

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

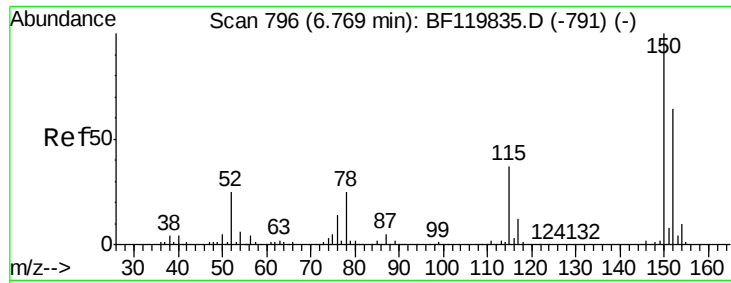
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	588841	130.705	nq	97
43) 2,4,6-Trichlorophenol	9.05	196	345671	63.183	nq	97
44) 2,4,5-Trichlorophenol	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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

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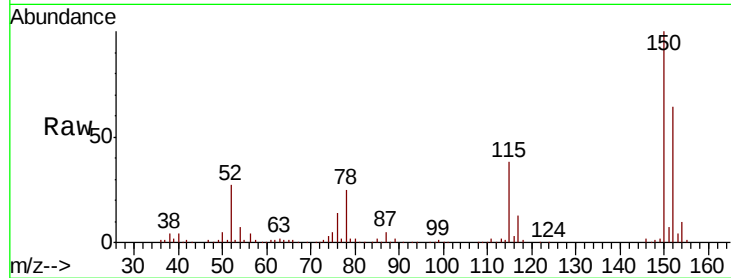
Tot Ion:152 Resp: 164325

Ion Ratio Lower Upper

152 100

150 157.3 124.8 187.2

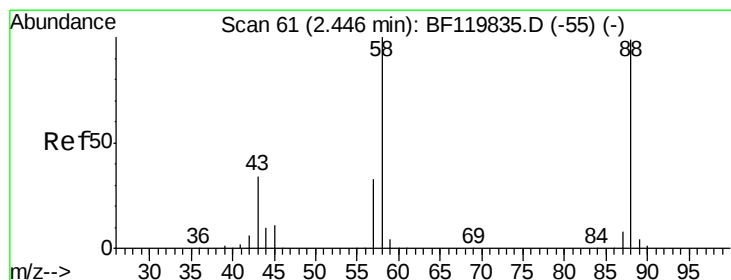
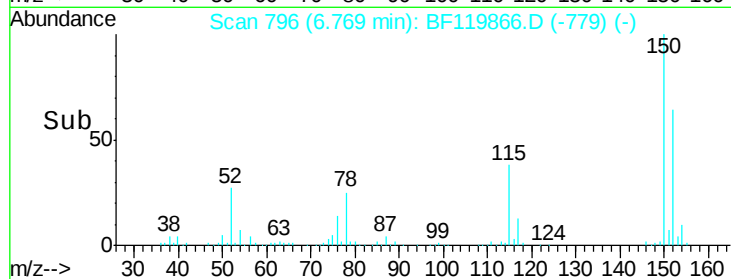
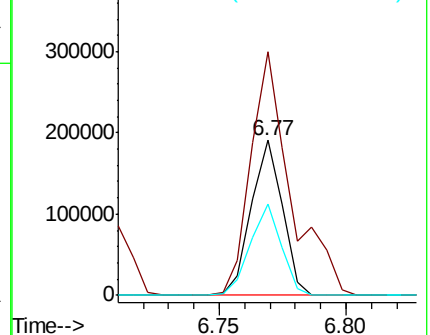
115 59.3 46.5 69.7



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



#2

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

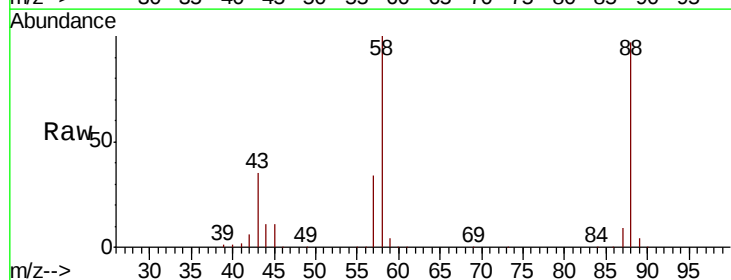
Tgt Ion: 88 Resp: 187867

Ion Ratio Lower Upper

88 100

58 101.8 82.6 123.8

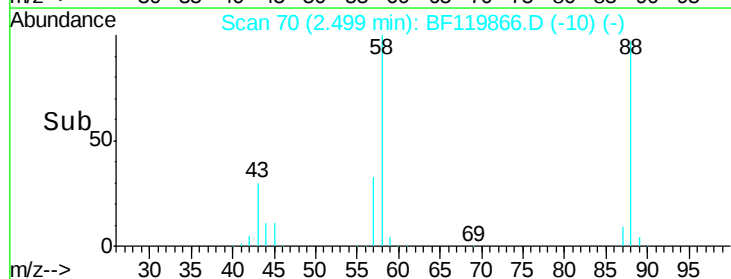
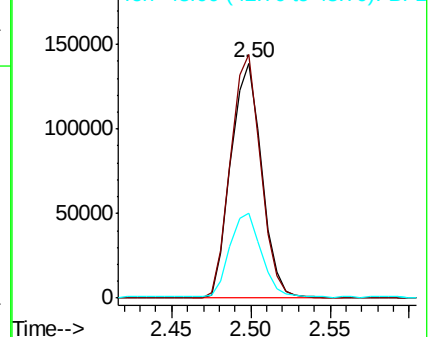
43 36.8 28.6 42.8

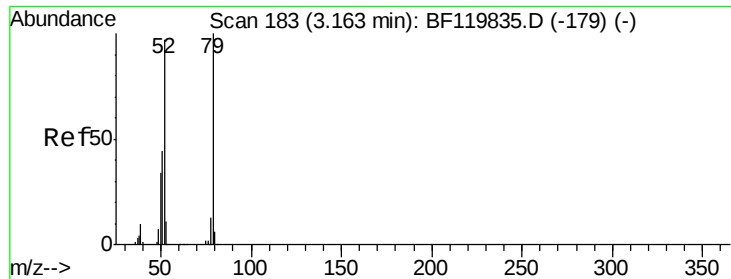


Abundance Ion 88.00 (87.70 to 88.70): BF1

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

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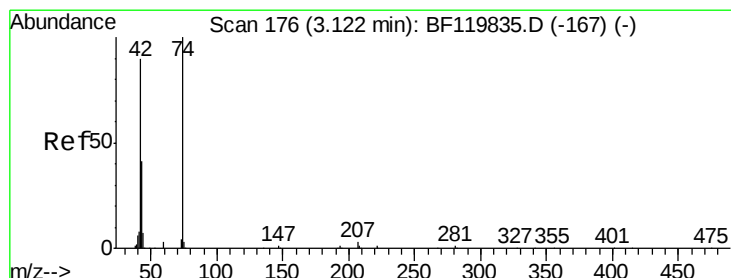
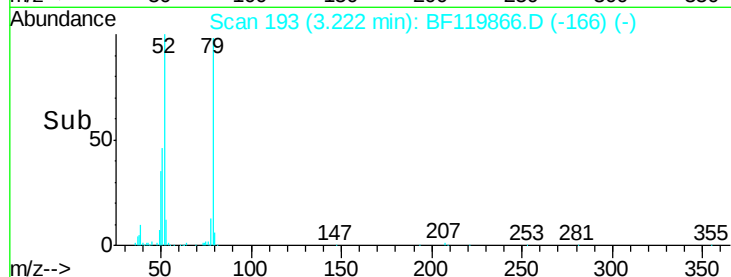
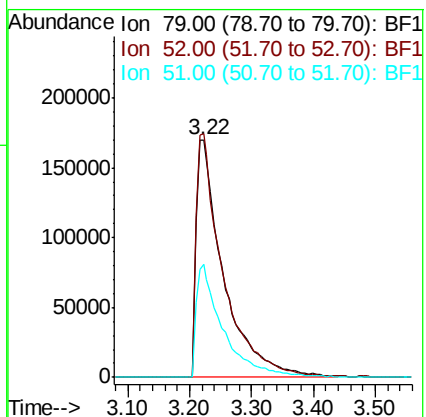
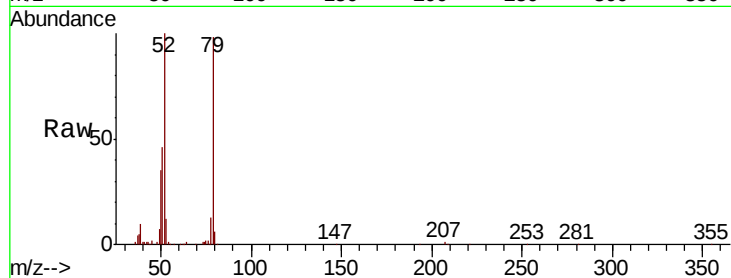
Tot Ion: 79 Resp: 522786

Ion Ratio Lower Upper

79 100

52 102.4 77.4 116.0

51 47.4 35.3 52.9



#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

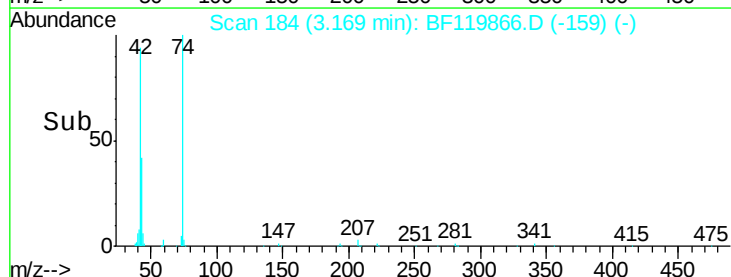
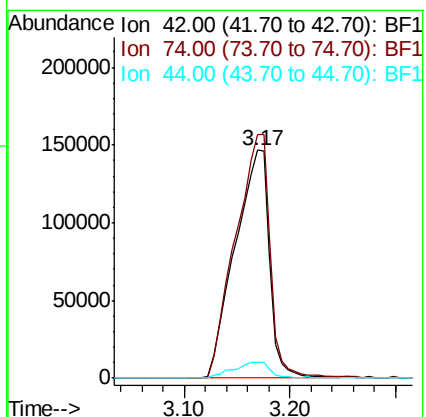
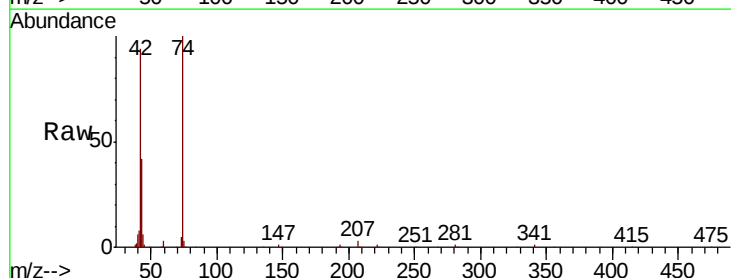
Tgt Ion: 42 Resp: 334458

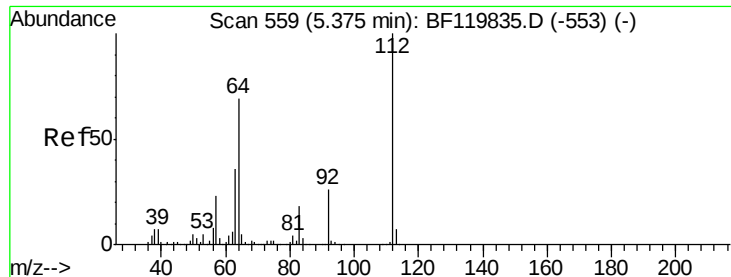
Ion Ratio Lower Upper

42 100

74 106.7 89.0 133.4

44 6.7 6.2 9.4





#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

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BNA_F

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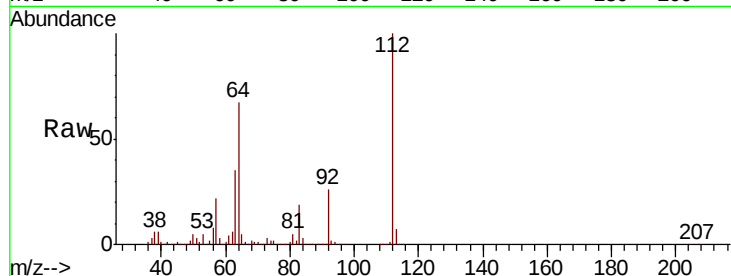
Tot Ion:112 Resp: 1517563

Ion Ratio Lower Upper

112 100

64 67.0 55.5 83.3

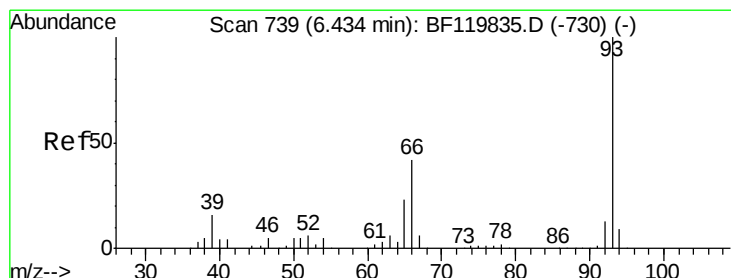
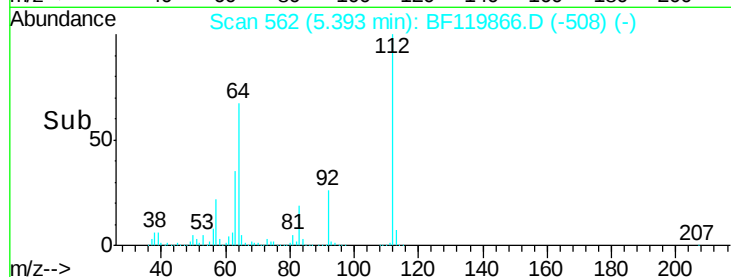
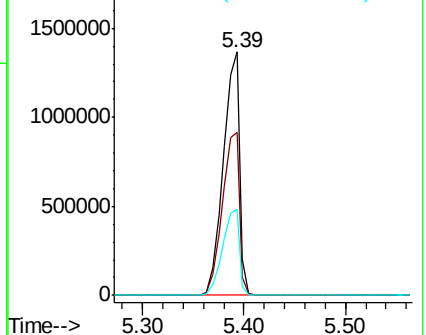
63 35.3 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

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

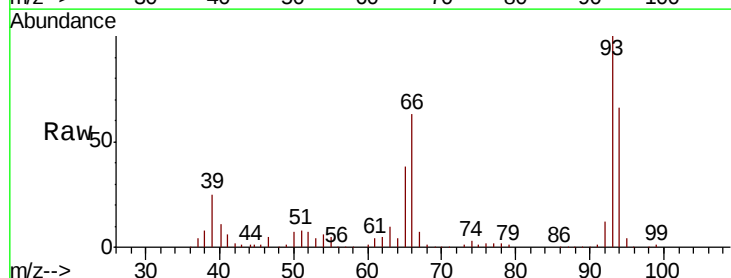
Tgt Ion: 93 Resp: 471393

Ion Ratio Lower Upper

93 100

66 62.7 34.2 51.2#

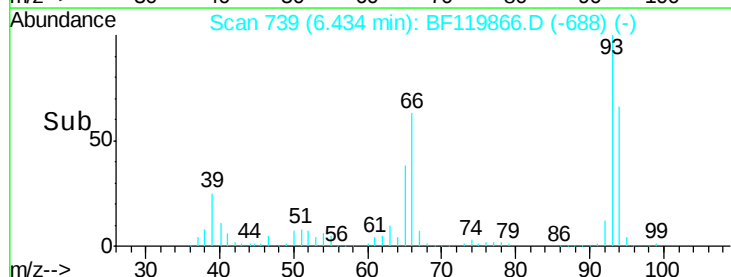
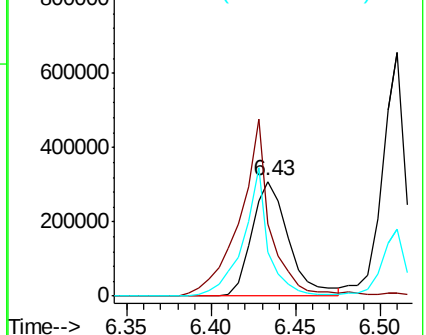
65 38.0 18.3 27.5#



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

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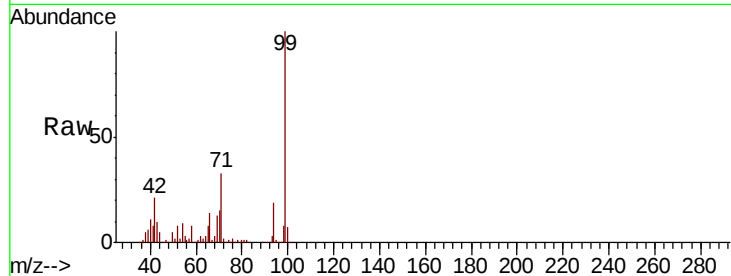
Tot Ion: 99 Resp: 201352

Ion Ratio Lower Upper

99 100

42 20.6 16.9 25.3

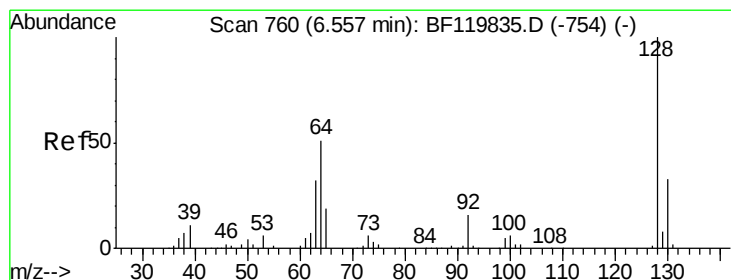
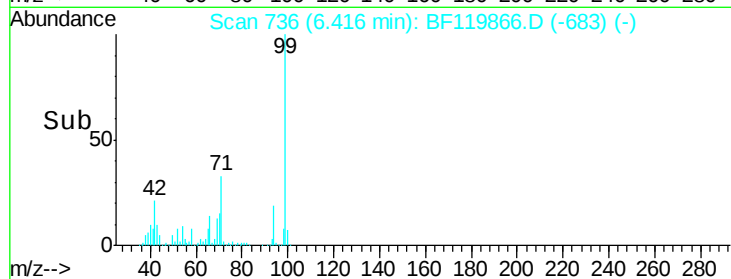
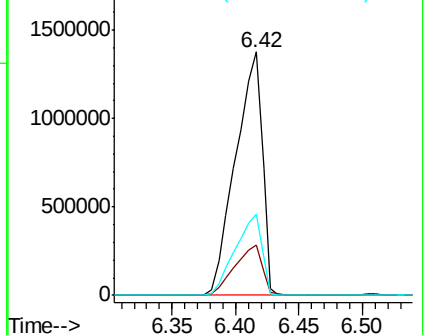
71 33.2 26.3 39.5



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

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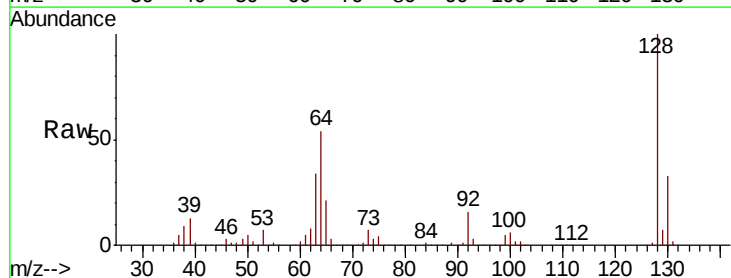
Tgt Ion: 128 Resp: 617194

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

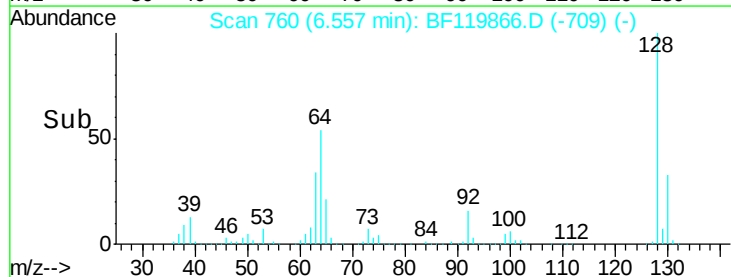
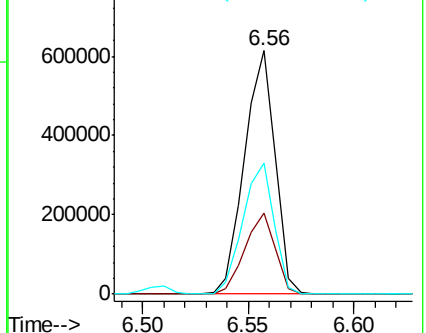
64 53.8 32.0 72.0

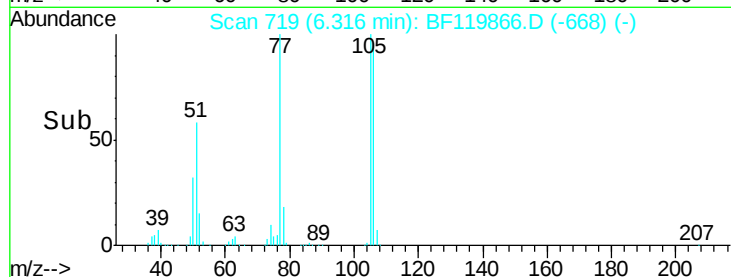
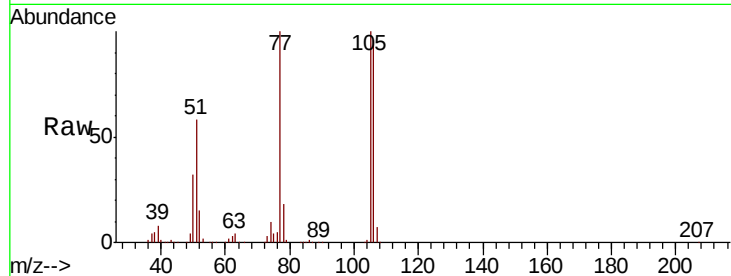
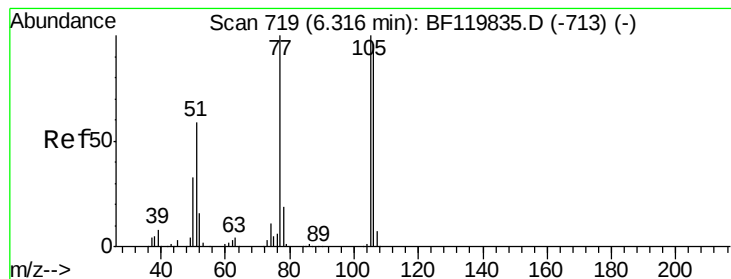


Abundance Ion 128.00 (127.70 to 128.70): E

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

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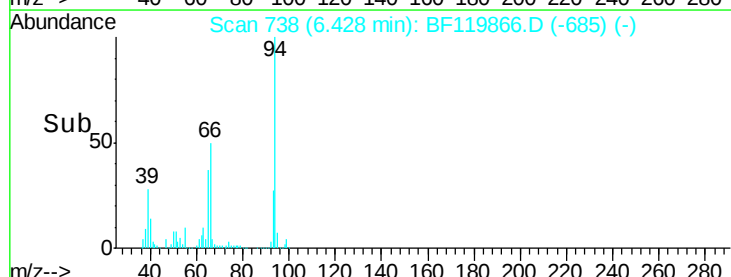
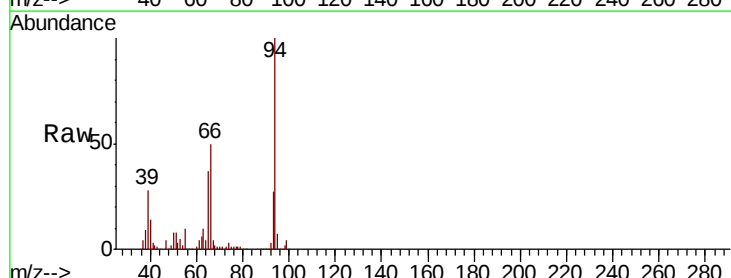
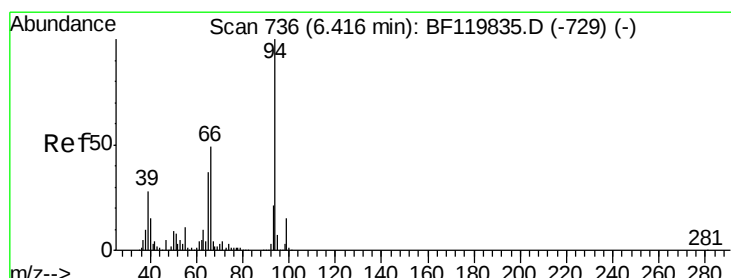
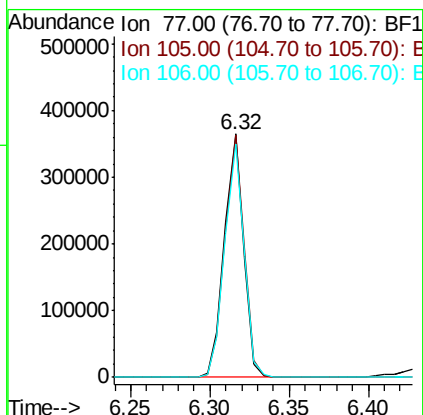
Tot Ion: 77 Resp: 307933

Ion Ratio Lower Upper

77 100

105 99.6 79.9 119.9

106 95.6 76.4 116.4



#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

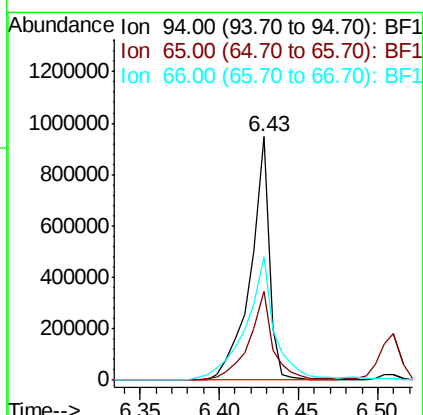
Tgt Ion: 94 Resp: 784846

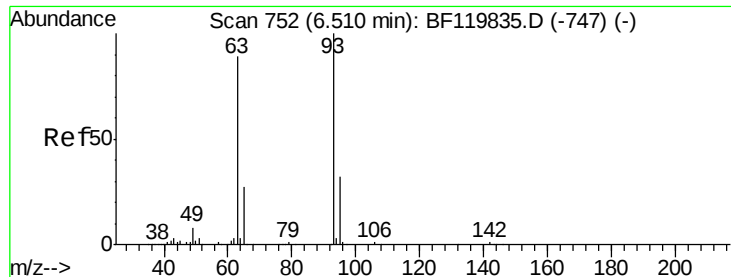
Ion Ratio Lower Upper

94 100

65 36.6 16.6 56.6

66 50.4 29.3 69.3

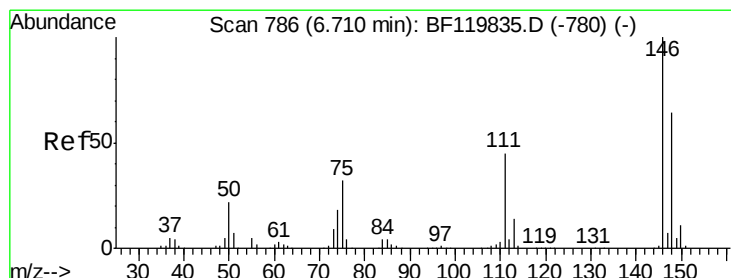
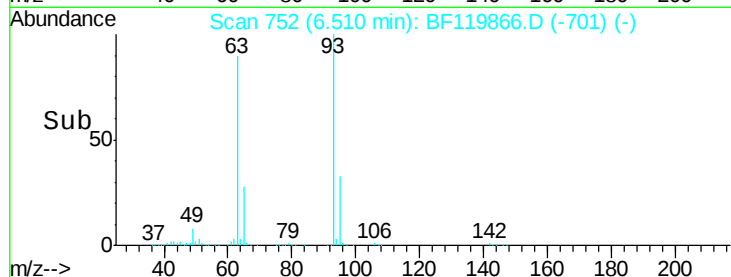
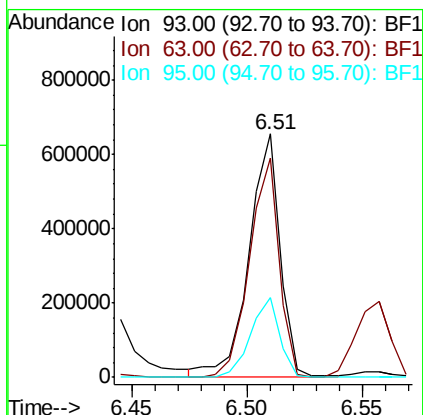
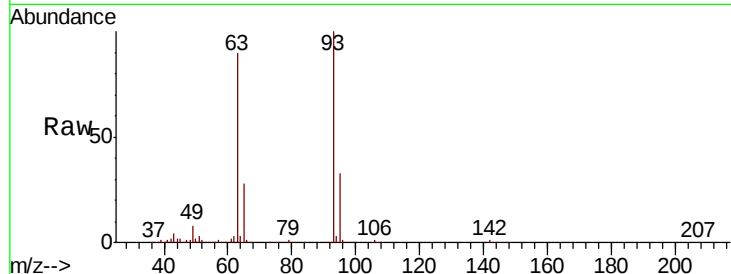




#11
bis(2-Chloroethyl)ether
Concen: 57.893 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

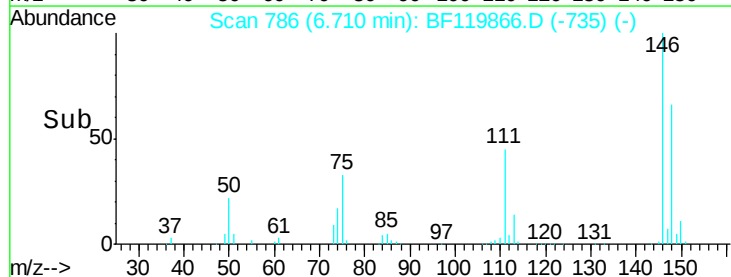
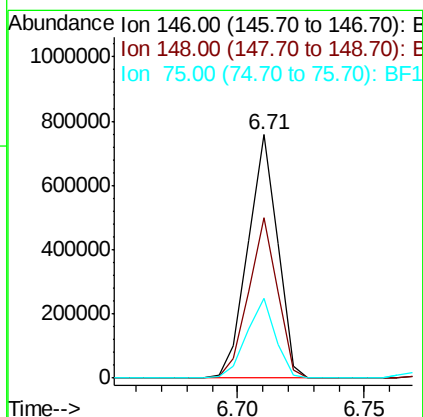
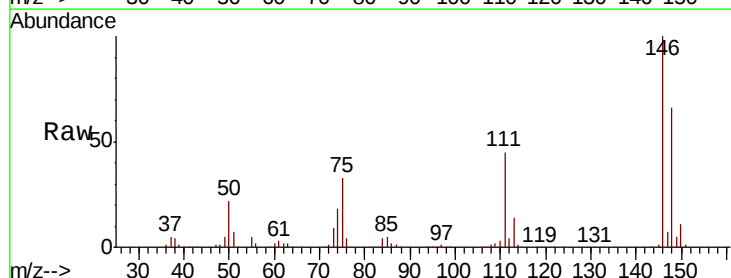
Instrument :
BNA_F
ClientSampleId :
72-11991MS

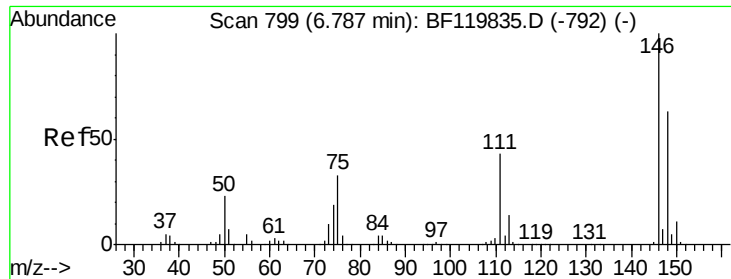
Tot Ion: 93 Resp: 621338
Ion Ratio Lower Upper
93 100
63 90.1 69.1 109.1
95 32.8 12.3 52.3



#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

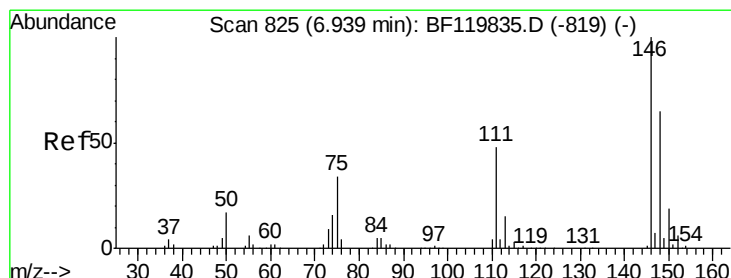
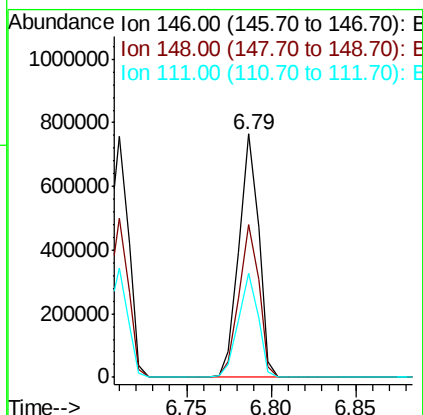
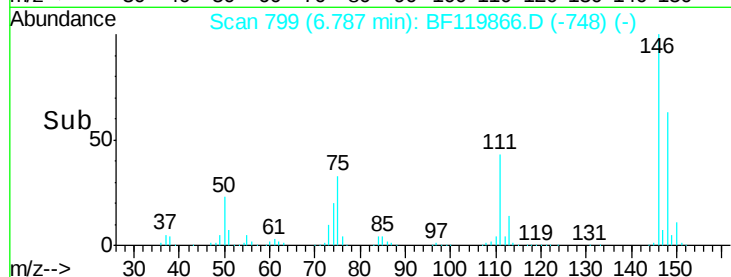
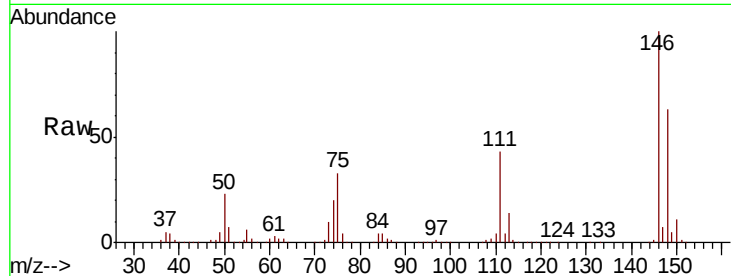




#13
 1,4-Dichlorobenzene
 Concen: 52.874 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

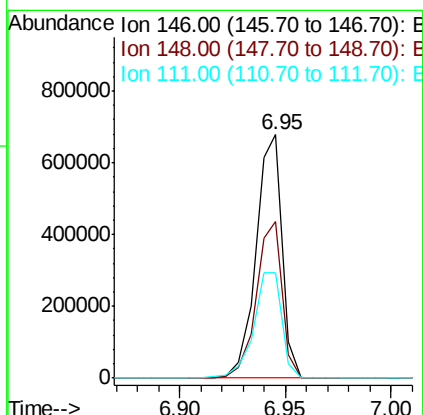
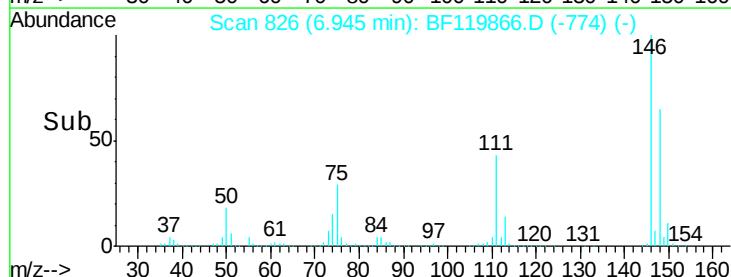
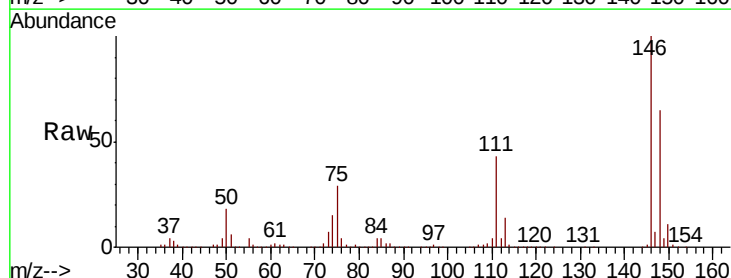
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

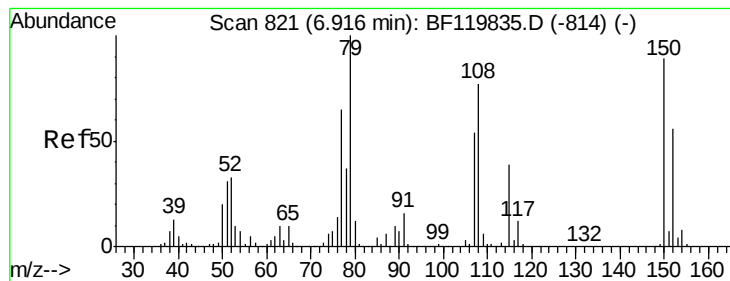
Tot Ion:146 Resp: 626471
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.5 75.7
 111 42.9 34.7 52.1



#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





#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

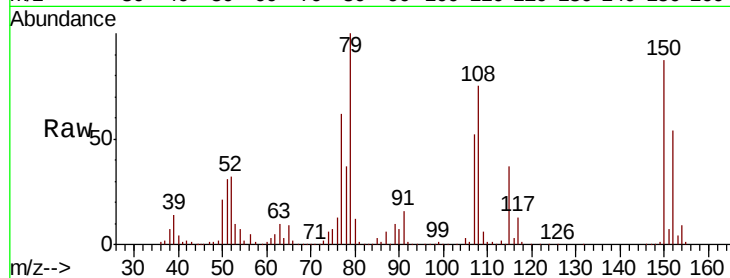
Tot Ion: 79 Resp: 522247

Ion Ratio Lower Upper

79 100

108 74.5 62.0 93.0

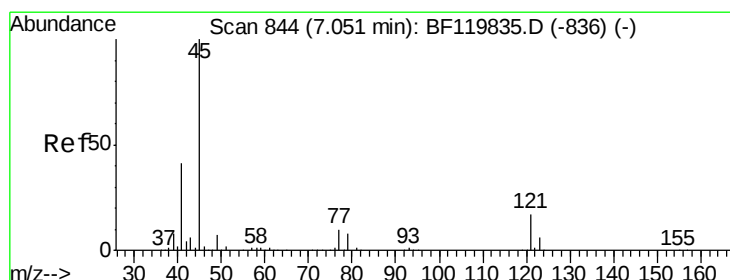
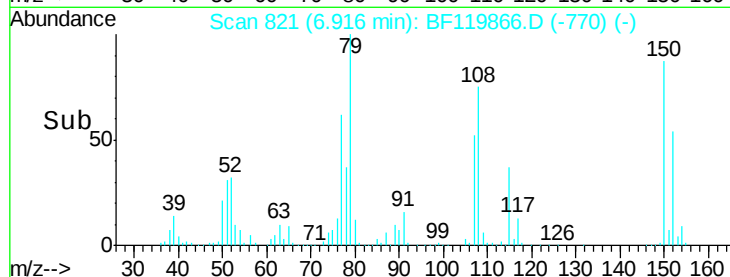
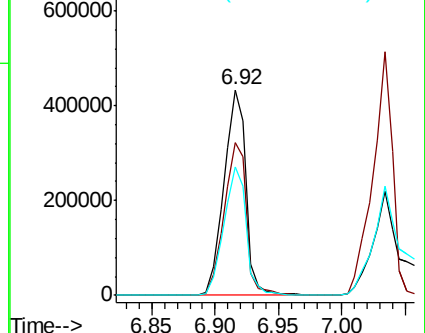
77 62.5 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#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

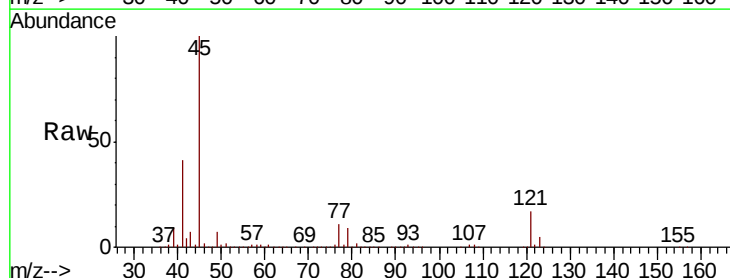
Tgt Ion: 45 Resp: 1096773

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.7

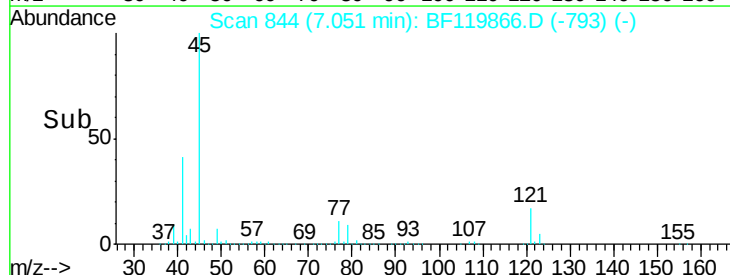
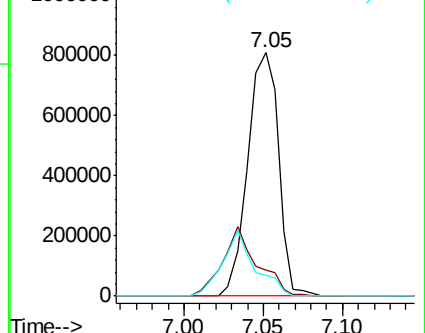
79 8.7 0.0 28.6

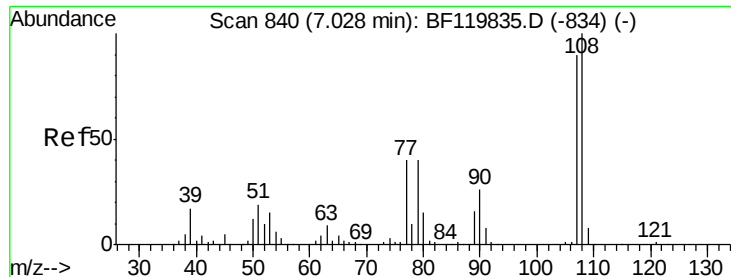


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

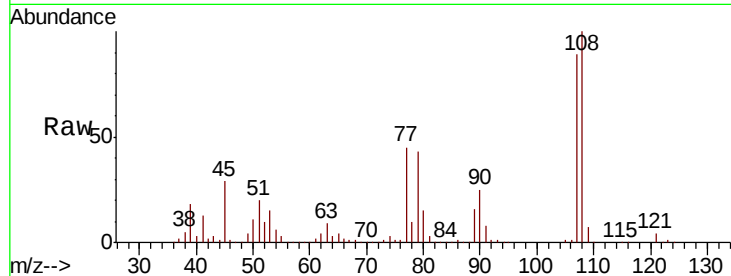




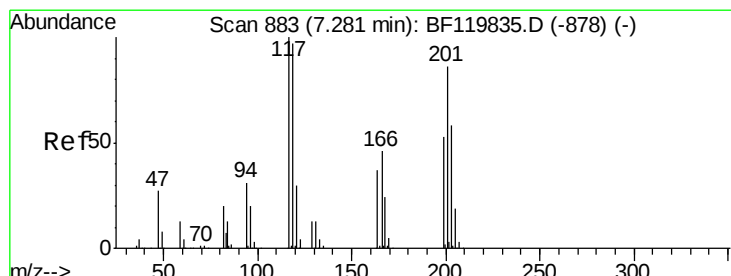
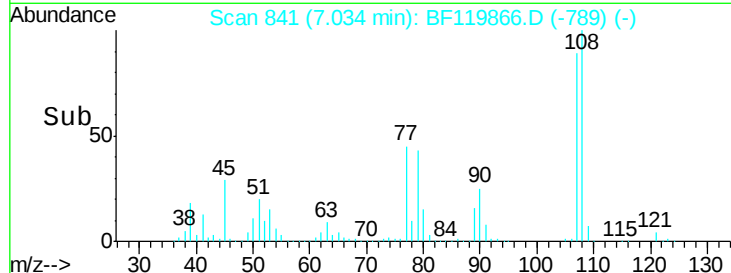
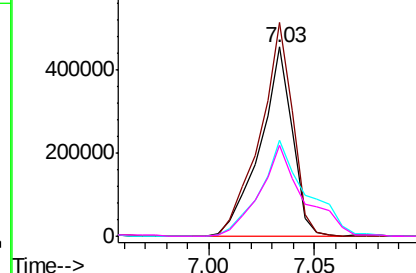
#17
2-Methylphenol
Concen: 50.999 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

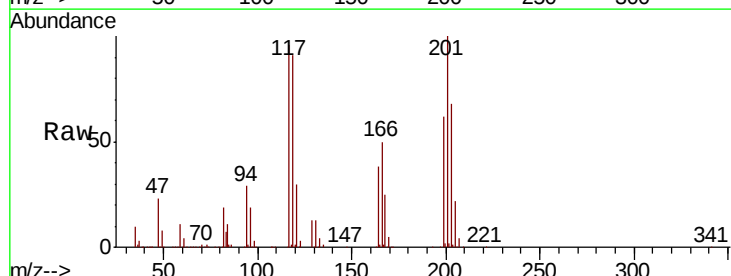


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

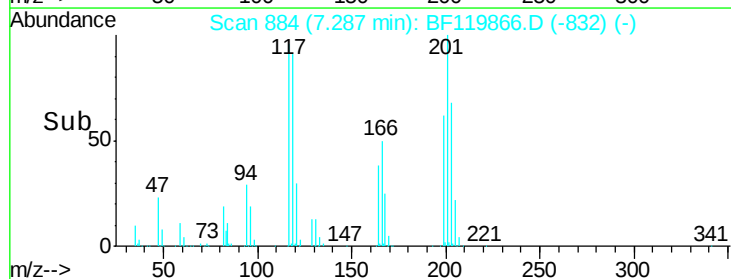
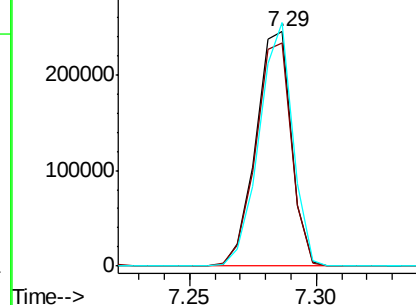


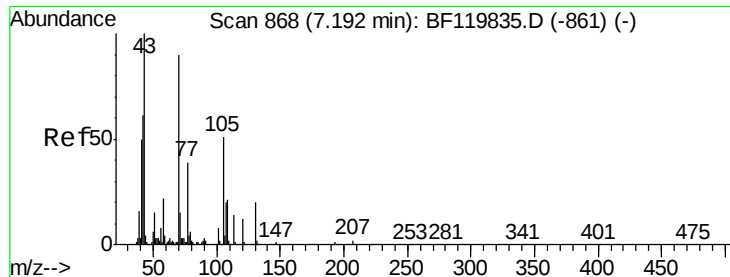
#18
Hexachloroethane
Concen: 54.070 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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#



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
100000
0

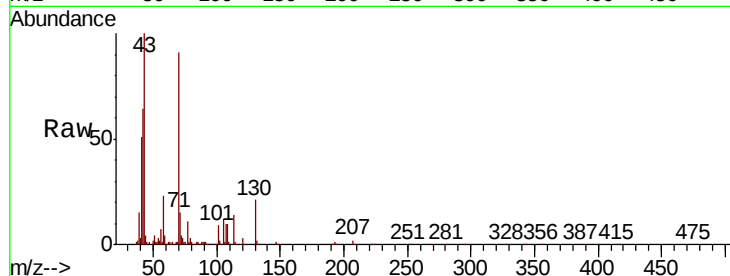




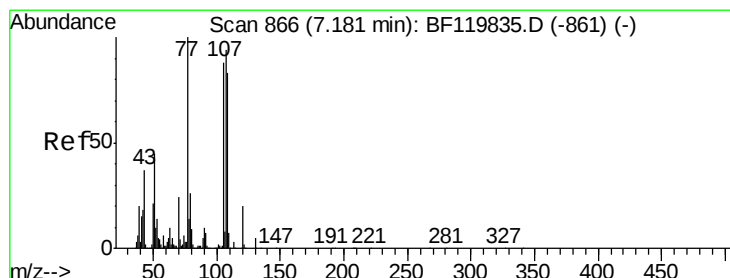
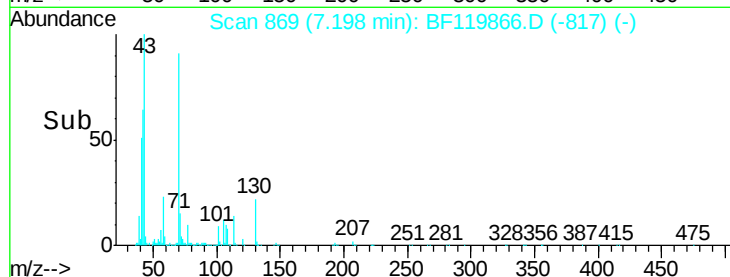
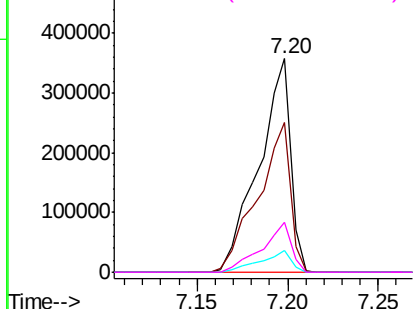
#19
n-Nitroso-di-n-propylamine
Concen: 55.380 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

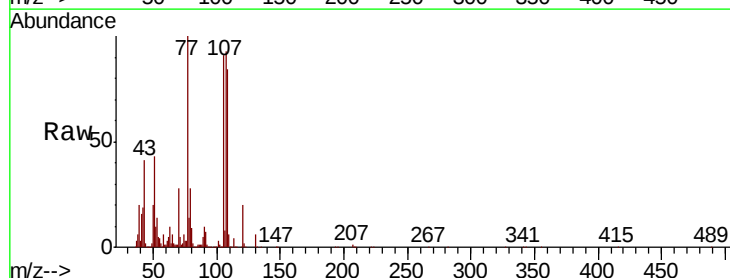


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

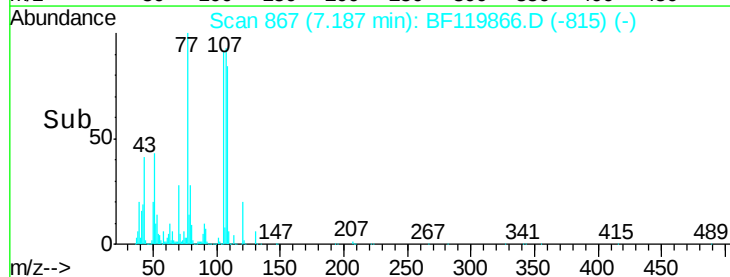
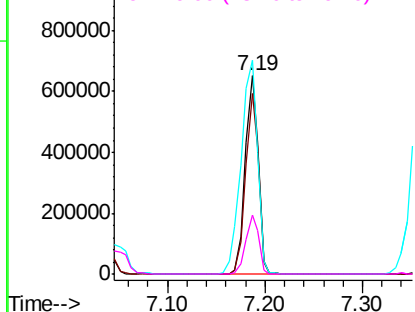


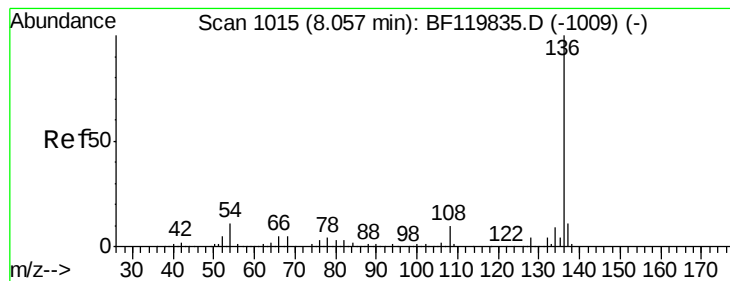
#20
3+4-Methylphenols
Concen: 52.483 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

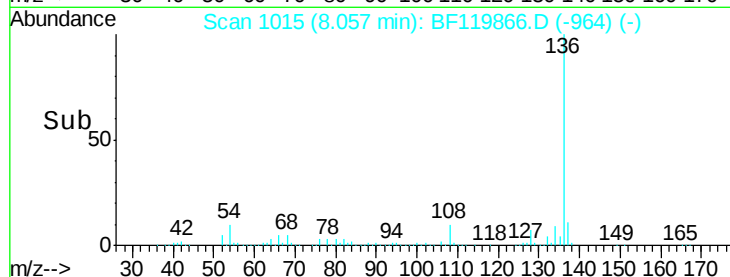
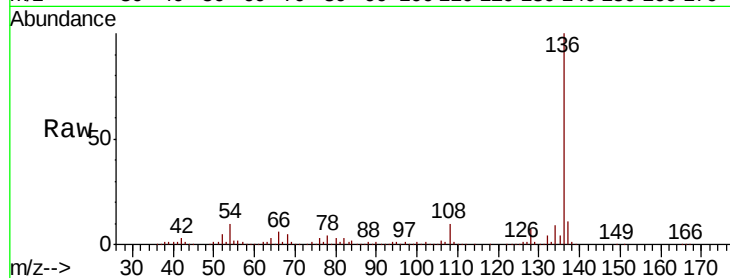
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.4 8.5 12.7

68 5.5 3.9 5.9

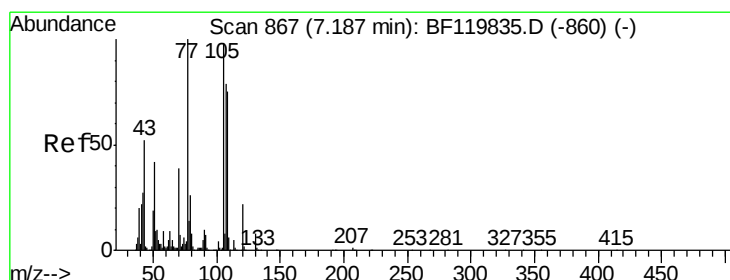
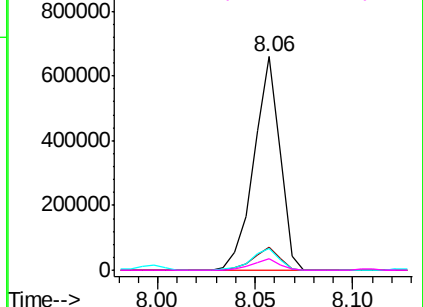


Abundance Ion 136.00 (135.70 to 136.70): E

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

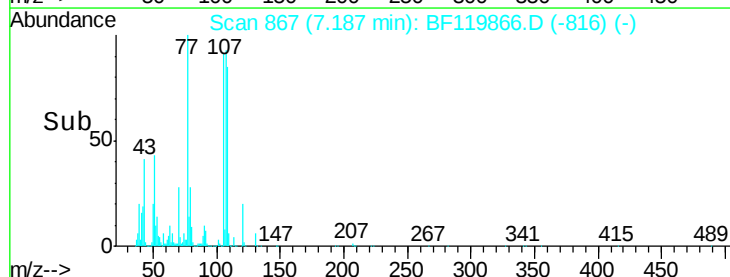
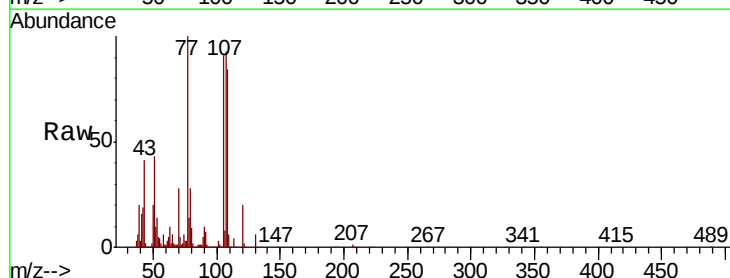
Ion Ratio Lower Upper

105 100

71 5.0 5.6 8.4#

51 47.7 33.9 50.9

120 21.8 17.8 26.8

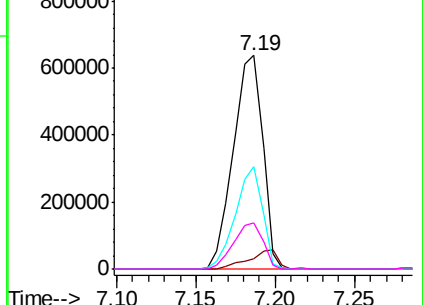


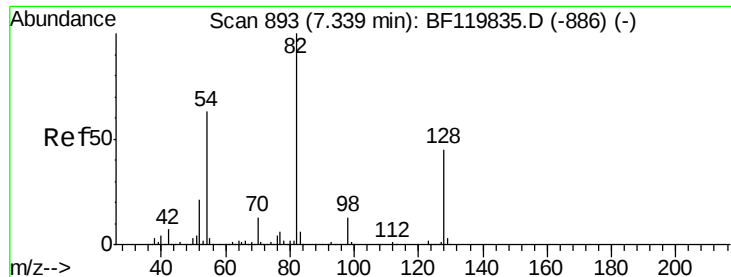
Abundance Ion 105.00 (104.70 to 105.70): E

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

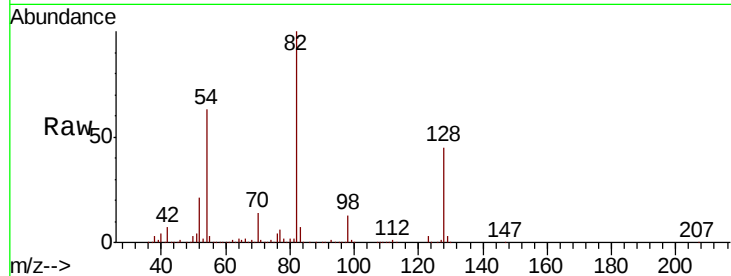




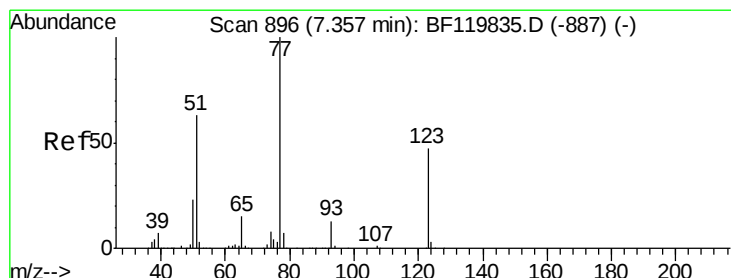
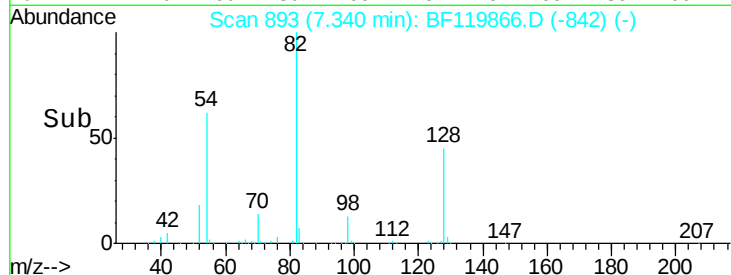
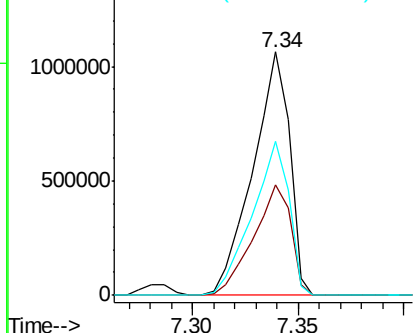
#23
Nitrobenzene-d5
Concen: 109.532 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

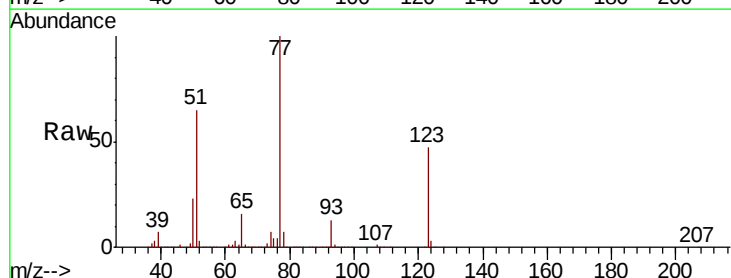


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

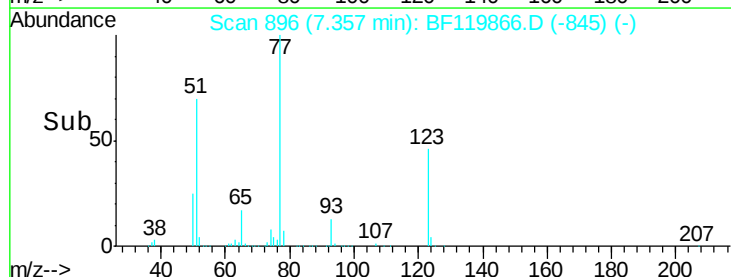
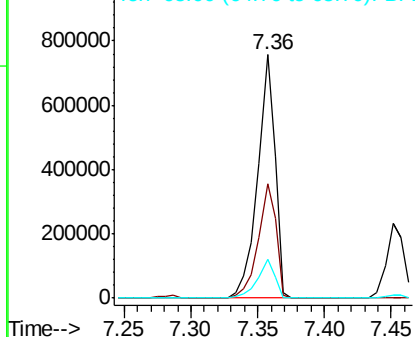


#24
Nitrobenzene
Concen: 56.578 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

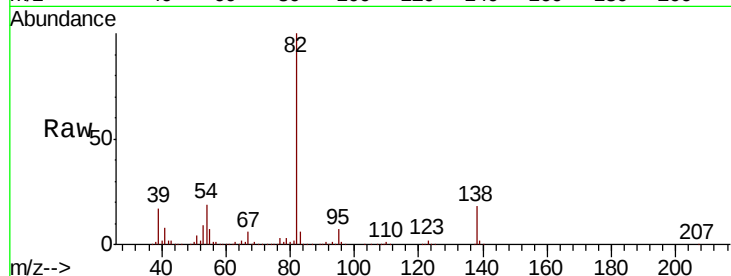
Tot Ion: 82 Resp: 1177724

Ion Ratio Lower Upper

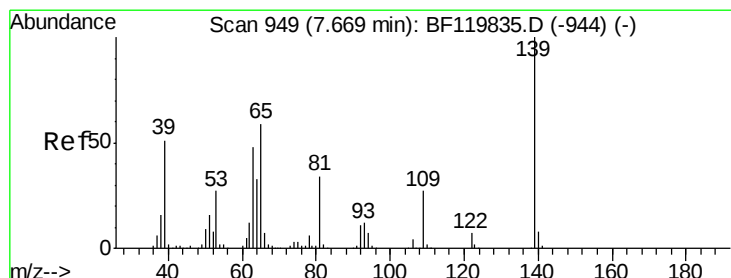
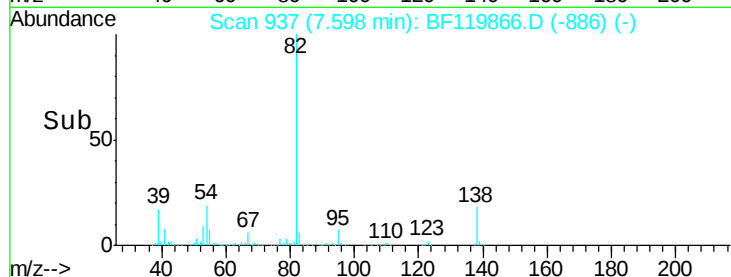
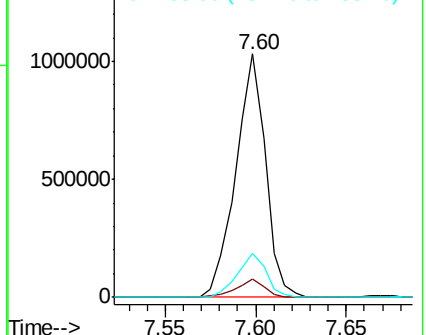
82 100

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

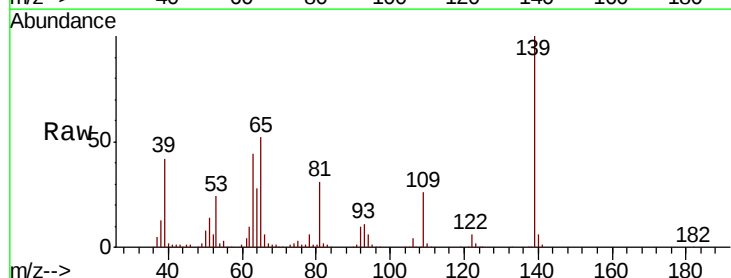
Tgt Ion: 139 Resp: 327055

Ion Ratio Lower Upper

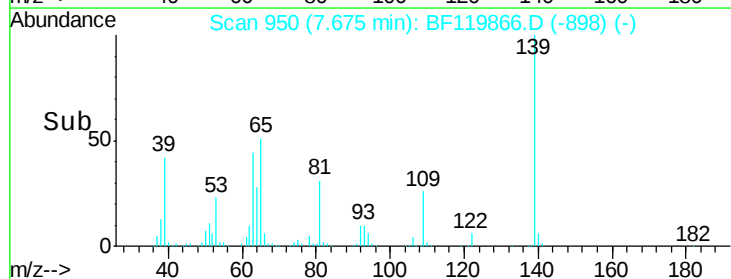
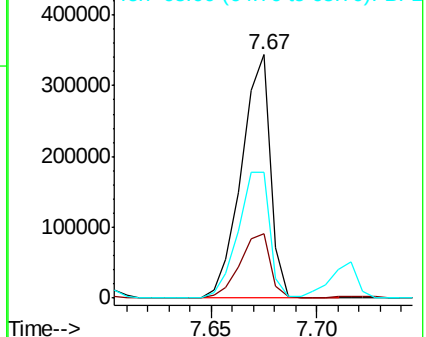
139 100

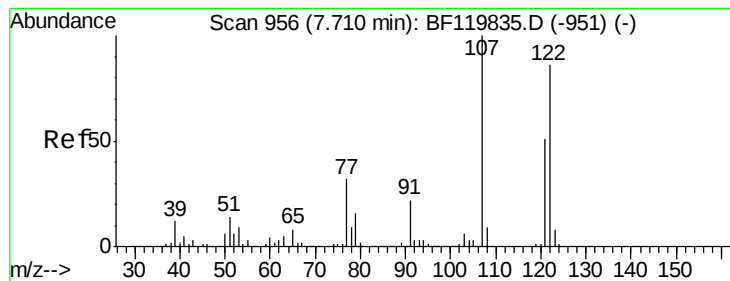
109 26.4 21.8 32.6

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

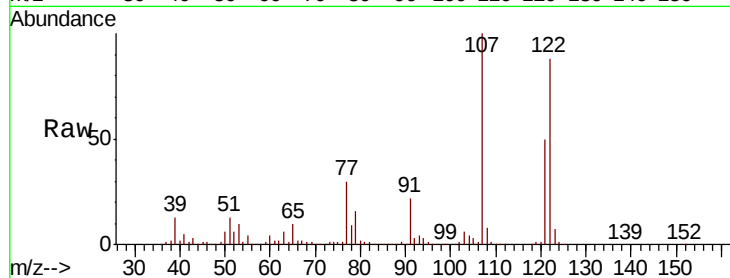
Tot Ion:122 Resp: 406723

Ion Ratio Lower Upper

122 100

107 113.8 92.3 138.5

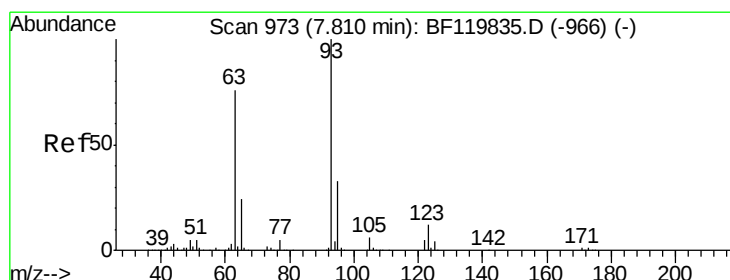
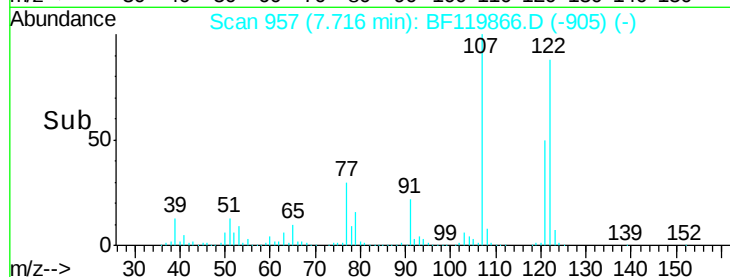
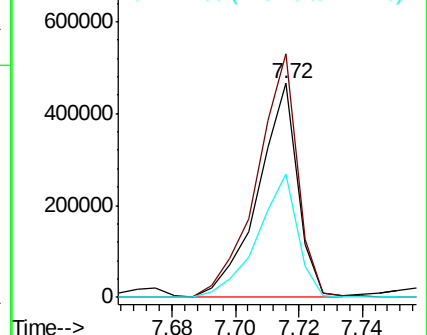
121 57.4 46.6 70.0



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

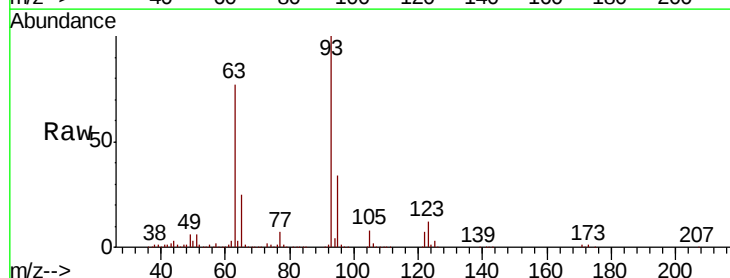
Tgt Ion: 93 Resp: 742657

Ion Ratio Lower Upper

93 100

95 33.6 26.4 39.6

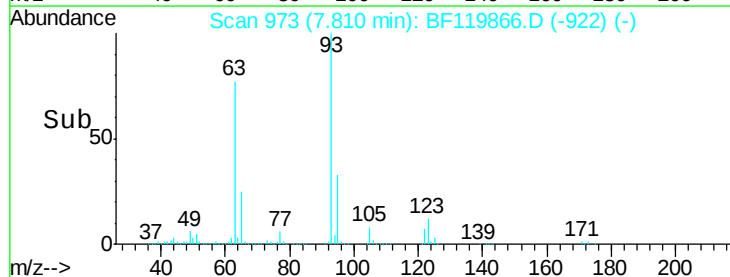
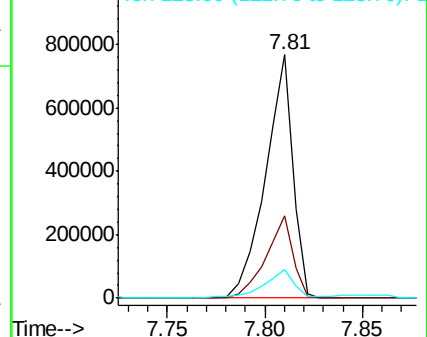
123 11.7 9.7 14.5

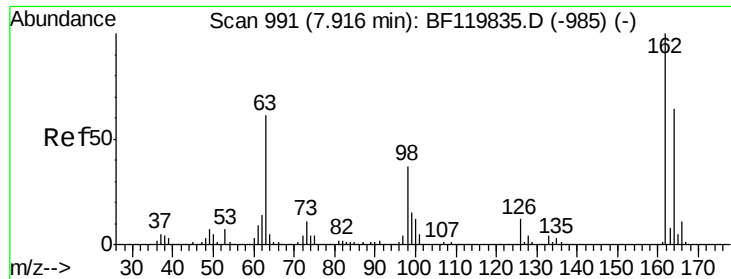


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

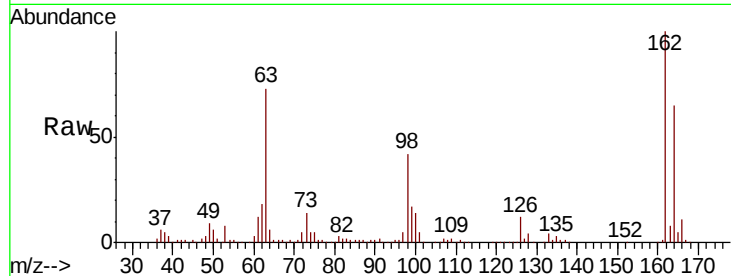




#29
2,4-Dichlorophenol
Concen: 53.901 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

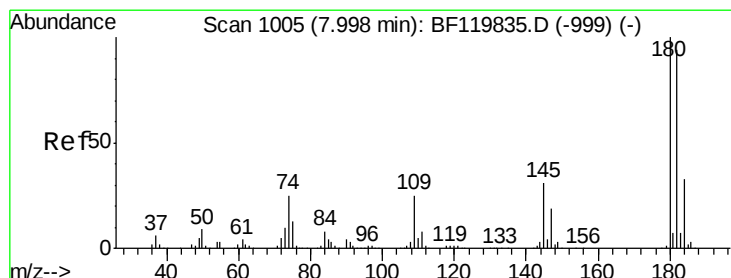
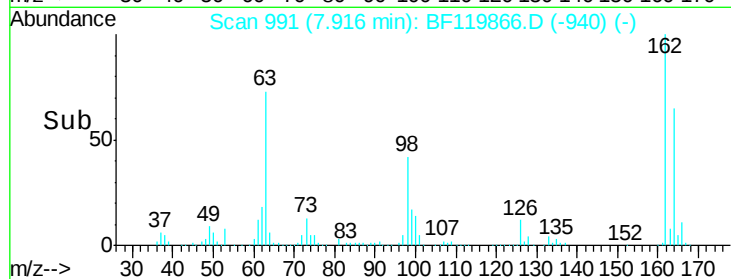
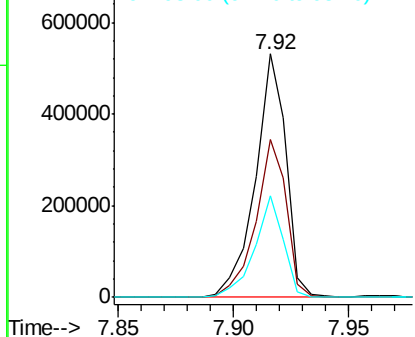


Abundance

Ion 162.00 (161.70 to 162.70): E

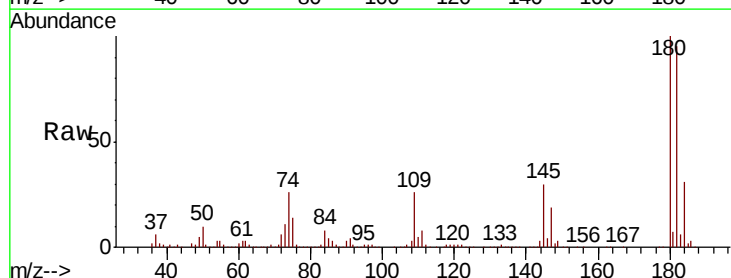
Ion 164.00 (163.70 to 164.70): E

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

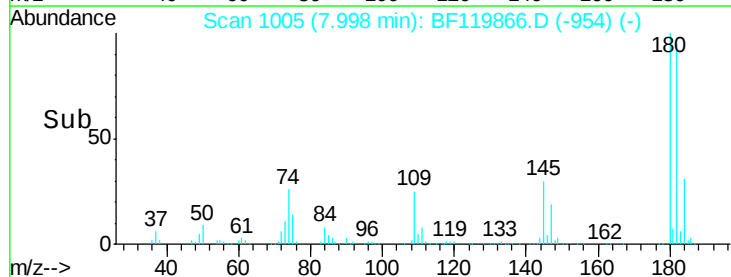
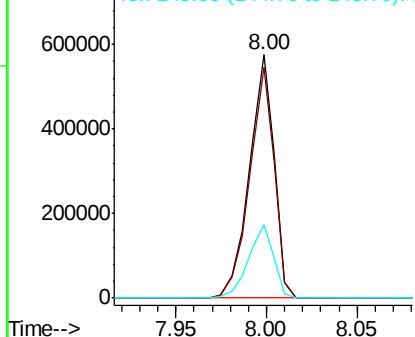


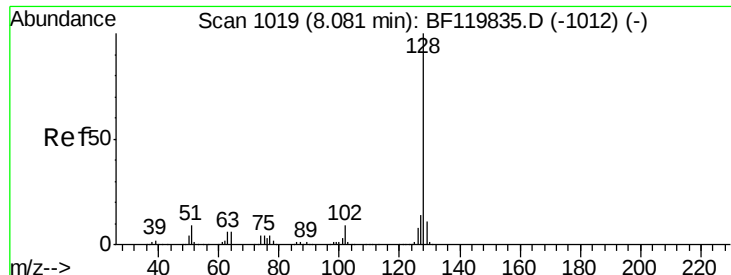
Abundance

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

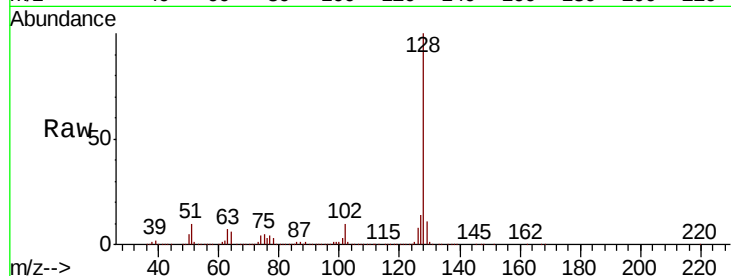




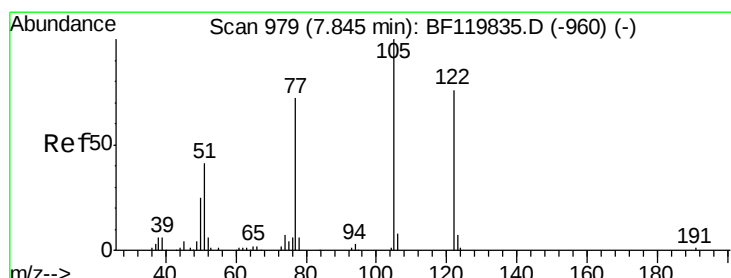
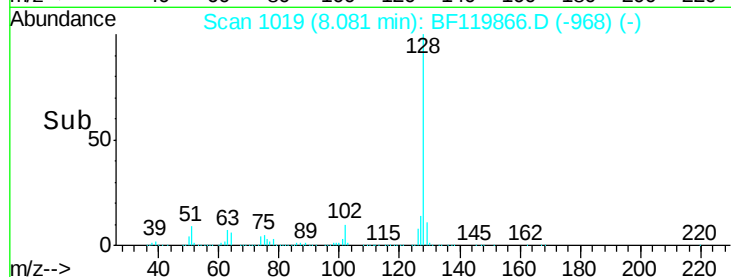
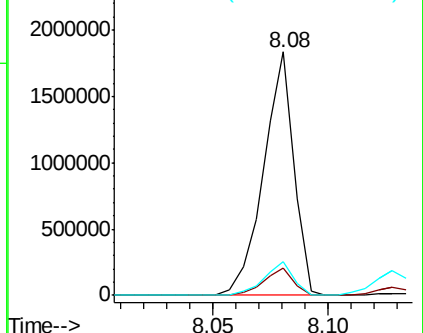
#31
Naphthalene
Concen: 52.359 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

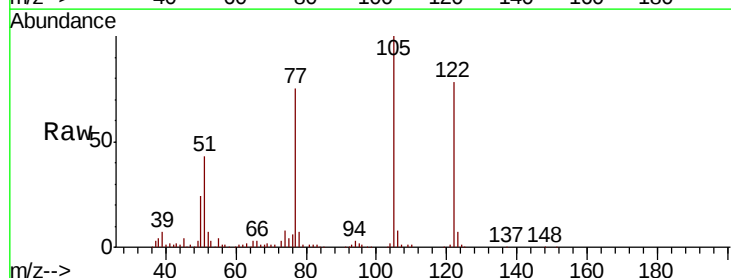


Abundance Ion 128.00 (127.70 to 128.70): E
2500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

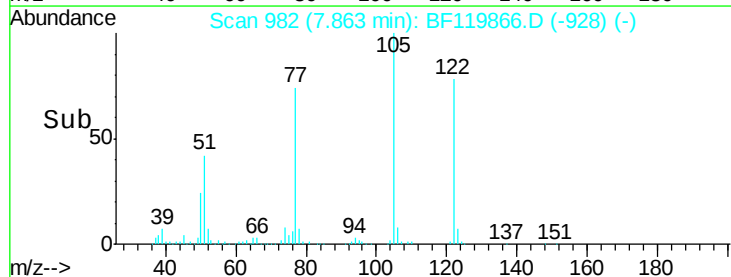
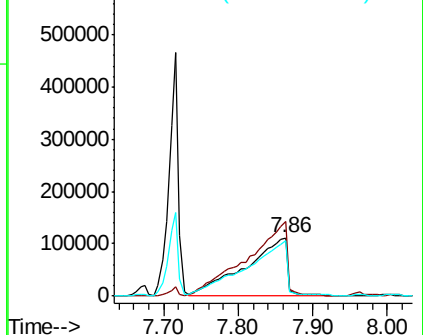


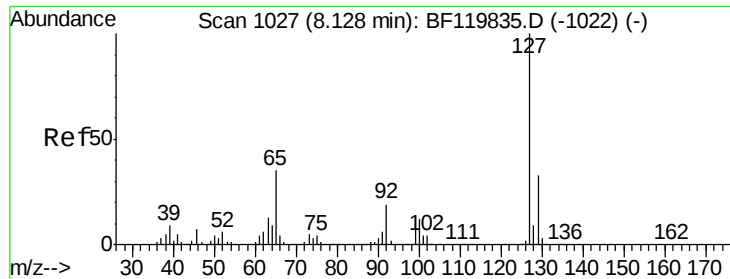
#32
Benzoic acid
Concen: 54.874 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

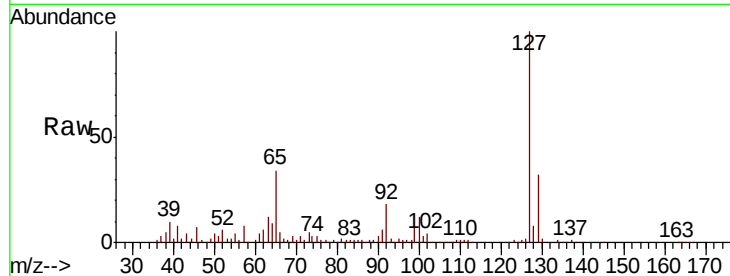




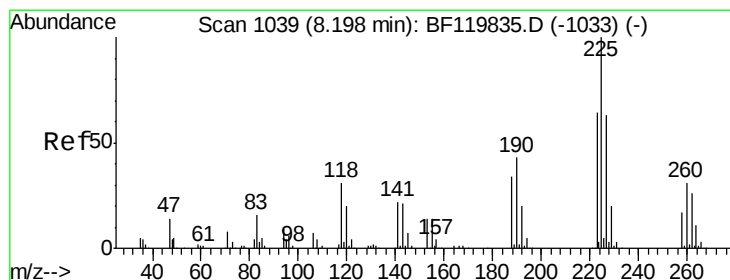
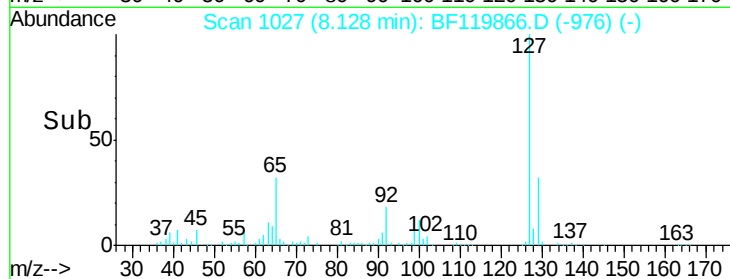
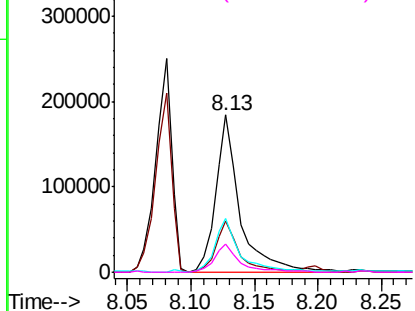
#33
4-Chloroaniline
Concen: 17.524 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

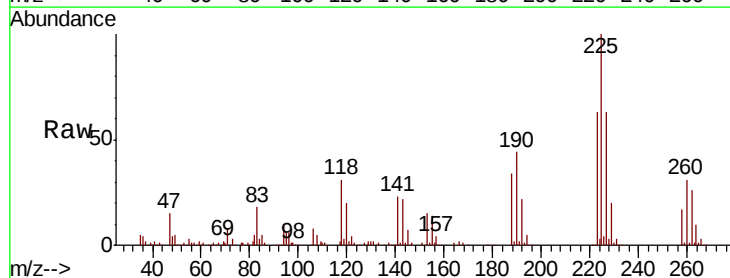


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

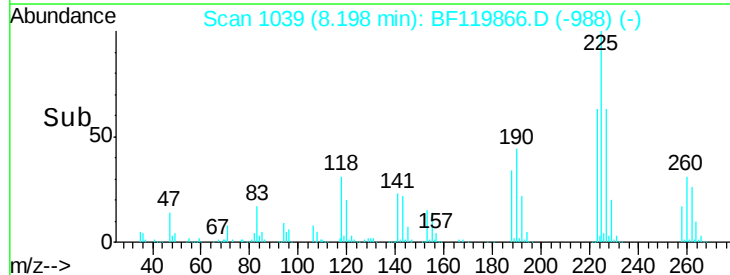
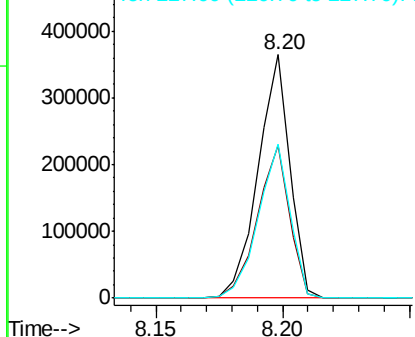


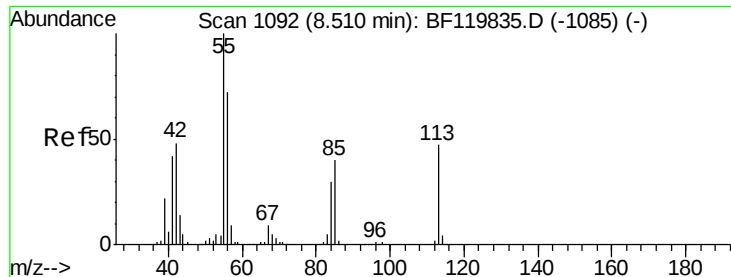
#34
Hexachlorobutadiene
Concen: 51.626 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

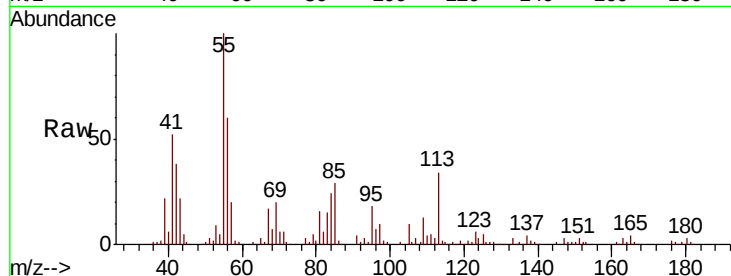
Tot Ion:113 Resp: 154348

Ion Ratio Lower Upper

113 100

55 297.2 192.7 232.7#

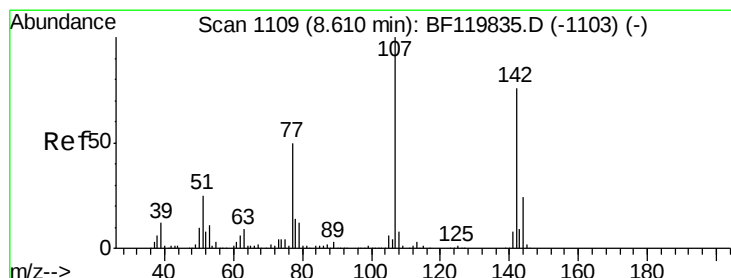
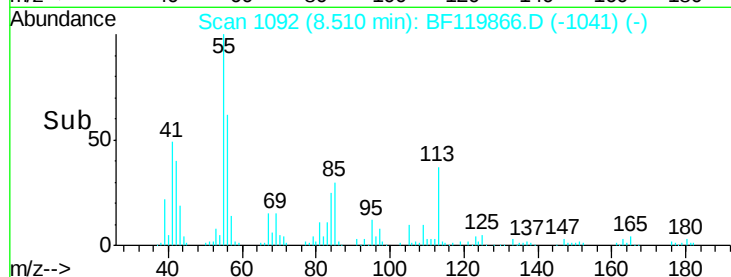
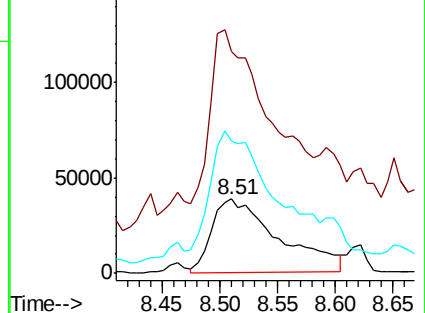
56 178.2 133.3 173.3#



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

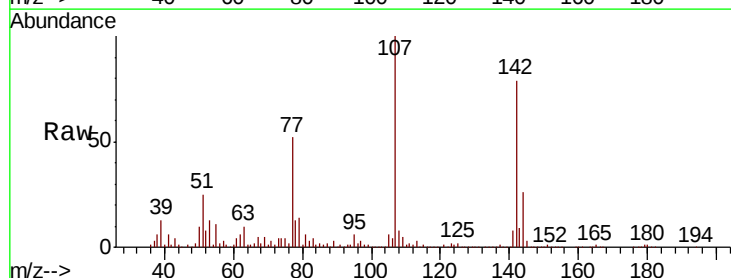
Tgt Ion:107 Resp: 533117

Ion Ratio Lower Upper

107 100

144 25.8 19.5 29.3

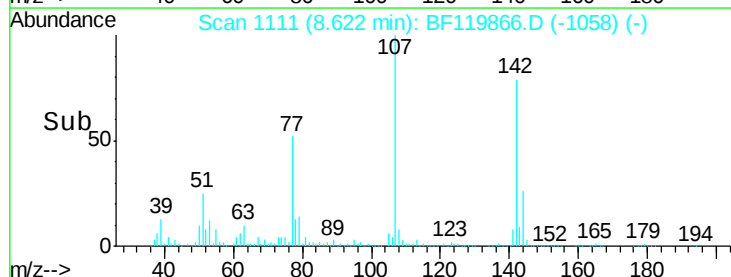
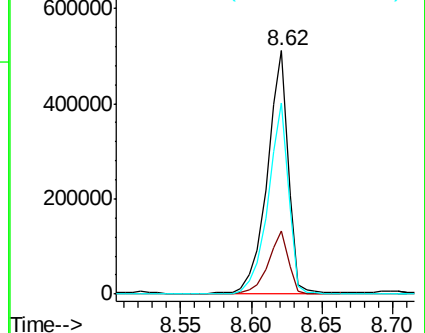
142 78.7 60.5 90.7

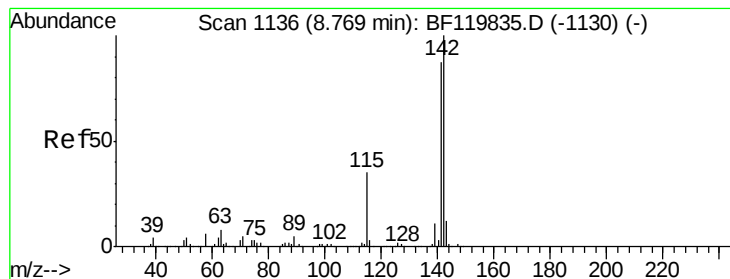


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

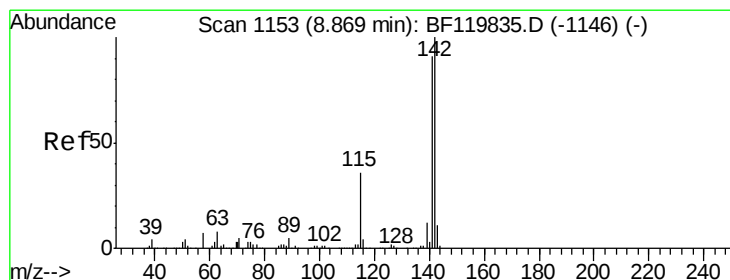
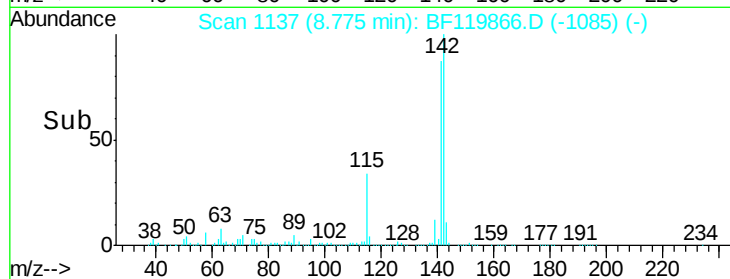
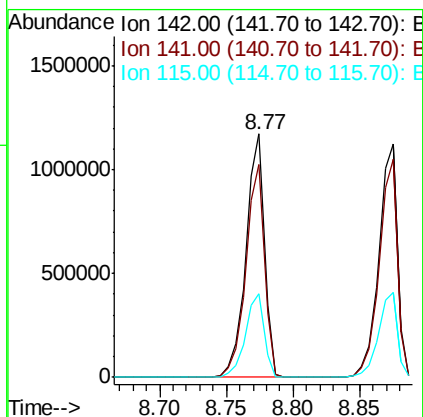
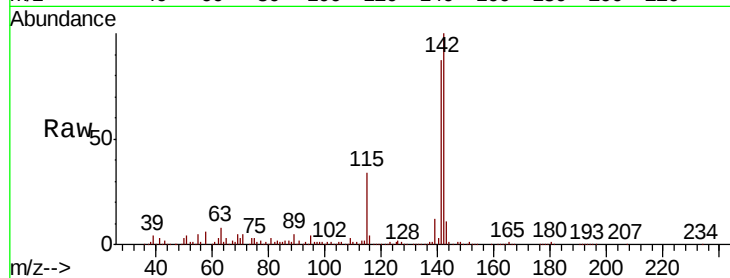




#37
 2-Methylnaphthalene
 Concen: 51.299 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

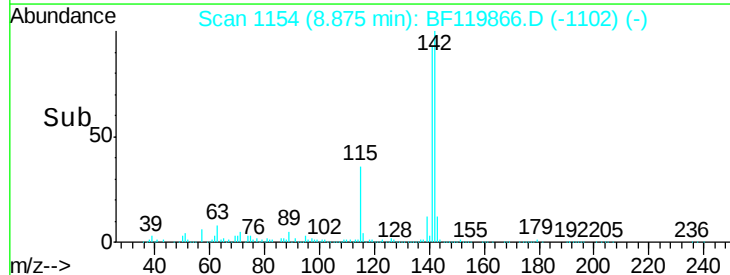
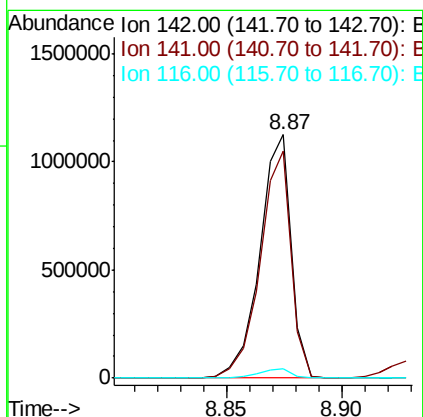
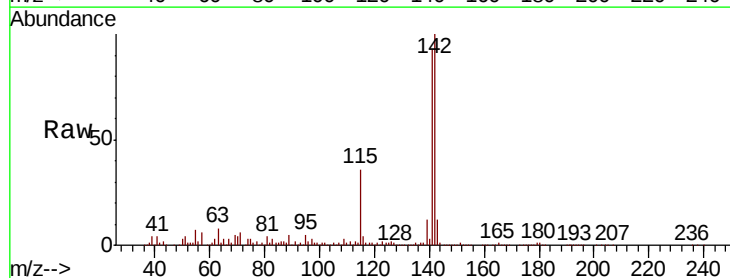
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

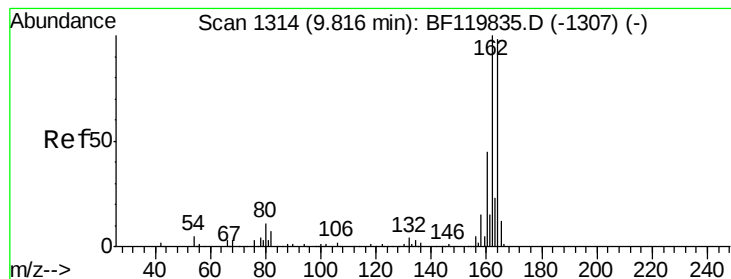
Tot Ion:142 Resp: 1113269
 Ion Ratio Lower Upper
 142 100
 141 87.4 69.9 104.9
 115 34.3 28.0 42.0



#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





#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

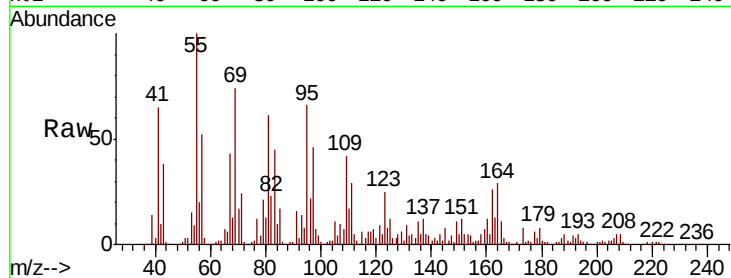
Tot Ion:164 Resp: 250842

Ion Ratio Lower Upper

164 100

162 91.6 81.9 122.9

160 42.1 36.6 54.8

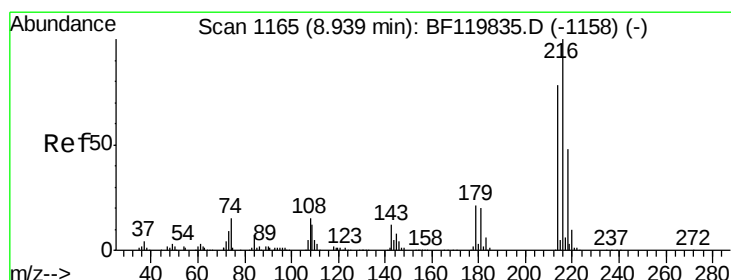
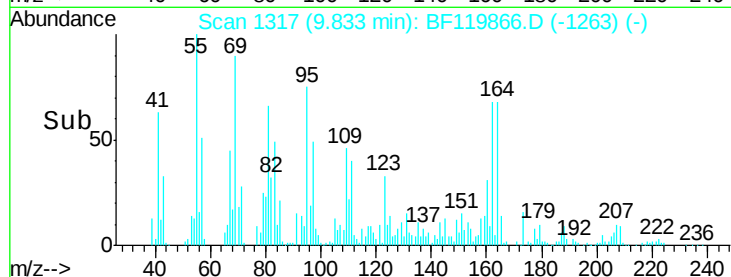
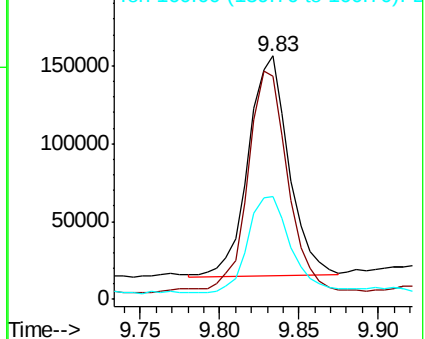


Abundance

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

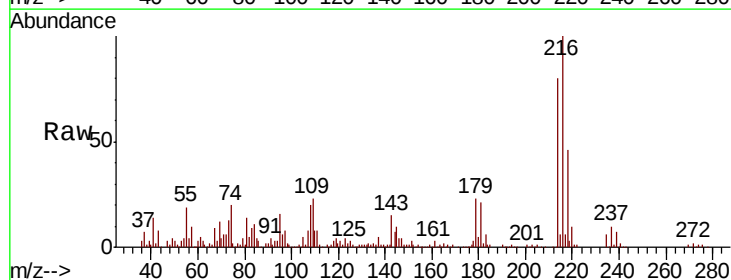
Ion Ratio Lower Upper

216 100

214 79.1 63.1 94.7

179 20.1 17.0 25.4

108 21.7 14.8 22.2



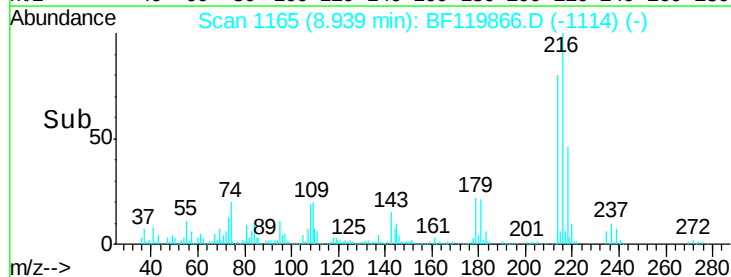
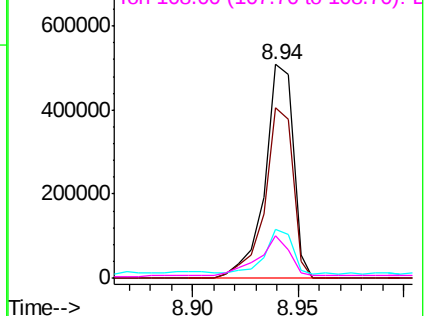
Abundance

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

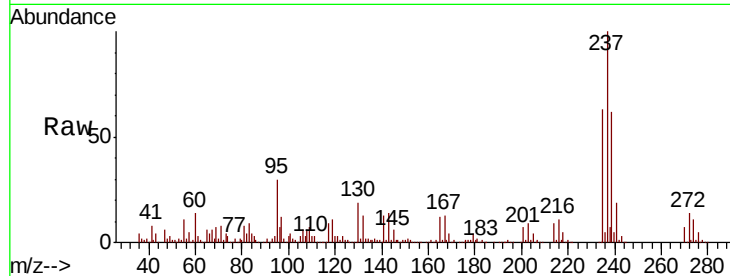
Tot Ion:237 Resp: 588841

Ion Ratio Lower Upper

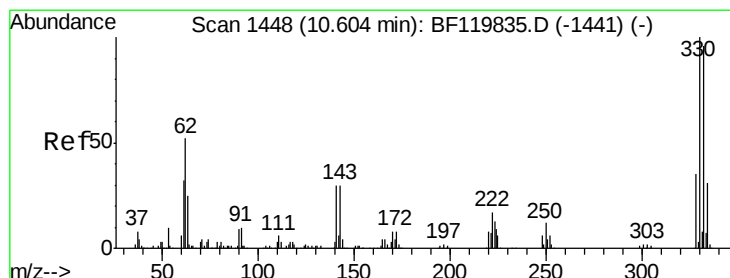
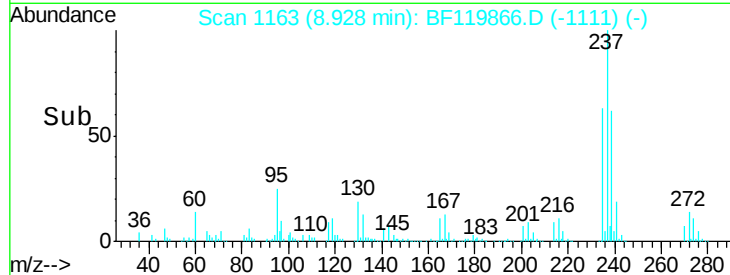
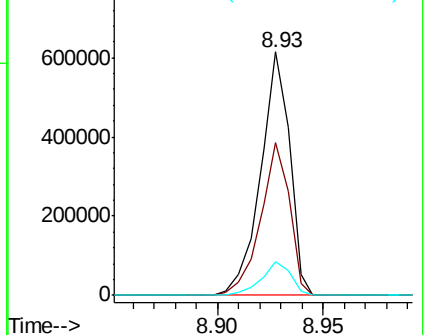
237 100

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

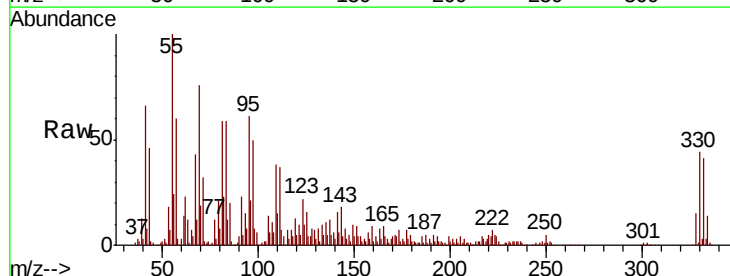
Tgt Ion:330 Resp: 396238

Ion Ratio Lower Upper

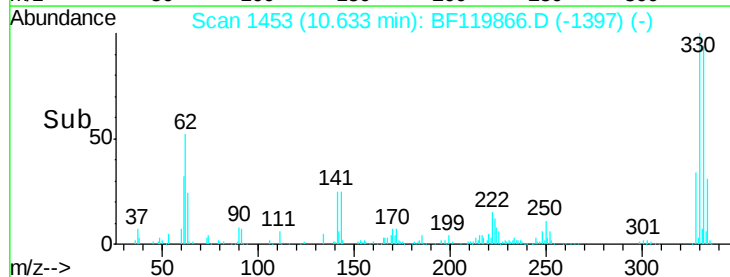
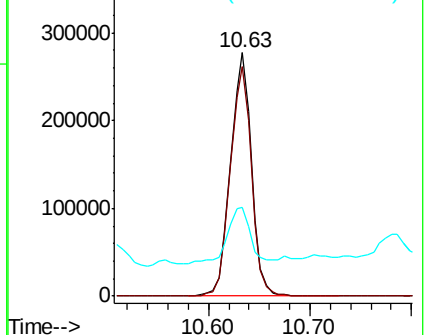
330 100

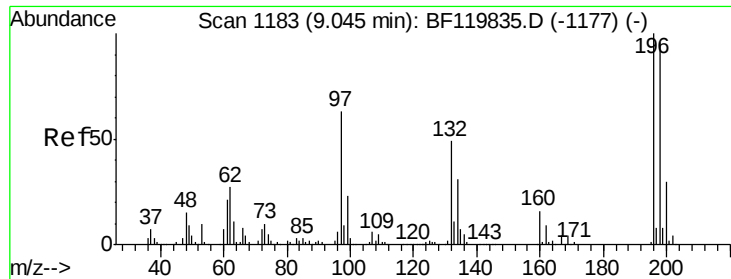
332 95.5 76.8 115.2

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

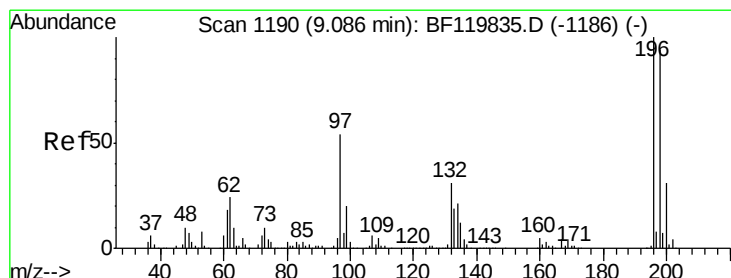
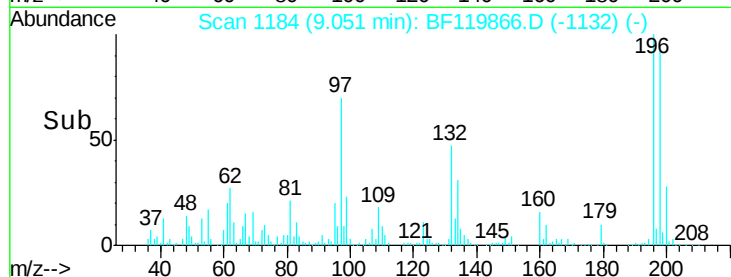
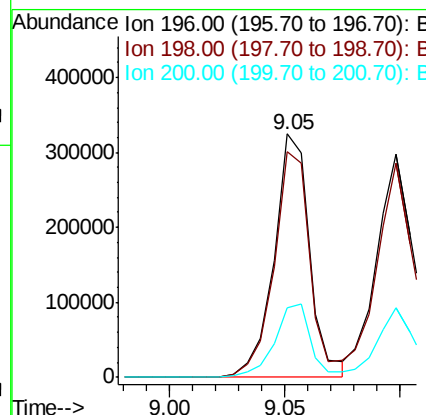
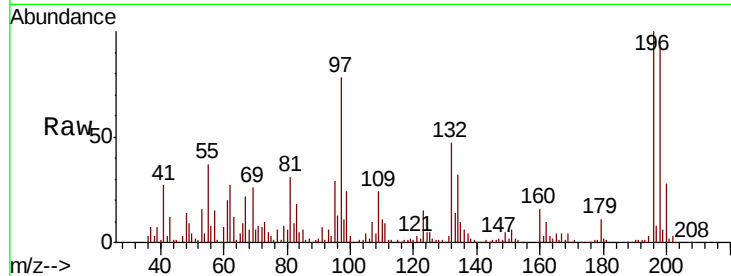




#43
 2,4,6-Trichlorophenol
 Concen: 63.183 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

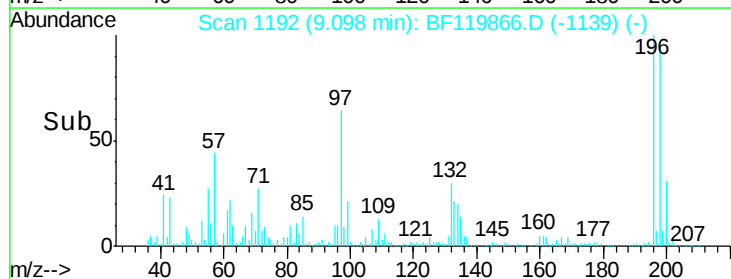
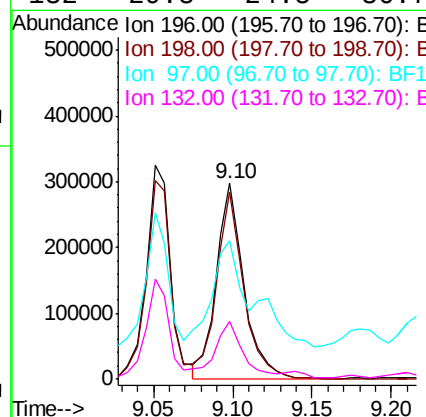
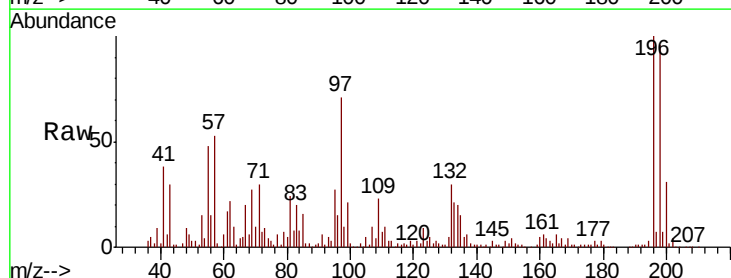
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

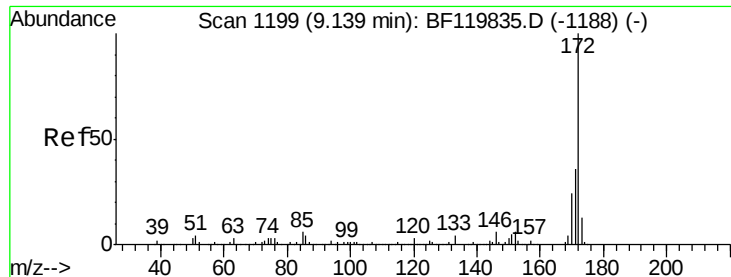
Tot Ion:196 Resp: 345671
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.6 115.0
 200 28.4 24.2 36.2



#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

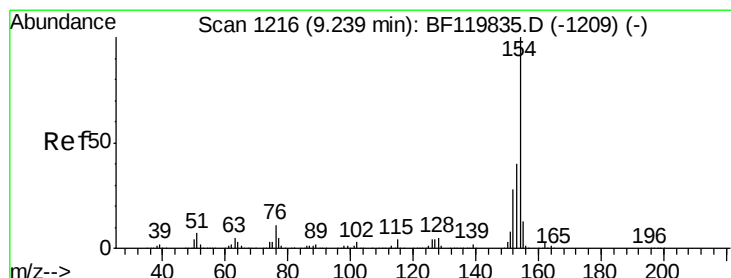
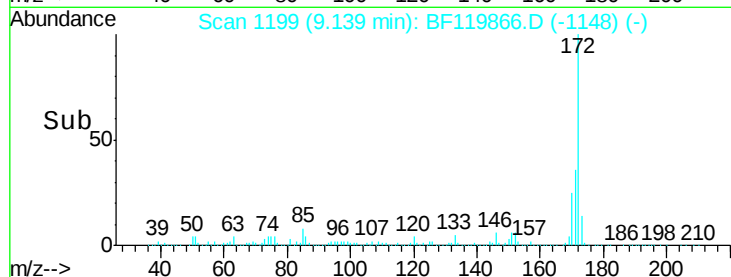
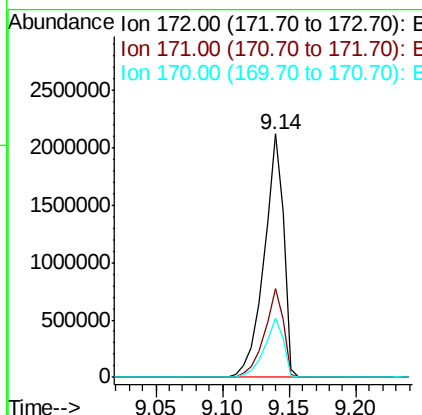
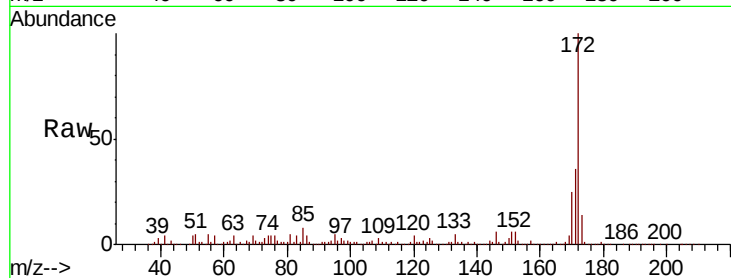




#45
2-Fluorobiphenyl
Concen: 120.723 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

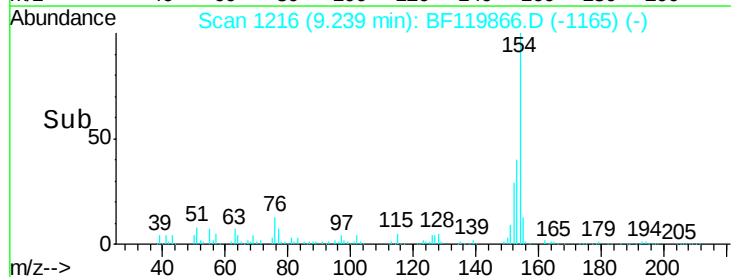
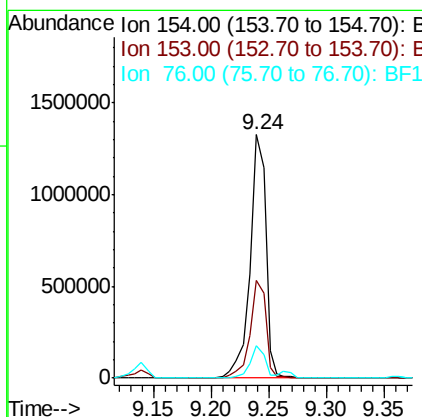
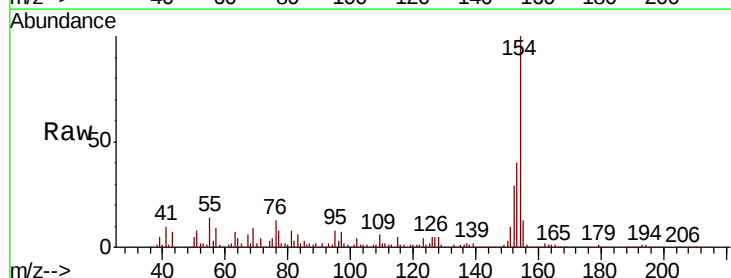
Instrument :
BNA_F
ClientSampleId :
72-11991MS

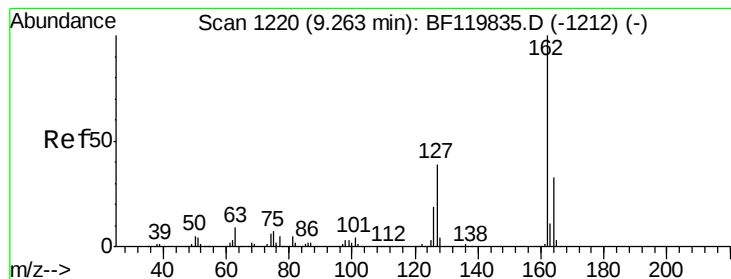
Tot Ion:172 Resp: 2132897
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.5 19.4 29.2



#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

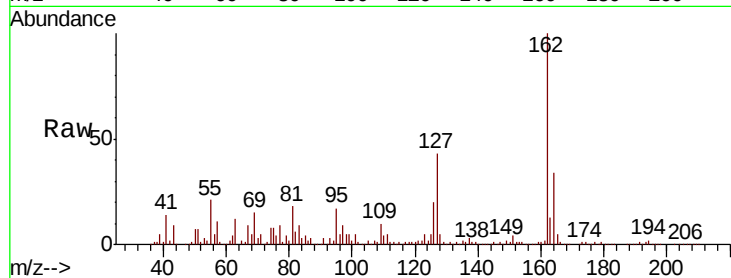
Tot Ion:162 Resp: 987280

Ion Ratio Lower Upper

162 100

127 43.4 31.2 46.8

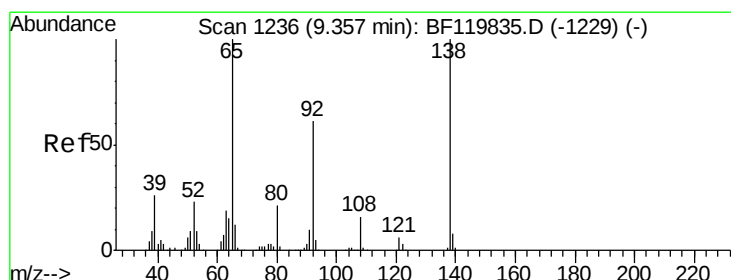
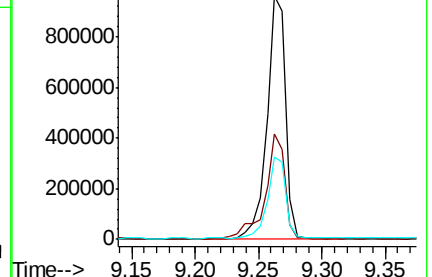
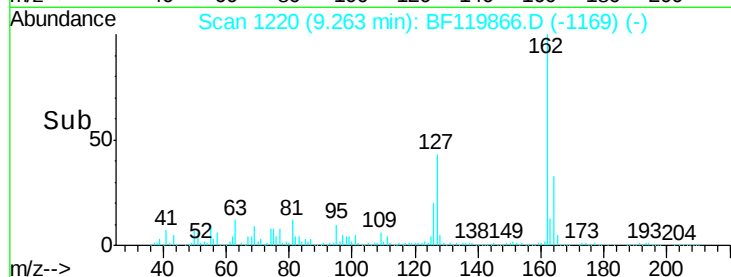
164 33.6 26.3 39.5



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

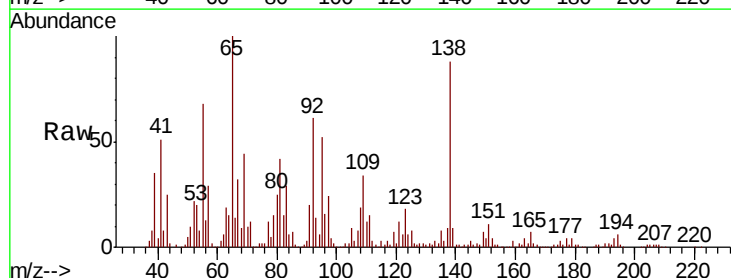
Tgt Ion: 65 Resp: 387409

Ion Ratio Lower Upper

65 100

92 60.7 49.0 73.6

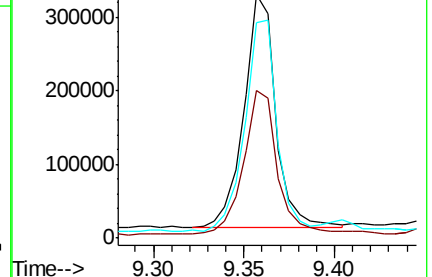
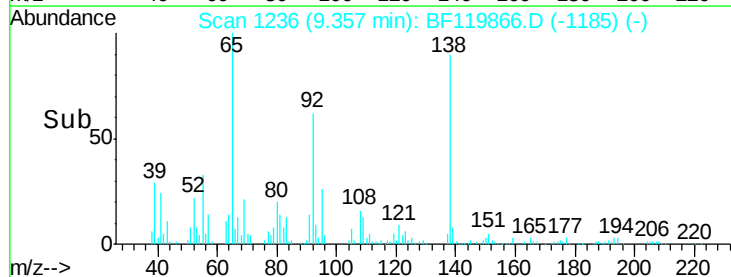
138 88.4 79.7 119.5

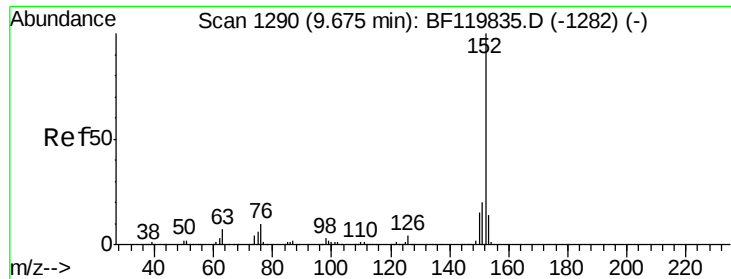


Abundance Ion 65.00 (64.70 to 65.70): BF1

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

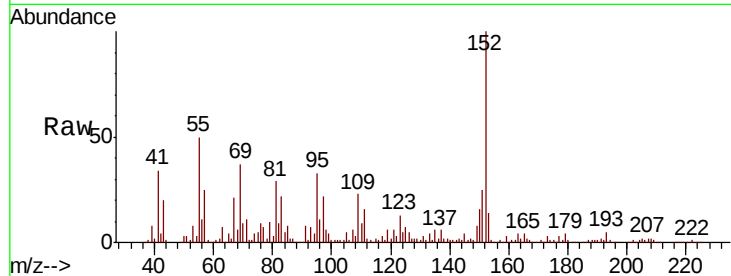
Tot Ion:152 Resp: 1415728

Ion Ratio Lower Upper

152 100

151 24.5 16.2 24.4#

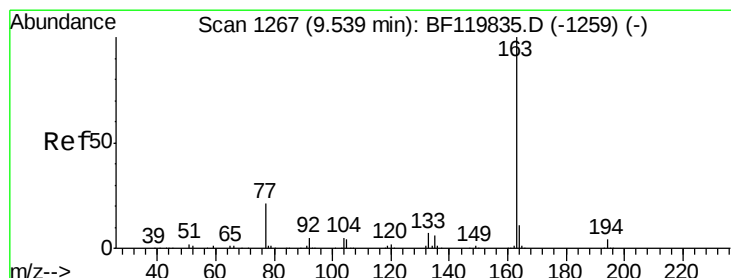
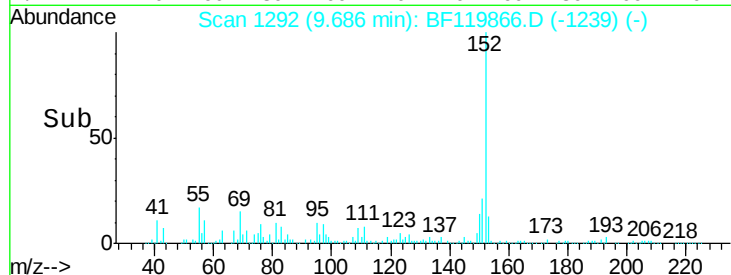
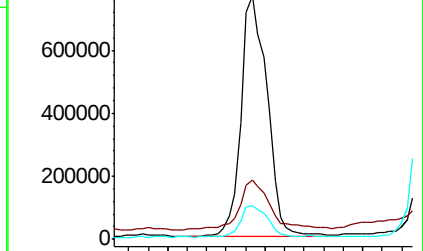
153 13.6 10.9 16.3



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

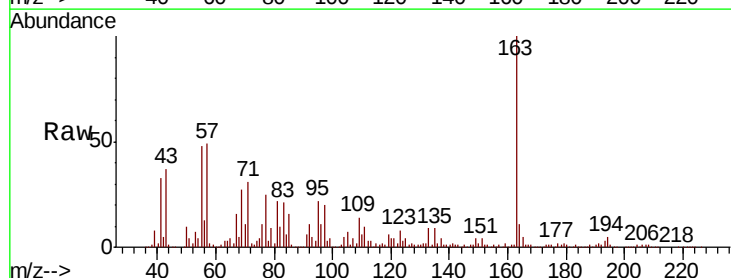
Tgt Ion:163 Resp: 1341880

Ion Ratio Lower Upper

163 100

194 5.0 3.0 4.4#

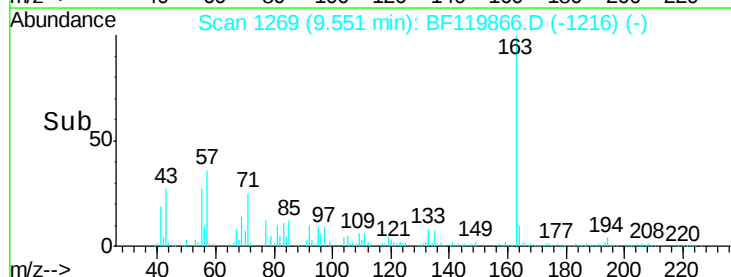
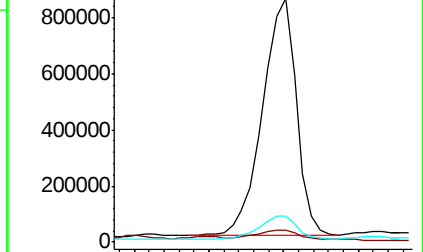
164 10.8 8.4 12.6

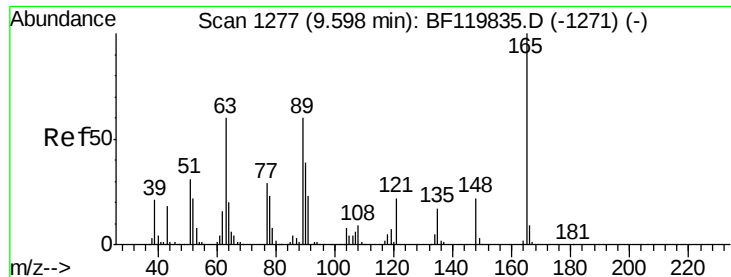


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

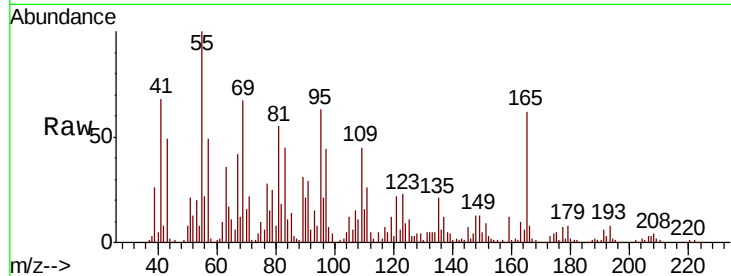




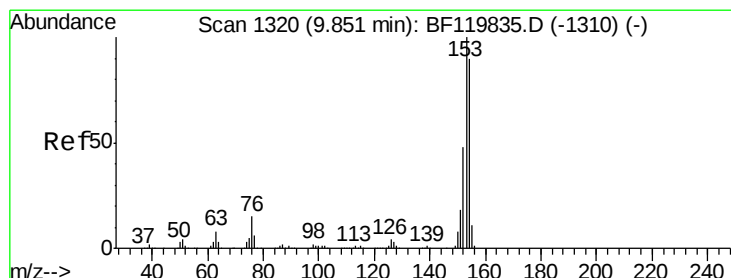
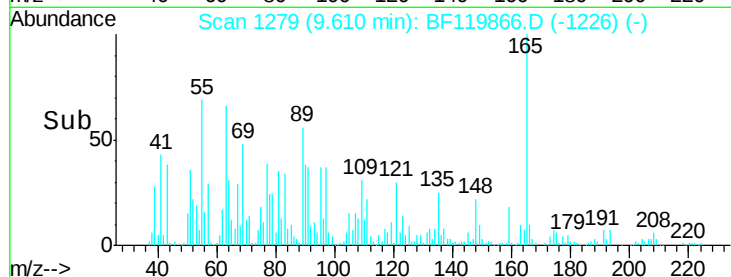
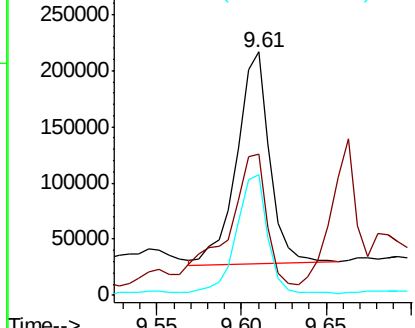
#51
2,6-Dinitrotoluene
Concen: 60.152 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

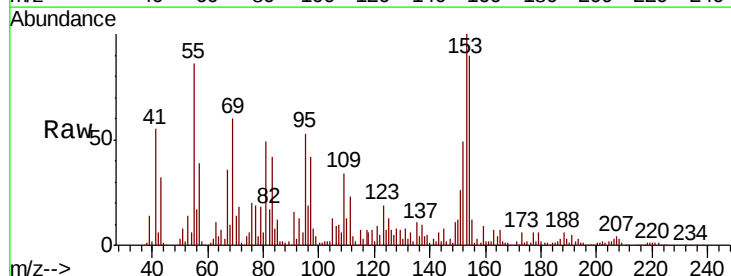


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

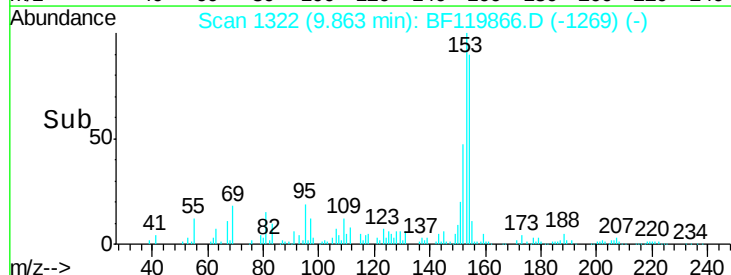
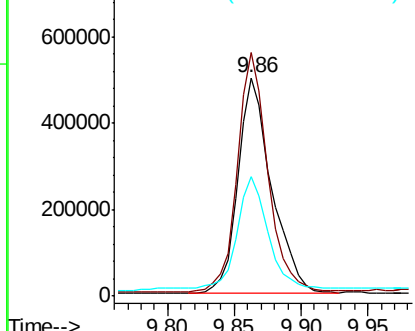


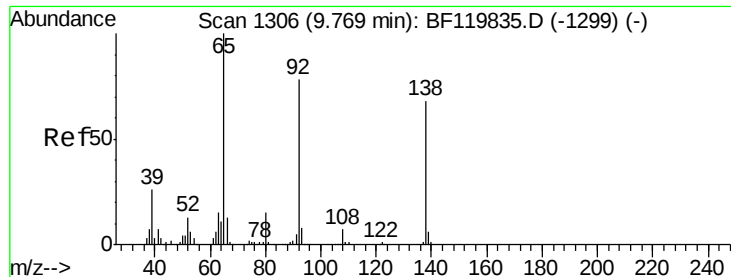
#52
Acenaphthene
Concen: 53.017 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

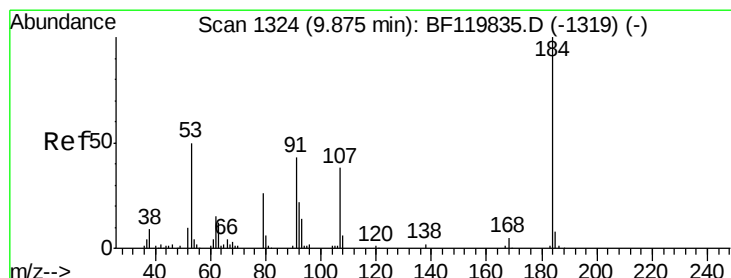
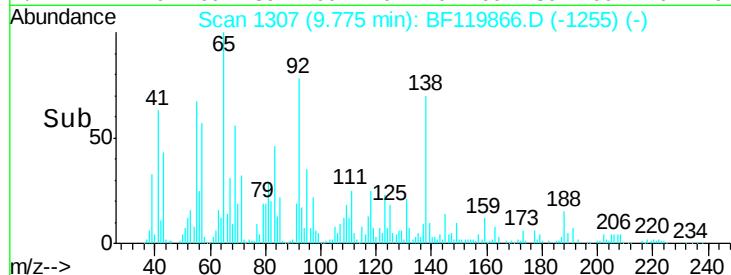
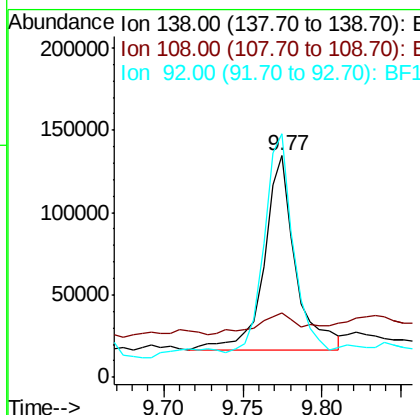
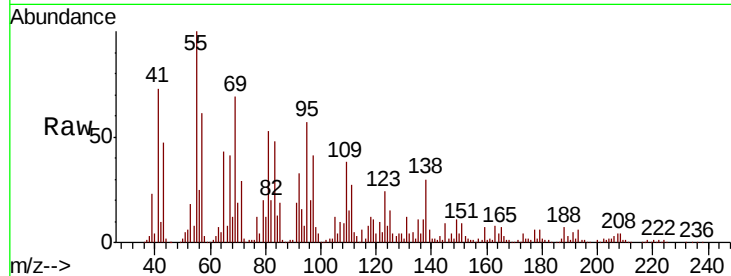




#53
 3-Nitroaniline
 Concen: 33.334 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

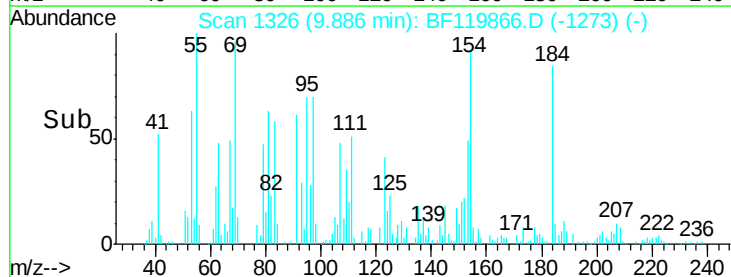
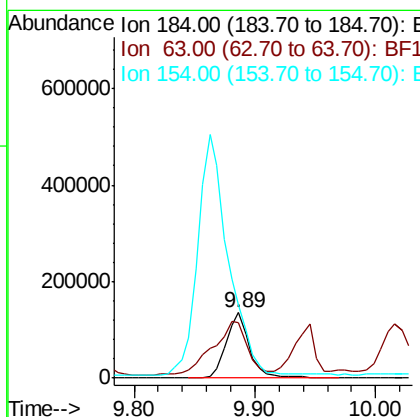
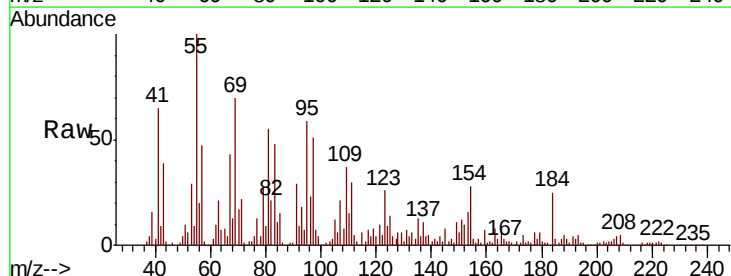
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

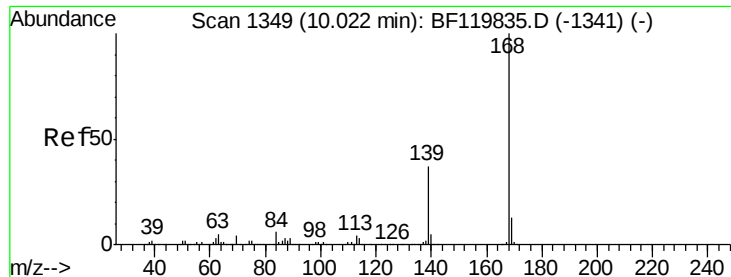
Tot Ion:138 Resp: 161755
 Ion Ratio Lower Upper
 138 100
 108 29.1 8.0 12.0#
 92 110.0 92.1 138.1



#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#

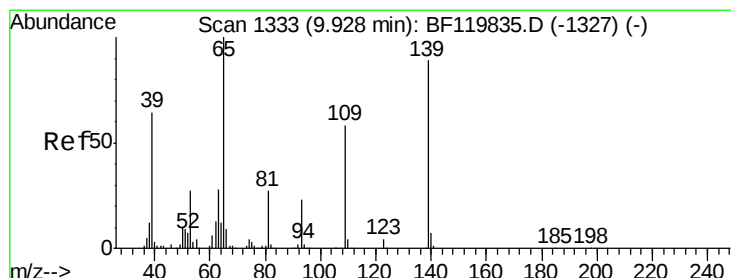
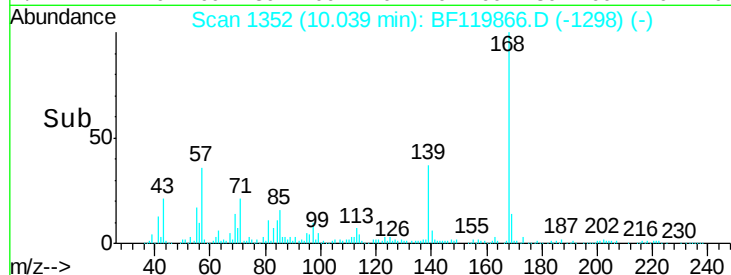
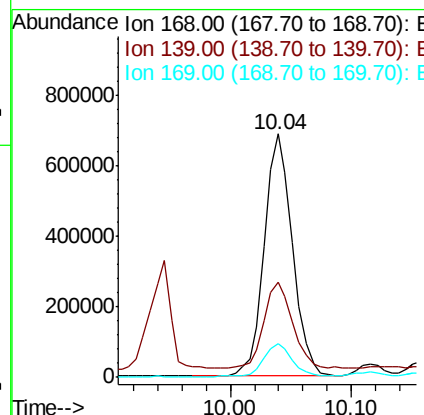
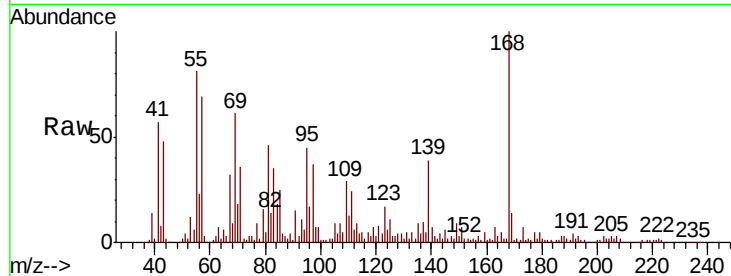




#55
Dibenzofuran
Concen: 49.025 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

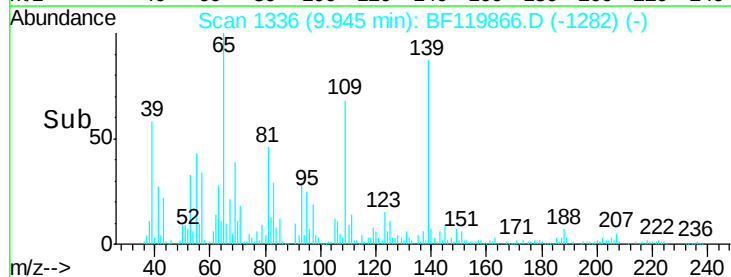
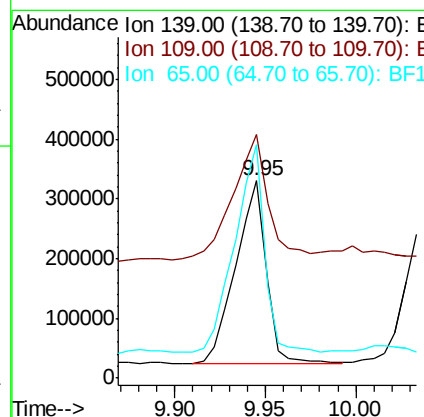
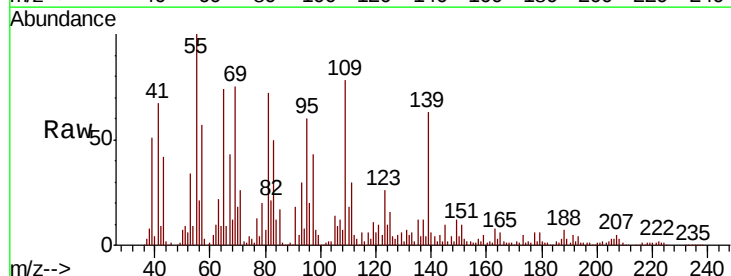
Instrument :
BNA_F
ClientSampleId :
72-11991MS

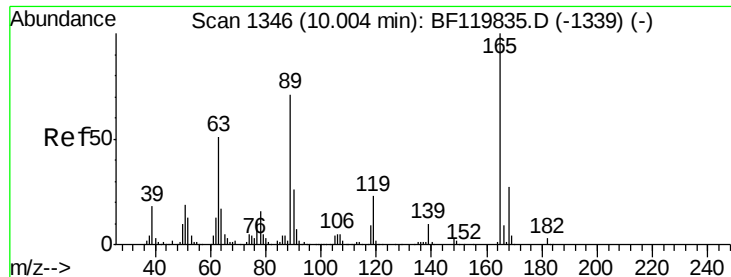
Tot Ion:168 Resp: 1113147
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.6
169 14.1 10.6 15.8



#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

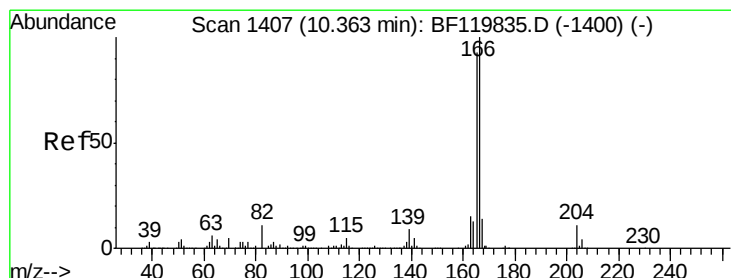
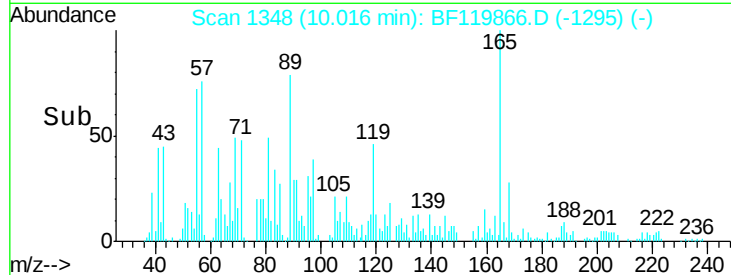
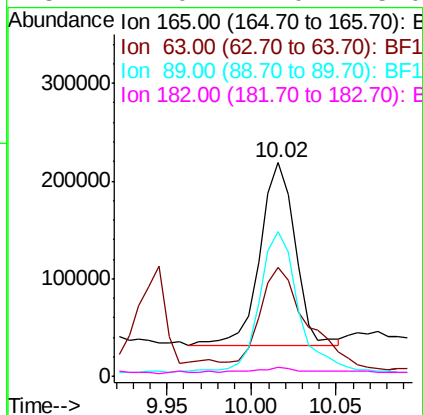
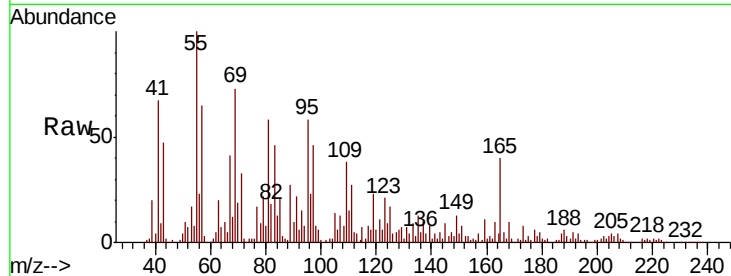




#57
 2,4-Dinitrotoluene
 Concen: 48.160 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

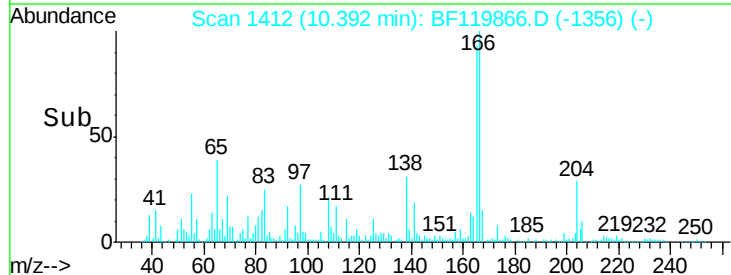
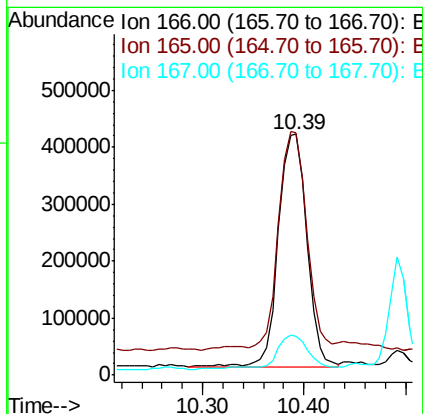
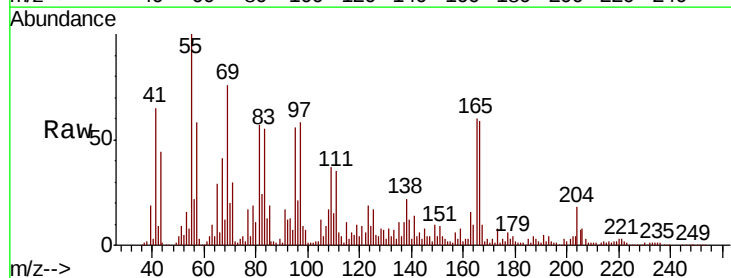
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

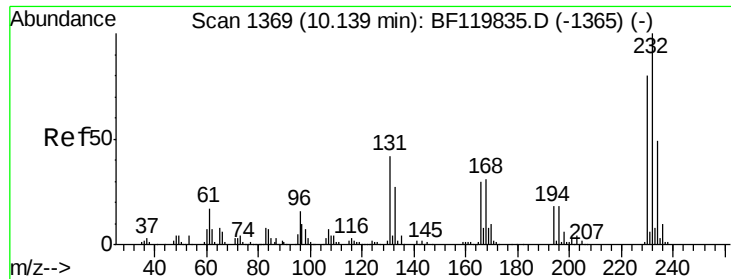
Tot Ion:165 Resp: 269590
 Ion Ratio Lower Upper
 165 100
 63 50.9 40.8 61.2
 89 67.9 56.9 85.3
 182 4.0 2.0 3.0#



#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:166 Resp: 801148
 Ion Ratio Lower Upper
 166 100
 165 100.5 74.2 111.2
 167 16.3 10.8 16.2#

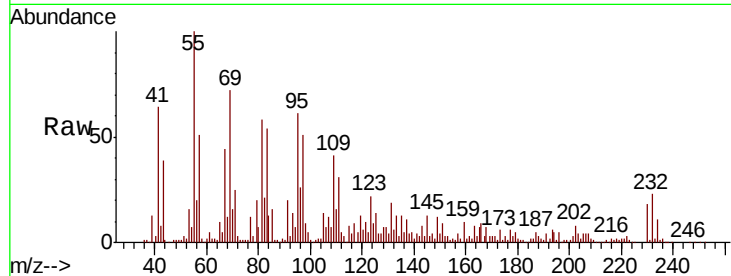




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.779 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.02 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

Tot Ion	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

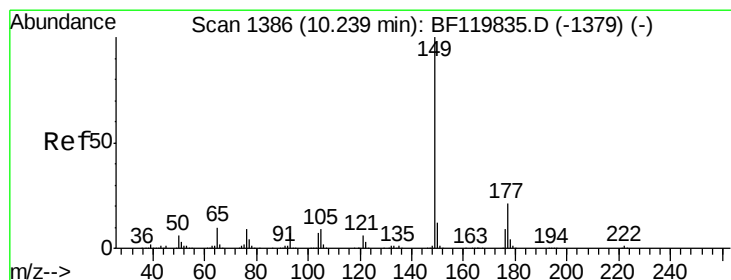
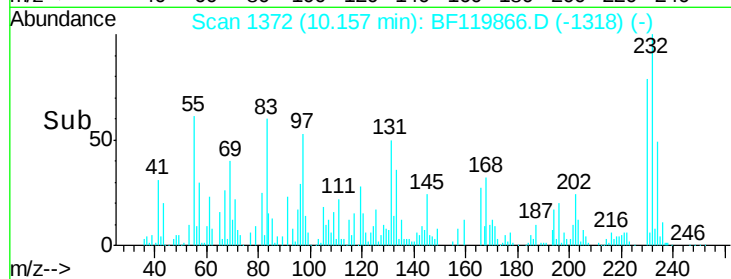
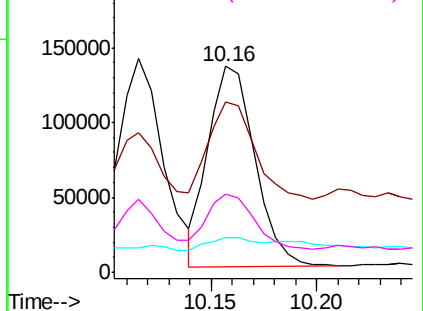


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

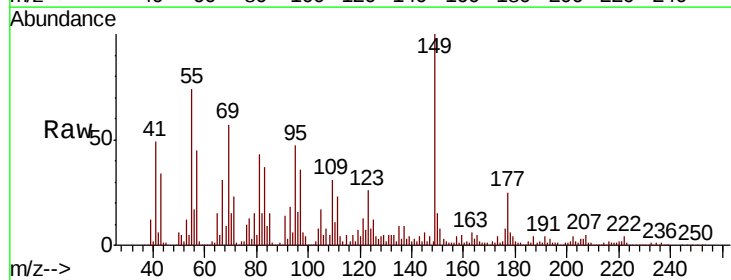
Ion 130.00 (129.70 to 130.70): E

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

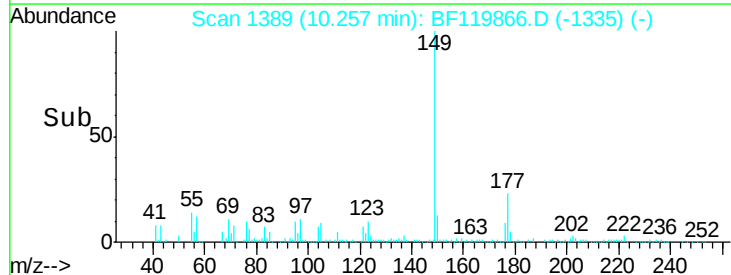
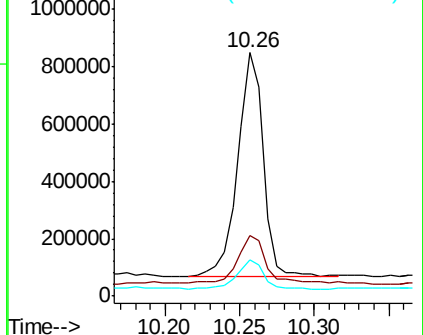
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	16.8	25.2
150	14.9	9.8	14.6

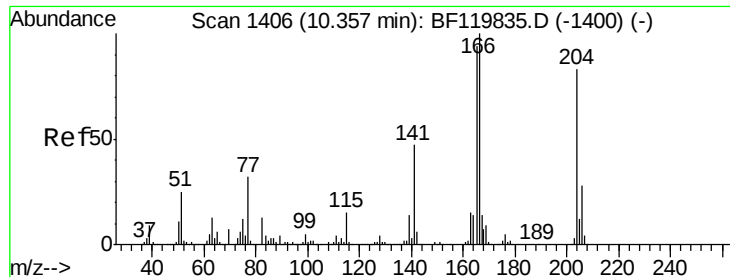


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

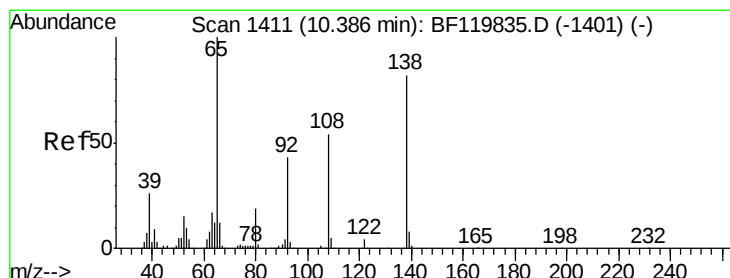
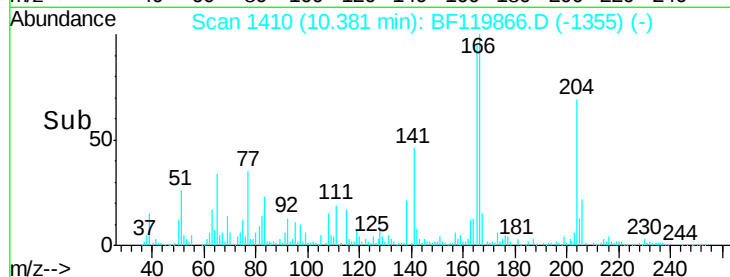
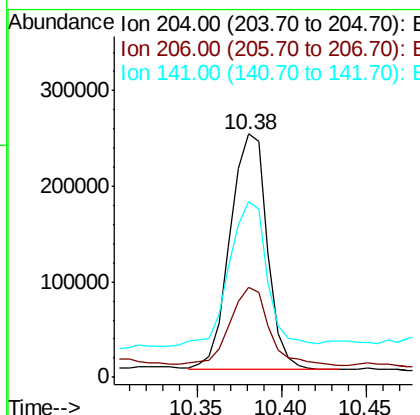
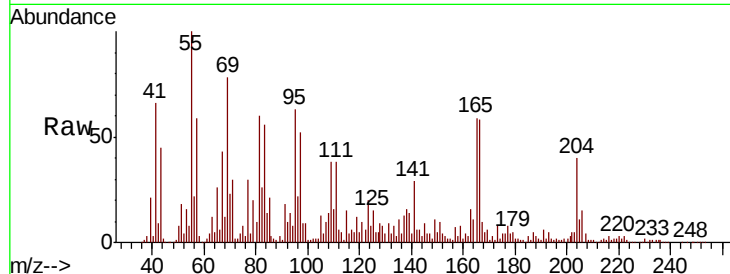




#61
4-Chlorophenyl-phenylether
Concen: 40.554 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

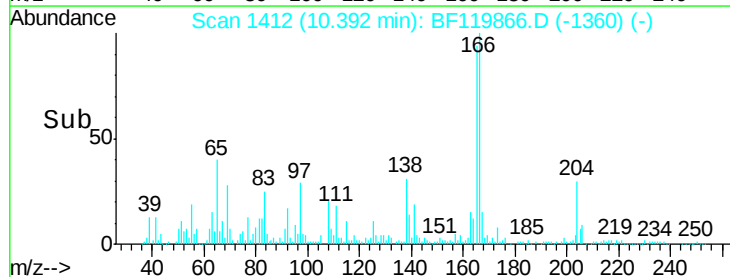
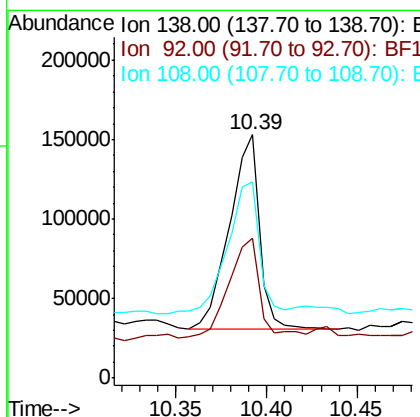
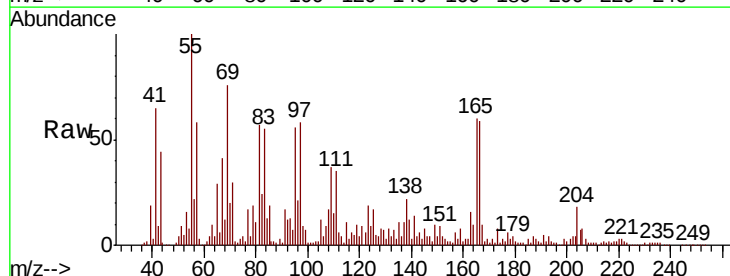
Instrument :
BNA_F
ClientSampleId :
72-11991MS

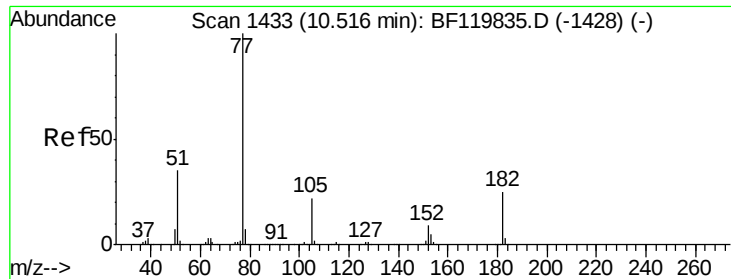
Tot Ion:204 Resp: 377436
Ion Ratio Lower Upper
204 100
206 37.2 26.7 40.1
141 72.2 45.8 68.8#



#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

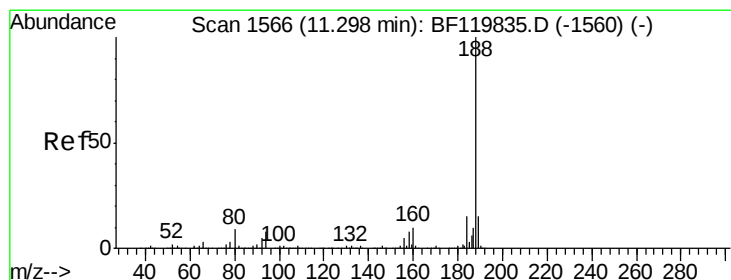
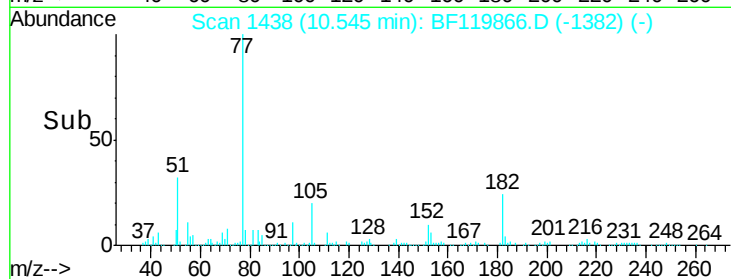
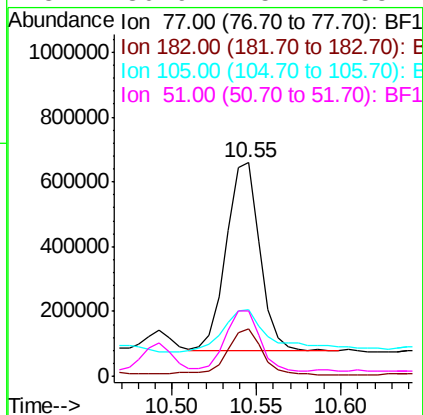
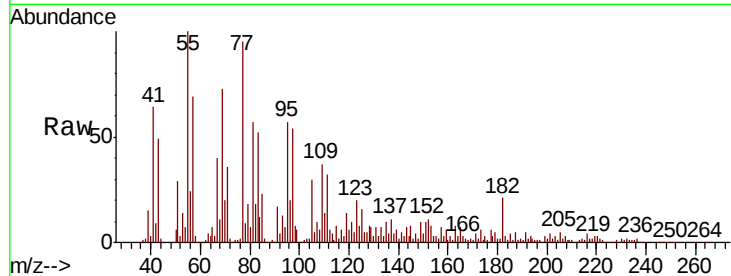




#63
Azobenzene
Concen: 44.329 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.03 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

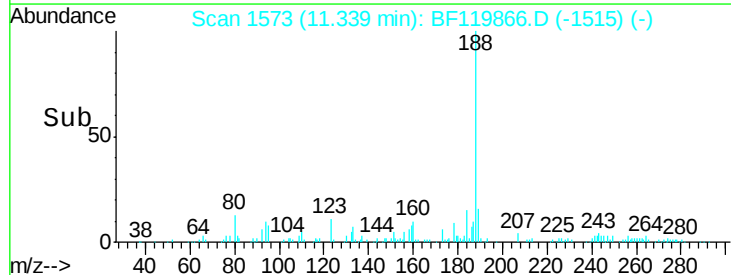
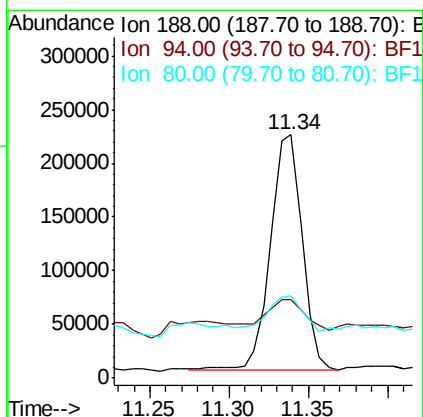
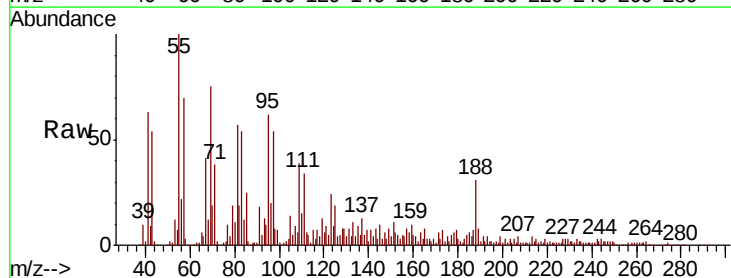
Instrument :
BNA_F
ClientSampleId :
72-11991MS

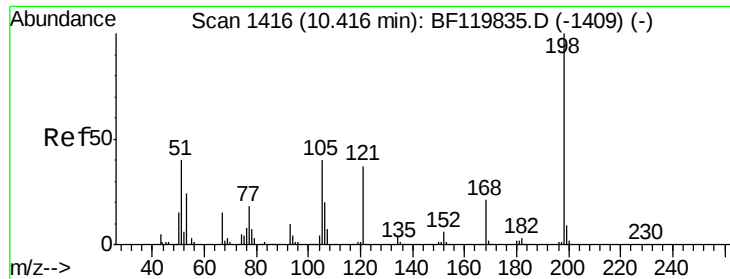
Tot Ion:	77	Resp:	798871
Ion	Ratio	Lower	Upper
77	100		
182	22.2	4.5	44.5
105	31.4	2.2	42.2
51	30.9	15.1	55.1



#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#





#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

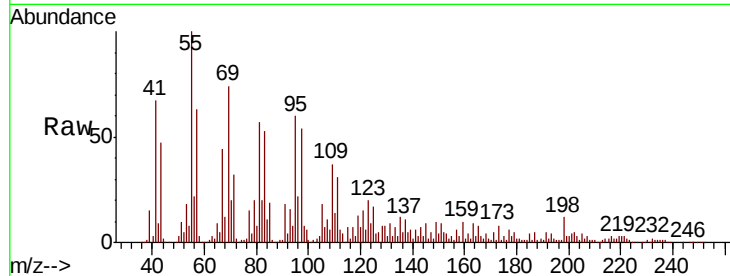
Tot Ion:198 Resp: 100445

Ion Ratio Lower Upper

198 100

51 81.4 25.2 65.2#

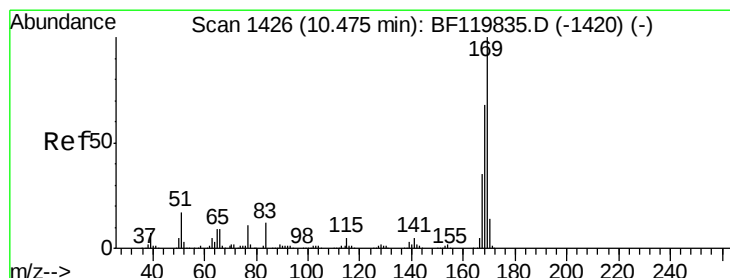
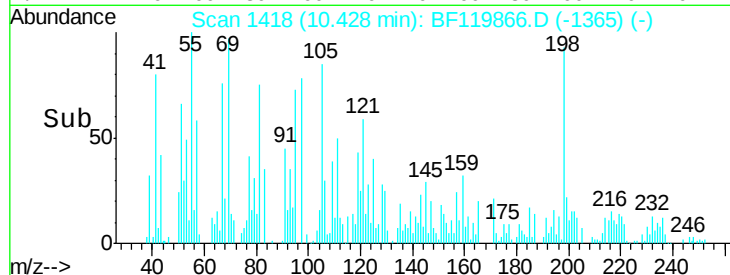
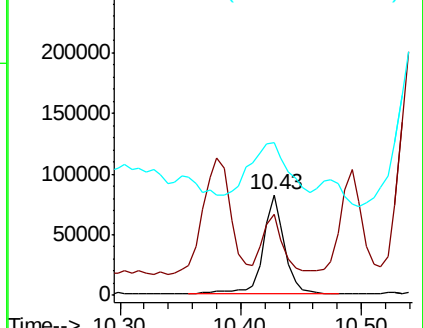
105 152.3 20.8 60.8#



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

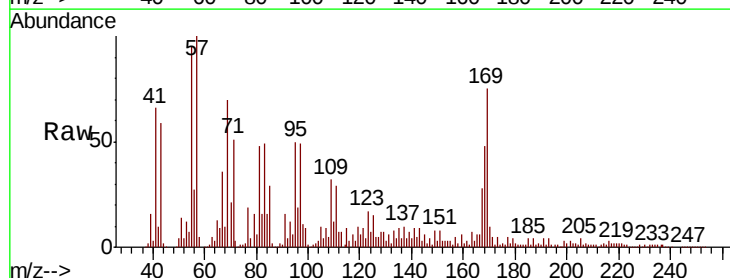
Tgt Ion:169 Resp: 695814

Ion Ratio Lower Upper

169 100

168 64.7 54.2 81.4

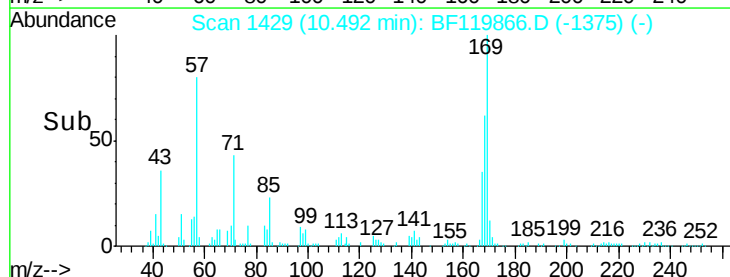
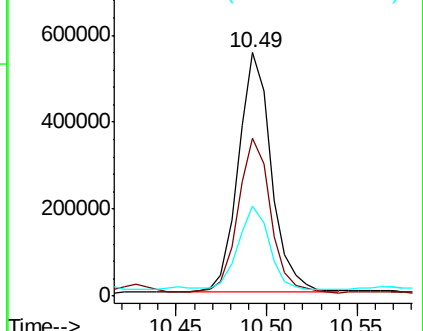
167 37.2 28.3 42.5

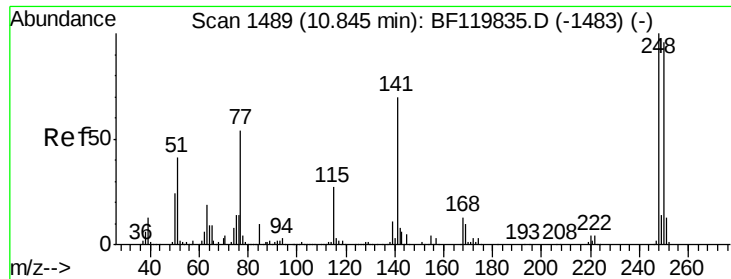


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

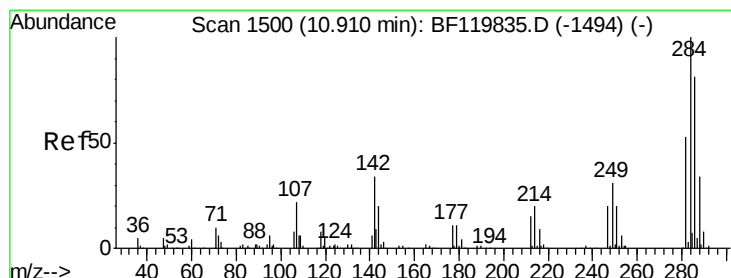
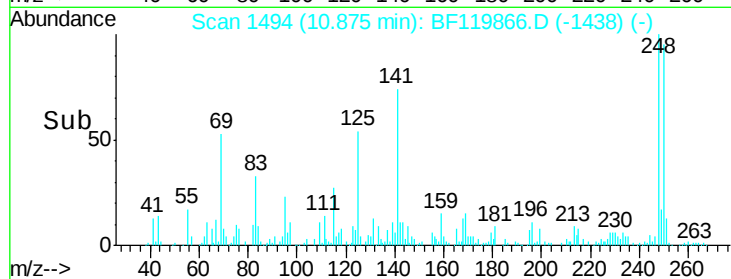
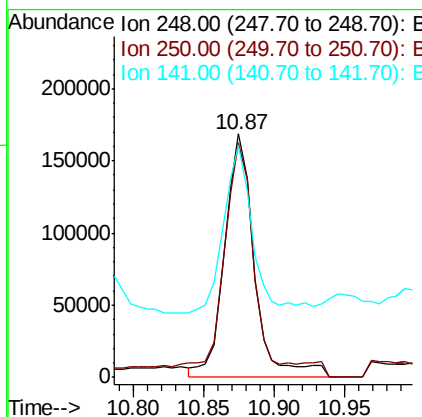
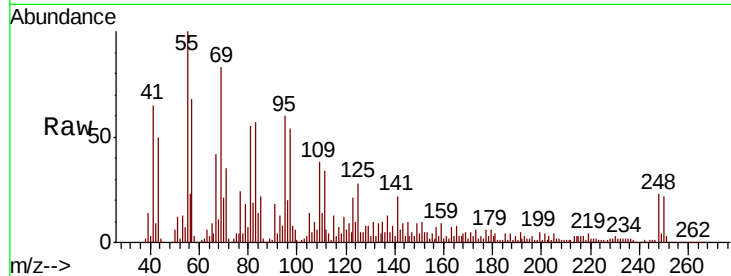




#67
4-Bromophenyl-phenylether
Concen: 65.926 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.03 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

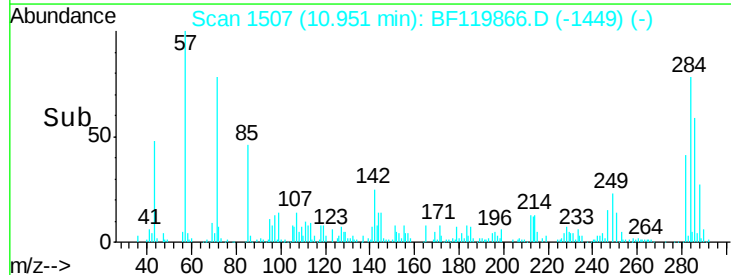
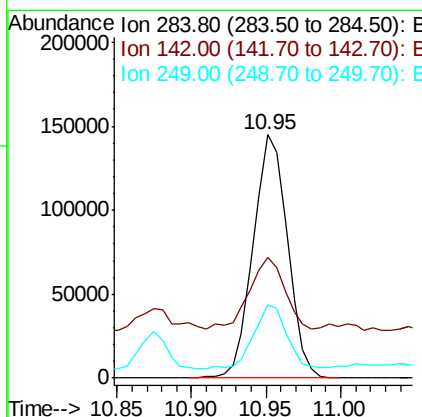
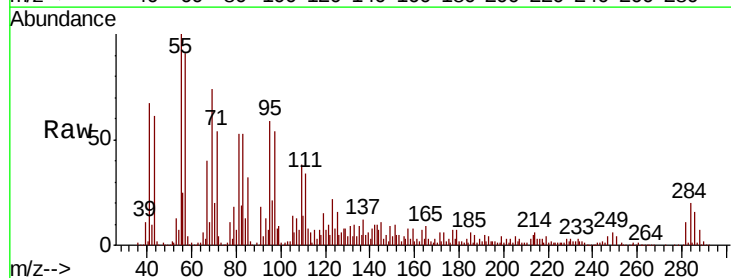
Instrument :
BNA_F
ClientSampleId :
72-11991MS

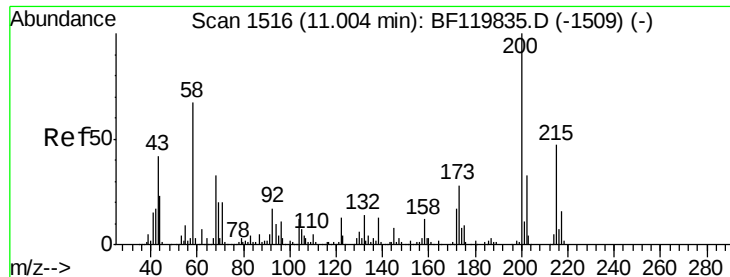
Tot Ion:248 Resp: 247576
Ion Ratio Lower Upper
248 100
250 96.4 76.6 114.8
141 95.5 55.9 83.9#



#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

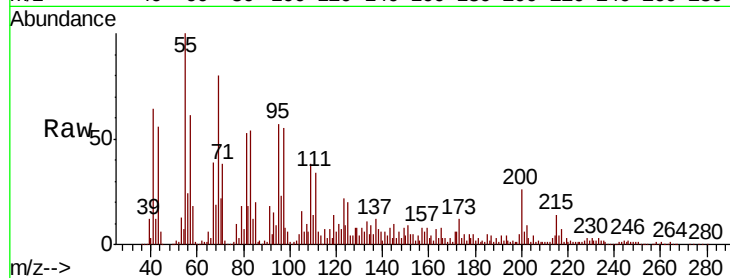
Tot Ion:200 Resp: 203327

Ion Ratio Lower Upper

200 100

173 45.6 8.0 48.0

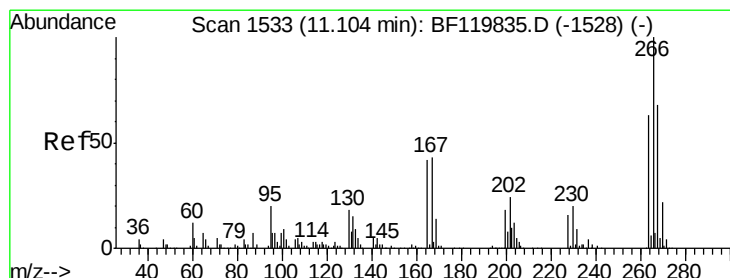
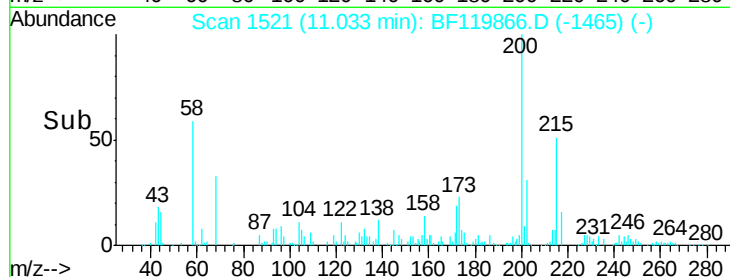
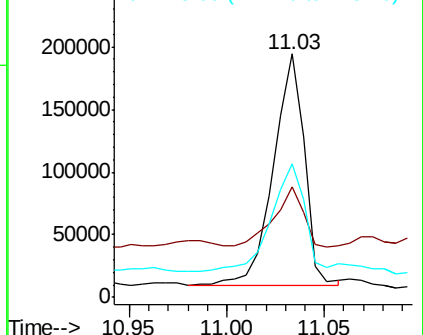
215 55.0 27.1 67.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#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

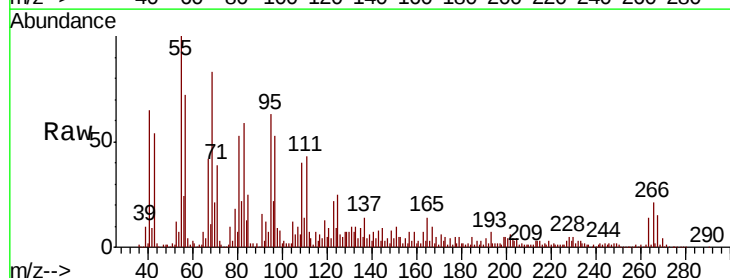
Tgt Ion:266 Resp: 227013

Ion Ratio Lower Upper

266 100

268 68.6 54.2 81.4

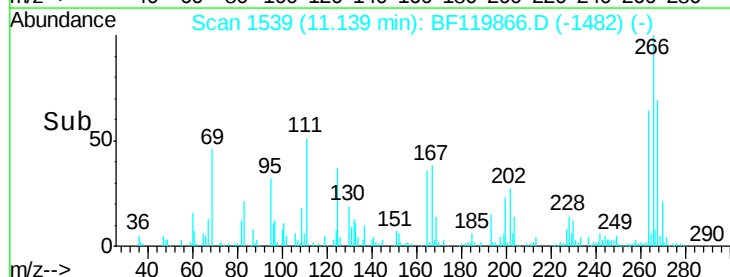
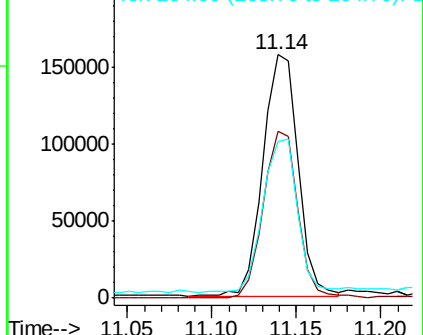
264 64.3 50.6 76.0

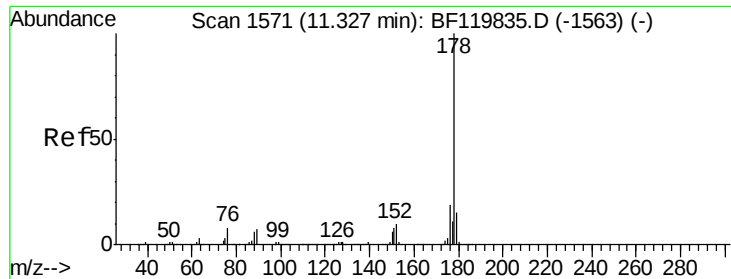


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

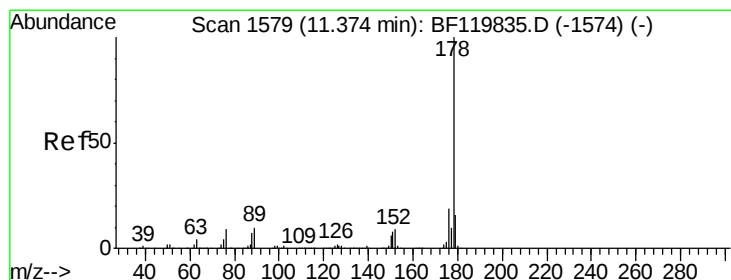
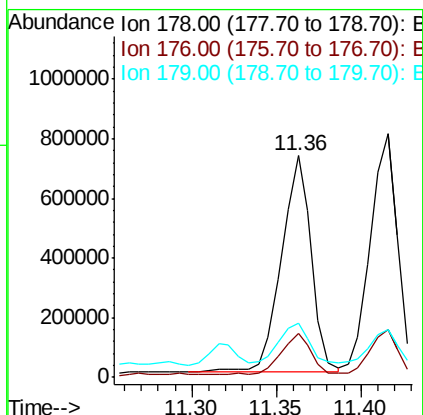
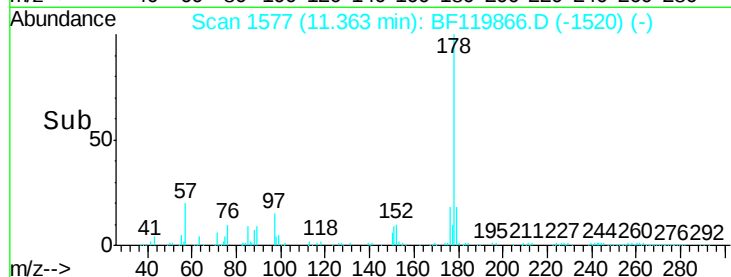
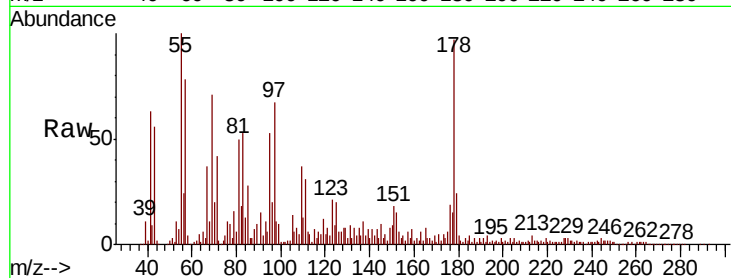




#71
Phenanthrene
Concen: 55.554 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.04 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

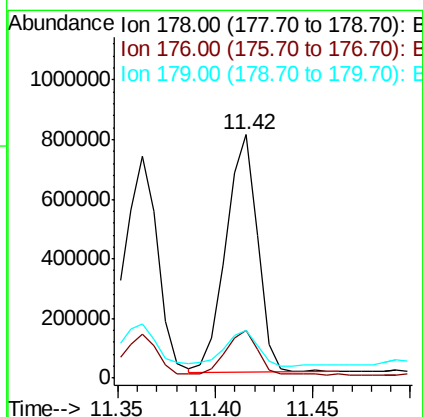
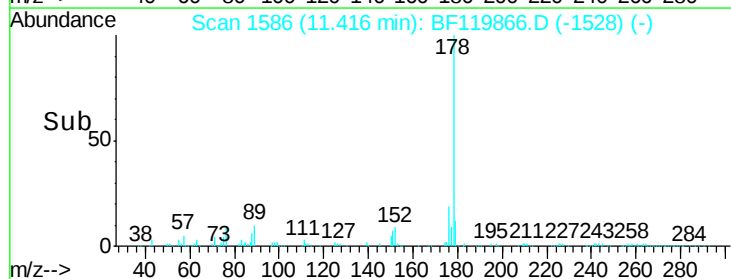
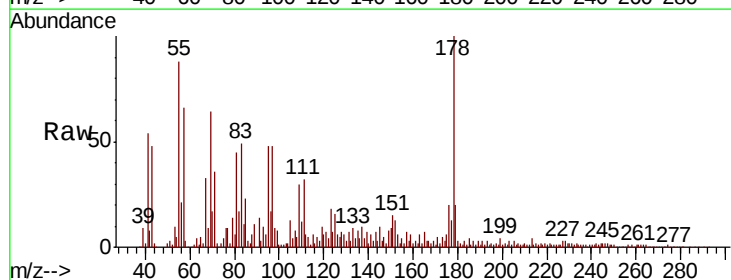
Instrument :
BNA_F
ClientSampleId :
72-11991MS

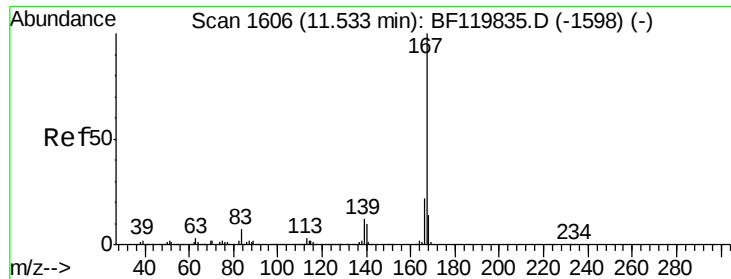
Tot Ion:178 Resp: 892834
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 24.5 12.2 18.4#



#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#

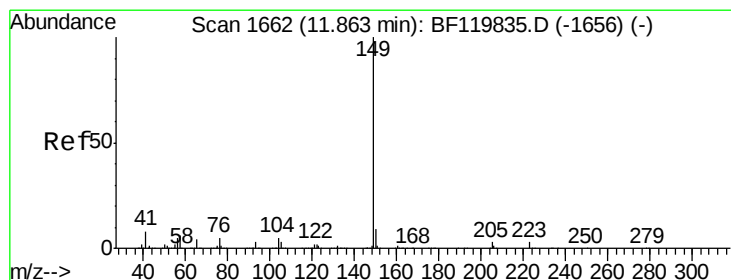
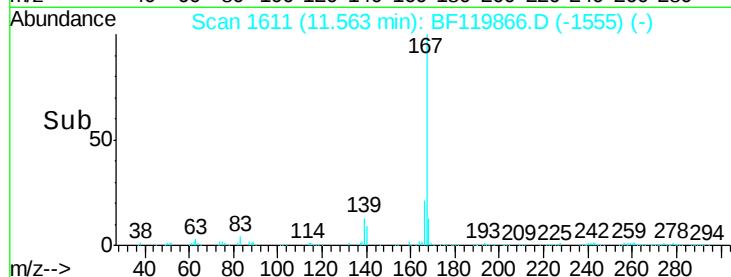
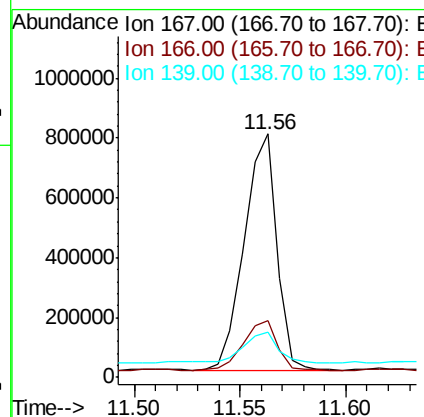
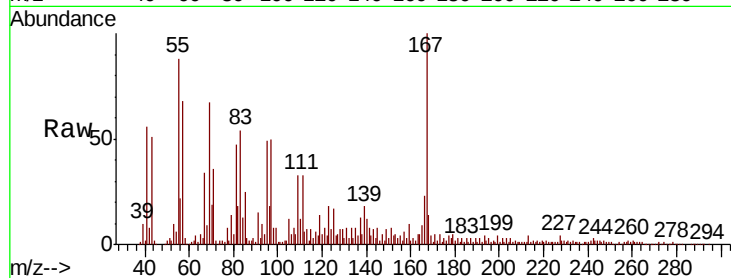




#73
 Carbazole
 Concen: 54.152 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.03 min
 Lab File: BF119866.D
 Acq: 9 Apr 2020 10:48

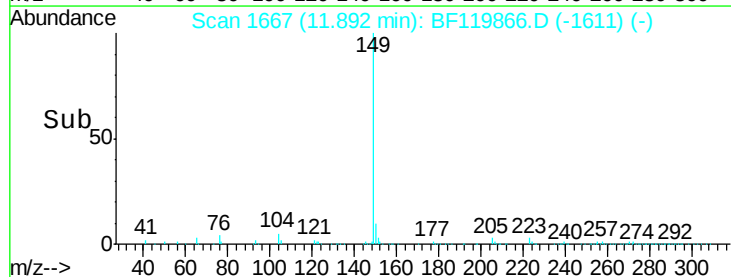
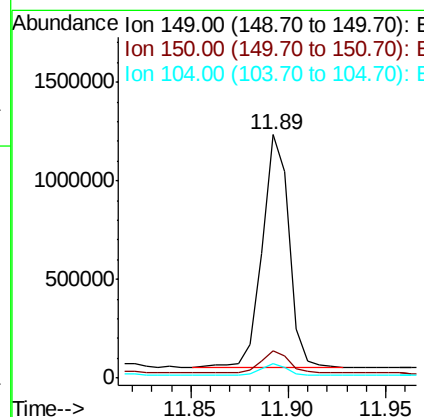
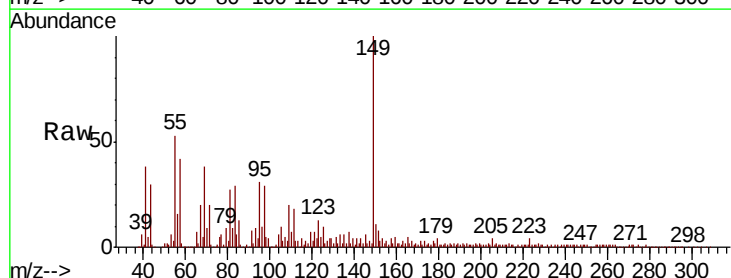
Instrument :
 BNA_F
 ClientSampleId :
 72-11991MS

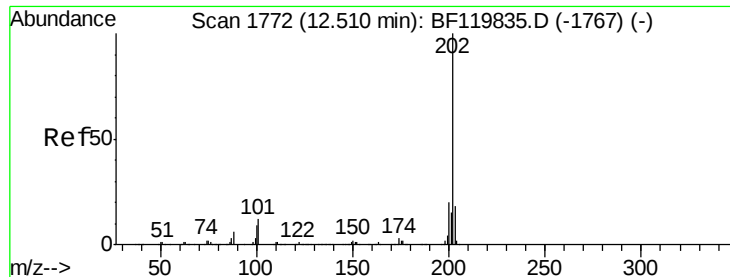
Tot Ion:167 Resp: 840760
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.4 26.0
 139 18.5 9.8 14.8#



#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#





#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

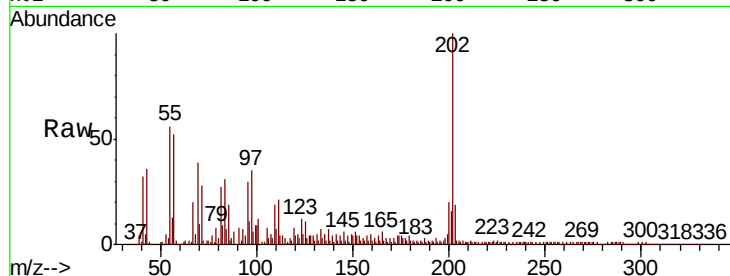
Tot Ion:202 Resp: 941884

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.3

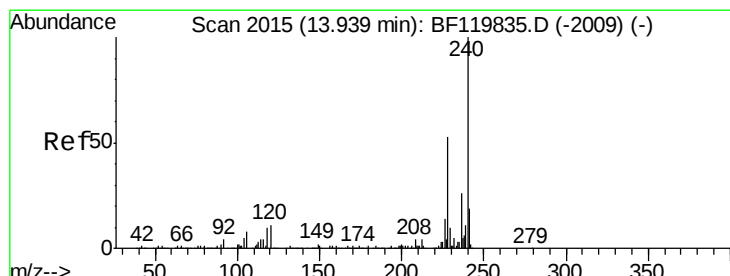
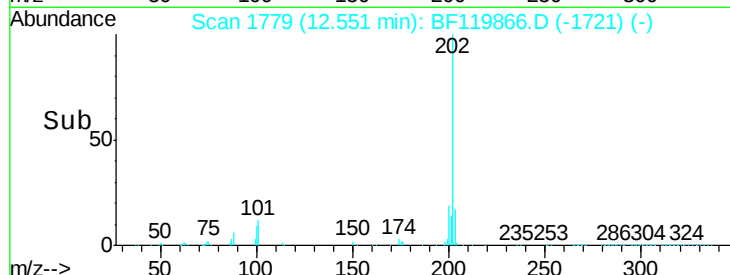
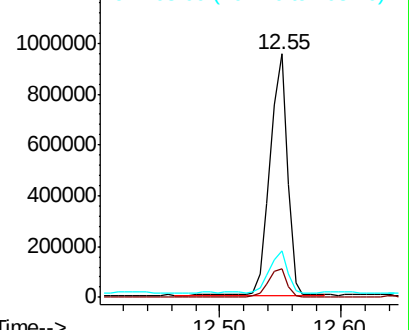
203 19.2 0.0 37.6



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

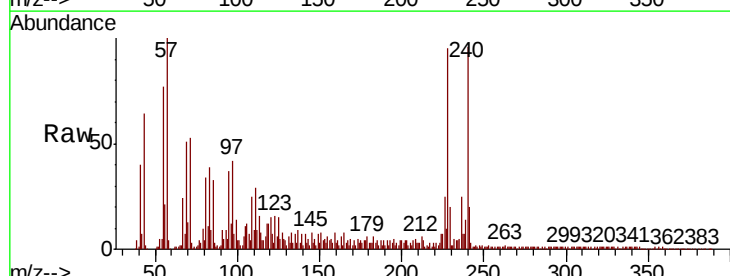
Tgt Ion:240 Resp: 258413

Ion Ratio Lower Upper

240 100

120 15.8 9.0 13.6#

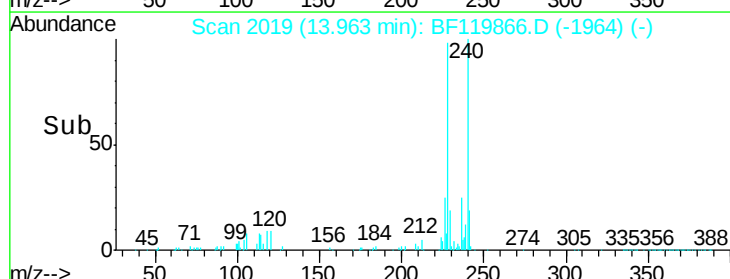
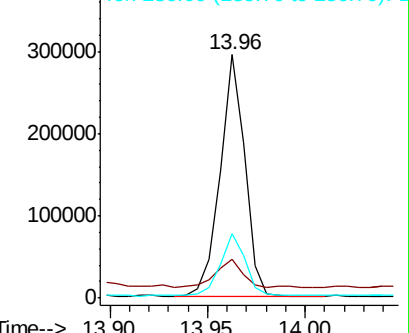
236 26.5 20.7 31.1

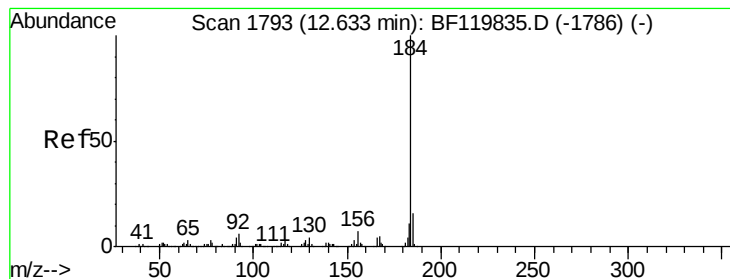


Abundance Ion 240.00 (239.70 to 240.70): E

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

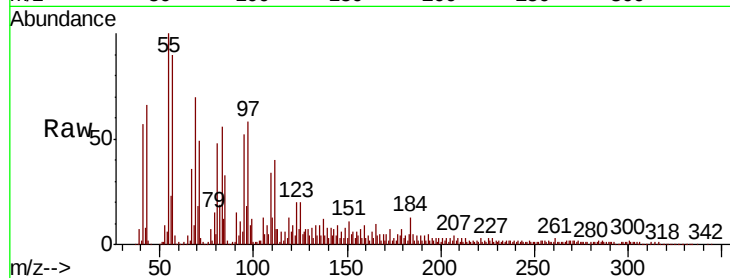
Tot Ion:184 Resp: 106460

Ion Ratio Lower Upper

184 100

185 41.1 13.2 19.8#

183 38.4 9.1 13.7#

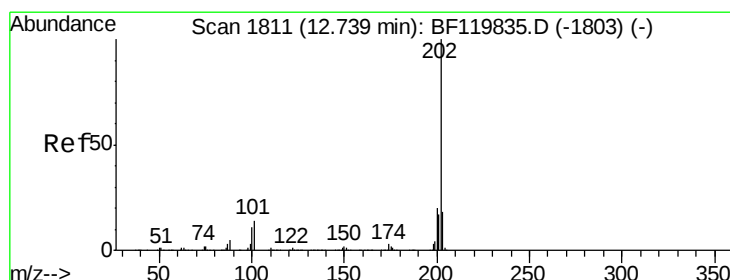
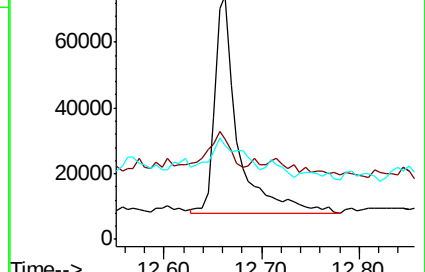
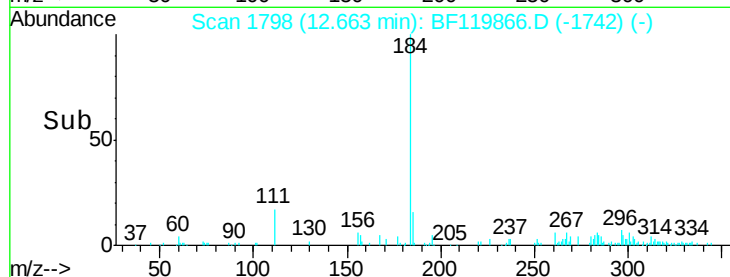


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66



#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

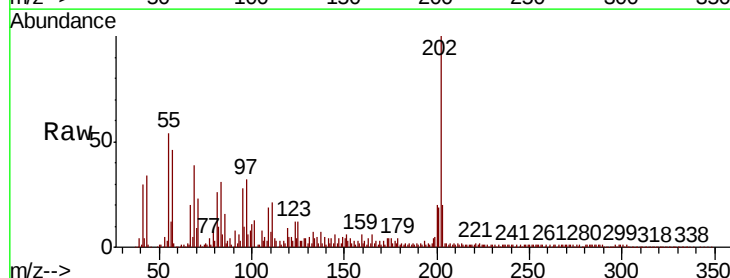
Tgt Ion:202 Resp: 948540

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 19.5 14.1 21.1

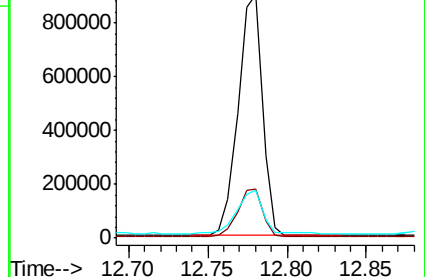
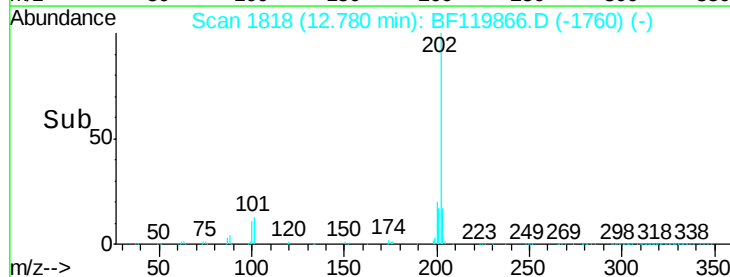


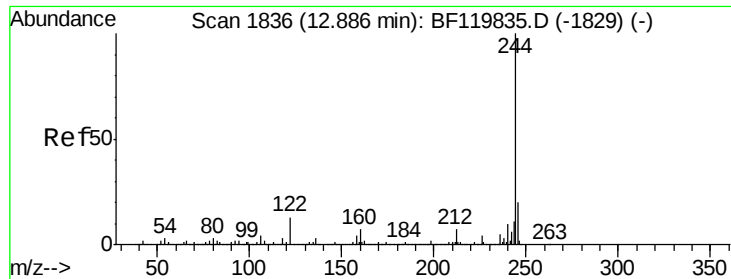
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.78





#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

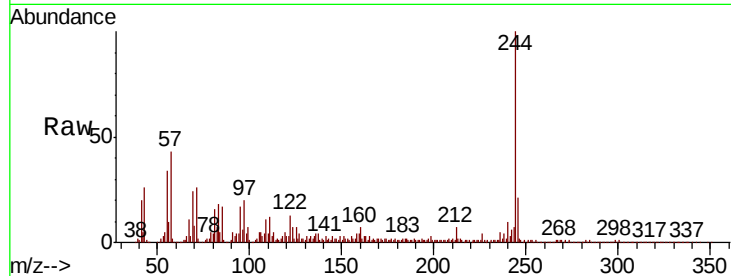
Tot Ion:244 Resp: 1401084

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

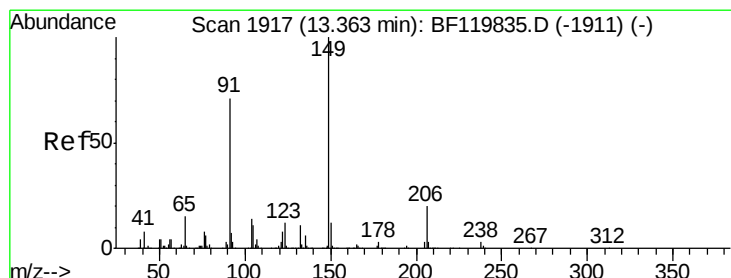
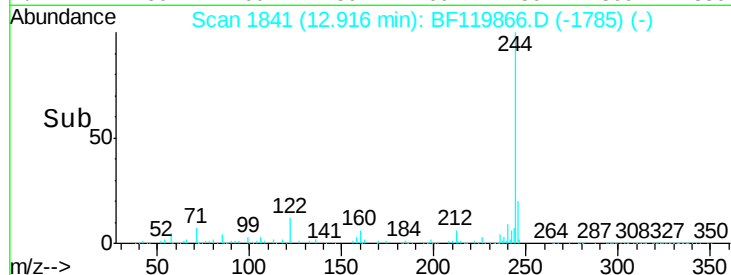
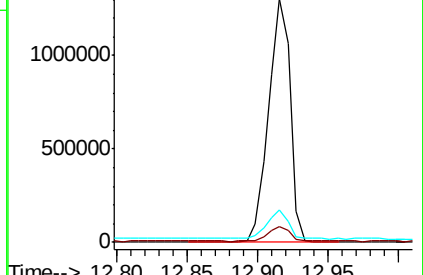
122 13.5 10.3 15.5



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

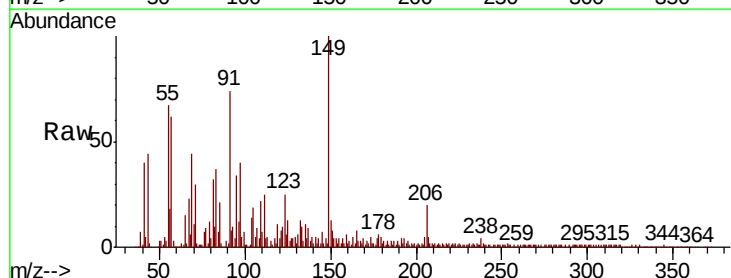
Tgt Ion:149 Resp: 479860

Ion Ratio Lower Upper

149 100

91 73.6 56.7 85.1

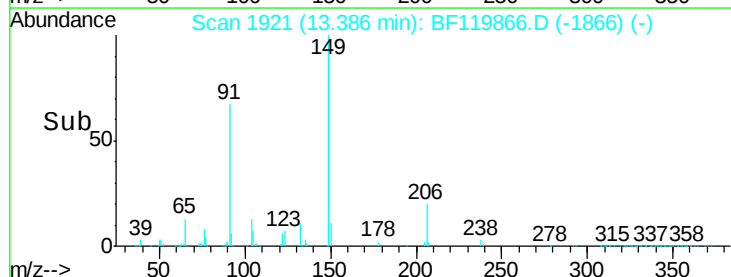
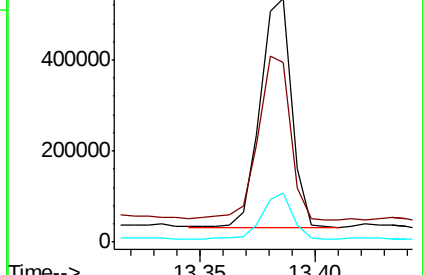
206 20.2 15.7 23.5

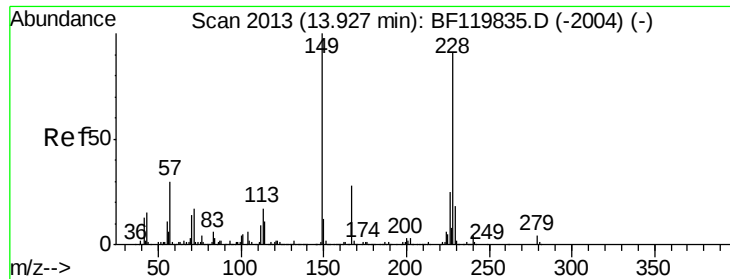


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

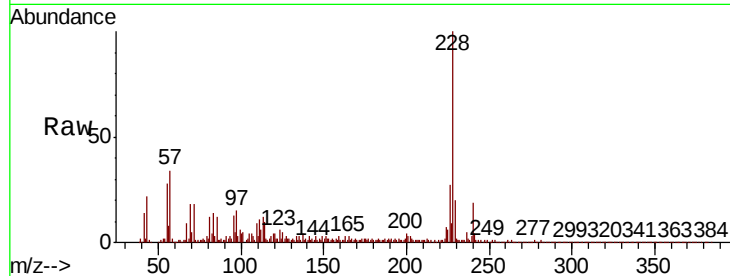




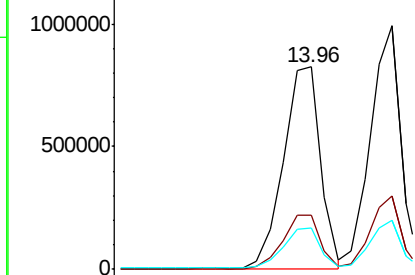
#81
Benzo(a)anthracene
Concen: 53.516 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.03 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
72-11991MS

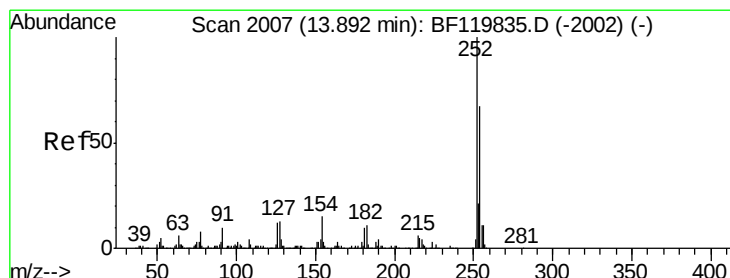
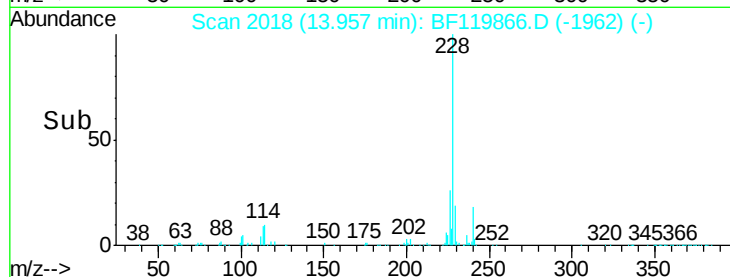
Tot Ion:228 Resp: 909773
Ion Ratio Lower Upper
228 100
226 26.6 21.9 32.9
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

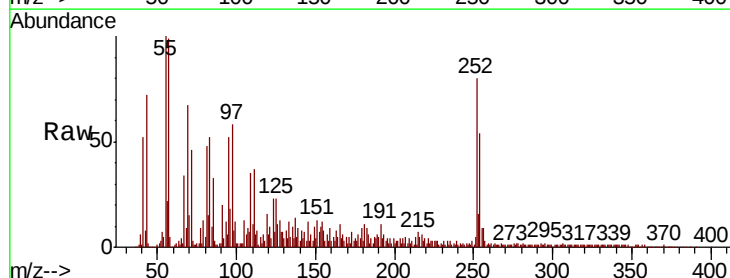


Time-->

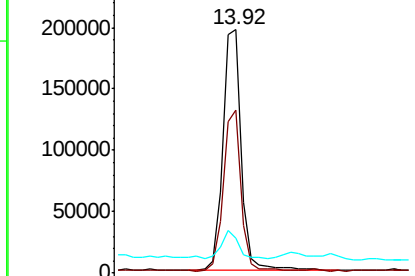


#82
3,3'-Dichlorobenzidine
Concen: 30.269 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

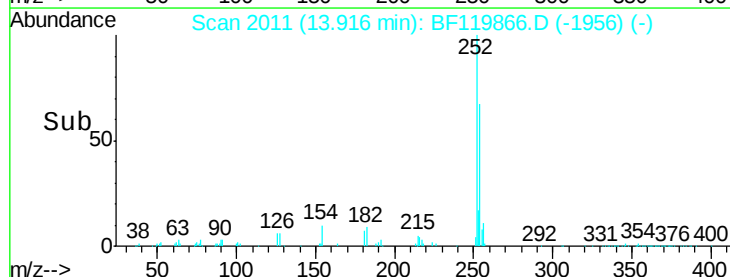
Tgt Ion:252 Resp: 192001
Ion Ratio Lower Upper
252 100
254 67.2 53.9 80.9
126 14.3 9.7 14.5

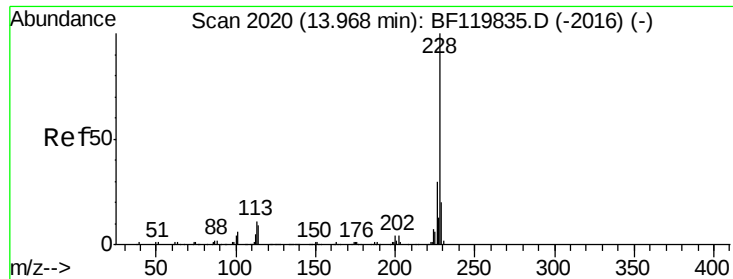


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#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

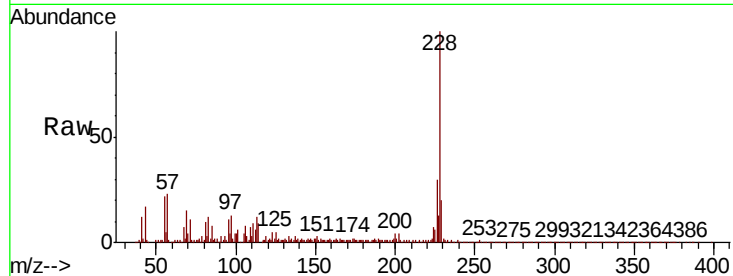
Tot Ion:228 Resp: 896227

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

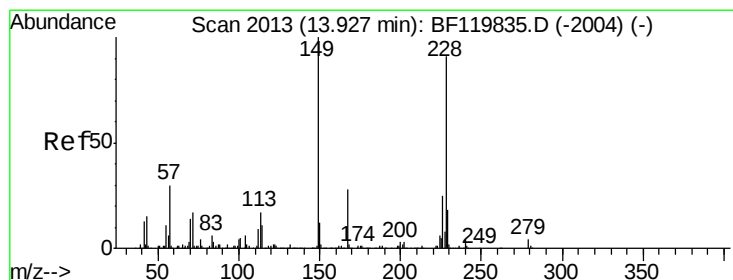
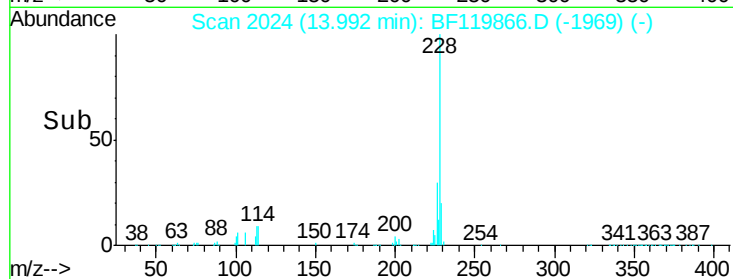
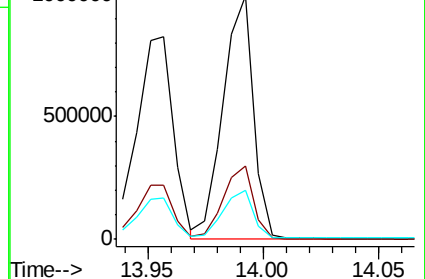
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

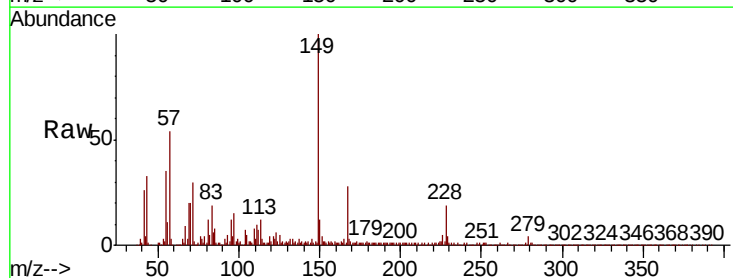
Tgt Ion:149 Resp: 727012

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

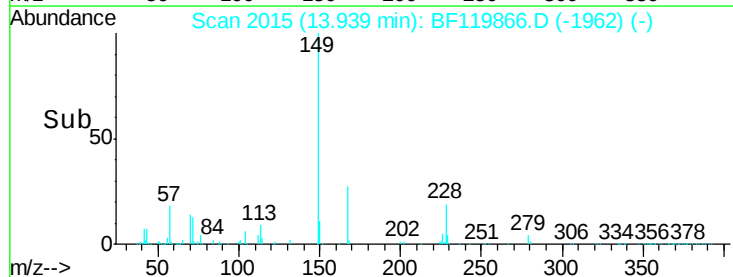
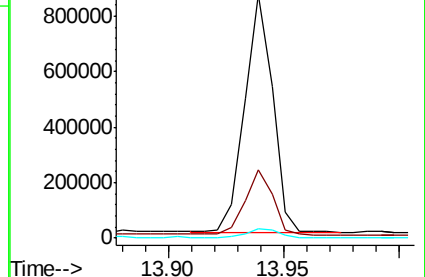
279 4.1 3.4 5.0

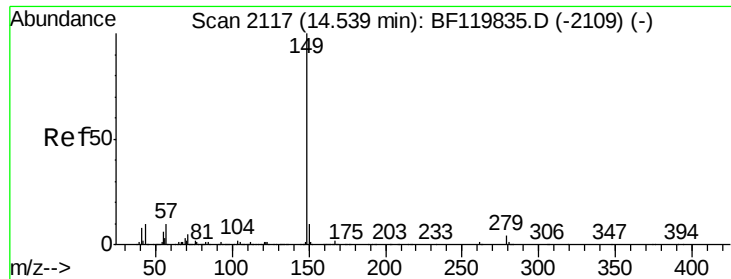


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

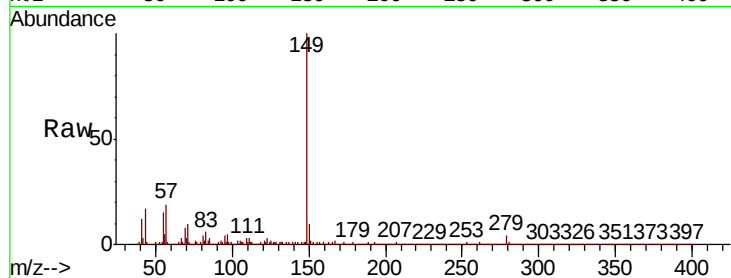




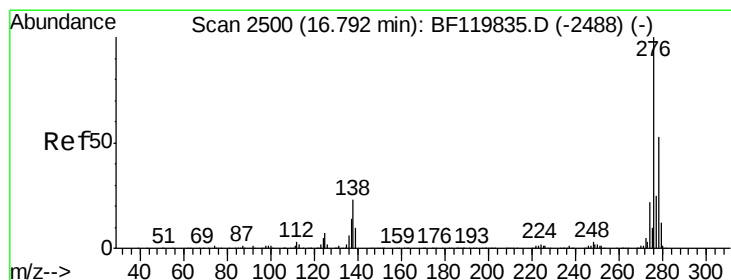
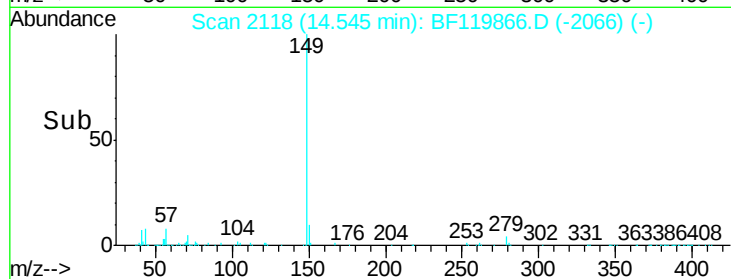
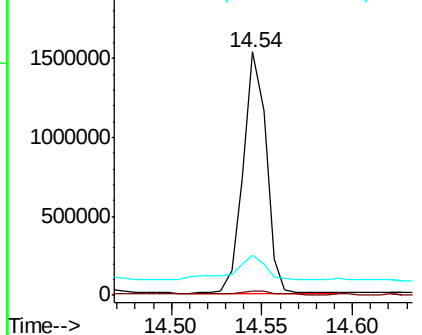
#85
Di-n-octyl phthalate
Concen: 55.180 ng
RT: 14.54 min Scan# 2118
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

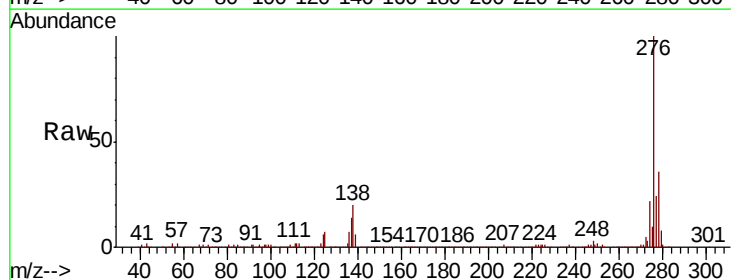


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

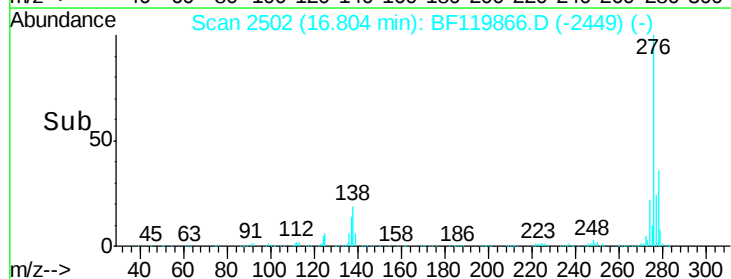
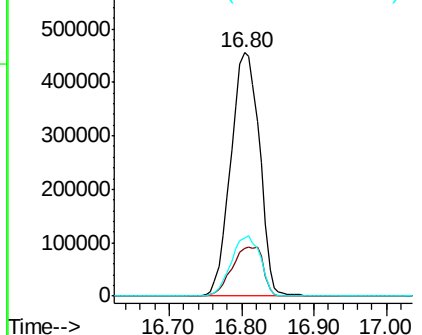


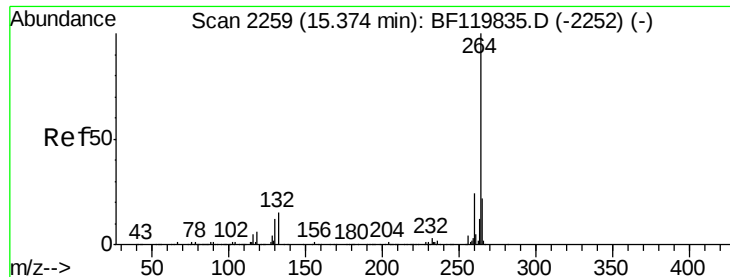
#86
Indeno(1,2,3-cd)pyrene
Concen: 82.671 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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



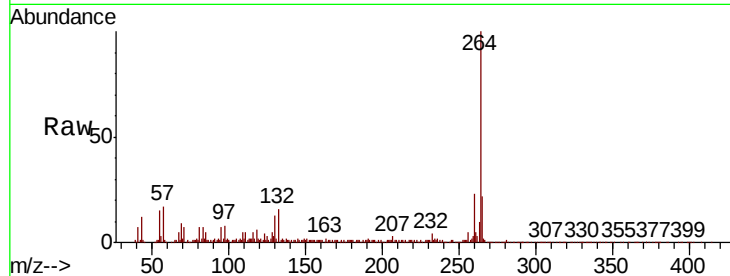


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

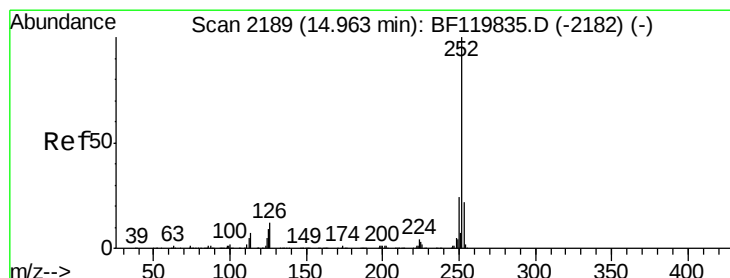
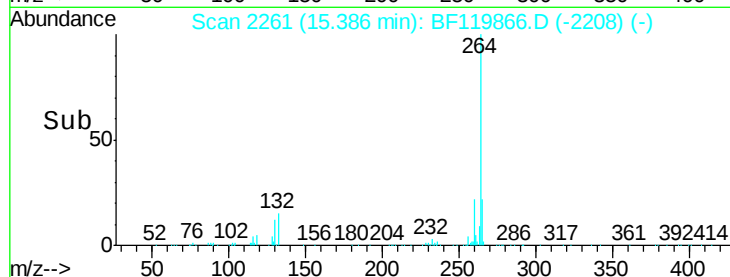
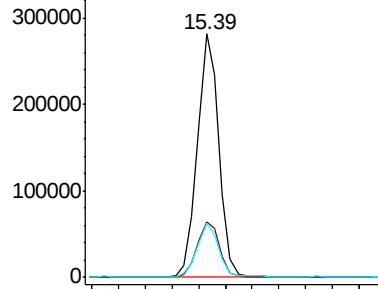
Instrument :
BNA_F
ClientSampleId :
72-11991MS

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



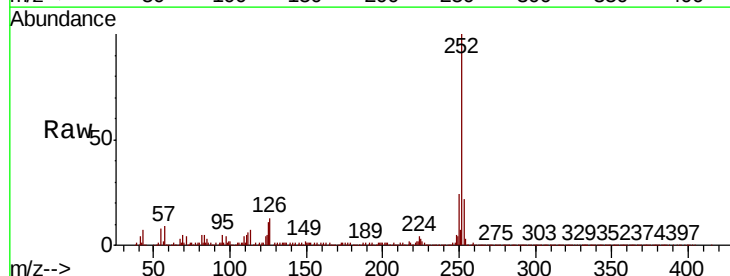
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



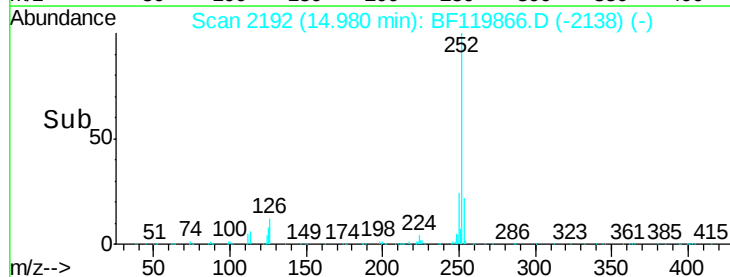
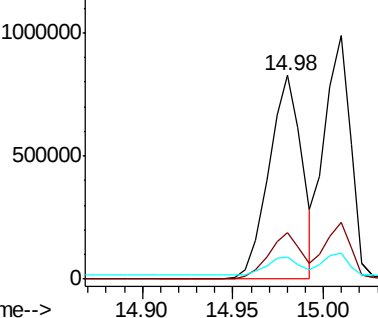
#88
Benzo(b)fluoranthene
Concen: 46.037 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

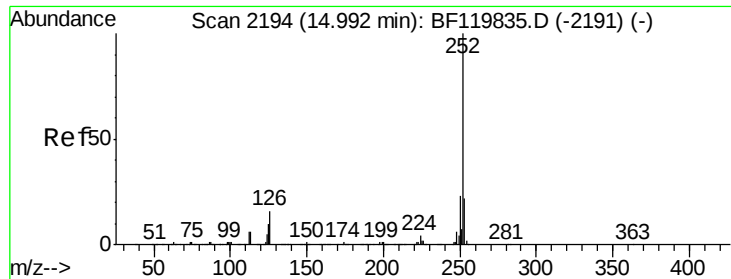
Tgt Ion:252 Resp: 1053472

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

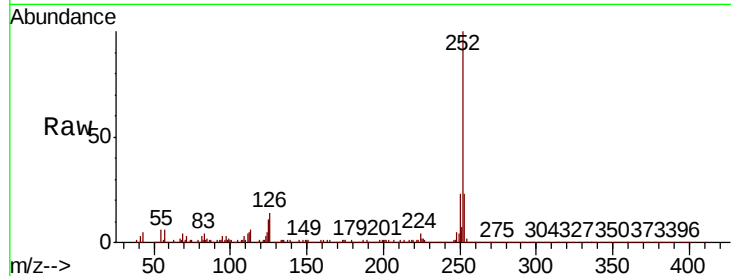
Tot Ion:252 Resp: 996447

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

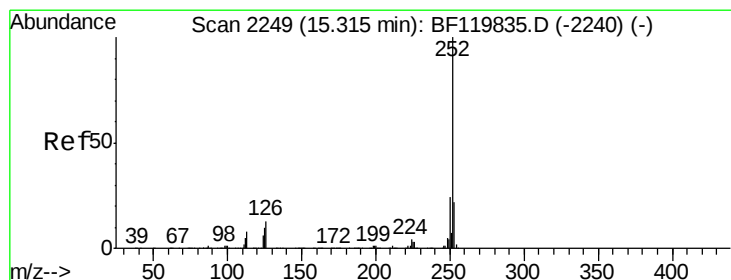
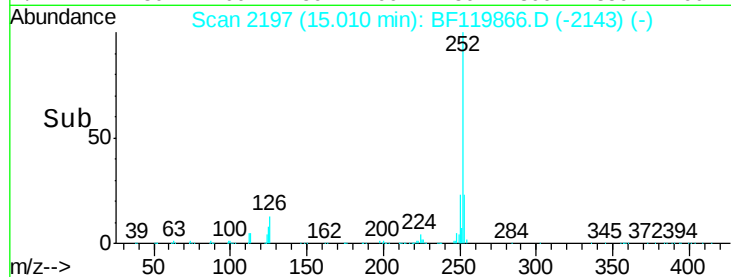
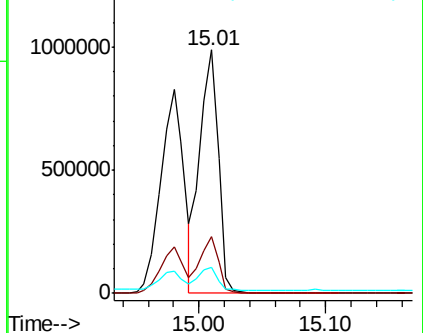
125 10.5 7.7 11.5



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



#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

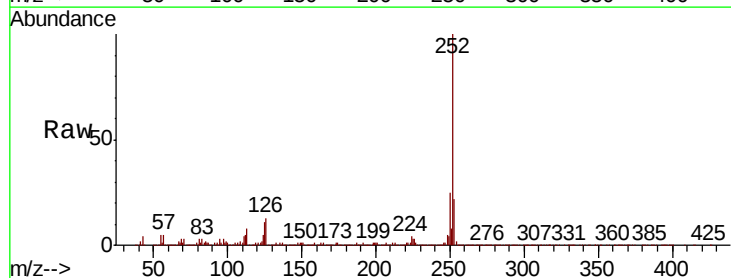
Tgt Ion:252 Resp: 1013726

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

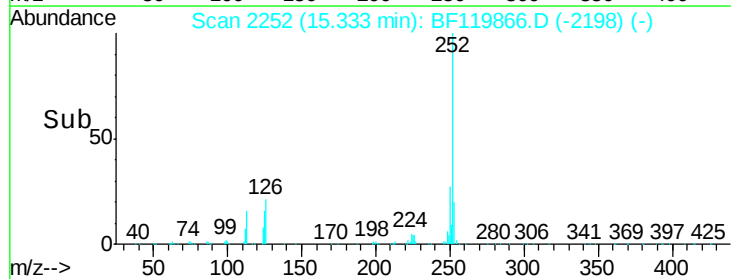
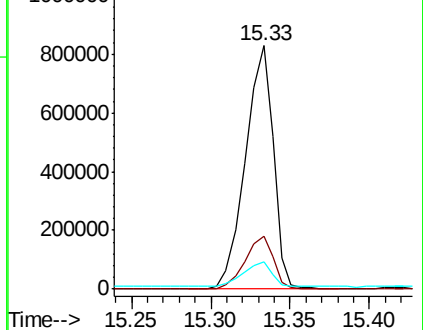
125 11.4 8.3 12.5

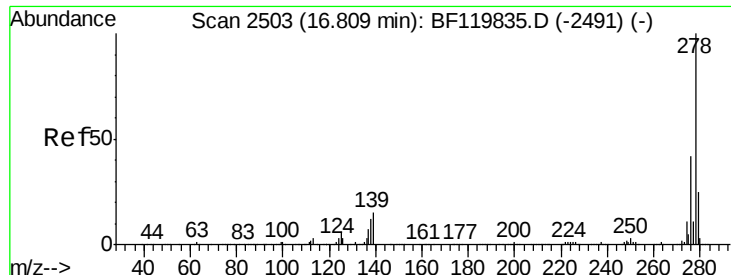


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

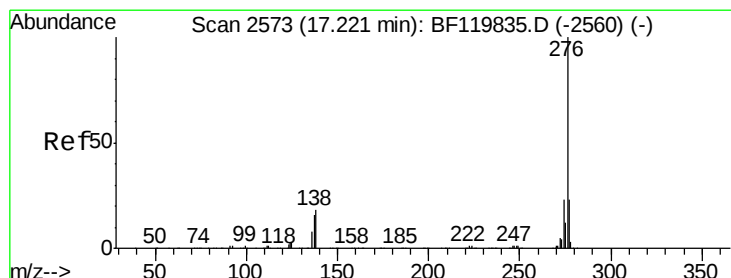
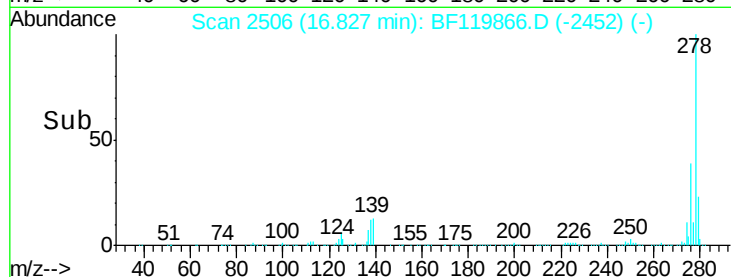
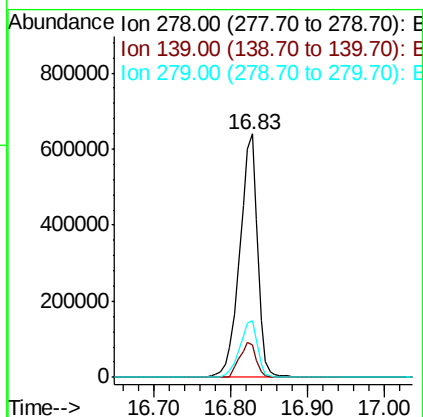
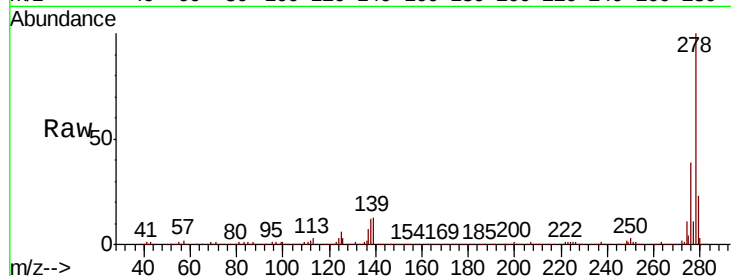




#91
Dibenzo(a,h)anthracene
Concen: 60.996 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.02 min
Lab File: BF119866.D
Acq: 9 Apr 2020 10:48

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

