

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119840.D
 Acq On : 8 Apr 2020 22:56
 Operator : MA/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 08 23:26:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 23:08:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	192298	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	681373	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	364468	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	698592	20.00	ng	0.00
76) Chrysene-d12	13.94	240	462794	20.00	ng	0.00
87) Perylene-d12	15.37	264	441483	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	830076	74.60	ng	0.00
7) Phenol-d6	6.40	99	1135721	79.21	ng	0.00
23) Nitrobenzene-d5	7.34	82	1028098	78.06	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	336622	75.44	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1896167	73.87	ng	0.00
79) Terphenyl-d14	12.89	244	2242621	81.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	190668	38.472	ng	99
3) Pyridine	3.16	79	444282	32.673	ng	97
4) n-Nitrosodimethylamine	3.12	42	274192	39.466	ng	99
6) Aniline	6.43	93	775317	41.199	ng	99
8) 2-Chlorophenol	6.56	128	511544	41.145	ng	100
9) Benzaldehyde	6.32	77	342167	48.946	ng	100
10) Phenol	6.42	94	666201	40.956	ng	99
11) bis(2-Chloroethyl)ether	6.51	93	503497	40.089	ng	99
12) 1,3-Dichlorobenzene	6.71	146	533234	39.176	ng	99
13) 1,4-Dichlorobenzene	6.79	146	540161	38.958	ng	99
14) 1,2-Dichlorobenzene	6.94	146	512524	40.110	ng	98
15) Benzyl Alcohol	6.92	79	454260	40.791	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	950815	38.904	ng	99
17) 2-Methylphenol	7.03	107	410910	37.035	ng	99
18) Hexachloroethane	7.29	117	206996	39.947	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	368237	39.939	ng	99
20) 3+4-Methylphenols	7.18	107	509617	37.556	ng	97
22) Acetophenone	7.19	105	735274	46.083	ng	98
24) Nitrobenzene	7.36	77	549547	41.477	ng	99
25) Isophorone	7.60	82	983435	38.734	ng	99
26) 2-Nitrophenol	7.67	139	265153	40.057	ng	92
27) 2,4-Dimethylphenol	7.71	122	408241	40.893	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	598266	40.044	ng	100
29) 2,4-Dichlorophenol	7.92	162	404172	39.497	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	439945	37.943	ng	99
31) Naphthalene	8.08	128	1397637	38.987	ng	99
32) Benzoic acid	7.85	122	303289	34.591	ng	98
33) 4-Chloroaniline	8.13	127	579886	37.157	ng	99
34) Hexachlorobutadiene	8.20	225	259643	37.408	ng	99
35) Caprolactam	8.51	113	125598	40.124	ng	# 86
36) 4-Chloro-3-methylphenol	8.61	107	435998	39.354	ng	99
37) 2-Methylnaphthalene	8.77	142	961000	39.540	ng	99
38) 1-Methylnaphthalene	8.87	142	879423	38.389	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	460817	40.031	ng	100

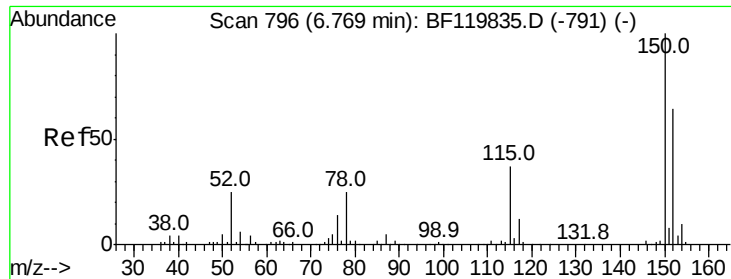
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119840.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	264187	40.359	nq	96
43) 2,4,6-Trichlorophenol	9.05	196	306134	38.511	nq	98
44) 2,4,5-Trichlorophenol	9.09	196	316194	35.317	nq	98
46) 1,1'-Biphenyl	9.24	154	1219046	39.627	nq	99
47) 2-Chloronaphthalene	9.26	162	894395	37.741	nq	98
48) 2-Nitroaniline	9.36	65	318476	37.084	nq	99
49) Acenaphthylene	9.67	152	1431646	39.723	nq	100
50) Dimethylphthalate	9.55	163	1060937	37.634	nq	99
51) 2,6-Dinitrotoluene	9.60	165	236286	38.275	nq #	83
52) Acenaphthene	9.85	154	908161	39.383	nq	99
53) 3-Nitroaniline	9.77	138	260970	37.014	nq	97
54) 2,4-Dinitrophenol	9.87	184	140965	38.140	nq	94
55) Dibenzofuran	10.02	168	1332701	40.396	nq	99
56) 4-Nitrophenol	9.93	139	213640	40.724	nq	98
57) 2,4-Dinitrotoluene	10.00	165	329403	40.500	nq	98
58) Fluorene	10.36	166	1062866	40.284	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	293317	42.836	nq	98
60) Diethylphthalate	10.24	149	1197349	40.980	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	507351	37.518	nq	99
62) 4-Nitroaniline	10.39	138	291160	43.332	nq	99
63) Azobenzene	10.52	77	1101523	42.067	nq	100
65) 4,6-Dinitro-2-methylphenol	10.42	198	191802	41.674	nq	93
66) n-Nitrosodiphenylamine	10.47	169	964738	41.524	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	316602	36.443	nq	98
68) Hexachlorobenzene	10.91	284	336150	38.141	nq	97
69) Atrazine	11.00	200	270488	41.844	nq	97
70) Pentachlorophenol	11.10	266	199362	39.253	nq	98
71) Phenanthrene	11.33	178	1494971	40.209	nq	99
72) Anthracene	11.38	178	1552834	40.884	nq	100
73) Carbazole	11.53	167	1452998	40.453	nq	100
74) Di-n-butylphthalate	11.87	149	1803926	38.205	nq	99
75) Fluoranthene	12.52	202	1668934	41.602	nq	97
77) Benzidine	12.63	184	611716	39.103	nq	99
78) Pyrene	12.74	202	1679735	43.054	nq	99
80) Butylbenzylphthalate	13.36	149	772787	40.821	nq	100
81) Benzo(a)anthracene	13.93	228	1217090	39.976	nq	100
82) 3,3'-Dichlorobenzidine	13.90	252	464540	40.893	nq	98
83) Chrysene	13.97	228	1224893	39.595	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	1030038	40.178	nq	99
85) Di-n-octyl phthalate	14.54	149	1793580	41.089	nq	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1080765	39.633	nq	99
88) Benzo(b)fluoranthene	14.96	252	1225592	38.590	nq	99
89) Benzo(k)fluoranthene	15.00	252	1081835	39.480	nq	98
90) Benzo(a)pyrene	15.32	252	1153344	43.191	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	893627	37.780	nq	99
92) Benzo(g,h,i)perylene	17.23	276	869224	37.229	nq	100

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

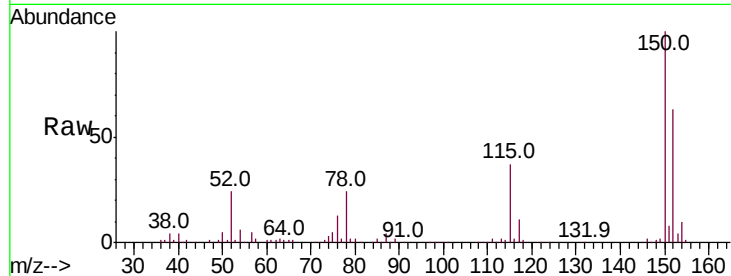


#1

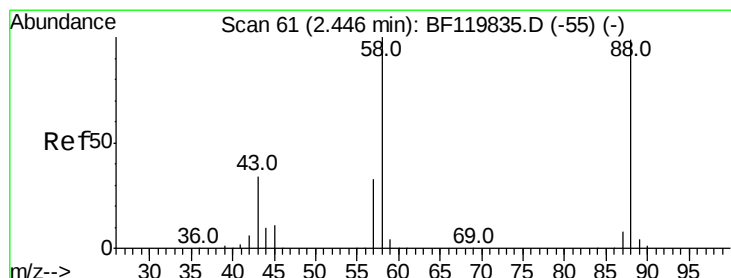
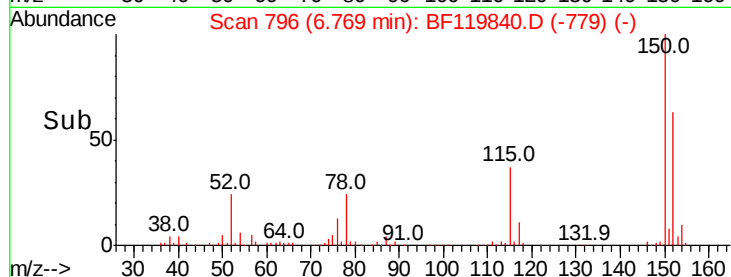
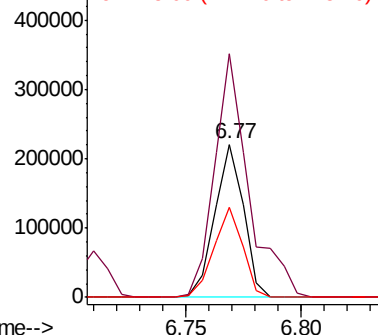
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.8	187.2
115	58.9	46.5	69.7



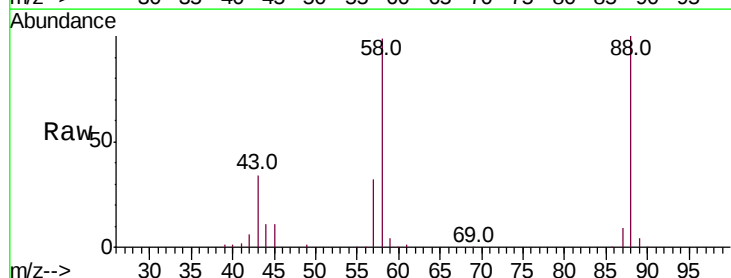
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



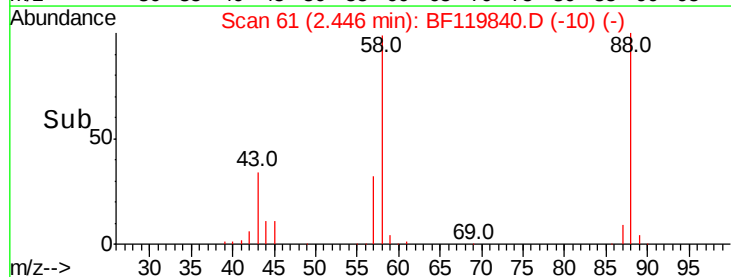
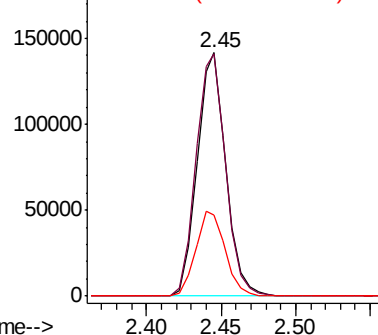
#2

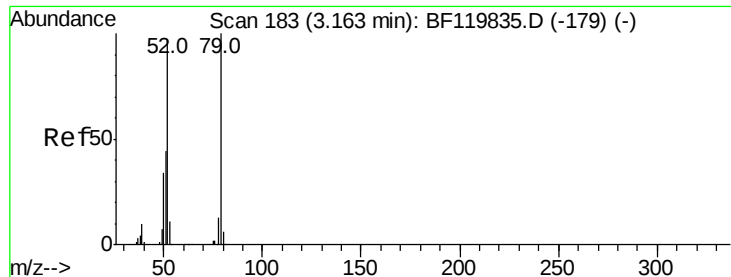
1,4-Dioxane
Concen: 38.472 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	82.6	123.8
43	35.8	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: 32.673 ng

RT: 3.16 min Scan# 183

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampled :

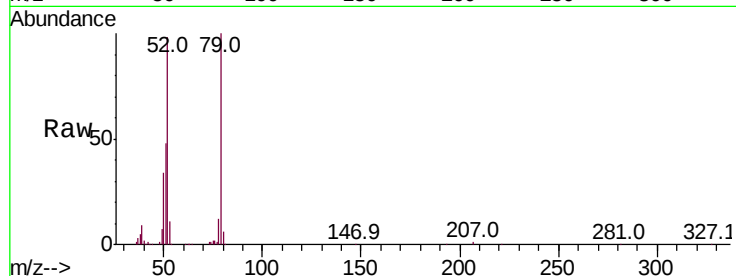
Tot Ion: 79 Resp: 444282

Ion Ratio Lower Upper

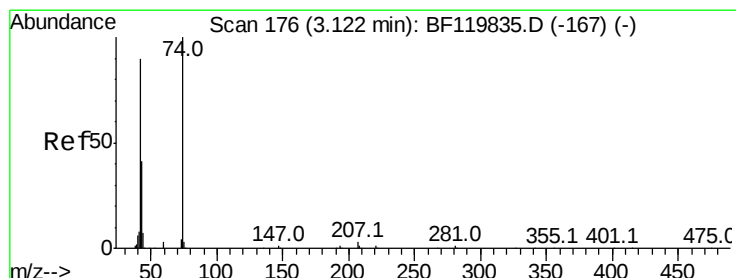
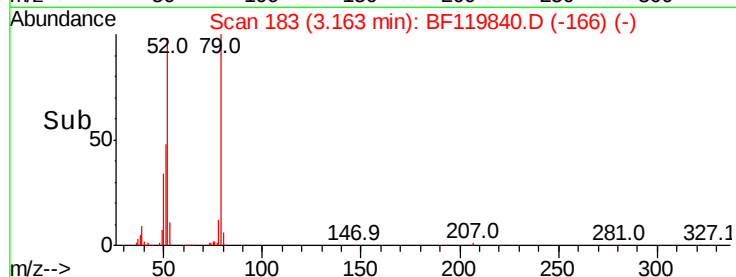
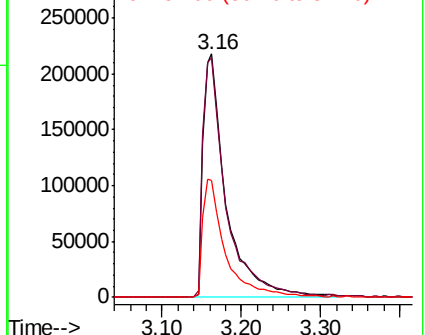
79 100

52 98.3 77.4 116.0

51 47.8 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 39.466 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

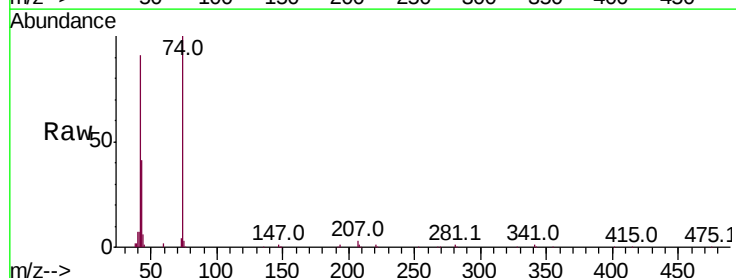
Tgt Ion: 42 Resp: 274192

Ion Ratio Lower Upper

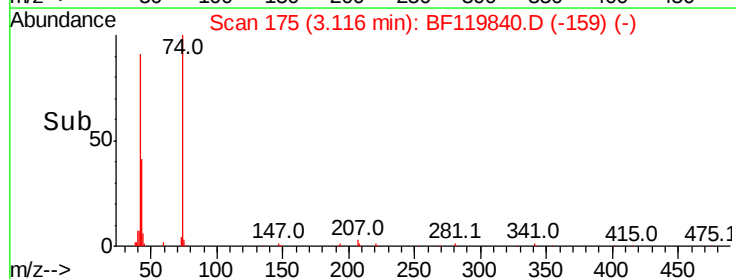
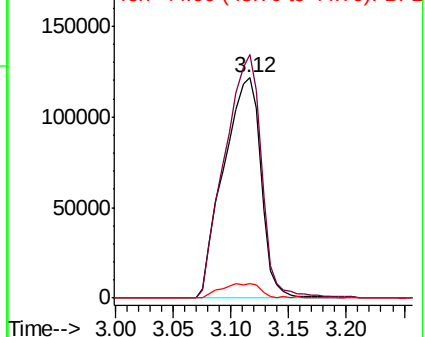
42 100

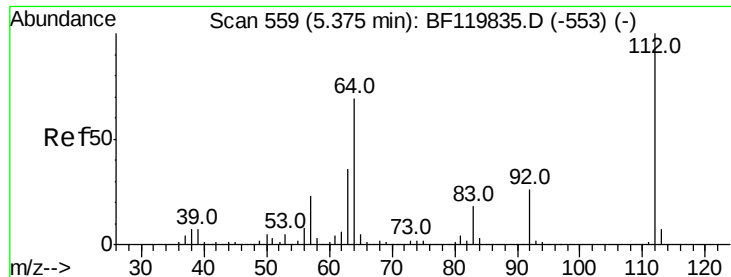
74 110.5 89.0 133.4

44 6.7 6.2 9.4



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





#5

2-Fluorophenol

Concen: 74.599 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

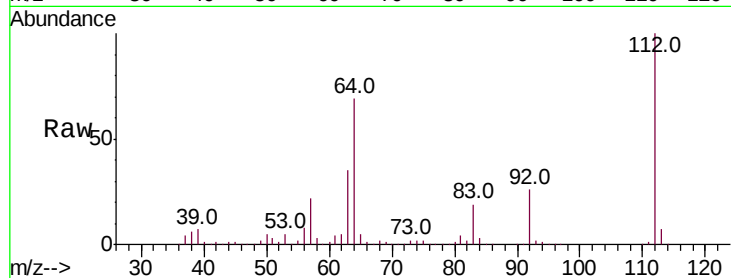
Tot Ion:112 Resp: 830076

Ion Ratio Lower Upper

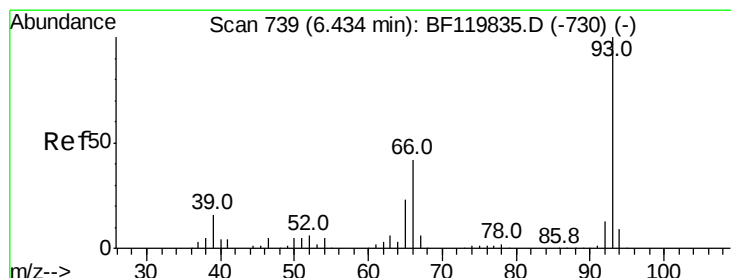
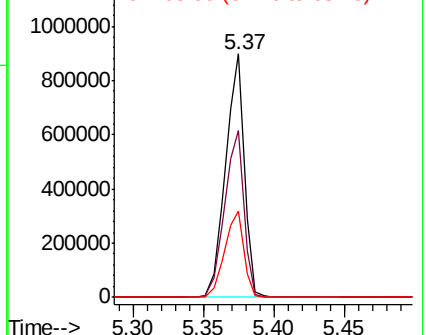
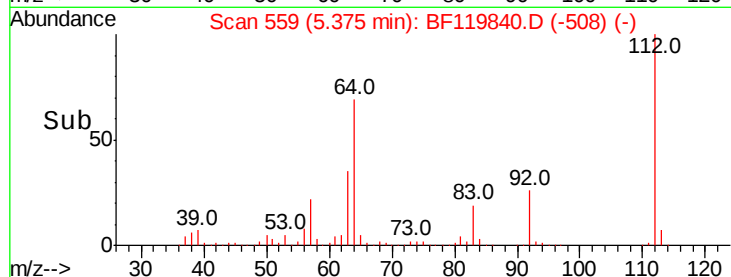
112 100

64 68.7 55.5 83.3

63 35.1 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.199 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

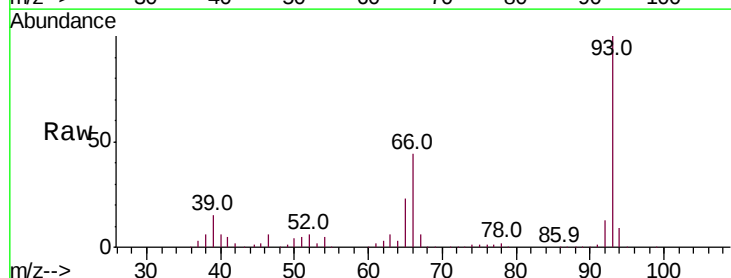
Tgt Ion: 93 Resp: 775317

Ion Ratio Lower Upper

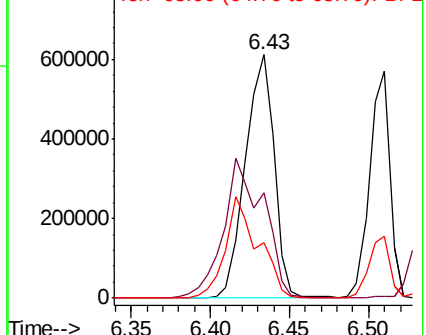
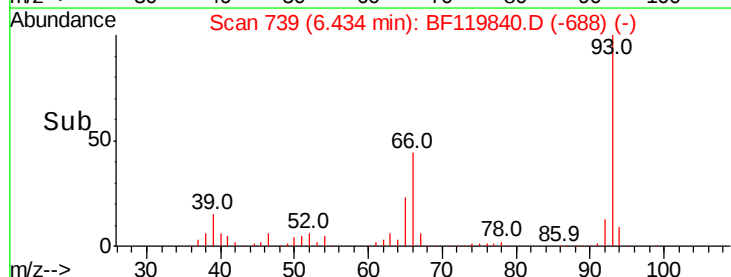
93 100

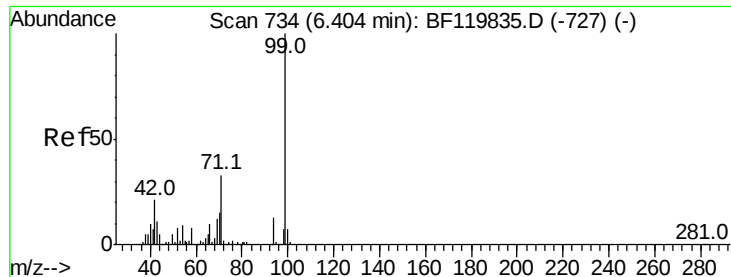
66 43.5 34.2 51.2

65 23.0 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: 79.211 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

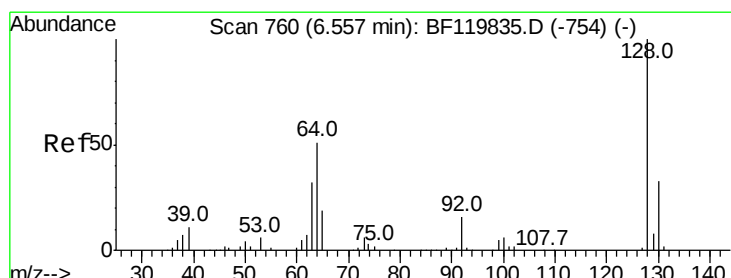
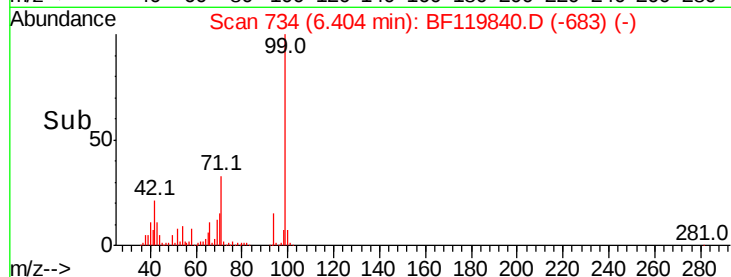
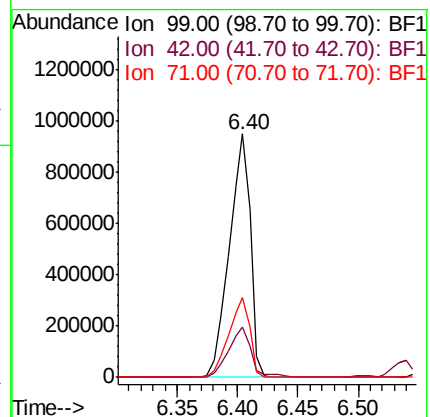
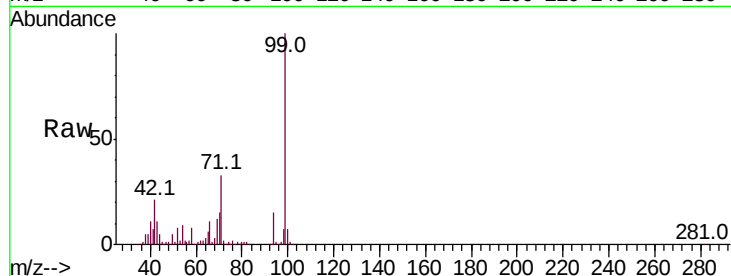
Tot Ion: 99 Resp: 1135721

Ion Ratio Lower Upper

99 100

42 20.9 16.9 25.3

71 32.7 26.3 39.5



#8

2-Chlorophenol

Concen: 41.145 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

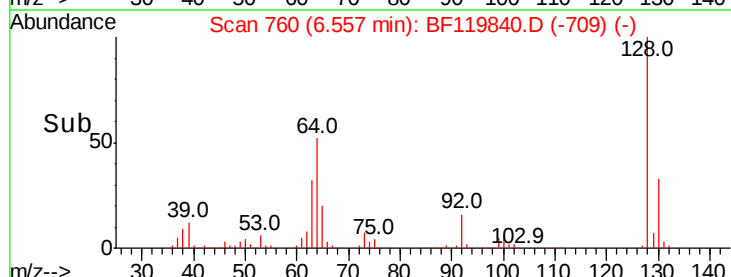
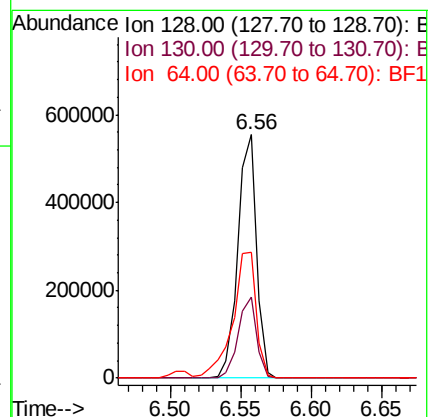
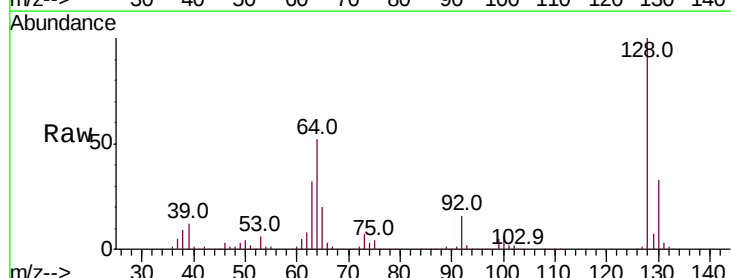
Tgt Ion: 128 Resp: 511544

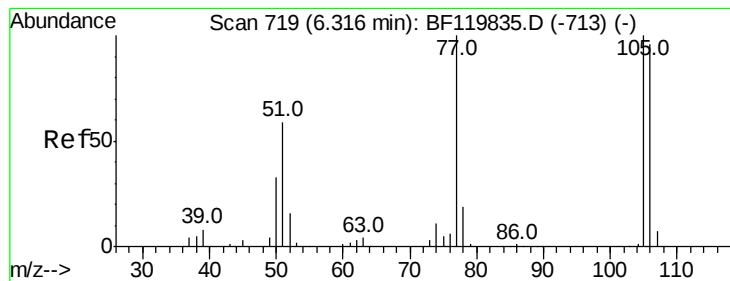
Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

64 51.9 32.0 72.0





#9

Benzaldehyde

Concen: 48.946 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampled :

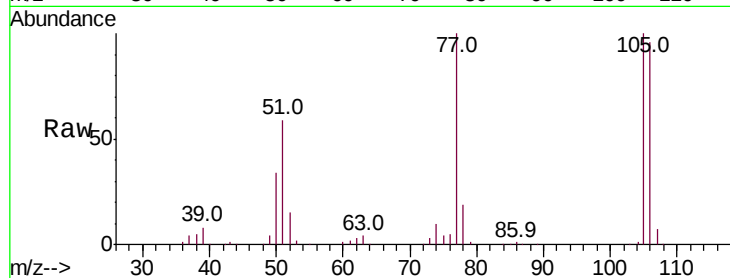
Tot Ion: 77 Resp: 342167

Ion Ratio Lower Upper

77 100

105 100.1 79.9 119.9

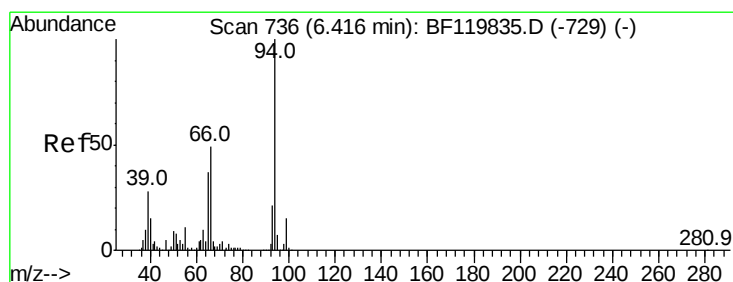
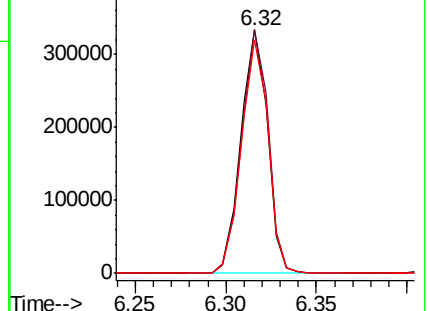
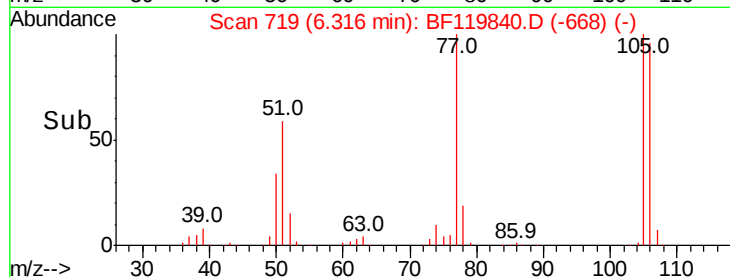
106 95.8 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.956 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

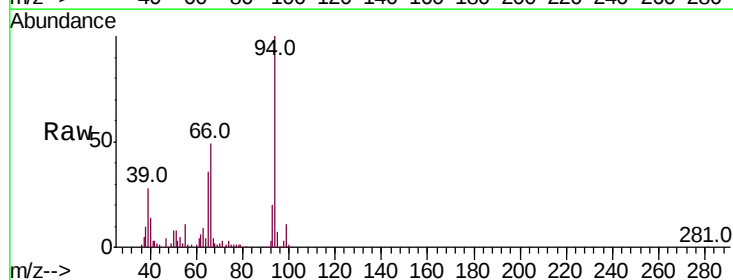
Tgt Ion: 94 Resp: 666201

Ion Ratio Lower Upper

94 100

65 35.6 16.6 56.6

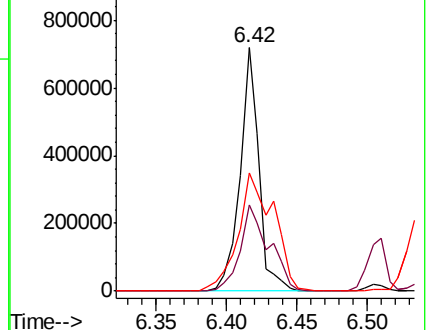
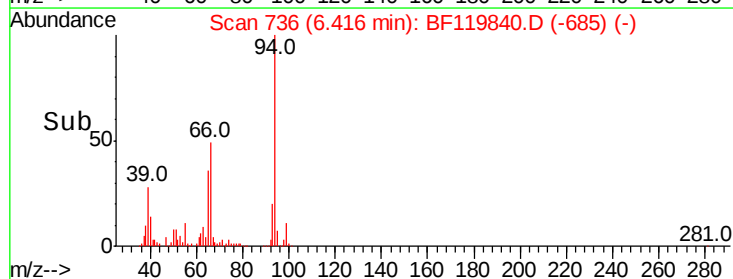
66 48.8 29.3 69.3

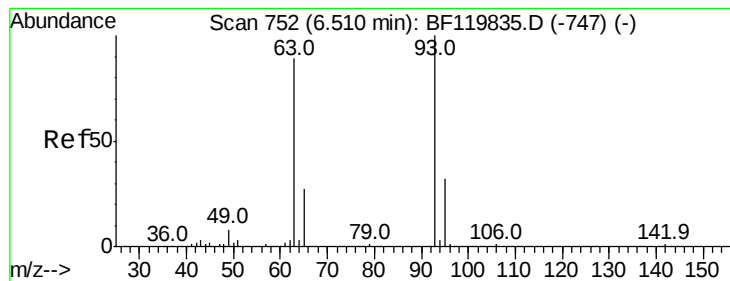


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.089 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

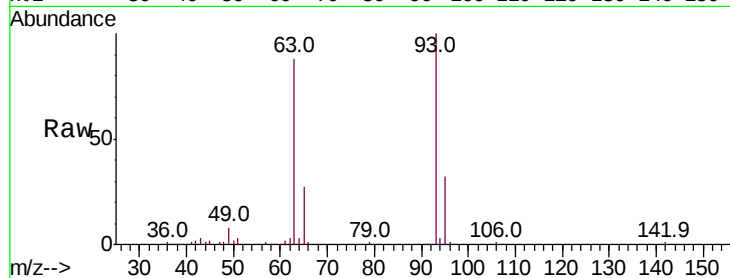
Tot Ion: 93 Resp: 503497

Ion Ratio Lower Upper

93 100

63 88.2 69.1 109.1

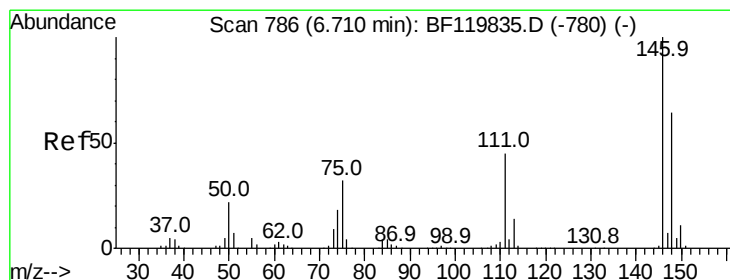
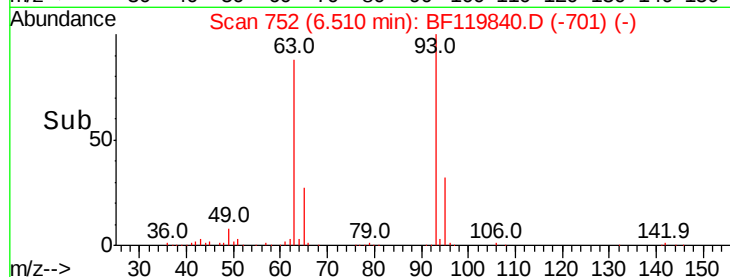
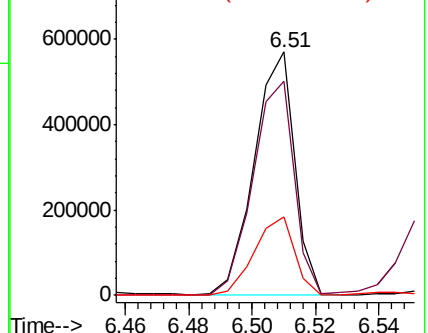
95 32.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.176 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

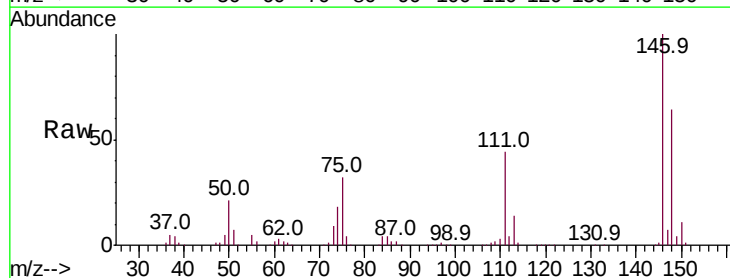
Tgt Ion: 146 Resp: 533234

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

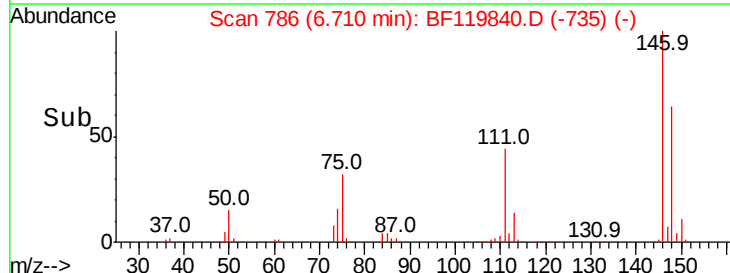
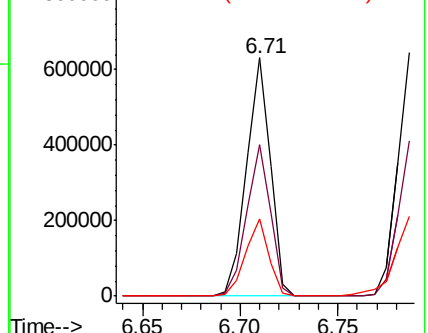
75 32.5 25.3 37.9

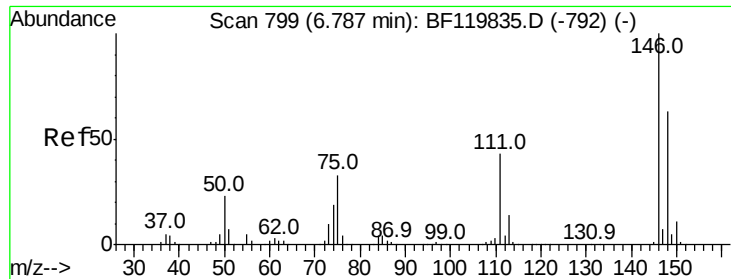


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

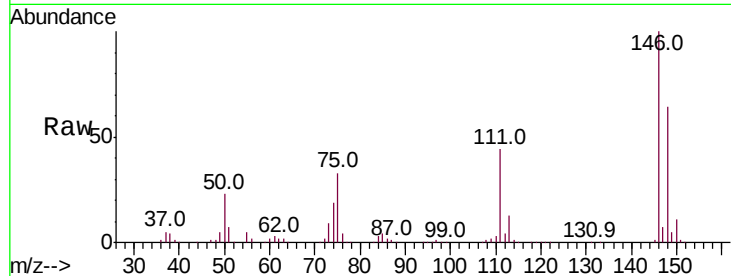




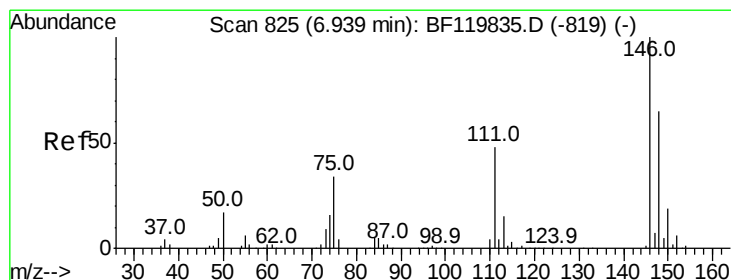
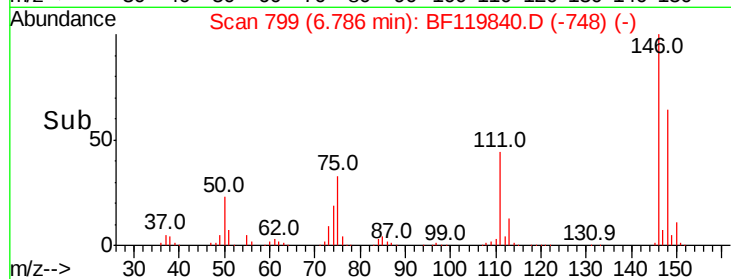
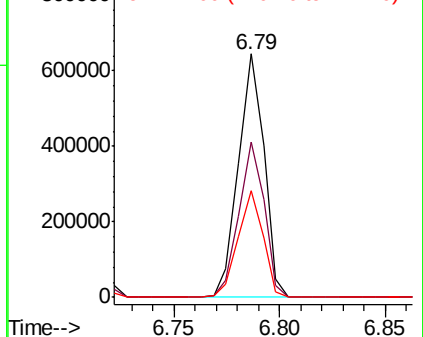
#13
 1,4-Dichlorobenzene
 Concen: 38.958 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 540161
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.5 75.7
 111 43.8 34.7 52.1

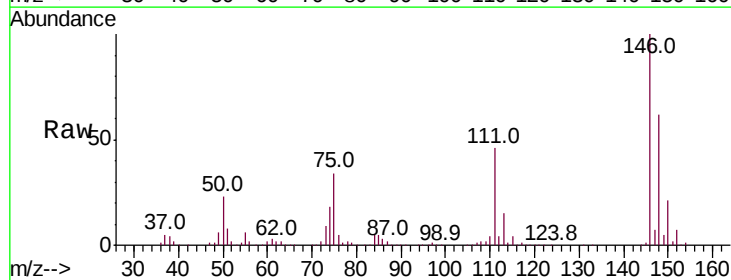


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

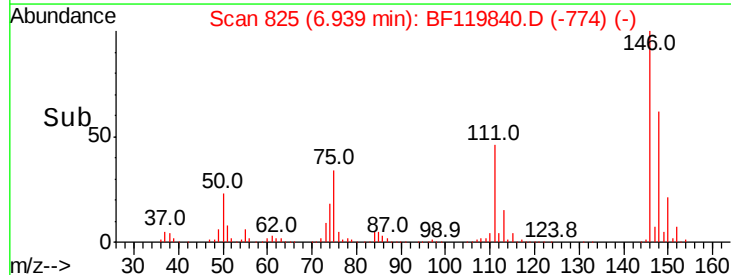
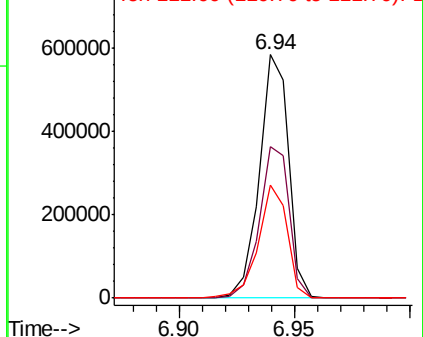


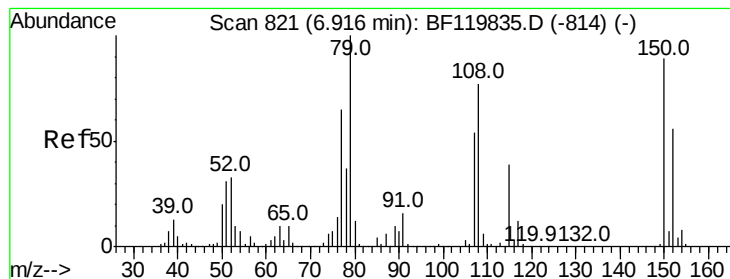
#14
 1,2-Dichlorobenzene
 Concen: 40.110 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:146 Resp: 512524
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.8 77.8
 111 46.3 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.791 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

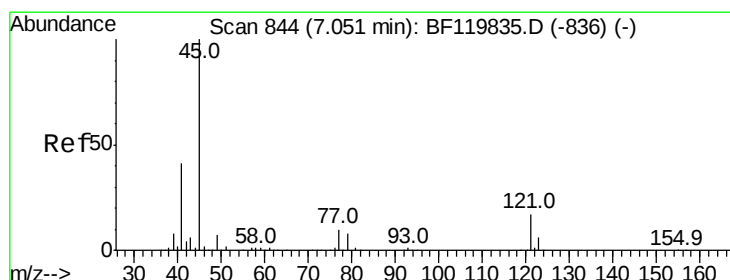
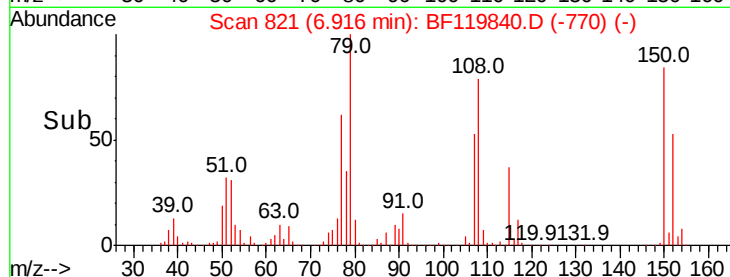
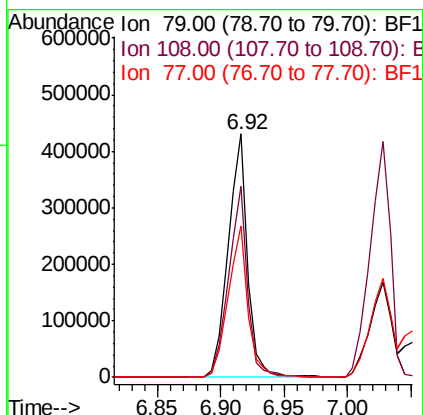
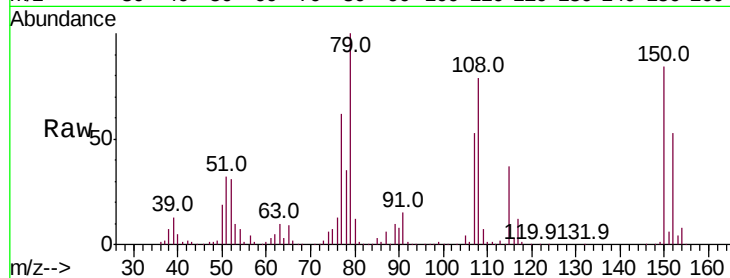
Tot Ion: 79 Resp: 454260

Ion Ratio Lower Upper

79 100

108 78.7 62.0 93.0

77 62.2 51.8 77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.904 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

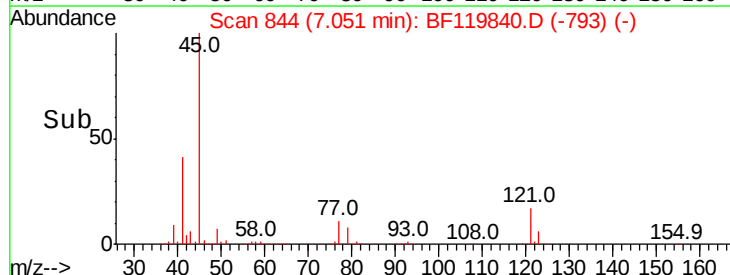
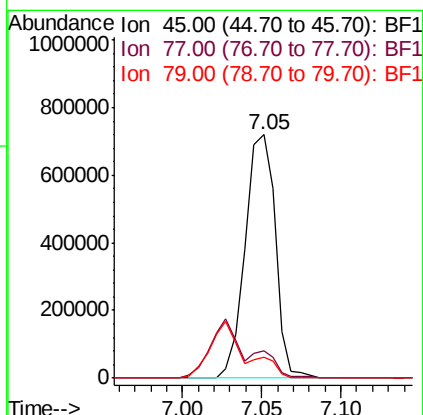
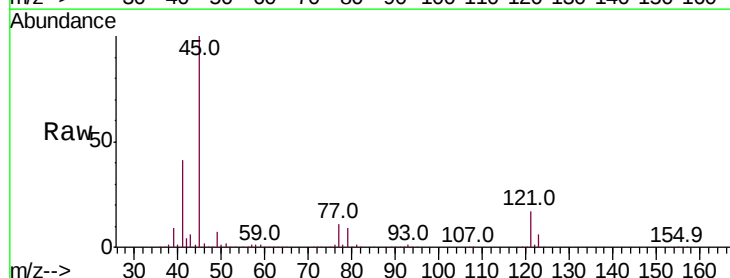
Tgt Ion: 45 Resp: 950815

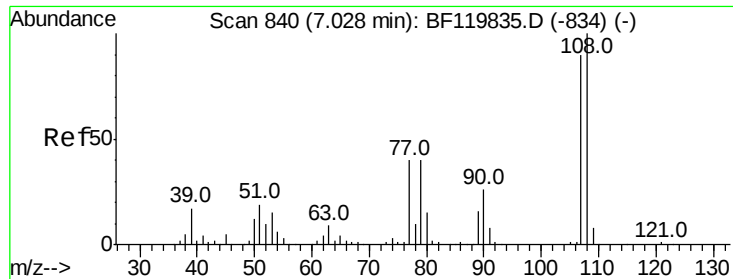
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.7

79 8.5 0.0 28.6

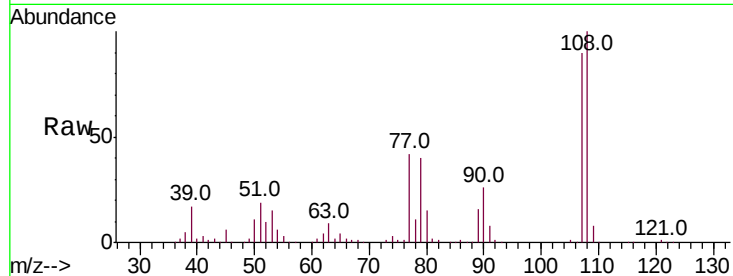




#17
2-Methylphenol
Concen: 37.035 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	410910
Ion	Ratio	Lower	Upper
107	100		
108	111.7	88.8	133.2
77	46.7	36.0	54.0
79	45.0	35.7	53.5



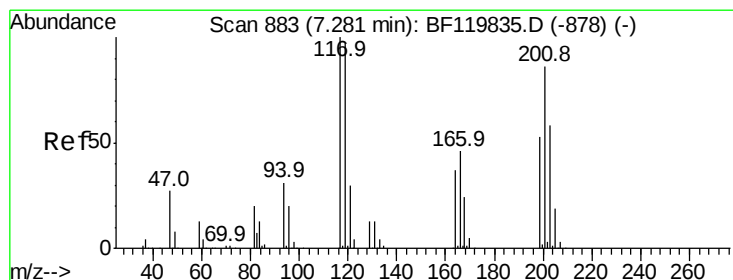
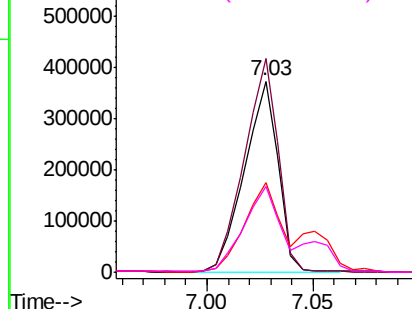
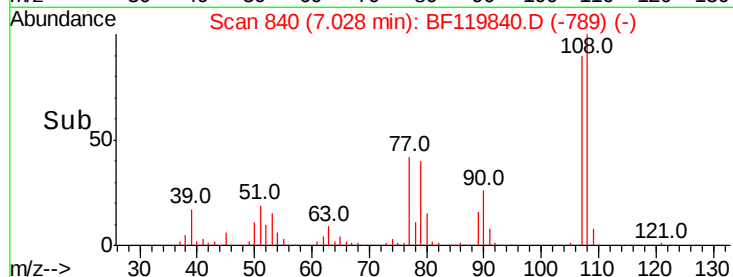
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

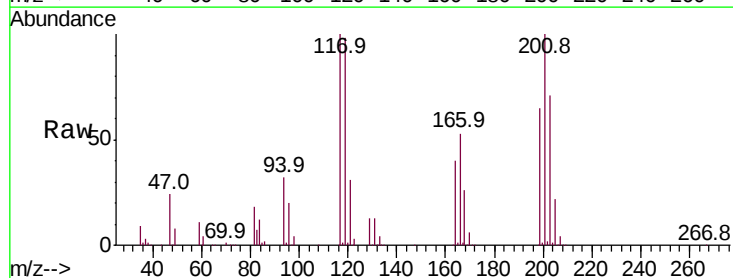
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.947 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:	117	Resp:	206996
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	100.1	68.4	102.6

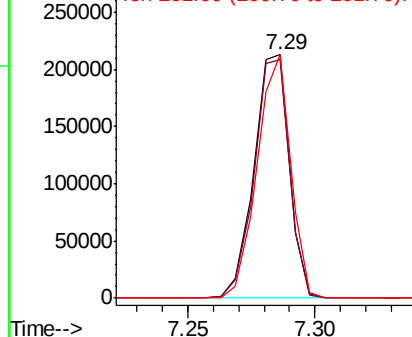
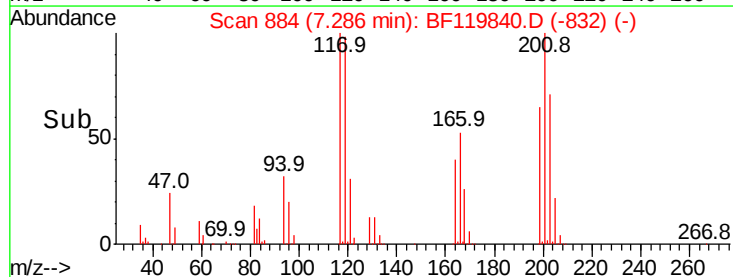


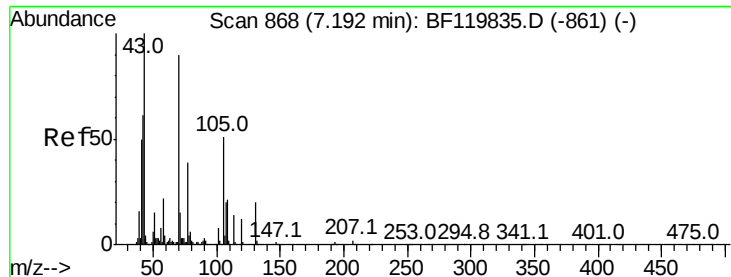
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

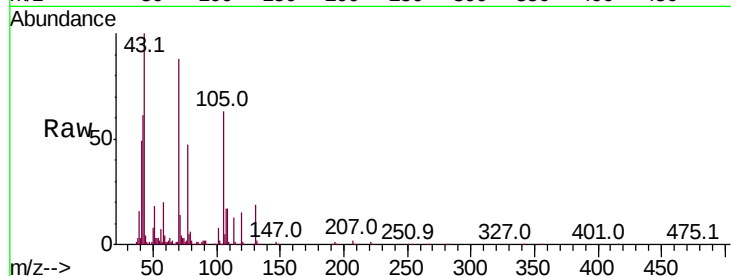




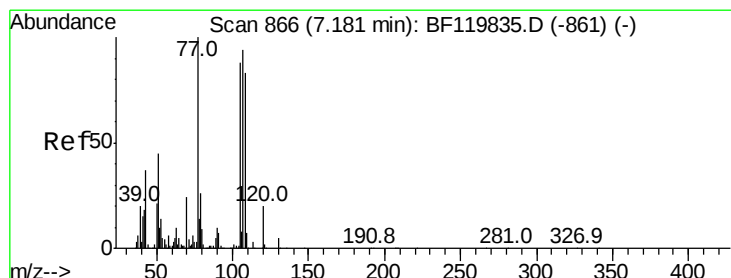
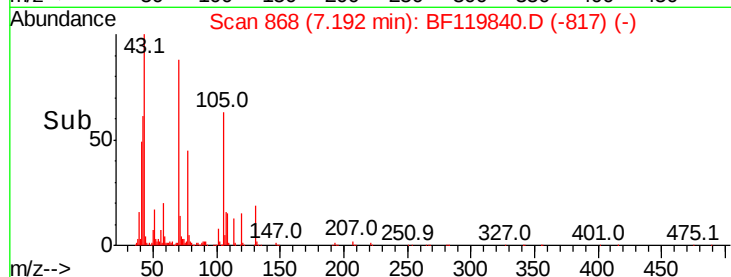
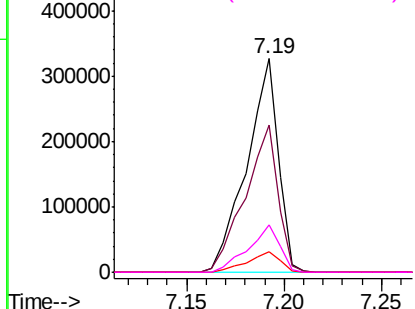
#19
n-Nitroso-di-n-propylamine
Concen: 39.939 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	368237
Ion	Ratio	Lower	Upper
70	100		
42	69.1	54.2	81.4
101	9.5	7.4	11.2
130	22.0	17.8	26.6

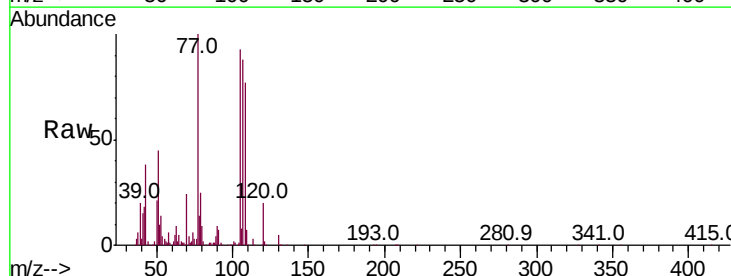


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

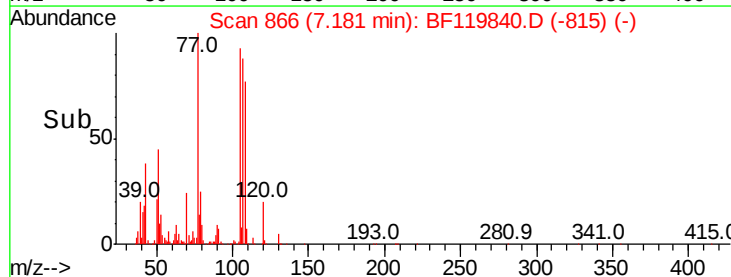
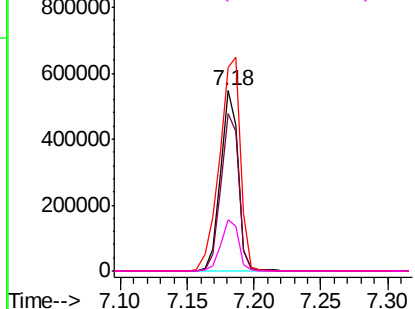


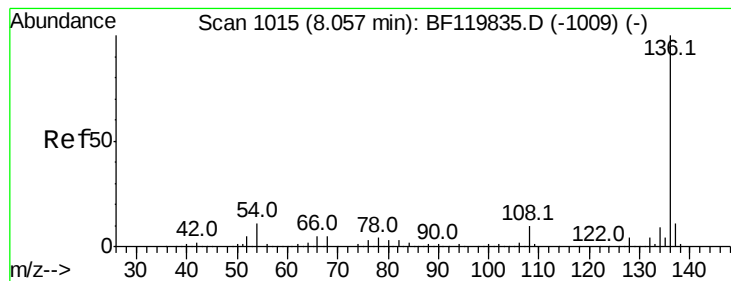
#20
3+4-Methylphenols
Concen: 37.556 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:	107	Resp:	509617
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	113.5	86.6	126.6
79	28.2	7.7	47.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
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: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 681373

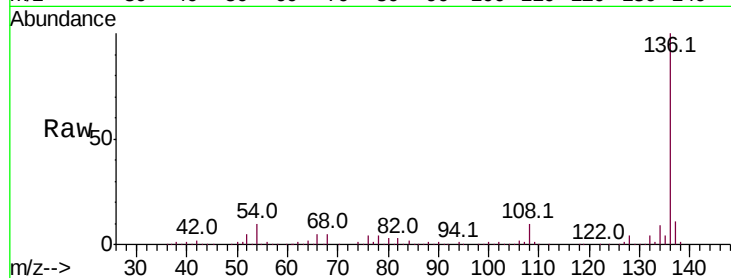
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.2 8.5 12.7

68 5.2 3.9 5.9

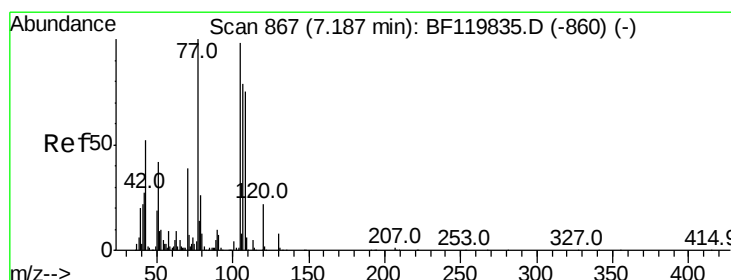
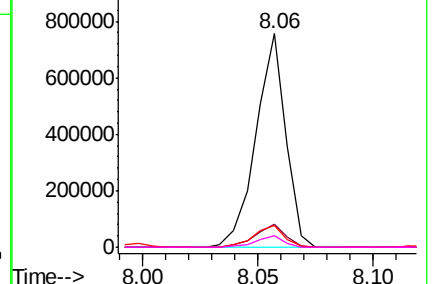
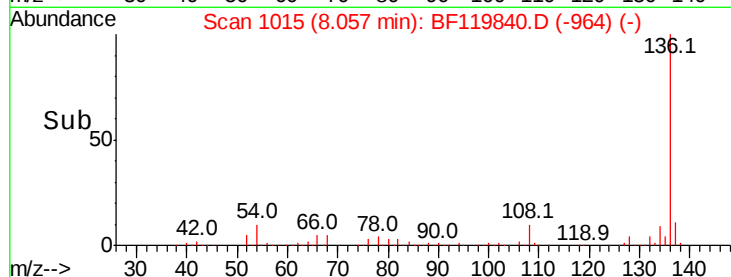


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.083 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Tgt Ion:105 Resp: 735274

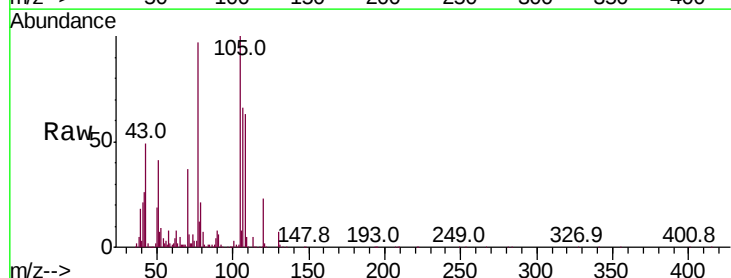
Ion Ratio Lower Upper

105 100

71 5.8 5.6 8.4

51 40.5 33.9 50.9

120 22.6 17.8 26.8

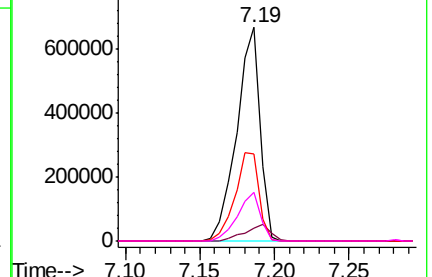
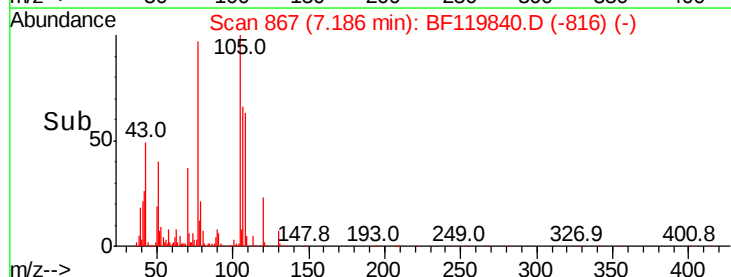


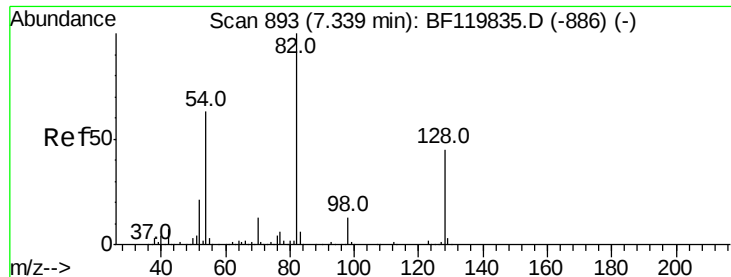
Abundance Ion 105.00 (104.70 to 105.70): E

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

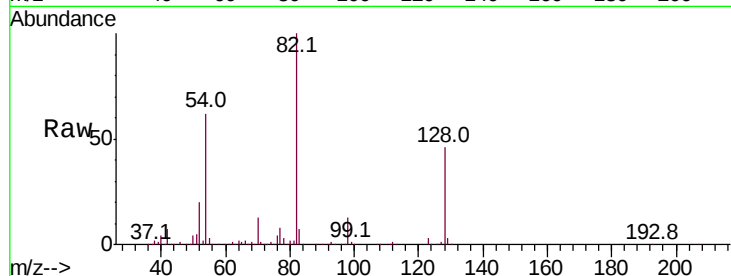




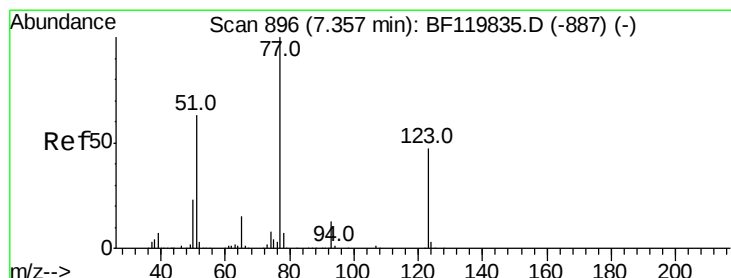
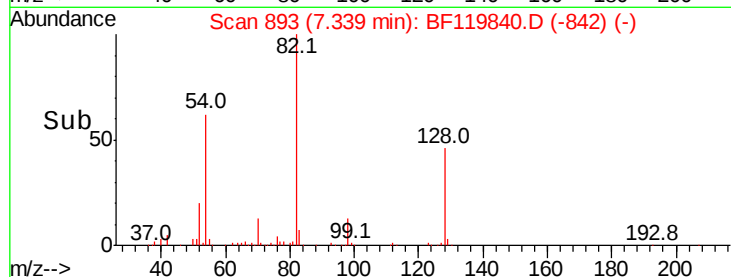
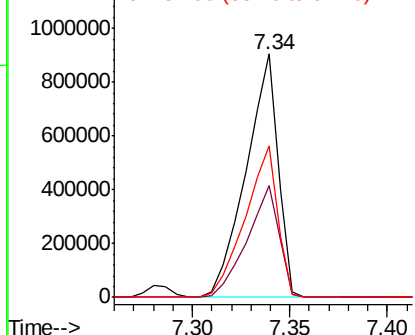
#23
Nitrobenzene-d5
Concen: 78.059 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1028098
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.4
54 62.3 50.4 75.6

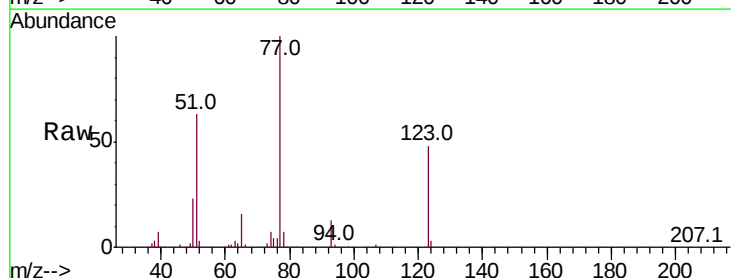


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

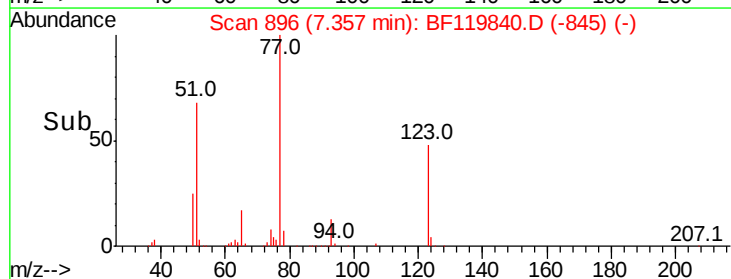
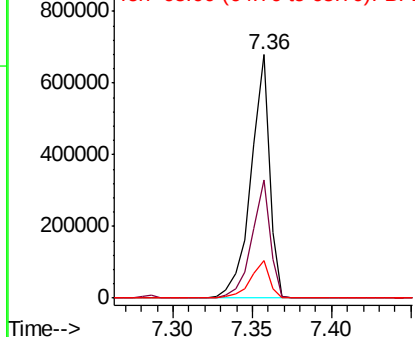


#24
Nitrobenzene
Concen: 41.477 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion: 77 Resp: 549547
Ion Ratio Lower Upper
77 100
123 48.4 37.8 56.8
65 15.5 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: 38.734 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

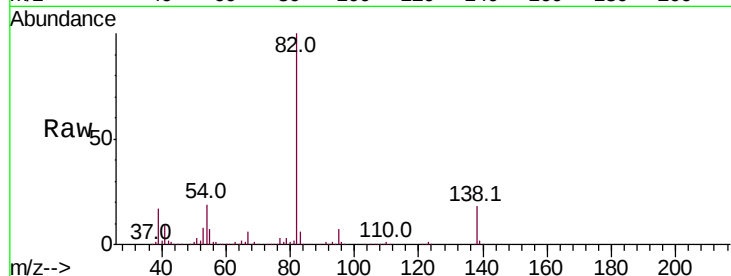
Tot Ion: 82 Resp: 983435

Ion Ratio Lower Upper

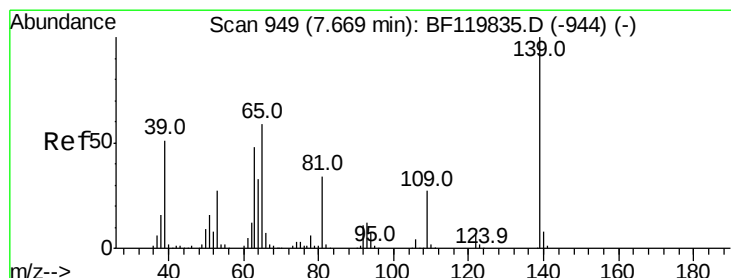
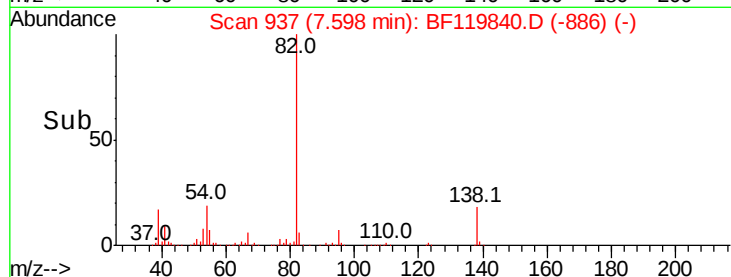
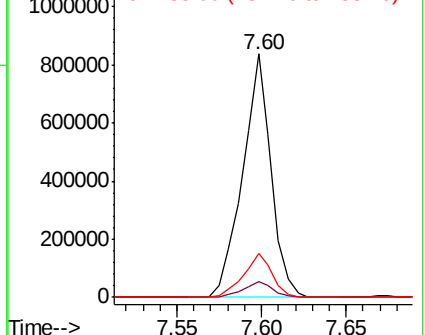
82 100

95 6.7 5.8 8.6

138 17.8 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: 40.057 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

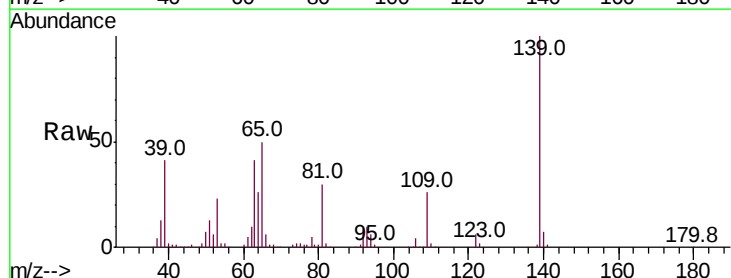
Tgt Ion:139 Resp: 265153

Ion Ratio Lower Upper

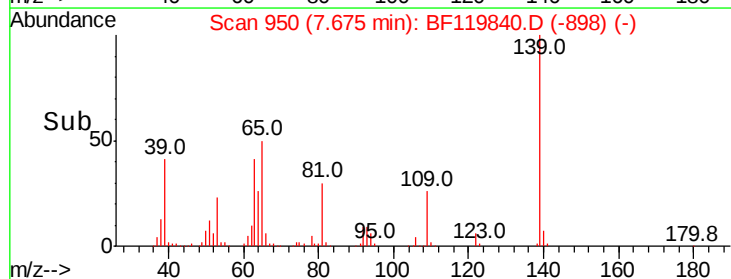
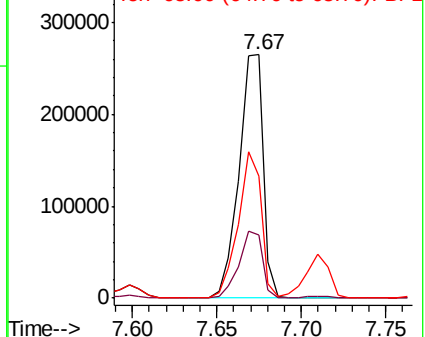
139 100

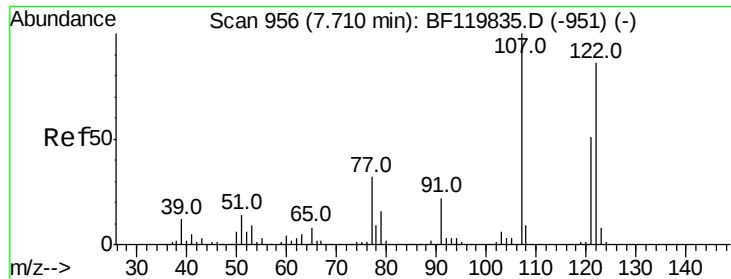
109 26.0 21.8 32.6

65 50.2 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

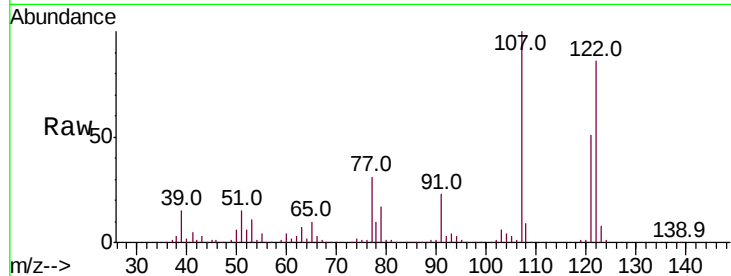




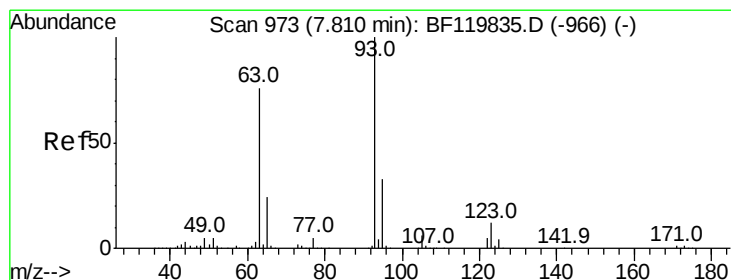
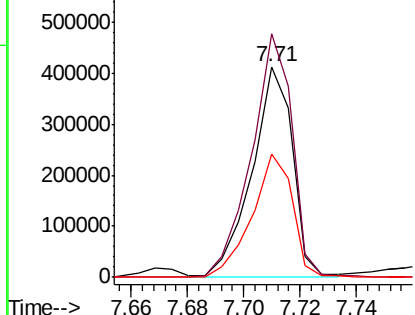
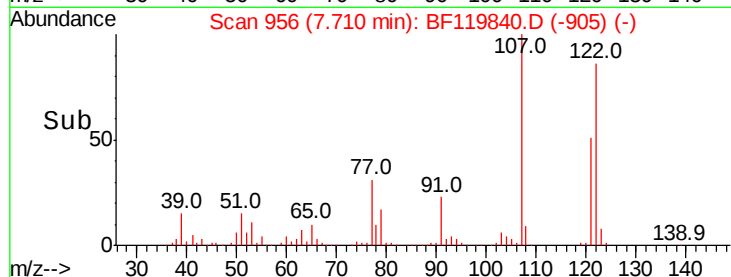
#27
 2,4-Dimethylphenol
 Concen: 40.893 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 408241
 Ion Ratio Lower Upper
 122 100
 107 115.6 92.3 138.5
 121 58.6 46.6 70.0

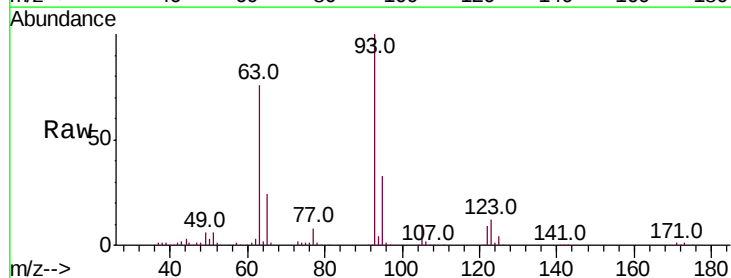


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

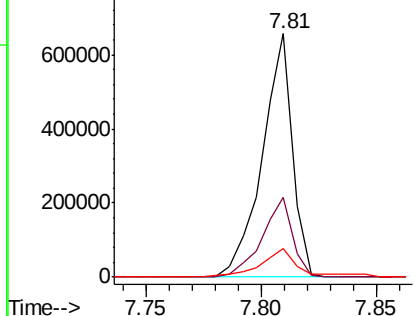
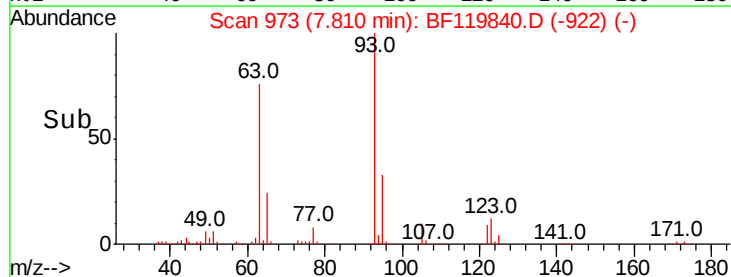


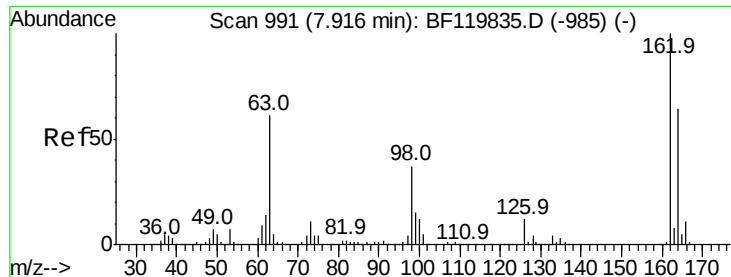
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.044 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion: 93 Resp: 598266
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 11.9 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

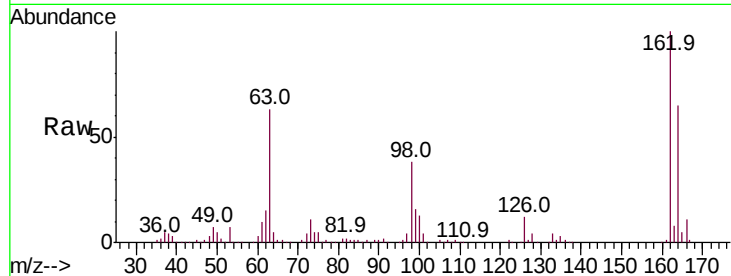




#29
 2,4-Dichlorophenol
 Concen: 39.497 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	38.0	17.3	57.3

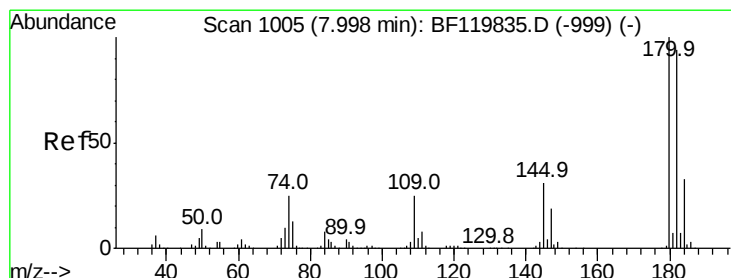
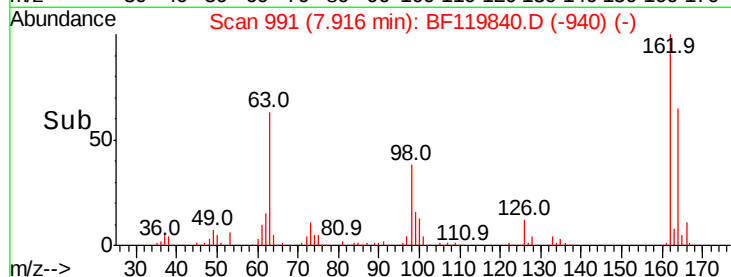
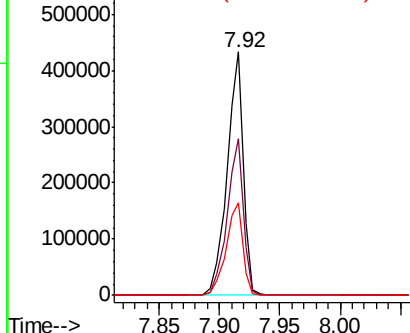


Abundance

Ion 162.00 (161.70 to 162.70): E

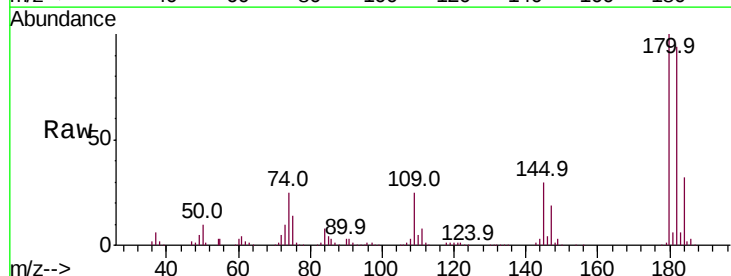
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.943 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.4	113.0
145	30.4	24.6	37.0

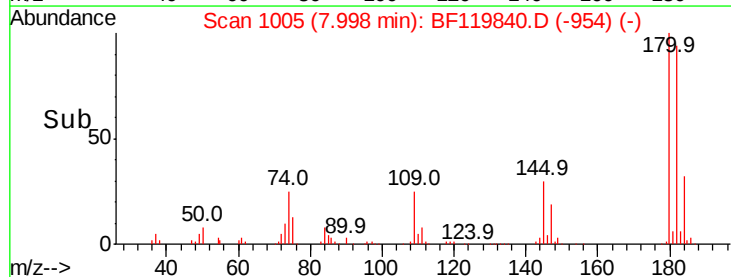
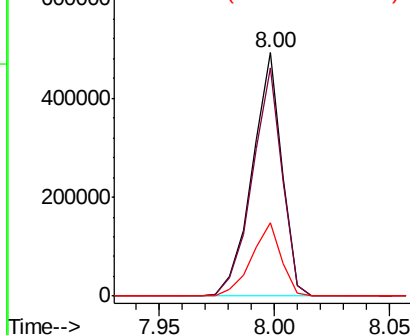


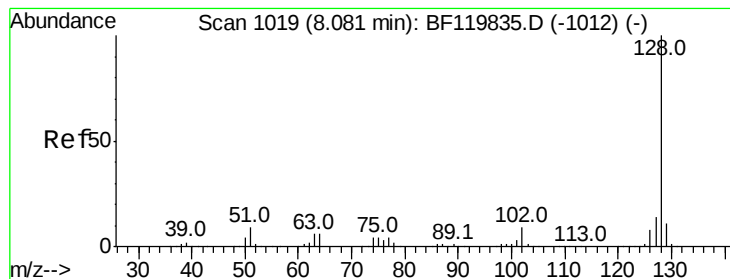
Abundance

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: 38.987 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

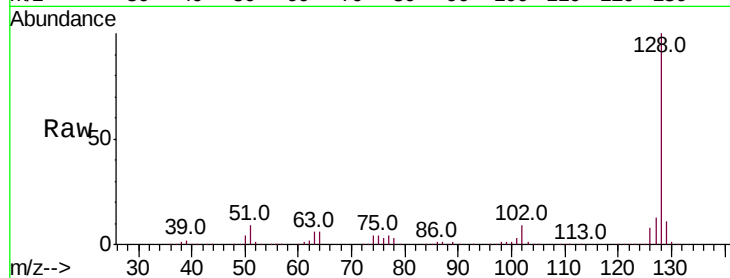
Tot Ion:128 Resp: 1397637

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

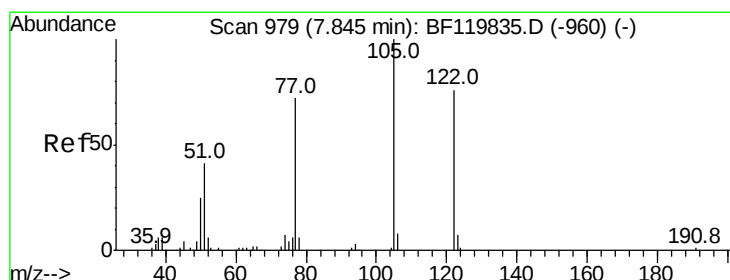
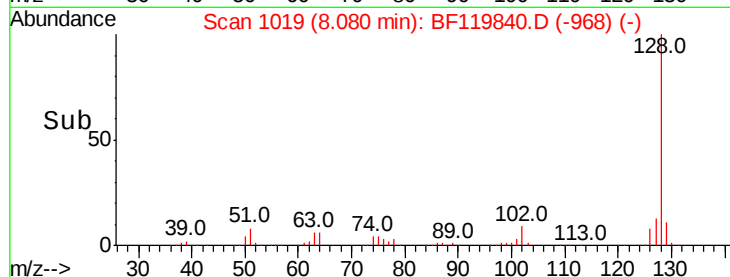
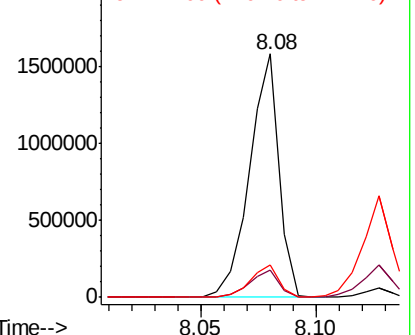
127 13.2 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.591 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

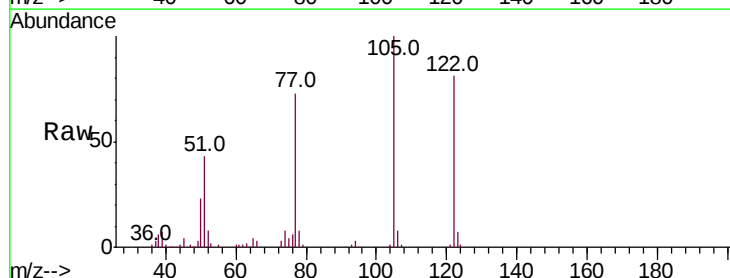
Tgt Ion:122 Resp: 303289

Ion Ratio Lower Upper

122 100

105 124.0 106.7 146.7

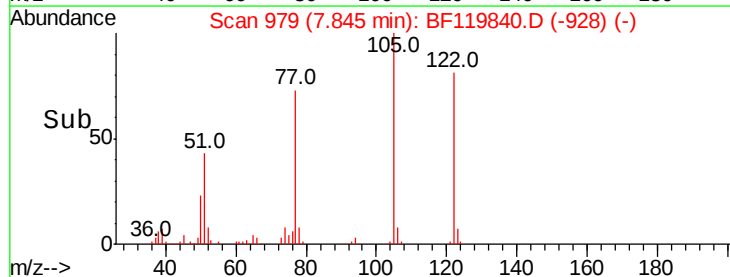
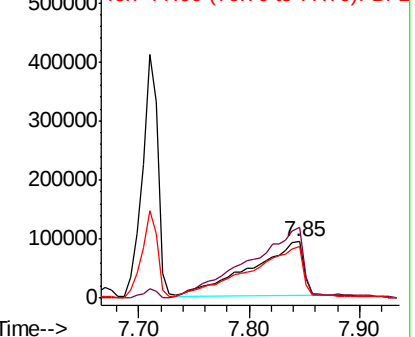
77 90.3 72.1 112.1

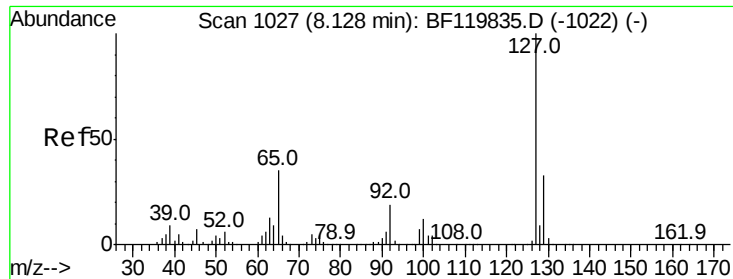


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

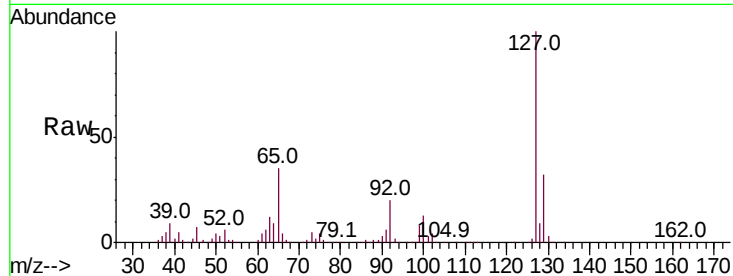




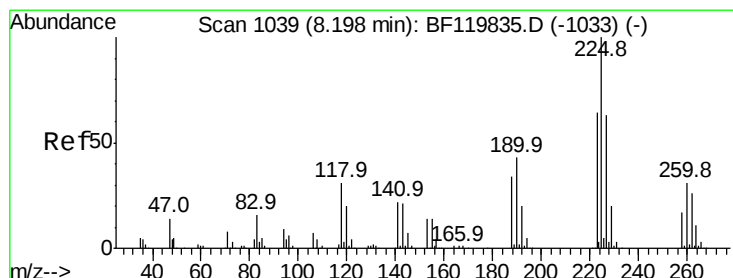
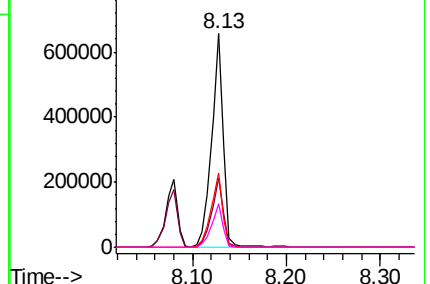
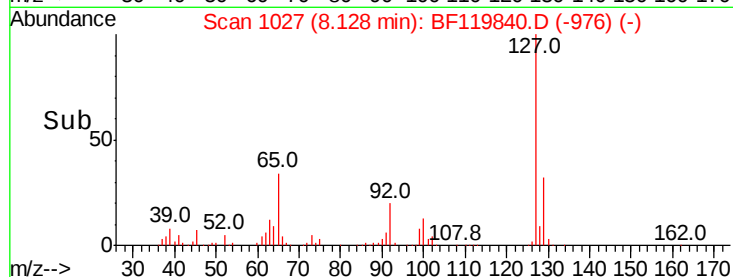
#33
4-Chloroaniline
Concen: 37.157 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	579886
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	34.7	28.3	42.5
92	20.3	15.4	23.2

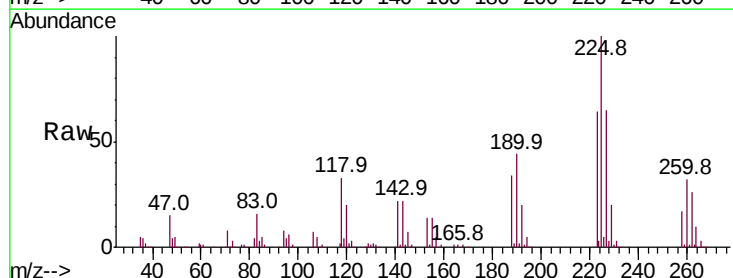


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

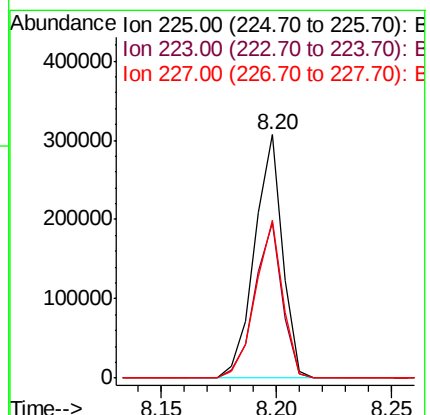
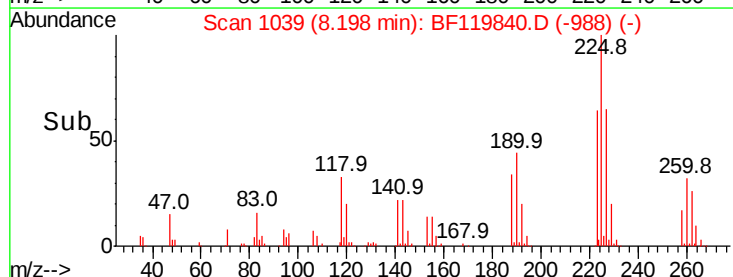


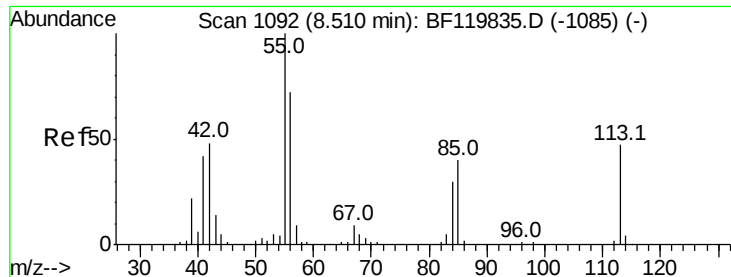
#34
Hexachlorobutadiene
Concen: 37.408 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:	225	Resp:	259643
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	65.0	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

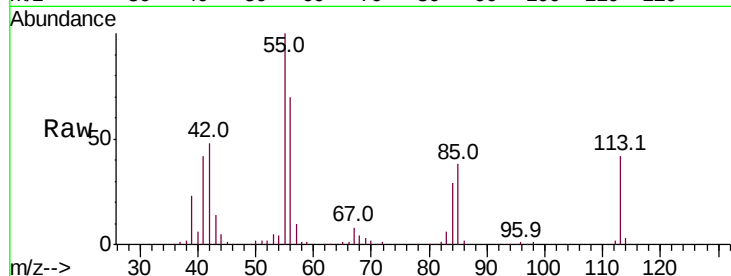




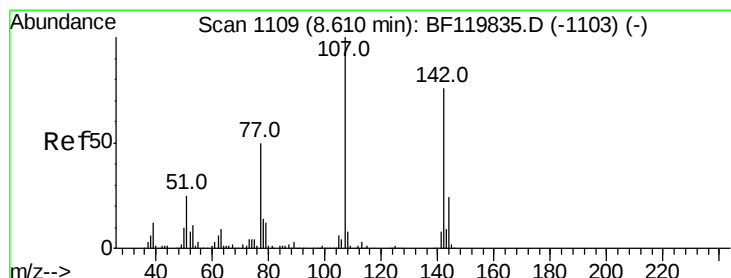
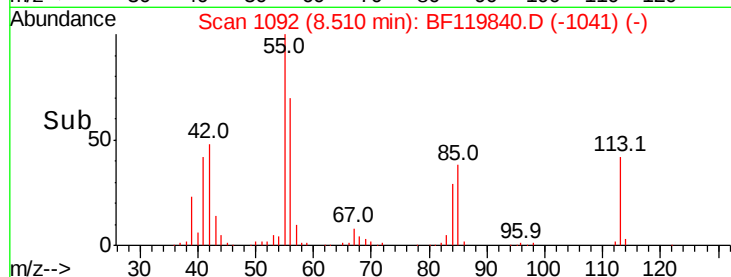
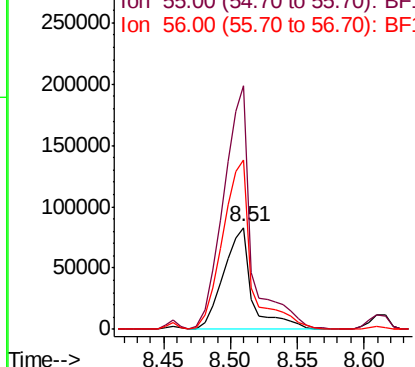
#35
 Caprolactam
 Concen: 40.124 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 125598
 Ion Ratio Lower Upper
 113 100
 55 238.6 192.7 232.7#
 56 166.3 133.3 173.3

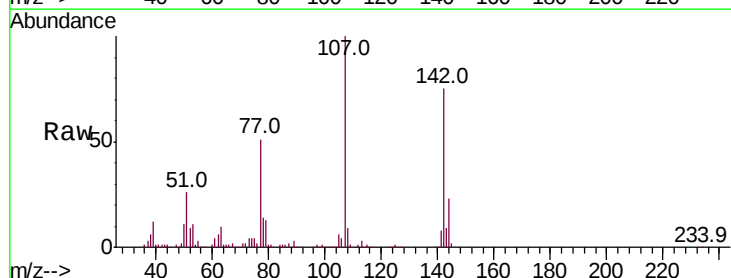


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

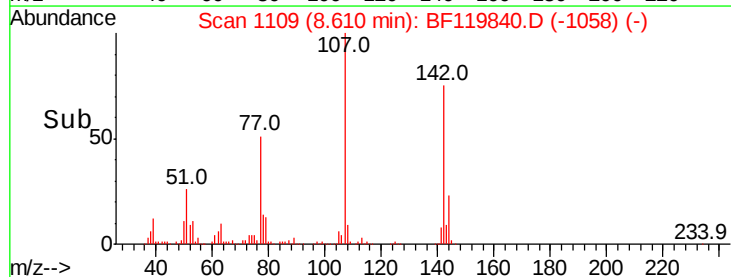
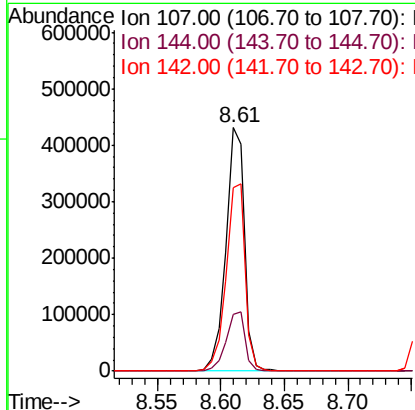


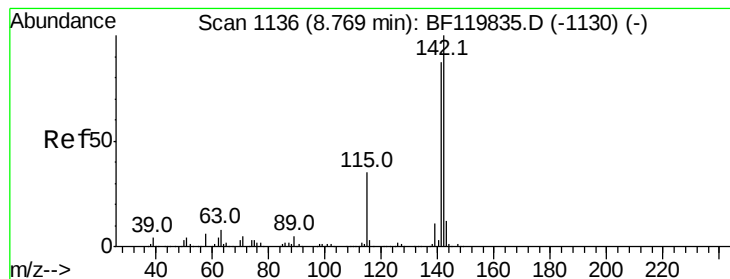
#36
 4-Chloro-3-methylphenol
 Concen: 39.354 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:107 Resp: 435998
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.5 29.3
 142 75.4 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: 39.540 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampled :

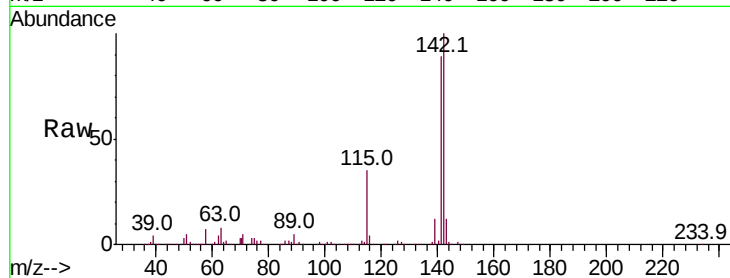
Tot Ion:142 Resp: 961000

Ion Ratio Lower Upper

142 100

141 88.9 69.9 104.9

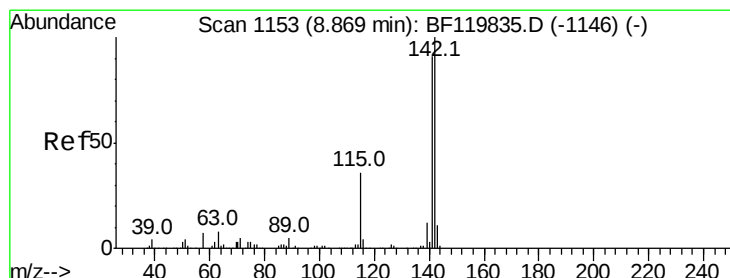
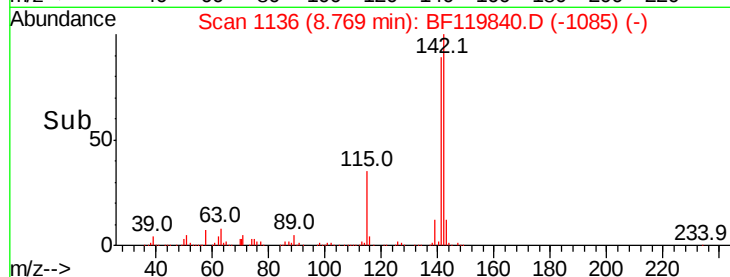
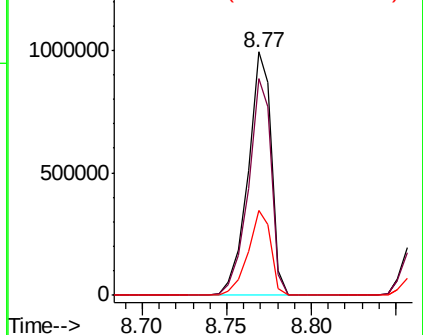
115 34.8 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.389 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

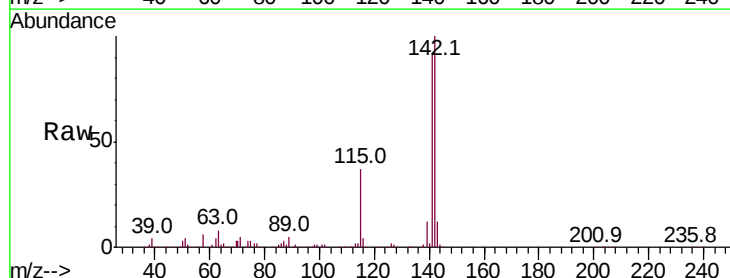
Tgt Ion:142 Resp: 879423

Ion Ratio Lower Upper

142 100

141 92.5 72.9 109.3

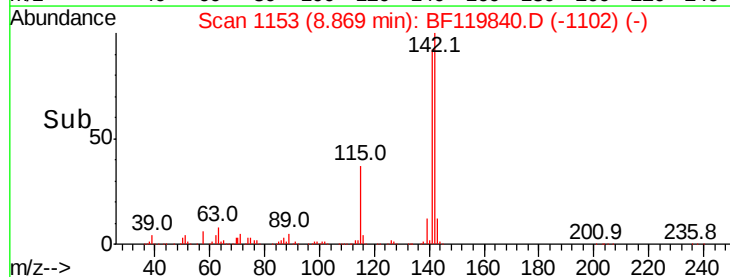
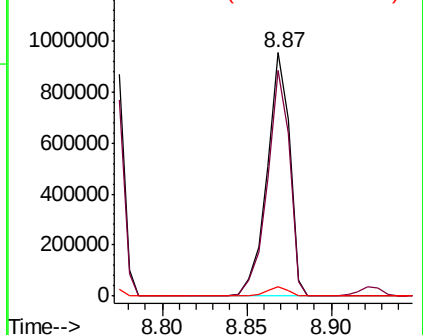
116 3.8 3.0 4.6

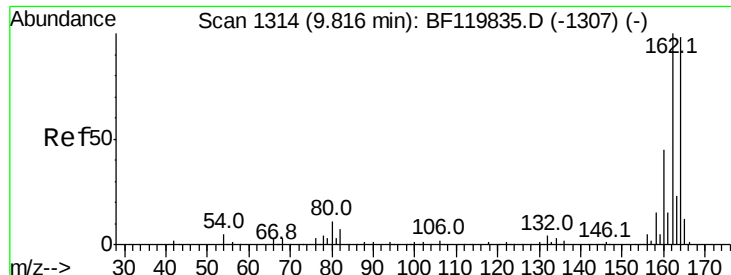


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

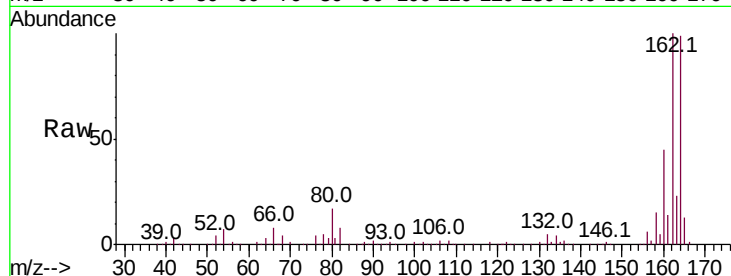




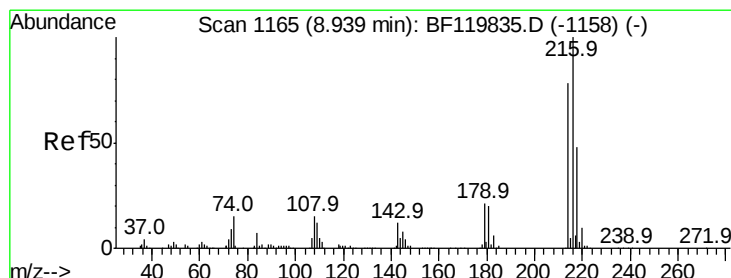
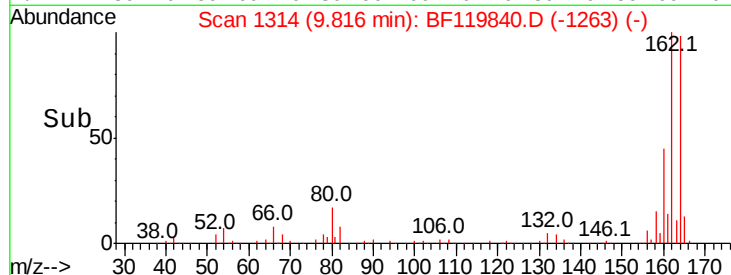
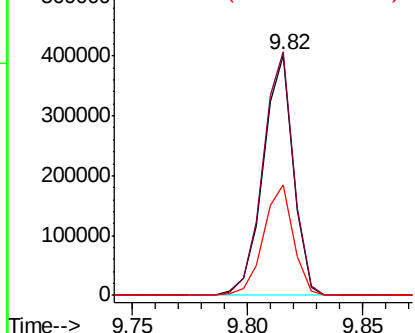
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 364468
Ion Ratio Lower Upper
164 100
162 101.4 81.9 122.9
160 45.8 36.6 54.8

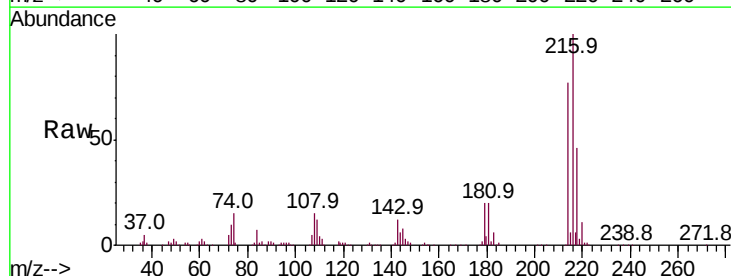


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

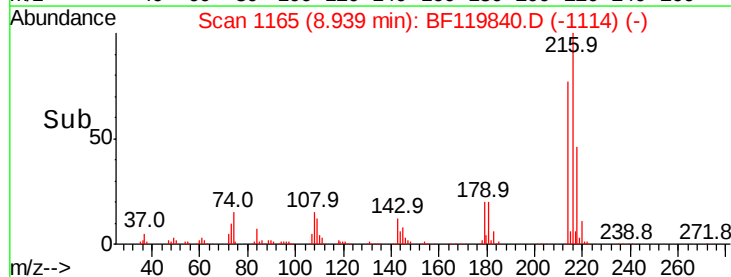
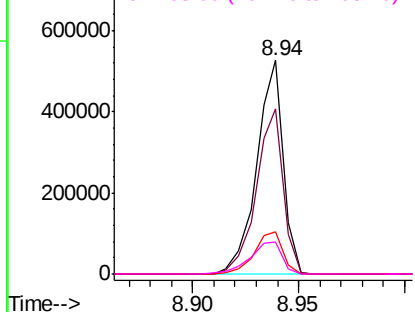


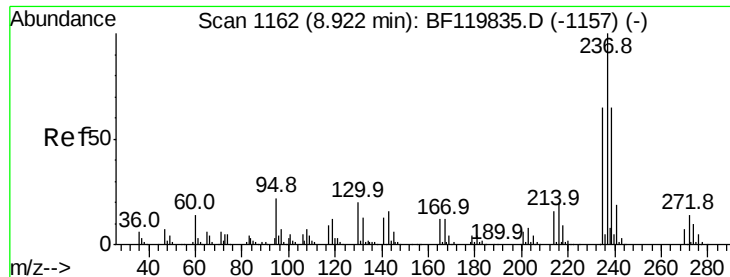
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.031 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:216 Resp: 460817
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 21.0 17.0 25.4
108 18.0 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

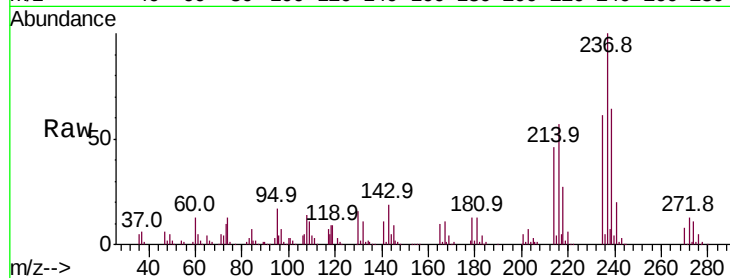




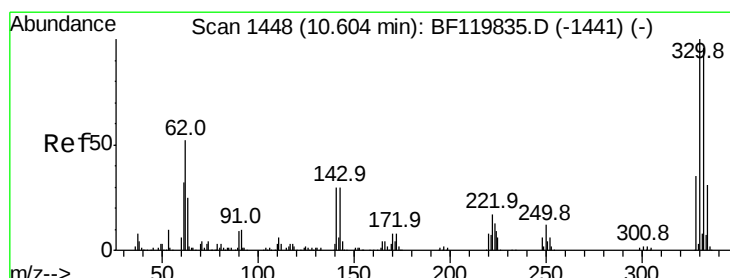
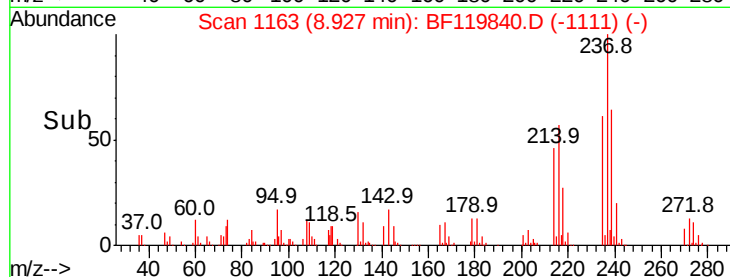
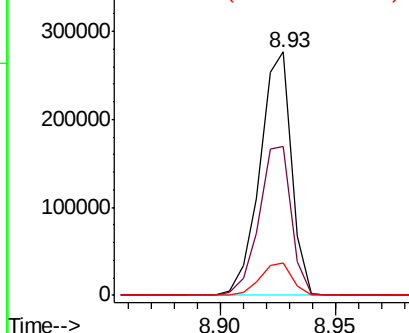
#41
 Hexachlorocyclopentadiene
 Concen: 40.359 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.9	84.9
272	13.4	0.0	33.6

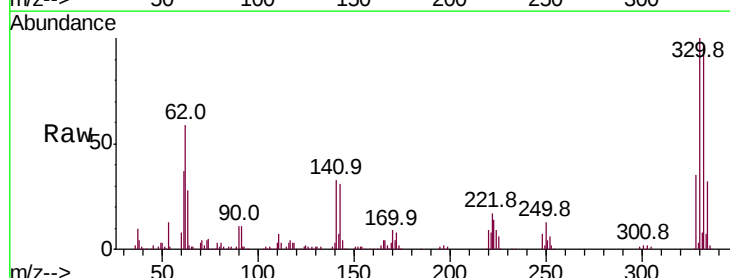


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

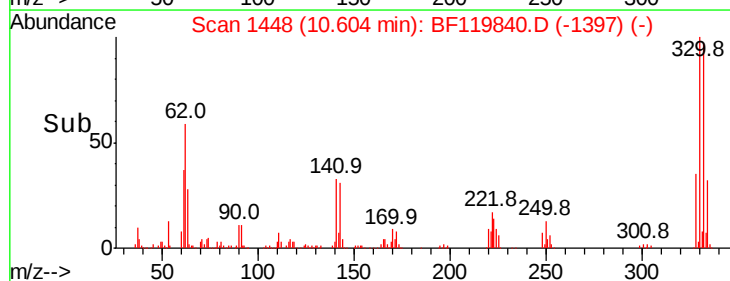
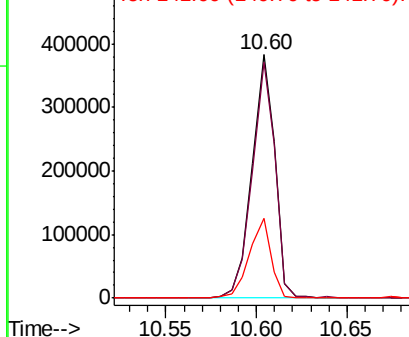


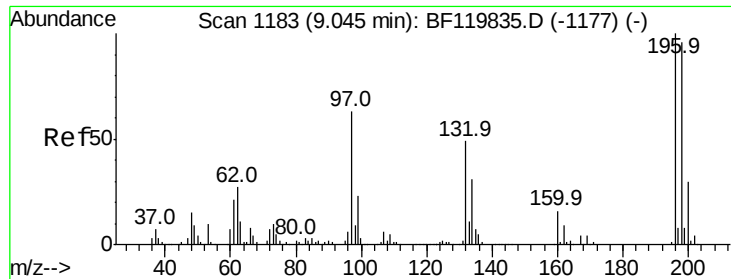
#42
 2,4,6-Tribromophenol
 Concen: 75.436 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	31.4	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

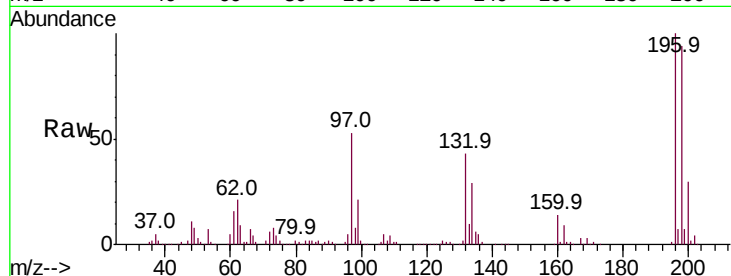




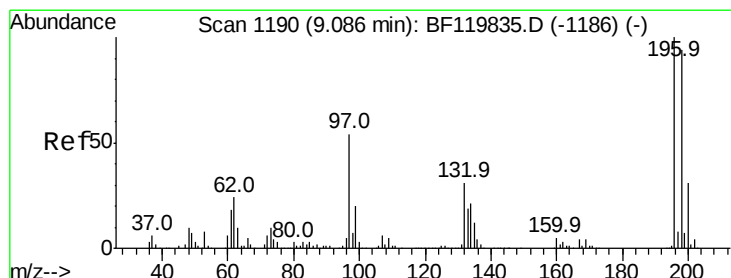
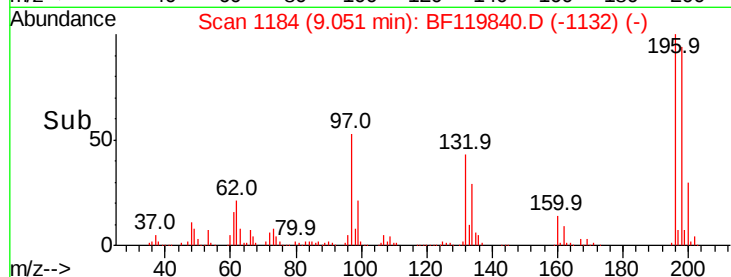
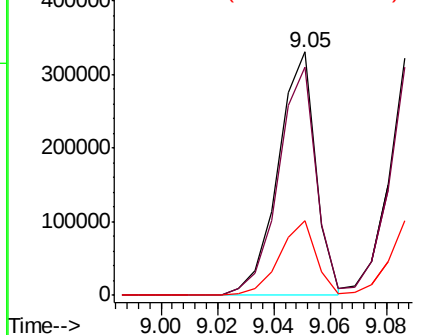
#43
 2,4,6-Trichlorophenol
 Concen: 38.511 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 306134
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.6 115.0
 200 30.4 24.2 36.2

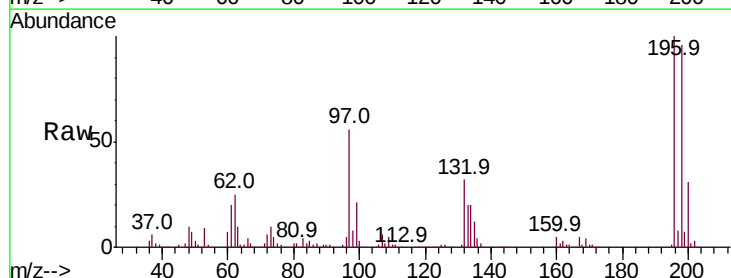


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

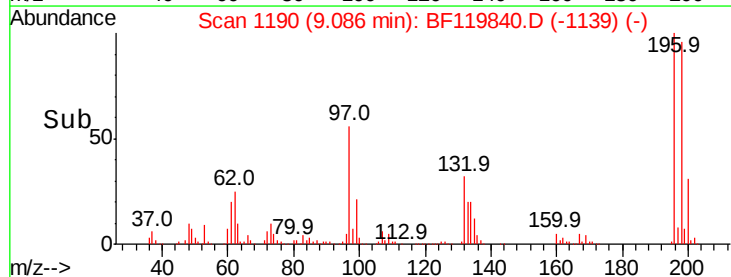
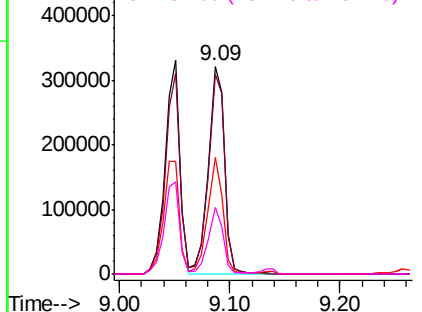


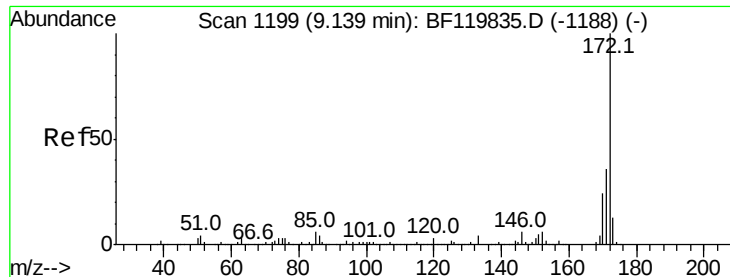
#44
 2,4,5-Trichlorophenol
 Concen: 35.317 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:196 Resp: 316194
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.1 112.7
 97 55.8 43.4 65.2
 132 31.8 24.5 36.7



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



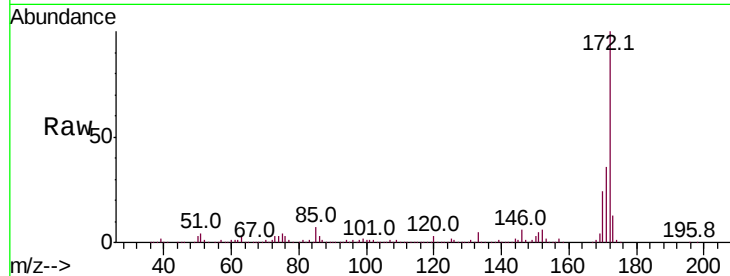


#45
 2-Fluorobiphenyl
 Concen: 73.865 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

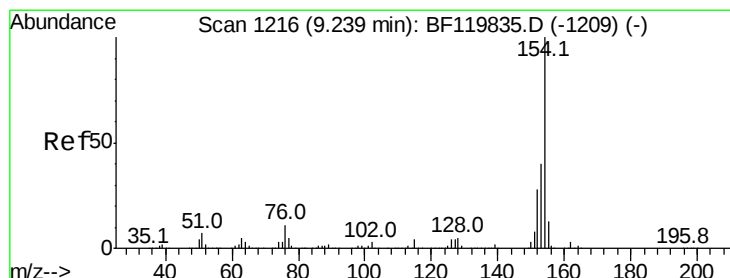
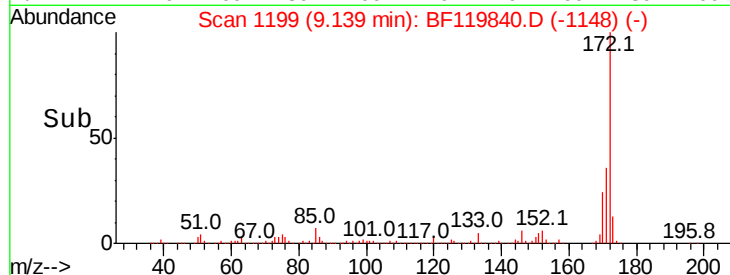
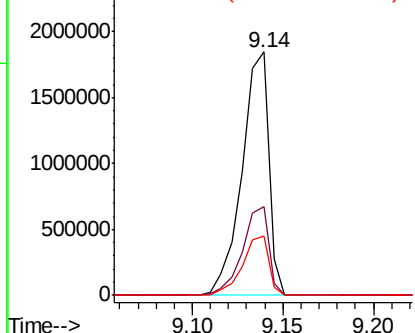
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1896167

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.4	19.4	29.2



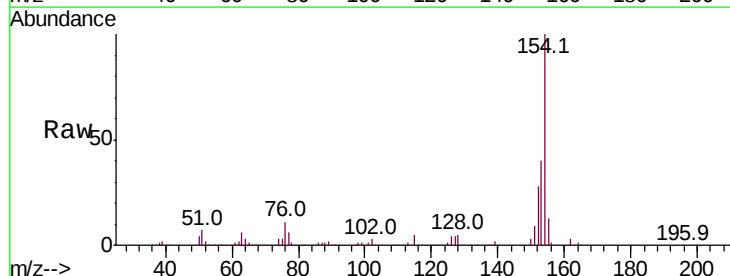
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



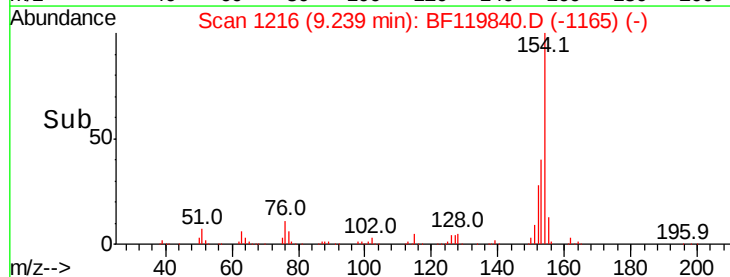
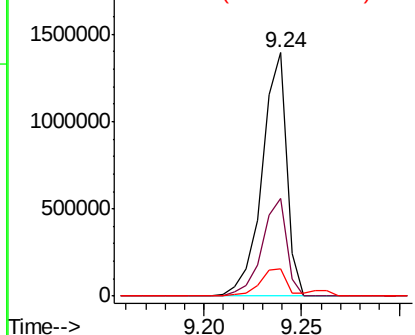
#46
 1,1'-Biphenyl
 Concen: 39.627 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

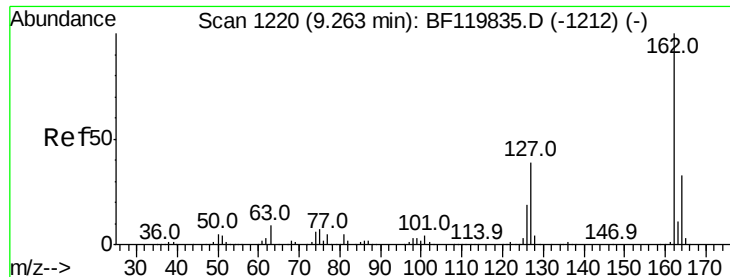
Tgt Ion:154 Resp: 1219046

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	11.1	0.0	30.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

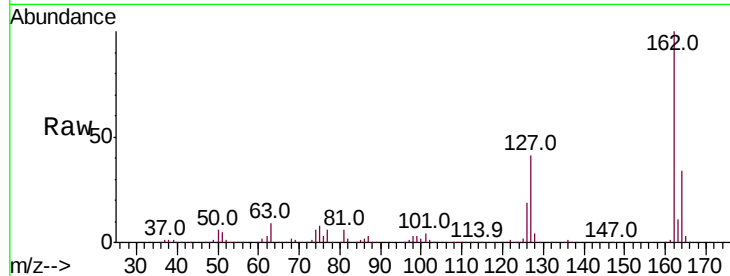




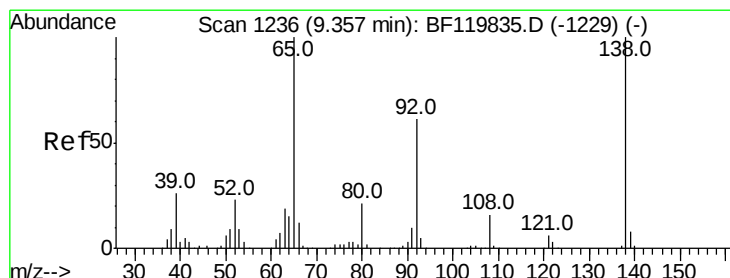
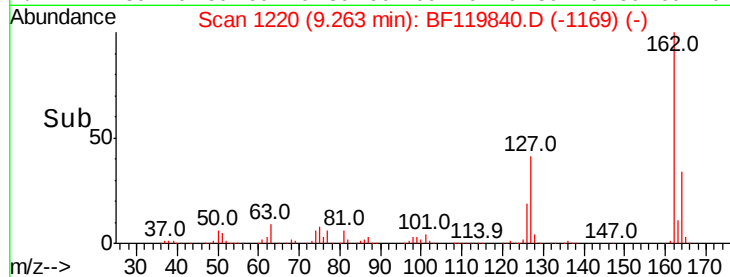
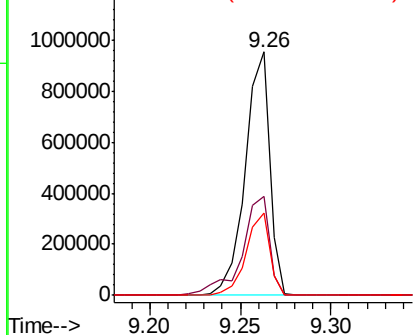
#47
 2-Chloronaphthalene
 Concen: 37.741 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 894395
 Ion Ratio Lower Upper
 162 100
 127 40.6 31.2 46.8
 164 33.9 26.3 39.5

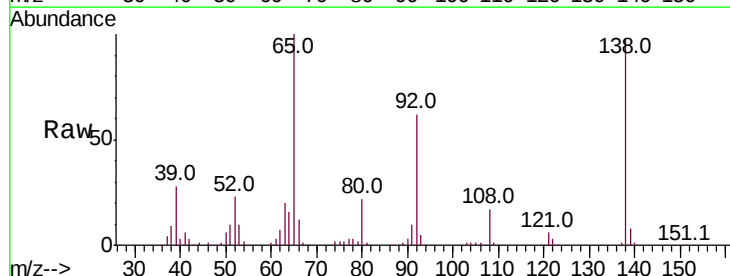


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

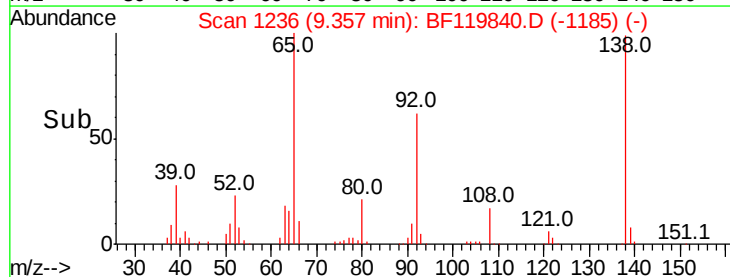
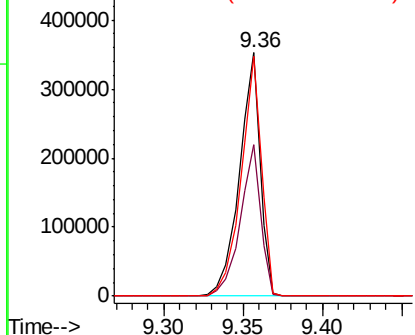


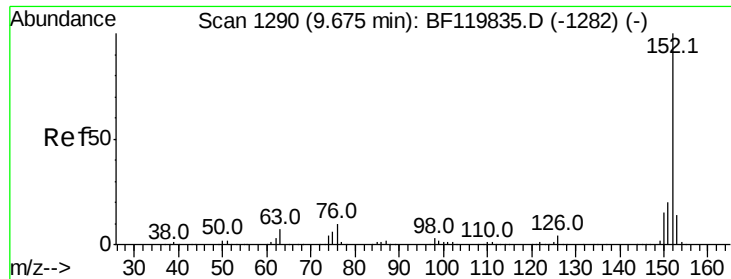
#48
 2-Nitroaniline
 Concen: 37.084 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion: 65 Resp: 318476
 Ion Ratio Lower Upper
 65 100
 92 62.1 49.0 73.6
 138 98.4 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: 39.723 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

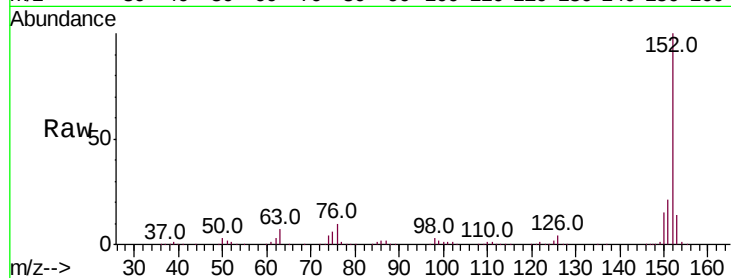
Tot Ion:152 Resp: 1431646

Ion Ratio Lower Upper

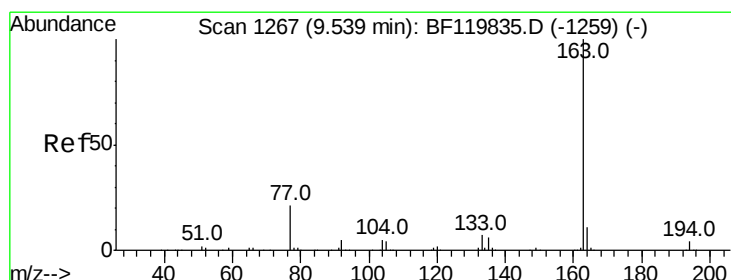
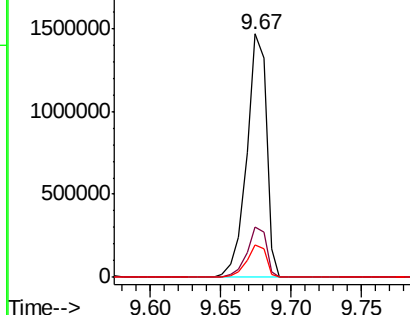
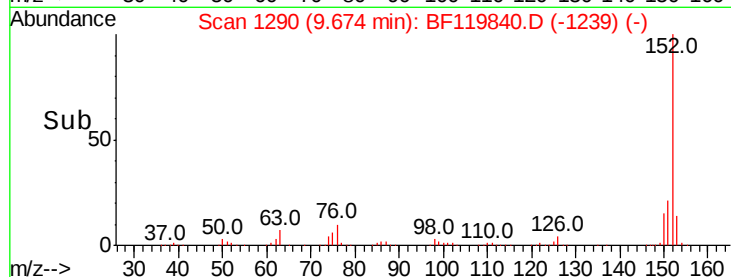
152 100

151 20.6 16.2 24.4

153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.634 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

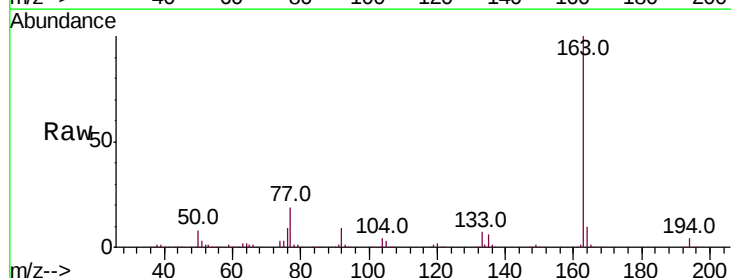
Tgt Ion:163 Resp: 1060937

Ion Ratio Lower Upper

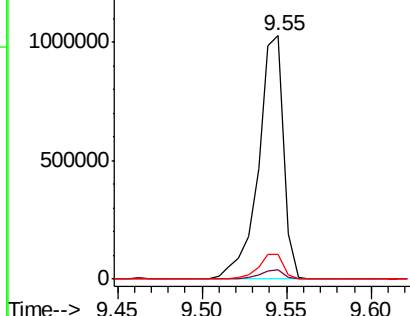
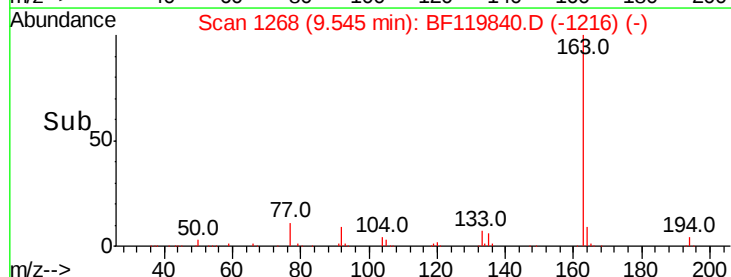
163 100

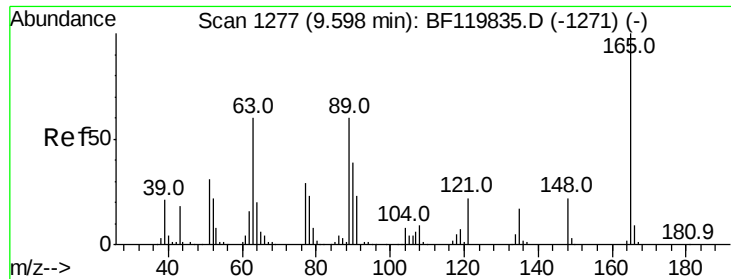
194 3.9 3.0 4.4

164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

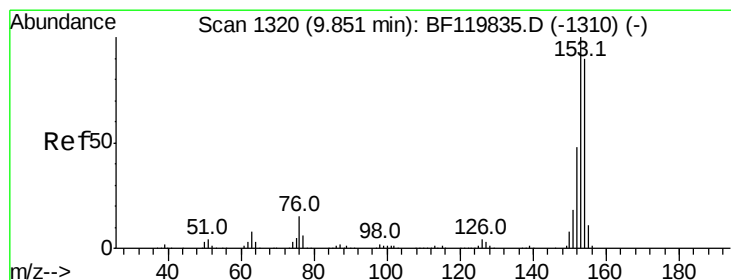
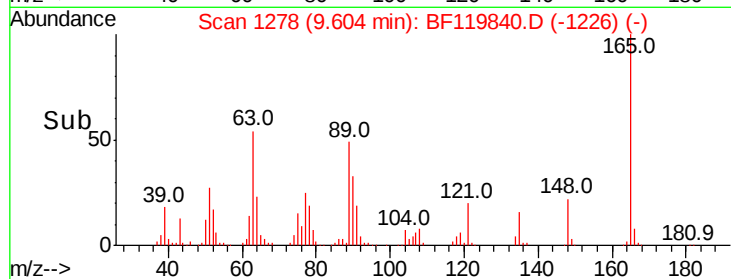
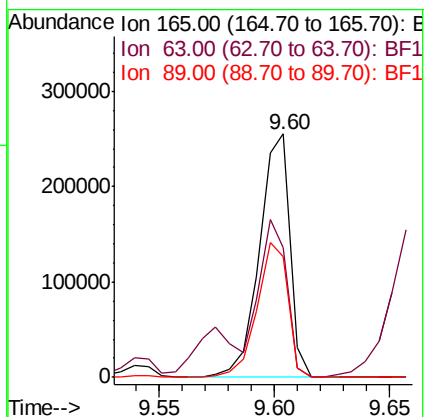
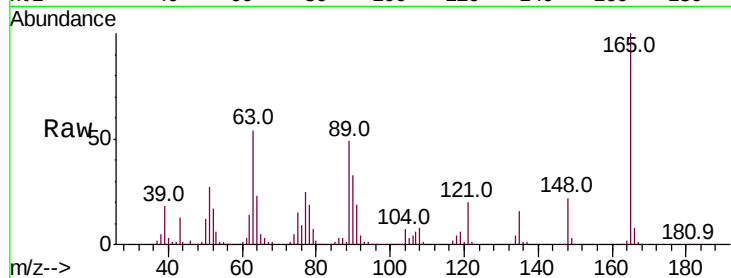




#51
 2,6-Dinitrotoluene
 Concen: 38.275 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

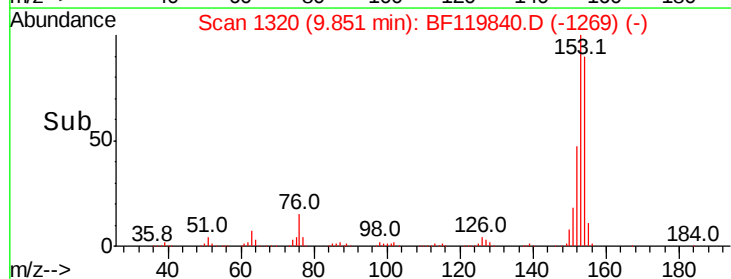
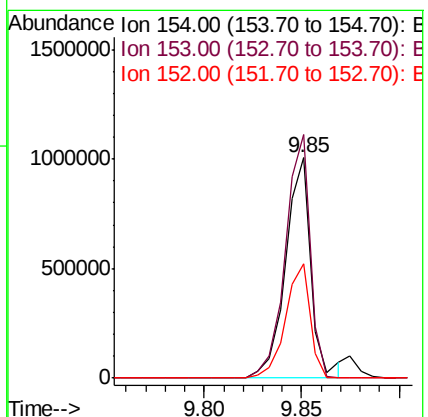
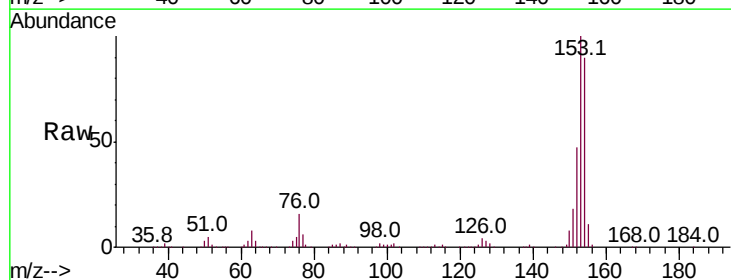
Instrument :
 BNA_F
 ClientSampled :

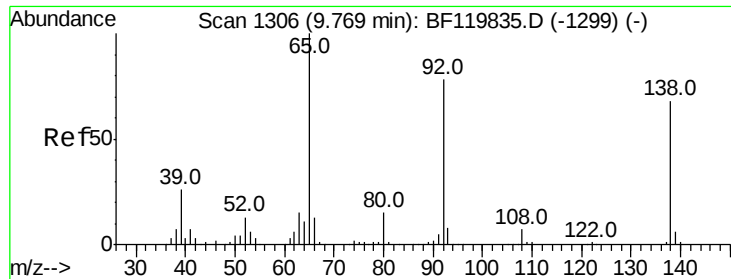
Tot Ion:165 Resp: 236286
 Ion Ratio Lower Upper
 165 100
 63 53.5 55.6 83.4#
 89 49.5 47.9 71.9



#52
 Acenaphthene
 Concen: 39.383 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:154 Resp: 908161
 Ion Ratio Lower Upper
 154 100
 153 110.6 88.8 133.2
 152 51.9 42.4 63.6

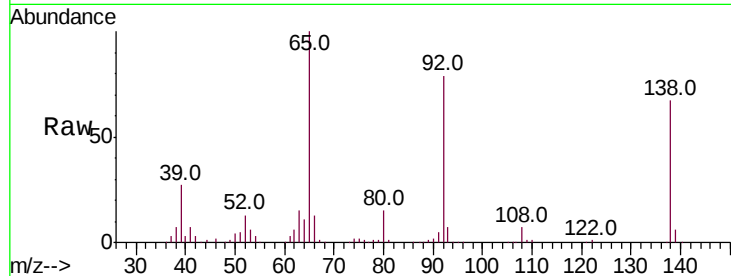




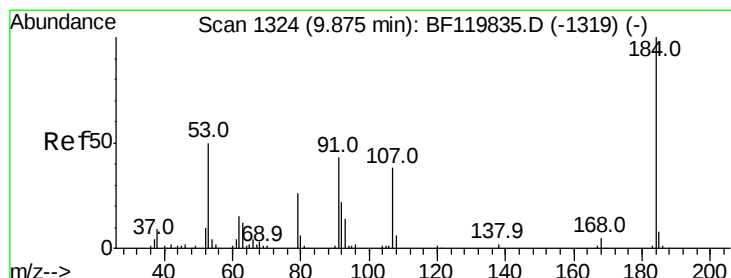
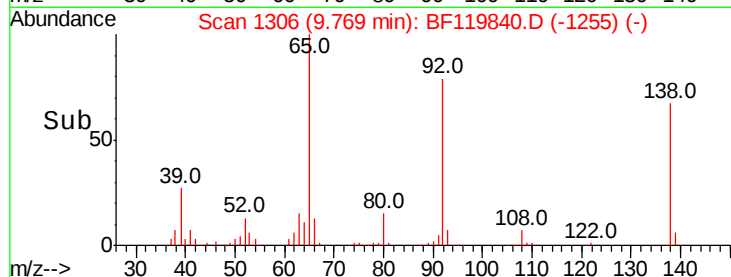
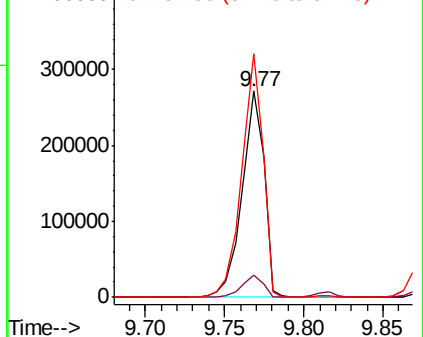
#53
3-Nitroaniline
Concen: 37.014 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 260970
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 118.1 92.1 138.1

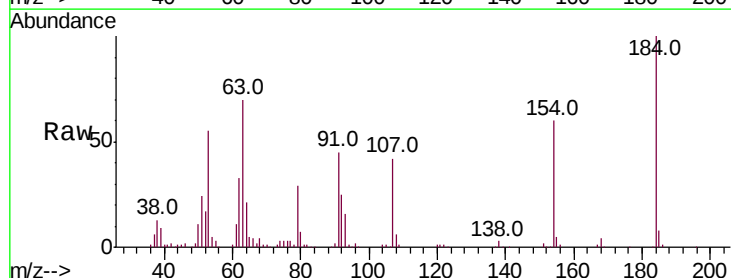


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

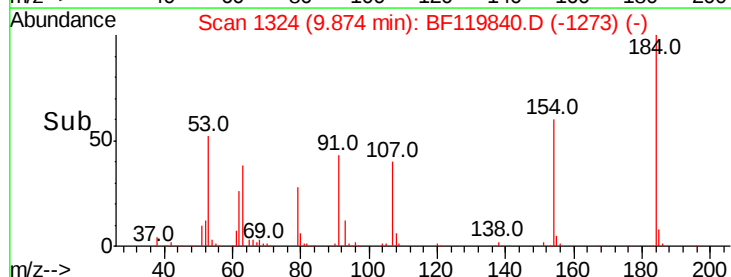
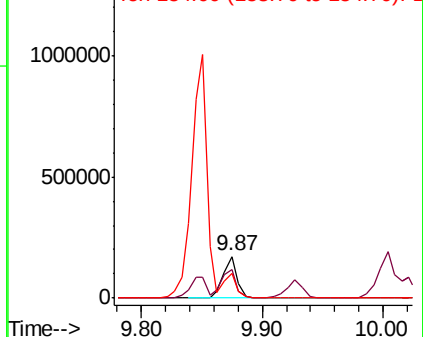


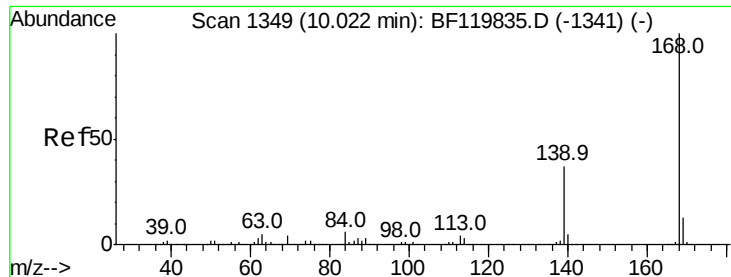
#54
2,4-Dinitrophenol
Concen: 38.140 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:184 Resp: 140965
Ion Ratio Lower Upper
184 100
63 69.5 49.8 74.6
154 60.1 46.5 69.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.396 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

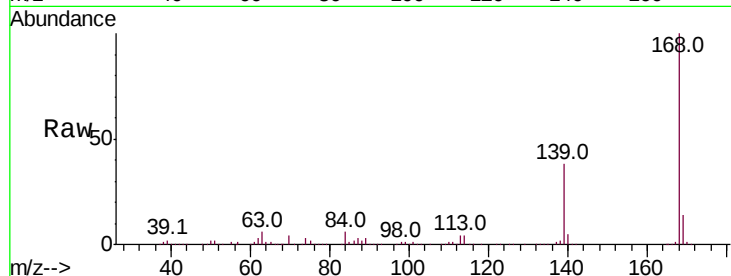
Tot Ion:168 Resp: 1332701

Ion Ratio Lower Upper

168 100

139 37.6 29.8 44.6

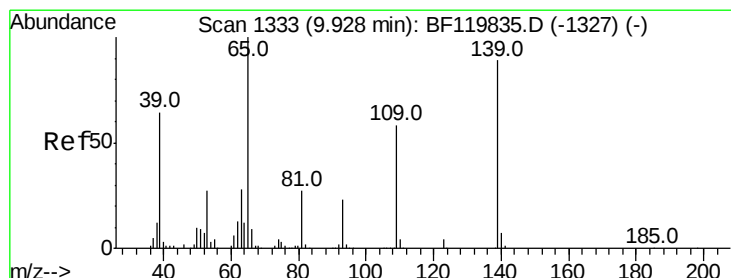
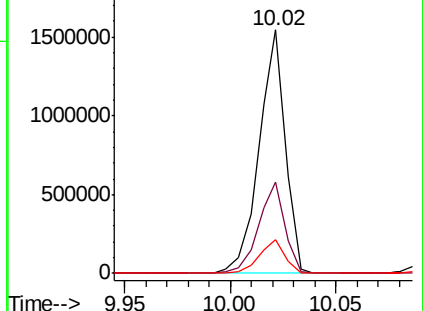
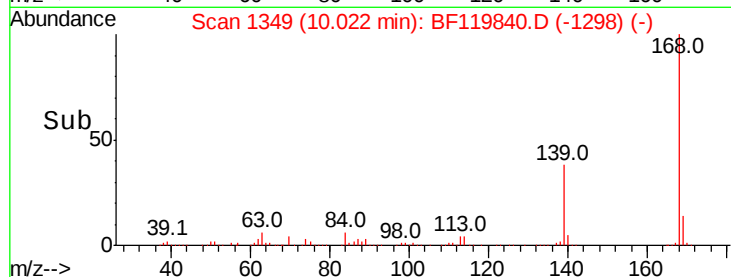
169 13.7 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.724 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

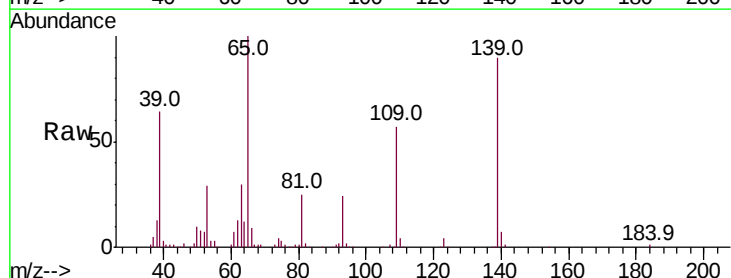
Tgt Ion:139 Resp: 213640

Ion Ratio Lower Upper

139 100

109 63.2 45.5 85.5

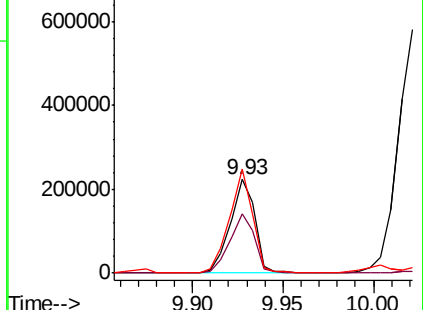
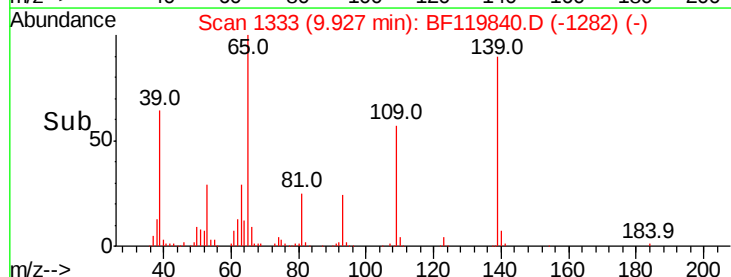
65 111.4 92.3 132.3

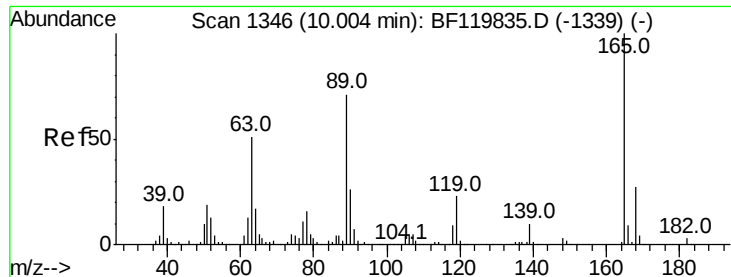


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

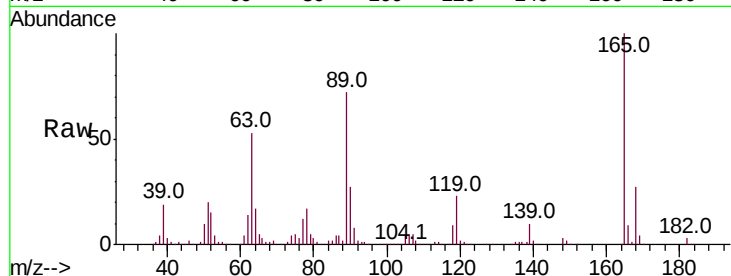




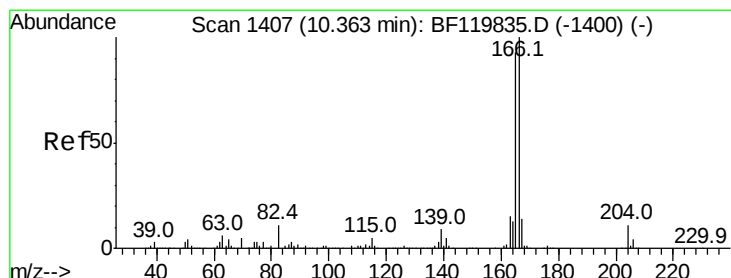
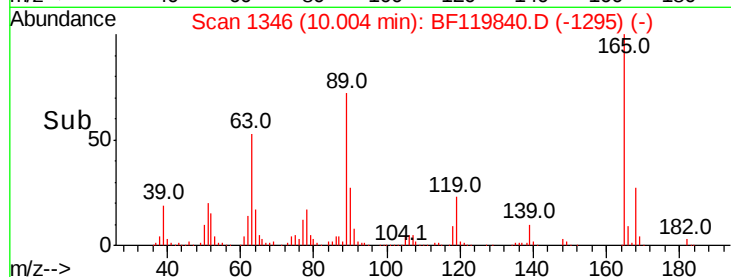
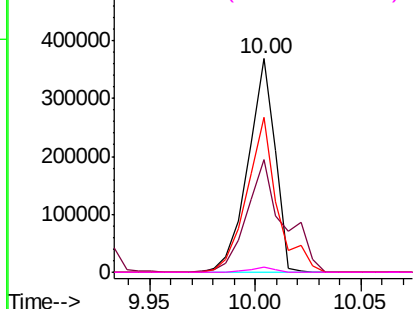
#57
2,4-Dinitrotoluene
Concen: 40.500 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 329403
Ion Ratio Lower Upper
165 100
63 52.6 40.8 61.2
89 72.3 56.9 85.3
182 2.6 2.0 3.0

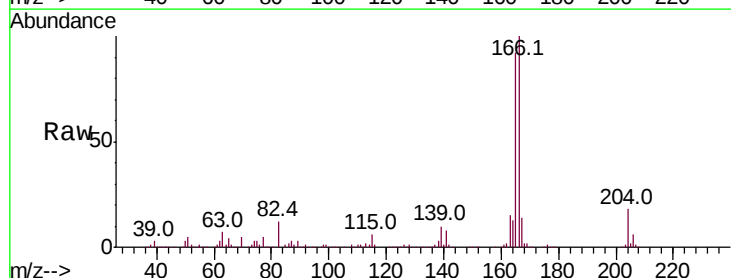


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

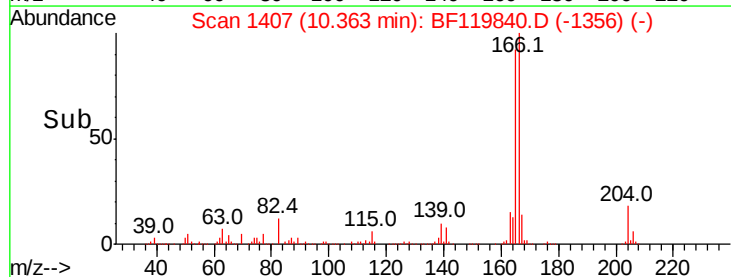
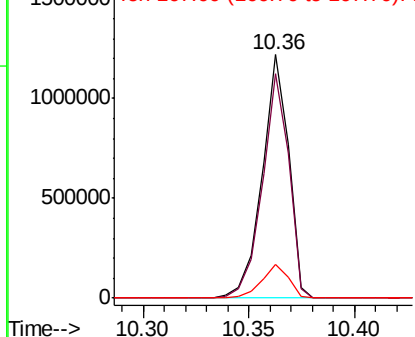


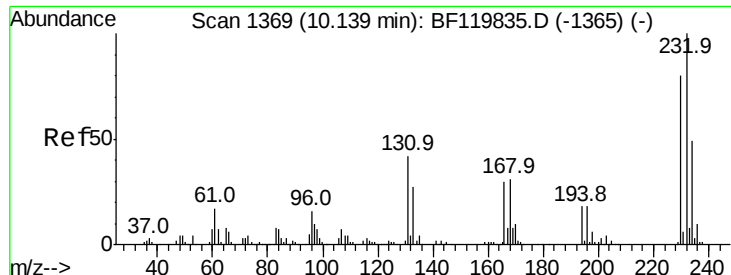
#58
Fluorene
Concen: 40.284 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:166 Resp: 1062866
Ion Ratio Lower Upper
166 100
165 92.4 74.2 111.2
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

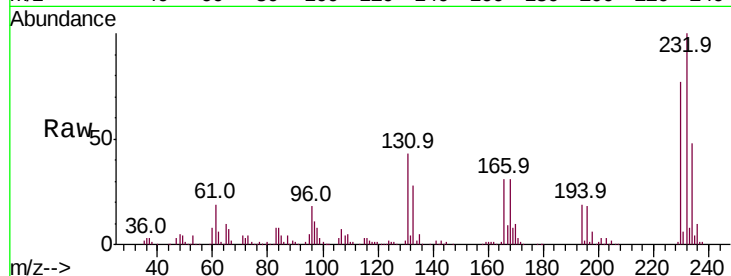




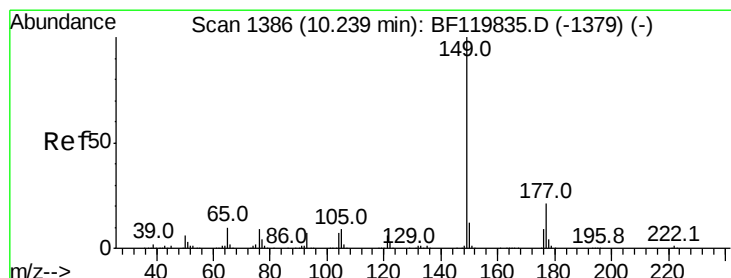
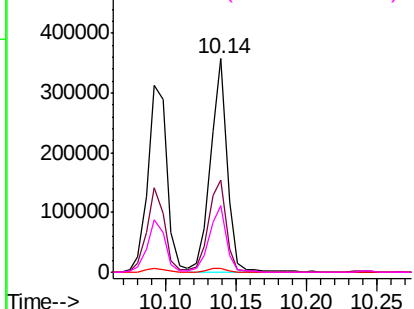
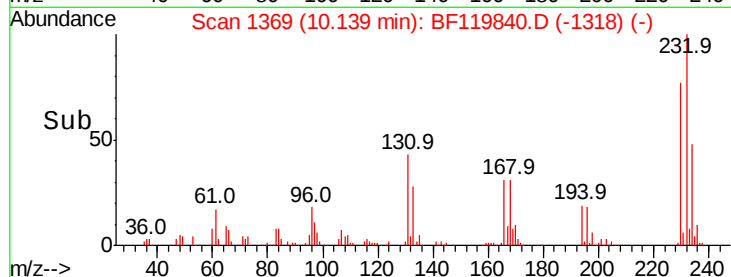
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.836 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 293317
 Ion Ratio Lower Upper
 232 100
 131 45.6 37.9 56.9
 130 2.2 1.8 2.6
 166 31.5 25.4 38.0

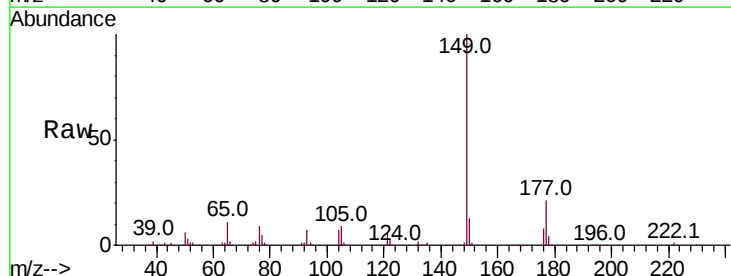


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

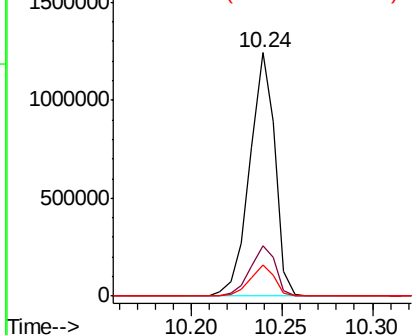
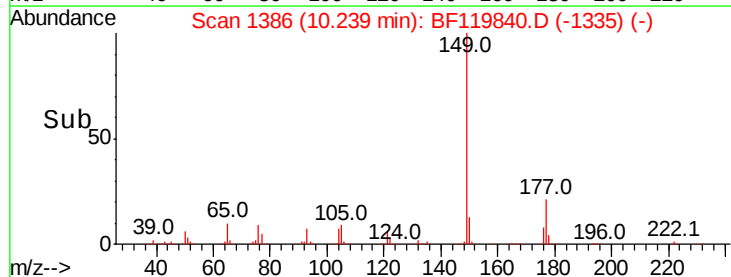


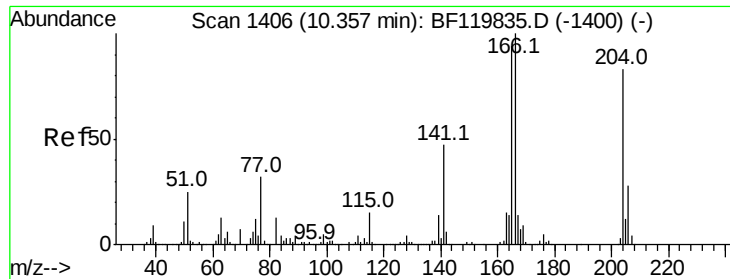
#60
 Diethylphthalate
 Concen: 40.980 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:149 Resp: 1197349
 Ion Ratio Lower Upper
 149 100
 177 20.8 16.8 25.2
 150 12.6 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

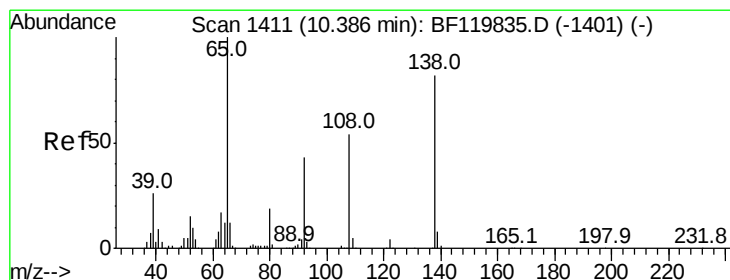
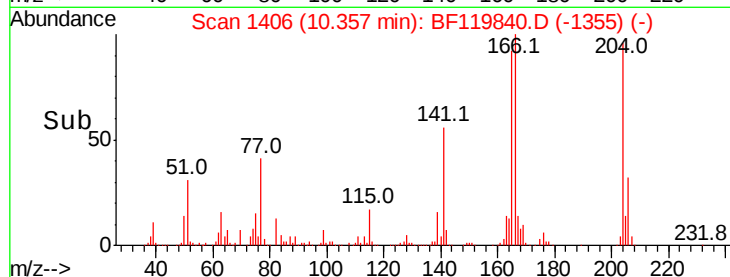
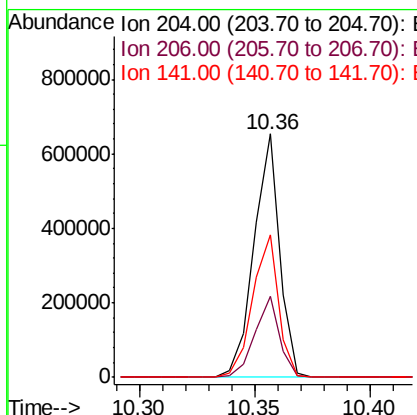
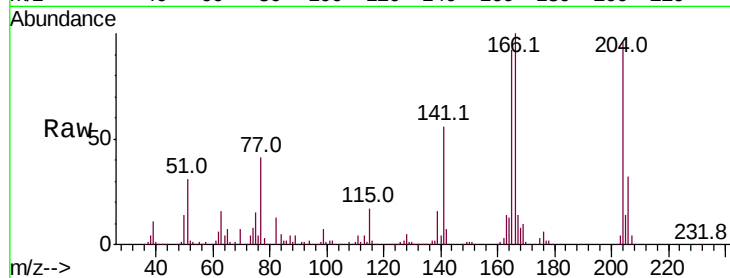




#61
 4-Chlorophenyl-phenylether
 Concen: 37.518 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

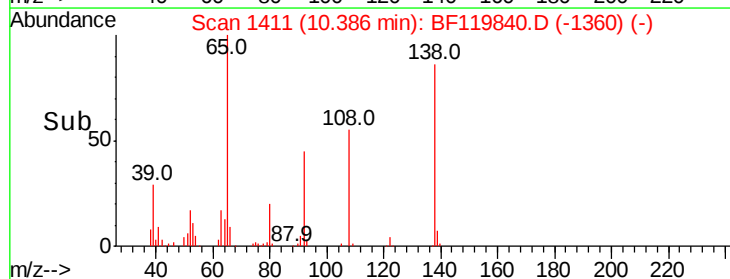
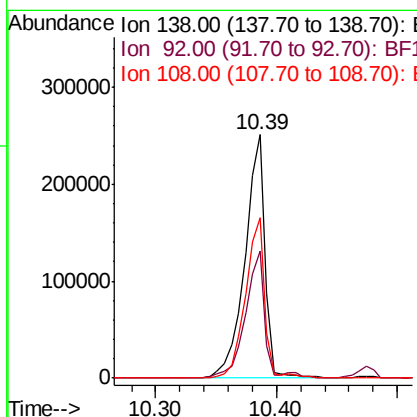
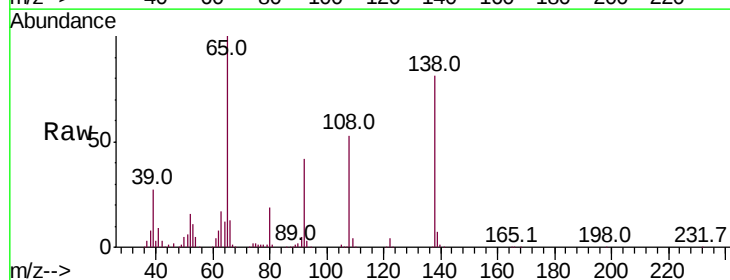
Instrument :
 BNA_F
 ClientSampleId :

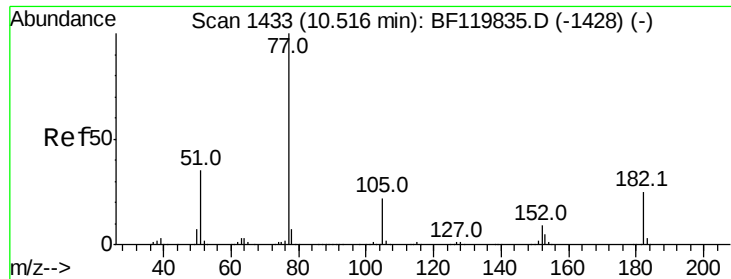
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	58.6	45.8	68.8



#62
 4-Nitroaniline
 Concen: 43.332 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.6	71.6
108	65.8	45.2	85.2

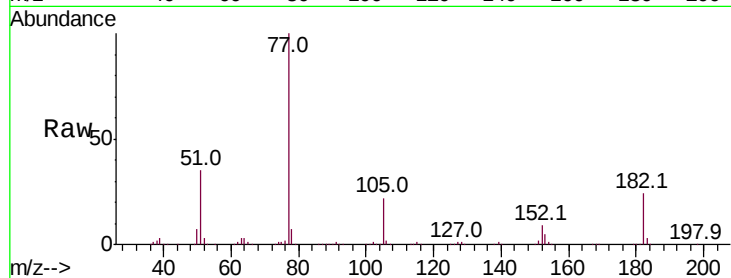




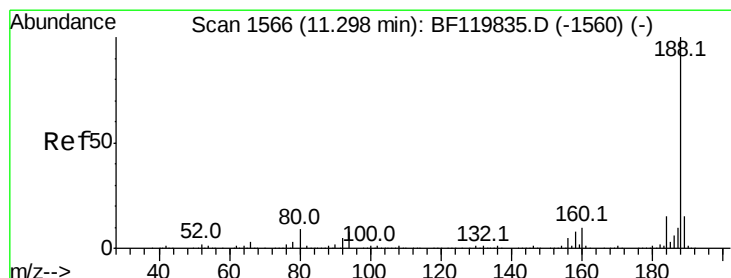
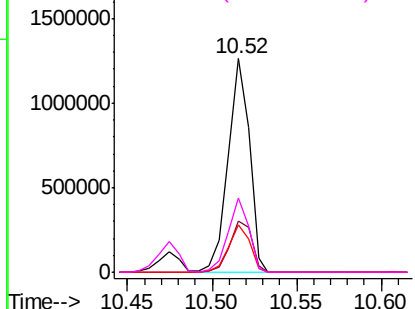
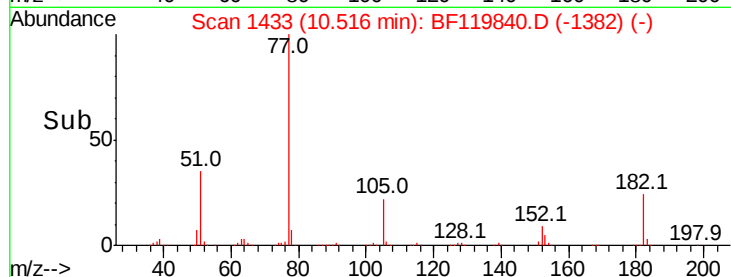
#63
Azobenzene
Concen: 42.067 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1101523
Ion Ratio Lower Upper
77 100
182 24.1 4.5 44.5
105 22.3 2.2 42.2
51 34.9 15.1 55.1

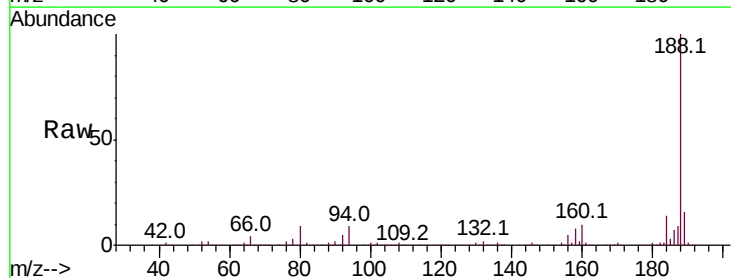


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

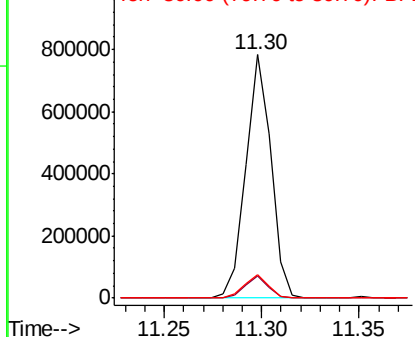
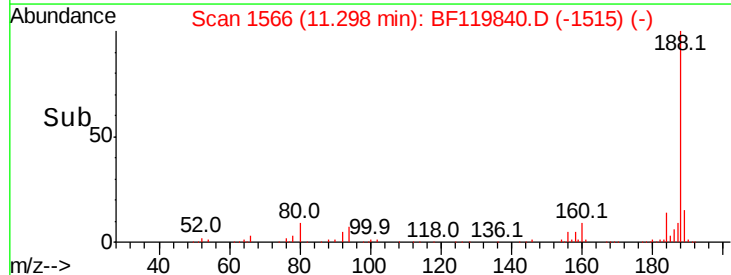


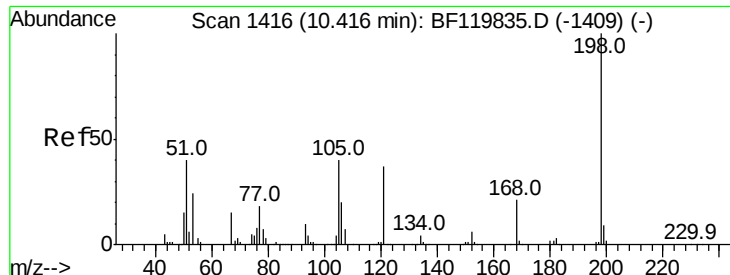
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion: 188 Resp: 698592
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.4 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.674 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampled :

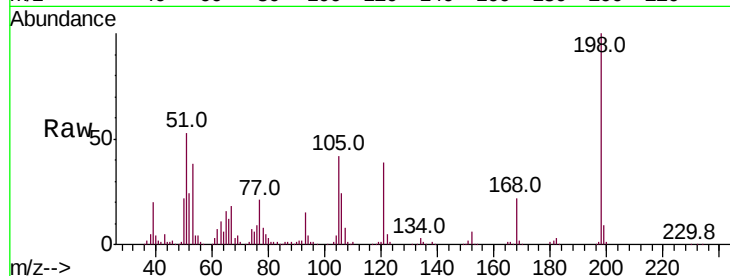
Tot Ion:198 Resp: 191802

Ion Ratio Lower Upper

198 100

51 52.9 25.2 65.2

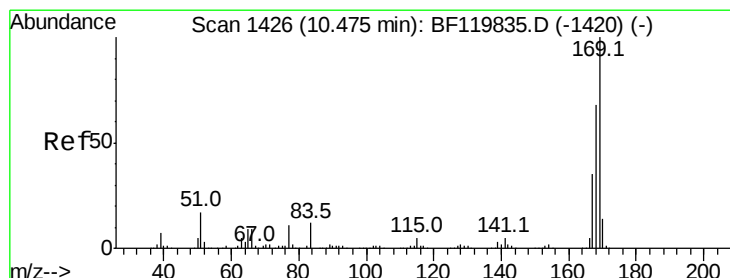
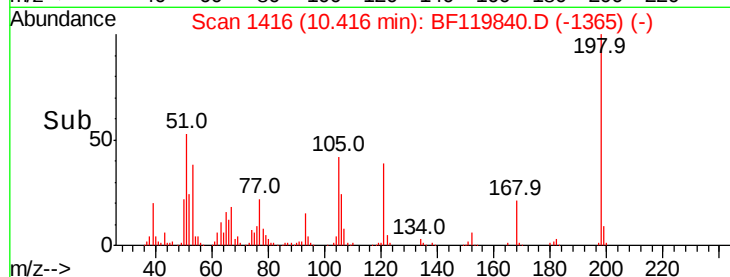
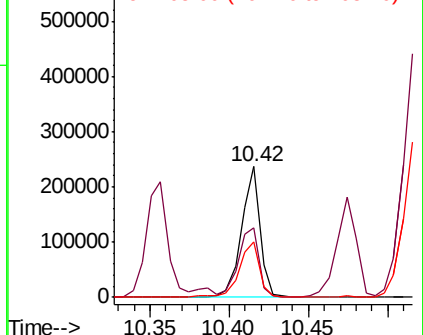
105 42.0 20.8 60.8



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: 41.524 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

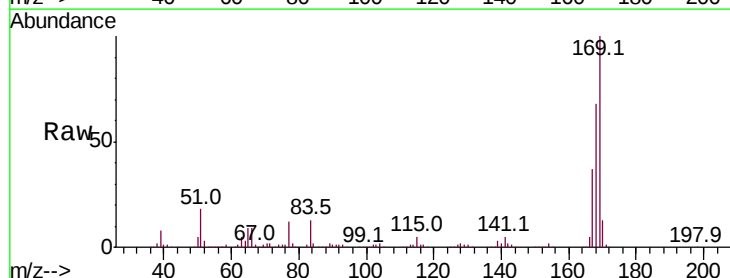
Tgt Ion:169 Resp: 964738

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

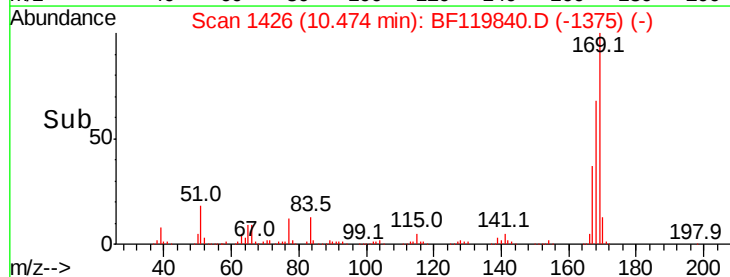
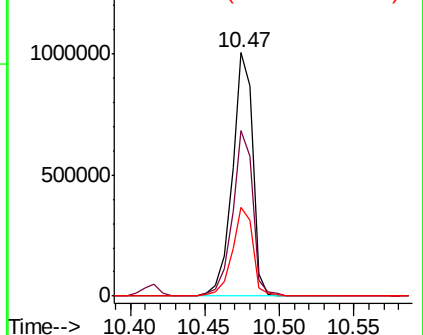
167 36.6 28.3 42.5

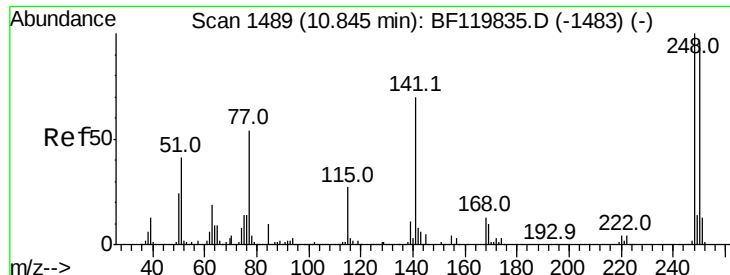


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

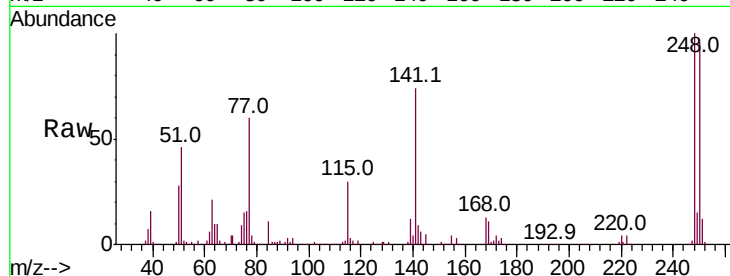




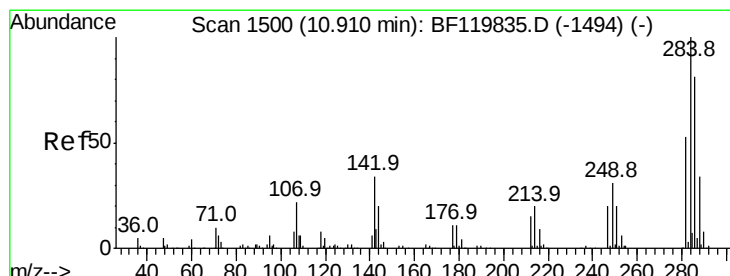
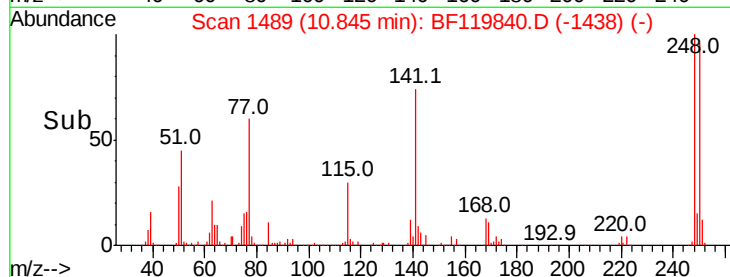
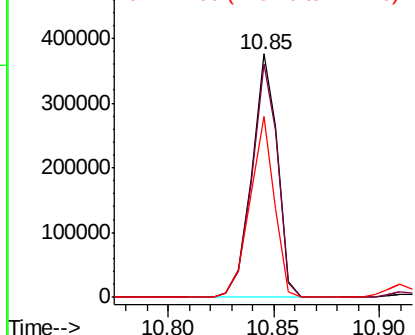
#67
 4-Bromophenyl-phenylether
 Concen: 36.443 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 316602
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.6 114.8
 141 74.2 55.9 83.9

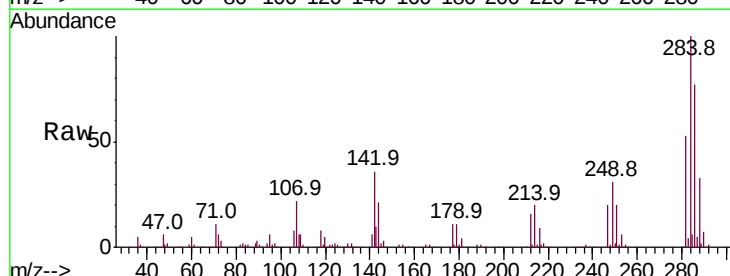


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

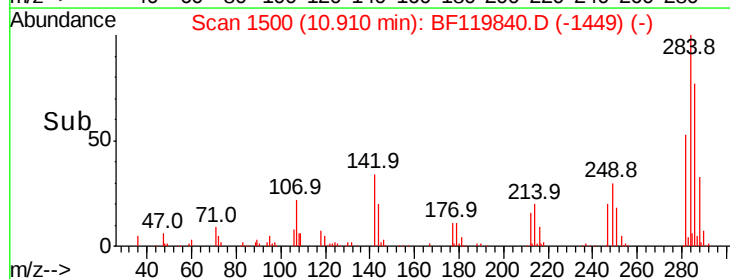
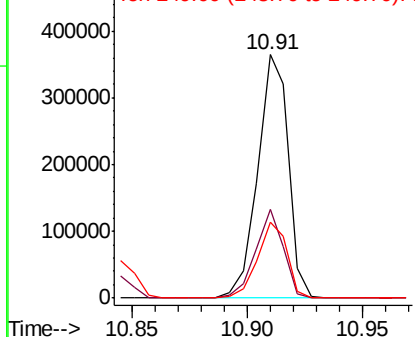


#68
 Hexachlorobenzene
 Concen: 38.141 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:284 Resp: 336150
 Ion Ratio Lower Upper
 284 100
 142 36.3 26.9 40.3
 249 31.1 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

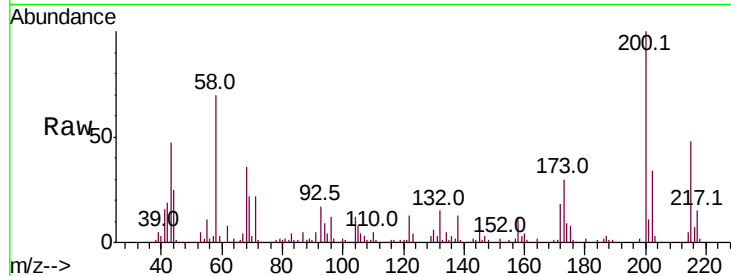




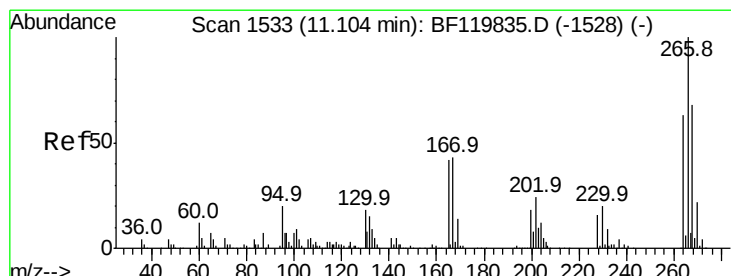
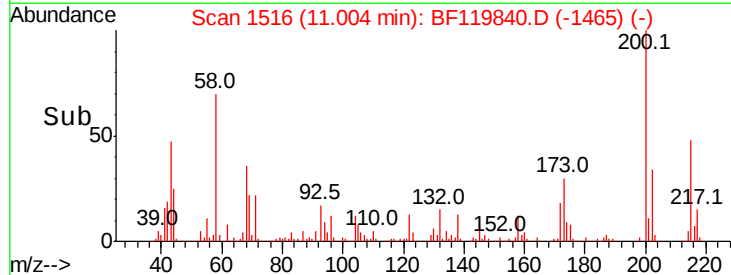
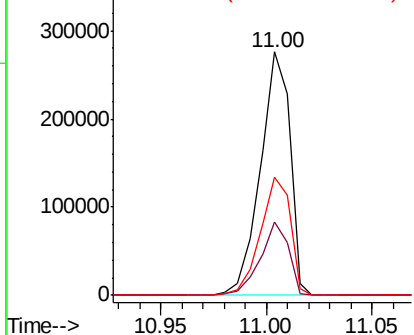
#69
Atrazine
Concen: 41.844 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 270488
Ion Ratio Lower Upper
200 100
173 30.3 8.0 48.0
215 48.5 27.1 67.1

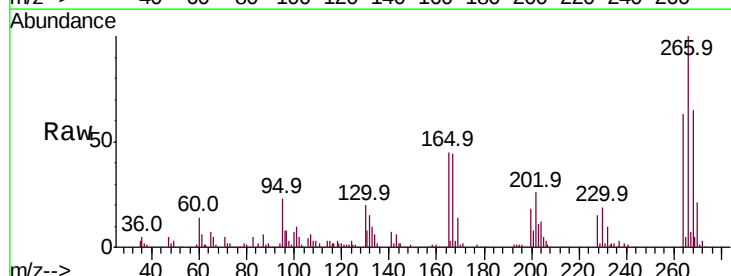


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

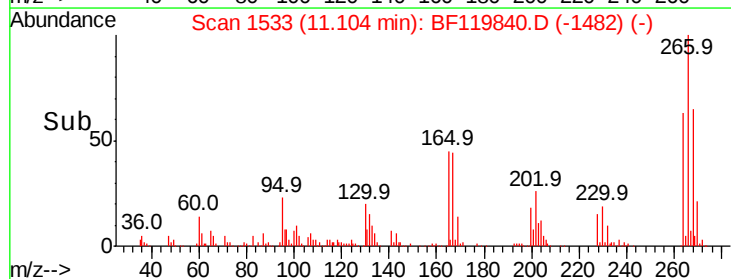
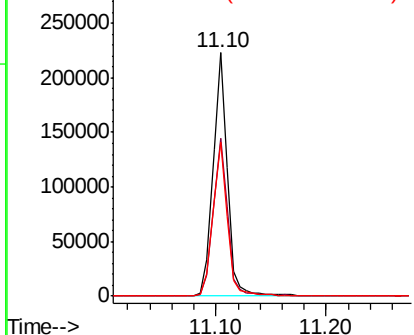


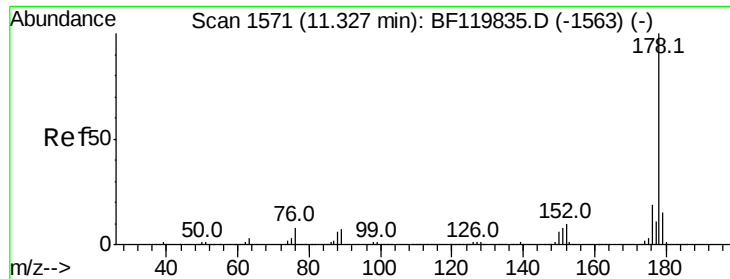
#70
Pentachlorophenol
Concen: 39.253 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:266 Resp: 199362
Ion Ratio Lower Upper
266 100
268 65.0 54.2 81.4
264 63.3 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

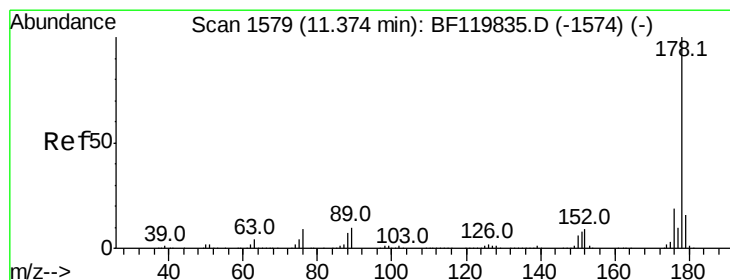
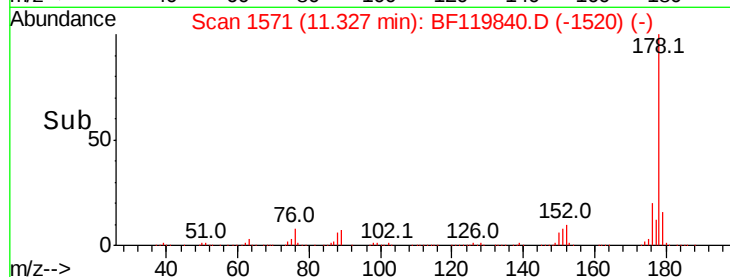
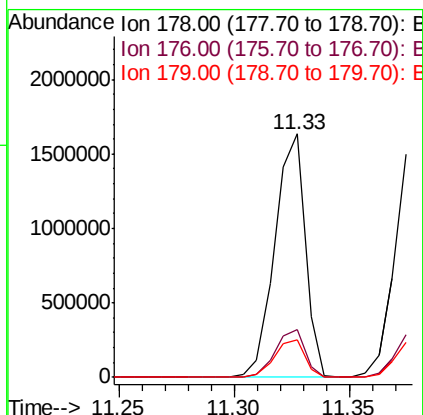
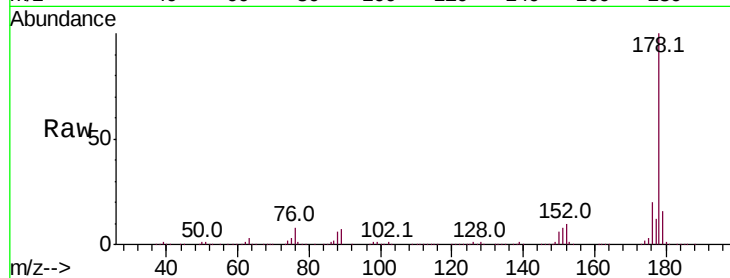




#71
Phenanthrene
Concen: 40.209 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

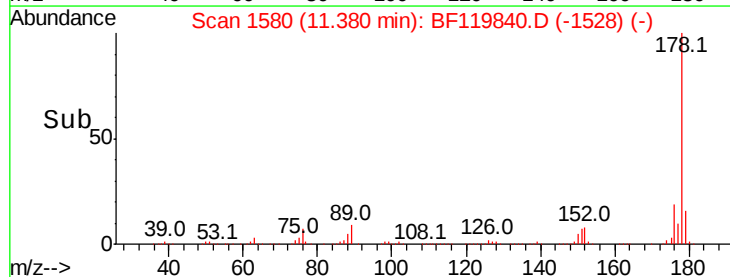
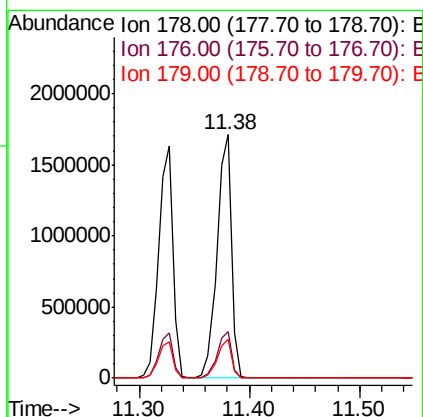
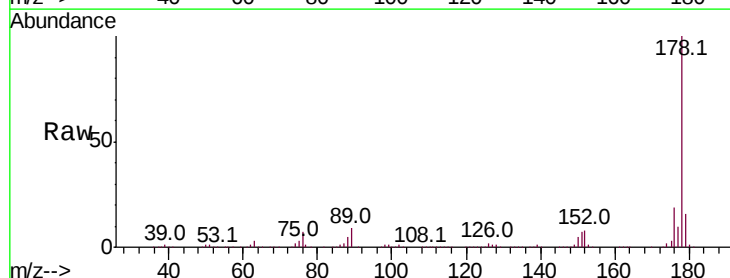
Instrument :
BNA_F
ClientSampleId :

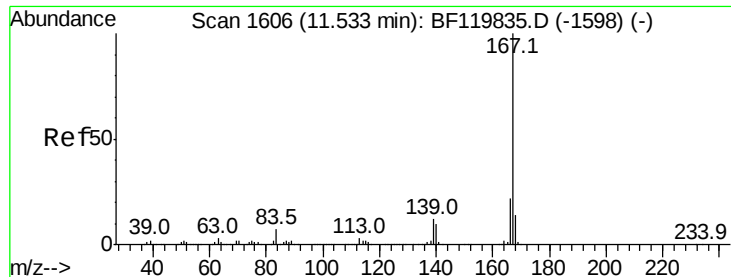
Tot Ion:178 Resp: 1494971
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.5 12.2 18.4



#72
Anthracene
Concen: 40.884 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:178 Resp: 1552834
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.8 19.2



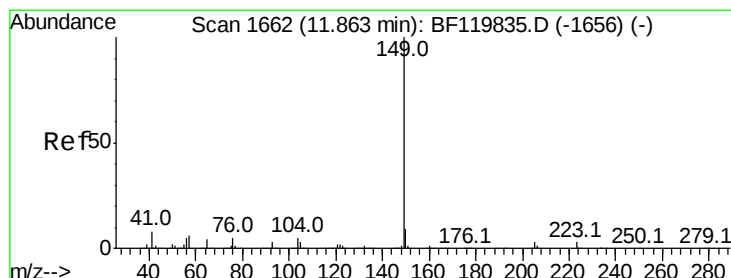
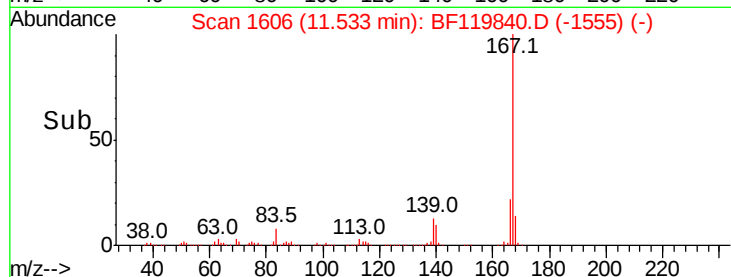
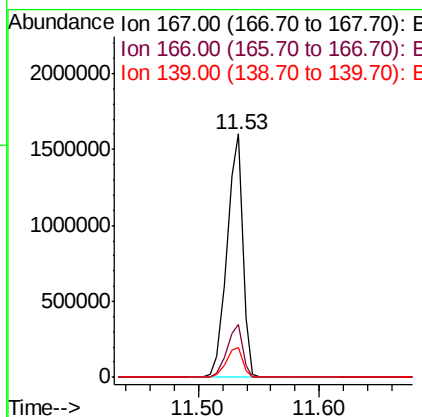
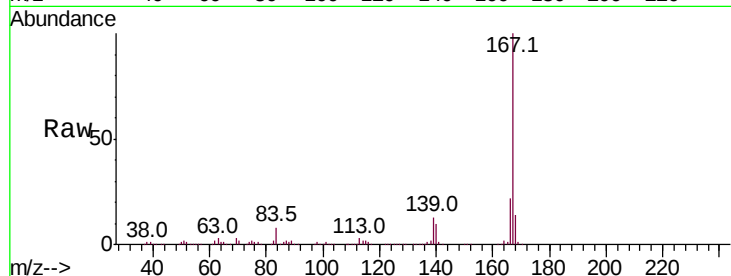


#73
 Carbazole
 Concen: 40.453 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1452998

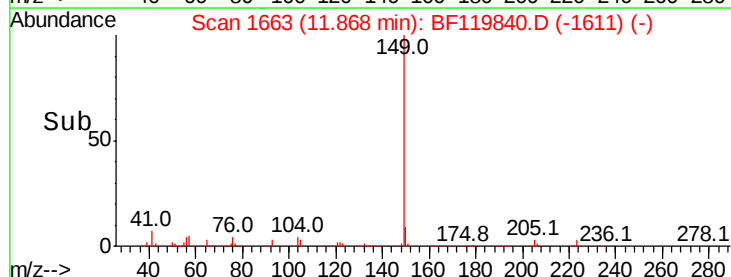
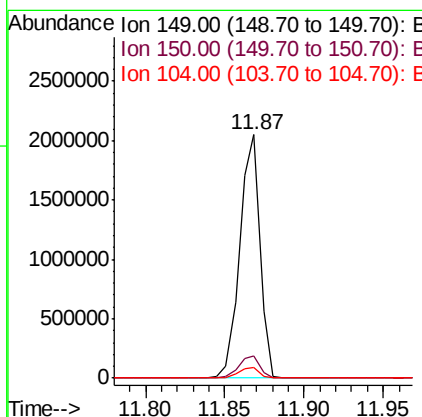
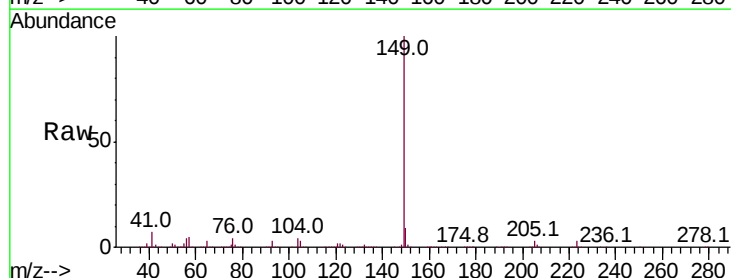
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.5	9.8	14.8

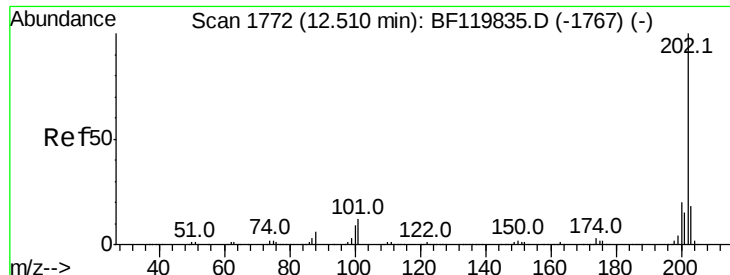


#74
 Di-n-butylphthalate
 Concen: 38.205 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:149 Resp: 1803926

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.5	3.8	5.6

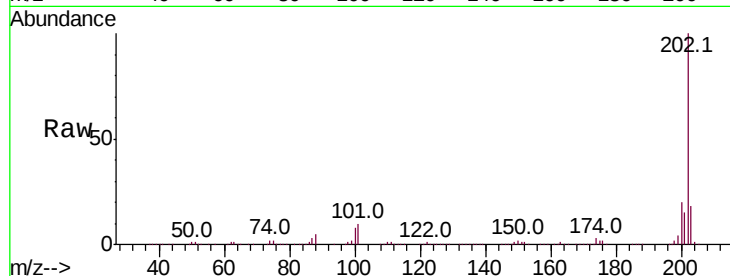




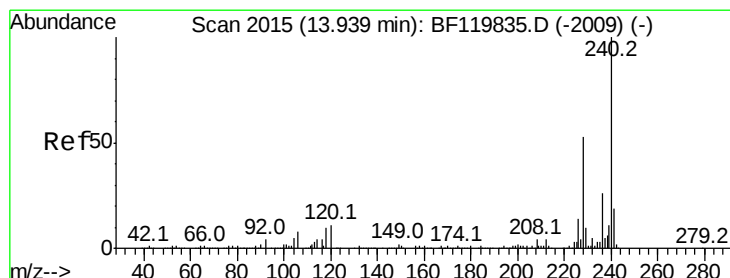
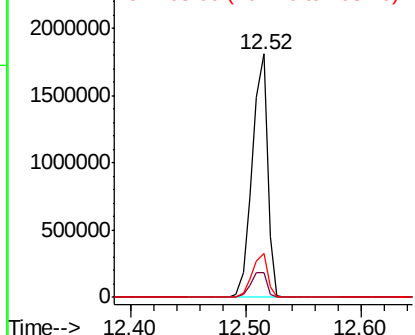
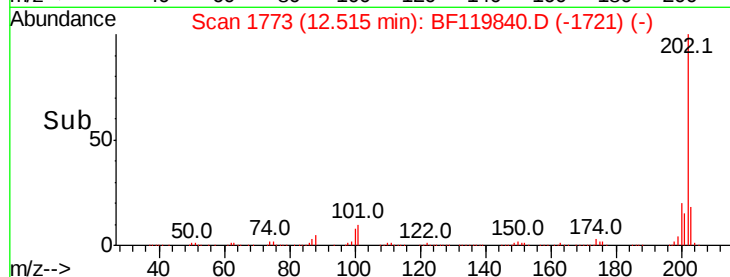
#75
 Fluoranthene
 Concen: 41.602 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1668934
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 32.3
 203 18.1 0.0 37.6

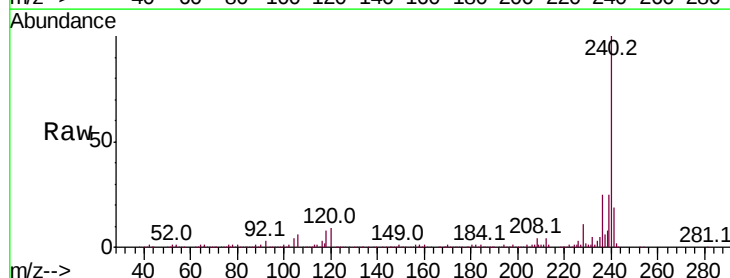


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

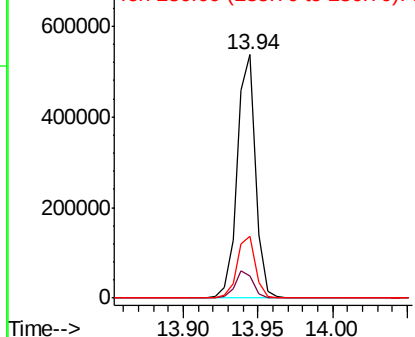
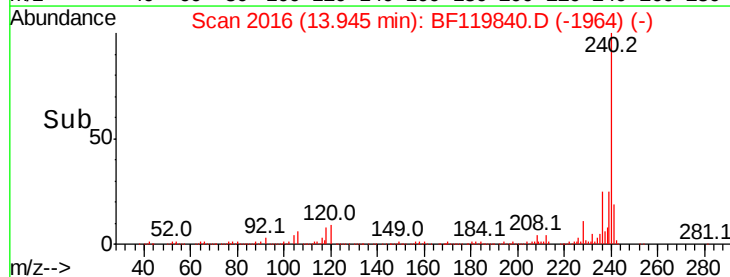


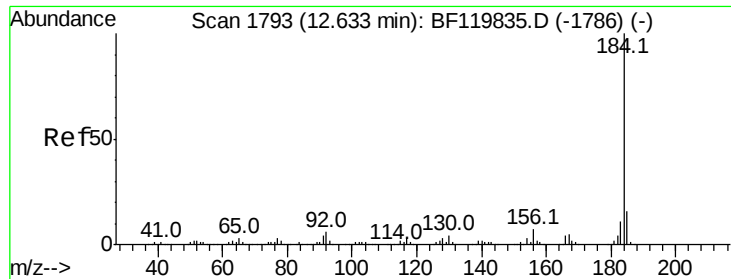
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119840.D
 Acq: 8 Apr 2020 22:56

Tgt Ion:240 Resp: 462794
 Ion Ratio Lower Upper
 240 100
 120 9.2 9.0 13.6
 236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 600000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.103 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

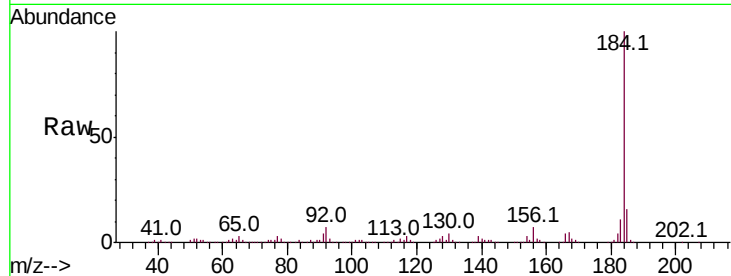
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 611716

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.2	19.8
183	11.3	9.1	13.7

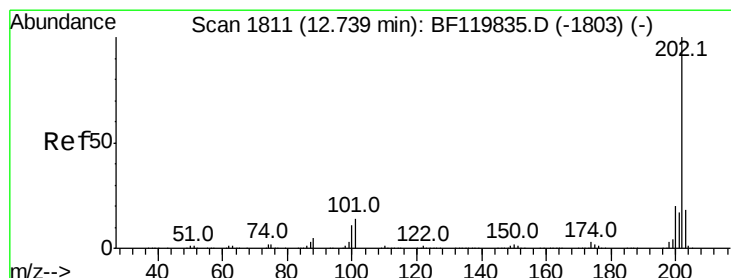
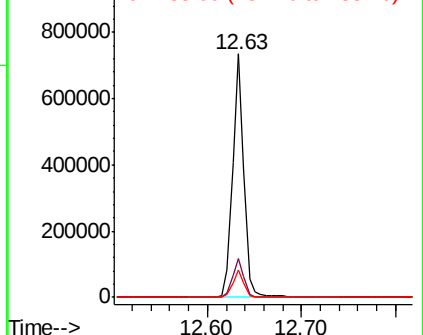
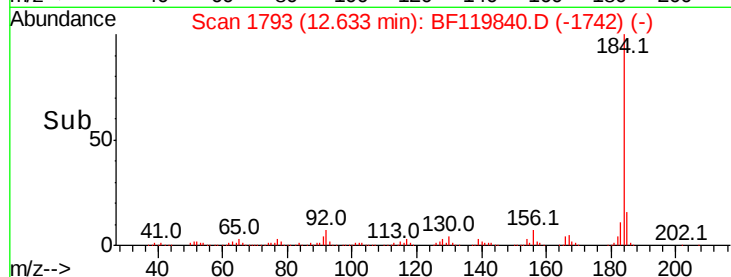


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.054 ng

RT: 12.74 min Scan# 1812

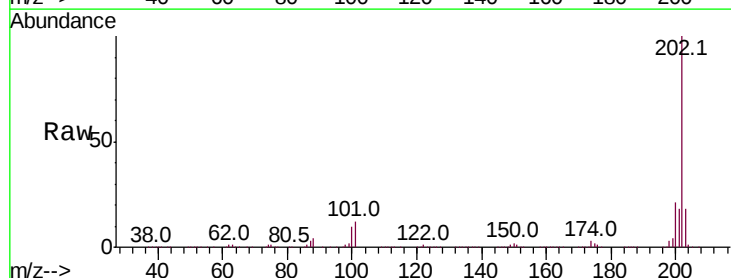
Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Tgt Ion:202 Resp: 1679735

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	17.8	14.1	21.1

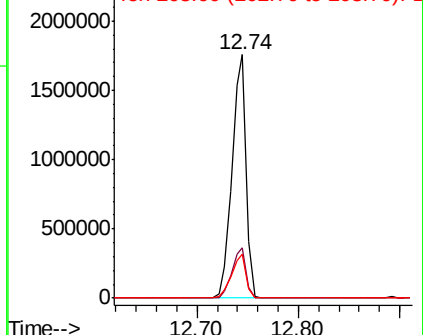
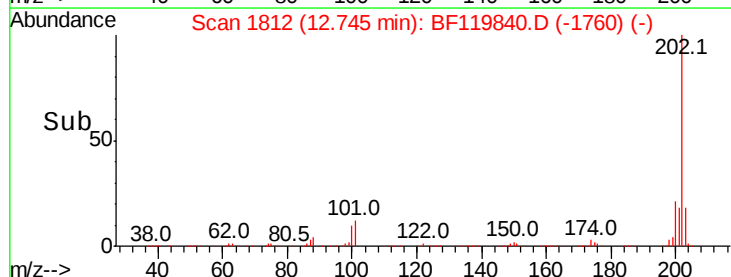


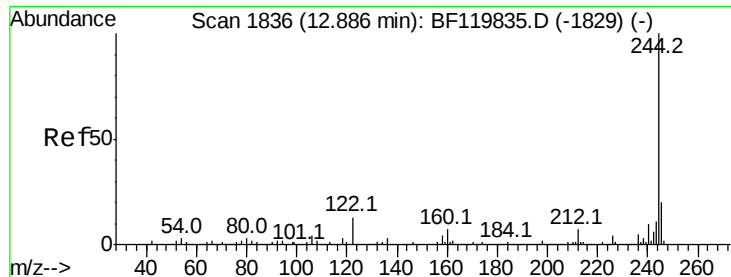
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.539 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

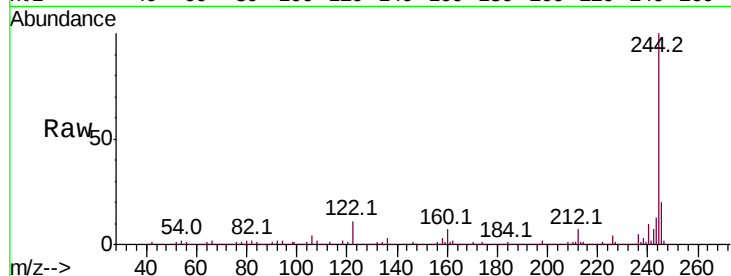
Tot Ion:244 Resp: 2242621

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

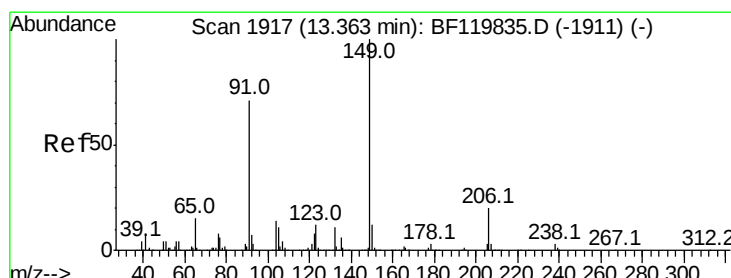
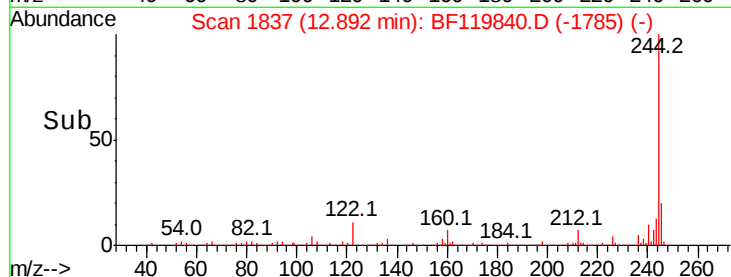
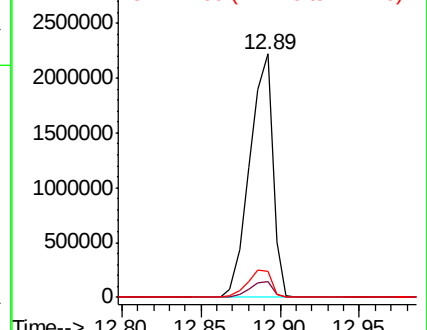
122 10.9 10.3 15.5



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: 40.821 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

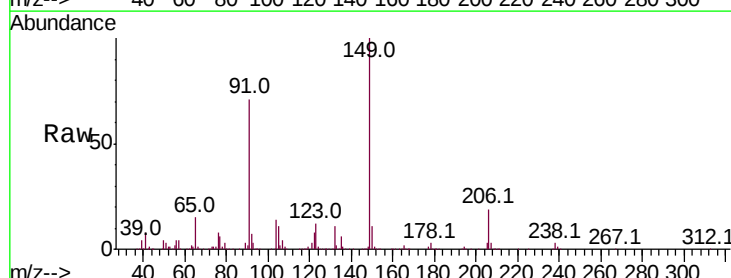
Tgt Ion:149 Resp: 772787

Ion Ratio Lower Upper

149 100

91 71.0 56.7 85.1

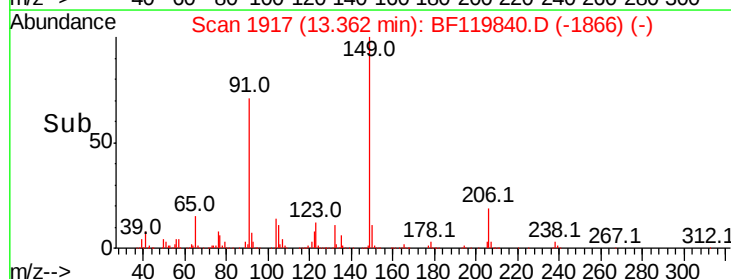
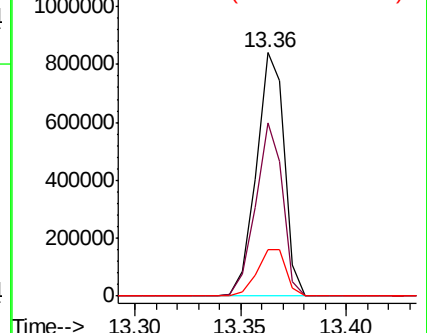
206 19.1 15.7 23.5



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: 39.976 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

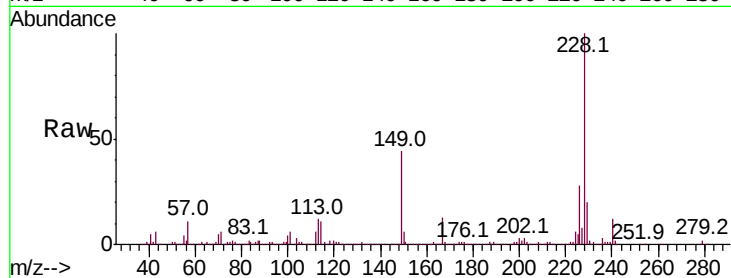
Tot Ion:228 Resp: 1217090

Ion Ratio Lower Upper

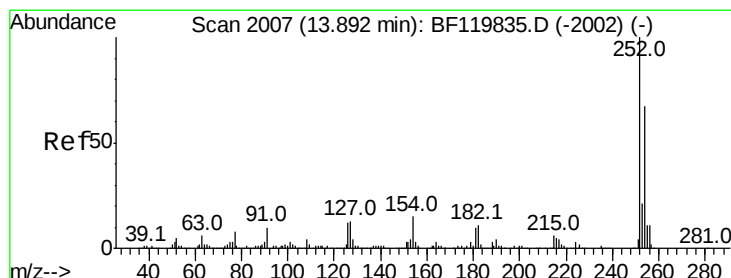
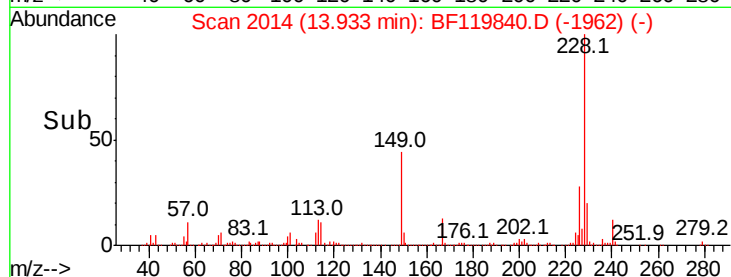
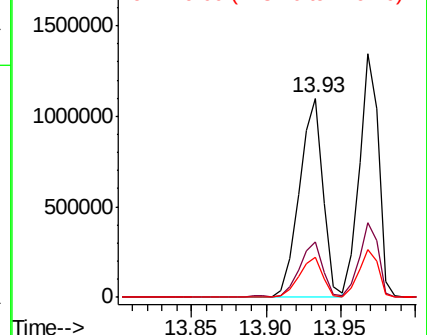
228 100

226 27.6 21.9 32.9

229 19.9 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



#82

3,3'-Dichlorobenzidine

Concen: 40.893 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

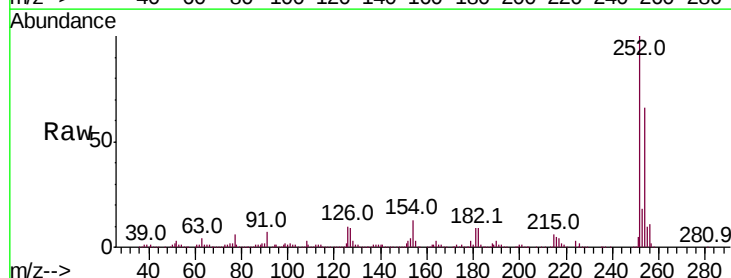
Tgt Ion:252 Resp: 464540

Ion Ratio Lower Upper

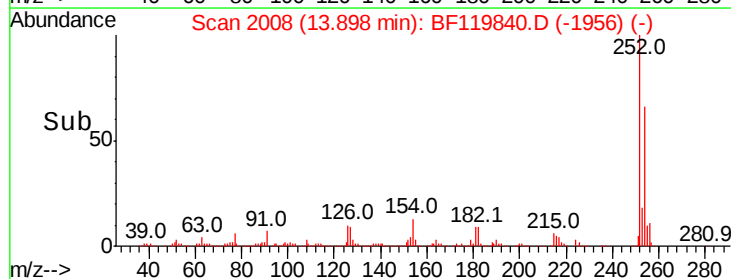
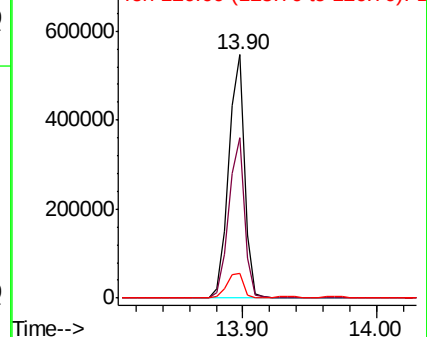
252 100

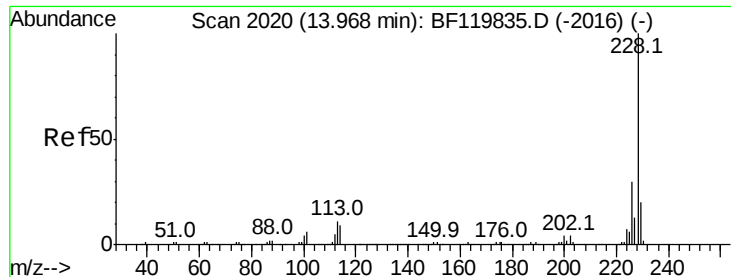
254 66.0 53.9 80.9

126 9.9 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





#83

Chrysene

Concen: 39.595 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

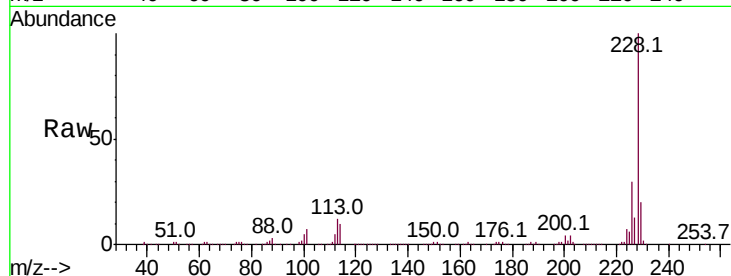
Tot Ion:228 Resp: 1224893

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

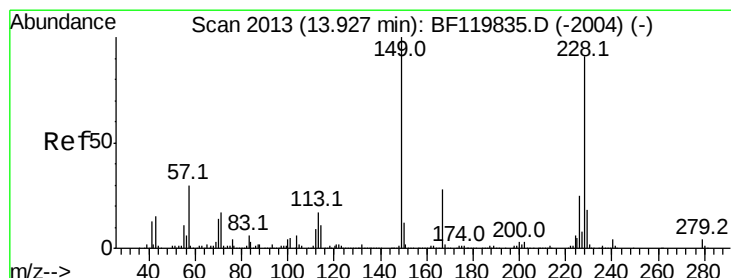
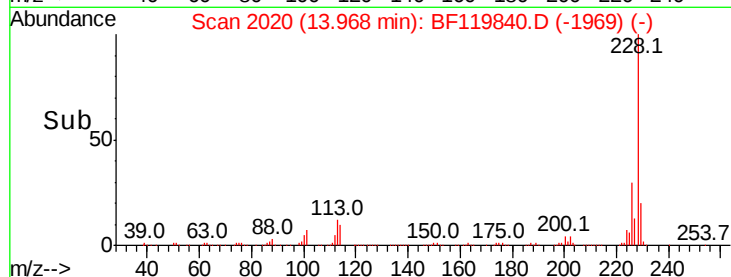
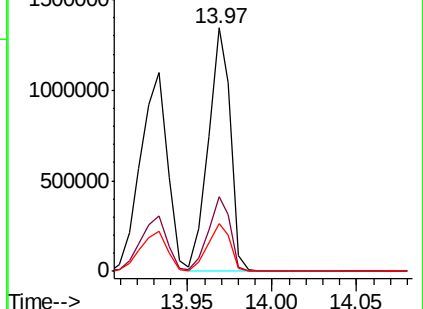
229 19.8 15.9 23.9



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: 40.178 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

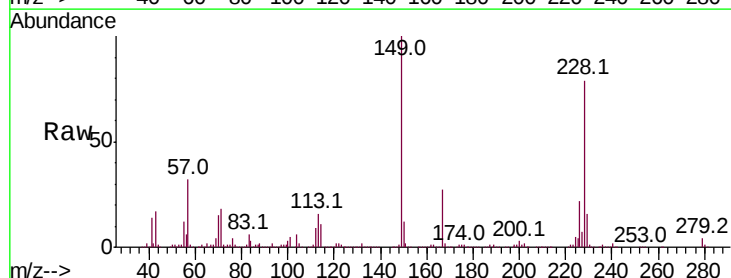
Tgt Ion:149 Resp: 1030038

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

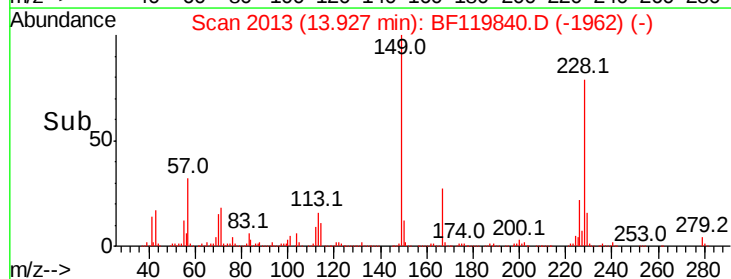
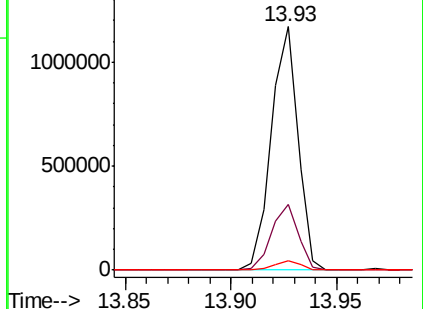
279 4.0 3.4 5.0

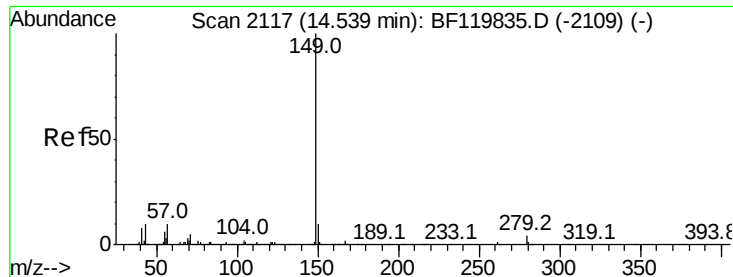


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.089 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

Instrument :

BNA_F

ClientSampleId :

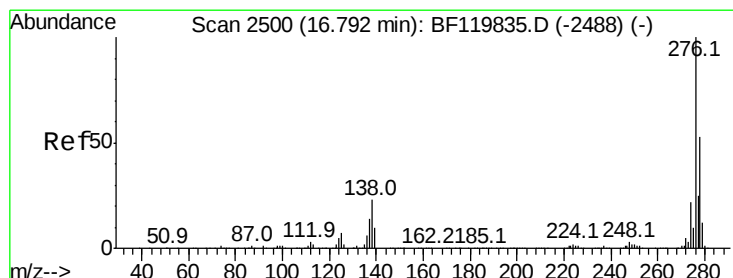
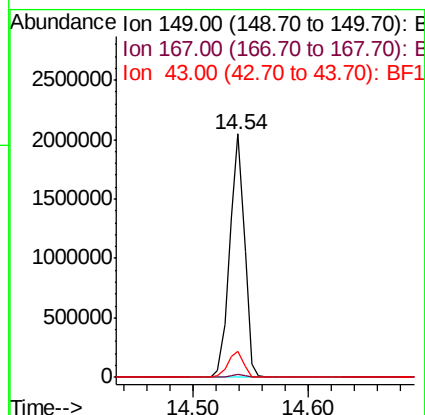
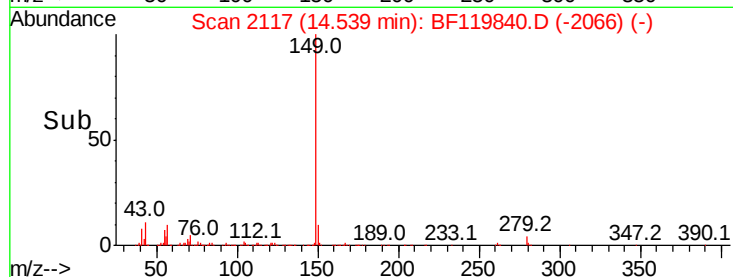
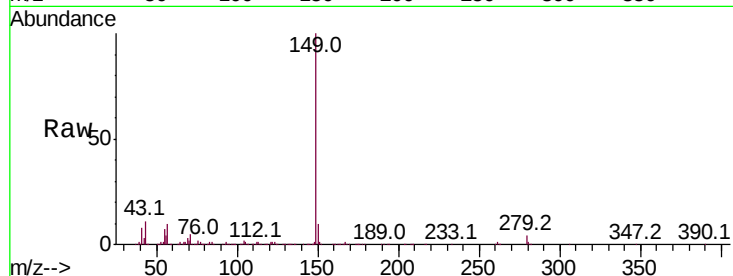
Tot Ion:149 Resp: 1793580

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.3 9.2 13.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.633 ng

RT: 16.80 min Scan# 2501

Delta R.T. 0.01 min

Lab File: BF119840.D

Acq: 8 Apr 2020 22:56

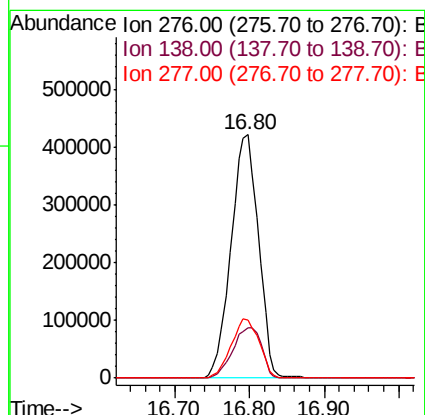
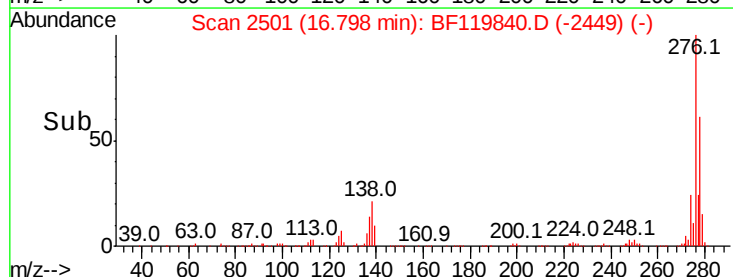
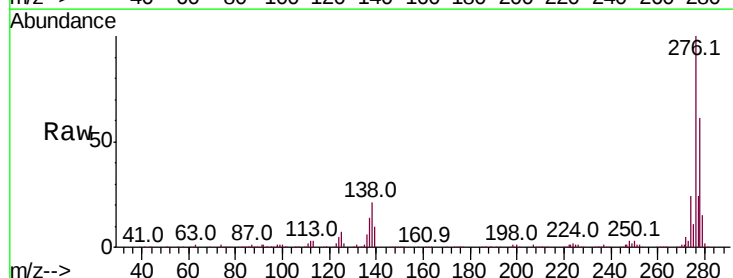
Tgt Ion:276 Resp: 1080765

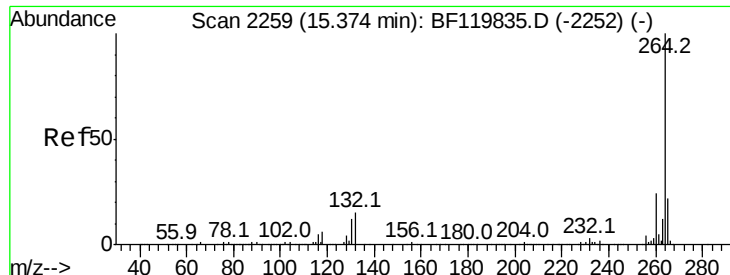
Ion Ratio Lower Upper

276 100

138 22.0 18.0 27.0

277 24.9 20.1 30.1



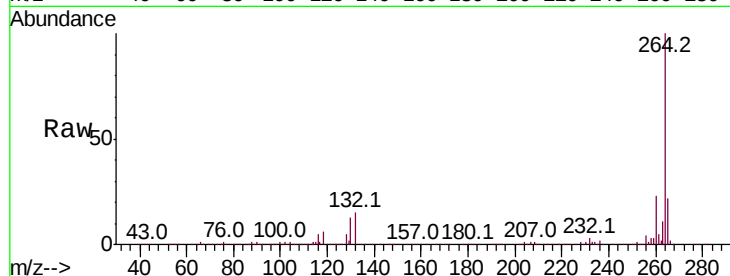


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

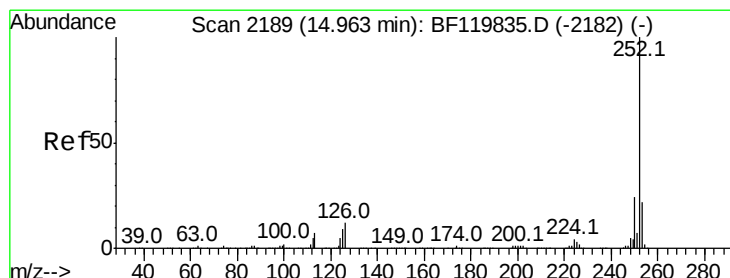
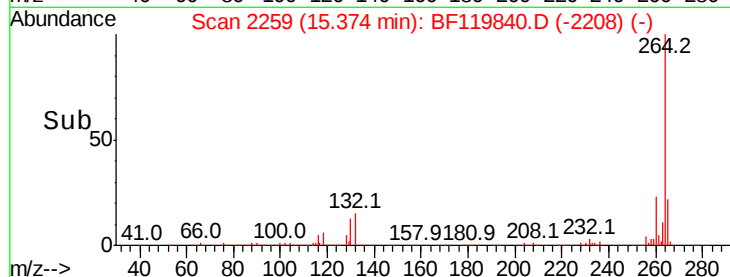
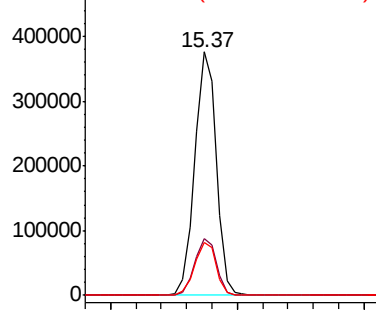
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 441483

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.7	17.6	26.4



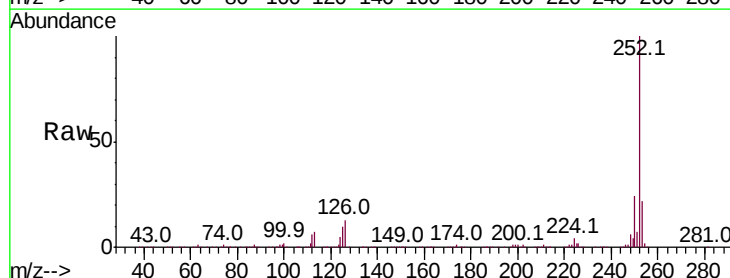
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



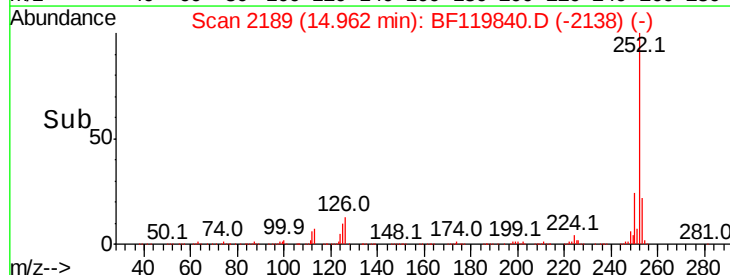
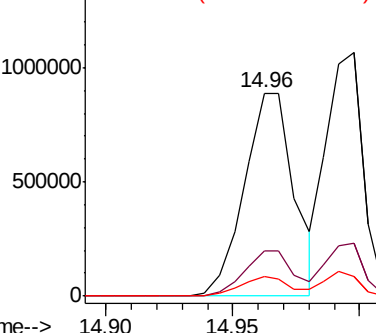
#88
Benzo(b)fluoranthene
Concen: 38.590 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:252 Resp: 1225592

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.7	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

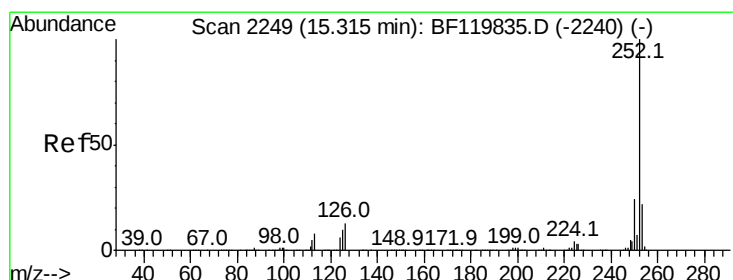
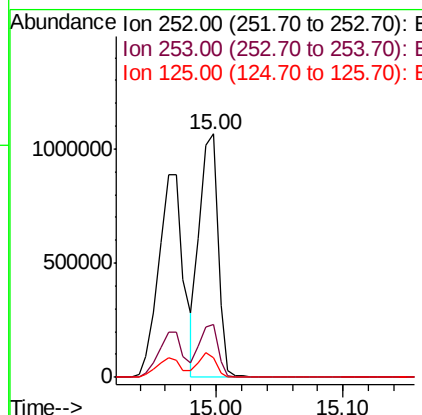
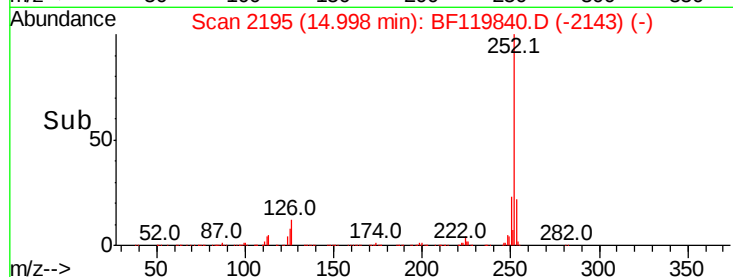
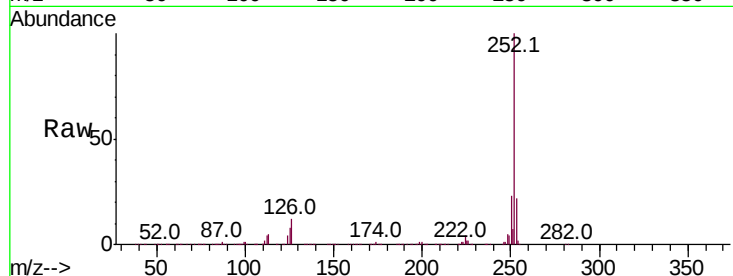




#89
Benzo(k)fluoranthene
Concen: 39.480 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

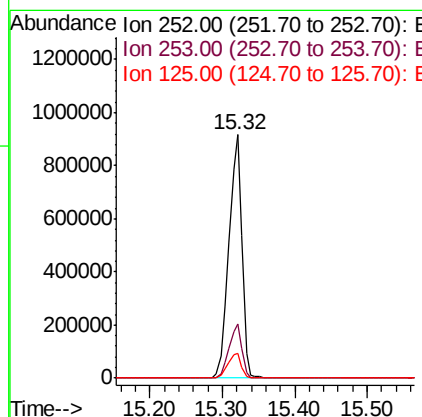
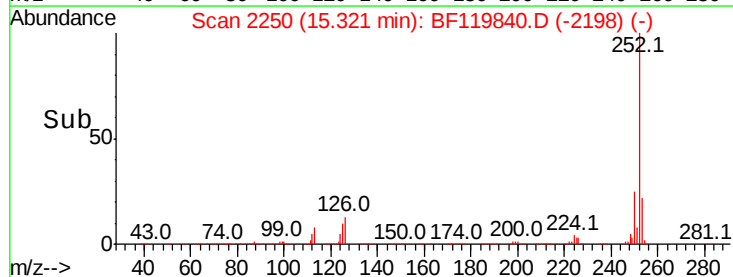
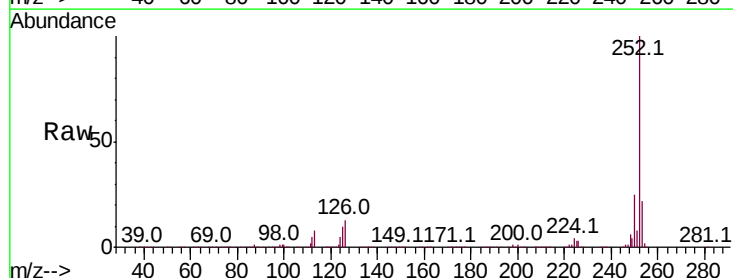
Instrument :
BNA_F
ClientSampleId :

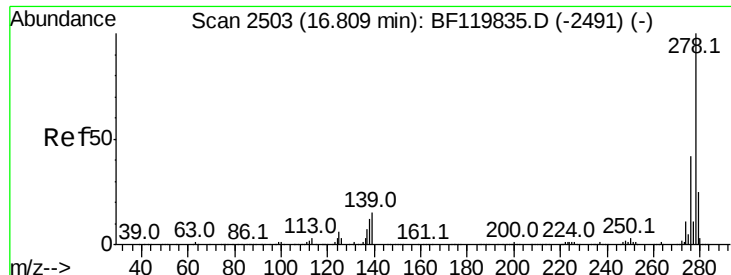
Tot Ion:252 Resp: 1081835
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 8.2 7.7 11.5



#90
Benzo(a)pyrene
Concen: 43.191 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:252 Resp: 1153344
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.2 8.3 12.5

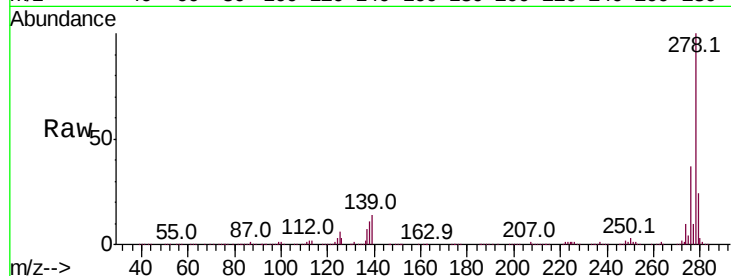




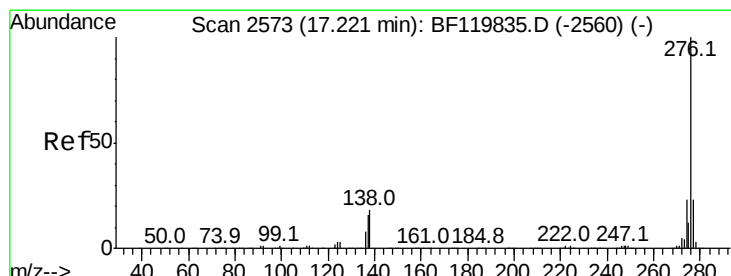
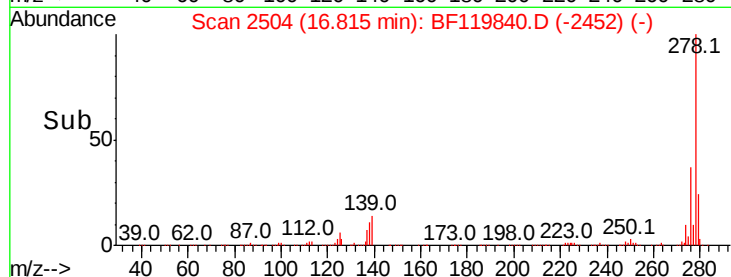
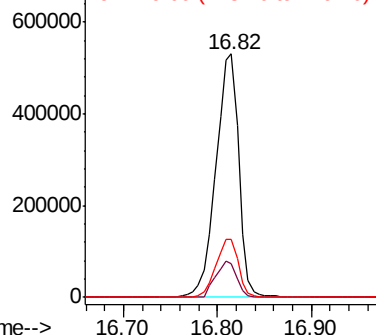
#91
Dibenzo(a,h)anthracene
Concen: 37.780 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 893627
Ion Ratio Lower Upper
278 100
139 13.8 11.6 17.4
279 24.0 19.7 29.5

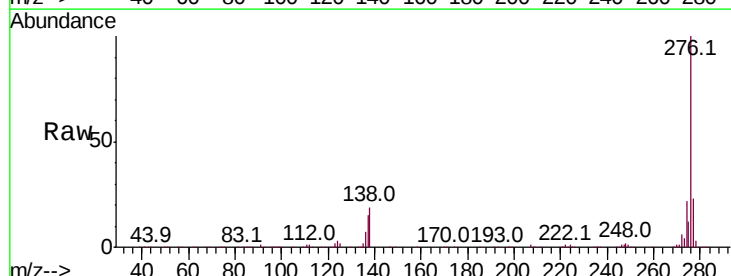


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.229 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF119840.D
Acq: 8 Apr 2020 22:56

Tgt Ion:276 Resp: 869224
Ion Ratio Lower Upper
276 100
277 23.0 18.5 27.7
138 18.7 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

