

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119835.D
 Acq On : 8 Apr 2020 20:08
 Operator : MA/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 08 22:01:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 21:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	187732	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	700281	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	361618	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	671120	20.00	ng	0.00
76) Chrysene-d12	13.94	240	423681	20.00	ng	0.00
87) Perylene-d12	15.37	264	377512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	847037	71.83	ng	0.00
7) Phenol-d6	6.40	99	1127790	74.86	ng	0.00
23) Nitrobenzene-d5	7.34	82	1053990	81.80	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	365463	97.96	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2107613	86.34	ng	0.00
79) Terphenyl-d14	12.89	244	2191270	101.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	195946	33.642	ng	100
3) Pyridine	3.16	79	515622	32.134	ng	100
4) n-Nitrosodimethylamine	3.12	42	264409	33.790	ng	100
6) Aniline	6.43	93	726102	34.923	ng	100
8) 2-Chlorophenol	6.56	128	481703	38.891	ng	100
9) Benzaldehyde	6.32	77	301998	31.601	ng	100
10) Phenol	6.42	94	629588	39.167	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	483690	37.624	ng	100
12) 1,3-Dichlorobenzene	6.71	146	523907	39.082	ng	100
13) 1,4-Dichlorobenzene	6.79	146	525546	39.195	ng	100
14) 1,2-Dichlorobenzene	6.94	146	498842	39.802	ng	100
15) Benzyl Alcohol	6.92	79	431838	38.108	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	958619	36.967	ng	100
17) 2-Methylphenol	7.03	107	432300	38.094	ng	100
18) Hexachloroethane	7.28	117	201124	40.930	ng	100
19) n-Nitroso-di-n-propylamine	7.19	70	368412	40.573	ng	100
20) 3+4-Methylphenols	7.18	107	548256	39.421	ng	100
22) Acetophenone	7.19	105	656601	39.240	ng	100
24) Nitrobenzene	7.36	77	530825	38.549	ng	100
25) Isophorone	7.60	82	1070131	40.942	ng	100
26) 2-Nitrophenol	7.67	139	289237	53.346	ng	100
27) 2,4-Dimethylphenol	7.71	122	419271	37.398	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	602501	38.981	ng	100
29) 2,4-Dichlorophenol	7.92	162	409468	39.750	ng	100
30) 1,2,4-Trichlorobenzene	8.00	180	459339	40.321	ng	100
31) Naphthalene	8.08	128	1418560	39.364	ng	100
32) Benzoic acid	7.85	122	349268	48.431	ng	100
33) 4-Chloroaniline	8.13	127	607941	36.816	ng	100
34) Hexachlorobutadiene	8.20	225	278771	43.736	ng	100
35) Caprolactam	8.51	113	122167	36.237	ng	100
36) 4-Chloro-3-methylphenol	8.61	107	439864	39.069	ng	100
37) 2-Methylnaphthalene	8.77	142	955740	40.410	ng	100
38) 1-Methylnaphthalene	8.87	142	966371	43.169	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	477191	45.021	ng	100

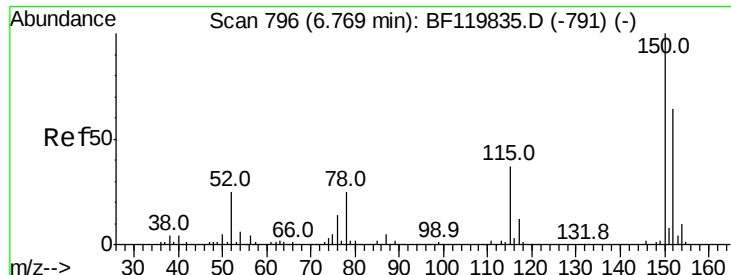
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119835.D
 Acq On : 8 Apr 2020 20:08
 Operator : MA/SJ
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 QLast Update : Wed Apr 08 21:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	269849	44.782	ng	100
43) 2,4,6-Trichlorophenol	9.05	196	312941	41.257	ng	100
44) 2,4,5-Trichlorophenol	9.09	196	372881	43.883	ng	100
46) 1,1'-Biphenyl	9.24	154	1249225	42.416	ng	100
47) 2-Chloronaphthalene	9.26	162	936431	40.591	ng	100
48) 2-Nitroaniline	9.36	65	331828	41.672	ng	100
49) Acenaphthylene	9.67	152	1421842	39.247	ng	100
50) Dimethylphthalate	9.54	163	1097799	42.739	ng	100
51) 2,6-Dinitrotoluene	9.60	165	240709	43.721	ng	100
52) Acenaphthene	9.85	154	923083	40.871	ng	100
53) 3-Nitroaniline	9.77	138	265229	38.158	ng	100
54) 2,4-Dinitrophenol	9.87	184	144899	71.791	ng	100
55) Dibenzofuran	10.02	168	1286148	39.719	ng	100
56) 4-Nitrophenol	9.93	139	203288	37.074	ng	100
57) 2,4-Dinitrotoluene	10.00	165	315966	45.557	ng	100
58) Fluorene	10.36	166	989702	41.331	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	267880	42.176	ng	100
60) Diethylphthalate	10.24	149	1121938	43.036	ng	100
61) 4-Chlorophenyl-phenylether	10.36	204	512745	43.787	ng	100
62) 4-Nitroaniline	10.39	138	263584	39.546	ng	100
63) Azobenzene	10.52	77	1029313	39.208	ng	100
65) 4,6-Dinitro-2-methylphenol	10.42	198	179258	63.698	ng	100
66) n-Nitrosodiphenylamine	10.47	169	880888	39.983	ng	100
67) 4-Bromophenyl-phenylether	10.85	248	338316	44.264	ng	100
68) Hexachlorobenzene	10.91	284	341156	43.611	ng	100
69) Atrazine	11.00	200	260118	43.066	ng	100
70) Pentachlorophenol	11.10	266	202800	44.213	ng	100
71) Phenanthrene	11.33	178	1412555	40.591	ng	100
72) Anthracene	11.37	178	1461072	41.311	ng	100
73) Carbazole	11.53	167	1379433	39.404	ng	100
74) Di-n-butylphthalate	11.86	149	1853795	49.502	ng	100
75) Fluoranthene	12.51	202	1493634	39.660	ng	100
77) Benzidine	12.63	184	549997	30.674	ng	100
78) Pyrene	12.74	202	1545359	44.444	ng	100
80) Butylbenzylphthalate	13.36	149	726304	51.645	ng	100
81) Benzo(a)anthracene	13.93	228	1095975	39.779	ng	100
82) 3,3'-Dichlorobenzidine	13.89	252	416717	38.360	ng	100
83) Chrysene	13.97	228	1104268	38.836	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	930432	55.500	ng	100
85) Di-n-octyl phthalate	14.54	149	1586131	53.796	ng	100
86) Indeno(1,2,3-cd)pyrene	16.79	276	1067973	39.881	ng	100
88) Benzo(b)fluoranthene	14.96	252	1011269	40.102	ng	100
89) Benzo(k)fluoranthene	14.99	252	1064427	44.328	ng	100
90) Benzo(a)pyrene	15.32	252	903484	39.423	ng	100
91) Dibenzo(a,h)anthracene	16.81	278	891608	44.480	ng	100
92) Benzo(g,h,i)perylene	17.22	276	840819	41.753	ng	100

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

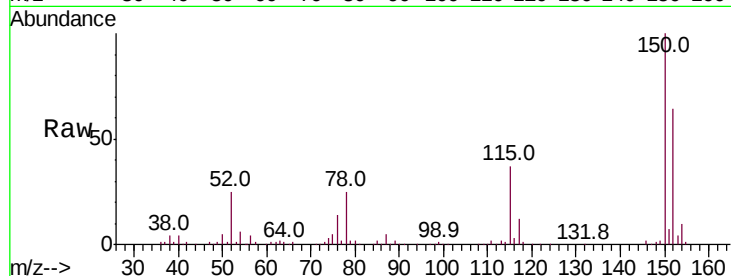


#1

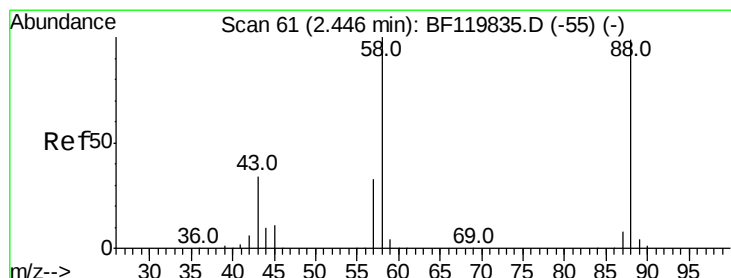
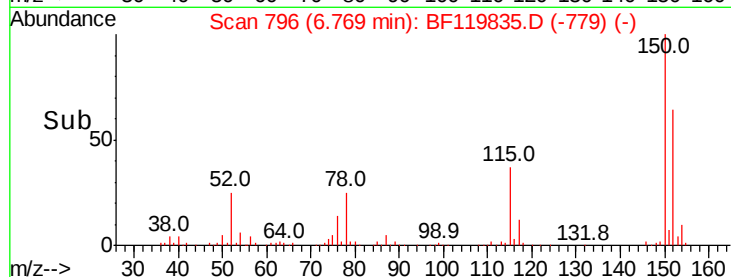
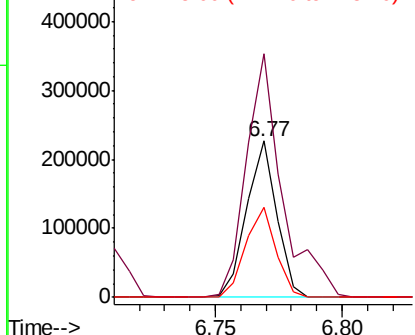
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 187732
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 58.1 46.5 69.7



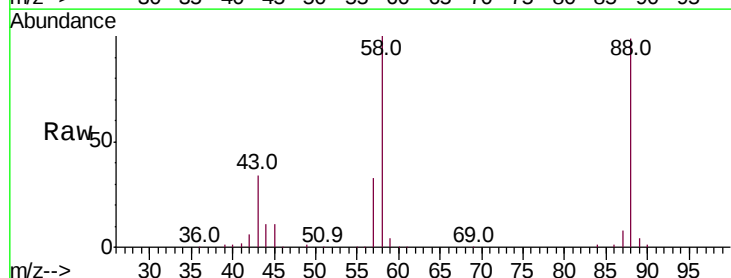
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



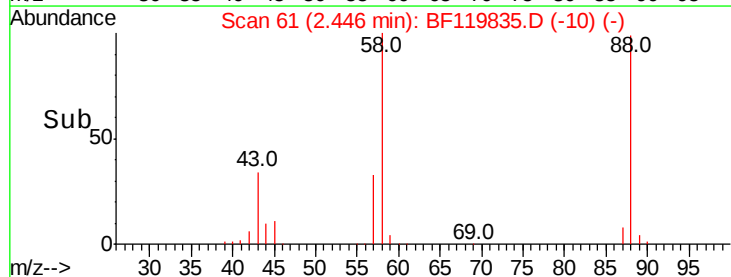
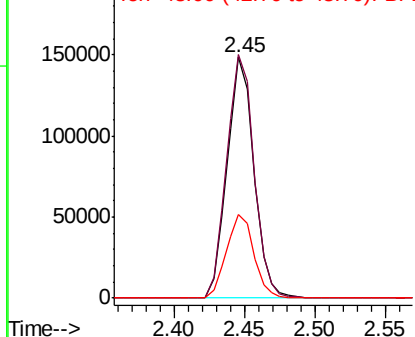
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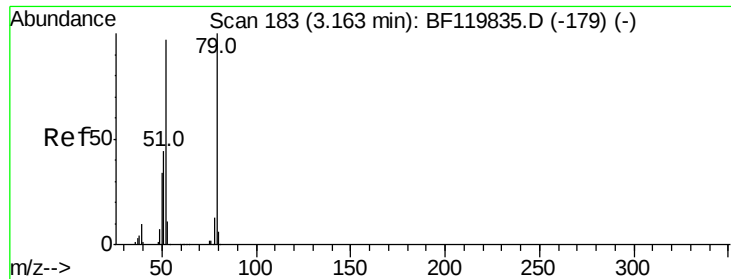
1,4-Dioxane
Concen: 33.642 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion: 88 Resp: 195946
Ion Ratio Lower Upper
88 100
58 103.2 82.6 123.8
43 35.7 28.6 42.8



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





#3

Pvridine

Concen: 32.134 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

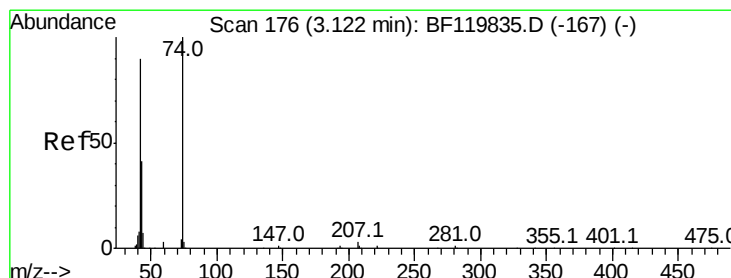
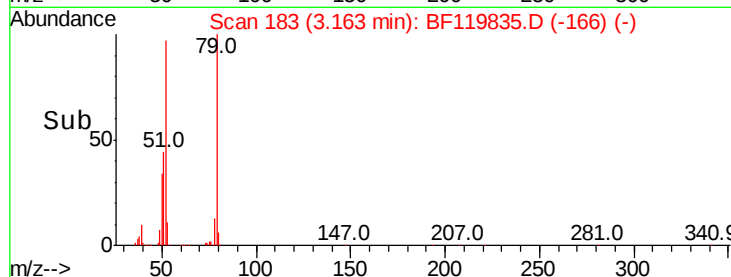
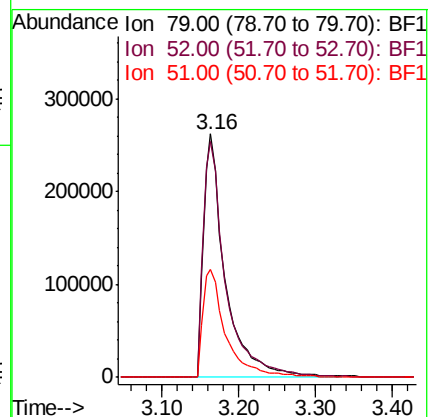
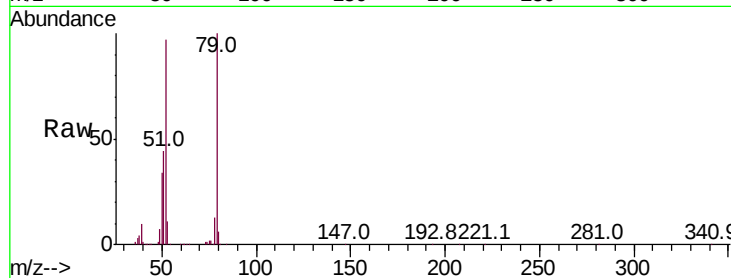
Tot Ion: 79 Resp: 515622

Ion Ratio Lower Upper

79 100

52 96.7 77.4 116.0

51 44.1 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 33.790 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

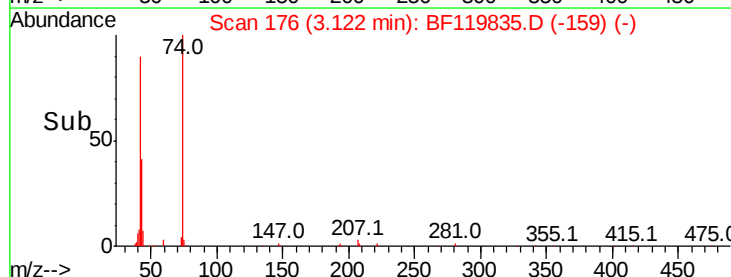
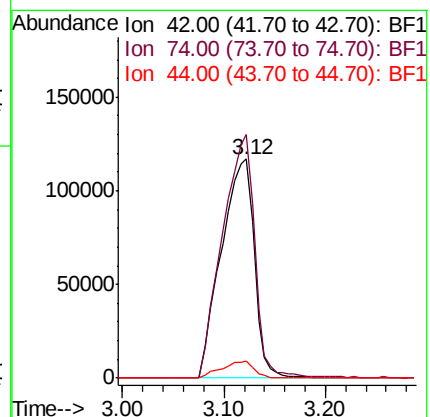
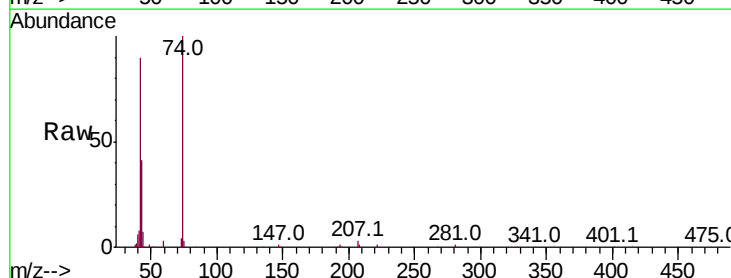
Tgt Ion: 42 Resp: 264409

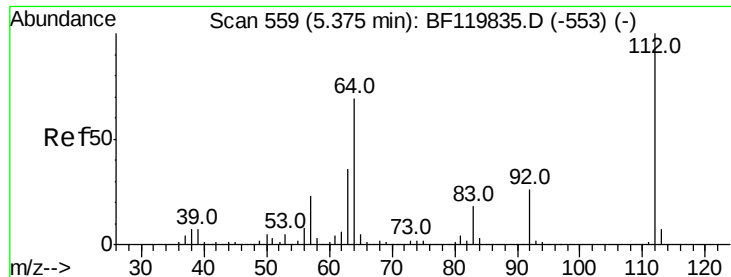
Ion Ratio Lower Upper

42 100

74 111.2 89.0 133.4

44 7.8 6.2 9.4





#5

2-Fluorophenol

Concen: 71.826 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.00 min

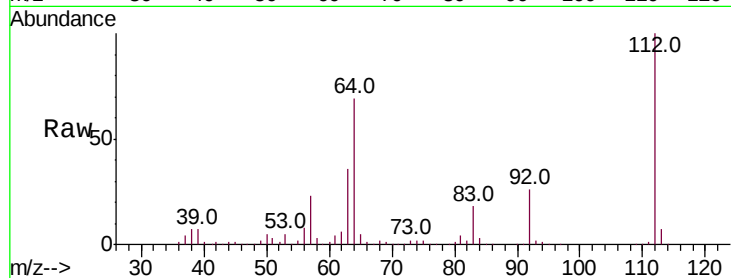
Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 847037

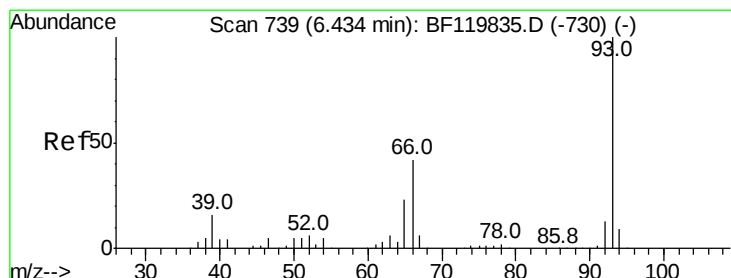
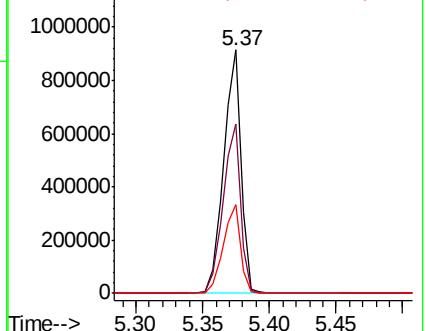
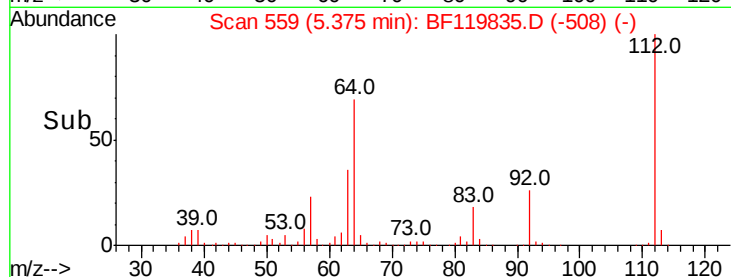
Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.5	83.3
63	36.4	29.1	43.7



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: 34.923 ng

RT: 6.43 min Scan# 739

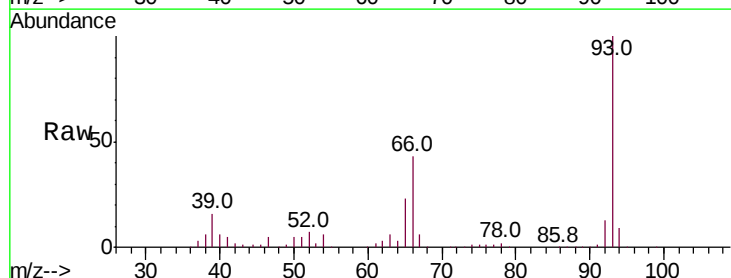
Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Tgt Ion: 93 Resp: 726102

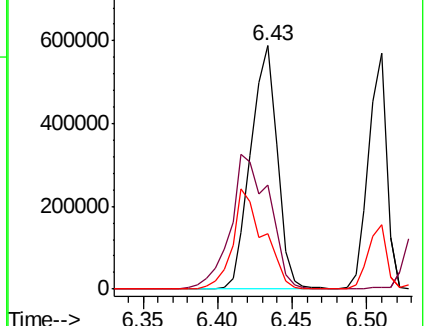
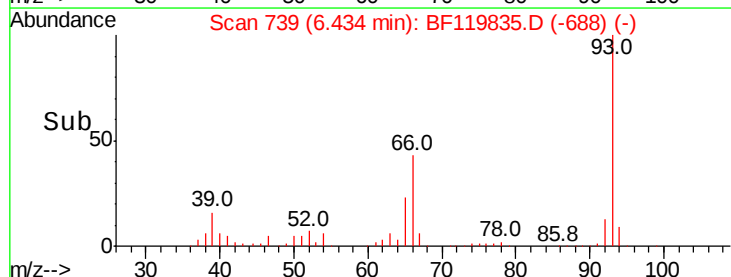
Ion	Ratio	Lower	Upper
93	100		
66	42.7	34.2	51.2
65	22.9	18.3	27.5

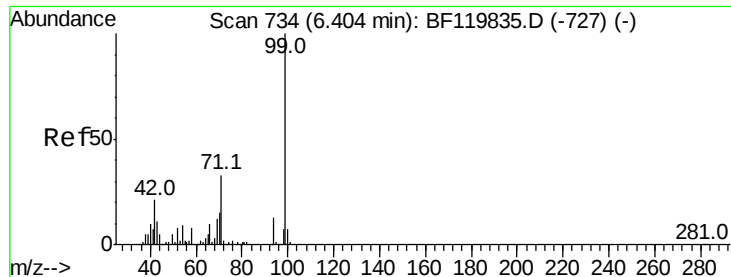


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.863 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

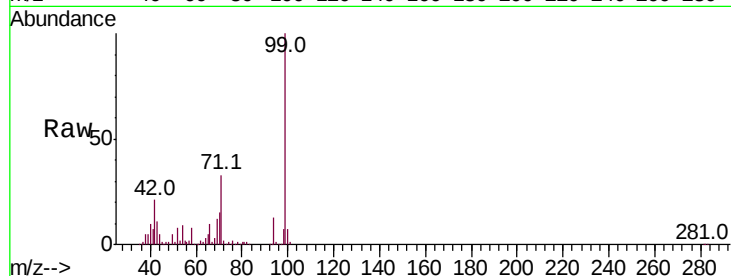
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1127790

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.9	25.3
71	32.9	26.3	39.5

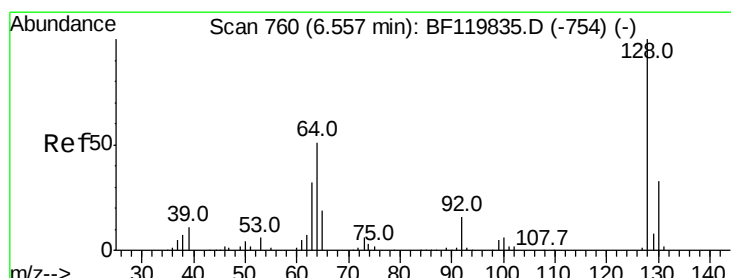
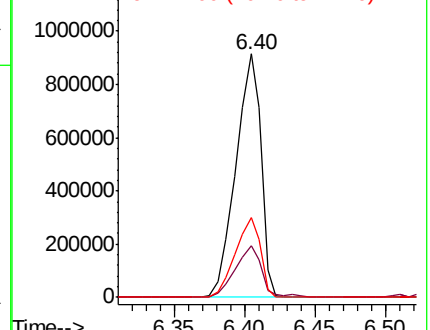
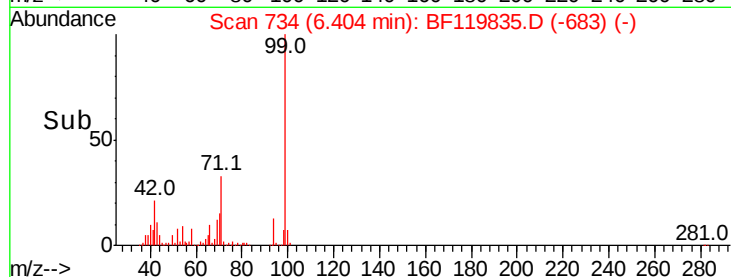


Abundance

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: 38.891 ng

RT: 6.56 min Scan# 760

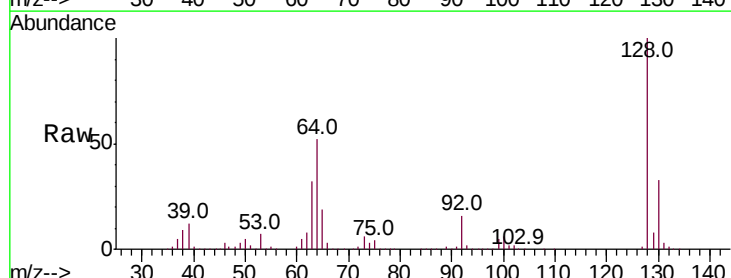
Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Tgt Ion: 128 Resp: 481703

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	52.0	32.0	72.0

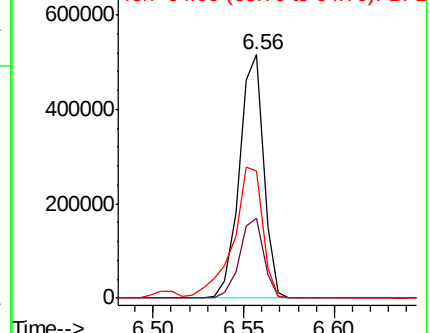
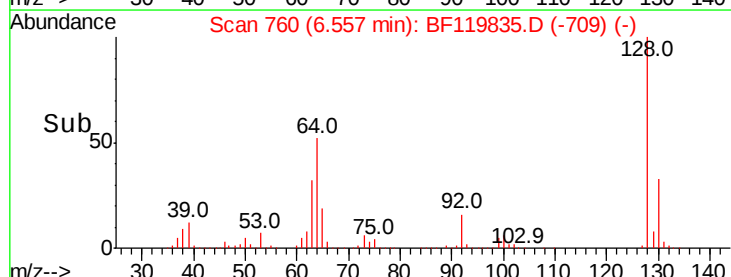


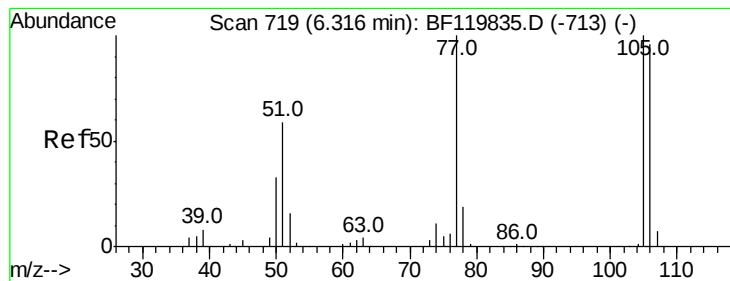
Abundance

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: 31.601 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

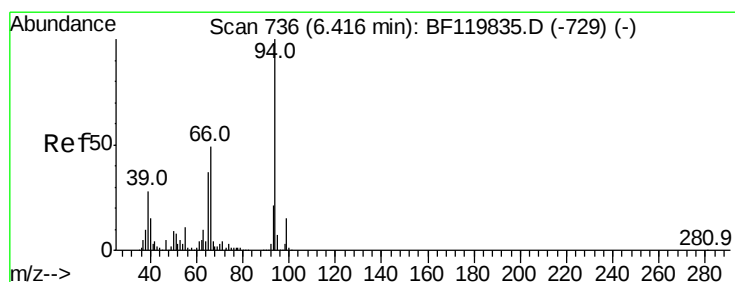
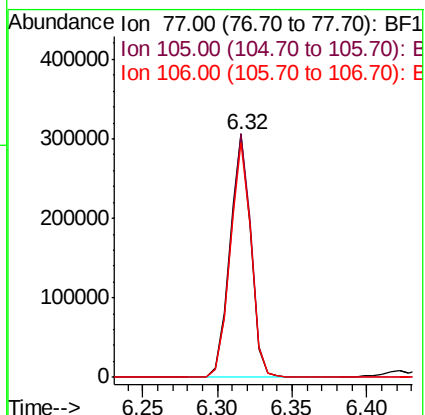
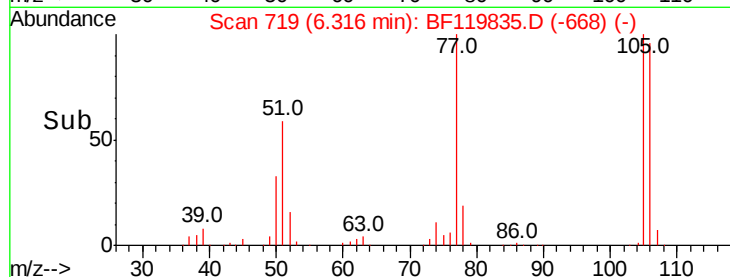
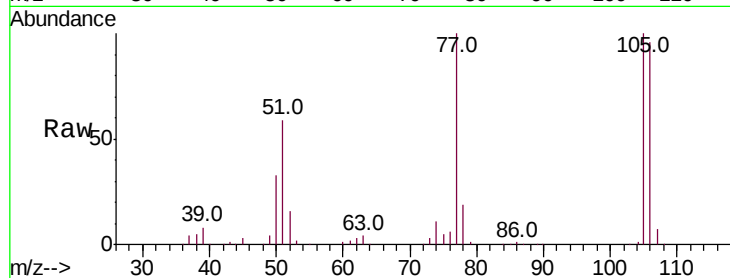
Tot Ion: 77 Resp: 301998

Ion Ratio Lower Upper

77 100

105 99.9 79.9 119.9

106 96.4 76.4 116.4



#10

Phenol

Concen: 39.167 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

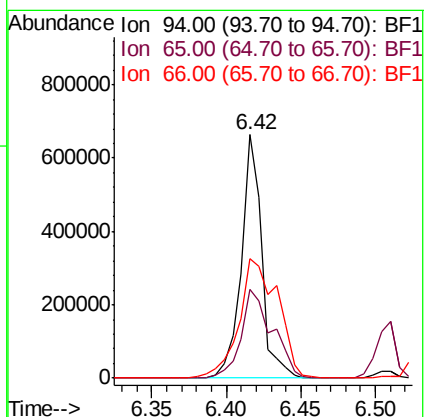
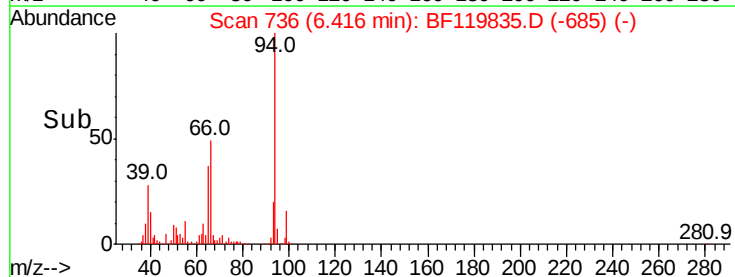
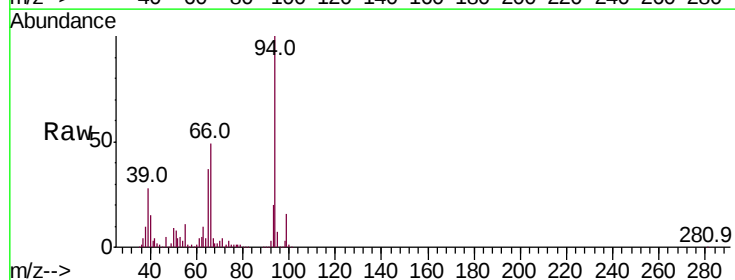
Tgt Ion: 94 Resp: 629588

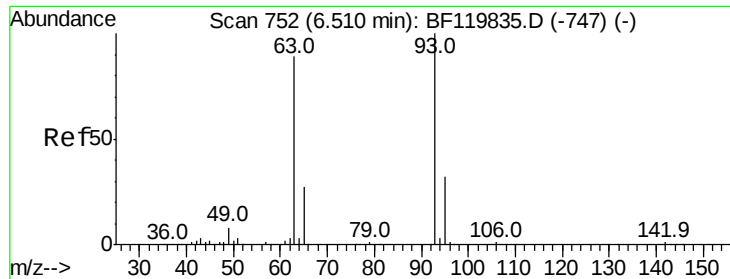
Ion Ratio Lower Upper

94 100

65 36.6 16.6 56.6

66 49.3 29.3 69.3

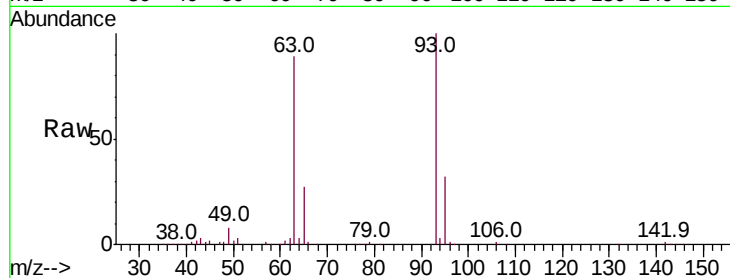




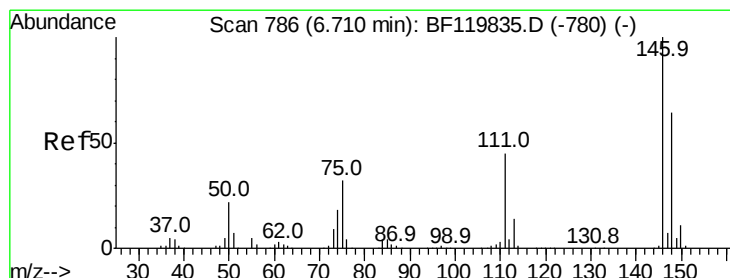
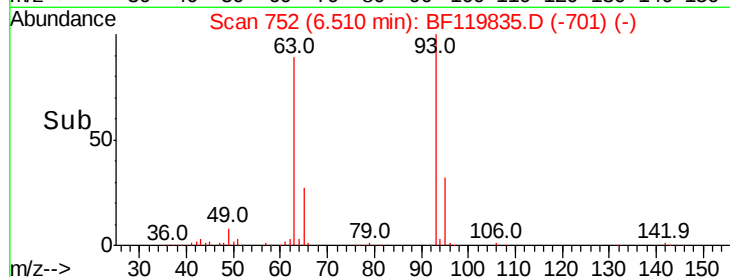
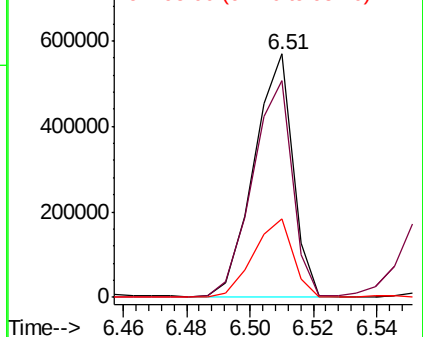
#11
bis(2-Chloroethyl)ether
Concen: 37.624 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 483690
Ion Ratio Lower Upper
93 100
63 89.1 69.1 109.1
95 32.3 12.3 52.3

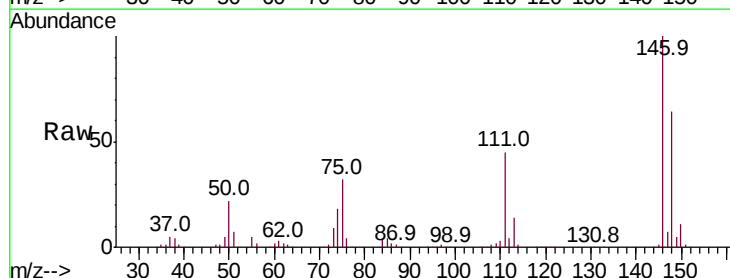


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

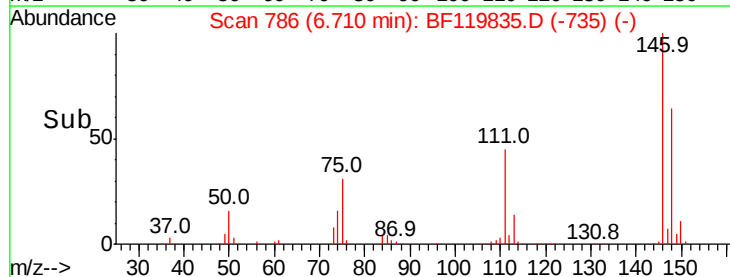
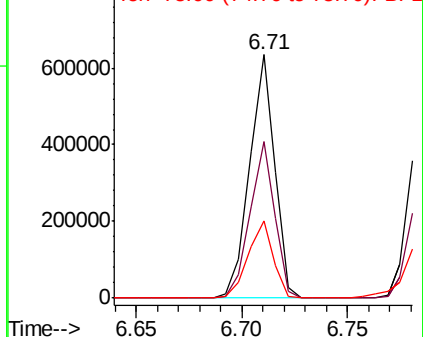


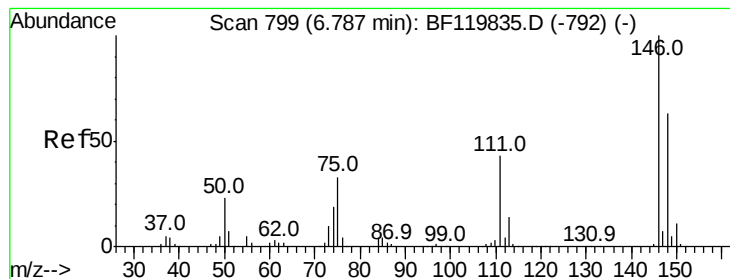
#12
1,3-Dichlorobenzene
Concen: 39.082 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion: 146 Resp: 523907
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 31.6 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: 39.195 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

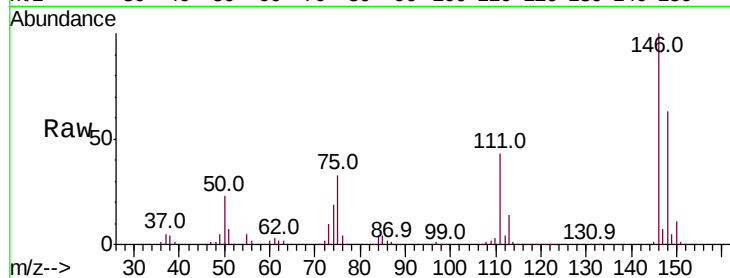
Tot Ion:146 Resp: 525546

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

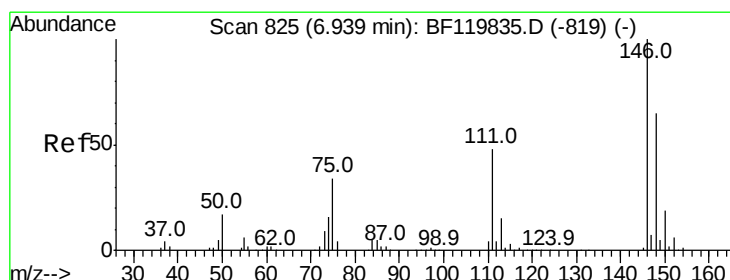
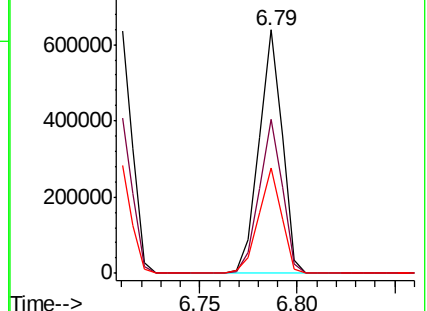
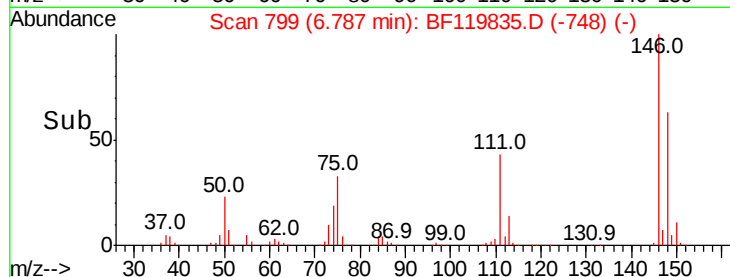
111 43.4 34.7 52.1



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: 39.802 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

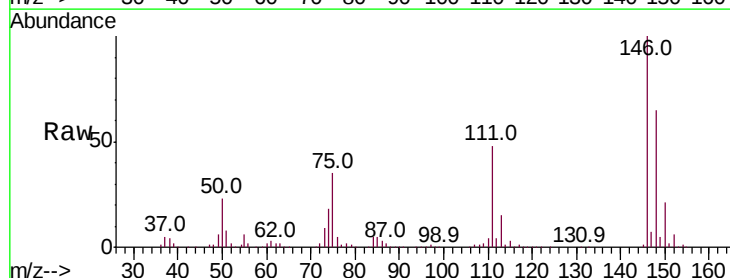
Tgt Ion:146 Resp: 498842

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

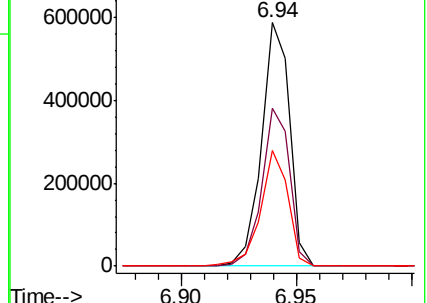
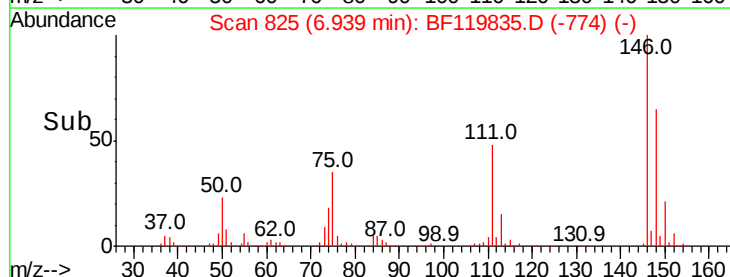
111 47.5 38.0 57.0

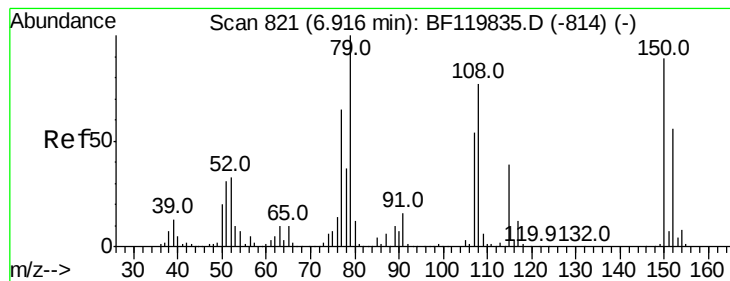


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.108 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampled :

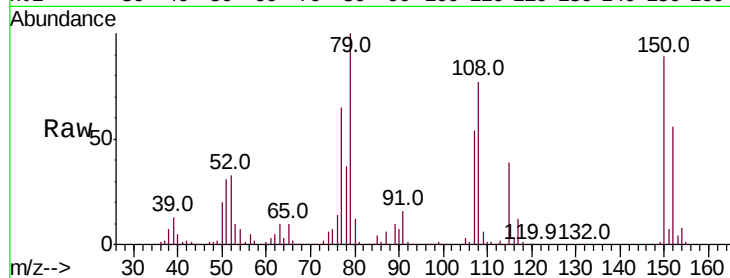
Tot Ion: 79 Resp: 431838

Ion Ratio Lower Upper

79 100

108 77.5 62.0 93.0

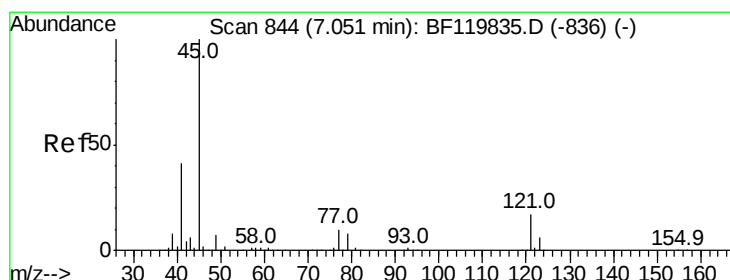
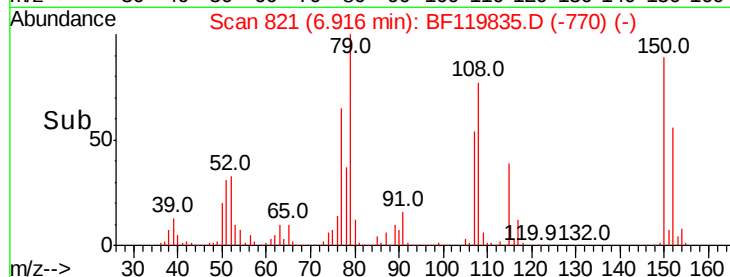
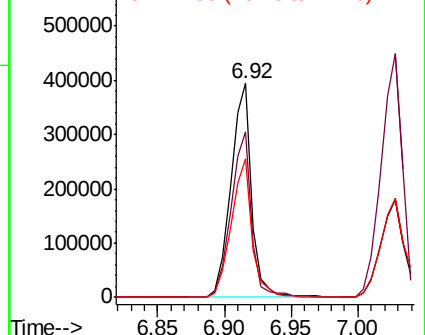
77 64.7 51.8 77.6



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: 36.967 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

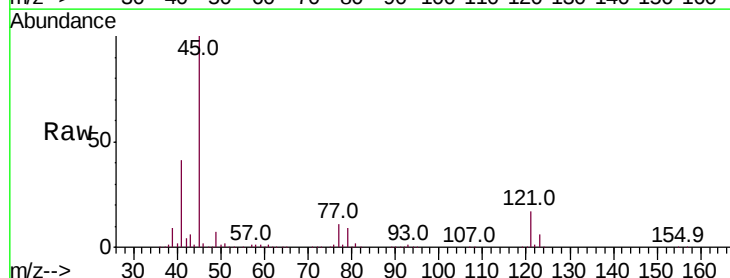
Tgt Ion: 45 Resp: 958619

Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.7

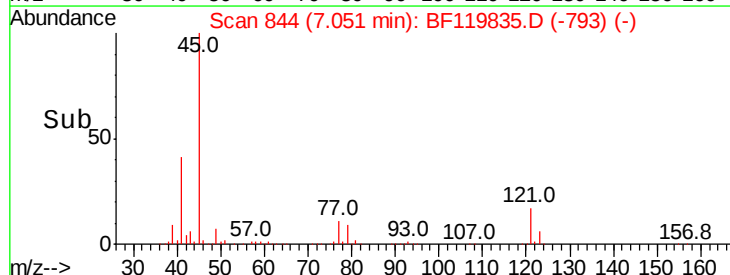
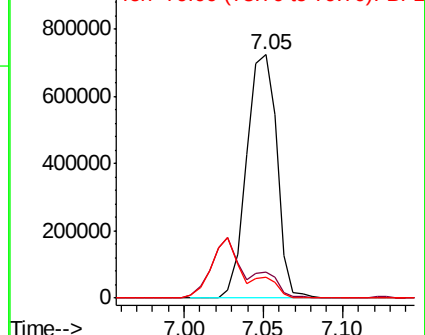
79 8.6 0.0 28.6

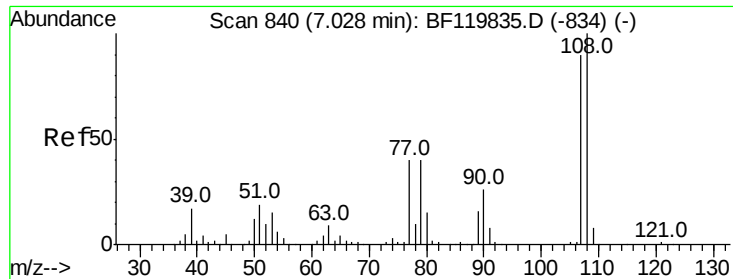


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

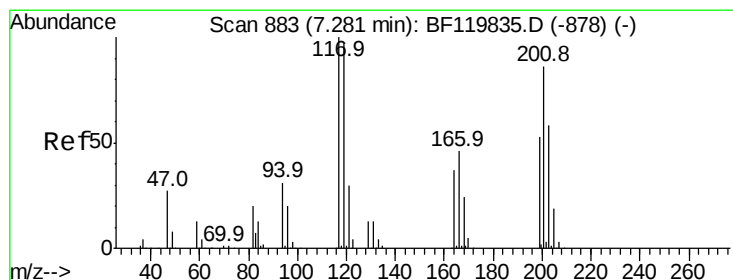
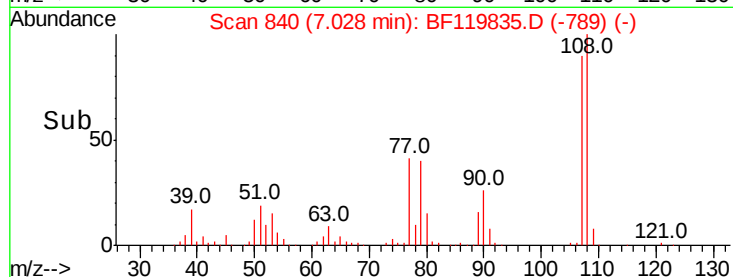
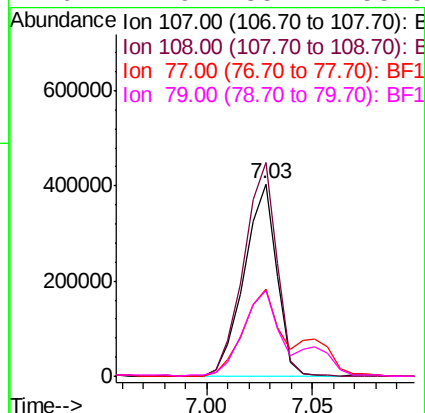
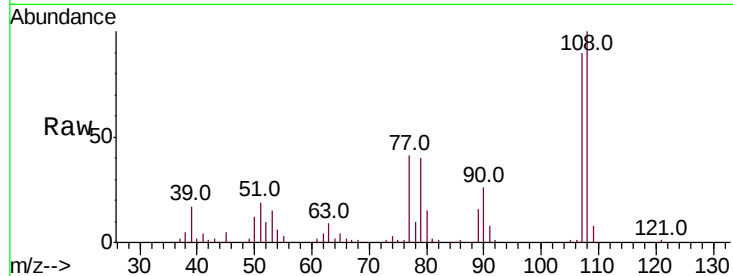




#17
2-Methylphenol
Concen: 38.094 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

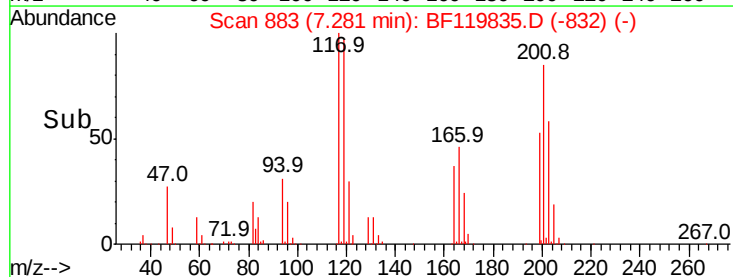
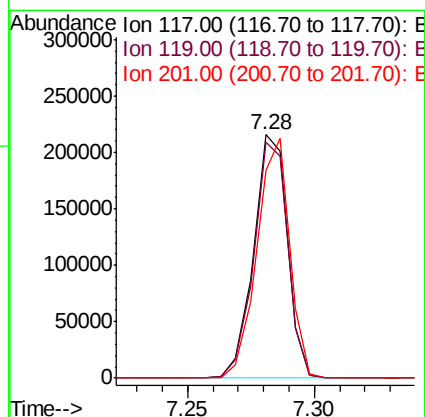
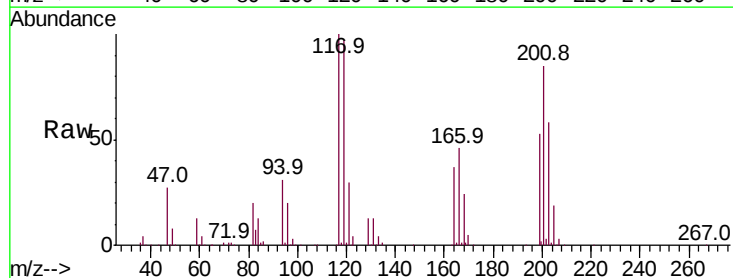
Instrument :
BNA_F
ClientSampleId :

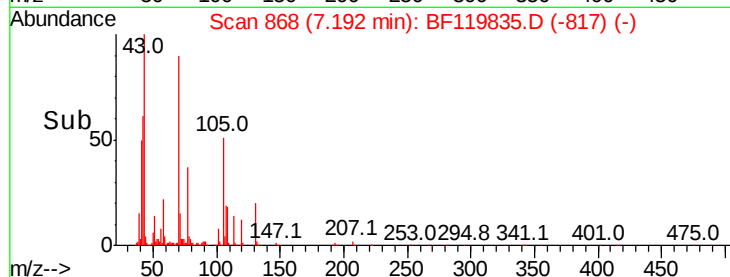
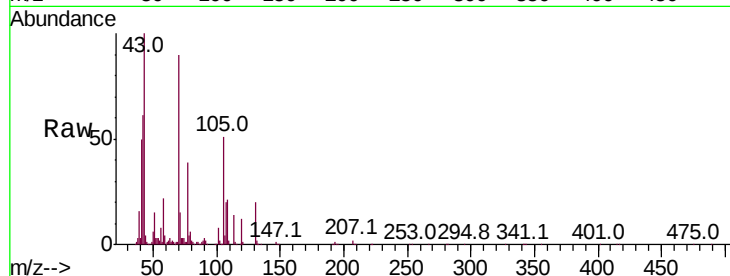
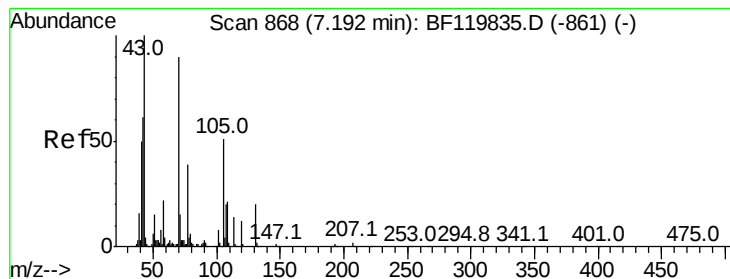
Tot Ion:	107	Resp:	432300
Ion	Ratio	Lower	Upper
107	100		
108	111.0	88.8	133.2
77	45.0	36.0	54.0
79	44.6	35.7	53.5



#18
Hexachloroethane
Concen: 40.930 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:	117	Resp:	201124
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	85.5	68.4	102.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.573 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 368412

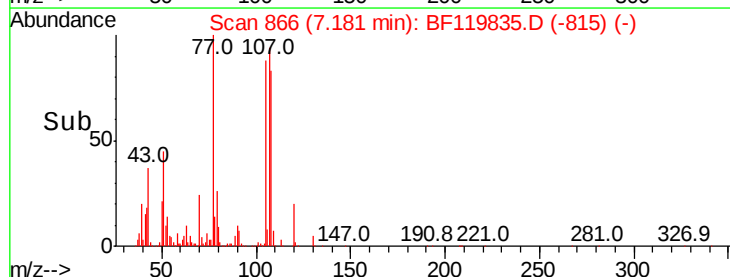
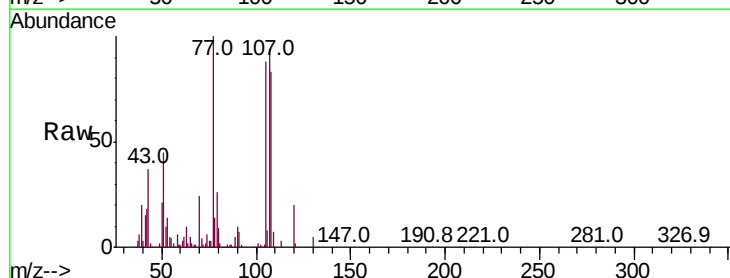
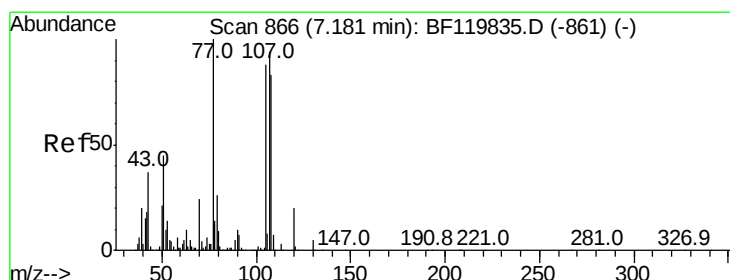
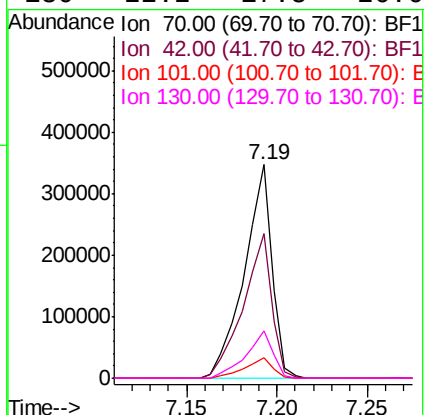
Ion Ratio Lower Upper

70 100

42 67.8 54.2 81.4

101 9.3 7.4 11.2

130 22.2 17.8 26.6



#20

3+4-Methylphenols

Concen: 39.421 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Tgt Ion: 107 Resp: 548256

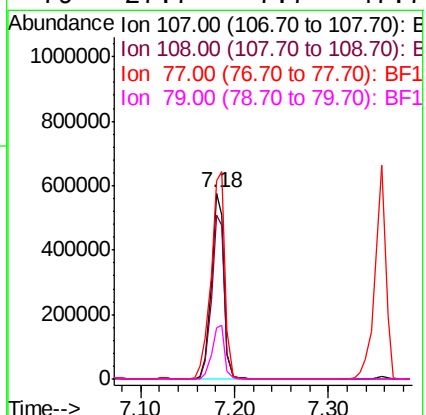
Ion Ratio Lower Upper

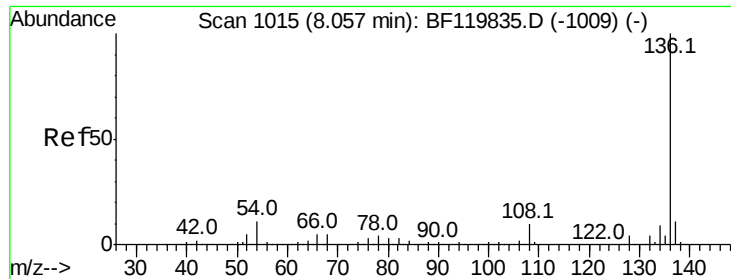
107 100

108 88.2 68.2 108.2

77 106.6 86.6 126.6

79 27.7 7.7 47.7

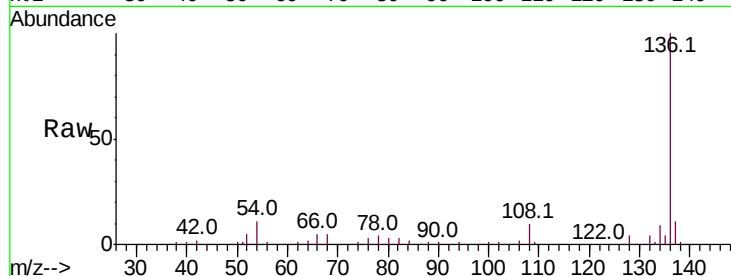




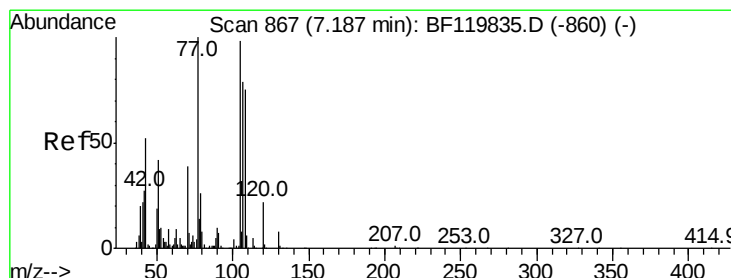
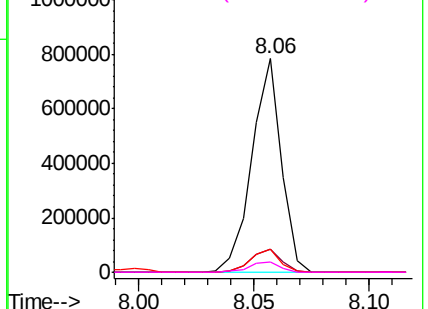
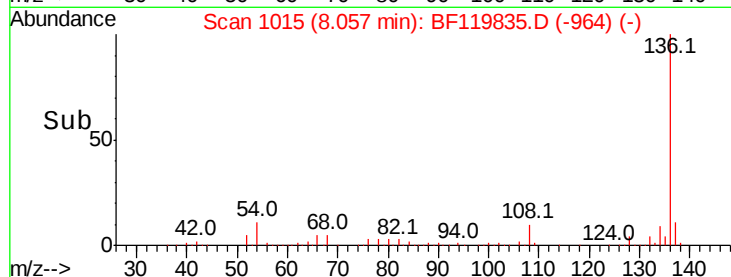
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 700281
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 10.6	8.5 12.7
68 4.9	3.9 5.9

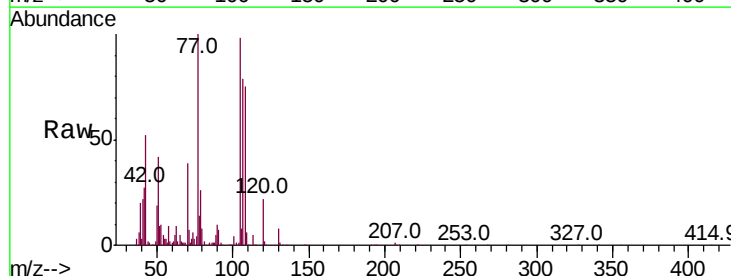


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

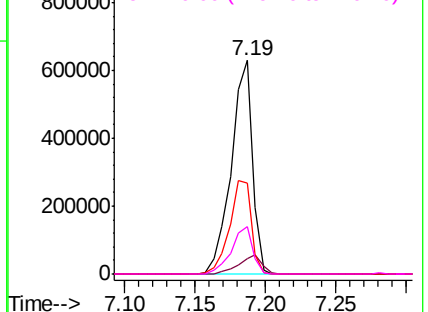
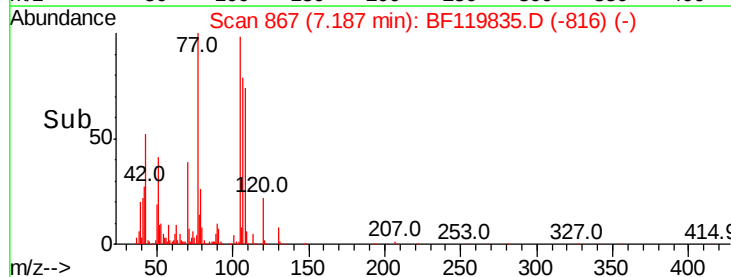


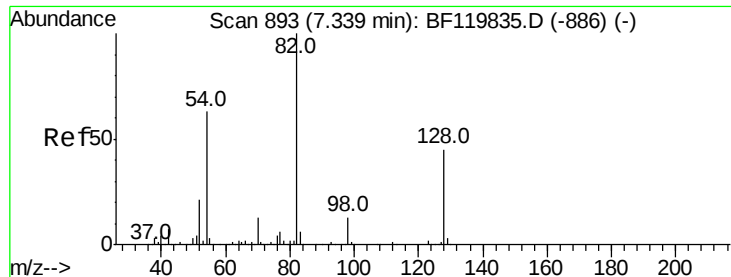
#22
Acetophenone
Concen: 39.240 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt	Ion:105	Resp:	656601
Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.6	8.4
51	42.4	33.9	50.9
120	22.3	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

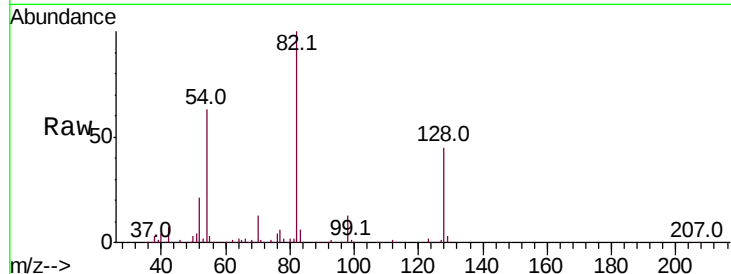




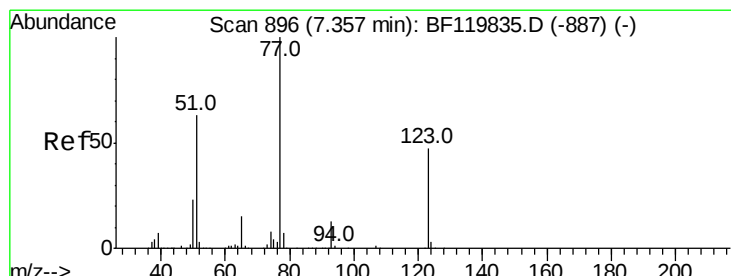
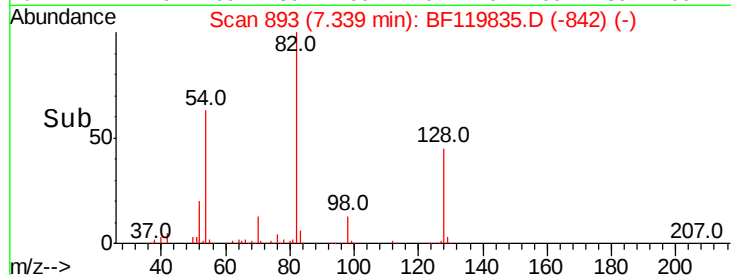
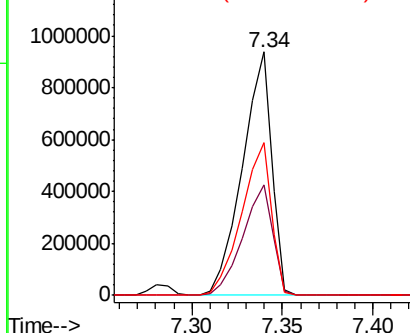
#23
Nitrobenzene-d5
Concen: 81.799 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1053990
Ion Ratio Lower Upper
82 100
128 45.3 36.2 54.4
54 63.0 50.4 75.6

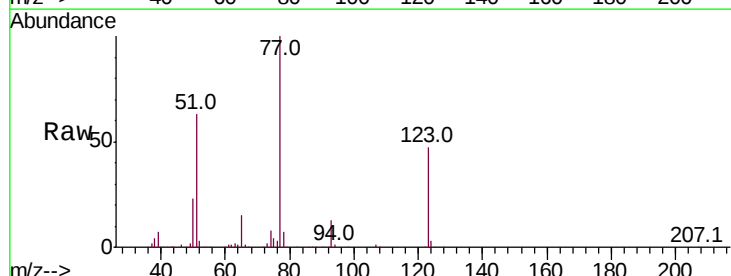


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

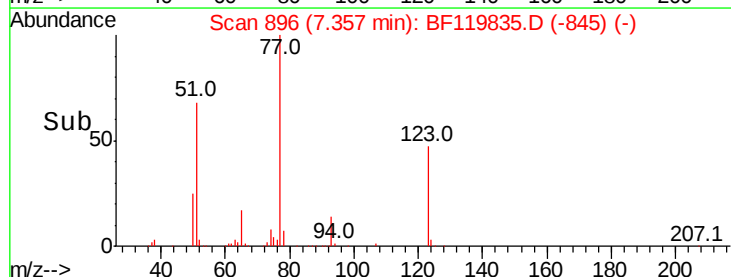
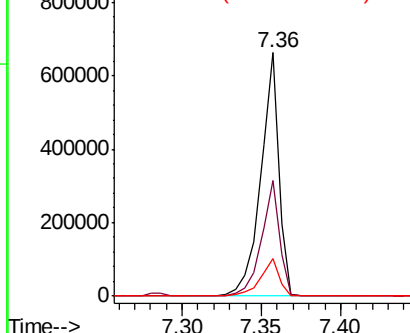


#24
Nitrobenzene
Concen: 38.549 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion: 77 Resp: 530825
Ion Ratio Lower Upper
77 100
123 47.3 37.8 56.8
65 15.2 12.2 18.2



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

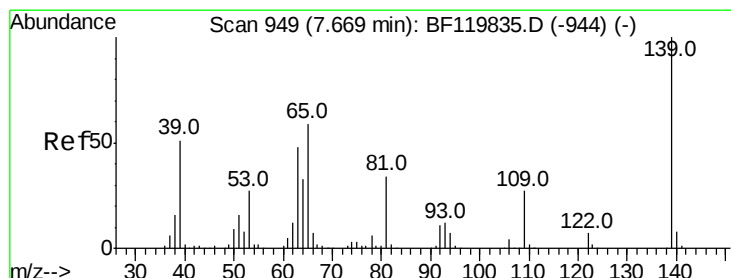
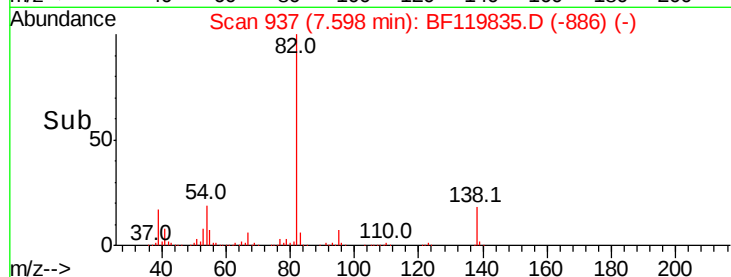
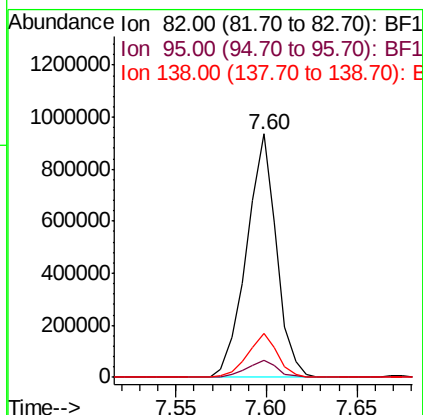
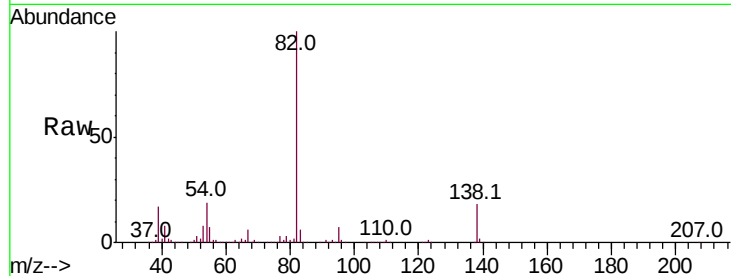




#25
Isophorone
Concen: 40.942 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

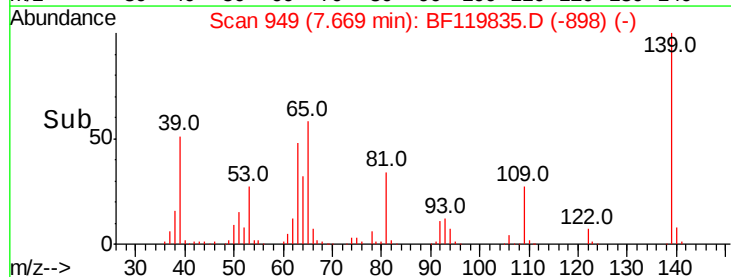
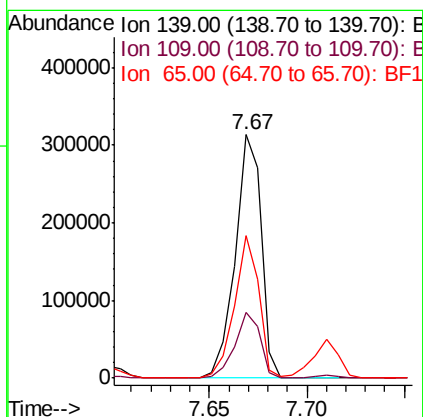
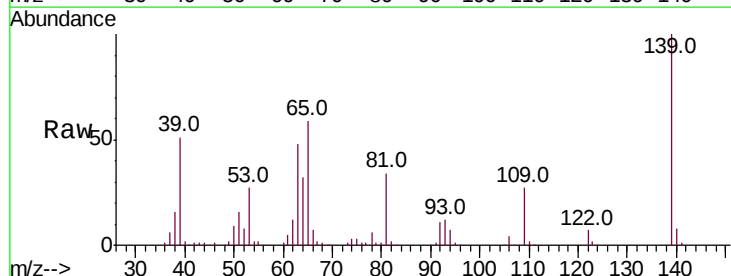
Instrument :
BNA_F
ClientSampleId :

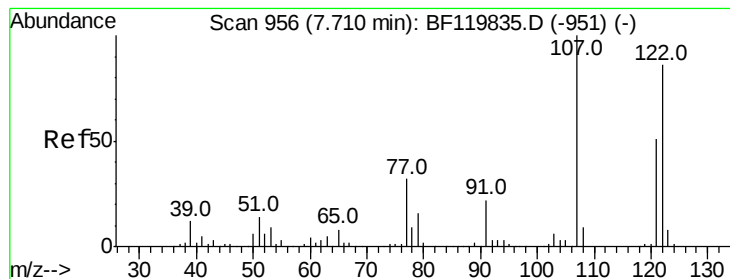
Tot Ion: 82 Resp: 1070131
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 53.346 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:139 Resp: 289237
Ion Ratio Lower Upper
139 100
109 27.2 21.8 32.6
65 58.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 37.398 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

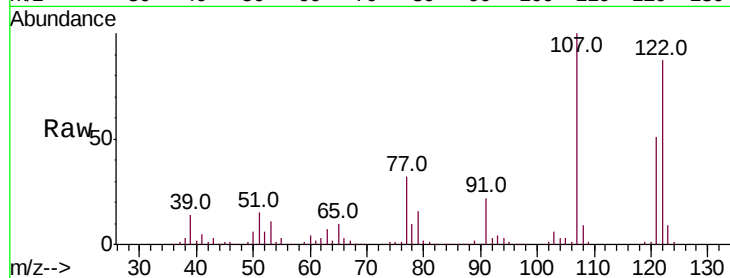
Tot Ion:122 Resp: 419271

Ion Ratio Lower Upper

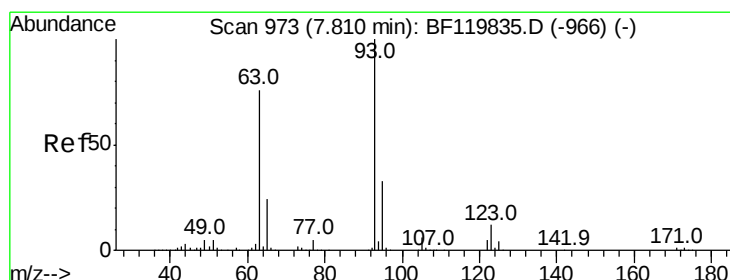
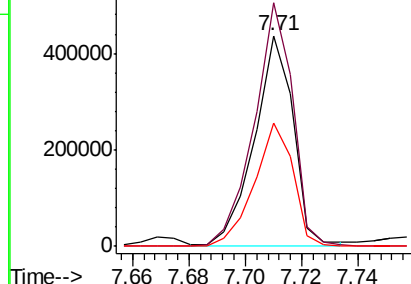
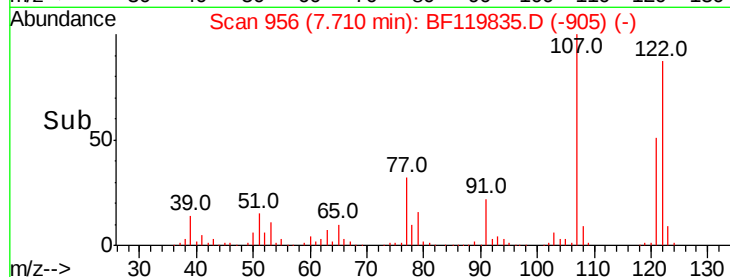
122 100

107 115.4 92.3 138.5

121 58.3 46.6 70.0



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



#28

bis(2-Chloroethoxy)methane

Concen: 38.981 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

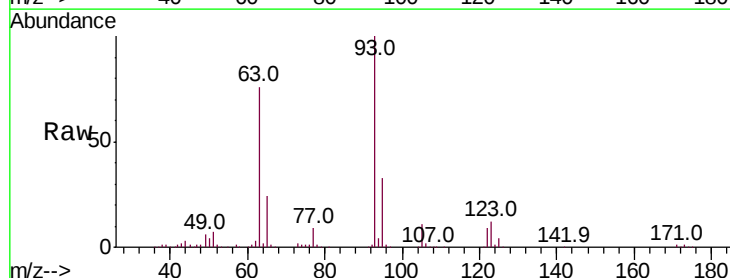
Tgt Ion: 93 Resp: 602501

Ion Ratio Lower Upper

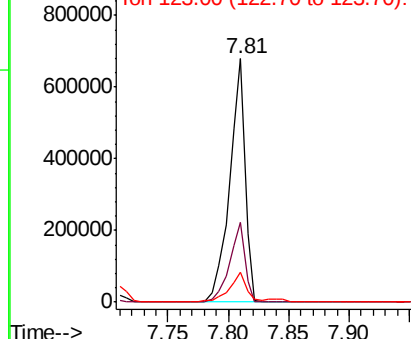
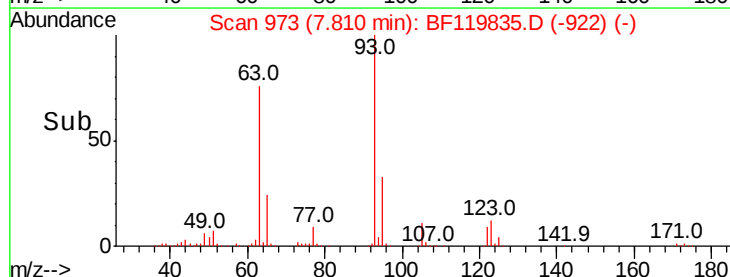
93 100

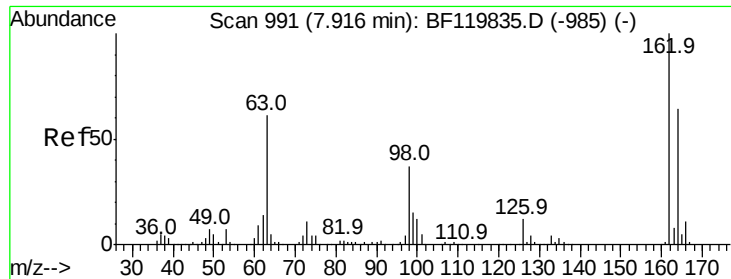
95 33.0 26.4 39.6

123 12.1 9.7 14.5



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

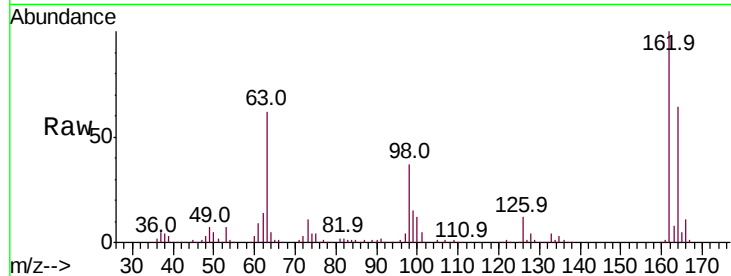




#29
 2,4-Dichlorophenol
 Concen: 39.750 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	37.3	17.3	57.3

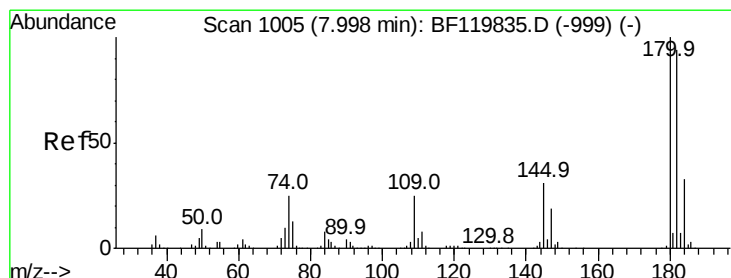
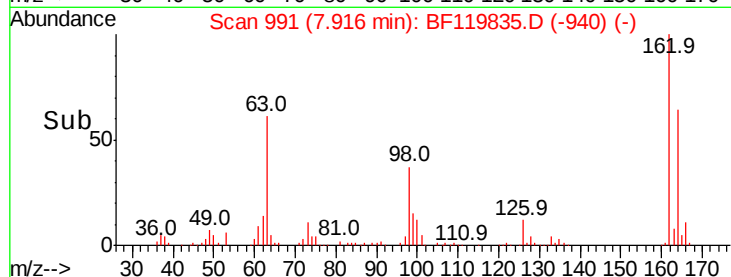
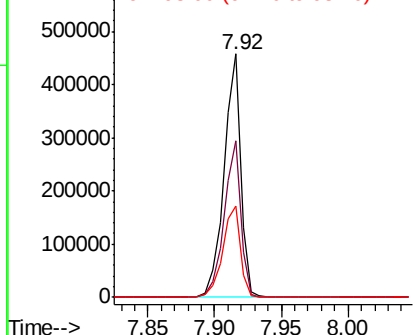


Abundance

Ion 162.00 (161.70 to 162.70): E

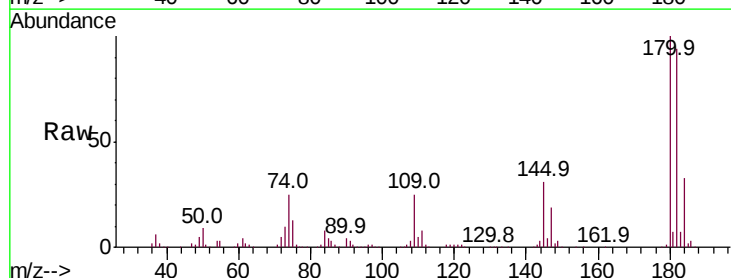
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.321 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	30.8	24.6	37.0

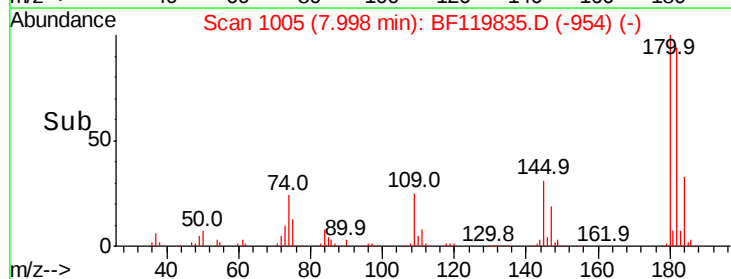
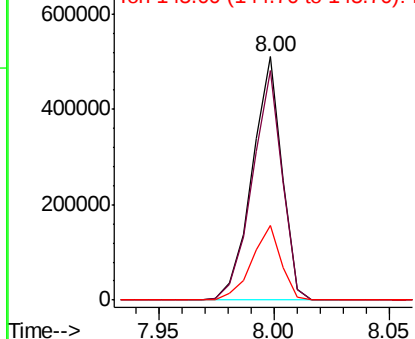


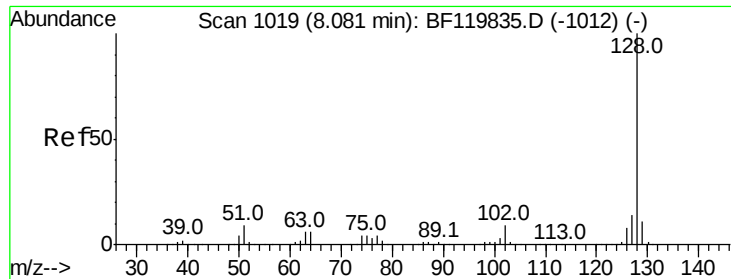
Abundance

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

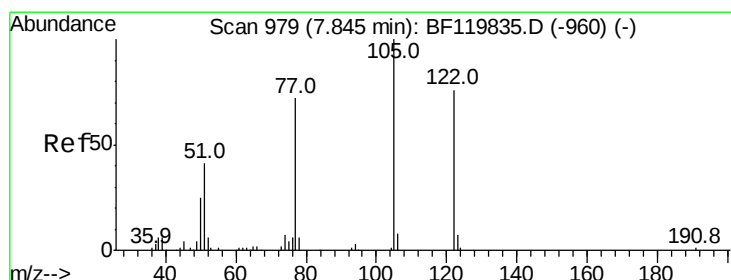
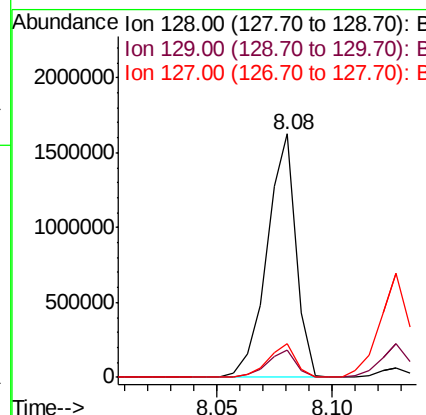
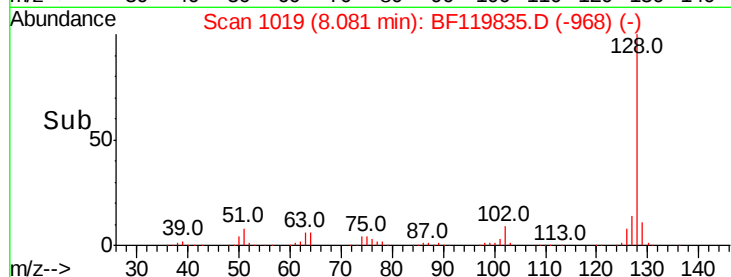
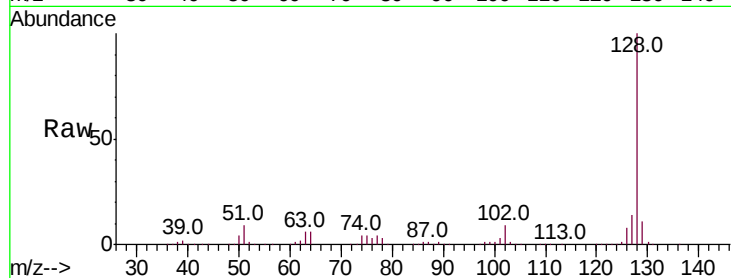




#31
Naphthalene
Concen: 39.364 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

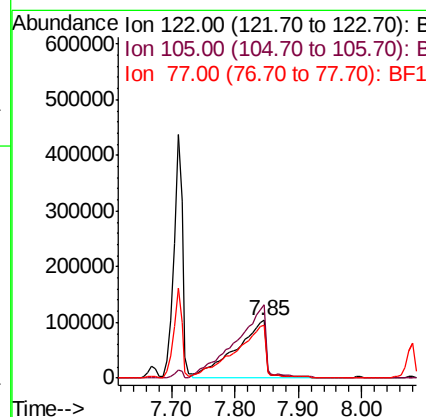
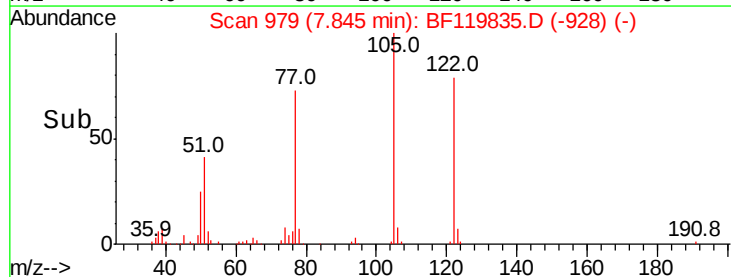
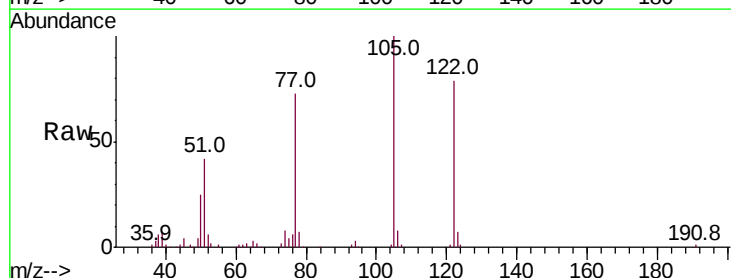
Instrument :
BNA_F
ClientSampleId :

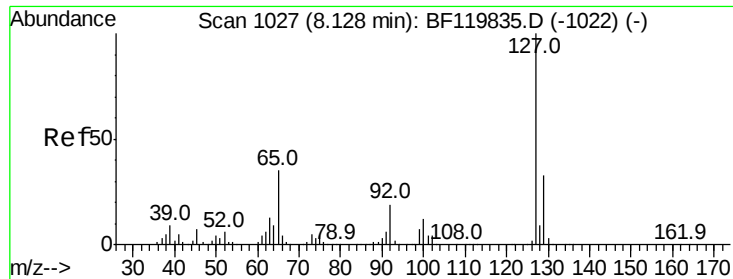
Tot Ion:128 Resp: 1418560
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 48.431 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:122 Resp: 349268
Ion Ratio Lower Upper
122 100
105 126.7 106.7 146.7
77 92.1 72.1 112.1

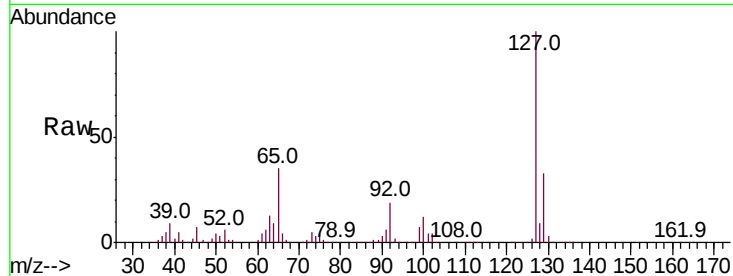




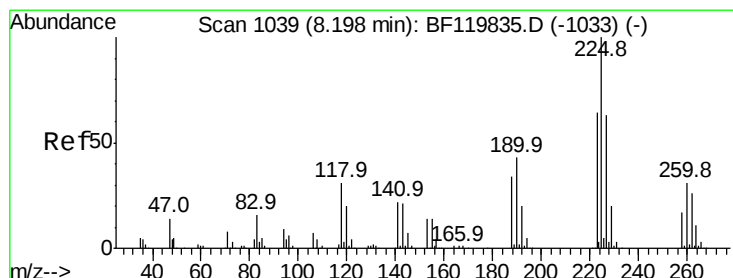
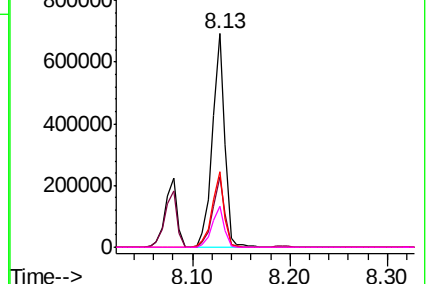
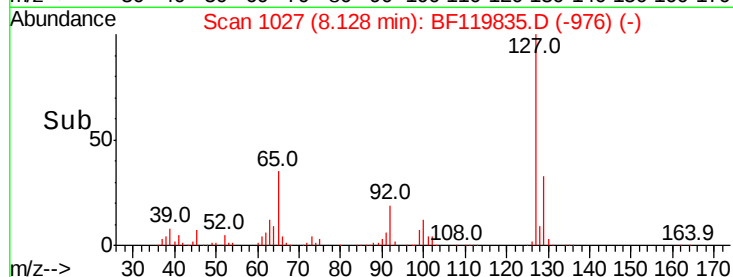
#33
4-Chloroaniline
Concen: 36.816 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	607941
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	35.4	28.3	42.5
92	19.3	15.4	23.2

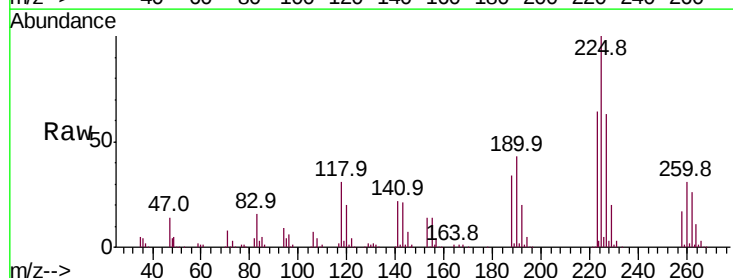


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

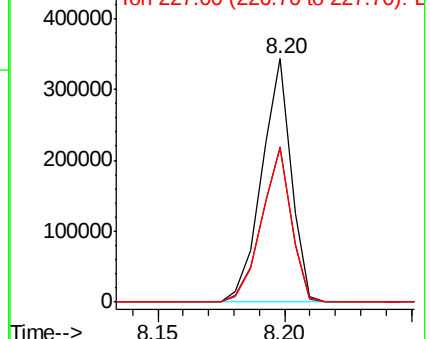
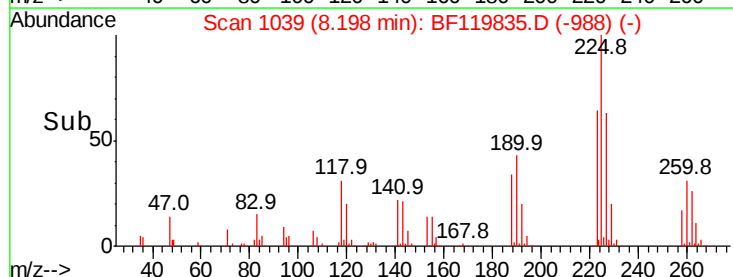


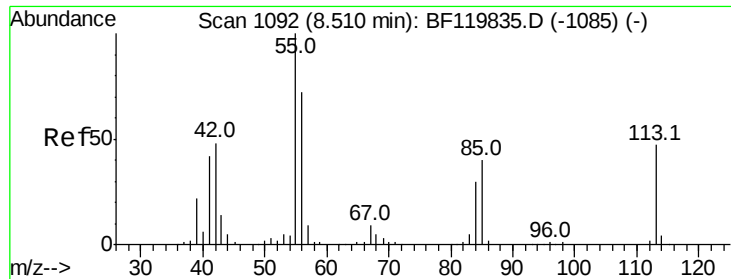
#34
Hexachlorobutadiene
Concen: 43.736 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:	225	Resp:	278771
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	63.0	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

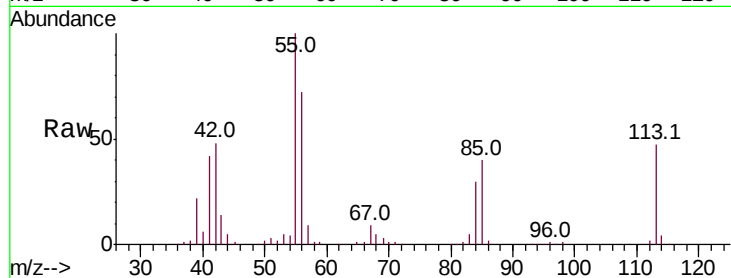




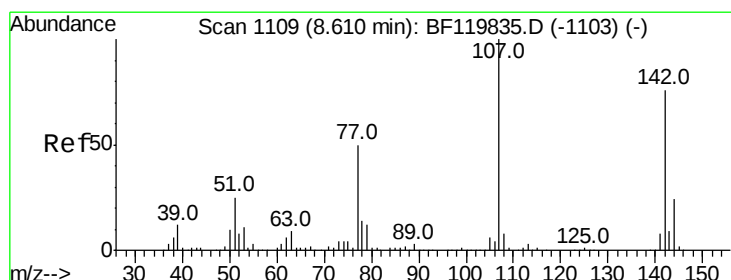
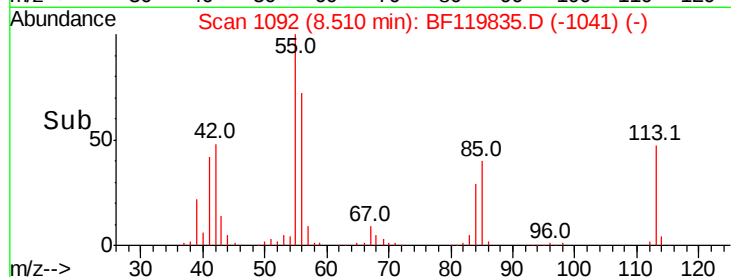
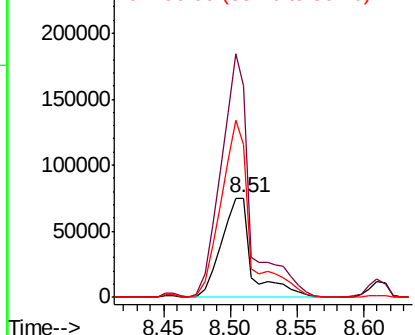
#35
 Caprolactam
 Concen: 36.237 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 122167
 Ion Ratio Lower Upper
 113 100
 55 212.7 192.7 232.7
 56 153.3 133.3 173.3

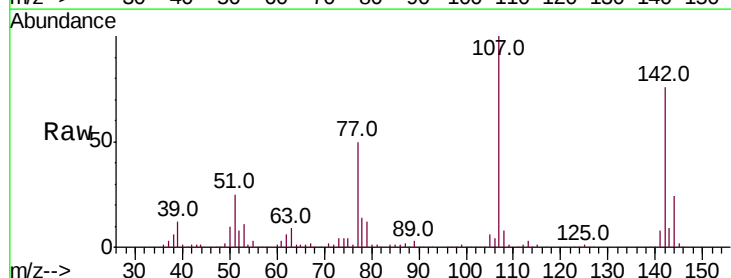


Abundance Ion 113.00 (112.70 to 113.70): E
 250000 Ion 55.00 (54.70 to 55.70): BF1
 200000 Ion 56.00 (55.70 to 56.70): BF1

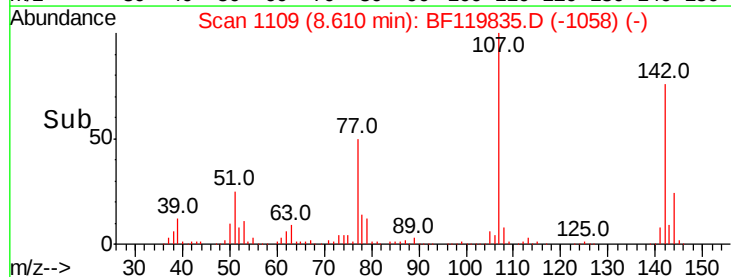
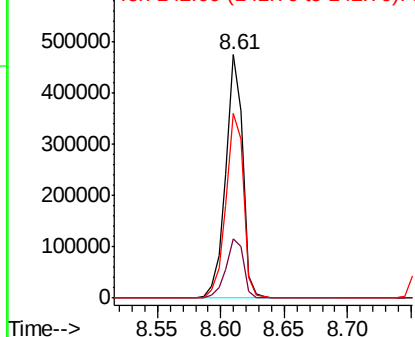


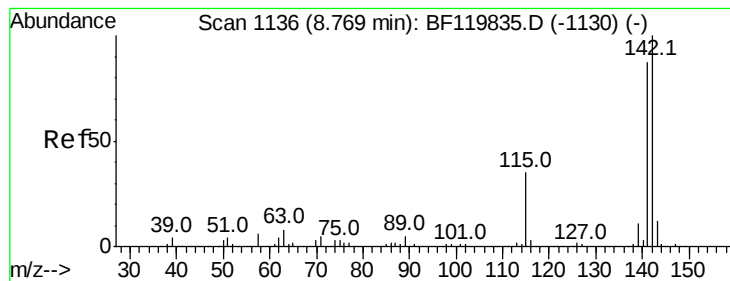
#36
 4-Chloro-3-methylphenol
 Concen: 39.069 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion:107 Resp: 439864
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.5 29.3
 142 75.6 60.5 90.7



Abundance Ion 107.00 (106.70 to 107.70): E
 600000 Ion 144.00 (143.70 to 144.70): E
 500000 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.410 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampled :

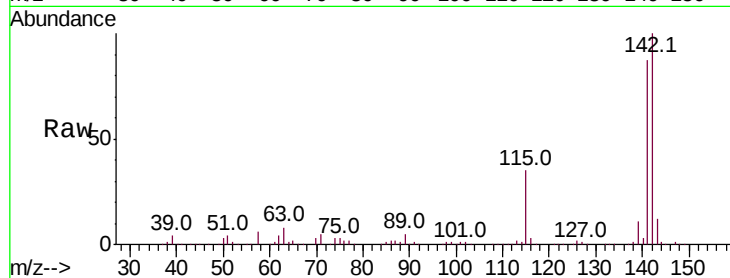
Tot Ion:142 Resp: 955740

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9

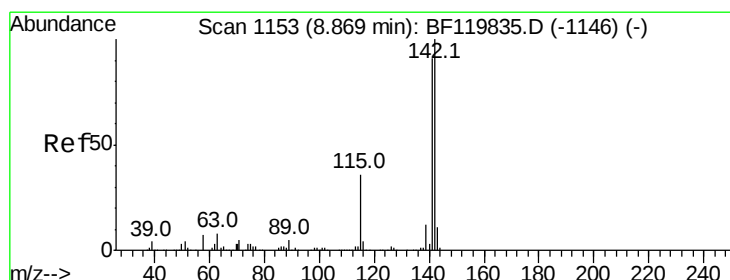
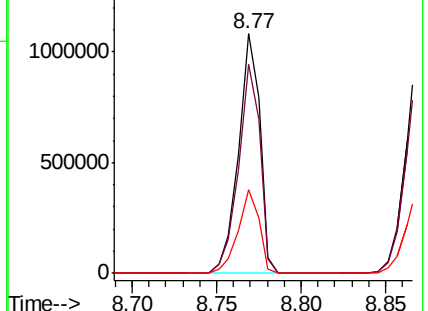
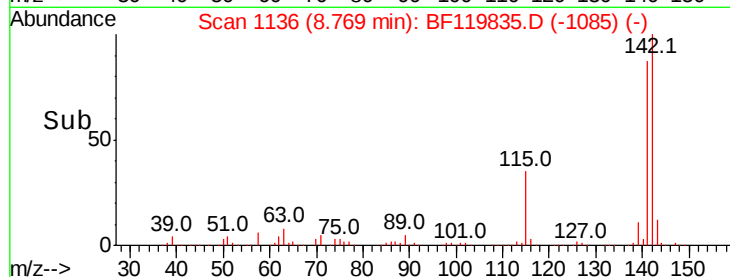
115 35.0 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.169 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

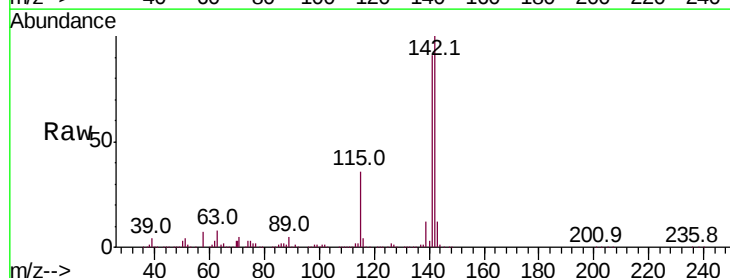
Tgt Ion:142 Resp: 966371

Ion Ratio Lower Upper

142 100

141 91.1 72.9 109.3

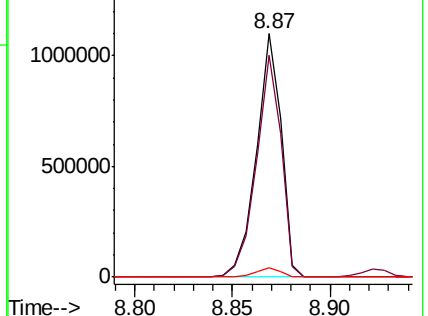
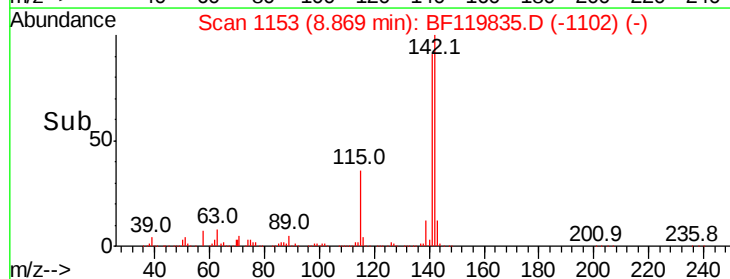
116 3.8 3.0 4.6

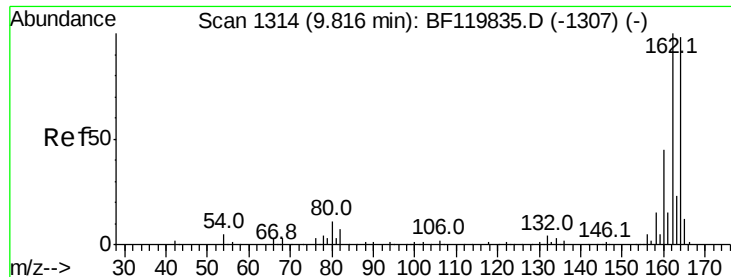


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

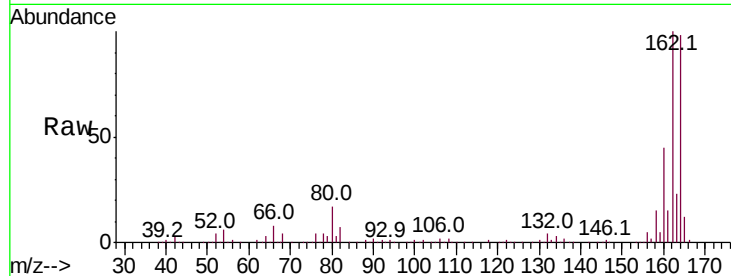




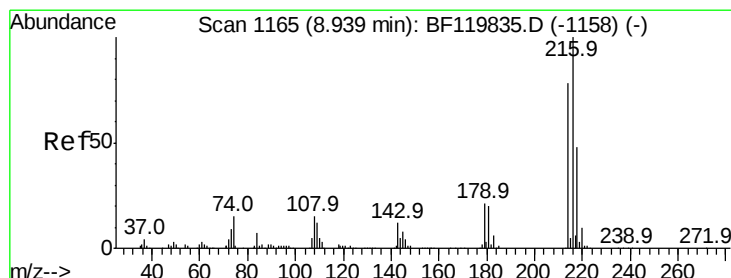
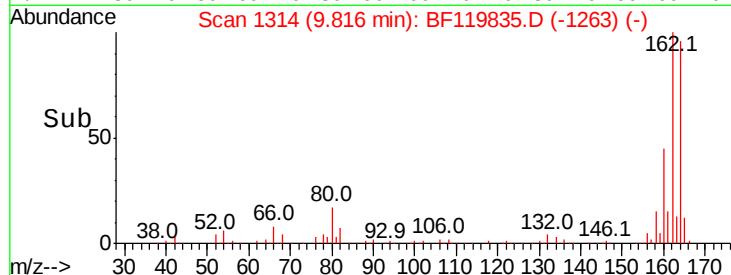
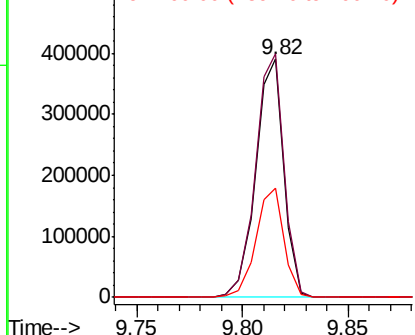
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 361618
Ion Ratio Lower Upper
164 100
162 102.4 81.9 122.9
160 45.7 36.6 54.8

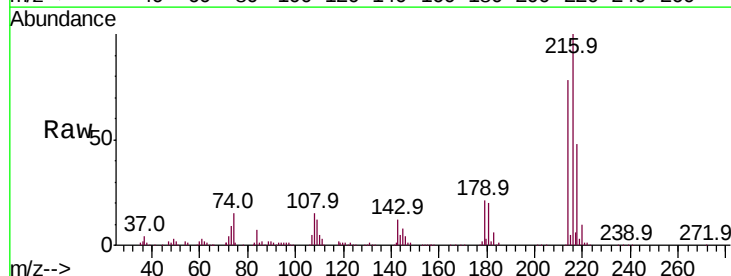


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

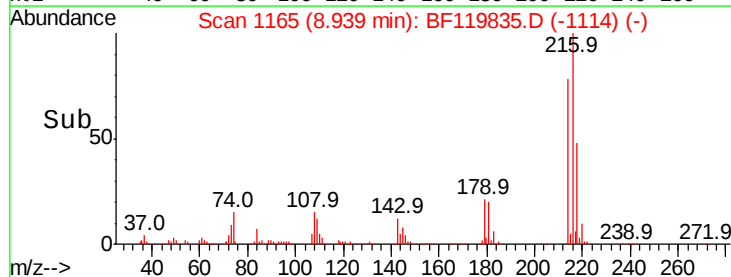
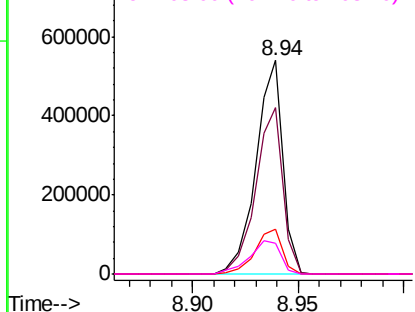


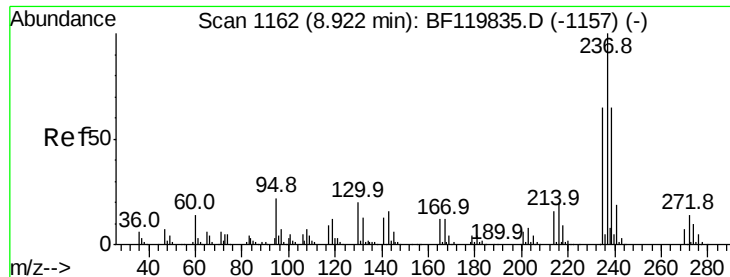
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.021 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:216 Resp: 477191
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 21.2 17.0 25.4
108 18.5 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: 44.782 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

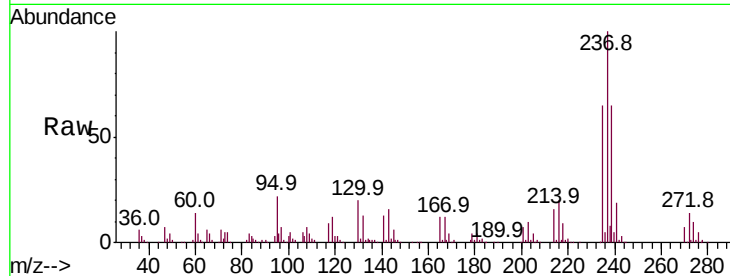
Tot Ion:237 Resp: 269849

Ion Ratio Lower Upper

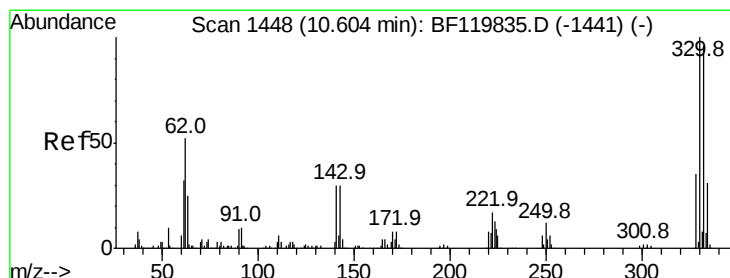
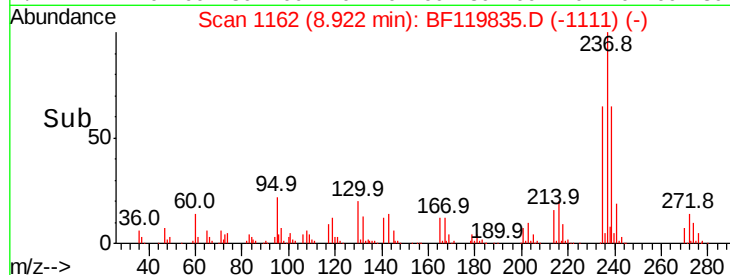
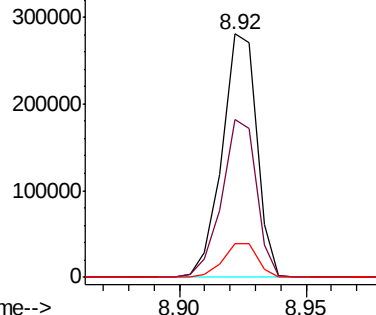
237 100

235 64.9 44.9 84.9

272 13.6 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: 97.961 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

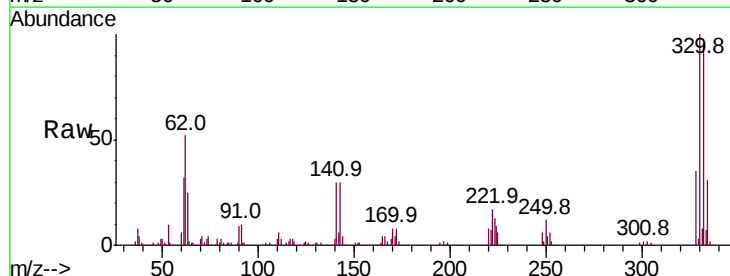
Tgt Ion:330 Resp: 365463

Ion Ratio Lower Upper

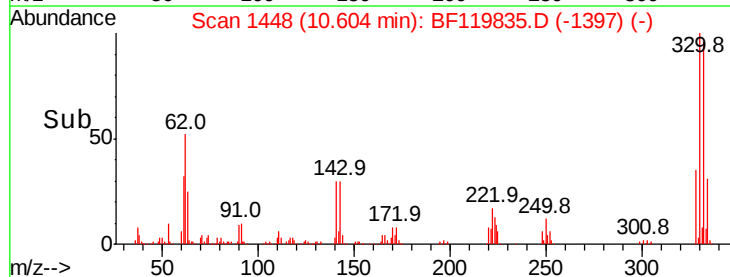
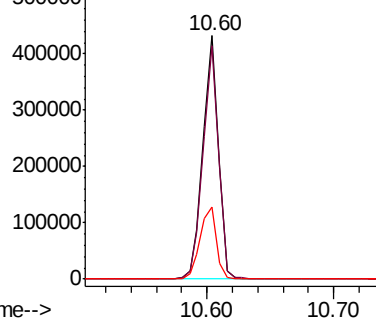
330 100

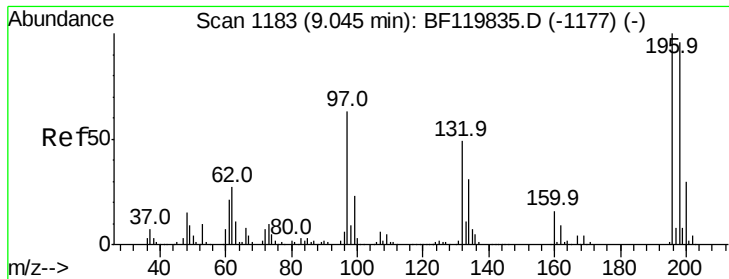
332 96.0 76.8 115.2

141 31.4 25.1 37.7



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

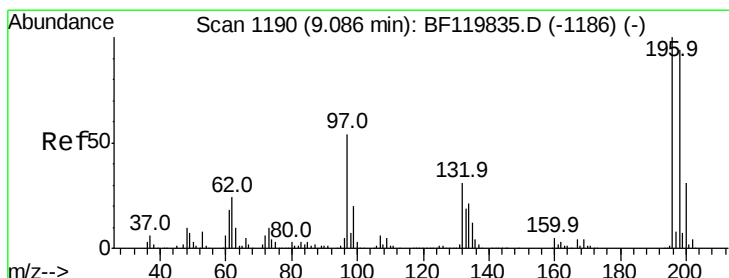
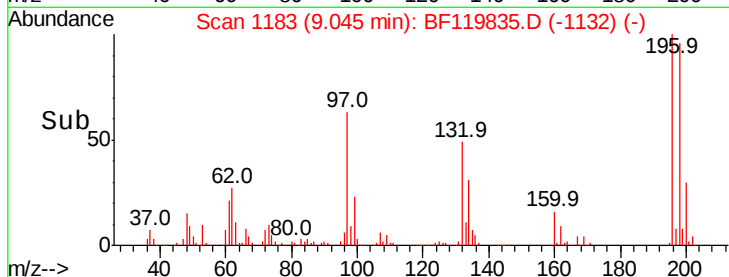
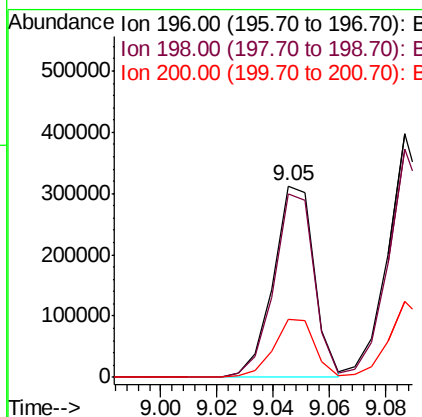
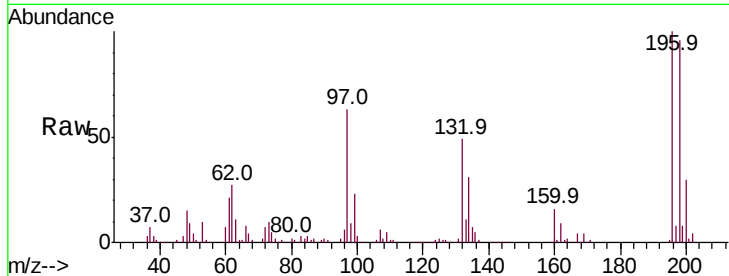




#43
 2,4,6-Trichlorophenol
 Concen: 41.257 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

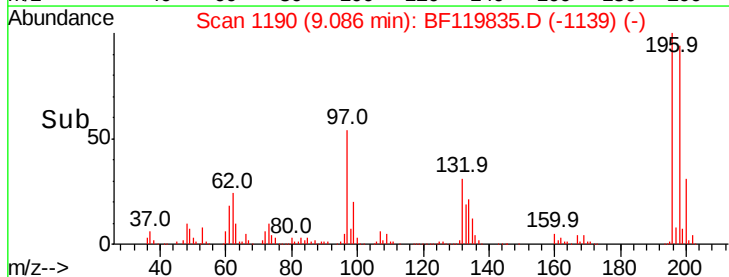
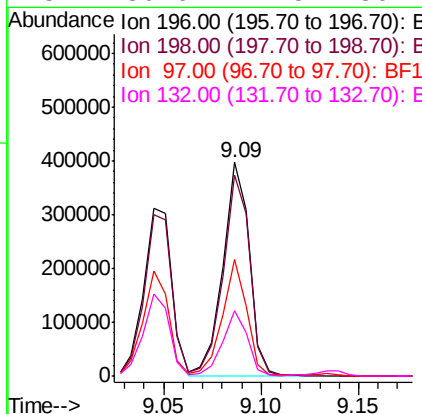
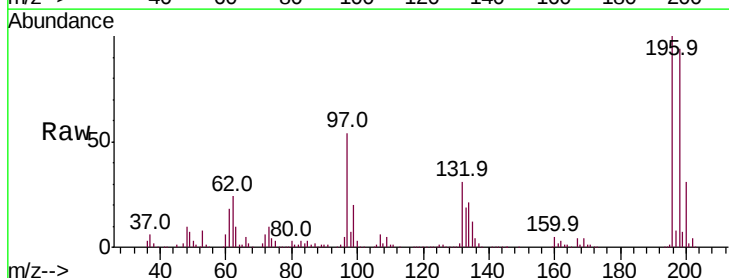
Instrument :
 BNA_F
 ClientSampled :

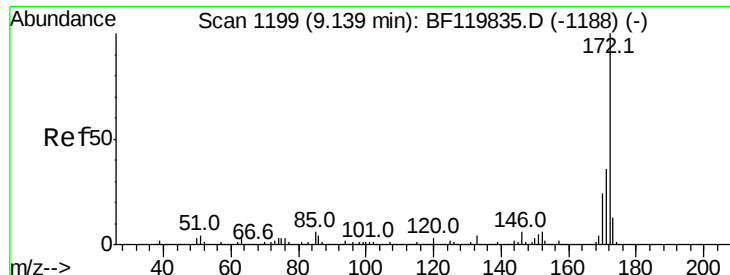
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
200	30.2	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.883 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.1	112.7
97	54.3	43.4	65.2
132	30.6	24.5	36.7

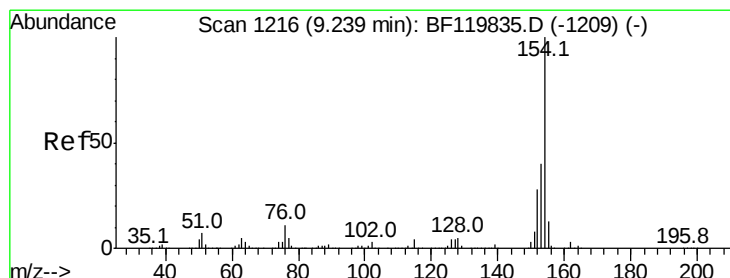
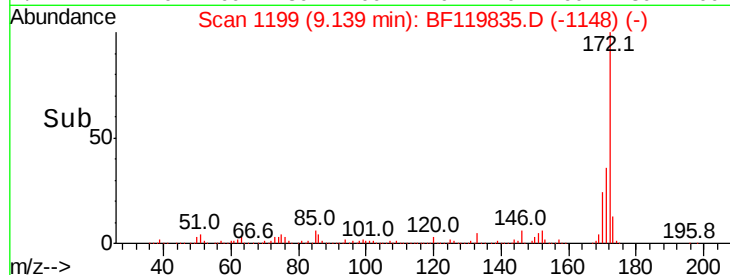
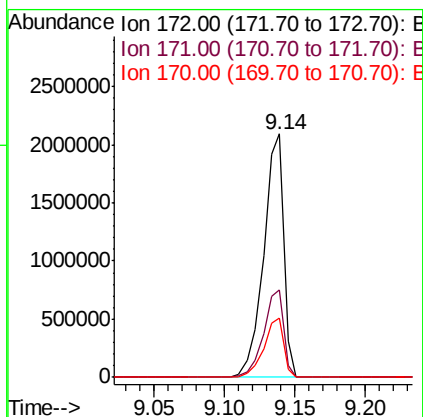
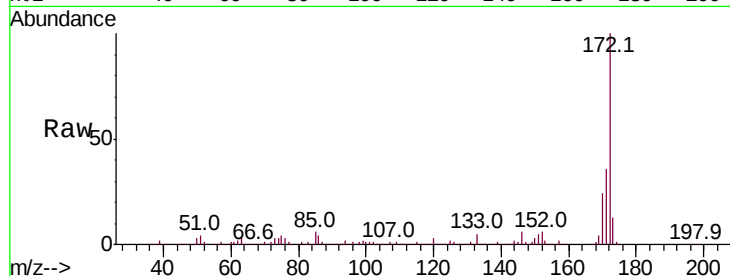




#45
2-Fluorobiphenyl
Concen: 86.344 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

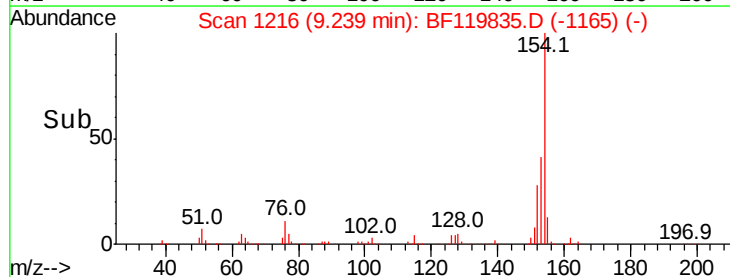
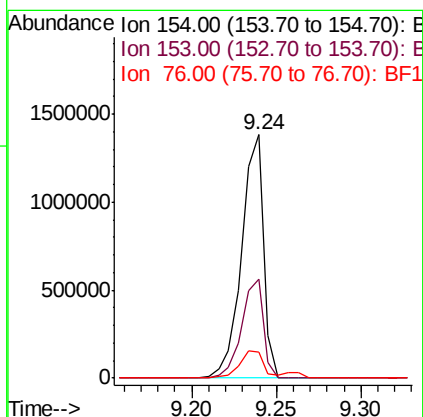
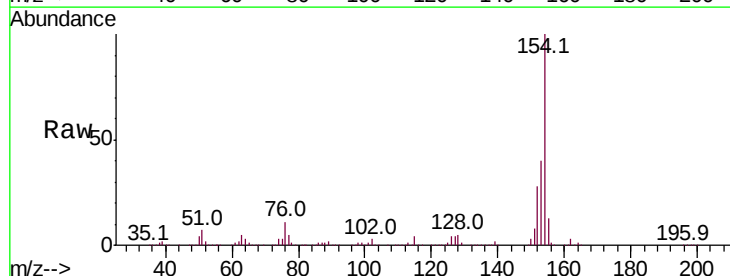
Instrument :
BNA_F
ClientSampleId :

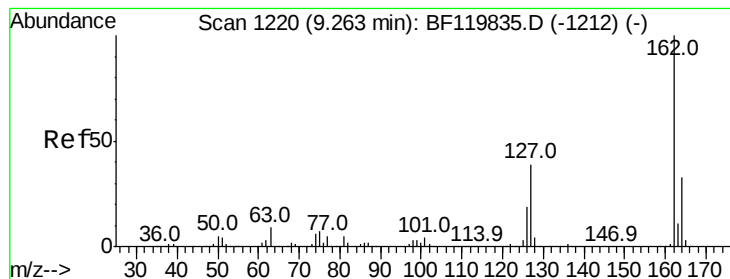
Tot Ion:172 Resp: 2107613
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.3 19.4 29.2



#46
1,1'-Biphenyl
Concen: 42.416 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:154 Resp: 1249225
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 10.6 0.0 30.6





#47

2-Chloronaphthalene

Concen: 40.591 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

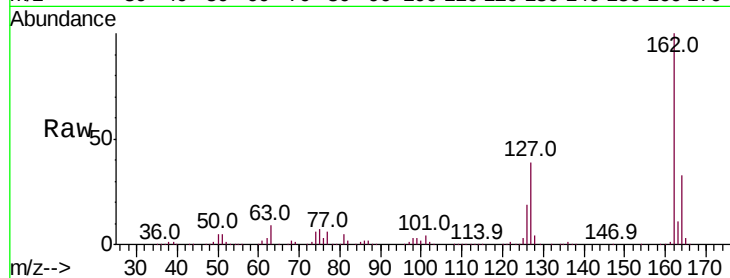
Tot Ion:162 Resp: 936431

Ion Ratio Lower Upper

162 100

127 39.0 31.2 46.8

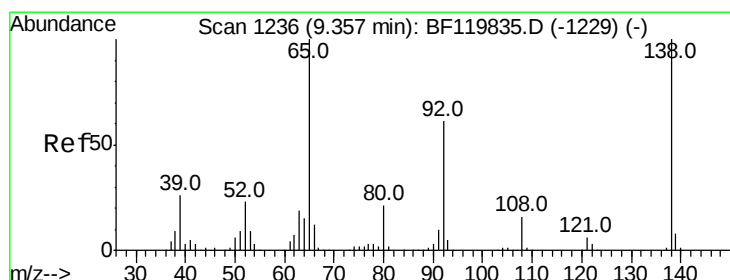
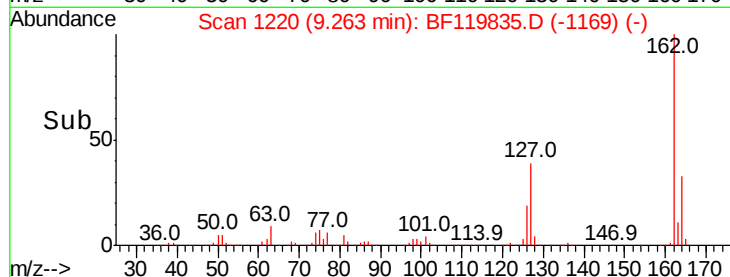
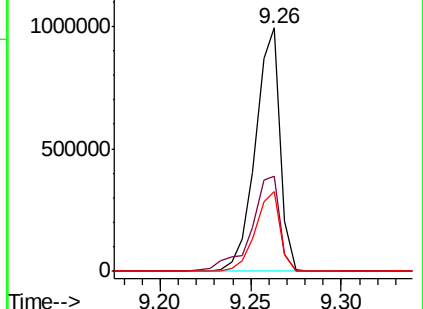
164 32.9 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.672 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

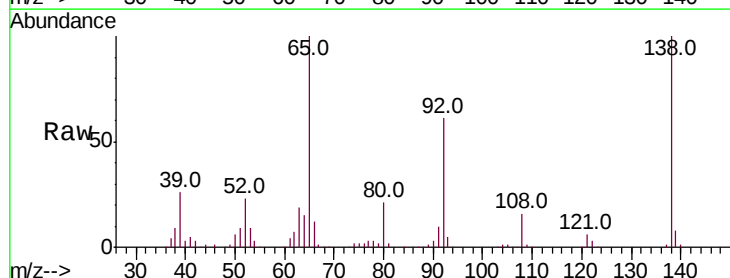
Tgt Ion: 65 Resp: 331828

Ion Ratio Lower Upper

65 100

92 61.3 49.0 73.6

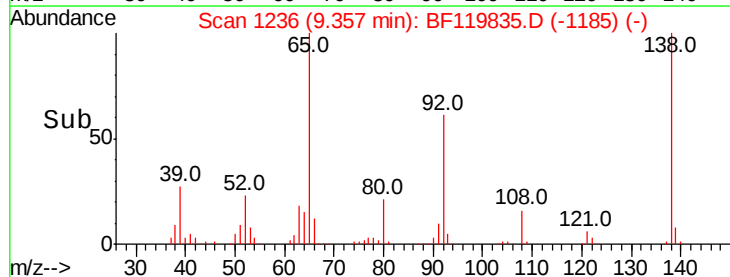
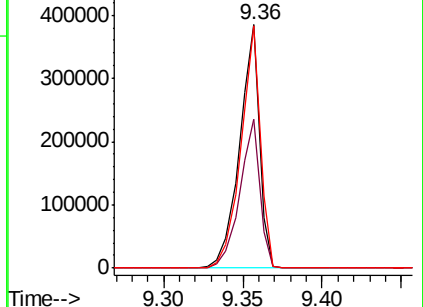
138 99.6 79.7 119.5

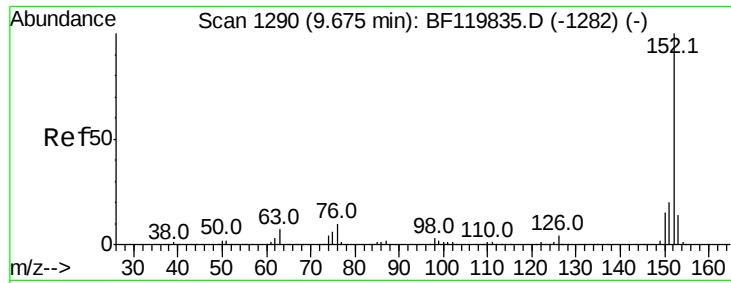


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.247 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

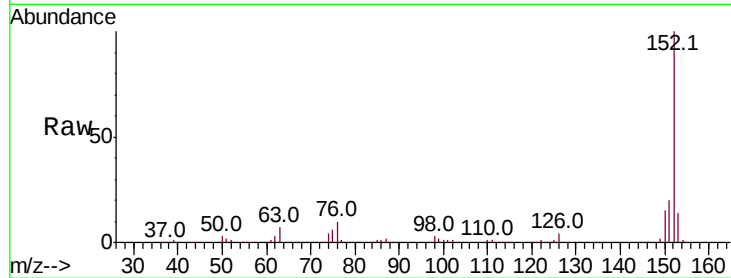
Tot Ion:152 Resp: 1421842

Ion Ratio Lower Upper

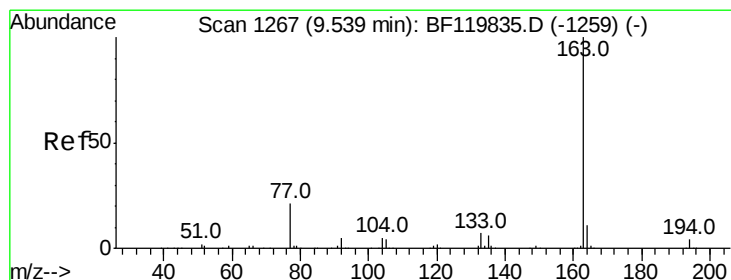
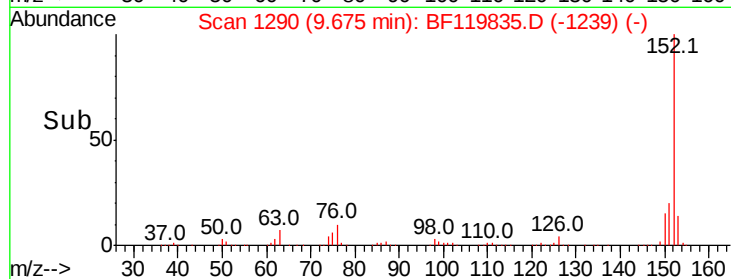
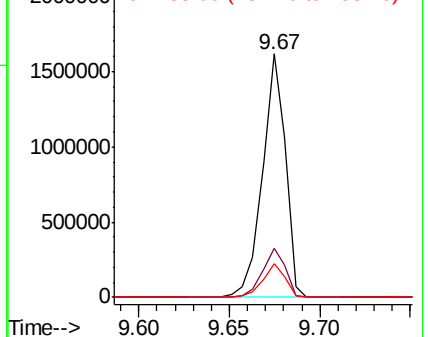
152 100

151 20.3 16.2 24.4

153 13.6 10.9 16.3



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



#50

Dimethylphthalate

Concen: 42.739 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

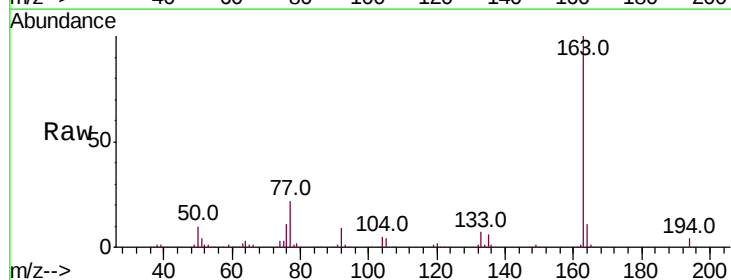
Tgt Ion:163 Resp: 1097799

Ion Ratio Lower Upper

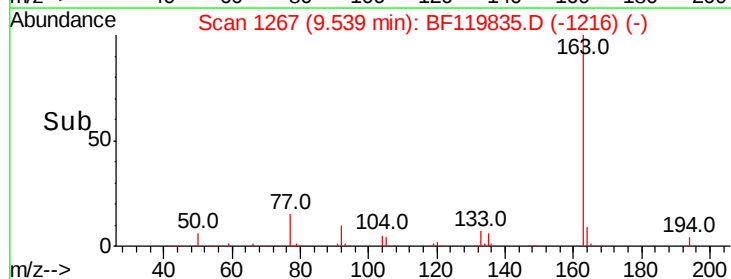
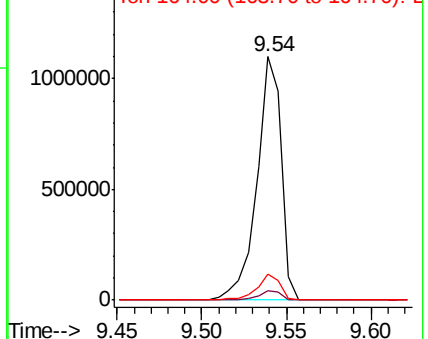
163 100

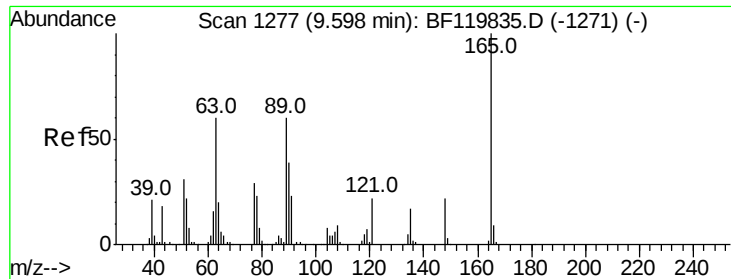
194 3.7 3.0 4.4

164 10.5 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: 43.721 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

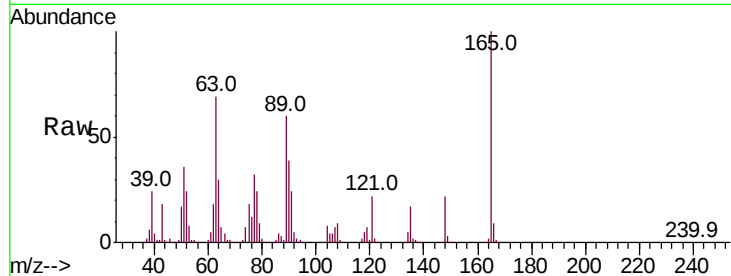
Tot Ion:165 Resp: 240709

Ion Ratio Lower Upper

165 100

63 69.5 55.6 83.4

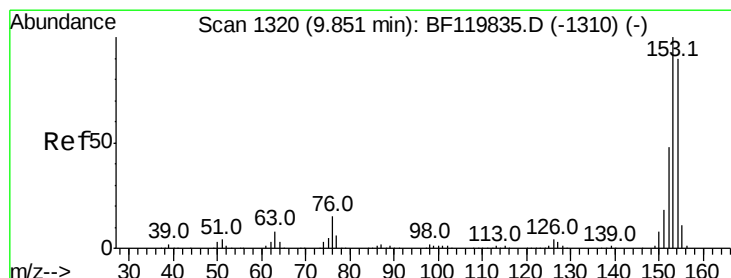
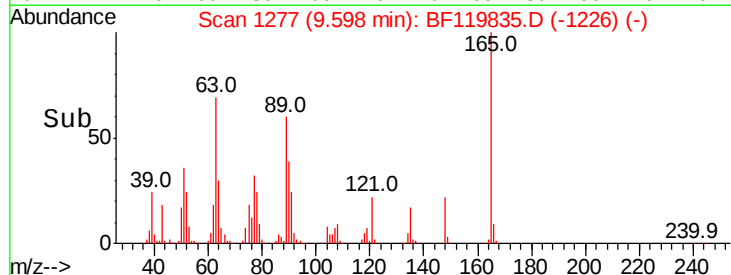
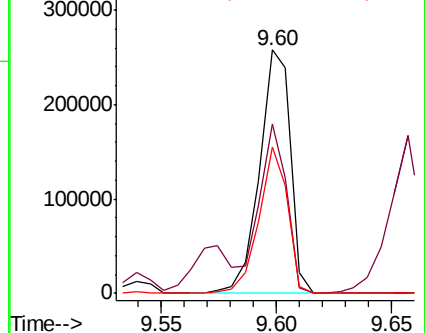
89 59.9 47.9 71.9



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: 40.871 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

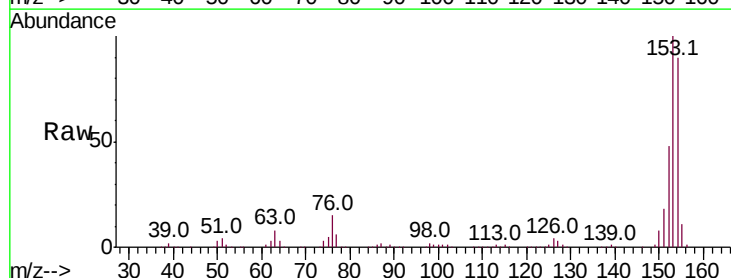
Tgt Ion:154 Resp: 923083

Ion Ratio Lower Upper

154 100

153 111.0 88.8 133.2

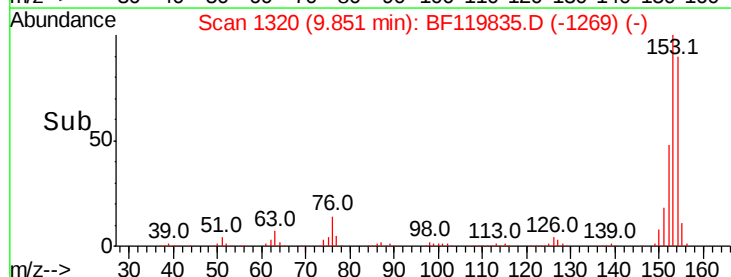
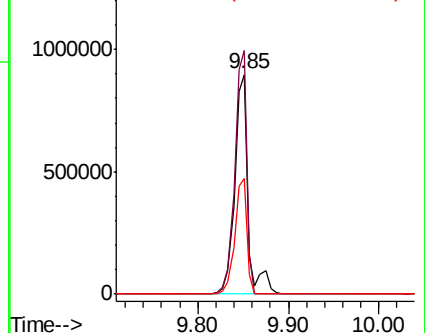
152 53.0 42.4 63.6

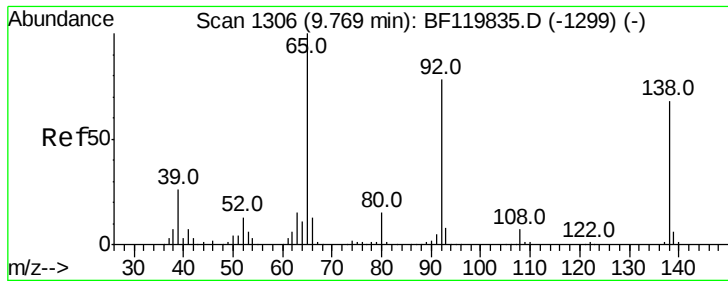


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

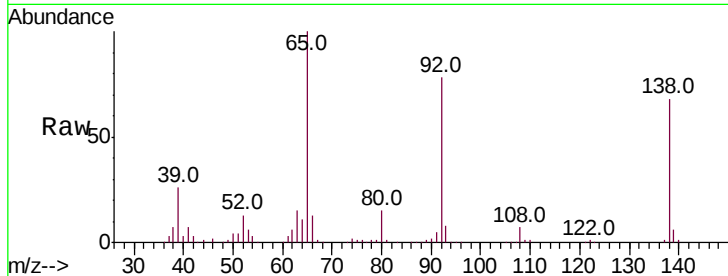




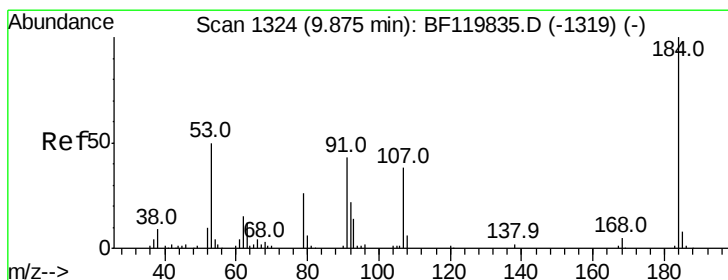
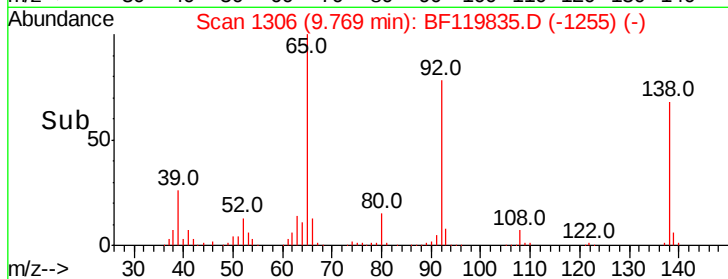
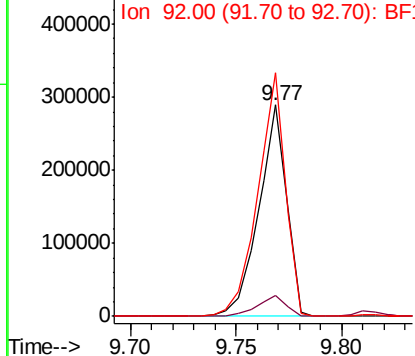
#53
 3-Nitroaniline
 Concen: 38.158 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 265229
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.0 12.0
 92 115.1 92.1 138.1

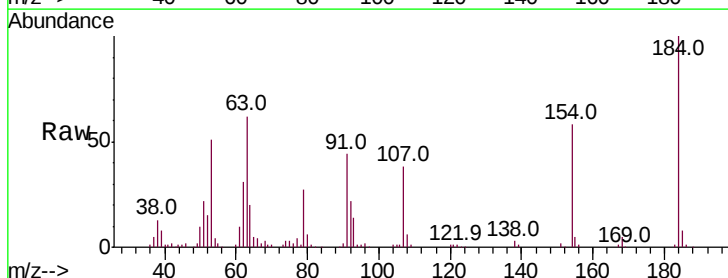


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

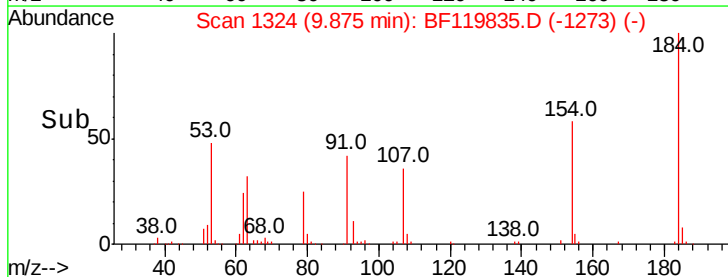
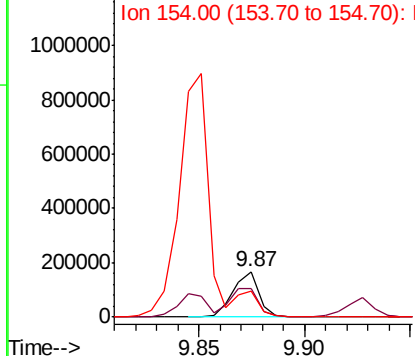


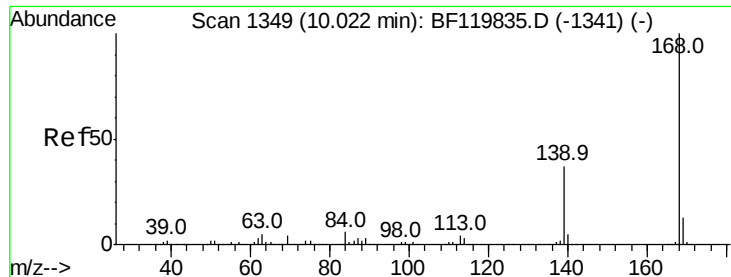
#54
 2,4-Dinitrophenol
 Concen: 71.791 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion:184 Resp: 144899
 Ion Ratio Lower Upper
 184 100
 63 62.2 49.8 74.6
 154 58.1 46.5 69.7



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

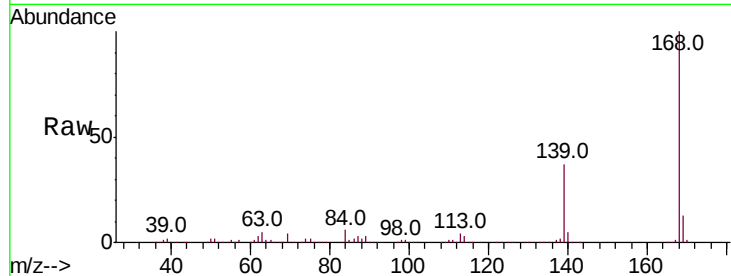




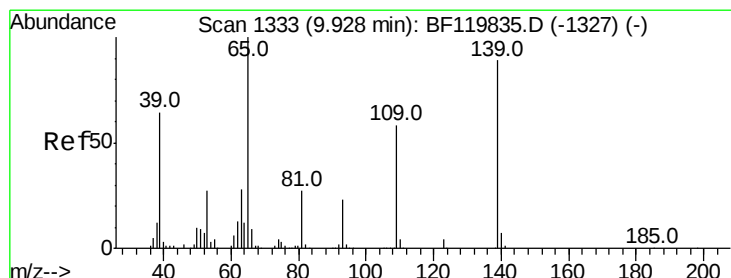
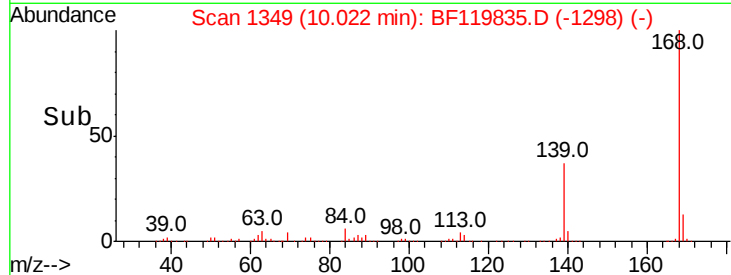
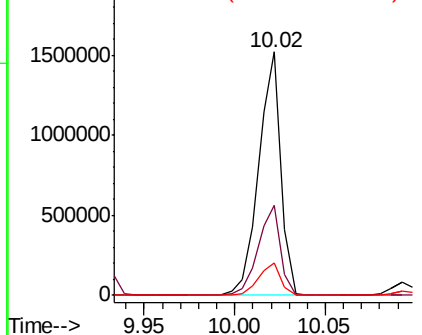
#55
Dibenzenofuran
Concen: 39.719 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1286148
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.2 10.6 15.8

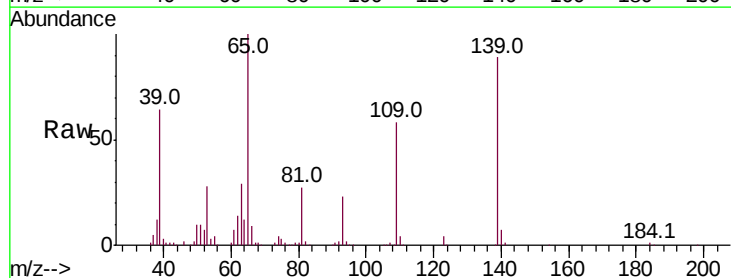


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

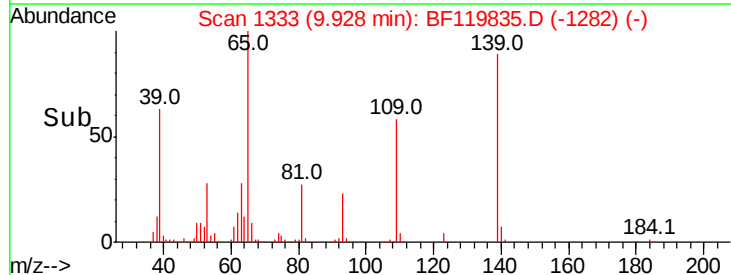
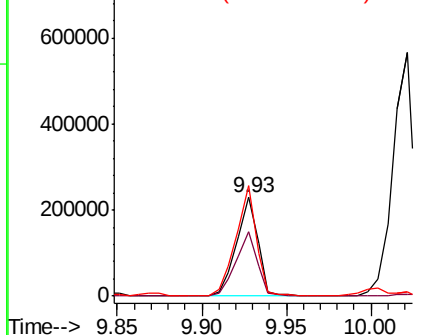


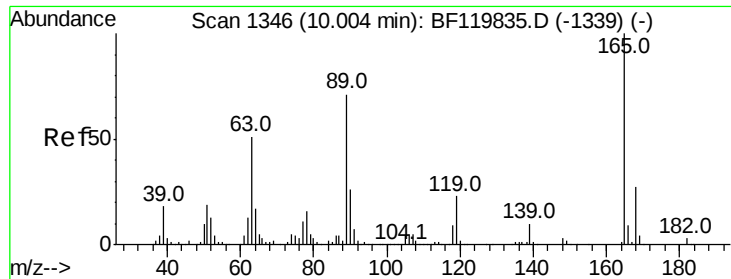
#56
4-Nitrophenol
Concen: 37.074 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:139 Resp: 203288
Ion Ratio Lower Upper
139 100
109 65.5 45.5 85.5
65 112.3 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

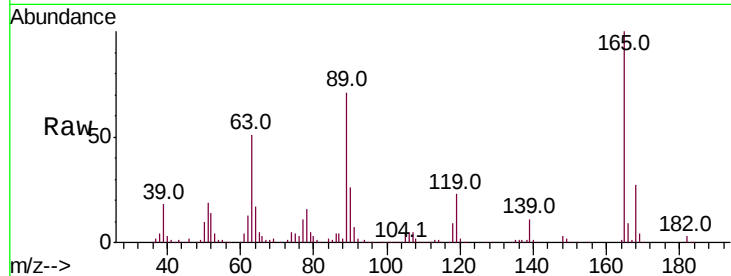




#57
 2,4-Dinitrotoluene
 Concen: 45.557 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.8	61.2
89	71.1	56.9	85.3
182	2.5	2.0	3.0



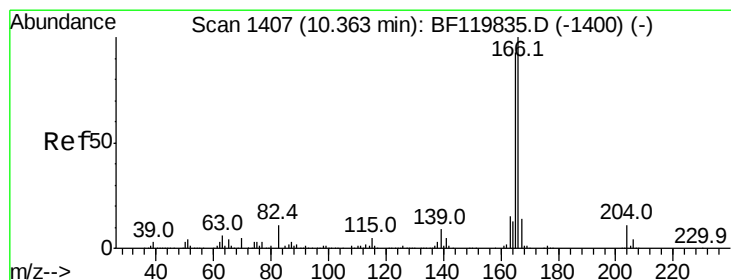
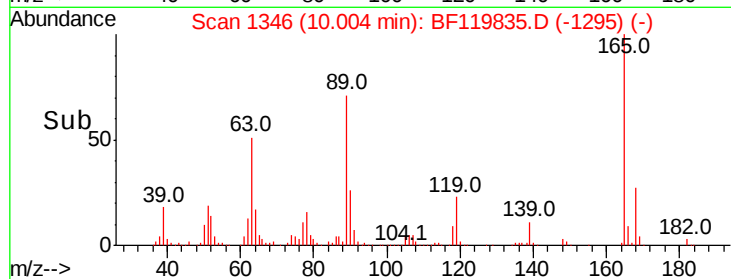
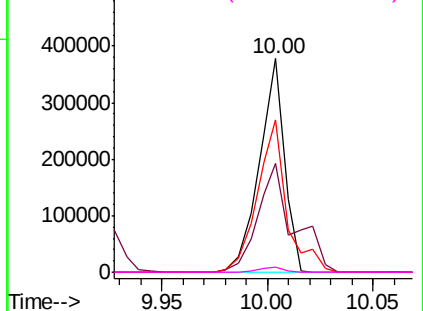
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

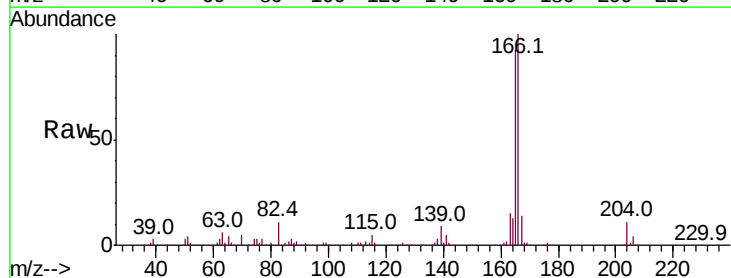
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.331 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.7	74.2	111.2
167	13.5	10.8	16.2

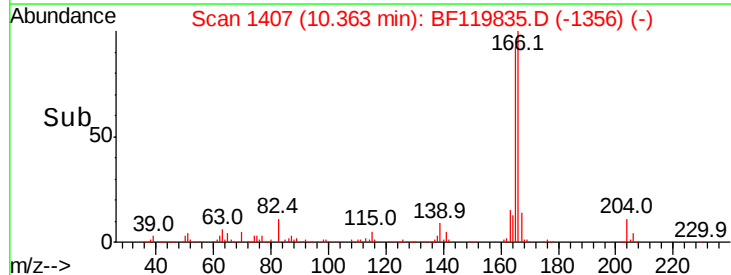
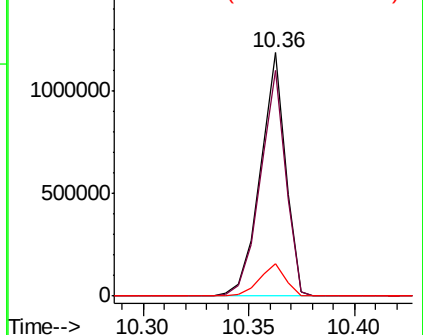


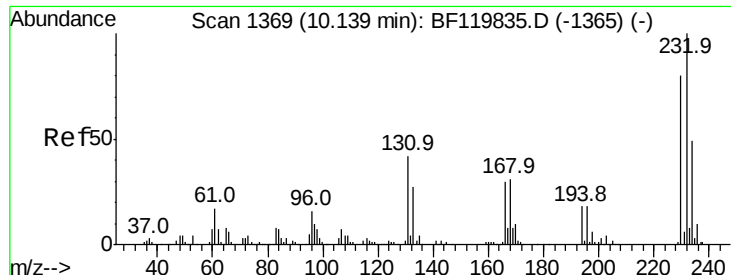
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

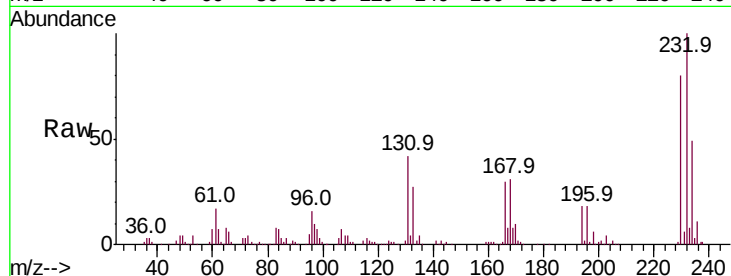




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.176 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.9	56.9
130	2.2	1.8	2.6
166	31.7	25.4	38.0



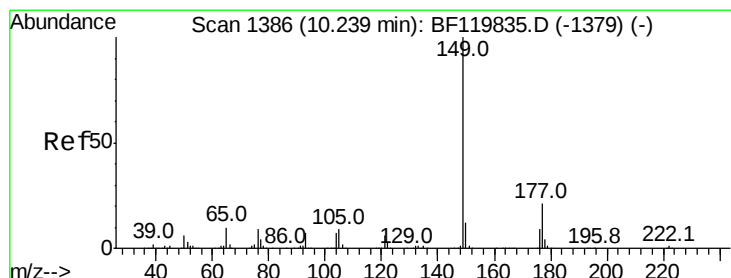
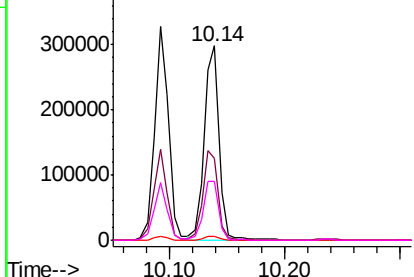
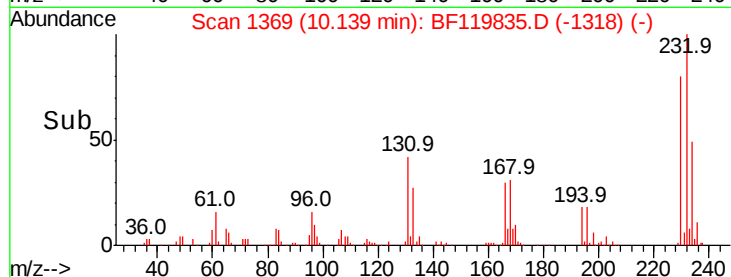
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

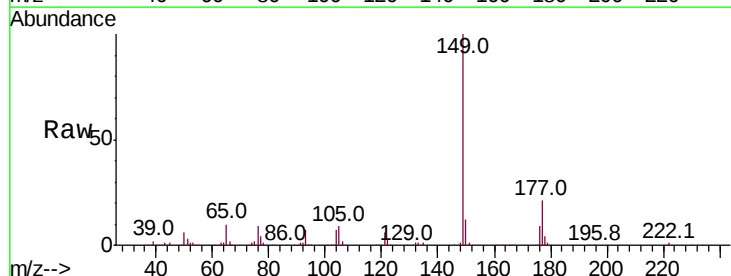
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.036 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.2	9.8	14.6

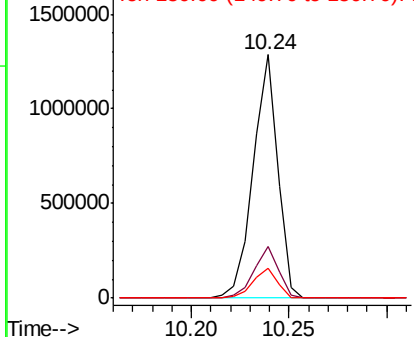
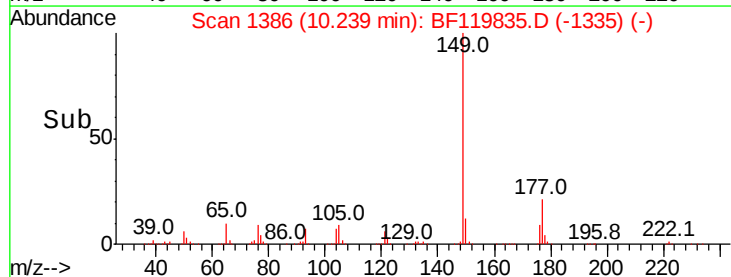


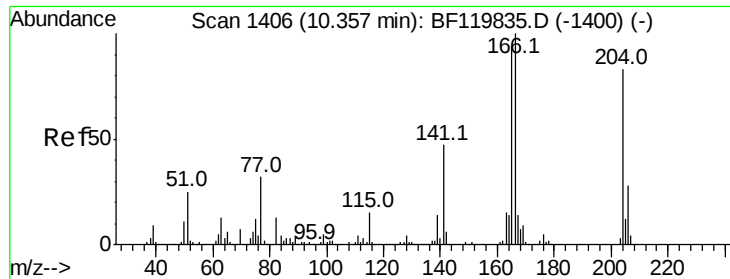
Abundance

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

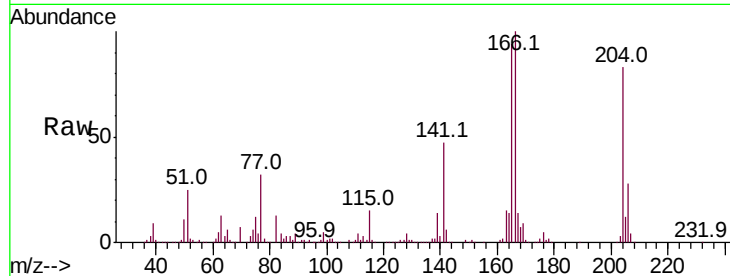




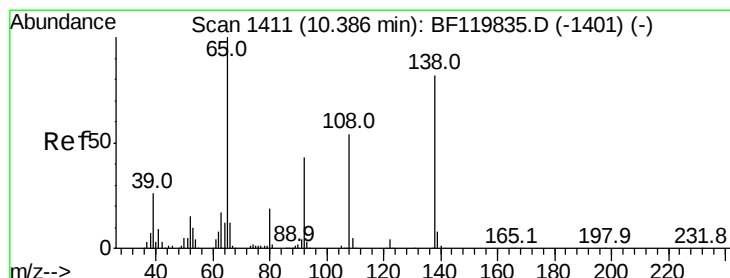
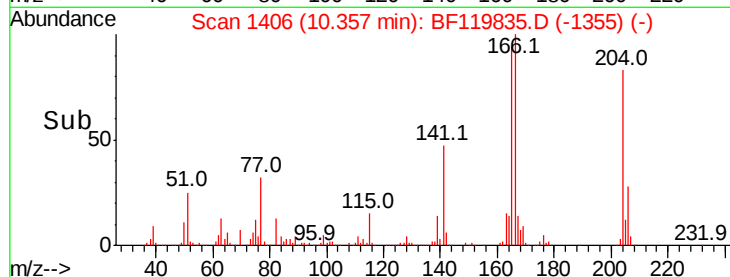
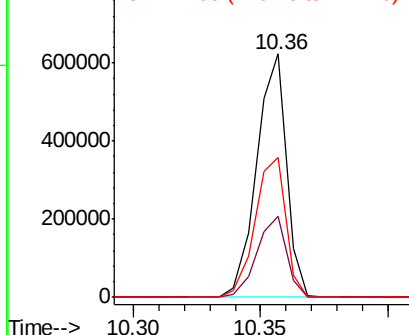
#61
4-Chlorophenyl-phenylether
Concen: 43.787 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 512745
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 57.3 45.8 68.8

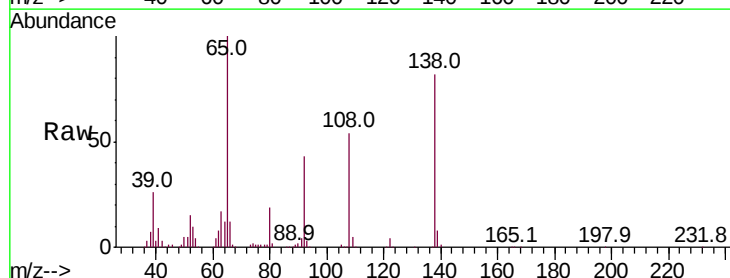


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

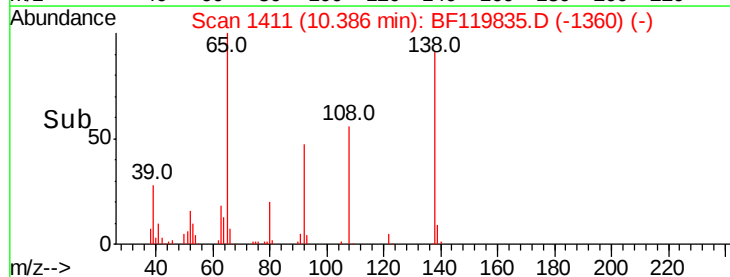
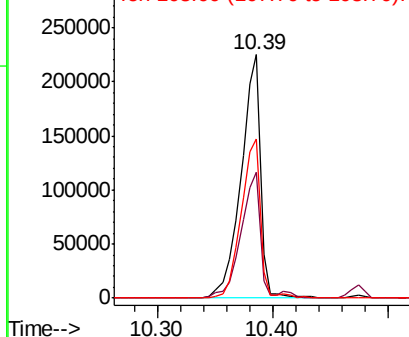


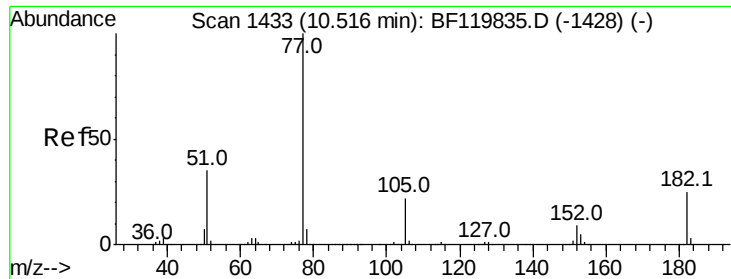
#62
4-Nitroaniline
Concen: 39.546 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:138 Resp: 263584
Ion Ratio Lower Upper
138 100
92 51.6 31.6 71.6
108 65.2 45.2 85.2



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





#63

Azobenzene

Concen: 39.208 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1029313

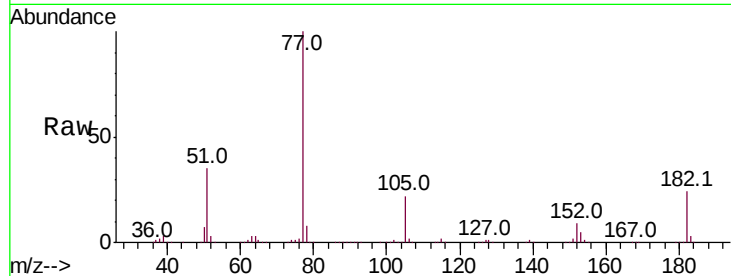
Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.5	44.5
105	22.2	2.2	42.2
51	35.1	15.1	55.1

77 100

182 24.5 4.5 44.5

105 22.2 2.2 42.2

51 35.1 15.1 55.1



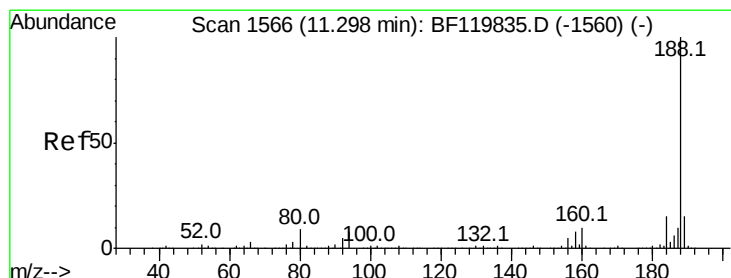
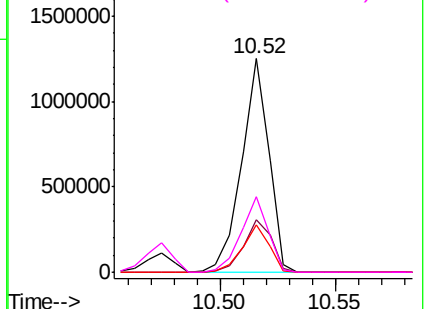
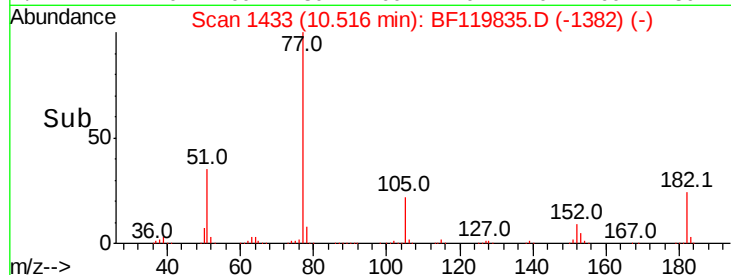
Abundance

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: BF119835.D

Acq: 8 Apr 2020 20:08

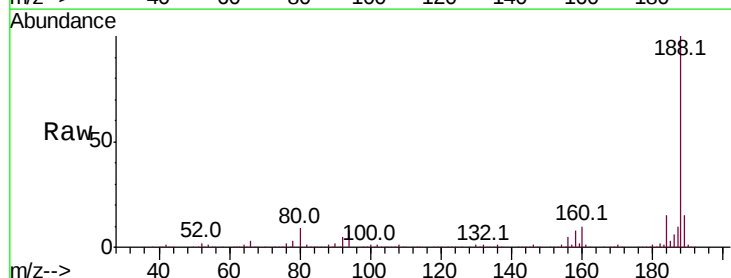
Tgt Ion: 188 Resp: 671120

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.3	7.4	11.2

188 100

94 8.4 6.7 10.1

80 9.3 7.4 11.2

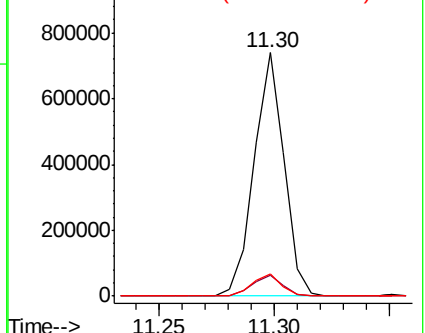
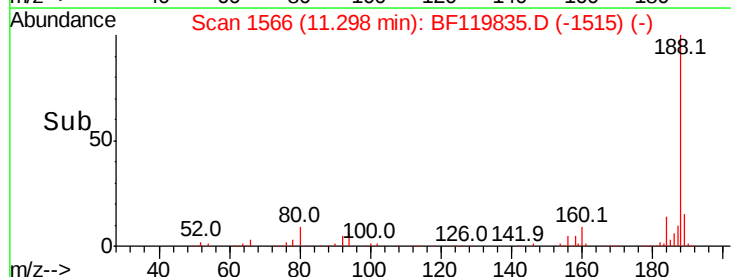


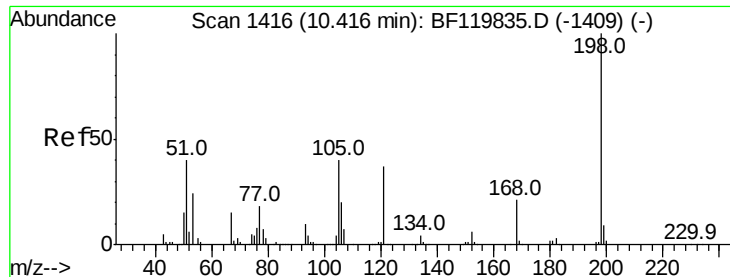
Abundance

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: 63.698 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampled :

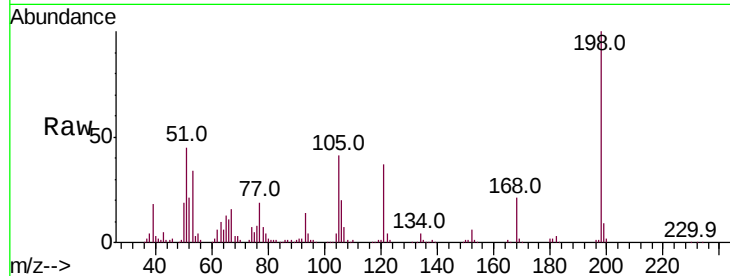
Tot Ion:198 Resp: 179258

Ion Ratio Lower Upper

198 100

51 45.2 25.2 65.2

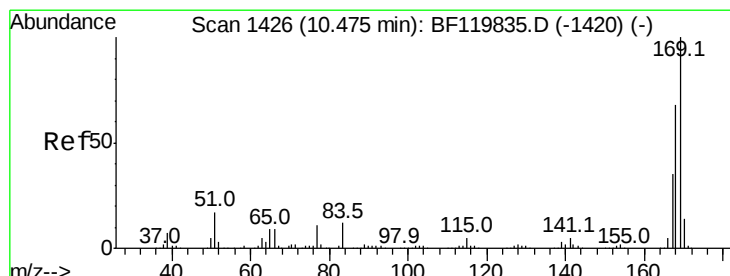
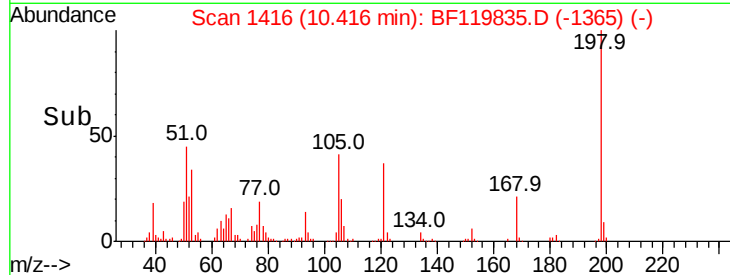
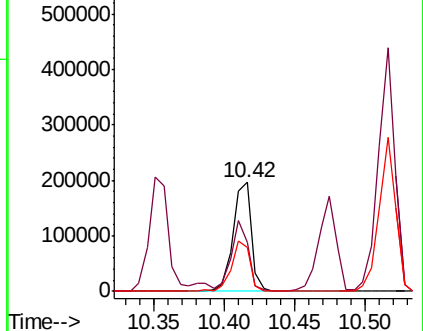
105 40.8 20.8 60.8



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: 39.983 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

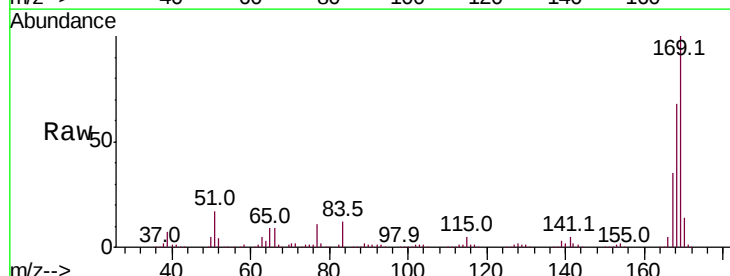
Tgt Ion:169 Resp: 880888

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

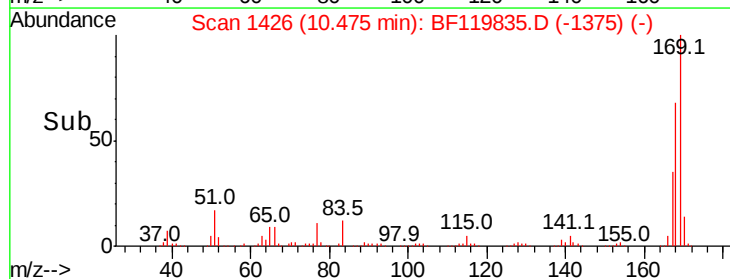
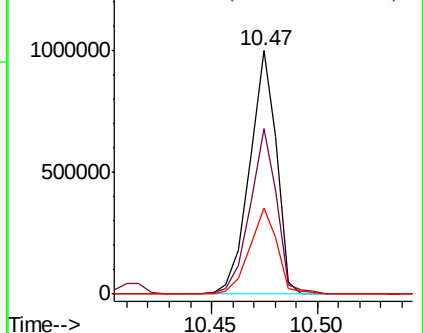
167 35.4 28.3 42.5

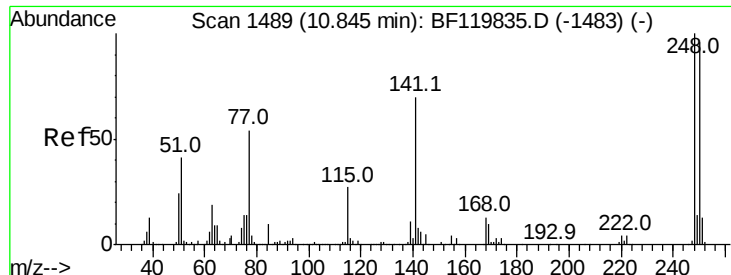


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

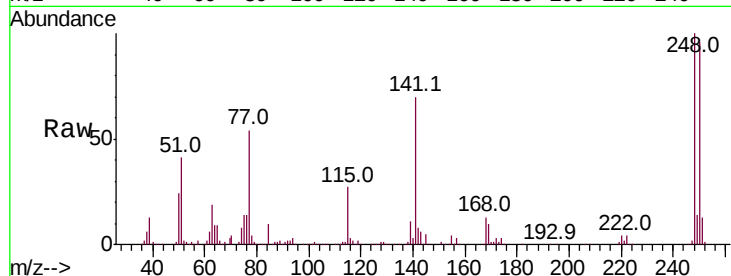




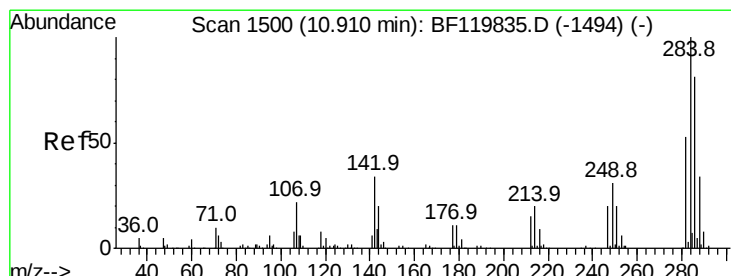
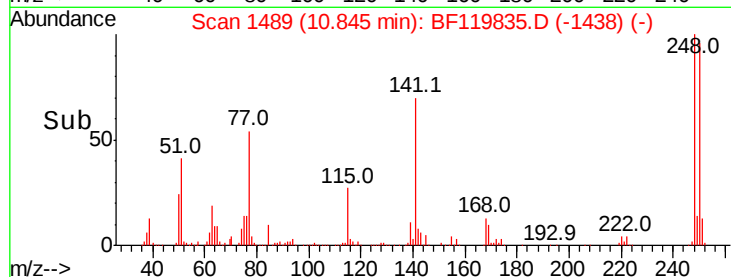
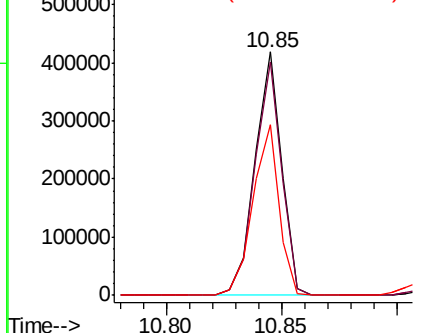
#67
 4-Bromophenyl-phenylether
 Concen: 44.264 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 338316
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.6 114.8
 141 69.9 55.9 83.9

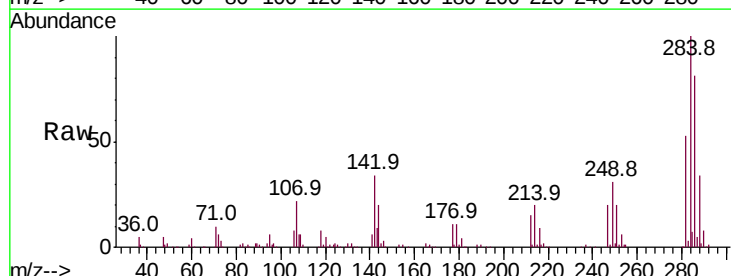


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

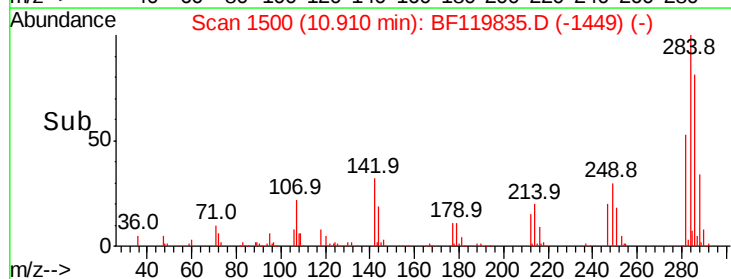
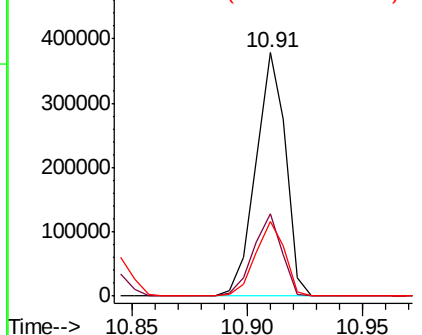


#68
 Hexachlorobenzene
 Concen: 43.611 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion:284 Resp: 341156
 Ion Ratio Lower Upper
 284 100
 142 33.6 26.9 40.3
 249 30.8 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

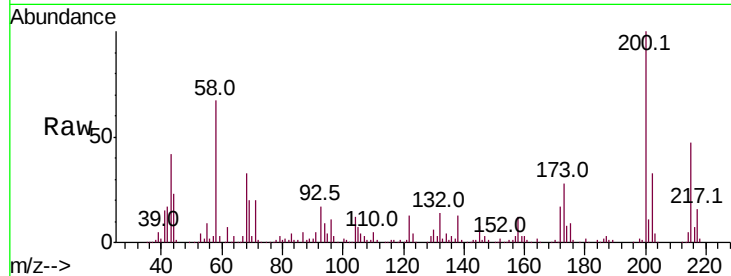




#69
Atrazine
Concen: 43.066 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.0	48.0
215	47.1	27.1	67.1

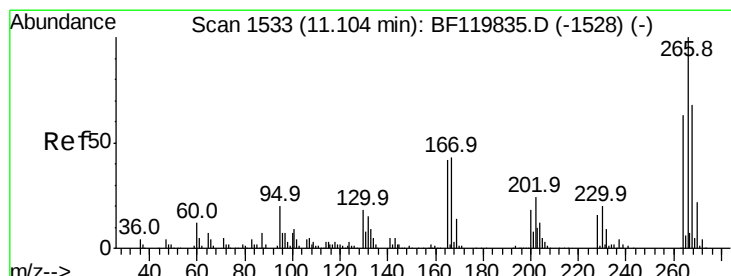
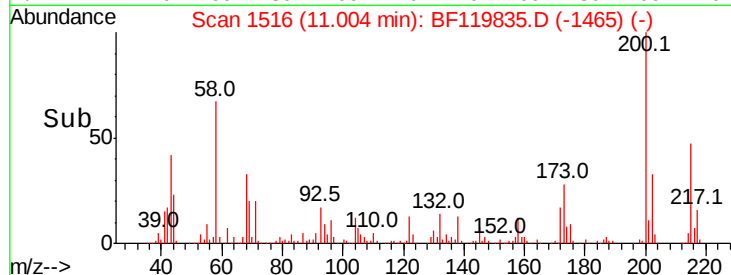
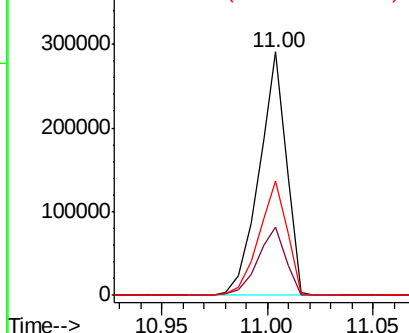


Abundance

Ion 200.00 (199.70 to 200.70): E

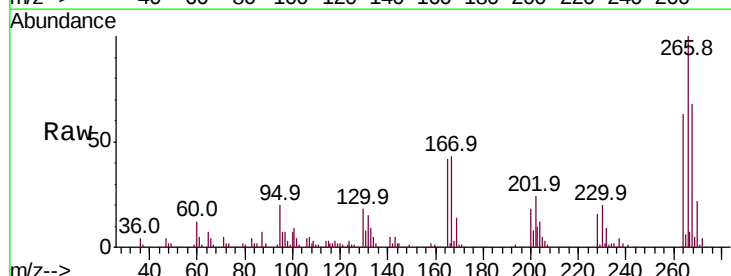
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 44.213 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	54.2	81.4
264	63.3	50.6	76.0

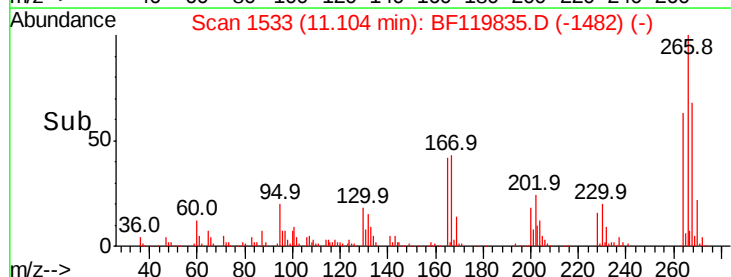
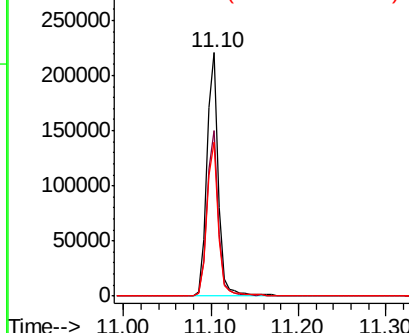


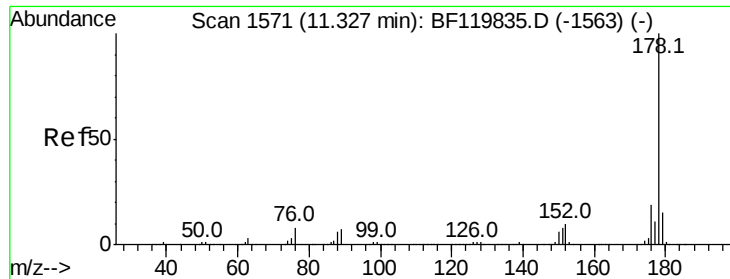
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

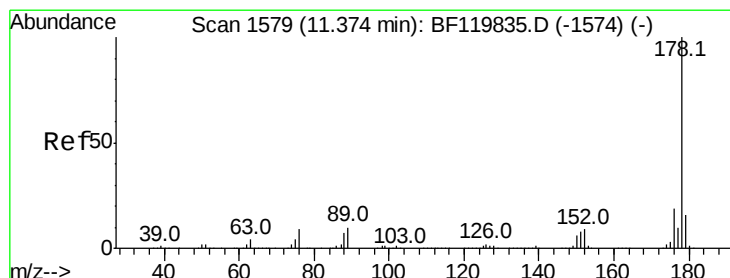
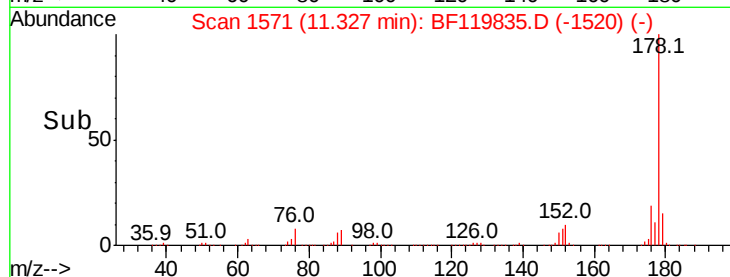
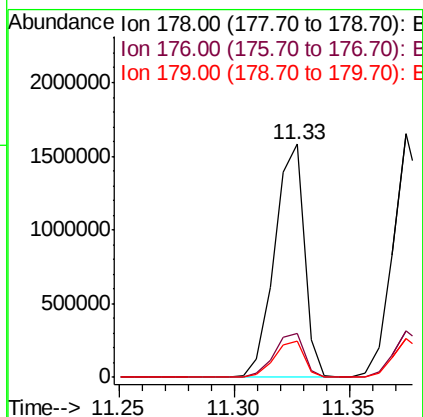
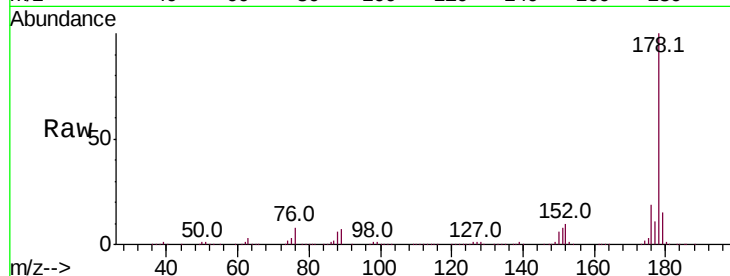




#71
Phenanthrene
Concen: 40.591 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

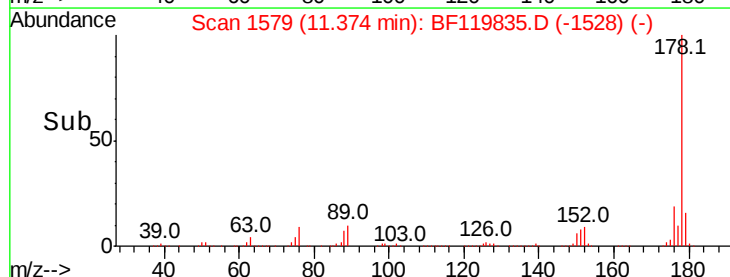
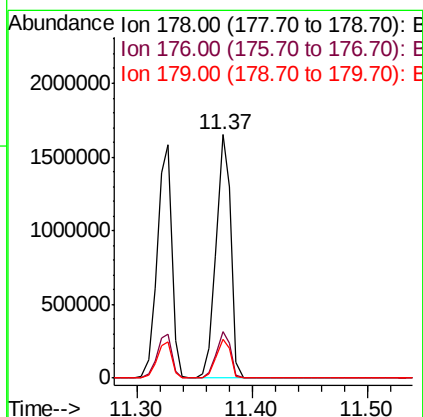
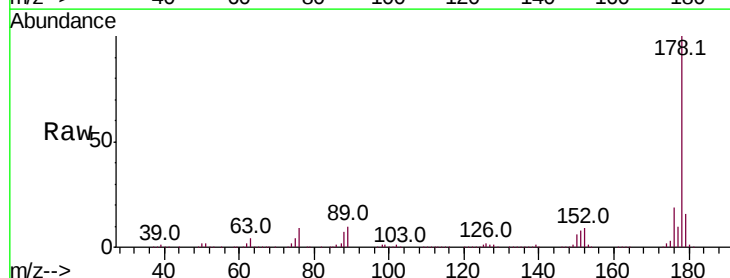
Instrument :
BNA_F
ClientSampleId :

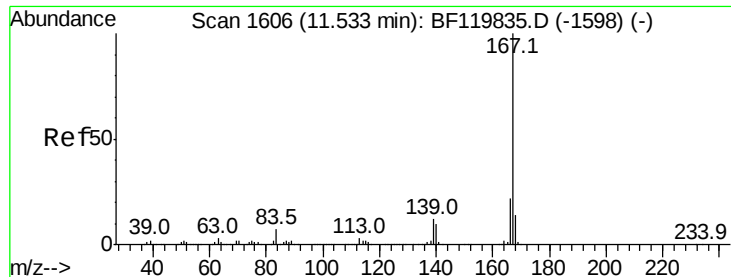
Tot Ion:178 Resp: 1412555
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.2 18.4



#72
Anthracene
Concen: 41.311 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:178 Resp: 1461072
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.0 12.8 19.2

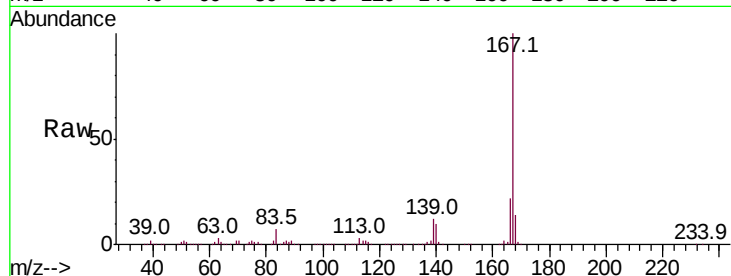




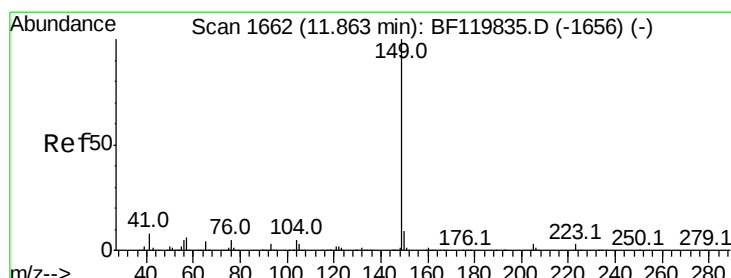
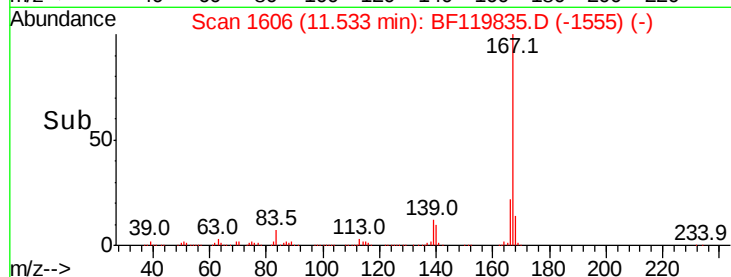
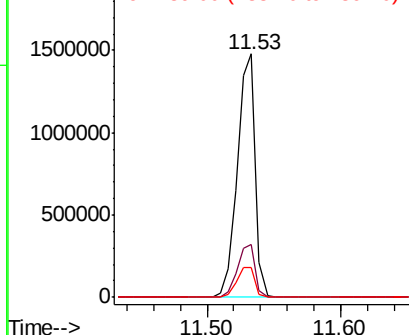
#73
 Carbazole
 Concen: 39.404 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1379433
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.3 9.8 14.8

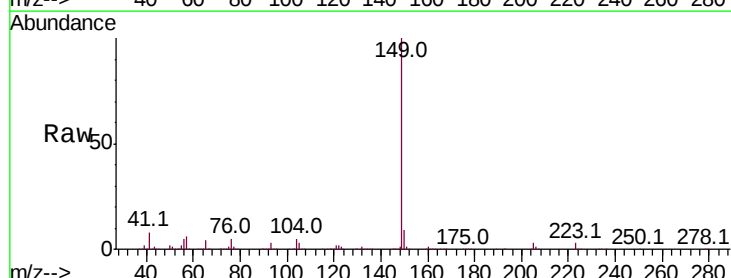


Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

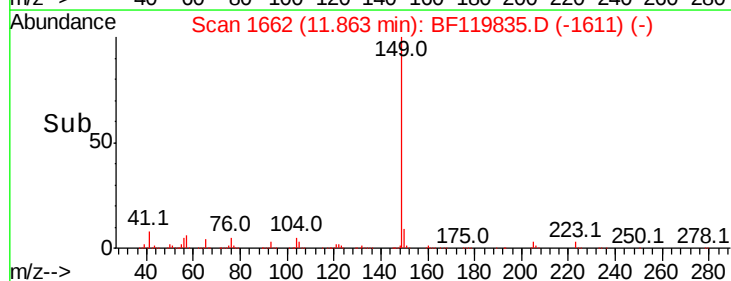
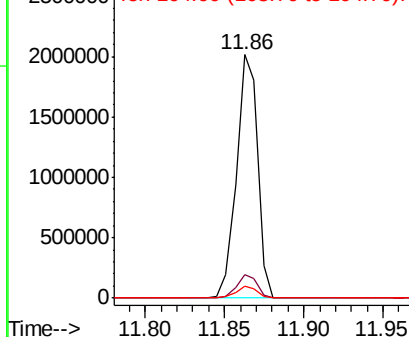


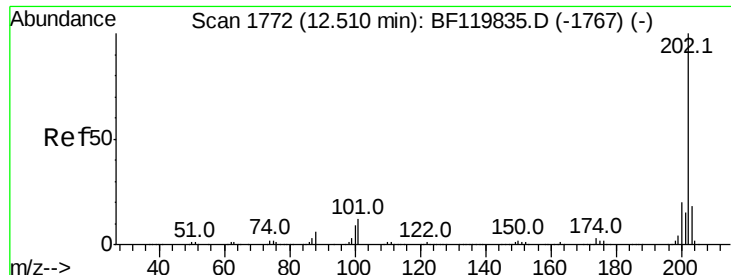
#74
 Di-n-butylphthalate
 Concen: 49.502 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion:149 Resp: 1853795
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

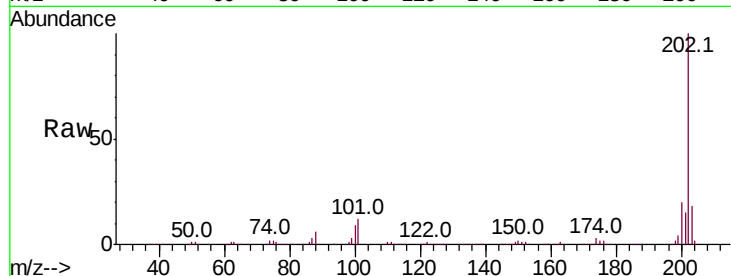




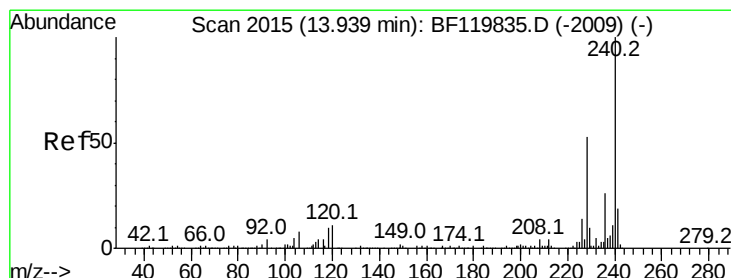
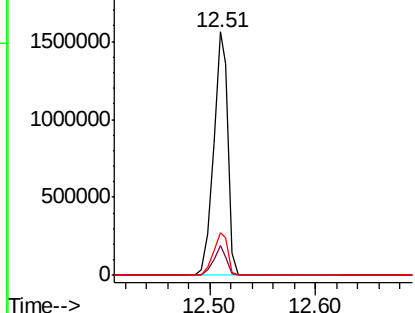
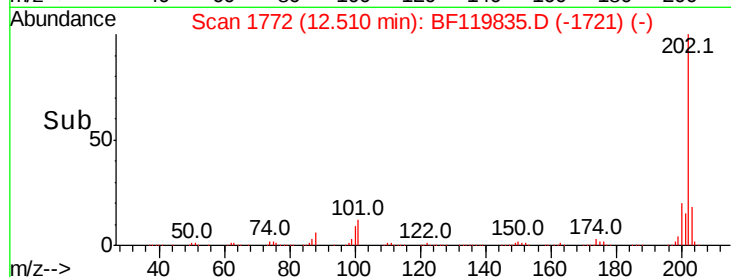
#75
 Fluoranthene
 Concen: 39.660 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1493634
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 32.3
 203 17.6 0.0 37.6

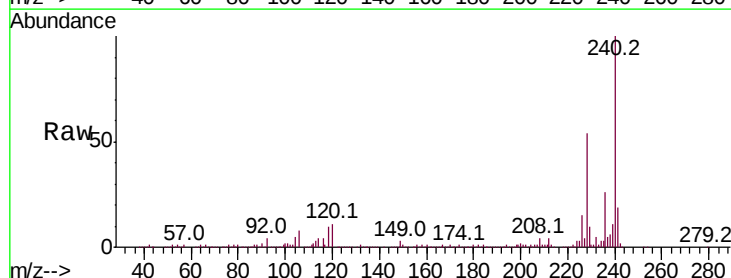


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

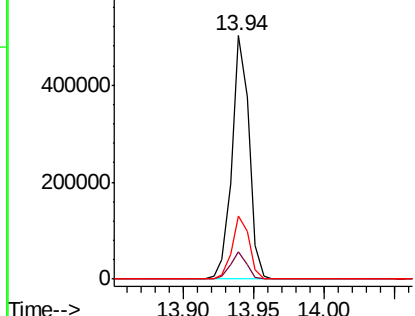
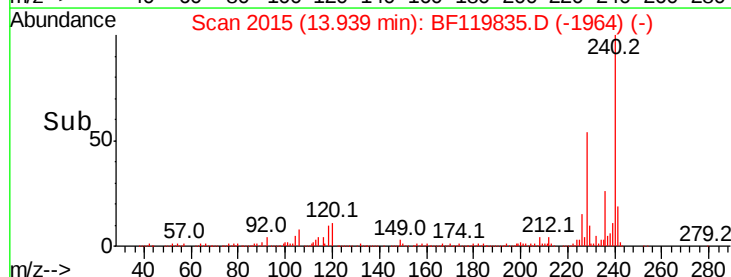


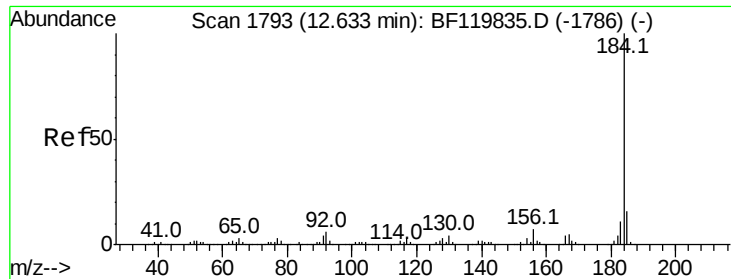
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion:240 Resp: 423681
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.0 13.6
 236 25.9 20.7 31.1



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





#77

Benzidine

Concen: 30.674 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

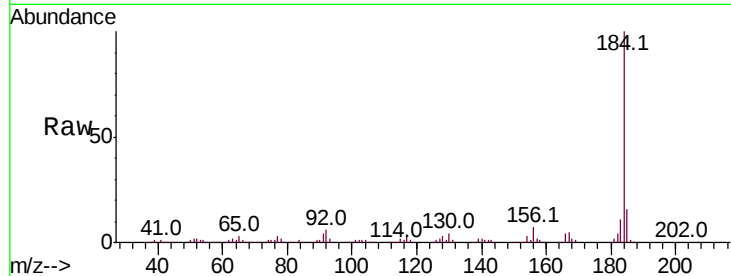
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 549997

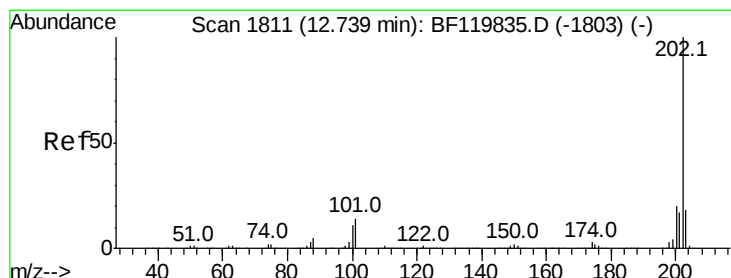
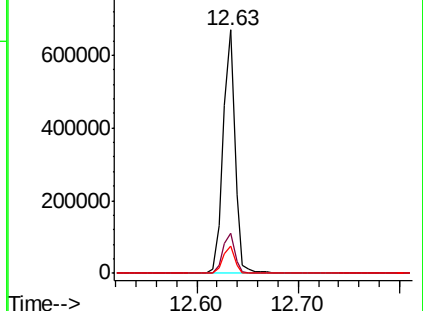
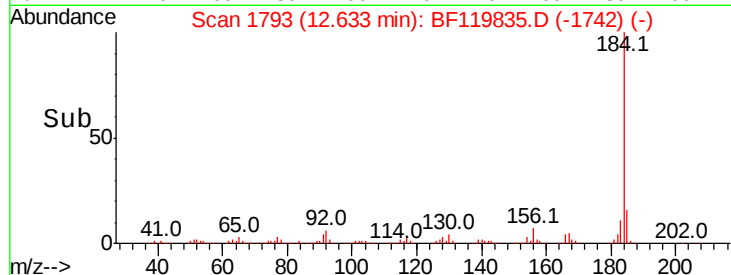
Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.2	19.8
183	11.4	9.1	13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.444 ng

RT: 12.74 min Scan# 1811

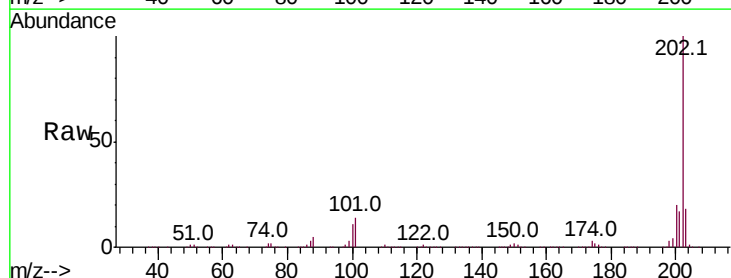
Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Tgt Ion:202 Resp: 1545359

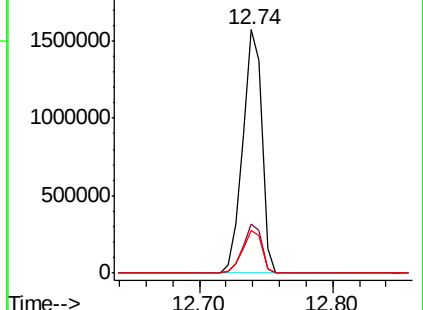
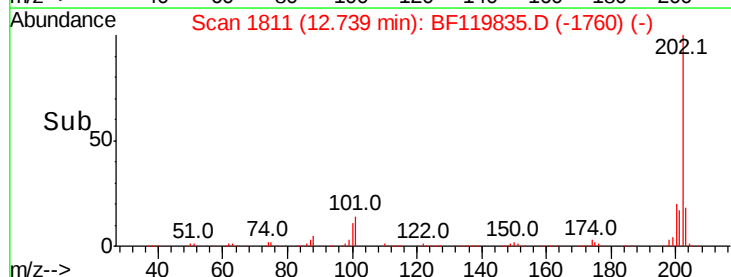
Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.6	14.1	21.1

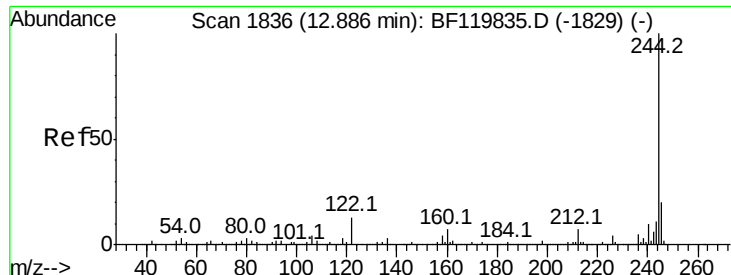


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

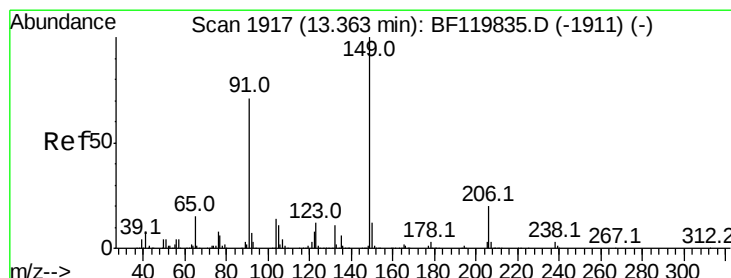
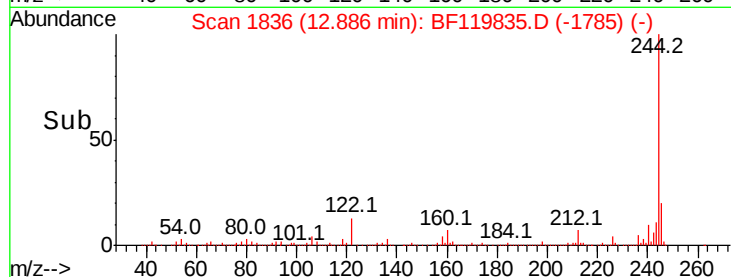
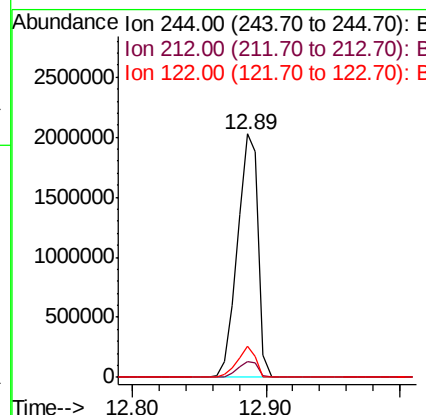
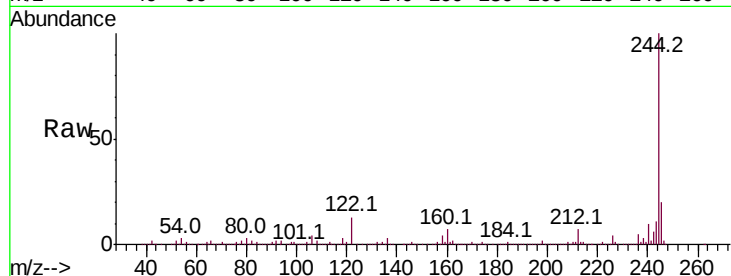




#79
 Terphenyl-d14
 Concen: 101.330 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

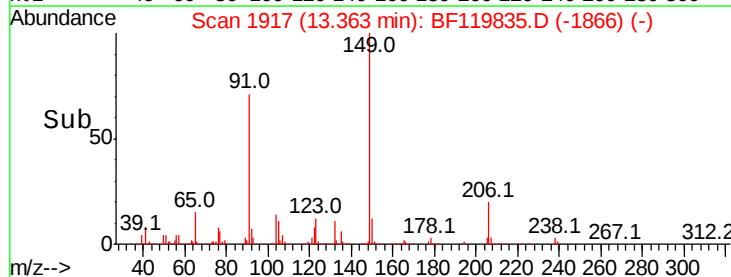
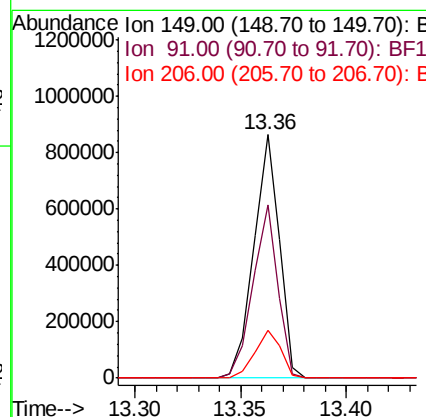
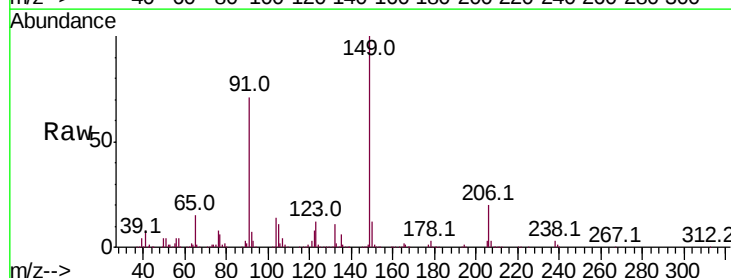
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2191270
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.9 10.3 15.5



#80
 Butylbenzylphthalate
 Concen: 51.645 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: BF119835.D
 Acq: 8 Apr 2020 20:08

Tgt Ion:149 Resp: 726304
 Ion Ratio Lower Upper
 149 100
 91 70.9 56.7 85.1
 206 19.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.779 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

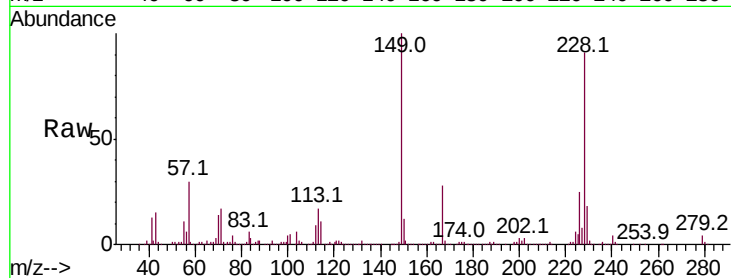
Instrument :

BNA_F

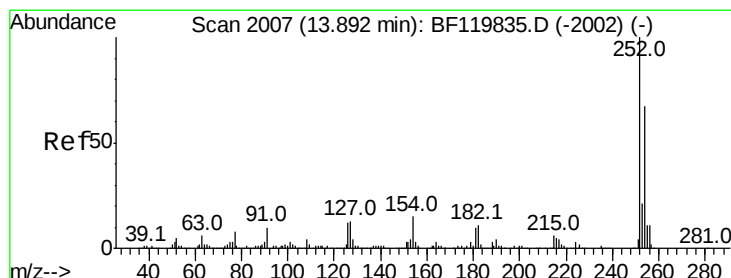
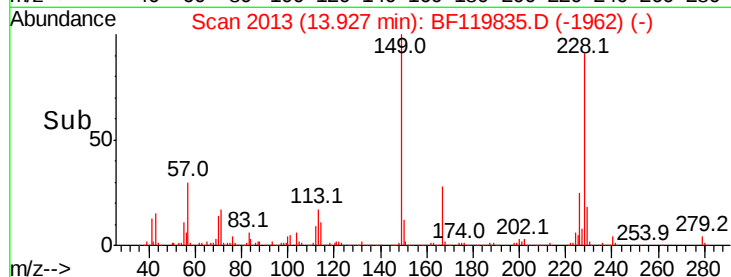
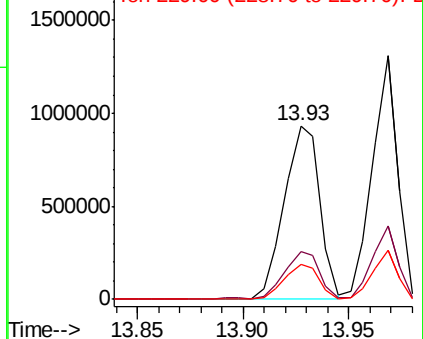
ClientSampleId :

Tot Ion:228 Resp: 1095975

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	19.9	15.9	23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 38.360 ng

RT: 13.89 min Scan# 2007

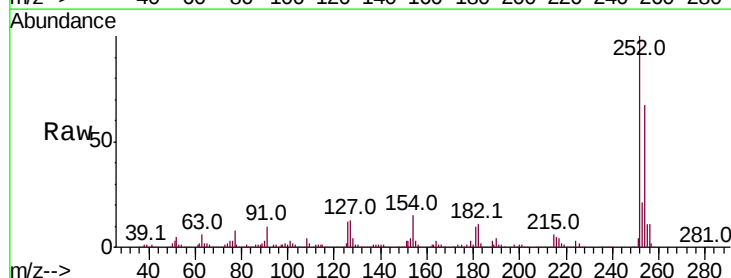
Delta R.T. 0.00 min

Lab File: BF119835.D

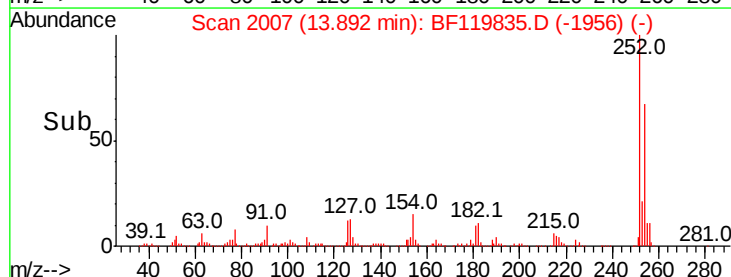
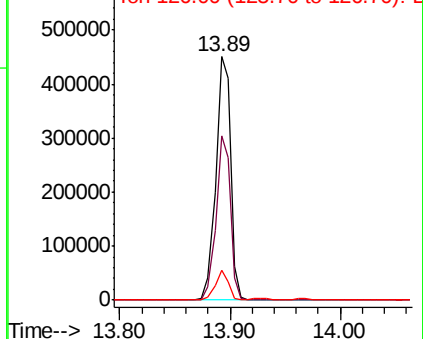
Acq: 8 Apr 2020 20:08

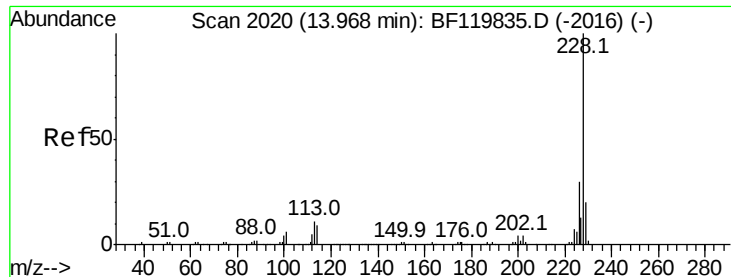
Tgt Ion:252 Resp: 416717

Ion	Ratio	Lower	Upper
252	100		
254	67.4	53.9	80.9
126	12.1	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: 38.836 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

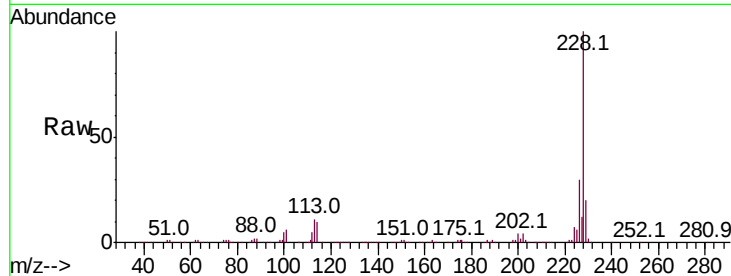
Tot Ion:228 Resp: 1104268

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

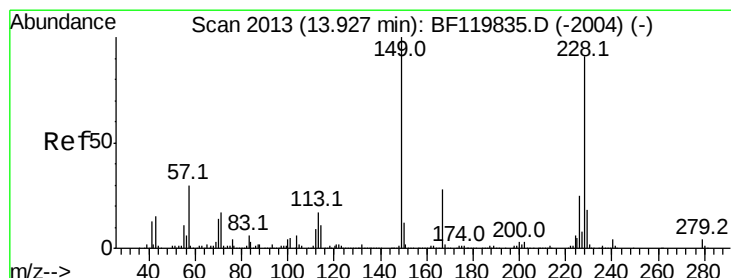
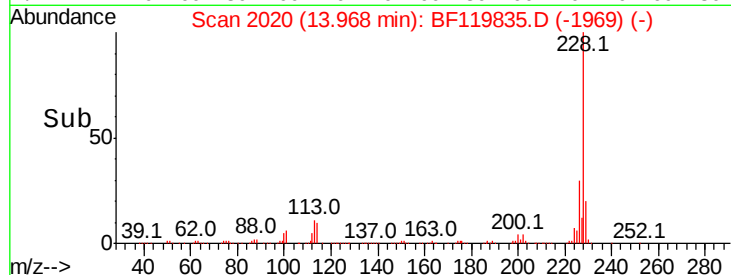
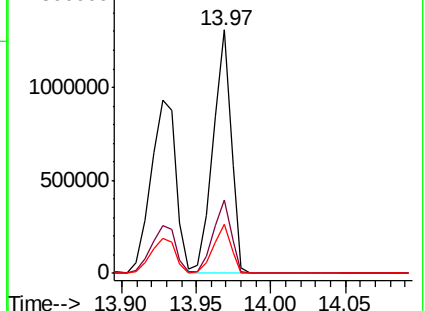
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.500 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

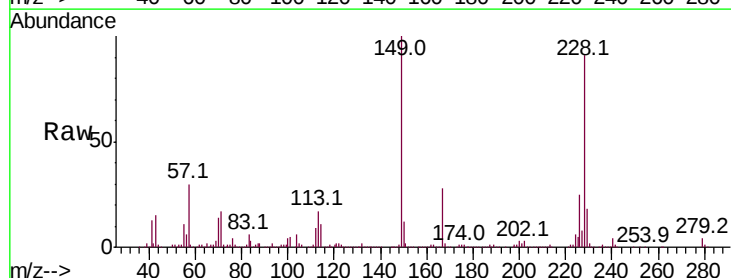
Tgt Ion:149 Resp: 930432

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

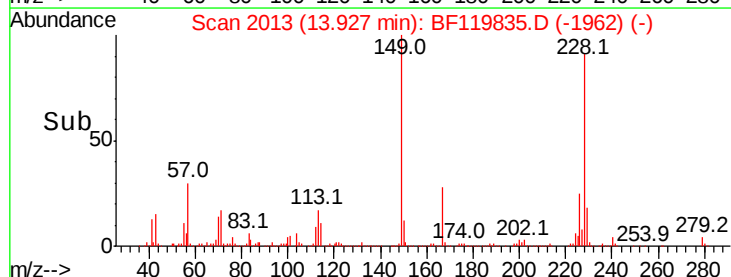
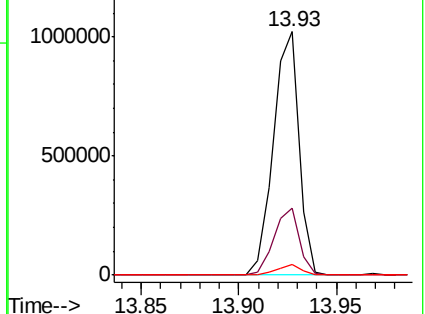
279 4.2 3.4 5.0

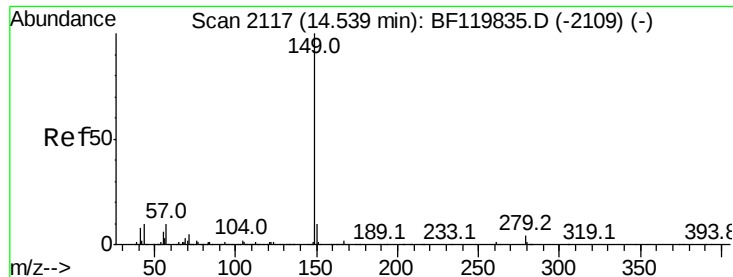


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.796 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

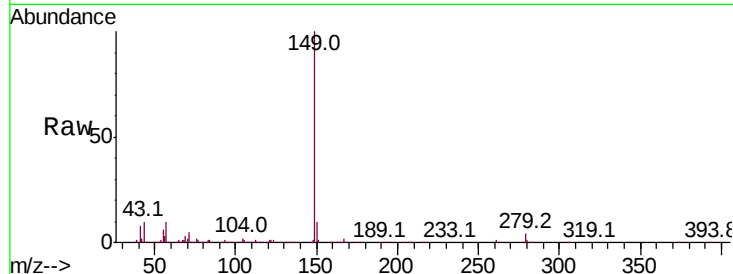
Tot Ion:149 Resp: 1586131

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

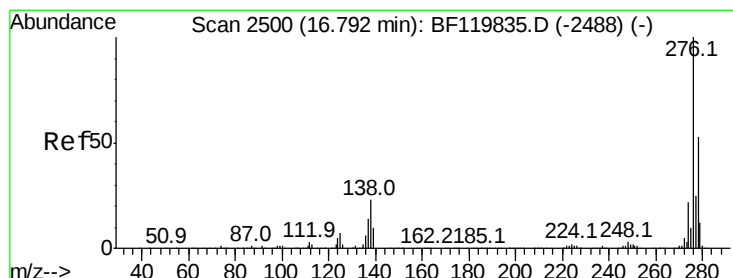
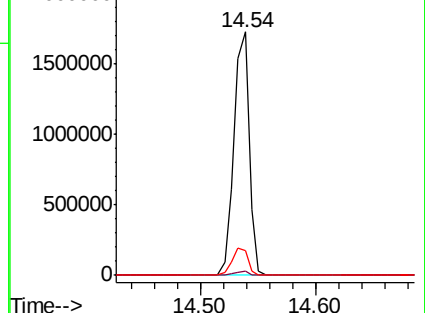
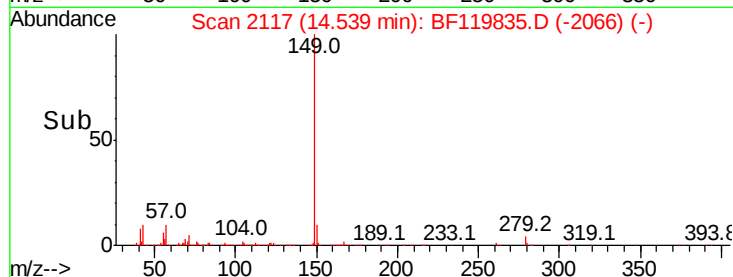
43 11.5 9.2 13.8



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: 39.881 ng

RT: 16.79 min Scan# 2500

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

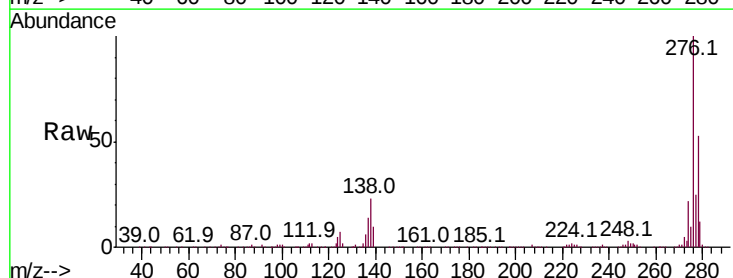
Tgt Ion:276 Resp: 1067973

Ion Ratio Lower Upper

276 100

138 22.5 18.0 27.0

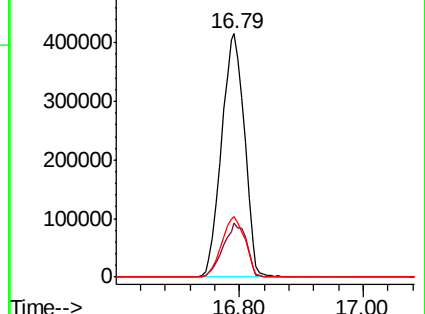
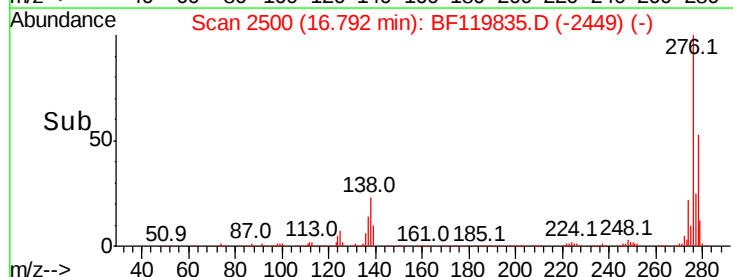
277 25.1 20.1 30.1

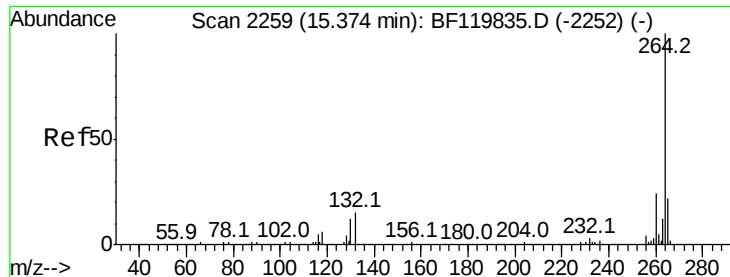


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF119835.D

Acq: 8 Apr 2020 20:08

Instrument :

BNA_F

ClientSampleId :

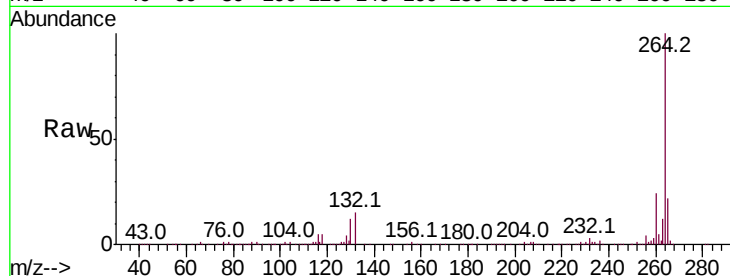
Tot Ion:264 Resp: 377512

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

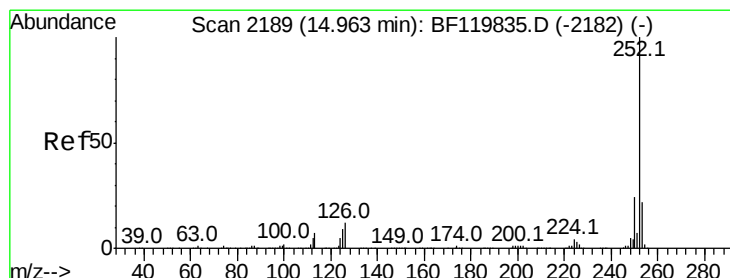
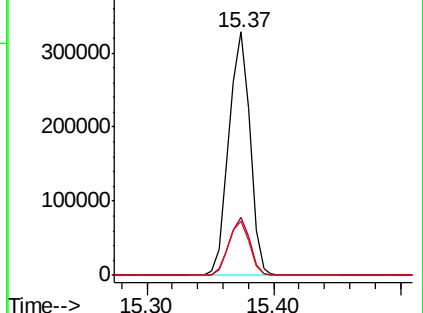
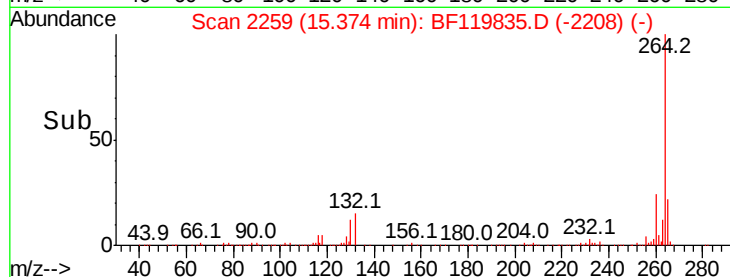
265 22.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.102 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BF119835.D

Acq: 8 Apr 2020 20:08

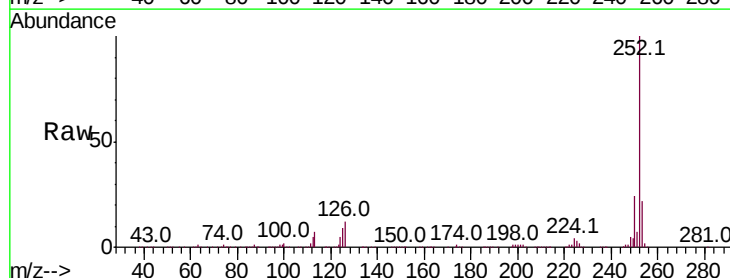
Tgt Ion:252 Resp: 1011269

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

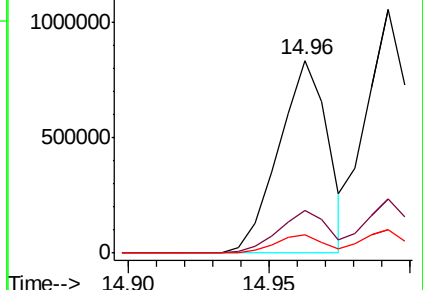
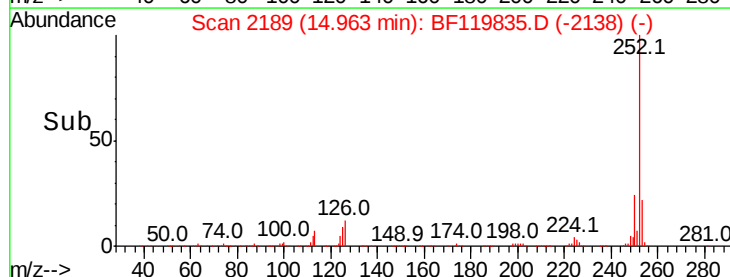
125 9.3 7.4 11.2

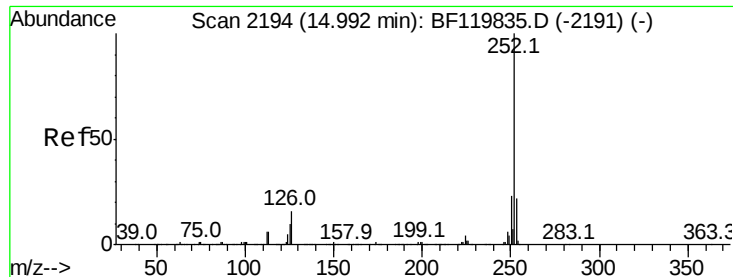


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

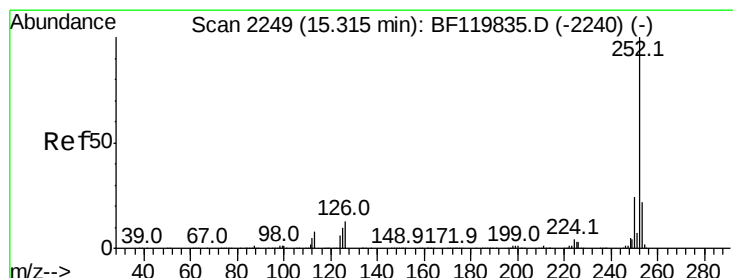
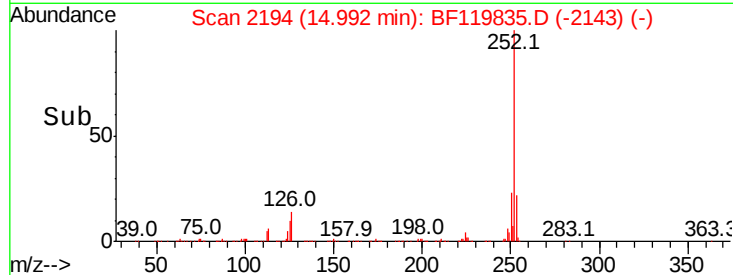
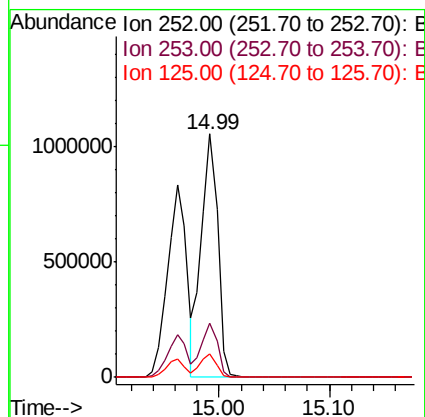
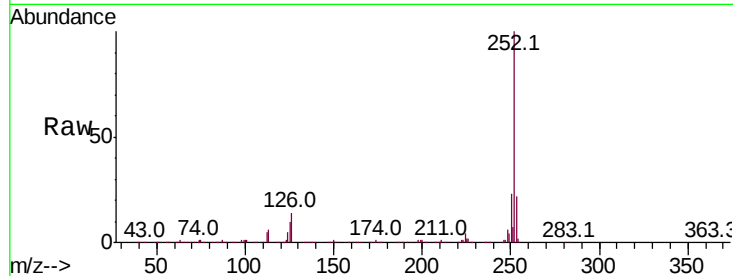




#89
Benzo(k)fluoranthene
Concen: 44.328 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

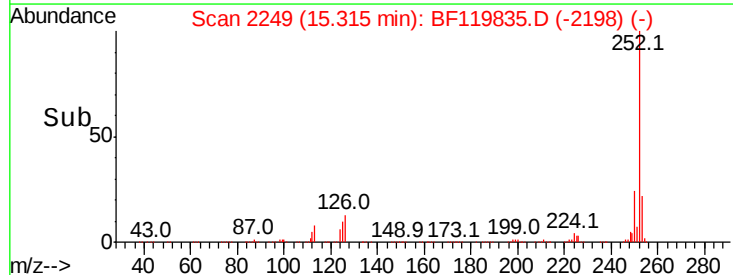
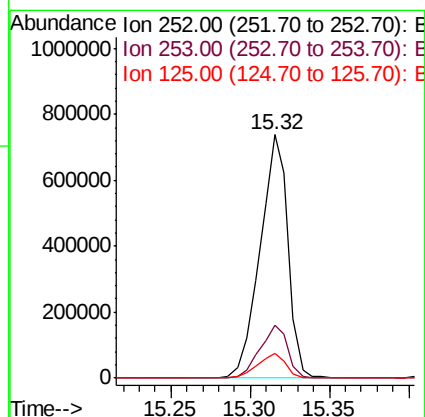
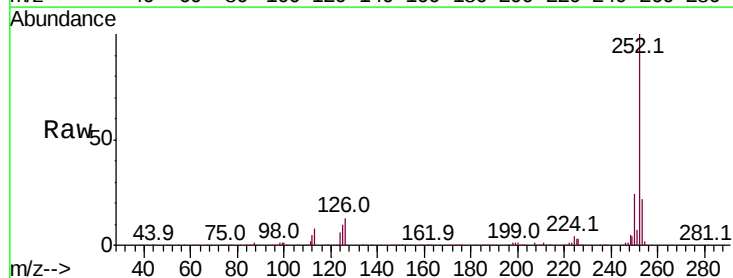
Instrument :
BNA_F
ClientSampleId :

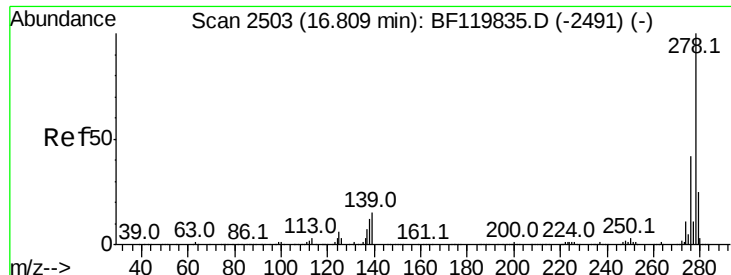
Tot Ion:252 Resp: 1064427
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 39.423 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion:252 Resp: 903484
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.4 8.3 12.5

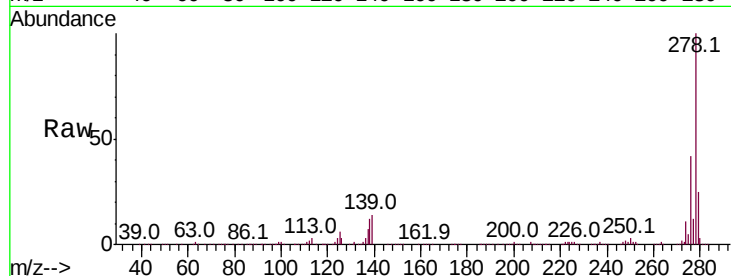




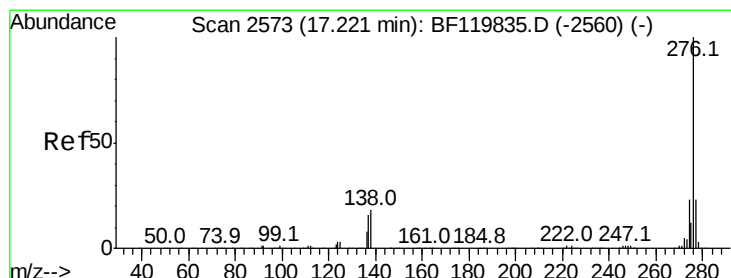
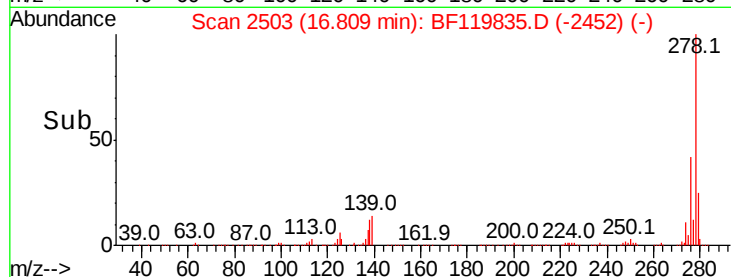
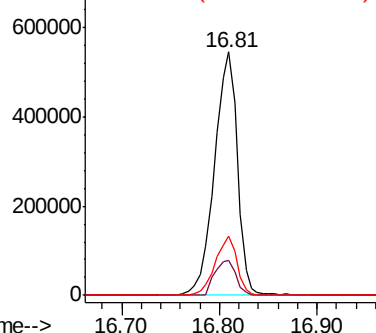
#91
Dibenzo(a,h)anthracene
Concen: 44.480 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	24.6	19.7	29.5

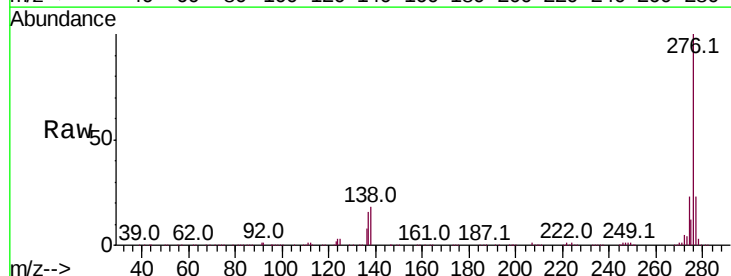


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.753 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BF119835.D
Acq: 8 Apr 2020 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	18.3	14.6	22.0



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

