

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119866.D
 Acq On : 9 Apr 2020 10:48
 Operator : MA/SJ
 Sample : L2153-04MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Quant Time: Apr 09 11:25:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	164325	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	608401	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	250842	20.00	ng	0.02
64) Phenanthrene-d10	11.34	188	301973	20.00	ng	0.04
76) Chrysene-d12	13.96	240	258413	20.00	ng	0.02
87) Perylene-d12	15.39	264	318095	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1517563	159.60	ng	0.02
7) Phenol-d6	6.42	99	2013352	164.33	ng	0.01
23) Nitrobenzene-d5	7.34	82	1288130	109.53	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	396238	129.02	ng	0.03
45) 2-Fluorobiphenyl	9.14	172	2132897	120.72	ng	0.00
79) Terphenyl-d14	12.92	244	1401084	91.23	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	187867	44.359	ng	99
3) Pyridine	3.22	79	522786	44.991	ng	94
4) n-Nitrosodimethylamine	3.17	42	334458	56.336	ng	96
6) Aniline	6.43	93	471393	29.313	ng	# 69
8) 2-Chlorophenol	6.56	128	617194	58.094	ng	98
9) Benzaldehyde	6.32	77	307933	55.134	ng	99
10) Phenol	6.43	94	784846	56.464	ng	99
11) bis(2-Chloroethyl)ether	6.51	93	621338	57.893	ng	99
12) 1,3-Dichlorobenzene	6.71	146	617592	53.098	ng	98
13) 1,4-Dichlorobenzene	6.79	146	626471	52.874	ng	100
14) 1,2-Dichlorobenzene	6.95	146	581726	53.275	ng	97
15) Benzyl Alcohol	6.92	79	522247	54.879	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1096773	52.516	ng	99
17) 2-Methylphenol	7.03	107	483534	50.999	ng	96
18) Hexachloroethane	7.29	117	239423	54.070	ng	# 90
19) n-Nitroso-di-n-propylamine	7.20	70	436327	55.380	ng	97
20) 3+4-Methylphenols	7.19	107	608575	52.483	ng	98
22) Acetophenone	7.19	105	820264	57.575	ng	# 94
24) Nitrobenzene	7.36	77	669344	56.578	ng	99
25) Isophorone	7.60	82	1177724	51.950	ng	100
26) 2-Nitrophenol	7.67	139	327055	55.335	ng	93
27) 2,4-Dimethylphenol	7.72	122	406723	45.627	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	742657	55.671	ng	99
29) 2,4-Dichlorophenol	7.92	162	492498	53.901	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	543563	52.502	ng	99
31) Naphthalene	8.08	128	1676004	52.359	ng	100
32) Benzoic acid	7.86	122	429596	54.874	ng	98
33) 4-Chloroaniline	8.13	127	244194	17.524	ng	98
34) Hexachlorobutadiene	8.20	225	319954	51.626	ng	99
35) Caprolactam	8.51	113	154348	55.223	ng	# 61
36) 4-Chloro-3-methylphenol	8.62	107	533117	53.891	ng	97
37) 2-Methylnaphthalene	8.77	142	1113269	51.299	ng	100
38) 1-Methylnaphthalene	8.87	142	1061741	51.907	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	478841	60.439	ng	98

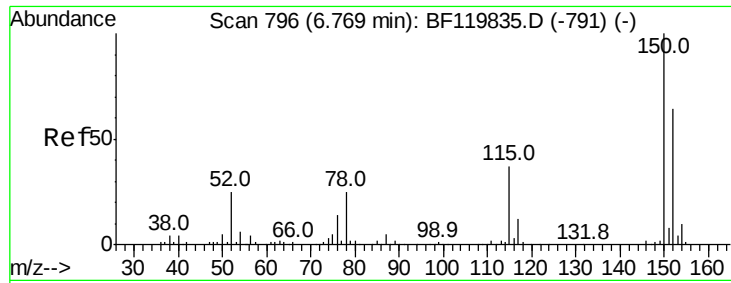
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119866.D
 Acq On : 9 Apr 2020 10:48
 Operator : MA/SJ
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Instrument :
 BNA_F
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Quant Time: Apr 09 11:25:33 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	588841	130.705	nq	97
43) 2,4,6-Trichlorophenol	9.05	196	345671	63.183	nq	97
44) 2,4,5-Trichlorophenol	9.10	196	354985	57.609	nq #	92
46) 1,1'-Biphenyl	9.24	154	1251392	59.105	nq	98
47) 2-Chloronaphthalene	9.26	162	987280	60.532	nq	96
48) 2-Nitroaniline	9.36	65	387409	65.545	nq	93
49) Acenaphthylene	9.69	152	1415728	57.075	nq #	94
50) Dimethylphthalate	9.55	163	1341880	69.161	nq #	98
51) 2,6-Dinitrotoluene	9.61	165	255573	60.152	nq	86
52) Acenaphthene	9.86	154	877245	53.017	nq	99
53) 3-Nitroaniline	9.77	138	161755	33.334	nq #	92
54) 2,4-Dinitrophenol	9.89	184	182331	71.678	nq #	51
55) Dibenzofuran	10.04	168	1113147	49.025	nq	97
56) 4-Nitrophenol	9.95	139	361803	100.208	nq #	70
57) 2,4-Dinitrotoluene	10.02	165	269590	48.160	nq #	98
58) Fluorene	10.39	166	801148	44.119	nq #	92
59) 2,3,4,6-Tetrachlorophenol	10.16	232	206320	43.779	nq #	94
60) Diethylphthalate	10.26	149	924356	45.967	nq #	93
61) 4-Chlorophenyl-phenylether	10.38	204	377436	40.554	nq #	85
62) 4-Nitroaniline	10.39	138	140830	30.453	nq	86
63) Azobenzene	10.55	77	798871	44.329	nq	90
65) 4,6-Dinitro-2-methylphenol	10.43	198	100445	50.489	nq #	1
66) n-Nitrosodiphenylamine	10.49	169	695814	69.285	nq	96
67) 4-Bromophenyl-phenylether	10.87	248	247576	65.926	nq #	86
68) Hexachlorobenzene	10.95	284	229864	60.337	nq #	85
69) Atrazine	11.03	200	203327	72.767	nq	80
70) Pentachlorophenol	11.14	266	227013	103.403	nq	99
71) Phenanthrene	11.36	178	892834	55.554	nq #	89
72) Anthracene	11.42	178	893553	54.426	nq #	96
73) Carbazole	11.56	167	840760	54.152	nq #	92
74) Di-n-butylphthalate	11.89	149	1124882	55.114	nq #	96
75) Fluoranthene	12.55	202	941884	54.316	nq	97
77) Benzidine	12.66	184	106460	12.188	nq #	37
78) Pyrene	12.78	202	948540	43.542	nq	98
80) Butylbenzylphthalate	13.39	149	479860	45.395	nq	97
81) Benzo(a)anthracene	13.96	228	909773	53.516	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	192001	30.269	nq	99
83) Chrysene	13.99	228	896227	51.884	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	727012	50.787	nq	99
85) Di-n-octyl phthalate	14.54	149	1344930	55.180	nq	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	1258788	82.671	nq	99
88) Benzo(b)fluoranthene	14.98	252	1053472	46.037	nq	98
89) Benzo(k)fluoranthene	15.01	252	996447	50.469	nq	98
90) Benzo(a)pyrene	15.33	252	1013726	52.689	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	1039536	60.996	nq	97
92) Benzo(g,h,i)perylene	17.24	276	1038569	61.736	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

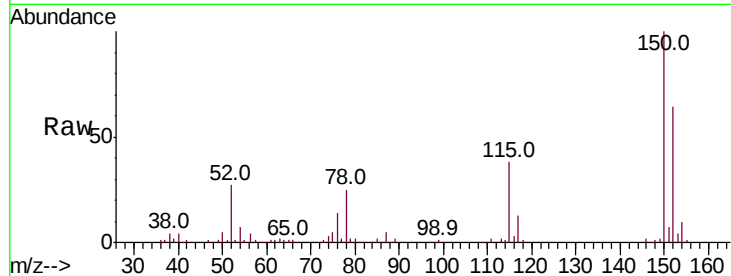


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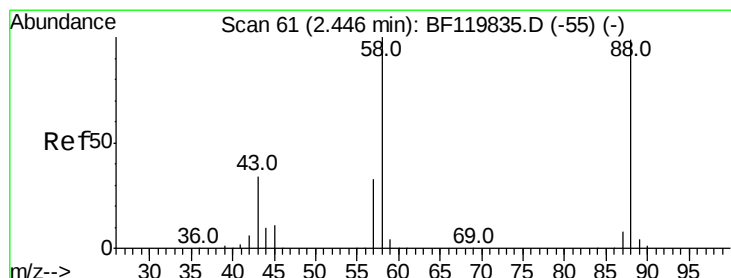
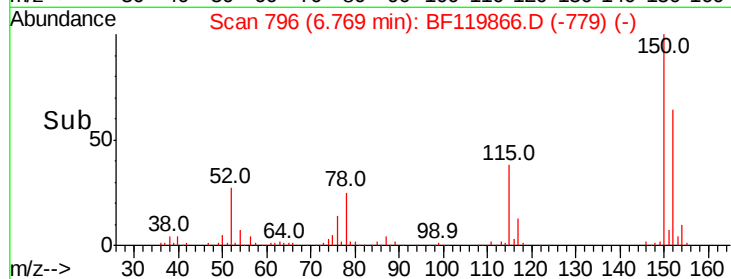
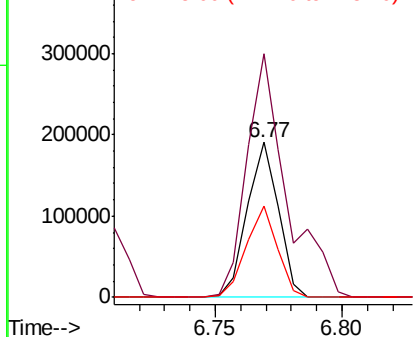
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tot Ion:152 Resp: 164325
Ion Ratio Lower Upper
152 100
150 157.3 124.8 187.2
115 59.3 46.5 69.7



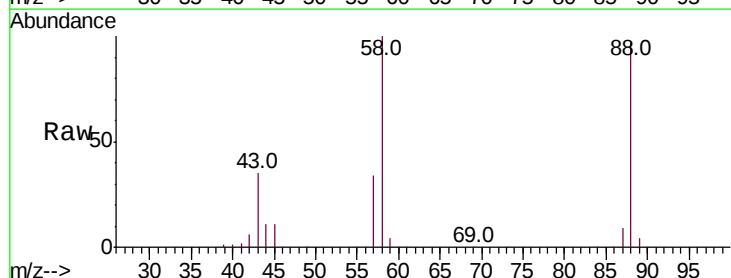
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



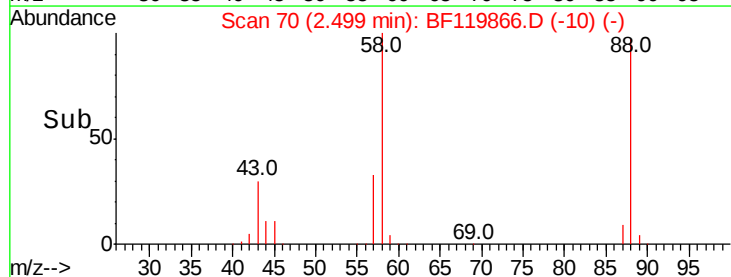
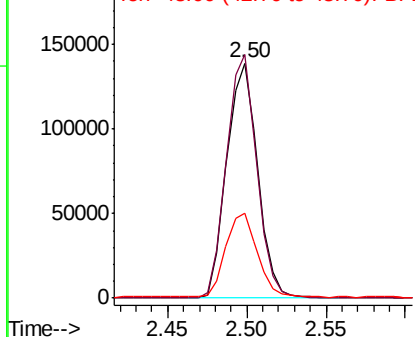
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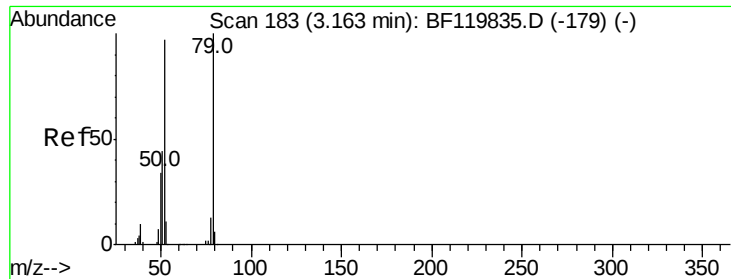
1,4-Dioxane
Concen: 44.359 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.05 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion: 88 Resp: 187867
Ion Ratio Lower Upper
88 100
58 101.8 82.6 123.8
43 36.8 28.6 42.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

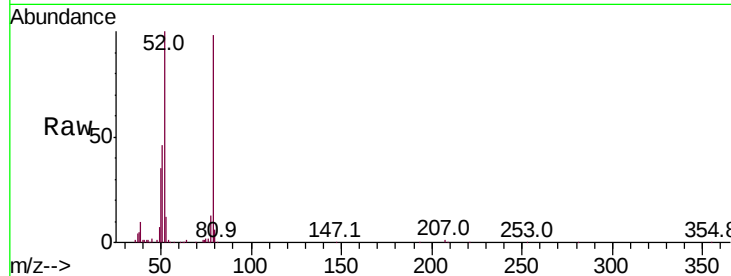




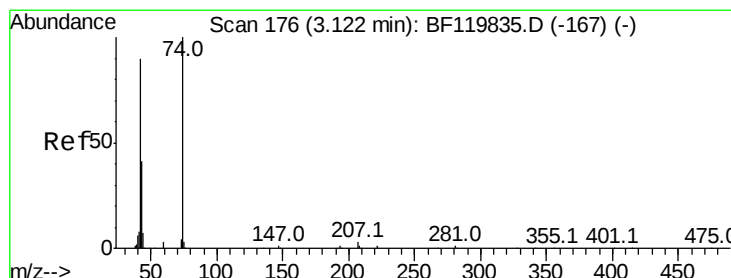
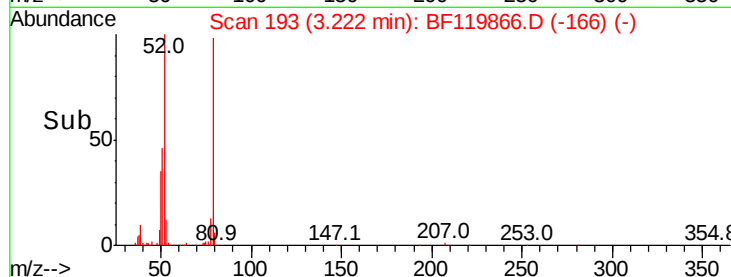
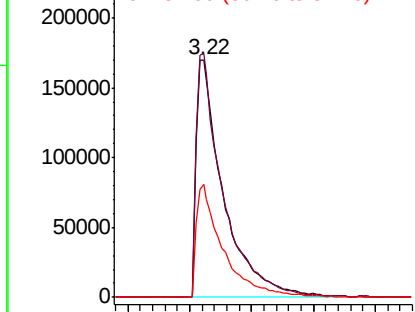
#3
 Pvridine
 Concen: 44.991 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.06 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Tot Ion: 79 Resp: 522786
 Ion Ratio Lower Upper
 79 100
 52 102.4 77.4 116.0
 51 47.4 35.3 52.9

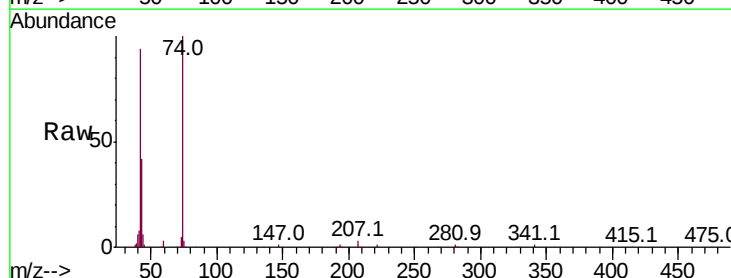


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

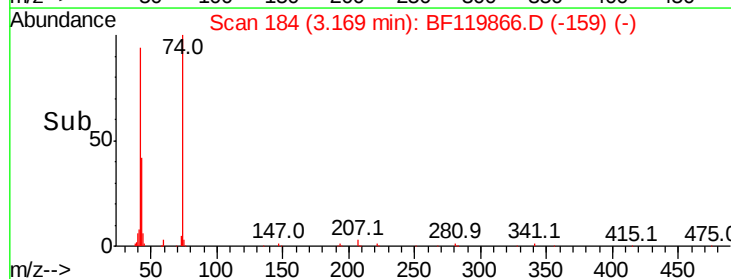
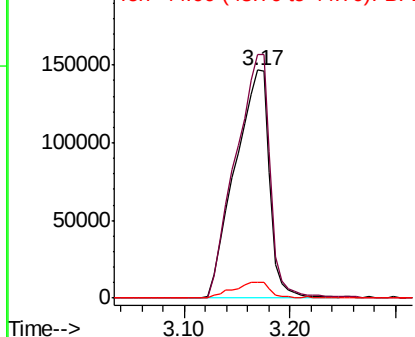


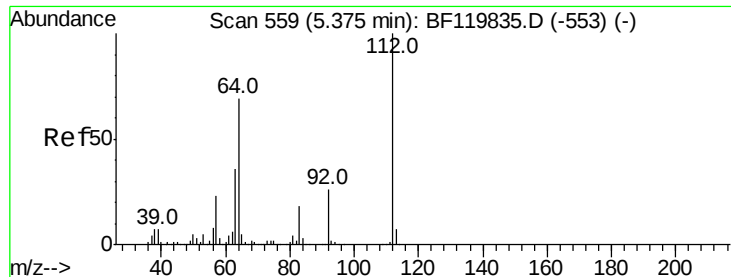
#4
 n-Nitrosodimethylamine
 Concen: 56.336 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.05 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion: 42 Resp: 334458
 Ion Ratio Lower Upper
 42 100
 74 106.7 89.0 133.4
 44 6.7 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 159.600 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.02 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

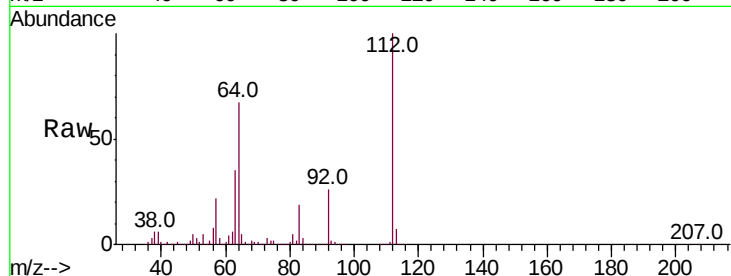
Tot Ion:112 Resp: 1517563

Ion Ratio Lower Upper

112 100

64 67.0 55.5 83.3

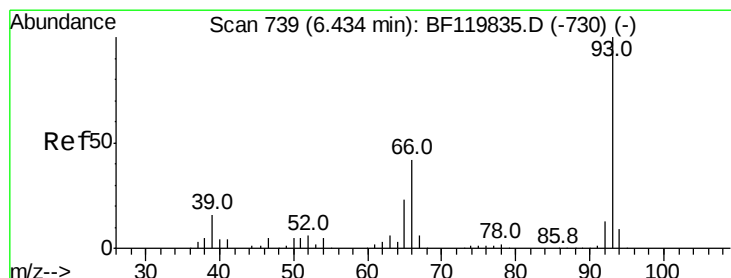
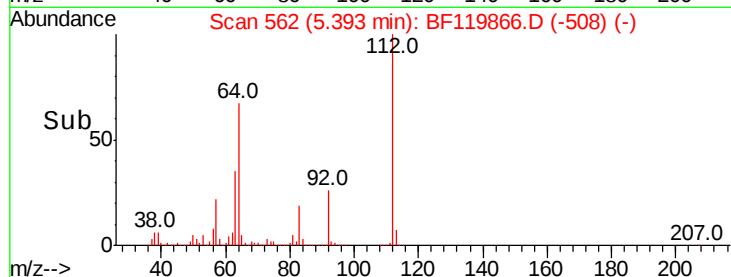
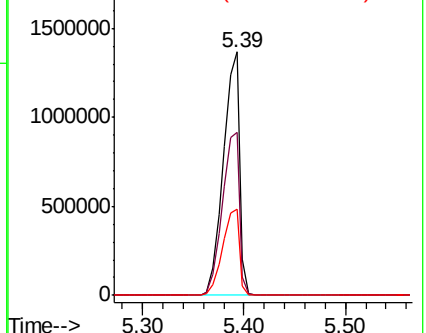
63 35.3 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.313 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

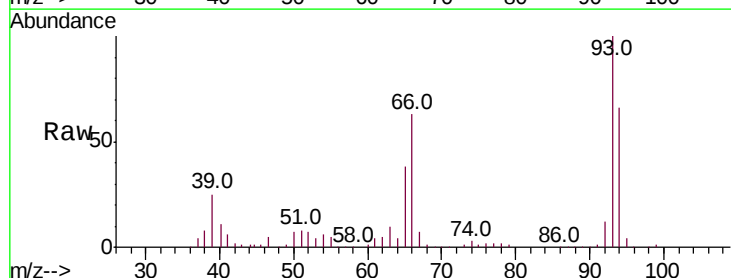
Tgt Ion: 93 Resp: 471393

Ion Ratio Lower Upper

93 100

66 62.7 34.2 51.2#

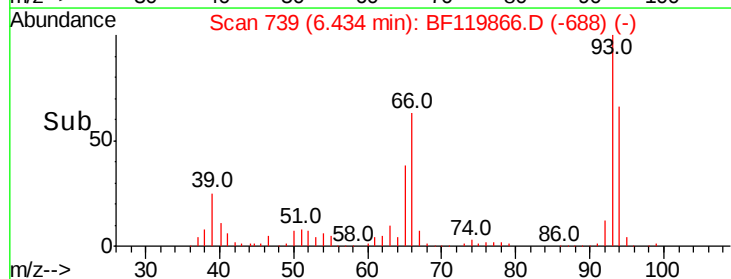
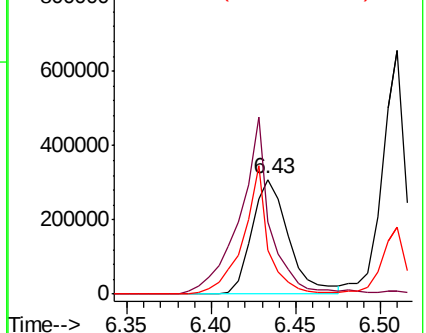
65 38.0 18.3 27.5#

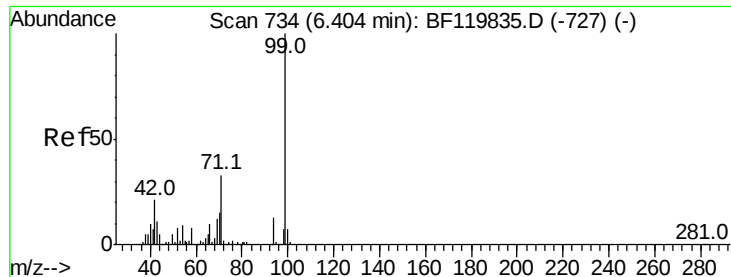


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 164.326 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

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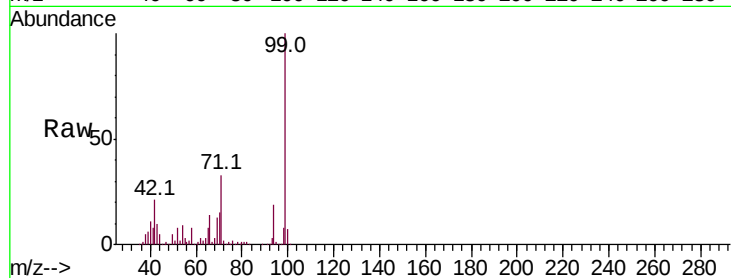
Tot Ion: 99 Resp: 2013352

Ion Ratio Lower Upper

99 100

42 20.6 16.9 25.3

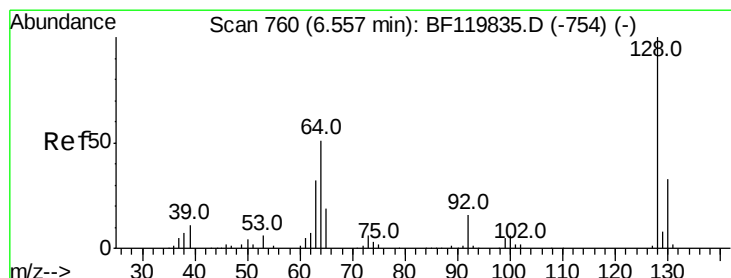
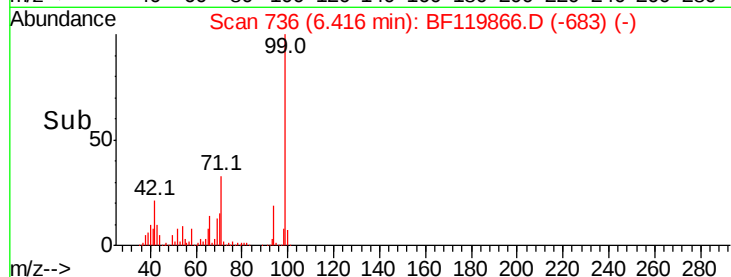
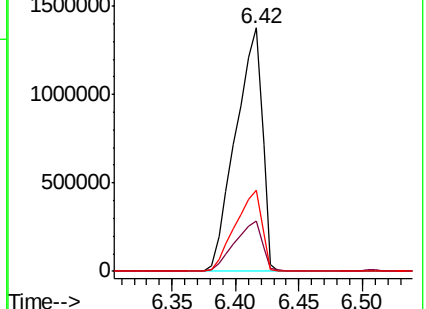
71 33.2 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 58.094 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

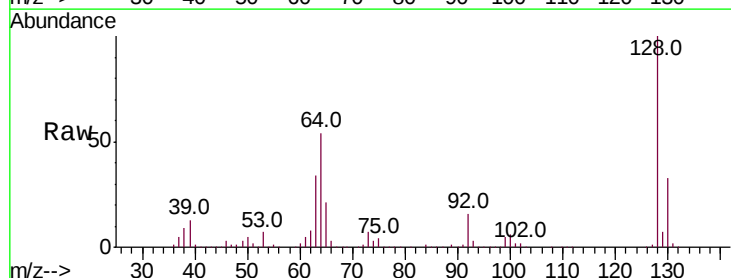
Tgt Ion:128 Resp: 617194

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

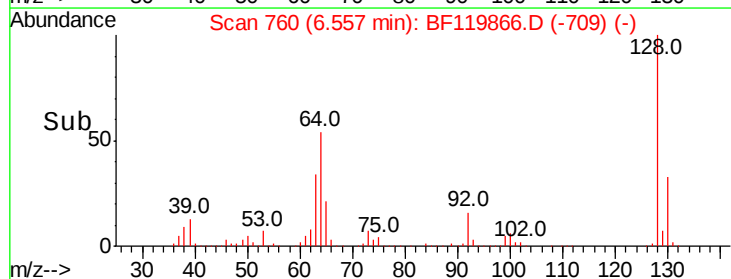
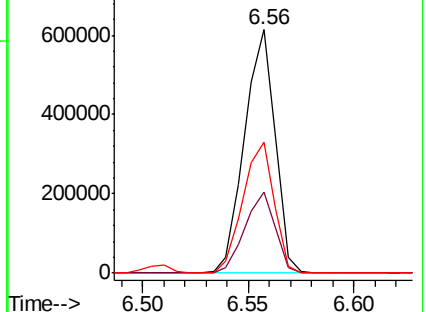
64 53.8 32.0 72.0

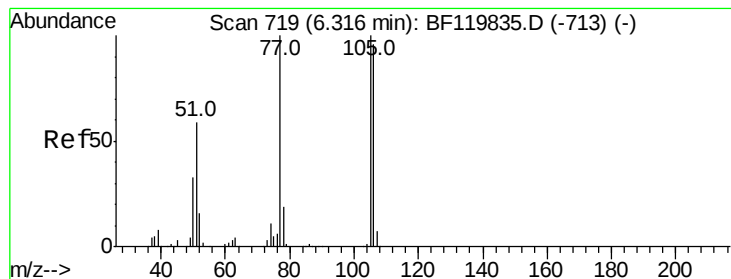


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 55.134 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

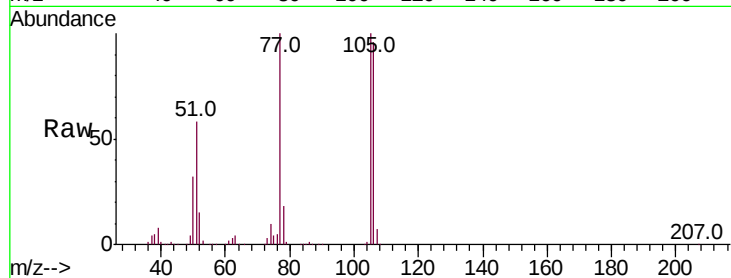
Tot Ion: 77 Resp: 307933

Ion Ratio Lower Upper

77 100

105 99.6 79.9 119.9

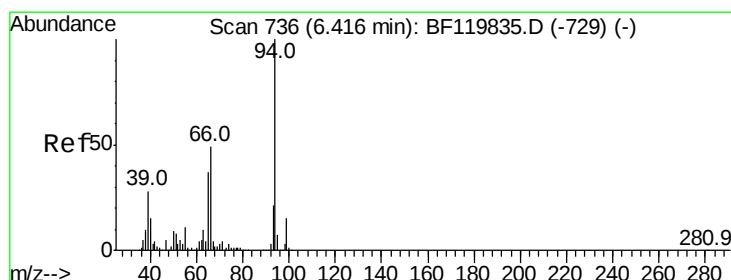
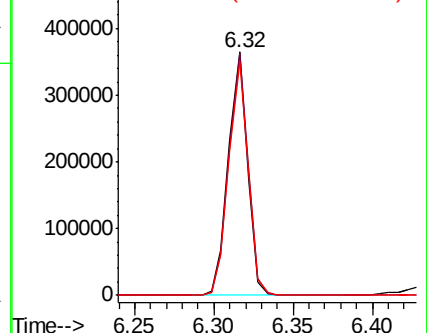
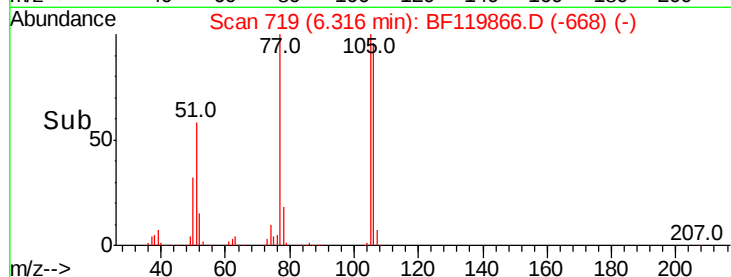
106 95.6 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 56.464 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

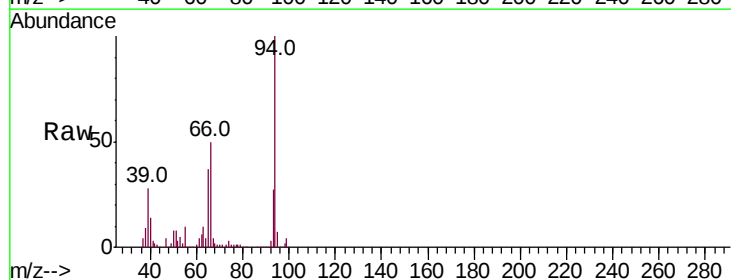
Tgt Ion: 94 Resp: 784846

Ion Ratio Lower Upper

94 100

65 36.6 16.6 56.6

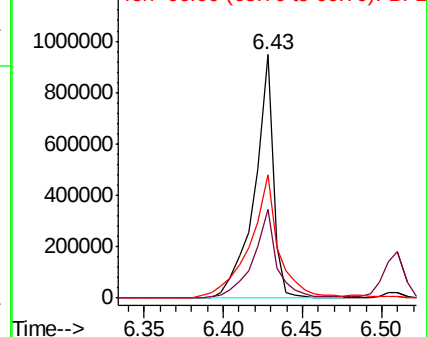
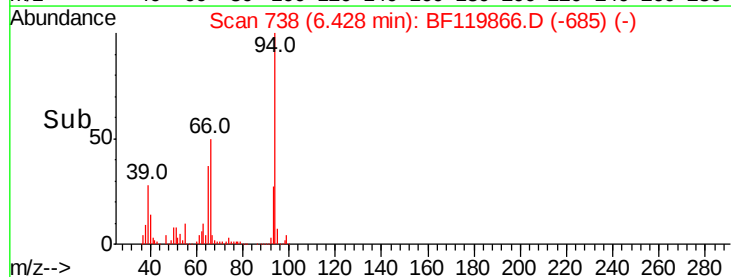
66 50.4 29.3 69.3

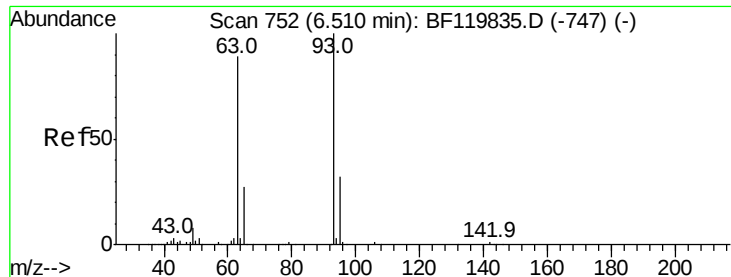


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 57.893 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

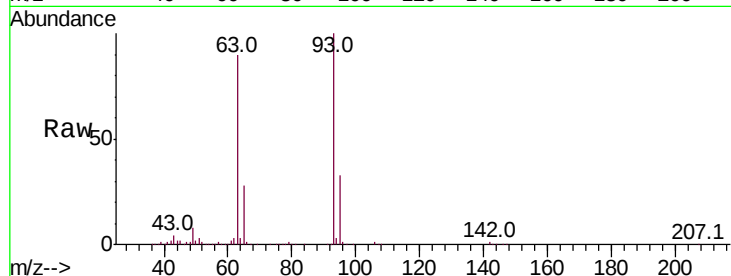
Tot Ion: 93 Resp: 621338

Ion Ratio Lower Upper

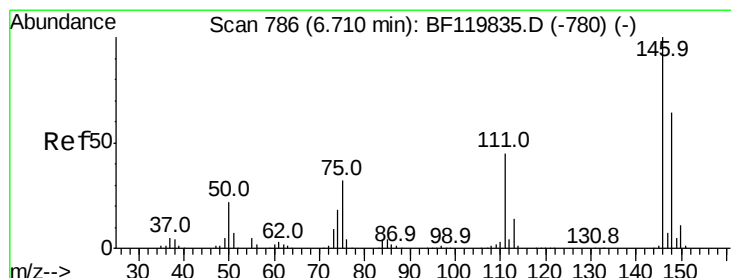
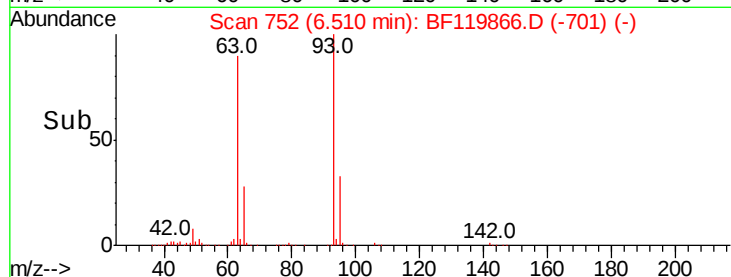
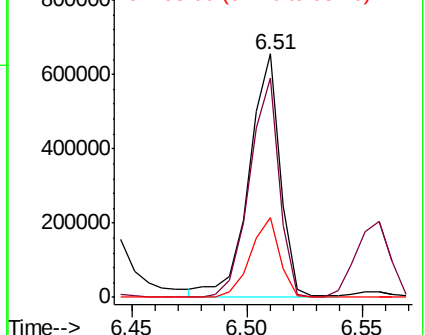
93 100

63 90.1 69.1 109.1

95 32.8 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 53.098 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

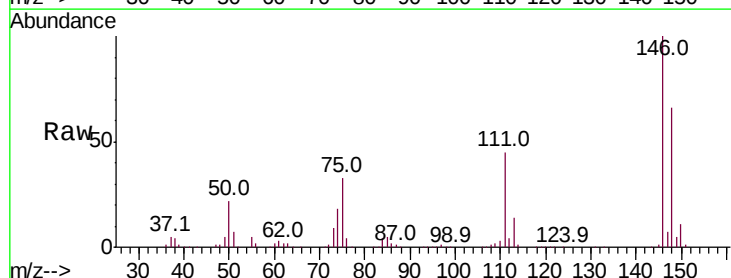
Tgt Ion: 146 Resp: 617592

Ion Ratio Lower Upper

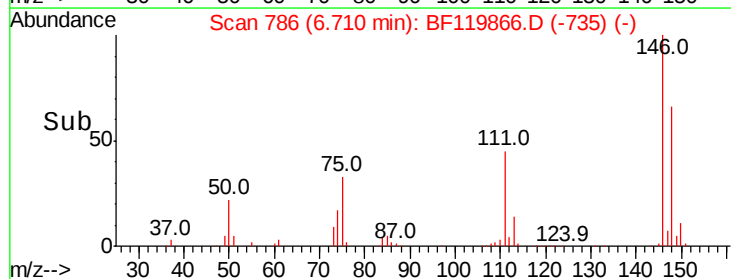
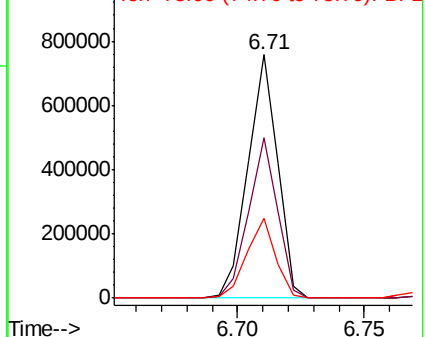
146 100

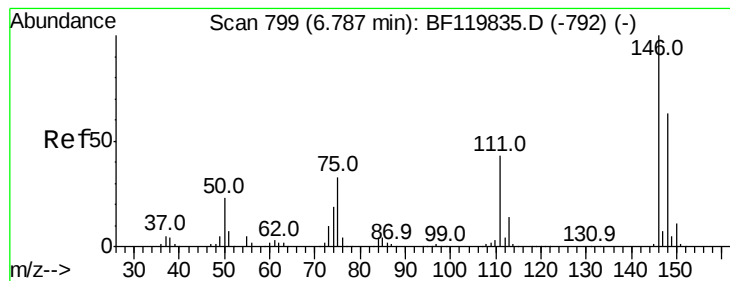
148 65.9 51.3 76.9

75 32.9 25.3 37.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 52.874 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

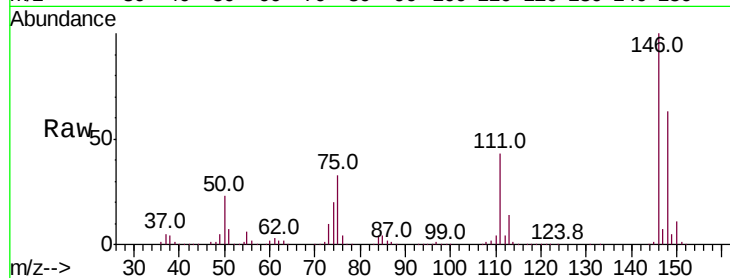
Tot Ion:146 Resp: 626471

Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

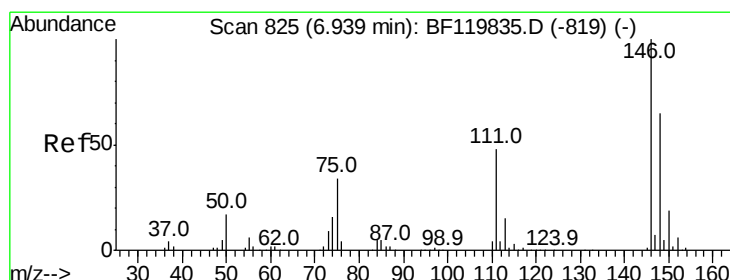
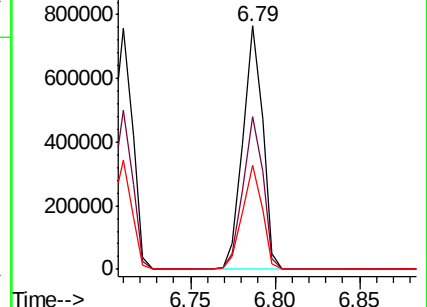
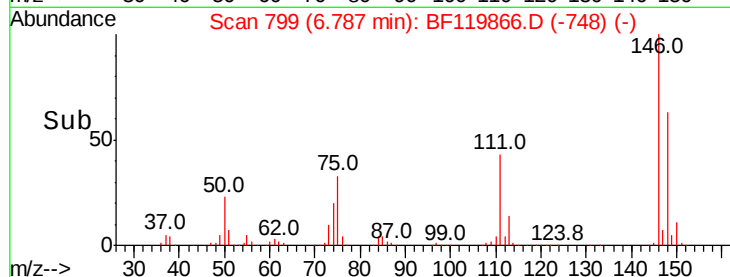
111 42.9 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 53.275 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

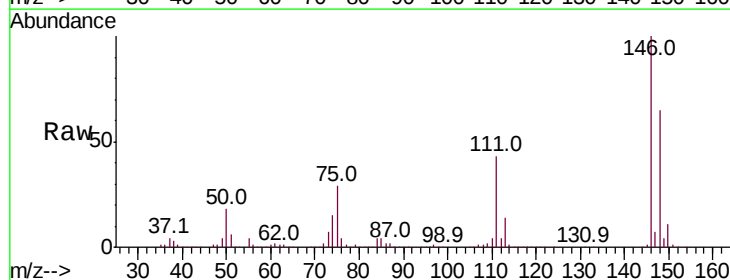
Tgt Ion:146 Resp: 581726

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

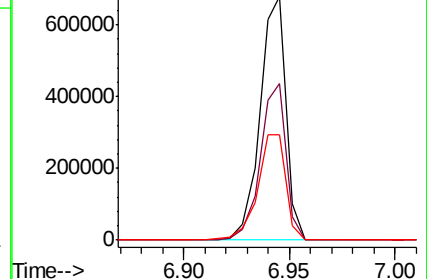
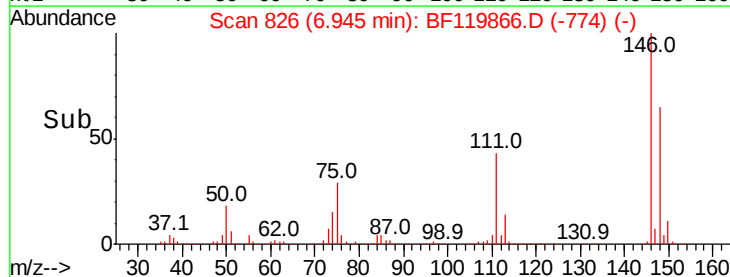
111 43.1 38.0 57.0

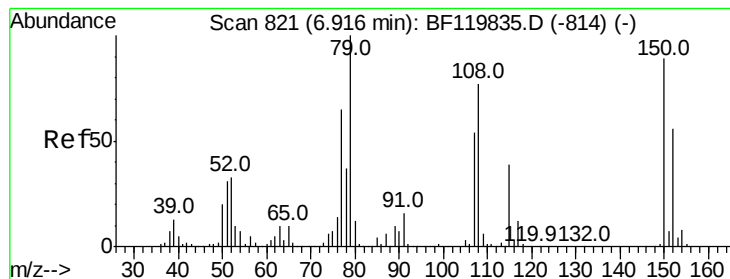


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.879 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

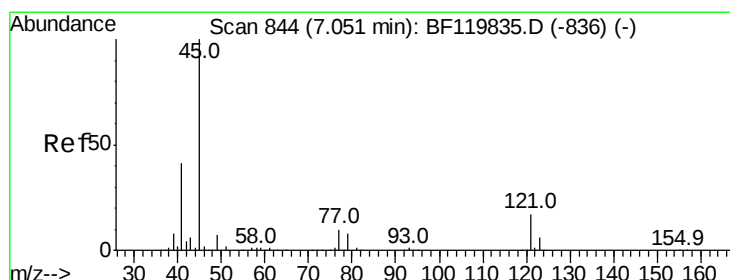
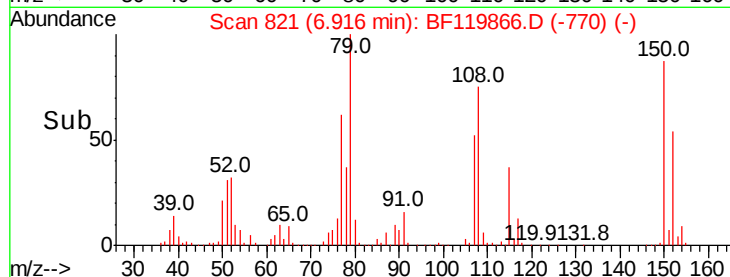
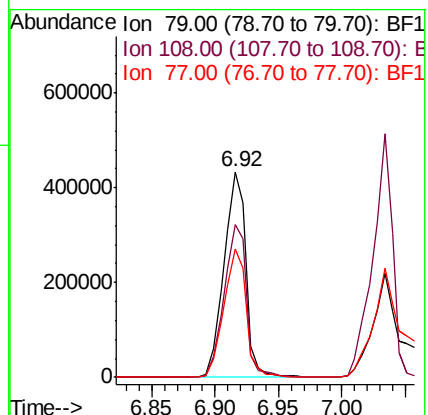
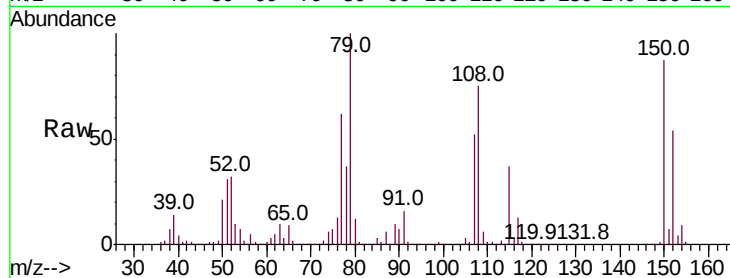
Tot Ion: 79 Resp: 522247

Ion Ratio Lower Upper

79 100

108 74.5 62.0 93.0

77 62.5 51.8 77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.516 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

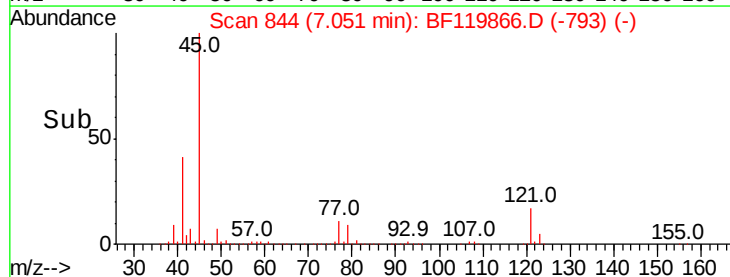
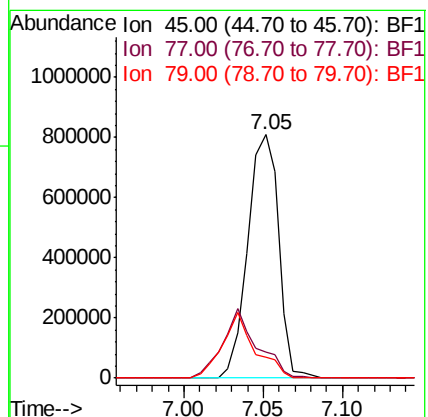
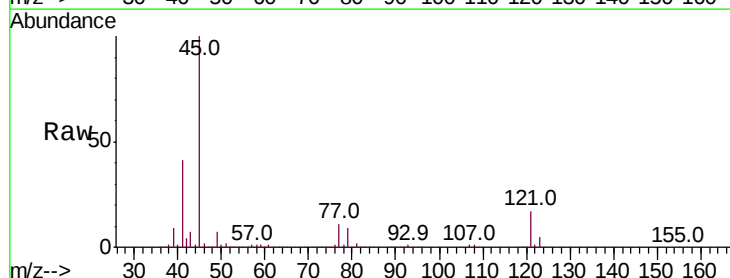
Tgt Ion: 45 Resp: 1096773

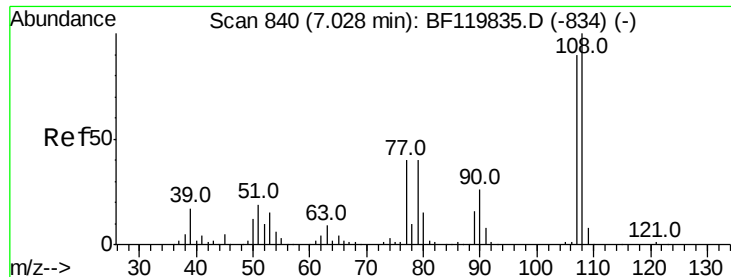
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.7

79 8.7 0.0 28.6

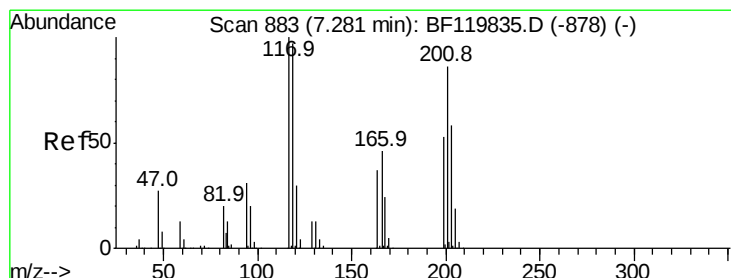
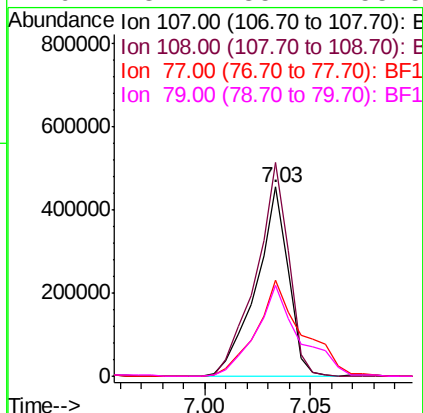
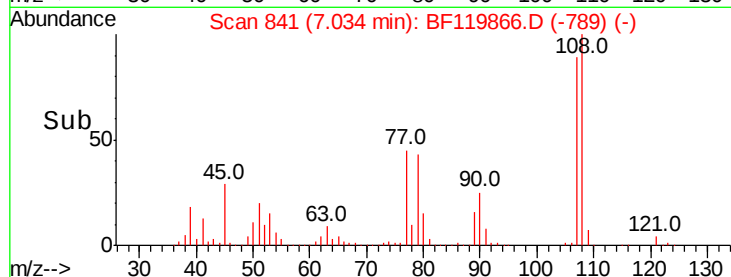
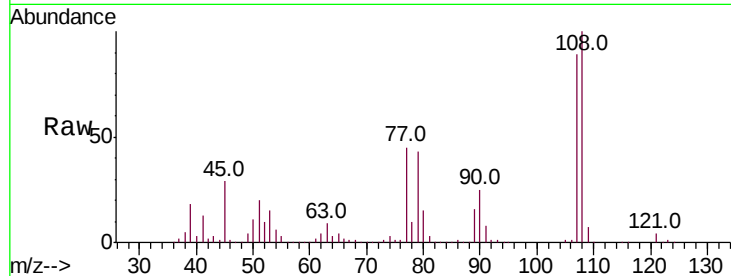




#17
2-Methylphenol
Concen: 50.999 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

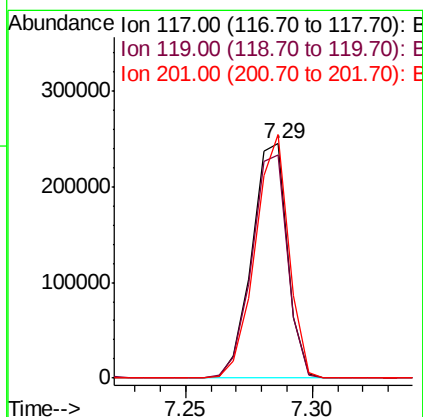
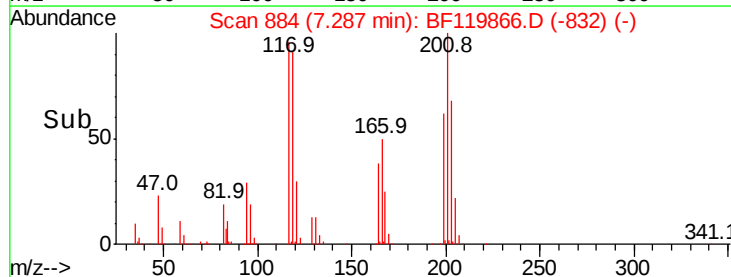
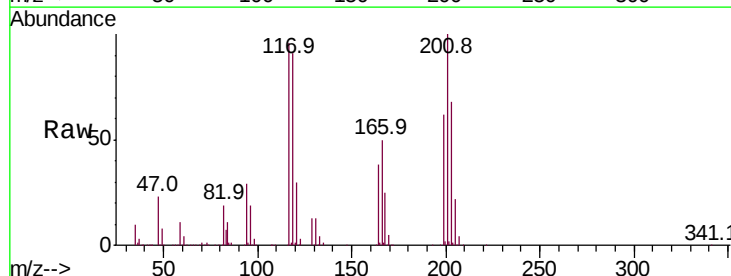
Instrument :
BNA_F
ClientSampleId :
72-11991MS

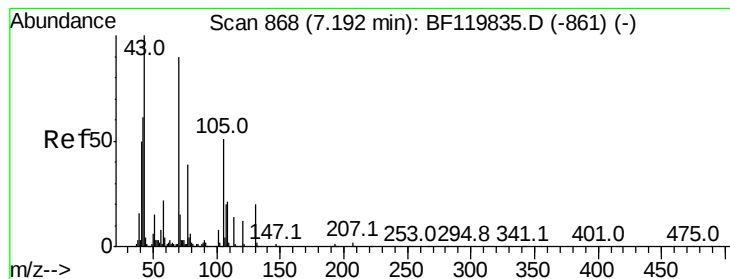
Tot Ion:107 Resp: 483534
Ion Ratio Lower Upper
107 100
108 112.9 88.8 133.2
77 50.5 36.0 54.0
79 48.2 35.7 53.5



#18
Hexachloroethane
Concen: 54.070 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:117 Resp: 239423
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 104.0 68.4 102.6#





#19

n-Nitroso-di-n-propylamine

Concen: 55.380 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

Tot Ion: 70 Resp: 436327

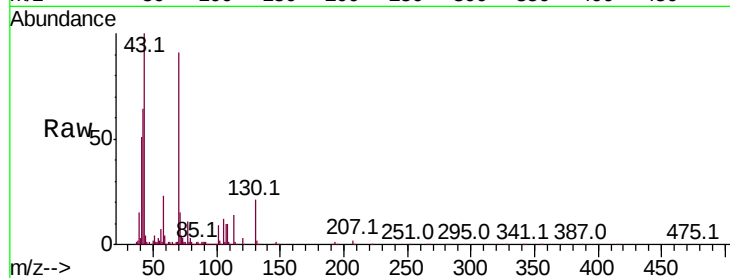
Ion Ratio Lower Upper

70 100

42 70.2 54.2 81.4

101 10.1 7.4 11.2

130 23.7 17.8 26.6

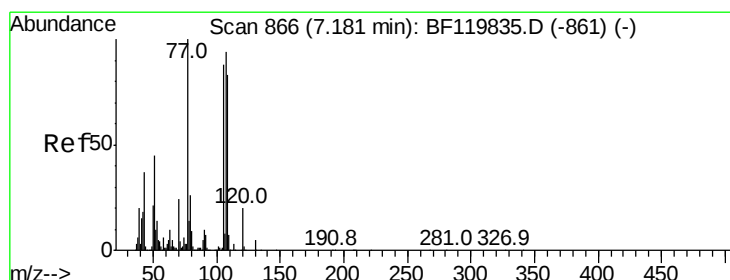
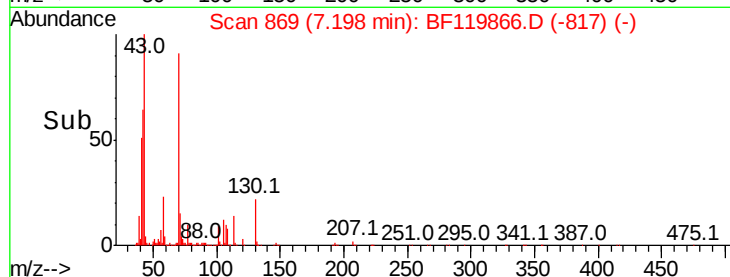
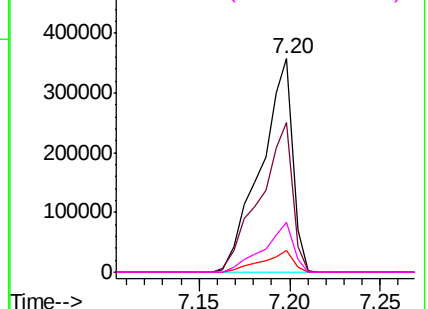


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 52.483 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Tgt Ion:107 Resp: 608575

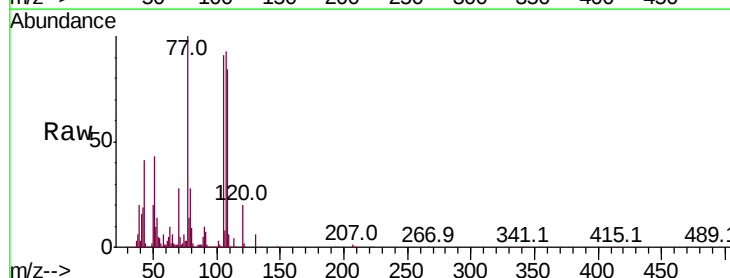
Ion Ratio Lower Upper

107 100

108 91.1 68.2 108.2

77 107.8 86.6 126.6

79 29.8 7.7 47.7

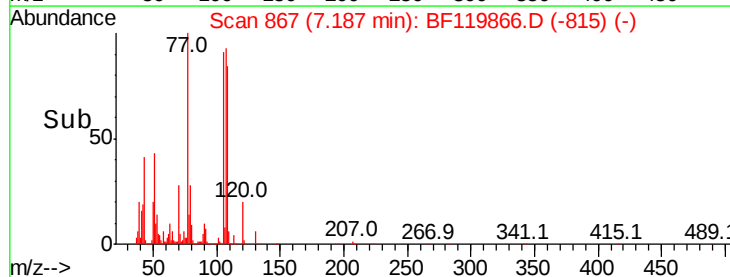
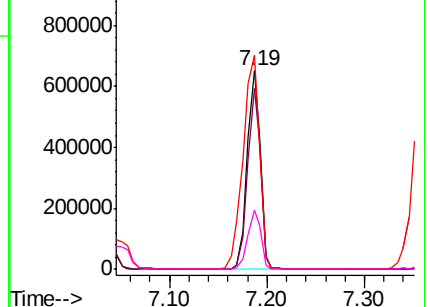


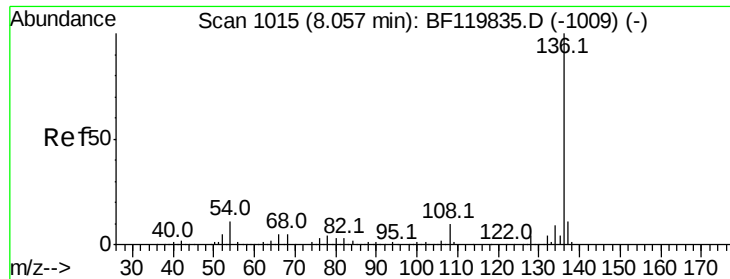
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

Tot Ion:136 Resp: 608401

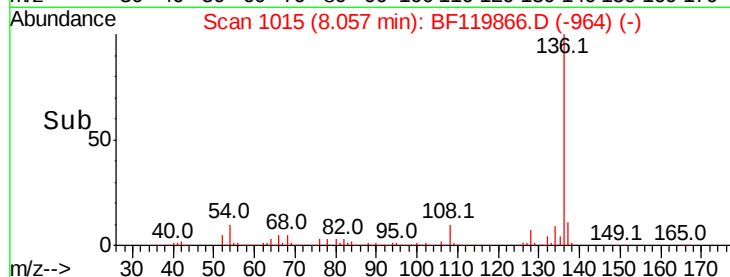
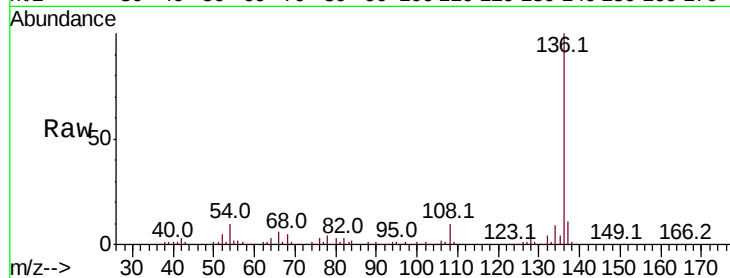
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.4 8.5 12.7

68 5.5 3.9 5.9

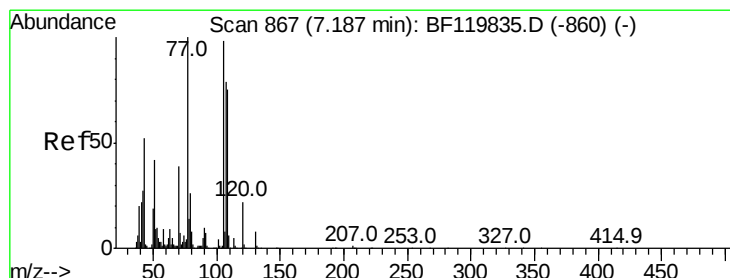
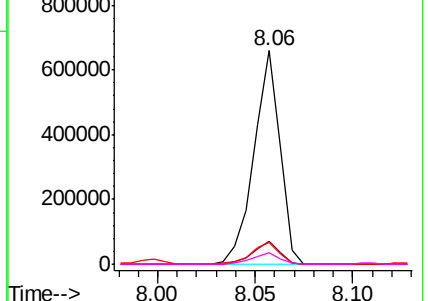


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 57.575 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Tgt Ion:105 Resp: 820264

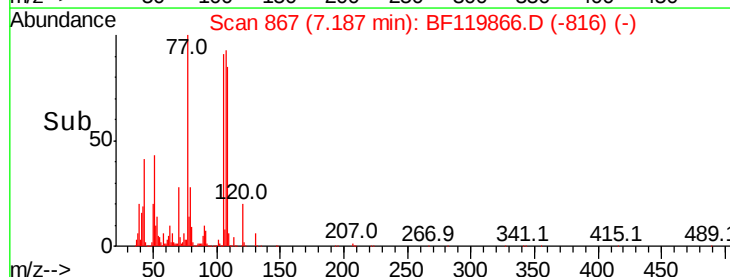
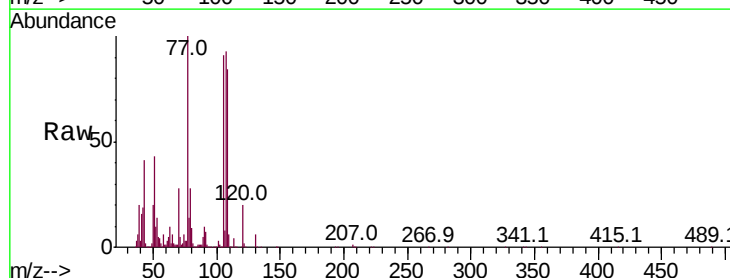
Ion Ratio Lower Upper

105 100

71 5.0 5.6 8.4#

51 47.7 33.9 50.9

120 21.8 17.8 26.8

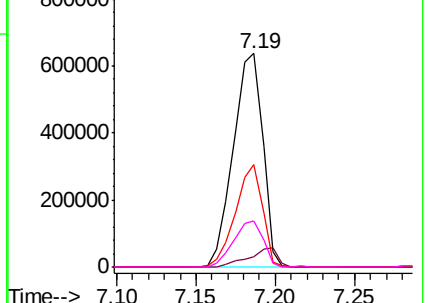


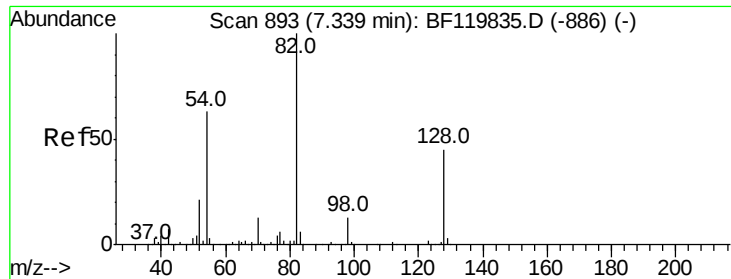
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



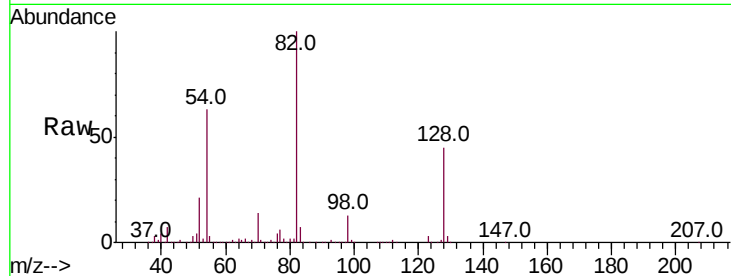


#23
 Nitrobenzene-d5
 Concen: 109.532 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

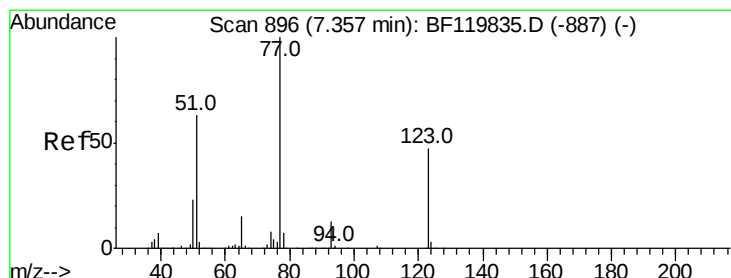
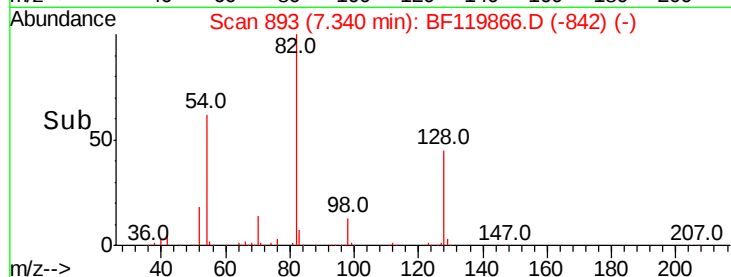
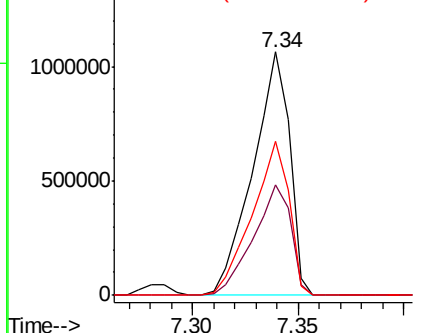
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Tot Ion: 82 Resp: 1288130

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.2	54.4
54	63.1	50.4	75.6



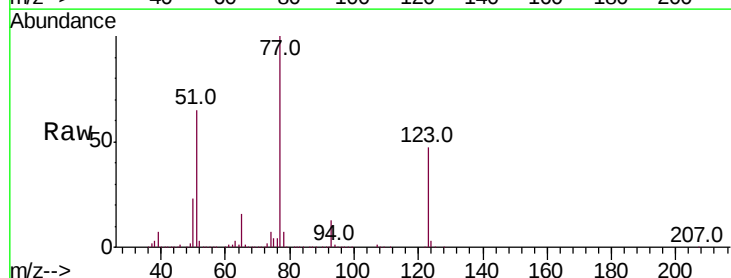
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



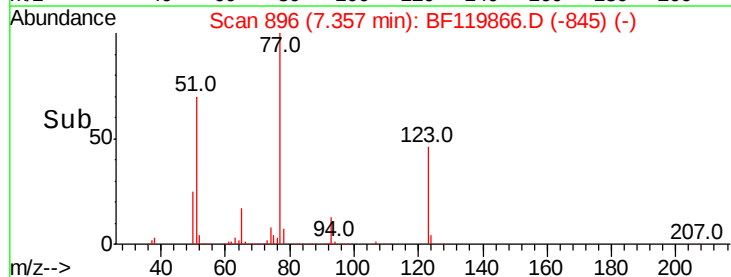
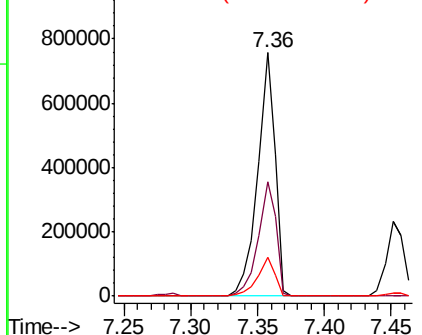
#24
 Nitrobenzene
 Concen: 56.578 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion: 77 Resp: 669344

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.8	56.8
65	15.7	12.2	18.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 51.950 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

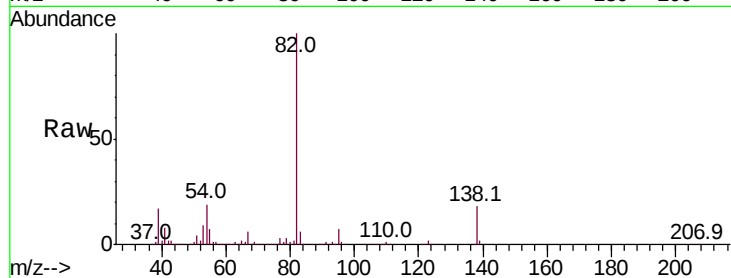
Tot Ion: 82 Resp: 1177724

Ion Ratio Lower Upper

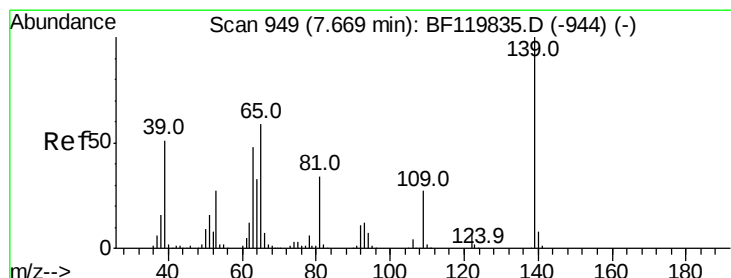
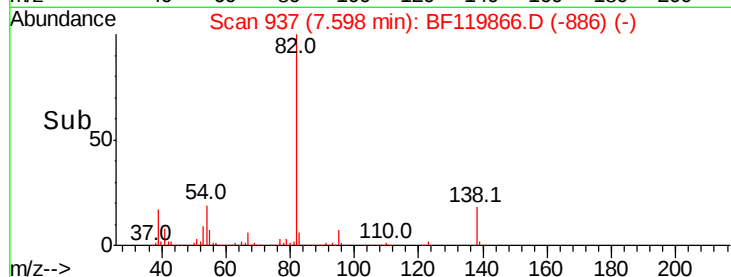
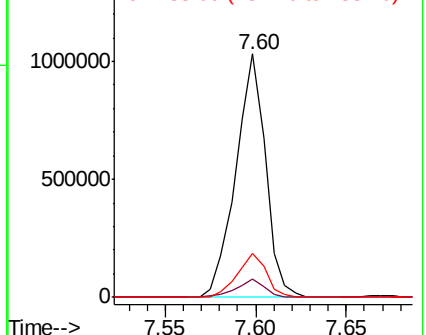
82 100

95 7.4 5.8 8.6

138 18.0 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.335 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

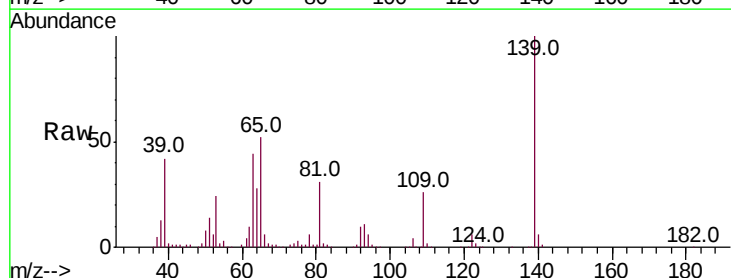
Tgt Ion:139 Resp: 327055

Ion Ratio Lower Upper

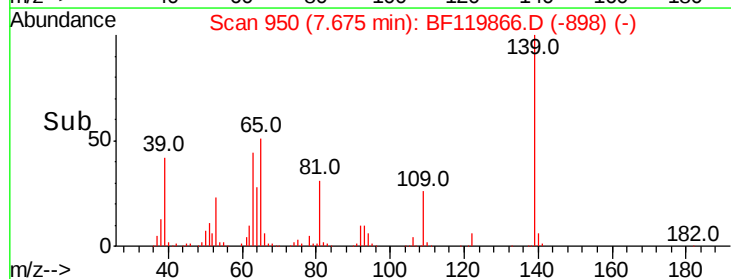
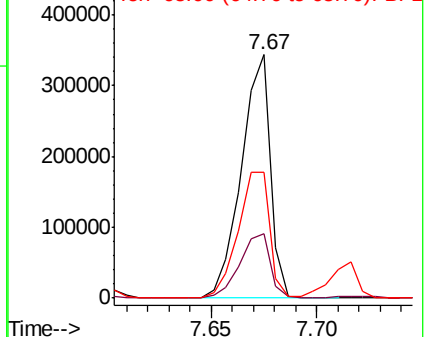
139 100

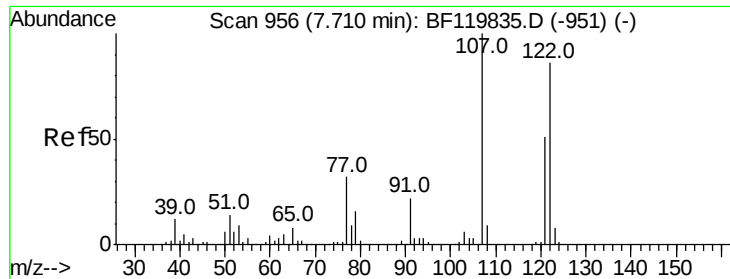
109 26.4 21.8 32.6

65 51.6 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

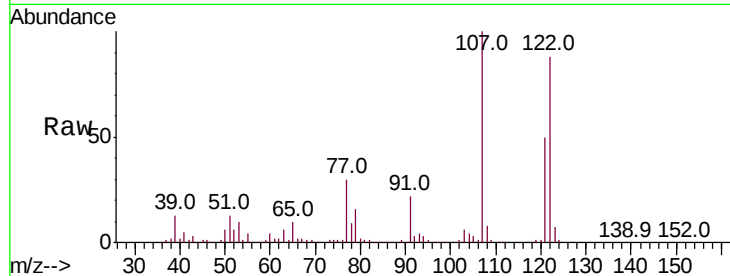




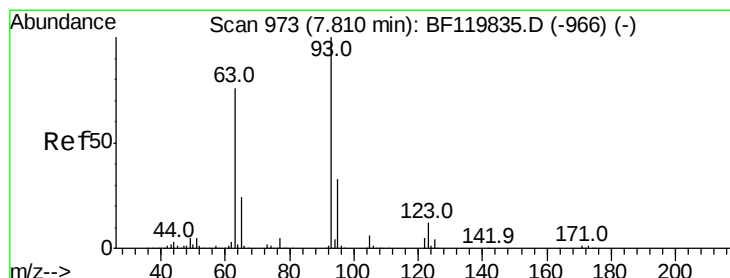
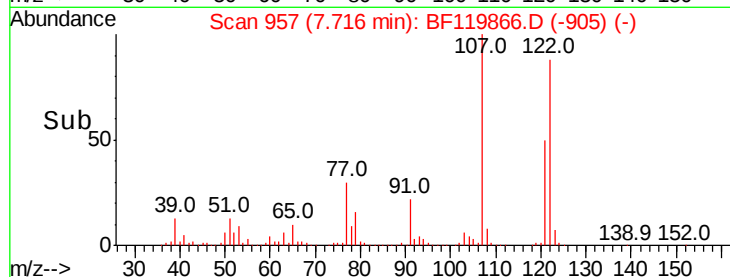
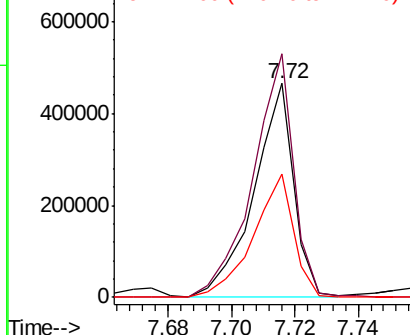
#27
2,4-Dimethylphenol
Concen: 45.627 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tot Ion:122 Resp: 406723
Ion Ratio Lower Upper
122 100
107 113.8 92.3 138.5
121 57.4 46.6 70.0

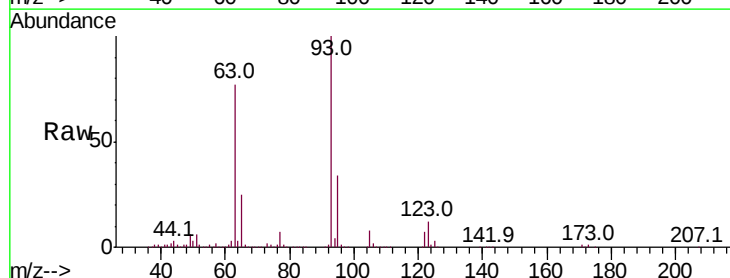


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

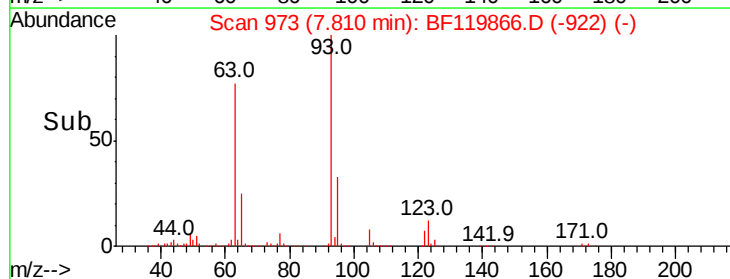
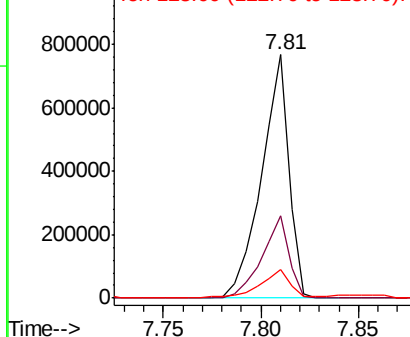


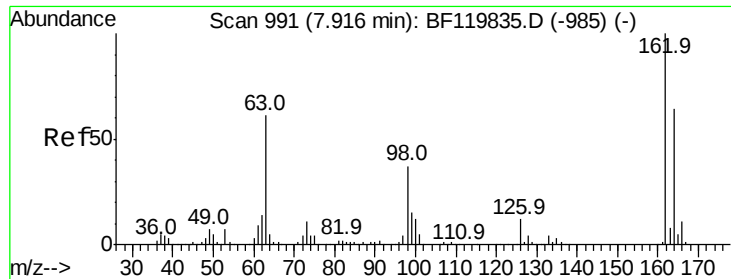
#28
bis(2-Chloroethoxy)methane
Concen: 55.671 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion: 93 Resp: 742657
Ion Ratio Lower Upper
93 100
95 33.6 26.4 39.6
123 11.7 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

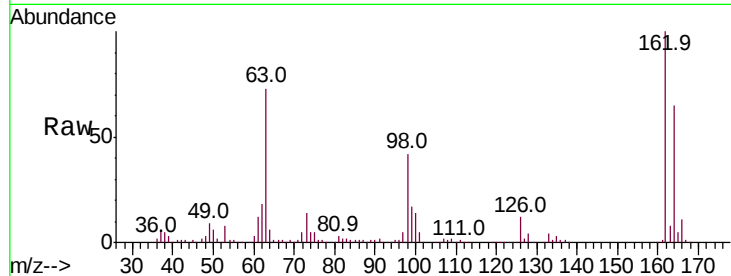




#29
 2,4-Dichlorophenol
 Concen: 53.901 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.4	84.4
98	41.6	17.3	57.3

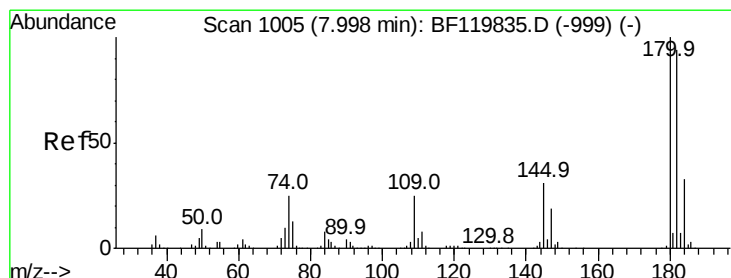
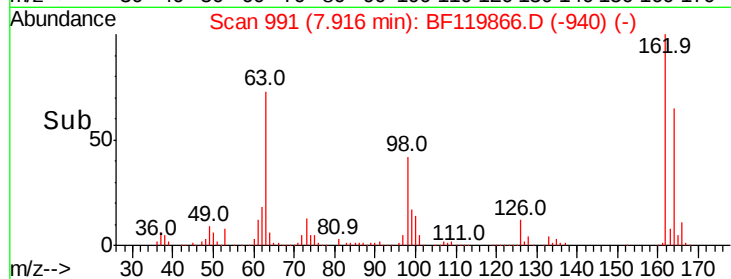
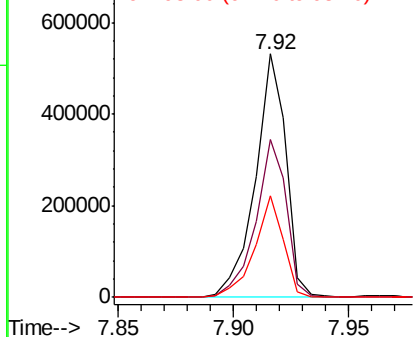


Abundance

Ion 162.00 (161.70 to 162.70): E

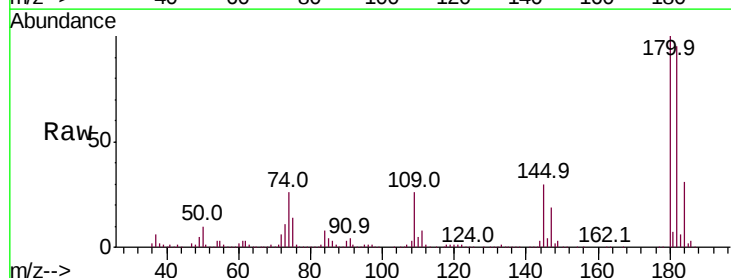
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 52.502 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.4	113.0
145	29.9	24.6	37.0

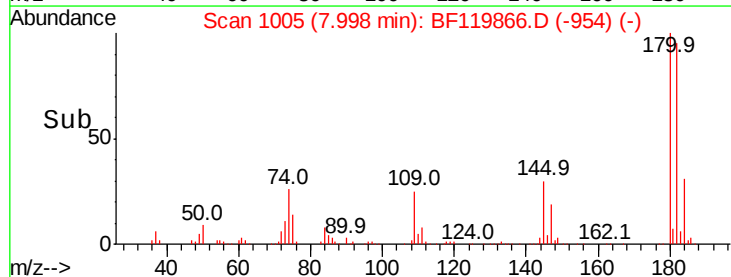
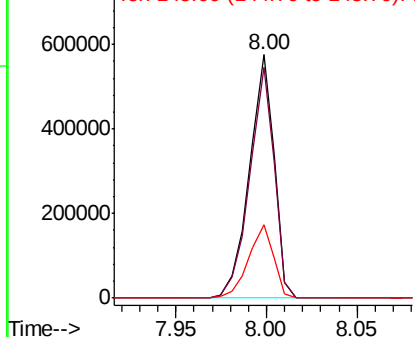


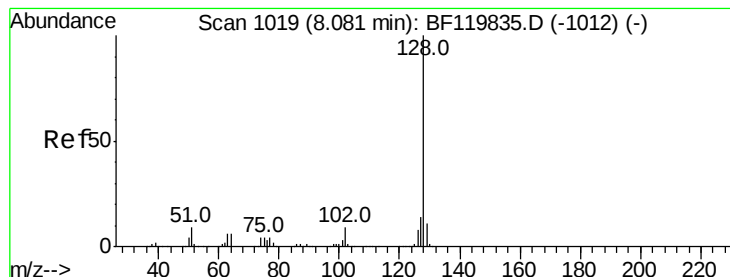
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.359 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

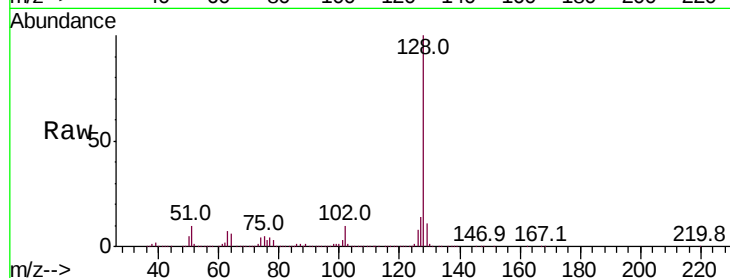
Tot Ion:128 Resp: 1676004

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

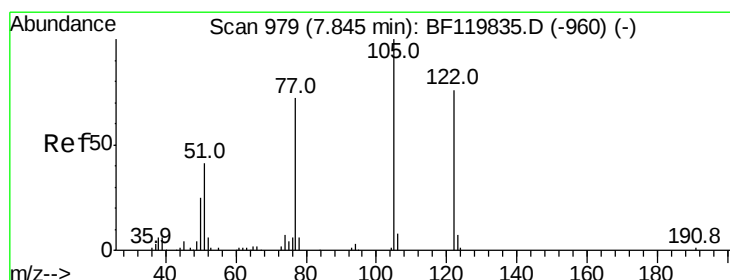
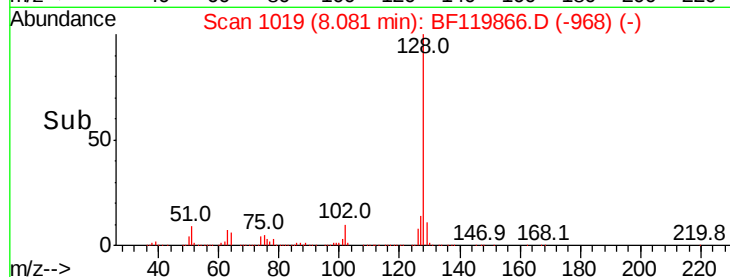
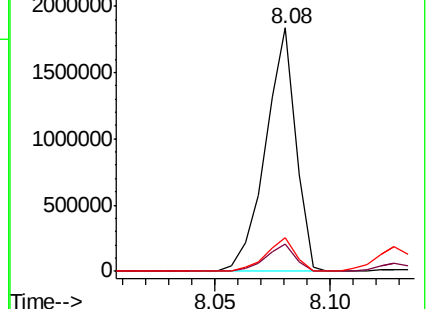
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.874 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

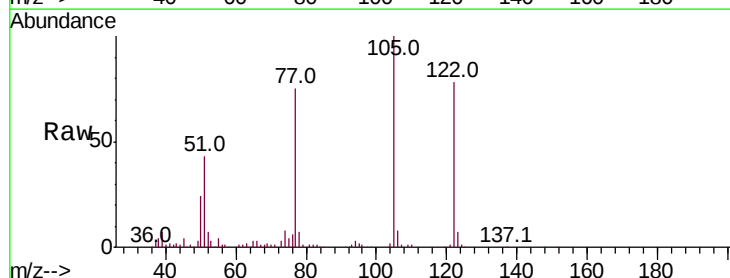
Tgt Ion:122 Resp: 429596

Ion Ratio Lower Upper

122 100

105 128.4 106.7 146.7

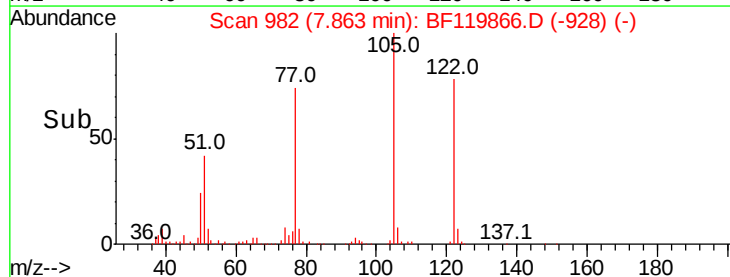
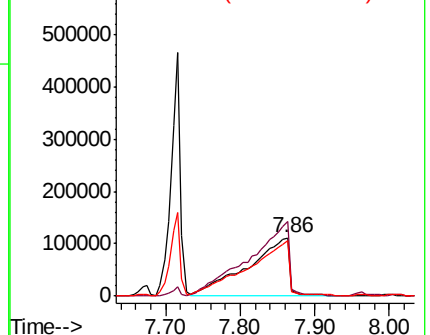
77 95.7 72.1 112.1

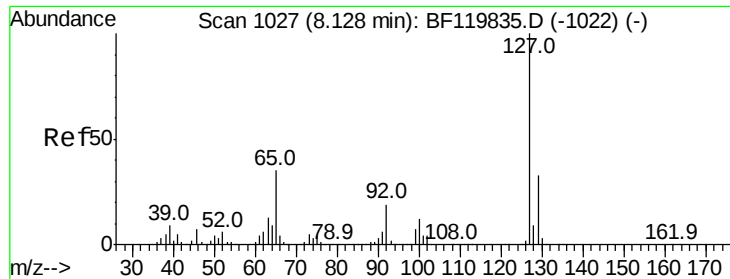


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

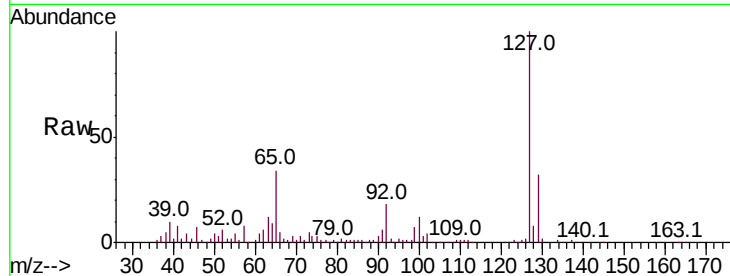




#33
4-Chloroaniline
Concen: 17.524 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tot Ion:	127	Resp:	244194
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	33.9	28.3	42.5
92	18.1	15.4	23.2



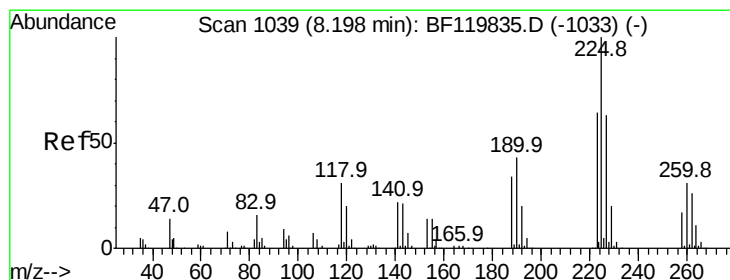
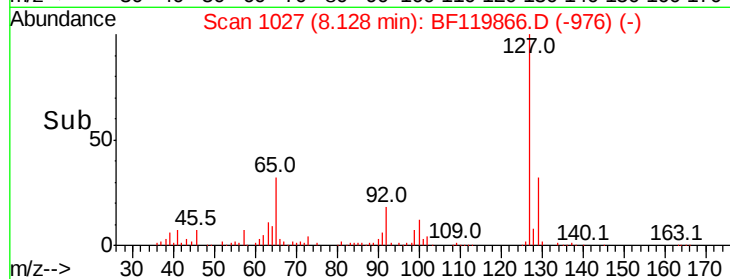
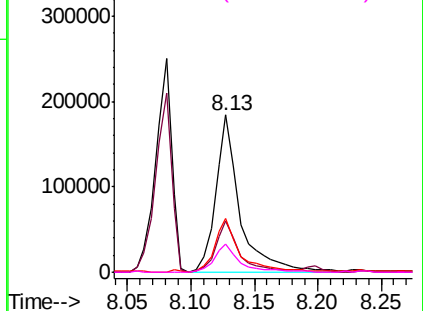
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

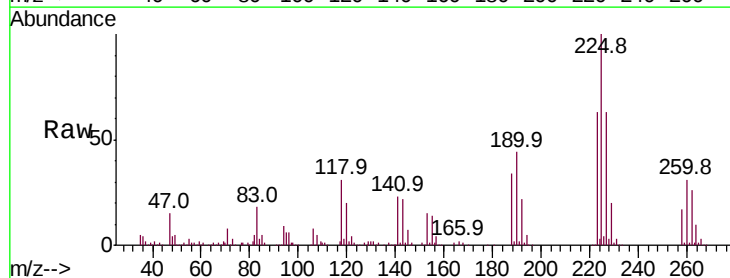
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 51.626 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:	225	Resp:	319954
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	63.2	50.4	75.6

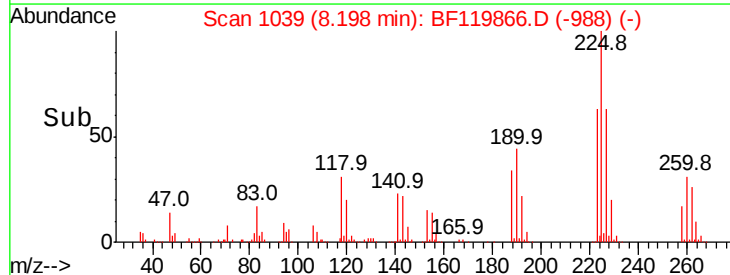
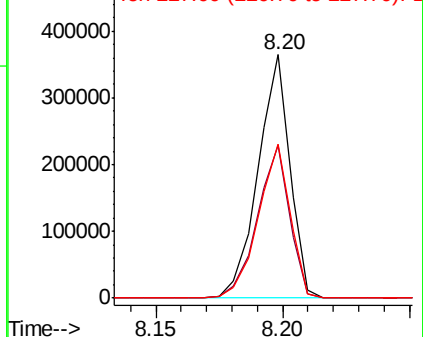


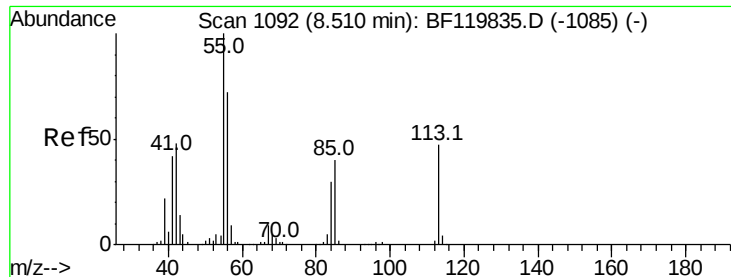
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 55.223 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

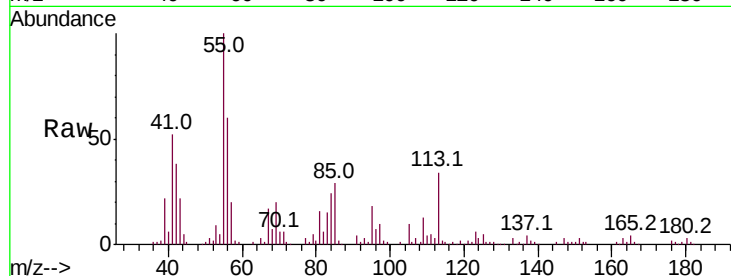
Tot Ion:113 Resp: 154348

Ion Ratio Lower Upper

113 100

55 297.2 192.7 232.7#

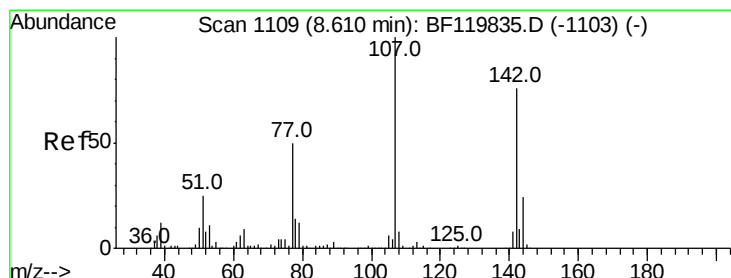
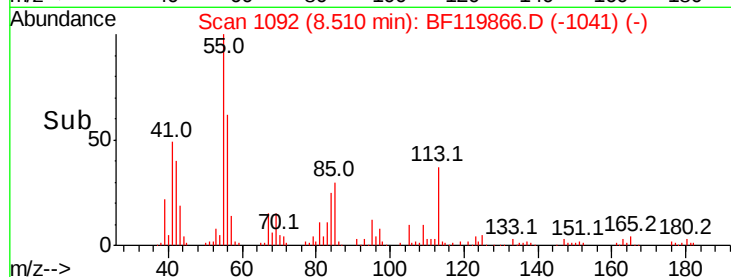
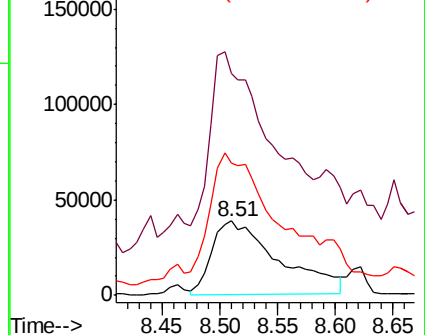
56 178.2 133.3 173.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 53.891 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

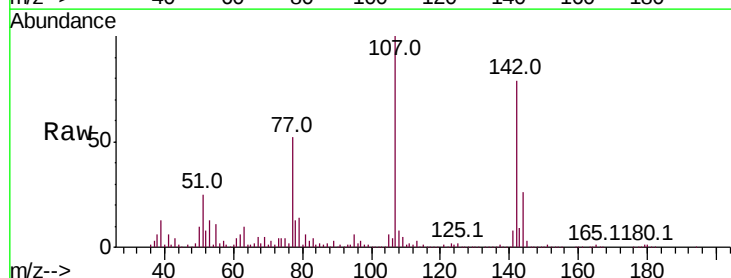
Tgt Ion:107 Resp: 533117

Ion Ratio Lower Upper

107 100

144 25.8 19.5 29.3

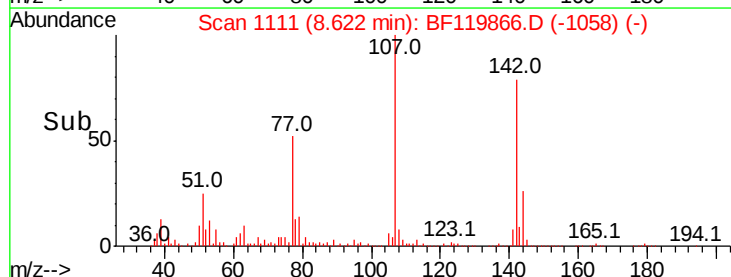
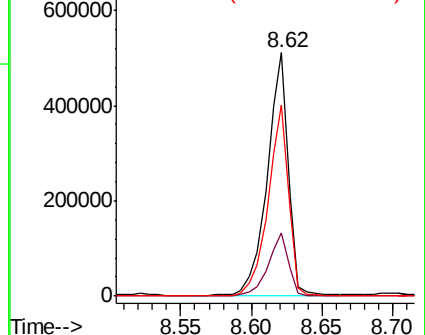
142 78.7 60.5 90.7

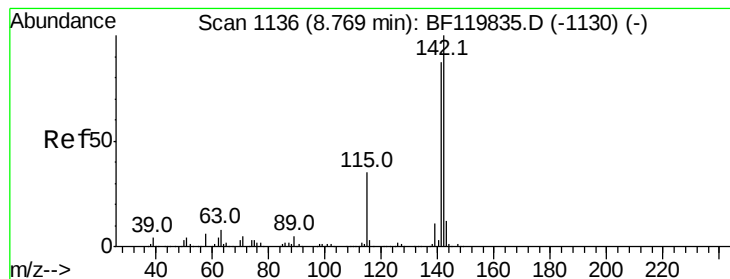


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

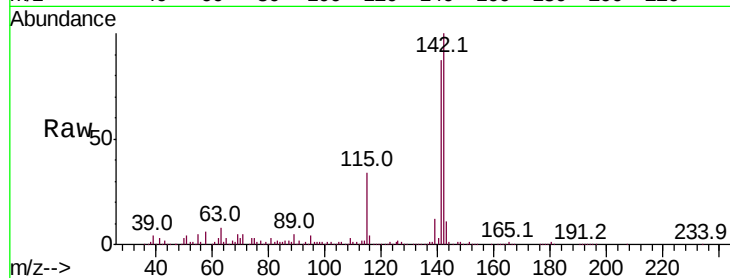




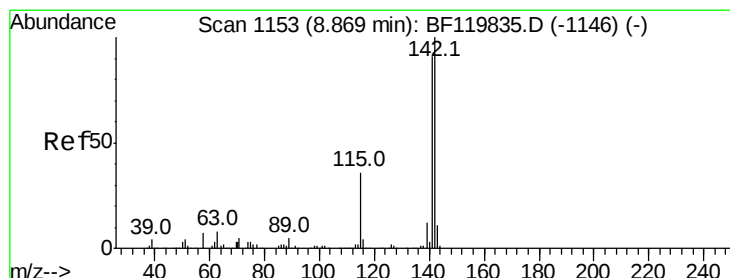
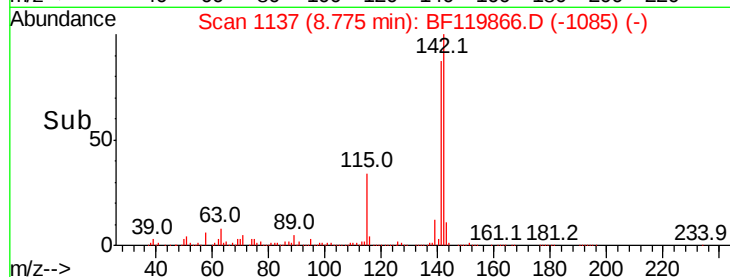
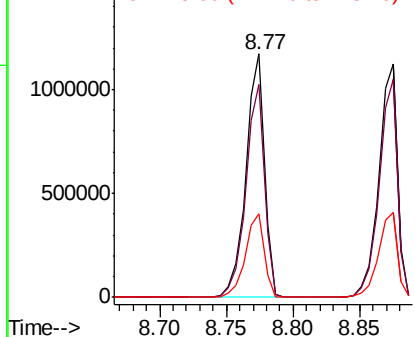
#37
 2-Methylnaphthalene
 Concen: 51.299 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Tot Ion:142 Resp: 1113269
 Ion Ratio Lower Upper
 142 100
 141 87.4 69.9 104.9
 115 34.3 28.0 42.0

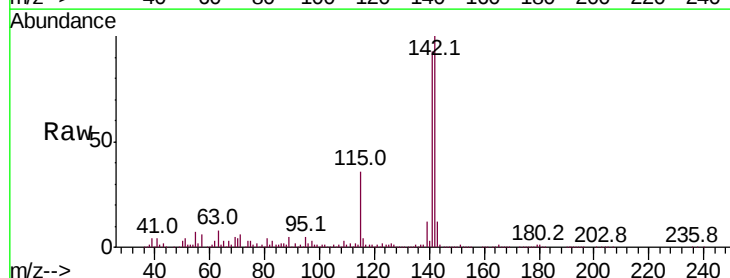


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

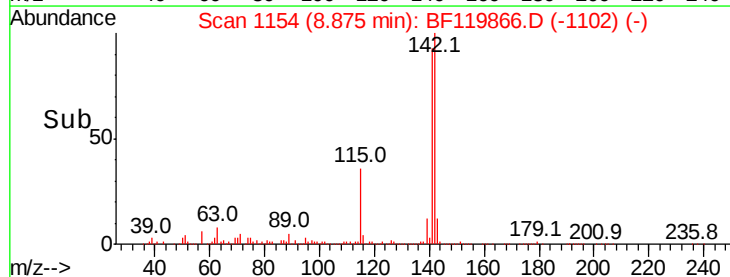
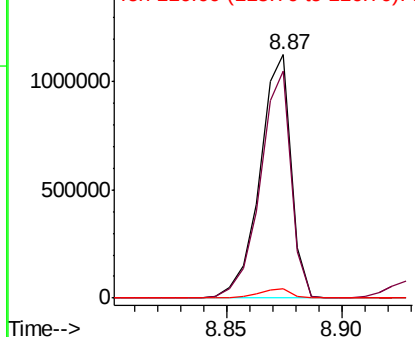


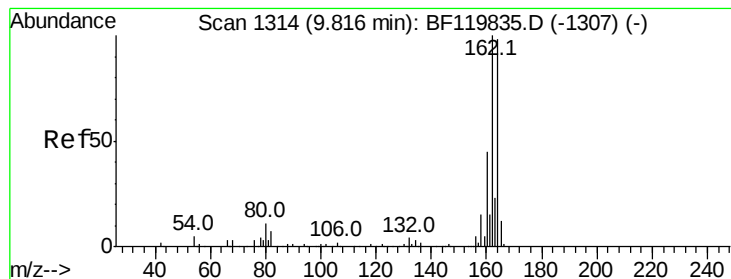
#38
 1-Methylnaphthalene
 Concen: 51.907 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion:142 Resp: 1061741
 Ion Ratio Lower Upper
 142 100
 141 93.0 72.9 109.3
 116 3.7 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.02 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

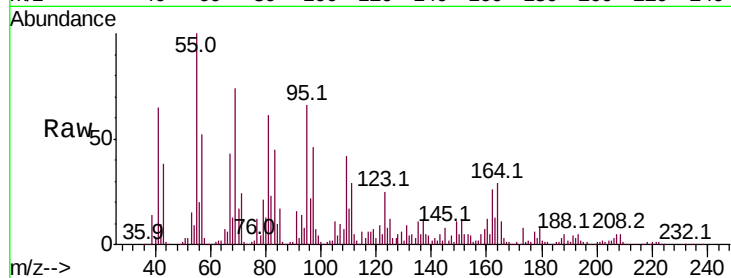
Tot Ion:164 Resp: 250842

Ion Ratio Lower Upper

164 100

162 91.6 81.9 122.9

160 42.1 36.6 54.8

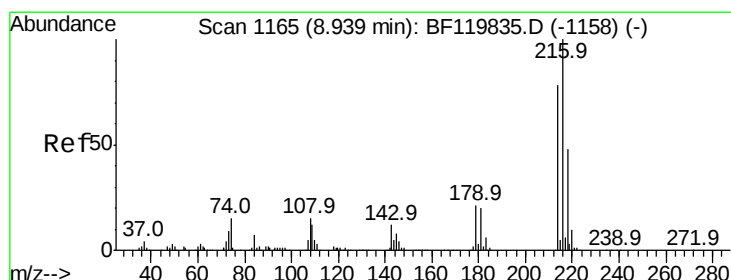
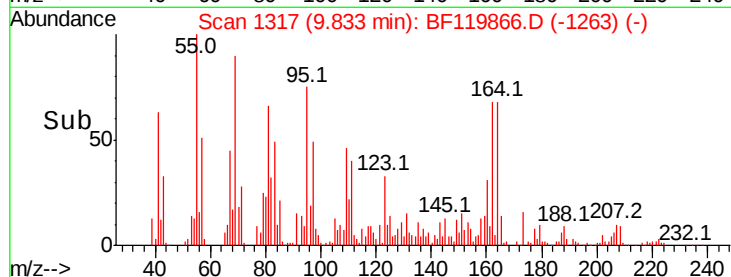
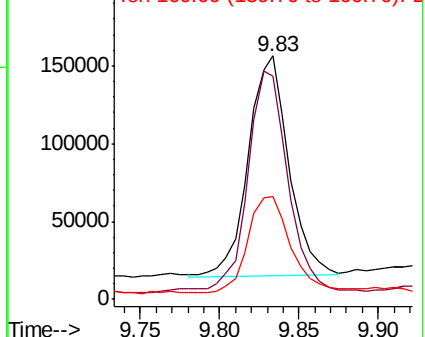


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.439 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Tgt Ion:216 Resp: 478841

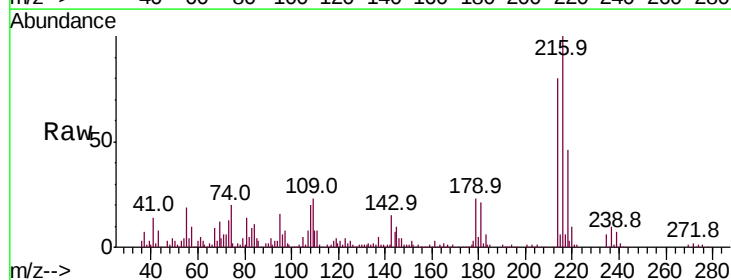
Ion Ratio Lower Upper

216 100

214 79.1 63.1 94.7

179 20.1 17.0 25.4

108 21.7 14.8 22.2



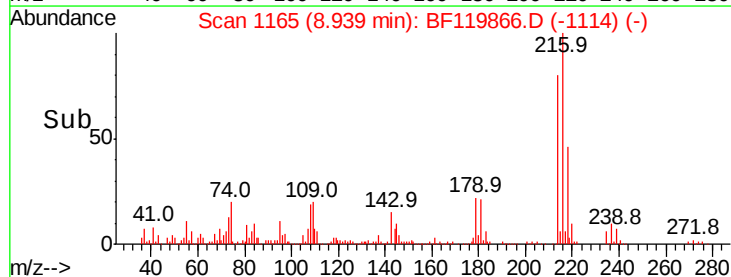
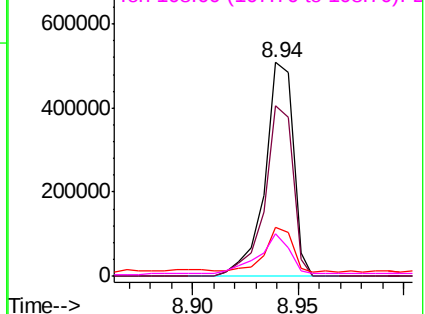
Abundance

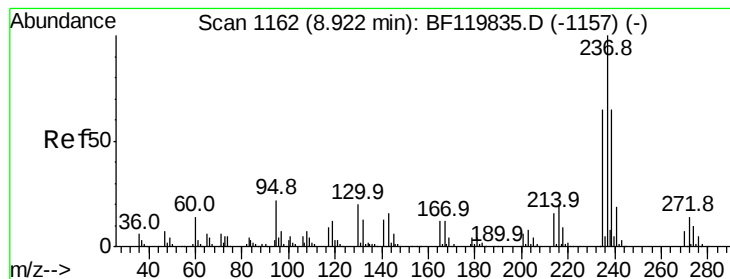
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 130.705 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

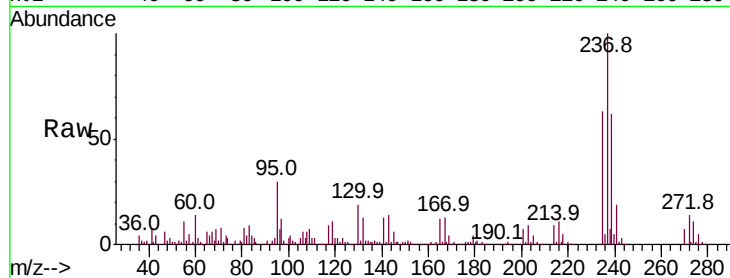
Tot Ion:237 Resp: 588841

Ion Ratio Lower Upper

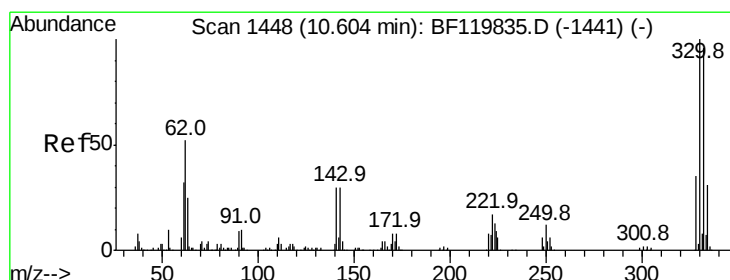
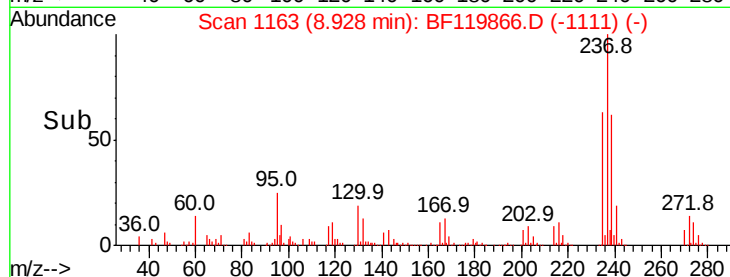
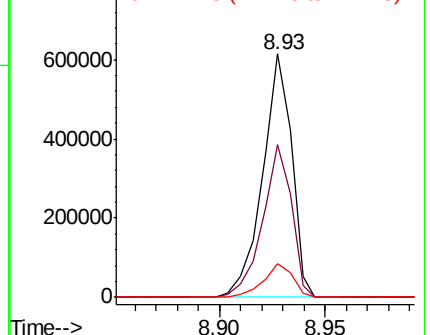
237 100

235 62.6 44.9 84.9

272 13.9 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.019 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.03 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

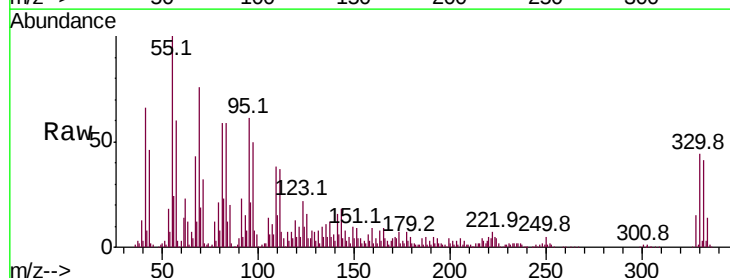
Tgt Ion:330 Resp: 396238

Ion Ratio Lower Upper

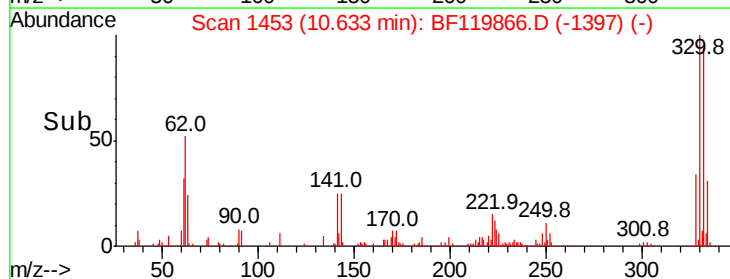
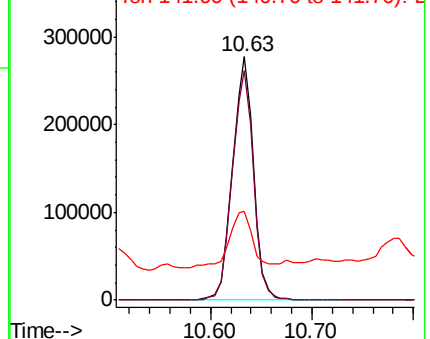
330 100

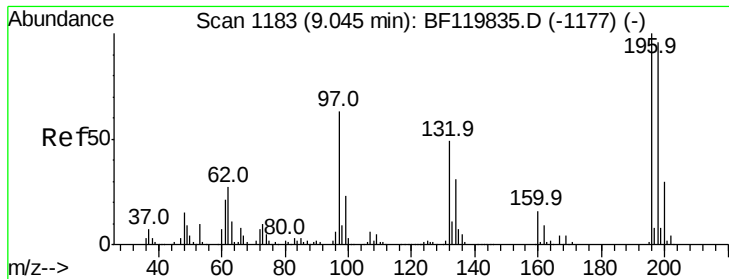
332 95.5 76.8 115.2

141 26.2 25.1 37.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

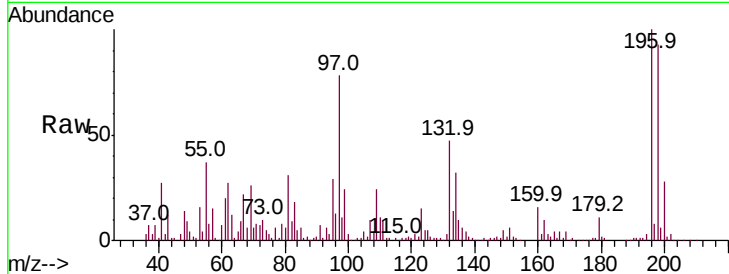




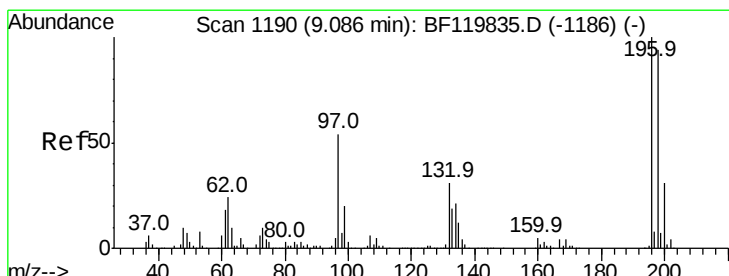
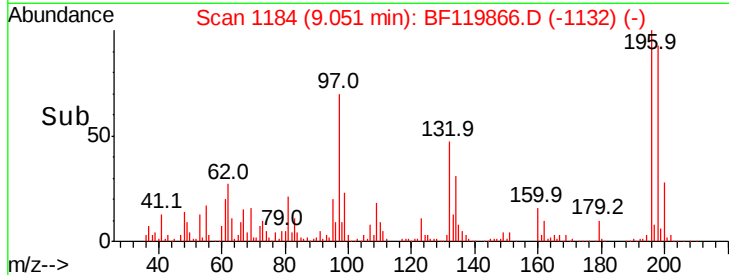
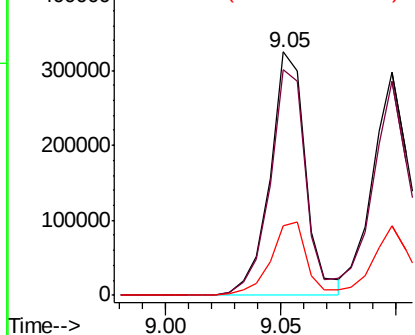
#43
 2,4,6-Trichlorophenol
 Concen: 63.183 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Tot Ion:196 Resp: 345671
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.6 115.0
 200 28.4 24.2 36.2



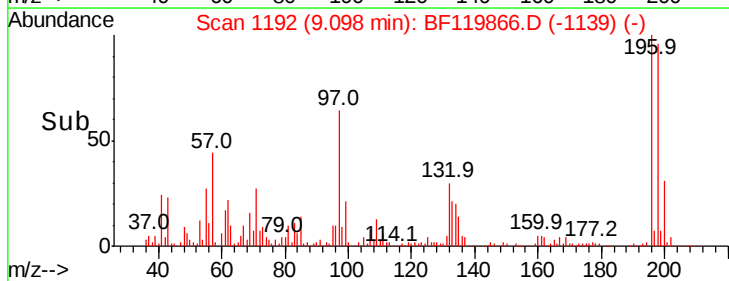
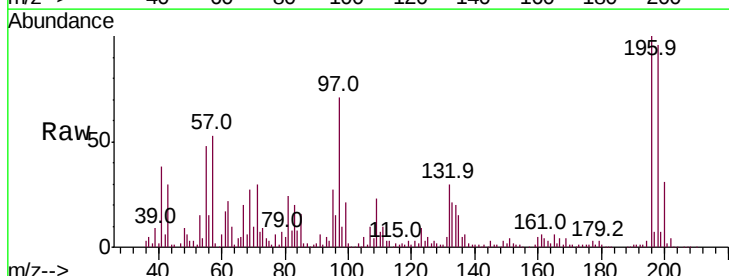
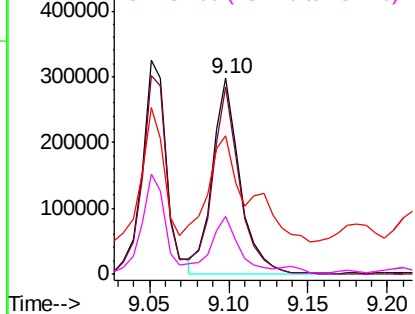
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

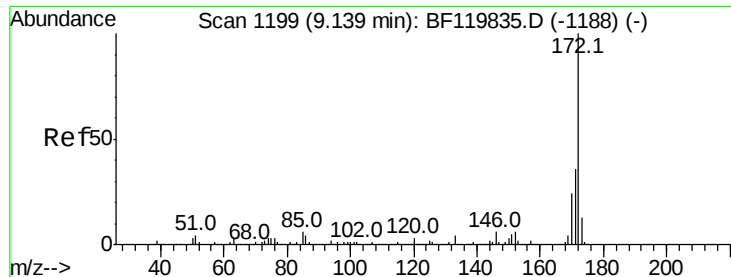


#44
 2,4,5-Trichlorophenol
 Concen: 57.609 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion:196 Resp: 354985
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.1 112.7
 97 70.9 43.4 65.2#
 132 29.8 24.5 36.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



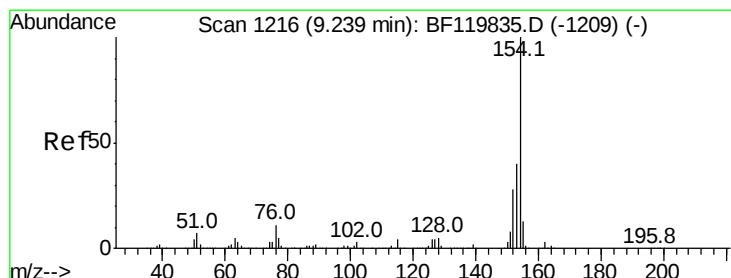
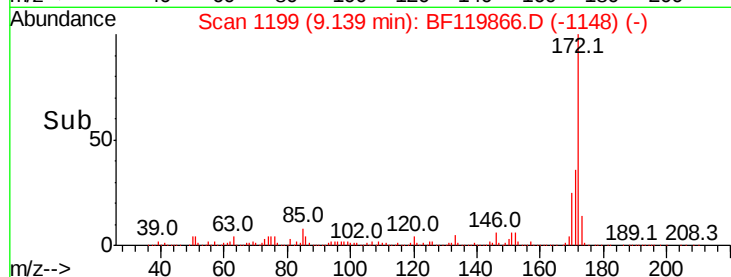
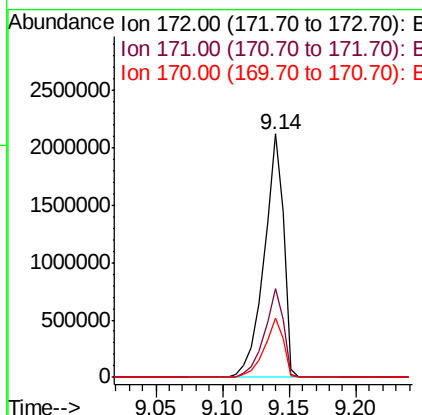
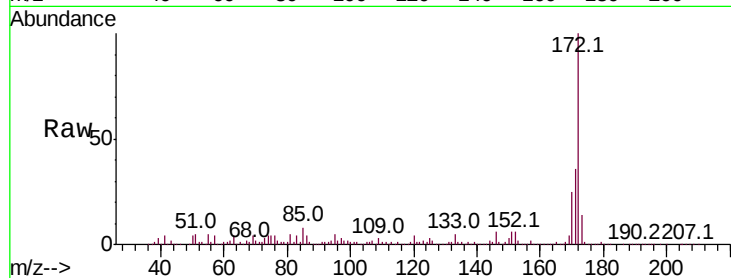


#45
 2-Fluorobiphenyl
 Concen: 120.723 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleID :
 72-11991MS

Tot Ion:172 Resp: 2132897

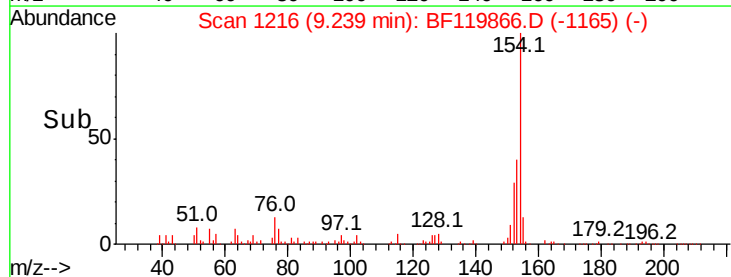
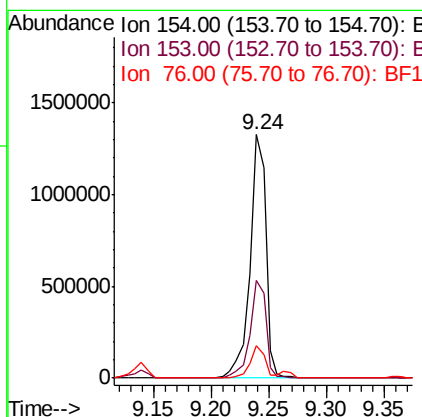
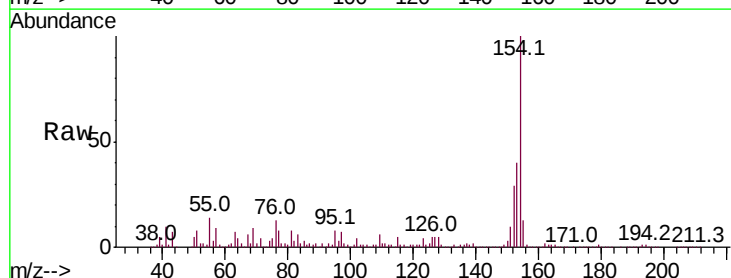
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2

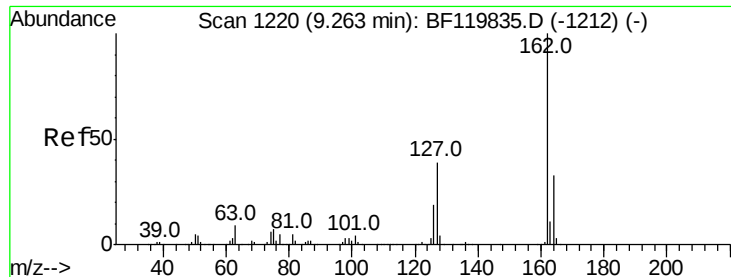


#46
 1,1'-Biphenyl
 Concen: 59.105 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion:154 Resp: 1251392

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	13.5	0.0	30.6

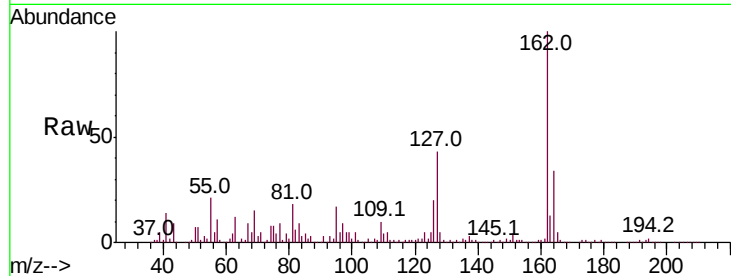




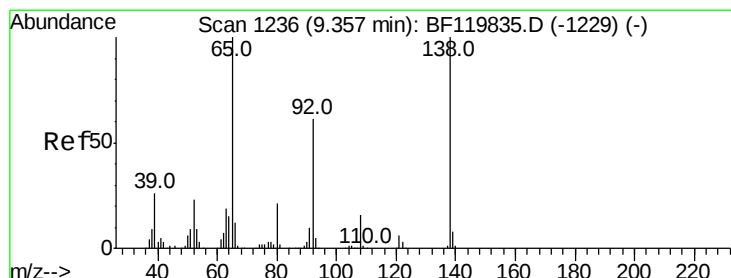
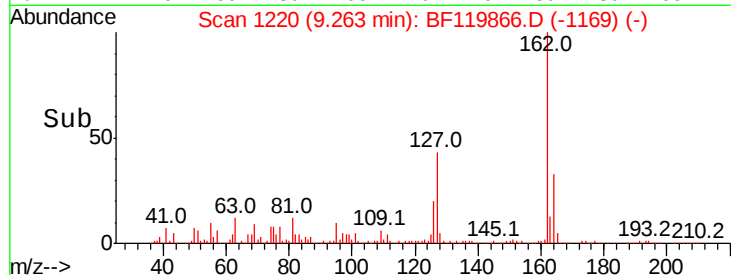
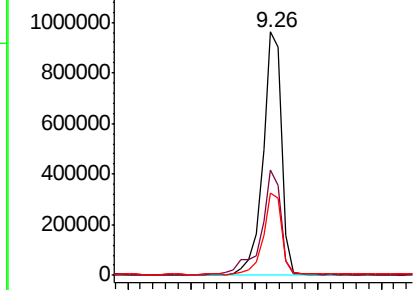
#47
 2-Chloronaphthalene
 Concen: 60.532 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Tot Ion:162 Resp: 987280
 Ion Ratio Lower Upper
 162 100
 127 43.4 31.2 46.8
 164 33.6 26.3 39.5

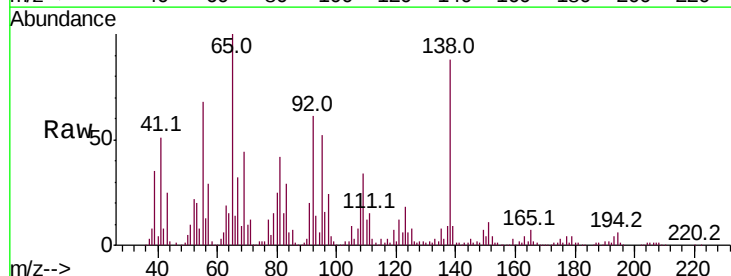


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

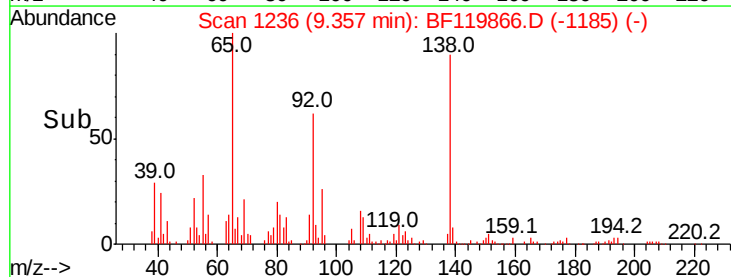
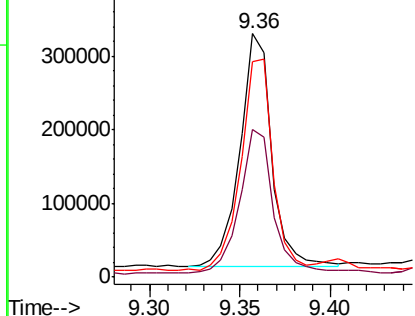


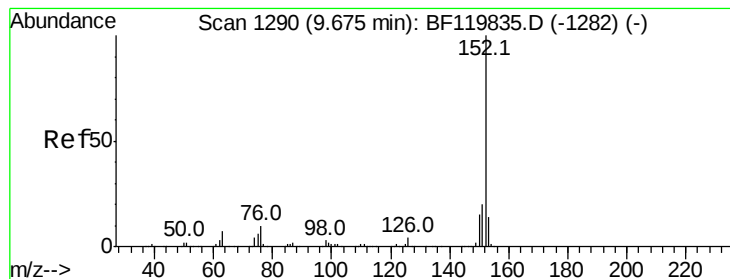
#48
 2-Nitroaniline
 Concen: 65.545 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion: 65 Resp: 387409
 Ion Ratio Lower Upper
 65 100
 92 60.7 49.0 73.6
 138 88.4 79.7 119.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 57.075 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

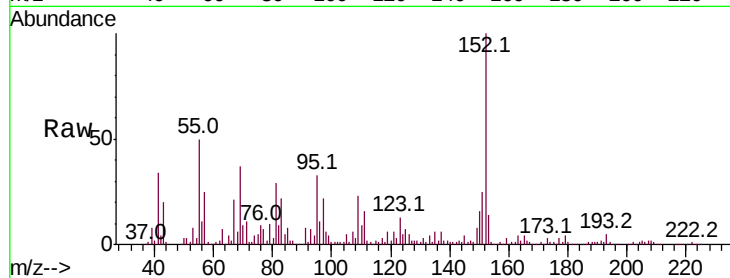
Tot Ion:152 Resp: 1415728

Ion Ratio Lower Upper

152 100

151 24.5 16.2 24.4#

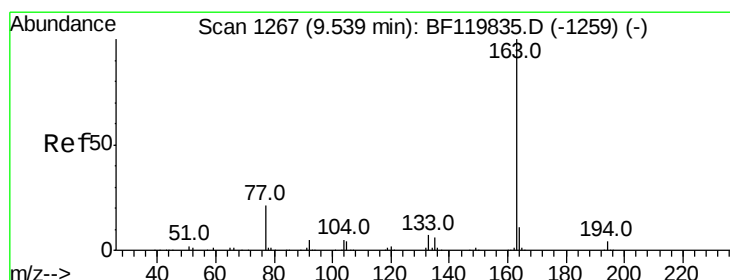
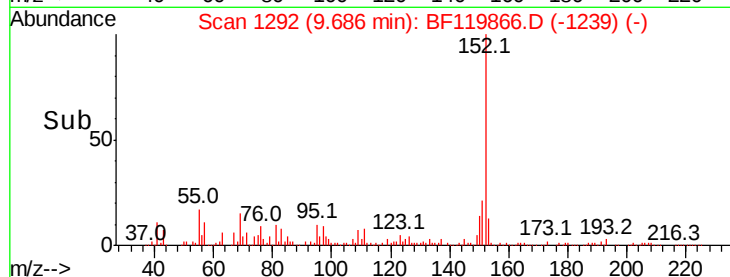
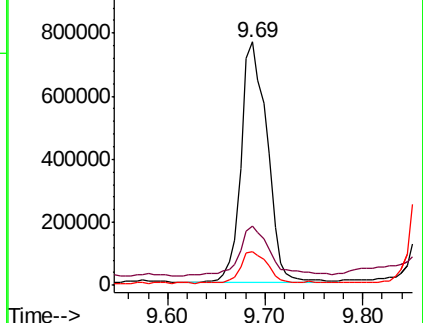
153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 69.161 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

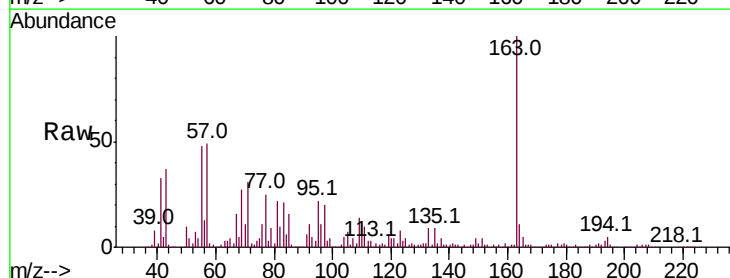
Tgt Ion:163 Resp: 1341880

Ion Ratio Lower Upper

163 100

194 5.0 3.0 4.4#

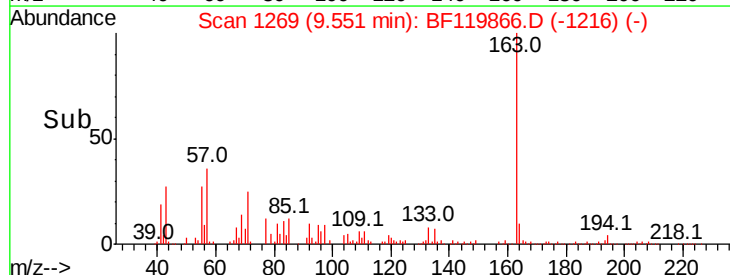
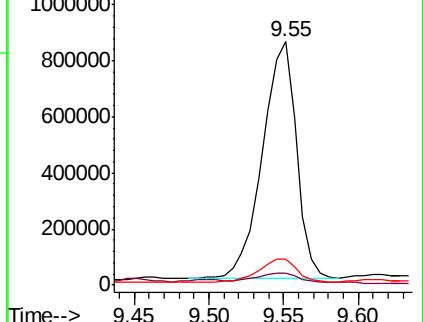
164 10.8 8.4 12.6

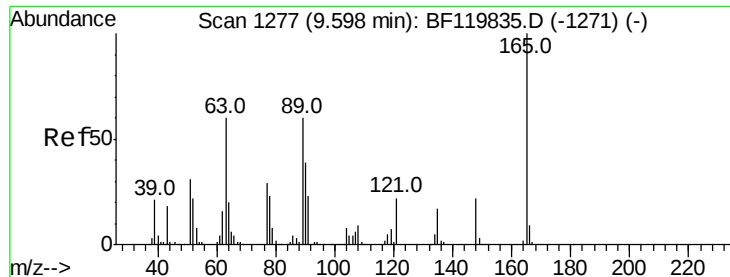


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

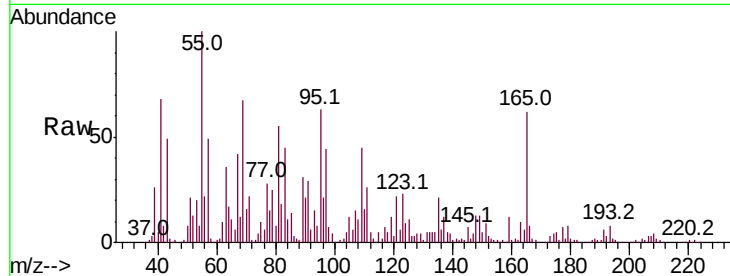




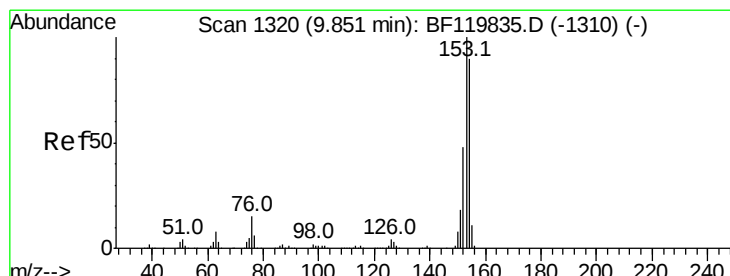
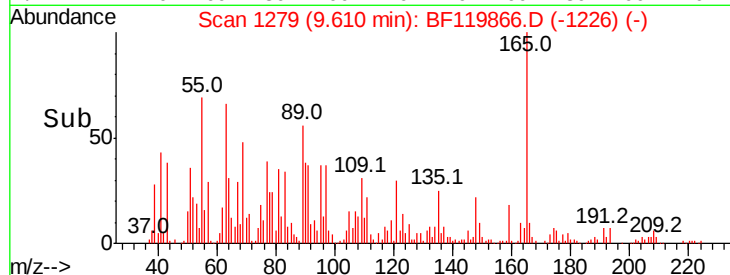
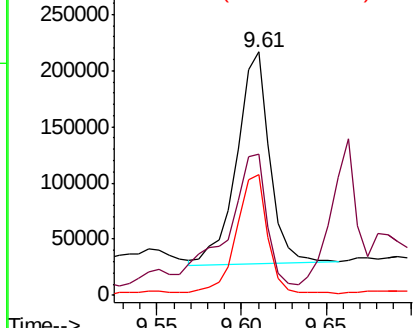
#51
2,6-Dinitrotoluene
Concen: 60.152 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tot Ion:165 Resp: 255573
Ion Ratio Lower Upper
165 100
63 58.2 55.6 83.4
89 49.4 47.9 71.9

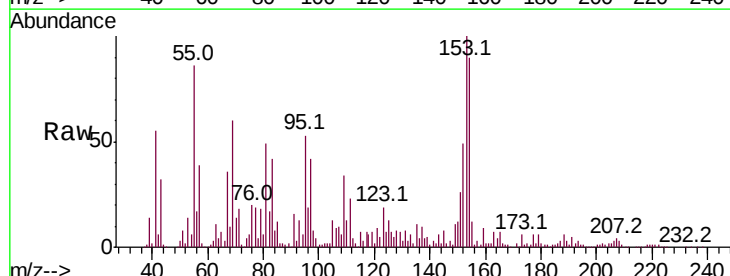


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

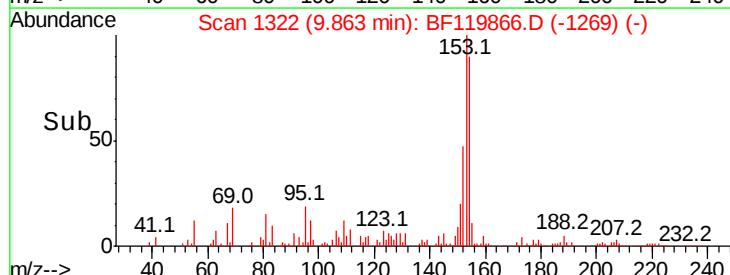
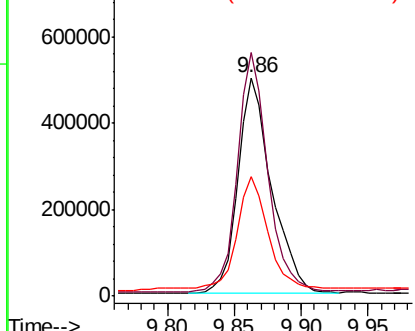


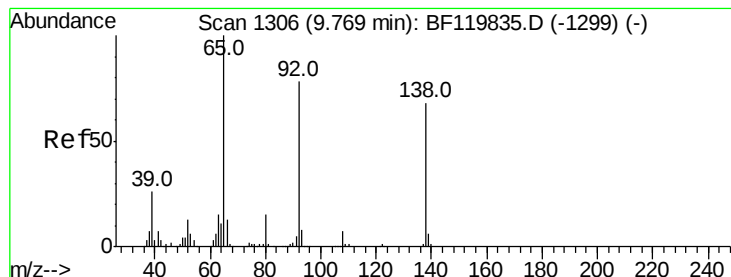
#52
Acenaphthene
Concen: 53.017 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:154 Resp: 877245
Ion Ratio Lower Upper
154 100
153 111.7 88.8 133.2
152 54.5 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.334 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

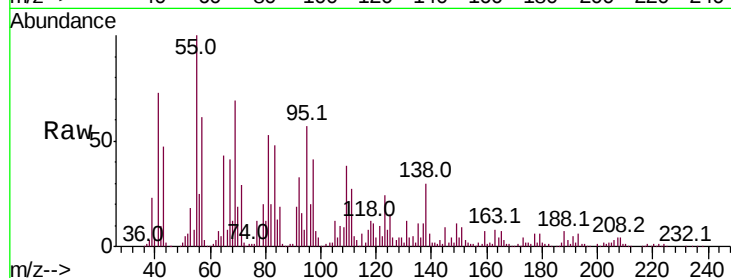
Tot Ion:138 Resp: 161755

Ion Ratio Lower Upper

138 100

108 29.1 8.0 12.0#

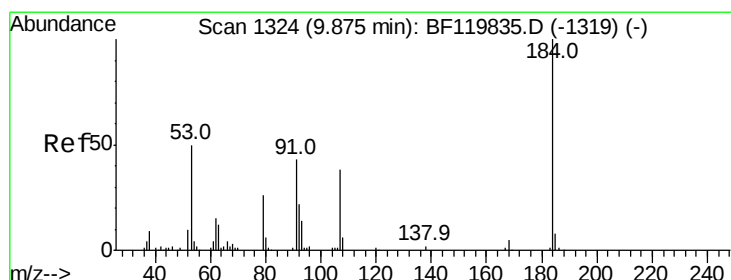
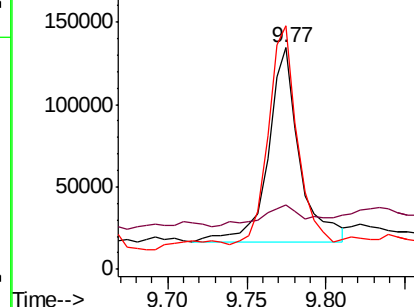
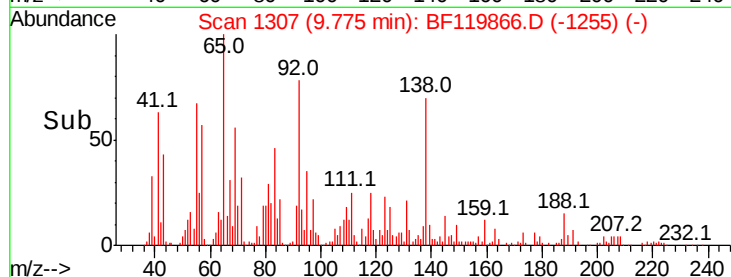
92 110.0 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 71.678 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

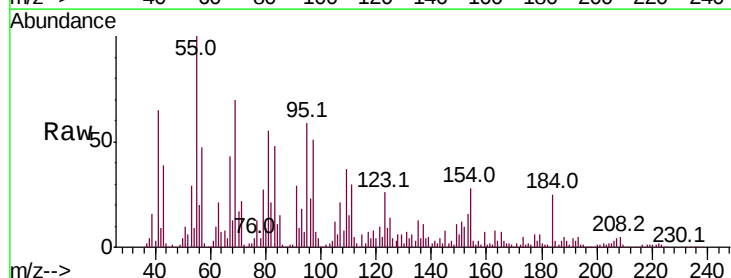
Tgt Ion:184 Resp: 182331

Ion Ratio Lower Upper

184 100

63 83.8 49.8 74.6#

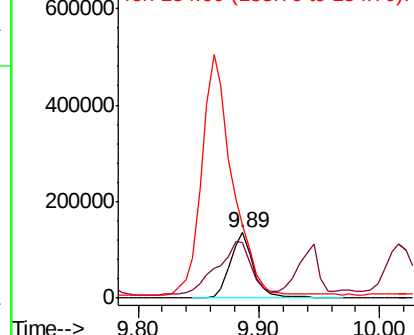
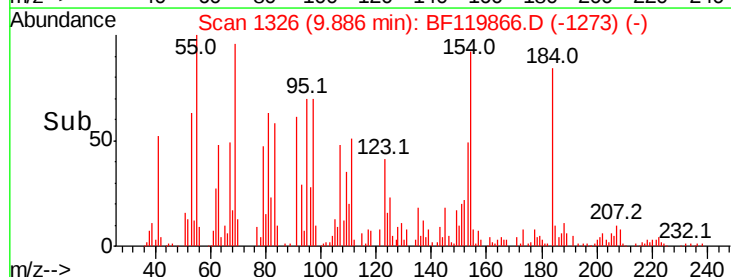
154 111.7 46.5 69.7#

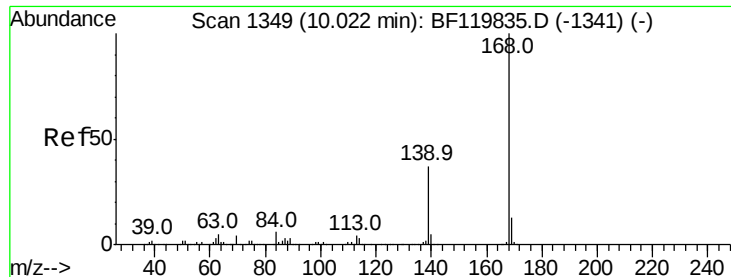


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.025 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.02 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

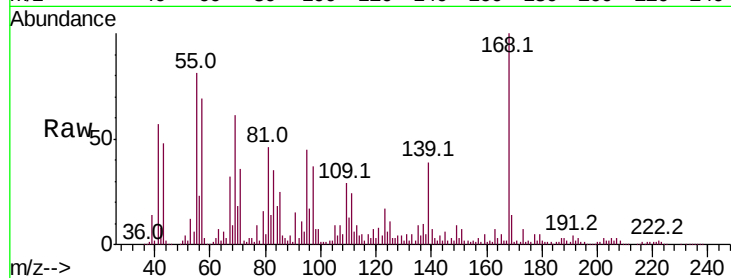
Tot Ion:168 Resp: 1113147

Ion Ratio Lower Upper

168 100

139 39.2 29.8 44.6

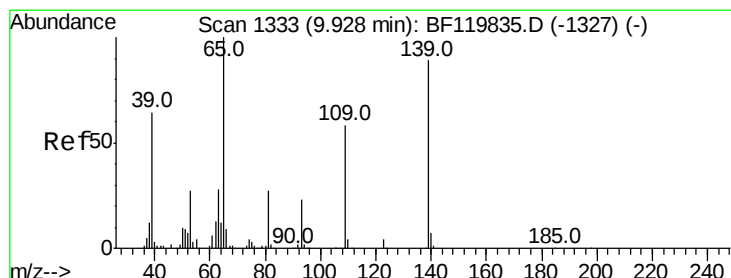
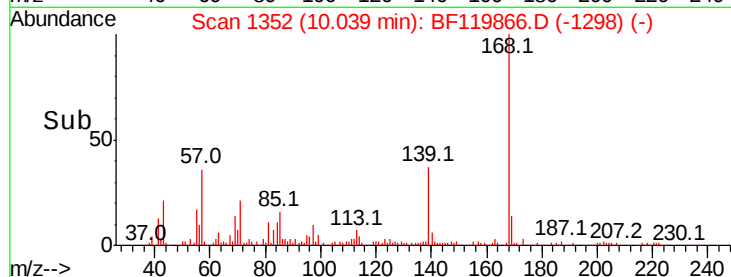
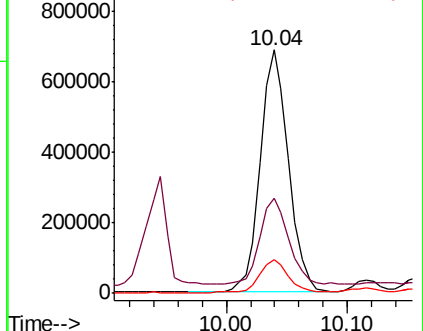
169 14.1 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 100.208 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

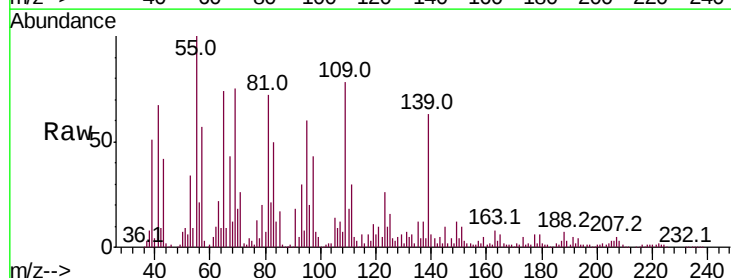
Tgt Ion:139 Resp: 361803

Ion Ratio Lower Upper

139 100

109 123.3 45.5 85.5#

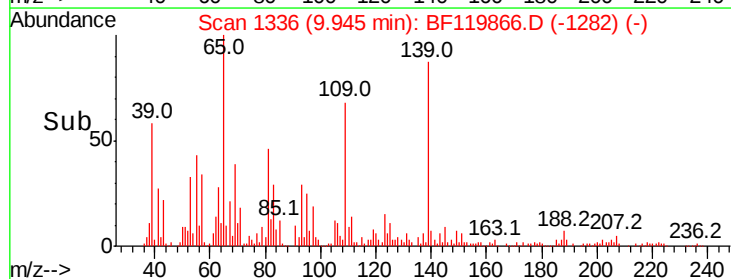
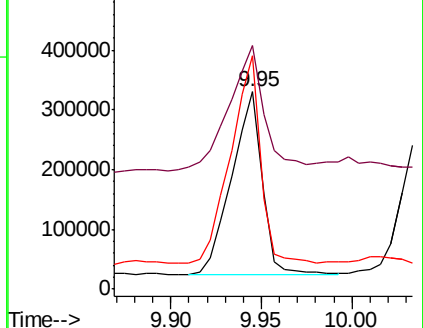
65 117.9 92.3 132.3

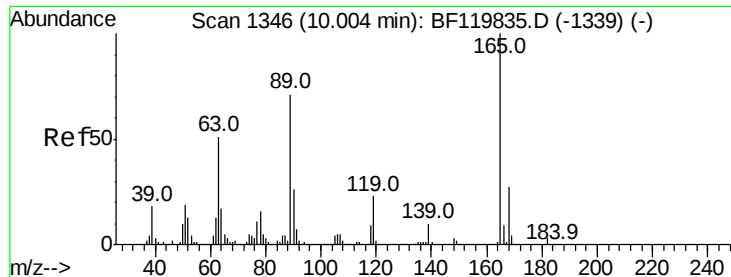


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

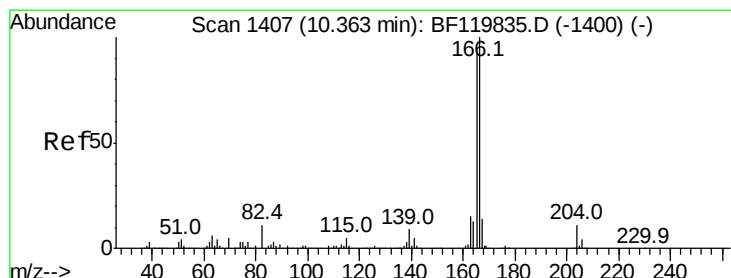
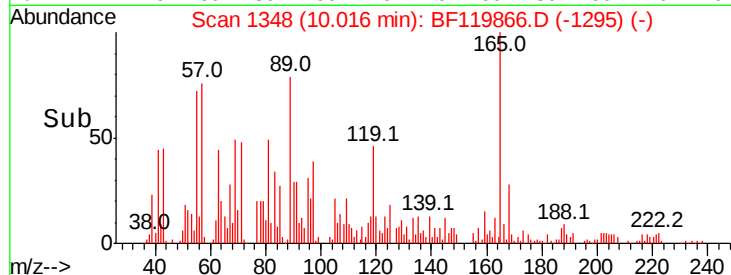
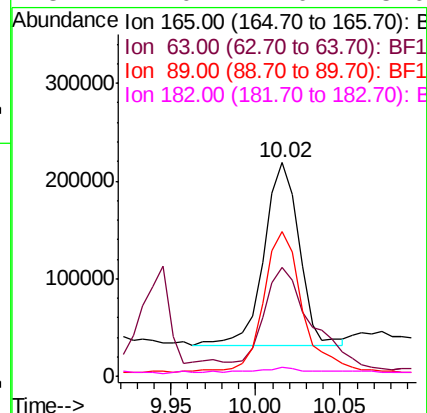
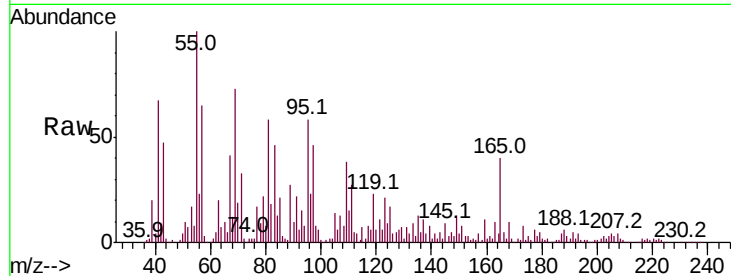




#57
 2,4-Dinitrotoluene
 Concen: 48.160 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

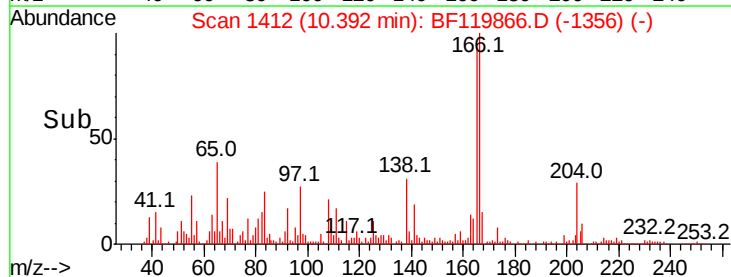
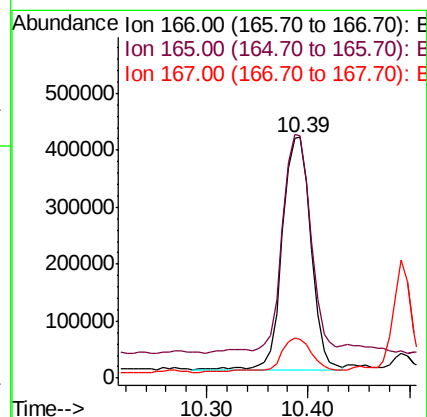
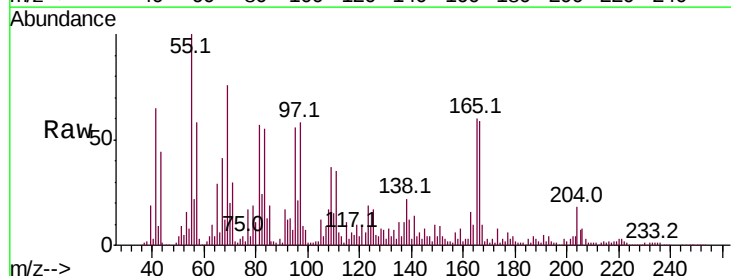
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

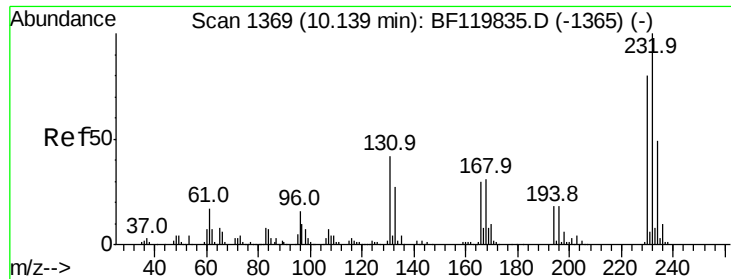
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	40.8	61.2
89	67.9	56.9	85.3
182	4.0	2.0	3.0



#58
 Fluorene
 Concen: 44.119 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.03 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	74.2	111.2
167	16.3	10.8	16.2

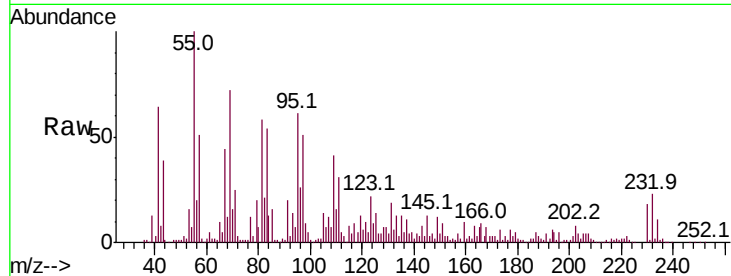




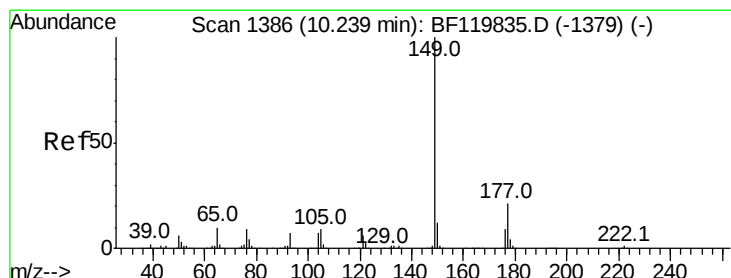
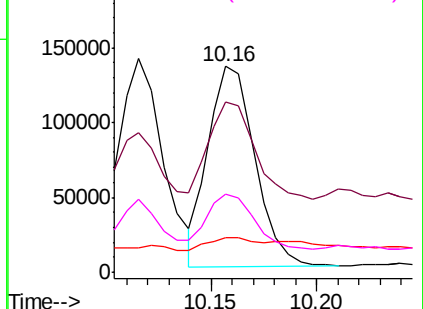
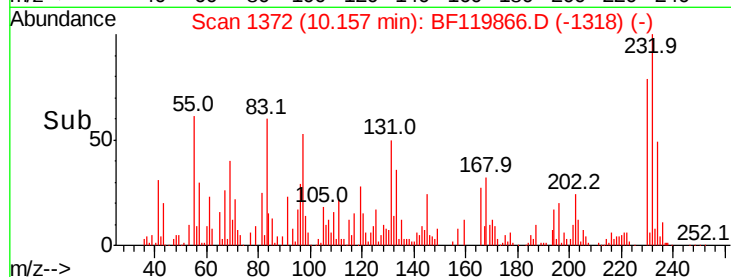
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.779 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tot Ion:232 Resp: 206320
Ion Ratio Lower Upper
232 100
131 51.6 37.9 56.9
130 6.8 1.8 2.6#
166 28.5 25.4 38.0

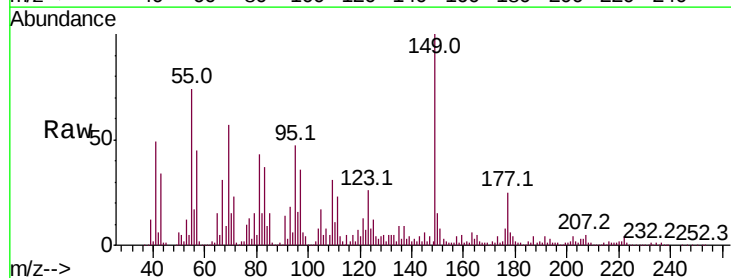


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

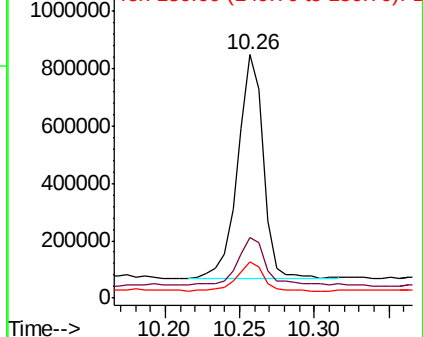
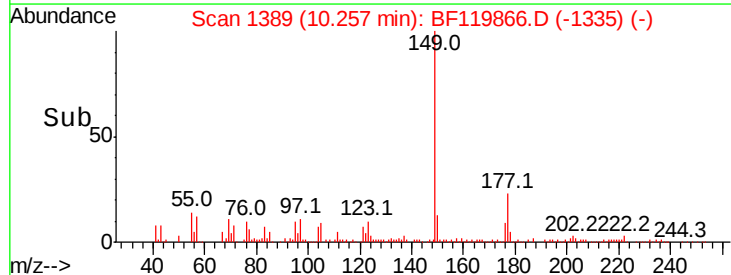


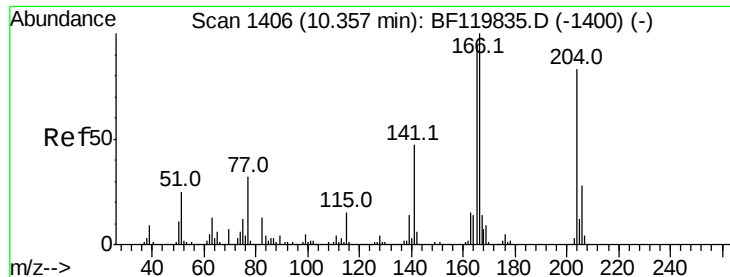
#60
Diethylphthalate
Concen: 45.967 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:149 Resp: 924356
Ion Ratio Lower Upper
149 100
177 24.6 16.8 25.2
150 14.9 9.8 14.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

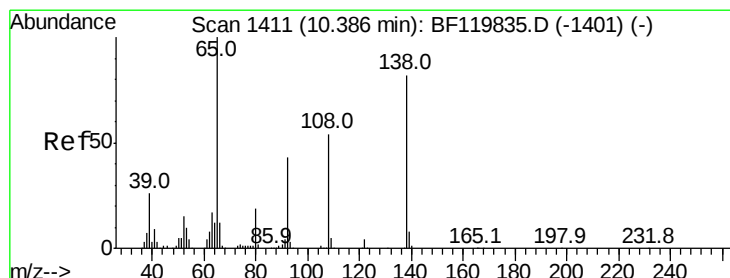
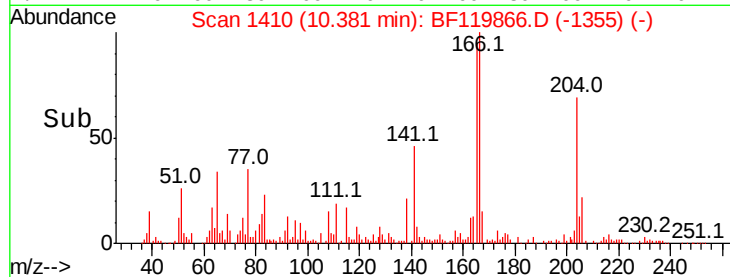
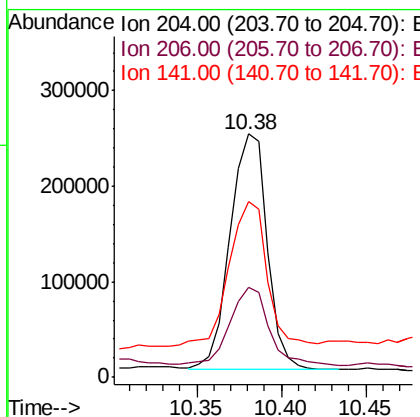
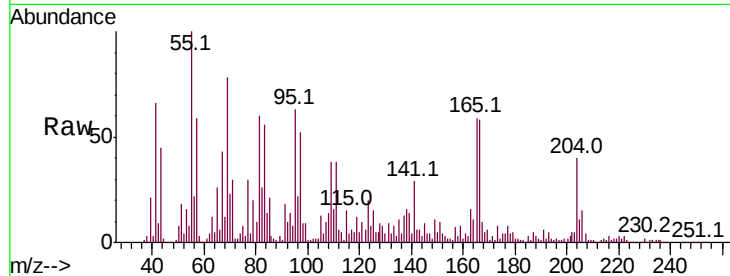




#61
 4-Chlorophenyl-phenylether
 Concen: 40.554 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.02 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

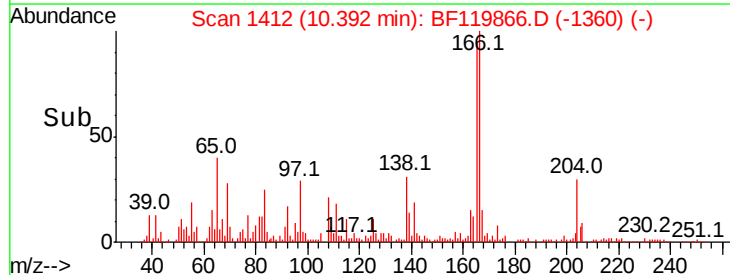
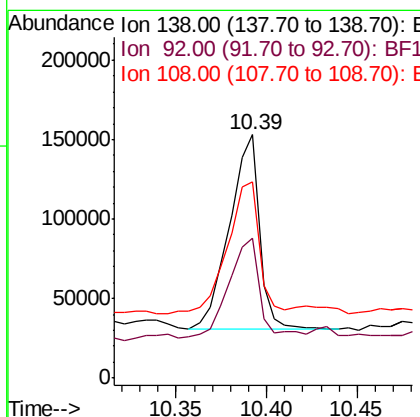
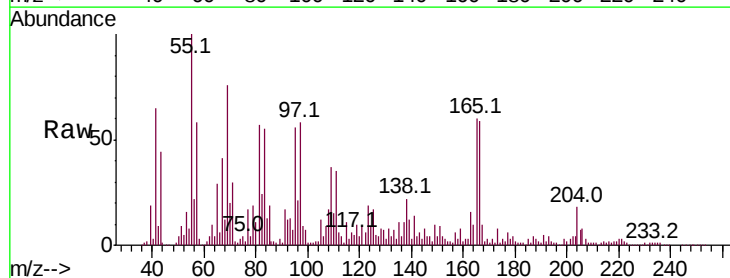
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

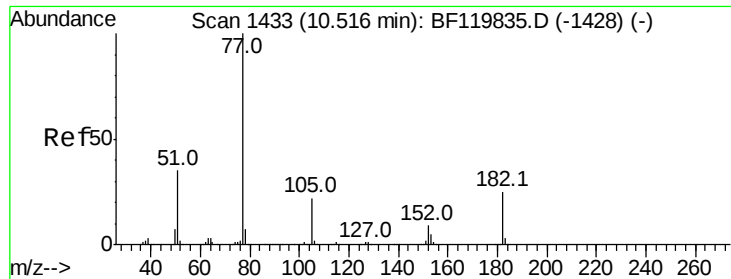
Tot Ion:204 Resp: 377436
 Ion Ratio Lower Upper
 204 100
 206 37.2 26.7 40.1
 141 72.2 45.8 68.8#



#62
 4-Nitroaniline
 Concen: 30.453 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion:138 Resp: 140830
 Ion Ratio Lower Upper
 138 100
 92 57.3 31.6 71.6
 108 80.5 45.2 85.2





#63

Azobenzene

Concen: 44.329 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.03 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

Tot Ion: 77 Resp: 798871

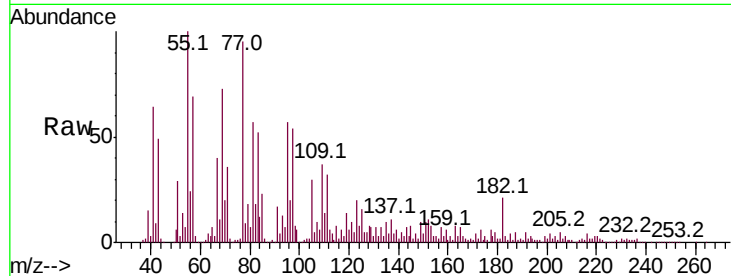
Ion Ratio Lower Upper

77 100

182 22.2 4.5 44.5

105 31.4 2.2 42.2

51 30.9 15.1 55.1

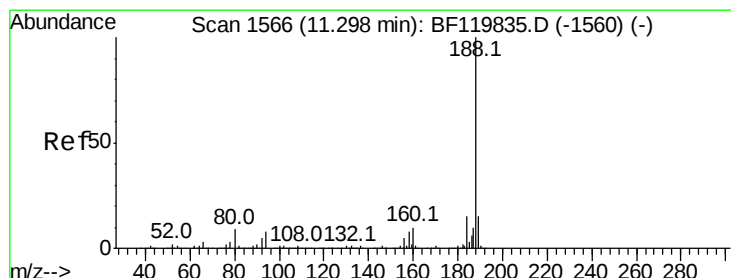
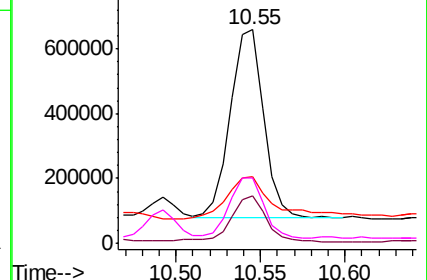
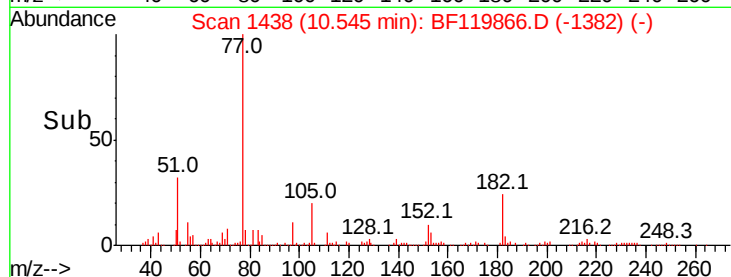


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.04 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

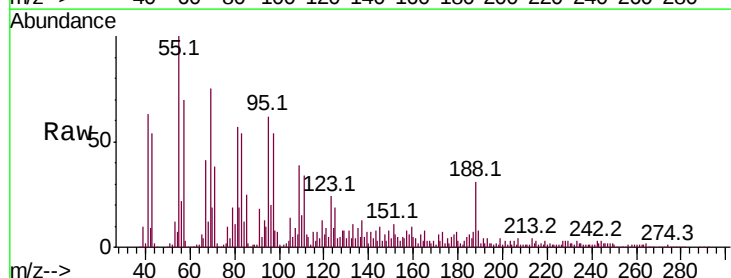
Tgt Ion: 188 Resp: 301973

Ion Ratio Lower Upper

188 100

94 32.4 6.7 10.1#

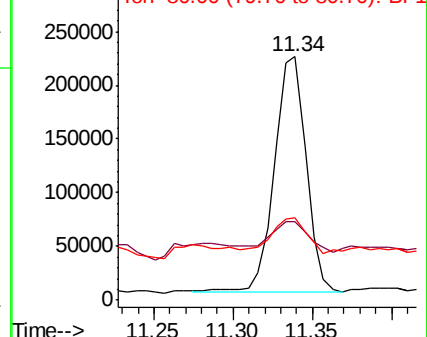
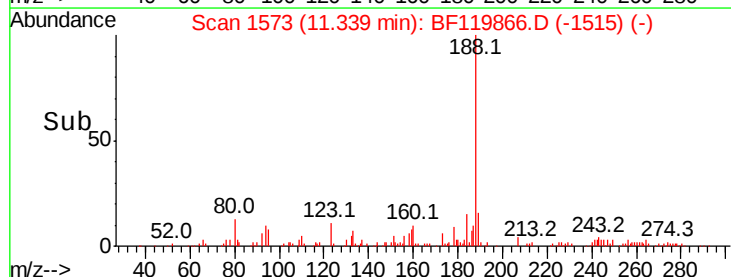
80 33.7 7.4 11.2#

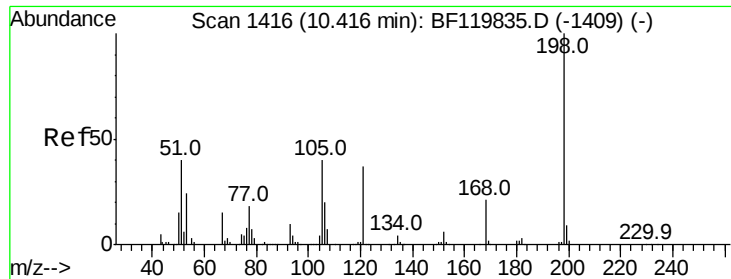


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 50.489 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

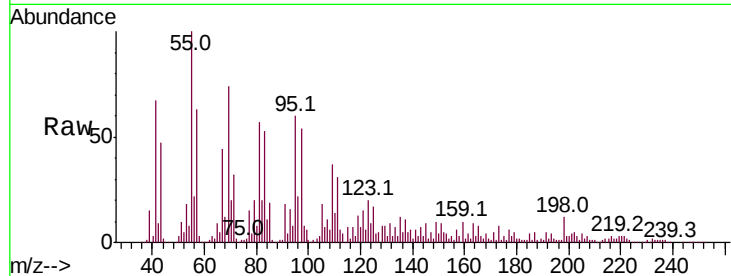
Tot Ion:198 Resp: 100445

Ion Ratio Lower Upper

198 100

51 81.4 25.2 65.2#

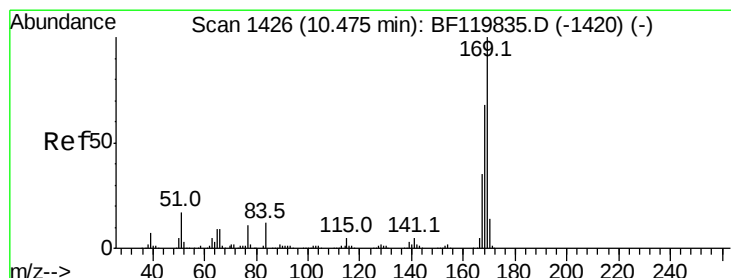
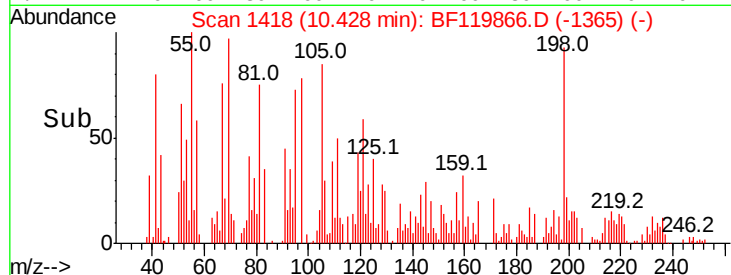
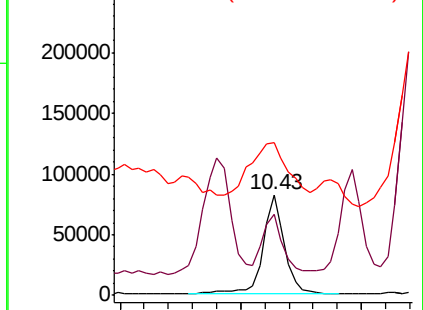
105 152.3 20.8 60.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 69.285 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.02 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

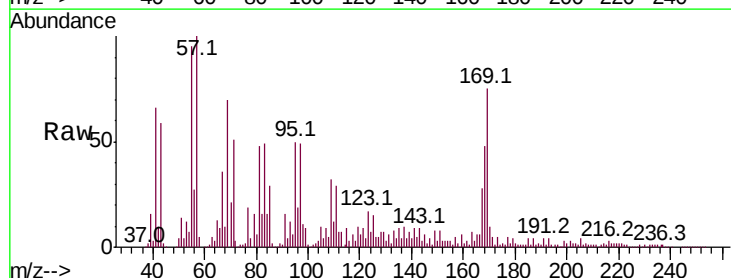
Tgt Ion:169 Resp: 695814

Ion Ratio Lower Upper

169 100

168 64.7 54.2 81.4

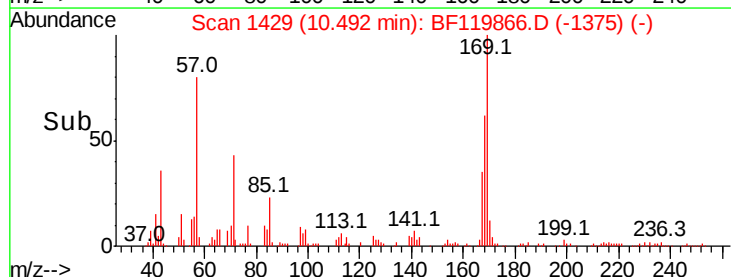
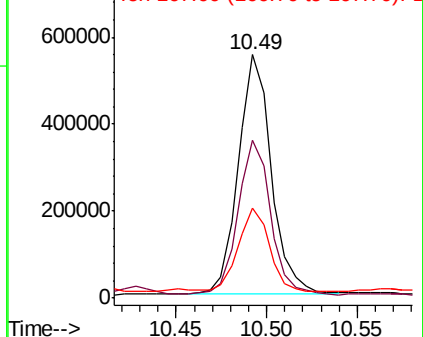
167 37.2 28.3 42.5

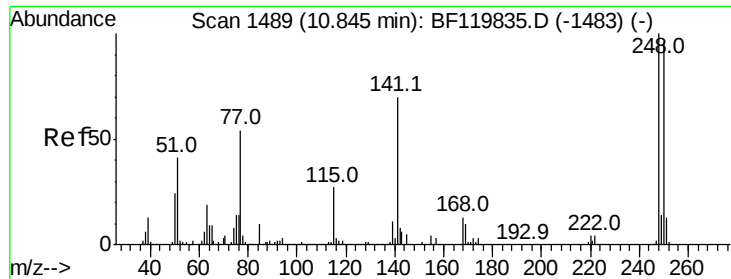


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

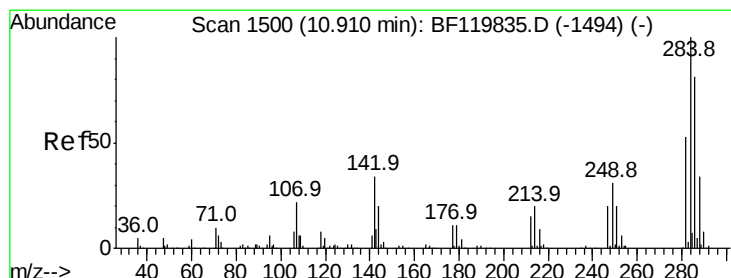
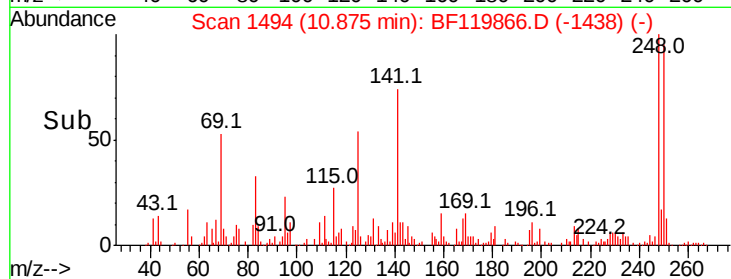
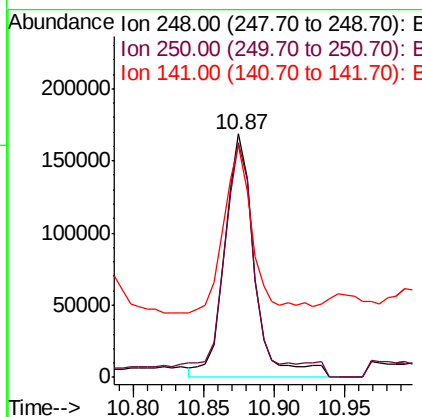
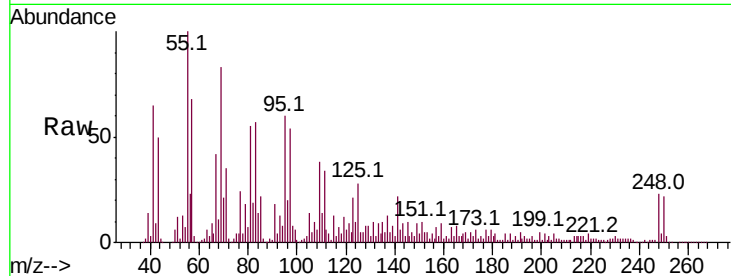




#67
4-Bromophenyl-phenylether
Concen: 65.926 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.03 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

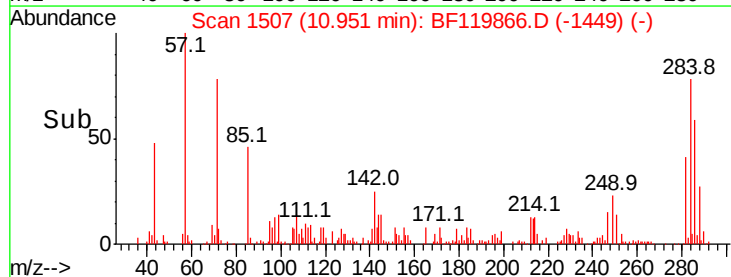
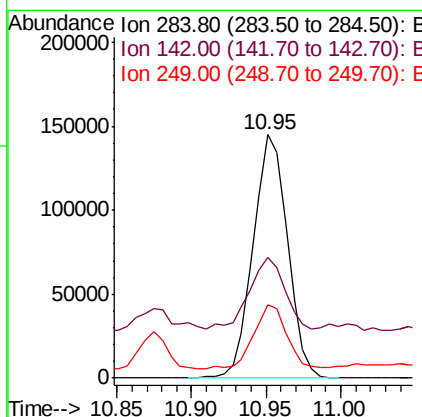
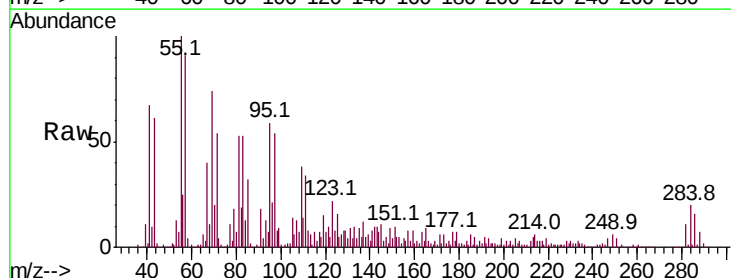
Instrument :
BNA_F
ClientSampleId :
72-11991MS

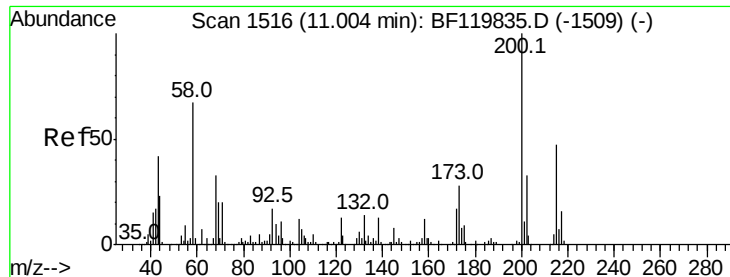
Tot Ion:248 Resp: 247576
Ion Ratio Lower Upper
248 100
250 96.4 76.6 114.8
141 95.5 55.9 83.9#



#68
Hexachlorobenzene
Concen: 60.337 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.04 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:284 Resp: 229864
Ion Ratio Lower Upper
284 100
142 49.8 26.9 40.3#
249 30.1 24.6 37.0

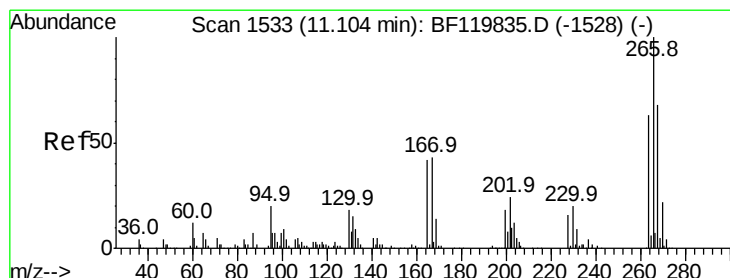
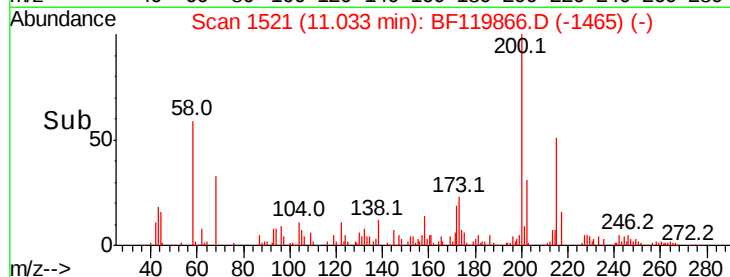
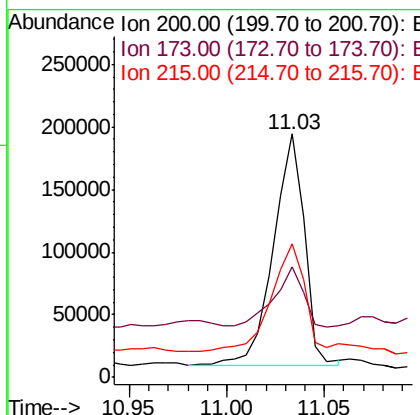
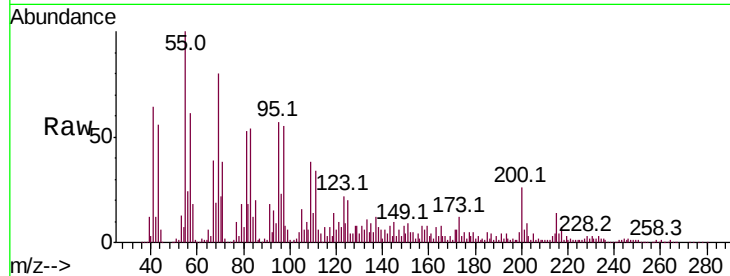




#69
Atrazine
Concen: 72.767 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.03 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

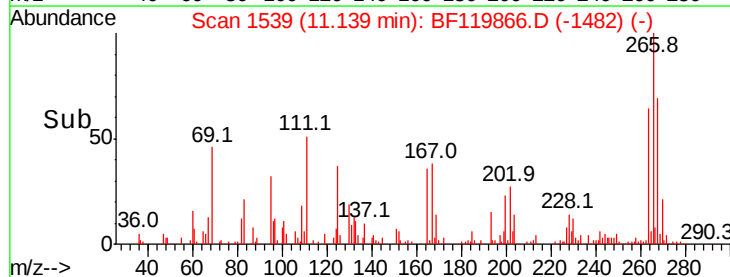
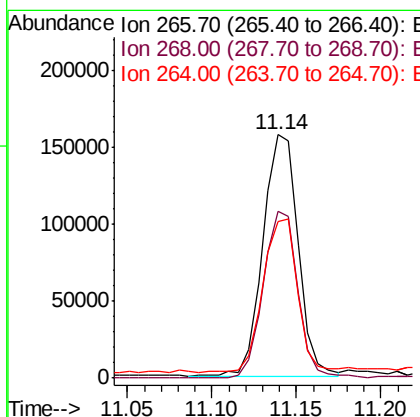
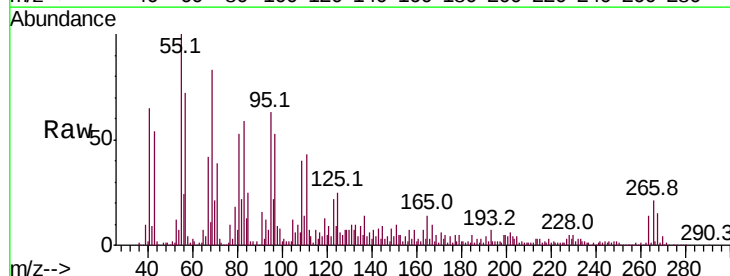
Instrument :
BNA_F
ClientSampleId :
72-11991MS

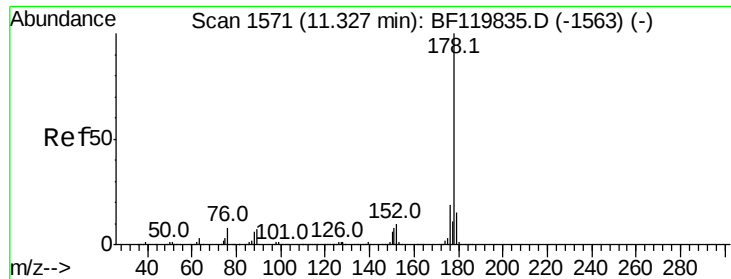
Tot Ion	Ratio	Lower	Upper
200	100		
173	45.6	8.0	48.0
215	55.0	27.1	67.1



#70
Pentachlorophenol
Concen: 103.403 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.04 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.6	54.2	81.4
264	64.3	50.6	76.0





#71

Phenanthrene

Concen: 55.554 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.04 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

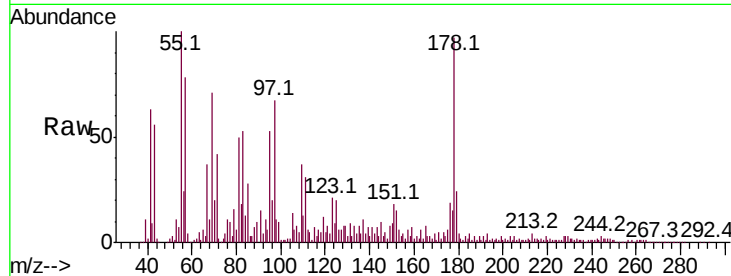
Tot Ion:178 Resp: 892834

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

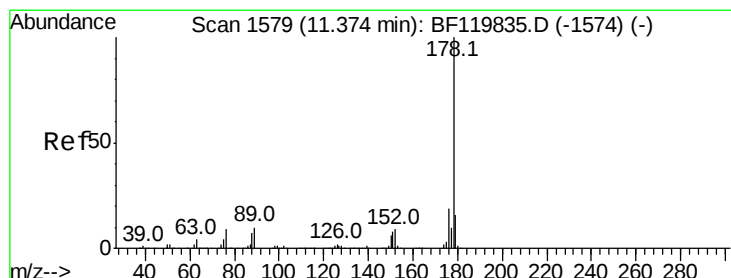
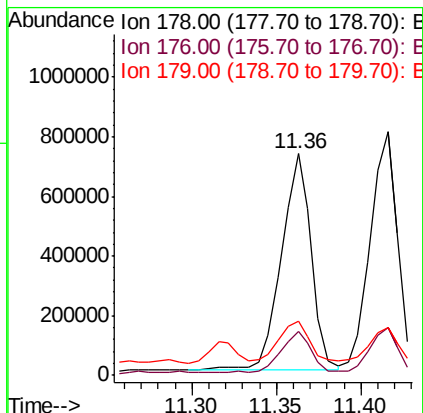
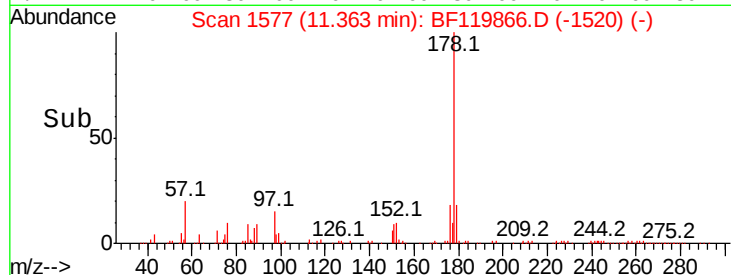
179 24.5 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.426 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.04 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

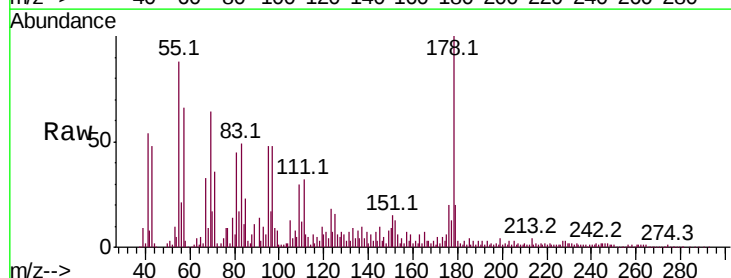
Tgt Ion:178 Resp: 893553

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

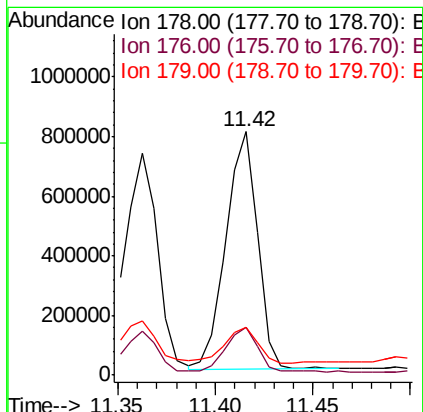
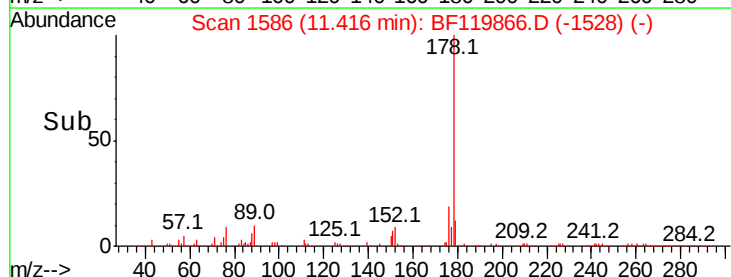
179 19.7 12.8 19.2#

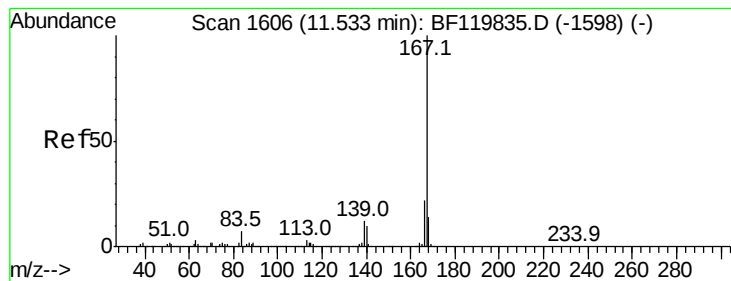


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 54.152 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.03 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

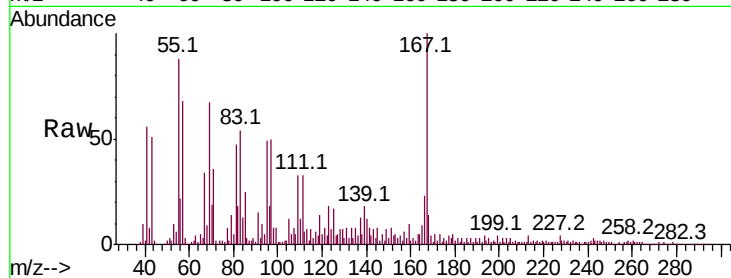
Tot Ion:167 Resp: 840760

Ion Ratio Lower Upper

167 100

166 23.4 17.4 26.0

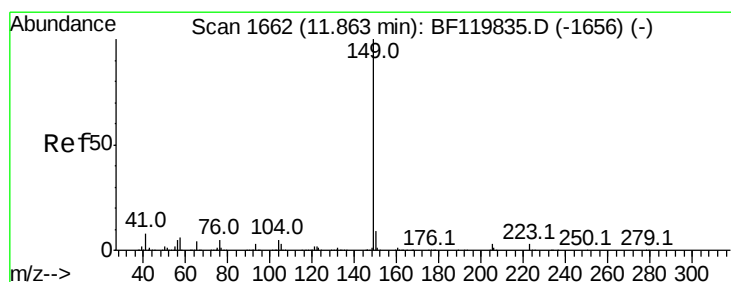
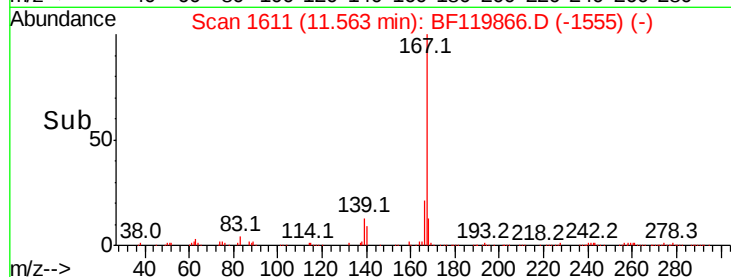
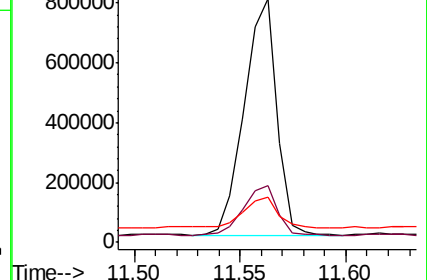
139 18.5 9.8 14.8#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 55.114 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.03 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

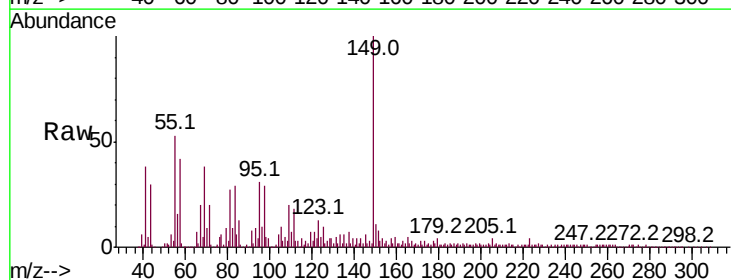
Tgt Ion:149 Resp: 1124882

Ion Ratio Lower Upper

149 100

150 11.4 7.6 11.4

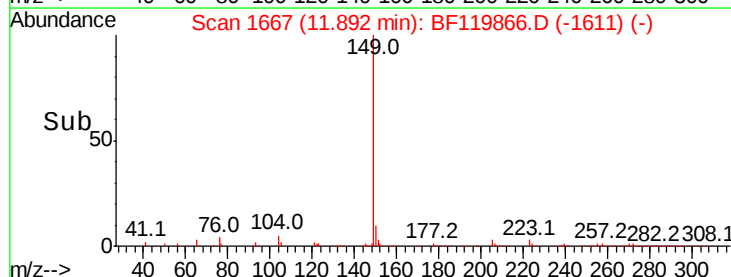
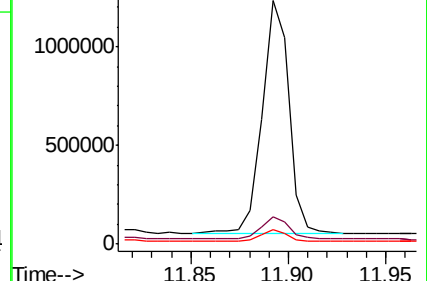
104 5.8 3.8 5.6#

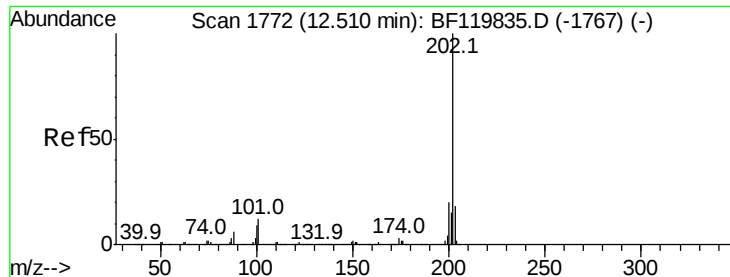


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 54.316 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.04 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

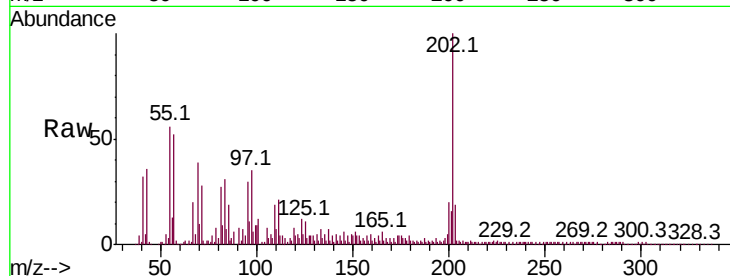
Tot Ion:202 Resp: 941884

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.3

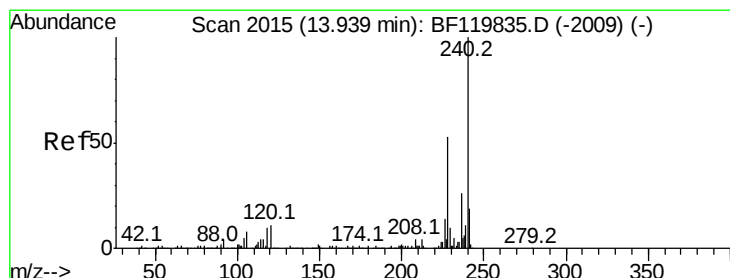
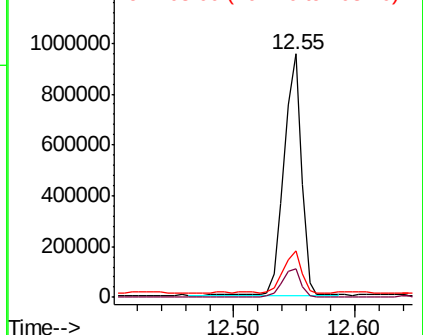
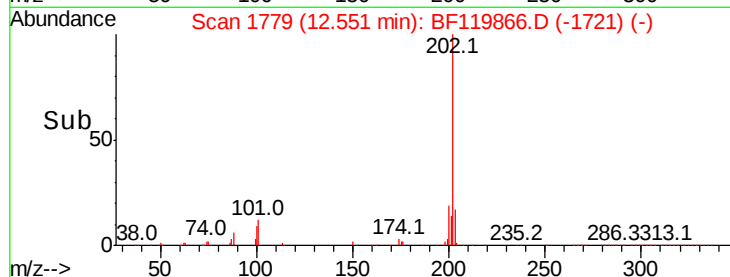
203 19.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.02 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

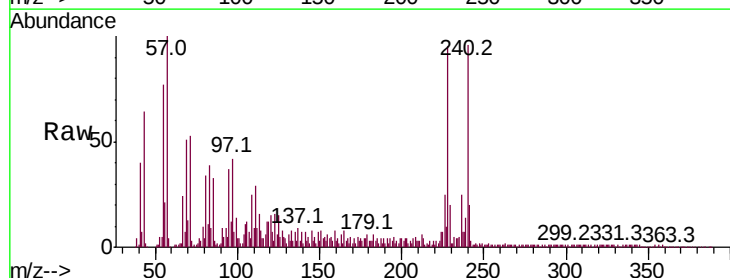
Tgt Ion:240 Resp: 258413

Ion Ratio Lower Upper

240 100

120 15.8 9.0 13.6#

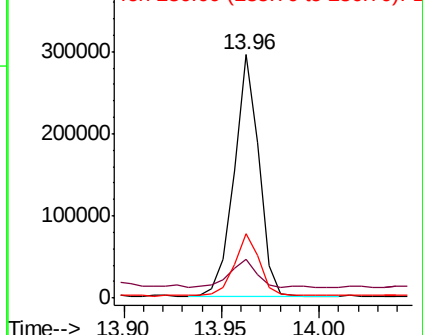
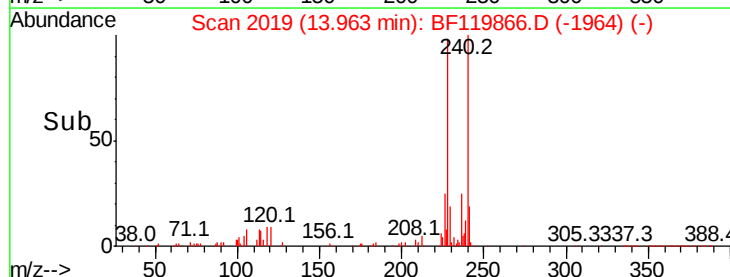
236 26.5 20.7 31.1

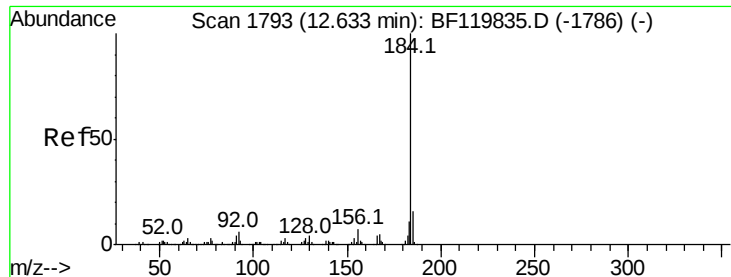


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.188 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.03 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

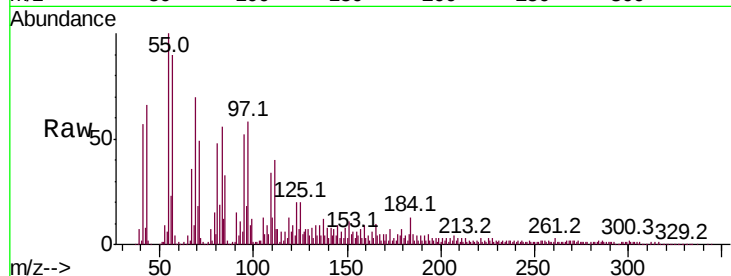
Tot Ion:184 Resp: 106460

Ion Ratio Lower Upper

184 100

185 41.1 13.2 19.8#

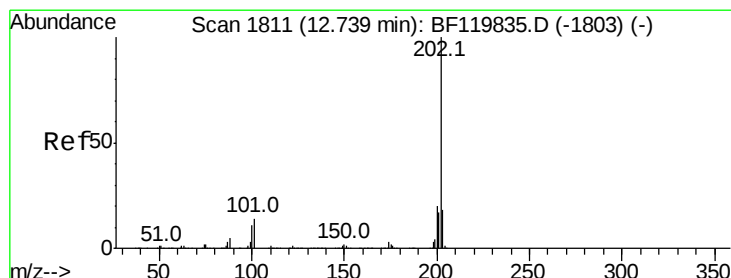
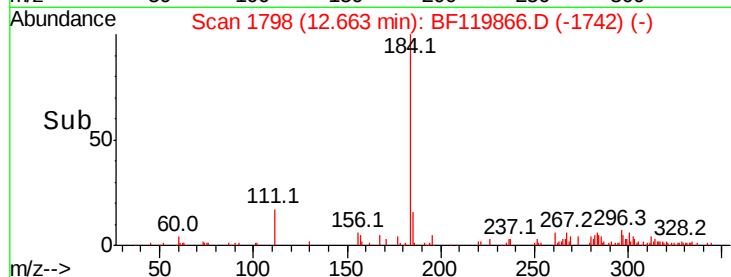
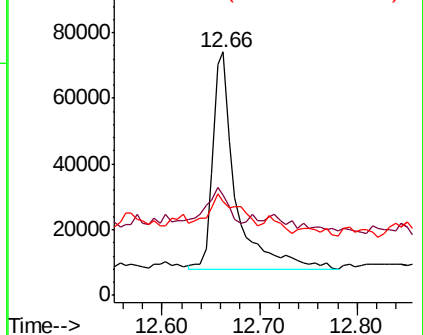
183 38.4 9.1 13.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.542 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.04 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

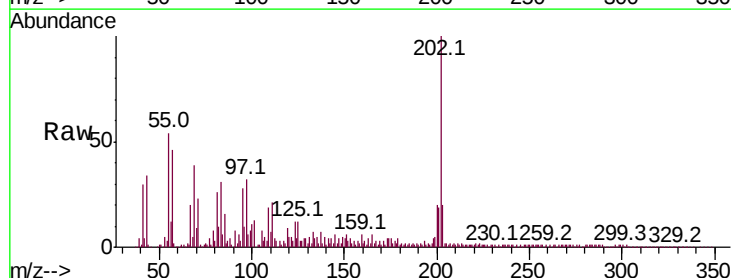
Tgt Ion:202 Resp: 948540

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

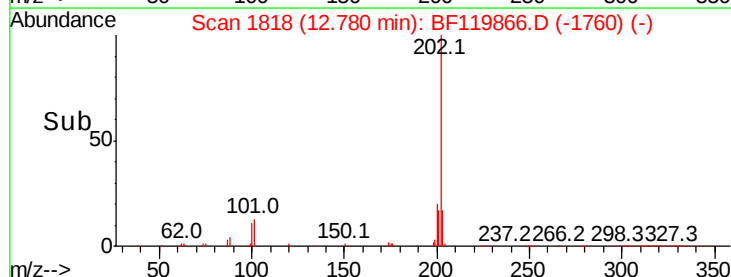
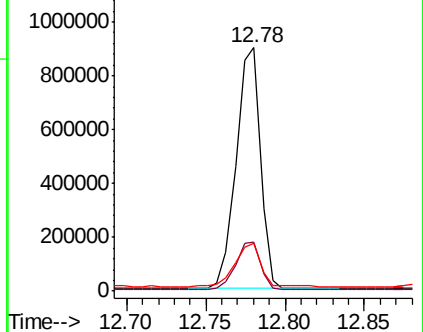
203 19.5 14.1 21.1

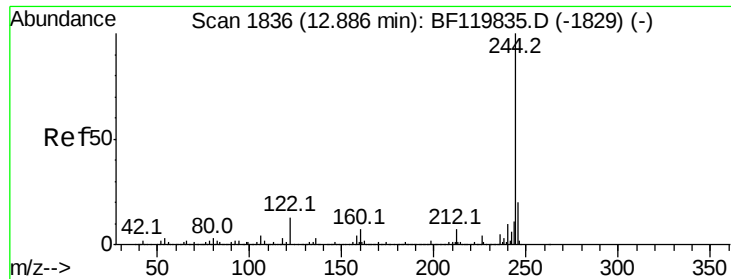


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.231 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.03 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

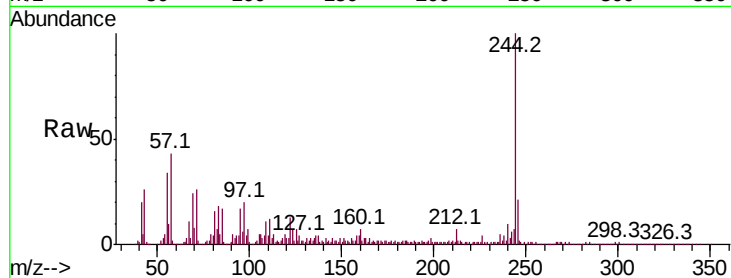
Tot Ion:244 Resp: 1401084

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

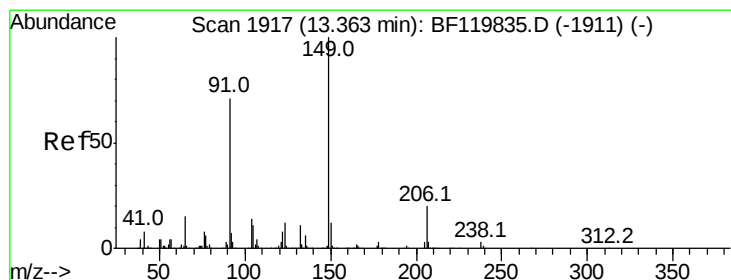
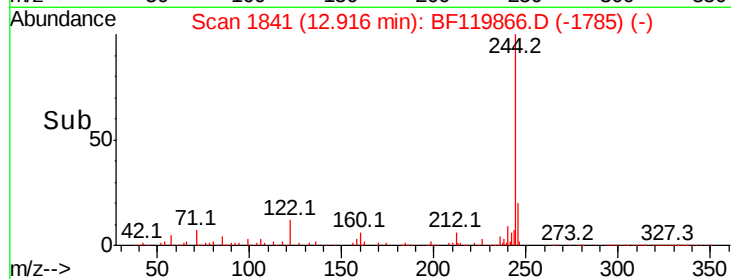
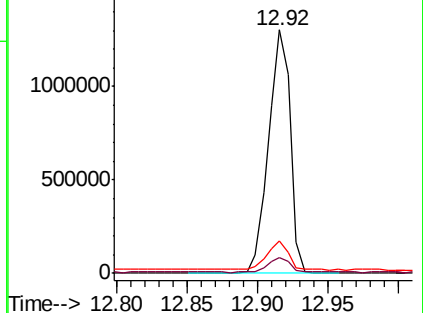
122 13.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.395 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.02 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

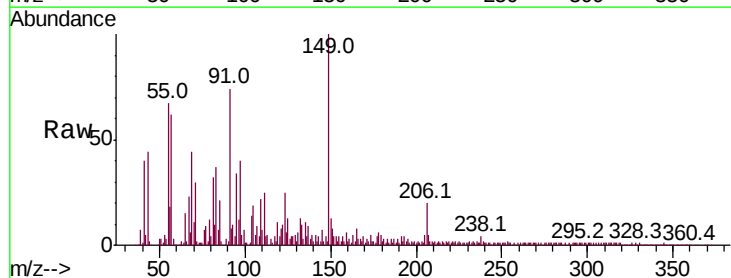
Tgt Ion:149 Resp: 479860

Ion Ratio Lower Upper

149 100

91 73.6 56.7 85.1

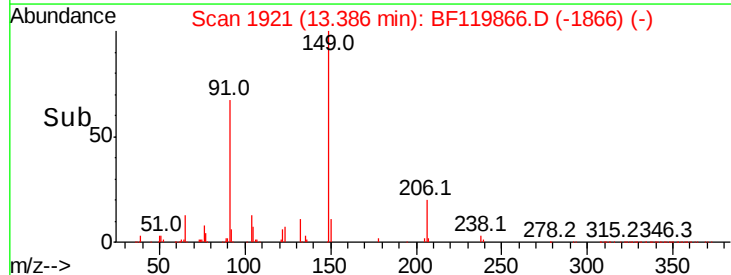
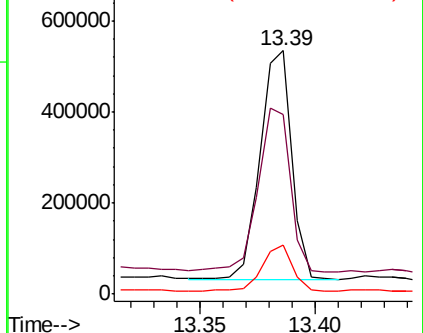
206 20.2 15.7 23.5

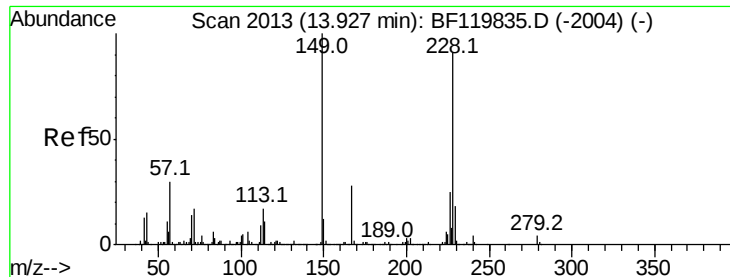


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

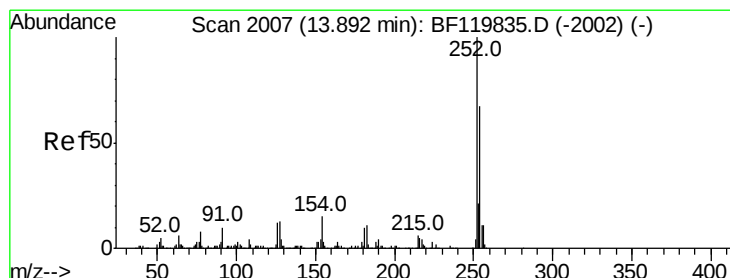
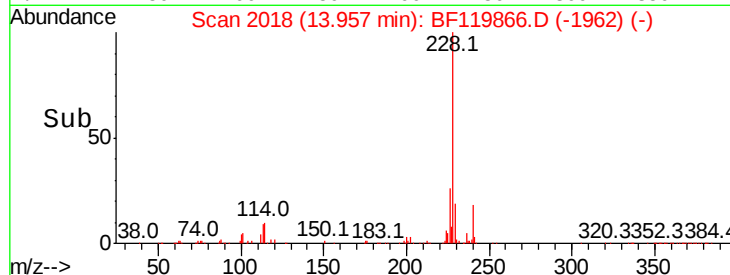
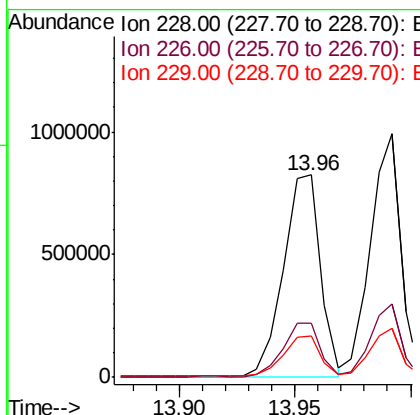
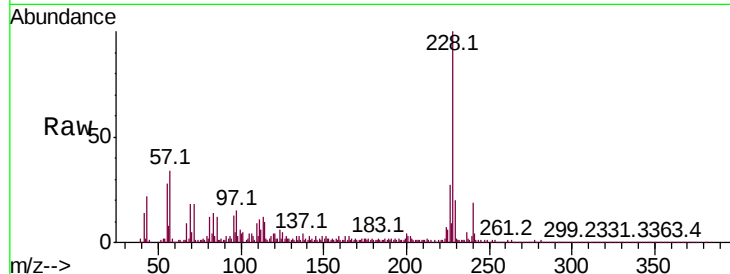




#81
Benzo(a)anthracene
Concen: 53.516 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.03 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

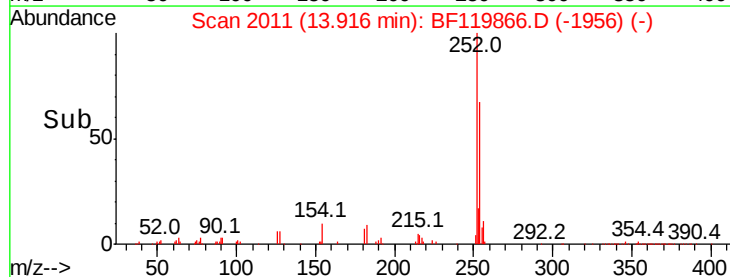
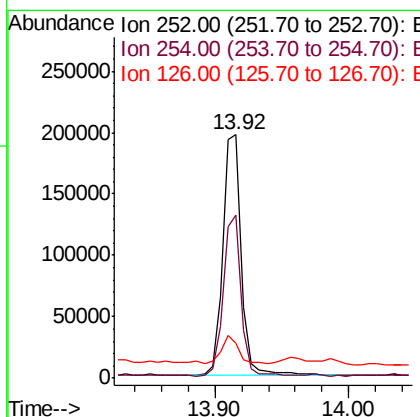
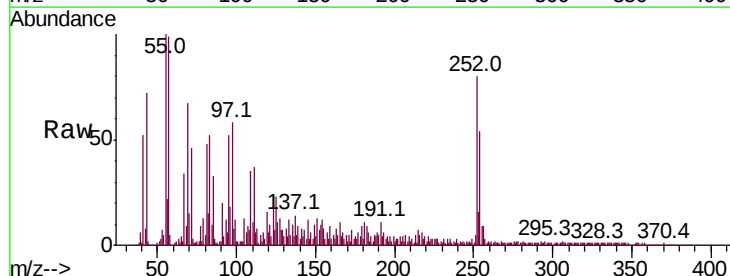
Instrument :
BNA_F
ClientSampleId :
72-11991MS

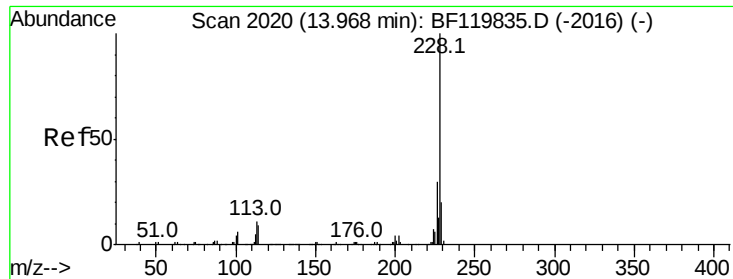
Tot Ion:228 Resp: 909773
Ion Ratio Lower Upper
228 100
226 26.6 21.9 32.9
229 20.2 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 30.269 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:252 Resp: 192001
Ion Ratio Lower Upper
252 100
254 67.2 53.9 80.9
126 14.3 9.7 14.5

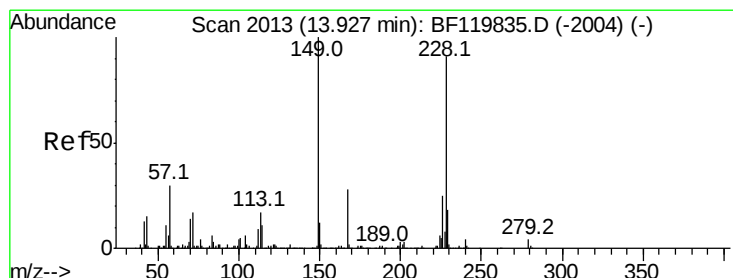
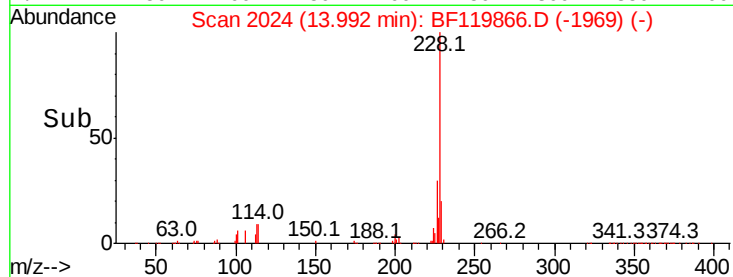
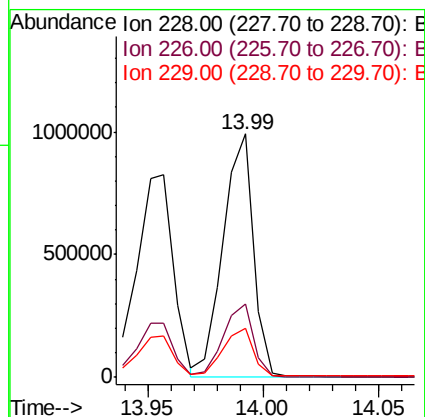
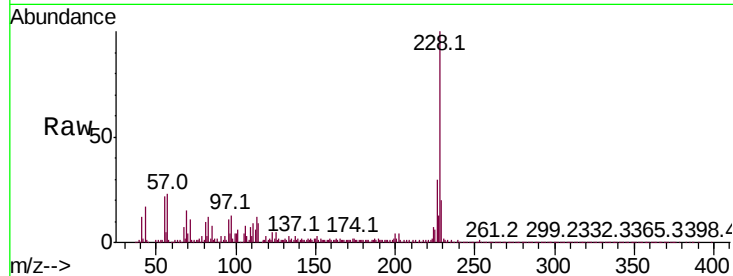




#83
 Chrvsene
 Concen: 51.884 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

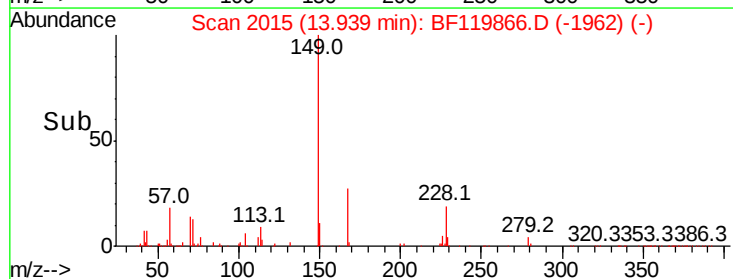
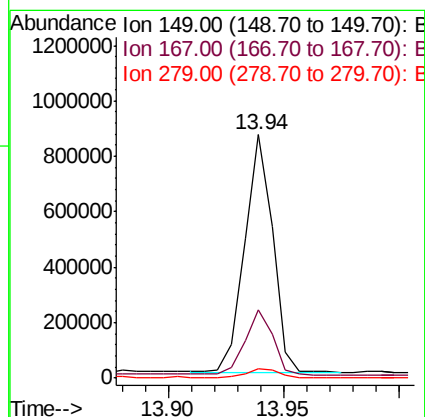
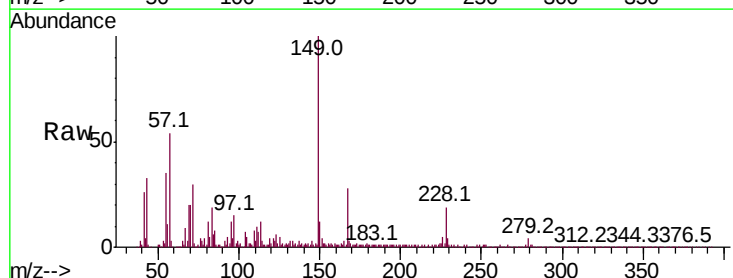
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

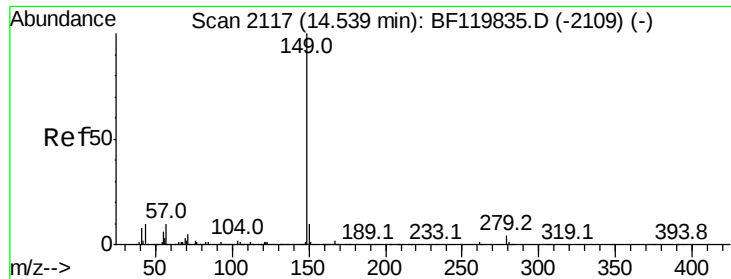
Tot Ion:228	Resp:	896227
Ion	Ratio	Lower Upper
228	100	
226	30.0	24.2 36.2
229	20.3	15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.787 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Tgt Ion:149	Resp:	727012
Ion	Ratio	Lower Upper
149	100	
167	28.2	22.2 33.2
279	4.1	3.4 5.0





#85

Di-n-octyl phthalate

Concen: 55.180 ng

RT: 14.54 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

72-11991MS

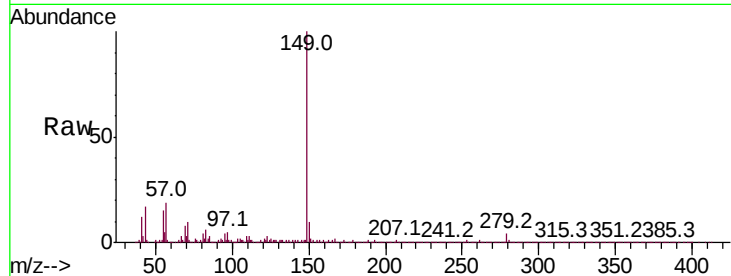
Tot Ion:149 Resp: 1344930

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

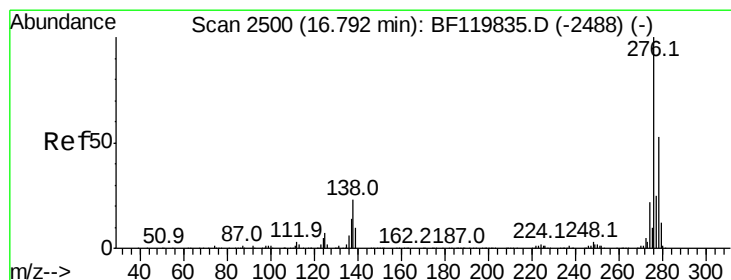
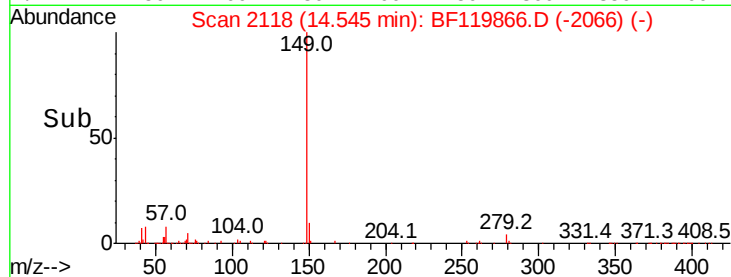
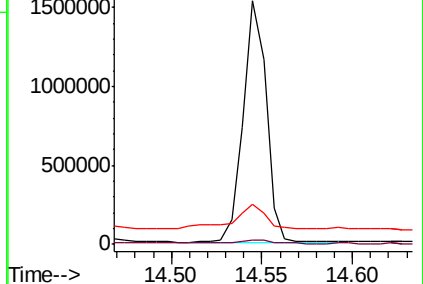
43 13.1 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 82.671 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF119866.D

Acq: 9 Apr 2020 10:48

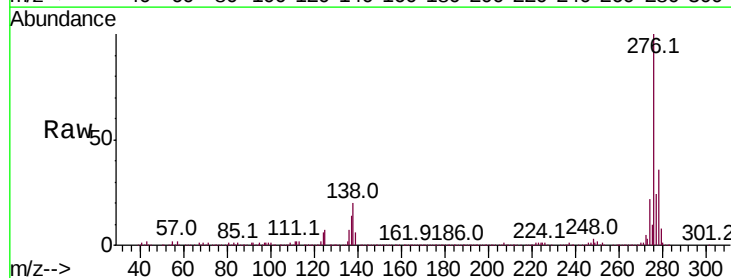
Tgt Ion:276 Resp: 1258788

Ion Ratio Lower Upper

276 100

138 21.7 18.0 27.0

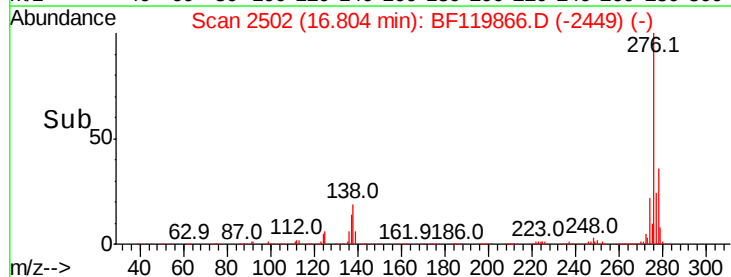
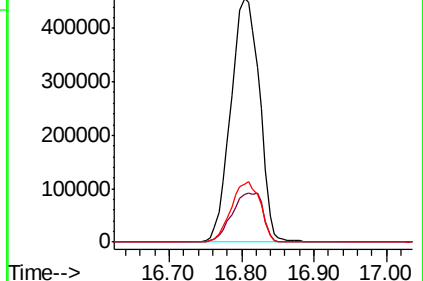
277 25.3 20.1 30.1

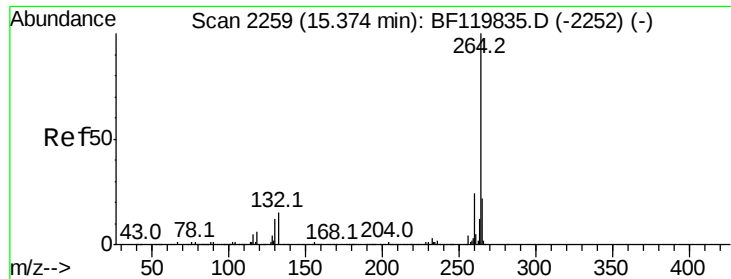


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

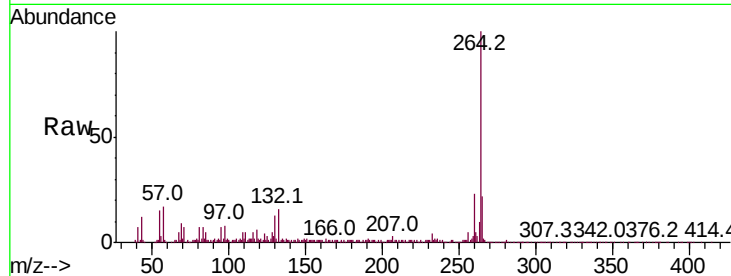




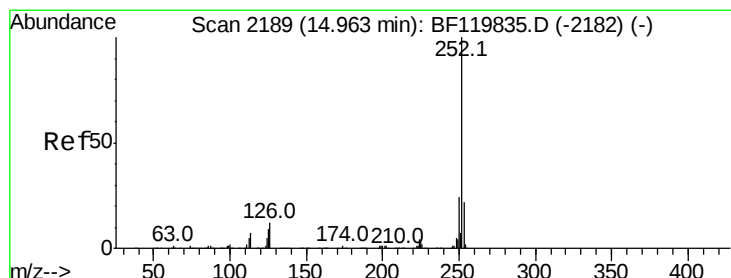
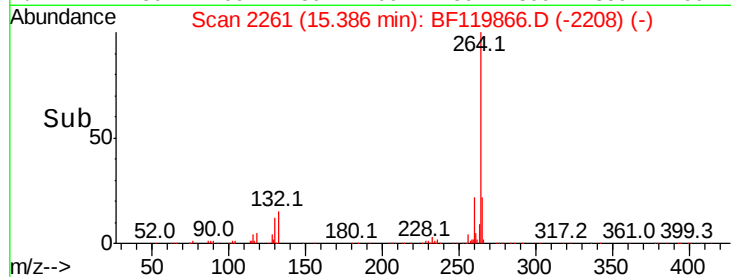
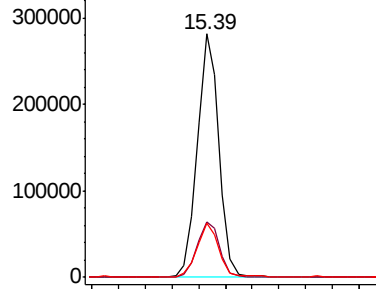
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tot Ion:264 Resp: 318095
Ion Ratio Lower Upper
264 100
260 22.6 19.3 28.9
265 22.2 17.6 26.4

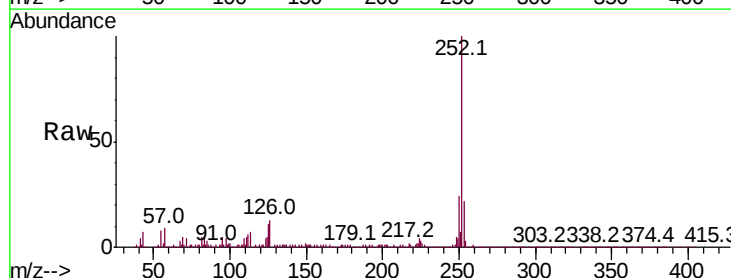


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

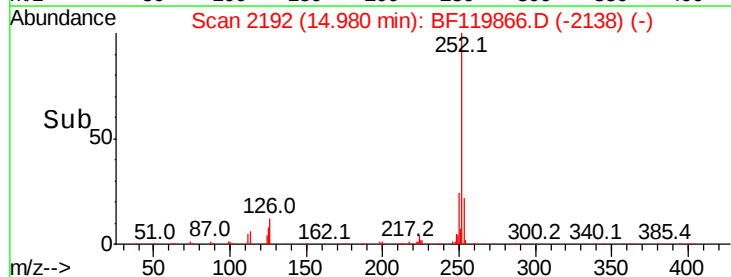
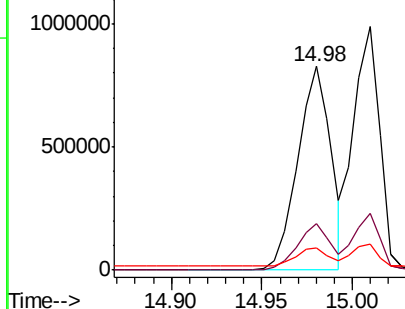


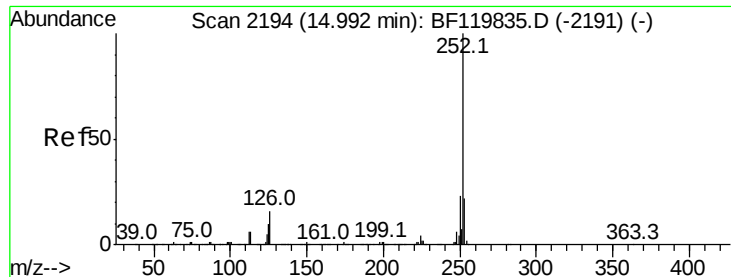
#88
Benzo(b)fluoranthene
Concen: 46.037 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:252 Resp: 1053472
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

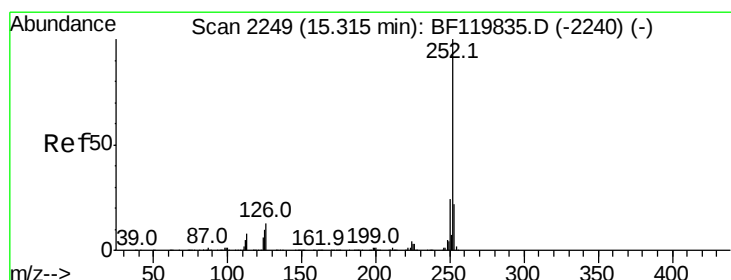
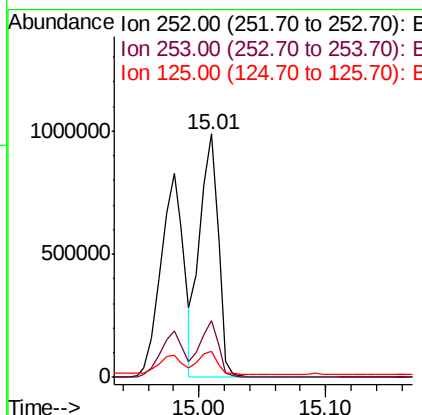
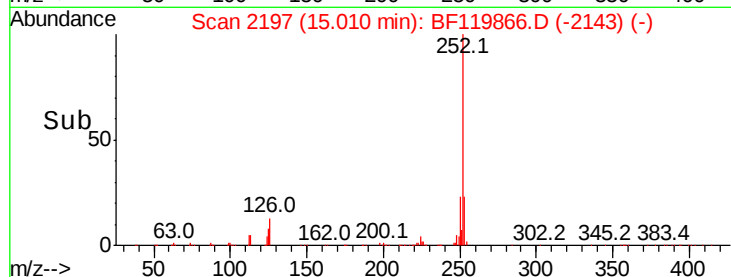
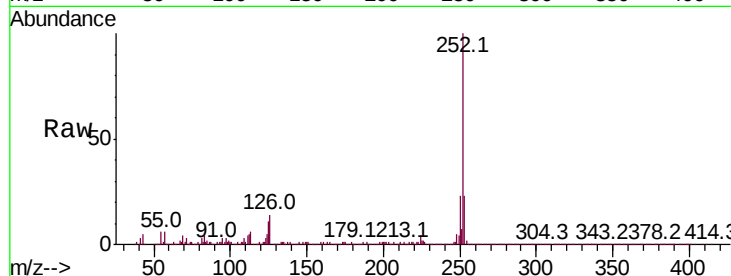




#89
Benzo(k)fluoranthene
Concen: 50.469 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

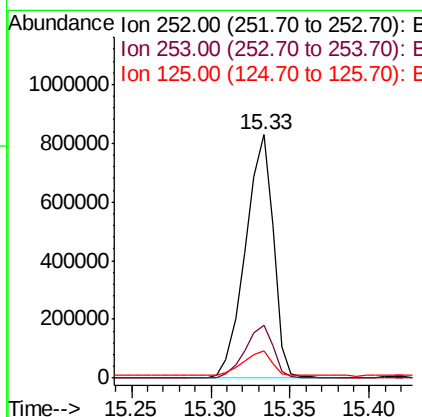
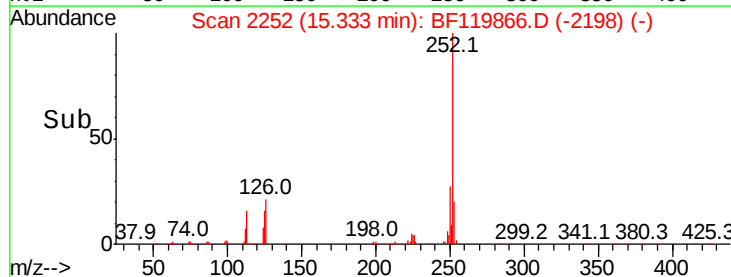
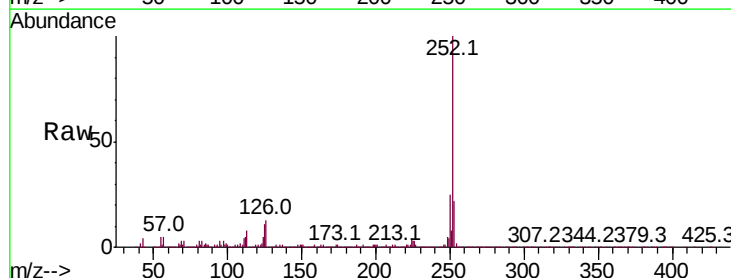
Instrument :
BNA_F
ClientSampleId :
72-11991MS

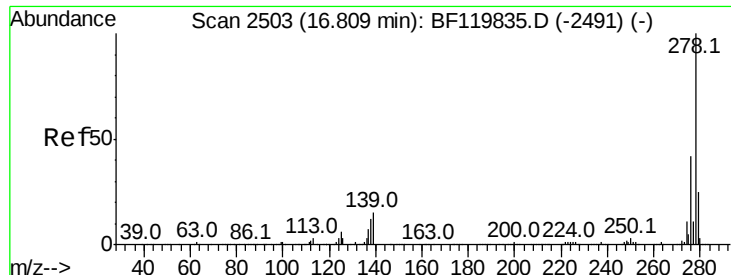
Tot Ion:252 Resp: 996447
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 52.689 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:252 Resp: 1013726
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 11.4 8.3 12.5

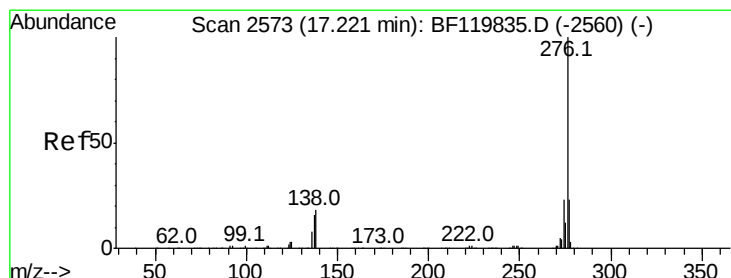
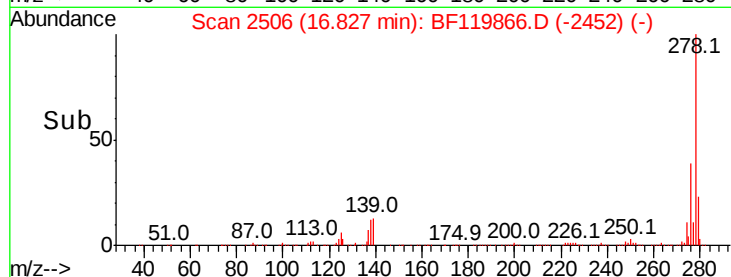
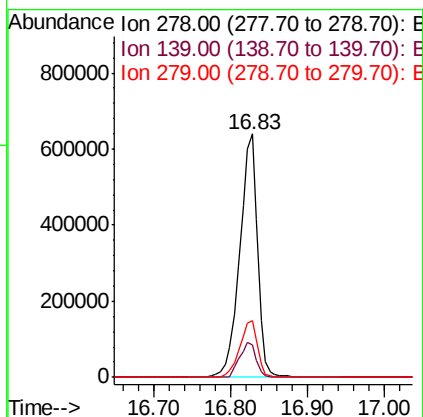
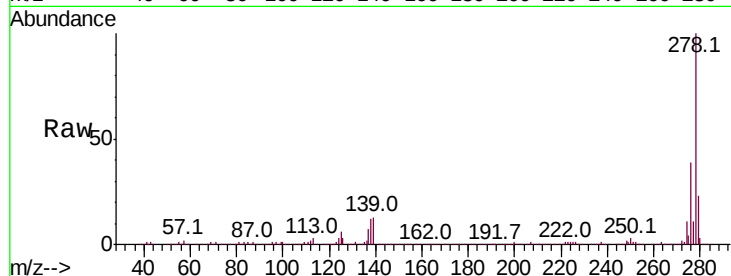




#91
Dibenzo(a,h)anthracene
Concen: 60.996 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
72-11991MS

Tot Ion:278 Resp: 1039536
Ion Ratio Lower Upper
278 100
139 13.2 11.6 17.4
279 23.1 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 61.736 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Tgt Ion:276 Resp: 1038569
Ion Ratio Lower Upper
276 100
277 24.4 18.5 27.7
138 18.0 14.6 22.0

