

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119836.D
 Acq On : 8 Apr 2020 20:35
 Operator : MA/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 08 22:01:42 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	183031	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	658286	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	349005	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	663785	20.00	ng	0.00
76) Chrysene-d12	13.94	240	465409	20.00	ng	0.00
87) Perylene-d12	15.37	264	407775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1065831	92.70	ng	0.00
7) Phenol-d6	6.41	99	1350361	91.94	ng	0.00
23) Nitrobenzene-d5	7.34	82	1285653	106.14	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	421774	117.14	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2401371	101.93	ng	0.00
79) Terphenyl-d14	12.89	244	2552862	107.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	249178	43.880	ng	98
3) Pyridine	3.16	79	704803	45.052	ng	99
4) n-Nitrosodimethylamine	3.13	42	352484	46.203	ng	96
6) Aniline	6.43	93	891245	43.967	ng	99
8) 2-Chlorophenol	6.56	128	577532	47.826	ng	97
9) Benzaldehyde	6.32	77	334445	35.895	ng	99
10) Phenol	6.42	94	758605	48.406	ng	93
11) bis(2-Chloroethyl)ether	6.51	93	590950	47.147	ng	98
12) 1,3-Dichlorobenzene	6.71	146	635352	48.613	ng	99
13) 1,4-Dichlorobenzene	6.79	146	638863	48.869	ng	100
14) 1,2-Dichlorobenzene	6.95	146	594222	48.630	ng	97
15) Benzyl Alcohol	6.92	79	515423	46.652	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1154805	45.677	ng	100
17) 2-Methylphenol	7.03	107	517102	46.737	ng	95
18) Hexachloroethane	7.29	117	240244	50.147	ng	# 88
19) n-Nitroso-di-n-propylamine	7.20	70	428684	48.424	ng	99
20) 3+4-Methylphenols	7.19	107	625842	46.155	ng	95
22) Acetophenone	7.19	105	773893	49.200	ng	# 94
24) Nitrobenzene	7.36	77	644762	49.810	ng	97
25) Isophorone	7.60	82	1239094	50.430	ng	99
26) 2-Nitrophenol	7.67	139	328745	64.501	ng	95
27) 2,4-Dimethylphenol	7.72	122	488766	46.378	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	722557	49.731	ng	99
29) 2,4-Dichlorophenol	7.92	162	496510	51.274	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	557329	52.043	ng	99
31) Naphthalene	8.08	128	1689366	49.869	ng	100
32) Benzoic acid	7.86	122	425771	62.806	ng	97
33) 4-Chloroaniline	8.13	127	730043	47.031	ng	99
34) Hexachlorobutadiene	8.20	225	337946	56.402	ng	99
35) Caprolactam	8.52	113	131794	41.587	ng	90
36) 4-Chloro-3-methylphenol	8.62	107	536638	50.705	ng	95
37) 2-Methylnaphthalene	8.77	142	1182276	53.178	ng	99
38) 1-Methylnaphthalene	8.87	142	1095417	52.055	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	546022	53.377	ng	99

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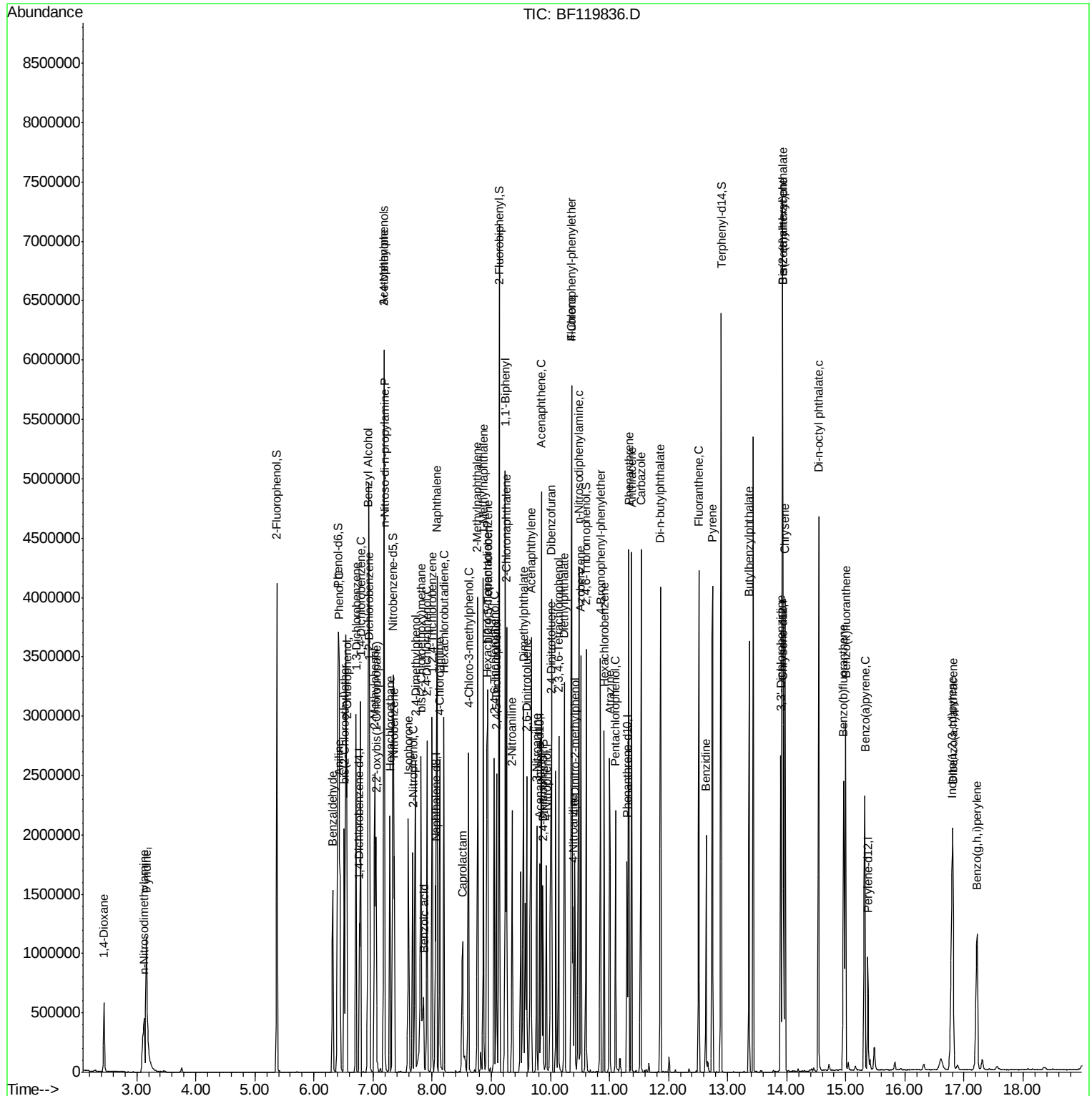
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	319928	55.011	nq	96
43) 2,4,6-Trichlorophenol	9.05	196	379014	51.774	nq	97
44) 2,4,5-Trichlorophenol	9.09	196	423019	51.583	nq	96
46) 1,1'-Biphenyl	9.24	154	1443666	50.789	nq	99
47) 2-Chloronaphthalene	9.26	162	1106287	49.686	nq	98
48) 2-Nitroaniline	9.36	65	401204	52.205	nq	97
49) Acenaphthylene	9.67	152	1702902	48.703	nq	99
50) Dimethylphthalate	9.55	163	1314366	53.020	nq	99
51) 2,6-Dinitrotoluene	9.60	165	288589	54.312	nq	92
52) Acenaphthene	9.85	154	1051617	48.245	nq	99
53) 3-Nitroaniline	9.77	138	329634	49.138	nq	96
54) 2,4-Dinitrophenol	9.87	184	183714	94.312	nq	# 89
55) Dibenzofuran	10.02	168	1544330	49.415	nq	97
56) 4-Nitrophenol	9.93	139	248034	46.870	nq	93
57) 2,4-Dinitrotoluene	10.01	165	381088	56.933	nq	98
58) Fluorene	10.36	166	1147397	49.648	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	321759	52.490	nq	99
60) Diethylphthalate	10.24	149	1378013	54.769	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	585890	51.842	nq	96
62) 4-Nitroaniline	10.39	138	308059	47.889	nq	98
63) Azobenzene	10.52	77	1245494	49.157	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	208222	74.808	nq	80
66) n-Nitrosodiphenylamine	10.48	169	1152455	52.887	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	407624	53.921	nq	96
68) Hexachlorobenzene	10.91	284	413373	53.427	nq	97
69) Atrazine	11.00	200	309029	51.729	nq	97
70) Pentachlorophenol	11.10	266	239804	52.859	nq	98
71) Phenanthrene	11.33	178	1687394	49.025	nq	98
72) Anthracene	11.38	178	1826510	52.214	nq	99
73) Carbazole	11.53	167	1718766	49.640	nq	99
74) Di-n-butylphthalate	11.87	149	2206094	59.561	nq	99
75) Fluoranthene	12.52	202	1788246	48.007	nq	98
77) Benzidine	12.63	184	654913	33.251	nq	98
78) Pyrene	12.74	202	1817941	47.595	nq	99
80) Butylbenzylphthalate	13.36	149	885724	57.334	nq	99
81) Benzo(a)anthracene	13.93	228	1465036	48.407	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	545049	45.675	nq	98
83) Chrysene	13.97	228	1514761	48.496	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1260444	68.444	nq	100
85) Di-n-octyl phthalate	14.54	149	2221230	68.582	nq	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	1305115	44.366	nq	100
88) Benzo(b)fluoranthene	14.96	252	1442159	52.944	nq	99
89) Benzo(k)fluoranthene	15.00	252	1237321	47.704	nq	99
90) Benzo(a)pyrene	15.32	252	1227784	49.598	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	1090752	50.376	nq	99
92) Benzo(g,h,i)perylene	17.22	276	1032399	47.462	nq	97

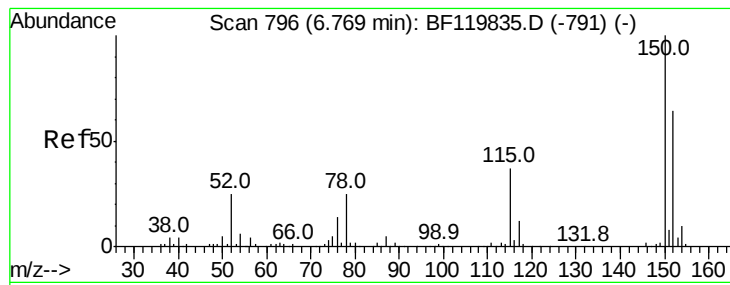
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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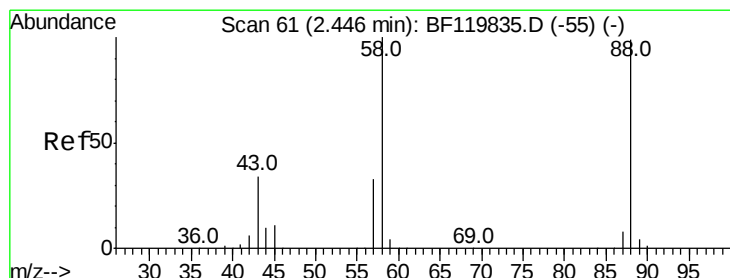
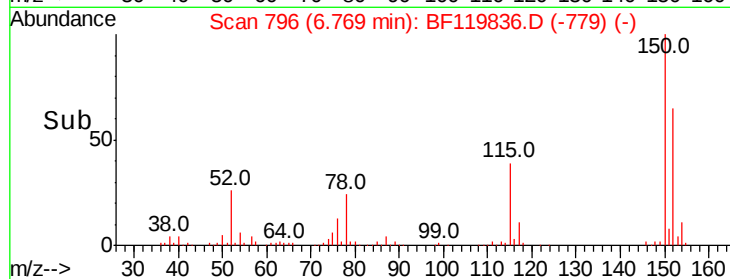
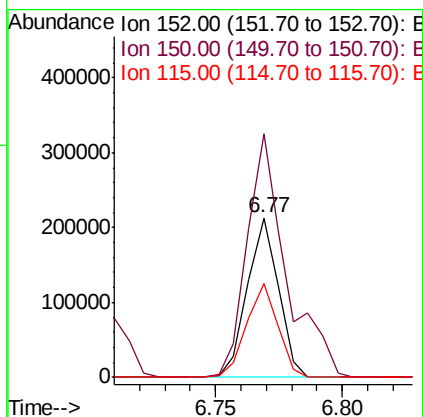
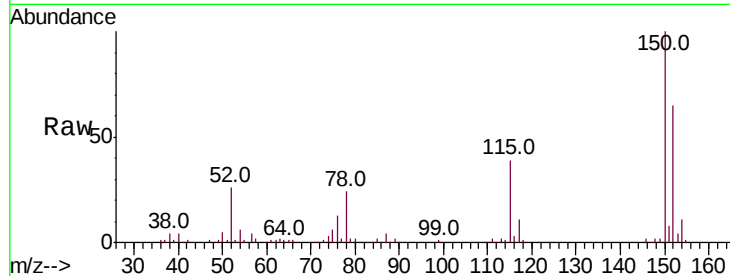


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

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BNA_F
ClientSampleId :

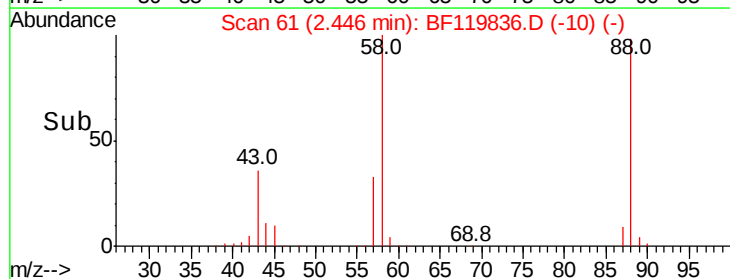
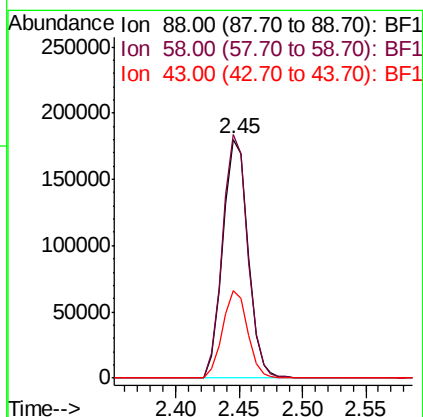
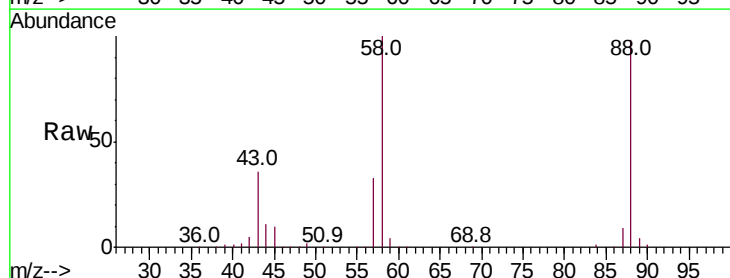
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.8	187.2
115	59.1	46.5	69.7

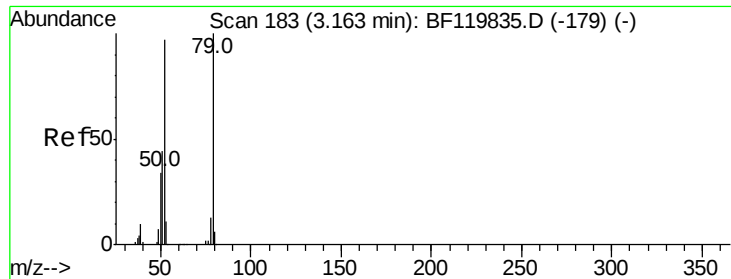


#2

1,4-Dioxane
Concen: 43.880 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.1	82.6	123.8
43	36.2	28.6	42.8





#3

Pvridine

Concen: 45.052 ng

RT: 3.16 min Scan# 183

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

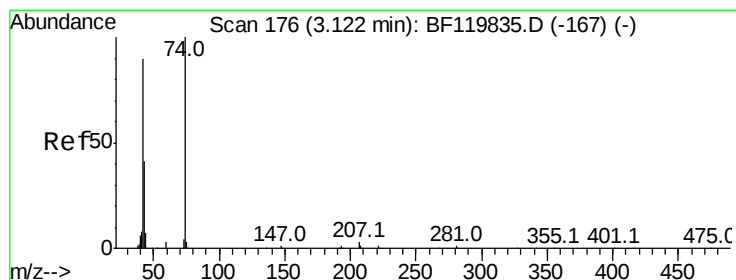
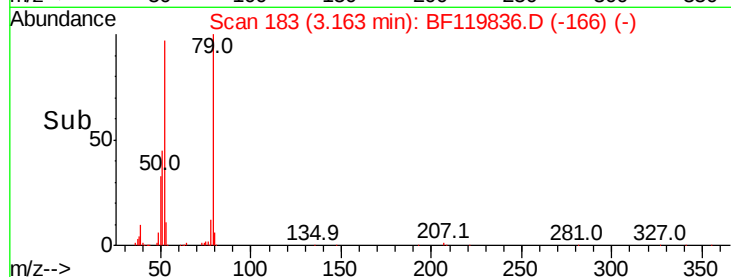
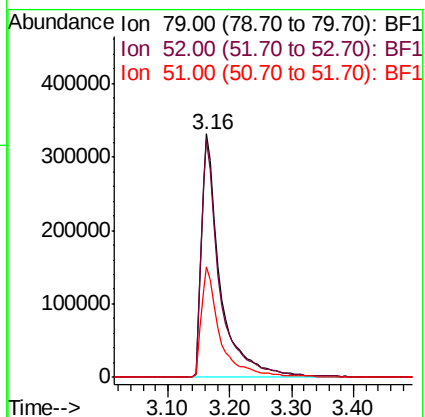
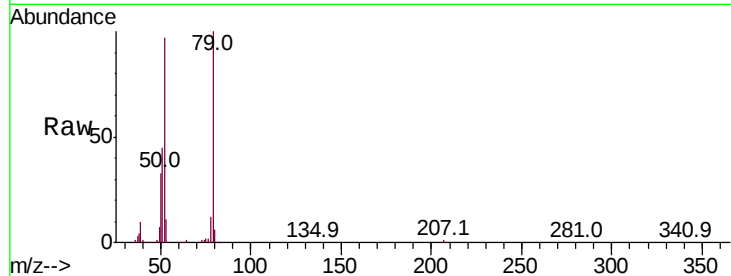
Tot Ion: 79 Resp: 704803

Ion Ratio Lower Upper

79 100

52 97.4 77.4 116.0

51 45.2 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 46.203 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

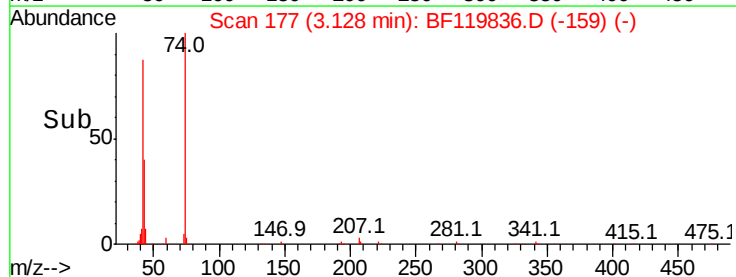
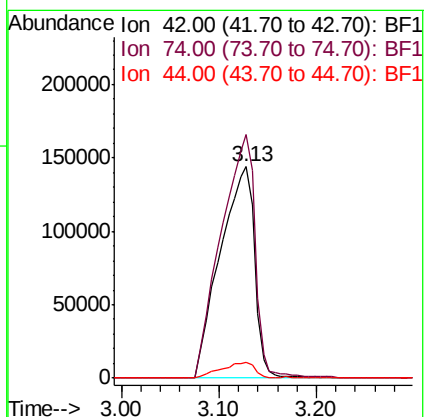
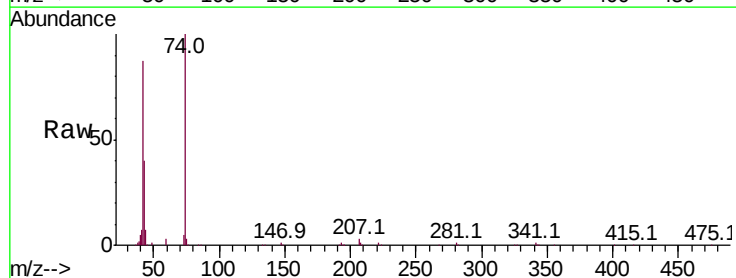
Tgt Ion: 42 Resp: 352484

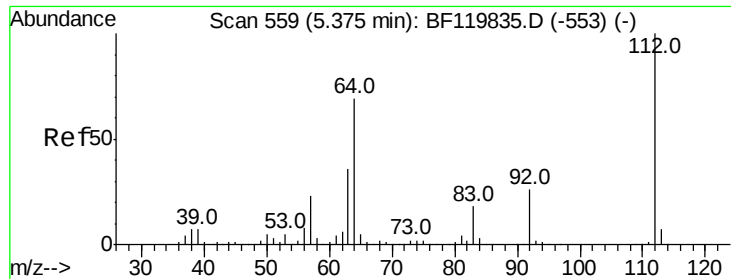
Ion Ratio Lower Upper

42 100

74 115.2 89.0 133.4

44 7.7 6.2 9.4

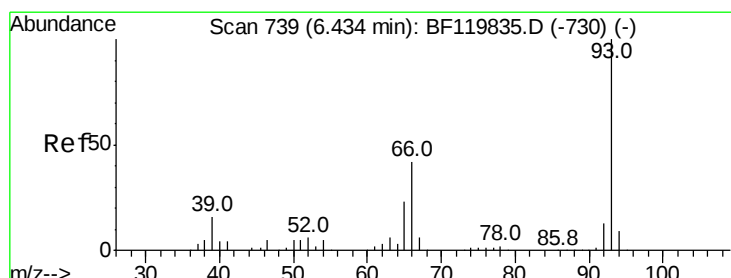
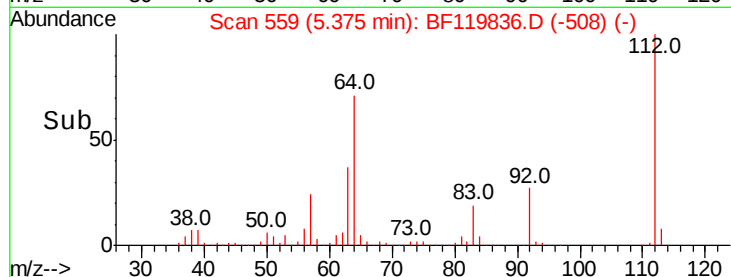
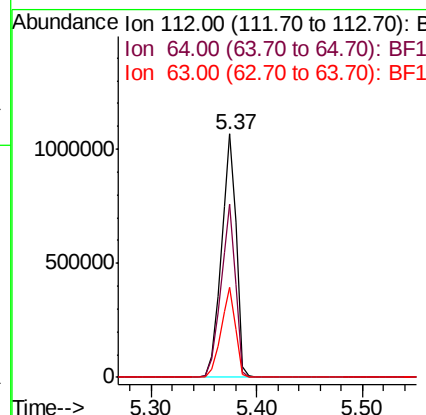
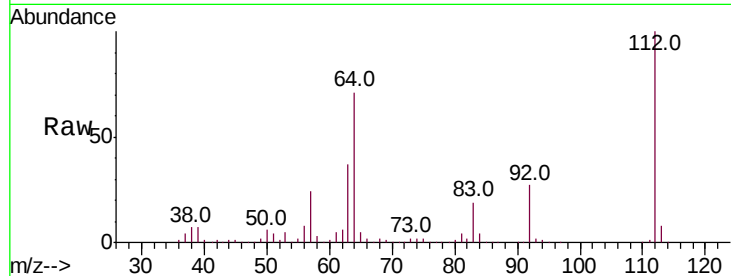




#5
 2-Fluorophenol
 Concen: 92.700 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

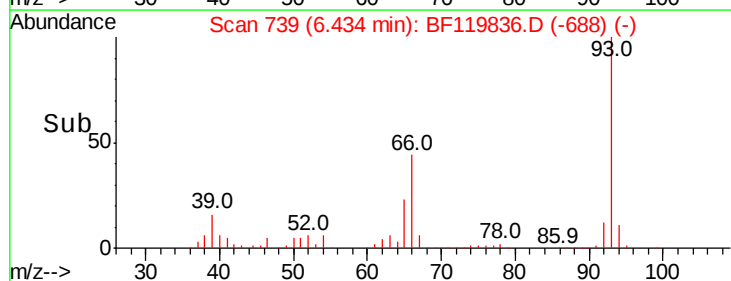
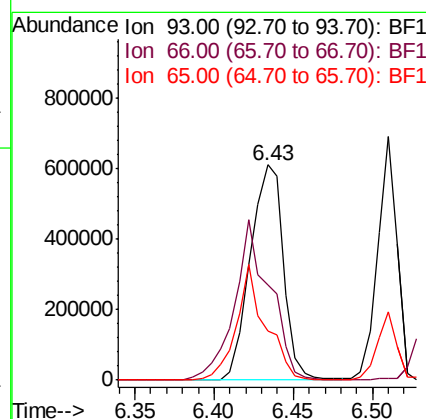
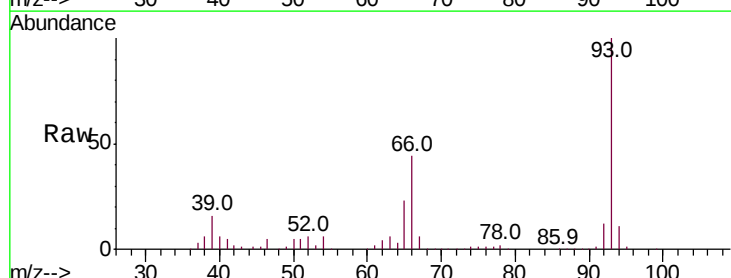
Instrument :
 BNA_F
 ClientSampleId :

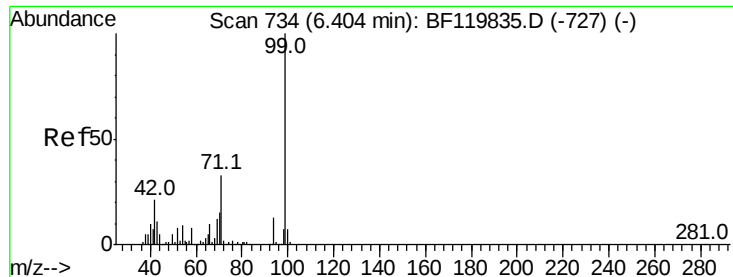
Tot Ion:112 Resp: 1065831
 Ion Ratio Lower Upper
 112 100
 64 71.3 55.5 83.3
 63 37.2 29.1 43.7



#6
 Aniline
 Concen: 43.967 ng
 RT: 6.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion: 93 Resp: 891245
 Ion Ratio Lower Upper
 93 100
 66 44.0 34.2 51.2
 65 22.8 18.3 27.5





#7

Phenol-d6

Concen: 91.940 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

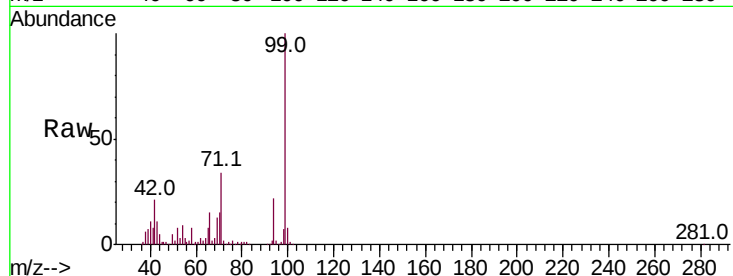
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1350361

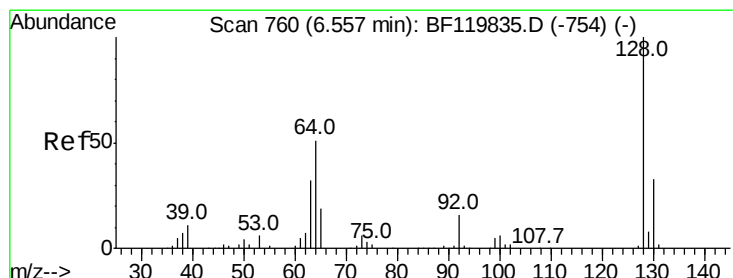
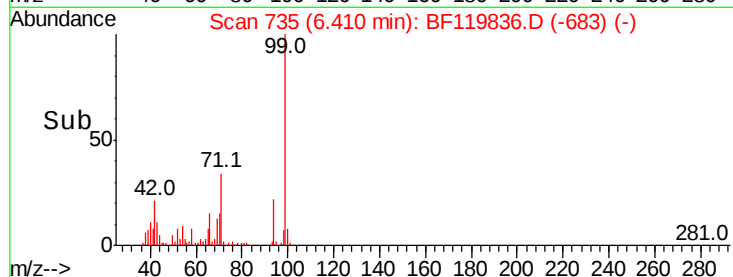
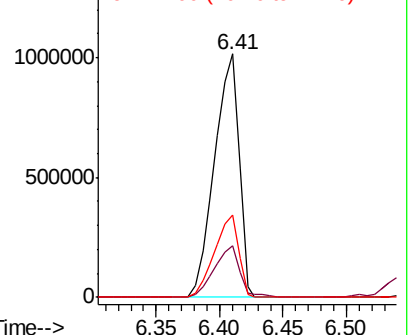
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.9	25.3
71	33.6	26.3	39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.826 ng

RT: 6.56 min Scan# 760

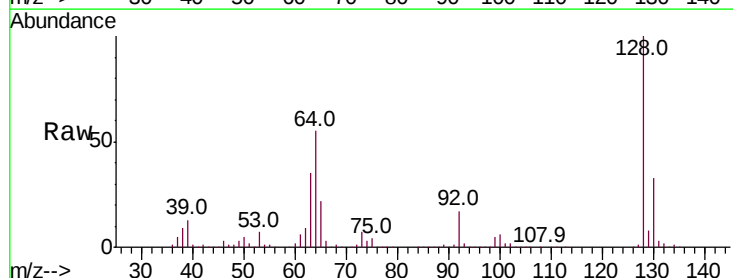
Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Tgt Ion: 128 Resp: 577532

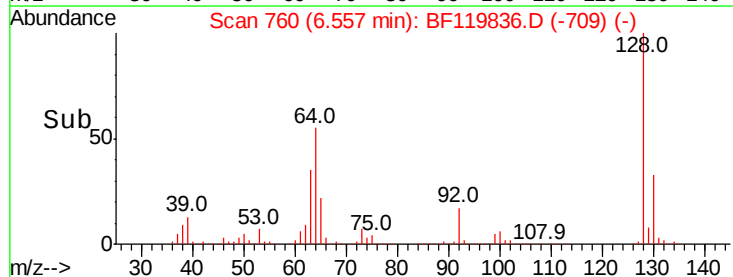
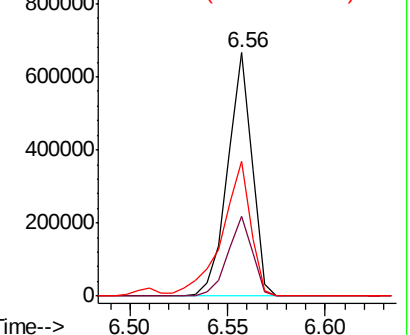
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	55.4	32.0	72.0

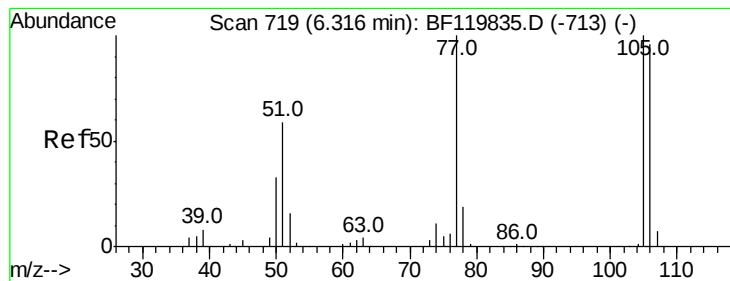


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.895 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

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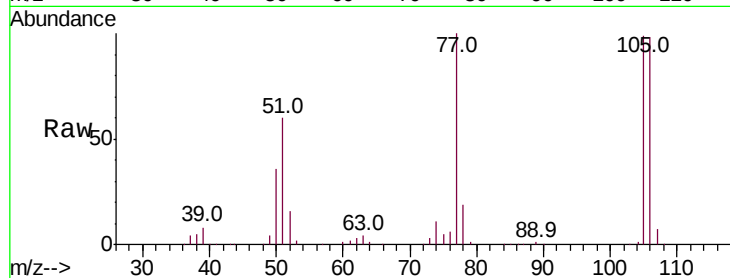
Tot Ion: 77 Resp: 334445

Ion Ratio Lower Upper

77 100

105 99.1 79.9 119.9

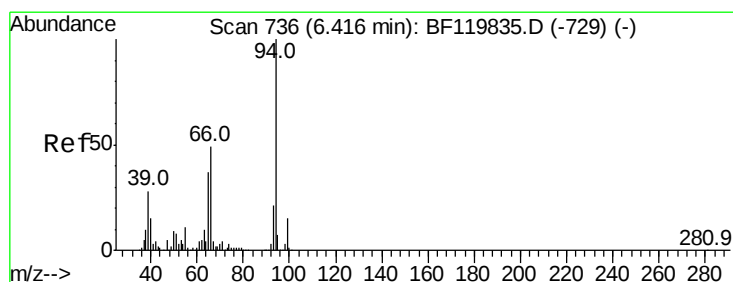
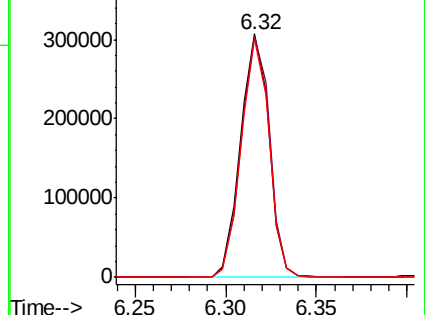
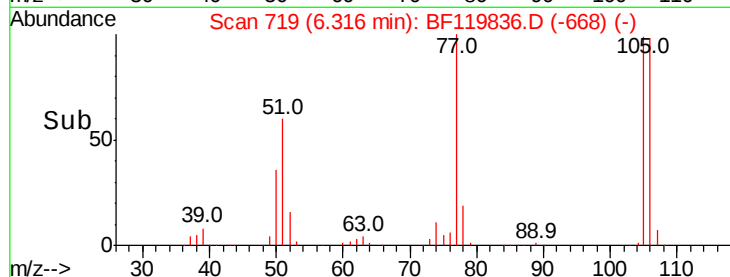
106 97.9 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.406 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119836.D

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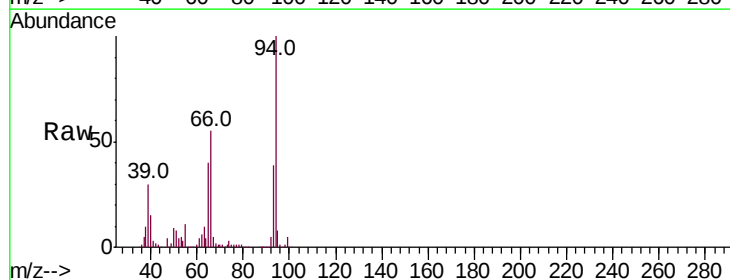
Tgt Ion: 94 Resp: 758605

Ion Ratio Lower Upper

94 100

65 39.5 16.6 56.6

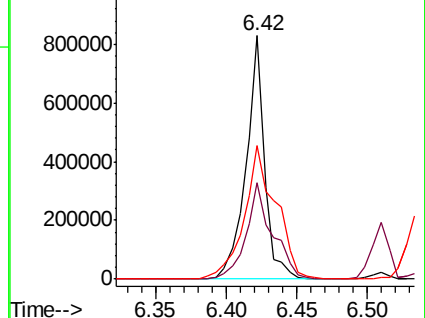
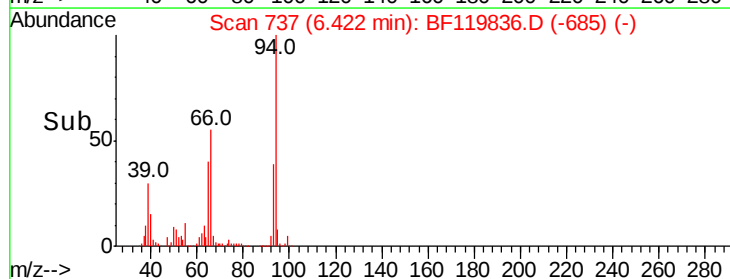
66 54.9 29.3 69.3

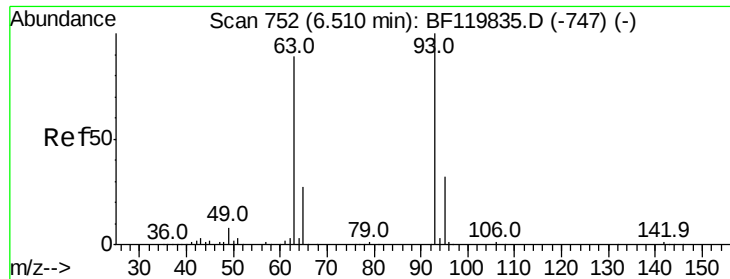


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

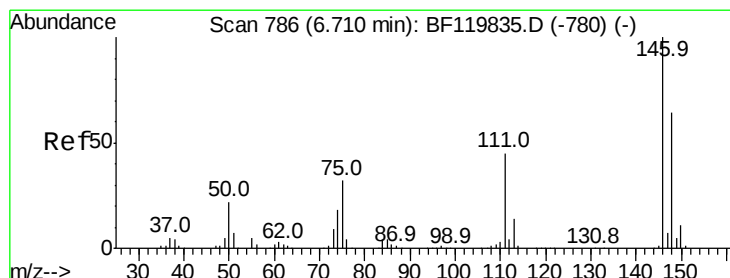
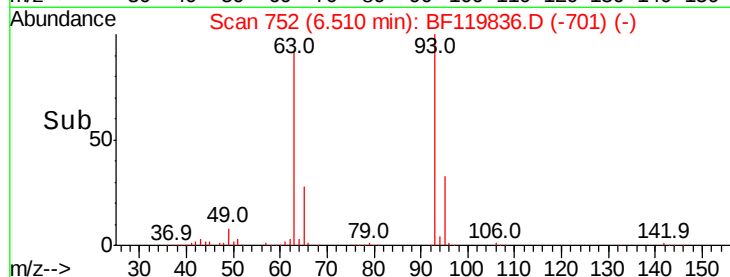
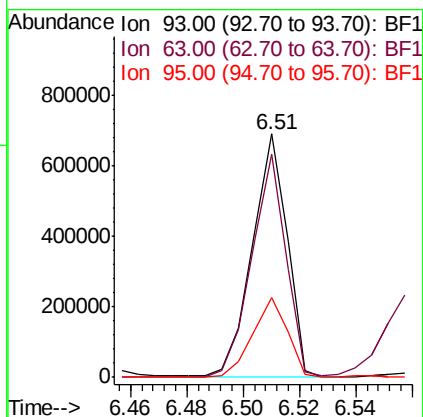
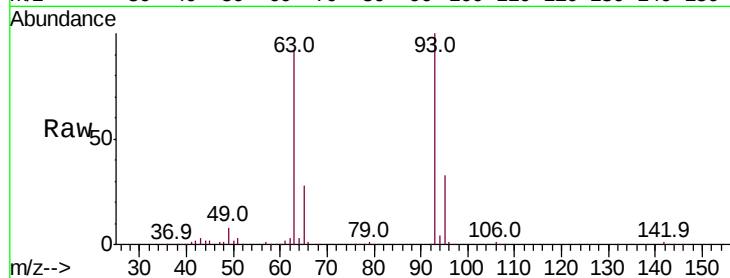




#11
bis(2-Chloroethyl)ether
Concen: 47.147 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

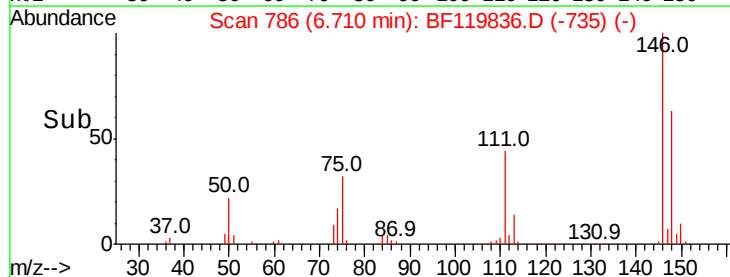
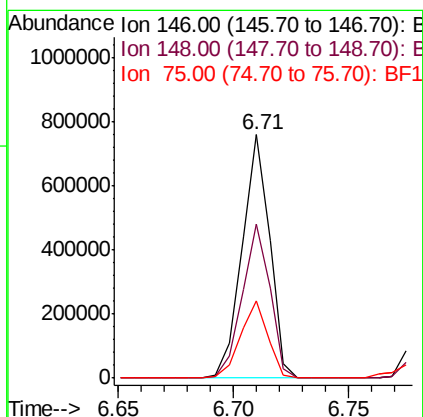
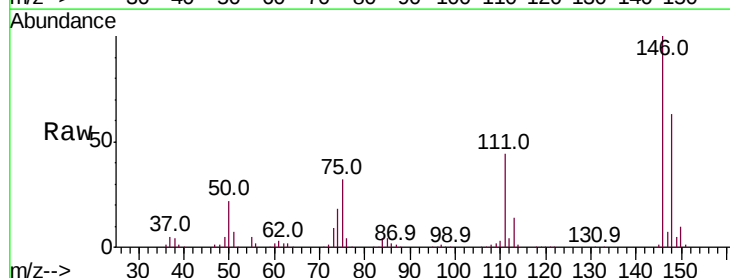
Instrument :
BNA_F
ClientSampleId :

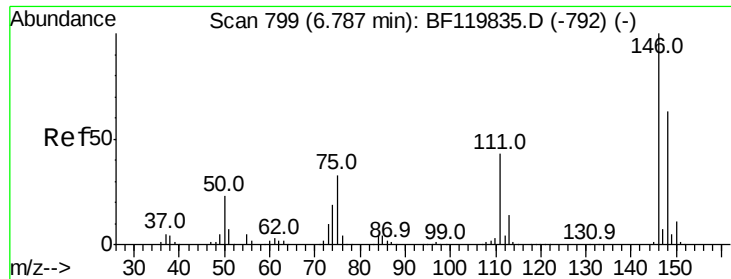
Tot Ion: 93 Resp: 590950
Ion Ratio Lower Upper
93 100
63 91.8 69.1 109.1
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.613 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion: 146 Resp: 635352
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 31.9 25.3 37.9

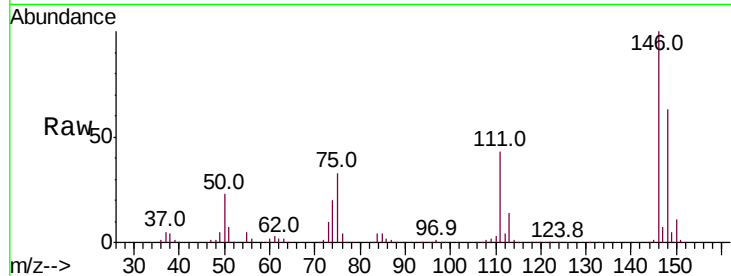




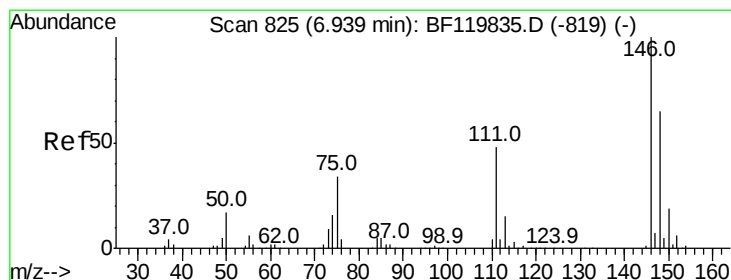
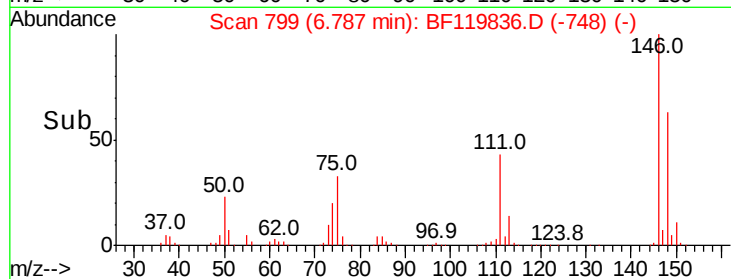
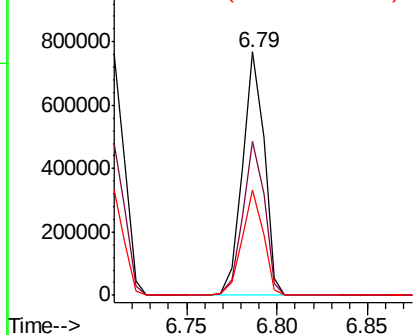
#13
 1,4-Dichlorobenzene
 Concen: 48.869 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 638863
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.5 75.7
 111 43.4 34.7 52.1

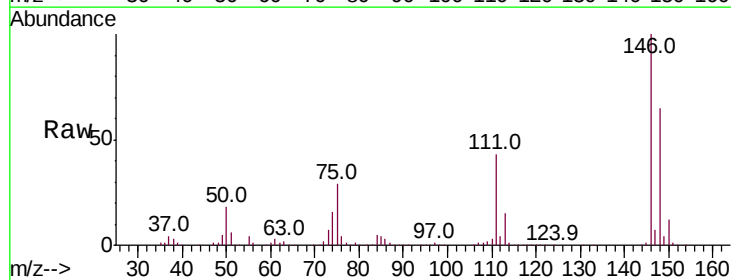


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

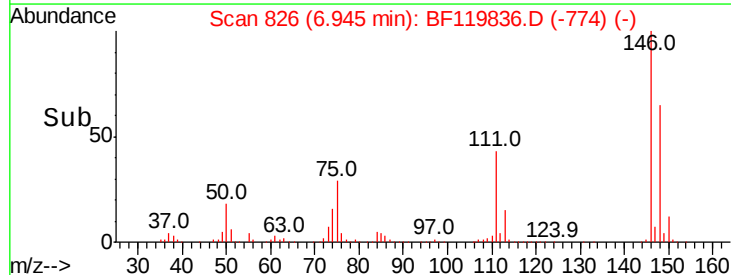
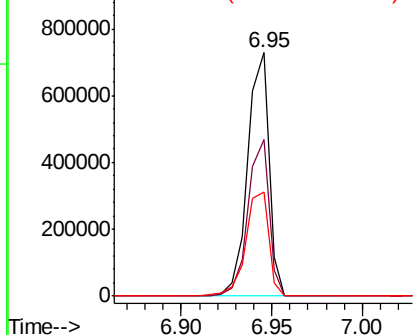


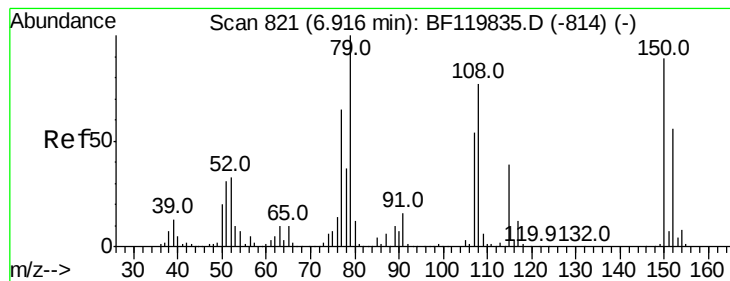
#14
 1,2-Dichlorobenzene
 Concen: 48.630 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion:146 Resp: 594222
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.8
 111 42.8 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

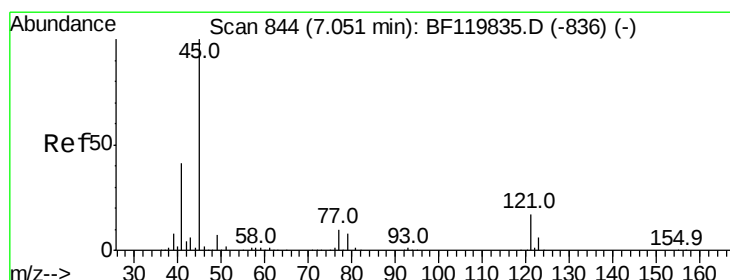
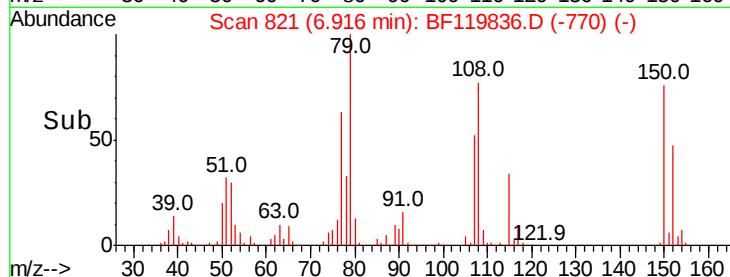
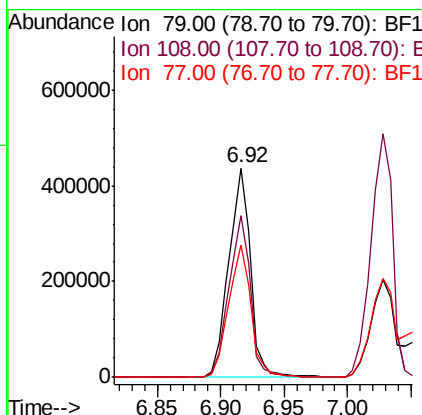
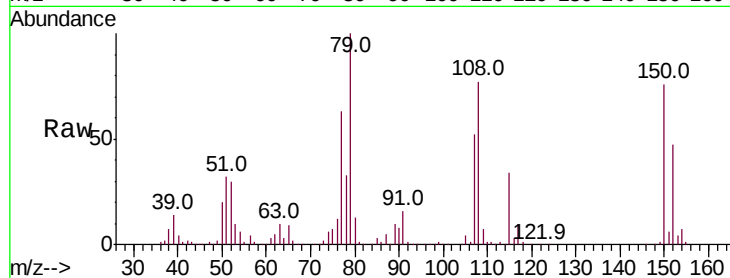




#15
Benzyl Alcohol
Concen: 46.652 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

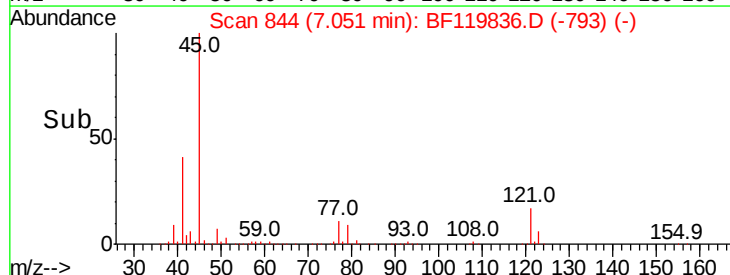
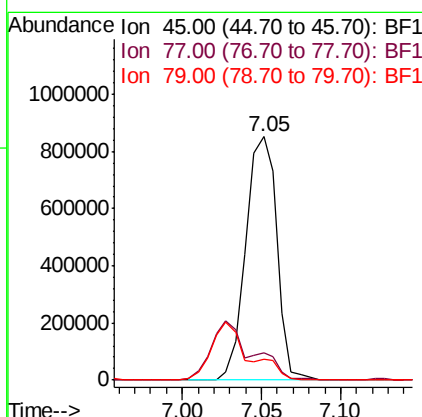
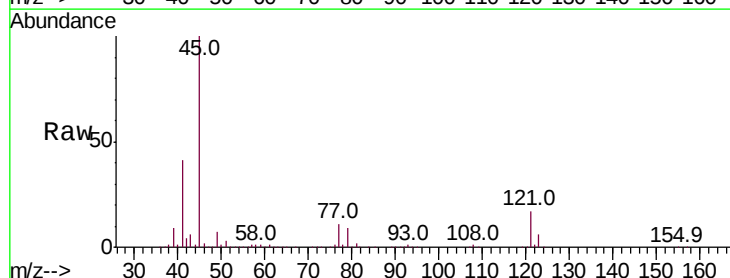
Instrument :
BNA_F
ClientSampleId :

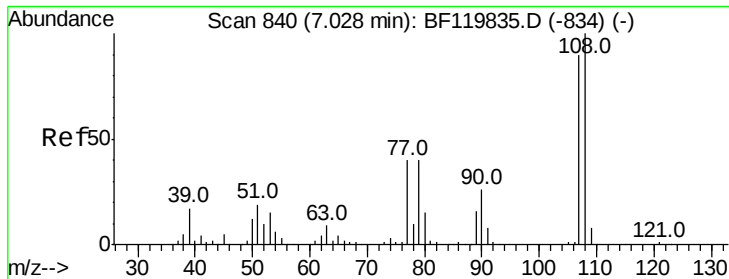
Tot Ion: 79 Resp: 515423
Ion Ratio Lower Upper
79 100
108 77.2 62.0 93.0
77 63.1 51.8 77.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.677 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion: 45 Resp: 1154805
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.7
79 8.6 0.0 28.6

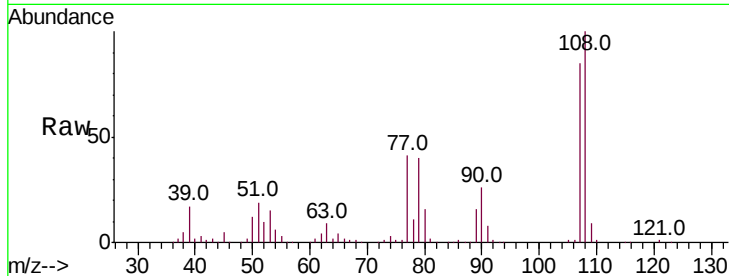




#17
2-Methylphenol
Concen: 46.737 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.1	88.8	133.2
77	47.9	36.0	54.0
79	47.3	35.7	53.5



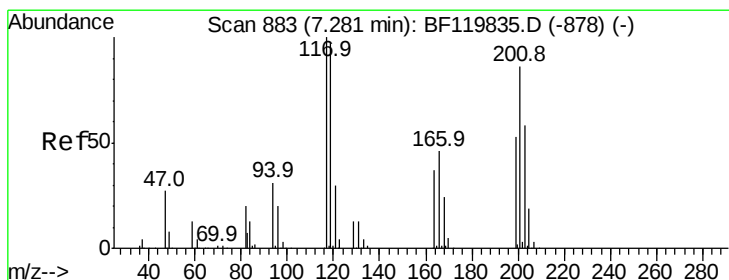
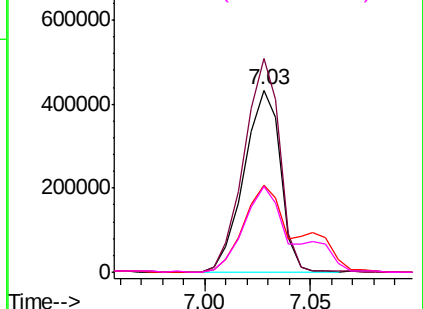
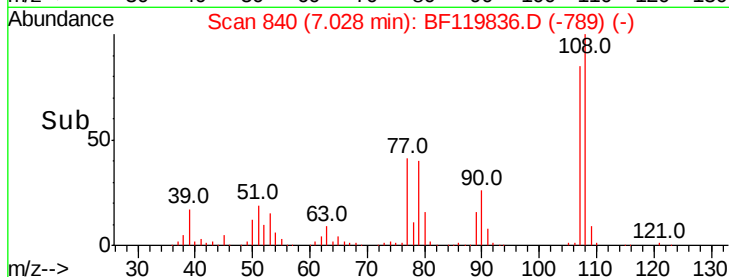
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

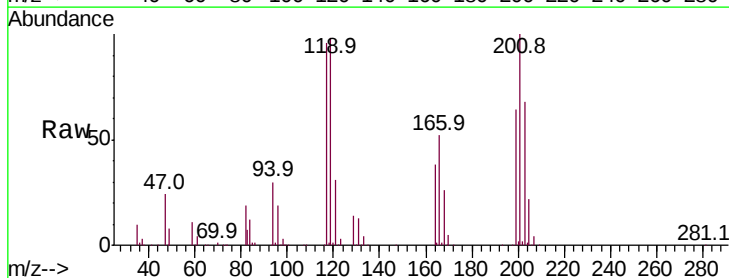
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 50.147 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.0	77.4	116.0
201	104.1	68.4	102.6

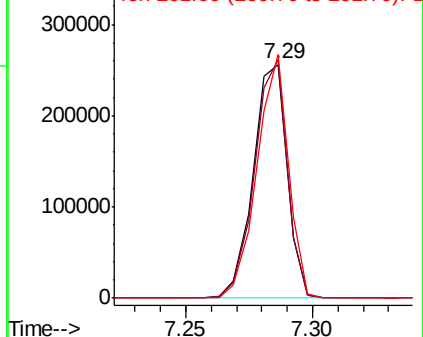
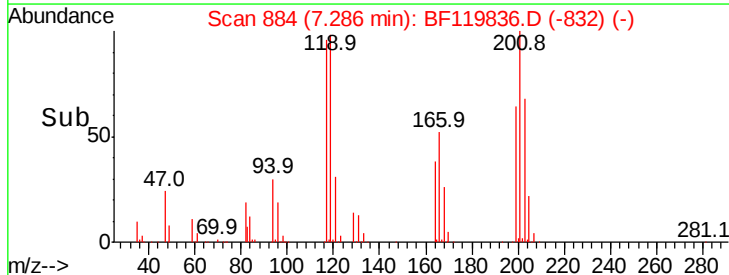


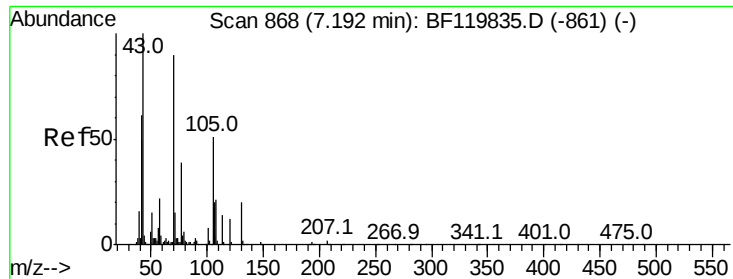
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

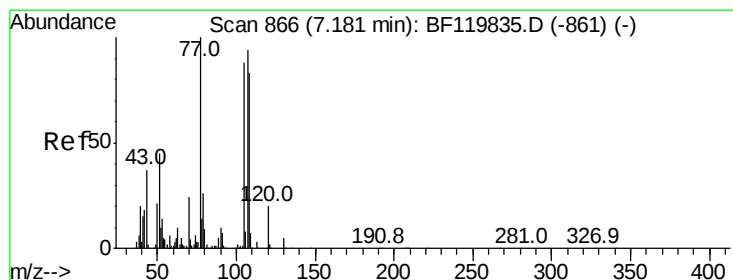
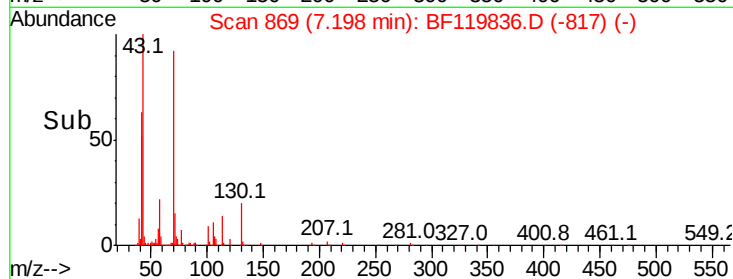
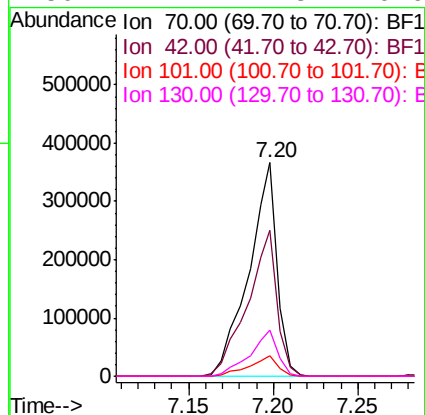
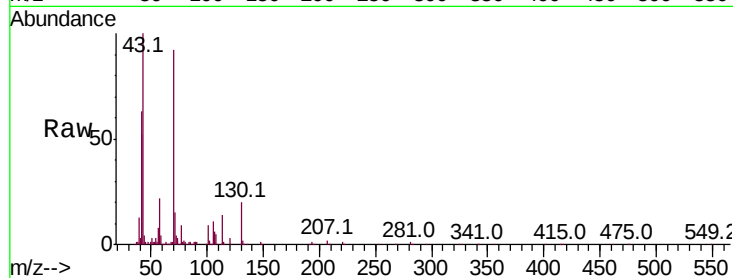




#19
n-Nitroso-di-n-propylamine
Concen: 48.424 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

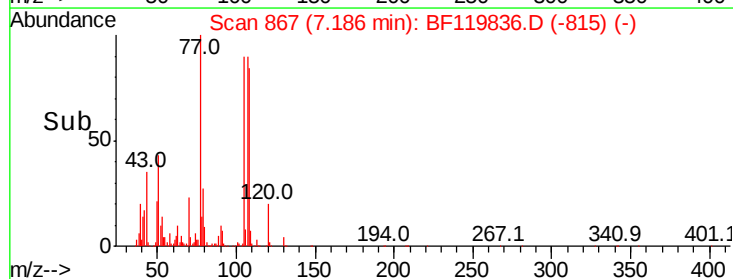
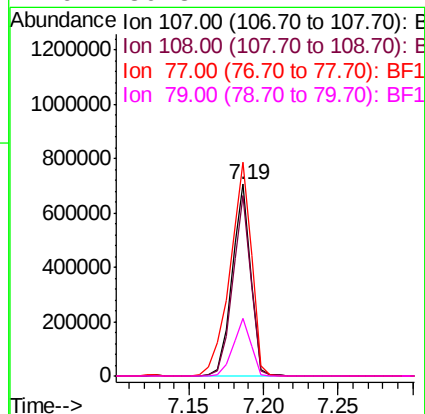
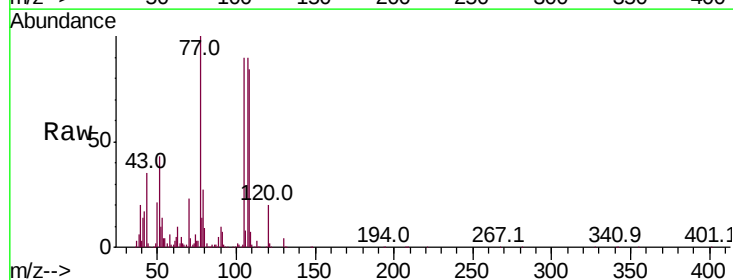
Instrument :
BNA_F
ClientSampleId :

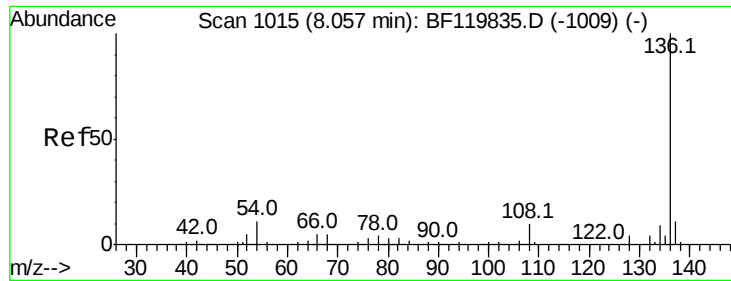
Tot Ion: 70 Resp: 428684
Ion Ratio Lower Upper
70 100
42 68.4 54.2 81.4
101 9.5 7.4 11.2
130 21.7 17.8 26.6



#20
3+4-Methylphenols
Concen: 46.155 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:107 Resp: 625842
Ion Ratio Lower Upper
107 100
108 93.9 68.2 108.2
77 111.4 86.6 126.6
79 30.3 7.7 47.7

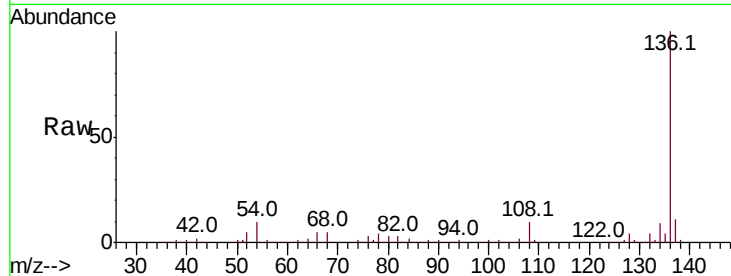




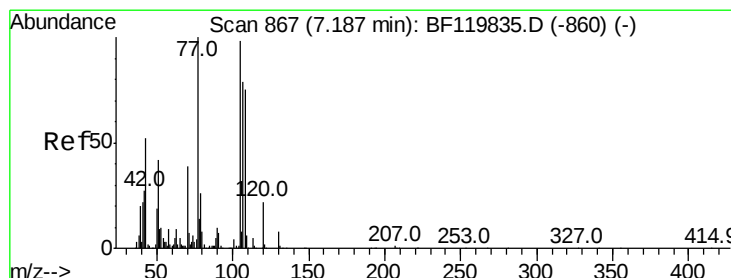
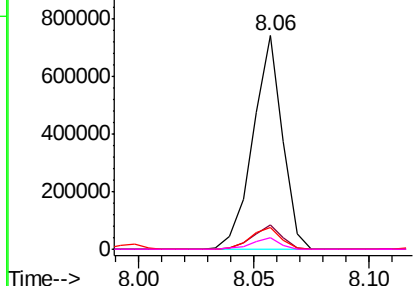
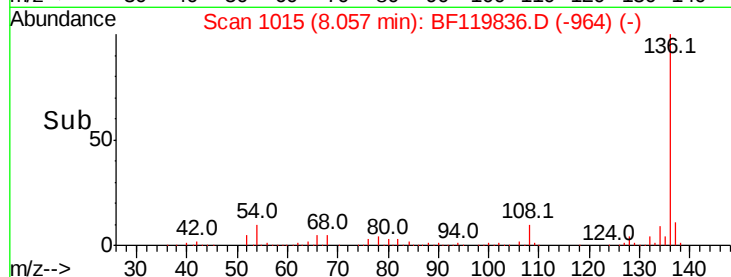
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 658286
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 10.1	8.5 12.7
68 5.4	3.9 5.9

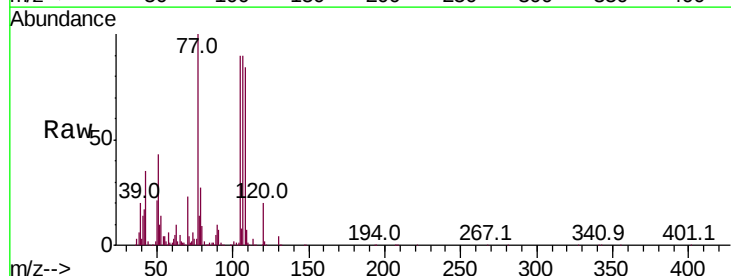


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

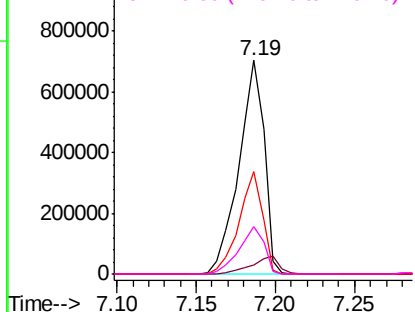
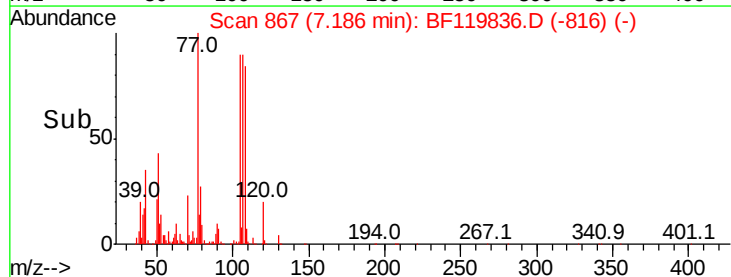


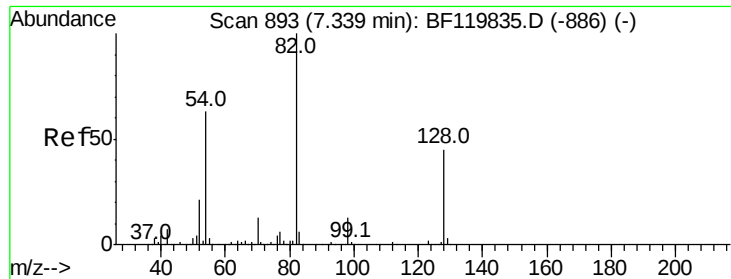
#22
Acetophenone
Concen: 49.200 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt	Ion:105	Resp:	773893
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.6	8.4#
51	47.8	33.9	50.9
120	21.9	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

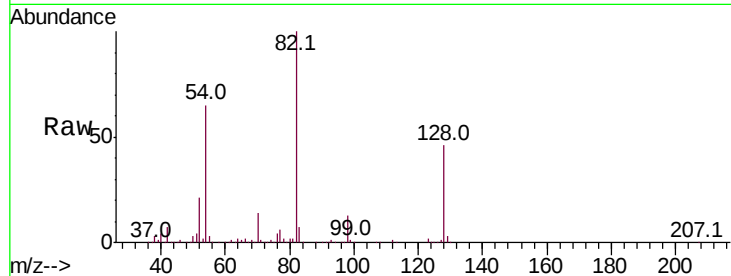




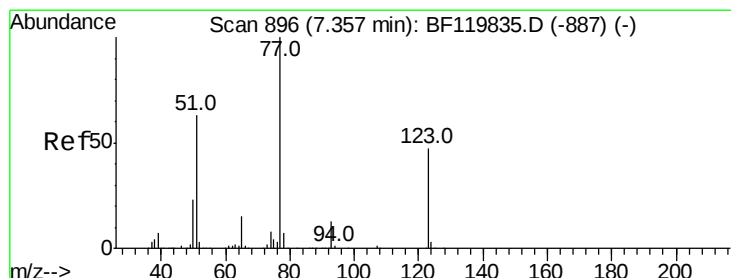
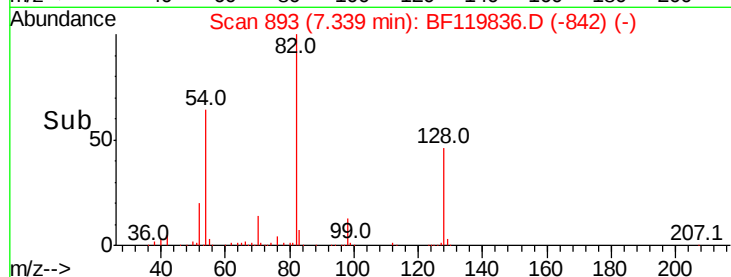
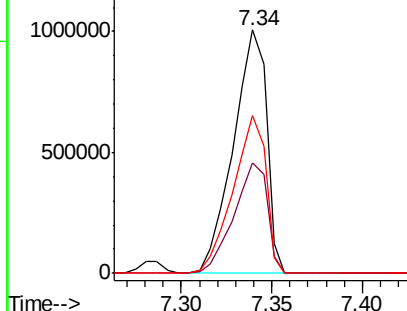
#23
Nitrobenzene-d5
Concen: 106.143 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1285653
Ion Ratio Lower Upper
82 100
128 45.5 36.2 54.4
54 64.9 50.4 75.6

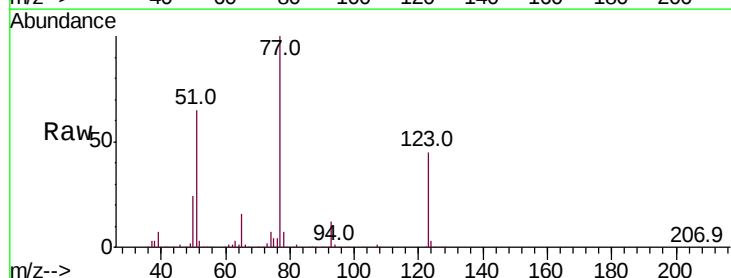


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

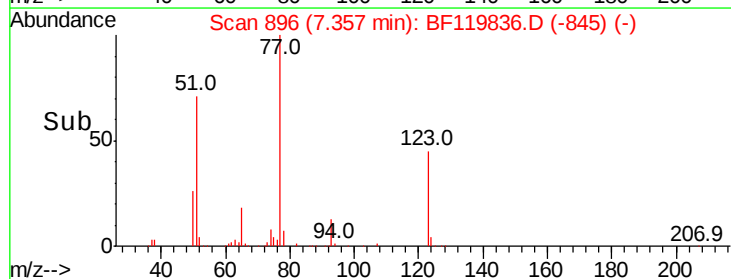
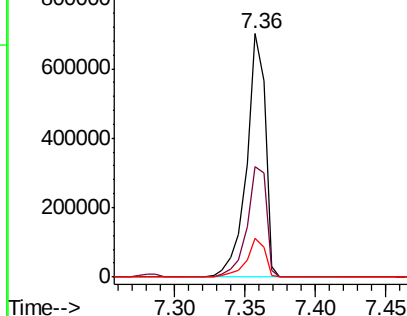


#24
Nitrobenzene
Concen: 49.810 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion: 77 Resp: 644762
Ion Ratio Lower Upper
77 100
123 45.4 37.8 56.8
65 15.9 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: 50.430 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampled :

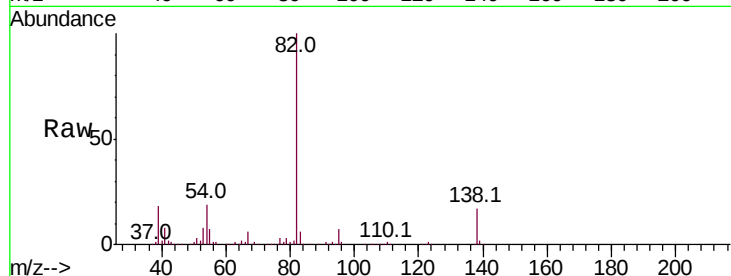
Tot Ion: 82 Resp: 1239094

Ion Ratio Lower Upper

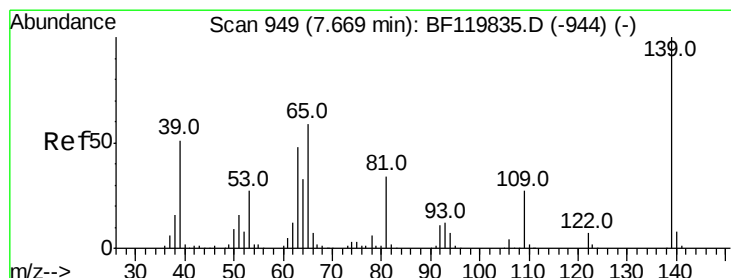
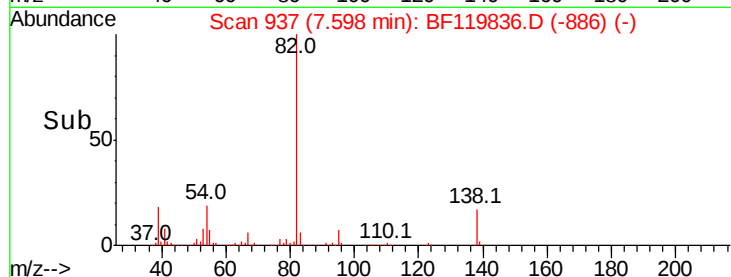
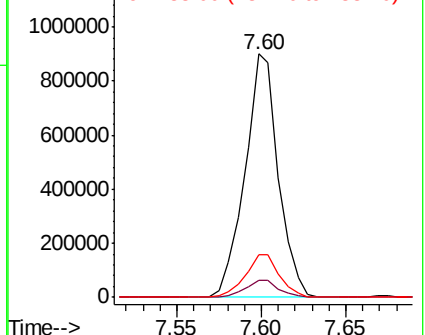
82 100

95 6.9 5.8 8.6

138 17.4 14.5 21.7



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



#26

2-Nitrophenol

Concen: 64.501 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

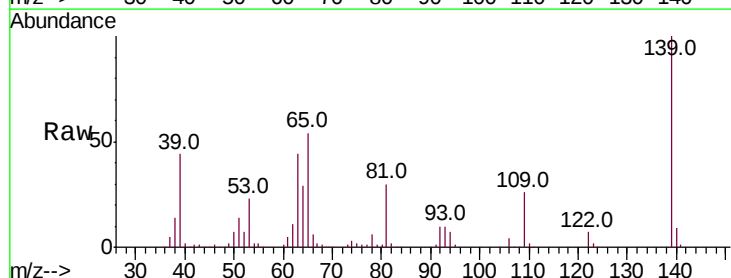
Tgt Ion:139 Resp: 328745

Ion Ratio Lower Upper

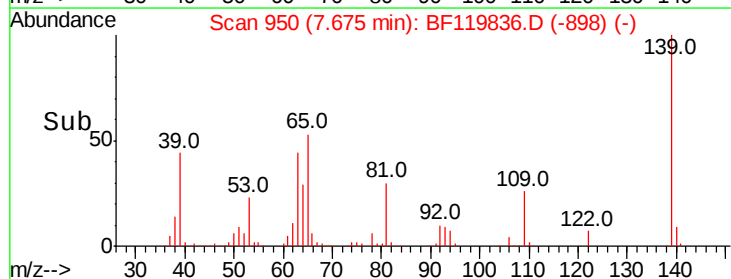
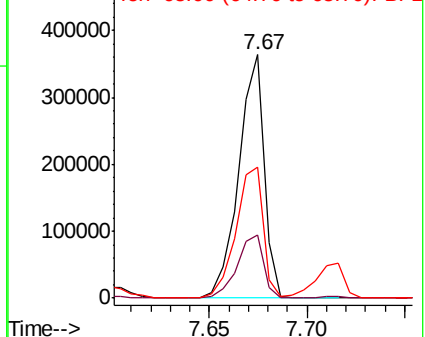
139 100

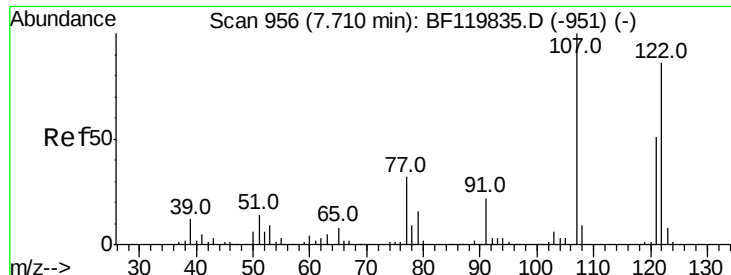
109 26.1 21.8 32.6

65 54.0 47.0 70.4



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

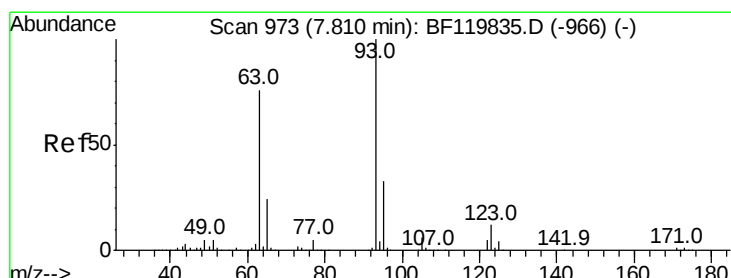
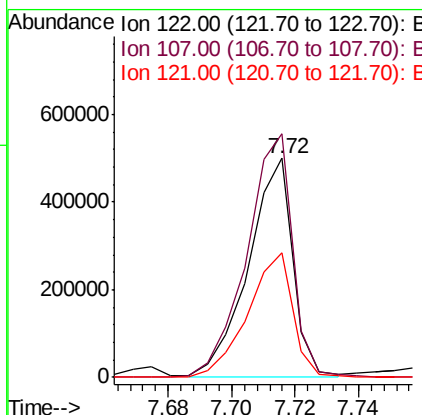
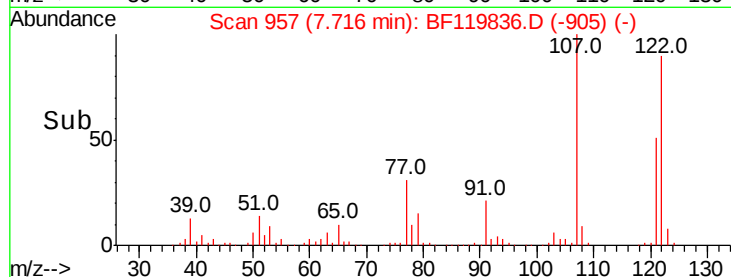
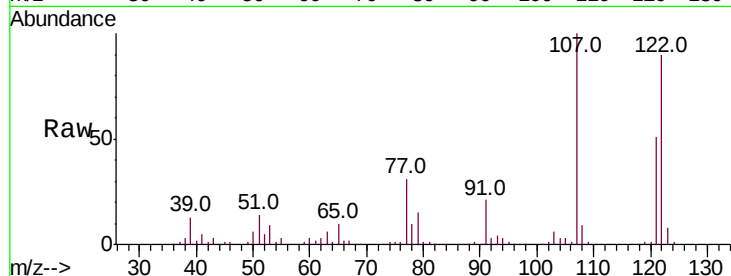




#27
 2,4-Dimethylphenol
 Concen: 46.378 ng
 RT: 7.72 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

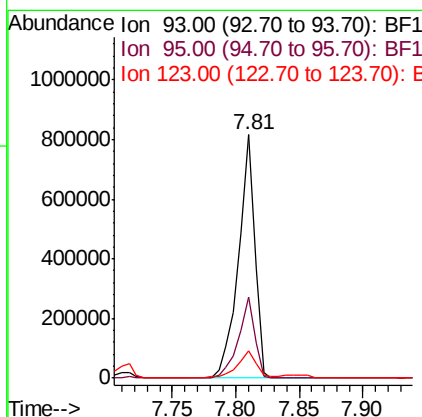
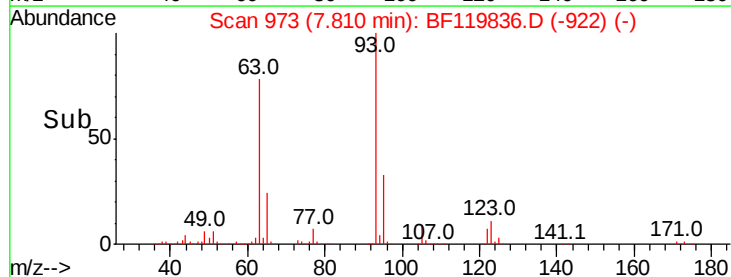
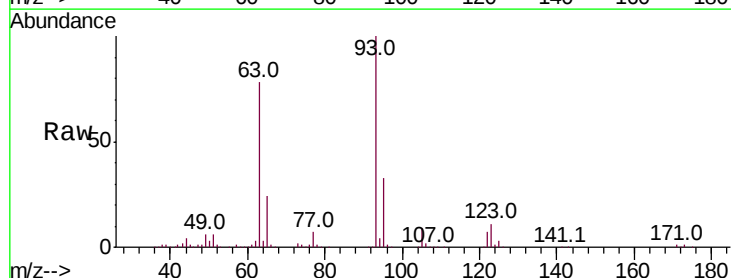
Instrument :
 BNA_F
 ClientSampled :

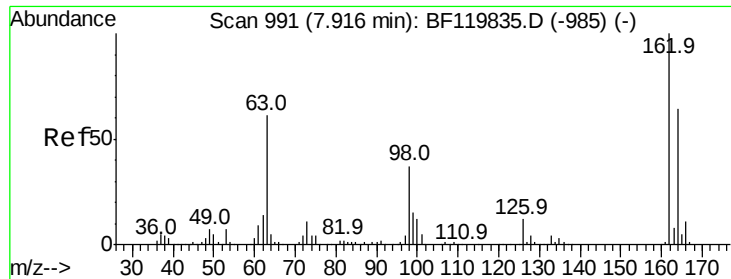
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	92.3	138.5
121	56.9	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.731 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	11.4	9.7	14.5

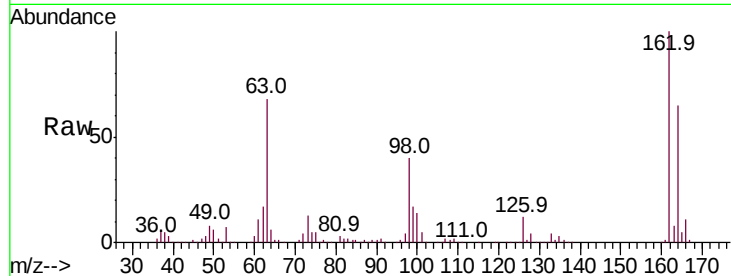




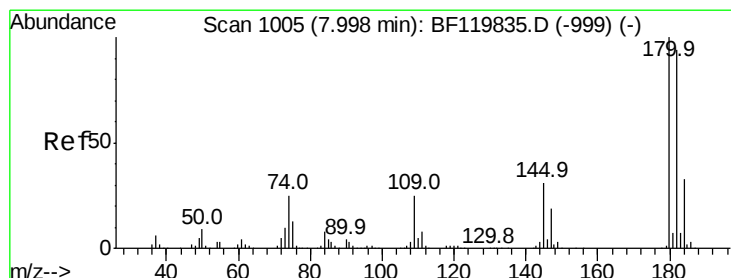
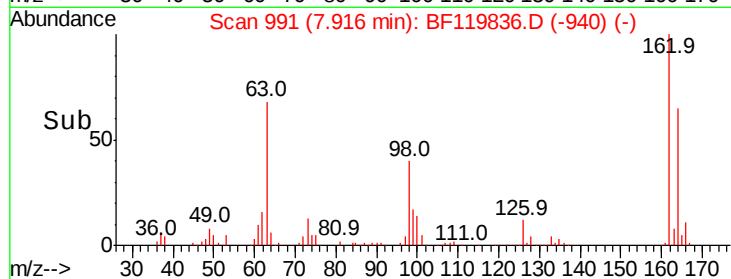
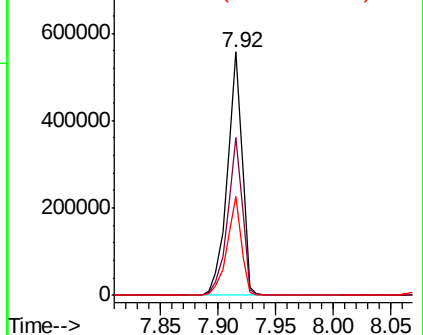
#29
 2,4-Dichlorophenol
 Concen: 51.274 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.4	84.4
98	40.4	17.3	57.3

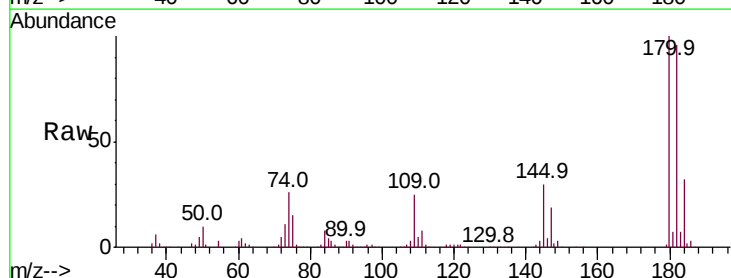


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

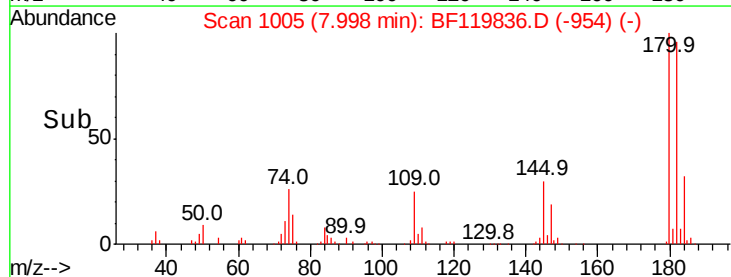
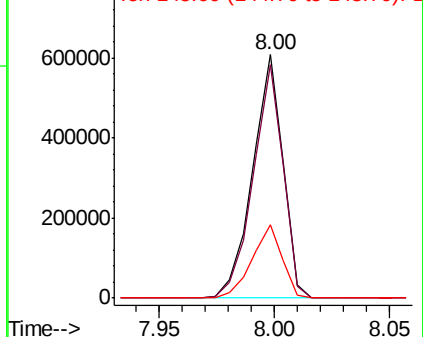


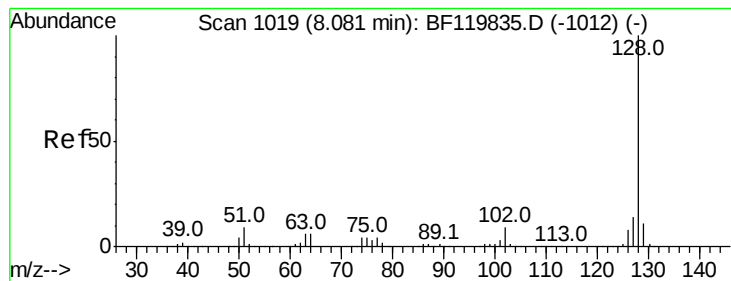
#30
 1,2,4-Trichlorobenzene
 Concen: 52.043 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.4	113.0
145	30.3	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: 49.869 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

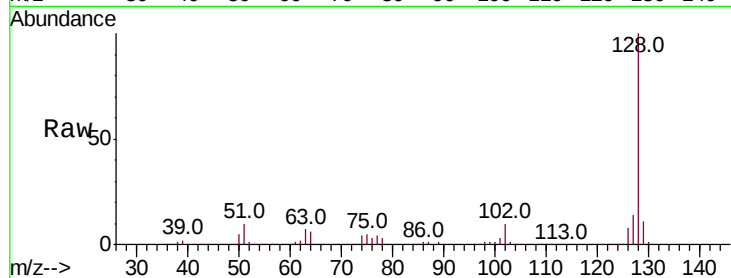
Tot Ion:128 Resp: 1689366

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

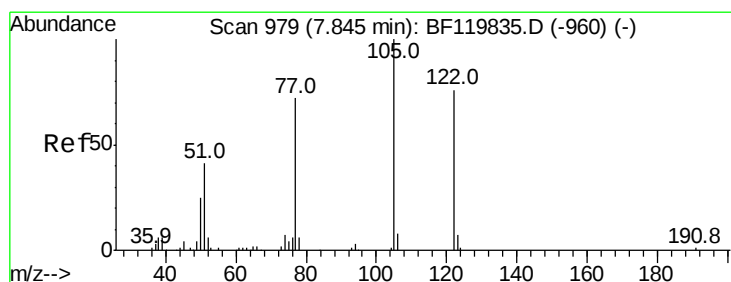
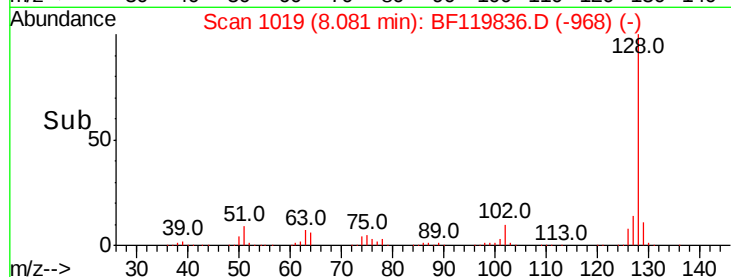
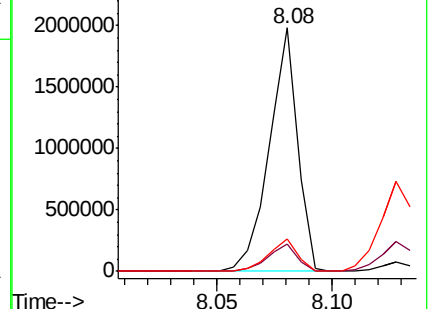
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 62.806 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

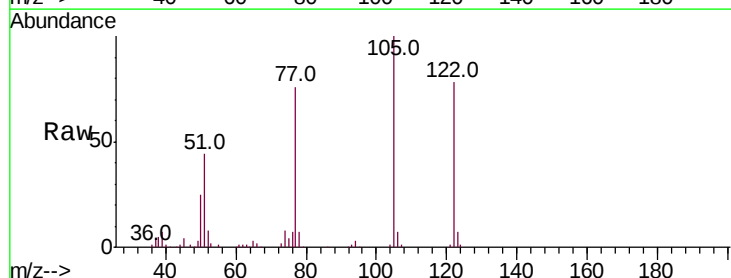
Tgt Ion:122 Resp: 425771

Ion Ratio Lower Upper

122 100

105 128.5 106.7 146.7

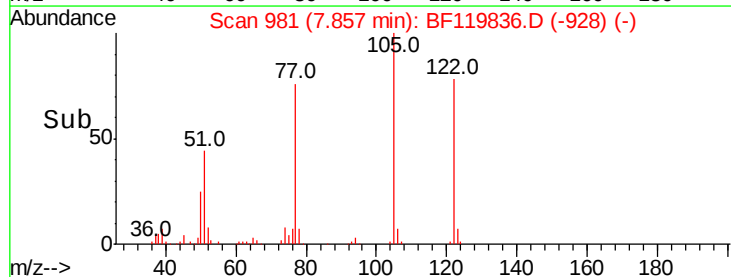
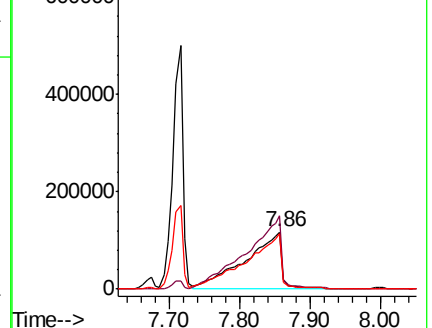
77 97.5 72.1 112.1

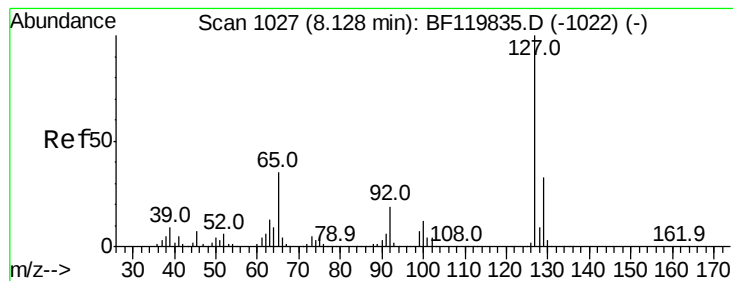


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 47.031 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF119836.D

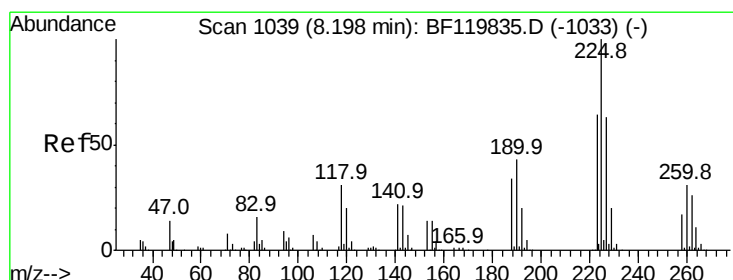
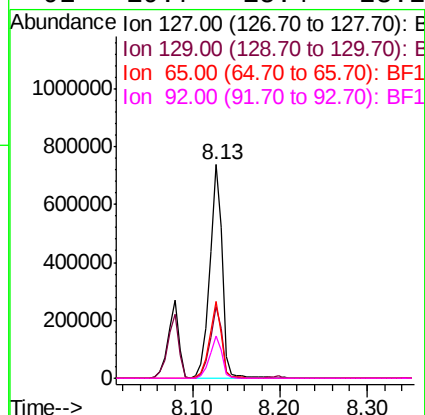
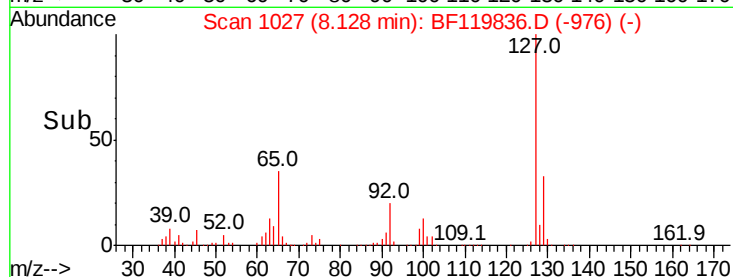
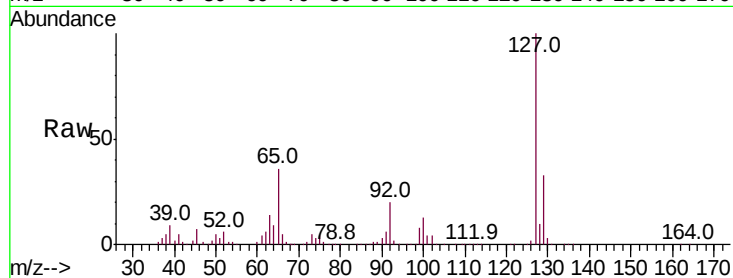
Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	730043
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	35.8	28.3	42.5
92	19.7	15.4	23.2



#34

Hexachlorobutadiene

Concen: 56.402 ng

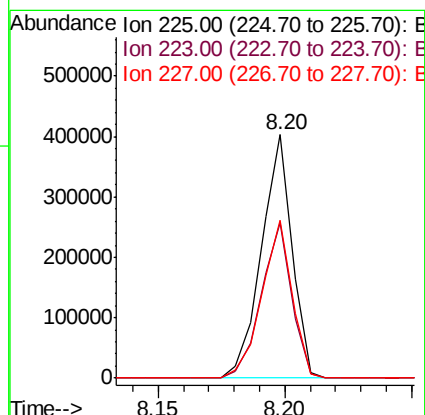
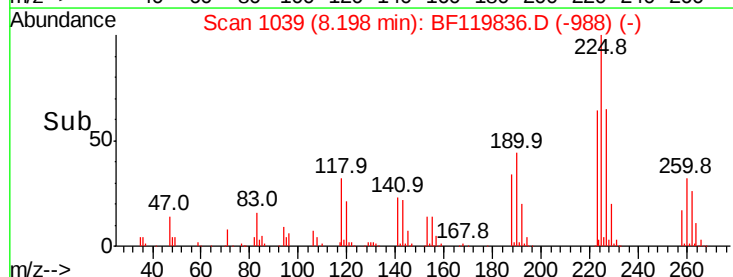
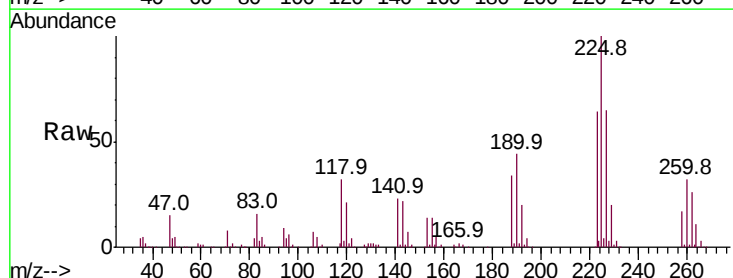
RT: 8.20 min Scan# 1039

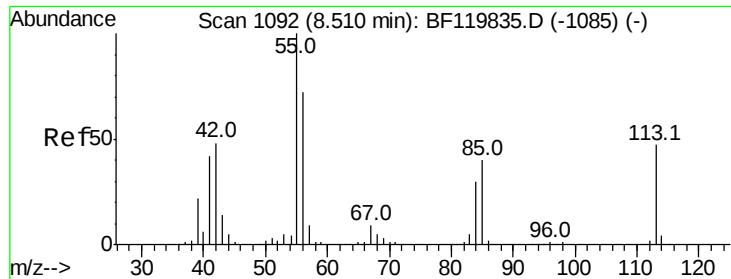
Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Tgt Ion:	225	Resp:	337946
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	64.9	50.4	75.6

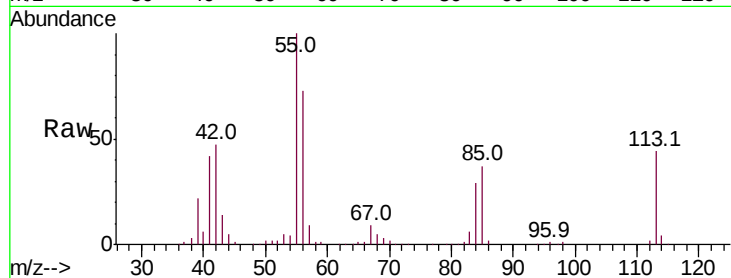




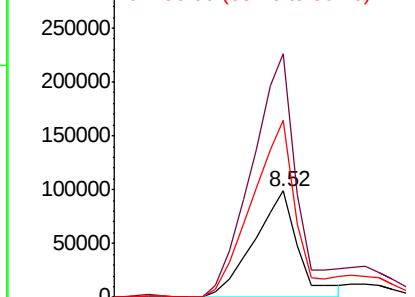
#35
Caprolactam
Concen: 41.587 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Instrument :
BNA_F
ClientSampled :

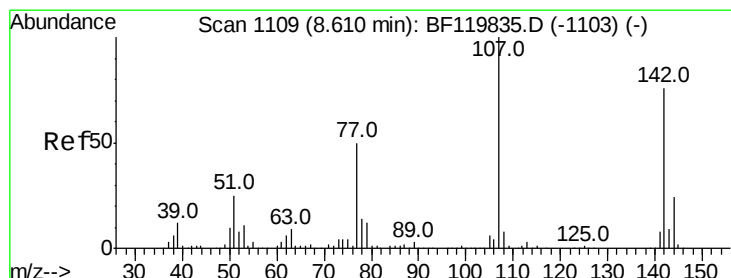
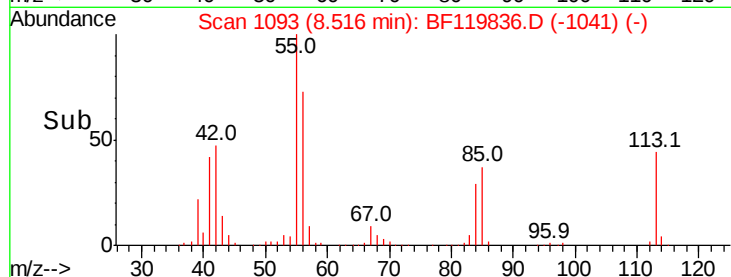
Tot Ion:113 Resp: 131794
Ion Ratio Lower Upper
113 100
55 228.9 192.7 232.7
56 166.1 133.3 173.3



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

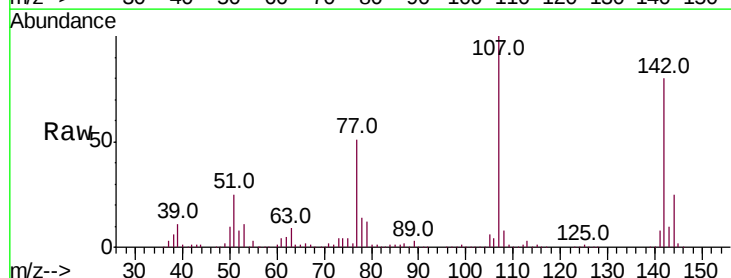


Time--> 8.45 8.50 8.55

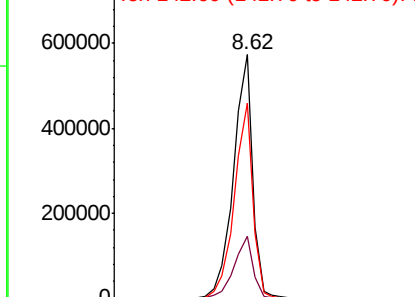


#36
4-Chloro-3-methylphenol
Concen: 50.705 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

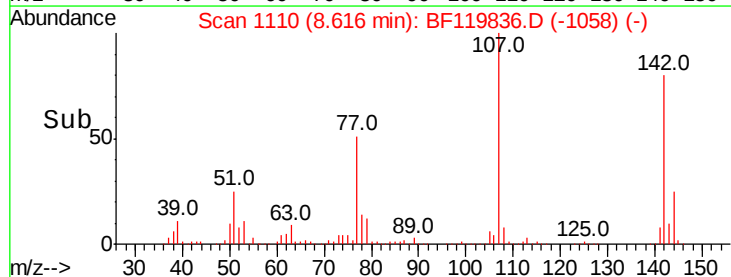
Tgt Ion:107 Resp: 536638
Ion Ratio Lower Upper
107 100
144 25.5 19.5 29.3
142 80.2 60.5 90.7

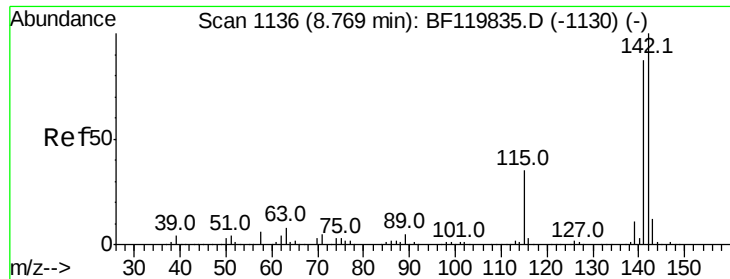


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



Time--> 8.55 8.60 8.65 8.70

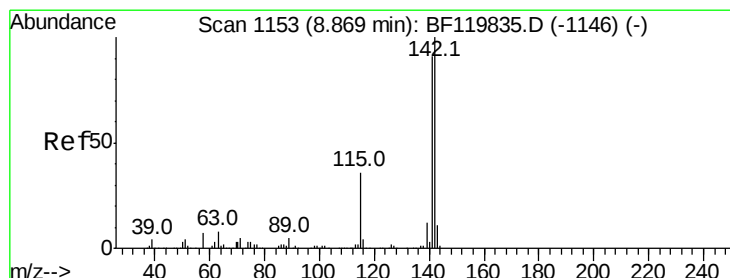
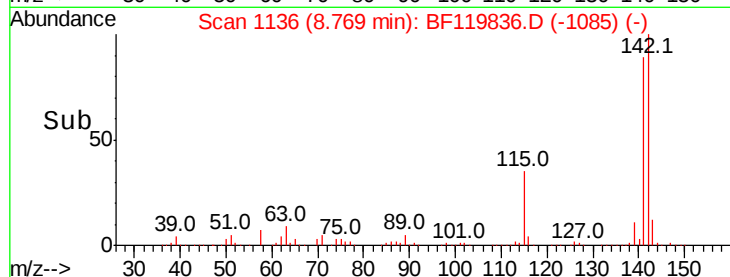
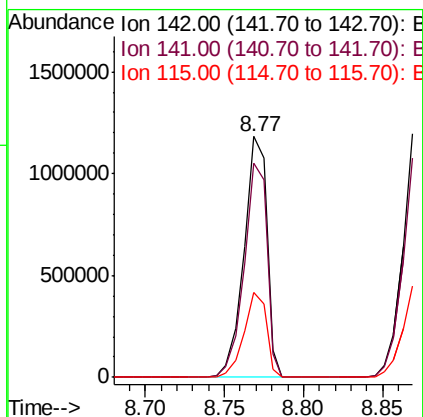
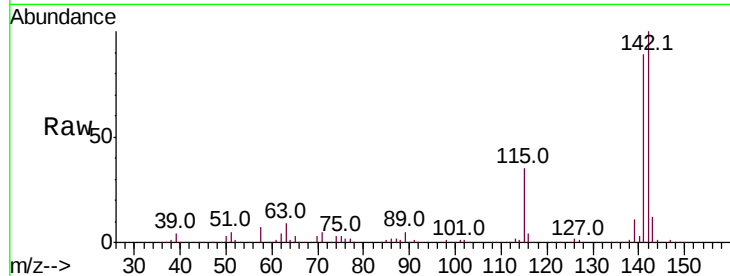




#37
2-Methylnaphthalene
Concen: 53.178 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

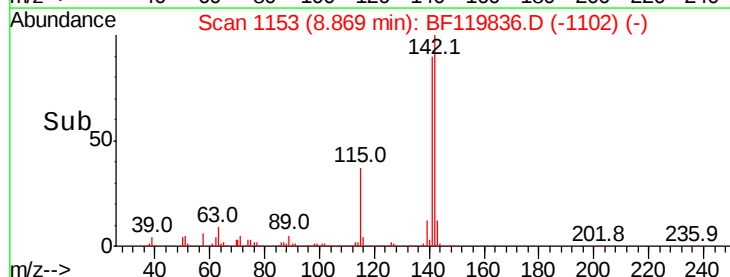
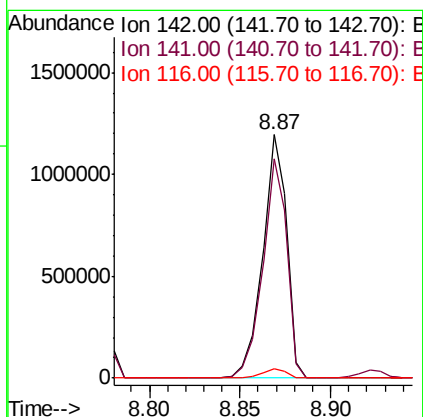
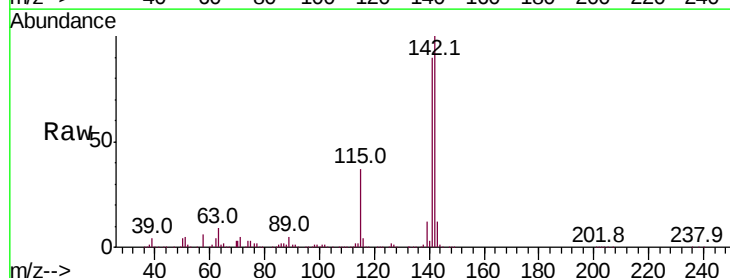
Instrument :
BNA_F
ClientSampleId :

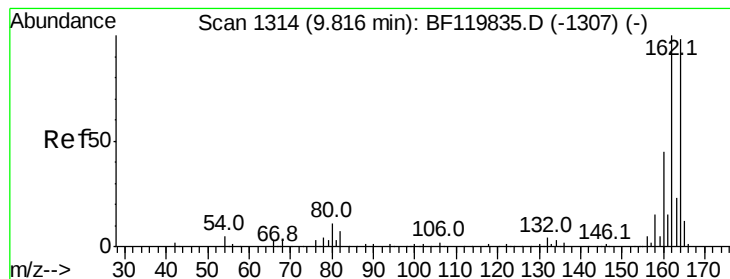
Tot Ion:142 Resp: 1182276
Ion Ratio Lower Upper
142 100
141 88.9 69.9 104.9
115 35.1 28.0 42.0



#38
1-Methylnaphthalene
Concen: 52.055 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:142 Resp: 1095417
Ion Ratio Lower Upper
142 100
141 90.2 72.9 109.3
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampled :

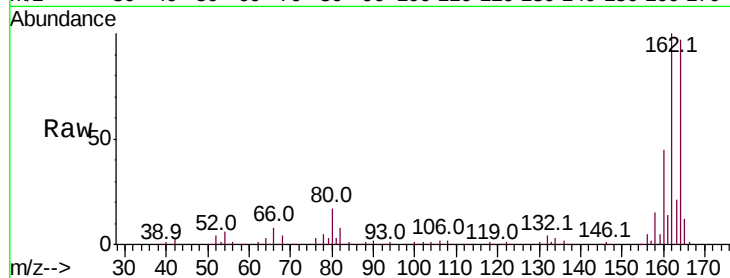
Tot Ion:164 Resp: 349005

Ion Ratio Lower Upper

164 100

162 103.5 81.9 122.9

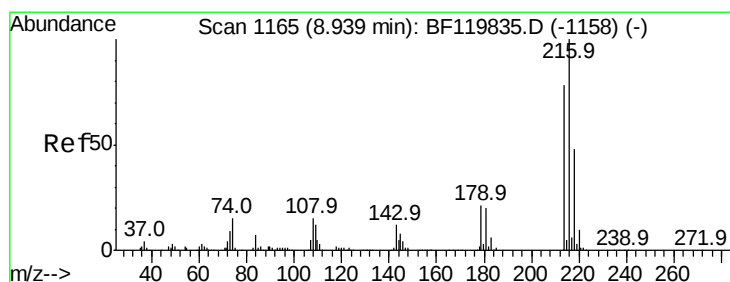
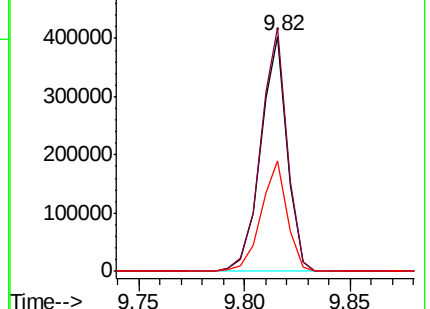
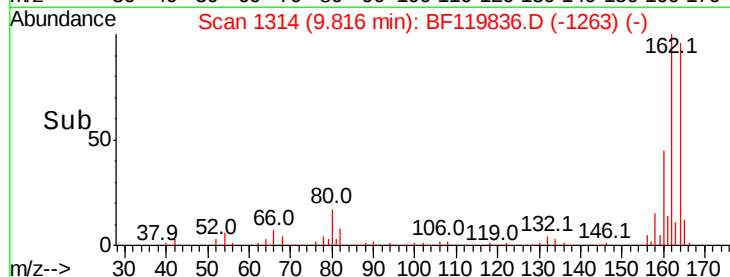
160 46.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.377 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Tgt Ion:216 Resp: 546022

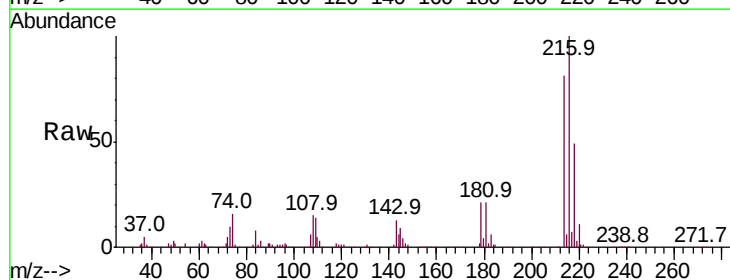
Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 21.3 17.0 25.4

108 18.2 14.8 22.2

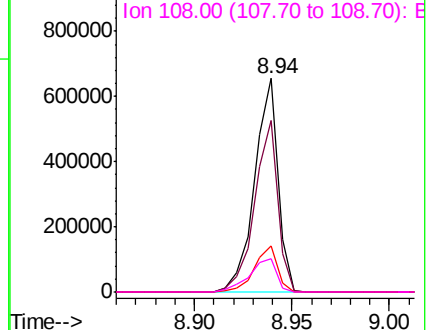
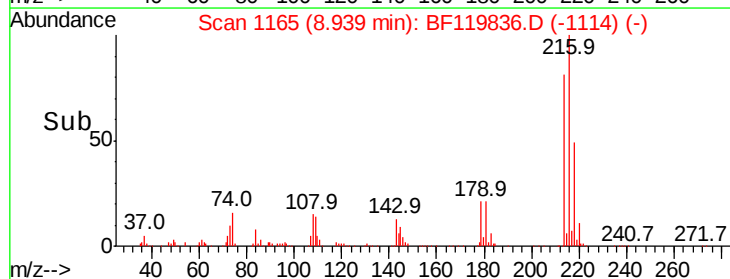


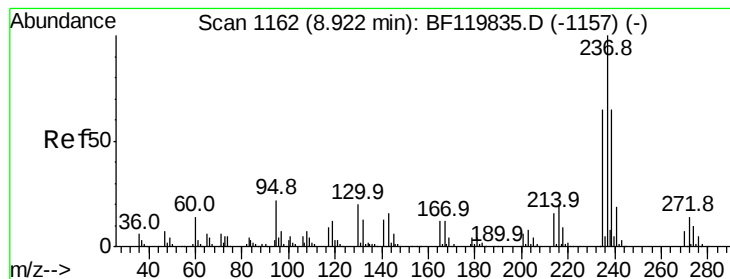
Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.011 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

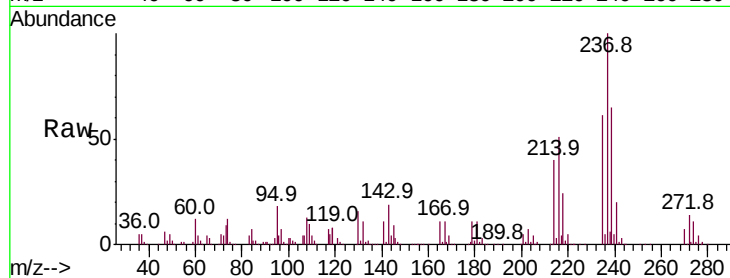
Tot Ion:237 Resp: 319928

Ion Ratio Lower Upper

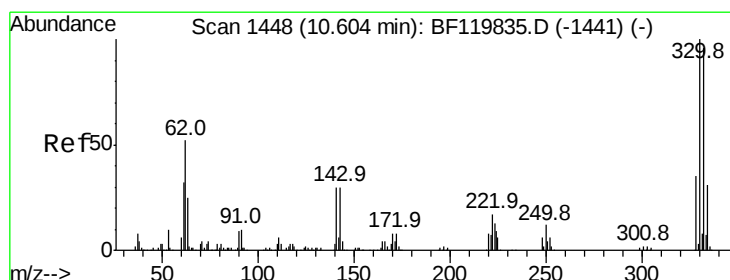
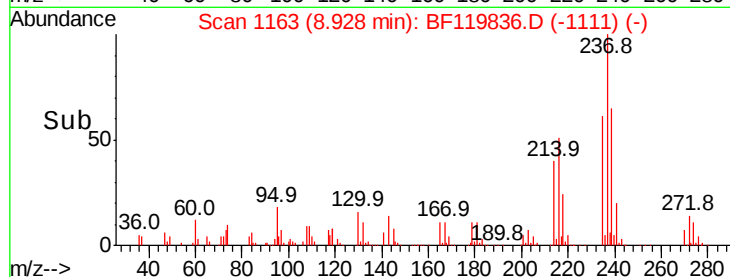
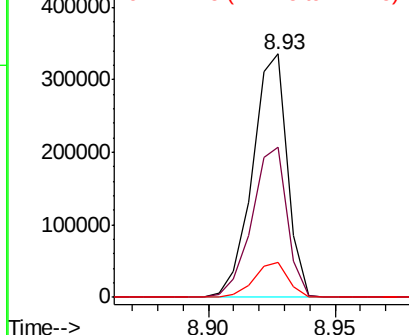
237 100

235 61.4 44.9 84.9

272 14.4 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 117.141 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

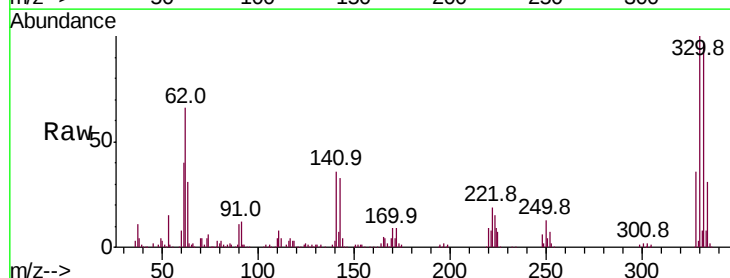
Tgt Ion:330 Resp: 421774

Ion Ratio Lower Upper

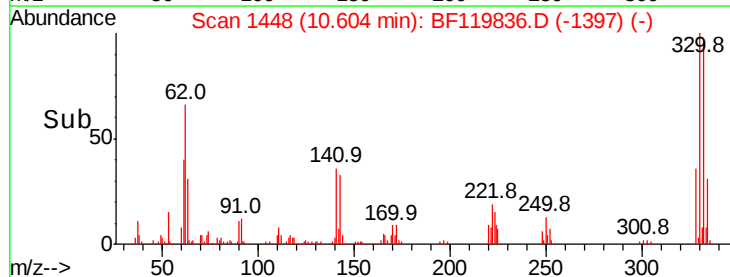
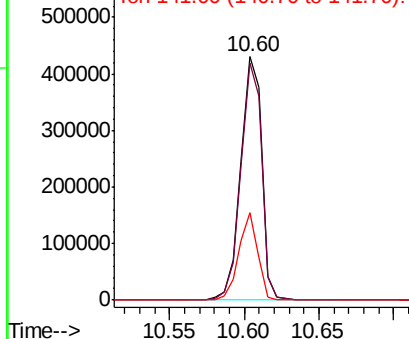
330 100

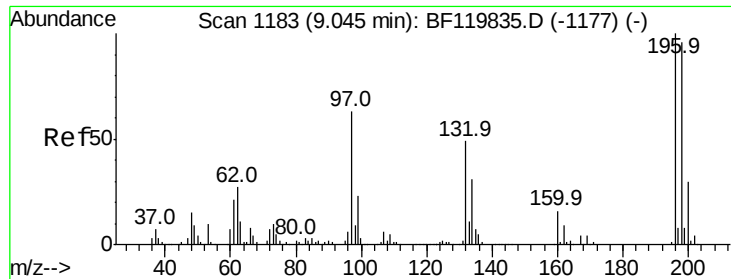
332 97.2 76.8 115.2

141 32.4 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

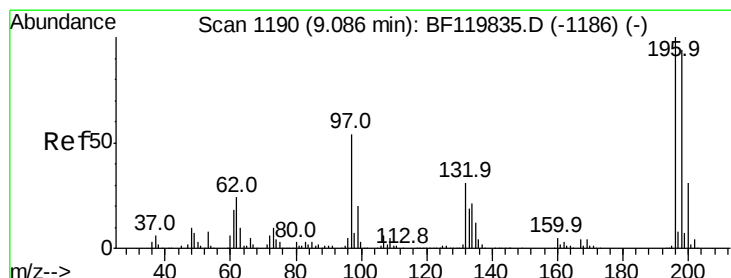
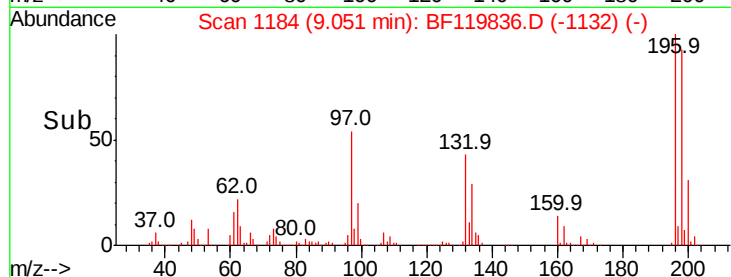
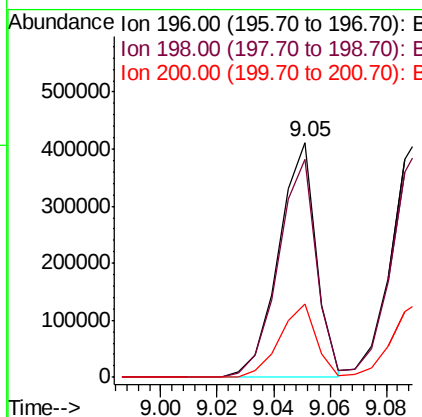
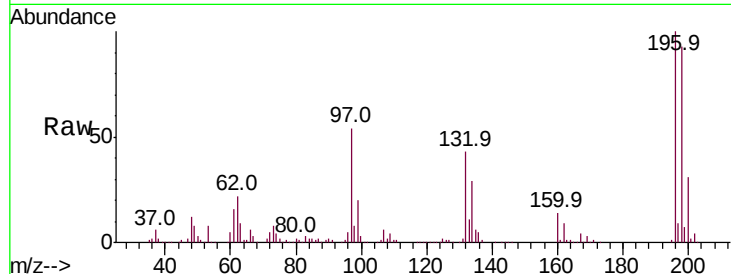




#43
 2,4,6-Trichlorophenol
 Concen: 51.774 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

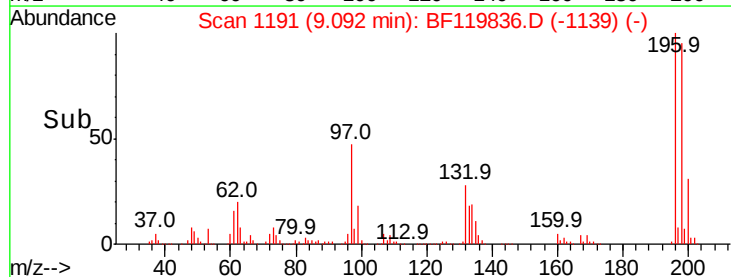
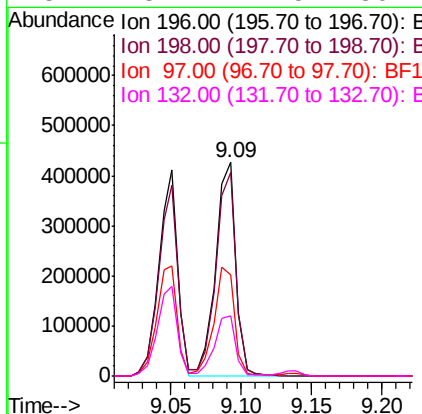
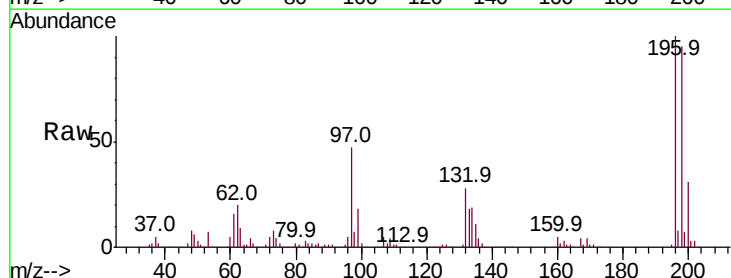
Instrument :
 BNA_F
 ClientSampleId :

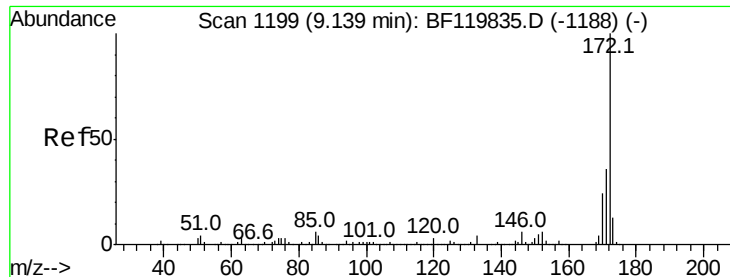
Tot Ion:196 Resp: 379014
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.6 115.0
 200 31.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 51.583 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion:196 Resp: 423019
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.1 112.7
 97 47.4 43.4 65.2
 132 28.4 24.5 36.7



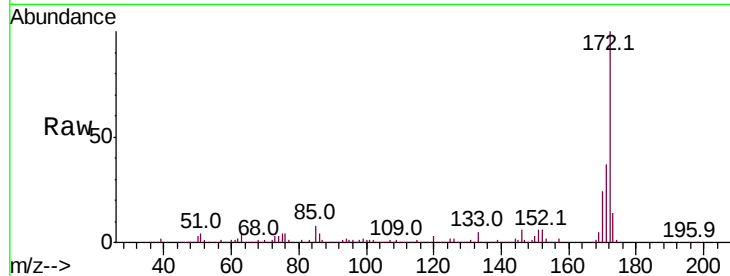


#45
 2-Fluorobiphenyl
 Concen: 101.934 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

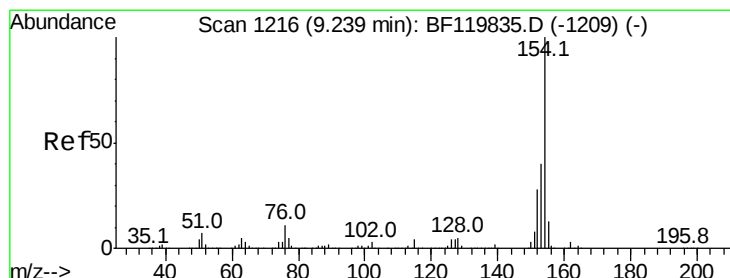
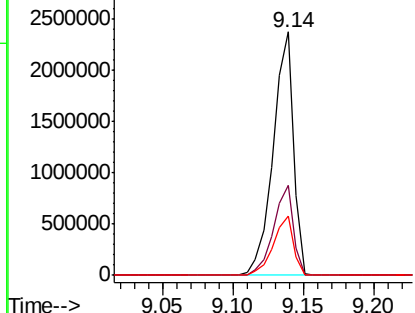
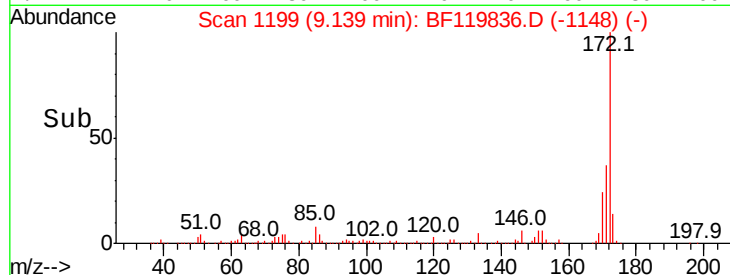
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2401371

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.5	19.4	29.2



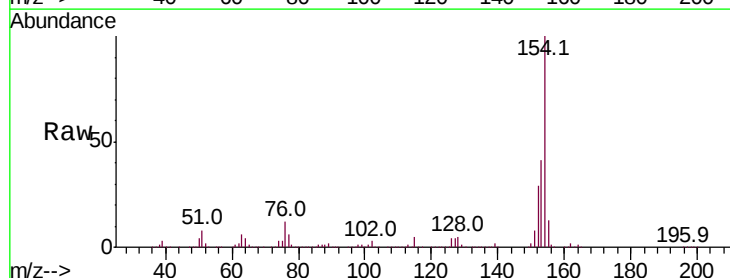
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



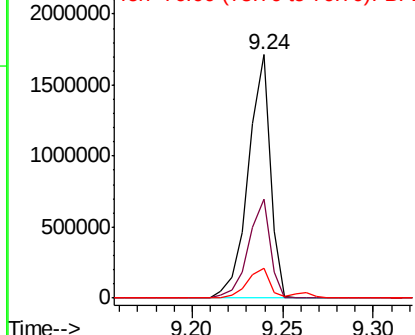
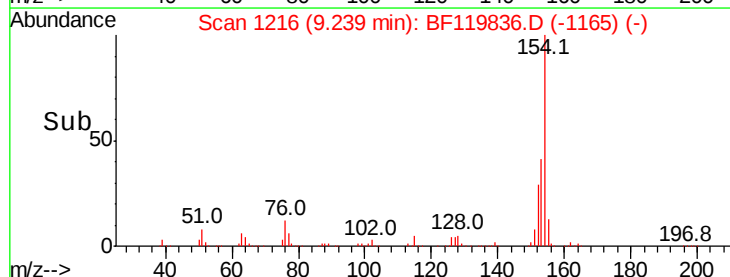
#46
 1,1'-Biphenyl
 Concen: 50.789 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

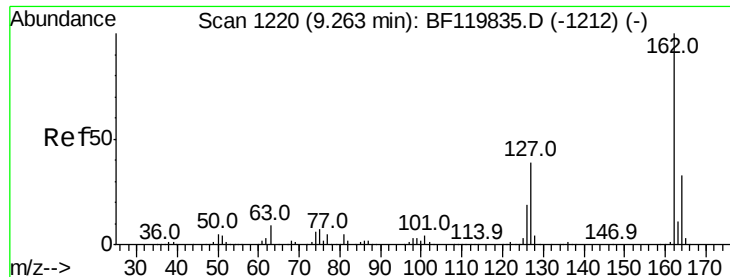
Tgt Ion:154 Resp: 1443666

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	12.1	0.0	30.6



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



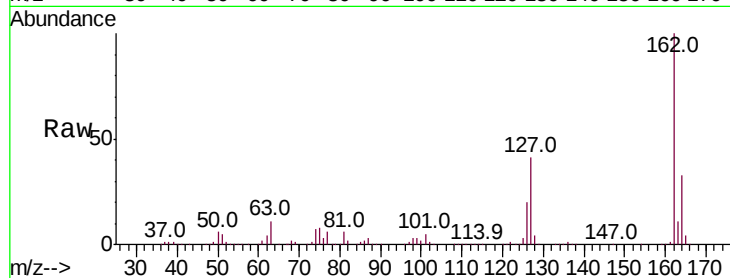


#47
 2-Chloronaphthalene
 Concen: 49.686 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

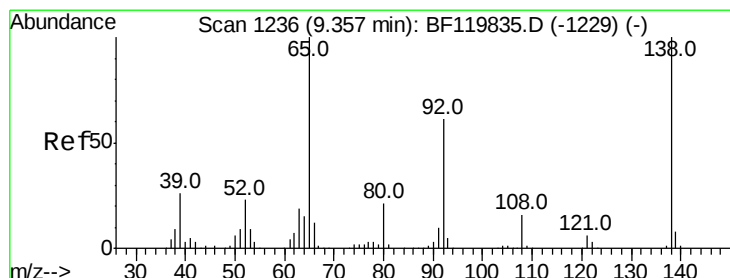
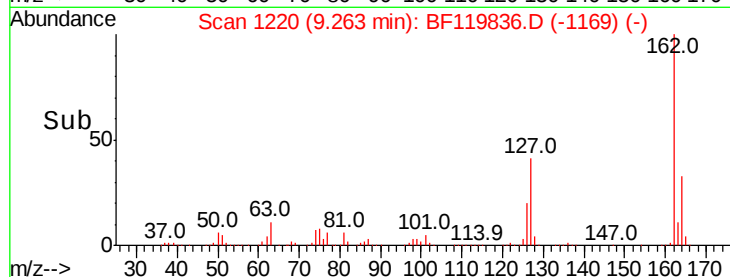
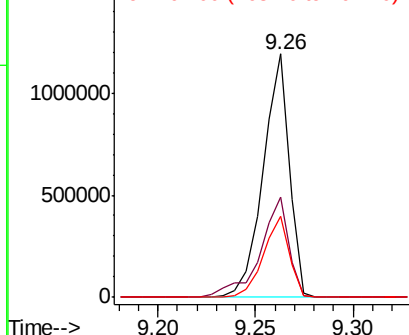
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1106287

Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.2	46.8
164	33.3	26.3	39.5



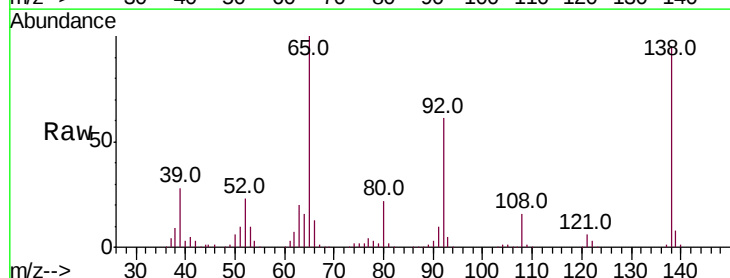
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



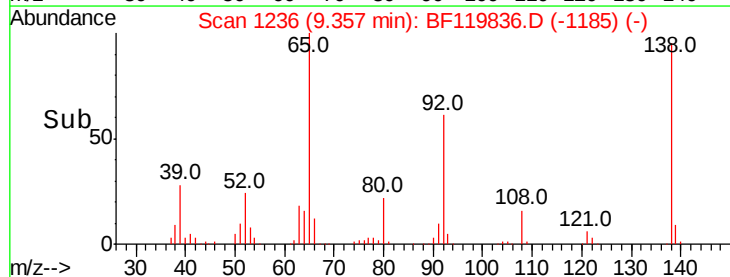
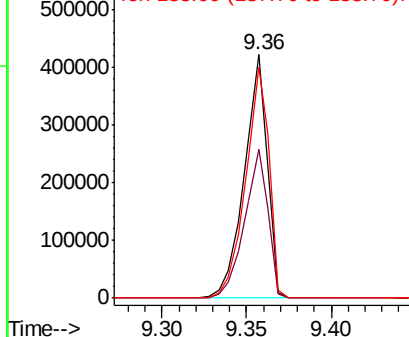
#48
 2-Nitroaniline
 Concen: 52.205 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

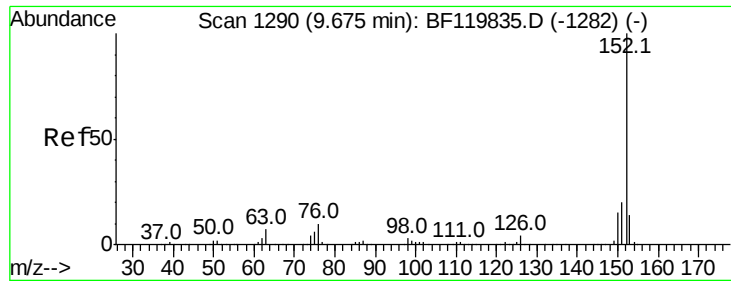
Tgt Ion: 65 Resp: 401204

Ion	Ratio	Lower	Upper
65	100		
92	61.0	49.0	73.6
138	95.1	79.7	119.5



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





#49

Acenaphthylene

Concen: 48.703 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

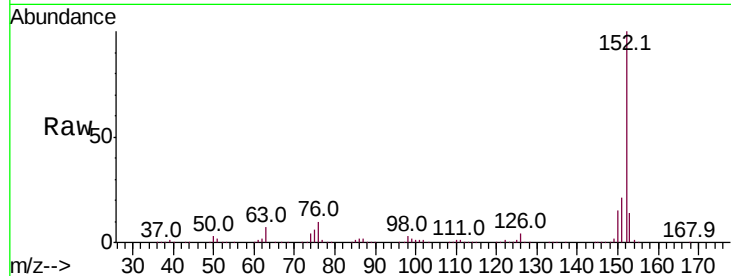
Tot Ion:152 Resp: 1702902

Ion Ratio Lower Upper

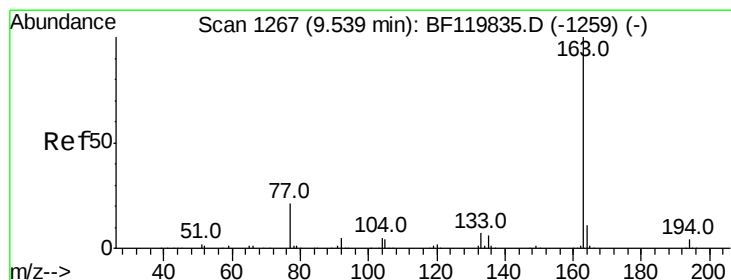
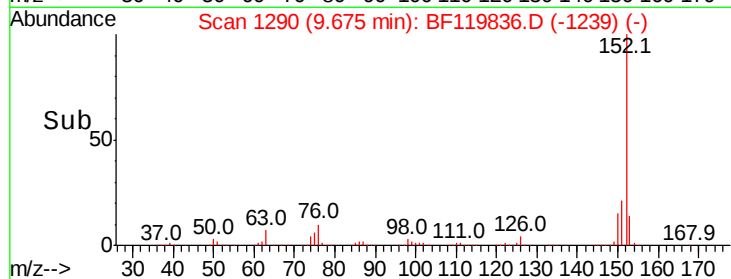
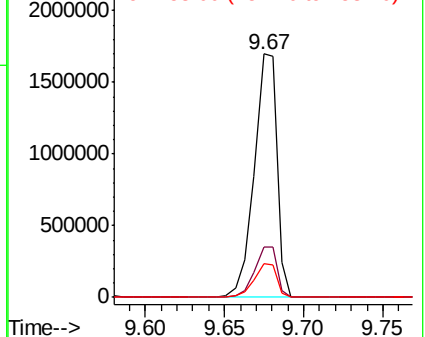
152 100

151 20.7 16.2 24.4

153 13.8 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: 53.020 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

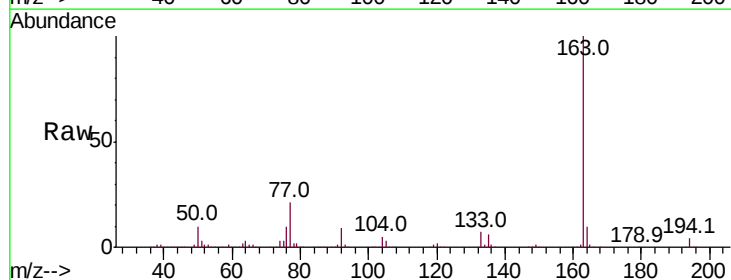
Tgt Ion:163 Resp: 1314366

Ion Ratio Lower Upper

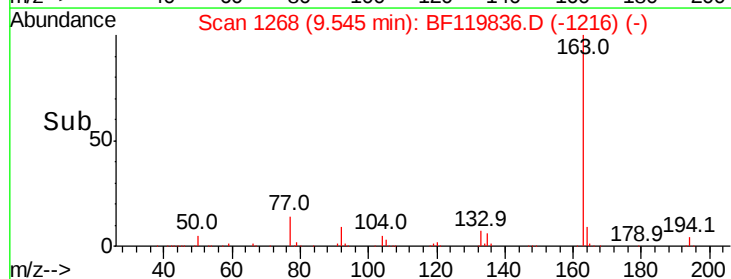
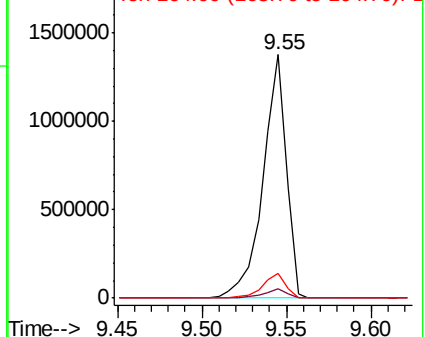
163 100

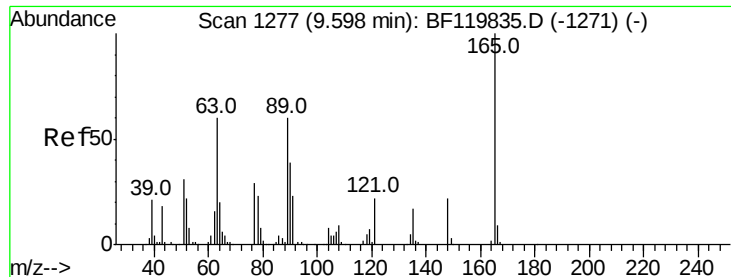
194 3.7 3.0 4.4

164 10.0 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

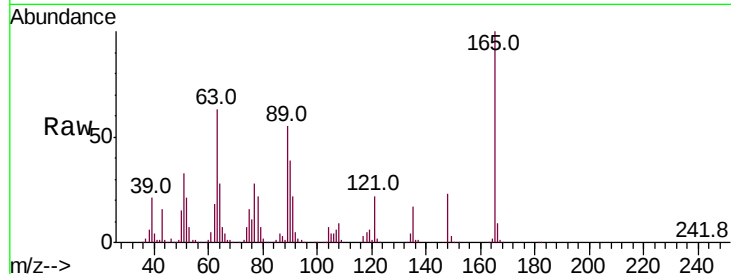




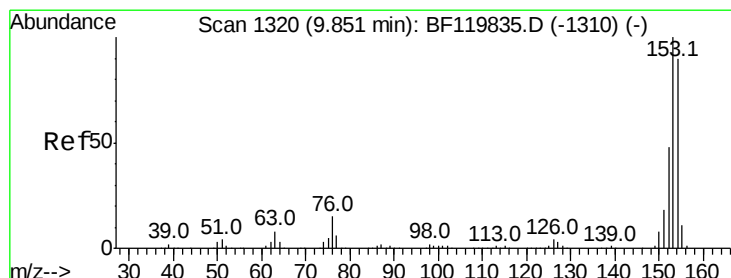
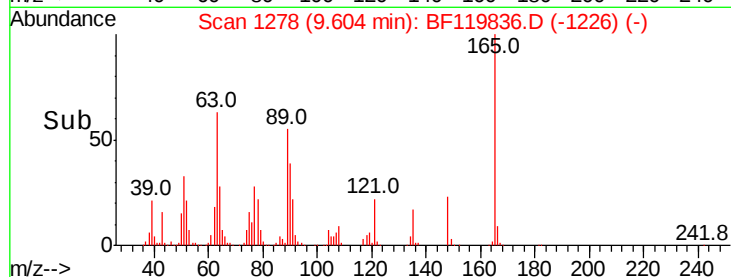
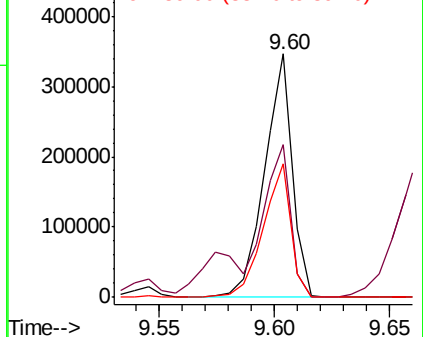
#51
2,6-Dinitrotoluene
Concen: 54.312 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 288589
Ion Ratio Lower Upper
165 100
63 62.8 55.6 83.4
89 54.6 47.9 71.9

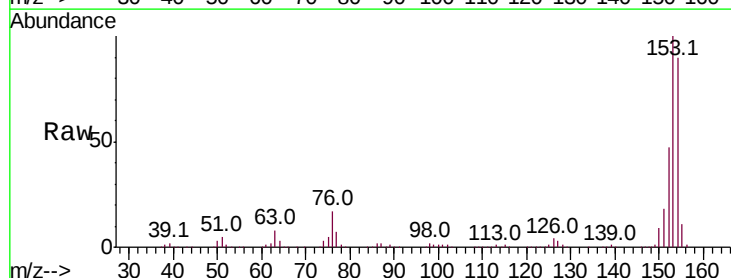


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

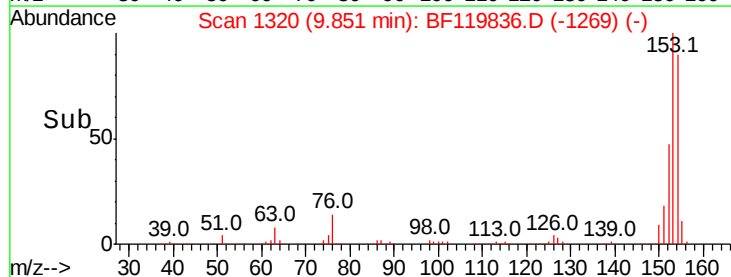
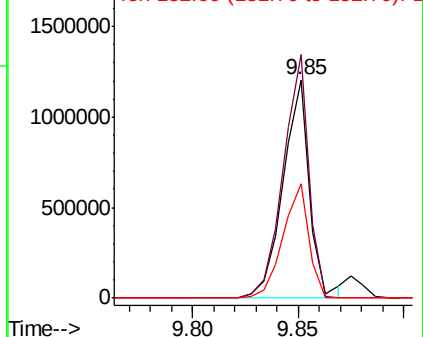


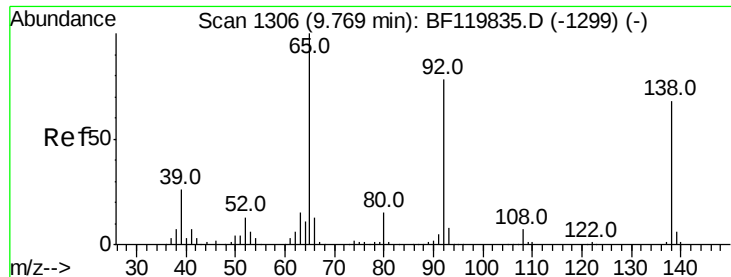
#52
Acenaphthene
Concen: 48.245 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:154 Resp: 1051617
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 52.6 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

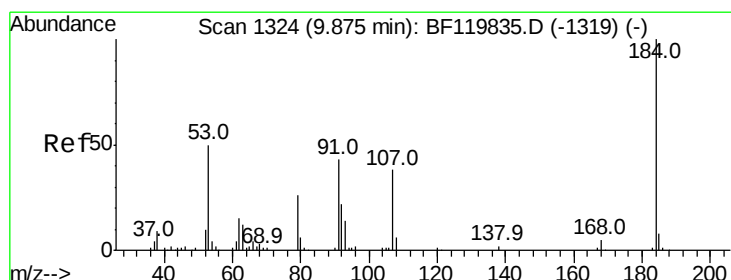
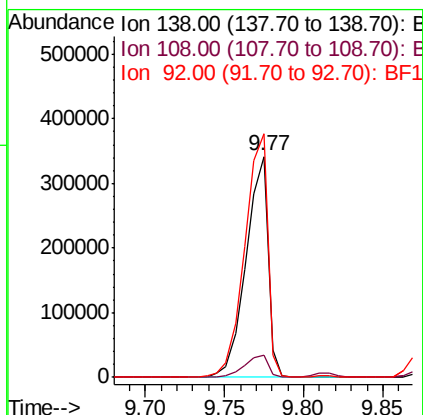
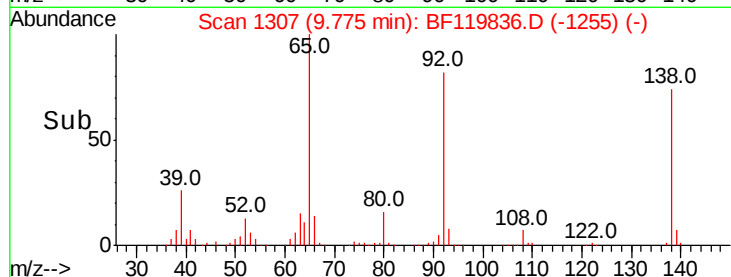
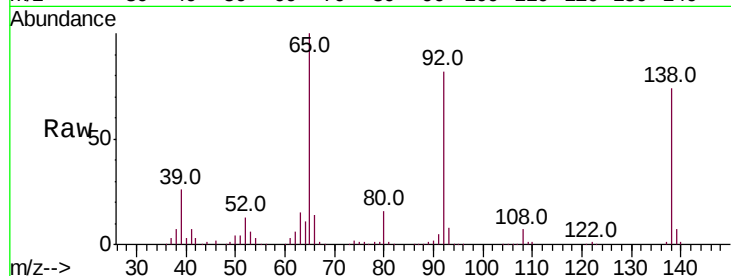




#53
3-Nitroaniline
Concen: 49.138 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

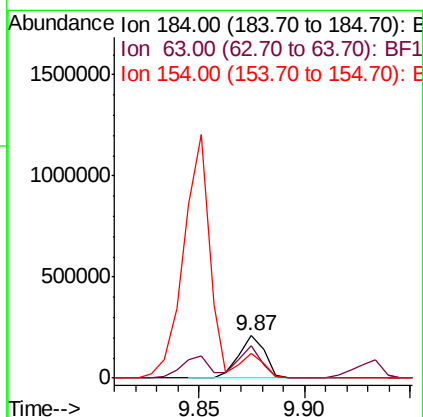
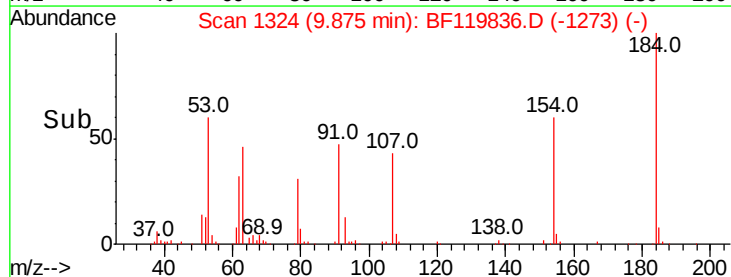
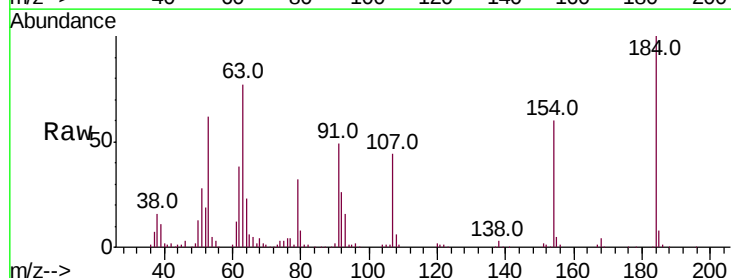
Instrument :
BNA_F
ClientSampleId :

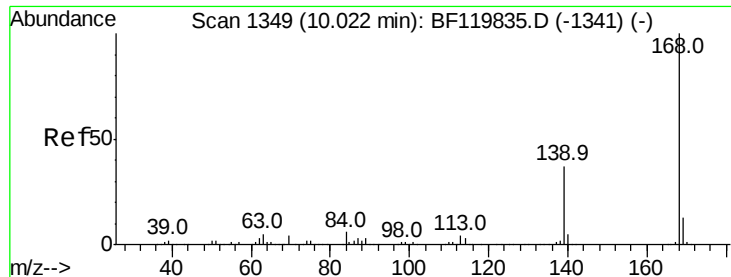
Tot Ion:138 Resp: 329634
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 110.3 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 94.312 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:184 Resp: 183714
Ion Ratio Lower Upper
184 100
63 76.9 49.8 74.6#
154 59.9 46.5 69.7





#55

Dibenzenofuran

Concen: 49.415 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

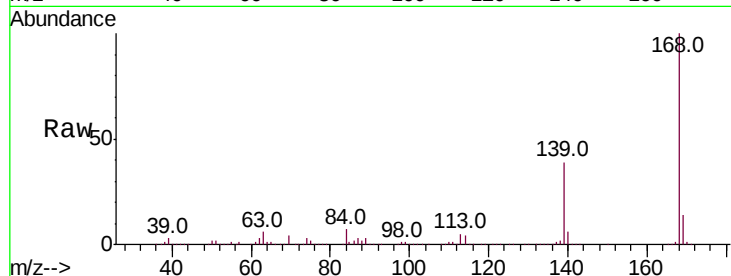
Tot Ion:168 Resp: 1544330

Ion Ratio Lower Upper

168 100

139 38.9 29.8 44.6

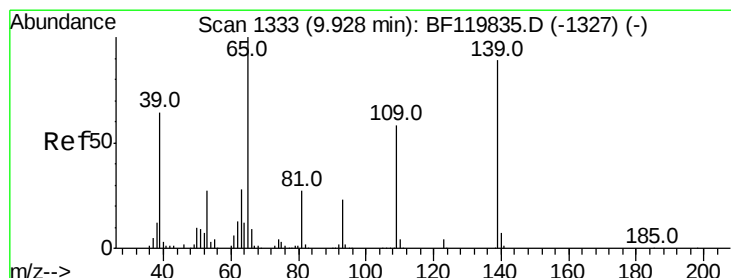
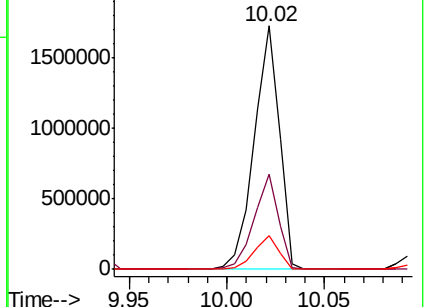
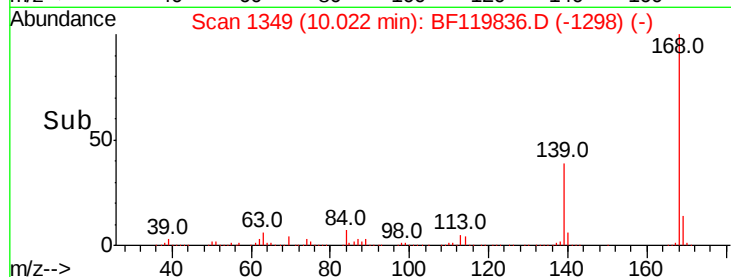
169 13.8 10.6 15.8



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: 46.870 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

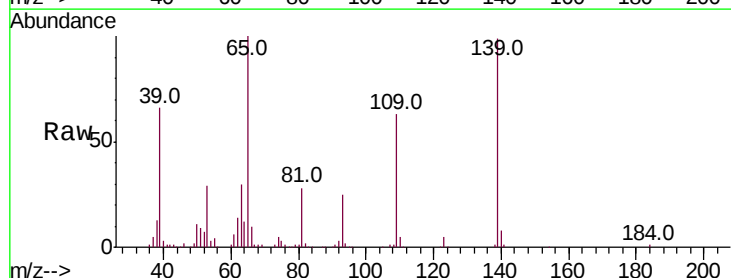
Tgt Ion:139 Resp: 248034

Ion Ratio Lower Upper

139 100

109 64.4 45.5 85.5

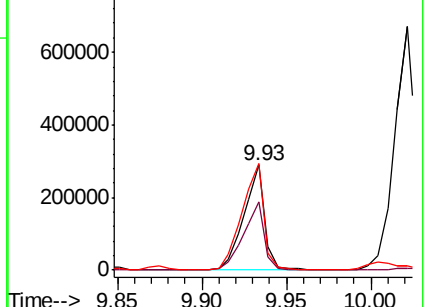
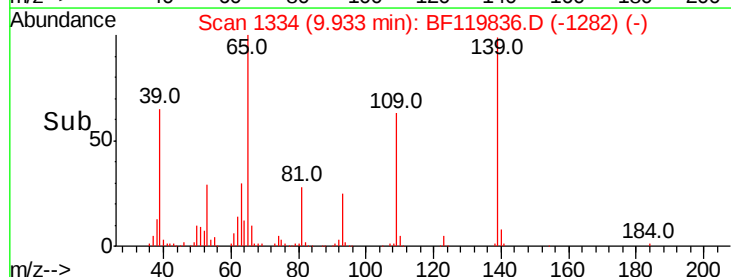
65 101.5 92.3 132.3

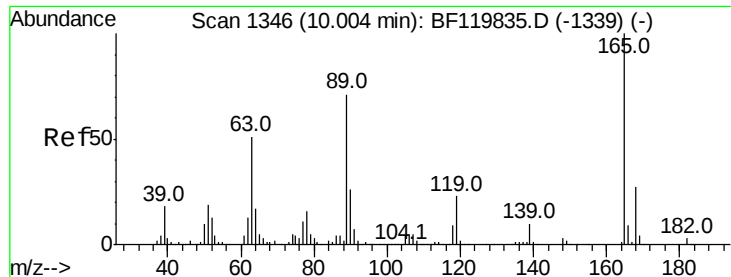


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

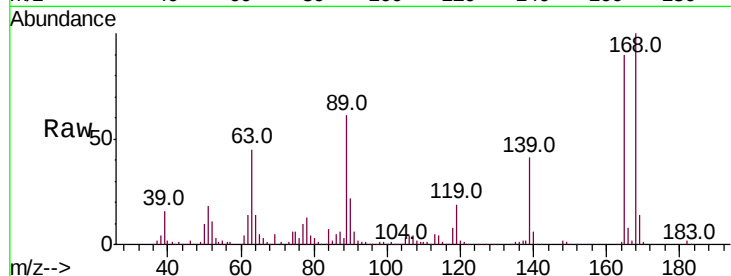




#57
2,4-Dinitrotoluene
Concen: 56.933 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	40.8	61.2
89	68.2	56.9	85.3
182	2.5	2.0	3.0



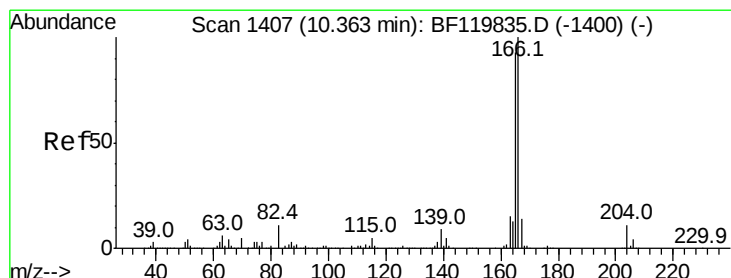
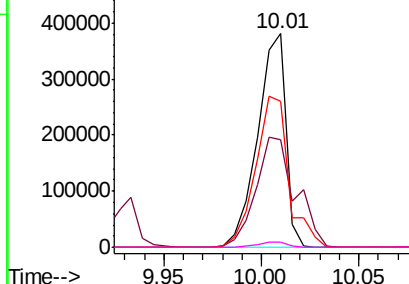
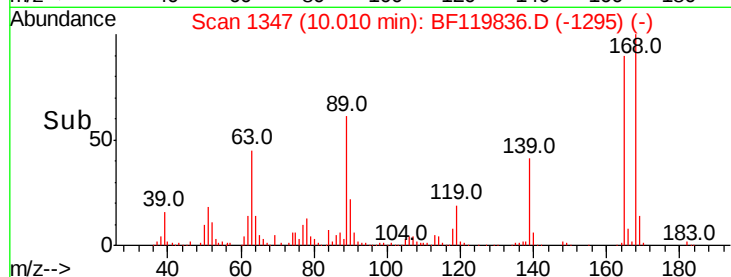
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

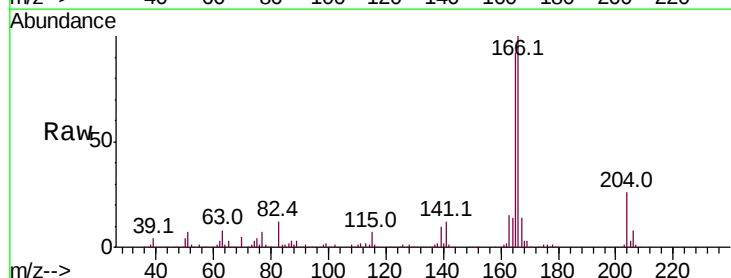
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.648 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.3	74.2	111.2
167	13.6	10.8	16.2

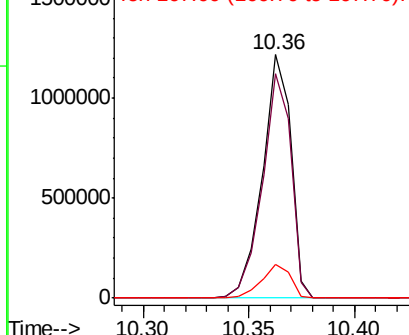
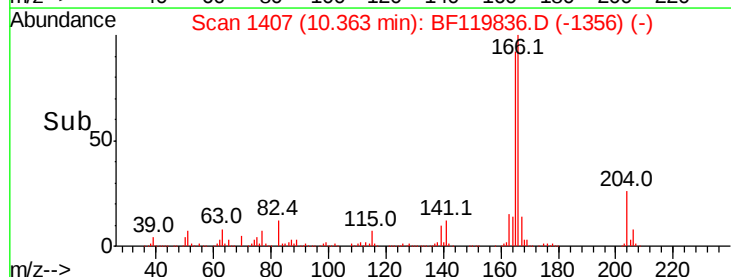


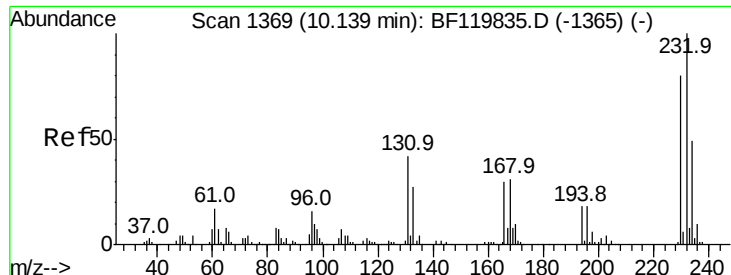
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

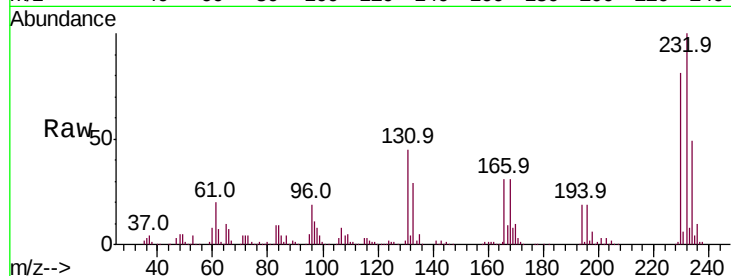




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.490 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.9	56.9
130	2.3	1.8	2.6
166	32.0	25.4	38.0



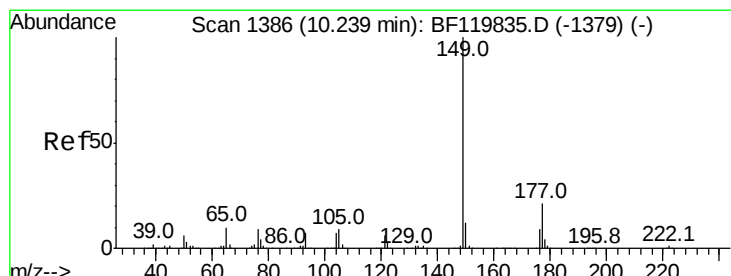
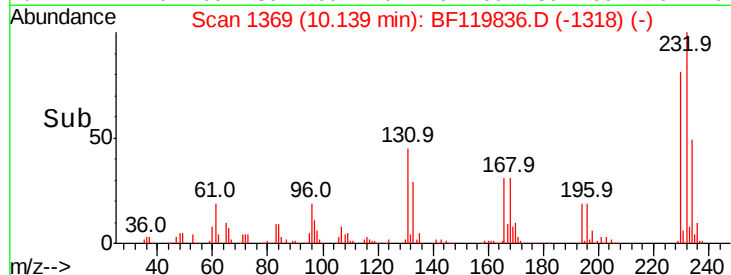
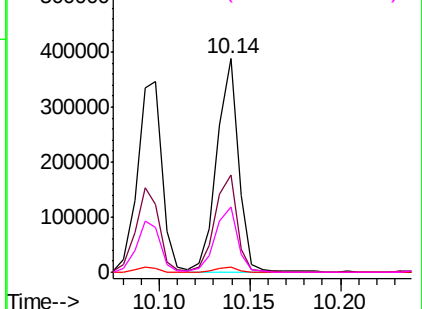
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

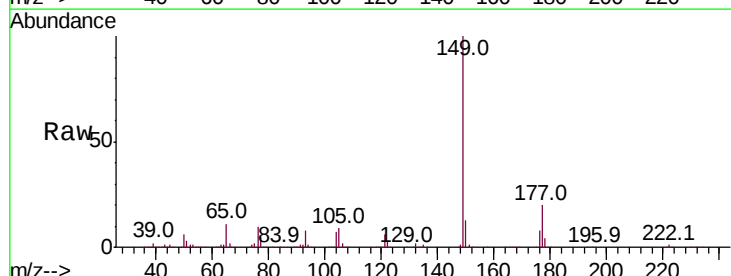
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 54.769 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.8	25.2
150	12.8	9.8	14.6

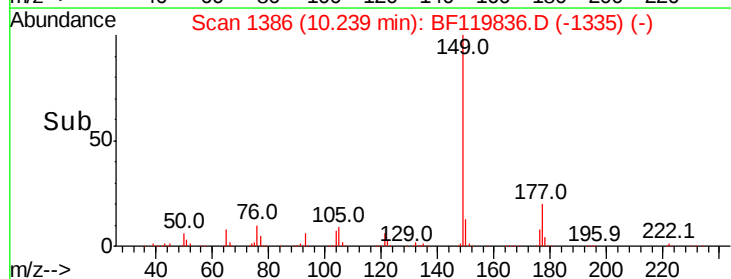
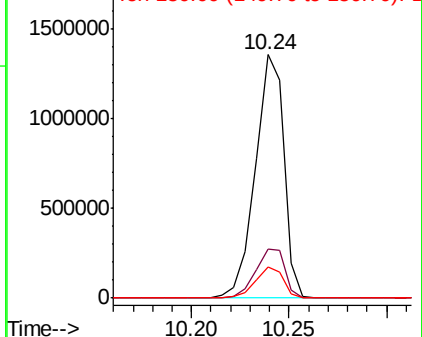


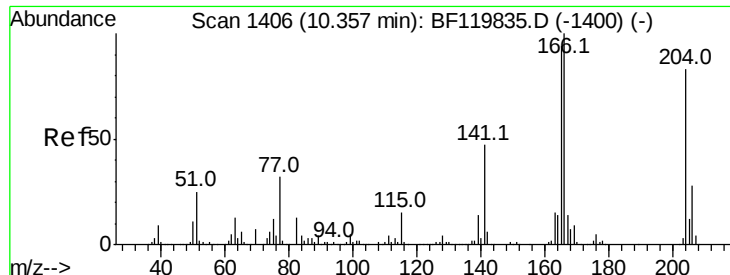
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

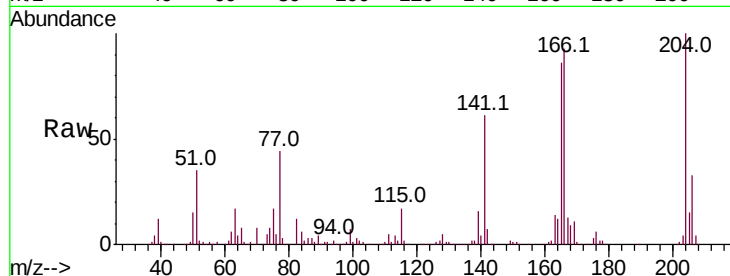




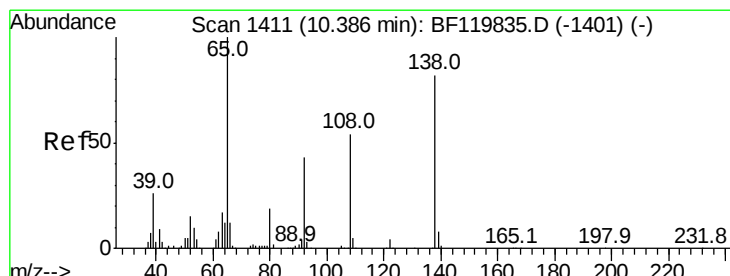
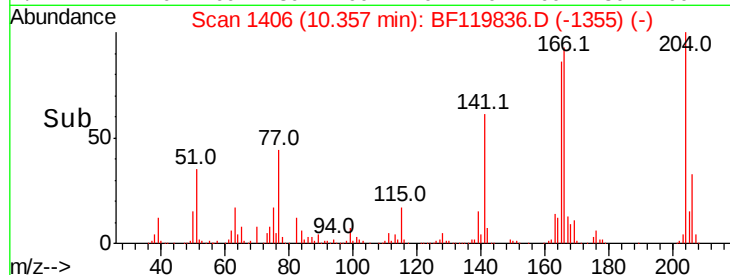
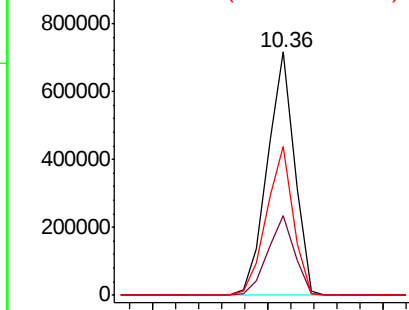
#61
 4-Chlorophenyl-phenylether
 Concen: 51.842 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	585890
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	61.0	45.8	68.8

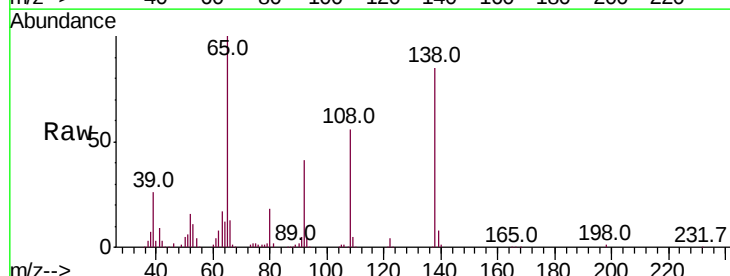


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

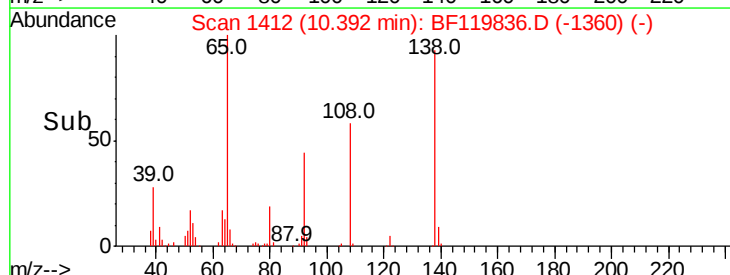
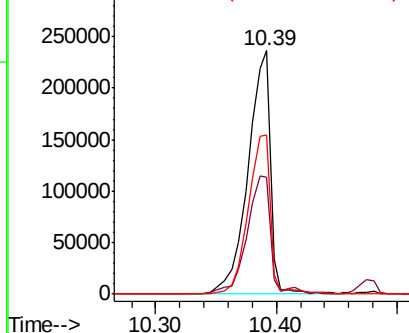


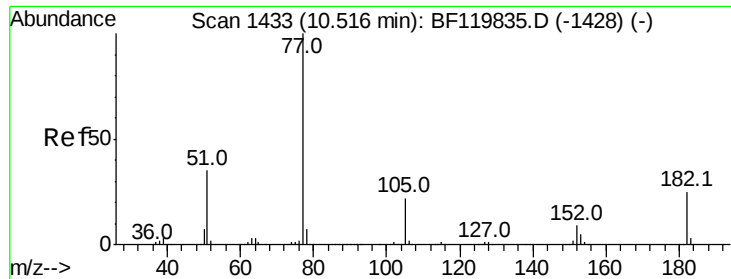
#62
 4-Nitroaniline
 Concen: 47.889 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion:	138	Resp:	308059
Ion	Ratio	Lower	Upper
138	100		
92	48.0	31.6	71.6
108	65.4	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

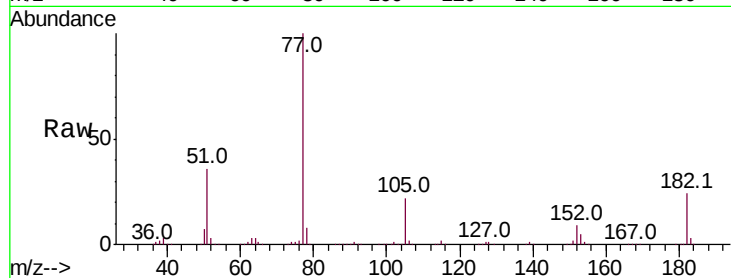




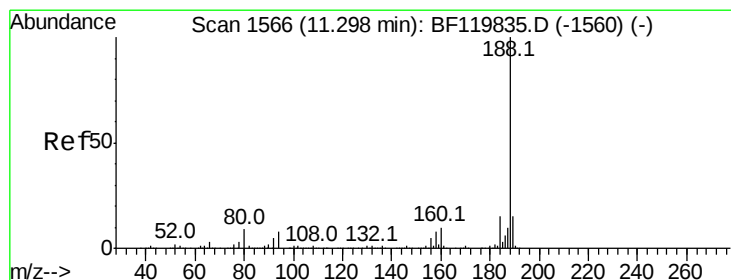
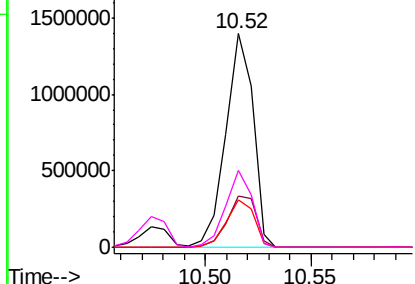
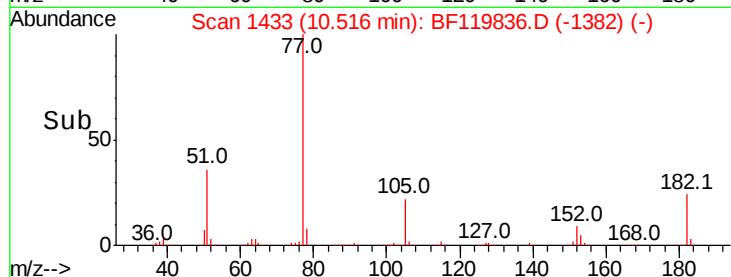
#63
Azobenzene
Concen: 49.157 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1245494
Ion Ratio Lower Upper
77 100
182 24.0 4.5 44.5
105 22.4 2.2 42.2
51 35.7 15.1 55.1

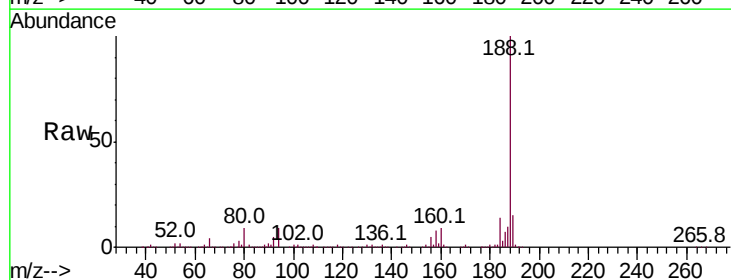


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

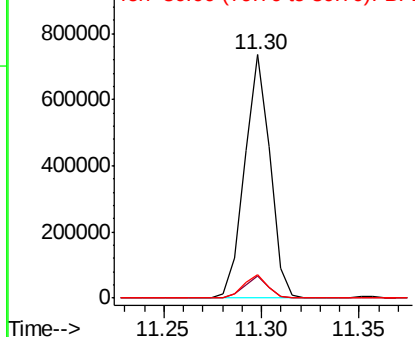
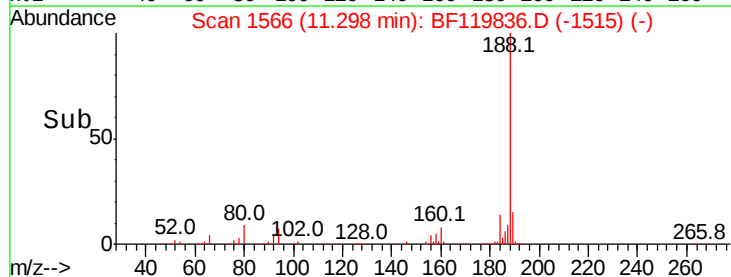


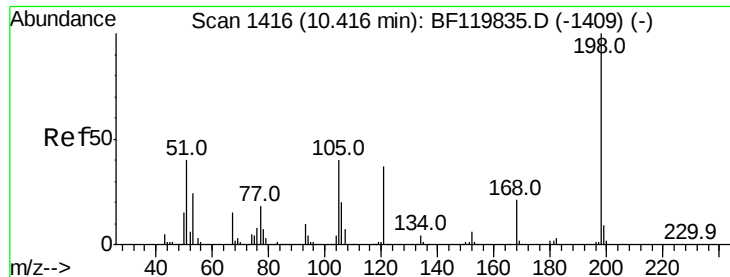
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion: 188 Resp: 663785
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.5 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

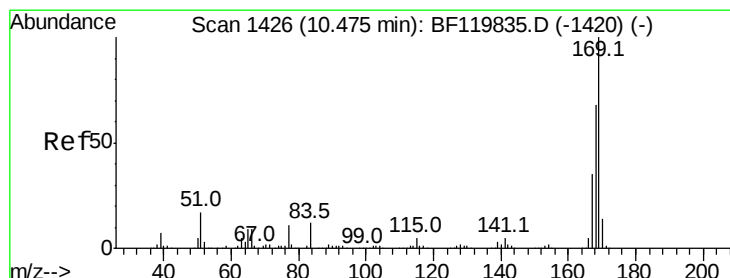
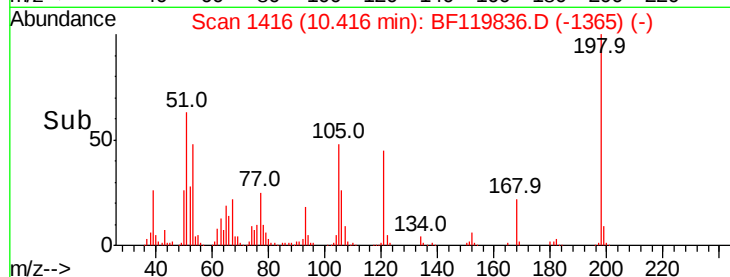
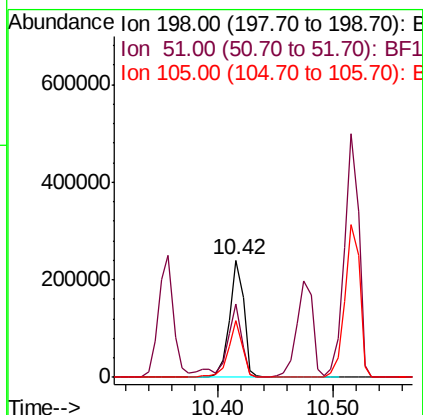
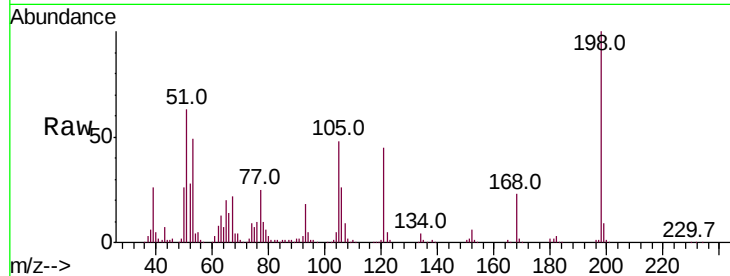




#65
4,6-Dinitro-2-methylphenol
Concen: 74.808 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

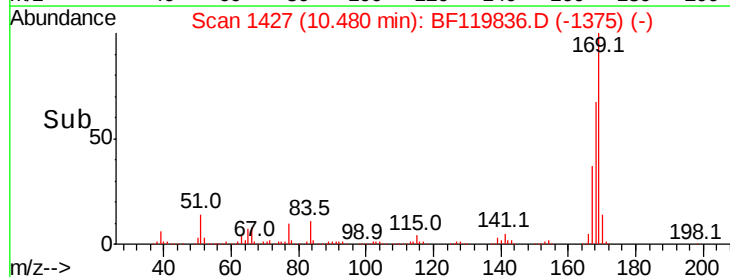
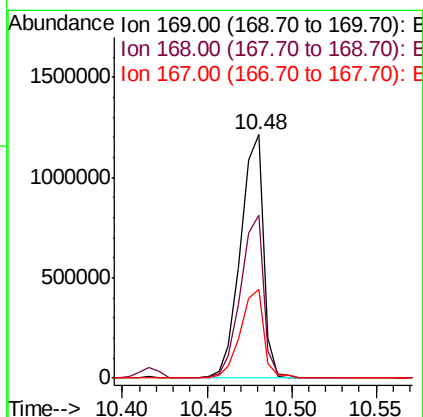
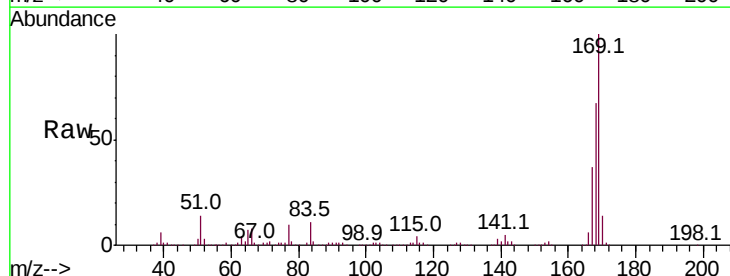
Instrument :
BNA_F
ClientSampled :

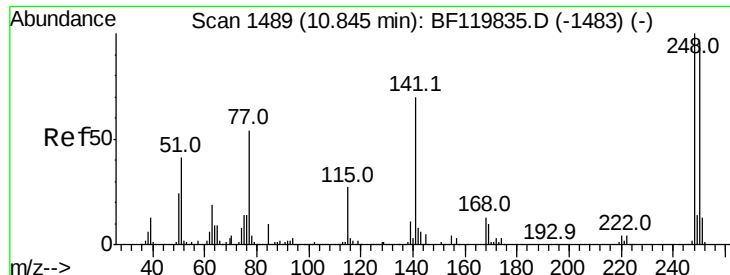
Tot Ion:198 Resp: 208222
Ion Ratio Lower Upper
198 100
51 63.0 25.2 65.2
105 48.0 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 52.887 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:169 Resp: 1152455
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.4
167 36.5 28.3 42.5

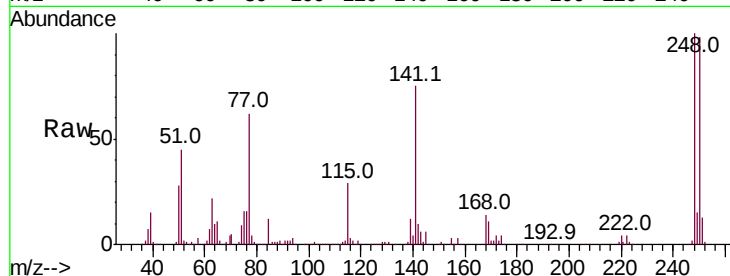




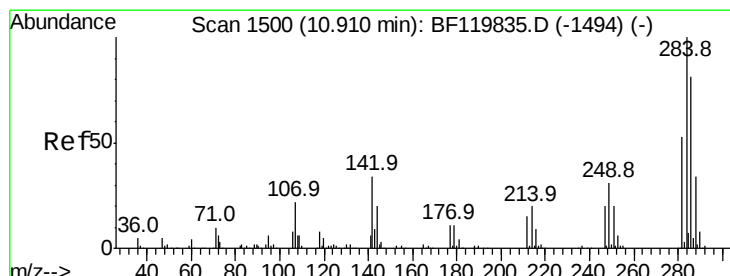
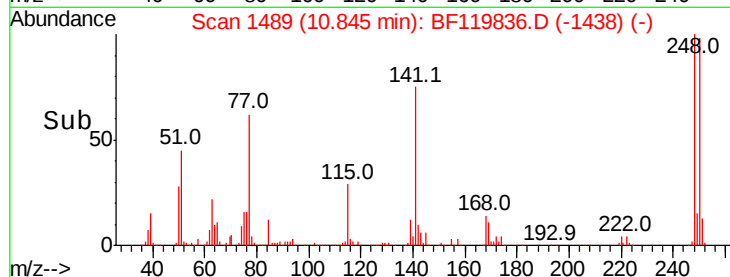
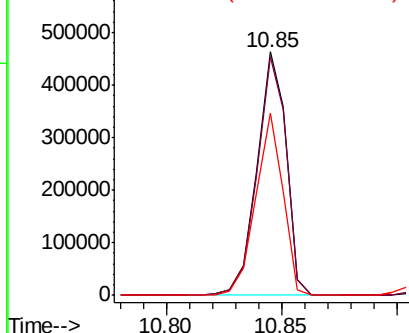
#67
 4-Bromophenyl-phenylether
 Concen: 53.921 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 407624
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.6 114.8
 141 74.7 55.9 83.9

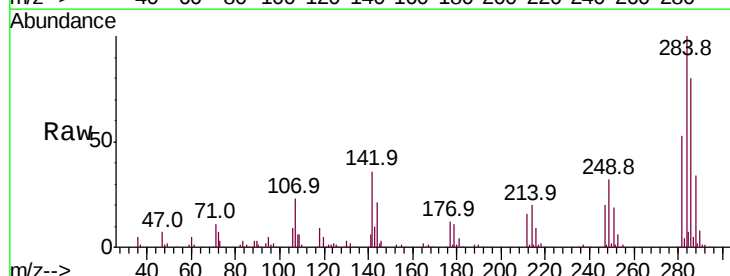


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

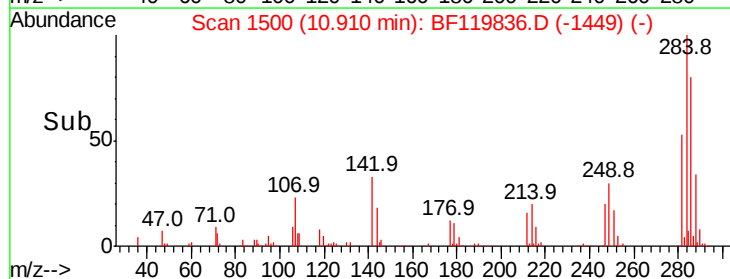
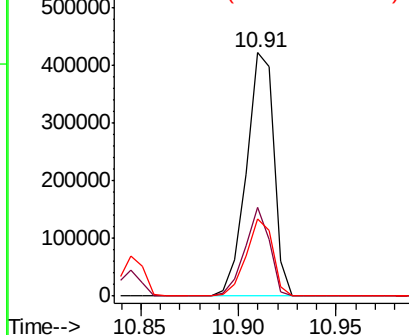


#68
 Hexachlorobenzene
 Concen: 53.427 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion:284 Resp: 413373
 Ion Ratio Lower Upper
 284 100
 142 36.4 26.9 40.3
 249 31.7 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

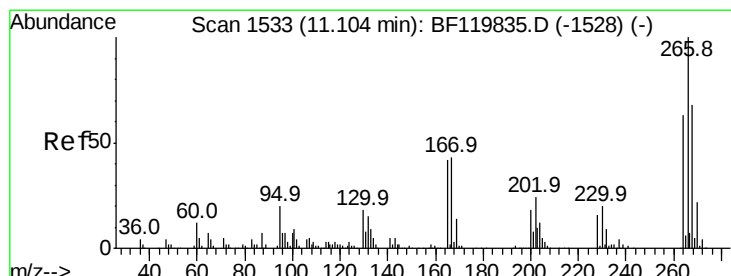
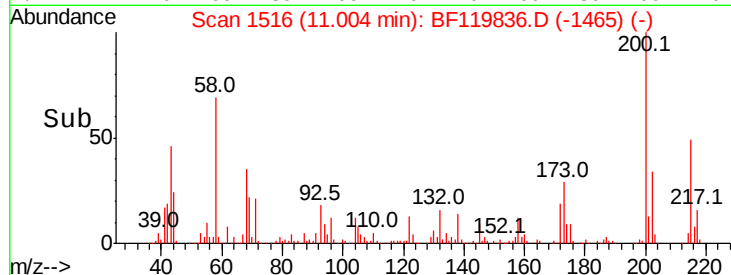
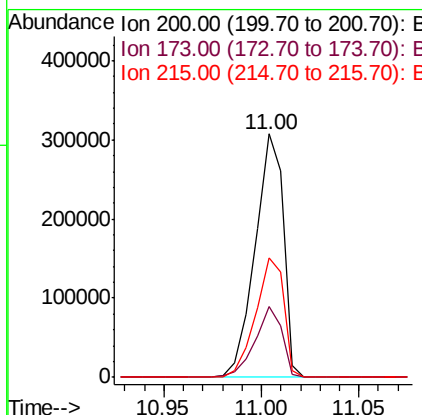
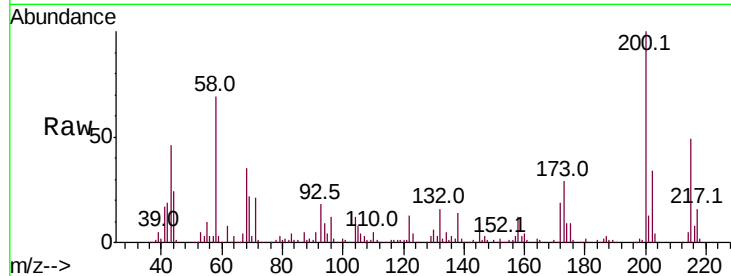




#69
Atrazine
Concen: 51.729 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

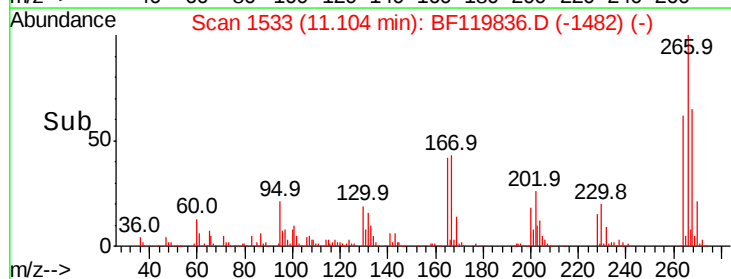
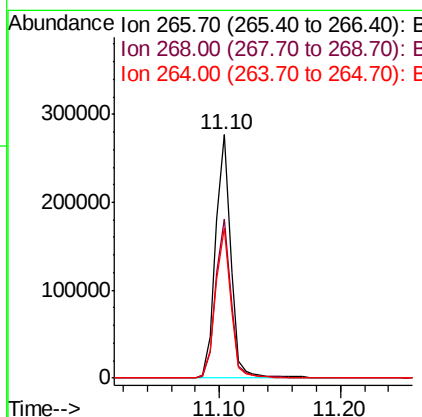
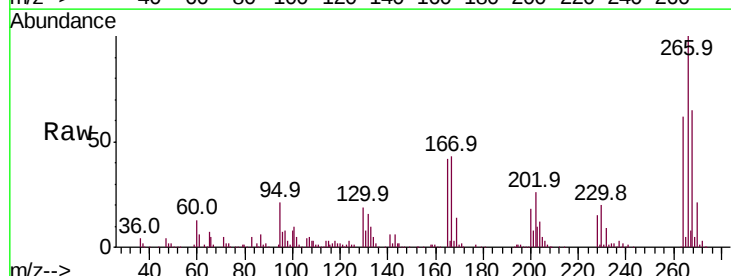
Instrument :
BNA_F
ClientSampleId :

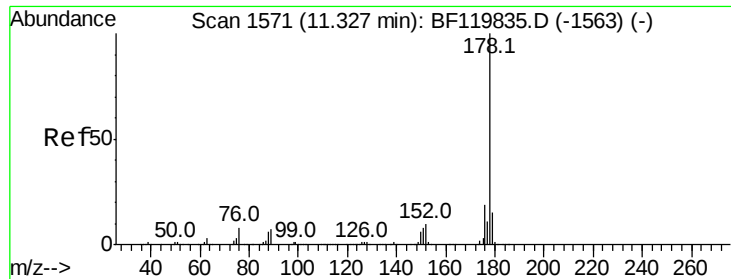
Tot Ion:200 Resp: 309029
Ion Ratio Lower Upper
200 100
173 29.1 8.0 48.0
215 49.2 27.1 67.1



#70
Pentachlorophenol
Concen: 52.859 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:266 Resp: 239804
Ion Ratio Lower Upper
266 100
268 65.4 54.2 81.4
264 61.9 50.6 76.0

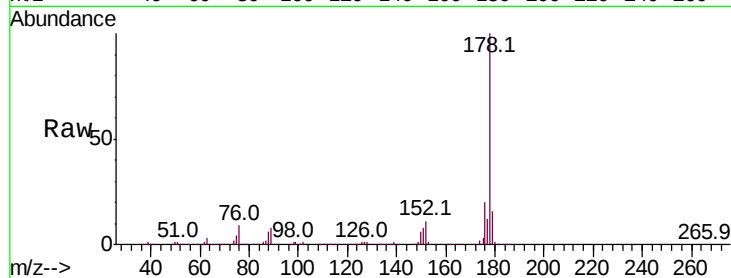




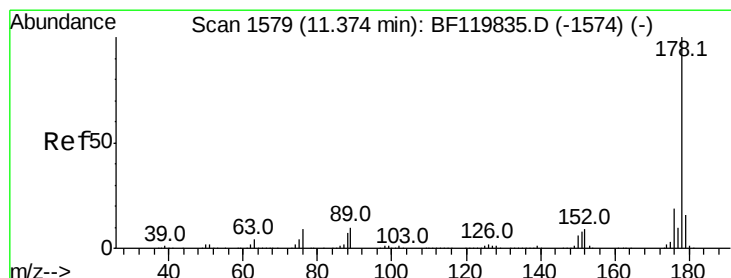
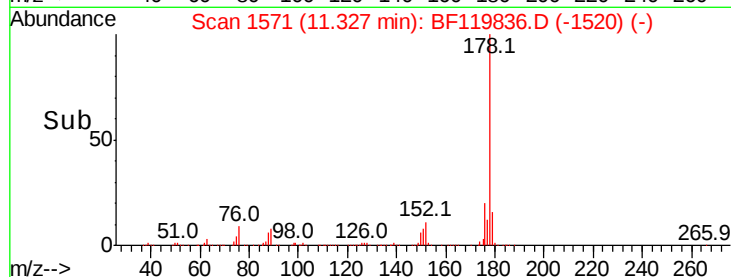
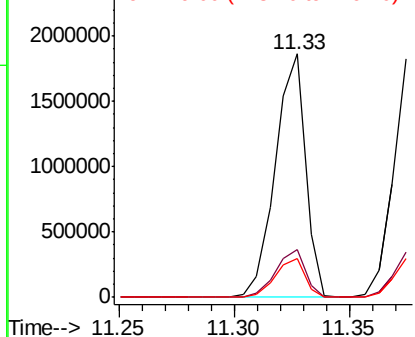
#71
Phenanthrene
Concen: 49.025 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1687394
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.0 12.2 18.4

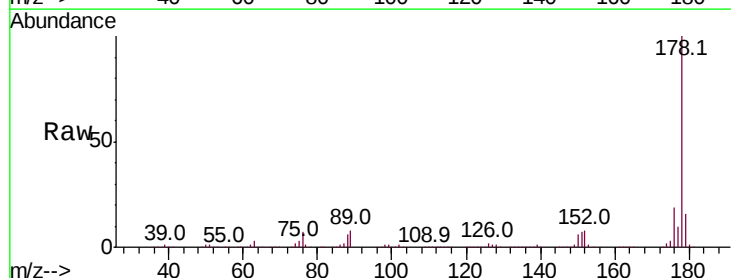


Abundance Ion 178.00 (177.70 to 178.70): E
2500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

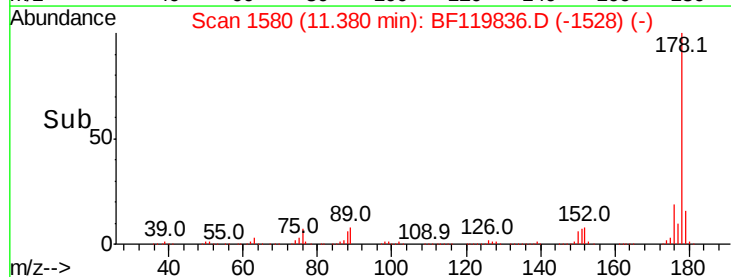
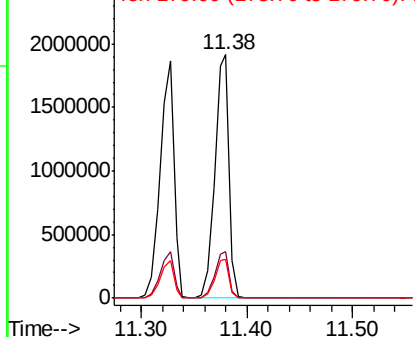


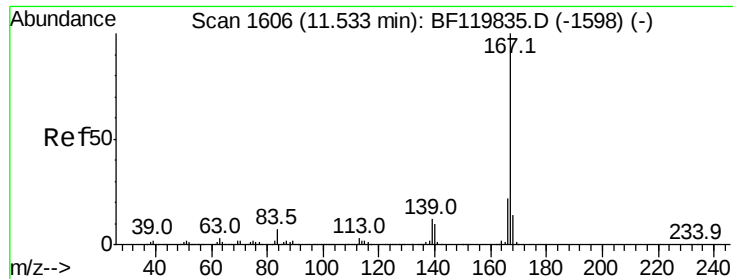
#72
Anthracene
Concen: 52.214 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:178 Resp: 1826510
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
2500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

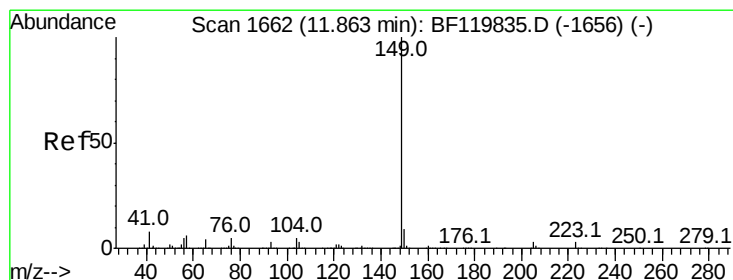
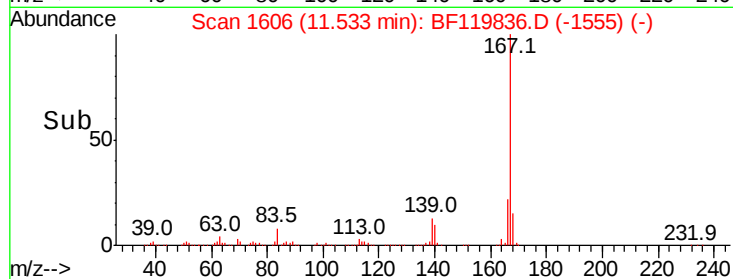
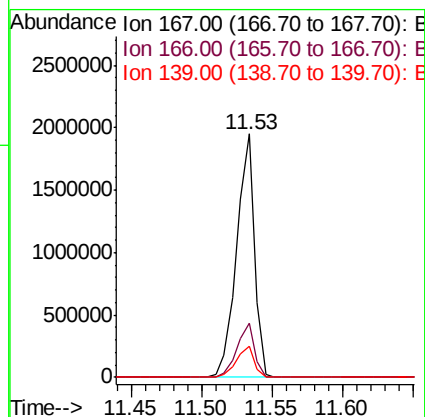
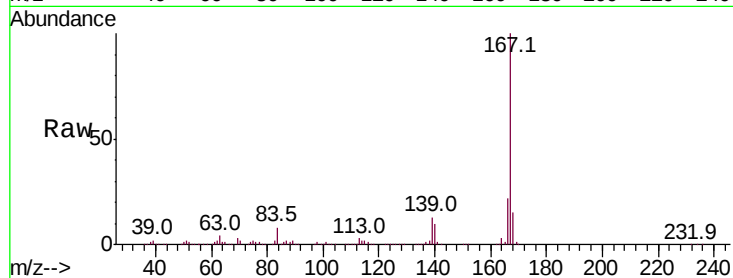




#73
 Carbazole
 Concen: 49.640 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

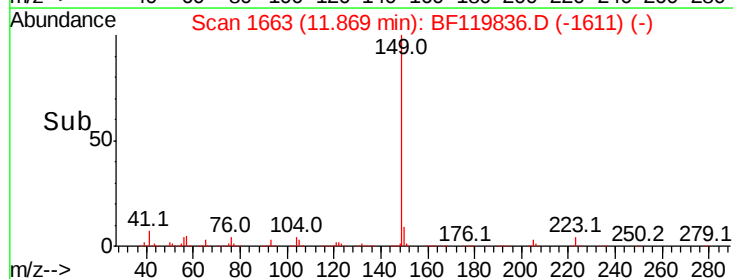
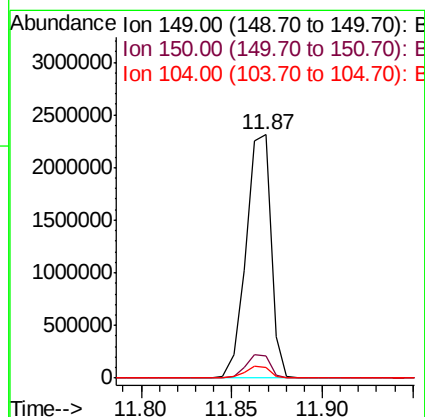
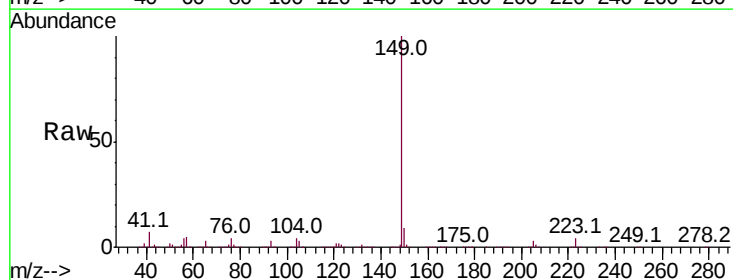
Instrument :
 BNA_F
 ClientSampleId :

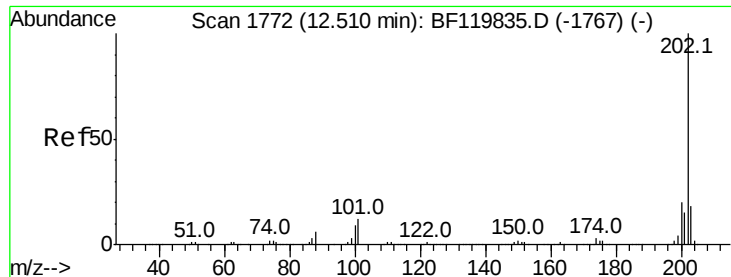
Tot Ion:167 Resp: 1718766
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 12.9 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 59.561 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion:149 Resp: 2206094
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.4 3.8 5.6





#75

Fluoranthene

Concen: 48.007 ng

RT: 12.52 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampled :

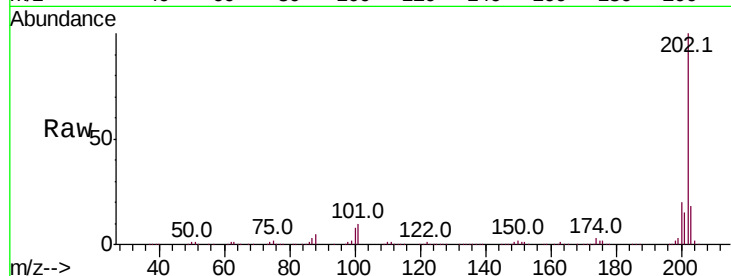
Tot Ion:202 Resp: 1788246

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.3

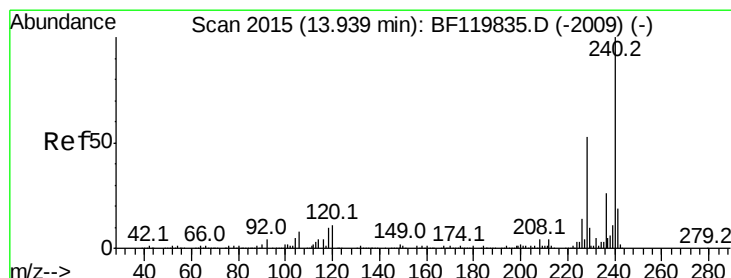
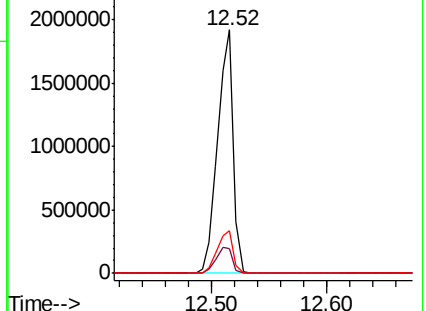
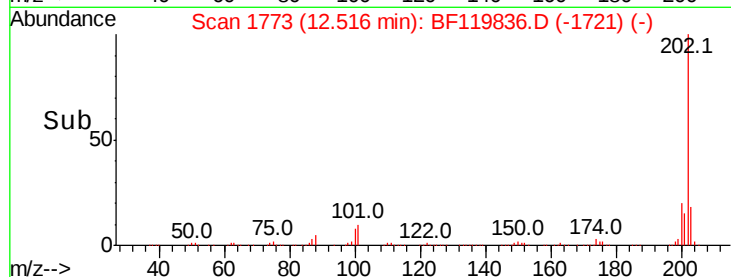
203 17.8 0.0 37.6



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# 2016

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

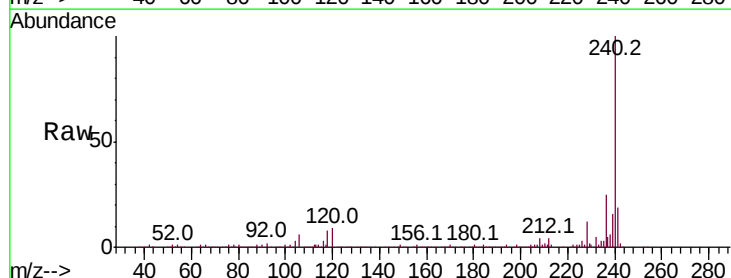
Tgt Ion:240 Resp: 465409

Ion Ratio Lower Upper

240 100

120 8.8 9.0 13.6#

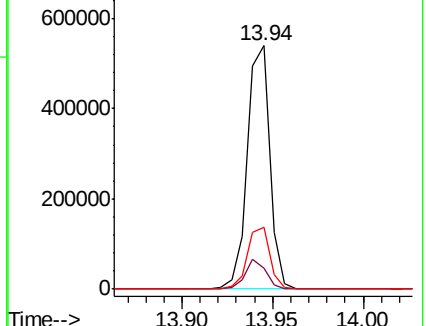
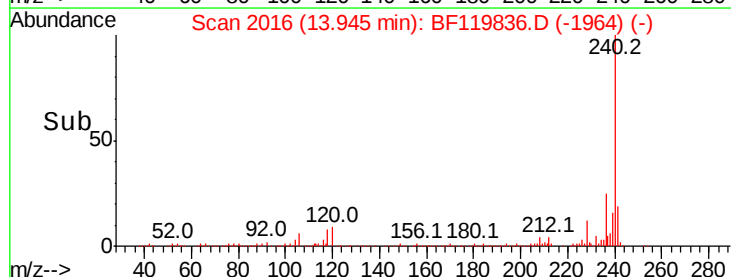
236 25.3 20.7 31.1

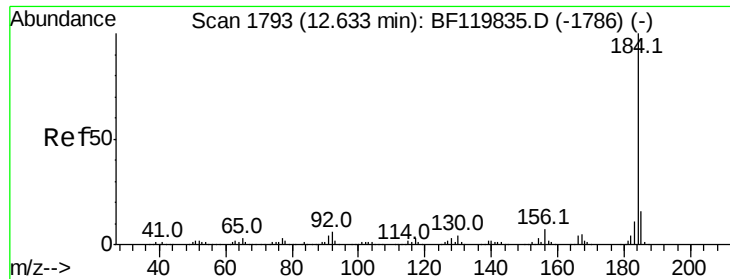


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.251 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

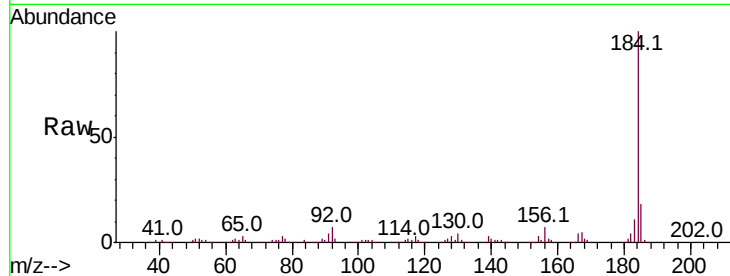
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 654913

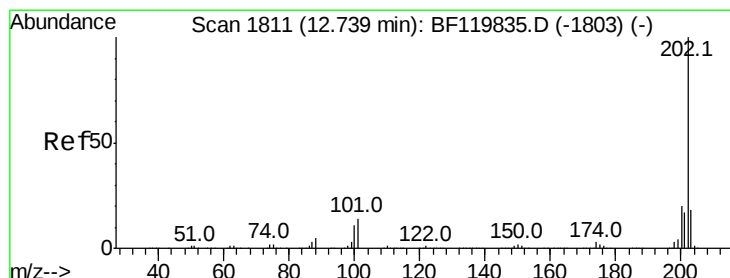
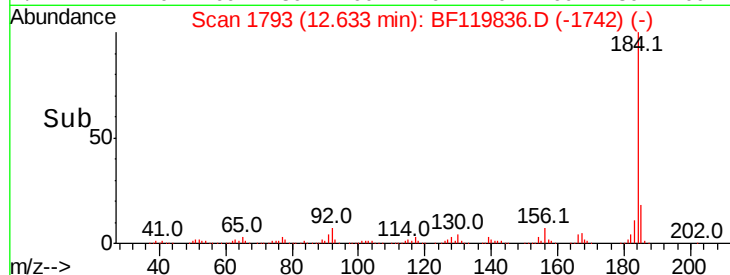
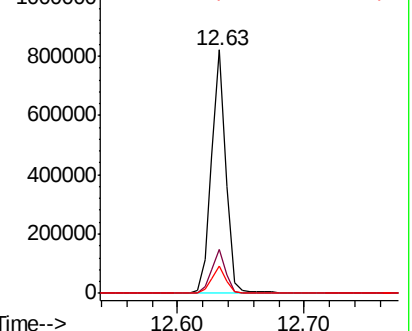
Ion	Ratio	Lower	Upper
184	100		
185	17.9	13.2	19.8
183	11.3	9.1	13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.595 ng

RT: 12.74 min Scan# 1812

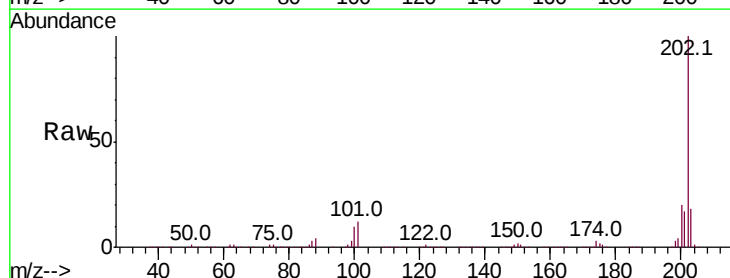
Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Tgt Ion:202 Resp: 1817941

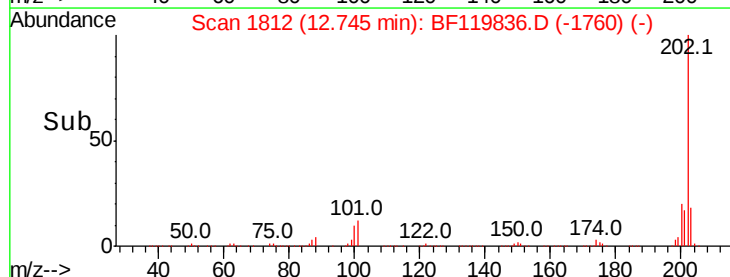
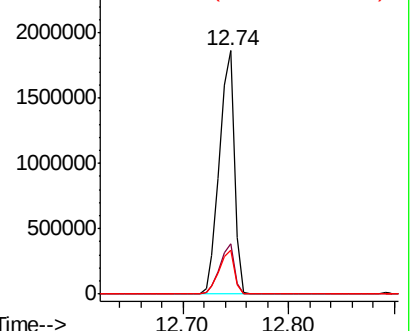
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	17.9	14.1	21.1

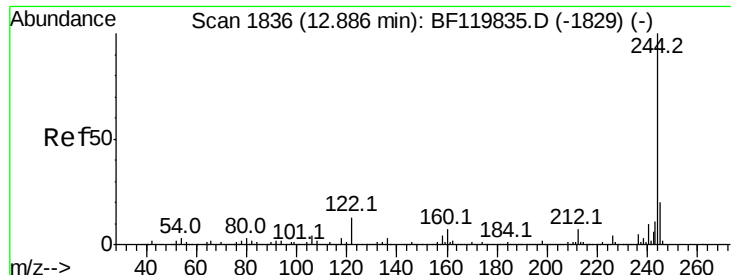


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.467 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

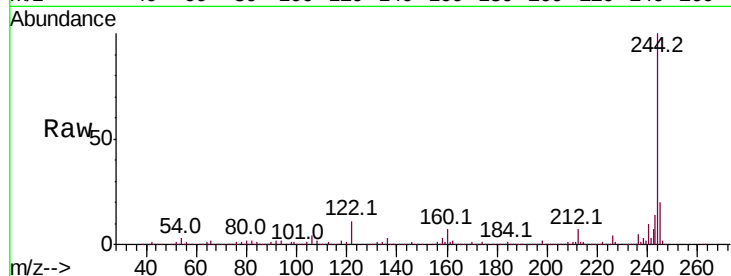
Tot Ion:244 Resp: 2552862

Ion Ratio Lower Upper

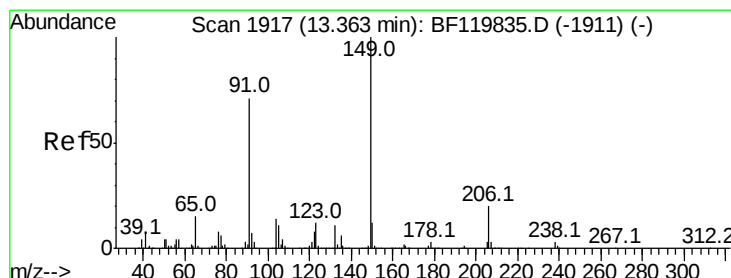
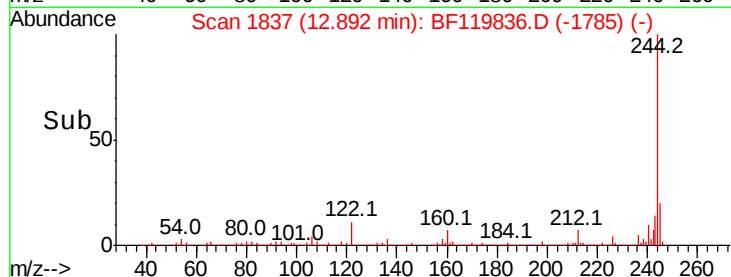
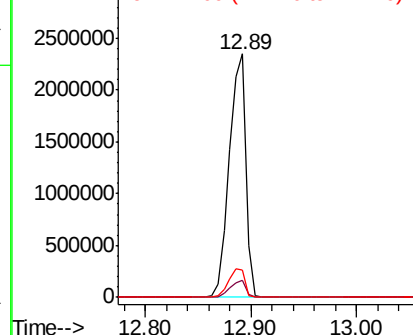
244 100

212 6.9 5.4 8.0

122 11.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.334 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

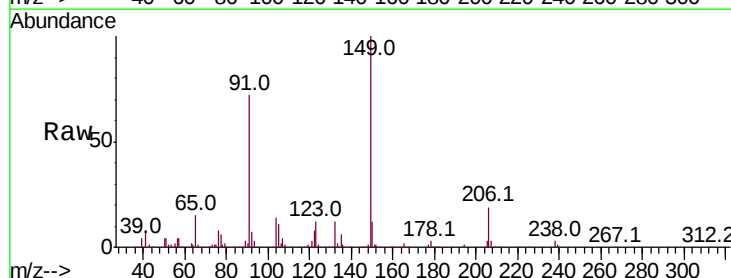
Tgt Ion:149 Resp: 885724

Ion Ratio Lower Upper

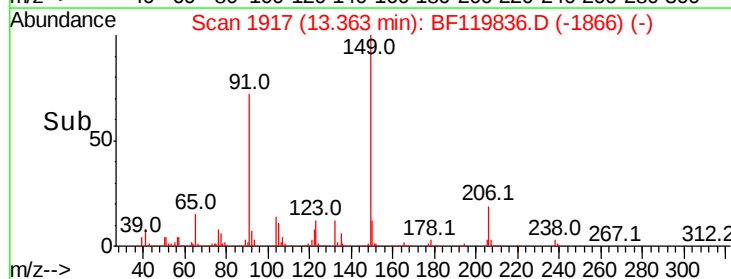
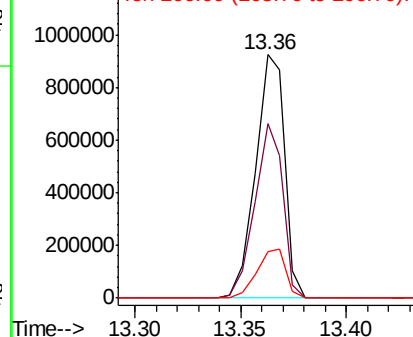
149 100

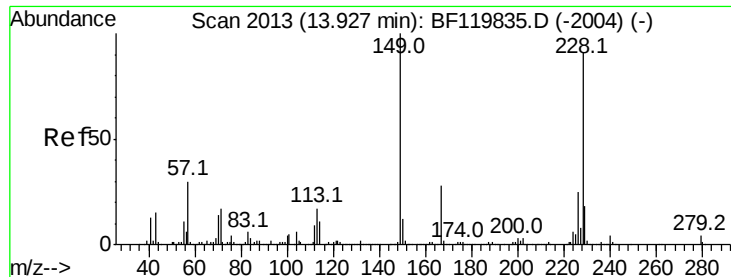
91 71.8 56.7 85.1

206 19.3 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

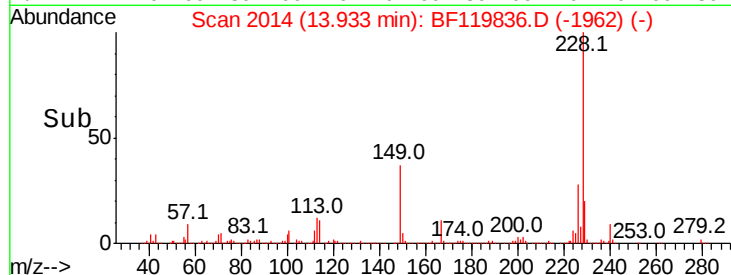
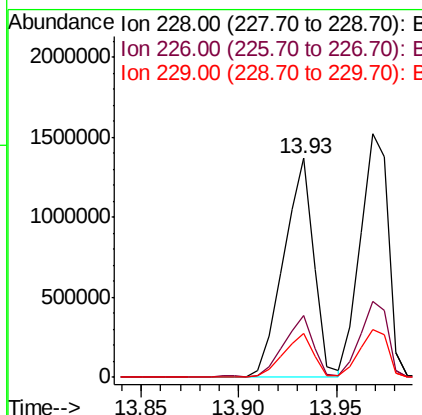
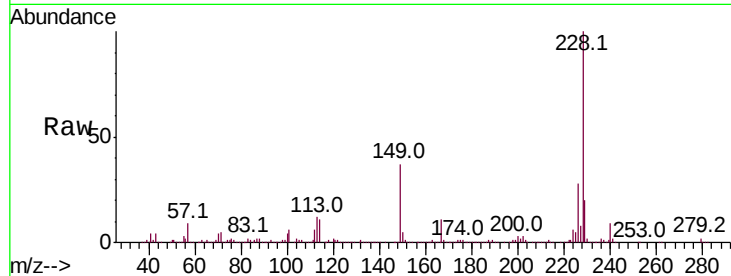




#81
Benzo(a)anthracene
Concen: 48.407 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

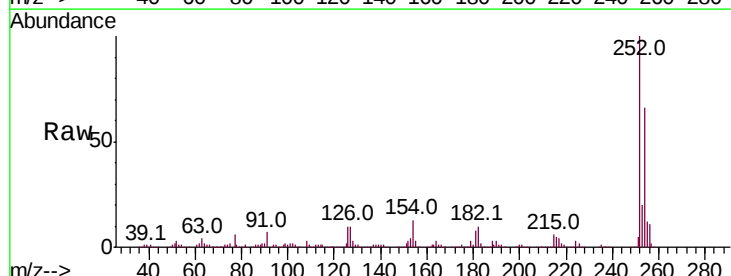
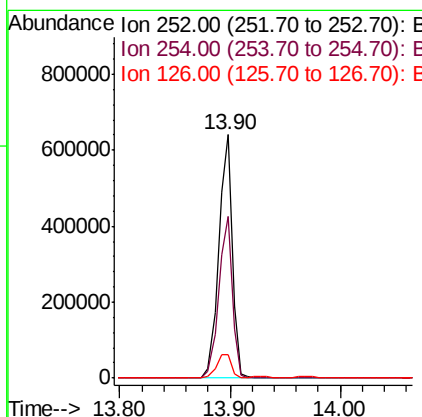
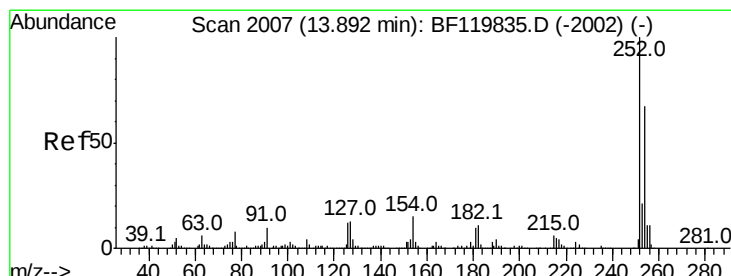
Instrument :
BNA_F
ClientSampleId :

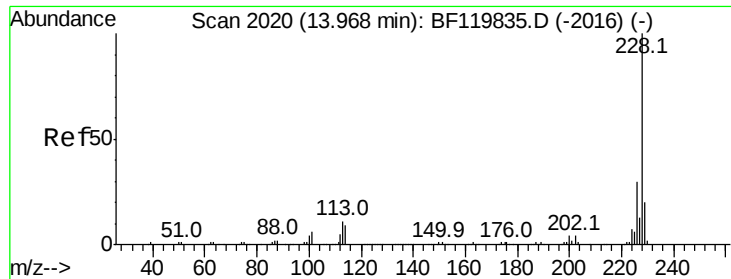
Tot Ion:228 Resp: 1465036
Ion Ratio Lower Upper
228 100
226 28.1 21.9 32.9
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 45.675 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:252 Resp: 545049
Ion Ratio Lower Upper
252 100
254 66.3 53.9 80.9
126 9.8 9.7 14.5

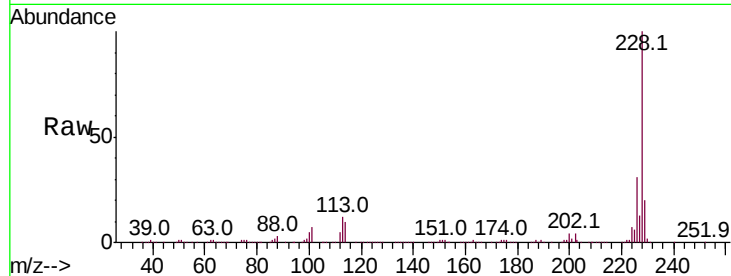




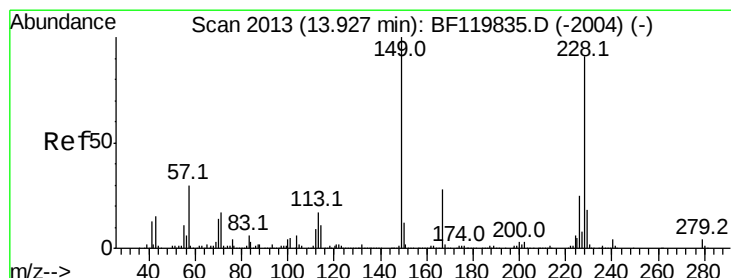
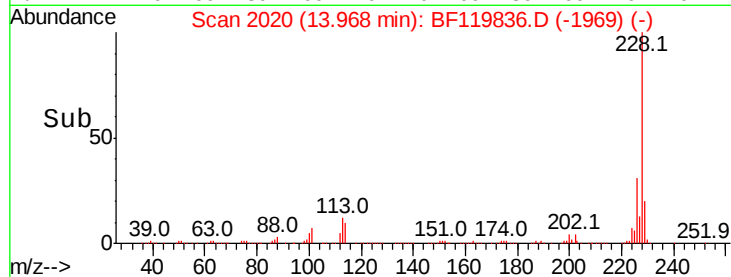
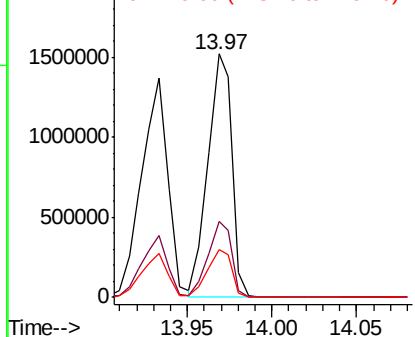
#83
 Chrvsene
 Concen: 48.496 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1514761
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.2 36.2
 229 19.6 15.9 23.9

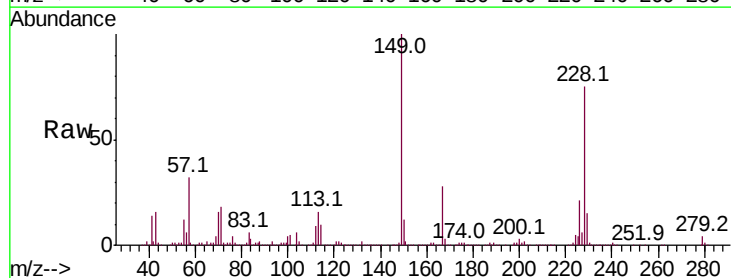


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

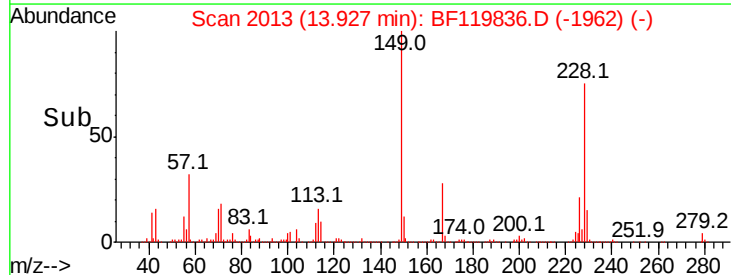
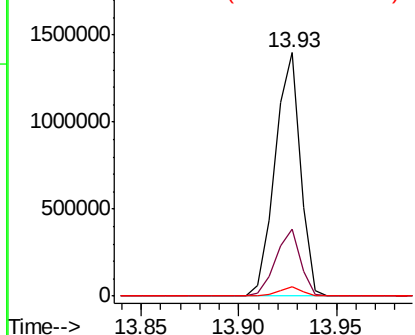


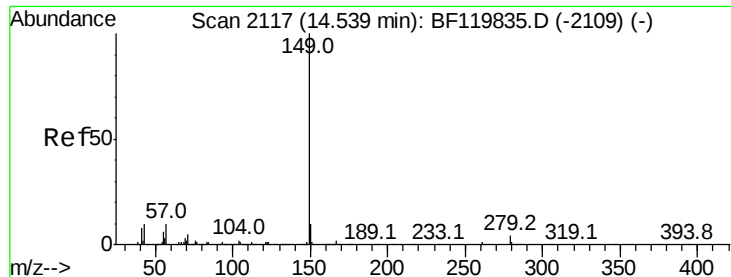
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 68.444 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF119836.D
 Acq: 8 Apr 2020 20:35

Tgt Ion:149 Resp: 1260444
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.2
 279 3.8 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: 68.582 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

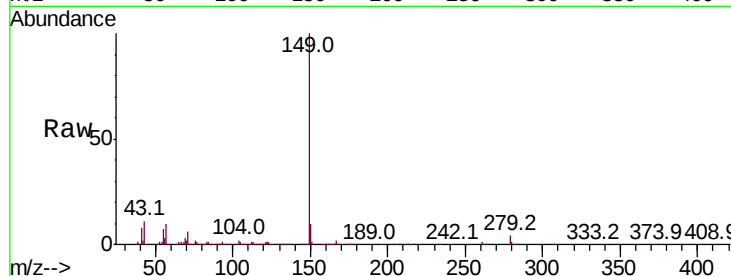
Tot Ion:149 Resp: 2221230

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

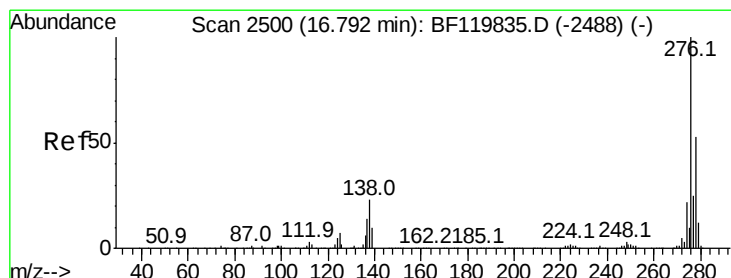
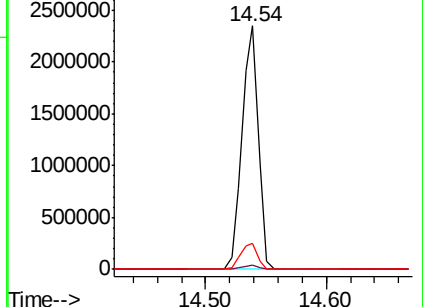
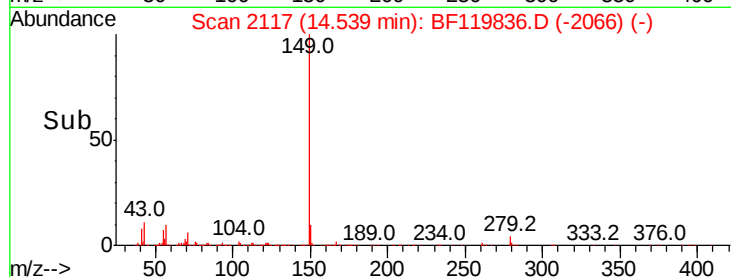
43 11.4 9.2 13.8



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: 44.366 ng

RT: 16.80 min Scan# 2501

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

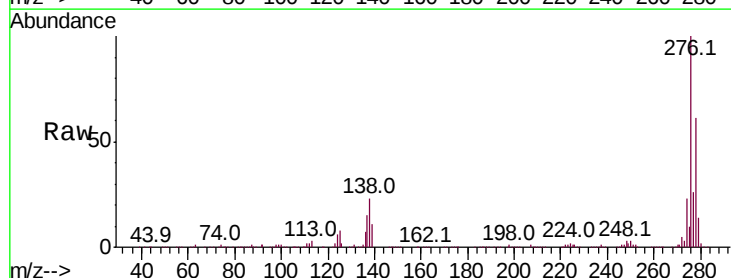
Tgt Ion:276 Resp: 1305115

Ion Ratio Lower Upper

276 100

138 22.6 18.0 27.0

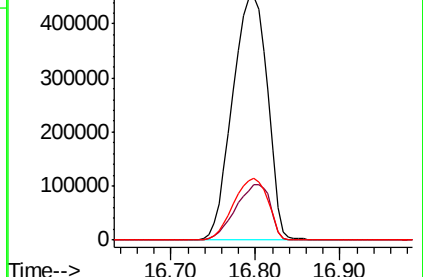
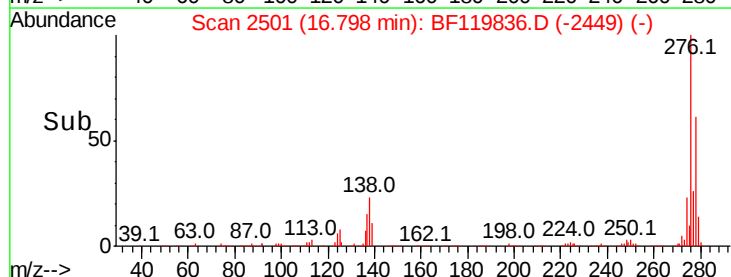
277 25.1 20.1 30.1

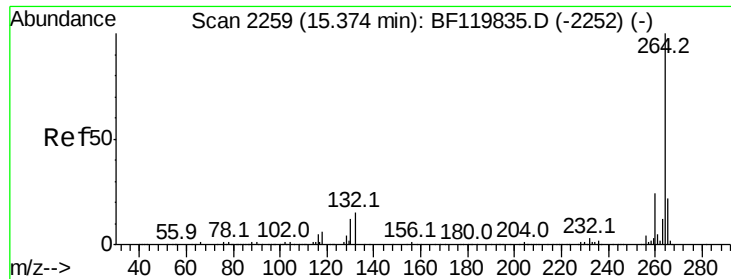


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

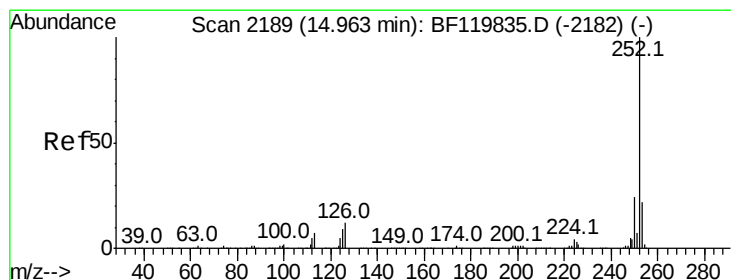
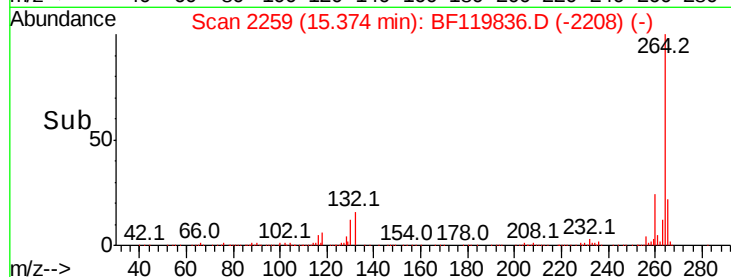
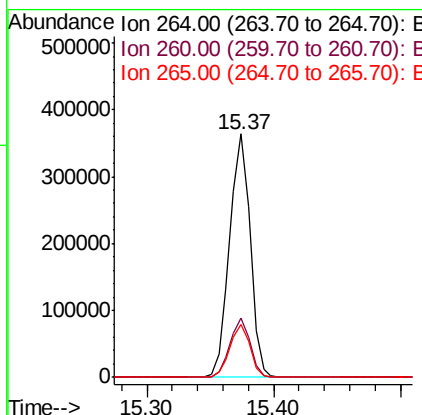
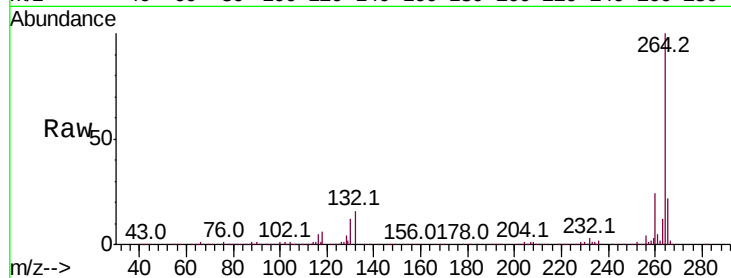




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

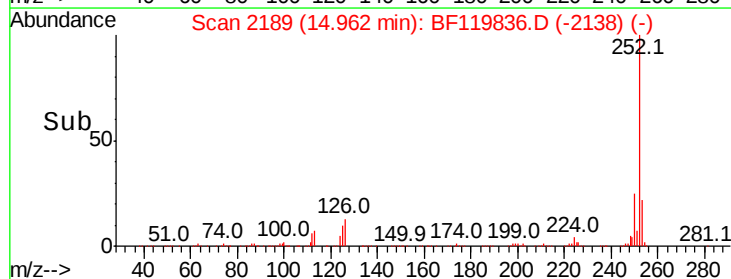
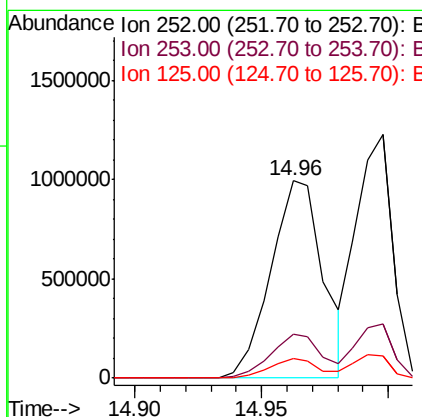
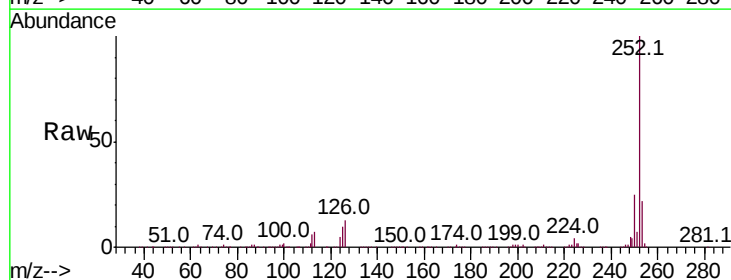
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 407775
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 52.944 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:252 Resp: 1442159
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.0 7.4 11.2

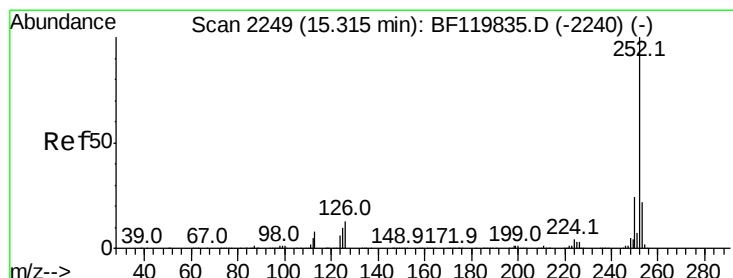
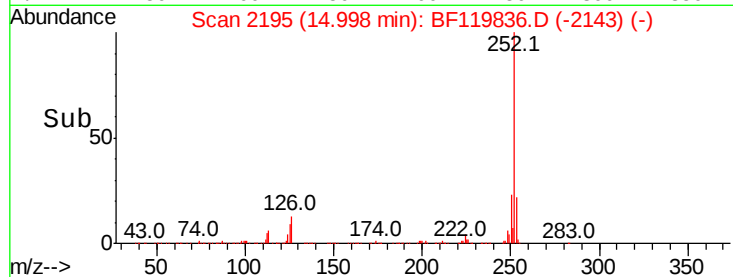
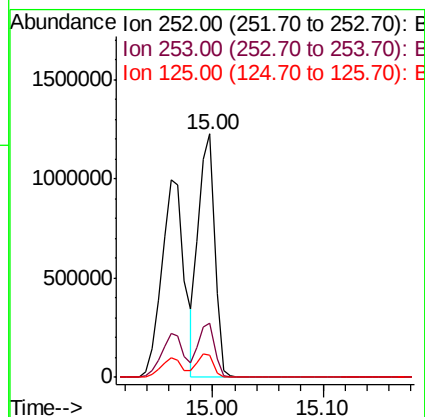
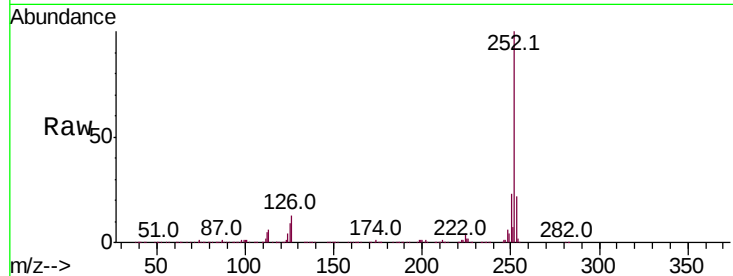




#89
Benzo(k)fluoranthene
Concen: 47.704 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

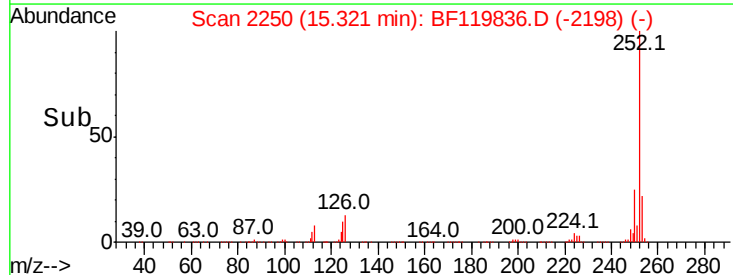
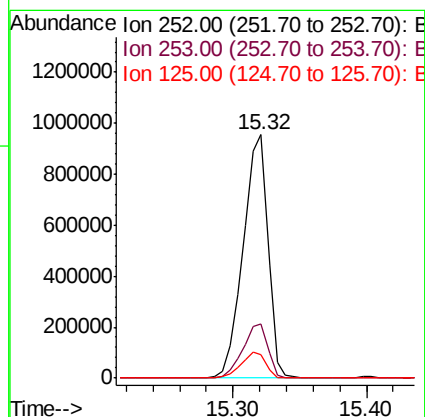
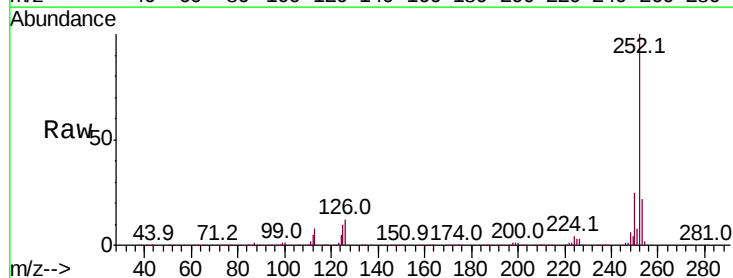
Instrument :
BNA_F
ClientSampleId :

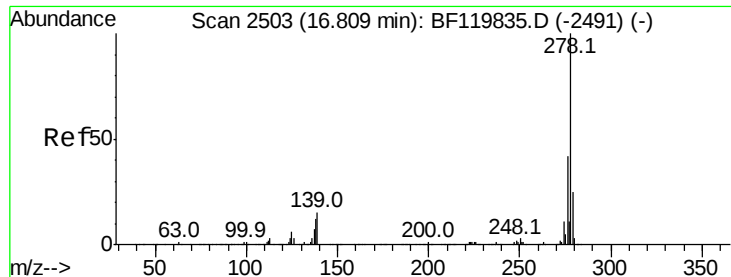
Tot Ion:252 Resp: 1237321
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.598 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119836.D
Acq: 8 Apr 2020 20:35

Tgt Ion:252 Resp: 1227784
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 50.376 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

Instrument :

BNA_F

ClientSampleId :

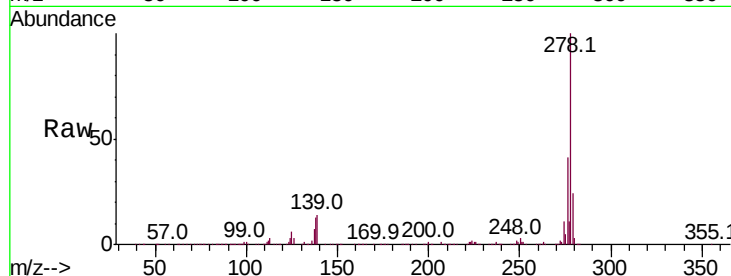
Tot Ion:278 Resp: 1090752

Ion Ratio Lower Upper

278 100

139 14.4 11.6 17.4

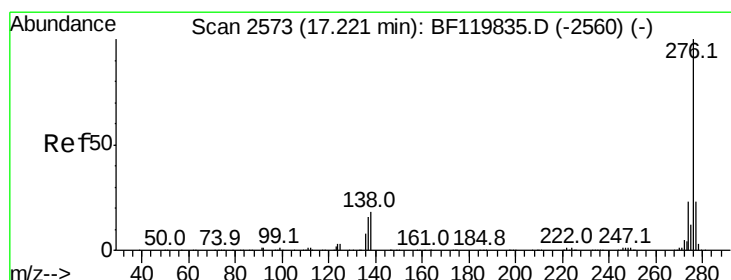
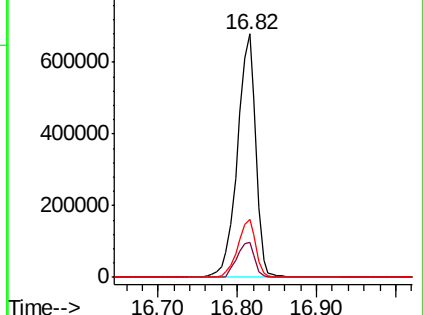
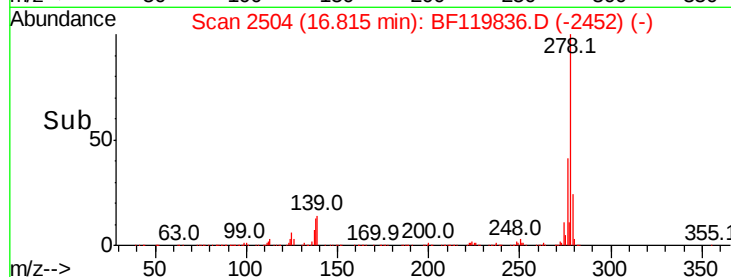
279 23.7 19.7 29.5



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: 47.462 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BF119836.D

Acq: 8 Apr 2020 20:35

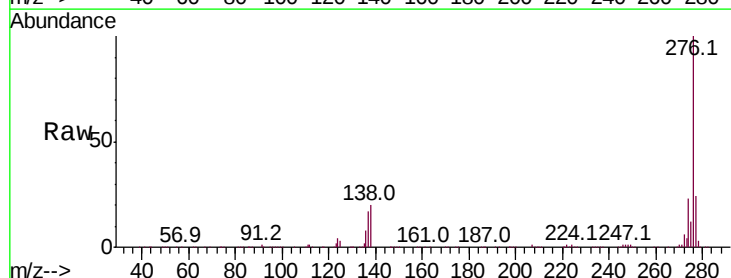
Tgt Ion:276 Resp: 1032399

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 19.9 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

