

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119845.D
 Acq On : 9 Apr 2020 1:11
 Operator : MA/SJ
 Sample : PB128073BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 02:04:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	143453	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	521144	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	276618	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	621758	20.00	ng	0.00
76) Chrysene-d12	13.94	240	464627	20.00	ng	0.00
87) Perylene-d12	15.37	264	428529	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1070254	128.93	ng	0.01
7) Phenol-d6	6.40	99	1334139	124.73	ng	0.00
23) Nitrobenzene-d5	7.33	82	816896	81.09	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	447764	132.21	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1757821	90.22	ng	0.00
79) Terphenyl-d14	12.89	244	2191242	79.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	144134	38.985	ng	97
3) Pyridine	3.25	79	393126	38.755	ng	96
4) n-Nitrosodimethylamine	3.20	42	232447	44.850	ng	98
6) Aniline	6.43	93	432485	30.807	ng	99
8) 2-Chlorophenol	6.55	128	443408	47.808	ng	97
9) Benzaldehyde	6.31	77	175503	26.179	ng	97
10) Phenol	6.42	94	538554	44.382	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	382467	40.821	ng	99
12) 1,3-Dichlorobenzene	6.70	146	443047	43.633	ng	99
13) 1,4-Dichlorobenzene	6.78	146	447273	43.242	ng	99
14) 1,2-Dichlorobenzene	6.94	146	410675	43.082	ng	97
15) Benzyl Alcohol	6.91	79	315898	38.025	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	714713	39.201	ng	99
17) 2-Methylphenol	7.03	107	322635	38.980	ng	96
18) Hexachloroethane	7.28	117	159720	41.319	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	295138	42.910	ng	98
20) 3+4-Methylphenols	7.17	107	432698	42.744	ng	94
22) Acetophenone	7.17	105	570355	46.737	ng	96
24) Nitrobenzene	7.35	77	445205	43.933	ng	100
25) Isophorone	7.59	82	797619	41.074	ng	100
26) 2-Nitrophenol	7.67	139	233686	46.158	ng	94
27) 2,4-Dimethylphenol	7.71	122	377773	49.475	ng	97
28) bis(2-Chloroethoxy)methane	7.80	93	536795	46.976	ng	99
29) 2,4-Dichlorophenol	7.91	162	367198	46.916	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	369900	41.710	ng	99
31) Naphthalene	8.07	128	1180000	43.036	ng	99
32) Benzoic acid	7.83	122	307591	45.868	ng	97
33) 4-Chloroaniline	8.12	127	292136	24.474	ng	98
34) Hexachlorobutadiene	8.19	225	215224	40.542	ng	98
35) Caprolactam	8.49	113	59514	24.858	ng	87
36) 4-Chloro-3-methylphenol	8.61	107	398826	47.066	ng	98
37) 2-Methylnaphthalene	8.77	142	864128	46.486	ng	99
38) 1-Methylnaphthalene	8.87	142	775183	44.243	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	380709	43.575	ng	99

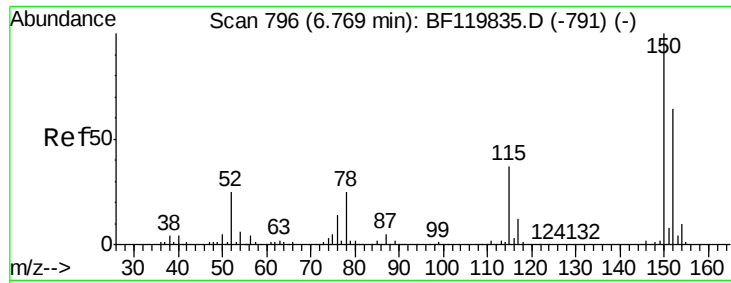
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119845.D
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 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	481502	96.919	nq	97
43) 2,4,6-Trichlorophenol	9.05	196	259841	43.069	nq	100
44) 2,4,5-Trichlorophenol	9.09	196	292929	43.109	nq	97
46) 1,1'-Biphenyl	9.23	154	1070753	45.860	nq	99
47) 2-Chloronaphthalene	9.26	162	819541	45.565	nq	98
48) 2-Nitroaniline	9.35	65	302050	46.341	nq	95
49) Acenaphthylene	9.67	152	1314860	48.069	nq	99
50) Dimethylphthalate	9.54	163	998353	46.661	nq	99
51) 2,6-Dinitrotoluene	9.60	165	222030	47.388	nq	88
52) Acenaphthene	9.85	154	756117	41.439	nq	99
53) 3-Nitroaniline	9.76	138	149679	27.971	nq	99
54) 2,4-Dinitrophenol	9.87	184	264524	94.300	nq	92
55) Dibenzofuran	10.02	168	1204249	48.095	nq	98
56) 4-Nitrophenol	9.93	139	389334	97.785	nq	98
57) 2,4-Dinitrotoluene	10.00	165	301216	48.795	nq	98
58) Fluorene	10.36	166	911336	45.510	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	266936	51.363	nq	96
60) Diethylphthalate	10.24	149	1019171	45.959	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	442074	43.073	nq	95
62) 4-Nitroaniline	10.39	138	231454	45.386	nq	95
63) Azobenzene	10.52	77	946662	47.635	nq	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	167795	40.964	nq	77
66) n-Nitrosodiphenylamine	10.47	169	847401	40.981	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	297281	38.447	nq	95
68) Hexachlorobenzene	10.91	284	329632	42.023	nq	96
69) Atrazine	11.00	200	266889	46.389	nq	98
70) Pentachlorophenol	11.10	266	380099	84.087	nq	99
71) Phenanthrene	11.32	178	1455799	43.994	nq	98
72) Anthracene	11.37	178	1485175	43.935	nq	100
73) Carbazole	11.53	167	1316964	41.197	nq	99
74) Di-n-butylphthalate	11.86	149	1685408	40.105	nq	99
75) Fluoranthene	12.51	202	1555117	43.555	nq	98
77) Benzidine	12.63	184	628798	40.036	nq	96
78) Pyrene	12.74	202	1563686	39.922	nq	99
80) Butylbenzylphthalate	13.36	149	745564	39.228	nq	99
81) Benzo(a)anthracene	13.93	228	1258104	41.160	nq	100
82) 3,3'-Dichlorobenzidine	13.89	252	345727	30.314	nq	96
83) Chrysene	13.97	228	1253813	40.370	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1004633	39.033	nq	100
85) Di-n-octyl phthalate	14.54	149	1794261	40.943	nq	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	1174234	42.891	nq	99
88) Benzo(b)fluoranthene	14.96	252	1499974	48.657	nq	99
89) Benzo(k)fluoranthene	14.99	252	1212135	45.572	nq	99
90) Benzo(a)pyrene	15.32	252	1141817	44.052	nq	99
91) Dibenzo(a,h)anthracene	16.81	278	989324	43.090	nq	99
92) Benzo(g,h,i)perylene	17.22	276	915131	40.380	nq	99

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

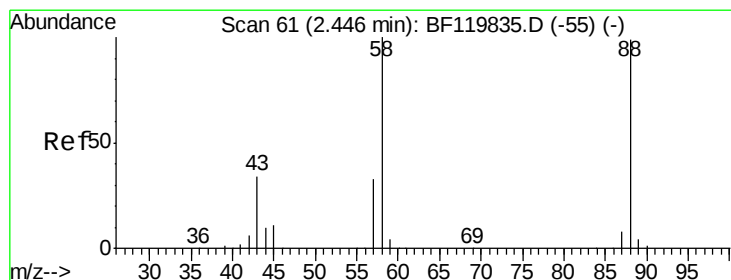
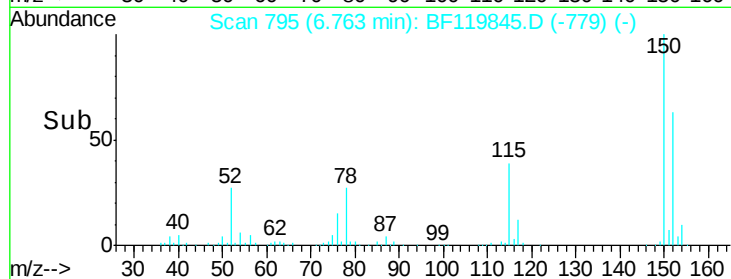
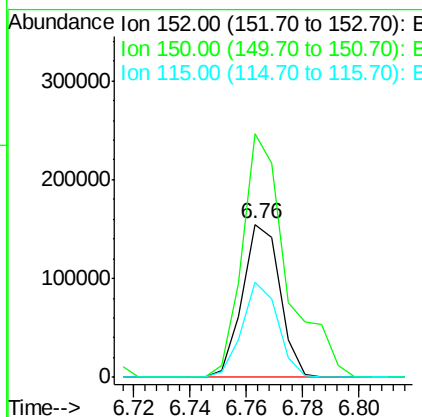
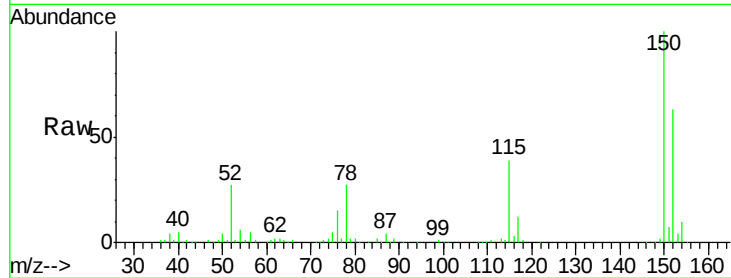


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :

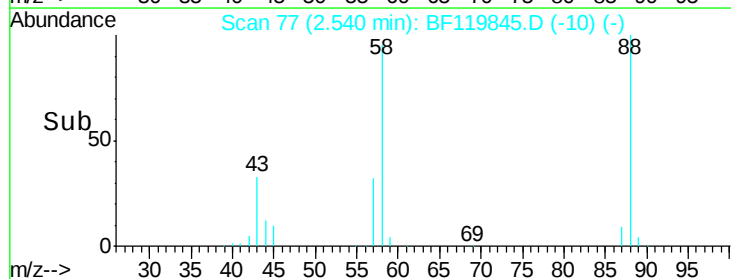
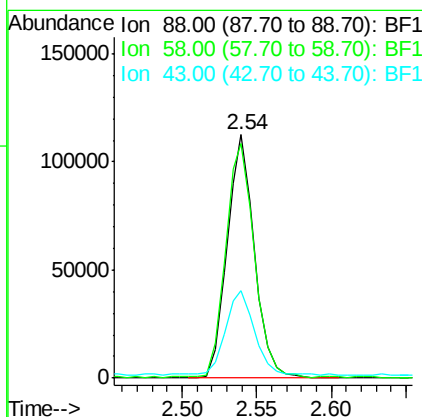
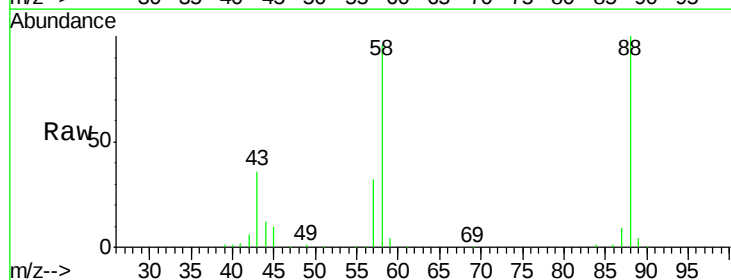
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.8	187.2
115	62.2	46.5	69.7

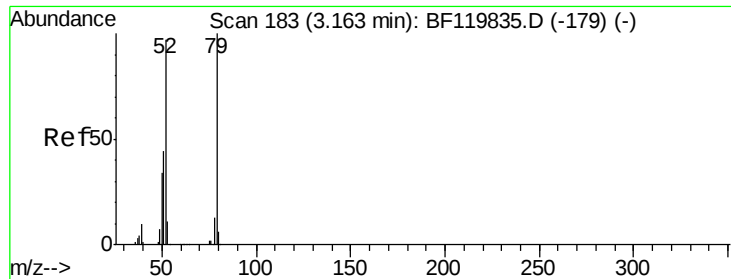


#2

1,4-Dioxane
Concen: 38.985 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.09 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	82.6	123.8
43	37.9	28.6	42.8





#3

Pvridine

Concen: 38.755 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.09 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

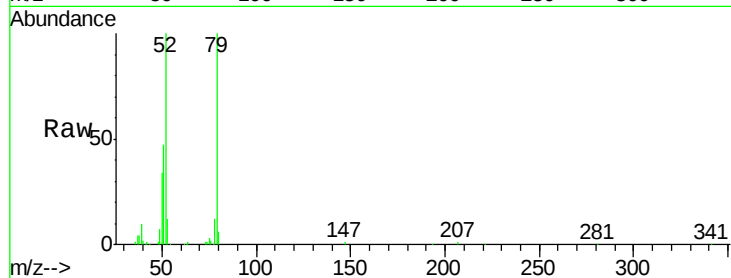
Tot Ion: 79 Resp: 393126

Ion Ratio Lower Upper

79 100

52 99.5 77.4 116.0

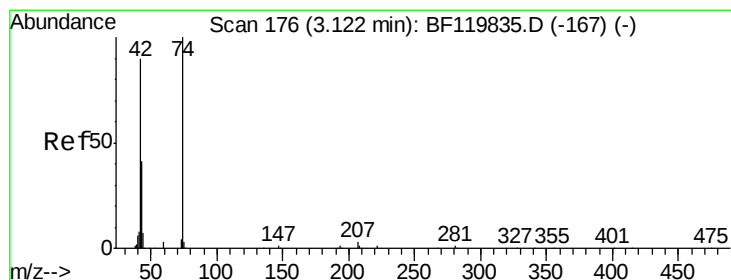
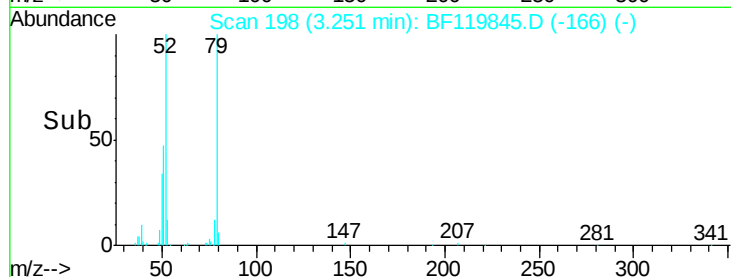
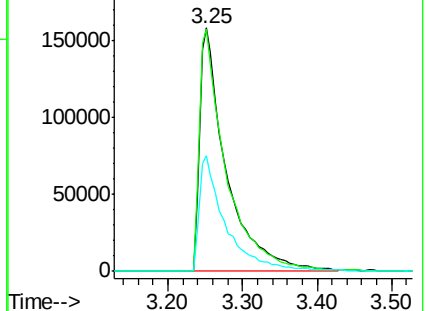
51 47.3 35.3 52.9



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: 44.850 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.08 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

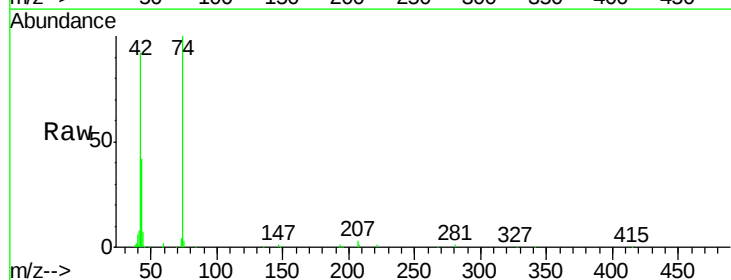
Tgt Ion: 42 Resp: 232447

Ion Ratio Lower Upper

42 100

74 108.8 89.0 133.4

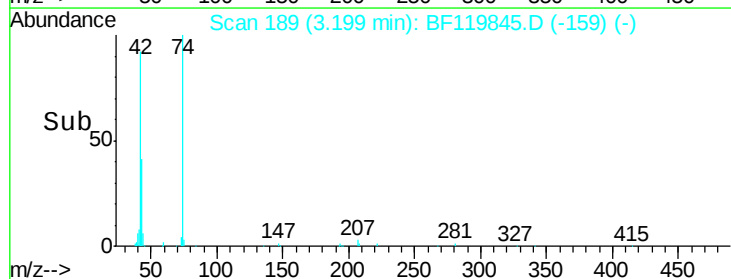
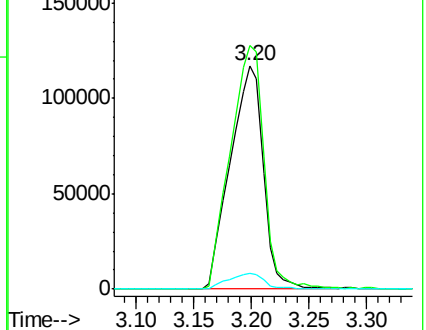
44 7.2 6.2 9.4



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: 128.934 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampled :

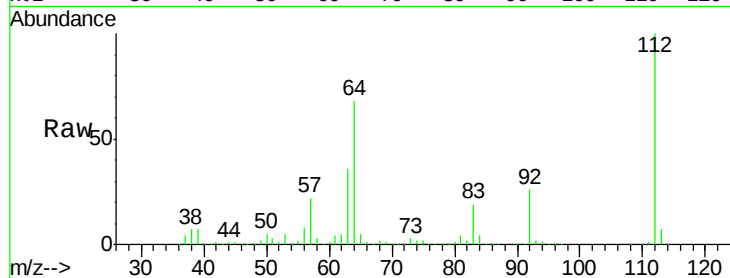
Tot Ion:112 Resp: 1070254

Ion Ratio Lower Upper

112 100

64 68.5 55.5 83.3

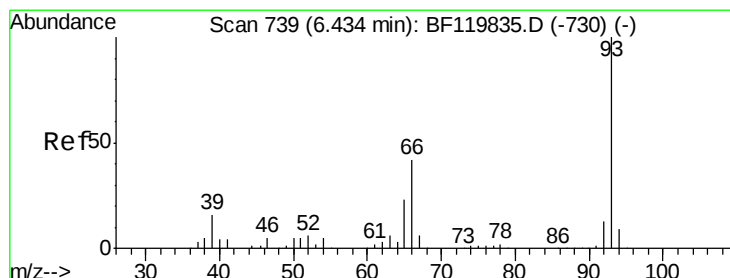
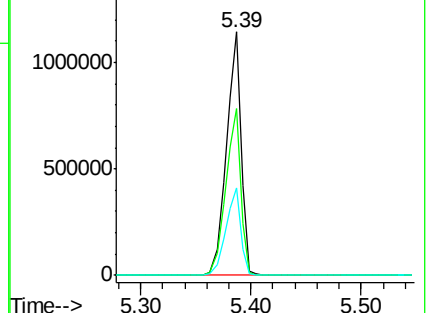
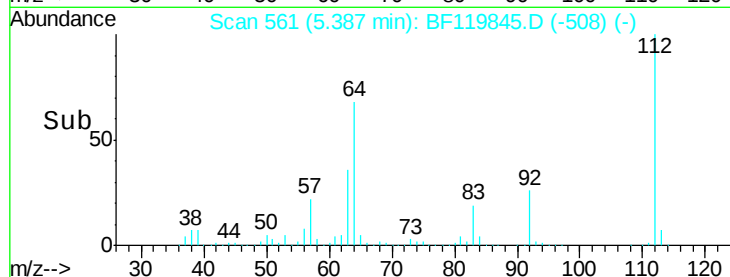
63 35.8 29.1 43.7



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: 30.807 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

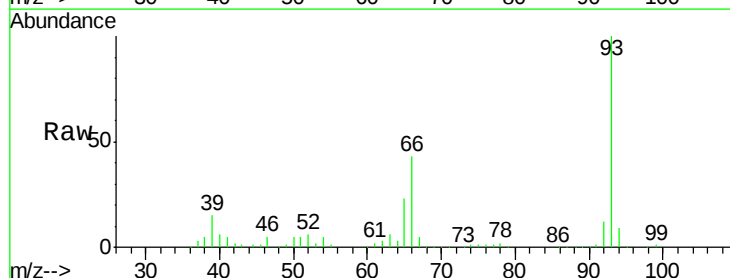
Tgt Ion: 93 Resp: 432485

Ion Ratio Lower Upper

93 100

66 43.2 34.2 51.2

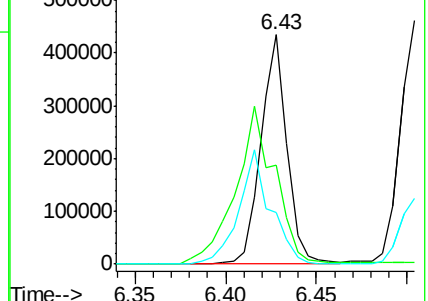
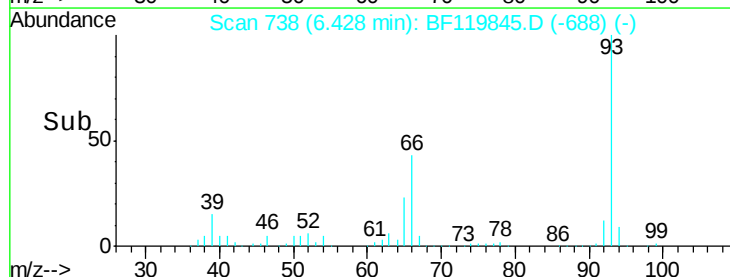
65 22.5 18.3 27.5



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: 124.733 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

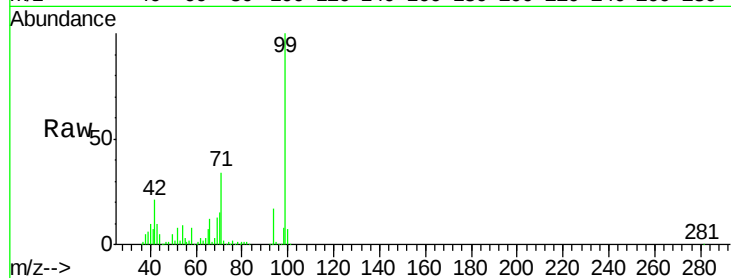
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1334139

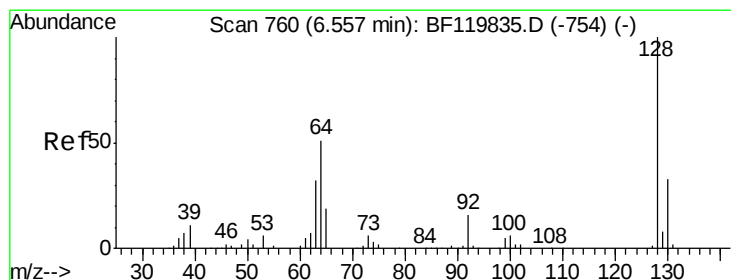
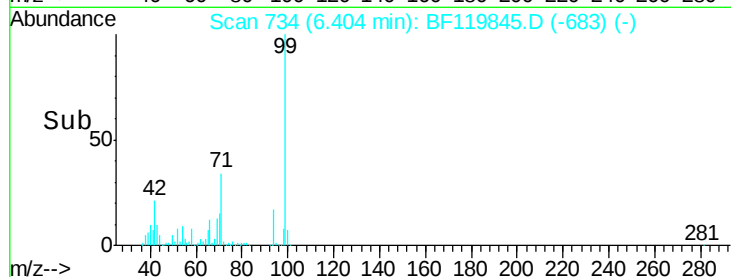
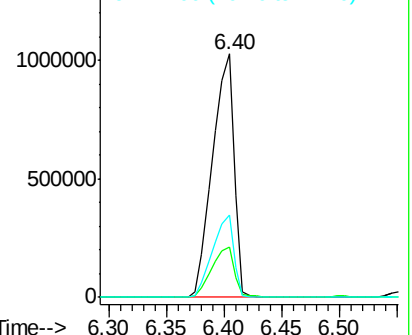
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.9	25.3
71	33.6	26.3	39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.808 ng

RT: 6.55 min Scan# 759

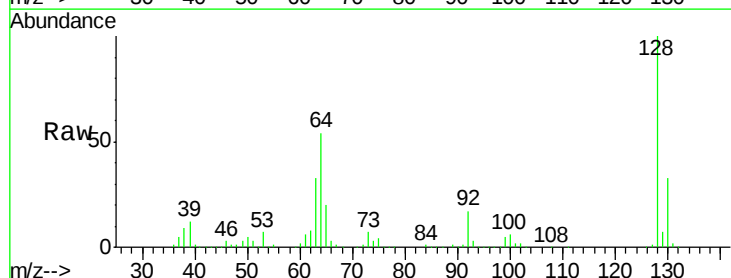
Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion: 128 Resp: 443408

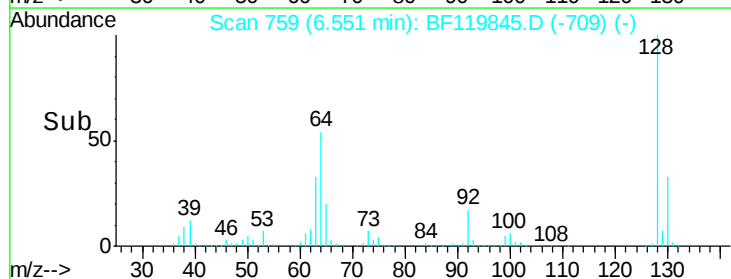
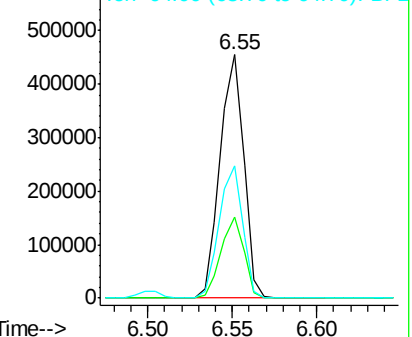
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.6	52.6
64	54.3	32.0	72.0

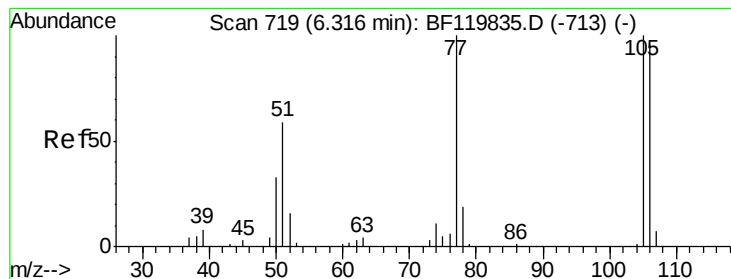


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.179 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampled :

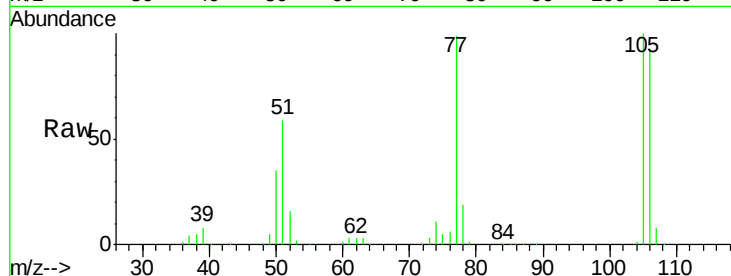
Tot Ion: 77 Resp: 175503

Ion Ratio Lower Upper

77 100

105 101.4 79.9 119.9

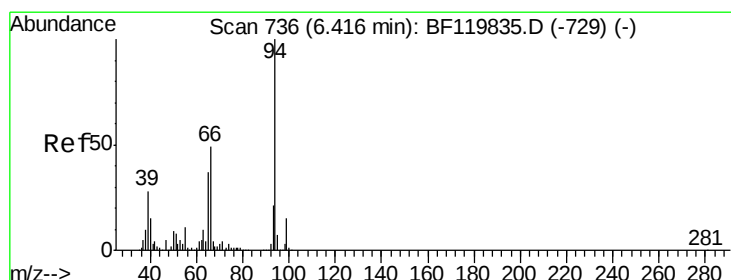
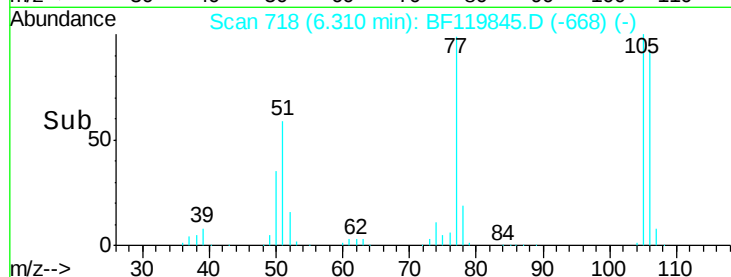
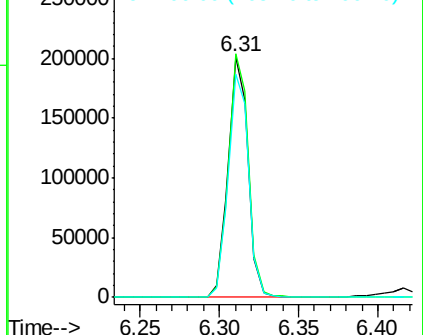
106 92.9 76.4 116.4



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: 44.382 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

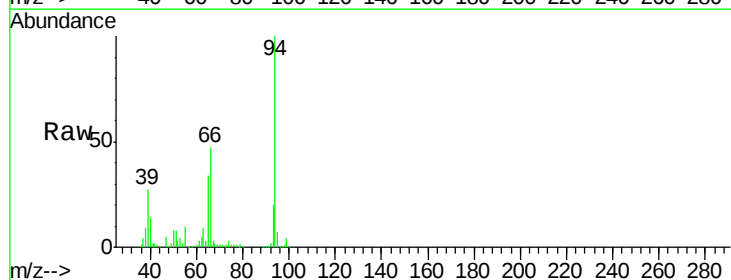
Tgt Ion: 94 Resp: 538554

Ion Ratio Lower Upper

94 100

65 34.2 16.6 56.6

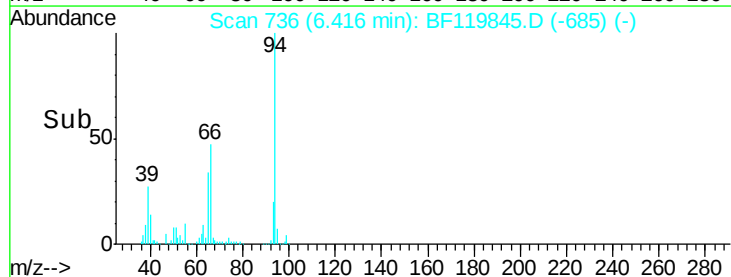
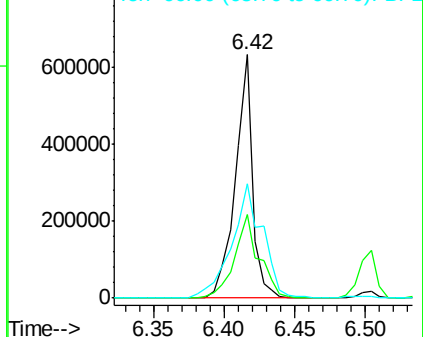
66 47.2 29.3 69.3

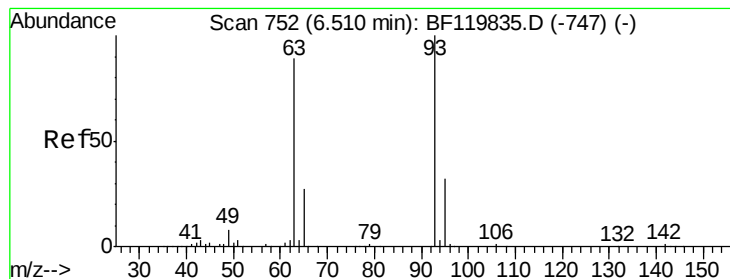


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.821 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

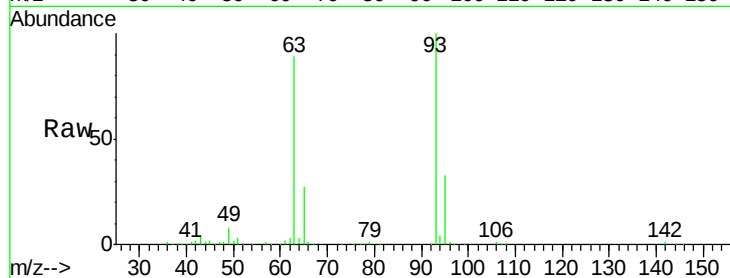
Tot Ion: 93 Resp: 382467

Ion Ratio Lower Upper

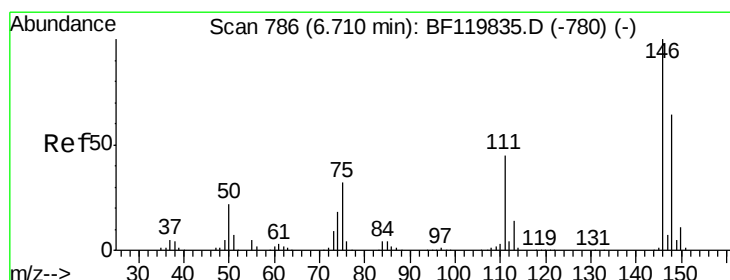
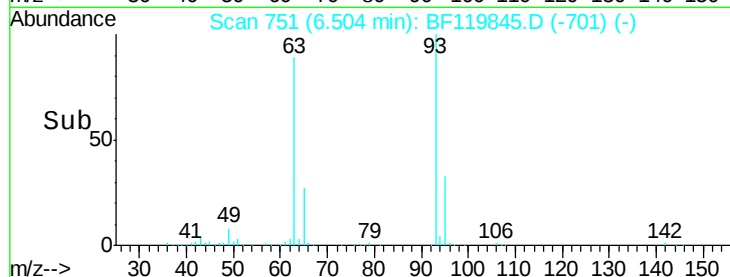
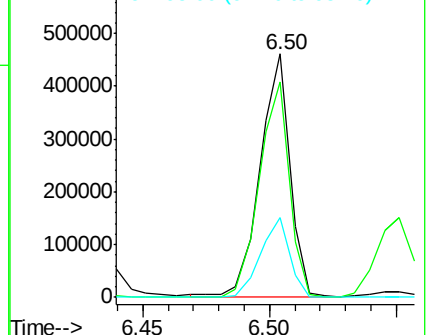
93 100

63 88.5 69.1 109.1

95 32.7 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: 43.633 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

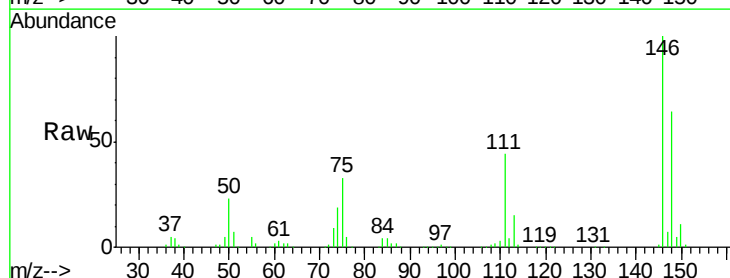
Tgt Ion: 146 Resp: 443047

Ion Ratio Lower Upper

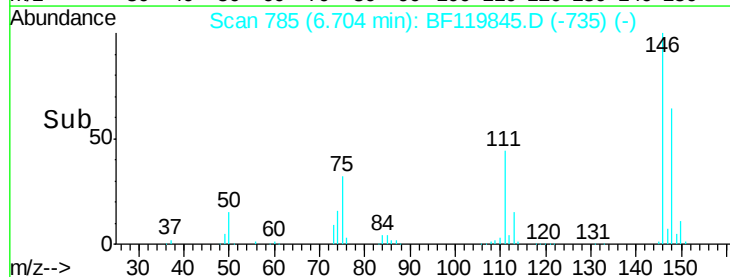
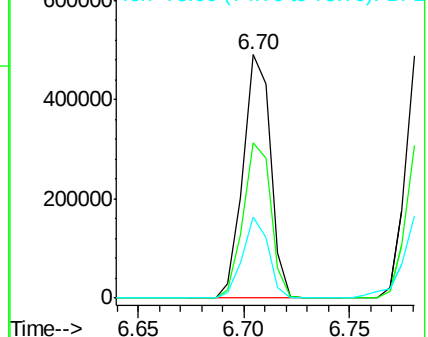
146 100

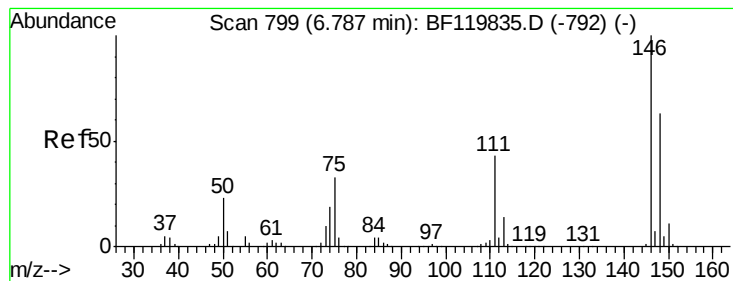
148 63.7 51.3 76.9

75 33.2 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: 43.242 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

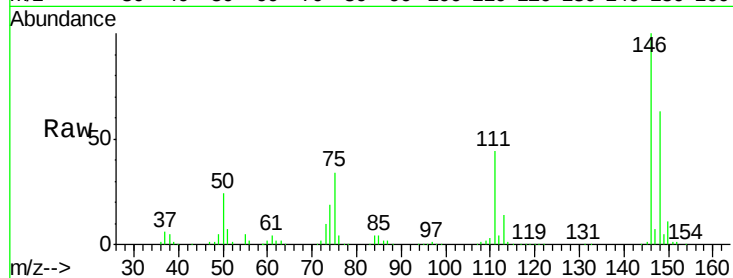
Tot Ion:146 Resp: 447273

Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

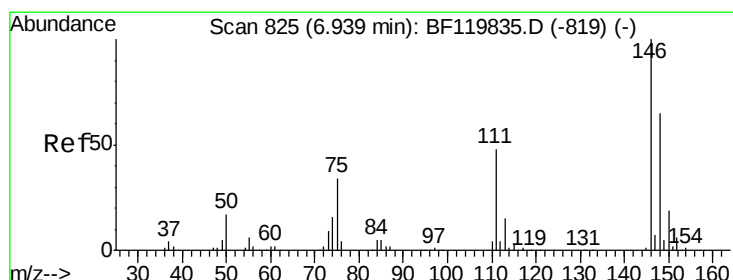
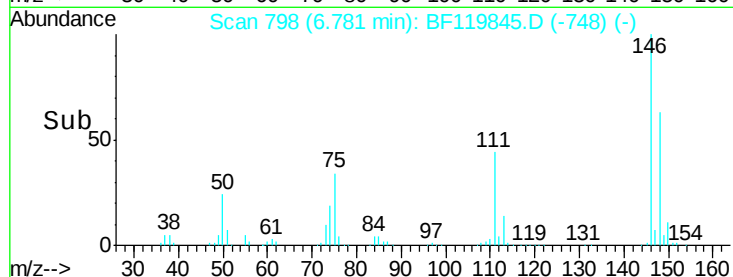
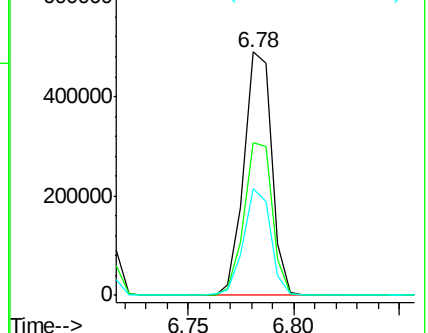
111 44.0 34.7 52.1



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: 43.082 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

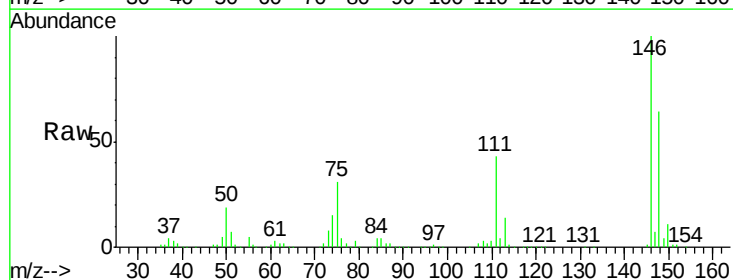
Tgt Ion:146 Resp: 410675

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

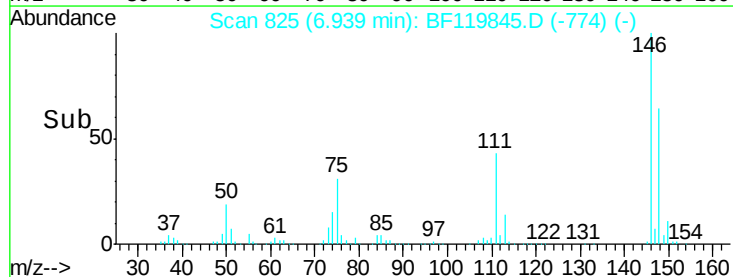
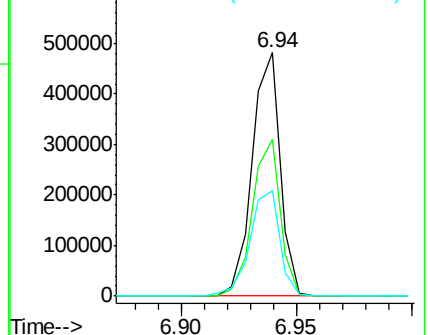
111 43.2 38.0 57.0

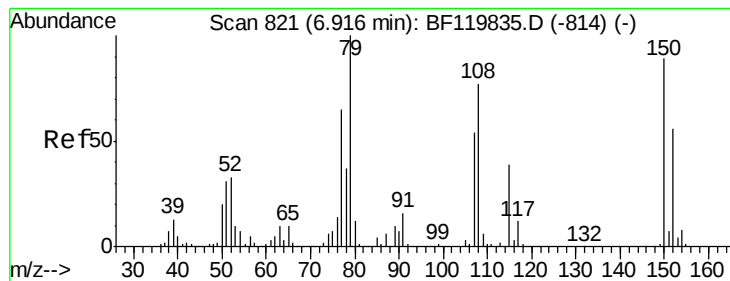


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.025 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

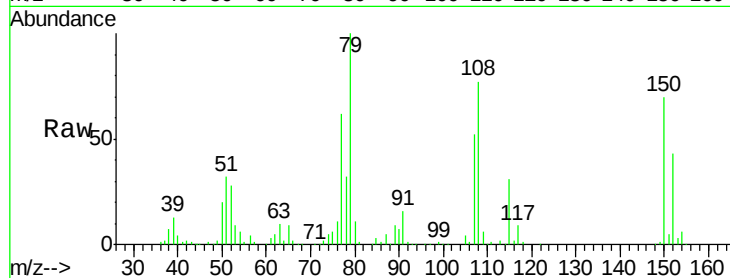
Tot Ion: 79 Resp: 315898

Ion Ratio Lower Upper

79 100

108 76.9 62.0 93.0

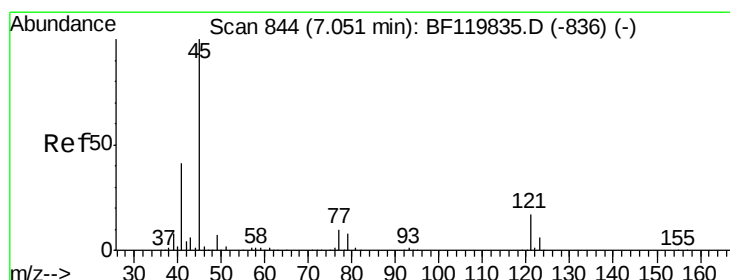
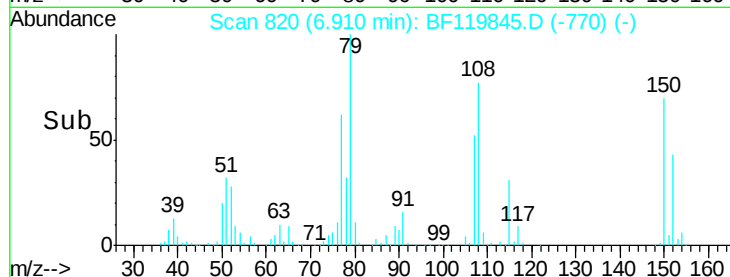
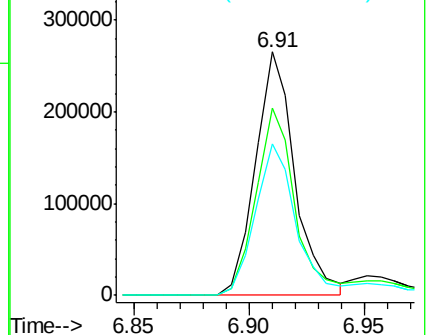
77 62.4 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.201 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

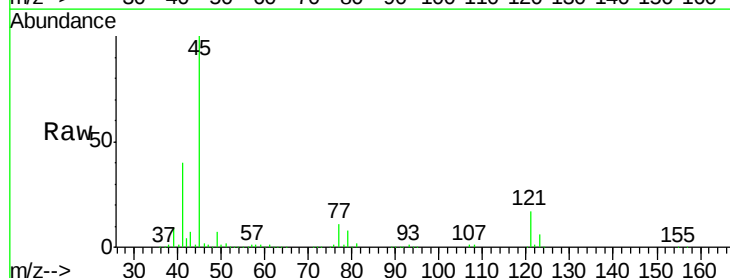
Tgt Ion: 45 Resp: 714713

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.7

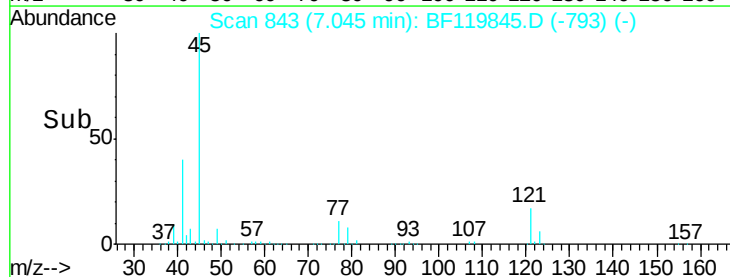
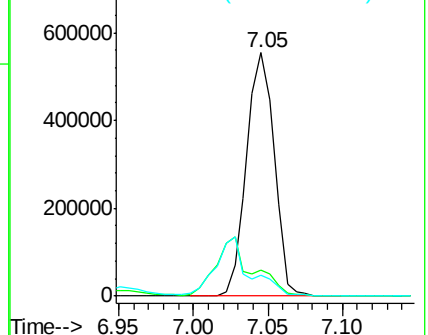
79 8.3 0.0 28.6

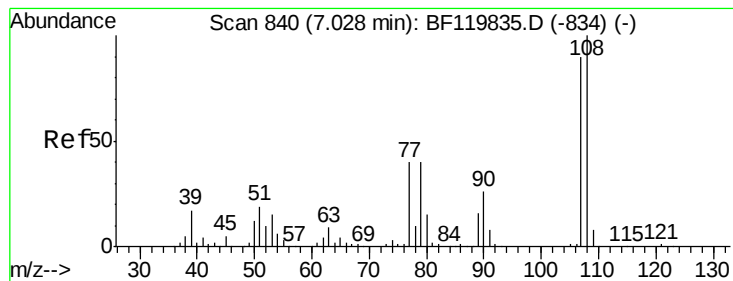


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

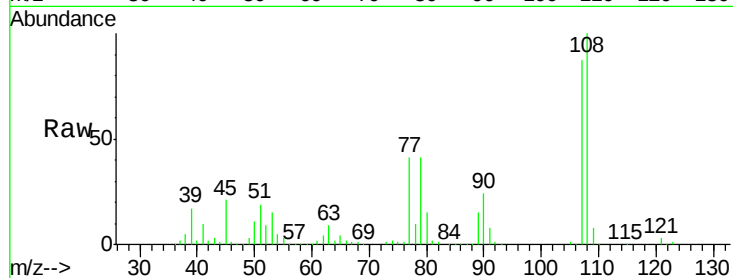




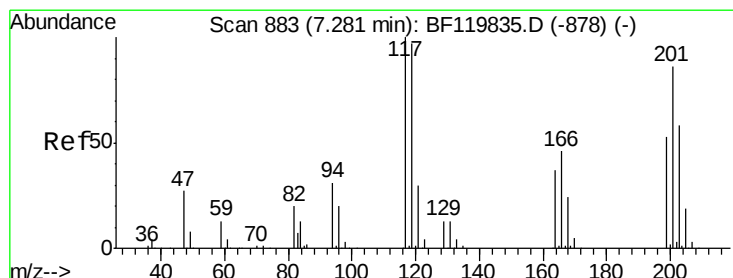
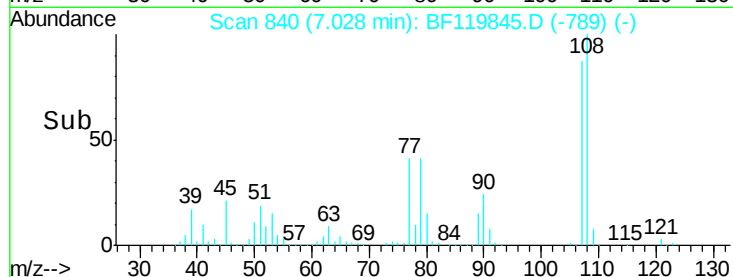
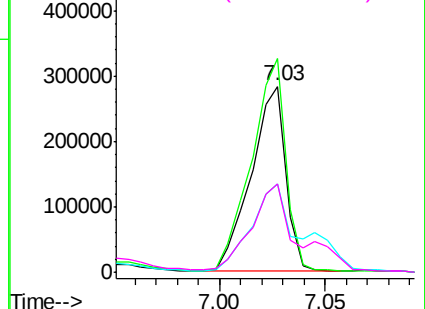
#17
2-Methylphenol
Concen: 38.980 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 322635
Ion Ratio Lower Upper
107 100
108 115.0 88.8 133.2
77 47.3 36.0 54.0
79 47.3 35.7 53.5

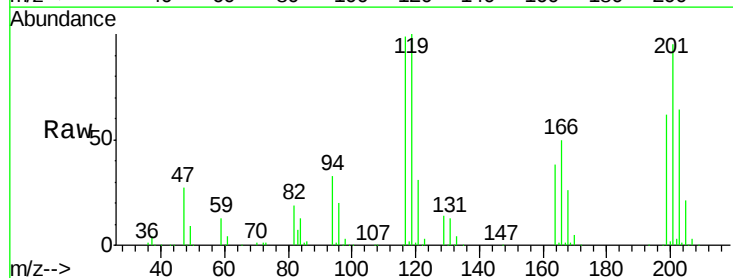


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

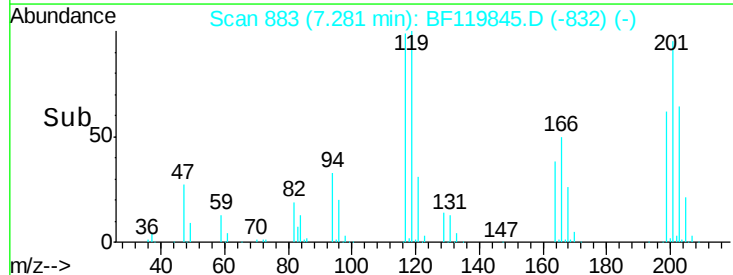
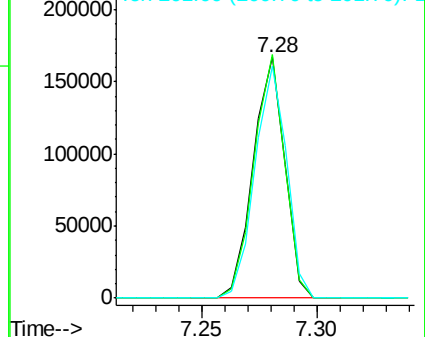


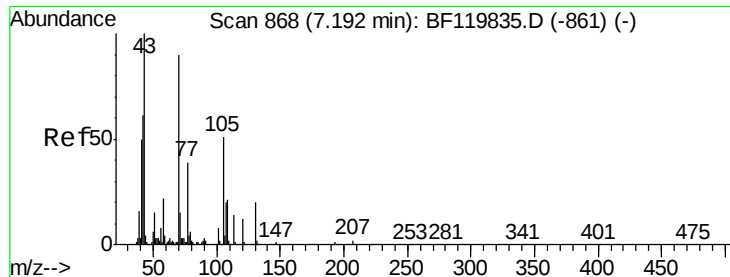
#18
Hexachloroethane
Concen: 41.319 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:117 Resp: 159720
Ion Ratio Lower Upper
117 100
119 101.2 77.4 116.0
201 96.5 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

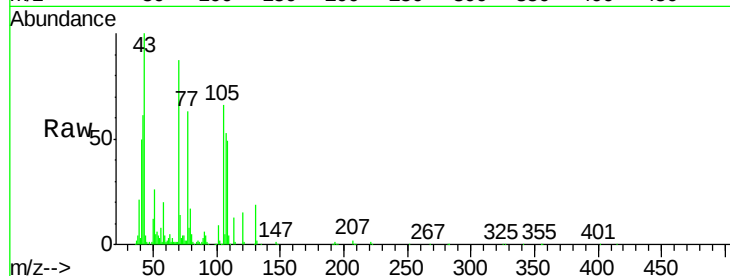




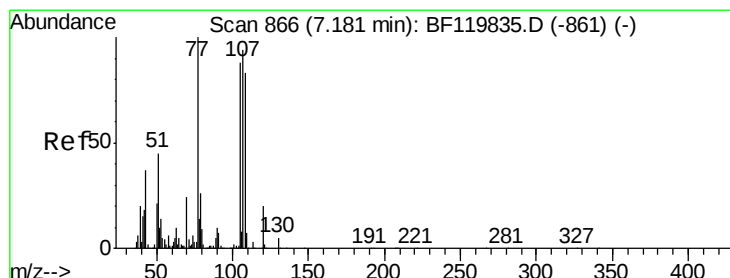
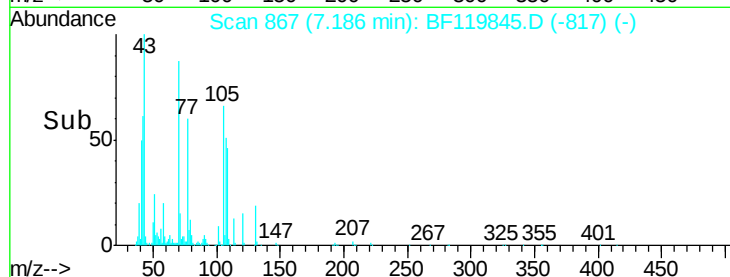
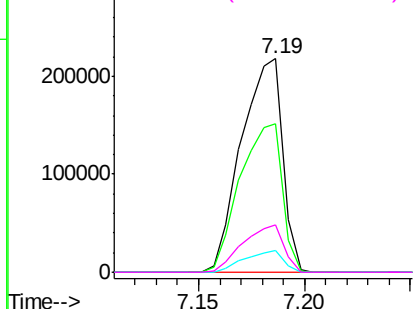
#19
n-Nitroso-di-n-propylamine
Concen: 42.910 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 295138
Ion Ratio Lower Upper
70 100
42 69.8 54.2 81.4
101 10.0 7.4 11.2
130 22.2 17.8 26.6

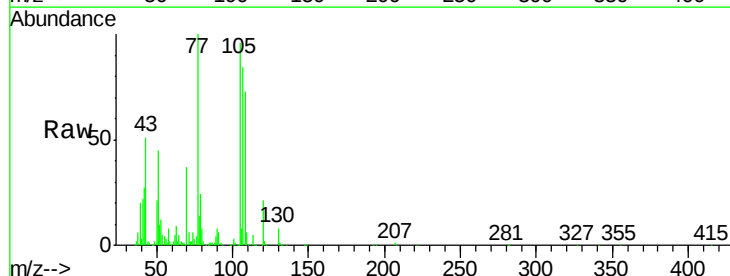


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

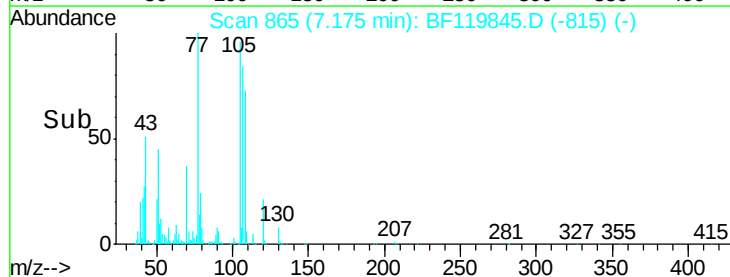
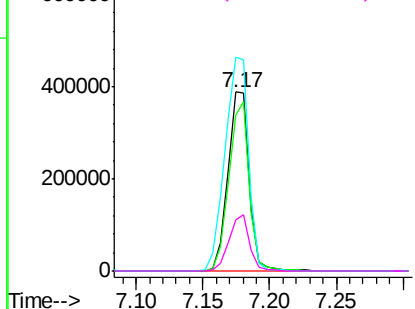


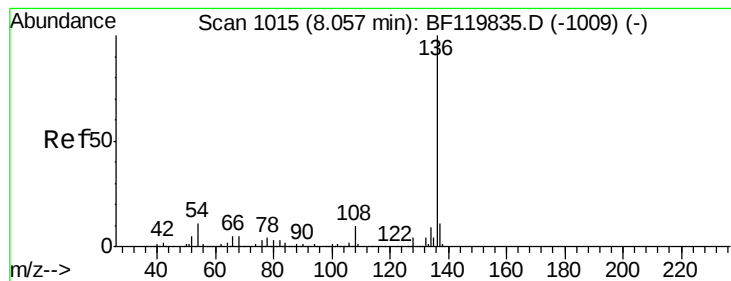
#20
3+4-Methylphenols
Concen: 42.744 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion: 107 Resp: 432698
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 119.2 86.6 126.6
79 28.5 7.7 47.7



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 521144

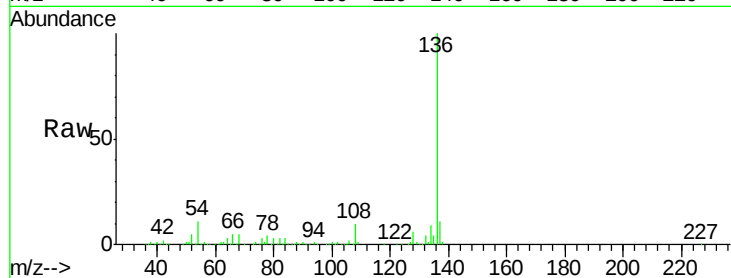
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.6 8.5 12.7

68 5.1 3.9 5.9

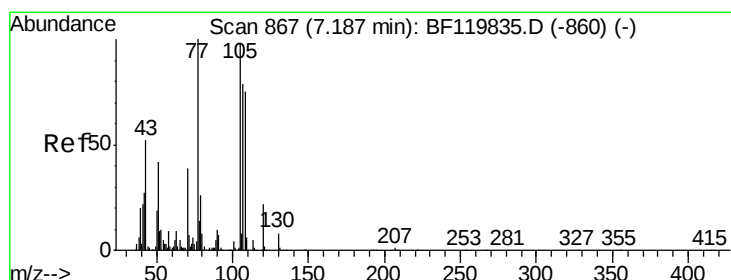
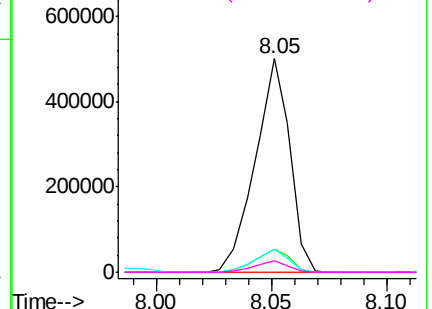
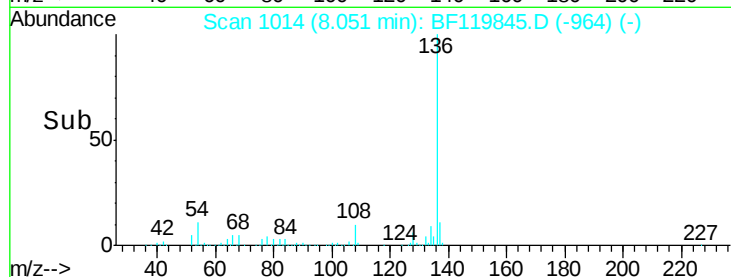


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.737 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion:105 Resp: 570355

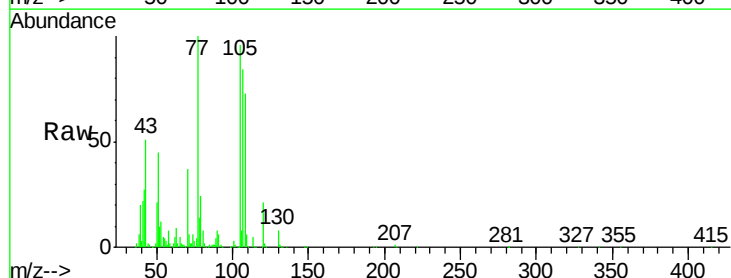
Ion Ratio Lower Upper

105 100

71 6.2 5.6 8.4

51 46.4 33.9 50.9

120 22.4 17.8 26.8

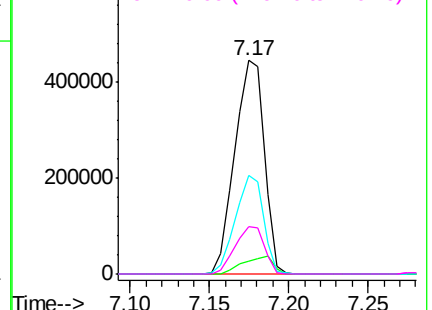
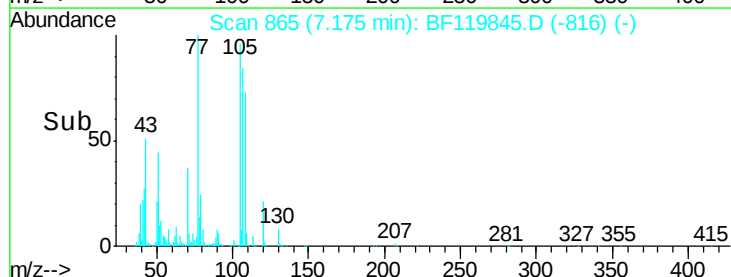


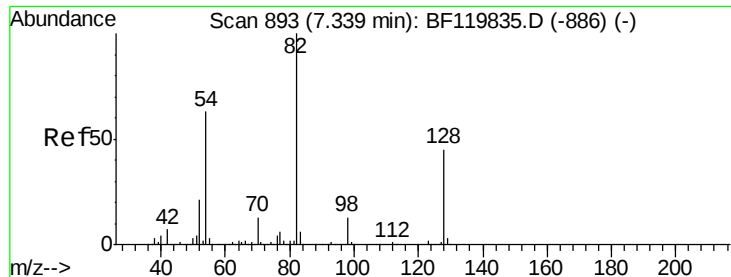
Abundance Ion 105.00 (104.70 to 105.70): E

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

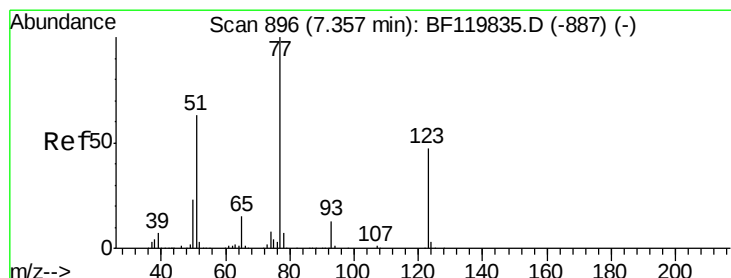
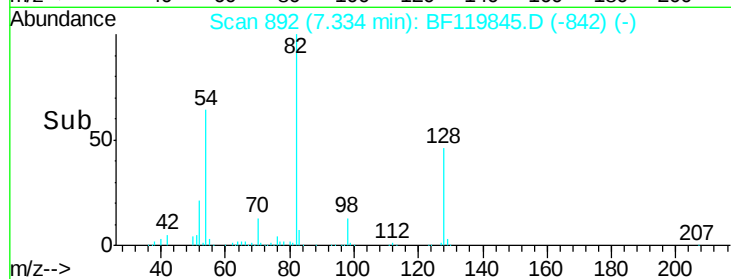
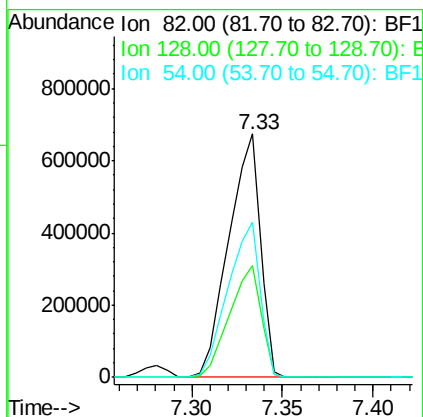
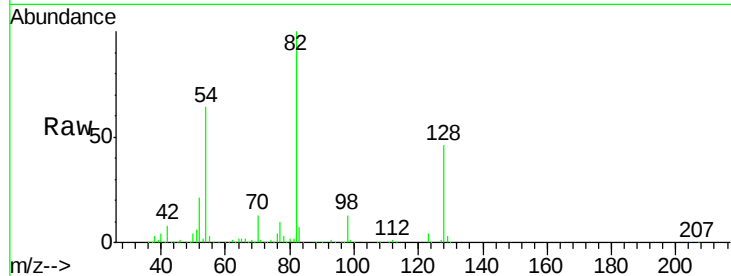




#23
Nitrobenzene-d5
Concen: 81.093 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

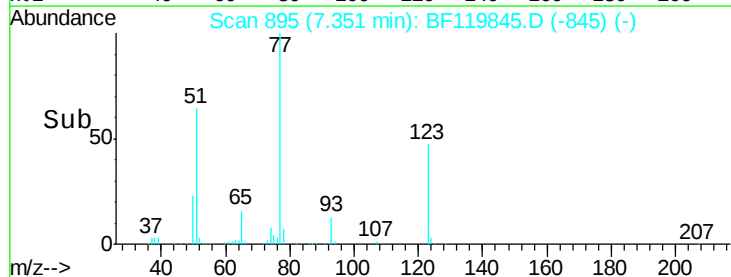
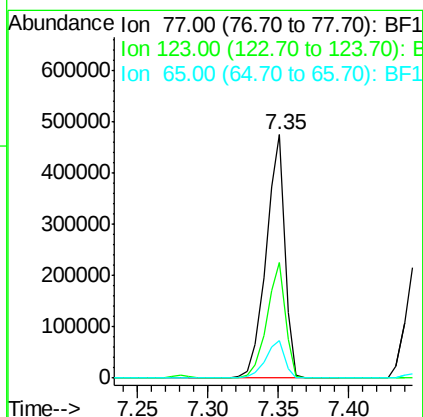
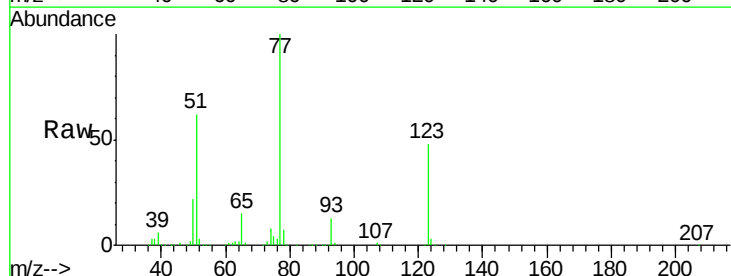
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 816896
Ion Ratio Lower Upper
82 100
128 46.1 36.2 54.4
54 63.7 50.4 75.6



#24
Nitrobenzene
Concen: 43.933 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion: 77 Resp: 445205
Ion Ratio Lower Upper
77 100
123 47.6 37.8 56.8
65 15.2 12.2 18.2





#25

Isophorone

Concen: 41.074 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

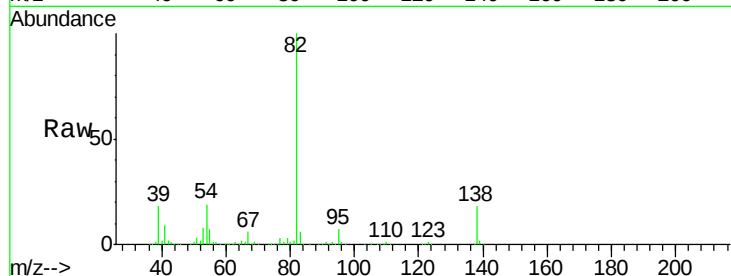
Tot Ion: 82 Resp: 797619

Ion Ratio Lower Upper

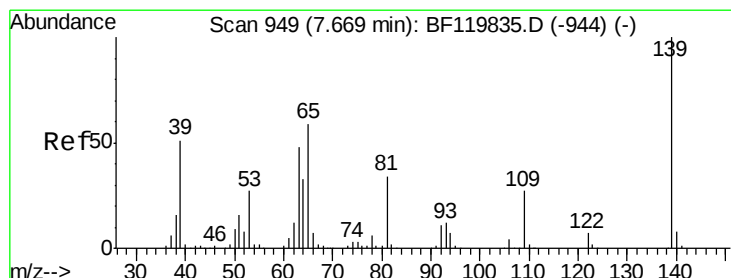
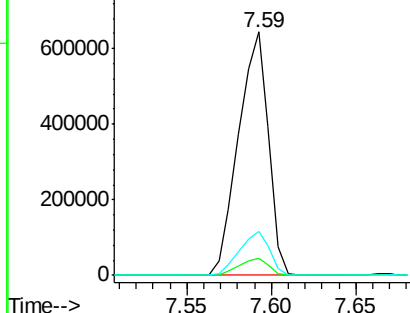
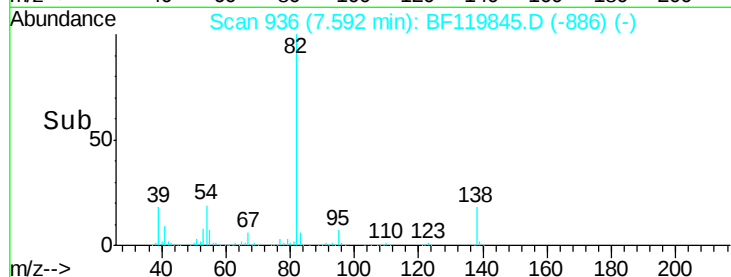
82 100

95 6.9 5.8 8.6

138 18.2 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: 46.158 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

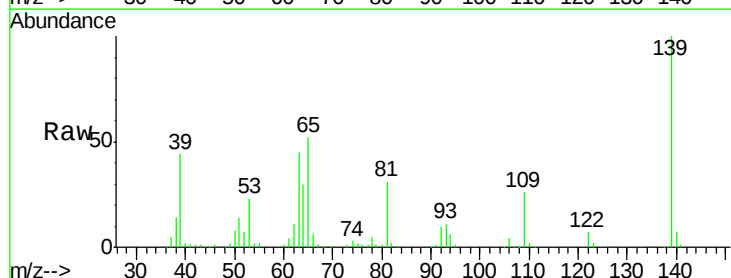
Tgt Ion: 139 Resp: 233686

Ion Ratio Lower Upper

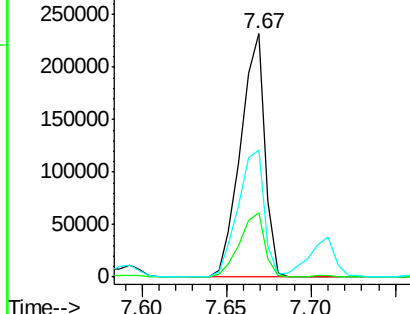
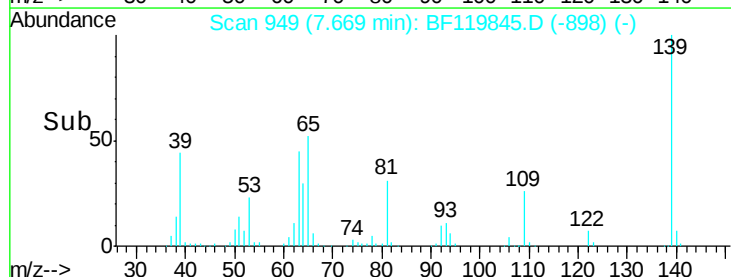
139 100

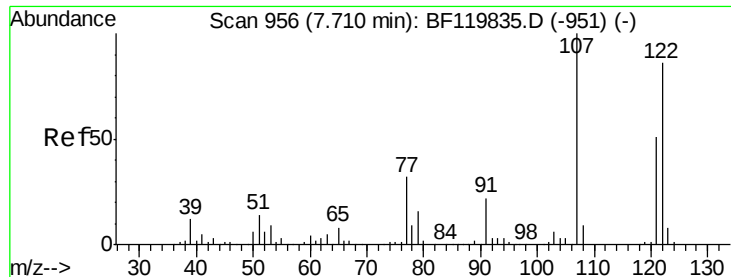
109 26.4 21.8 32.6

65 52.3 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

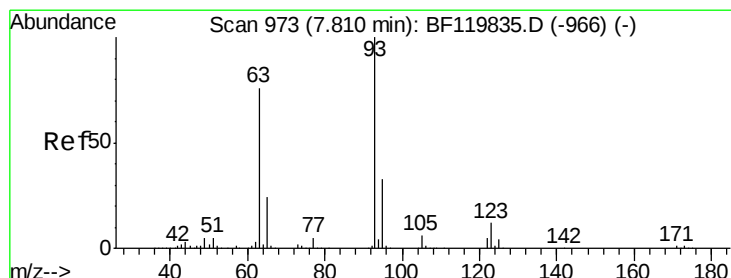
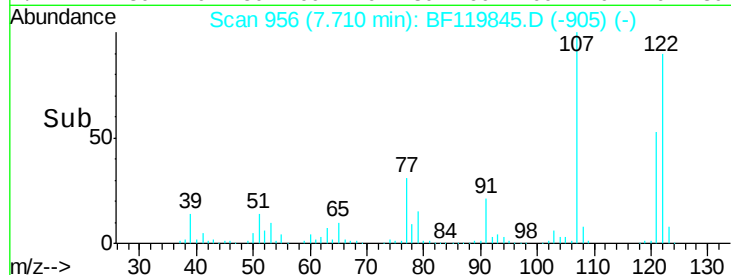
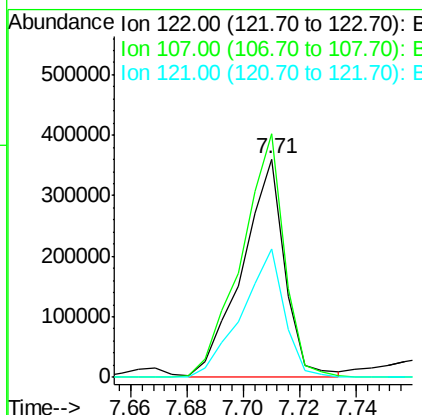
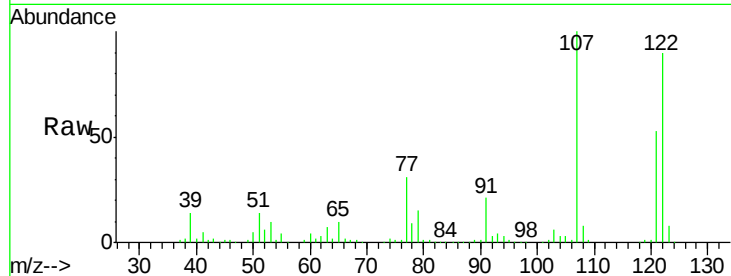




#27
 2,4-Dimethylphenol
 Concen: 49.475 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

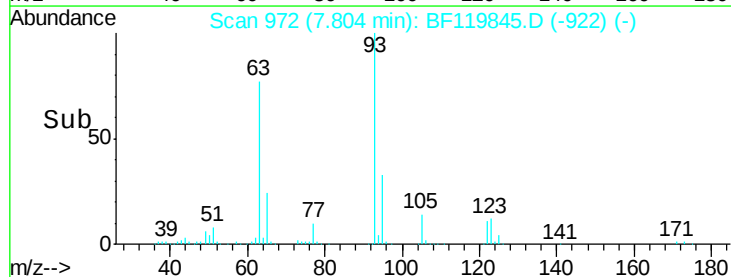
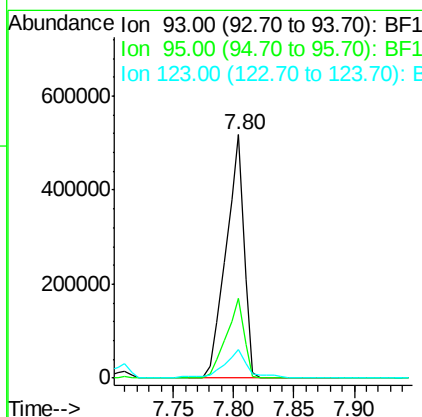
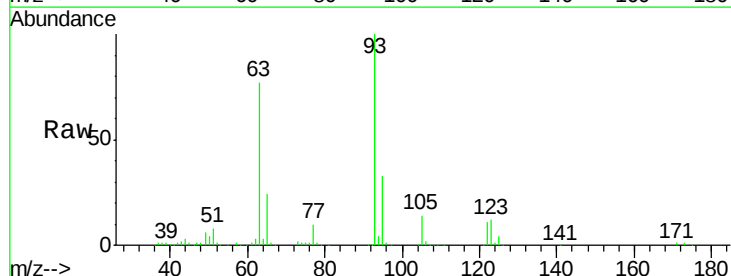
Instrument :
 BNA_F
 ClientSampleId :

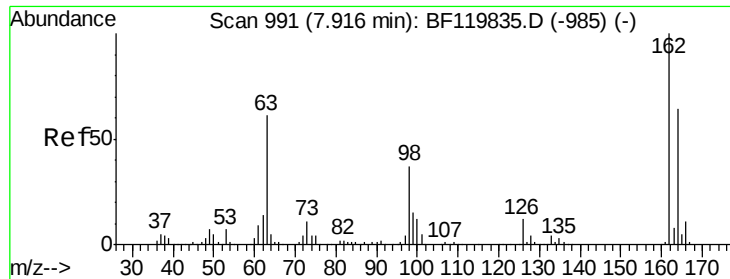
Tot Ion:122 Resp: 377773
 Ion Ratio Lower Upper
 122 100
 107 111.4 92.3 138.5
 121 58.8 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.976 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion: 93 Resp: 536795
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 11.8 9.7 14.5

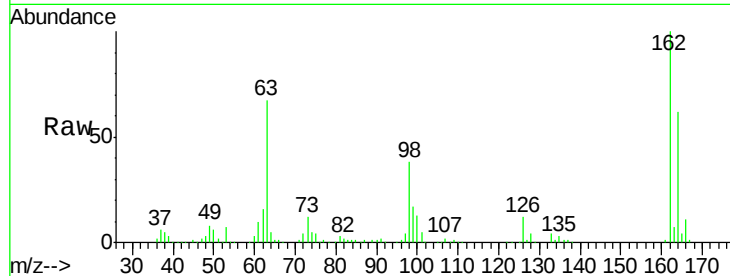




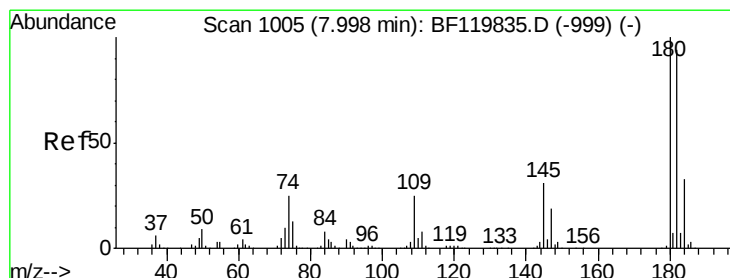
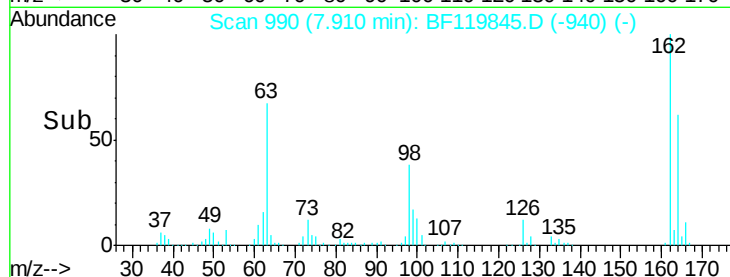
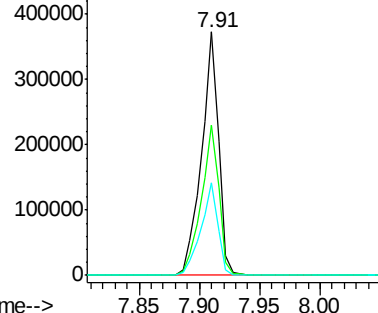
#29
 2,4-Dichlorophenol
 Concen: 46.916 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	44.4	84.4
98	38.1	17.3	57.3

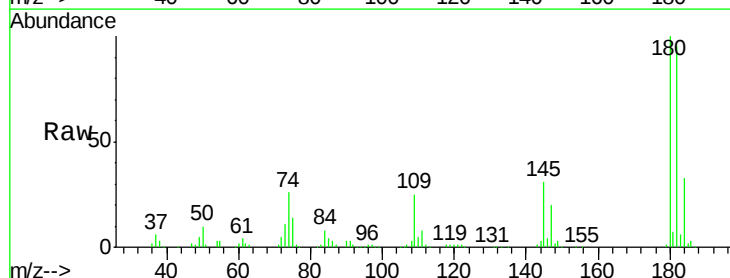


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

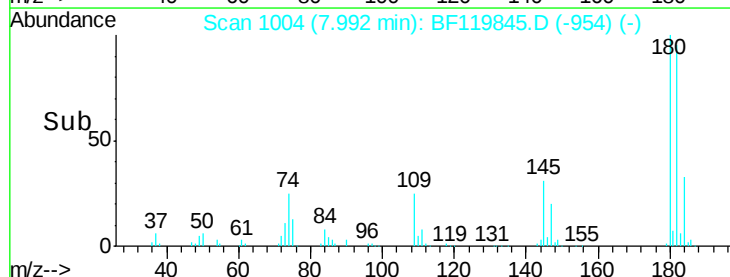
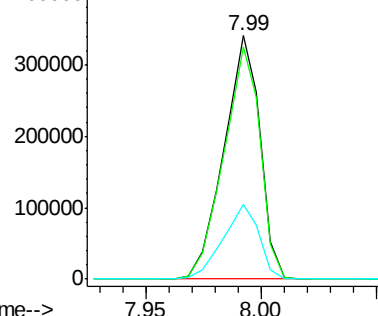


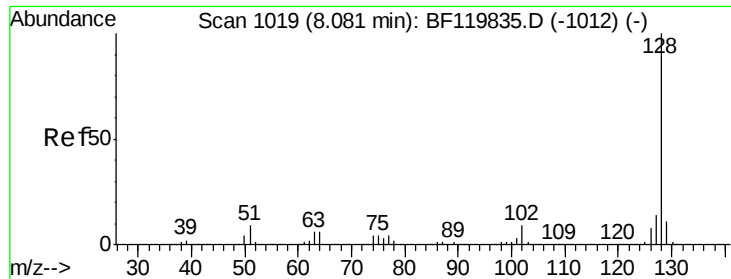
#30
 1,2,4-Trichlorobenzene
 Concen: 41.710 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.0
145	30.5	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

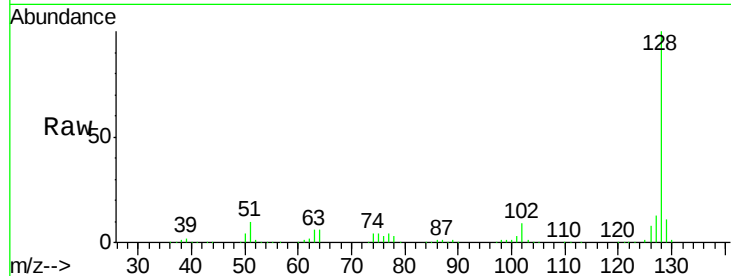




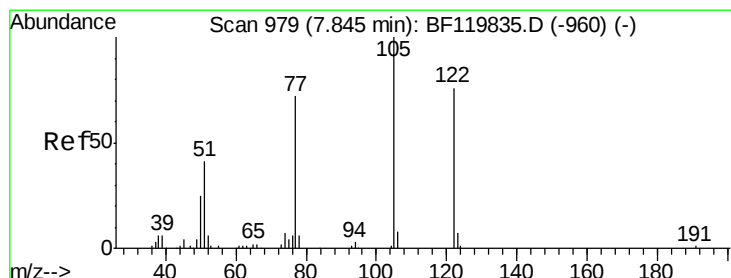
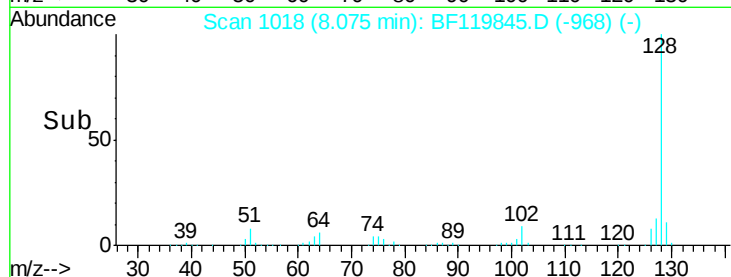
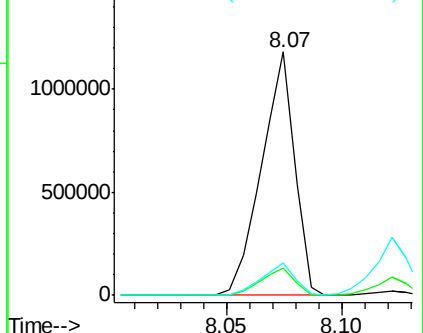
#31
Naphthalene
Concen: 43.036 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1180000
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 11.0 16.4

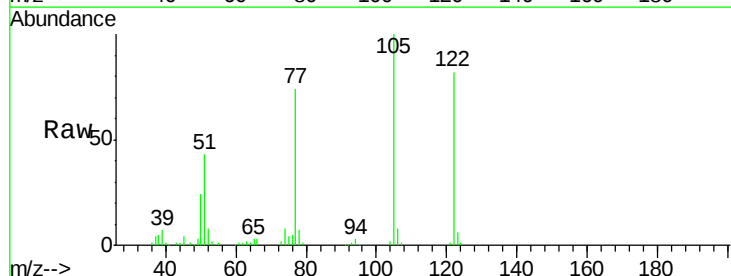


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

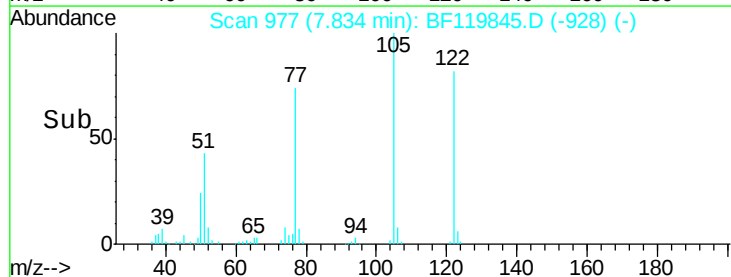
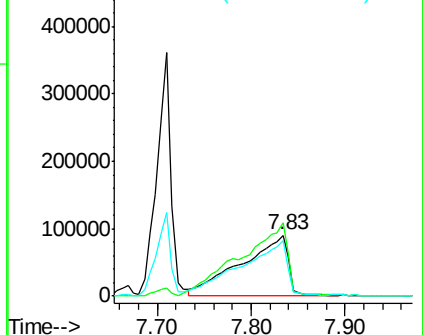


#32
Benzoic acid
Concen: 45.868 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:122 Resp: 307591
Ion Ratio Lower Upper
122 100
105 121.6 106.7 146.7
77 90.4 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

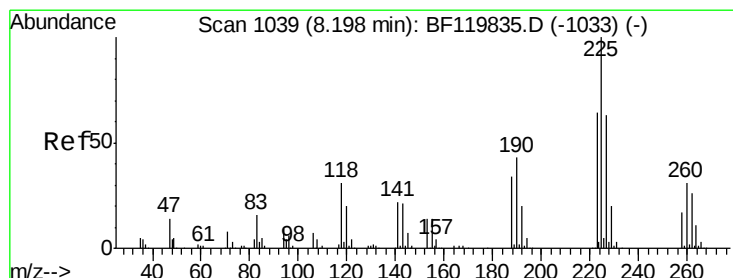
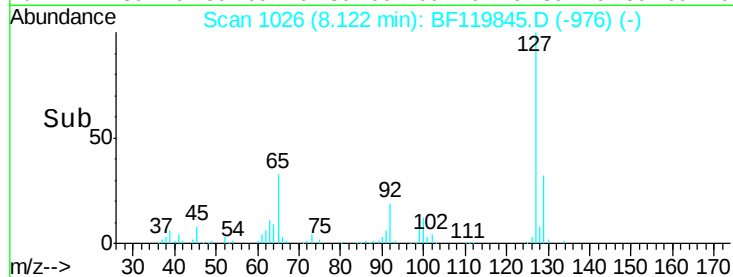
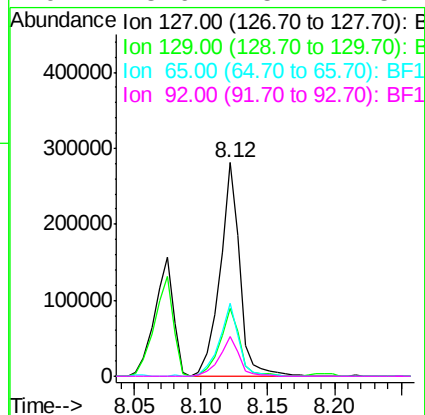
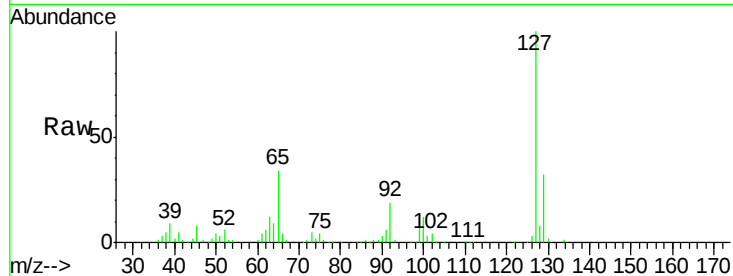




#33
4-Chloroaniline
Concen: 24.474 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

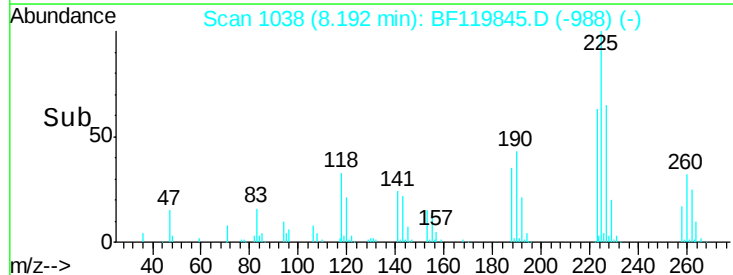
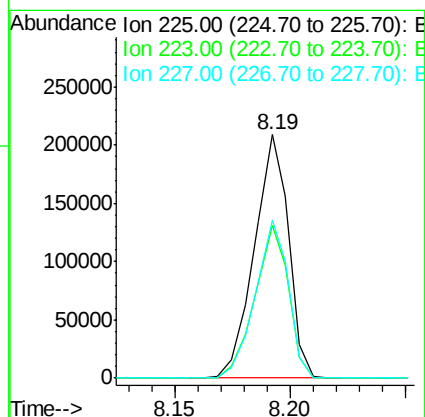
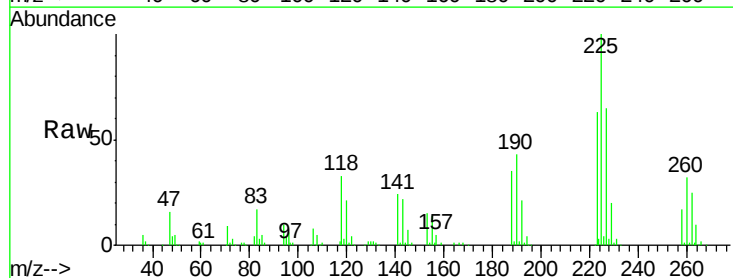
Instrument :
BNA_F
ClientSampleId :

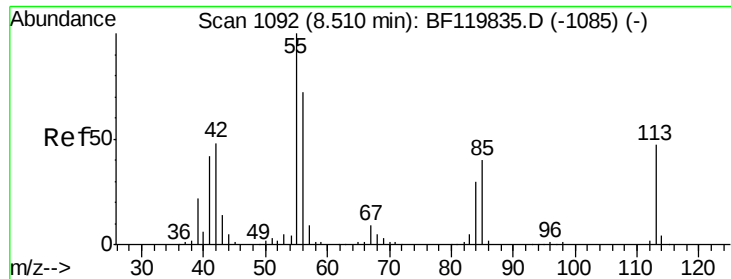
Tot Ion:	127	Resp:	292136
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	34.4	28.3	42.5
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.542 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:	225	Resp:	215224
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	64.7	50.4	75.6

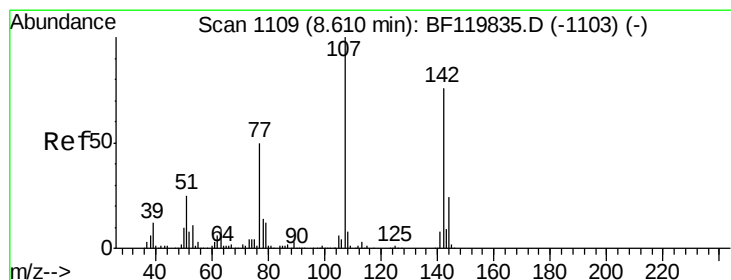
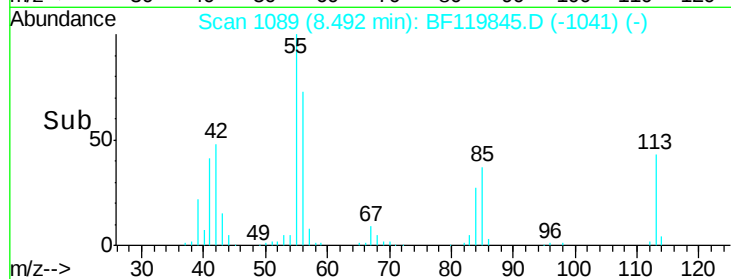
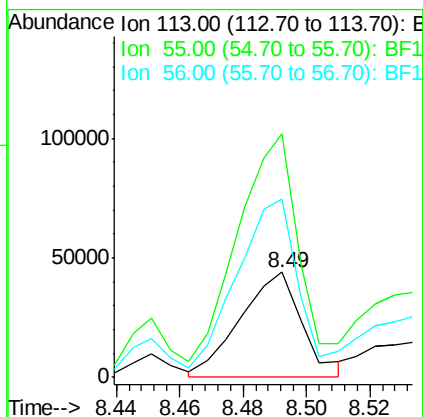
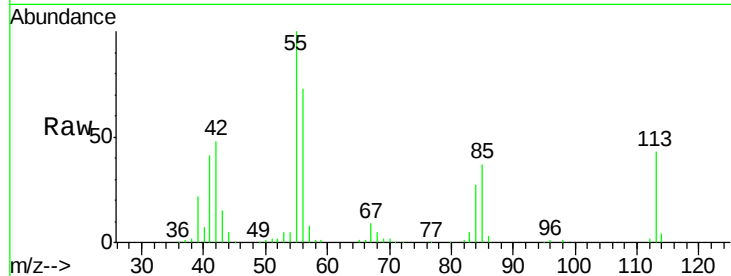




#35
 Caprolactam
 Concen: 24.858 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

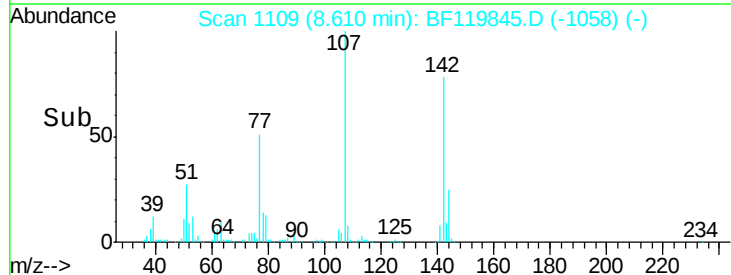
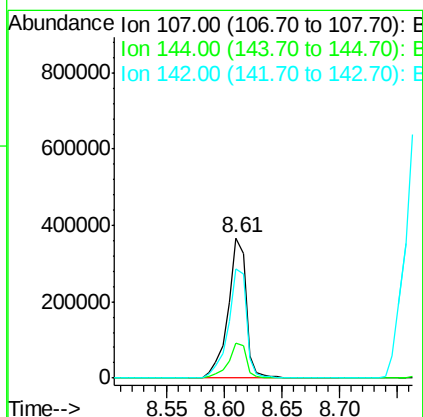
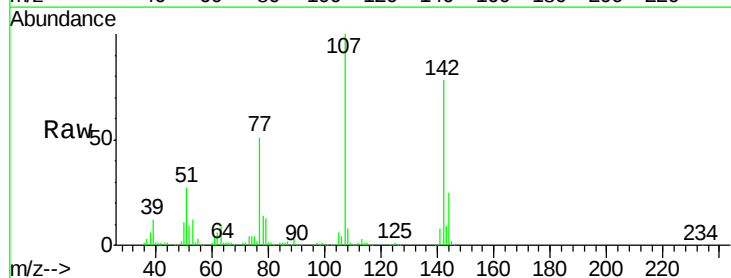
Instrument :
 BNA_F
 ClientSampleId :

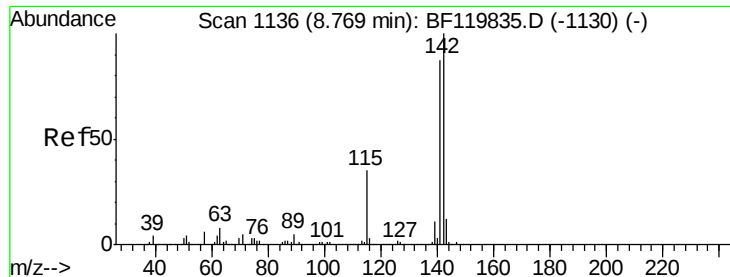
Tot Ion:113 Resp: 59514
 Ion Ratio Lower Upper
 113 100
 55 231.9 192.7 232.7
 56 170.4 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.066 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion:107 Resp: 398826
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.5 29.3
 142 77.7 60.5 90.7

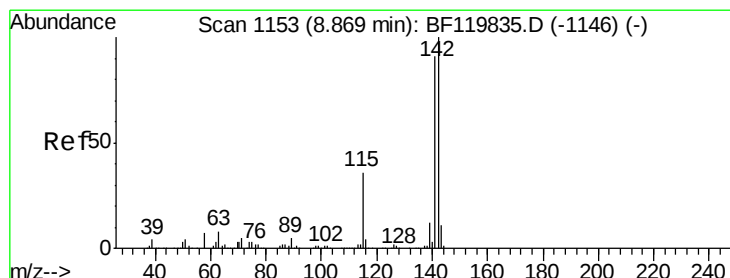
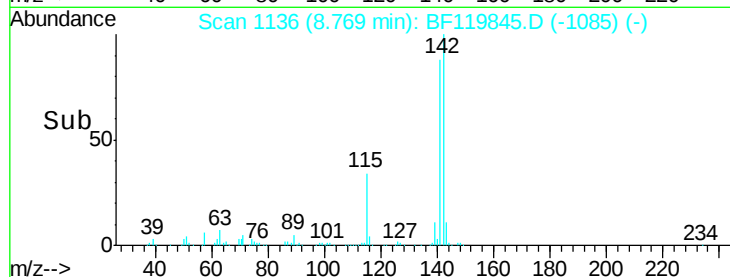
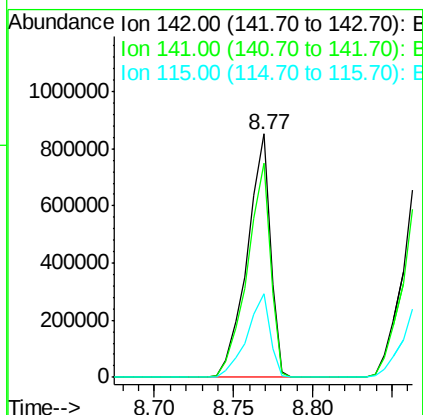
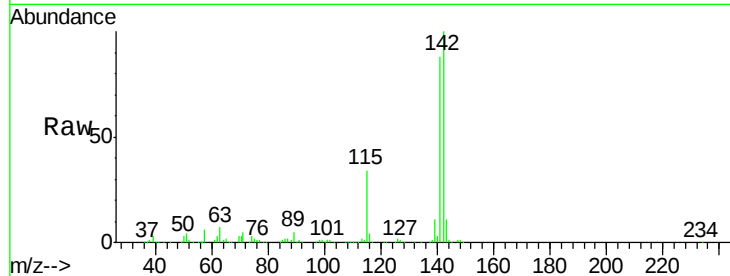




#37
2-Methylnaphthalene
Concen: 46.486 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

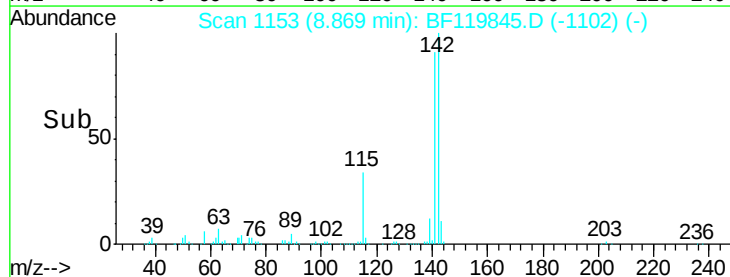
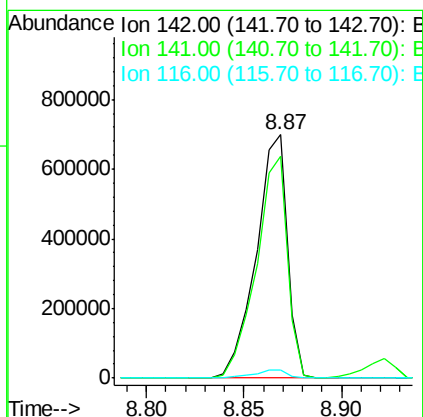
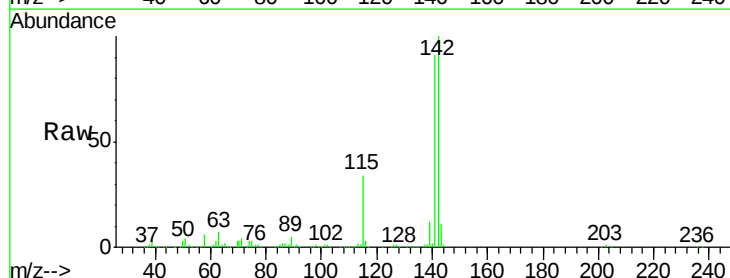
Instrument :
BNA_F
ClientSampleId :

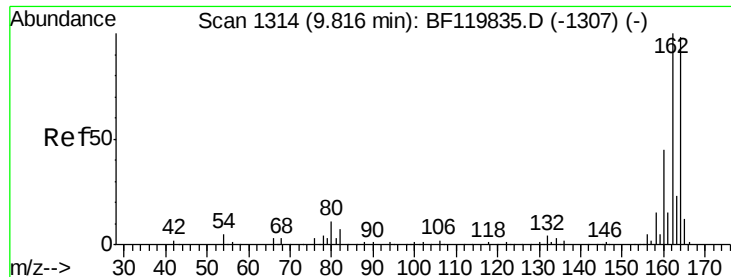
Tot Ion:142 Resp: 864128
Ion Ratio Lower Upper
142 100
141 88.0 69.9 104.9
115 34.3 28.0 42.0



#38
1-Methylnaphthalene
Concen: 44.243 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:142 Resp: 775183
Ion Ratio Lower Upper
142 100
141 91.3 72.9 109.3
116 3.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

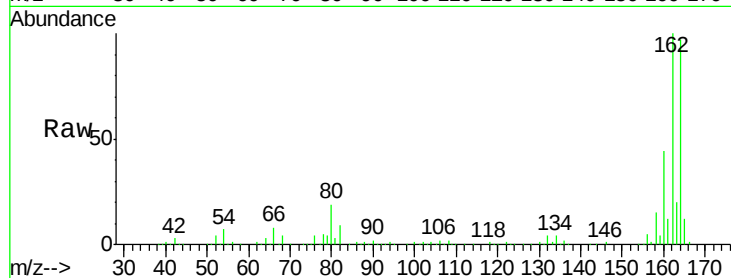
Tot Ion:164 Resp: 276618

Ion Ratio Lower Upper

164 100

162 102.9 81.9 122.9

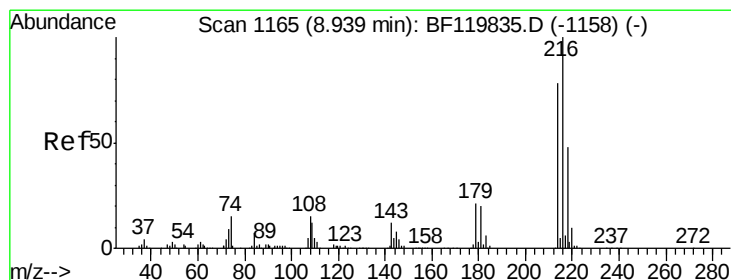
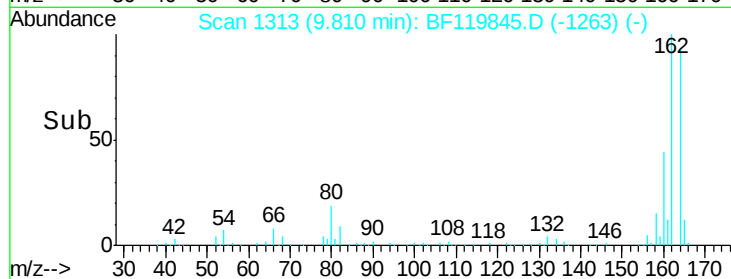
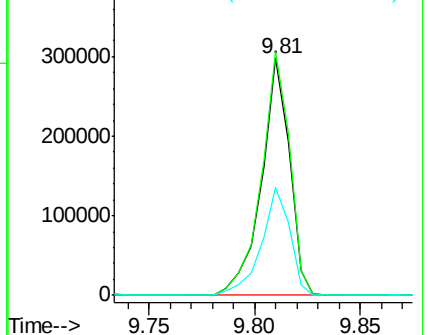
160 45.6 36.6 54.8



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: 43.575 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion:216 Resp: 380709

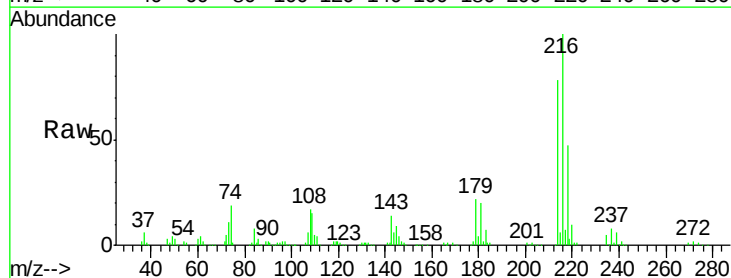
Ion Ratio Lower Upper

216 100

214 78.8 63.1 94.7

179 21.1 17.0 25.4

108 20.3 14.8 22.2

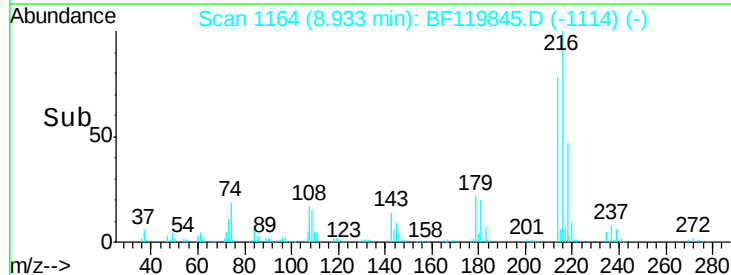
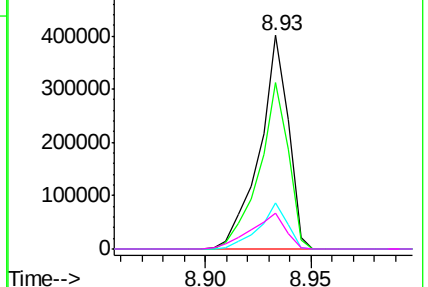


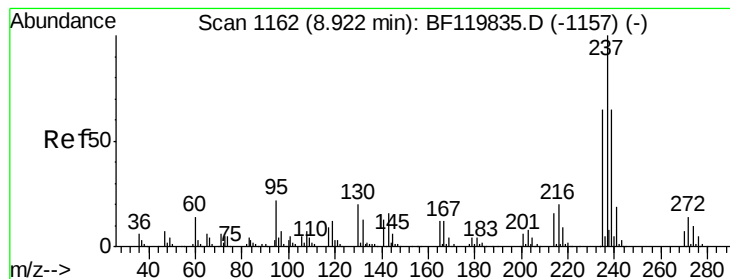
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.919 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

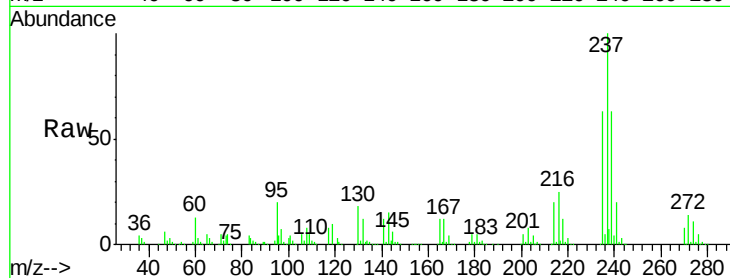
Tot Ion:237 Resp: 481502

Ion Ratio Lower Upper

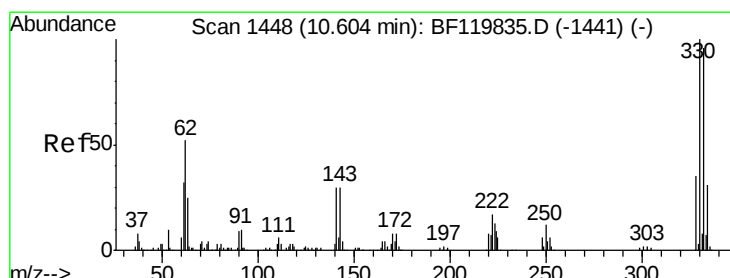
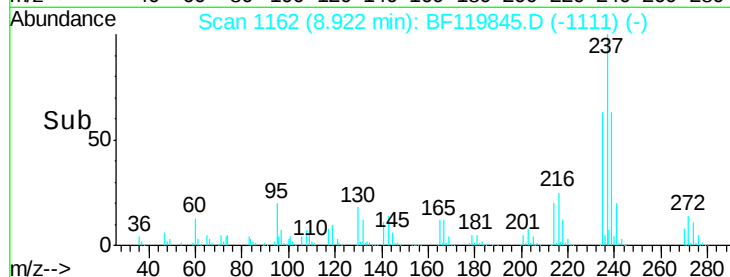
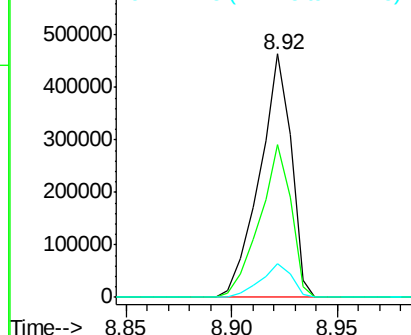
237 100

235 62.6 44.9 84.9

272 13.8 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: 132.211 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

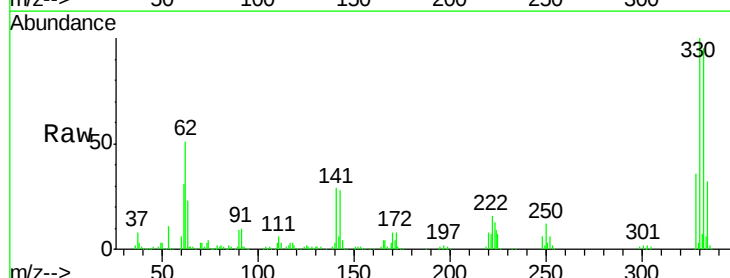
Tgt Ion:330 Resp: 447764

Ion Ratio Lower Upper

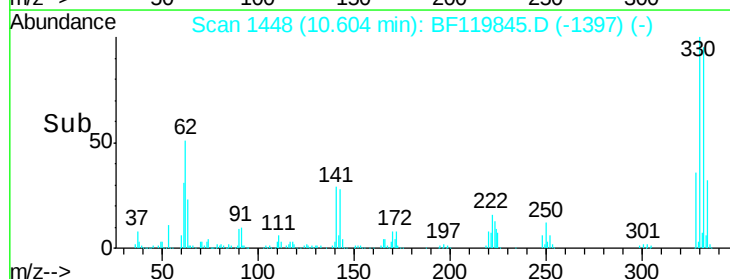
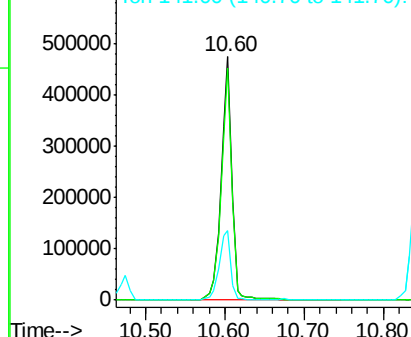
330 100

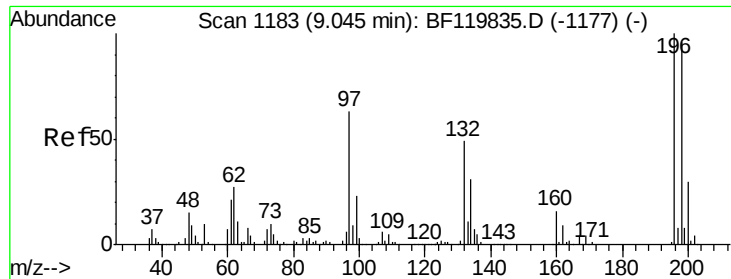
332 95.2 76.8 115.2

141 31.0 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

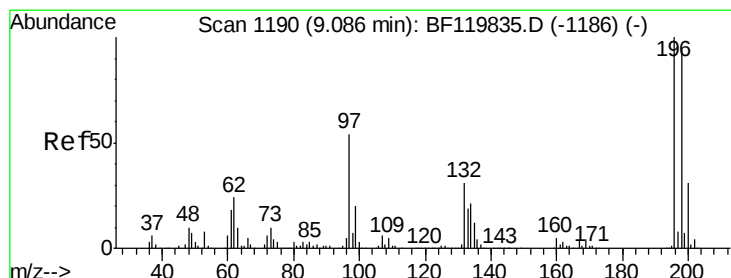
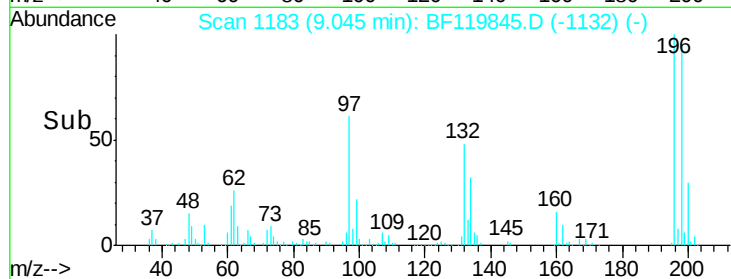
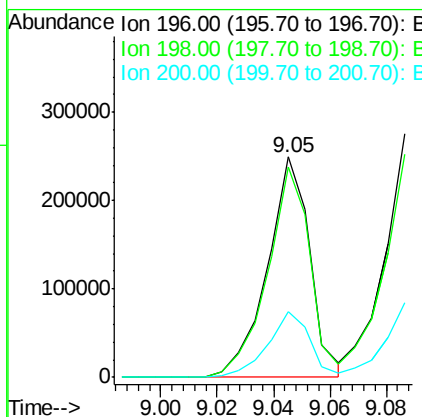
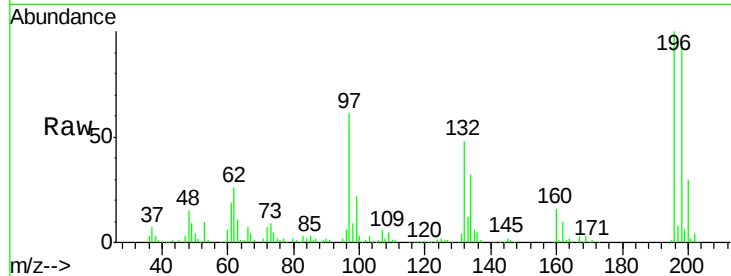




#43
 2,4,6-Trichlorophenol
 Concen: 43.069 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

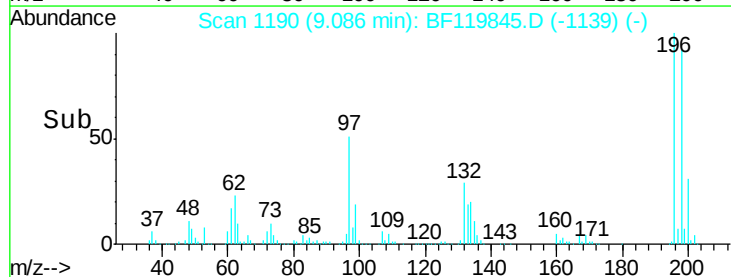
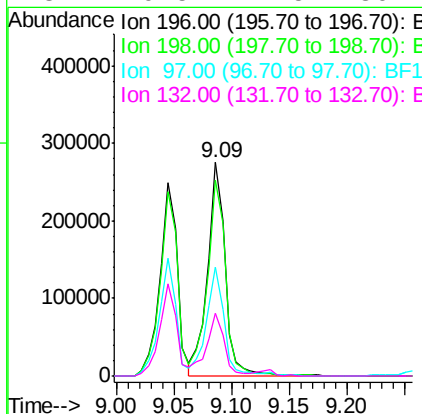
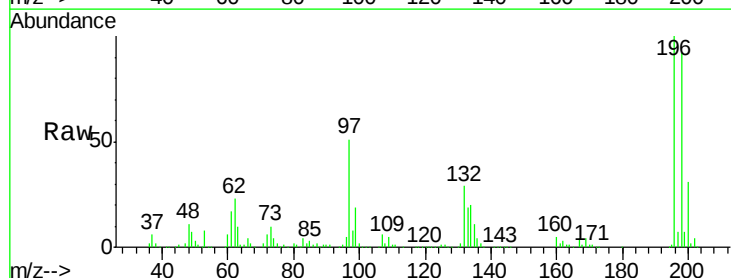
Instrument :
 BNA_F
 ClientSampled :

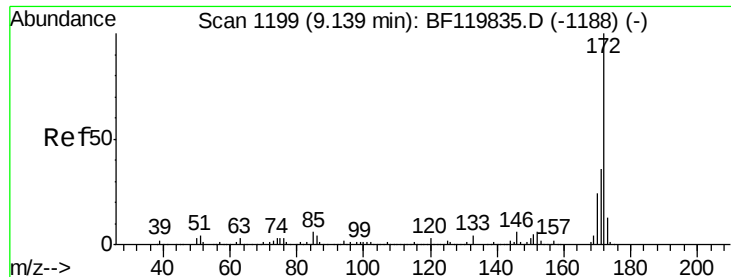
Tot Ion:196 Resp: 259841
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 115.0
 200 30.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.109 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion:196 Resp: 292929
 Ion Ratio Lower Upper
 196 100
 198 91.9 75.1 112.7
 97 51.0 43.4 65.2
 132 29.5 24.5 36.7

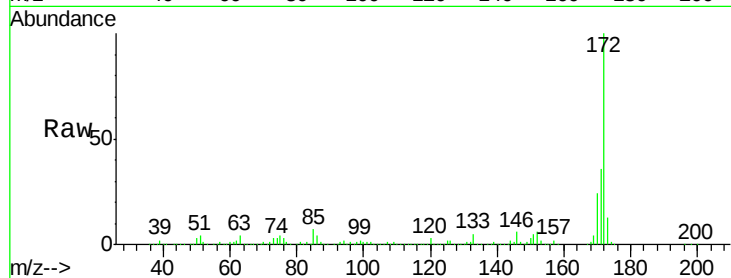




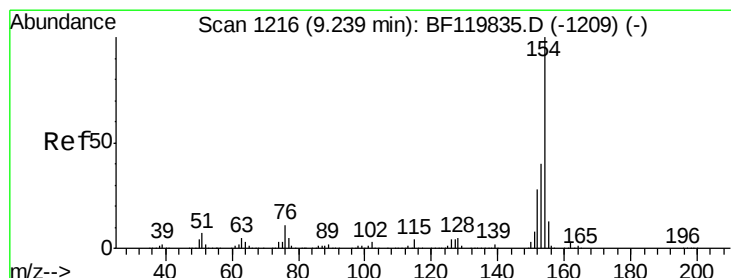
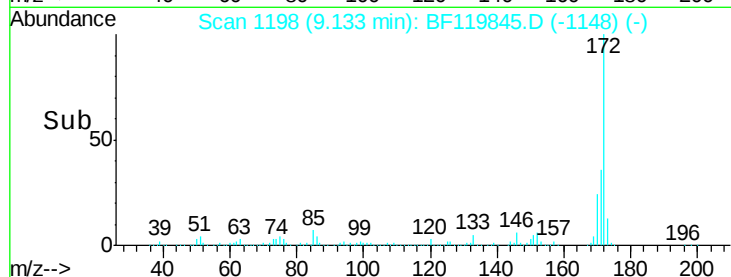
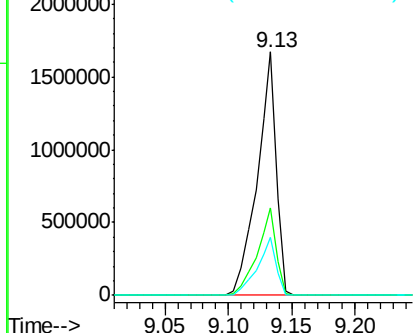
#45
2-Fluorobiphenyl
Concen: 90.223 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1757821
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 24.1 19.4 29.2

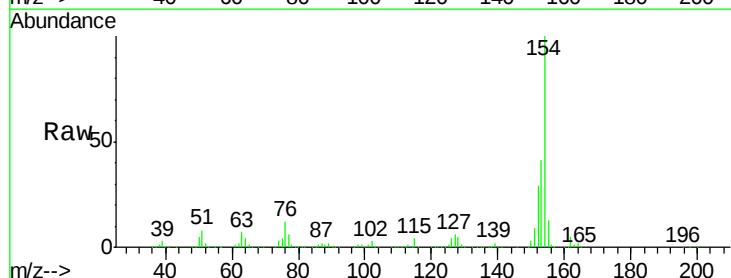


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

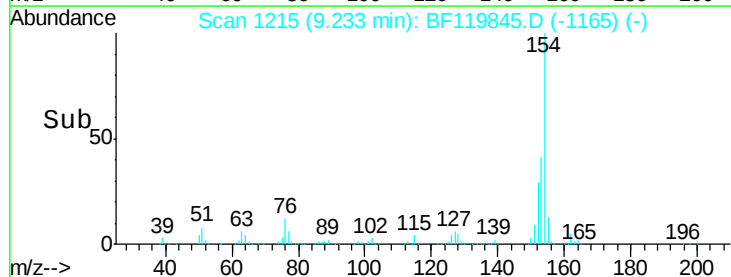
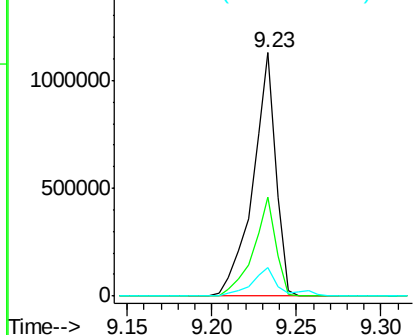


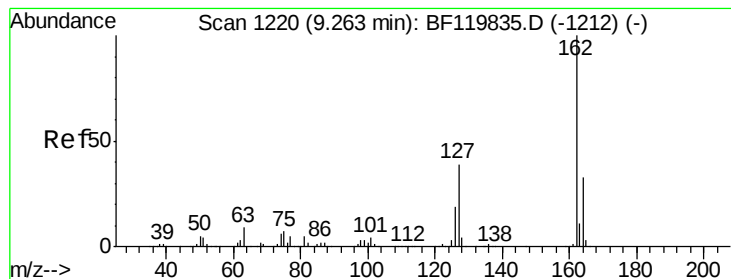
#46
1,1'-Biphenyl
Concen: 45.860 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:154 Resp: 1070753
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 12.0 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: 45.565 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

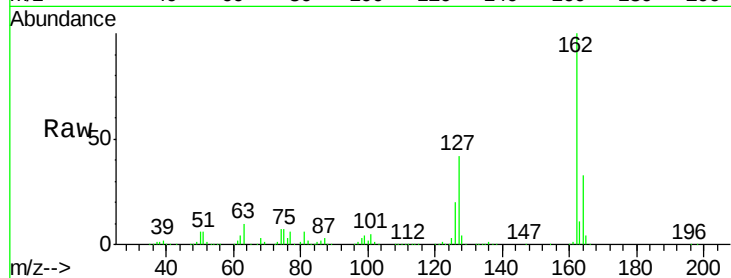
Tot Ion:162 Resp: 819541

Ion Ratio Lower Upper

162 100

127 41.5 31.2 46.8

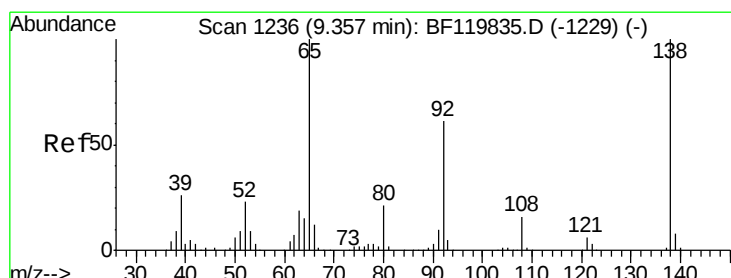
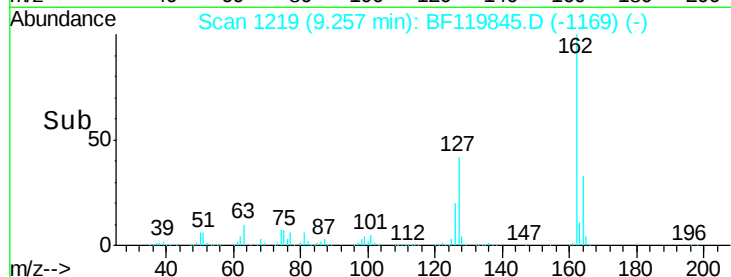
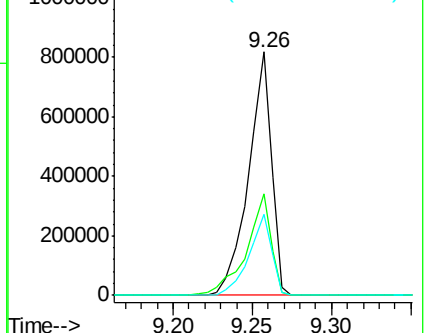
164 33.2 26.3 39.5



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: 46.341 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

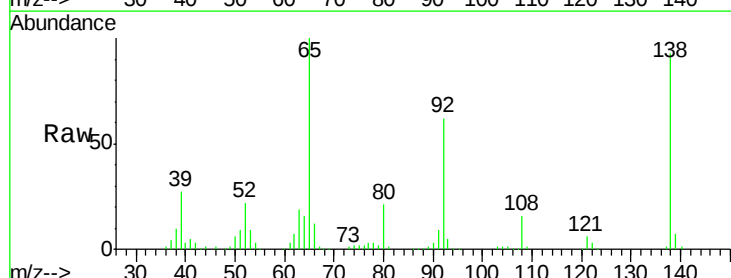
Tgt Ion: 65 Resp: 302050

Ion Ratio Lower Upper

65 100

92 62.1 49.0 73.6

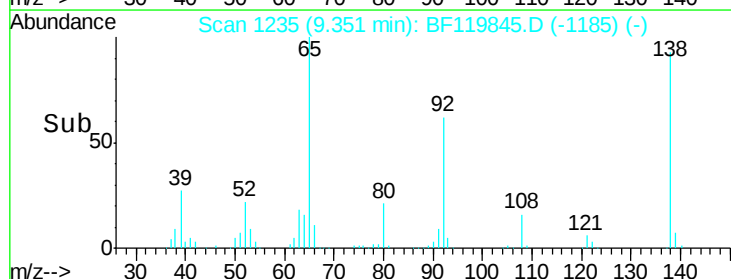
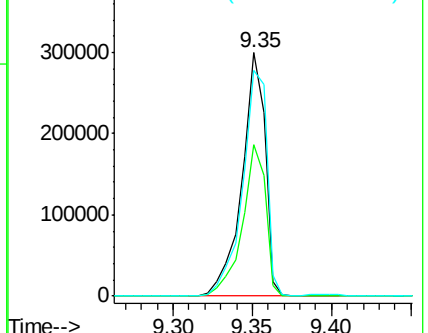
138 92.6 79.7 119.5

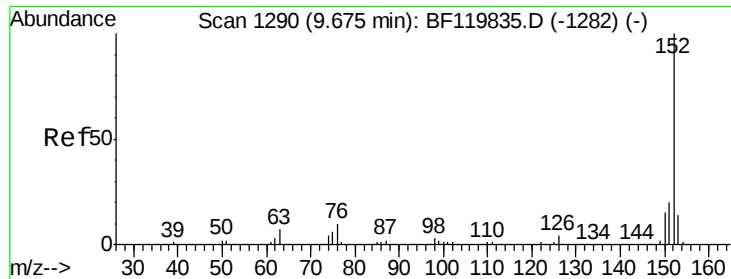


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.069 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

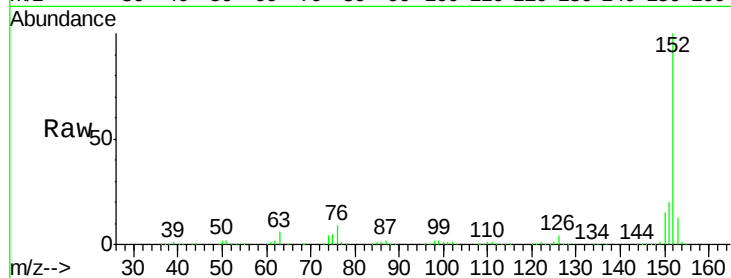
Tot Ion:152 Resp: 1314860

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

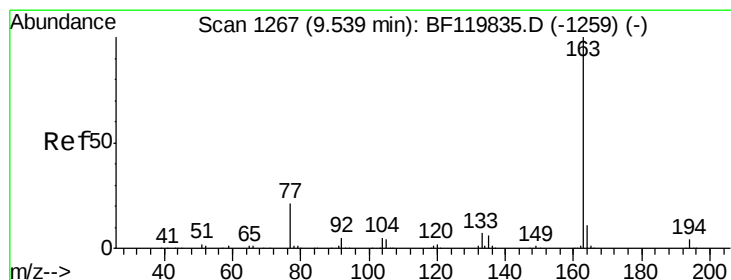
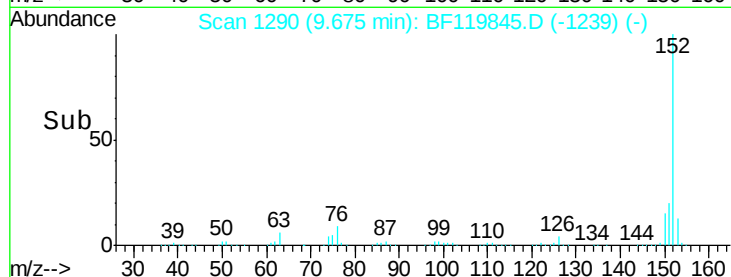
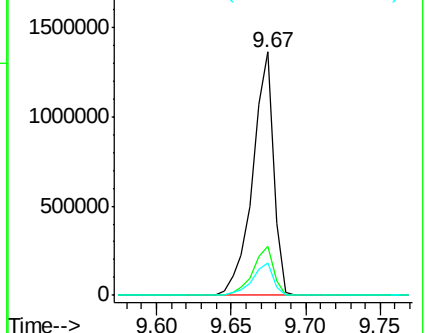
153 13.1 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.661 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

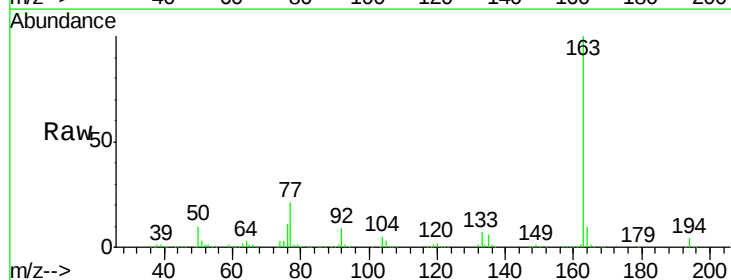
Tgt Ion:163 Resp: 998353

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

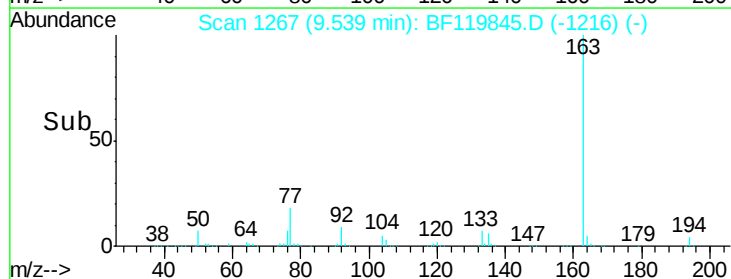
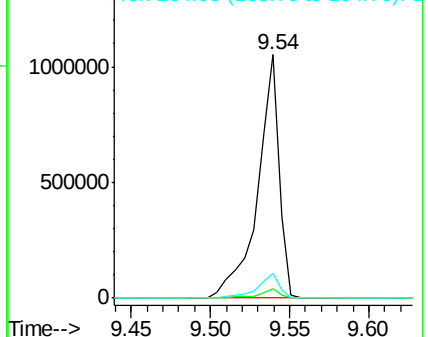
164 10.1 8.4 12.6

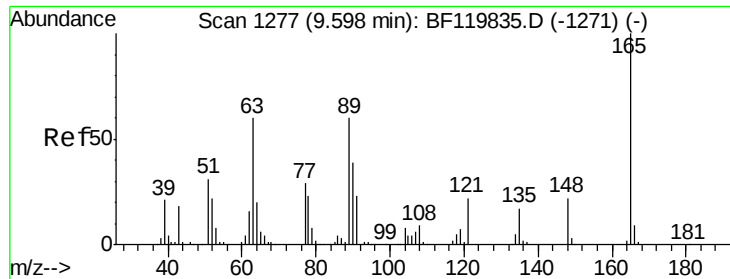


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.388 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

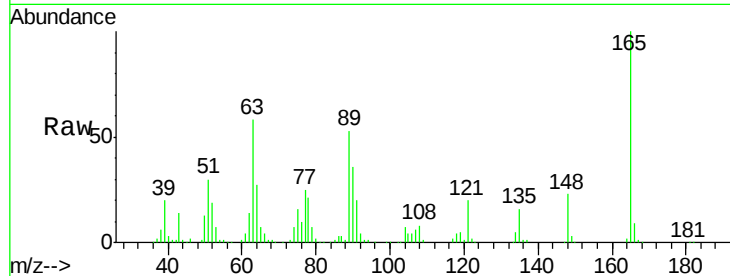
Tot Ion:165 Resp: 222030

Ion Ratio Lower Upper

165 100

63 57.9 55.6 83.4

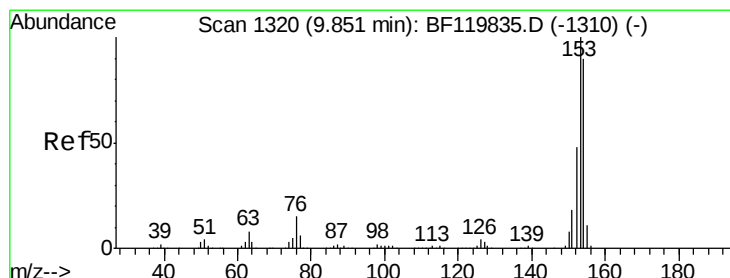
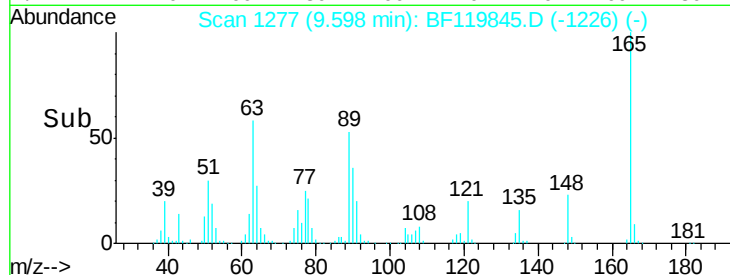
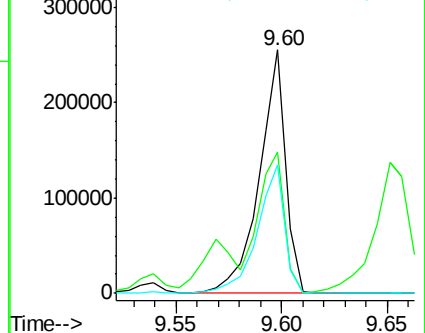
89 52.7 47.9 71.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.439 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

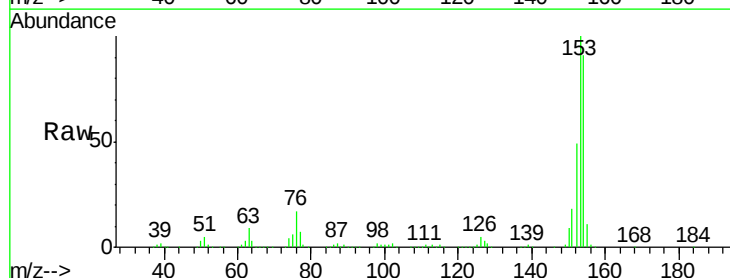
Tgt Ion:154 Resp: 756117

Ion Ratio Lower Upper

154 100

153 109.4 88.8 133.2

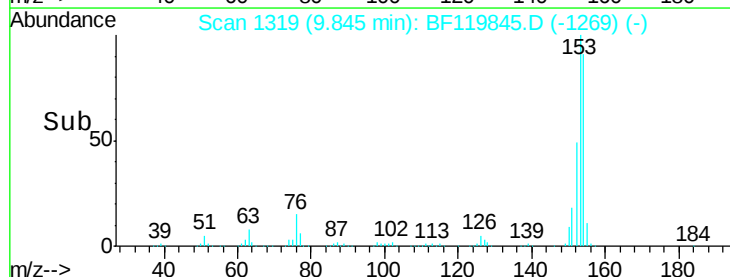
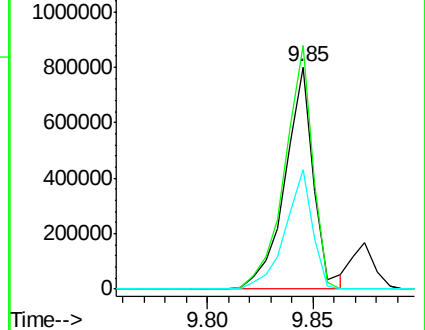
152 53.4 42.4 63.6

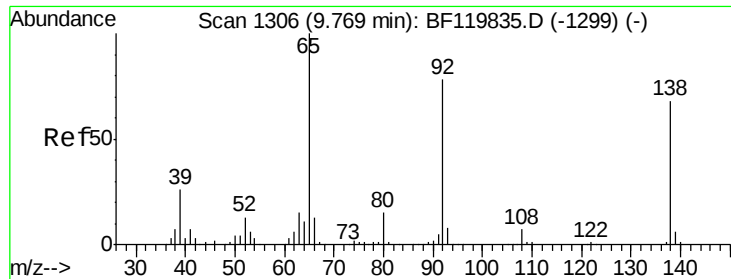


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

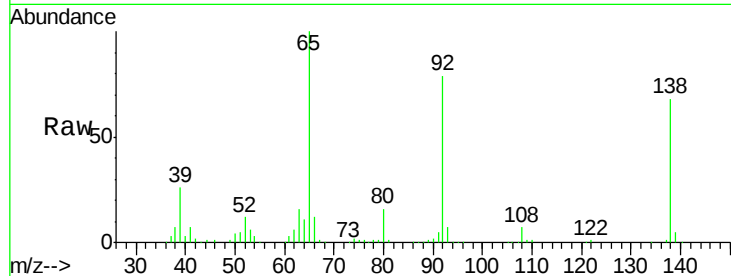




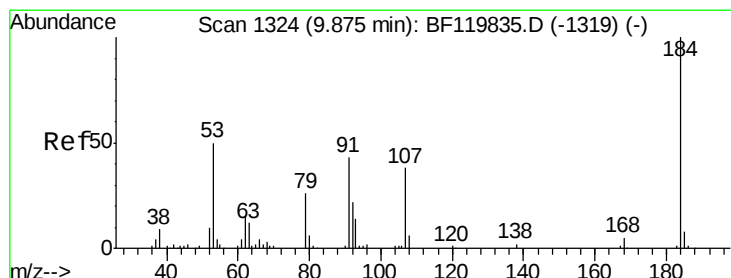
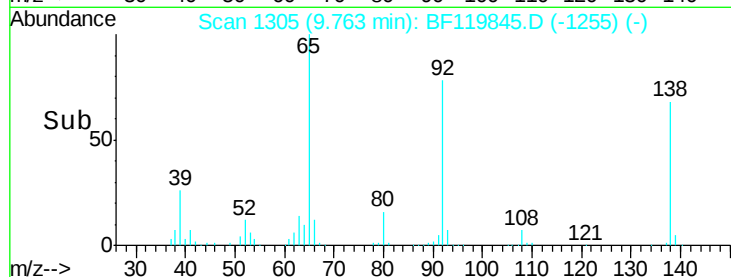
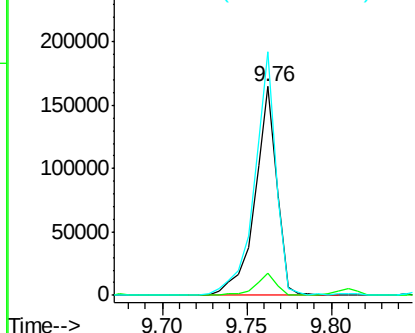
#53
 3-Nitroaniline
 Concen: 27.971 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 149679
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.0 12.0
 92 116.7 92.1 138.1

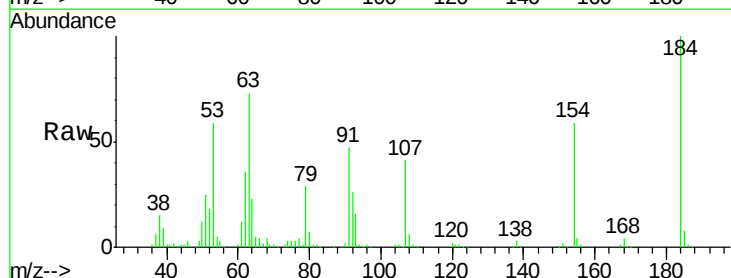


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

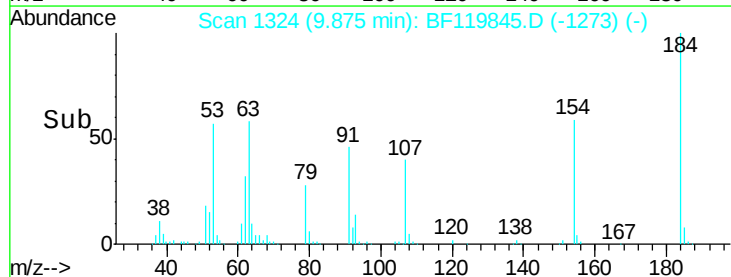
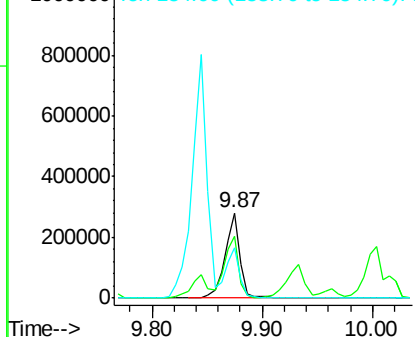


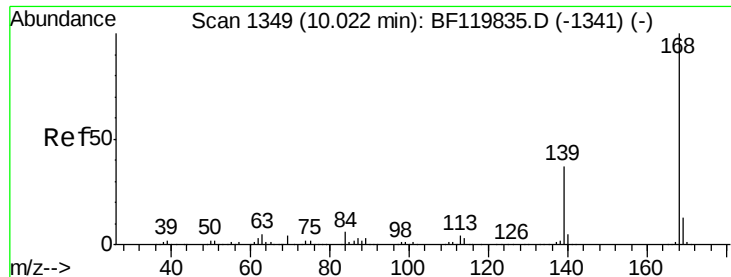
#54
 2,4-Dinitrophenol
 Concen: 94.300 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion:184 Resp: 264524
 Ion Ratio Lower Upper
 184 100
 63 72.9 49.8 74.6
 154 58.8 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: 48.095 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

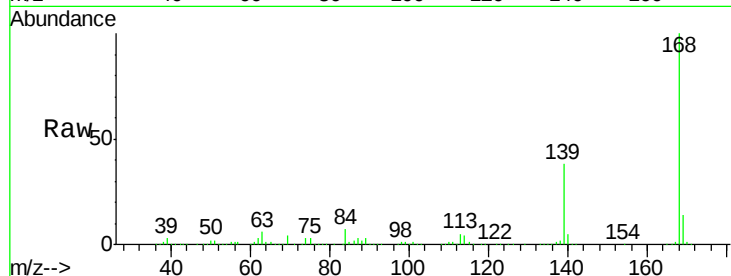
Tot Ion:168 Resp: 1204249

Ion Ratio Lower Upper

168 100

139 38.5 29.8 44.6

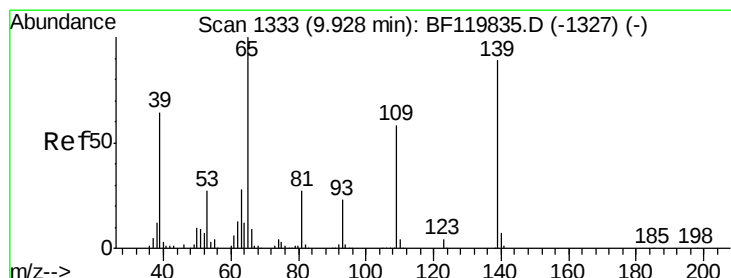
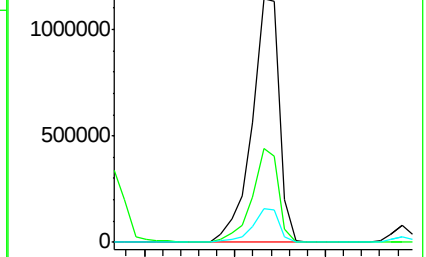
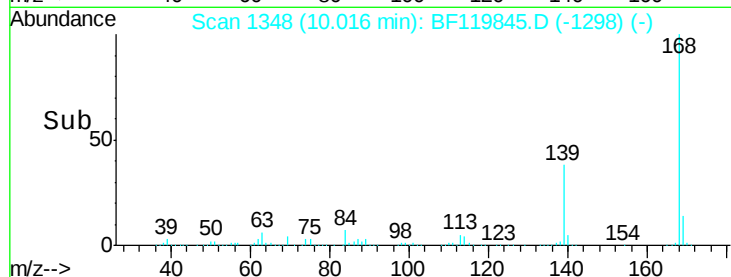
169 14.0 10.6 15.8



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: 97.785 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

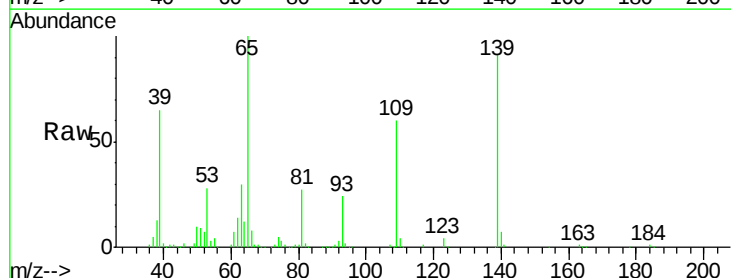
Tgt Ion:139 Resp: 389334

Ion Ratio Lower Upper

139 100

109 65.7 45.5 85.5

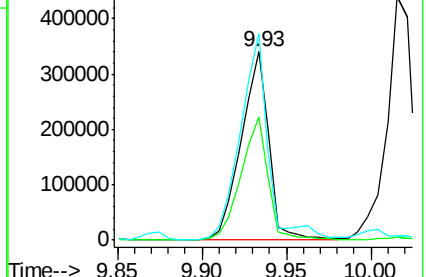
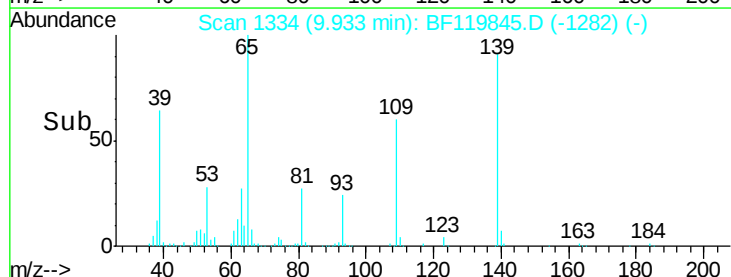
65 109.4 92.3 132.3

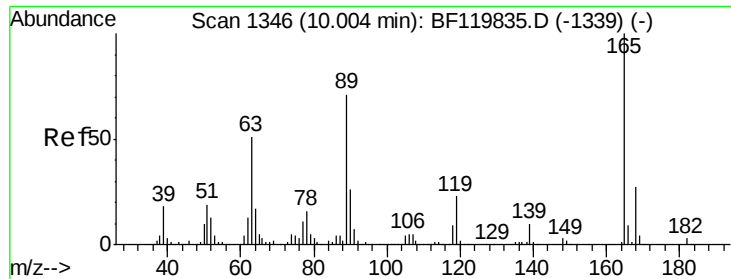


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

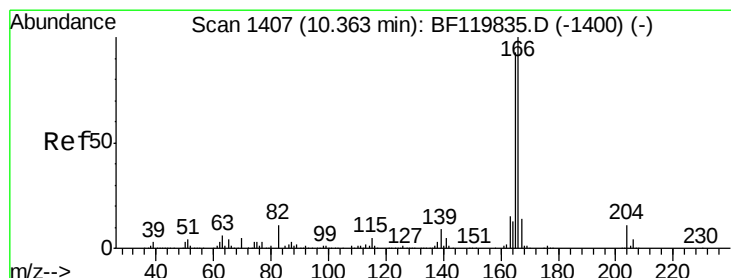
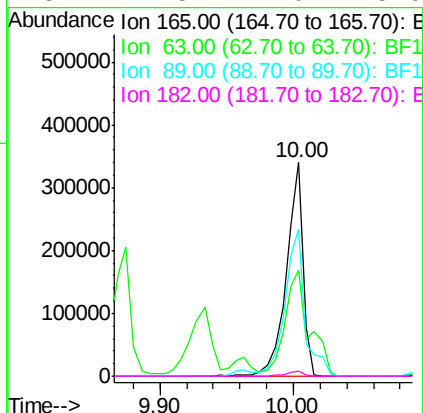
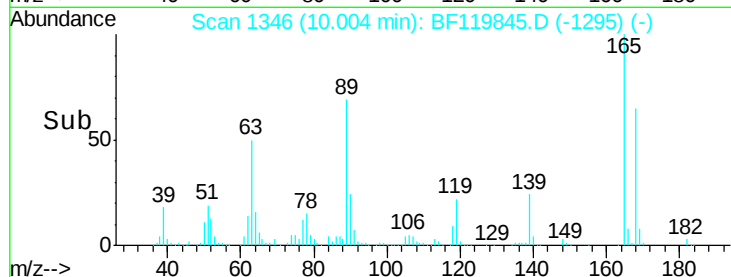
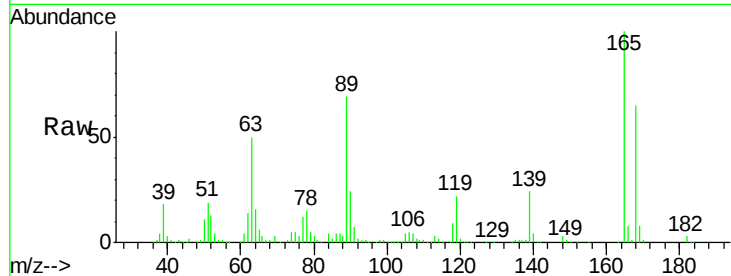




#57
2,4-Dinitrotoluene
Concen: 48.795 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

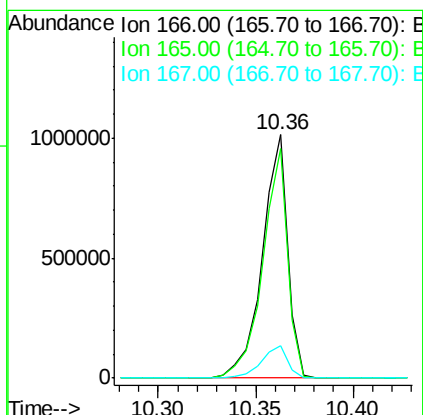
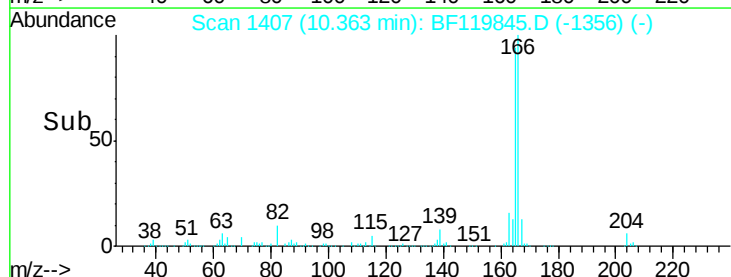
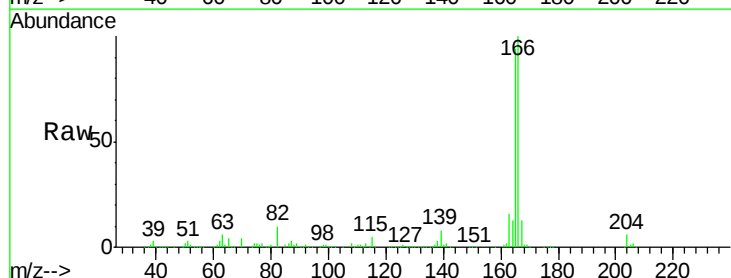
Instrument :
BNA_F
ClientSampleId :

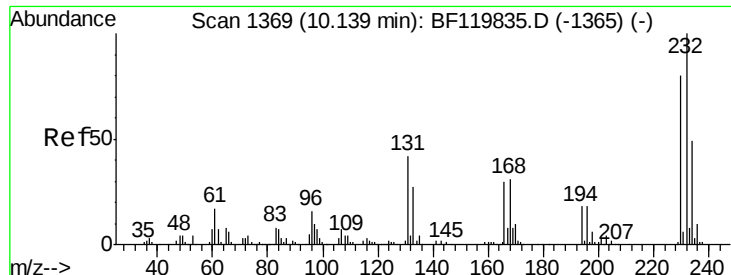
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		301216		
63	49.8	40.8	61.2		
89	69.1	56.9	85.3		
182	2.5	2.0	3.0		



#58
Fluorene
Concen: 45.510 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		911336		
165	94.1	74.2	111.2		
167	13.5	10.8	16.2		

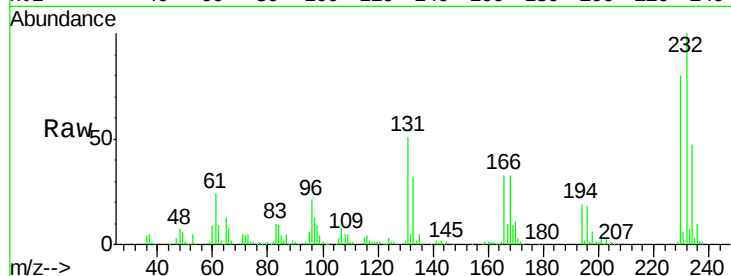




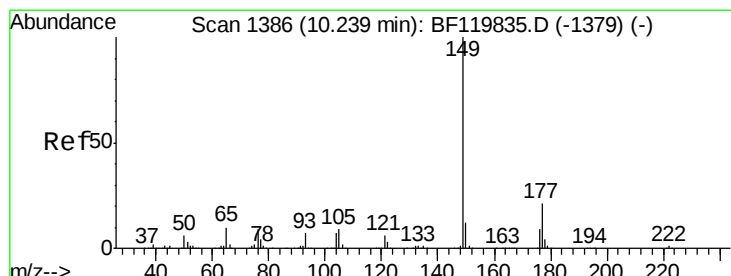
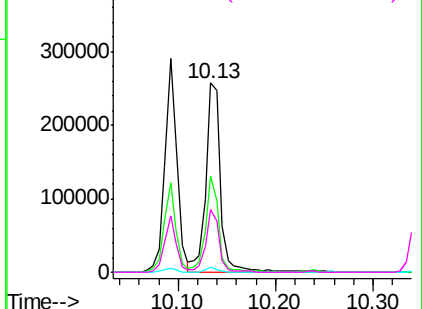
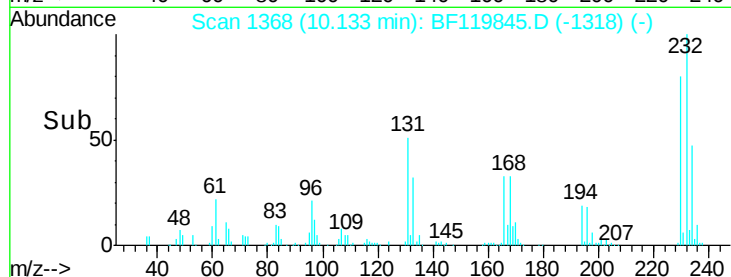
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.363 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.9	56.9
130	1.9	1.8	2.6
166	30.0	25.4	38.0

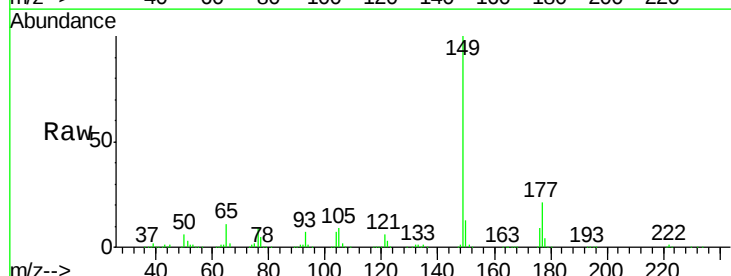


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

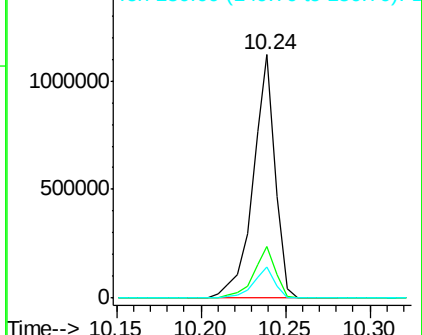
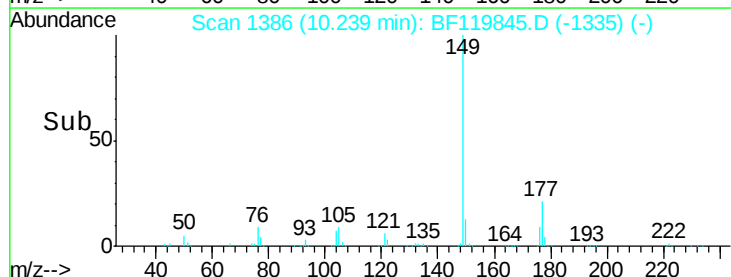


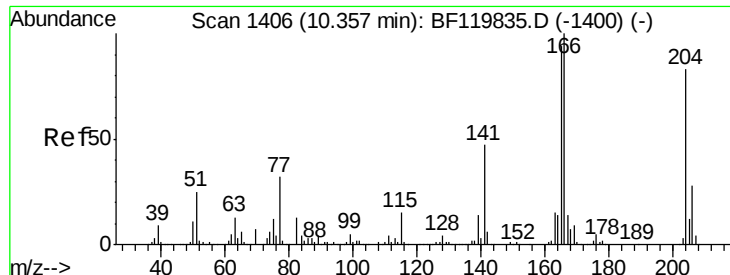
#60
 Diethylphthalate
 Concen: 45.959 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.8	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

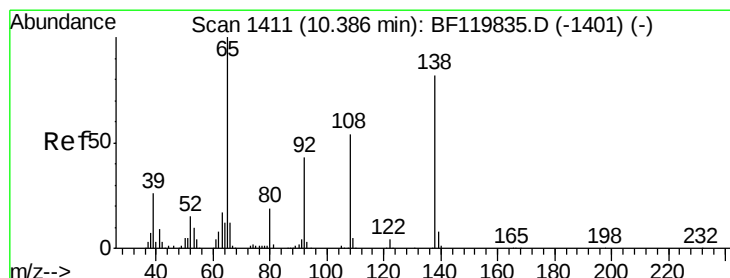
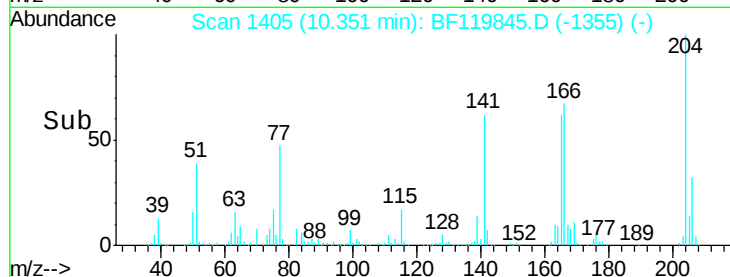
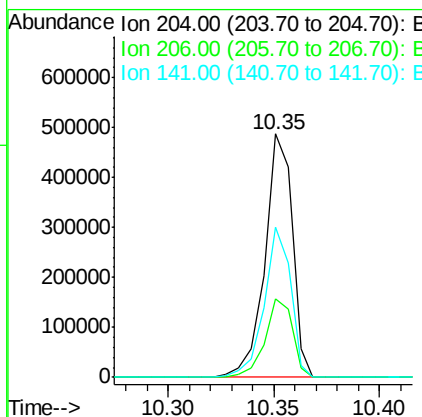
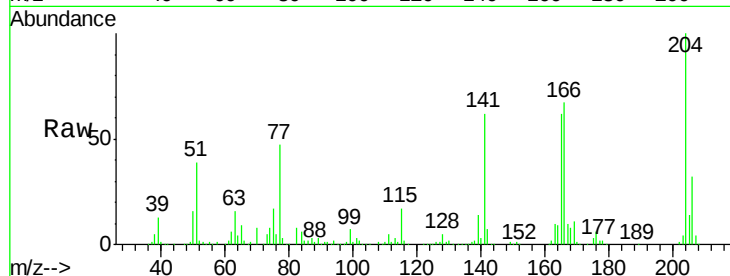




#61
 4-Chlorophenyl-phenylether
 Concen: 43.073 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

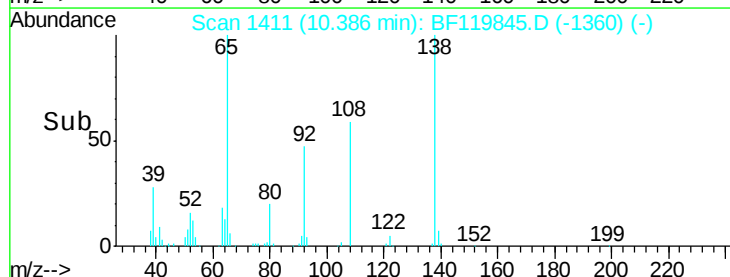
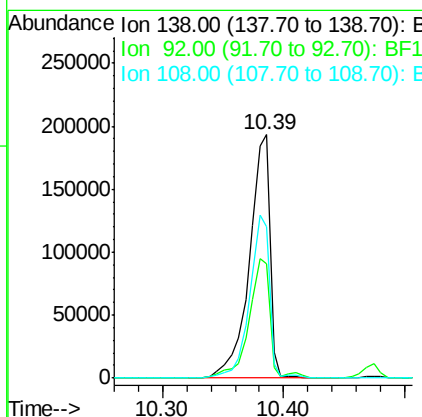
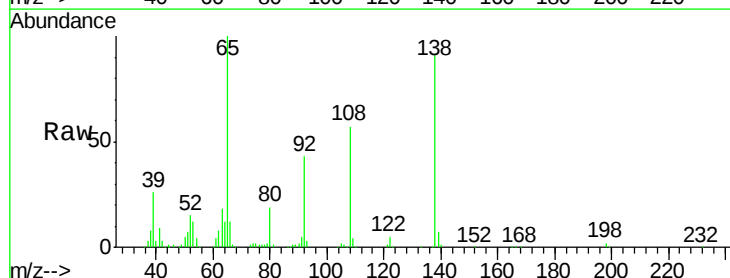
Instrument :
 BNA_F
 ClientSampled :

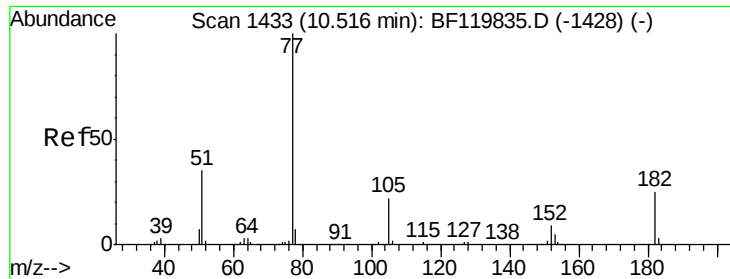
Tot Ion:204 Resp: 442074
 Ion Ratio Lower Upper
 204 100
 206 32.1 26.7 40.1
 141 61.8 45.8 68.8



#62
 4-Nitroaniline
 Concen: 45.386 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion:138 Resp: 231454
 Ion Ratio Lower Upper
 138 100
 92 46.8 31.6 71.6
 108 62.3 45.2 85.2

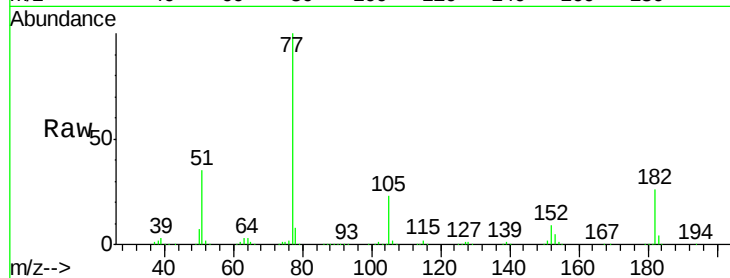




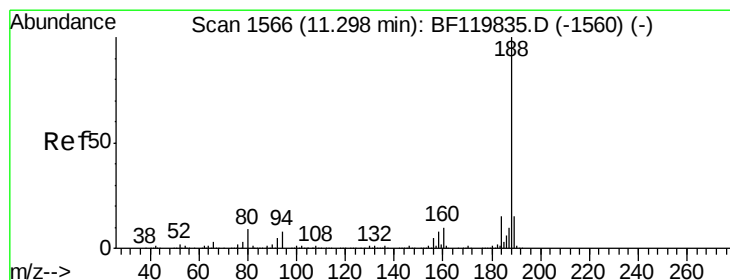
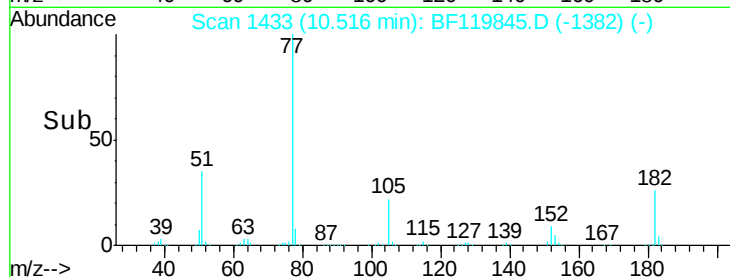
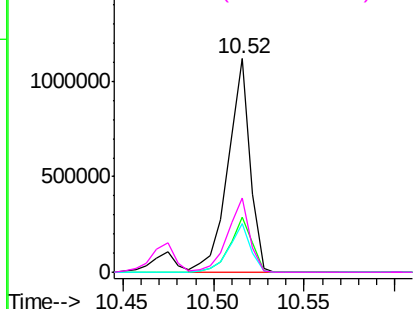
#63
Azobenzene
Concen: 47.635 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 946662
Ion Ratio Lower Upper
77 100
182 25.5 4.5 44.5
105 22.7 2.2 42.2
51 34.7 15.1 55.1

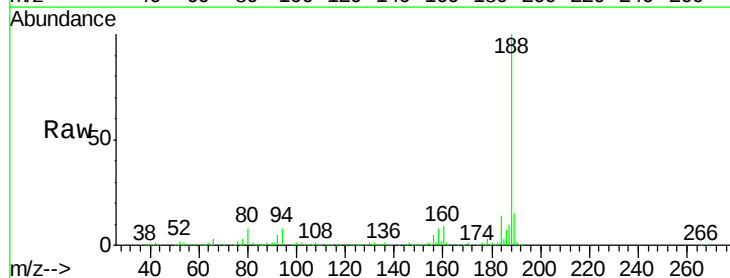


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

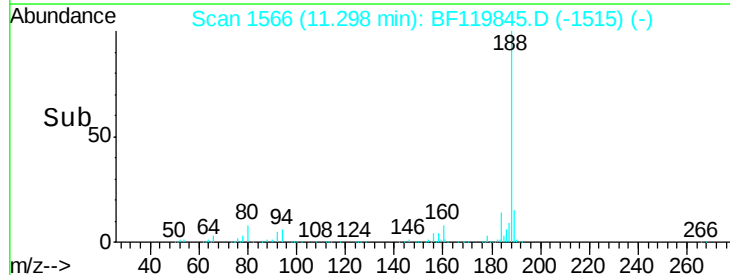
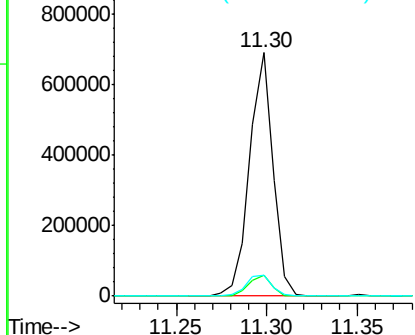


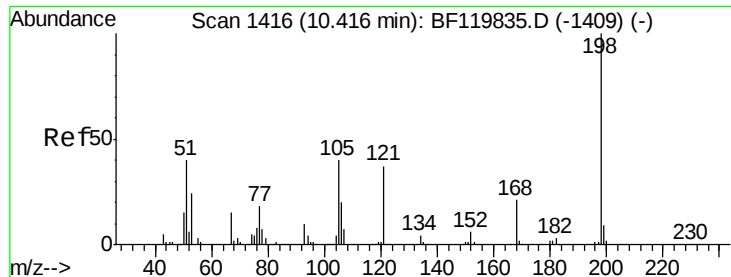
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion: 188 Resp: 621758
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.4 7.4 11.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.964 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

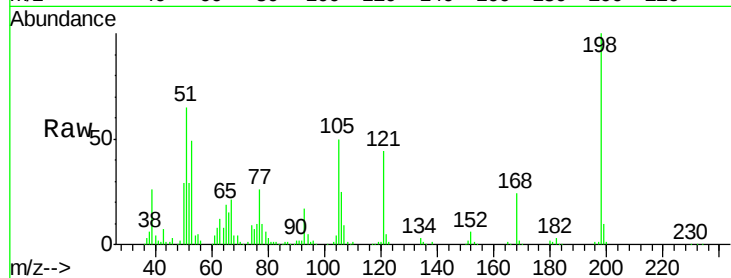
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 167795

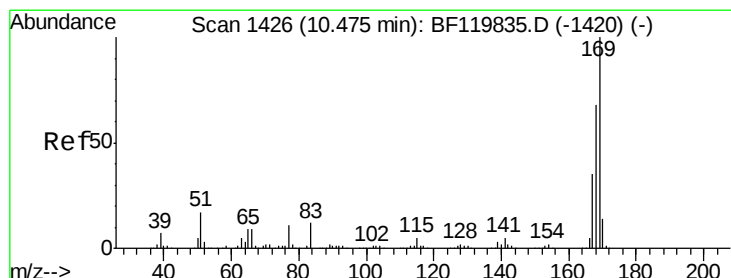
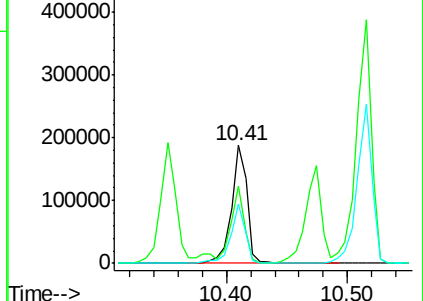
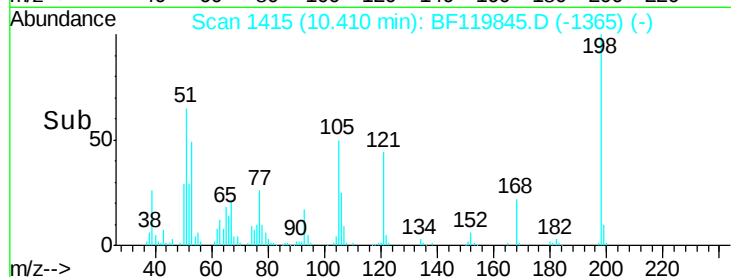
Ion	Ratio	Lower	Upper
198	100		
51	65.1	25.2	65.2
105	49.9	20.8	60.8



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: 40.981 ng

RT: 10.47 min Scan# 1426

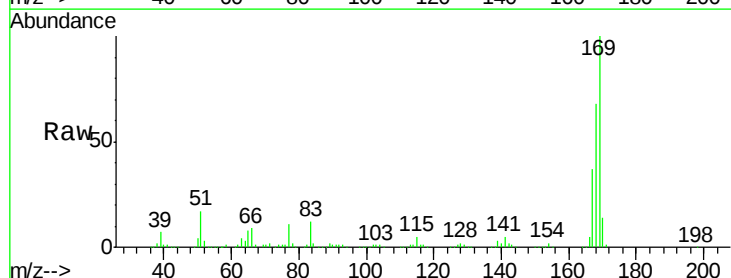
Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Tgt Ion:169 Resp: 847401

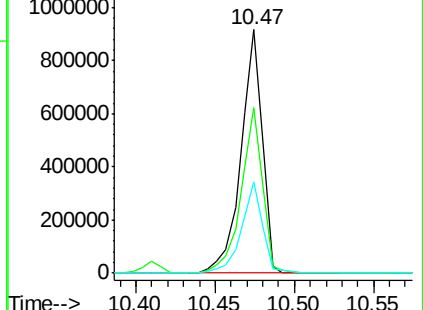
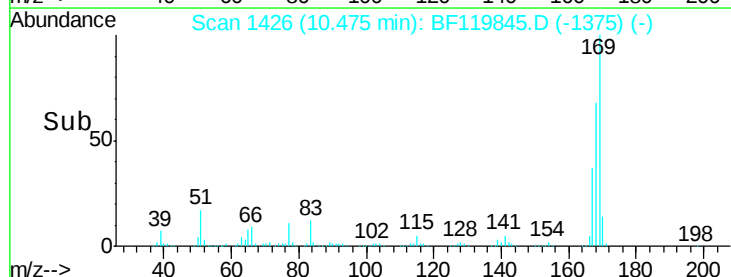
Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.2	81.4
167	37.3	28.3	42.5

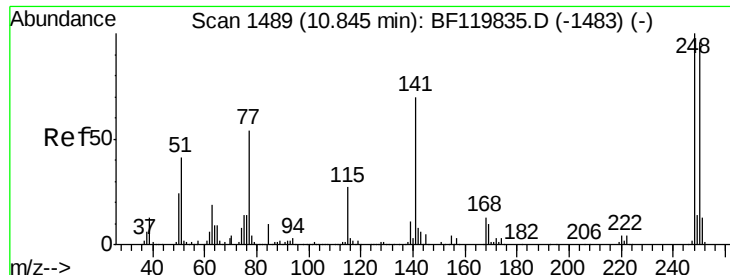


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

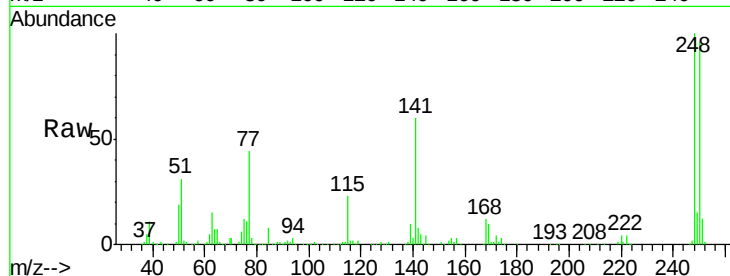




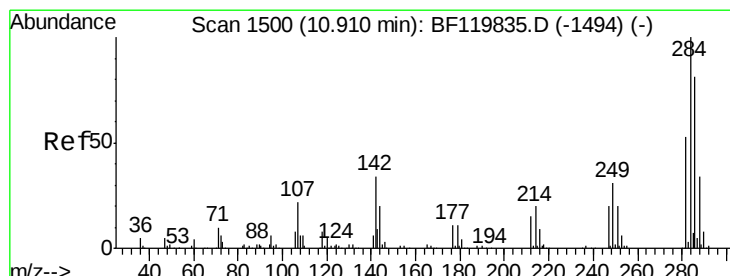
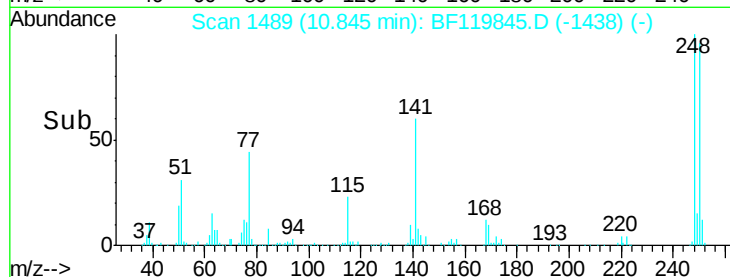
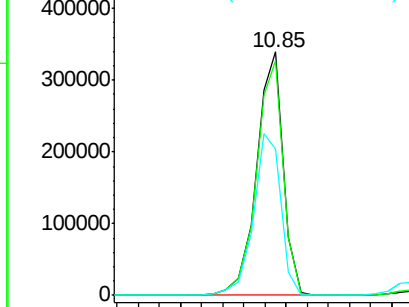
#67
 4-Bromophenyl-phenylether
 Concen: 38.447 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.6	114.8
141	60.3	55.9	83.9

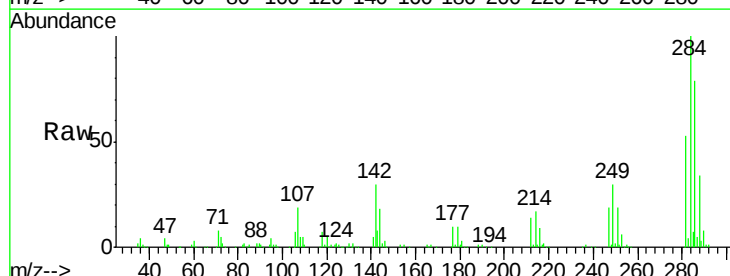


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

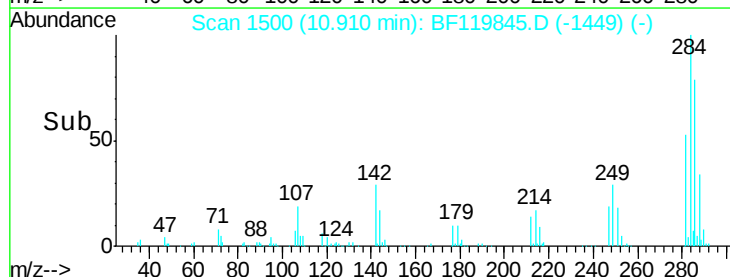
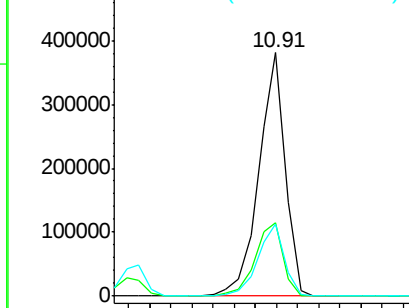


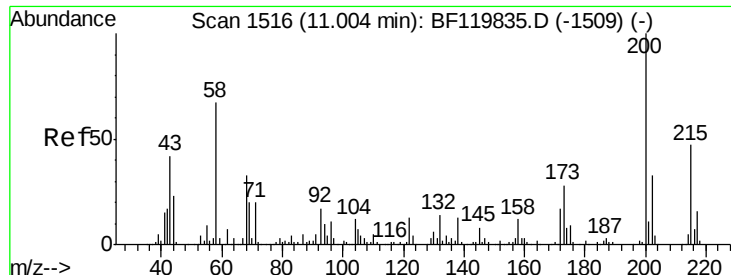
#68
 Hexachlorobenzene
 Concen: 42.023 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	26.9	40.3
249	29.8	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

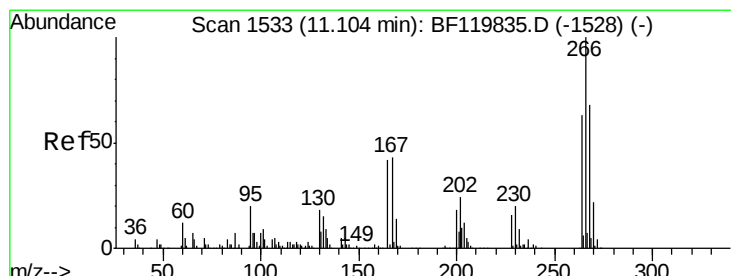
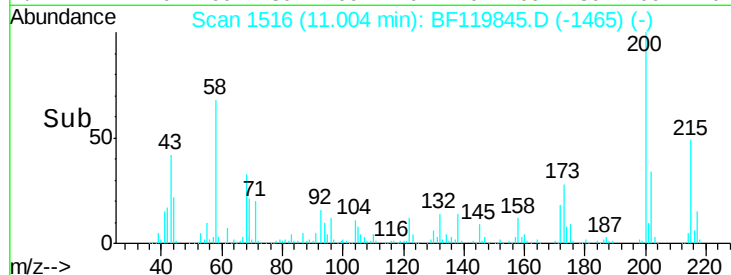
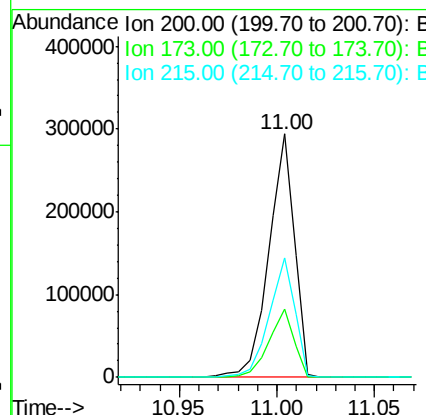
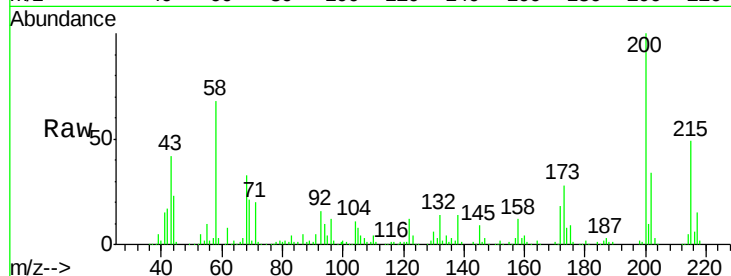




#69
Atrazine
Concen: 46.389 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

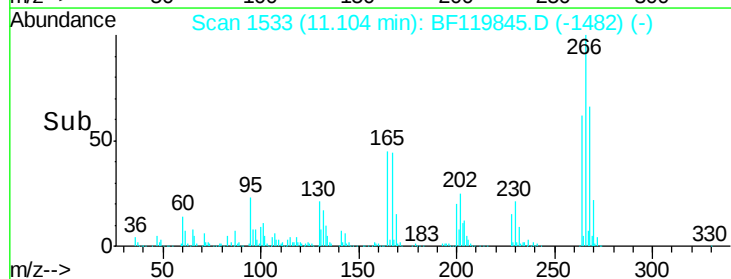
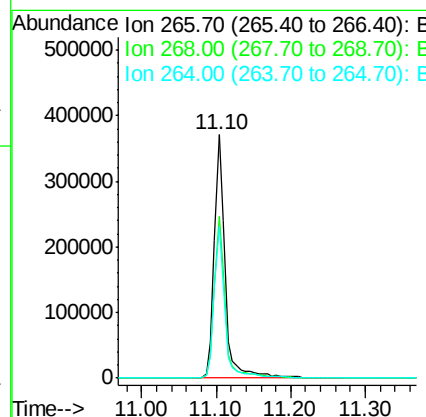
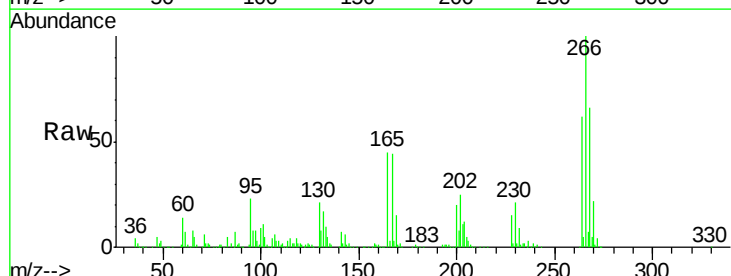
Instrument :
BNA_F
ClientSampleId :

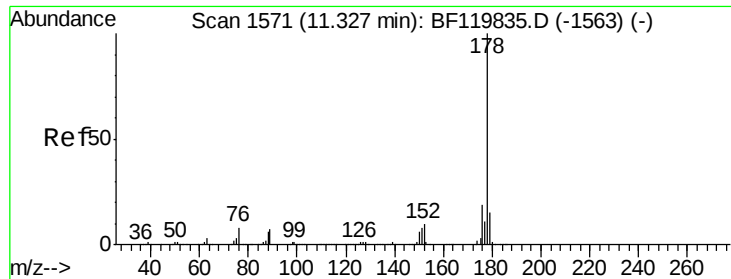
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.0	48.0
215	49.1	27.1	67.1



#70
Pentachlorophenol
Concen: 84.087 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	54.2	81.4
264	62.4	50.6	76.0

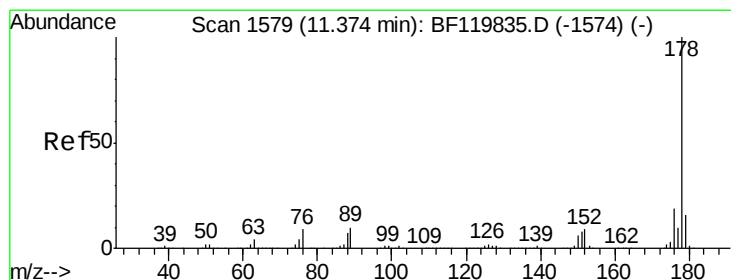
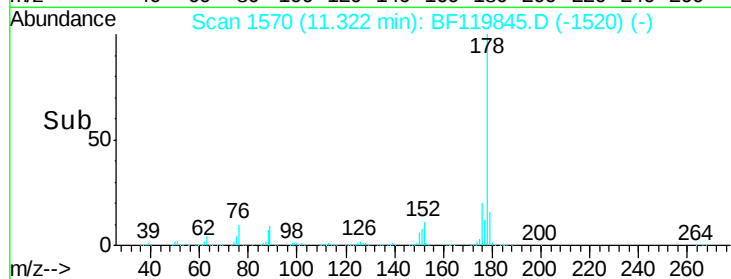
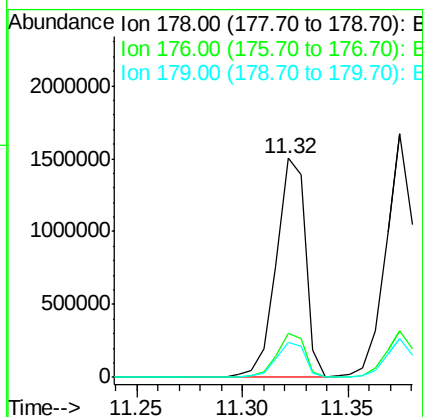
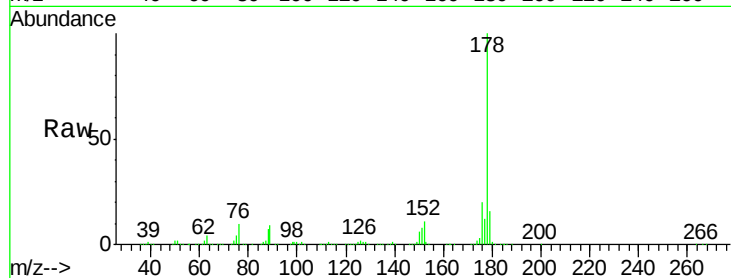




#71
Phenanthrene
Concen: 43.994 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

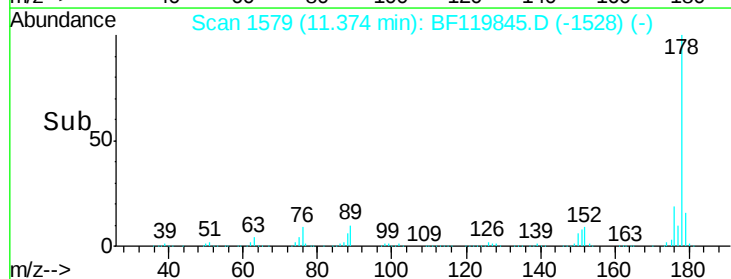
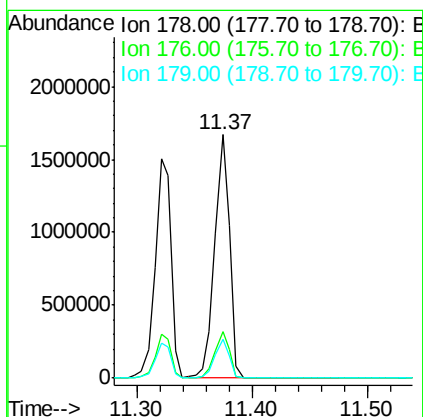
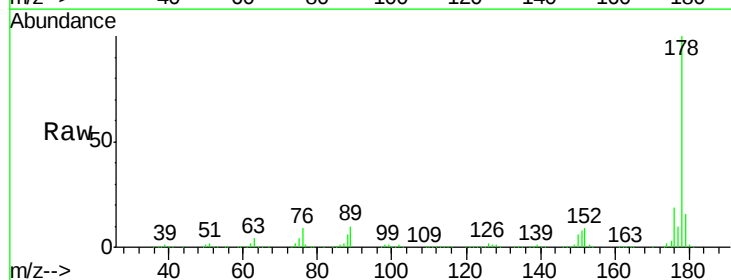
Instrument :
BNA_F
ClientSampleId :

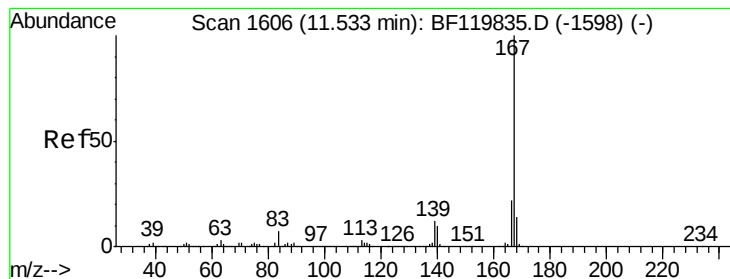
Tot Ion:178 Resp: 1455799
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.9 12.2 18.4



#72
Anthracene
Concen: 43.935 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:178 Resp: 1485175
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.2 12.8 19.2





#73

Carbazole

Concen: 41.197 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

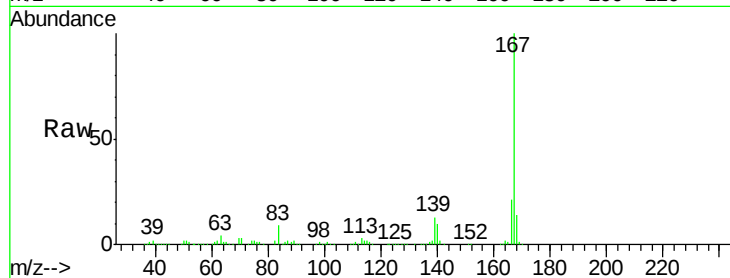
Tot Ion:167 Resp: 1316964

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

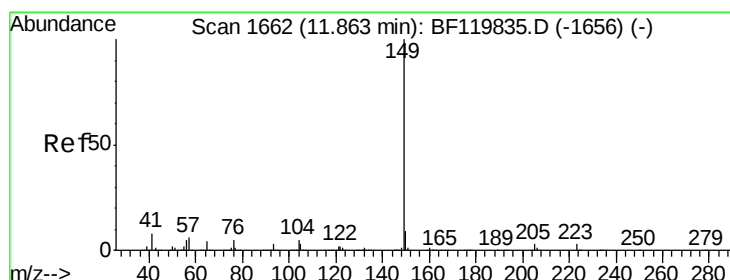
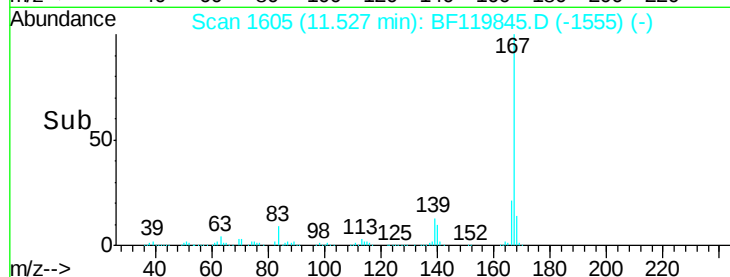
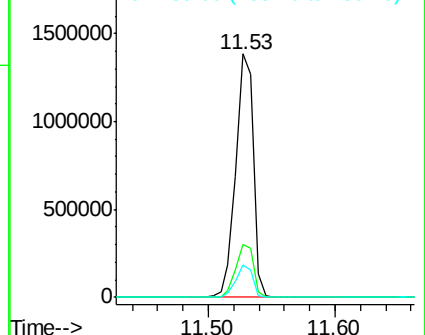
139 13.4 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.105 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

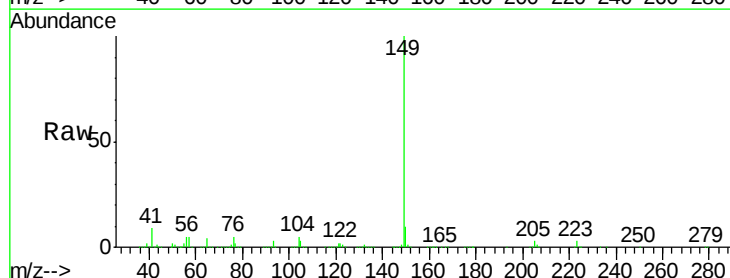
Tgt Ion:149 Resp: 1685408

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

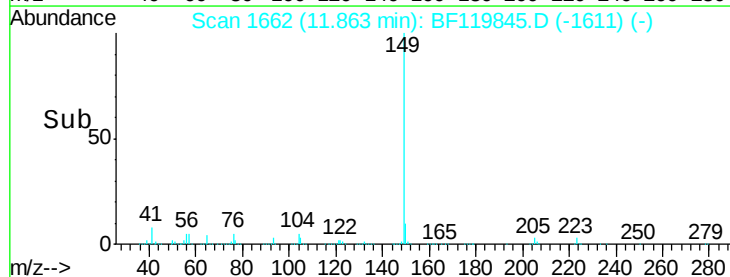
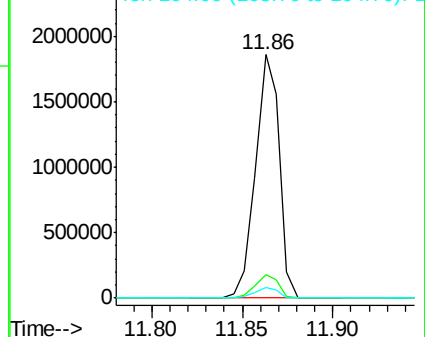
104 4.6 3.8 5.6

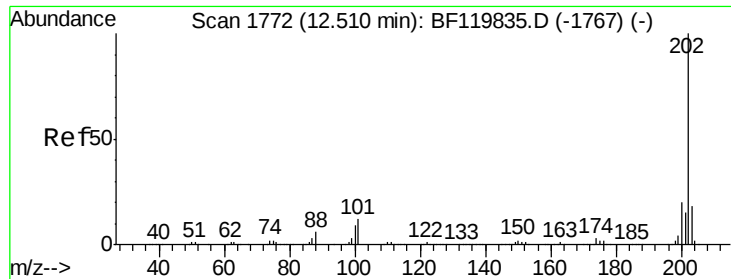


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

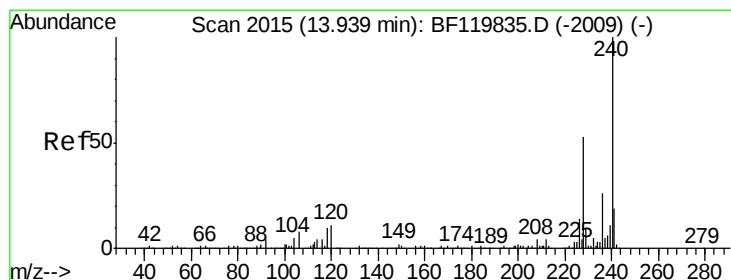
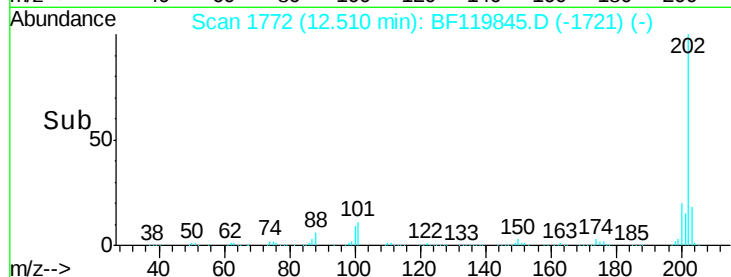
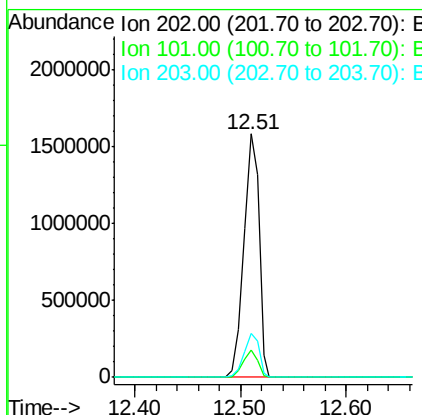
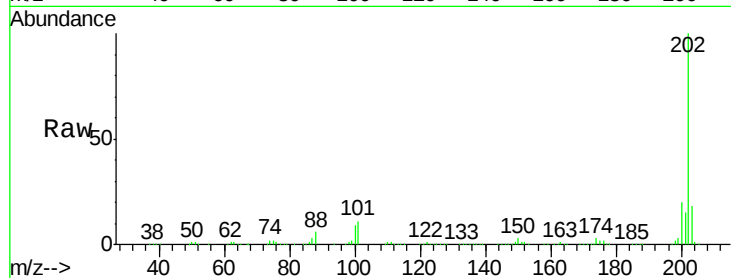




#75
 Fluoranthene
 Concen: 43.555 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

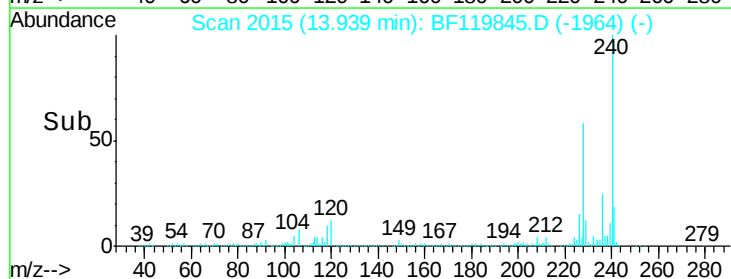
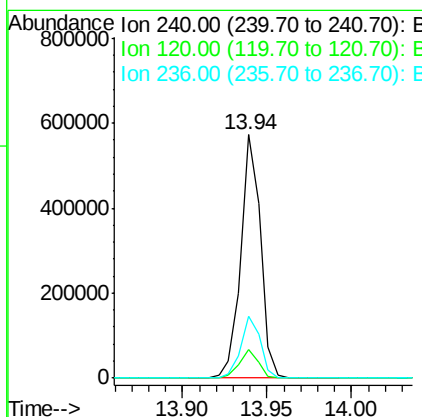
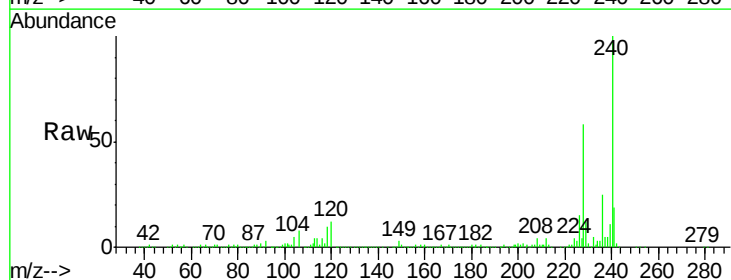
Instrument :
 BNA_F
 ClientSampleId :

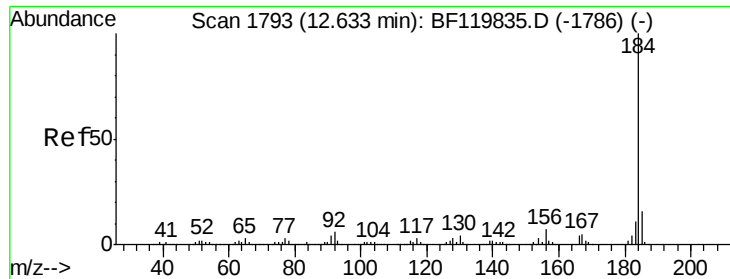
Tot Ion:202 Resp: 1555117
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 32.3
 203 18.1 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF119845.D
 Acq: 9 Apr 2020 1:11

Tgt Ion:240 Resp: 464627
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.0 13.6
 236 25.2 20.7 31.1





#77

Benzidine

Concen: 40.036 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

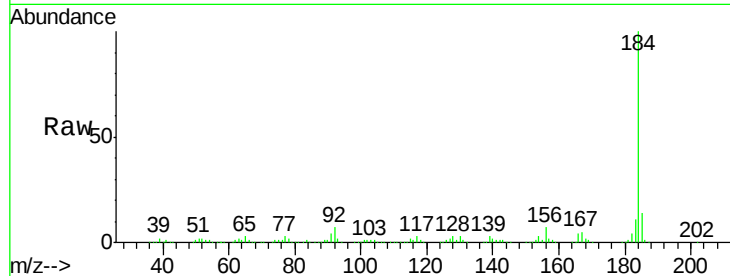
Tot Ion:184 Resp: 628798

Ion Ratio Lower Upper

184 100

185 14.4 13.2 19.8

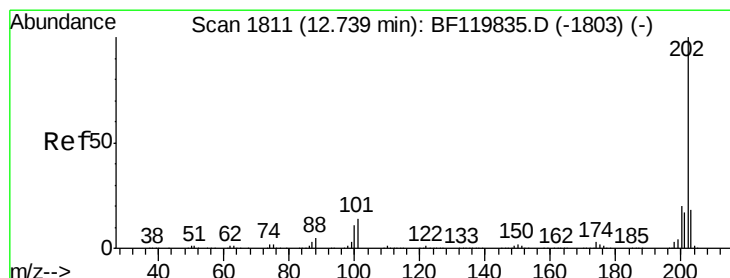
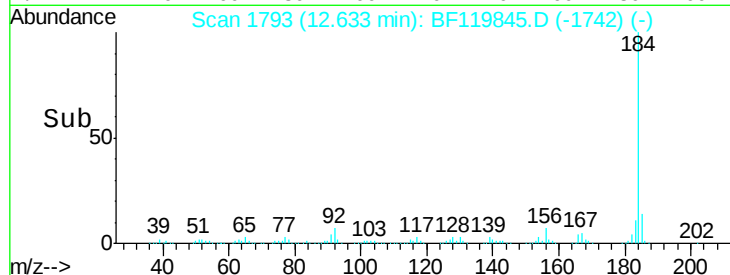
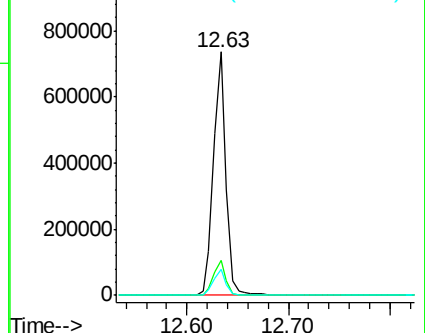
183 10.7 9.1 13.7



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: 39.922 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

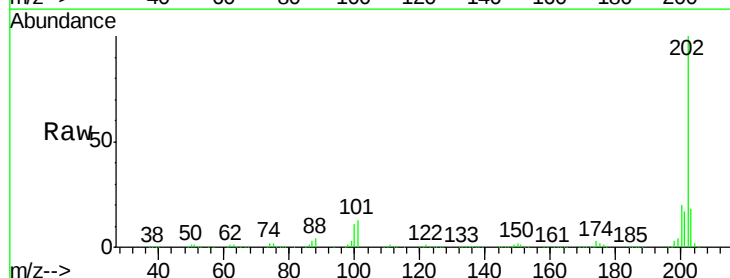
Tgt Ion:202 Resp: 1563686

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

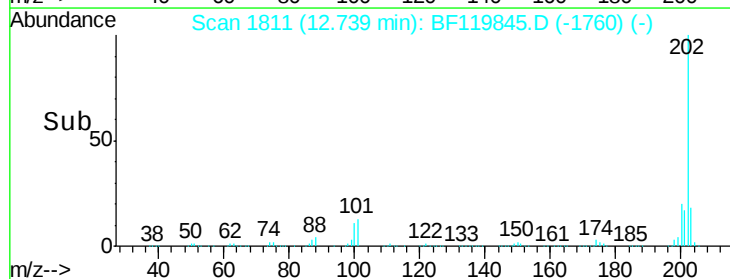
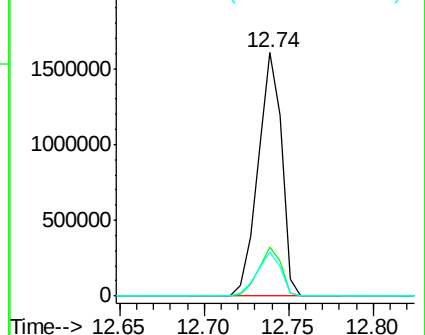
203 18.0 14.1 21.1

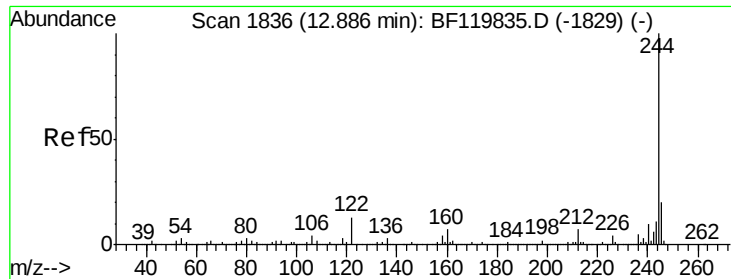


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.356 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampled :

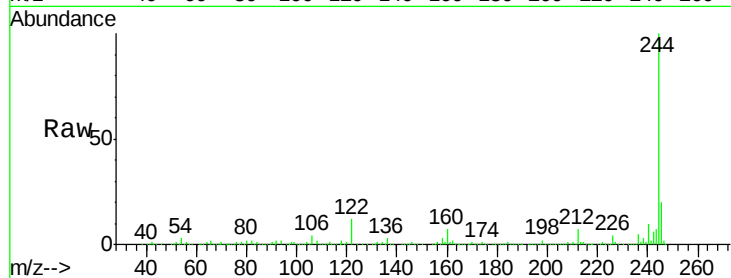
Tot Ion:244 Resp: 2191242

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

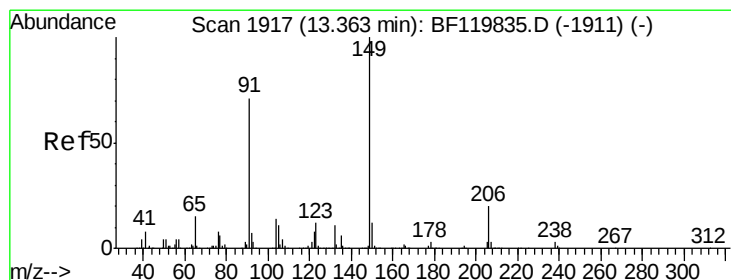
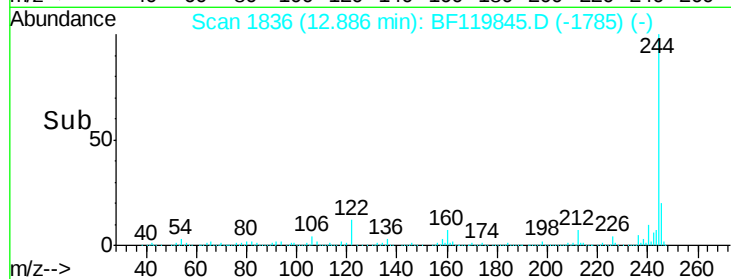
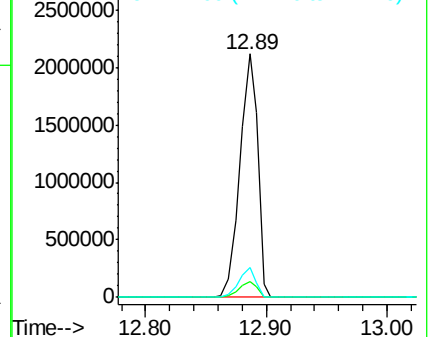
122 12.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.228 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

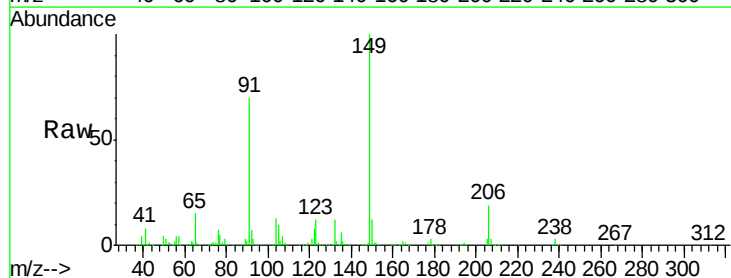
Tgt Ion:149 Resp: 745564

Ion Ratio Lower Upper

149 100

91 70.1 56.7 85.1

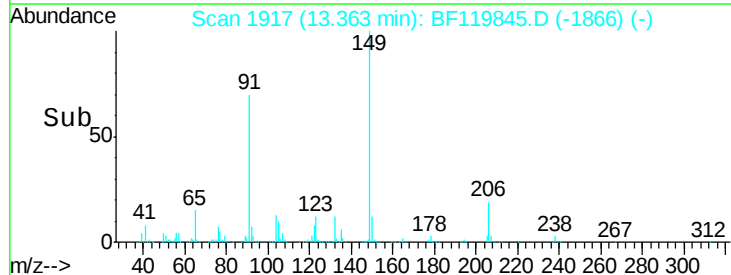
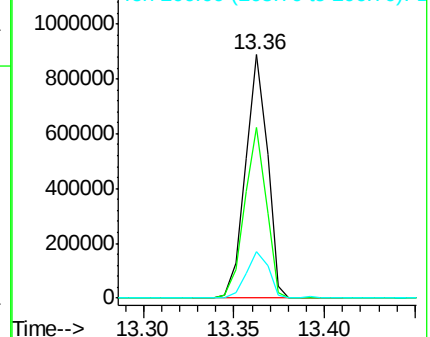
206 19.1 15.7 23.5

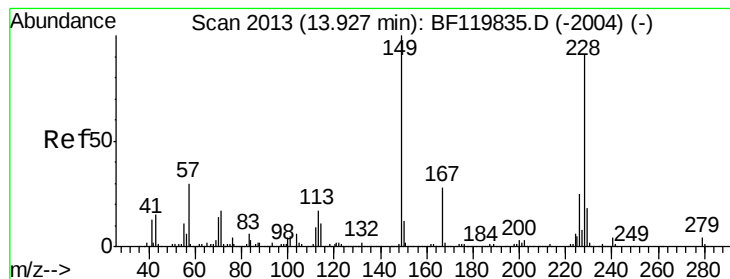


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.160 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

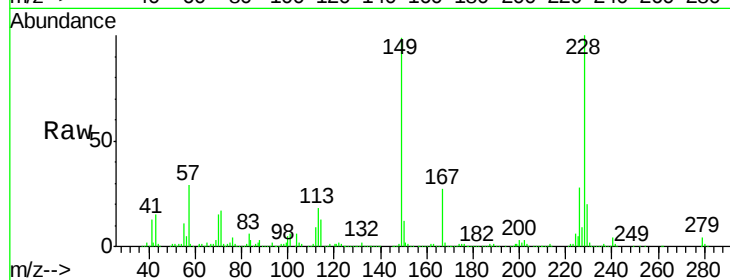
Tot Ion:228 Resp: 1258104

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

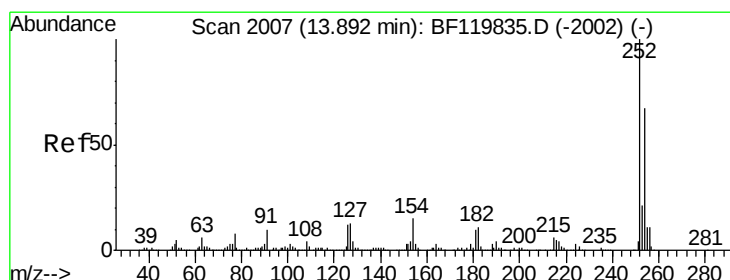
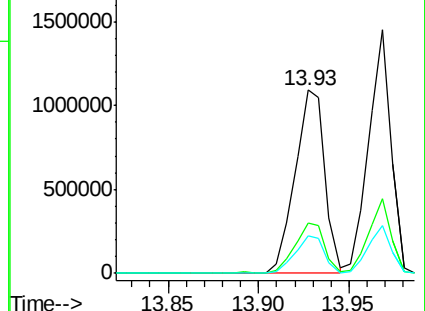
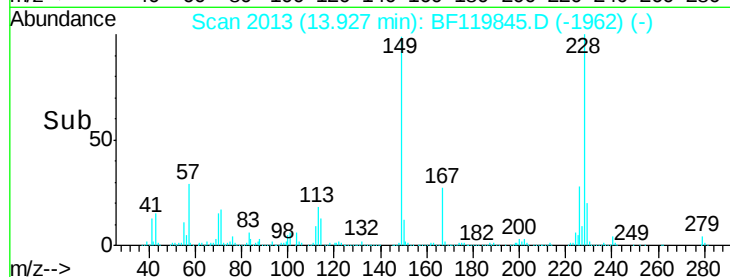
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.314 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

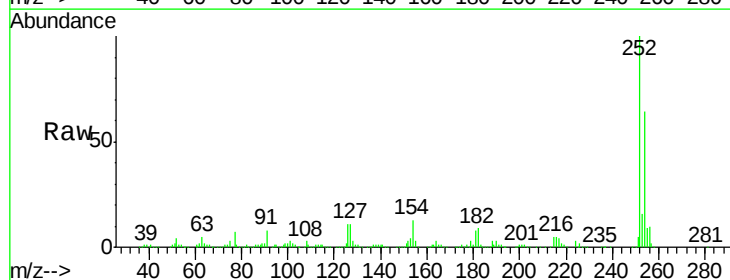
Tgt Ion:252 Resp: 345727

Ion Ratio Lower Upper

252 100

254 64.0 53.9 80.9

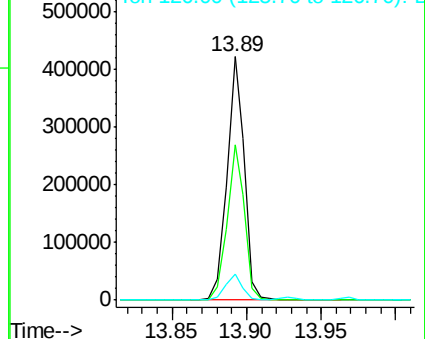
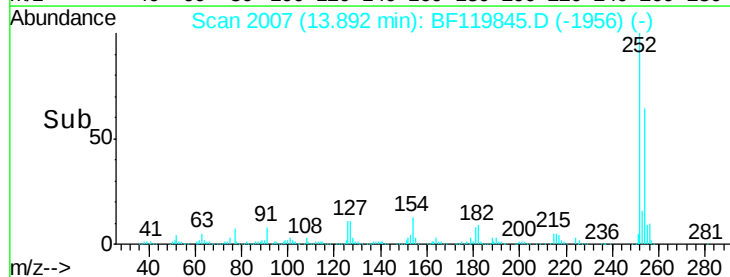
126 10.7 9.7 14.5

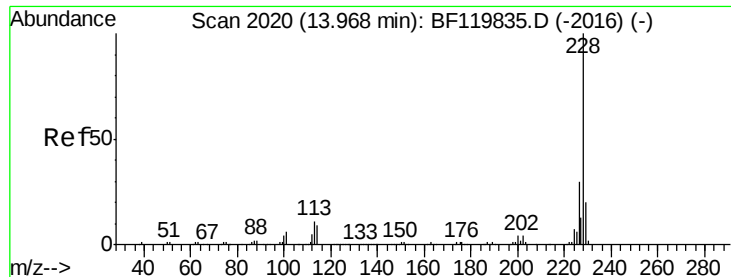


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

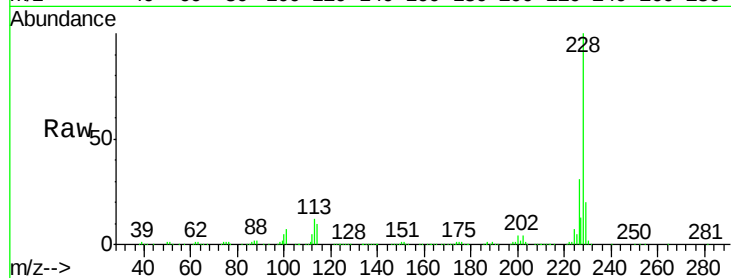




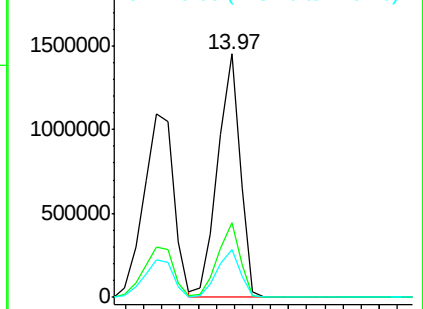
#83
Chrysene
Concen: 40.370 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :

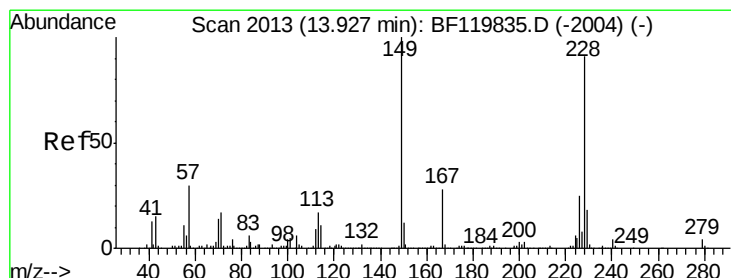
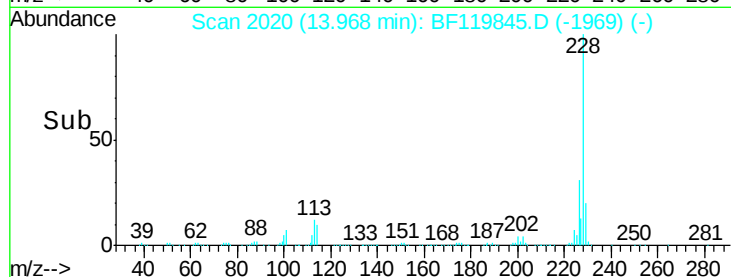
Tot Ion:228 Resp: 1253813
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

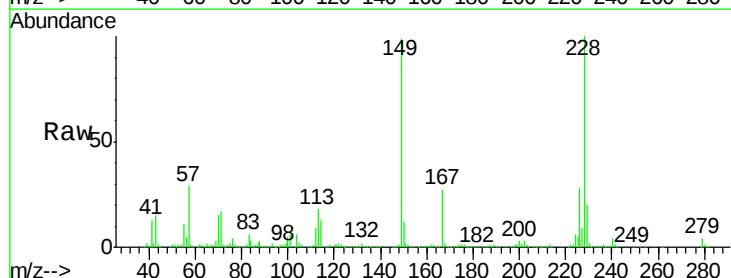


Time-->

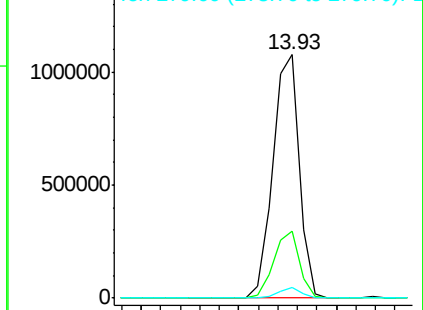


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.033 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

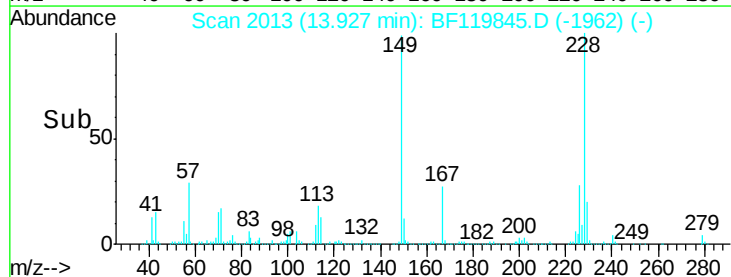
Tgt Ion:149 Resp: 1004633
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.2
279 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 40.943 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

Instrument :

BNA_F

ClientSampleId :

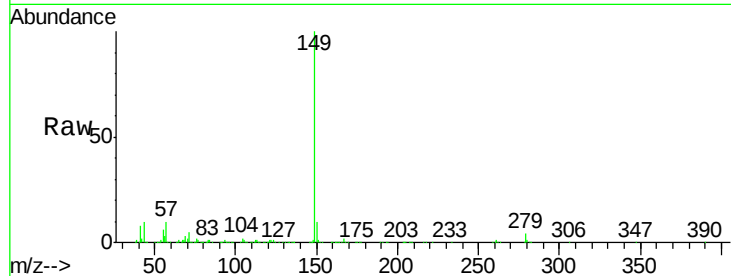
Tot Ion:149 Resp: 1794261

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

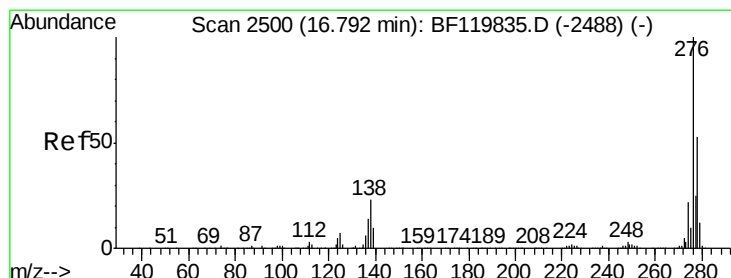
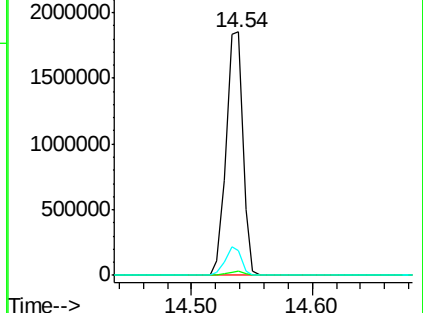
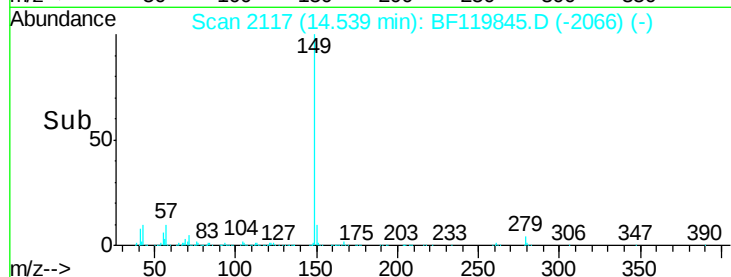
43 11.0 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.891 ng

RT: 16.79 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BF119845.D

Acq: 9 Apr 2020 1:11

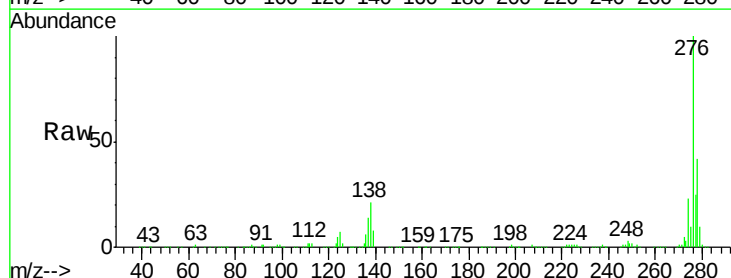
Tgt Ion:276 Resp: 1174234

Ion Ratio Lower Upper

276 100

138 22.9 18.0 27.0

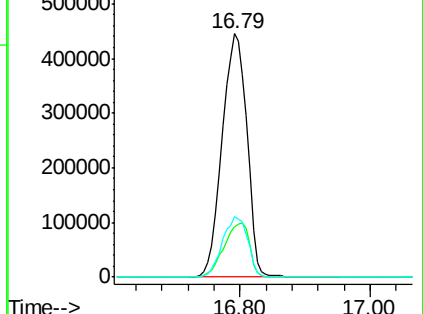
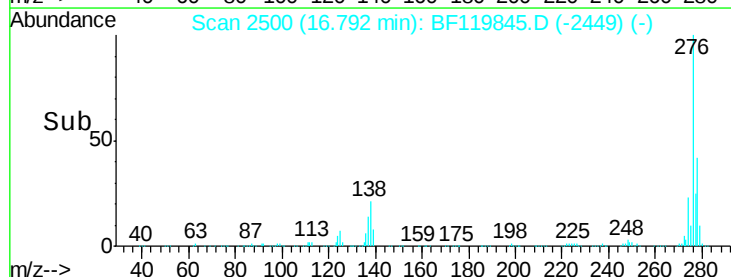
277 25.3 20.1 30.1

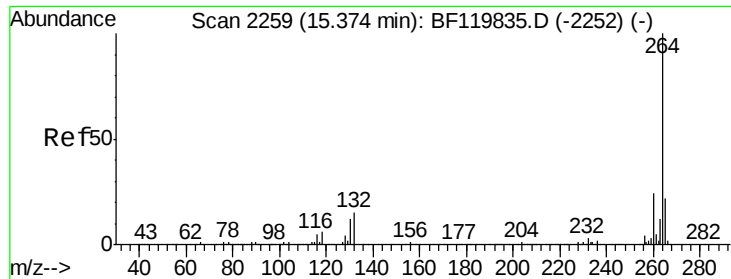


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

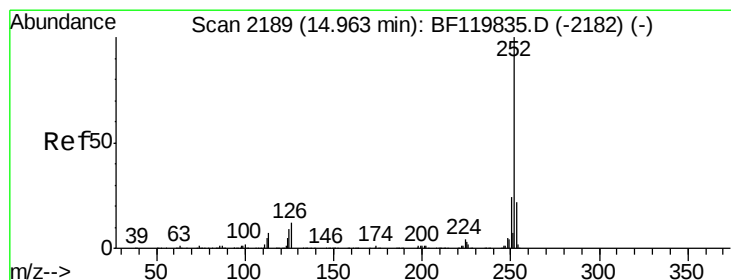
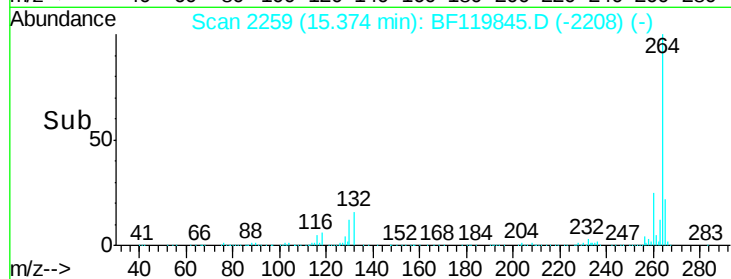
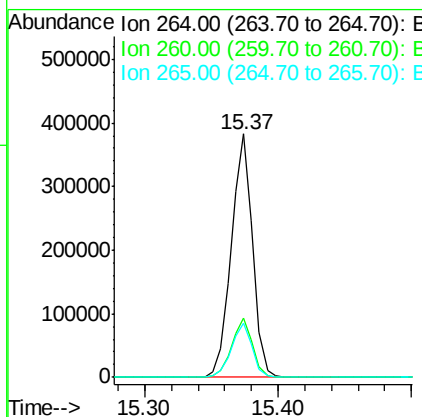
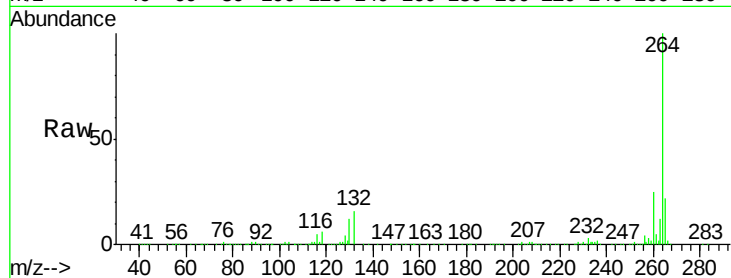




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

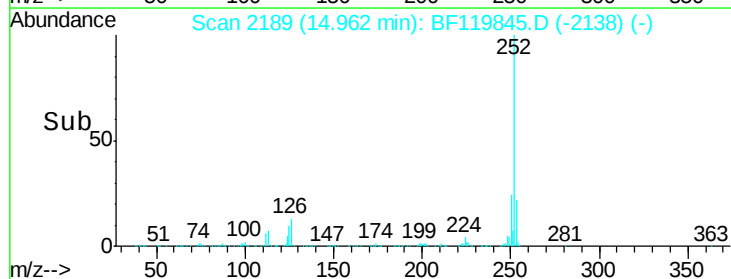
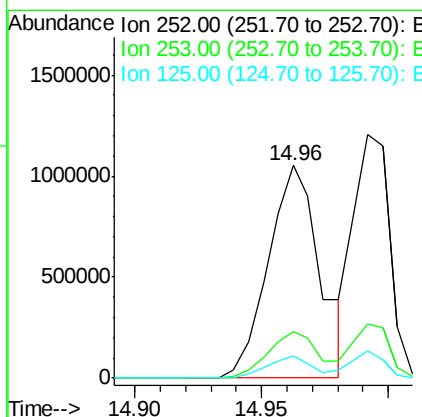
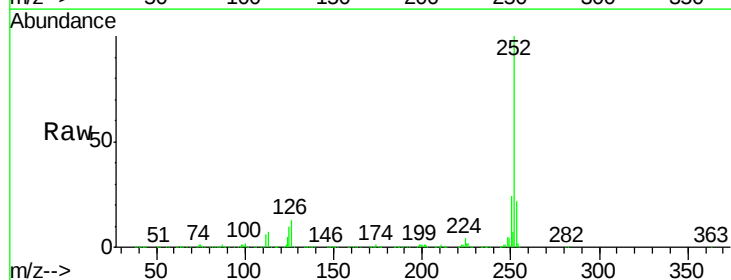
Instrument :
BNA_F
ClientSampled :

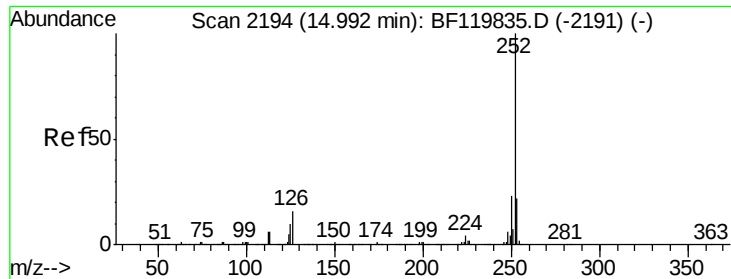
Tot Ion:264 Resp: 428529
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 22.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 48.657 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:252 Resp: 1499974
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.4 7.4 11.2

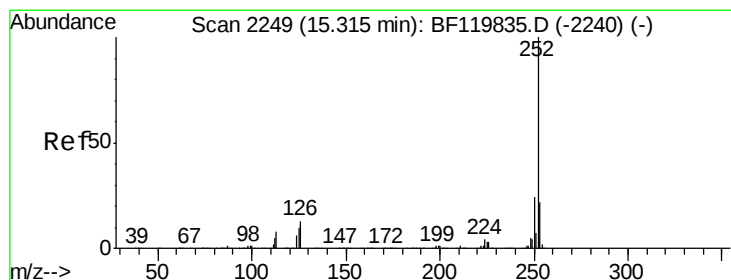
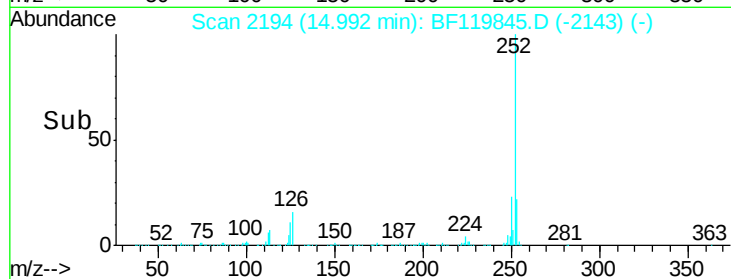
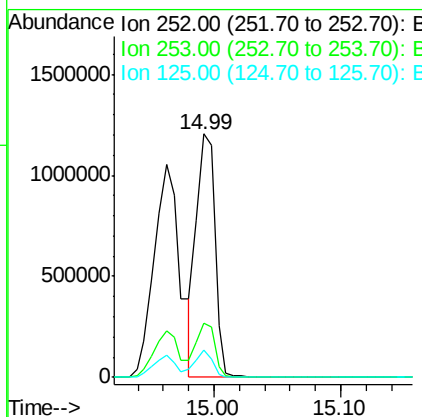
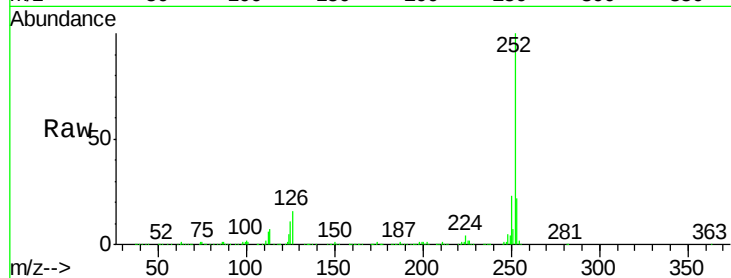




#89
Benzo(k)fluoranthene
Concen: 45.572 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

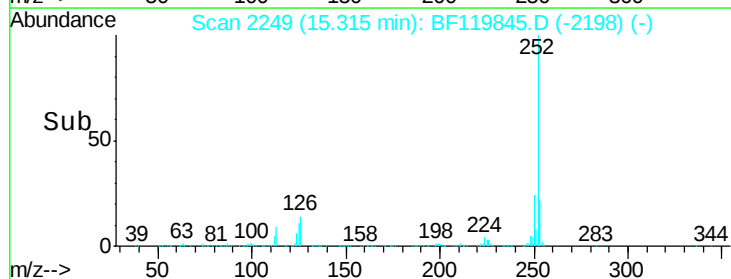
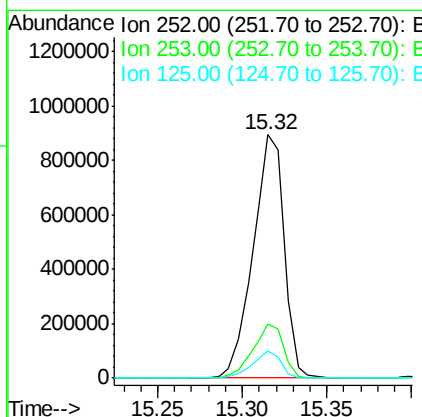
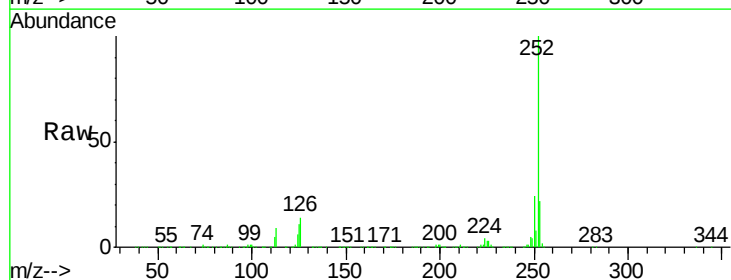
Instrument :
BNA_F
ClientSampleId :

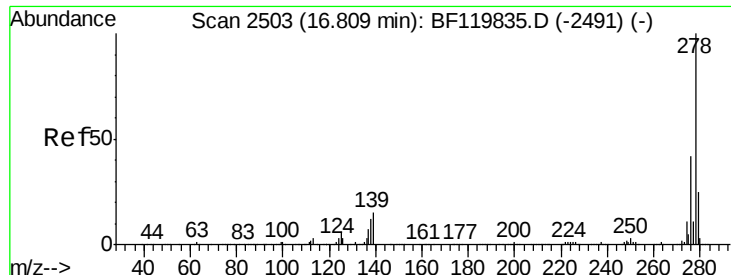
Tot Ion:252 Resp: 1212135
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 44.052 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion:252 Resp: 1141817
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.3 8.3 12.5

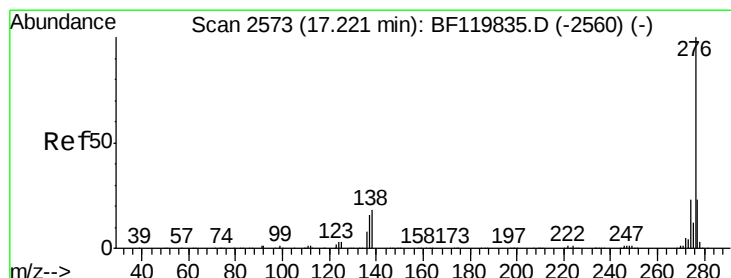
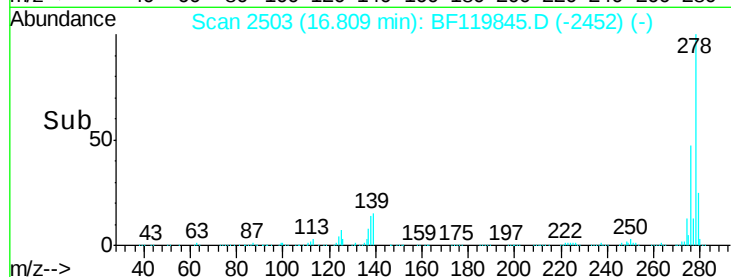
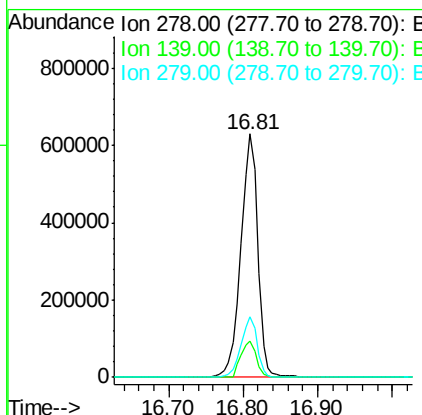
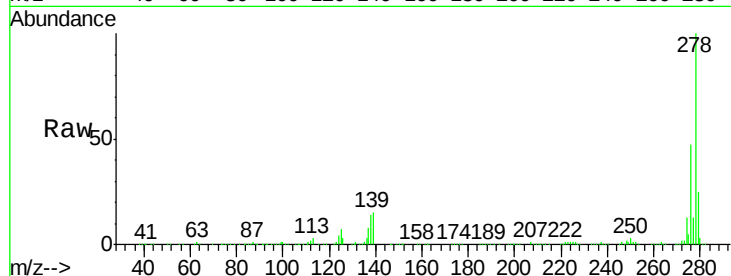




#91
Dibenzo(a,h)anthracene
Concen: 43.090 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.6	17.4
279	24.8	19.7	29.5



#92
Benzo(g,h,i)perylene
Concen: 40.380 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BF119845.D
Acq: 9 Apr 2020 1:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	18.6	14.6	22.0

