

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119834.D
 Acq On : 8 Apr 2020 19:41
 Operator : MA/SJ
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 08 22:01:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 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	178040	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	689457	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	361825	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	746542	20.00	ng	0.00
76) Chrysene-d12	13.94	240	526379	20.00	ng	0.00
87) Perylene-d12	15.37	264	496752	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	458143	40.96	ng	0.00
7) Phenol-d6	6.40	99	579357	40.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	577728	45.54	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	190582	51.06	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1109639	45.43	ng	0.00
79) Terphenyl-d14	12.89	244	1346247	50.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	98424	17.818	ng	98
3) Pyridine	3.16	79	260616	17.126	ng	94
4) n-Nitrosodimethylamine	3.10	42	131700	17.747	ng	98
6) Aniline	6.43	93	388282	19.692	ng	97
8) 2-Chlorophenol	6.55	128	249665	21.254	ng	99
9) Benzaldehyde	6.31	77	178667	19.714	ng	97
10) Phenol	6.41	94	328144	21.526	ng	90
11) bis(2-Chloroethyl)ether	6.50	93	251371	20.617	ng	96
12) 1,3-Dichlorobenzene	6.70	146	275303	21.655	ng	98
13) 1,4-Dichlorobenzene	6.79	146	281084	22.104	ng	98
14) 1,2-Dichlorobenzene	6.94	146	259001	21.790	ng	97
15) Benzyl Alcohol	6.91	79	227263	21.147	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	483625	19.665	ng	99
17) 2-Methylphenol	7.02	107	215010	19.978	ng	96
18) Hexachloroethane	7.28	117	102500	21.995	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	185616	21.555	ng	97
20) 3+4-Methylphenols	7.17	107	281605	21.350	ng	96
22) Acetophenone	7.18	105	340926	20.694	ng	# 97
24) Nitrobenzene	7.35	77	293960	21.683	ng	98
25) Isophorone	7.59	82	513989	19.973	ng	99
26) 2-Nitrophenol	7.67	139	137004	25.665	ng	94
27) 2,4-Dimethylphenol	7.70	122	205985	18.662	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	317399	20.858	ng	99
29) 2,4-Dichlorophenol	7.91	162	214849	21.184	ng	100
30) 1,2,4-Trichlorobenzene	7.99	180	245519	21.890	ng	97
31) Naphthalene	8.07	128	762097	21.479	ng	99
32) Benzoic acid	7.81	122	176035	24.793	ng	97
33) 4-Chloroaniline	8.12	127	331350	20.381	ng	99
34) Hexachlorobutadiene	8.20	225	147921	23.571	ng	98
35) Caprolactam	8.48	113	65692	19.791	ng	# 87
36) 4-Chloro-3-methylphenol	8.60	107	241671	21.802	ng	98
37) 2-Methylnaphthalene	8.77	142	531225	22.814	ng	99
38) 1-Methylnaphthalene	8.87	142	491872	22.317	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	233926	22.057	ng	99

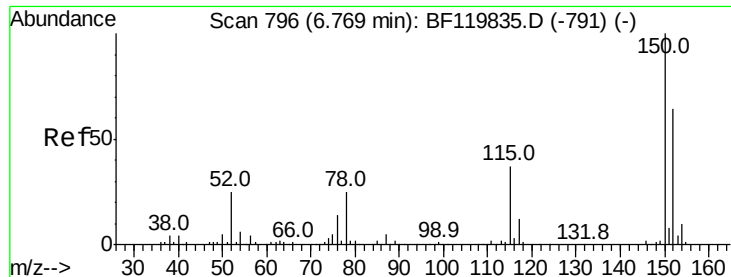
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119834.D
 Acq On : 8 Apr 2020 19:41
 Operator : MA/SJ
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Quant Time: Apr 08 22:01:10 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 21:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	127433	21.136	ng	96
43) 2,4,6-Trichlorophenol	9.05	196	161144	21.233	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	181689	21.370	ng	100
46) 1,1'-Biphenyl	9.23	154	647318	21.966	ng	100
47) 2-Chloronaphthalene	9.26	162	502192	21.756	ng	98
48) 2-Nitroaniline	9.35	65	182143	22.861	ng	99
49) Acenaphthylene	9.67	152	795664	21.950	ng	99
50) Dimethylphthalate	9.53	163	588664	22.905	ng	100
51) 2,6-Dinitrotoluene	9.59	165	128225	23.277	ng	99
52) Acenaphthene	9.85	154	508418	22.498	ng	97
53) 3-Nitroaniline	9.76	138	143671	20.658	ng	96
54) 2,4-Dinitrophenol	9.87	184	70561	34.940	ng	97
55) Dibenzofuran	10.02	168	775566	23.937	ng	99
56) 4-Nitrophenol	9.92	139	107116	19.524	ng	91
57) 2,4-Dinitrotoluene	10.00	165	187295	26.989	ng	93
58) Fluorene	10.36	166	586254	24.469	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	156749	24.665	ng	100
60) Diethylphthalate	10.23	149	653130	25.039	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	300680	25.663	ng	97
62) 4-Nitroaniline	10.37	138	151418	22.704	ng	97
63) Azobenzene	10.51	77	559498	21.300	ng	97
65) 4,6-Dinitro-2-methylphenol	10.40	198	96373	30.786	ng	84
66) n-Nitrosodiphenylamine	10.47	169	487789	19.903	ng	99
67) 4-Bromophenyl-phenylether	10.85	248	189785	22.322	ng	93
68) Hexachlorobenzene	10.91	284	191050	21.955	ng	94
69) Atrazine	11.00	200	142658	21.233	ng	97
70) Pentachlorophenol	11.10	266	113531	22.251	ng	98
71) Phenanthrene	11.32	178	837454	21.634	ng	100
72) Anthracene	11.37	178	856804	21.778	ng	99
73) Carbazole	11.53	167	769464	19.759	ng	100
74) Di-n-butylphthalate	11.86	149	1025098	24.608	ng	100
75) Fluoranthene	12.51	202	924533	22.069	ng	97
77) Benzidine	12.63	184	385845	17.321	ng	99
78) Pyrene	12.74	202	877925	20.323	ng	99
80) Butylbenzylphthalate	13.36	149	444601	25.446	ng	94
81) Benzo(a)anthracene	13.93	228	736536	21.518	ng	99
82) 3,3'-Dichlorobenzidine	13.89	252	285487	21.153	ng	# 95
83) Chrysene	13.96	228	742201	21.010	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	599321	28.774	ng	99
85) Di-n-octyl phthalate	14.53	149	1090678	29.775	ng	99
86) Indeno(1,2,3-cd)pyrene	16.78	276	649351	19.517	ng	99
88) Benzo(b)fluoranthene	14.96	252	747983	22.541	ng	99
89) Benzo(k)fluoranthene	14.99	252	640478	20.270	ng	100
90) Benzo(a)pyrene	15.31	252	635999	21.090	ng	99
91) Dibenzo(a,h)anthracene	16.80	278	539819	20.466	ng	99
92) Benzo(g,h,i)perylene	17.21	276	496348	18.731	ng	98

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

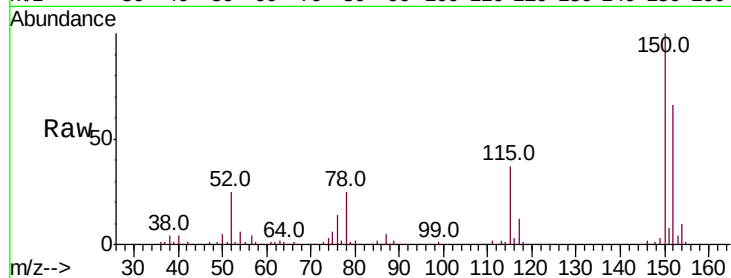


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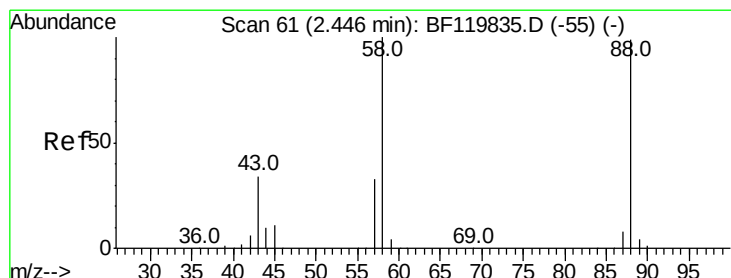
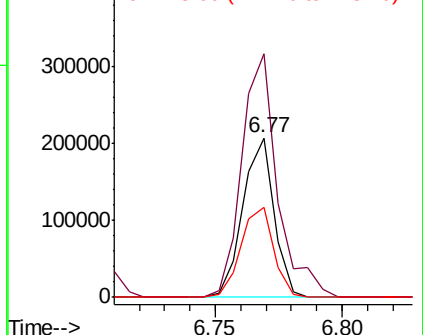
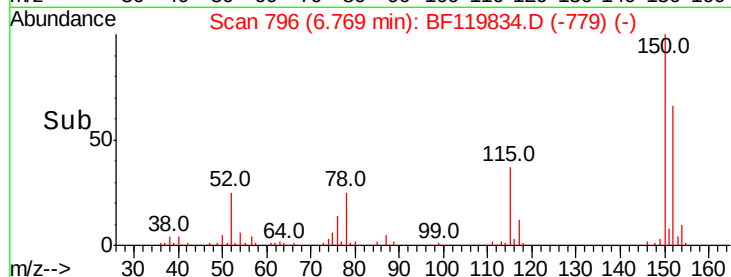
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178040
Ion Ratio Lower Upper
152 100
150 152.5 124.8 187.2
115 56.5 46.5 69.7



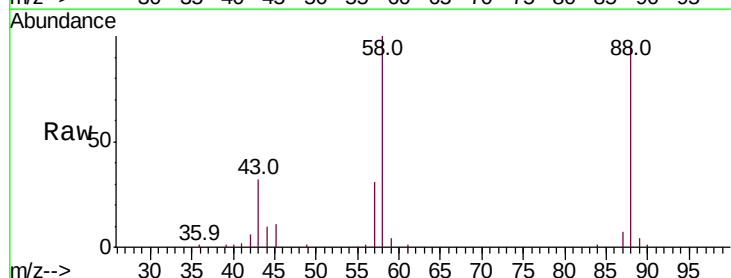
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



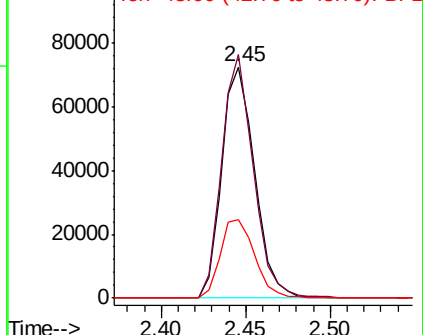
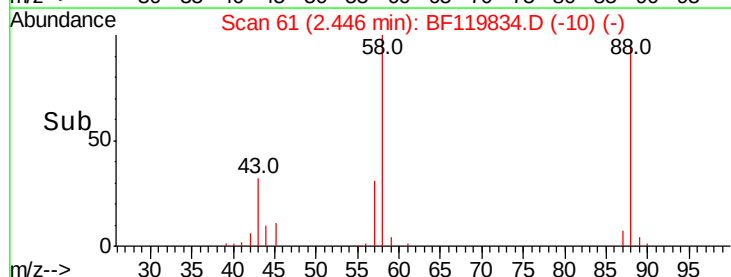
#2

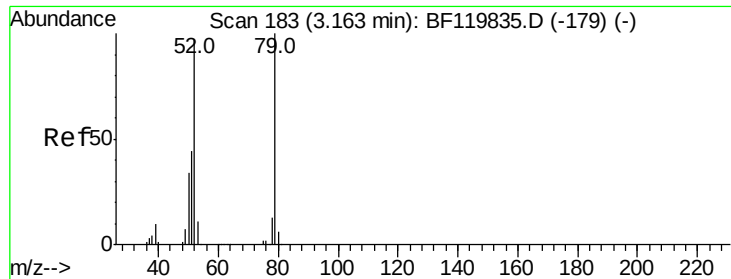
1,4-Dioxane
Concen: 17.818 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.00 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion: 88 Resp: 98424
Ion Ratio Lower Upper
88 100
58 100.7 82.6 123.8
43 35.2 28.6 42.8



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

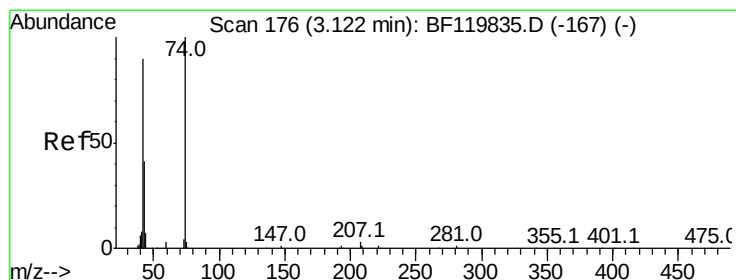
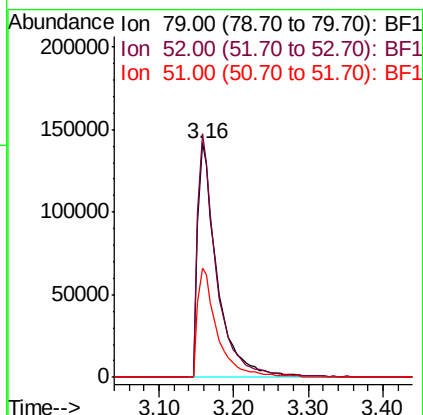
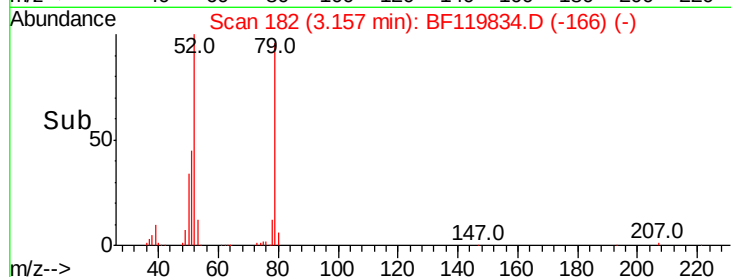
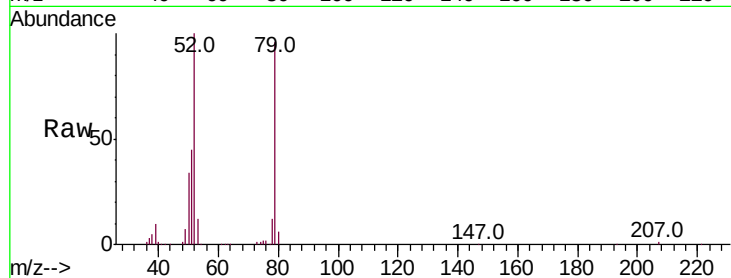




#3
 Pvridine
 Concen: 17.126 ng
 RT: 3.16 min Scan# 182
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

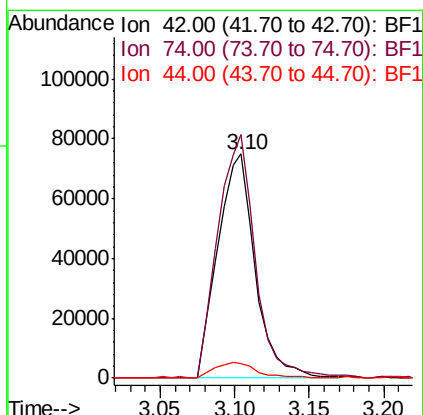
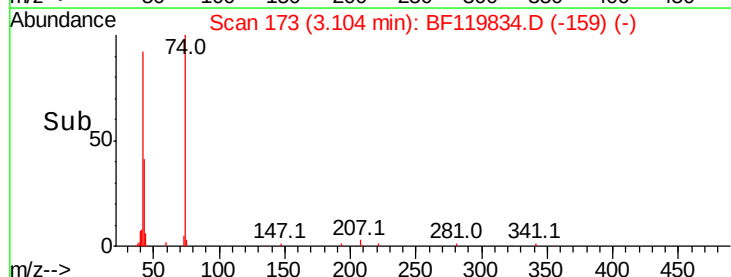
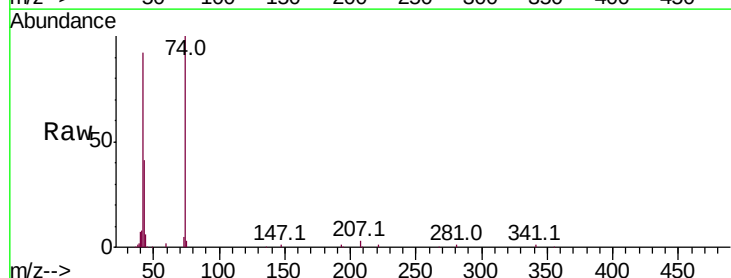
Instrument :
 BNA_F
 ClientSampleId :

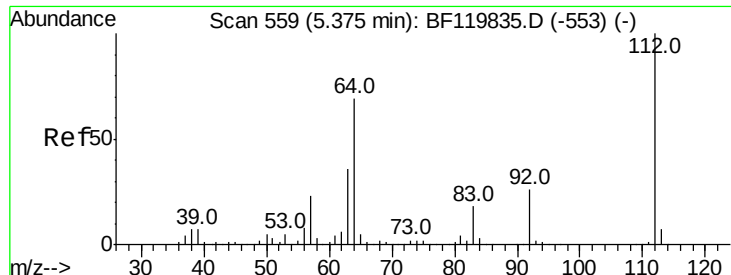
Tot Ion: 79 Resp: 260616
 Ion Ratio Lower Upper
 79 100
 52 104.0 77.4 116.0
 51 46.5 35.3 52.9



#4
 n-Nitrosodimethylamine
 Concen: 17.747 ng
 RT: 3.10 min Scan# 173
 Delta R.T. -0.02 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion: 42 Resp: 131700
 Ion Ratio Lower Upper
 42 100
 74 108.6 89.0 133.4
 44 6.7 6.2 9.4





#5

2-Fluorophenol

Concen: 40.964 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampled :

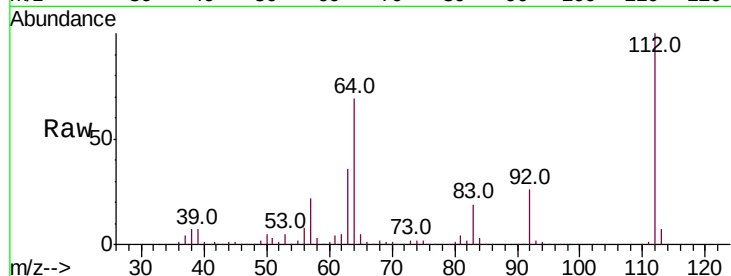
Tot Ion:112 Resp: 458143

Ion Ratio Lower Upper

112 100

64 69.1 55.5 83.3

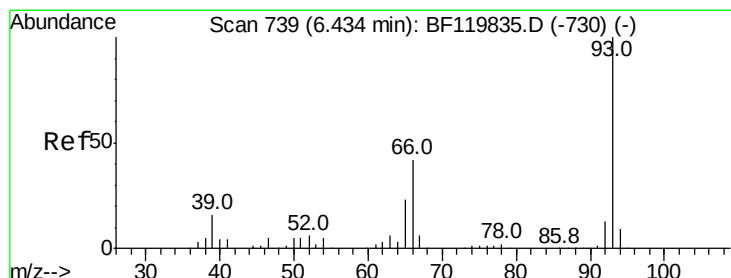
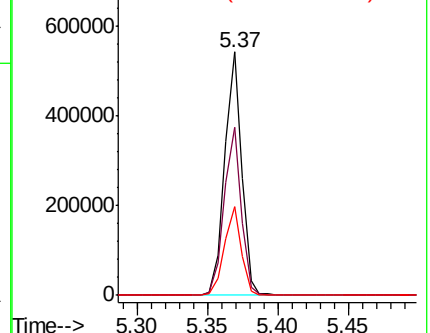
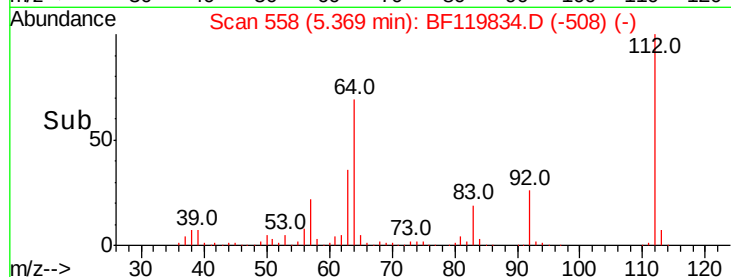
63 36.3 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.692 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

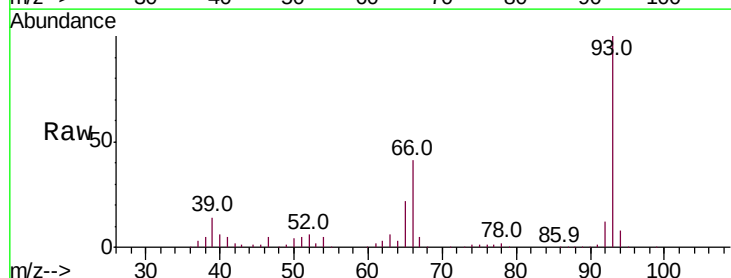
Tgt Ion: 93 Resp: 388282

Ion Ratio Lower Upper

93 100

66 41.0 34.2 51.2

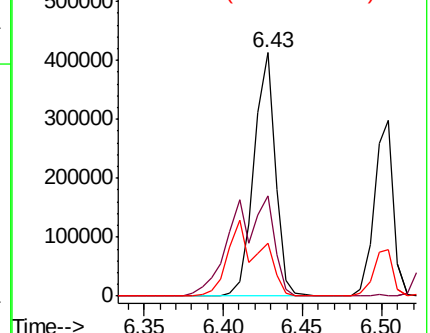
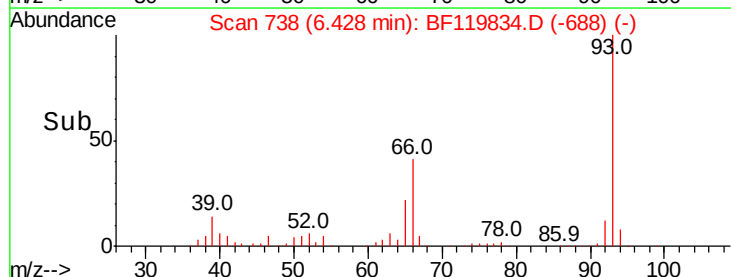
65 21.7 18.3 27.5

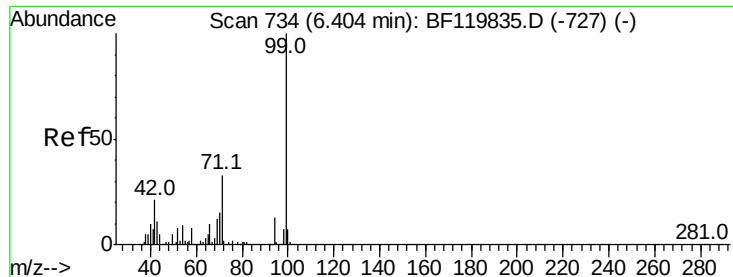


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 40.552 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

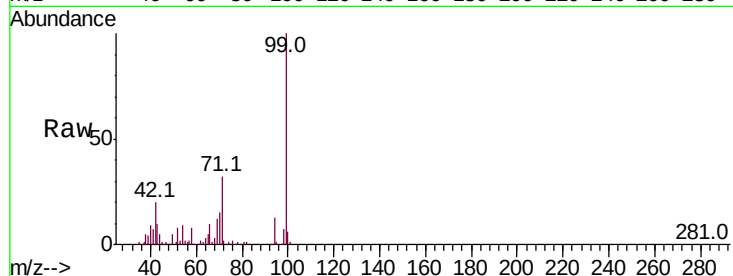
Tot Ion: 99 Resp: 579357

Ion Ratio Lower Upper

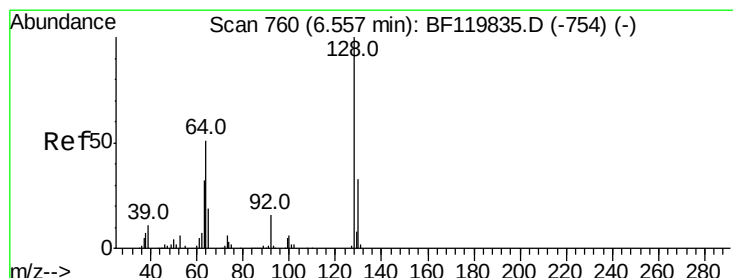
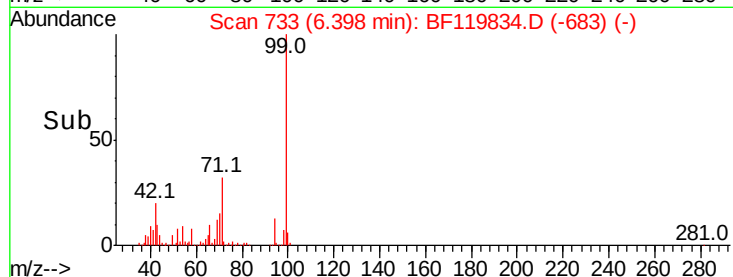
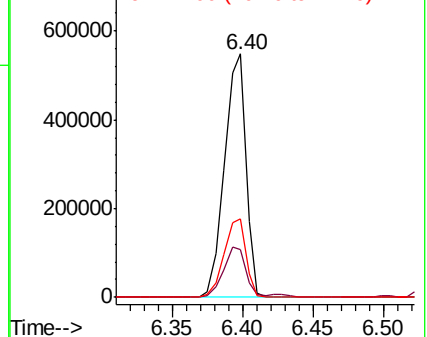
99 100

42 19.9 16.9 25.3

71 32.3 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: 21.254 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

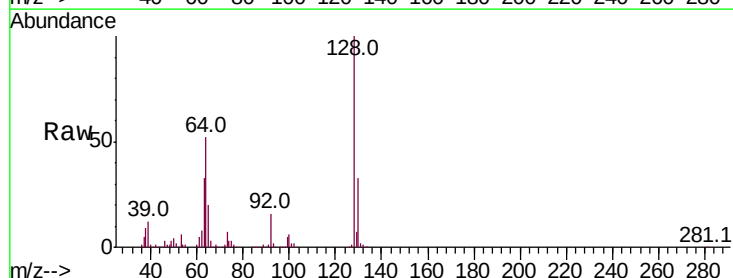
Tgt Ion: 128 Resp: 249665

Ion Ratio Lower Upper

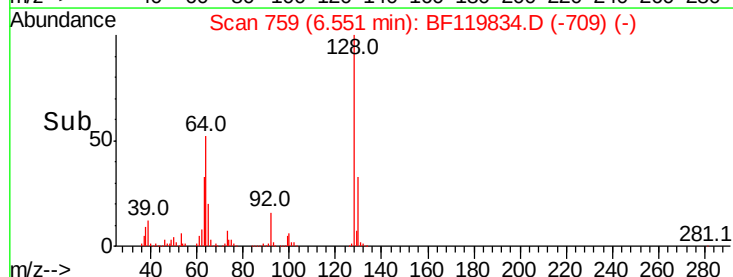
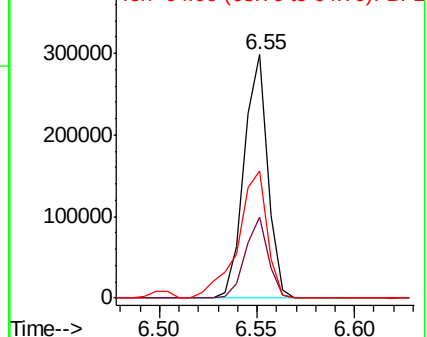
128 100

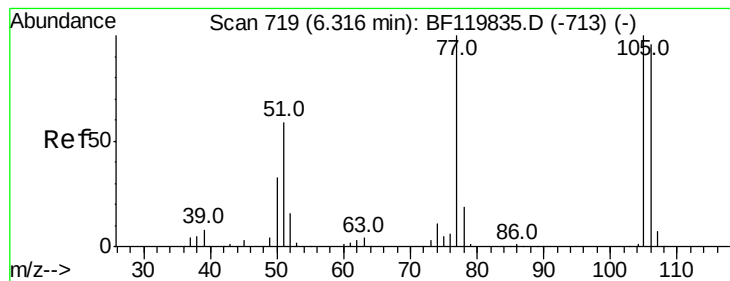
130 33.4 12.6 52.6

64 52.4 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: 19.714 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampled :

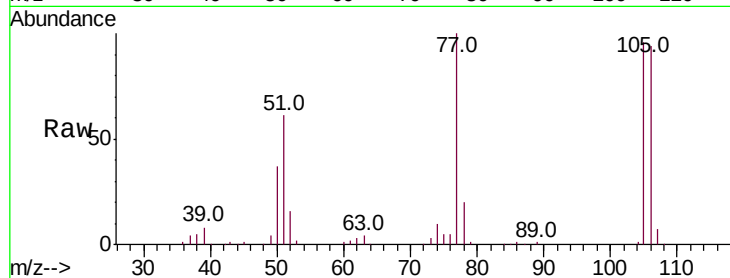
Tot Ion: 77 Resp: 178667

Ion Ratio Lower Upper

77 100

105 95.9 79.9 119.9

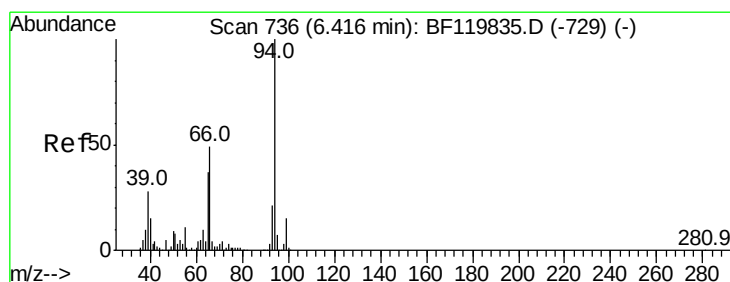
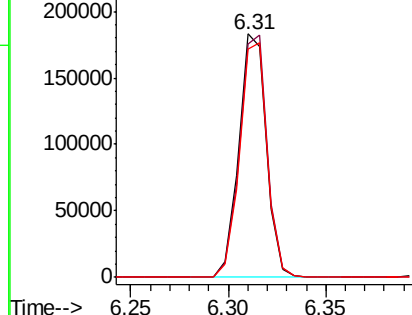
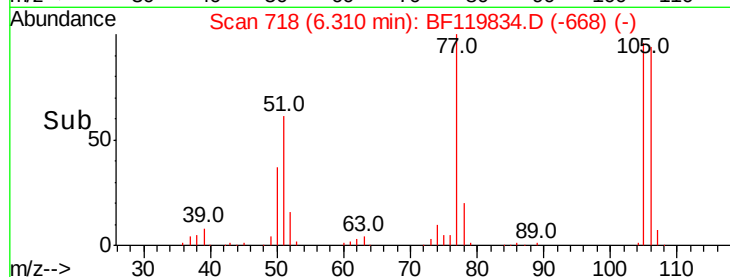
106 93.7 76.4 116.4



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: 21.526 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

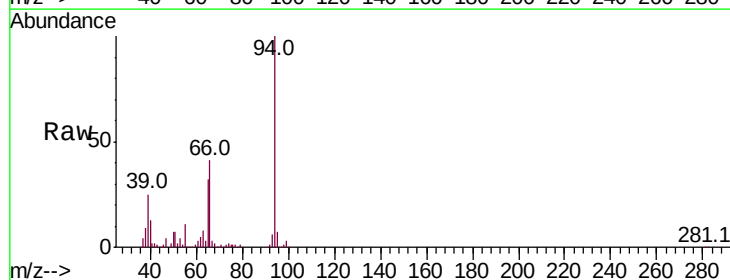
Tgt Ion: 94 Resp: 328144

Ion Ratio Lower Upper

94 100

65 32.5 16.6 56.6

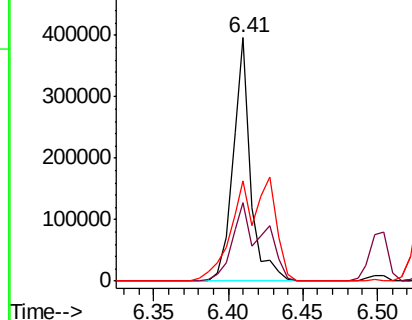
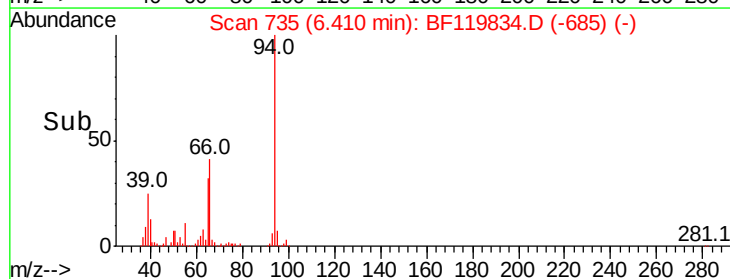
66 41.3 29.3 69.3

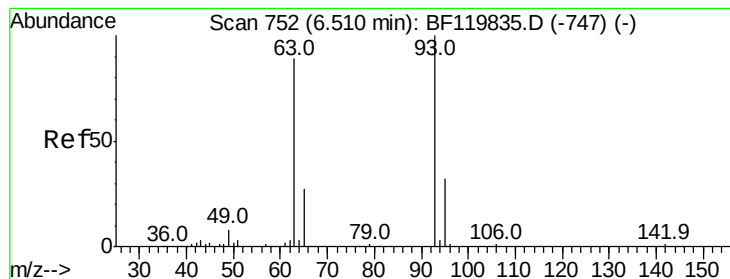


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



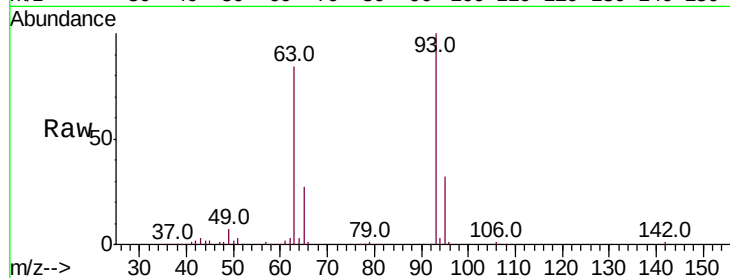


#11

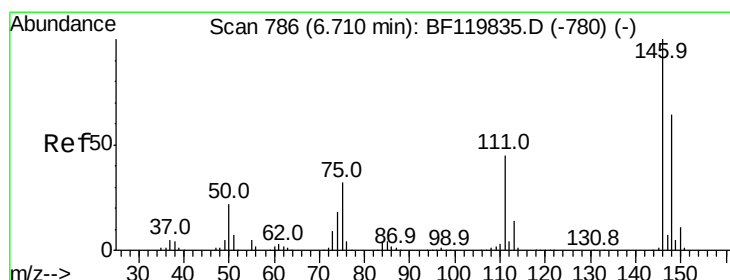
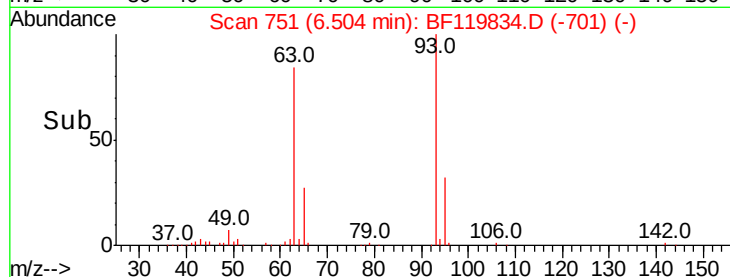
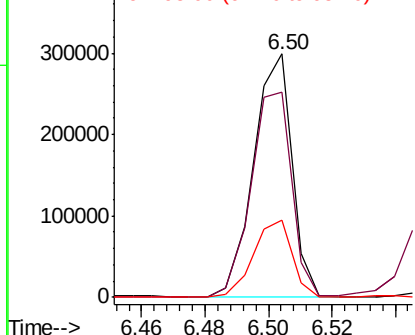
bis(2-Chloroethyl)ether
Concen: 20.617 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 251371
Ion Ratio Lower Upper
93 100
63 84.3 69.1 109.1
95 31.7 12.3 52.3



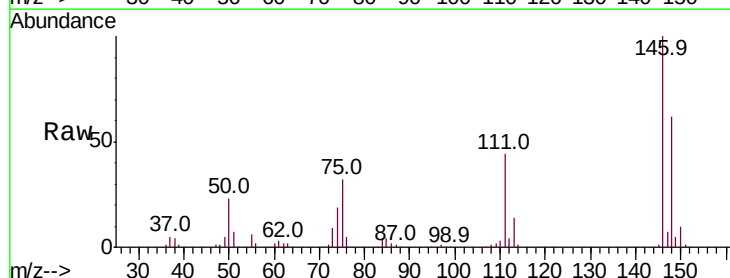
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



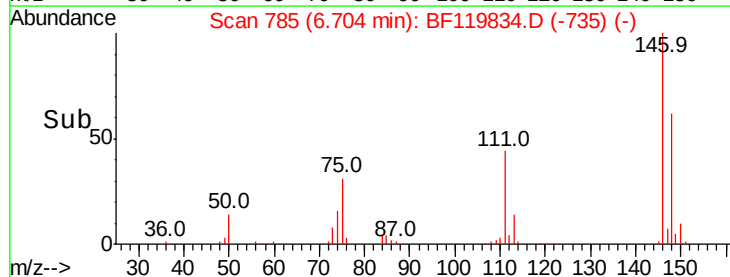
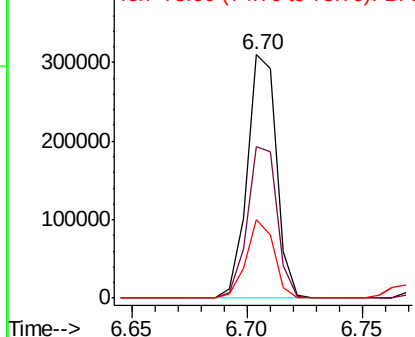
#12

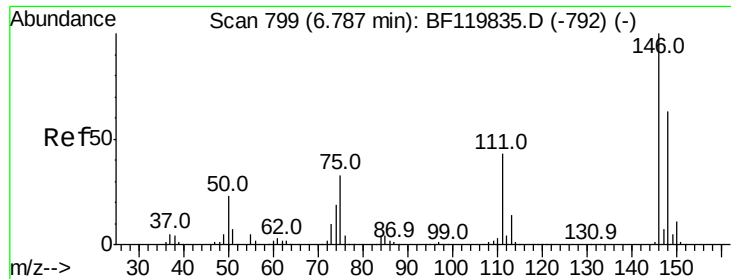
1,3-Dichlorobenzene
Concen: 21.655 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion: 146 Resp: 275303
Ion Ratio Lower Upper
146 100
148 62.4 51.3 76.9
75 32.2 25.3 37.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

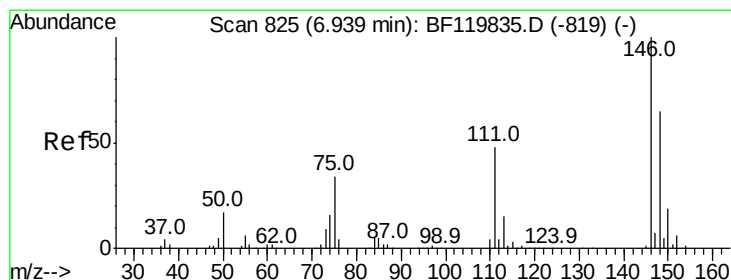
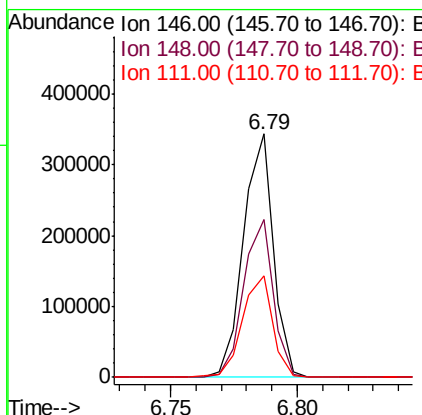
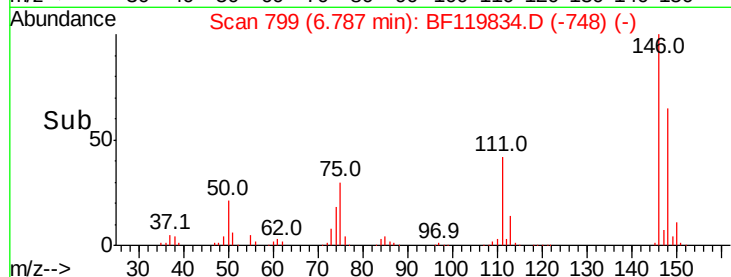
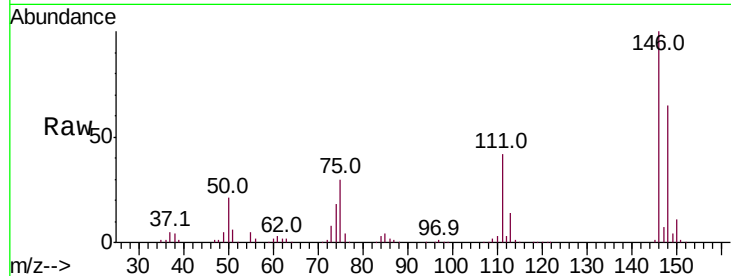




#13
 1,4-Dichlorobenzene
 Concen: 22.104 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

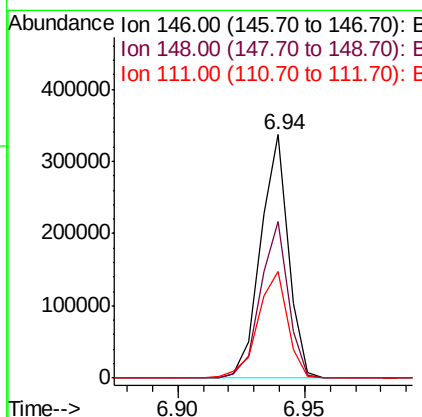
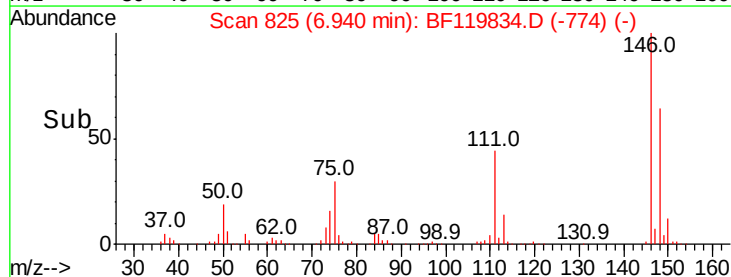
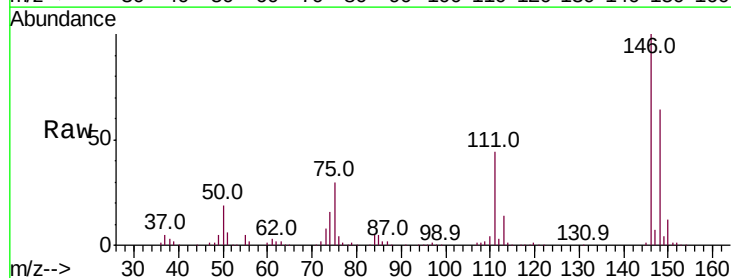
Instrument :
 BNA_F
 ClientSampleId :

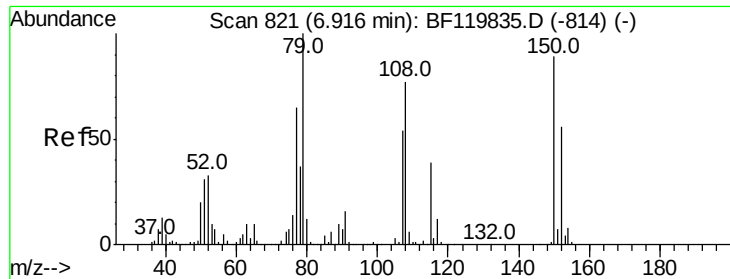
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
111	41.7	34.7	52.1



#14
 1,2-Dichlorobenzene
 Concen: 21.790 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
111	43.9	38.0	57.0





#15

Benzyl Alcohol

Concen: 21.147 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

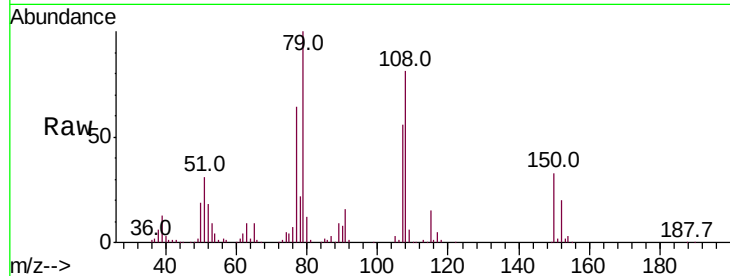
Tot Ion: 79 Resp: 227263

Ion Ratio Lower Upper

79 100

108 80.9 62.0 93.0

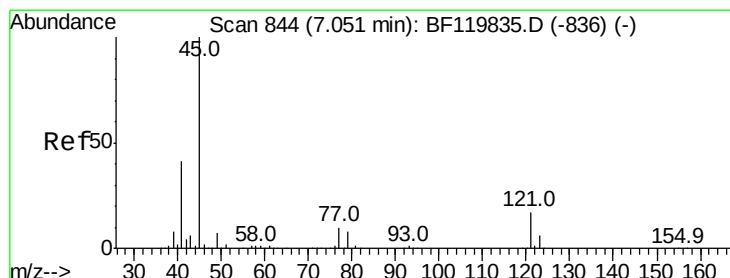
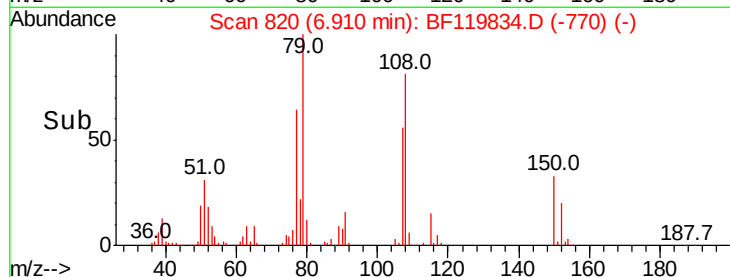
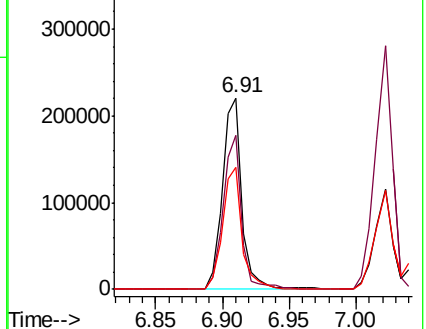
77 63.8 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 19.665 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

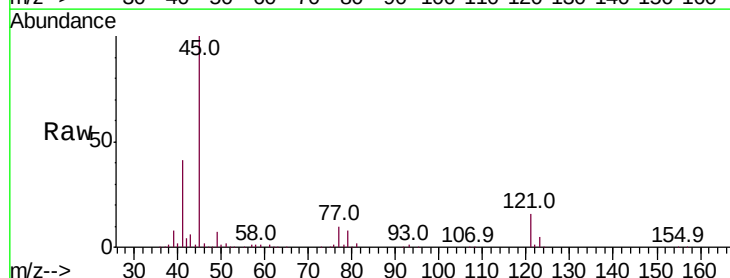
Tgt Ion: 45 Resp: 483625

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.7

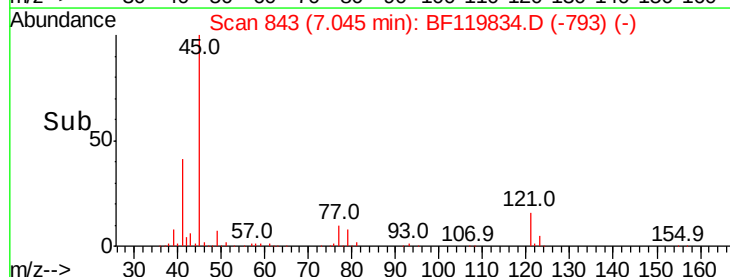
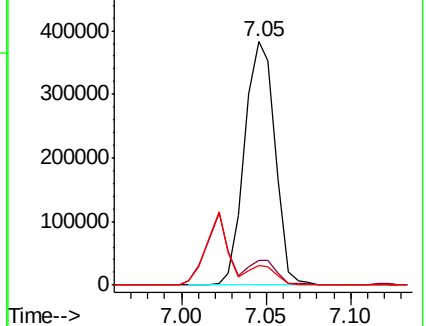
79 8.1 0.0 28.6

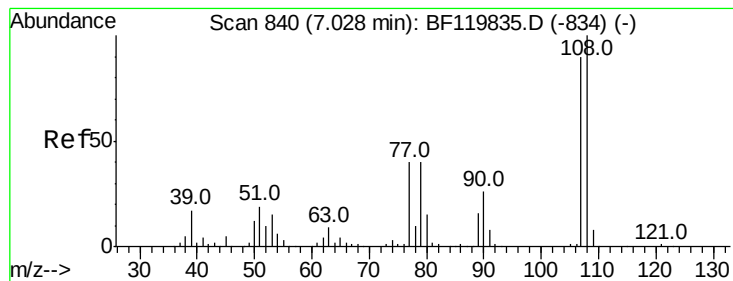


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 19.978 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 215010

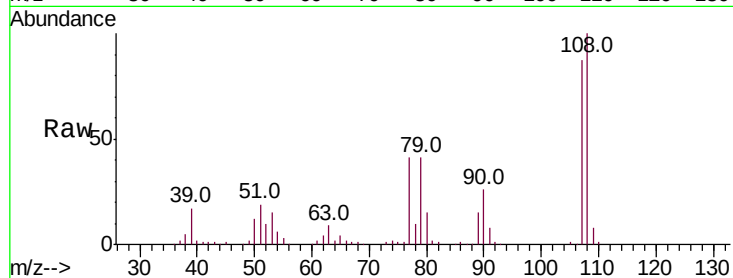
Ion Ratio Lower Upper

107 100

108 115.1 88.8 133.2

77 46.8 36.0 54.0

79 47.4 35.7 53.5

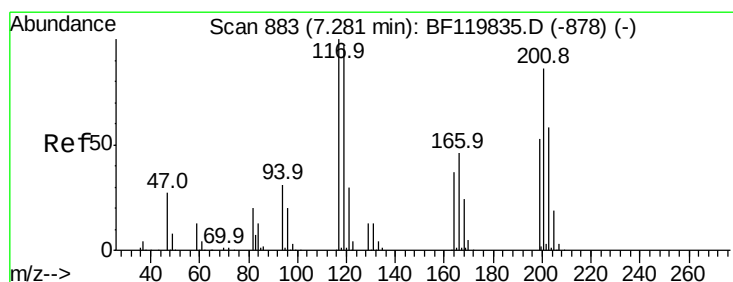
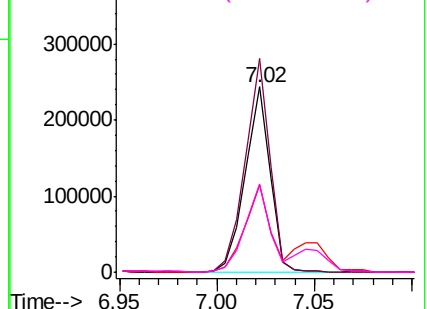
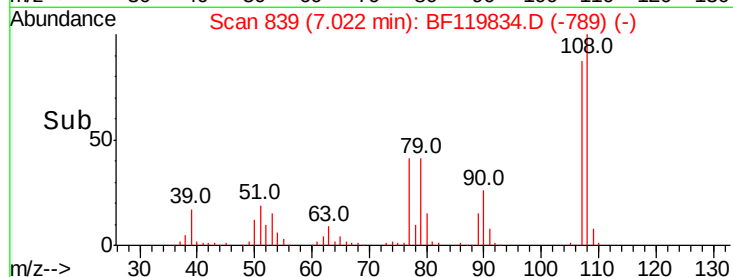


Abundance Ion 107.00 (106.70 to 107.70): E

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: 21.995 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

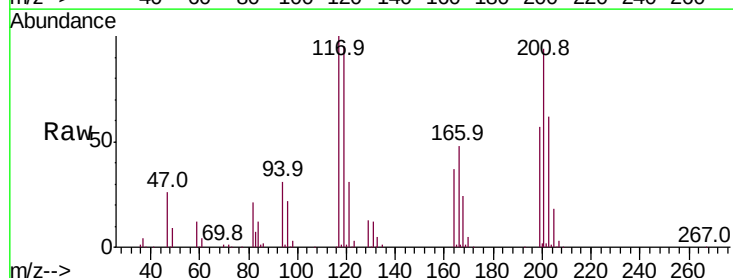
Tgt Ion:117 Resp: 102500

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.0

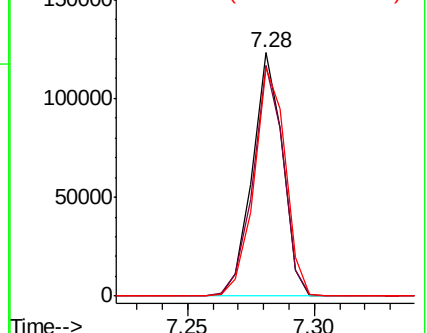
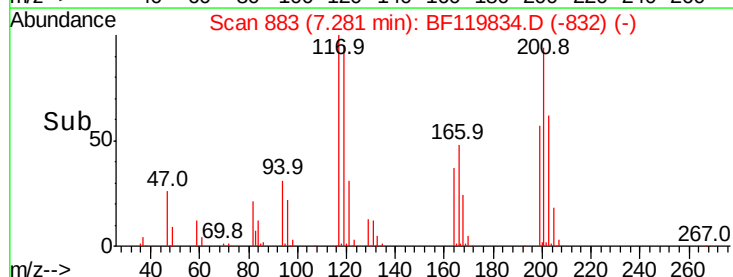
201 93.6 68.4 102.6

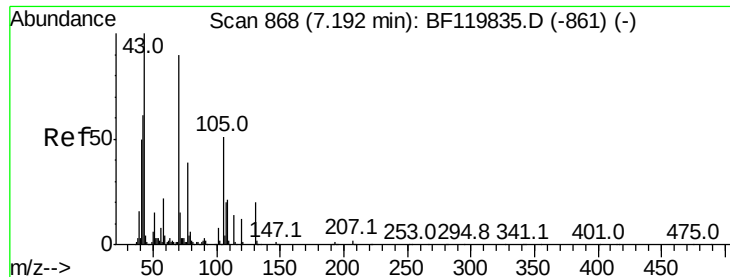


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

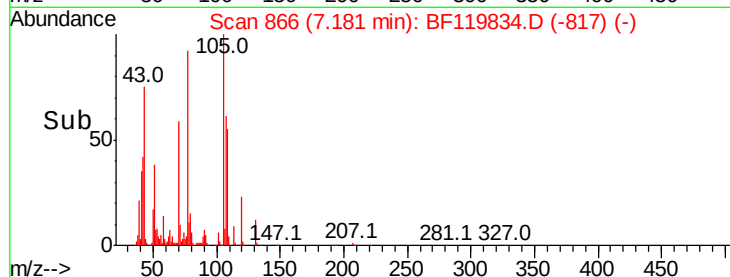
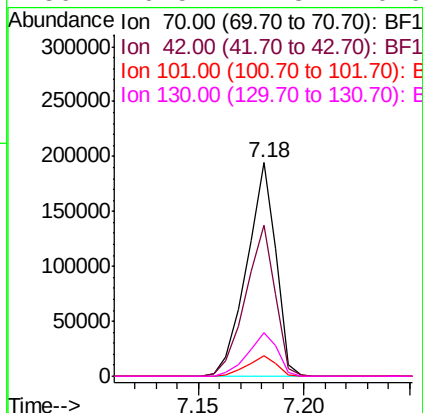
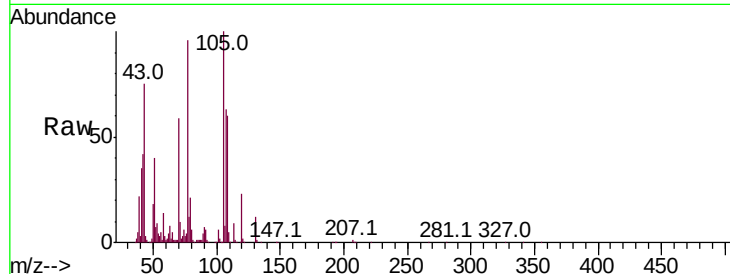




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.555 ng
 RT: 7.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

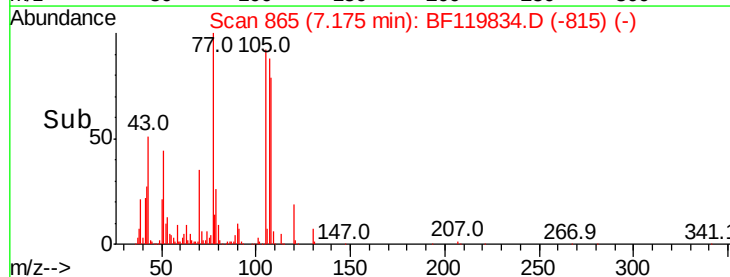
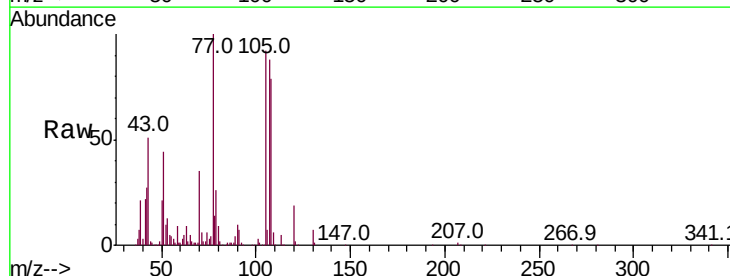
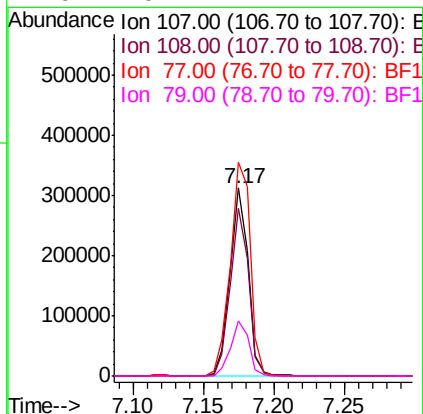
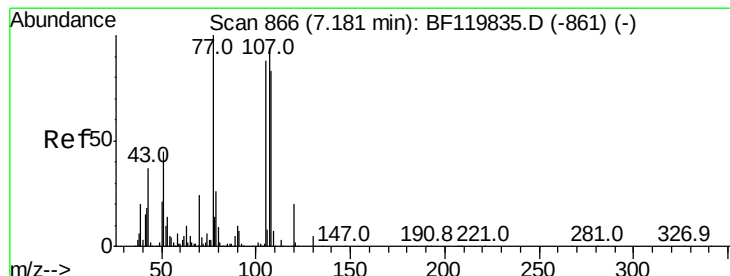
Instrument :
 BNA_F
 ClientSampleId :

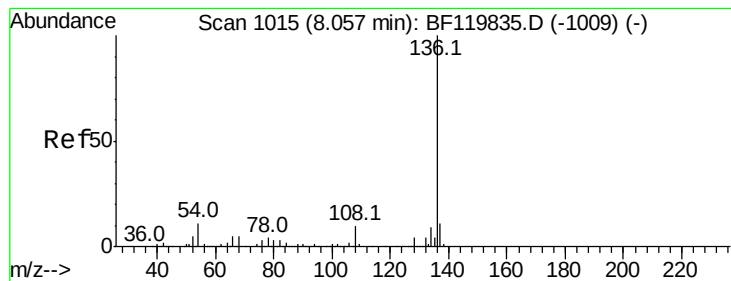
Tot Ion:	70	Resp:	185616
Ion	Ratio	Lower	Upper
70	100		
42	70.9	54.2	81.4
101	9.4	7.4	11.2
130	20.5	17.8	26.6



#20
 3+4-Methylphenols
 Concen: 21.350 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion:	107	Resp:	281605
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	113.5	86.6	126.6
79	29.2	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 689457

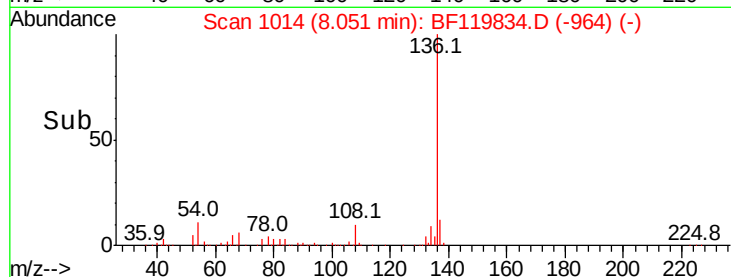
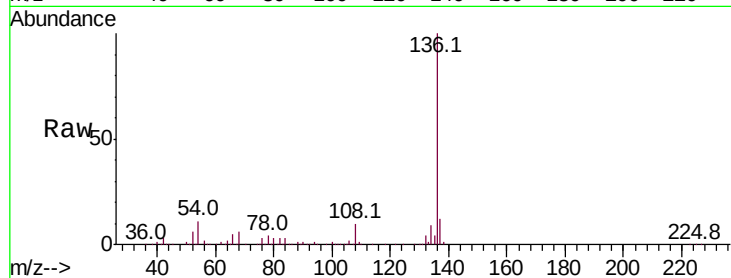
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 11.0 8.5 12.7

68 5.9 3.9 5.9



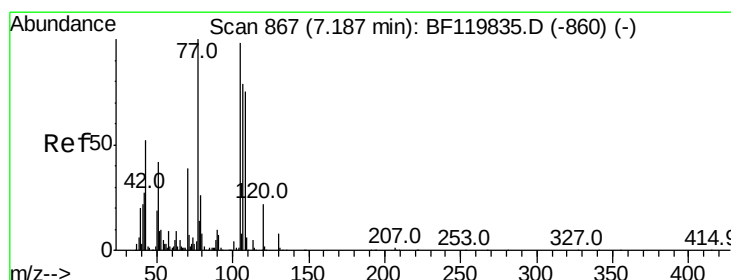
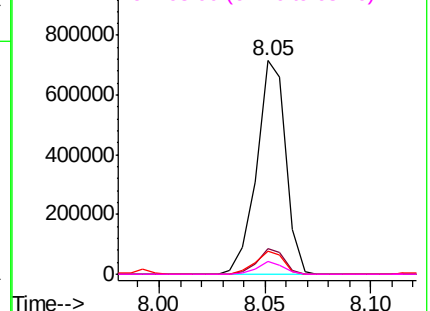
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 20.694 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Tgt Ion:105 Resp: 340926

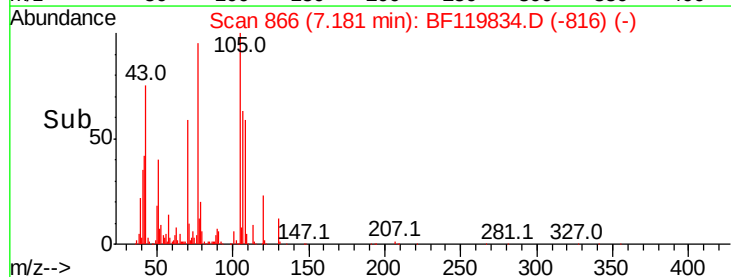
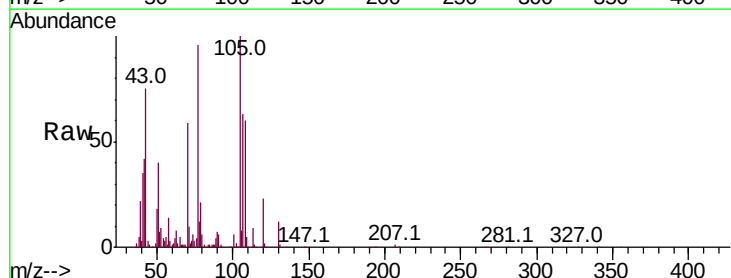
Ion Ratio Lower Upper

105 100

71 9.7 5.6 8.4#

51 40.2 33.9 50.9

120 22.9 17.8 26.8



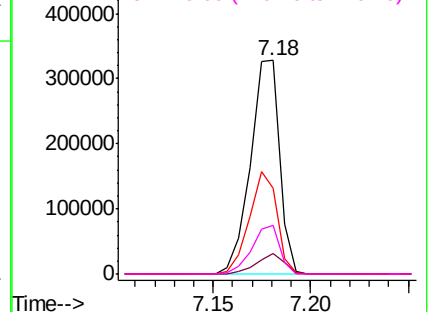
Abundance

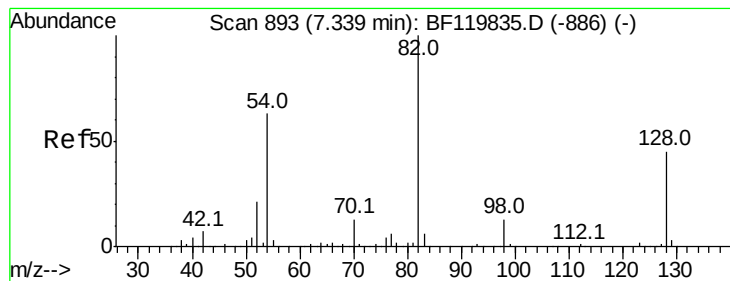
Ion 105.00 (104.70 to 105.70): E

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: 45.541 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampled :

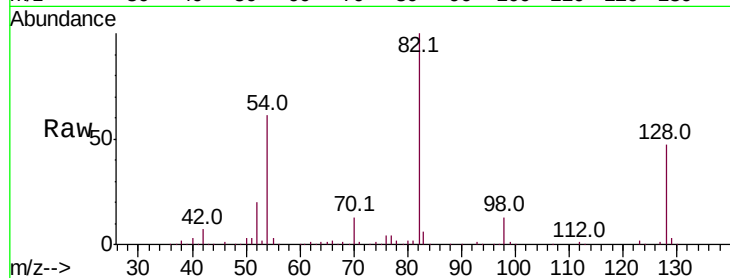
Tot Ion: 82 Resp: 577728

Ion Ratio Lower Upper

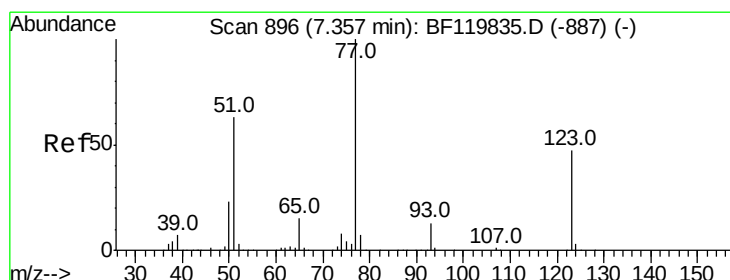
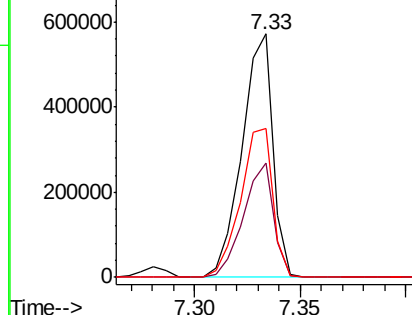
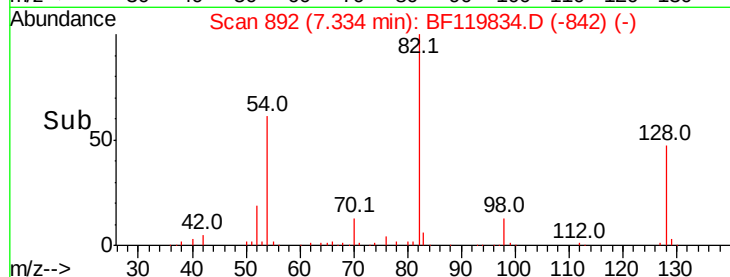
82 100

128 47.0 36.2 54.4

54 61.4 50.4 75.6



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



#24

Nitrobenzene

Concen: 21.683 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

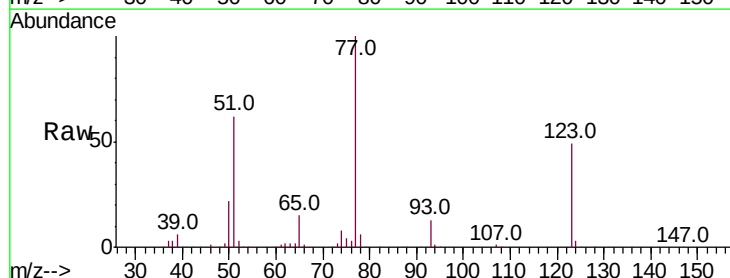
Tgt Ion: 77 Resp: 293960

Ion Ratio Lower Upper

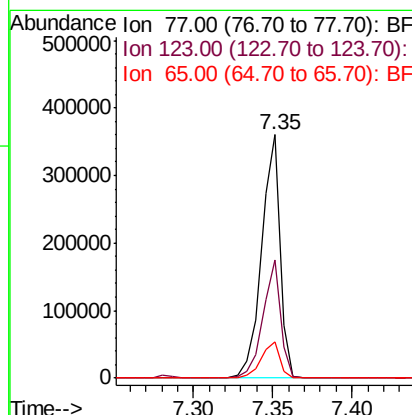
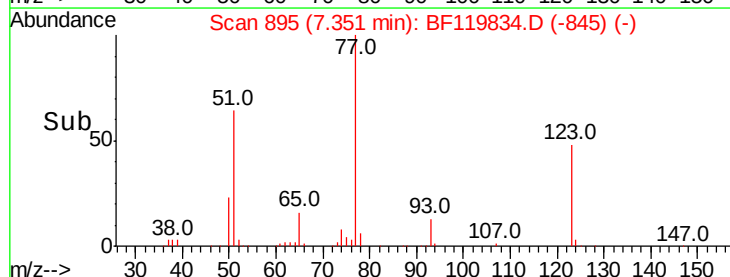
77 100

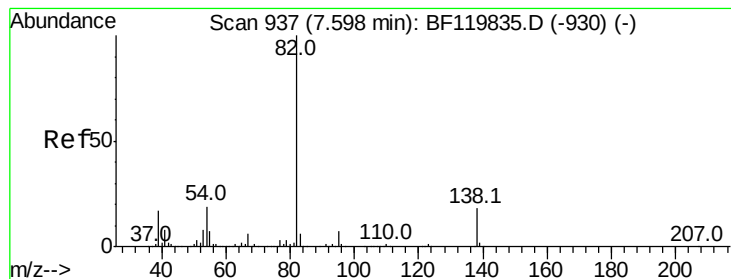
123 48.6 37.8 56.8

65 14.9 12.2 18.2



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





#25

Isophorone

Concen: 19.973 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

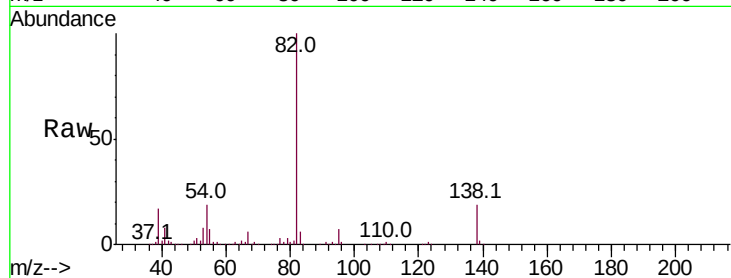
Tot Ion: 82 Resp: 513989

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

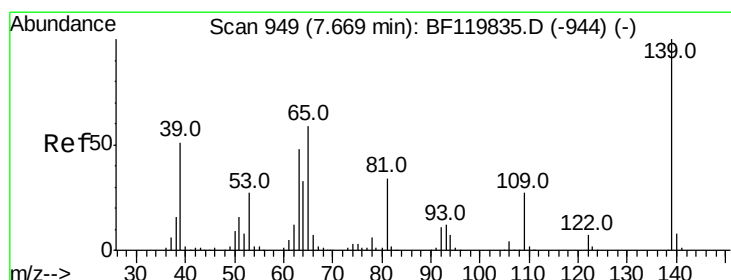
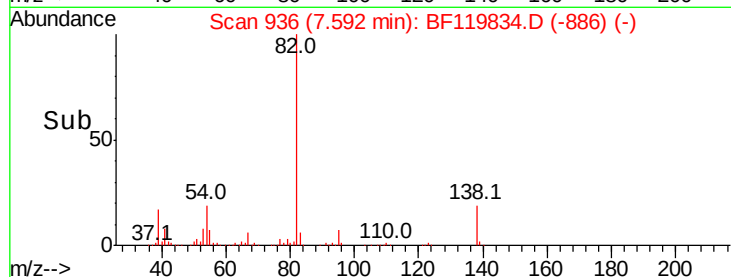
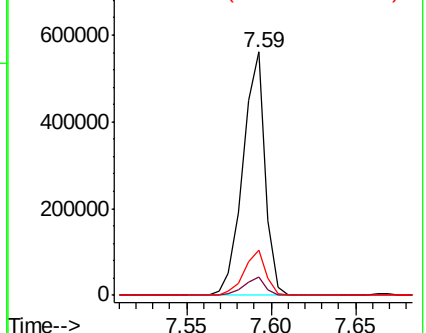
138 18.7 14.5 21.7



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: 25.665 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

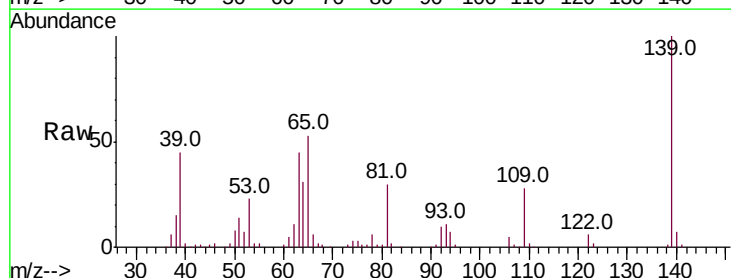
Tgt Ion:139 Resp: 137004

Ion Ratio Lower Upper

139 100

109 27.9 21.8 32.6

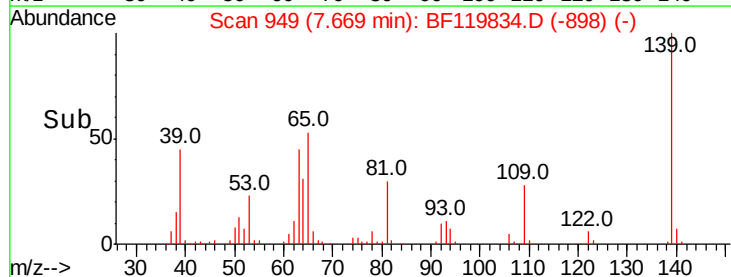
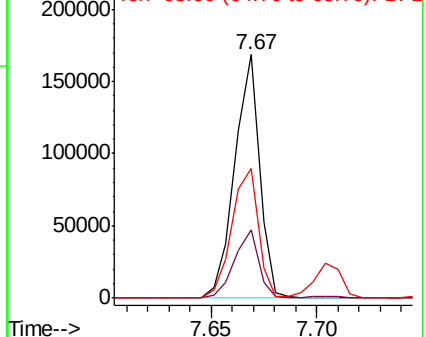
65 53.1 47.0 70.4

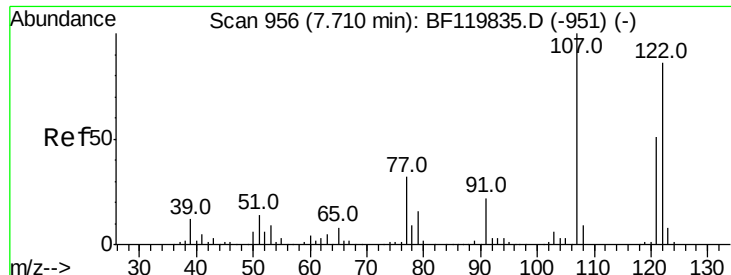


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

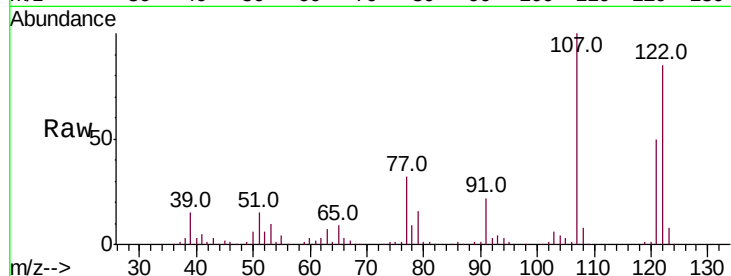




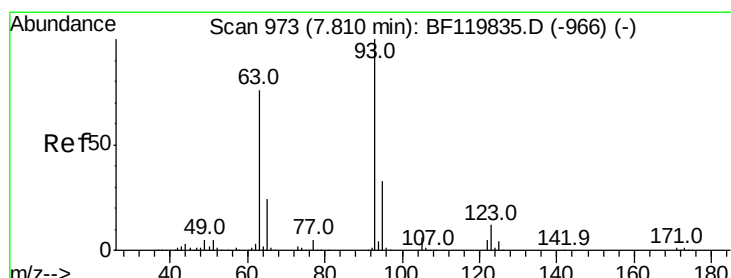
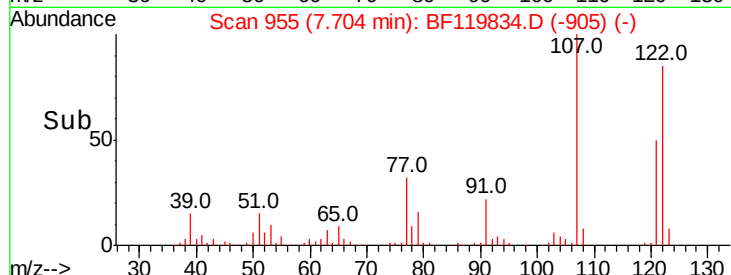
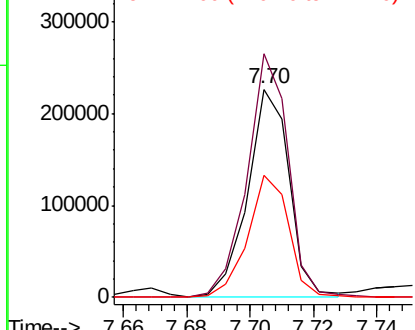
#27
 2,4-Dimethylphenol
 Concen: 18.662 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	92.3	138.5
121	58.7	46.6	70.0

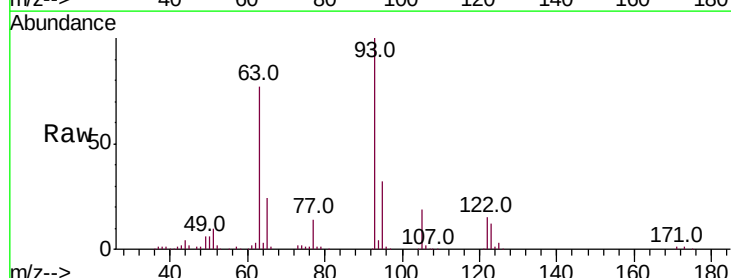


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

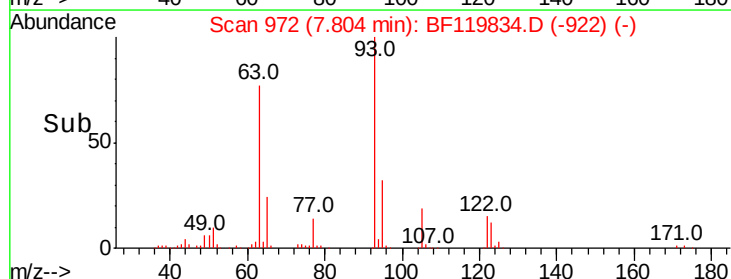
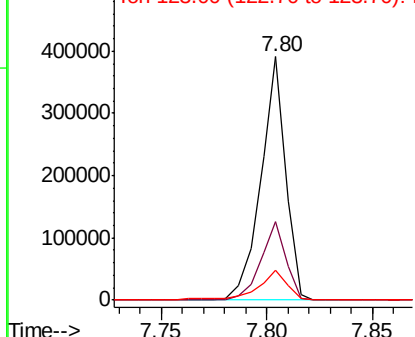


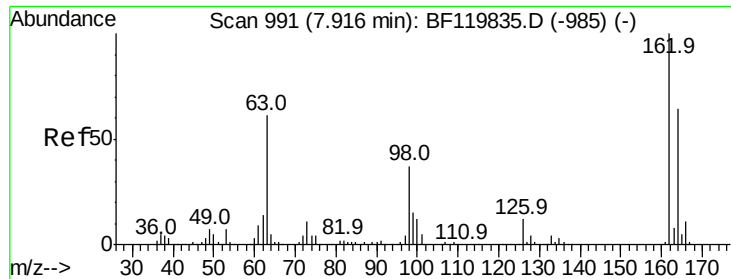
#28
 bis(2-Chloroethoxy)methane
 Concen: 20.858 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.2	9.7	14.5



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

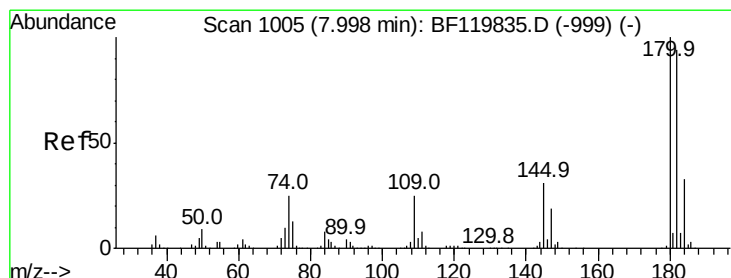
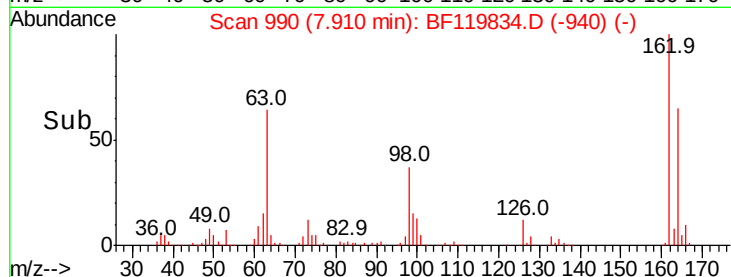
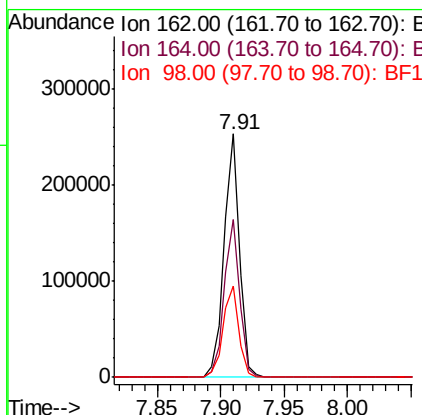
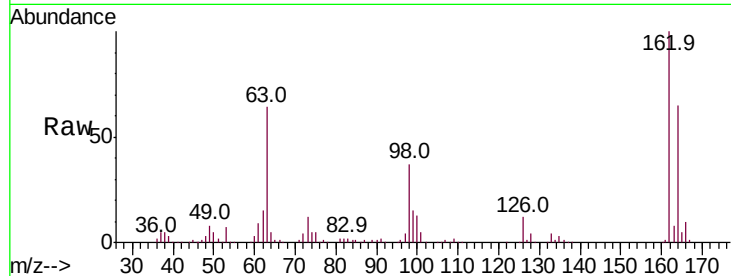




#29
 2,4-Dichlorophenol
 Concen: 21.184 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

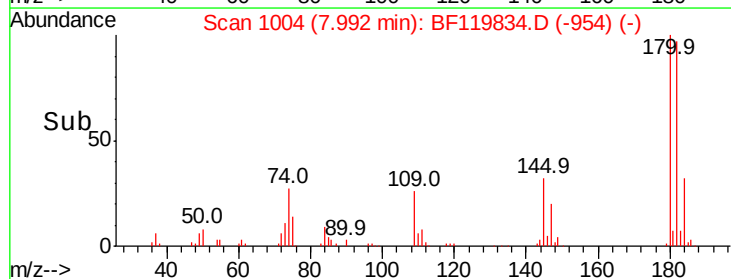
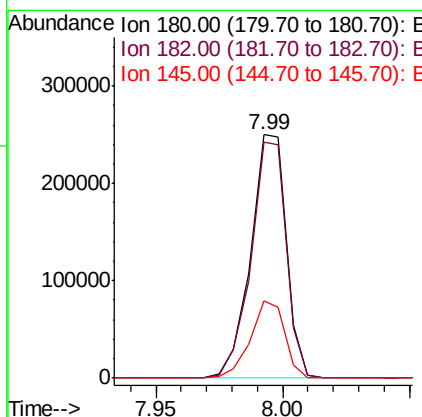
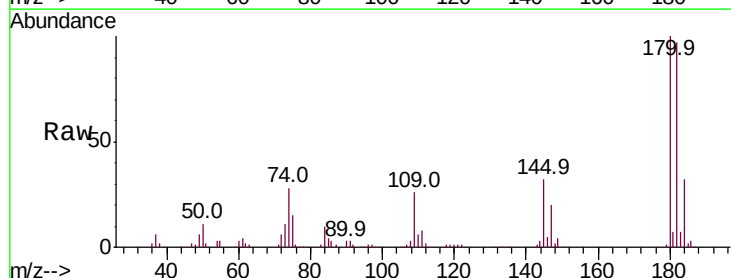
Instrument :
 BNA_F
 ClientSampleId :

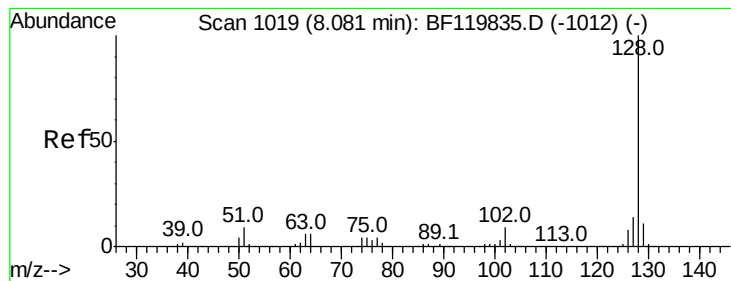
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.4	84.4
98	37.3	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 21.890 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.4	113.0
145	31.5	24.6	37.0





#31

Naphthalene

Concen: 21.479 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

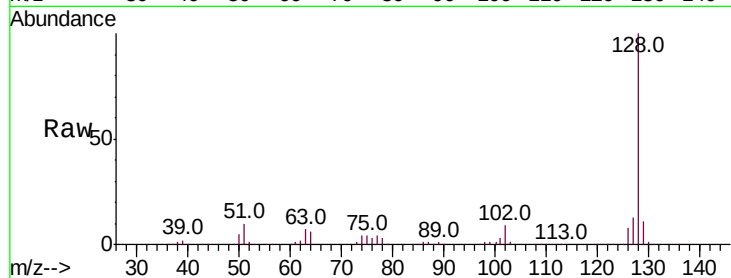
Tot Ion:128 Resp: 762097

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

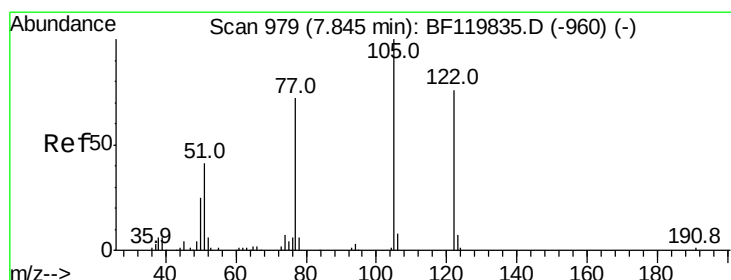
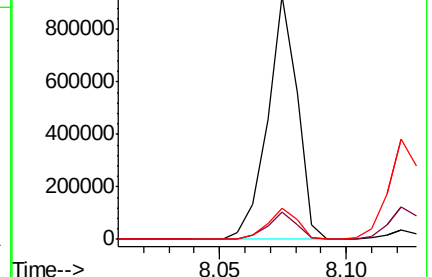
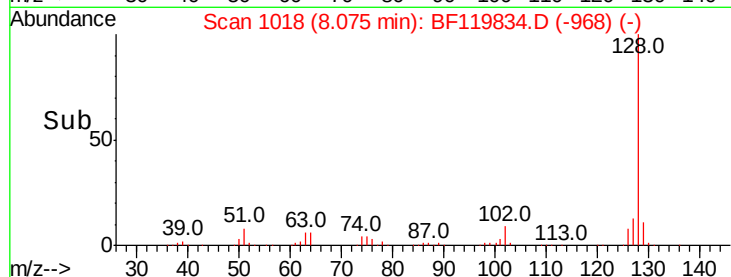
127 12.9 11.0 16.4



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: 24.793 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.04 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

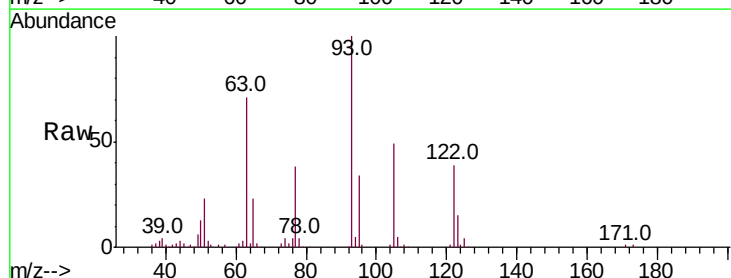
Tgt Ion:122 Resp: 176035

Ion Ratio Lower Upper

122 100

105 125.0 106.7 146.7

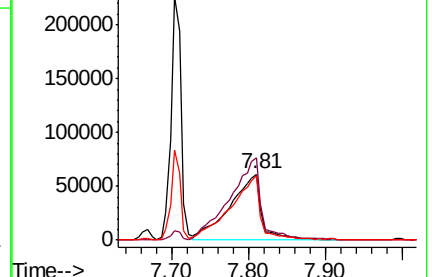
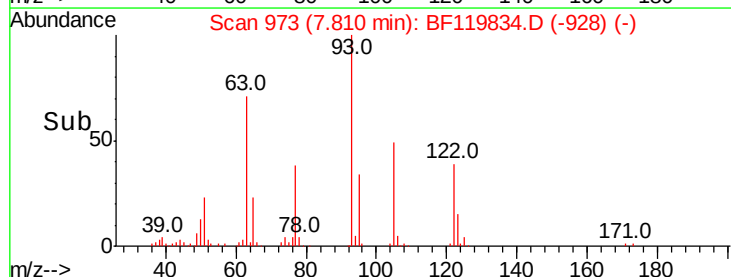
77 96.9 72.1 112.1

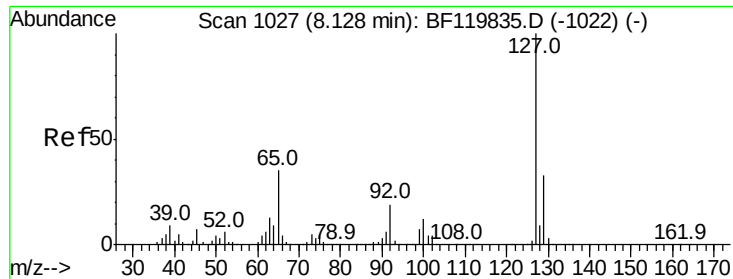


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

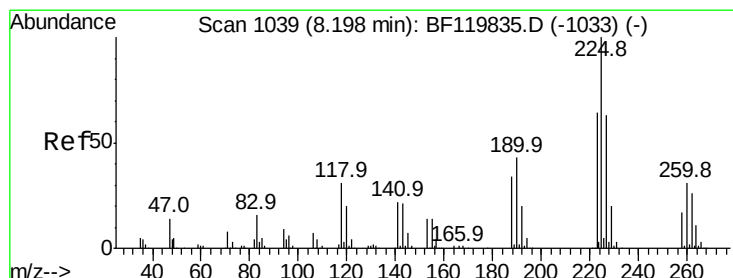
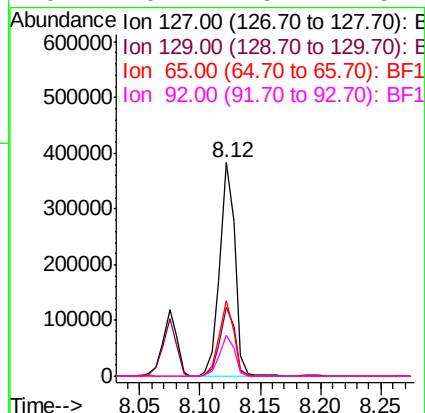
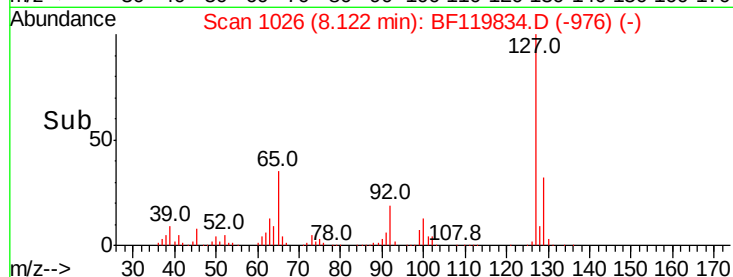
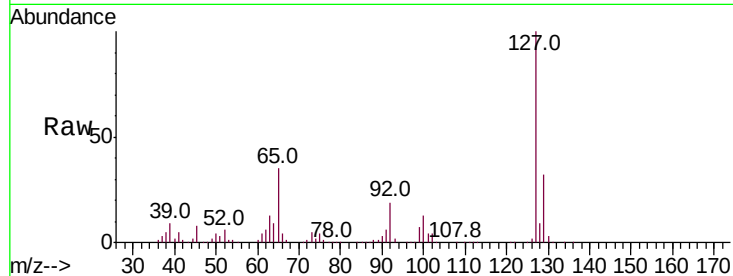




#33
4-Chloroaniline
Concen: 20.381 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

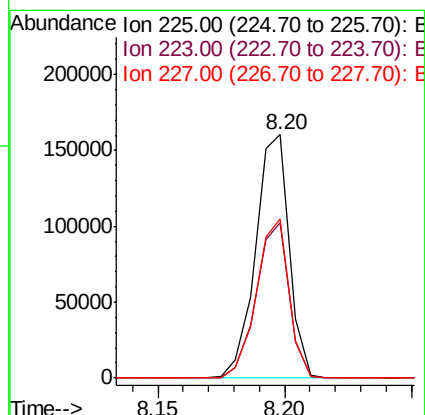
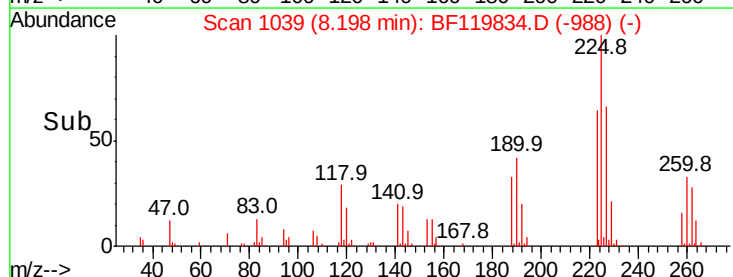
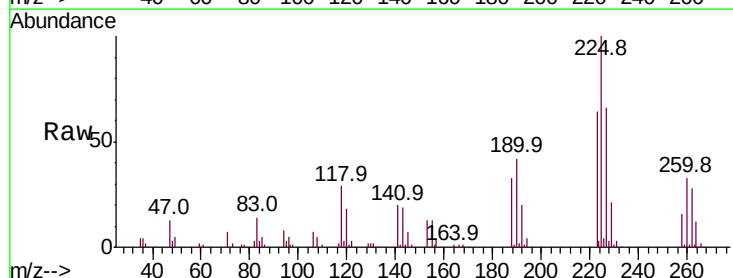
Instrument :
BNA_F
ClientSampled :

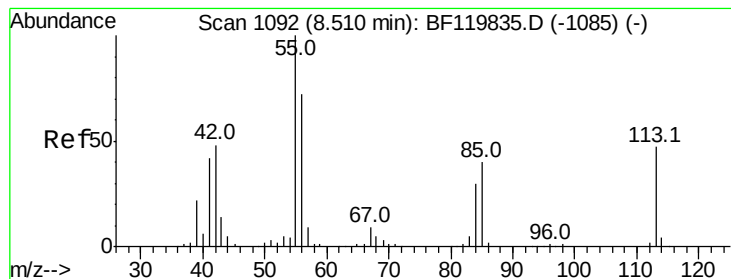
Tot Ion:127	Resp:	331350
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.2 39.2
65	35.1	28.3 42.5
92	19.1	15.4 23.2



#34
Hexachlorobutadiene
Concen: 23.571 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion:225	Resp:	147921
Ion Ratio	Lower	Upper
225	100	
223	63.8	51.0 76.6
227	65.5	50.4 75.6





#35

Caprolactam

Concen: 19.791 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.03 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

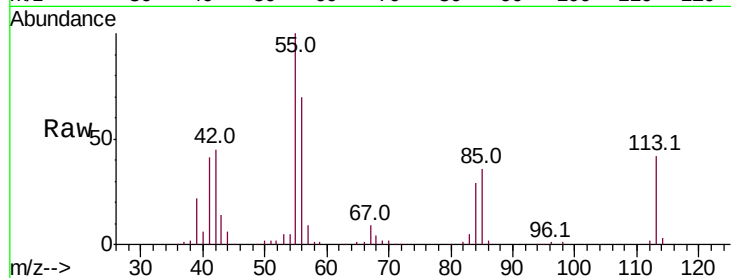
Tot Ion:113 Resp: 65692

Ion Ratio Lower Upper

113 100

55 237.4 192.7 232.7#

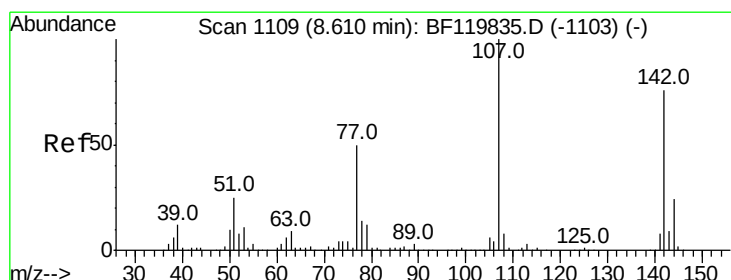
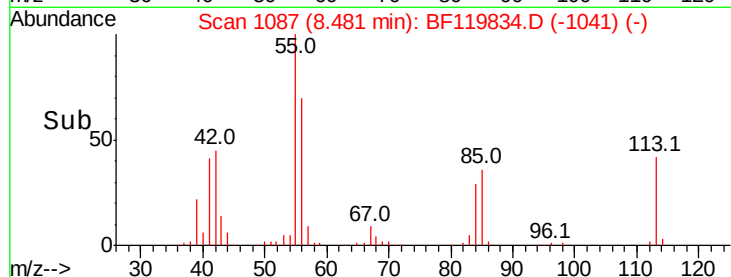
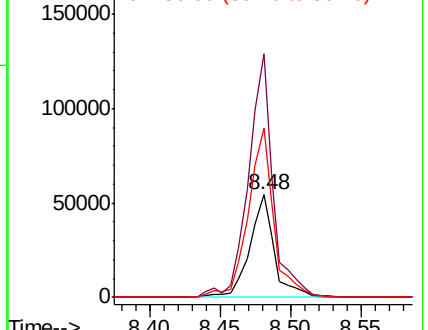
56 165.7 133.3 173.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 21.802 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

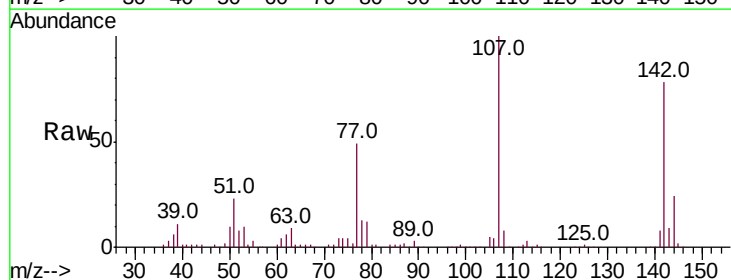
Tgt Ion:107 Resp: 241671

Ion Ratio Lower Upper

107 100

144 23.7 19.5 29.3

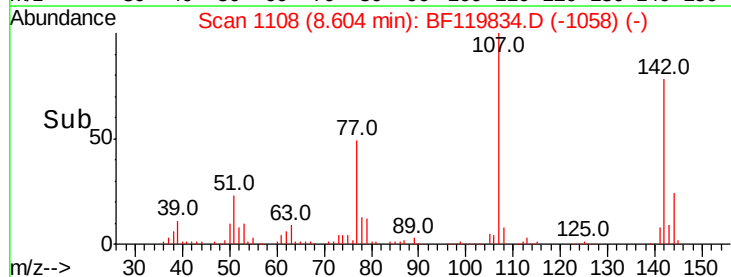
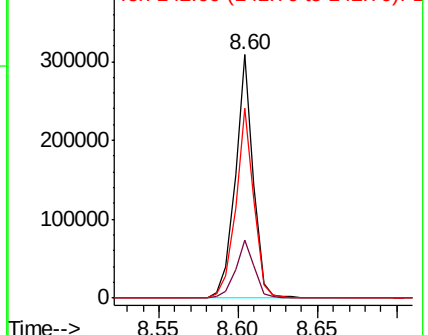
142 77.8 60.5 90.7

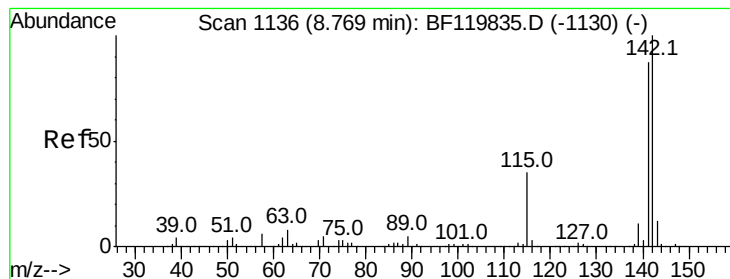


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 22.814 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

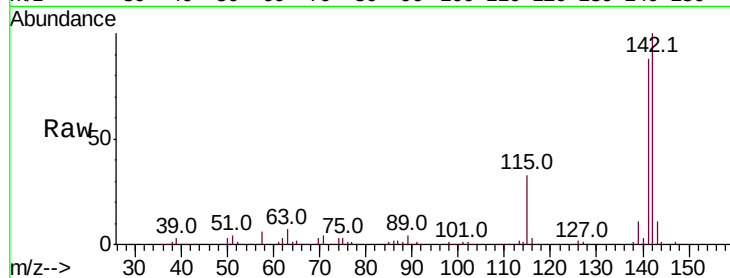
Tot Ion:142 Resp: 531225

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9

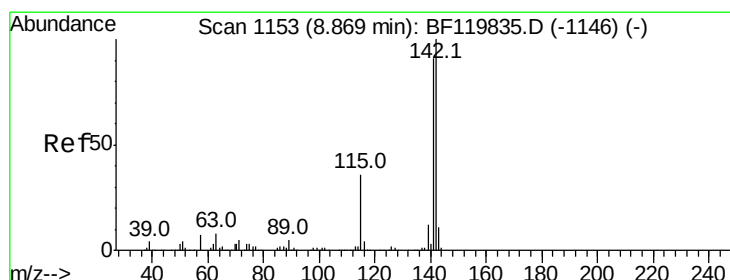
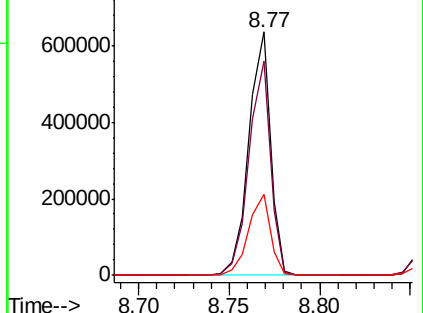
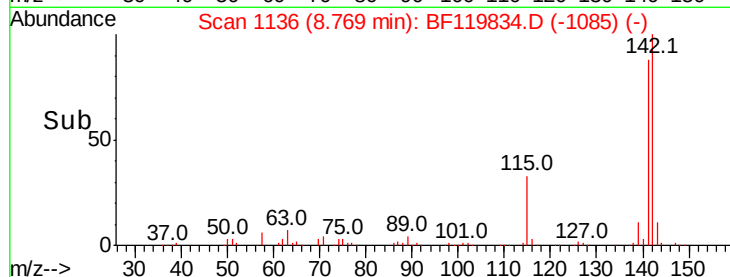
115 33.4 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 22.317 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

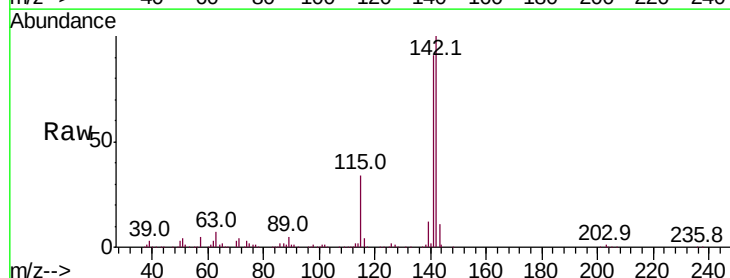
Tgt Ion:142 Resp: 491872

Ion Ratio Lower Upper

142 100

141 90.8 72.9 109.3

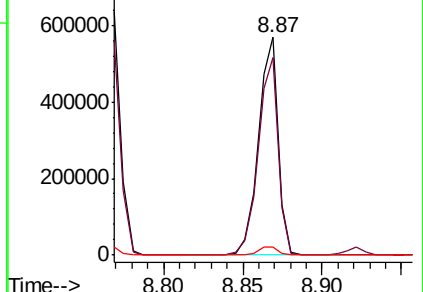
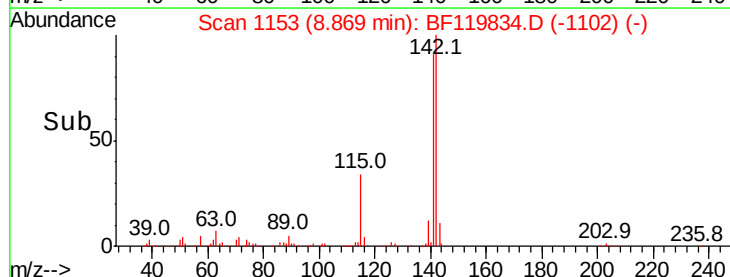
116 3.6 3.0 4.6

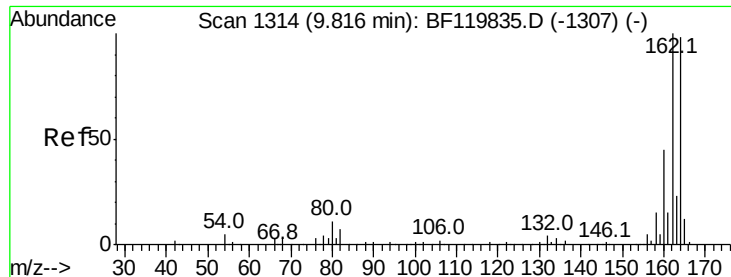


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

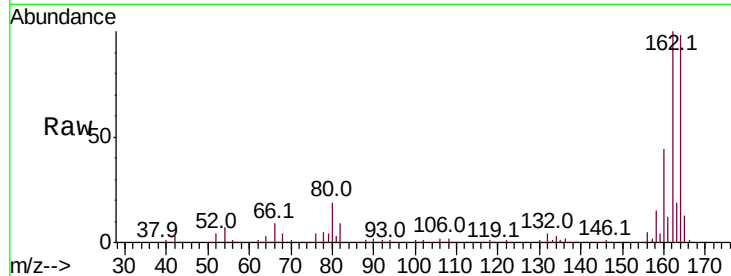




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.9	122.9
160	44.9	36.6	54.8

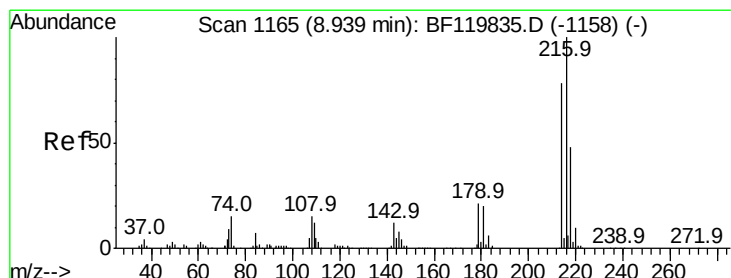
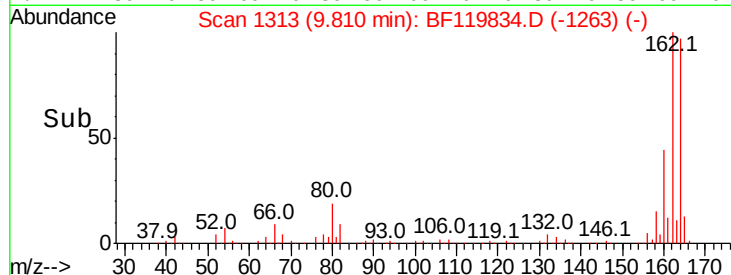
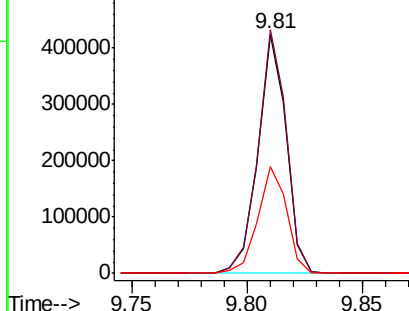


Abundance

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: 22.057 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.1	94.7
179	21.9	17.0	25.4
108	17.9	14.8	22.2

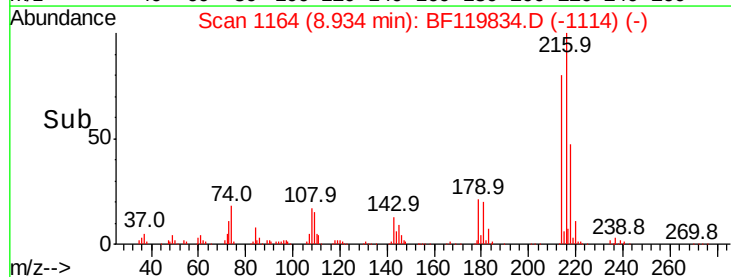
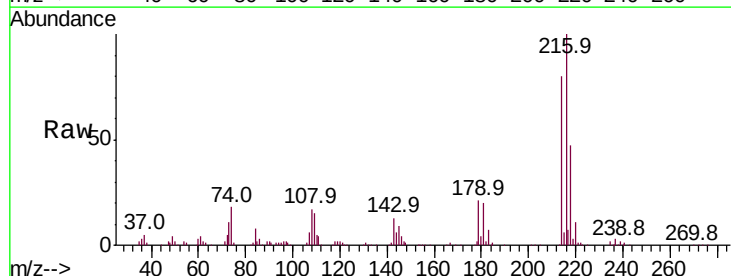
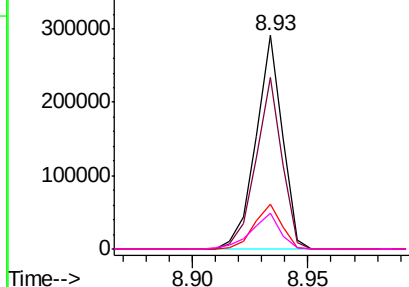
Abundance

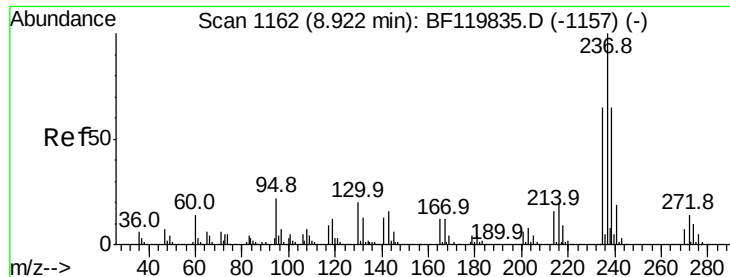
Ion 216.00 (215.70 to 216.70): E

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

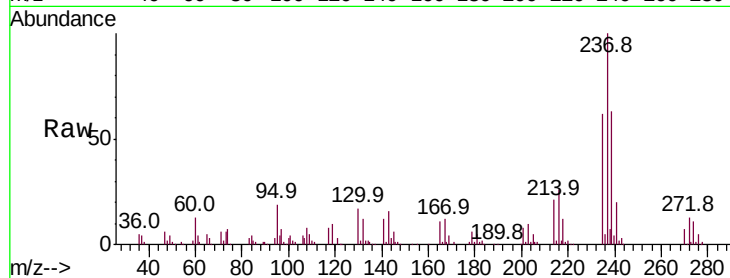




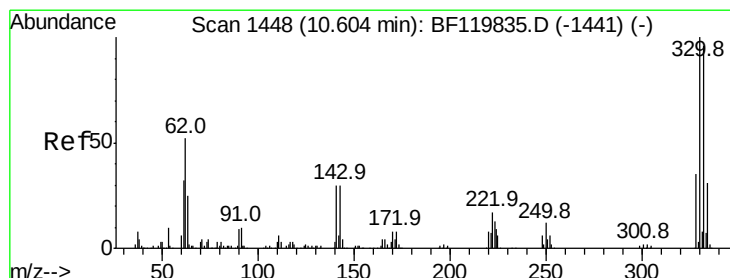
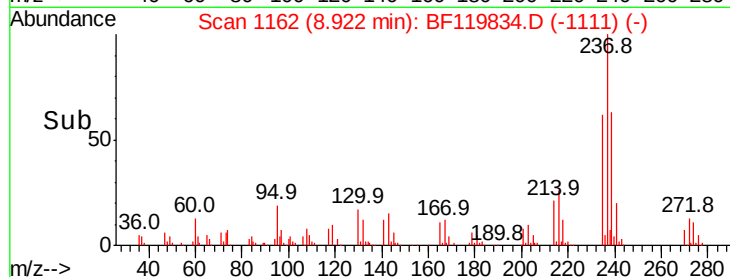
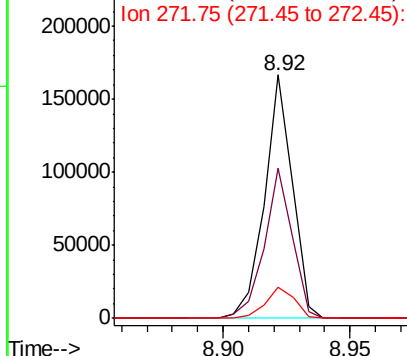
#41
Hexachlorocyclopentadiene
Concen: 21.136 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.9	84.9
272	12.7	0.0	33.6

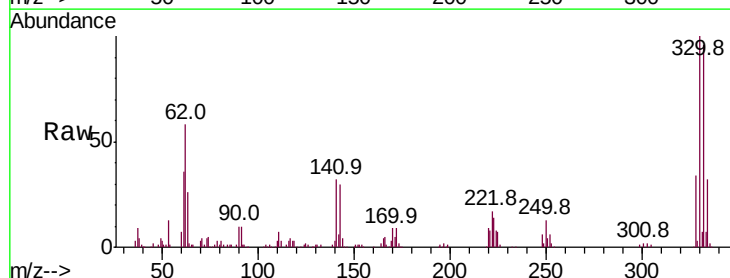


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

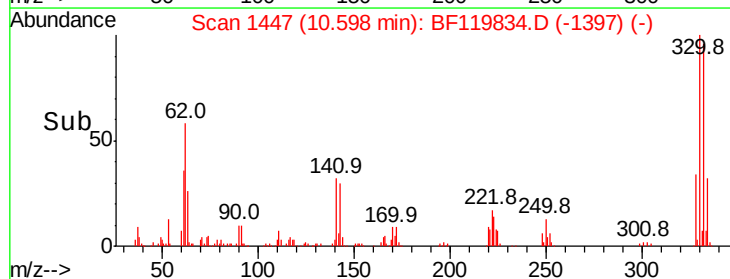
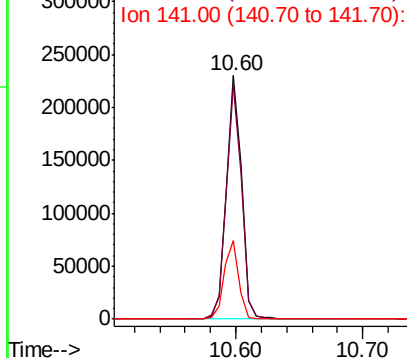


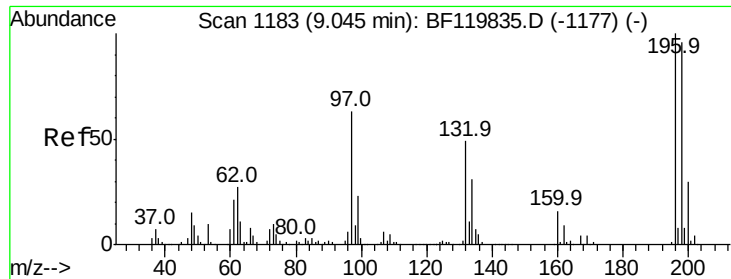
#42
2,4,6-Tribromophenol
Concen: 51.056 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	31.3	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

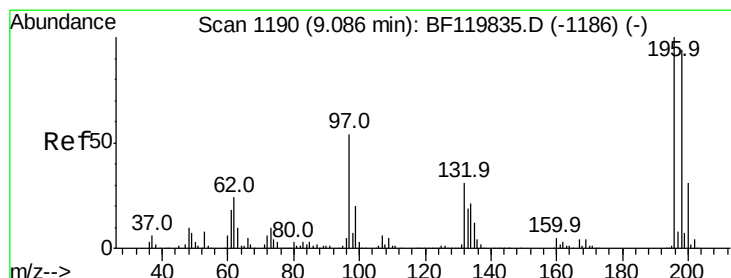
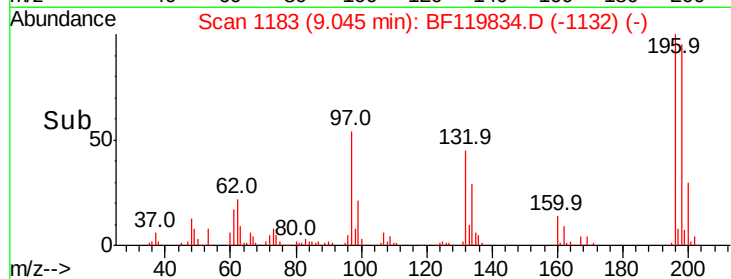
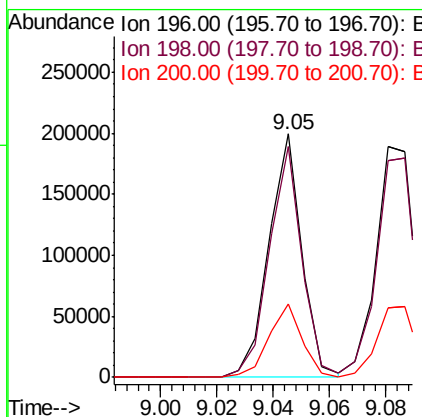
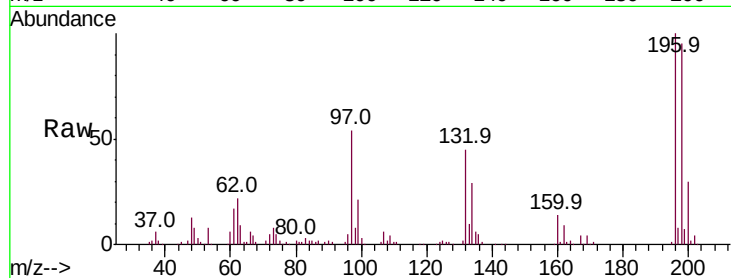




#43
 2,4,6-Trichlorophenol
 Concen: 21.233 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

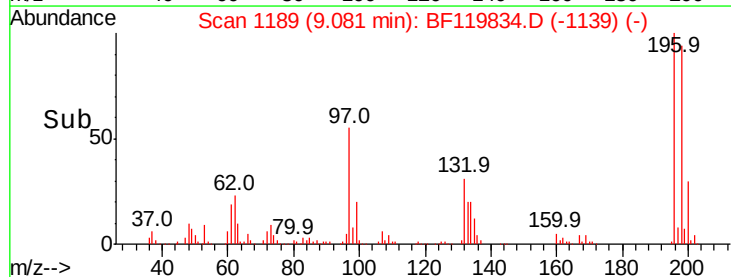
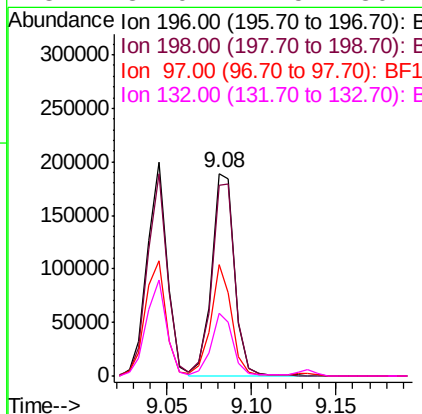
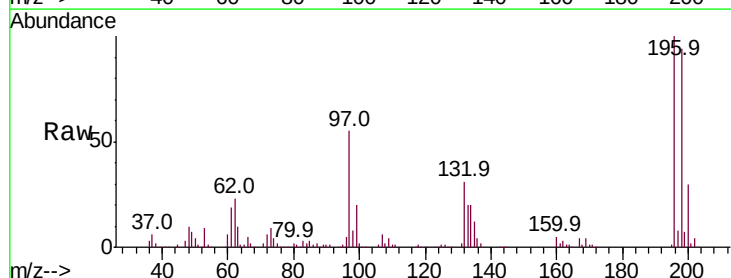
Instrument :
 BNA_F
 ClientSampleId :

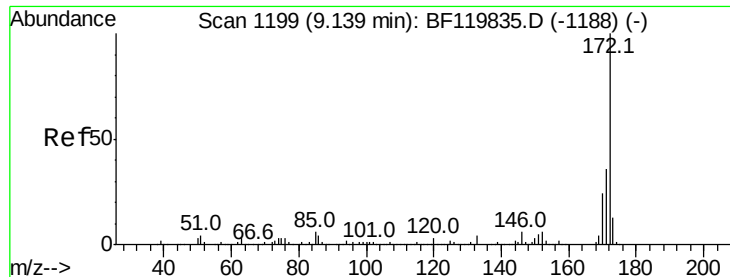
Tot Ion:196 Resp: 161144
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 115.0
 200 29.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 21.370 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion:196 Resp: 181689
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.1 112.7
 97 55.0 43.4 65.2
 132 31.0 24.5 36.7



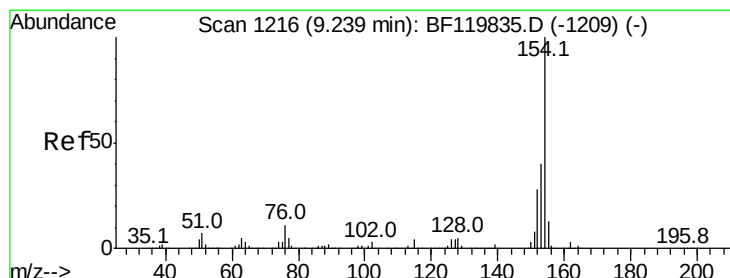
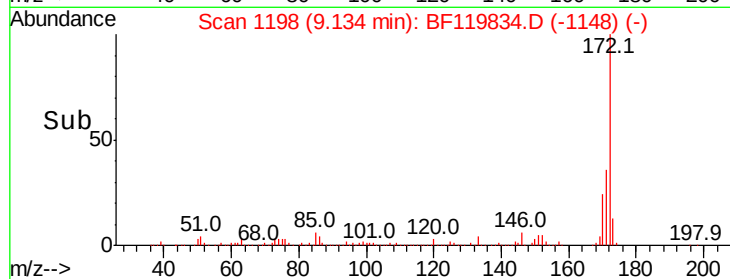
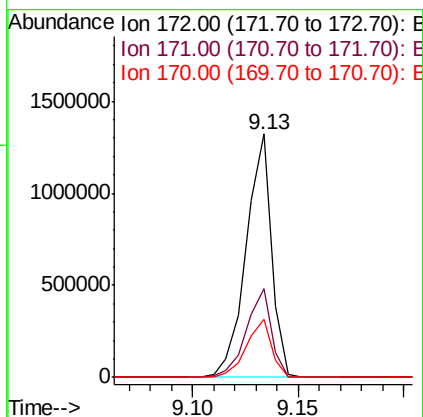
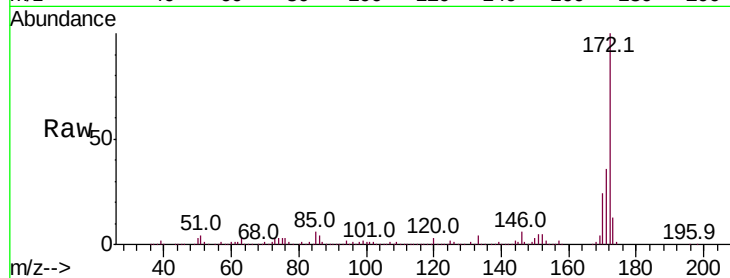


#45
 2-Fluorobiphenyl
 Concen: 45.434 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1109639

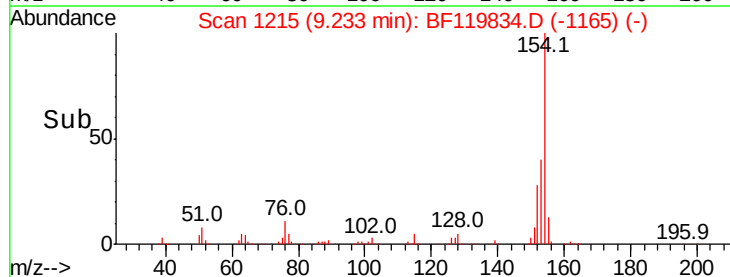
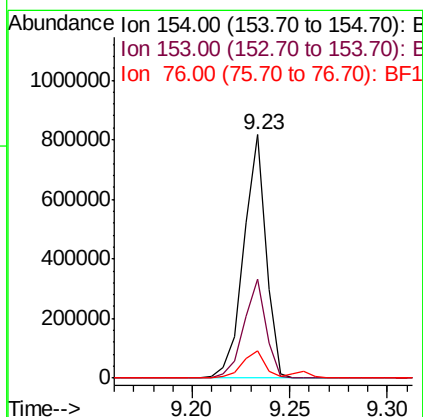
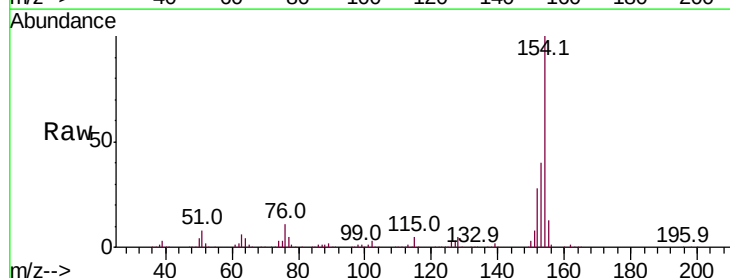
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.9	19.4	29.2

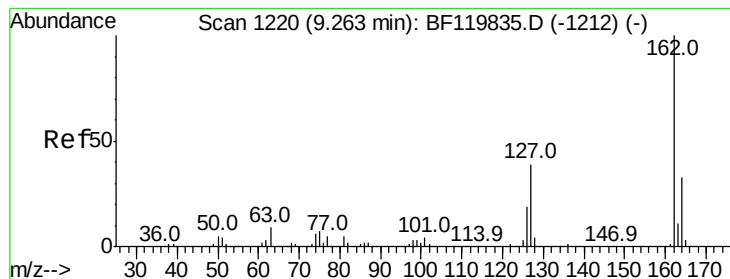


#46
 1,1'-Biphenyl
 Concen: 21.966 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion:154 Resp: 647318

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	11.1	0.0	30.6





#47

2-Chloronaphthalene

Concen: 21.756 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

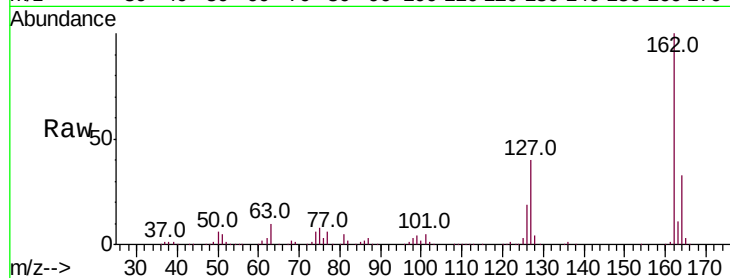
Tot Ion:162 Resp: 502192

Ion Ratio Lower Upper

162 100

127 40.4 31.2 46.8

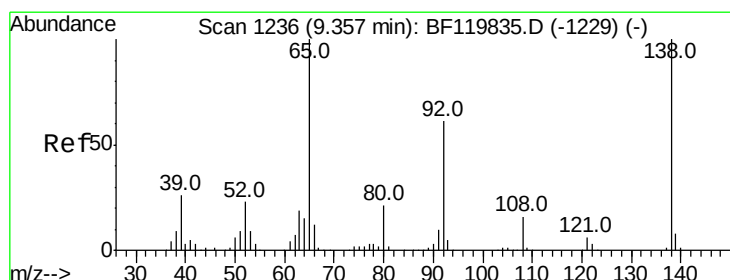
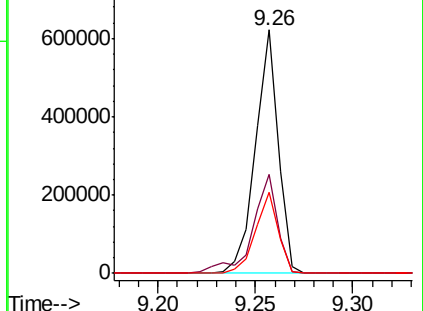
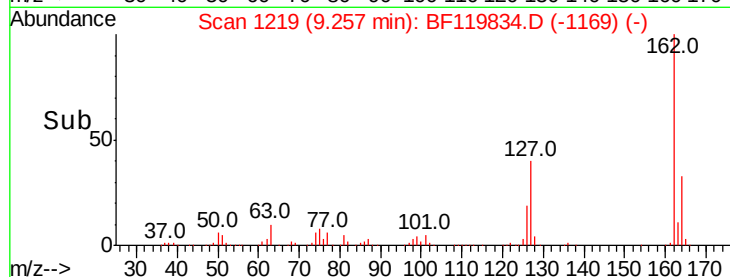
164 33.3 26.3 39.5



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: 22.861 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

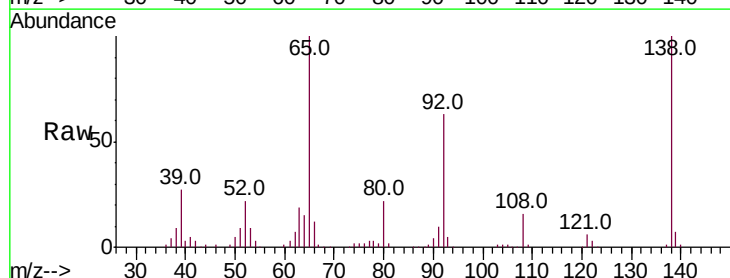
Tgt Ion: 65 Resp: 182143

Ion Ratio Lower Upper

65 100

92 63.5 49.0 73.6

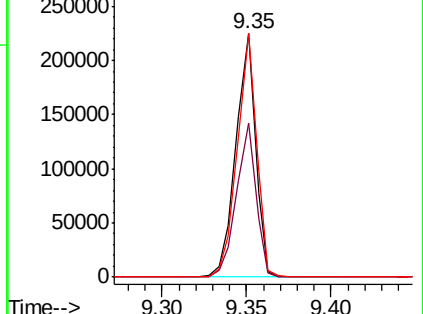
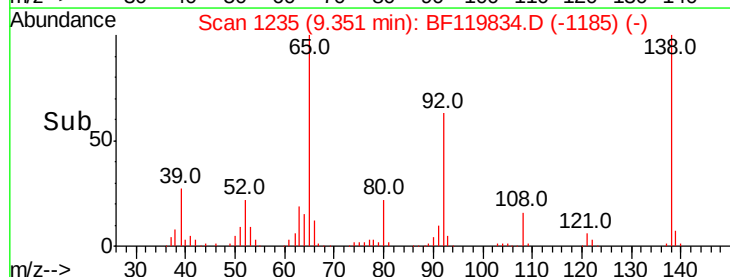
138 100.2 79.7 119.5

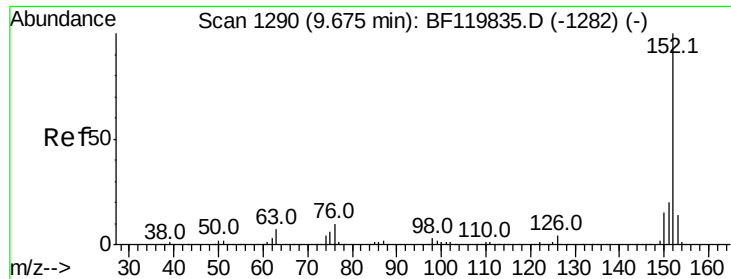


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.950 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

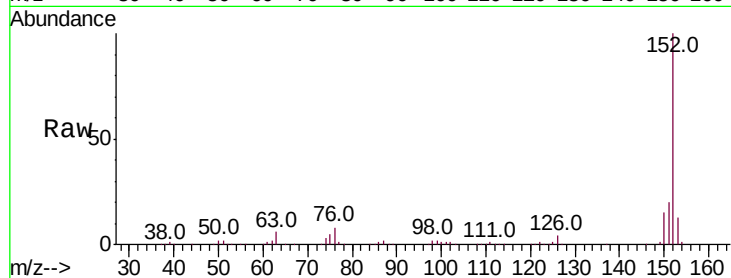
Tot Ion:152 Resp: 795664

Ion Ratio Lower Upper

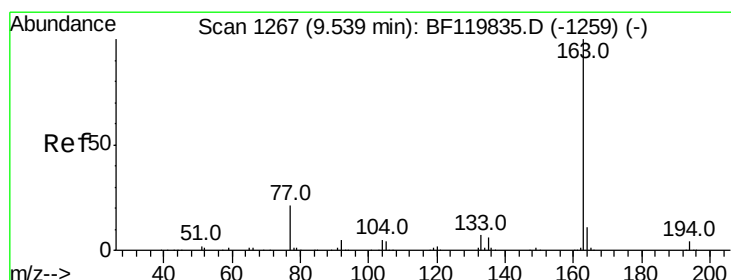
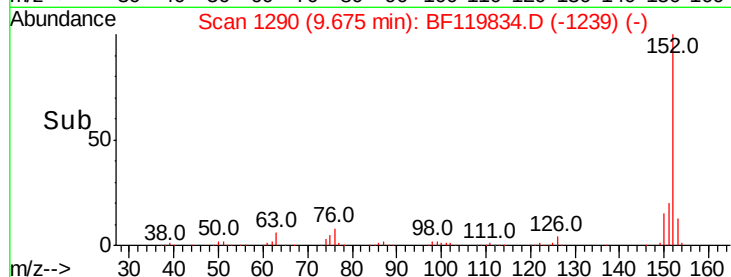
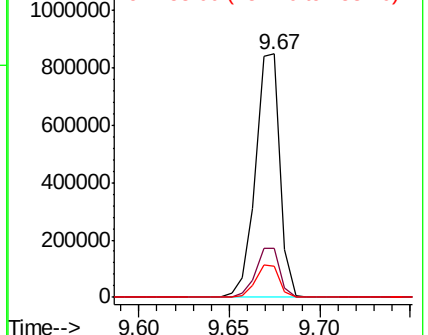
152 100

151 20.3 16.2 24.4

153 13.0 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: 22.905 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

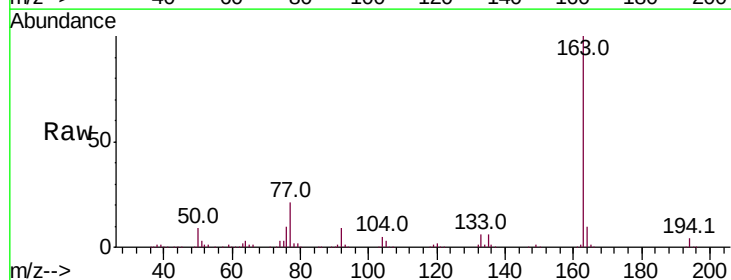
Tgt Ion:163 Resp: 588664

Ion Ratio Lower Upper

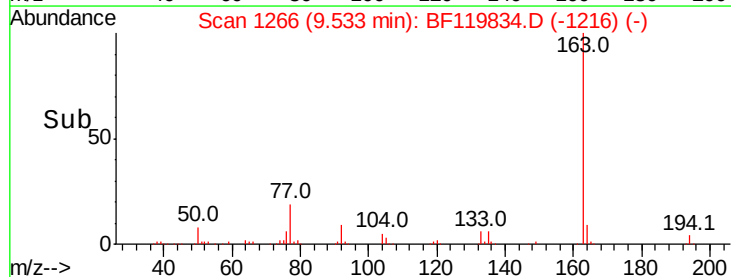
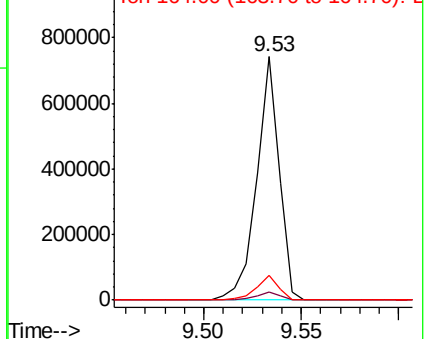
163 100

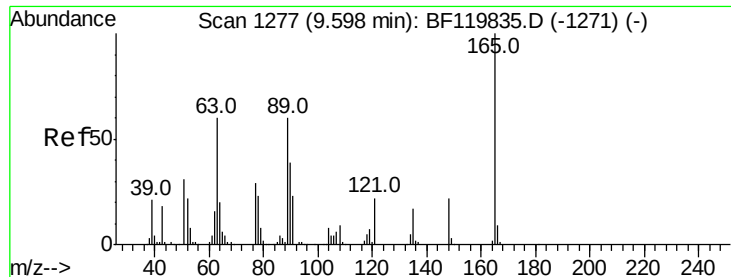
194 3.5 3.0 4.4

164 10.3 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

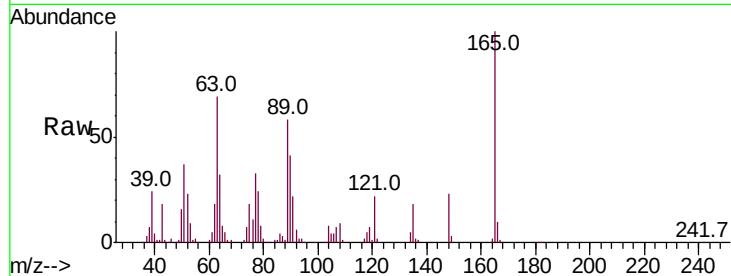




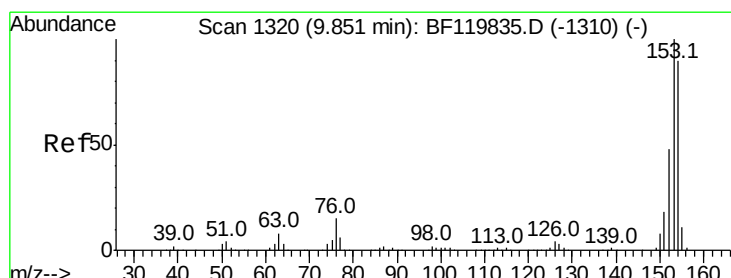
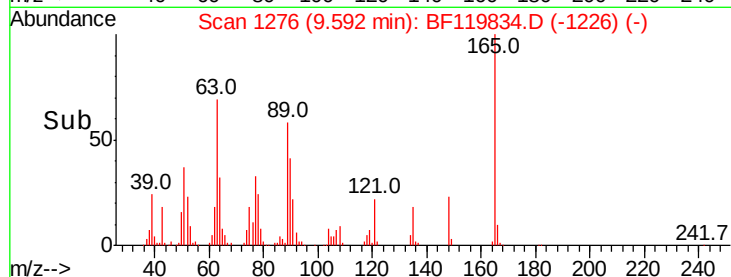
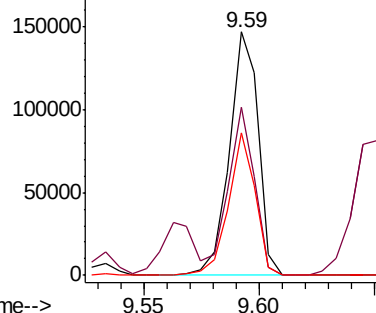
#51
 2,6-Dinitrotoluene
 Concen: 23.277 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.3	55.6	83.4
89	58.5	47.9	71.9

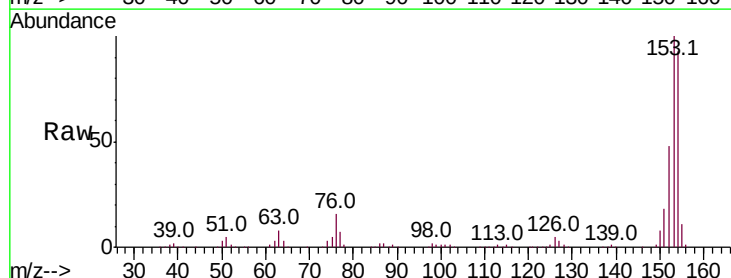


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

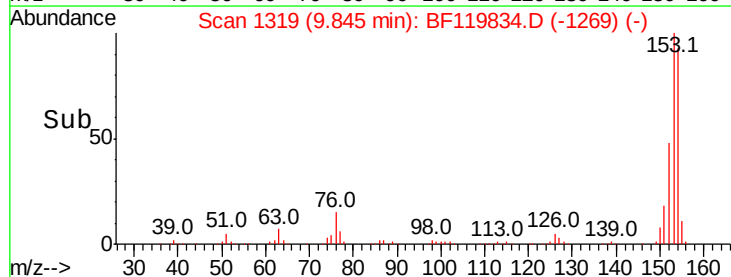
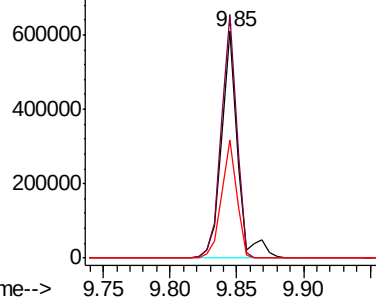


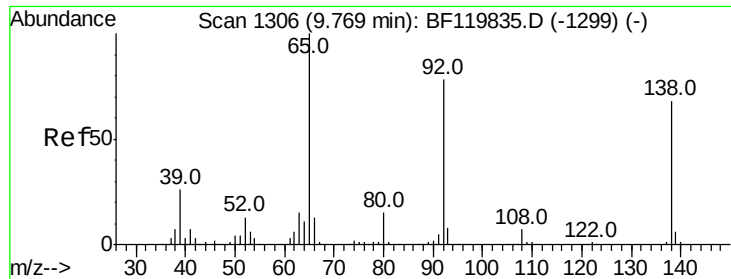
#52
 Acenaphthene
 Concen: 22.498 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.4	88.8	133.2
152	51.9	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: 20.658 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

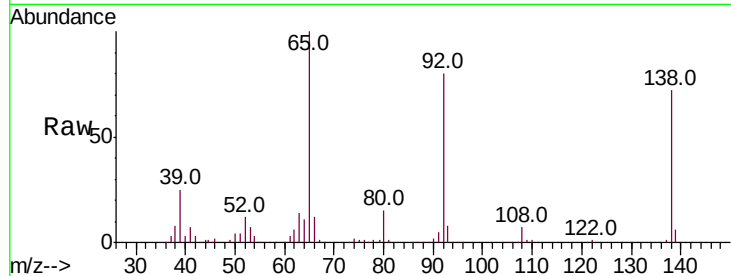
Tot Ion:138 Resp: 143671

Ion Ratio Lower Upper

138 100

108 9.3 8.0 12.0

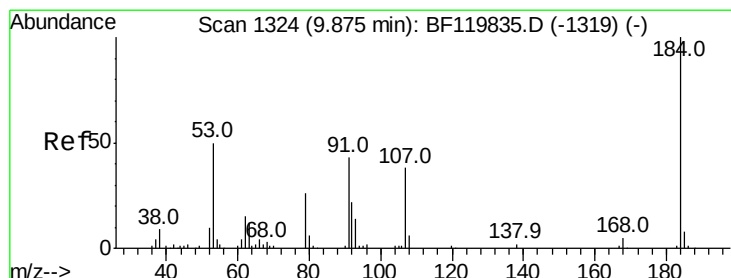
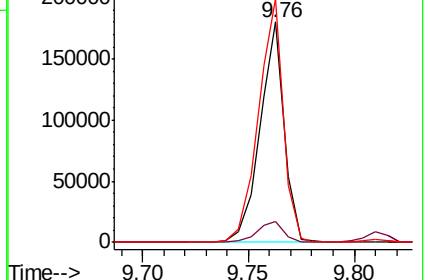
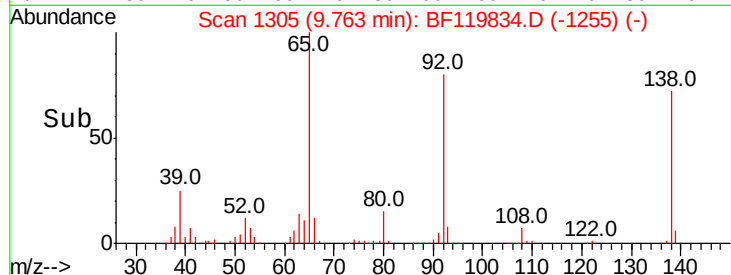
92 110.5 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 34.940 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

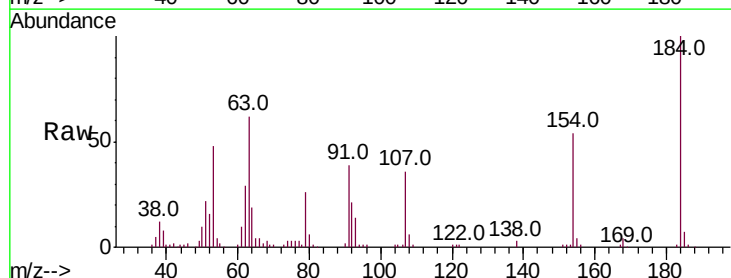
Tgt Ion:184 Resp: 70561

Ion Ratio Lower Upper

184 100

63 61.9 49.8 74.6

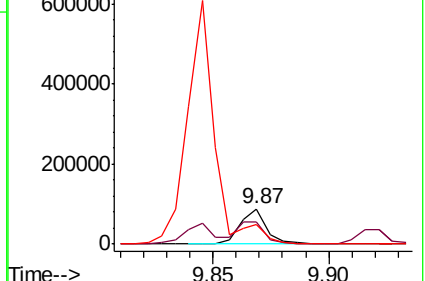
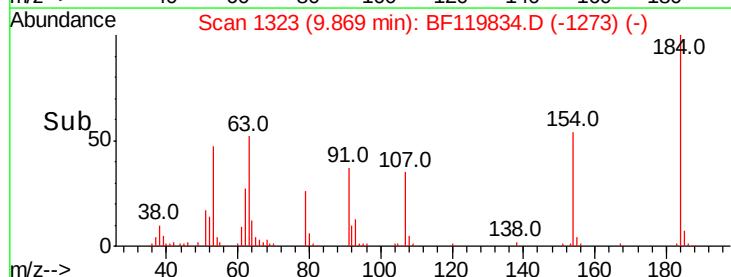
154 53.6 46.5 69.7

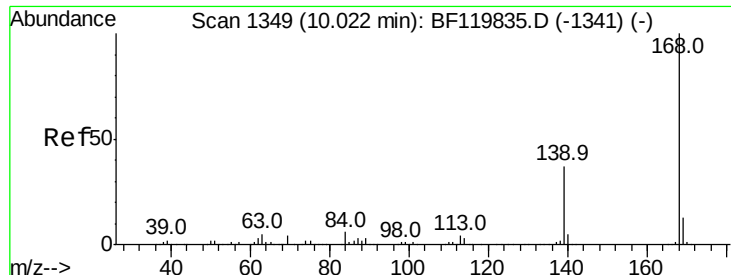


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

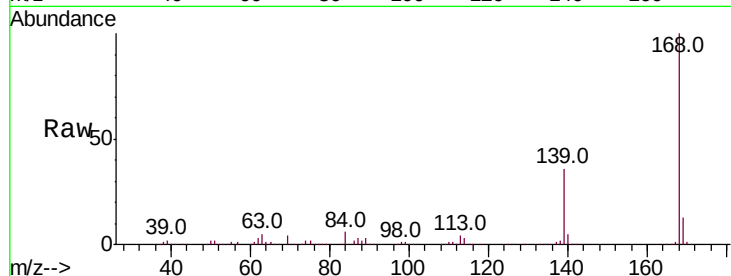




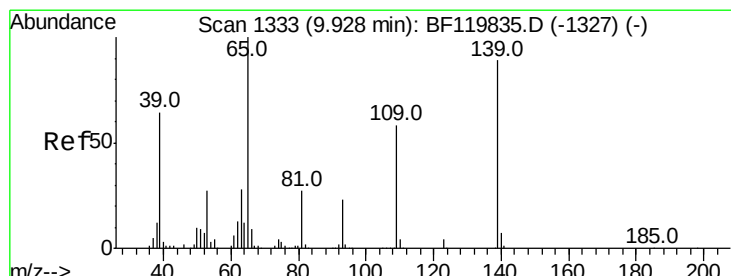
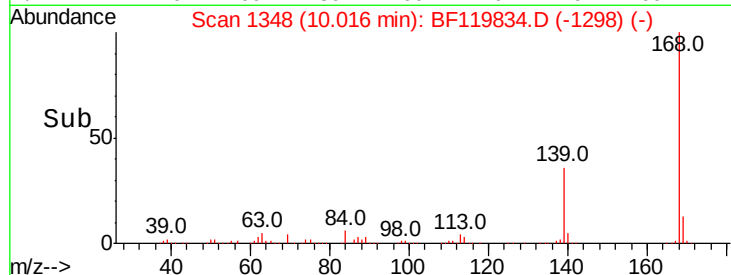
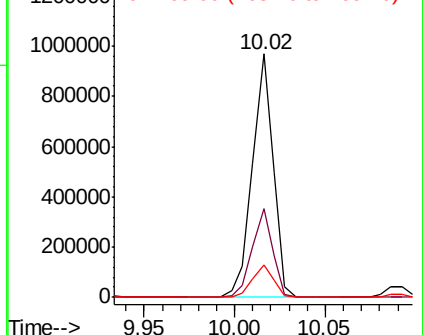
#55
Dibenzenofuran
Concen: 23.937 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 775566
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.6
169 13.3 10.6 15.8

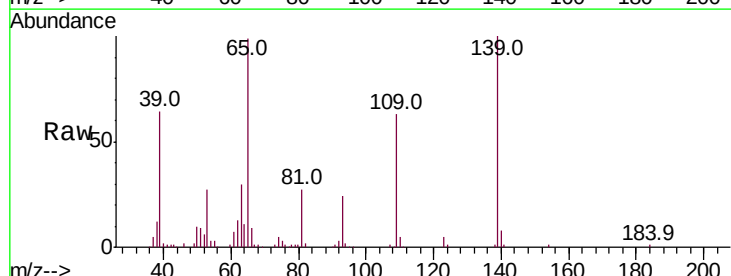


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

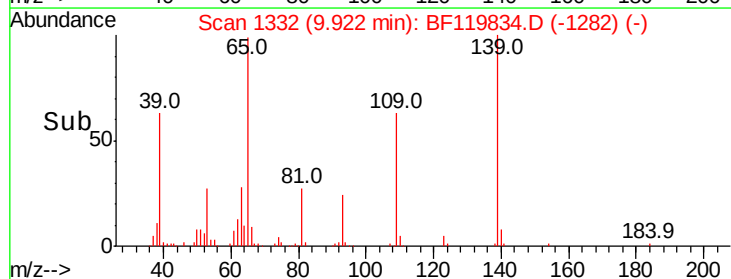
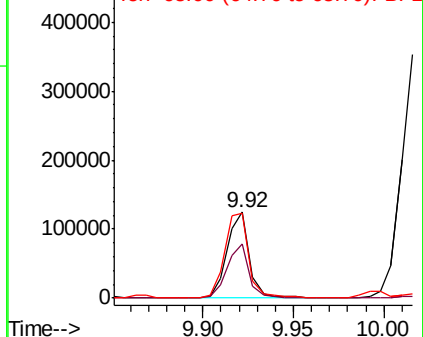


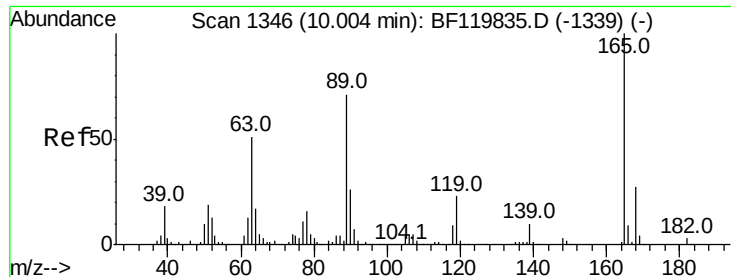
#56
4-Nitrophenol
Concen: 19.524 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion:139 Resp: 107116
Ion Ratio Lower Upper
139 100
109 62.6 45.5 85.5
65 99.5 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

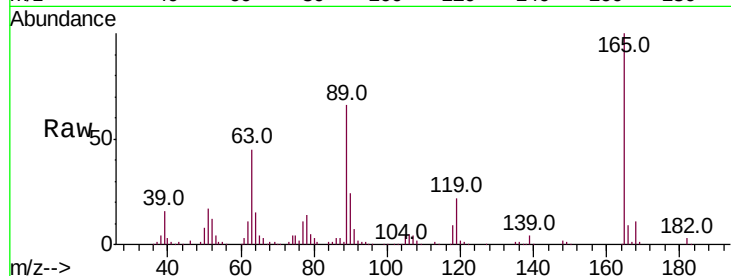




#57
2,4-Dinitrotoluene
Concen: 26.989 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.4	40.8	61.2
89	66.0	56.9	85.3
182	2.7	2.0	3.0



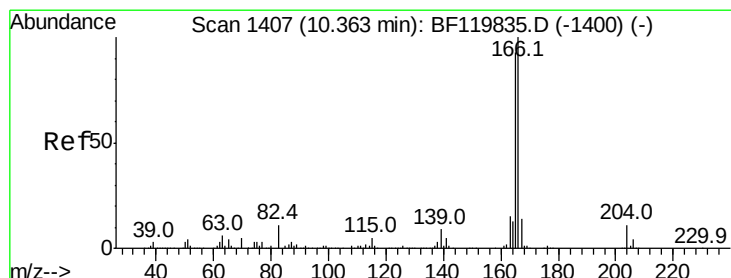
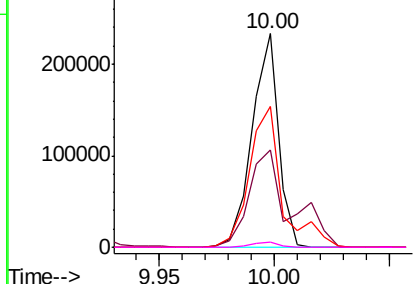
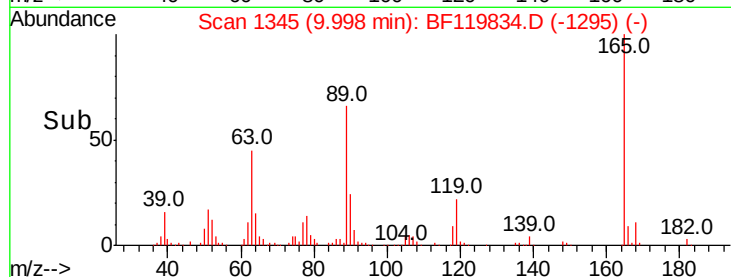
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

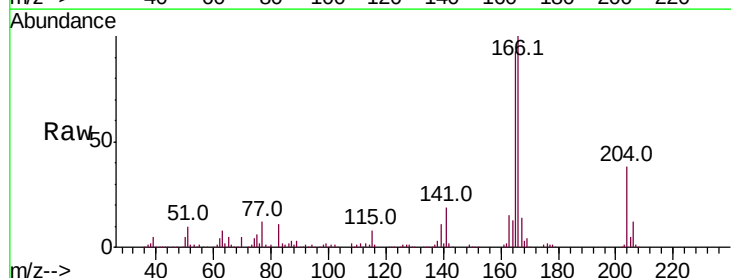
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 24.469 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	74.2	111.2
167	13.8	10.8	16.2

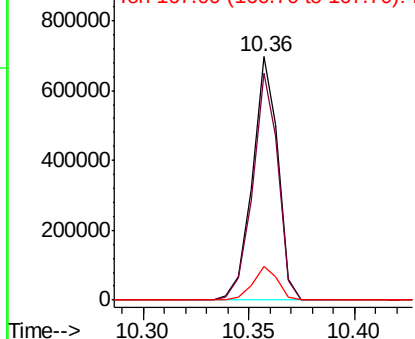
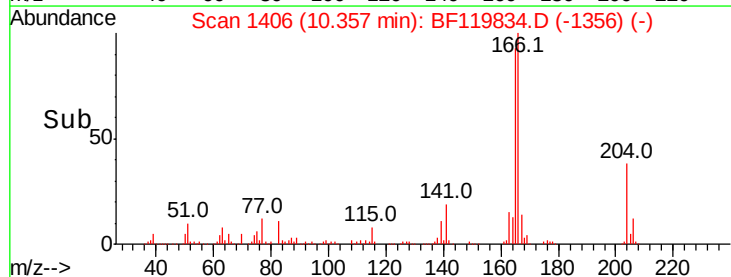


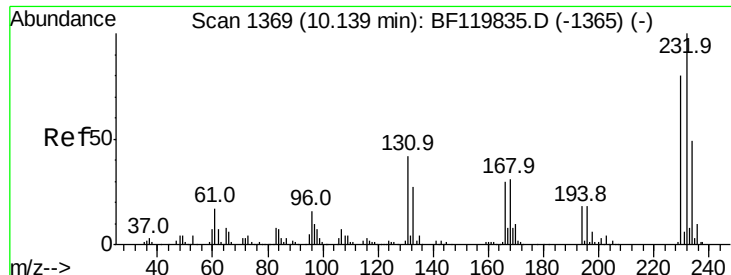
Abundance

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

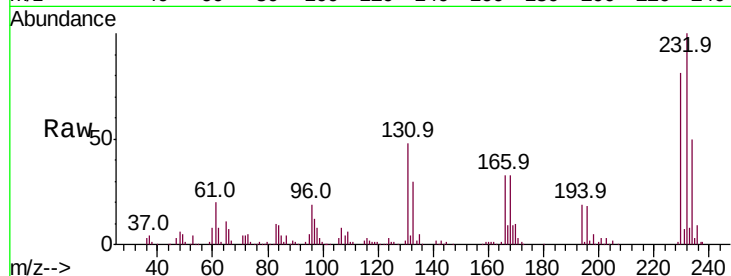




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 24.665 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.9	56.9
130	2.1	1.8	2.6
166	31.7	25.4	38.0



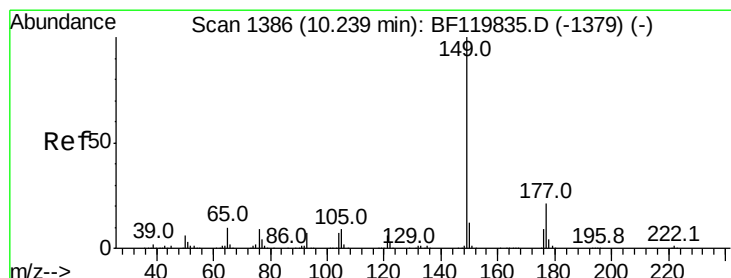
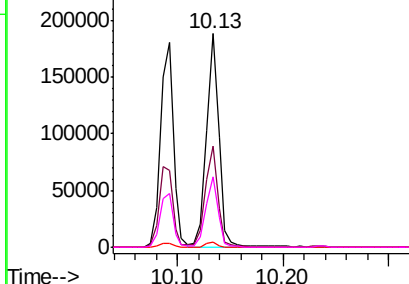
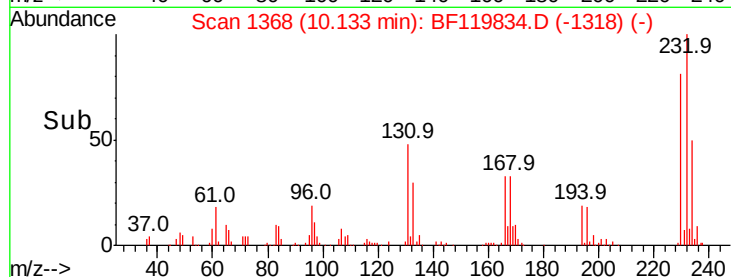
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

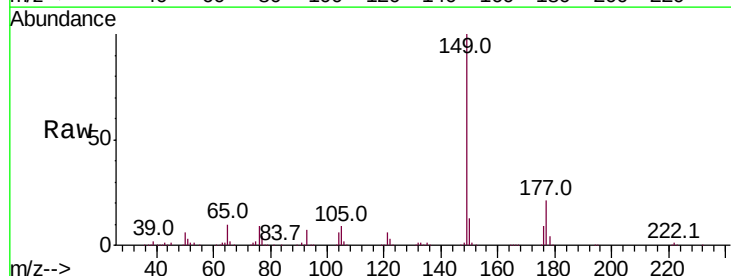
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 25.039 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.8	25.2
150	12.8	9.8	14.6

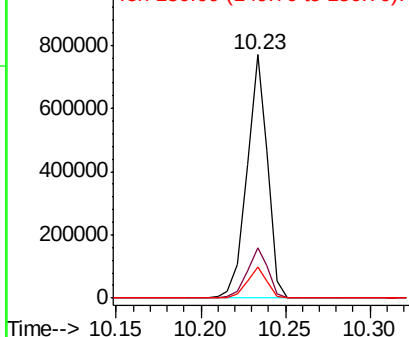
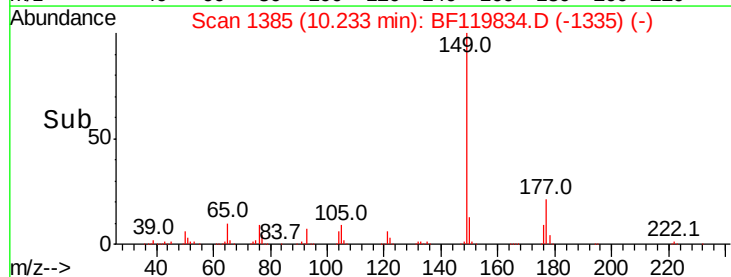


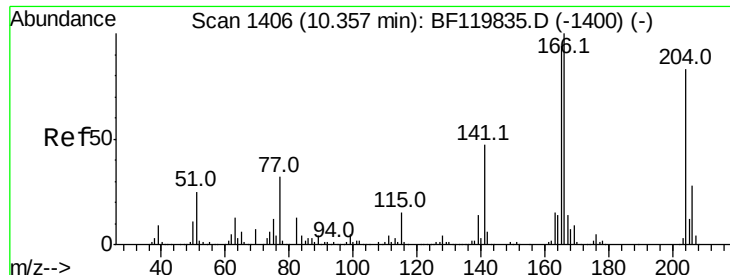
Abundance

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

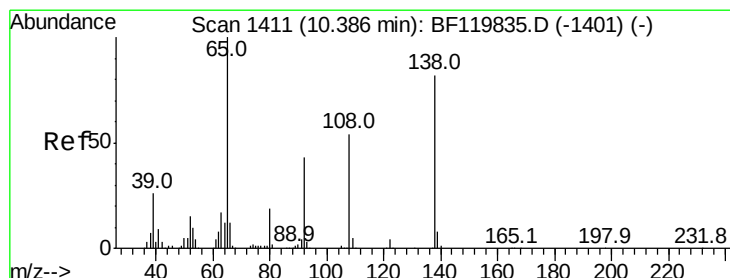
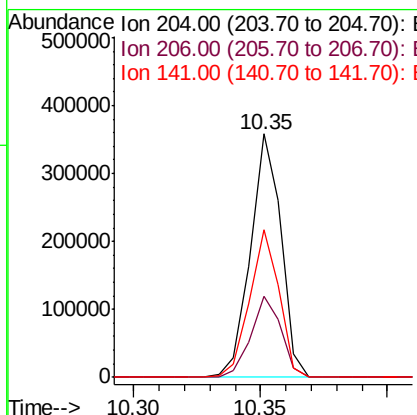
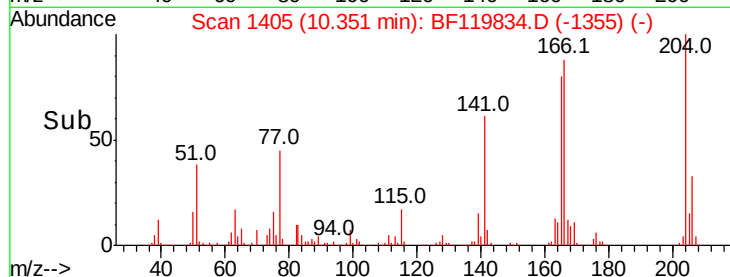
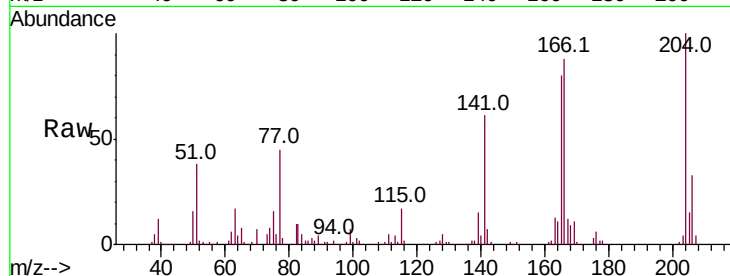




#61
 4-Chlorophenyl-phenylether
 Concen: 25.663 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

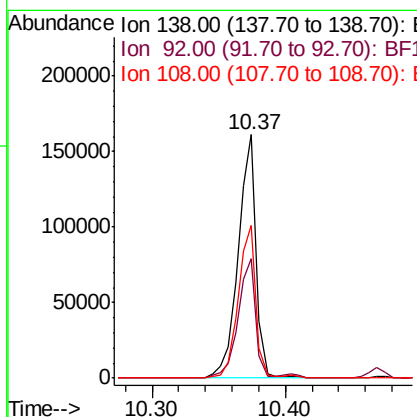
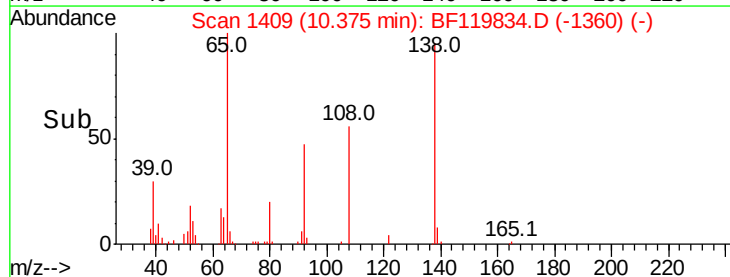
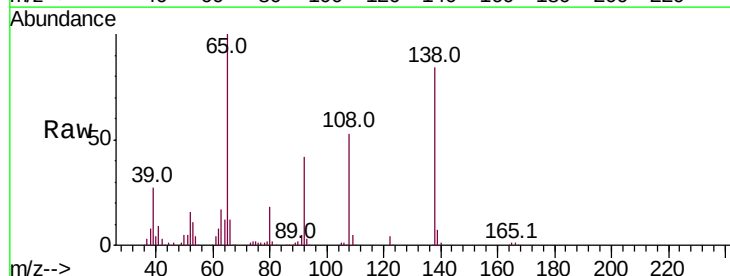
Instrument :
 BNA_F
 ClientSampled :

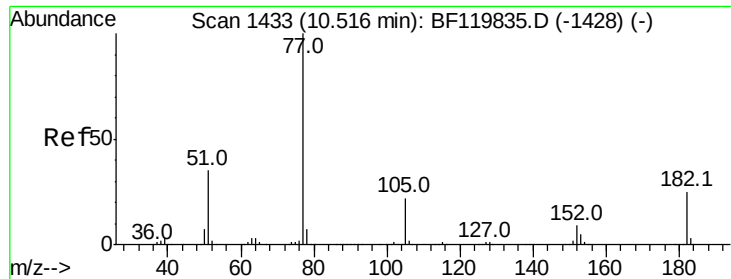
Tot Ion:	204	Resp:	300680
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	60.7	45.8	68.8



#62
 4-Nitroaniline
 Concen: 22.704 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion:	138	Resp:	151418
Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.6	71.6
108	62.8	45.2	85.2





#63

Azobenzene

Concen: 21.300 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 559498

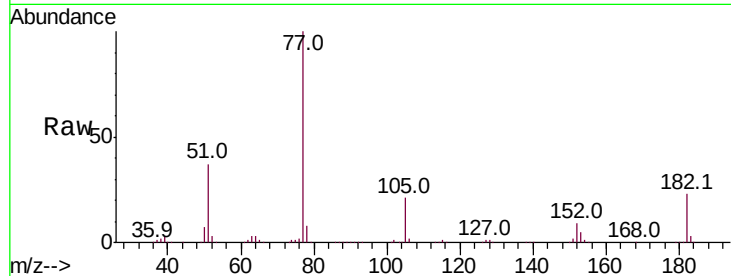
Ion Ratio Lower Upper

77 100

182 22.5 4.5 44.5

105 21.4 2.2 42.2

51 36.7 15.1 55.1

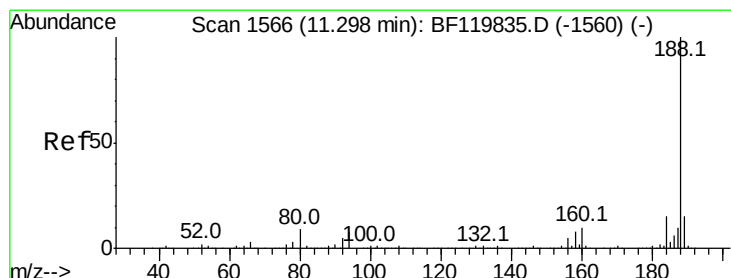
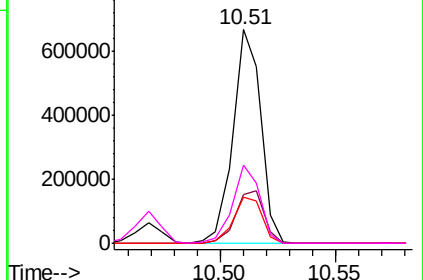
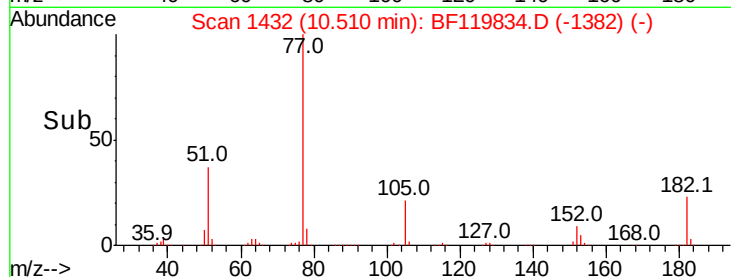


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

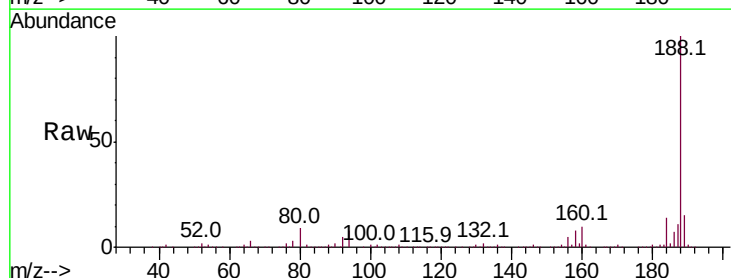
Tgt Ion:188 Resp: 746542

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

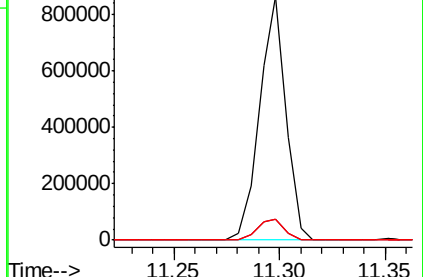
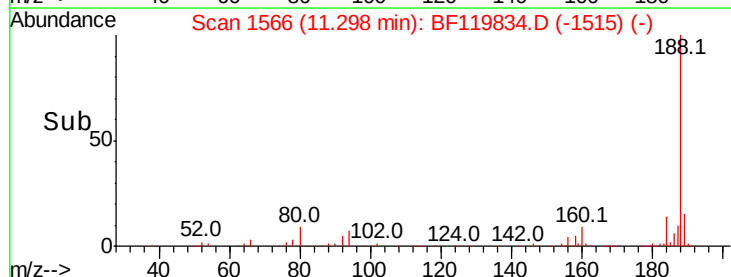
80 8.8 7.4 11.2

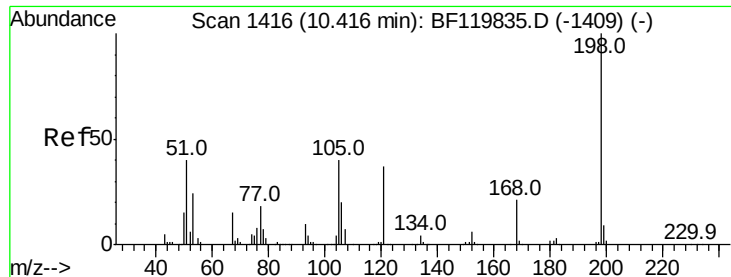


Abundance Ion 188.00 (187.70 to 188.70): E

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: 30.786 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

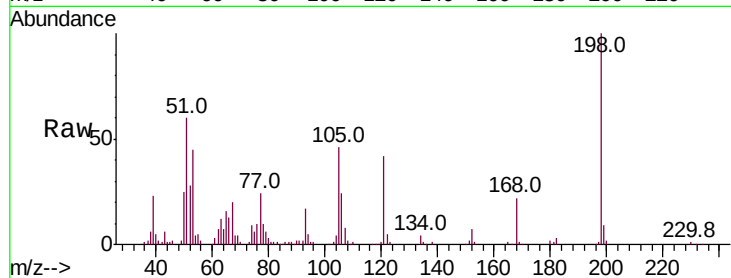
Tot Ion:198 Resp: 96373

Ion Ratio Lower Upper

198 100

51 60.3 25.2 65.2

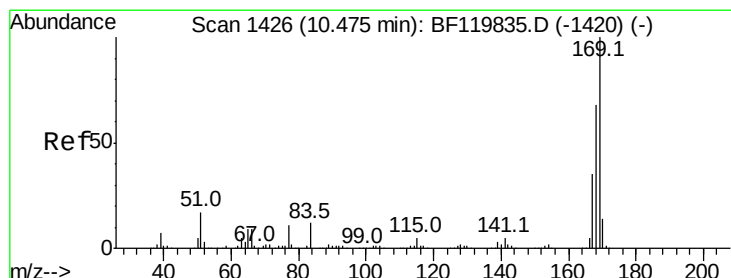
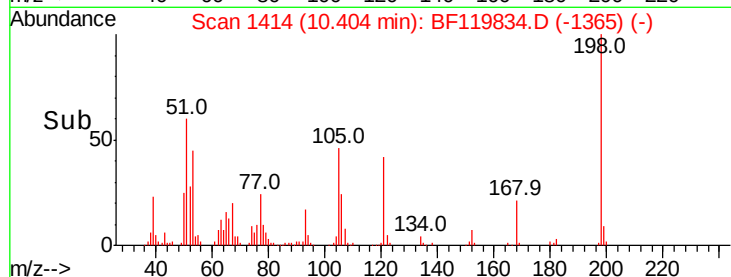
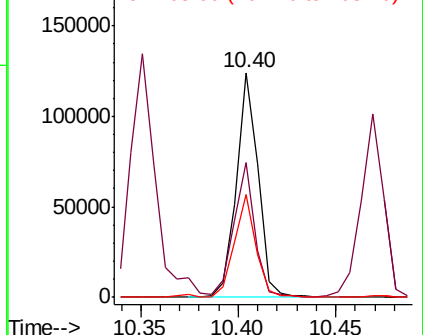
105 46.0 20.8 60.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 19.903 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

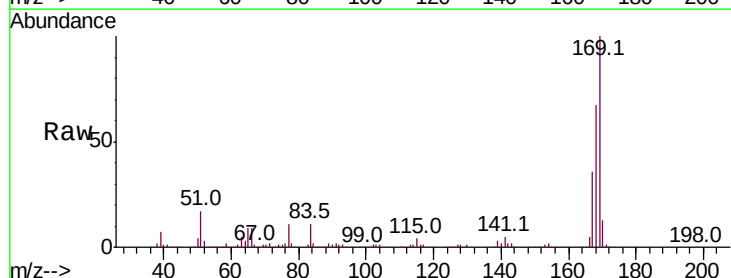
Tgt Ion:169 Resp: 487789

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.4

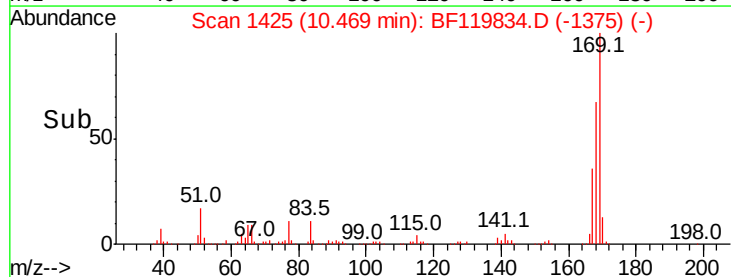
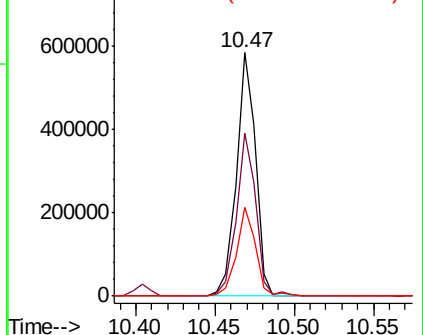
167 36.3 28.3 42.5

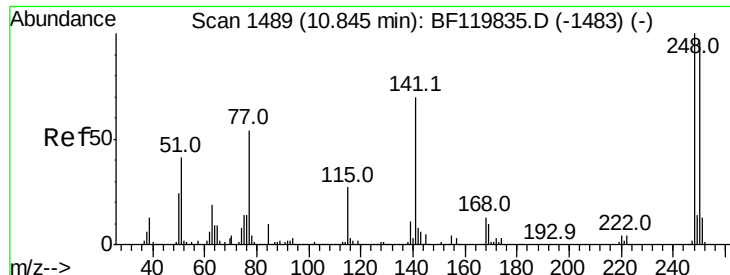


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

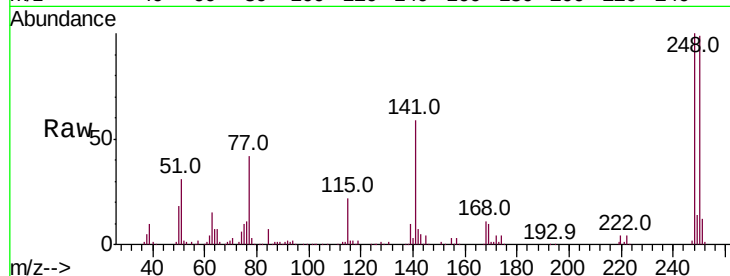




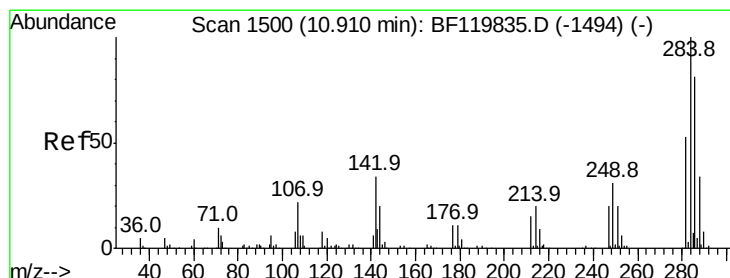
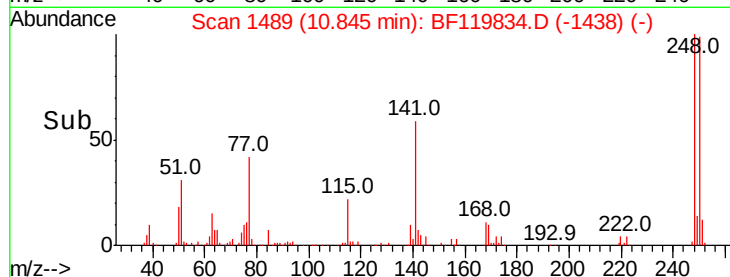
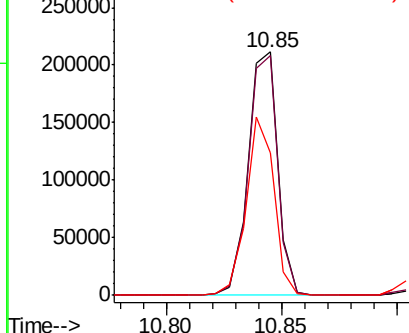
#67
 4-Bromophenyl-phenylether
 Concen: 22.322 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 189785
 Ion Ratio Lower Upper
 248 100
 250 98.5 76.6 114.8
 141 58.7 55.9 83.9

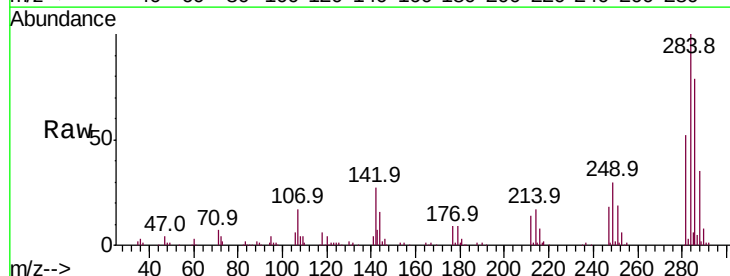


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

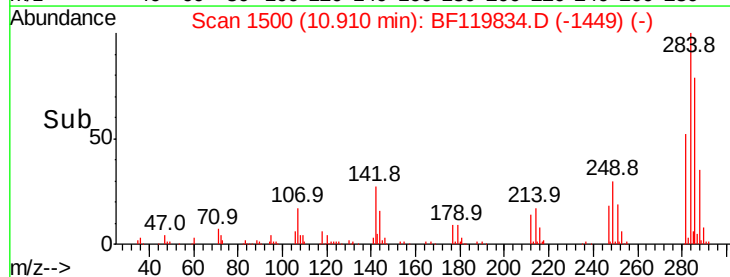
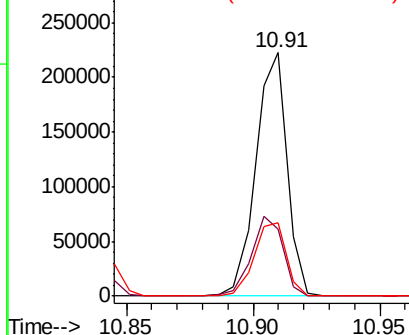


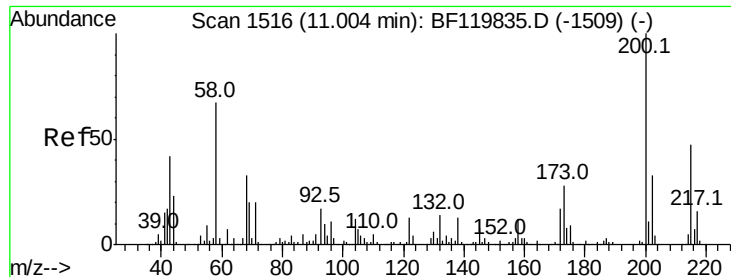
#68
 Hexachlorobenzene
 Concen: 21.955 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion:284 Resp: 191050
 Ion Ratio Lower Upper
 284 100
 142 27.4 26.9 40.3
 249 30.1 24.6 37.0



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





#69

Atrazine

Concen: 21.233 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

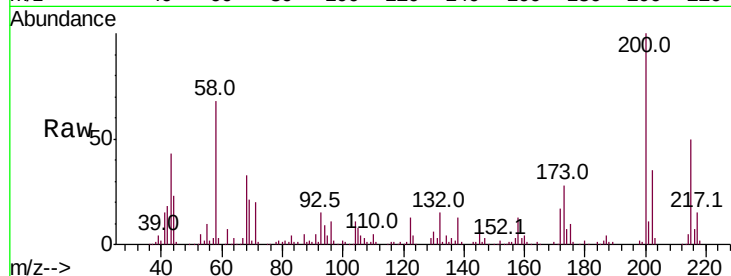
Tot Ion:200 Resp: 142658

Ion Ratio Lower Upper

200 100

173 27.7 8.0 48.0

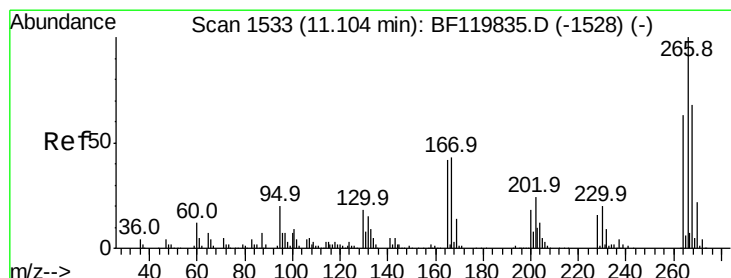
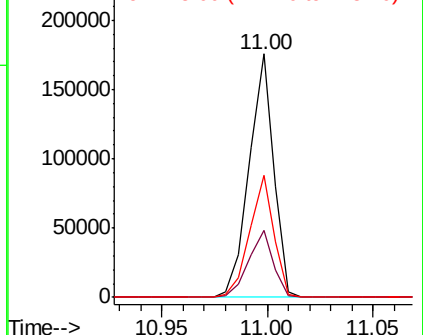
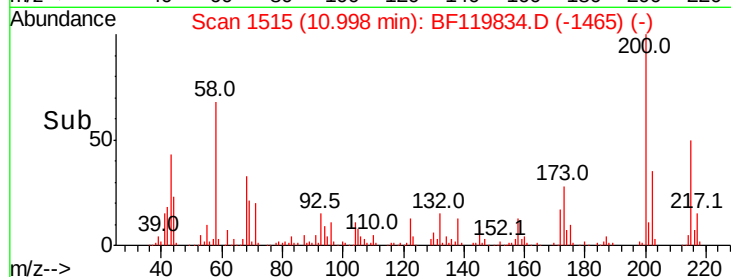
215 50.3 27.1 67.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 22.251 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

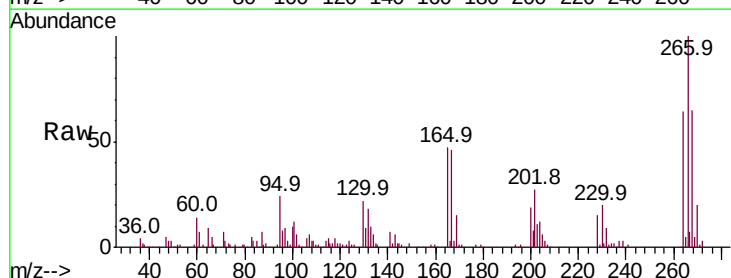
Tgt Ion:266 Resp: 113531

Ion Ratio Lower Upper

266 100

268 65.1 54.2 81.4

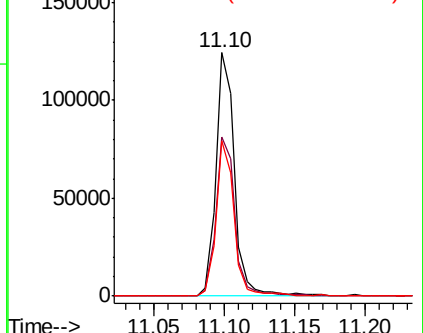
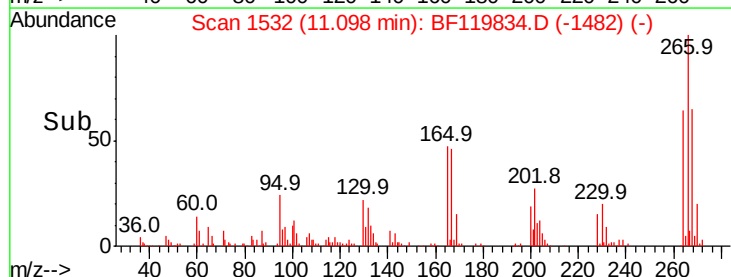
264 63.5 50.6 76.0

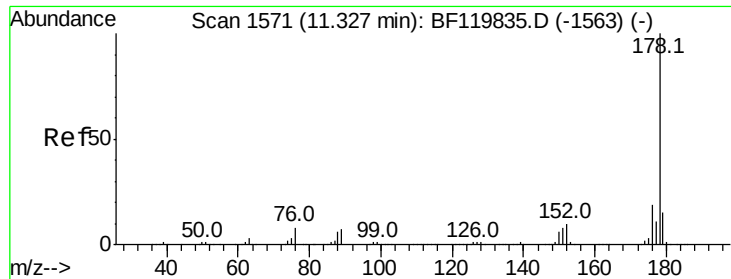


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

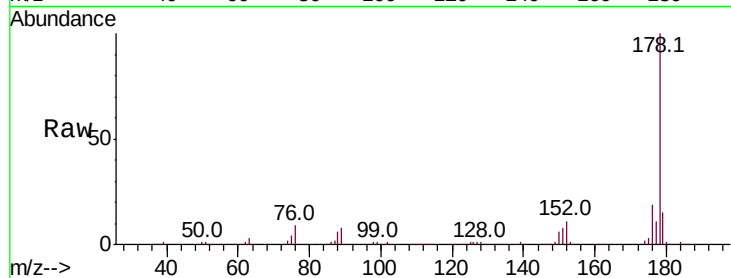




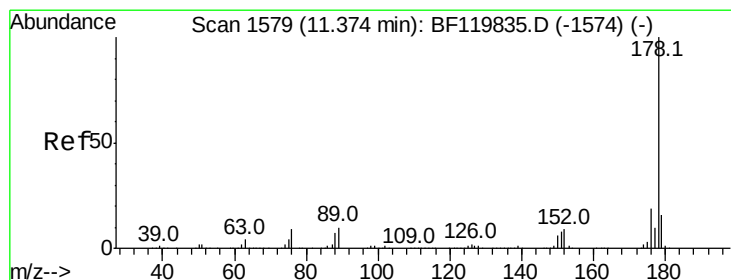
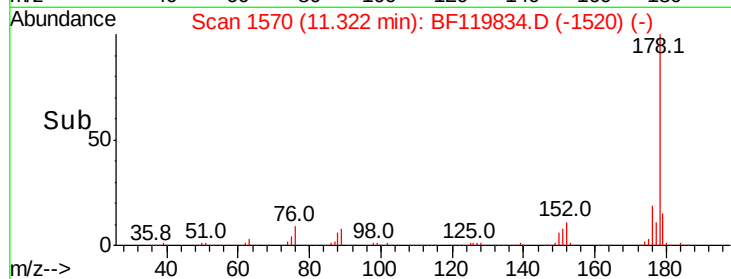
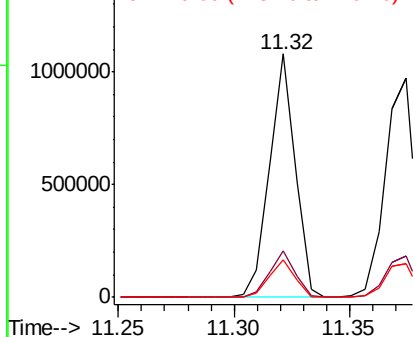
#71
Phenanthrene
Concen: 21.634 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 837454
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.4 12.2 18.4

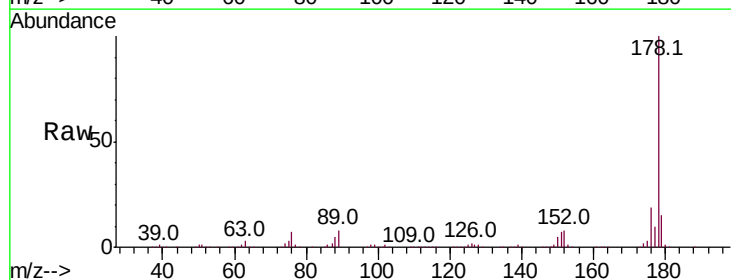


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

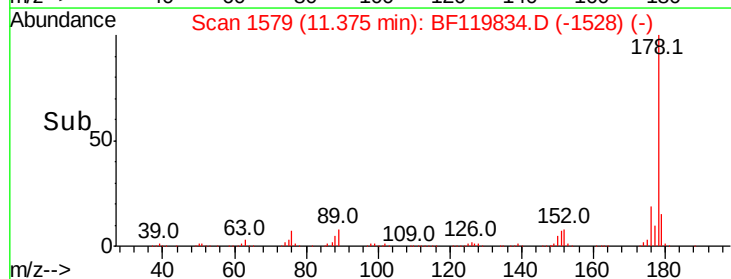
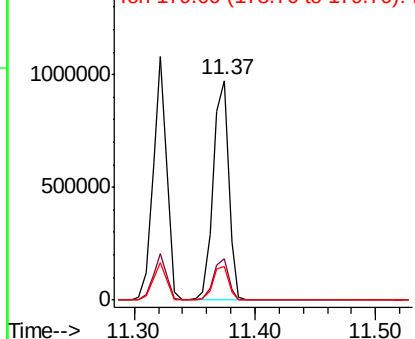


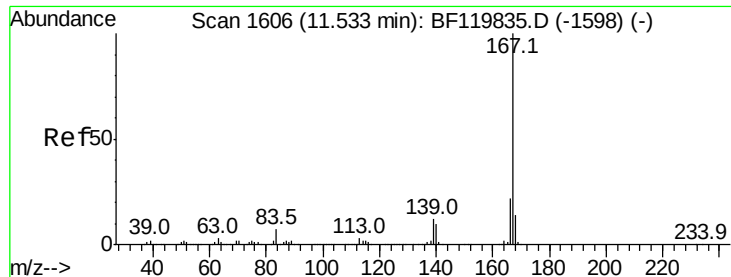
#72
Anthracene
Concen: 21.778 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion:178 Resp: 856804
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.5 12.8 19.2



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

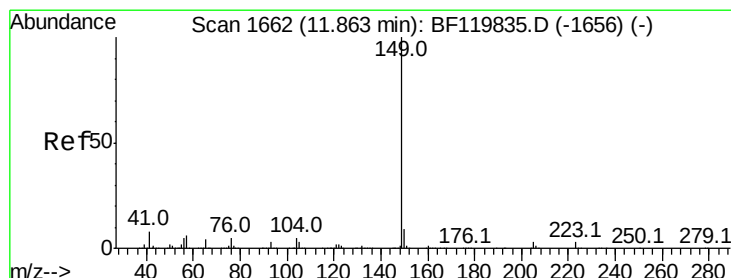
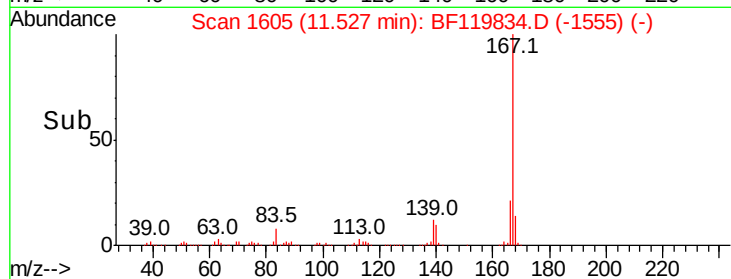
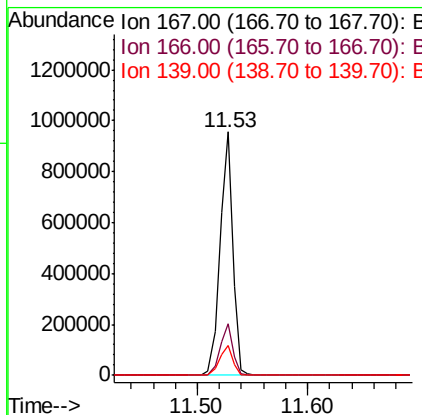
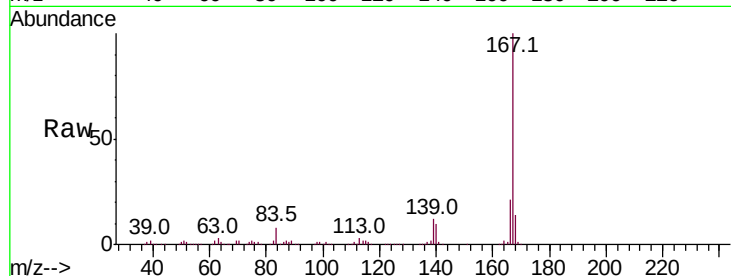




#73
 Carbazole
 Concen: 19.759 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

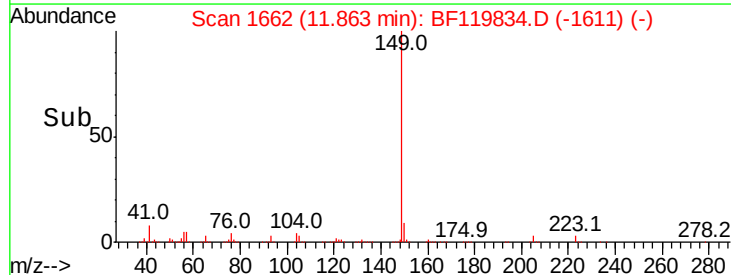
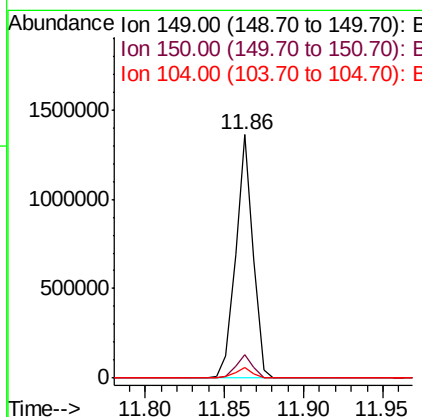
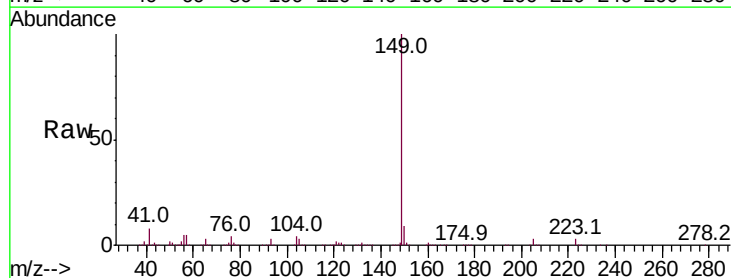
Instrument :
 BNA_F
 ClientSampleId :

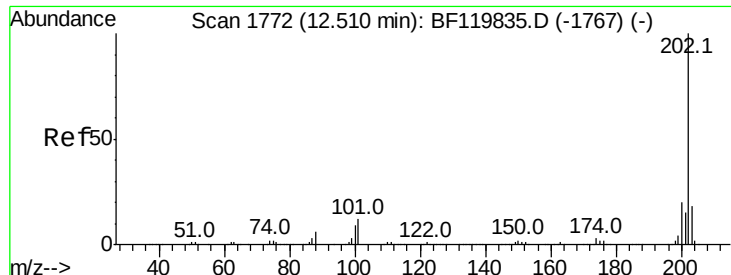
Tot Ion:167 Resp: 769464
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.3 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 24.608 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion:149 Resp: 1025098
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.4 3.8 5.6

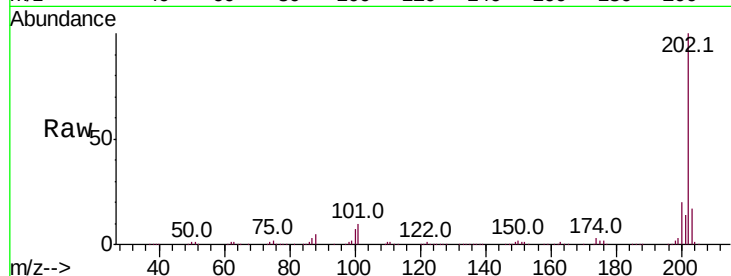




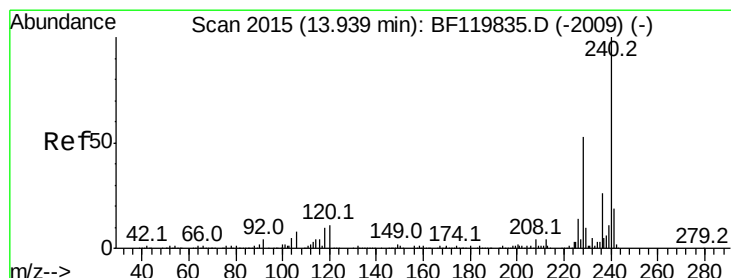
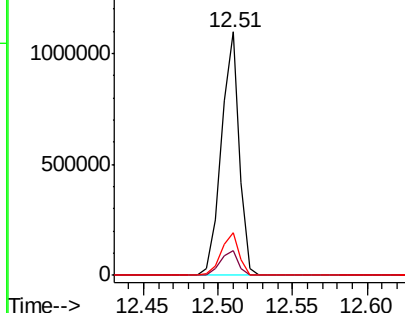
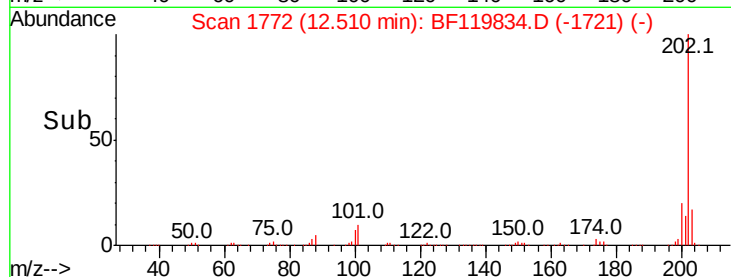
#75
 Fluoranthene
 Concen: 22.069 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.3
203	17.4	0.0	37.6

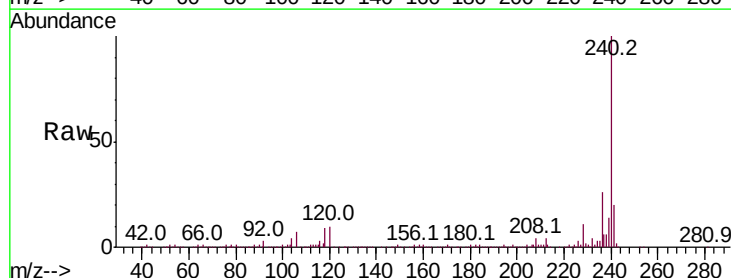


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

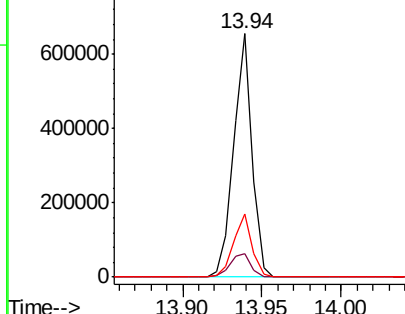
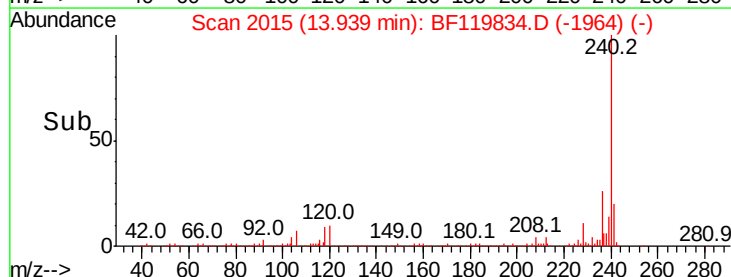


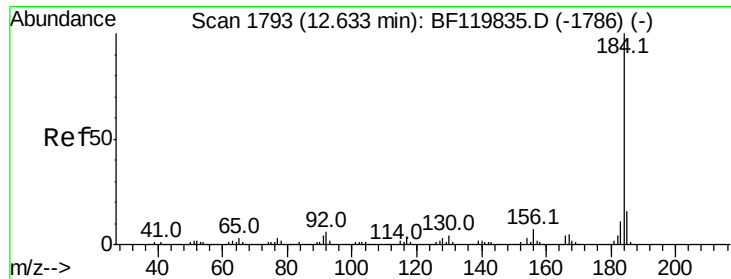
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF119834.D
 Acq: 8 Apr 2020 19:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.6
236	25.8	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: 17.321 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

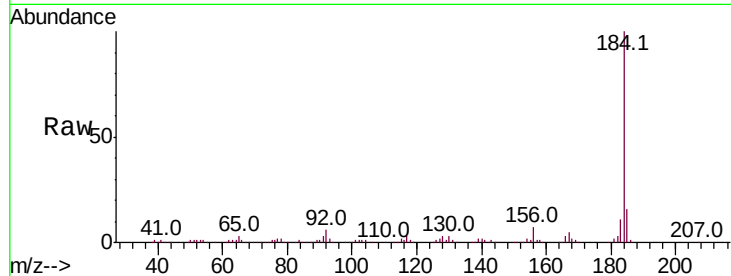
Tot Ion:184 Resp: 385845

Ion Ratio Lower Upper

184 100

185 15.8 13.2 19.8

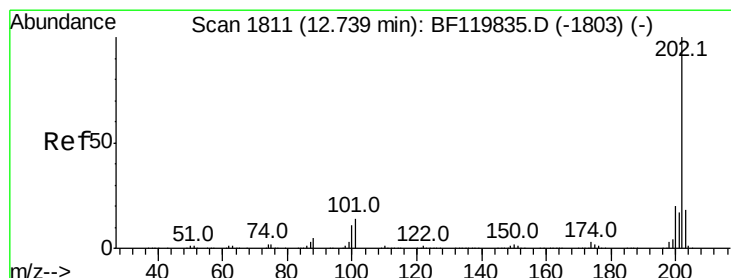
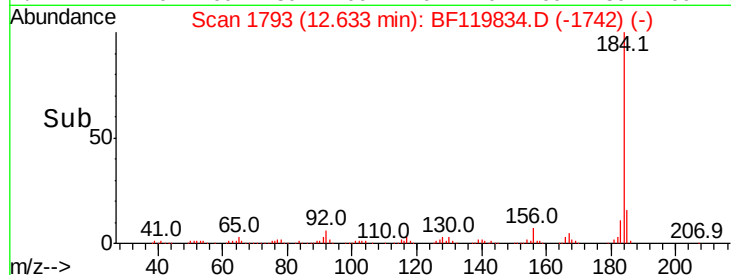
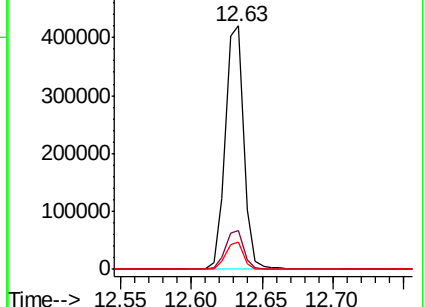
183 11.1 9.1 13.7



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: 20.323 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

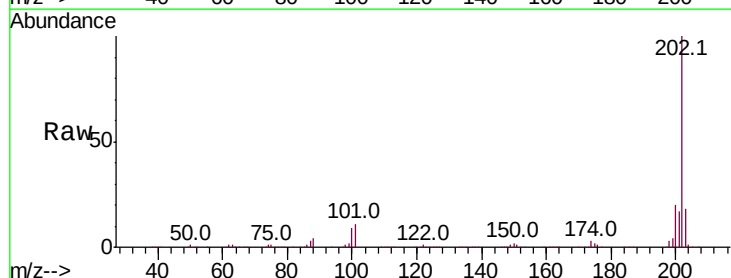
Tgt Ion:202 Resp: 877925

Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

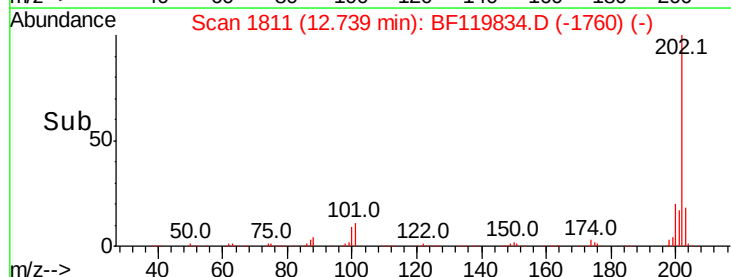
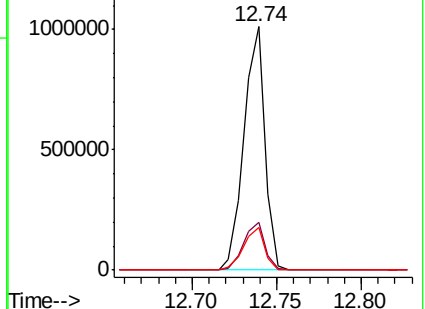
203 17.7 14.1 21.1

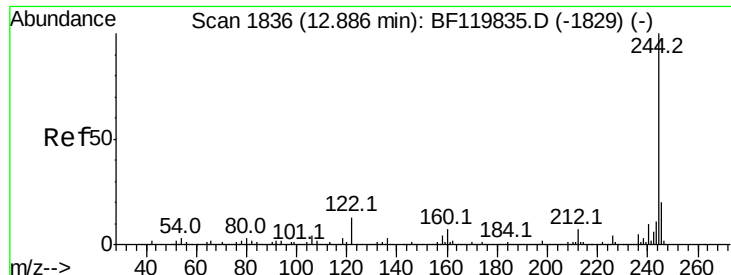


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.108 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

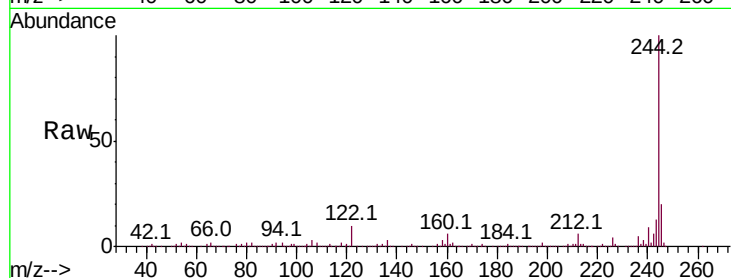
Tot Ion:244 Resp: 1346247

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

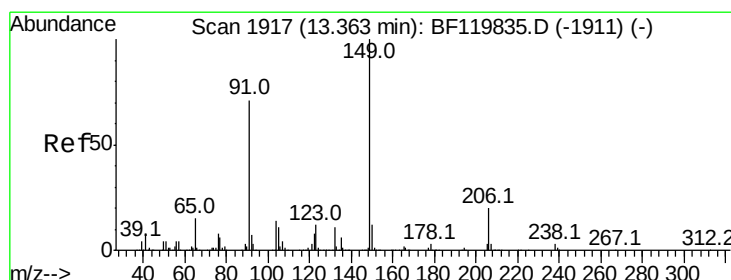
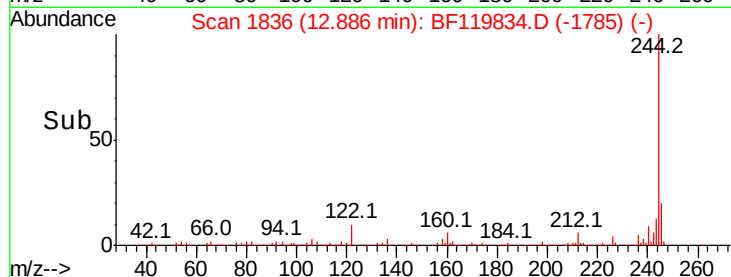
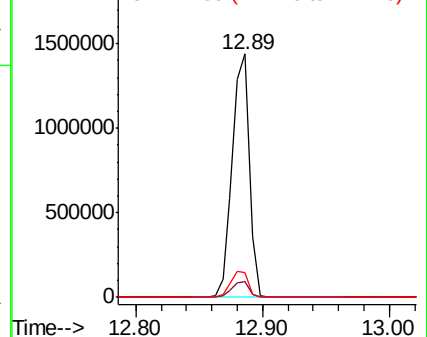
122 10.0 10.3 15.5#



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: 25.446 ng

RT: 13.36 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

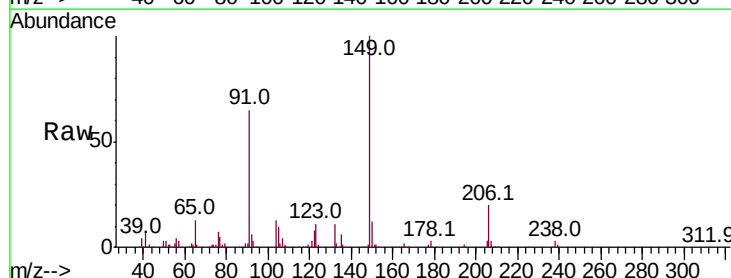
Tgt Ion:149 Resp: 444601

Ion Ratio Lower Upper

149 100

91 65.2 56.7 85.1

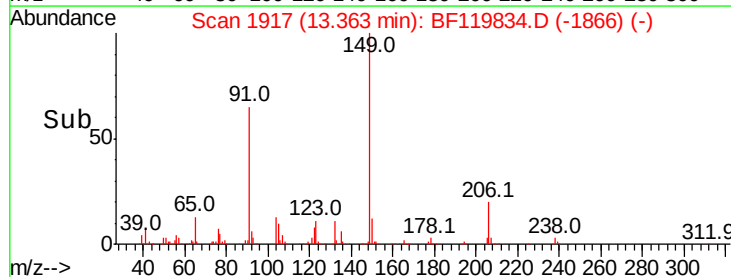
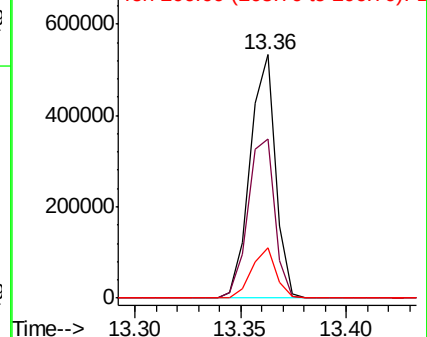
206 20.5 15.7 23.5

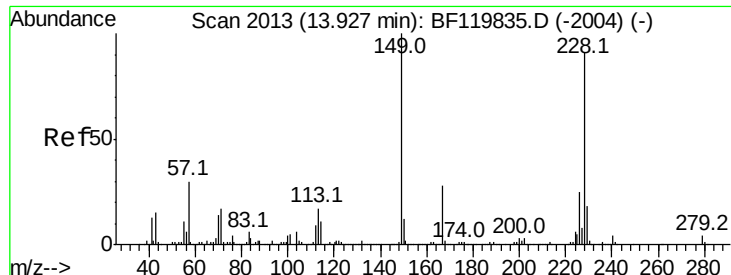


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 21.518 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampled :

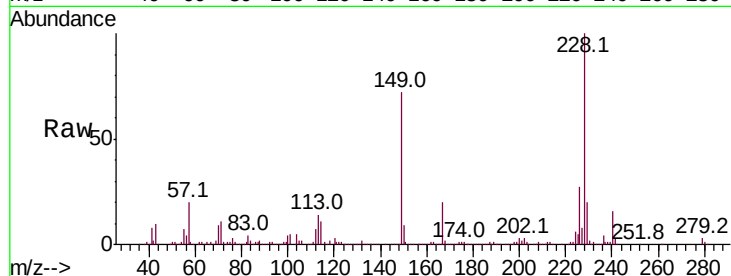
Tot Ion:228 Resp: 736536

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

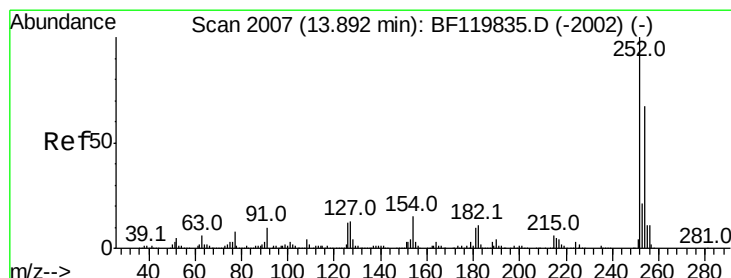
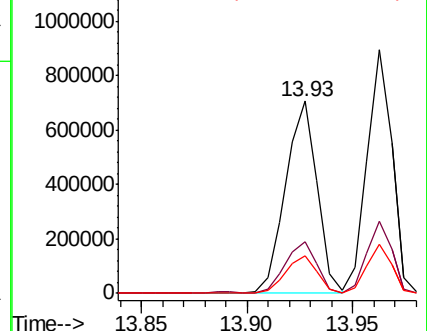
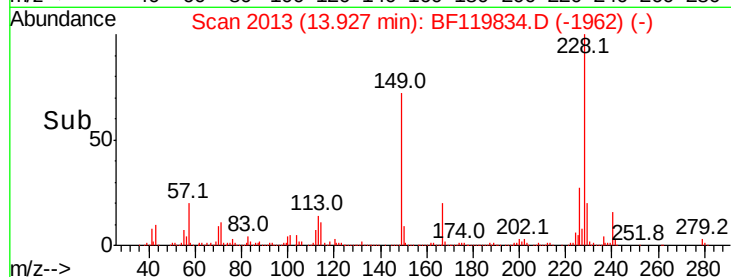
229 19.6 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 21.153 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

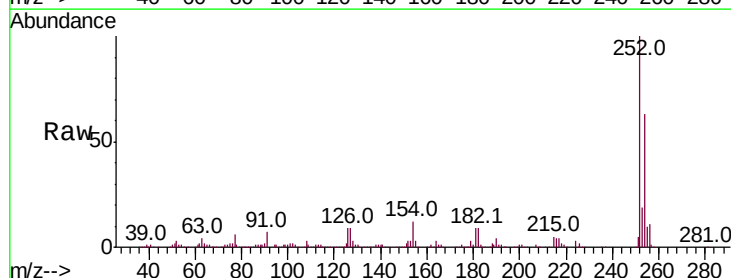
Tgt Ion:252 Resp: 285487

Ion Ratio Lower Upper

252 100

254 63.4 53.9 80.9

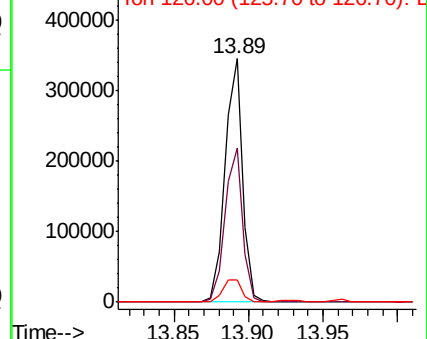
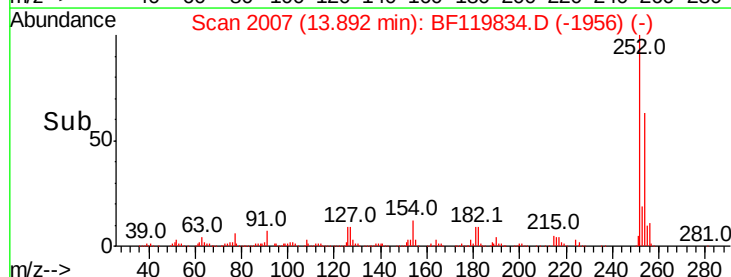
126 9.3 9.7 14.5#

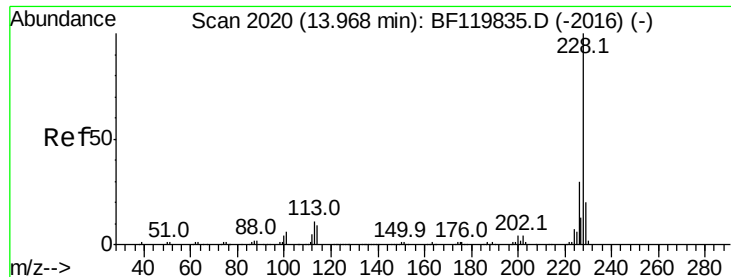


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 21.010 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

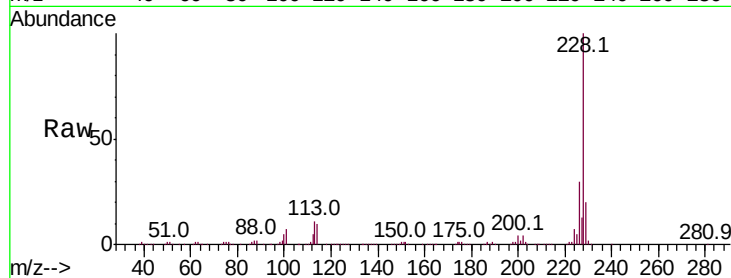
Tot Ion:228 Resp: 742201

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

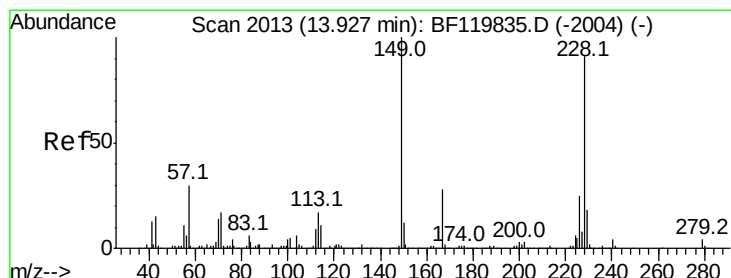
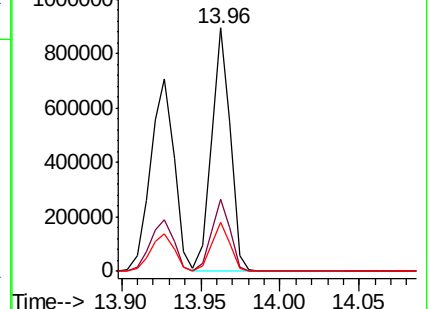
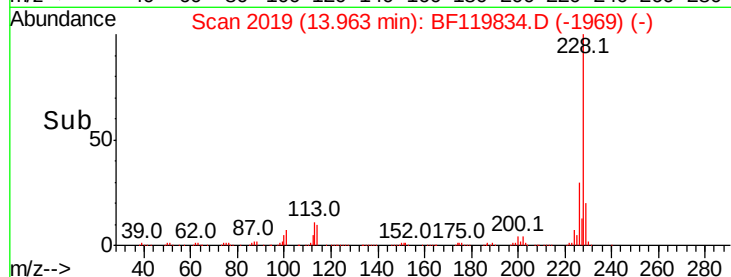
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.774 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

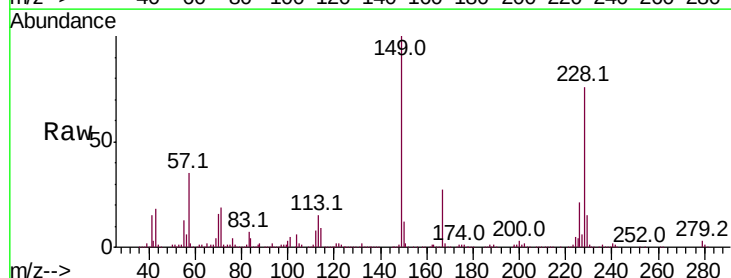
Tgt Ion:149 Resp: 599321

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

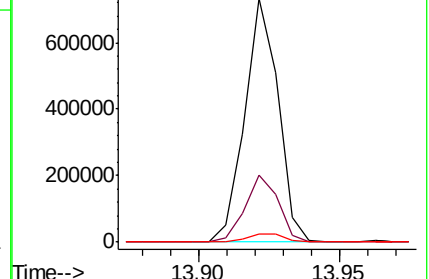
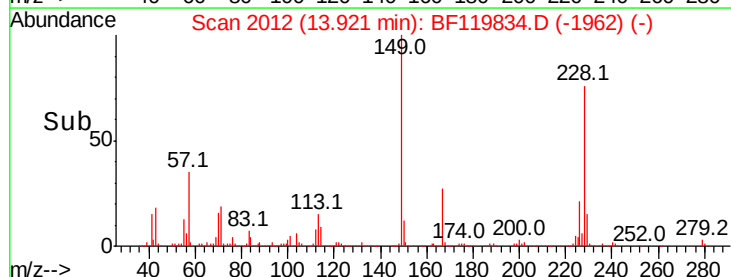
279 3.4 3.4 5.0

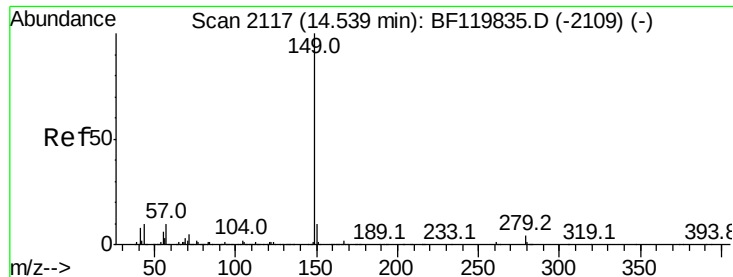


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 29.775 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

Instrument :

BNA_F

ClientSampleId :

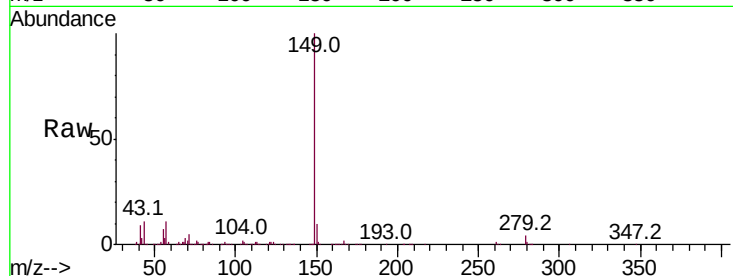
Tot Ion:149 Resp: 1090678

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

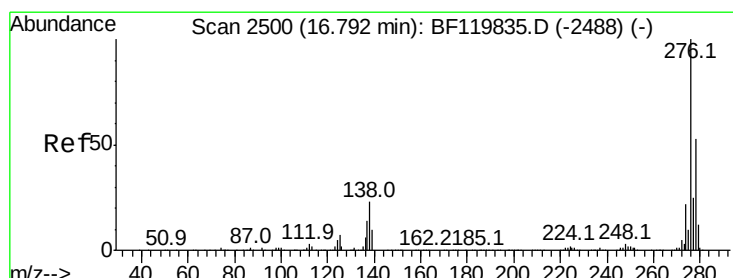
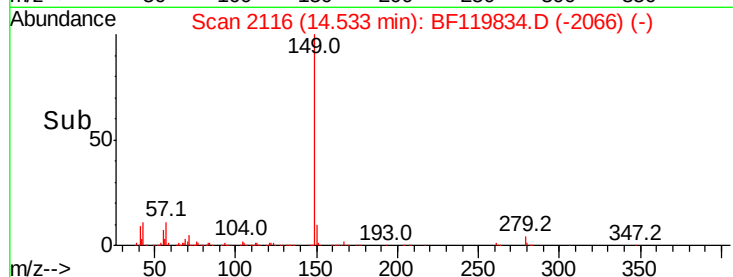
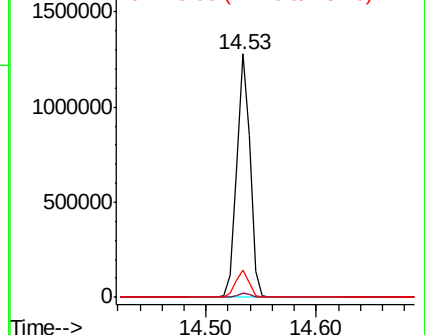
43 11.1 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.517 ng

RT: 16.78 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BF119834.D

Acq: 8 Apr 2020 19:41

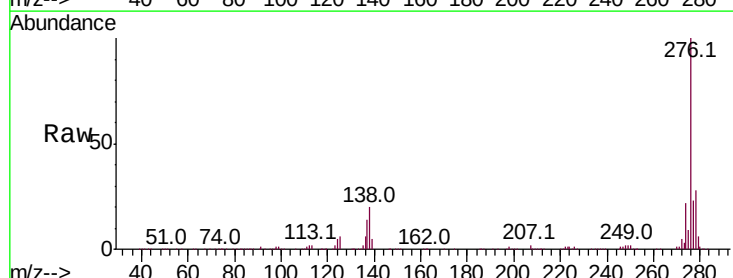
Tgt Ion:276 Resp: 649351

Ion Ratio Lower Upper

276 100

138 22.1 18.0 27.0

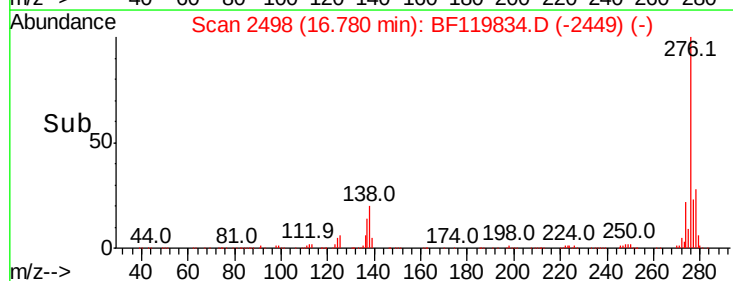
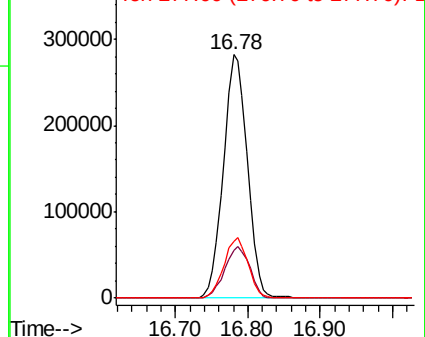
277 24.9 20.1 30.1

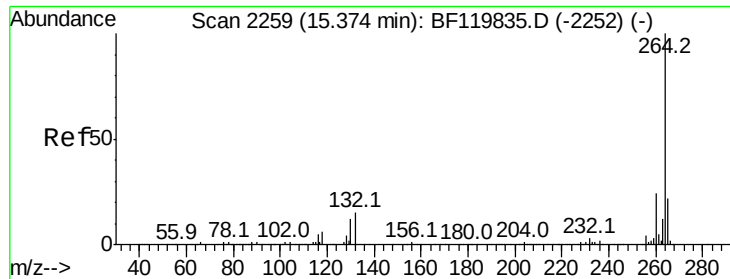


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



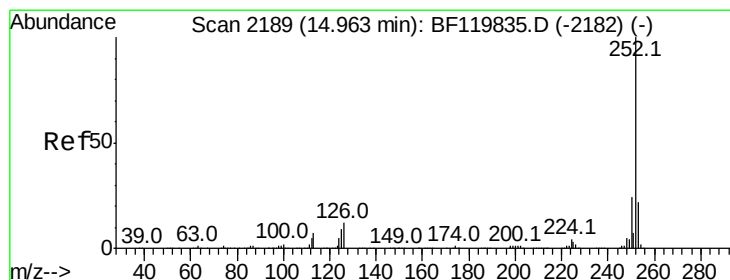
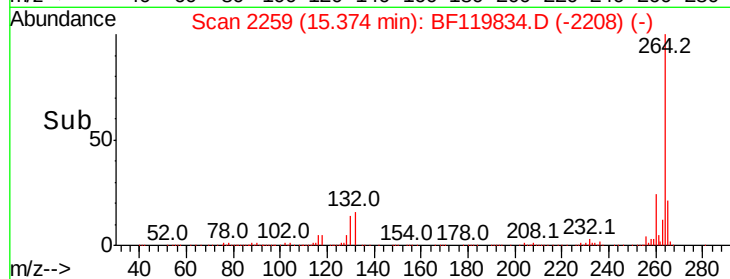
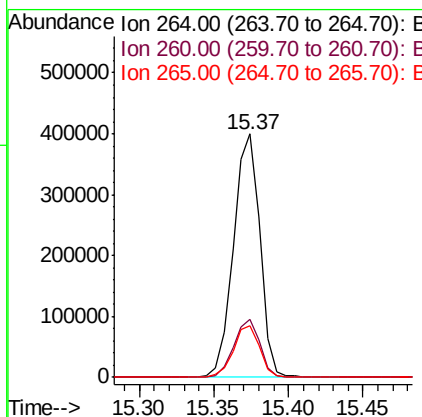
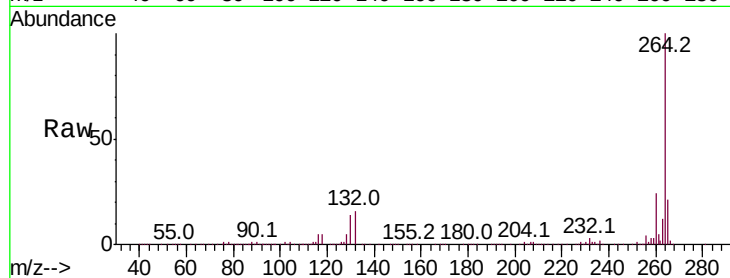


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 496752

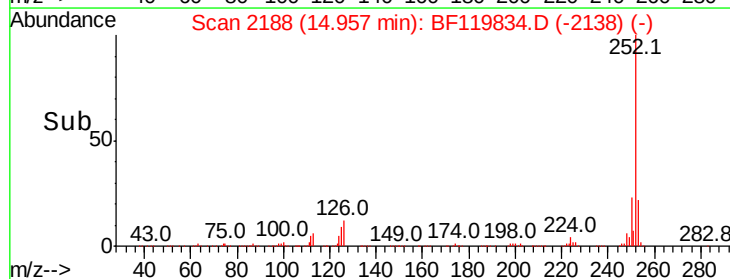
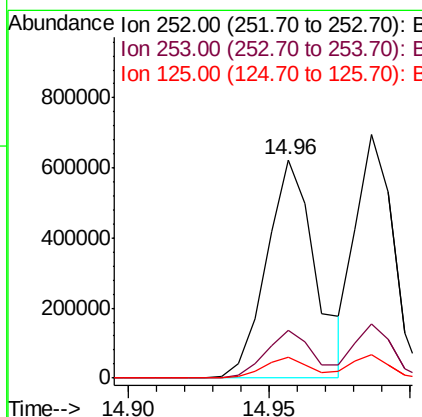
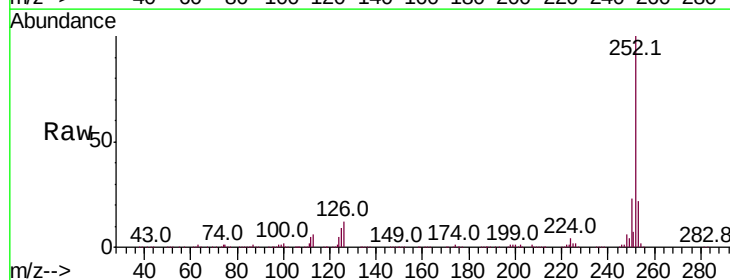
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.4	17.6	26.4

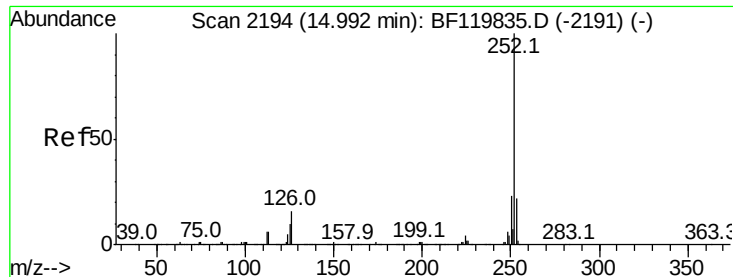


#88
Benzo(b)fluoranthene
Concen: 22.541 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion:252 Resp: 747983

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.3	7.4	11.2

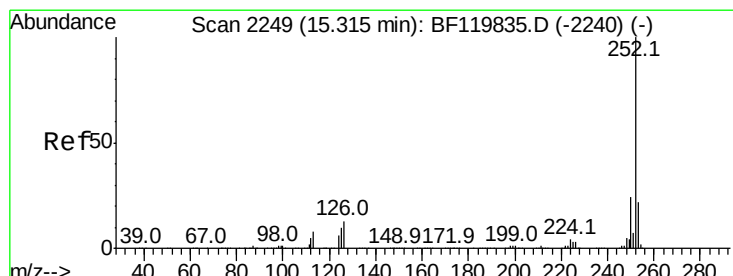
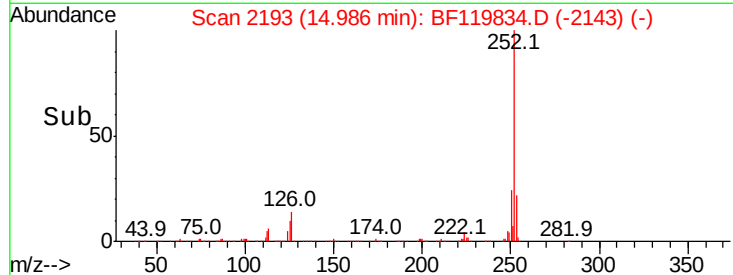
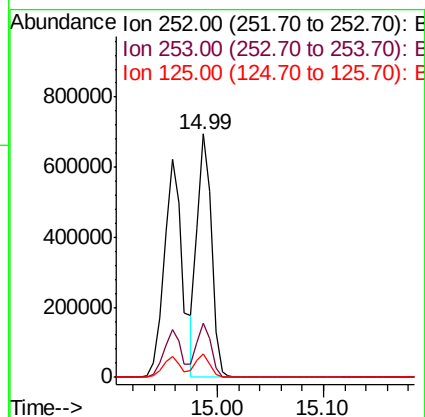
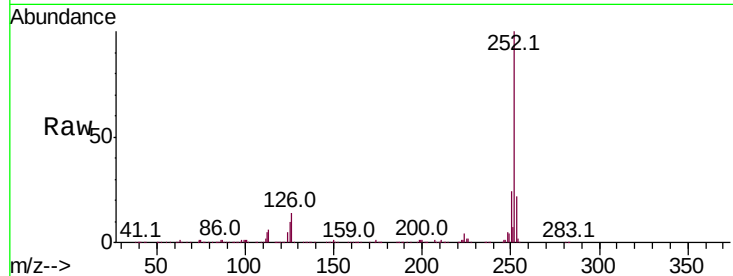




#89
Benzo(k)fluoranthene
Concen: 20.270 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

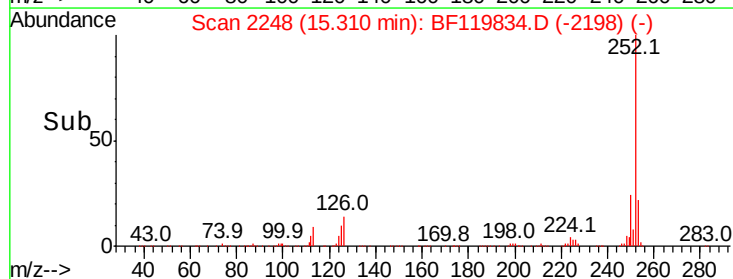
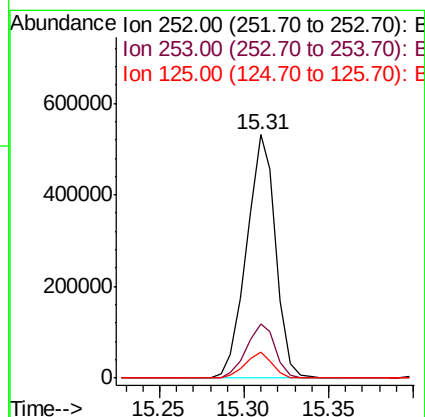
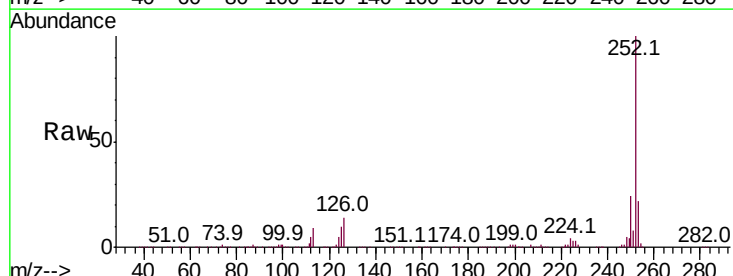
Instrument :
BNA_F
ClientSampled :

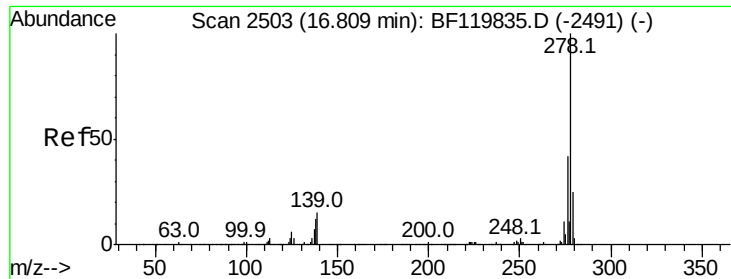
Tot Ion:252 Resp: 640478
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 21.090 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion:252 Resp: 635999
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.4 8.3 12.5

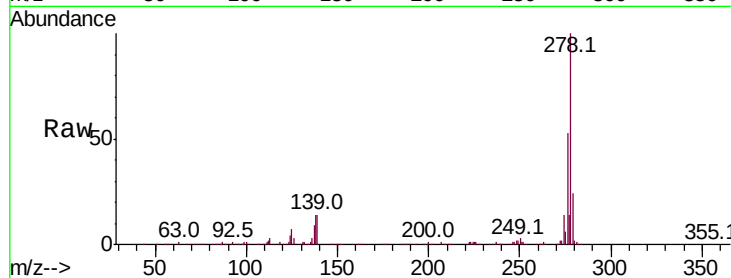




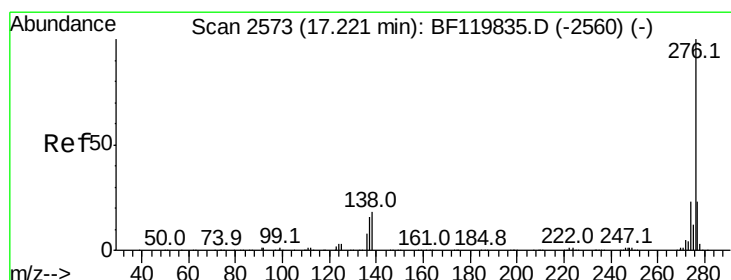
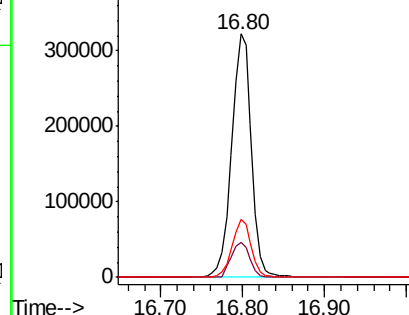
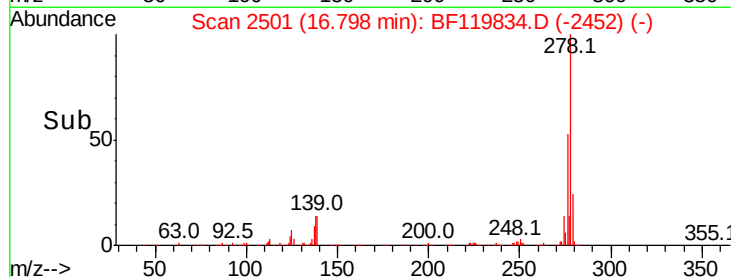
#91
Dibenzo(a,h)anthracene
Concen: 20.466 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 539819
Ion Ratio Lower Upper
278 100
139 14.2 11.6 17.4
279 23.8 19.7 29.5

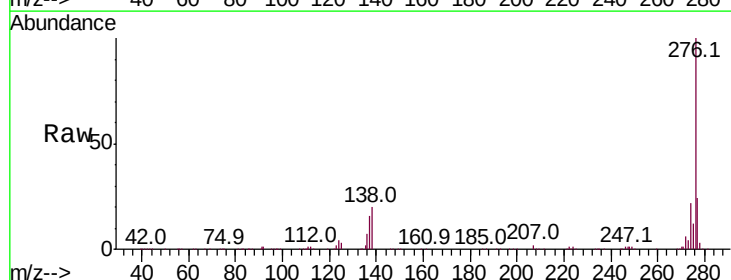


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 18.731 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BF119834.D
Acq: 8 Apr 2020 19:41

Tgt Ion:276 Resp: 496348
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 19.6 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

