

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119231.D
 Acq On : 6 Mar 2020 00:29
 Operator : CG/JU
 Sample : L1775-13MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:31:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146347	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	577902	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	325256	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	599870	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	371028	20.00	ng	-0.02
87) Perylene-d12	15.31	264	304071	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	861953	98.43	ng	0.00
7) Phenol-d6	6.39	99	1030796	96.79	ng	-0.02
23) Nitrobenzene-d5	7.29	82	697550	63.73	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	386411	90.82	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1374637	62.26	ng	-0.02
79) Terphenyl-d14	12.83	244	1598960	74.20	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	134232	34.428	ng	97
3) Pyridine	3.22	79	329725	30.965	ng	99
4) n-Nitrosodimethylamine	3.17	42	136380	42.280	ng	99
6) Aniline	6.39	93	288693	21.968	ng	91
8) 2-Chlorophenol	6.52	128	417287	44.155	ng	98
9) Benzaldehyde	6.27	77	317576	44.631	ng	100
10) Phenol	6.40	94	483731	42.009	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	371899	42.211	ng	99
12) 1,3-Dichlorobenzene	6.66	146	448727	39.615	ng	96
13) 1,4-Dichlorobenzene	6.74	146	456383	40.264	ng	99
14) 1,2-Dichlorobenzene	6.89	146	420751	40.702	ng	98
15) Benzyl Alcohol	6.88	79	340111	44.186	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	296678	38.872	ng	# 18
17) 2-Methylphenol	7.00	107	331687	43.289	ng	# 92
18) Hexachloroethane	7.23	117	164879	40.658	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	281481	45.357	ng	96
20) 3+4-Methylphenols	7.16	107	436337	46.482	ng	# 86
22) Acetophenone	7.14	105	557507	41.695	ng	# 95
24) Nitrobenzene	7.31	77	427080	39.458	ng	97
25) Isophorone	7.55	82	768312	40.420	ng	99
26) 2-Nitrophenol	7.63	139	231236	40.321	ng	99
27) 2,4-Dimethylphenol	7.67	122	340413	43.737	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	462223	37.359	ng	99
29) 2,4-Dichlorophenol	7.88	162	363556	39.678	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	400902	36.903	ng	99
31) Naphthalene	8.03	128	1183023	39.472	ng	99
32) Benzoic acid	7.85	122	199298	36.889	ng	97
33) 4-Chloroaniline	8.09	127	152275	11.813	ng	98
34) Hexachlorobutadiene	8.15	225	240763	35.579	ng	98
35) Caprolactam	8.47	113	60219	21.344	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	389675	42.022	ng	96
37) 2-Methylnaphthalene	8.72	142	822599	40.784	ng	98
38) 1-Methylnaphthalene	8.82	142	772181	40.708	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	408241	37.227	ng	100

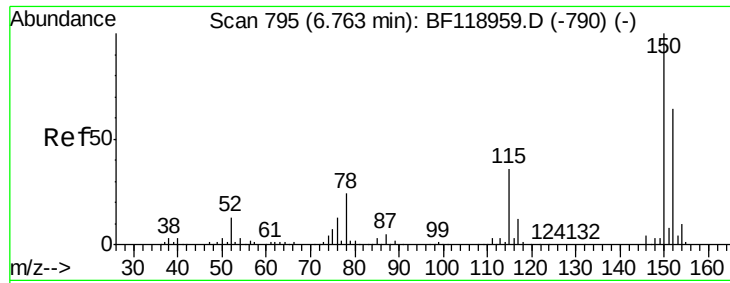
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119231.D
 Acq On : 6 Mar 2020 00:29
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	203174	54.316	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	251385	36.300	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	268227	36.911	nq	97
46) 1,1'-Biphenyl	9.19	154	993209	37.783	nq	98
47) 2-Chloronaphthalene	9.21	162	799133	37.724	nq	98
48) 2-Nitroaniline	9.32	65	225913	38.235	nq	99
49) Acenaphthylene	9.63	152	1223526	39.990	nq	99
50) Dimethylphthalate	9.49	163	1101400	44.283	nq	99
51) 2,6-Dinitrotoluene	9.56	165	215516	39.002	nq	93
52) Acenaphthene	9.80	154	718473	38.945	nq	98
53) 3-Nitroaniline	9.73	138	92046	15.026	nq	99
54) 2,4-Dinitrophenol	9.85	184	184600	69.788	nq	96
55) Dibenzofuran	9.97	168	1060398	38.509	nq	100
56) 4-Nitrophenol	9.92	139	188035	51.088	nq	98
57) 2,4-Dinitrotoluene	9.97	165	270676	37.791	nq	97
58) Fluorene	10.31	166	860194	40.201	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	239699	39.091	nq	94
60) Diethylphthalate	10.19	149	924845	39.458	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	444761	39.269	nq	99
62) 4-Nitroaniline	10.35	138	189599	30.251	nq	96
63) Azobenzene	10.46	77	824505	40.470	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	156489	43.111	nq	92
66) n-Nitrosodiphenylamine	10.42	169	781988	39.812	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	295603	37.699	nq	98
68) Hexachlorobenzene	10.86	284	337020	37.280	nq	97
69) Atrazine	10.95	200	256441	37.367	nq	99
70) Pentachlorophenol	11.07	266	231689	63.622	nq	99
71) Phenanthrene	11.27	178	1275313	38.984	nq	98
72) Anthracene	11.32	178	1320998	40.414	nq	98
73) Carbazole	11.48	167	1123529	38.583	nq	99
74) Di-n-butylphthalate	11.80	149	1399117	39.675	nq	99
75) Fluoranthene	12.46	202	1321348	38.052	nq	99
77) Benzidine	12.58	184	483726	32.057	nq	98
78) Pyrene	12.69	202	1317783	44.231	nq	99
80) Butylbenzylphthalate	13.30	149	555032	44.264	nq	99
81) Benzo(a)anthracene	13.87	228	1019282	40.319	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	235568	23.997	nq	99
83) Chrysene	13.91	228	975764	38.736	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	714543	45.106	nq	99
85) Di-n-octyl phthalate	14.46	149	1007394	39.913	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	895441	36.712	nq	100
88) Benzo(b)fluoranthene	14.90	252	797832	39.807	nq	99
89) Benzo(k)fluoranthene	14.93	252	756316	40.719	nq	100
90) Benzo(a)pyrene	15.25	252	690194	38.155	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	747434	46.960	nq	99
92) Benzo(g,h,i)perylene	17.13	276	766146	48.718	nq	99

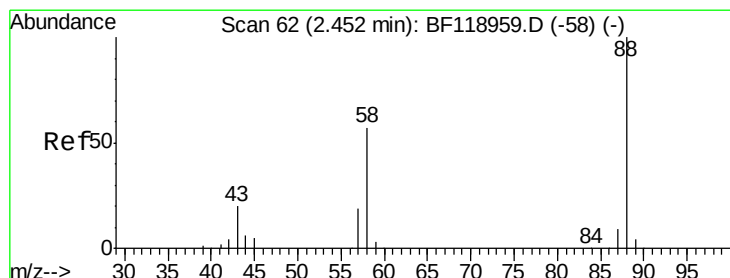
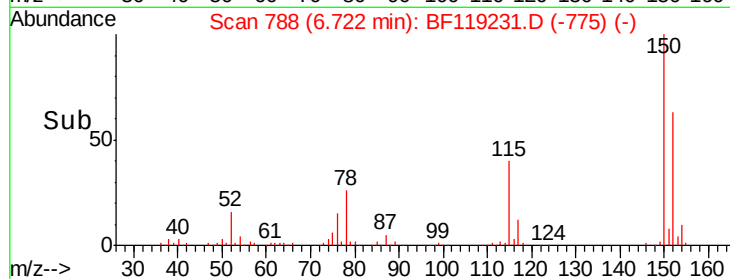
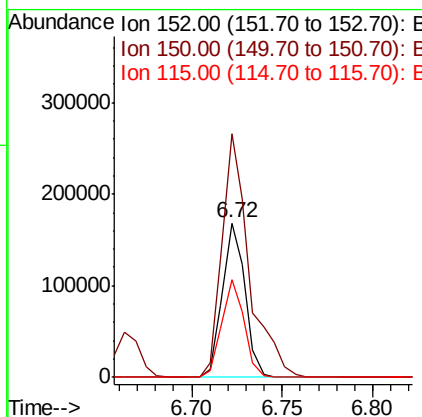
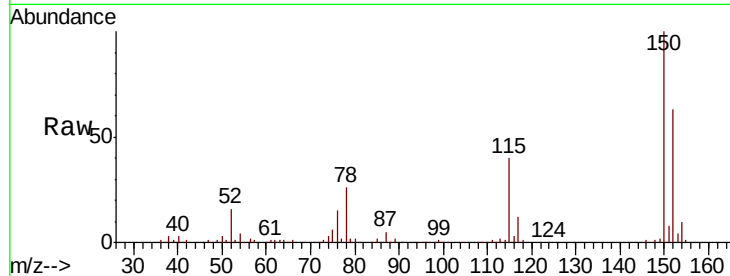
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

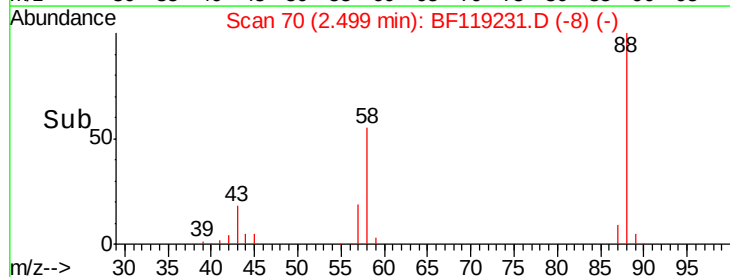
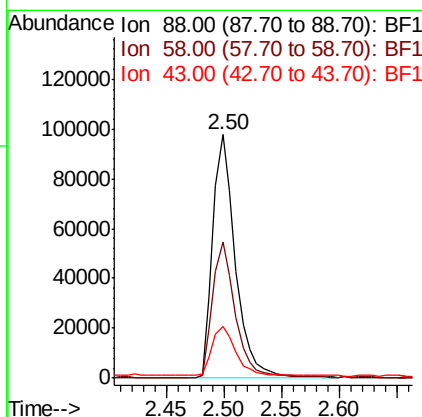
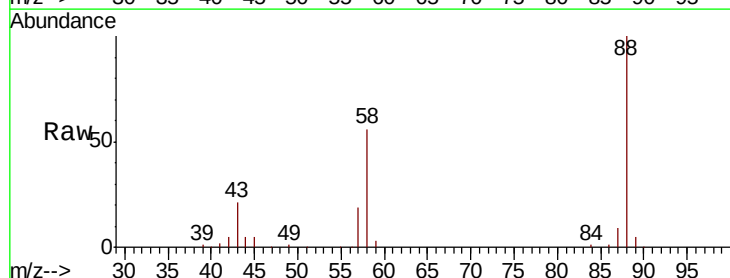
Instrument :
 BNA_F
 ClientSampleId :

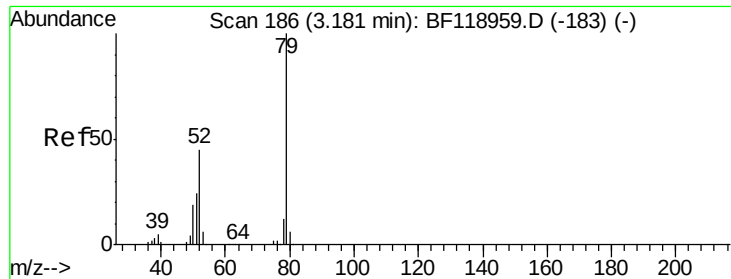
Tot Ion:152 Resp: 146347
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.0 184.6
 115 63.1 49.5 74.3



#2
 1,4-Dioxane
 Concen: 34.428 ng
 RT: 2.50 min Scan# 70
 Delta R.T. 0.06 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion: 88 Resp: 134232
 Ion Ratio Lower Upper
 88 100
 58 57.0 43.8 65.6
 43 20.9 16.2 24.4





#3

Pvridine

Concen: 30.965 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.06 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

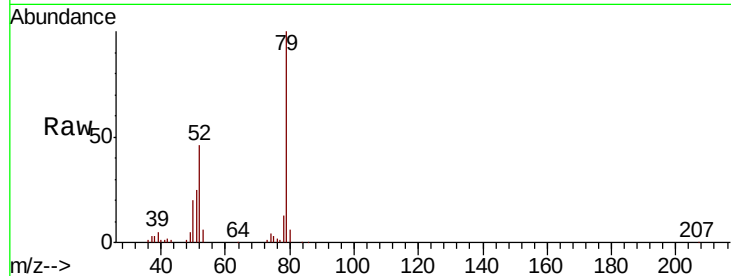
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 329725

Ion	Ratio	Lower	Upper
79	100		
52	45.6	37.4	56.0
51	25.0	19.8	29.6

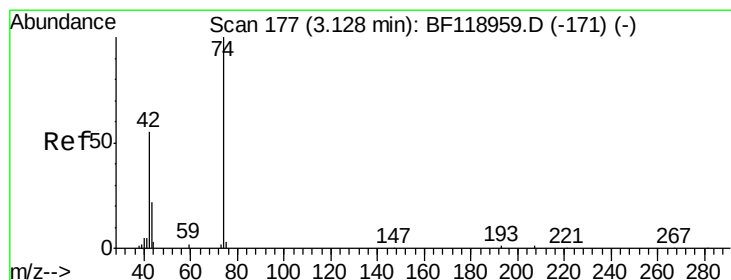
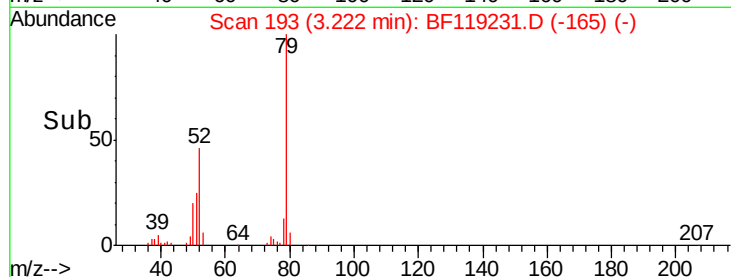
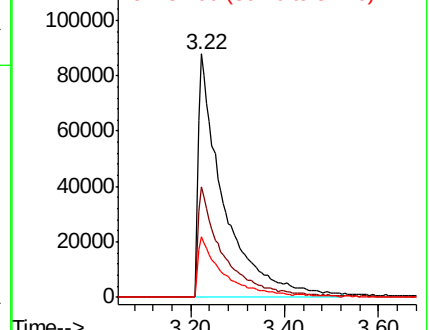


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.280 ng

RT: 3.17 min Scan# 184

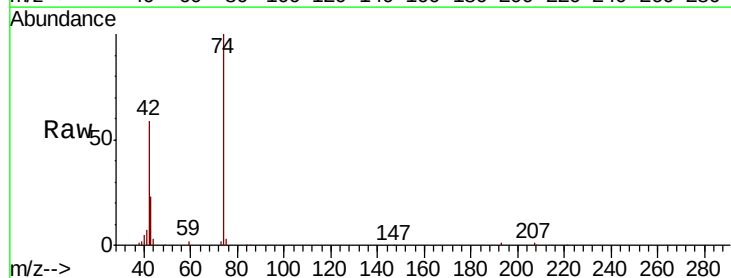
Delta R.T. 0.05 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion: 42 Resp: 136380

Ion	Ratio	Lower	Upper
42	100		
74	170.6	137.7	206.5
44	5.5	4.5	6.7

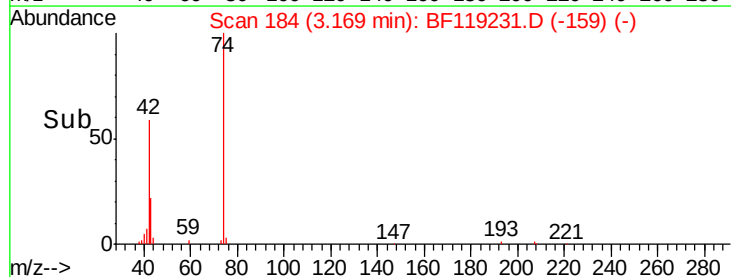
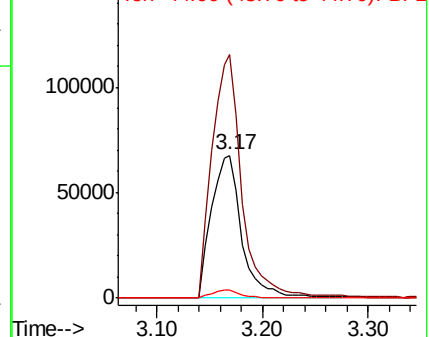


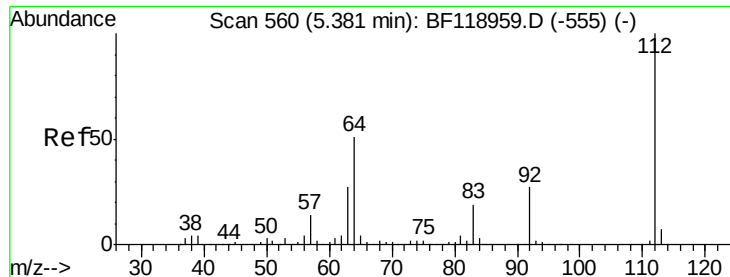
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.429 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampled :

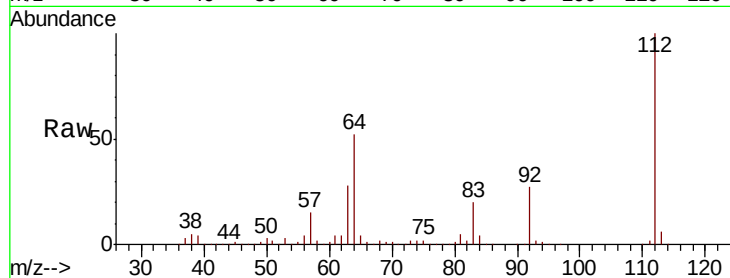
Tot Ion: 112 Resp: 861953

Ion Ratio Lower Upper

112 100

64 51.5 45.0 67.4

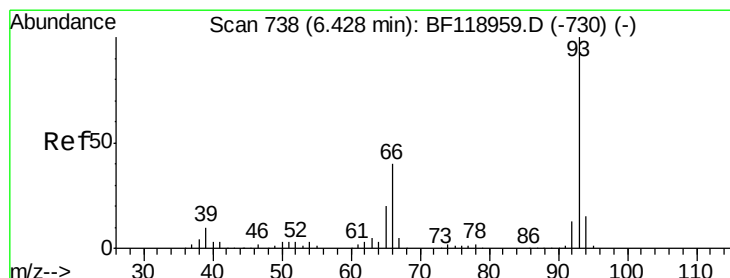
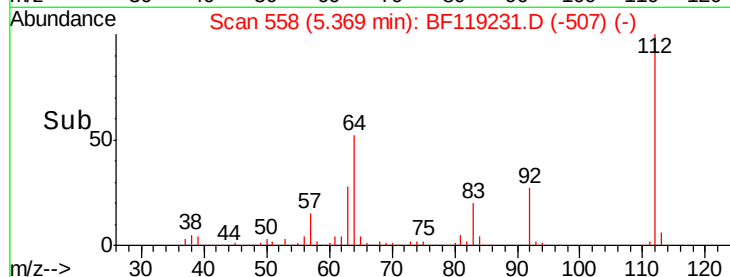
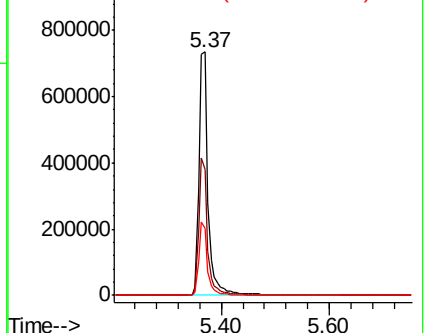
63 27.8 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.968 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

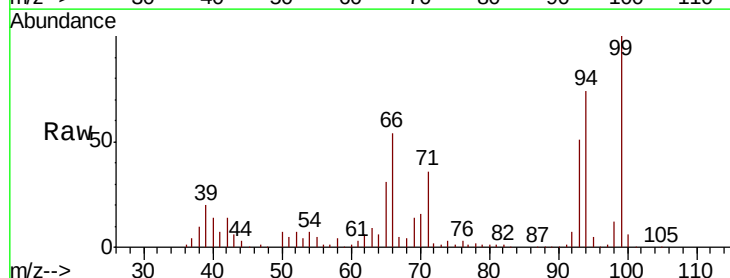
Tgt Ion: 93 Resp: 288693

Ion Ratio Lower Upper

93 100

66 104.1 74.5 111.7

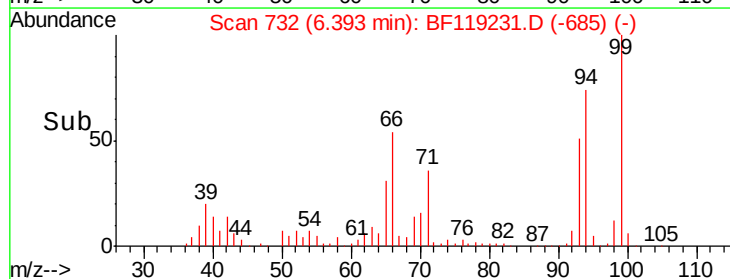
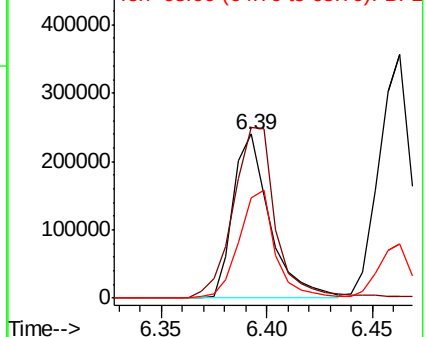
65 61.0 45.3 67.9

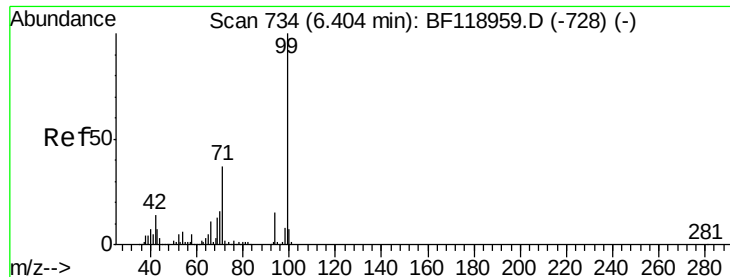


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.786 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

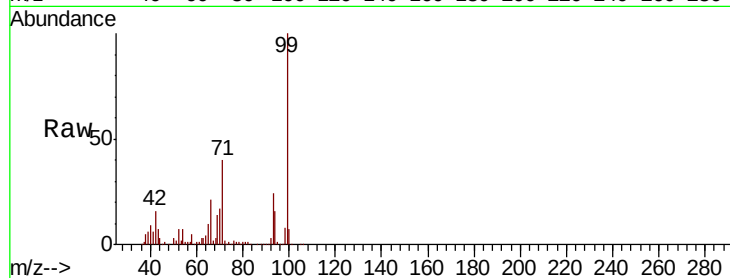
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1030796

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.6	18.8
71	40.3	31.0	46.4

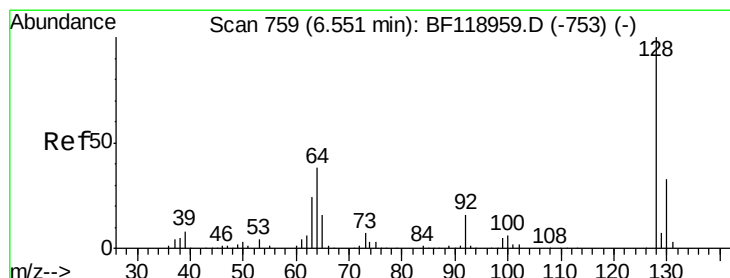
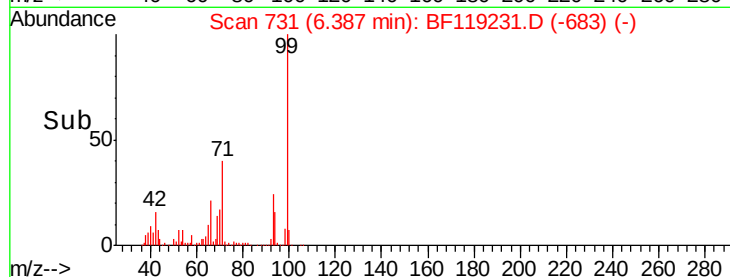
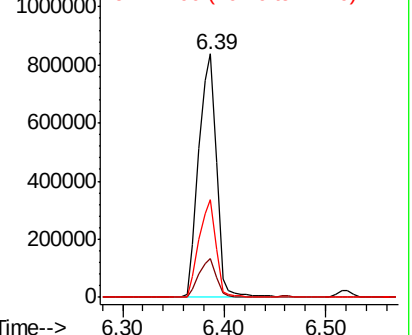


Abundance

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: 44.155 ng

RT: 6.52 min Scan# 754

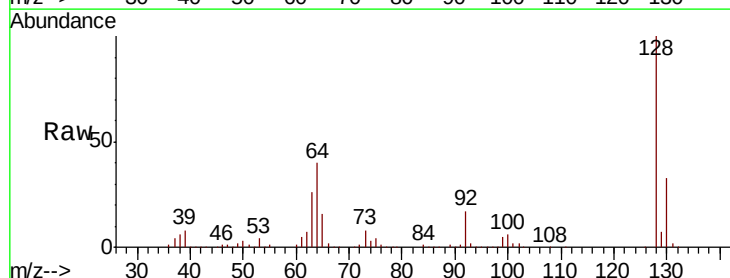
Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion: 128 Resp: 417287

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	39.9	22.3	62.3

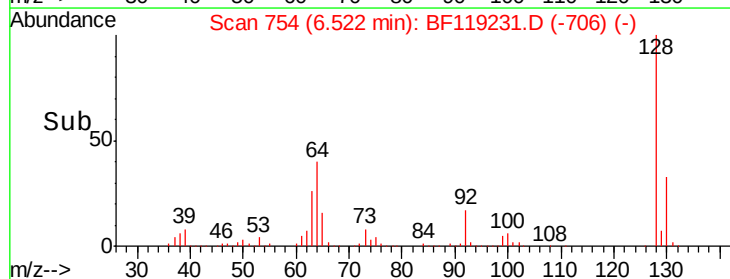
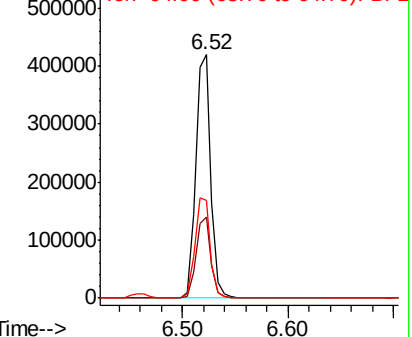


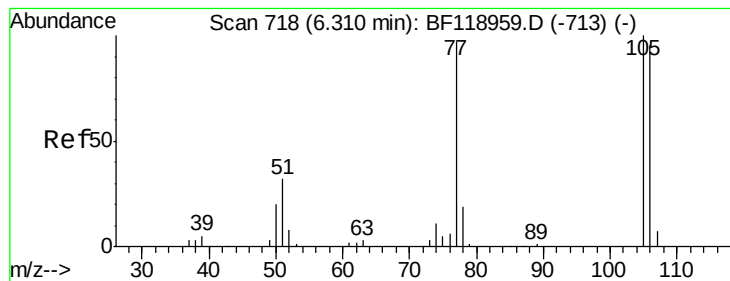
Abundance

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: 44.631 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

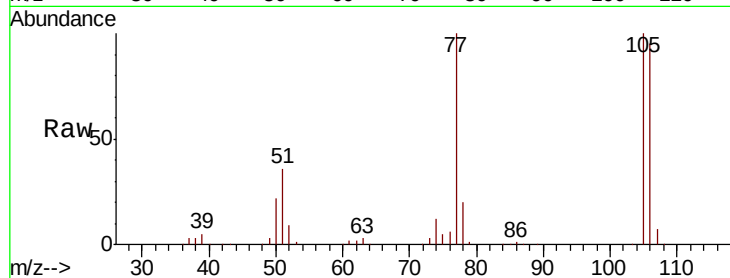
Tot Ion: 77 Resp: 317576

Ion Ratio Lower Upper

77 100

105 100.2 80.1 120.1

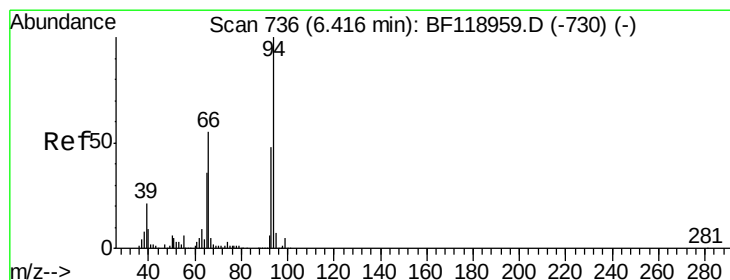
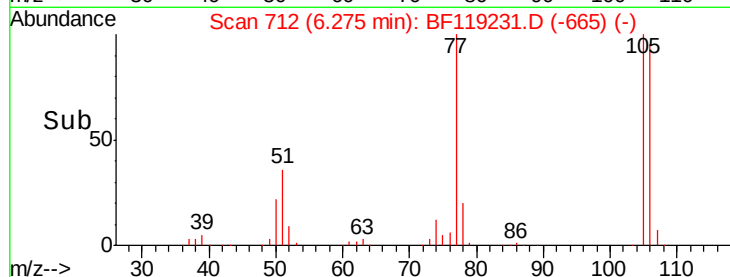
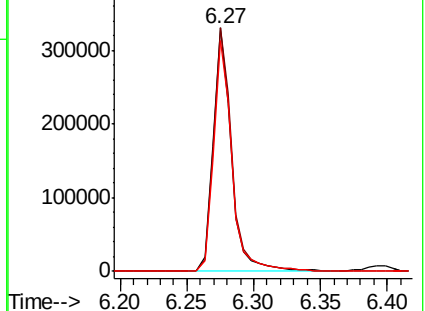
106 95.1 75.9 115.9



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: 42.009 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

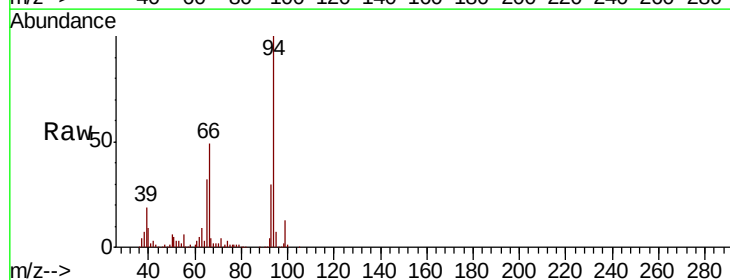
Tgt Ion: 94 Resp: 483731

Ion Ratio Lower Upper

94 100

65 31.6 19.2 59.2

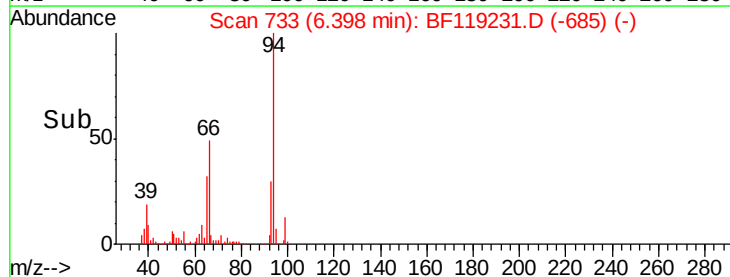
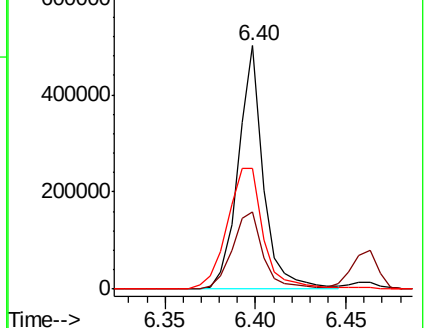
66 49.5 44.4 84.4

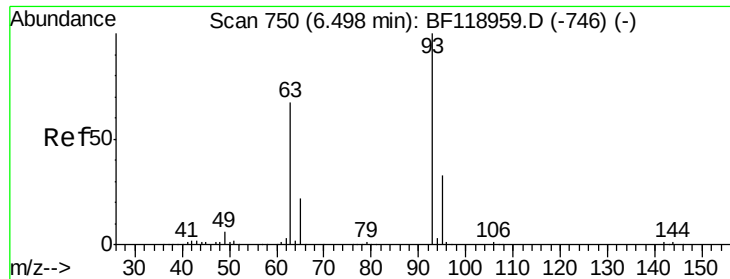


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

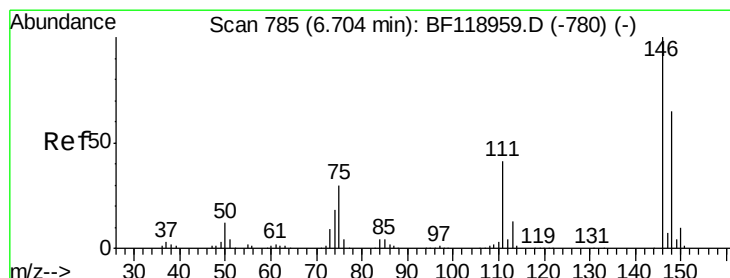
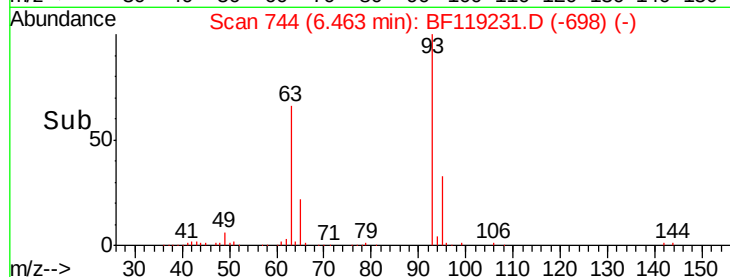
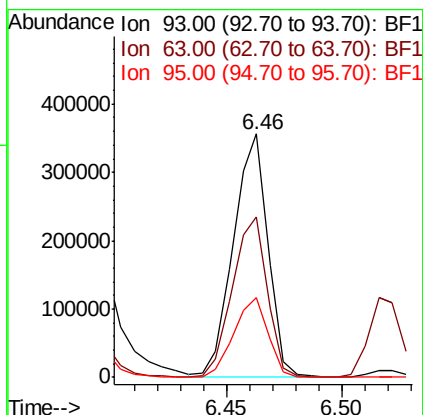
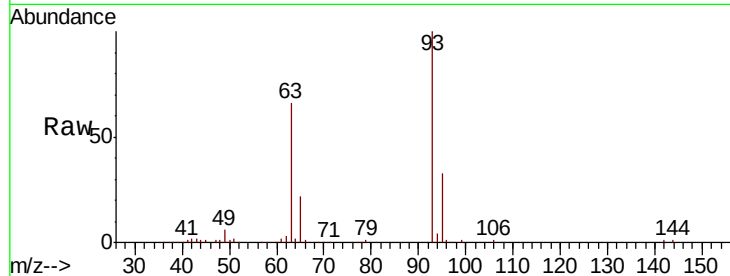




#11
bis(2-Chloroethyl)ether
Concen: 42.211 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

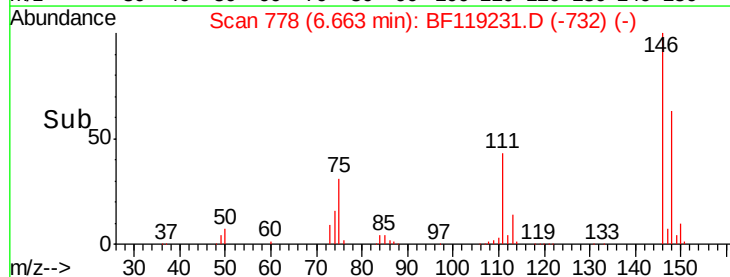
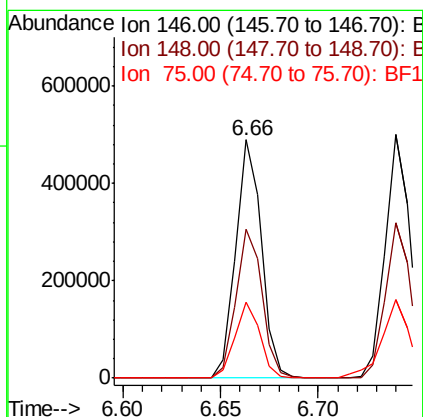
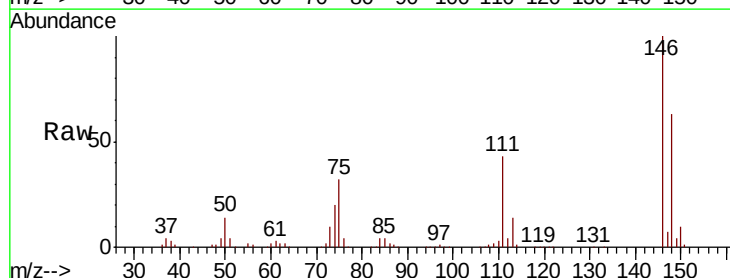
Instrument :
BNA_F
ClientSampleId :

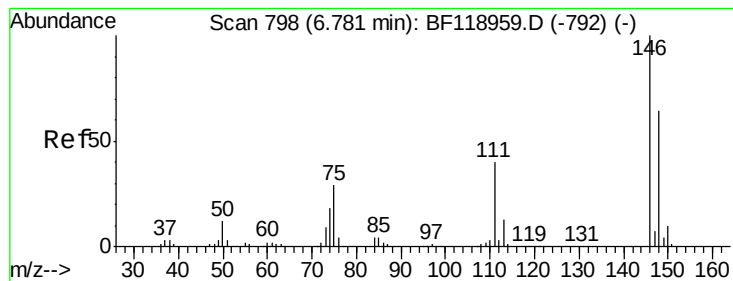
Tot Ion: 93 Resp: 371899
Ion Ratio Lower Upper
93 100
63 66.0 45.4 85.4
95 33.0 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.615 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion: 146 Resp: 448727
Ion Ratio Lower Upper
146 100
148 62.8 52.5 78.7
75 32.1 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 40.264 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

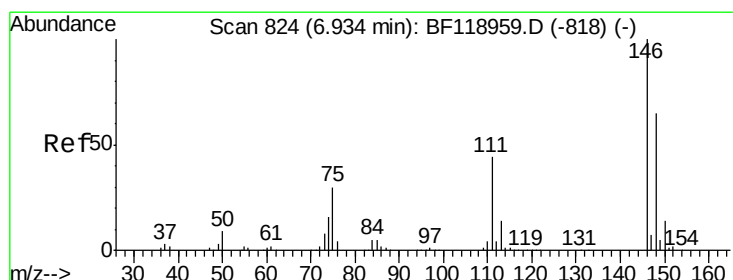
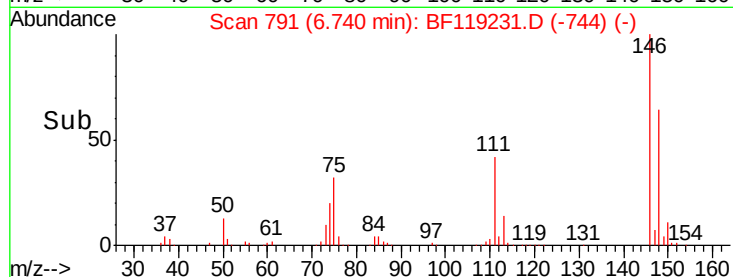
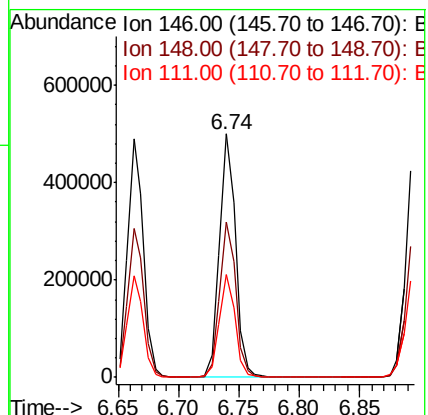
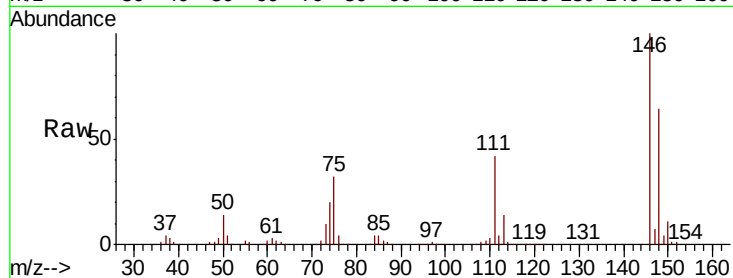
Tot Ion:146 Resp: 456383

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

111 42.1 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 40.702 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

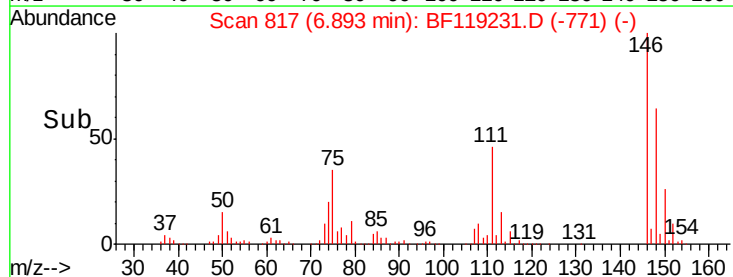
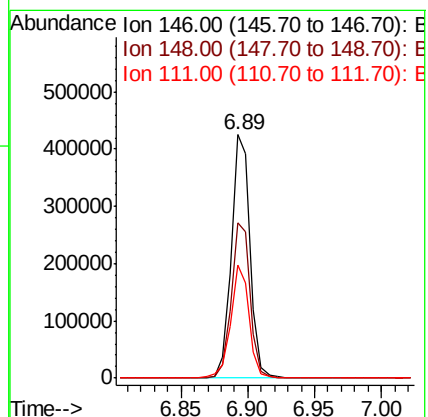
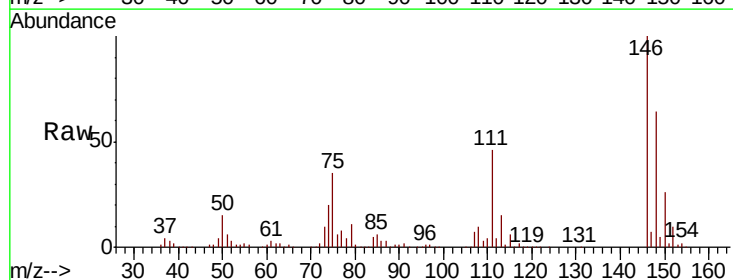
Tgt Ion:146 Resp: 420751

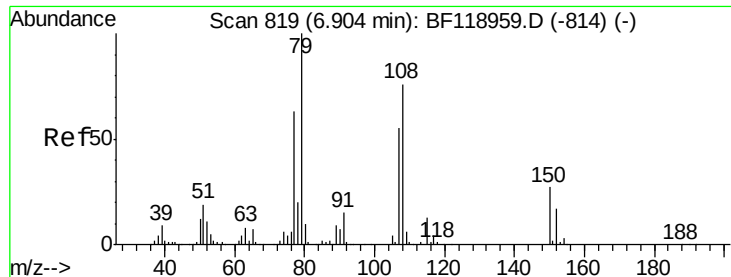
Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

111 46.5 36.2 54.2

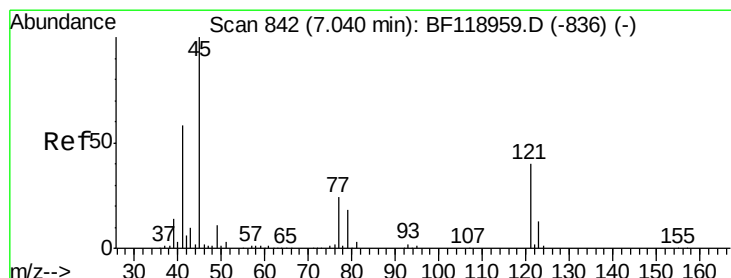
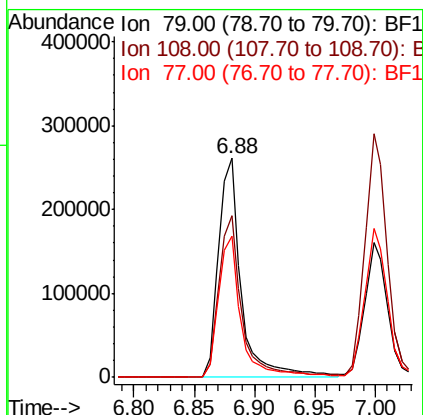
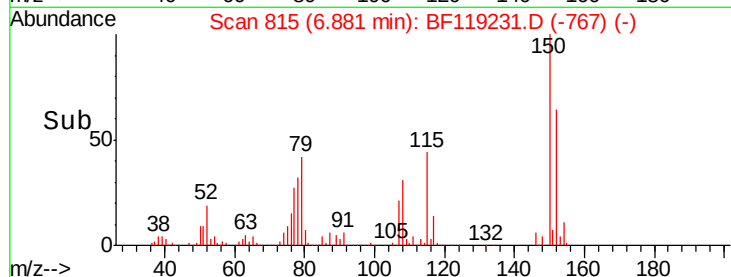
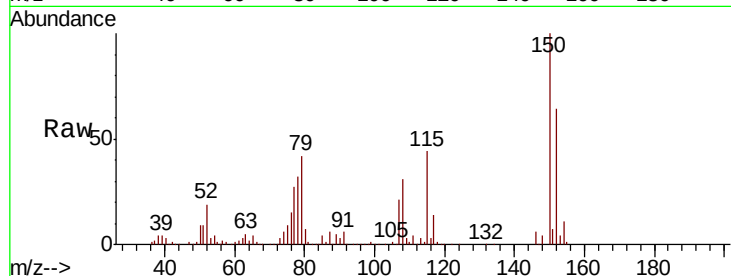




#15
Benzyl Alcohol
Concen: 44.186 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

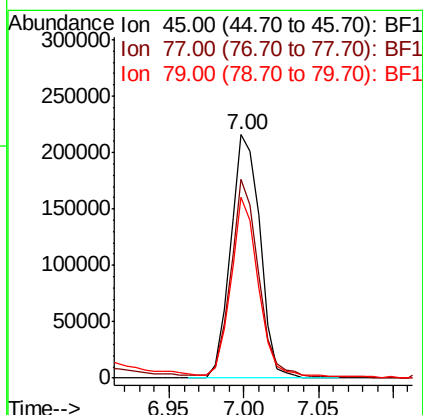
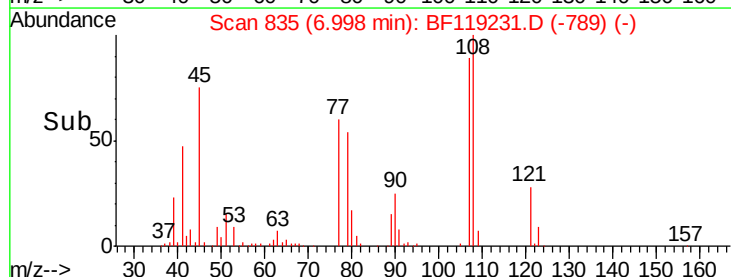
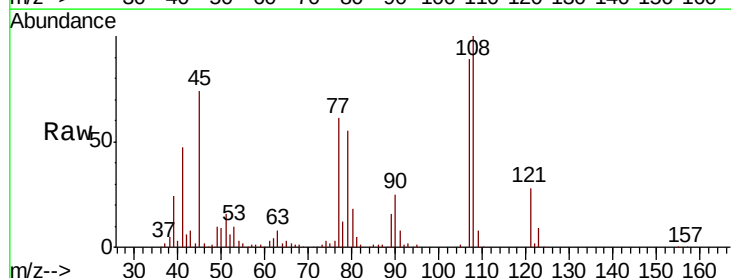
Instrument :
BNA_F
ClientSampled :

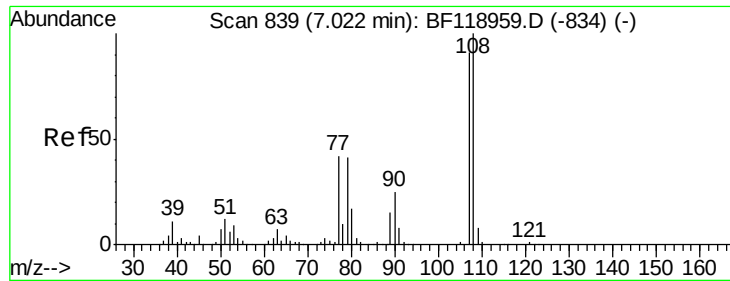
Tot Ion: 79 Resp: 340111
Ion Ratio Lower Upper
79 100
108 73.6 58.2 87.2
77 64.4 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.872 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion: 45 Resp: 296678
Ion Ratio Lower Upper
45 100
77 81.9 15.0 55.0#
79 74.4 9.4 49.4#

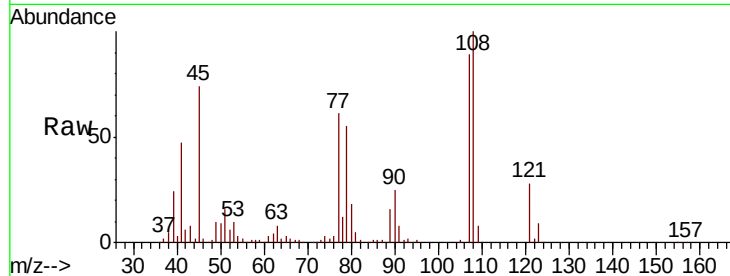




#17
2-Methylphenol
Concen: 43.289 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleID :

Tot Ion:	107	Resp:	331687
Ion	Ratio	Lower	Upper
107	100		
108	112.1	87.9	131.9
77	68.3	45.3	67.9#
79	62.0	43.0	64.4



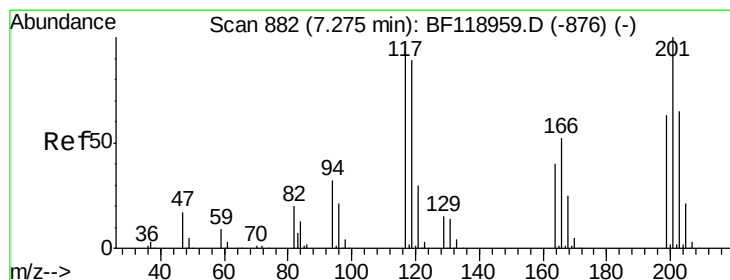
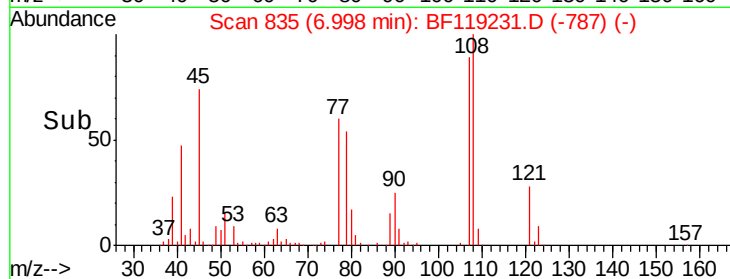
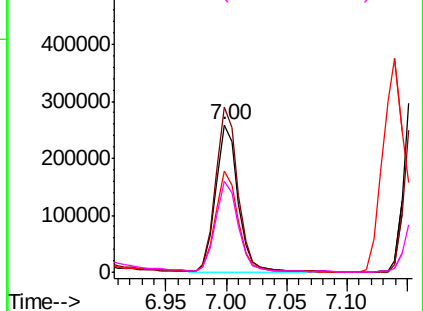
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

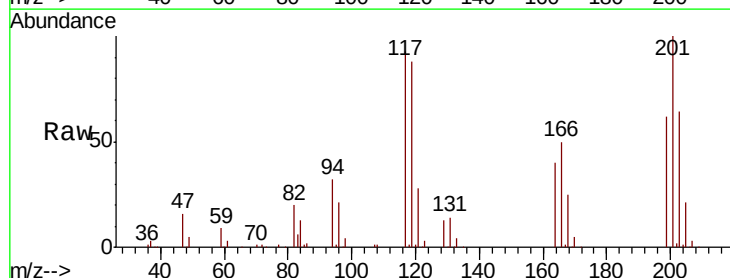
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.658 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:	117	Resp:	164879
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.5	116.3
201	107.3	82.6	123.8

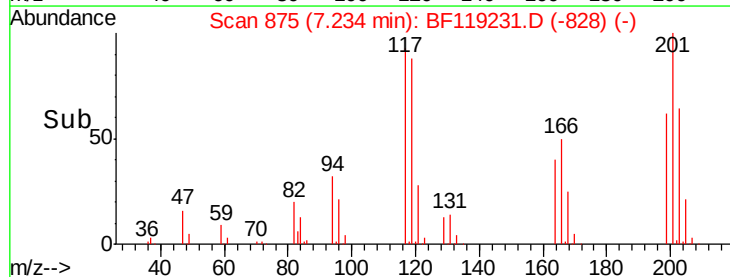
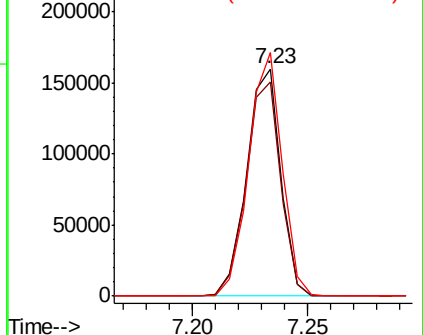


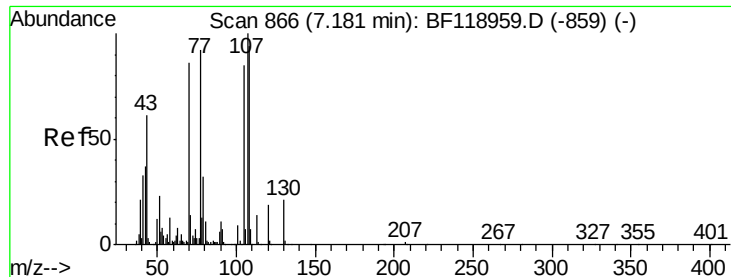
Abundance

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

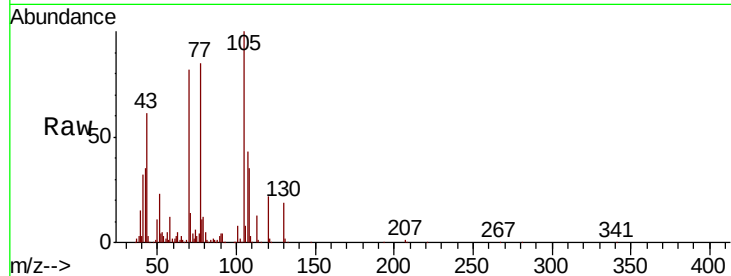




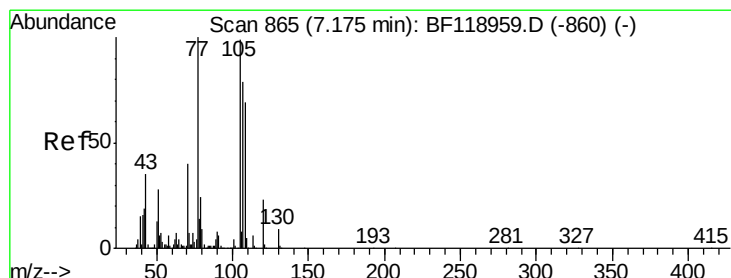
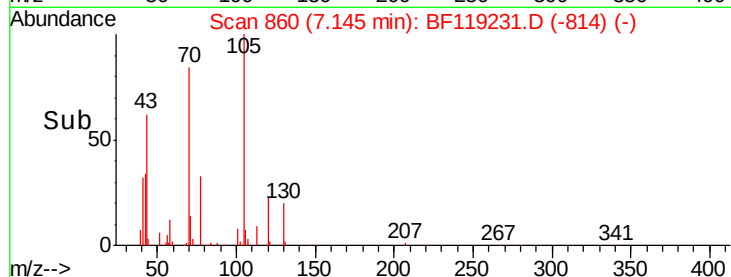
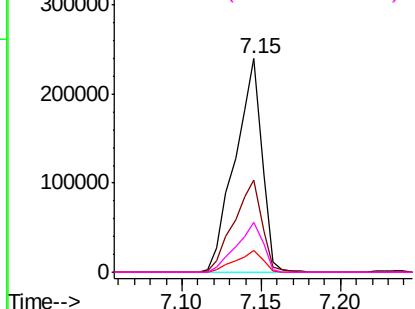
#19
n-Nitroso-di-n-propylamine
Concen: 45.357 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 281481
Ion Ratio Lower Upper
70 100
42 43.2 38.0 57.0
101 10.0 8.2 12.4
130 23.4 18.2 27.4

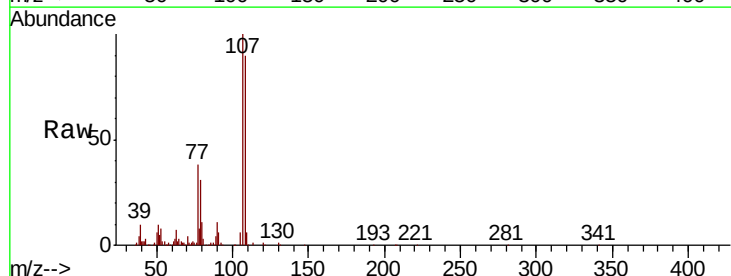


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

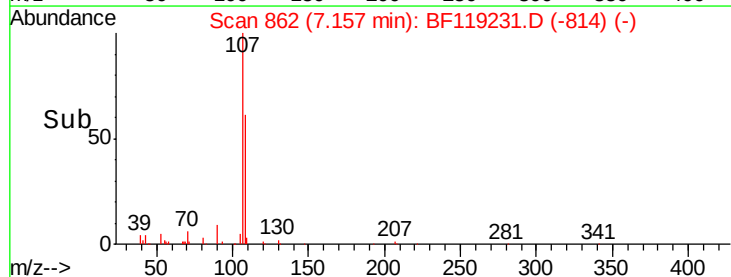
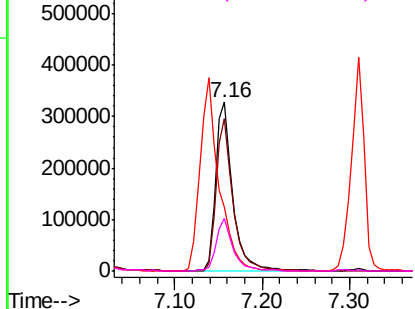


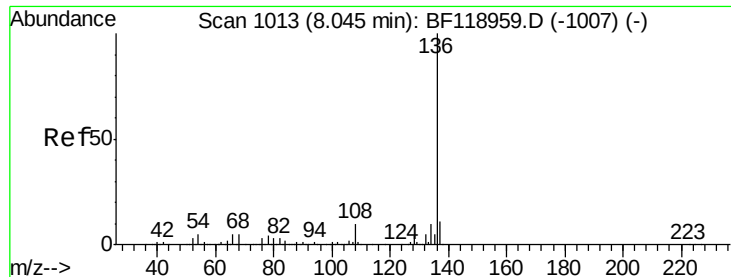
#20
3+4-Methylphenols
Concen: 46.482 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion: 107 Resp: 436337
Ion Ratio Lower Upper
107 100
108 90.3 71.5 111.5
77 37.9 45.9 85.9#
79 30.9 13.8 53.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 577902

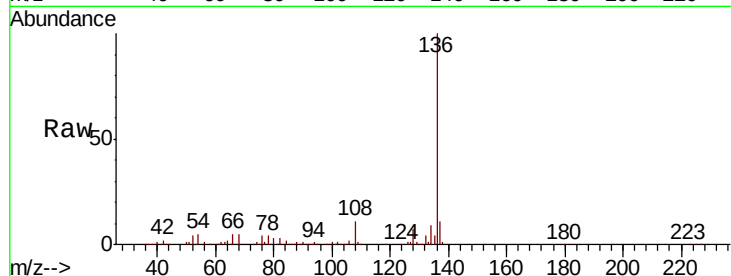
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.3 3.8 5.6

68 5.5 3.9 5.9

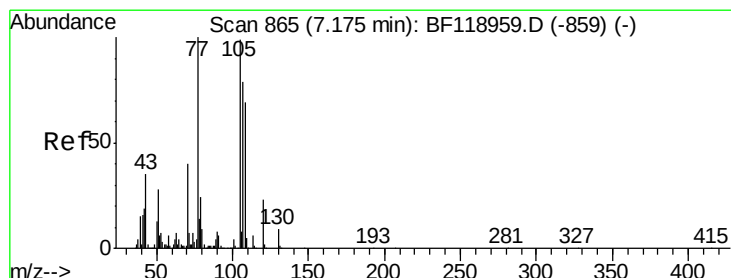
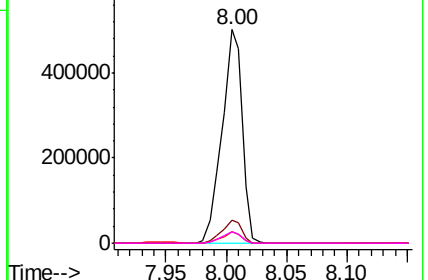
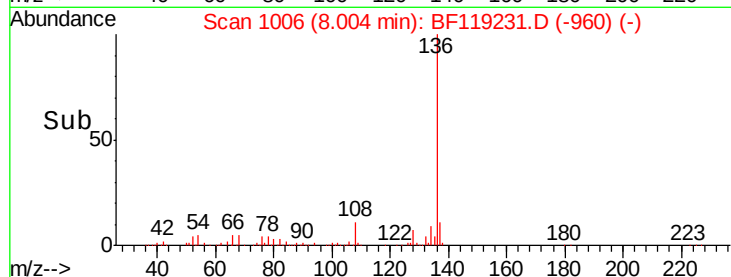


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.695 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion:105 Resp: 557507

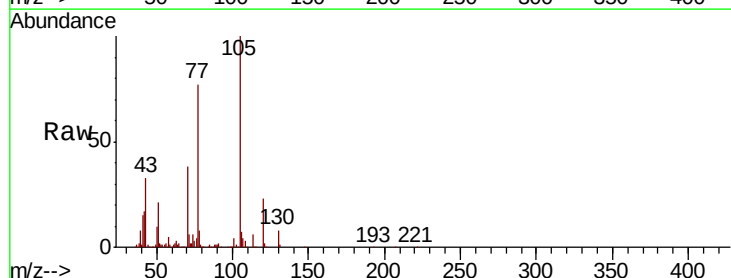
Ion Ratio Lower Upper

105 100

71 6.4 3.0 4.4#

51 21.3 20.1 30.1

120 22.9 18.0 27.0

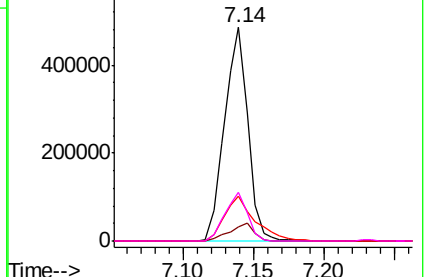
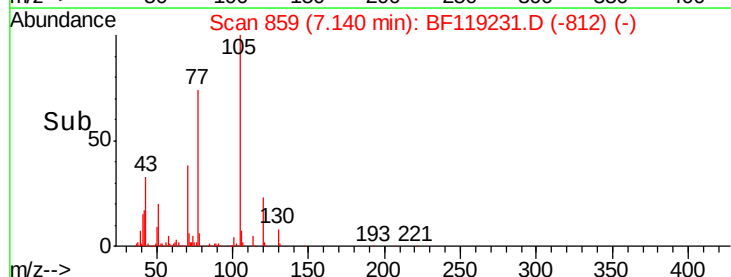


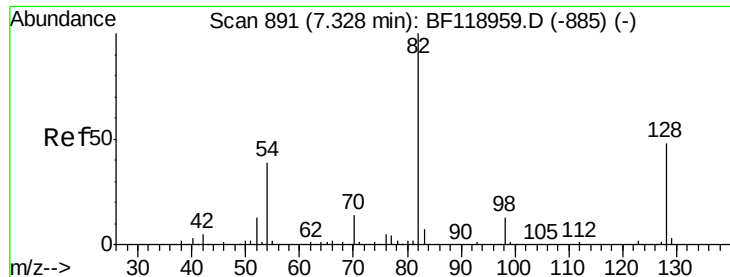
Abundance Ion 105.00 (104.70 to 105.70): E

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

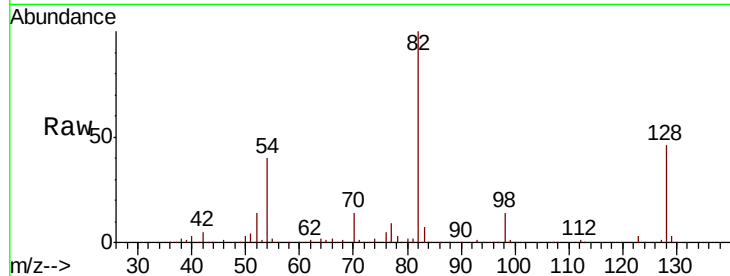




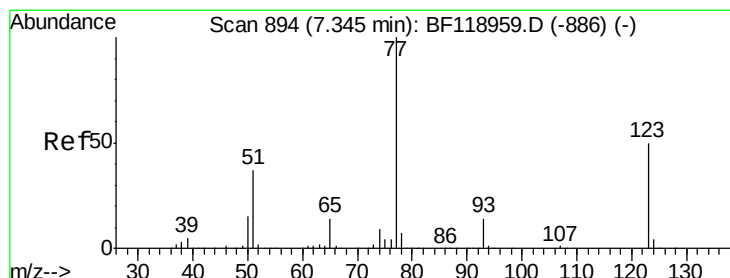
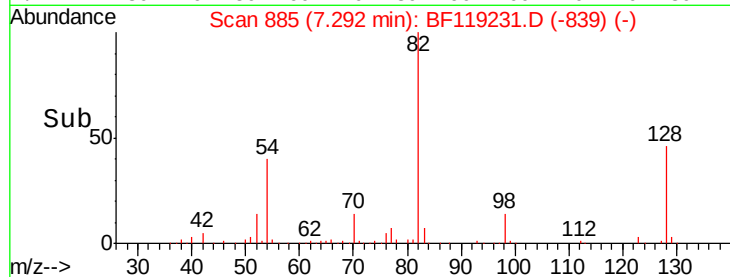
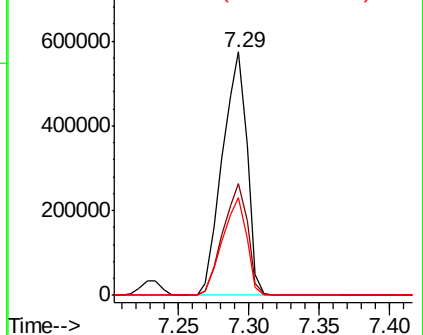
#23
 Nitrobenzene-d5
 Concen: 63.732 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 697550
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.9 56.9
 54 40.4 33.4 50.2

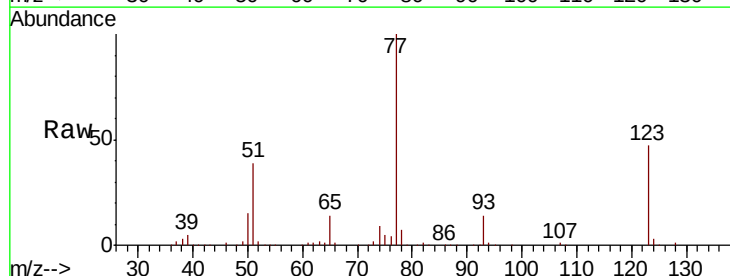


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

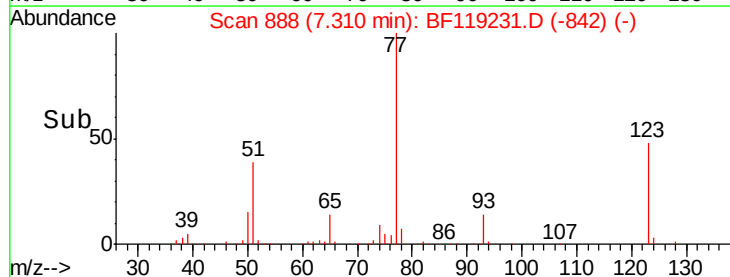
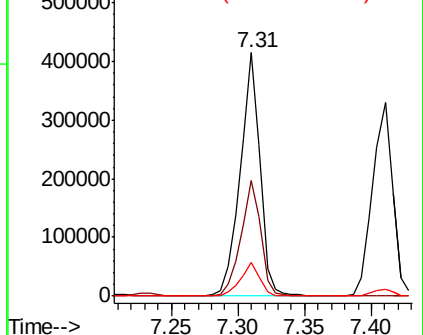


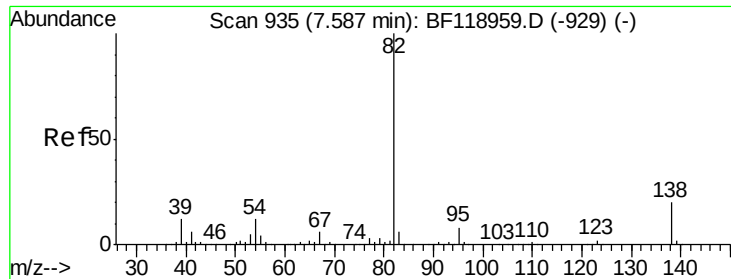
#24
 Nitrobenzene
 Concen: 39.458 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion: 77 Resp: 427080
 Ion Ratio Lower Upper
 77 100
 123 47.4 40.2 60.2
 65 13.7 10.8 16.2



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

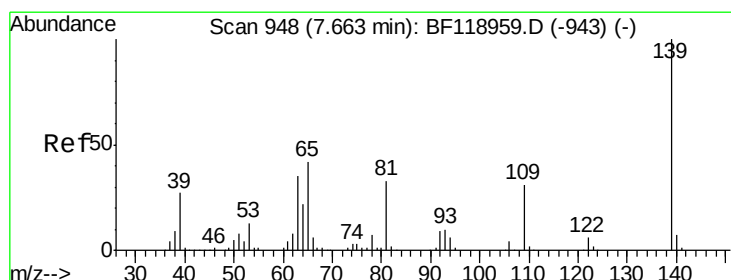
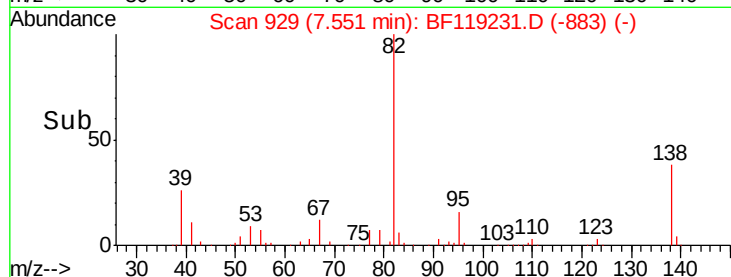
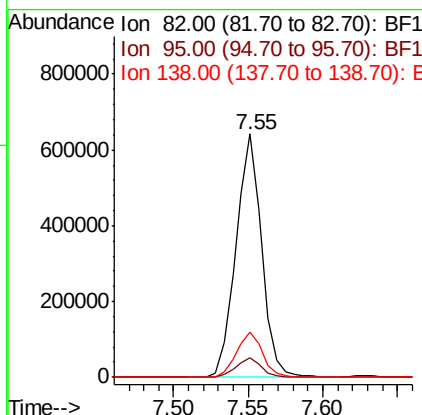
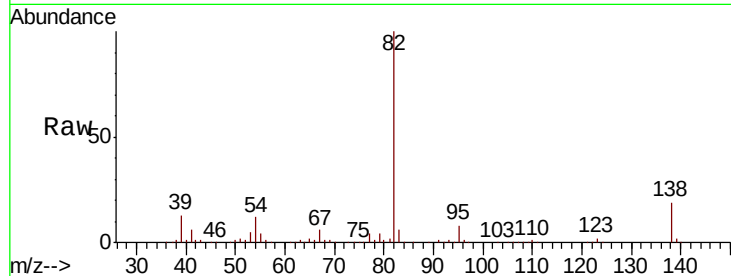




#25
Isophorone
Concen: 40.420 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

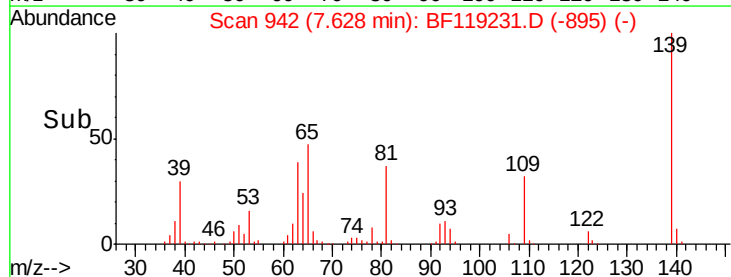
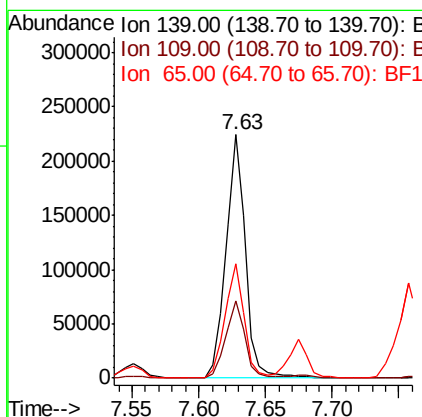
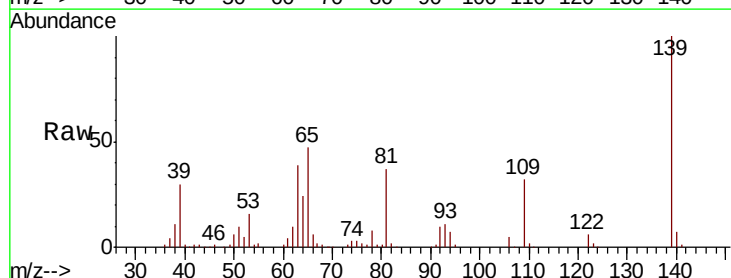
Instrument :
BNA_F
ClientSampleId :

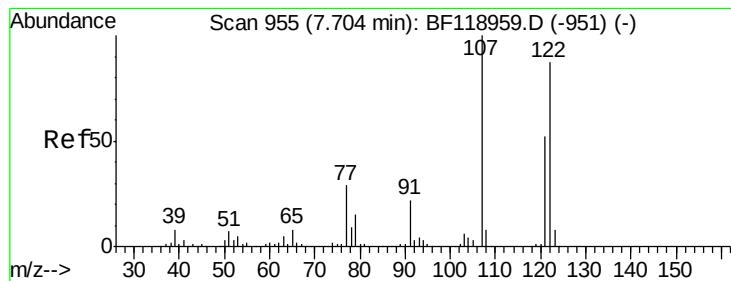
Tot Ion: 82 Resp: 768312
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.8 15.7 23.5



#26
2-Nitrophenol
Concen: 40.321 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion: 139 Resp: 231236
Ion Ratio Lower Upper
139 100
109 31.8 25.7 38.5
65 46.8 37.1 55.7

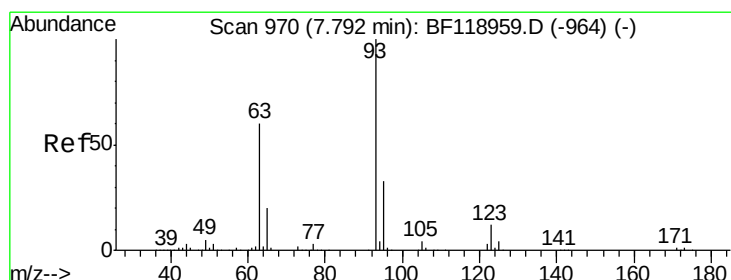
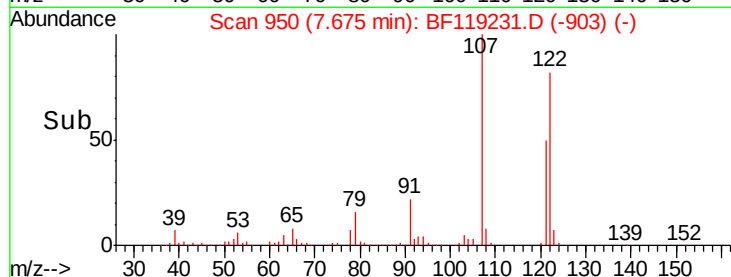
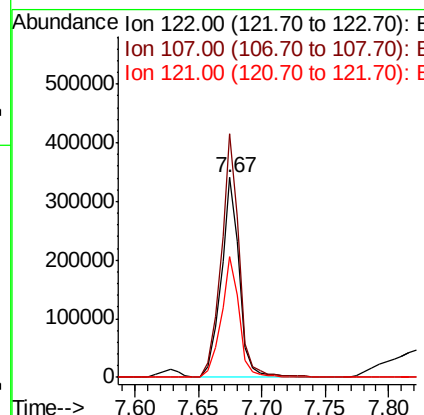
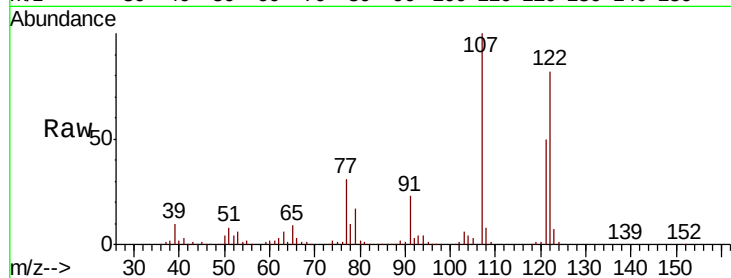




#27
 2,4-Dimethylphenol
 Concen: 43.737 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

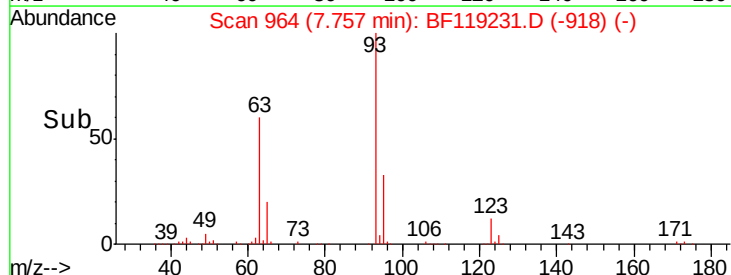
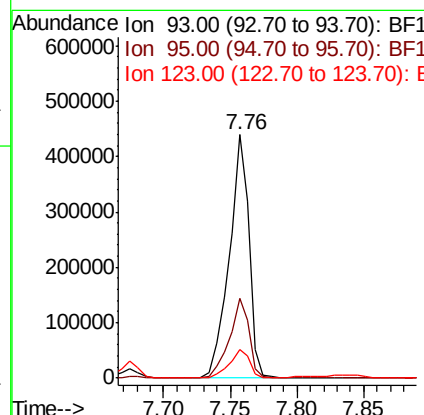
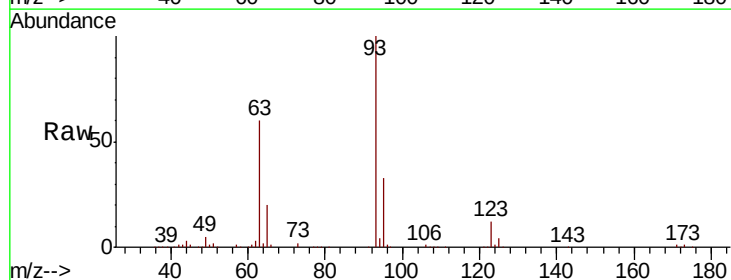
Instrument :
 BNA_F
 ClientSampleID :

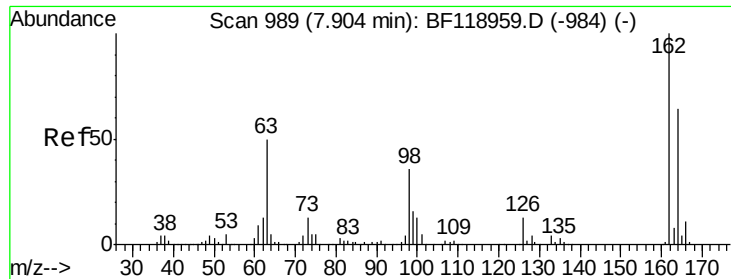
Tot Ion:122 Resp: 340413
 Ion Ratio Lower Upper
 122 100
 107 121.9 93.8 140.6
 121 60.4 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.359 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion: 93 Resp: 462223
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.8 10.2 15.2

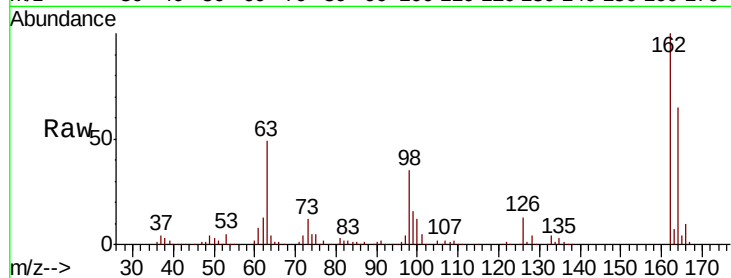




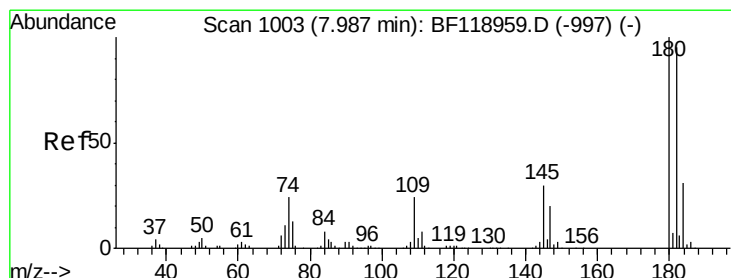
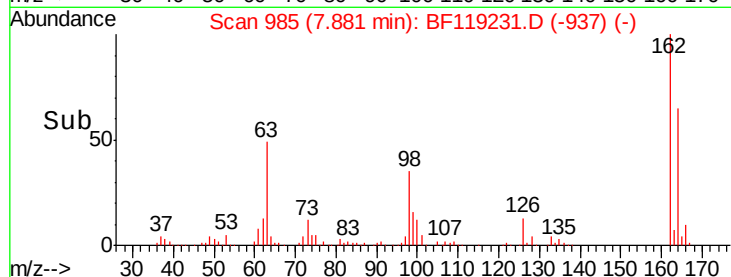
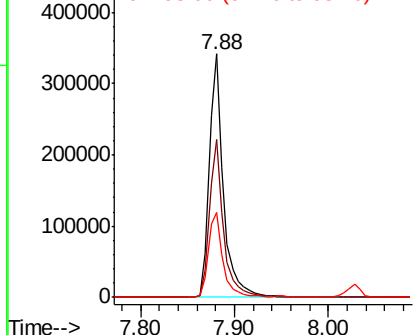
#29
2,4-Dichlorophenol
Concen: 39.678 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 363556
Ion Ratio Lower Upper
162 100
164 65.0 45.2 85.2
98 35.1 17.4 57.4

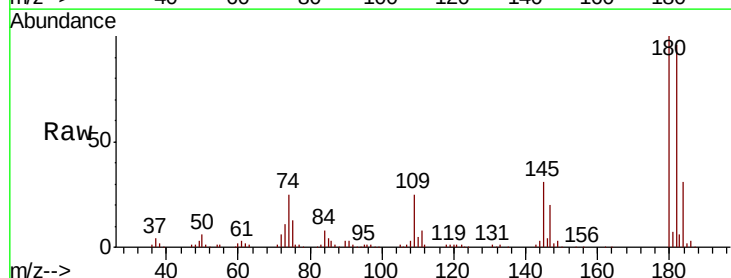


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

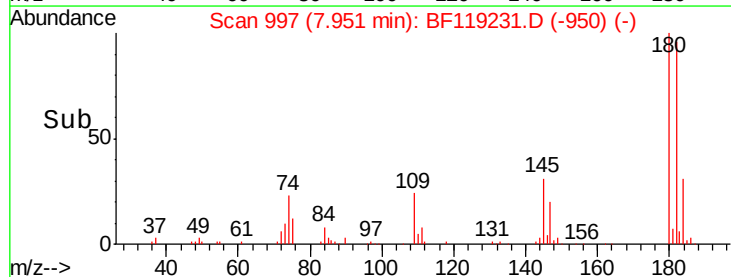
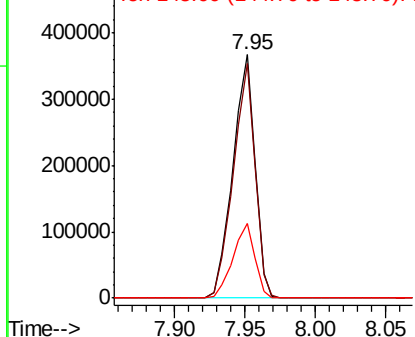


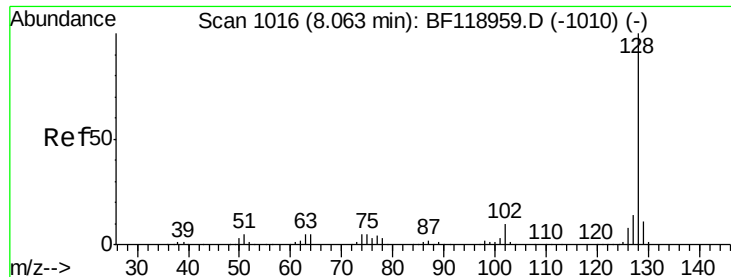
#30
1,2,4-Trichlorobenzene
Concen: 36.903 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:180 Resp: 400902
Ion Ratio Lower Upper
180 100
182 96.4 77.8 116.6
145 30.8 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

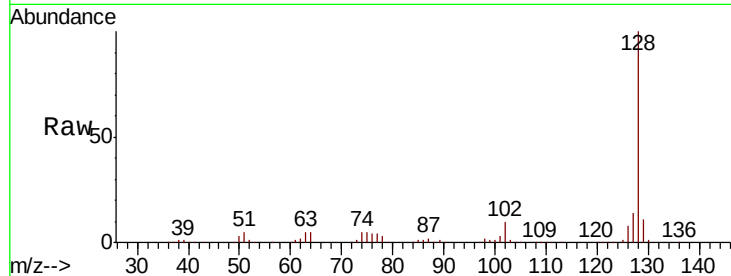




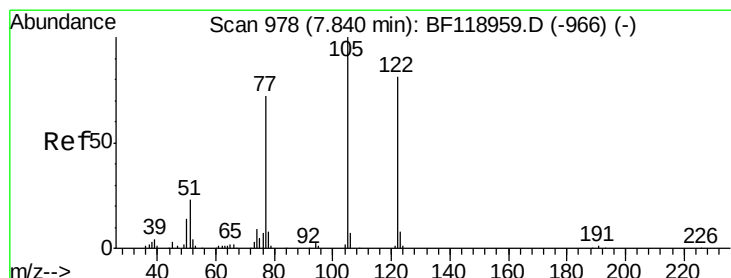
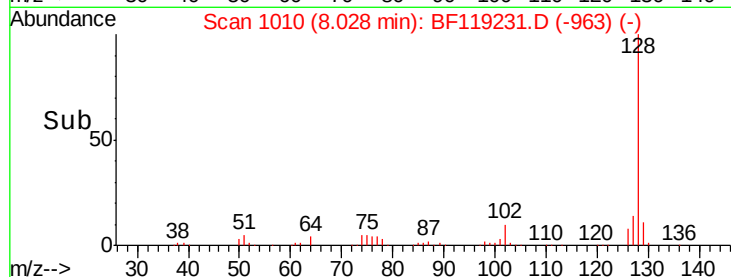
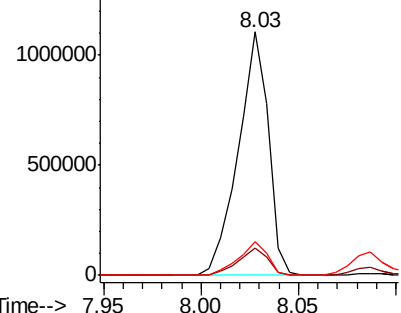
#31
Naphthalene
Concen: 39.472 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1183023
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.8 11.4 17.2

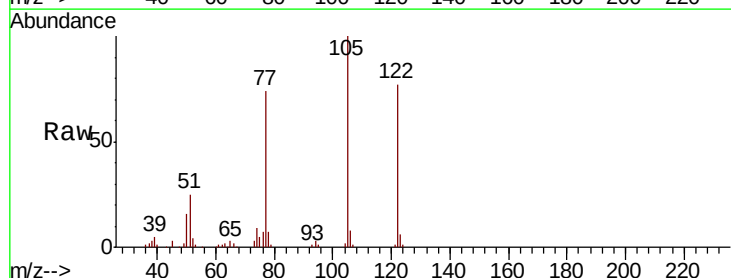


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

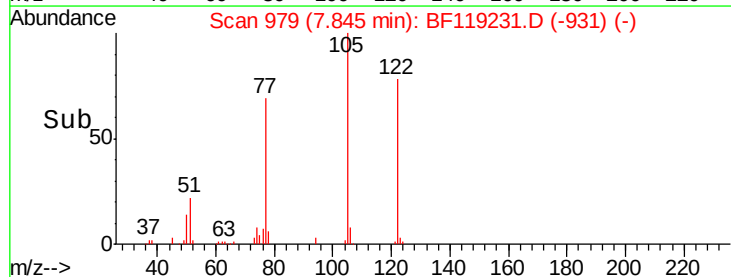
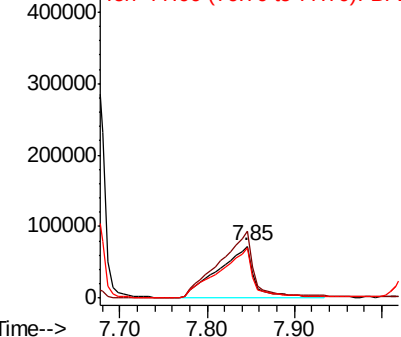


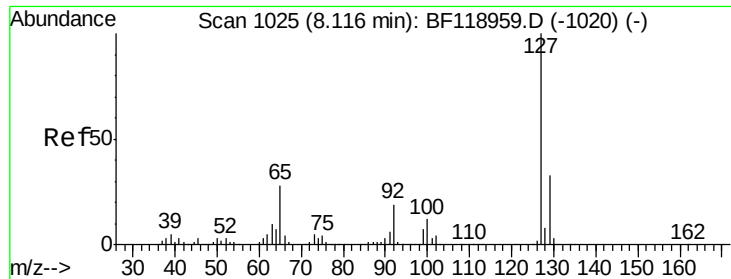
#32
Benzoic acid
Concen: 36.889 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:122 Resp: 199298
Ion Ratio Lower Upper
122 100
105 129.5 106.3 146.3
77 96.2 73.1 113.1



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

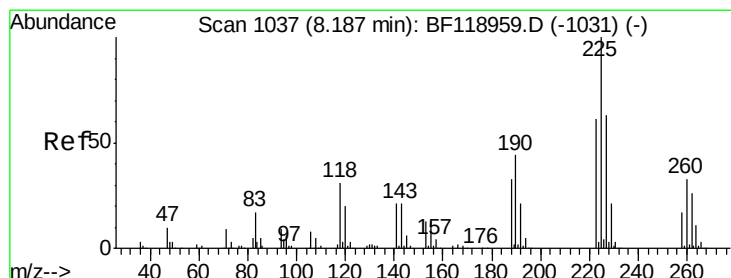
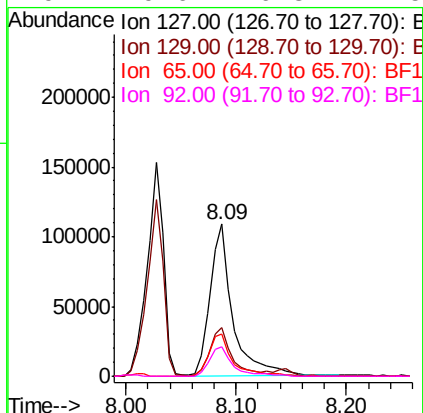
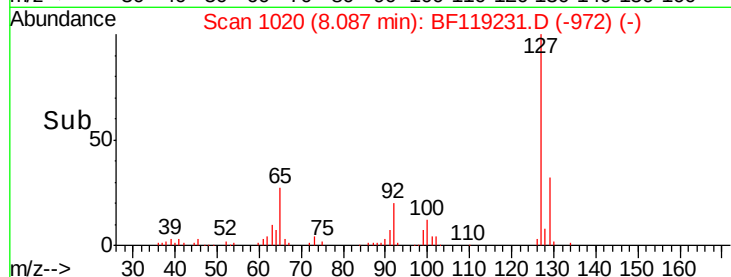
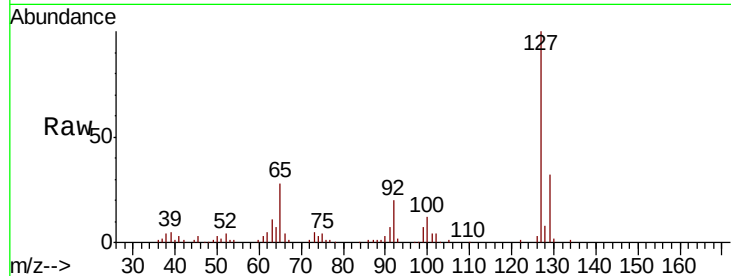




#33
4-Chloroaniline
Concen: 11.813 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

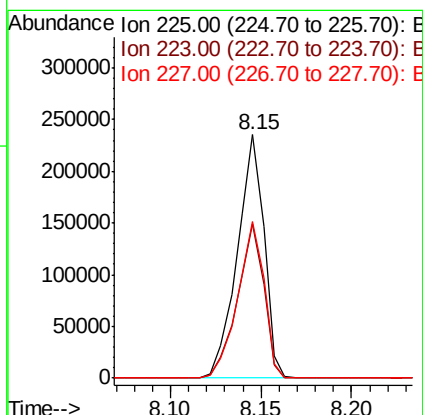
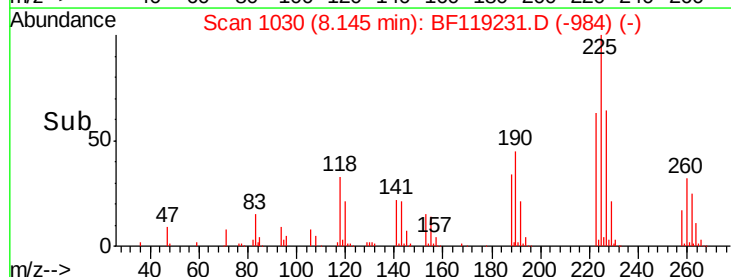
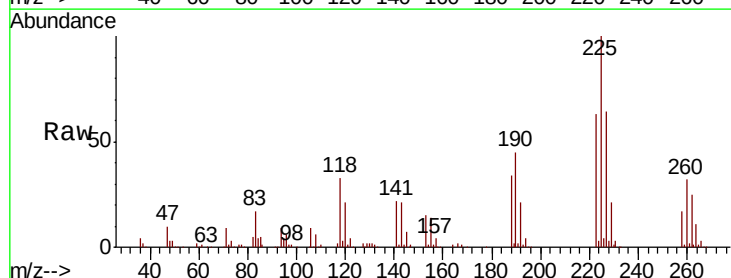
Instrument :
BNA_F
ClientSampled :

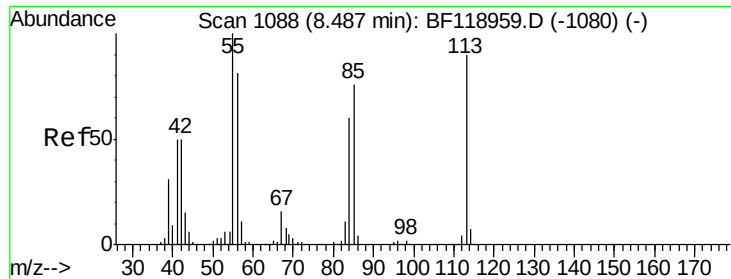
Tot Ion:	127	Resp:	152275
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	27.8	23.9	35.9
92	19.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 35.579 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:	225	Resp:	240763
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	64.5	52.9	79.3

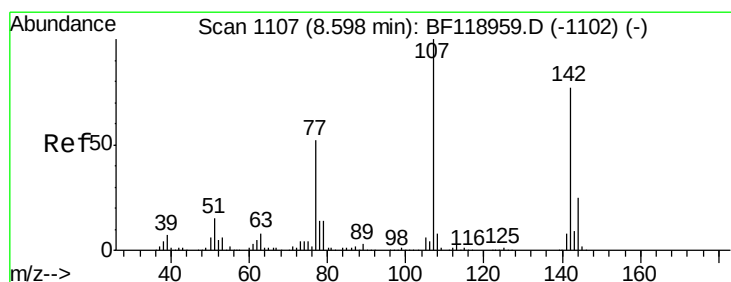
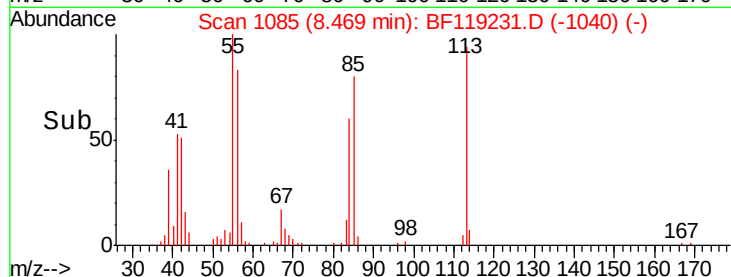
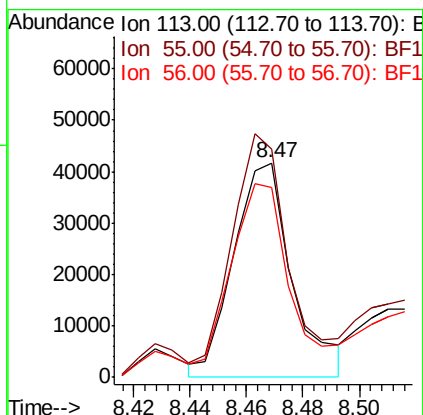
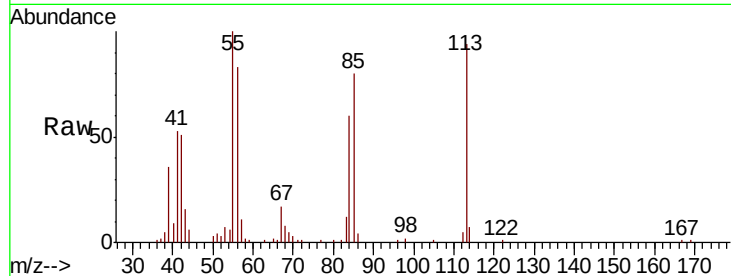




#35
 Caprolactam
 Concen: 21.344 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

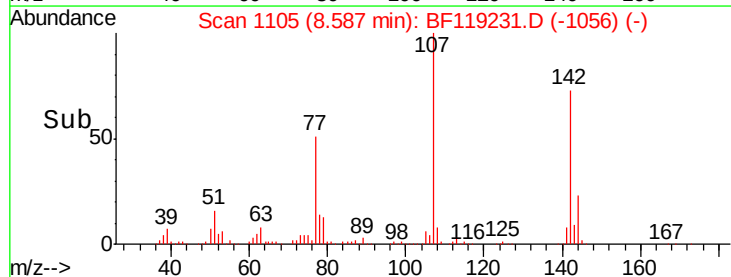
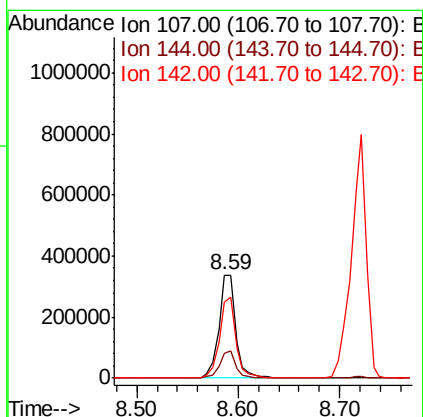
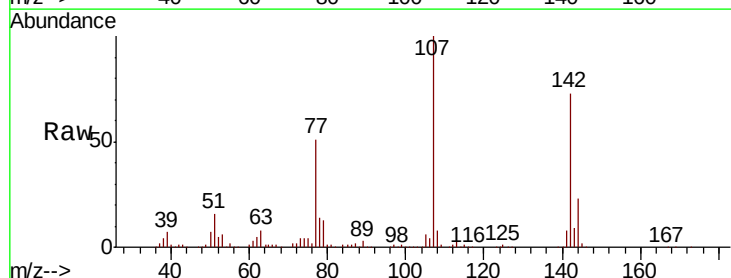
Instrument :
 BNA_F
 ClientSampleId :

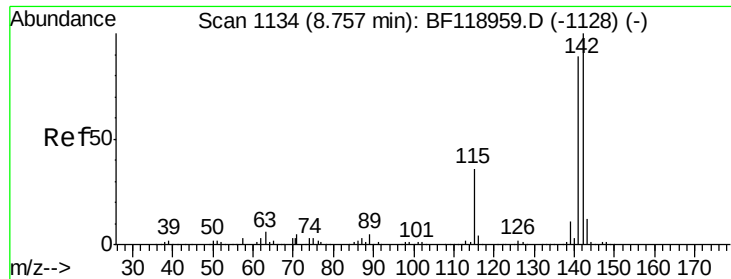
Tot Ion:113 Resp: 60219
 Ion Ratio Lower Upper
 113 100
 55 106.4 95.7 135.7
 56 88.4 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.022 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion:107 Resp: 389675
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.1 30.1
 142 73.1 61.4 92.2

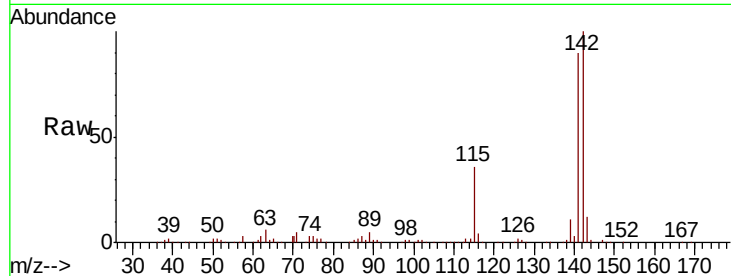




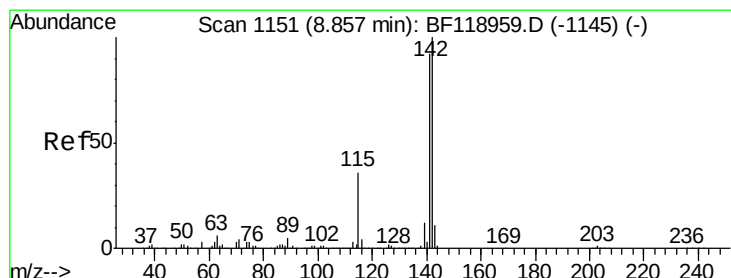
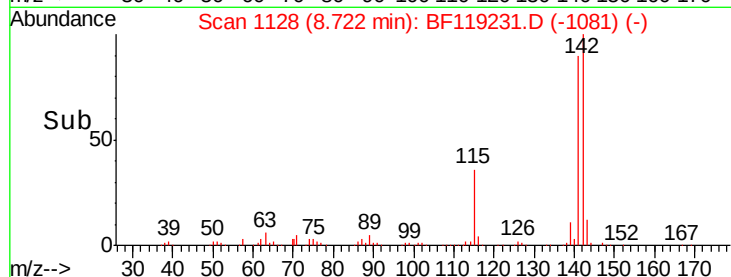
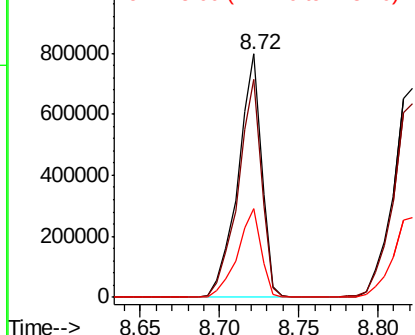
#37
2-Methylnaphthalene
Concen: 40.784 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 822599
Ion Ratio Lower Upper
142 100
141 89.5 72.3 108.5
115 36.4 30.6 45.8

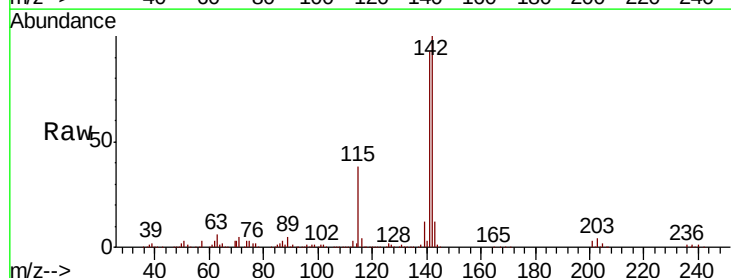


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

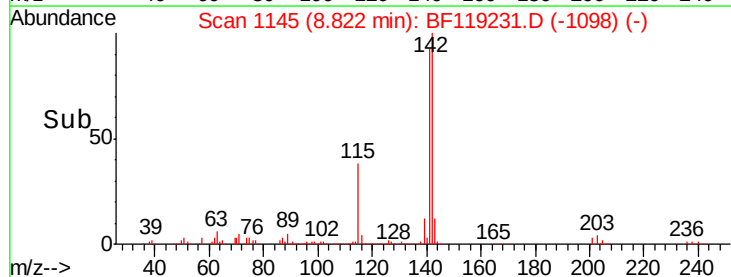
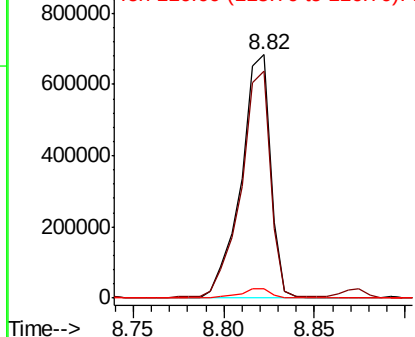


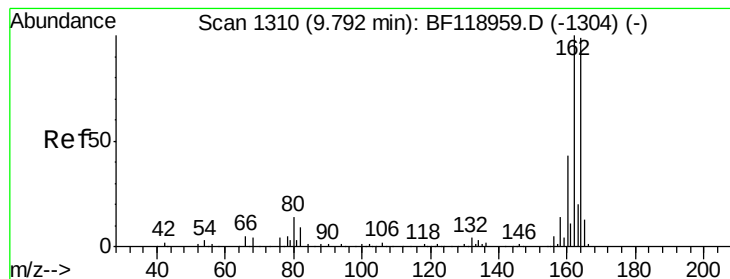
#38
1-Methylnaphthalene
Concen: 40.708 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:142 Resp: 772181
Ion Ratio Lower Upper
142 100
141 93.0 75.8 113.6
116 3.8 3.1 4.7



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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

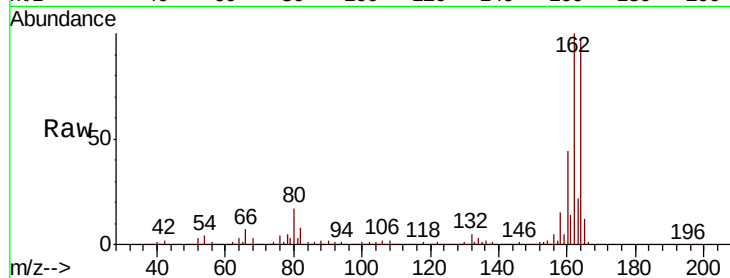
Tot Ion:164 Resp: 325256

Ion Ratio Lower Upper

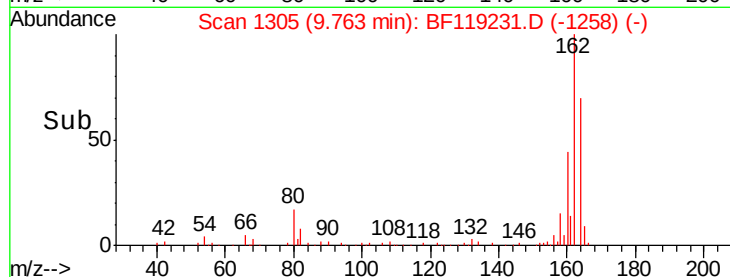
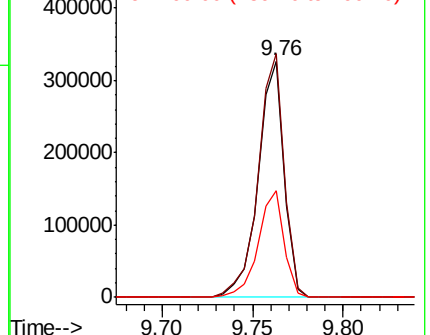
164 100

162 103.1 81.8 122.8

160 45.1 36.0 54.0



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: 37.227 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Tgt Ion:216 Resp: 408241

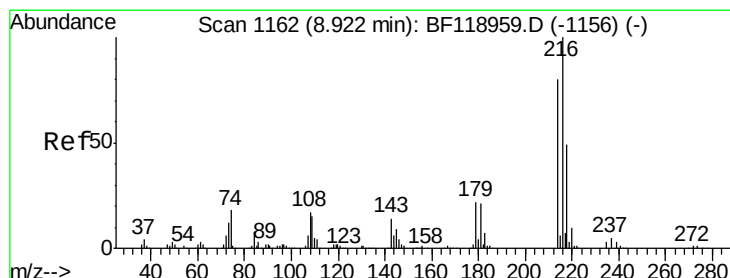
Ion Ratio Lower Upper

216 100

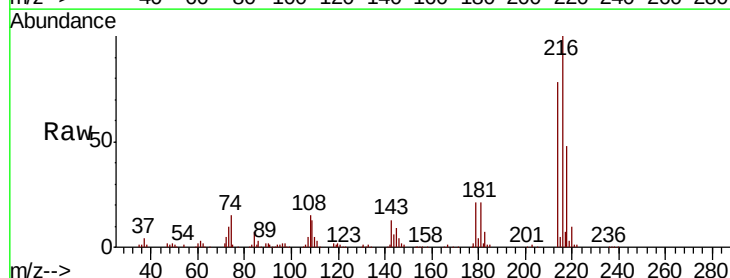
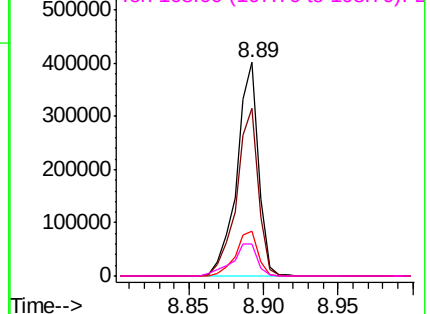
214 79.0 63.3 94.9

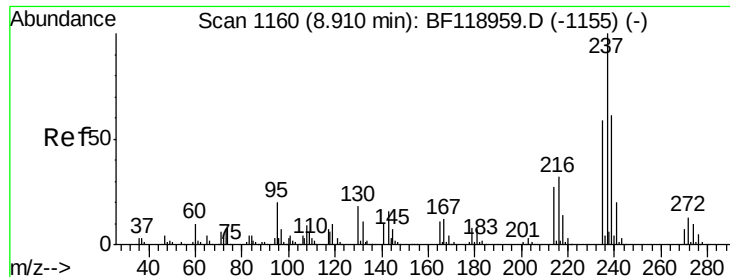
179 21.8 17.7 26.5

108 17.9 13.9 20.9



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

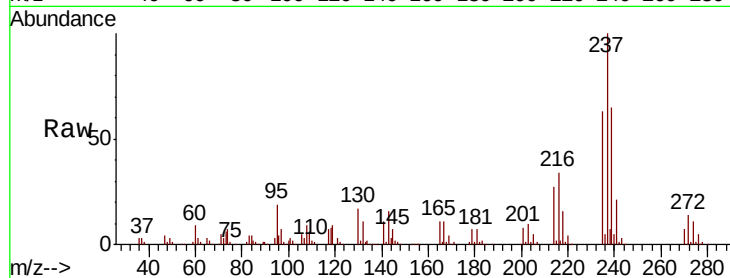




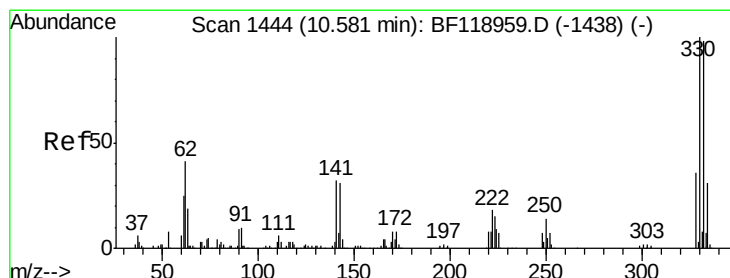
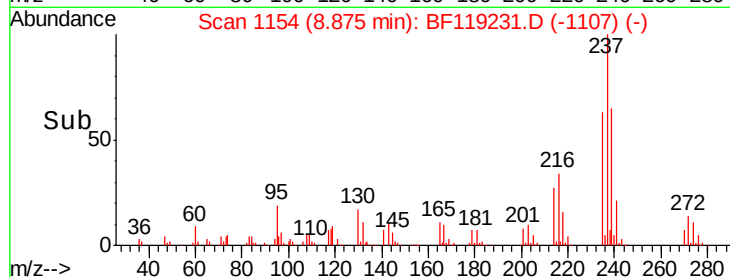
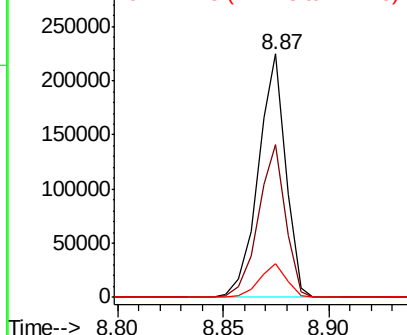
#41
Hexachlorocyclopentadiene
Concen: 54.316 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 203174
Ion Ratio Lower Upper
237 100
235 62.9 42.3 82.3
272 13.8 0.0 33.5

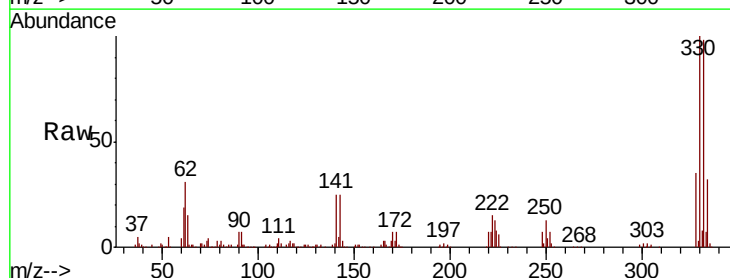


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

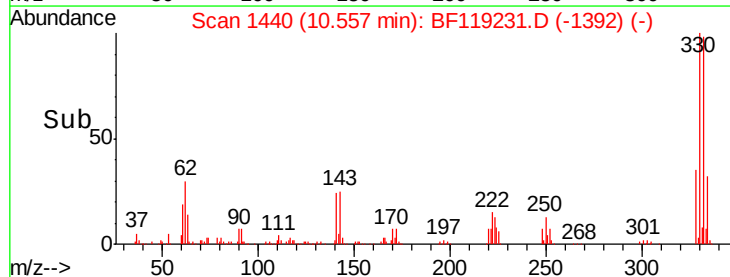
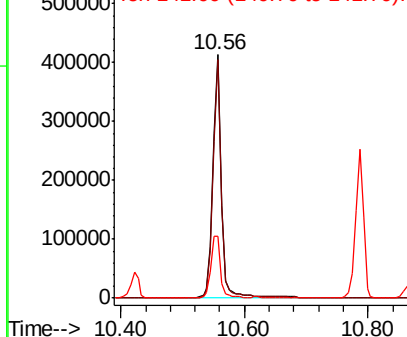


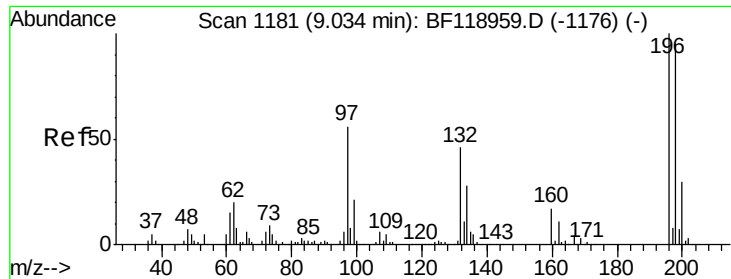
#42
2,4,6-Tribromophenol
Concen: 90.816 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:330 Resp: 386411
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 28.7 22.9 34.3



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

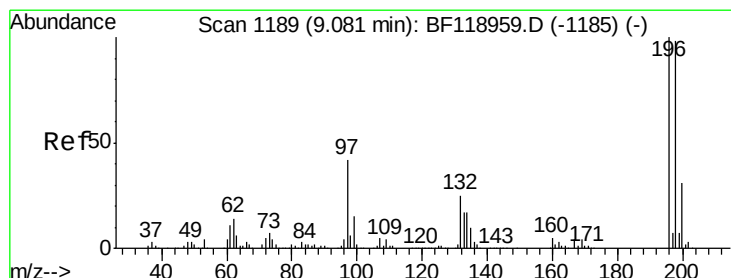
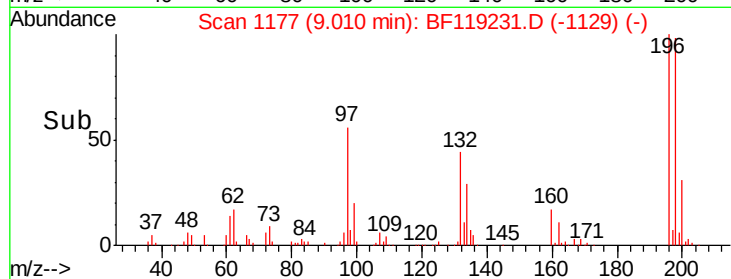
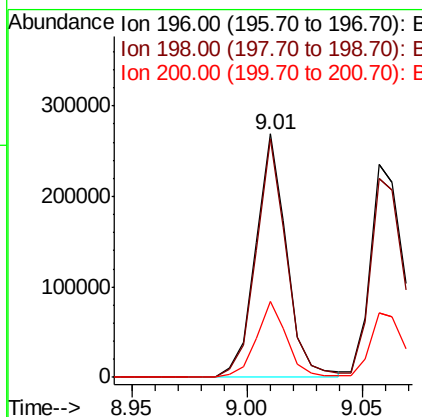
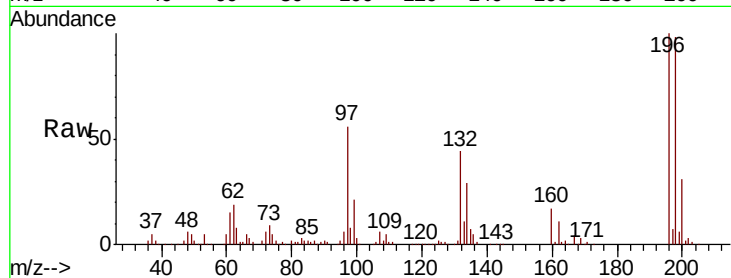




#43
 2,4,6-Trichlorophenol
 Concen: 36.300 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

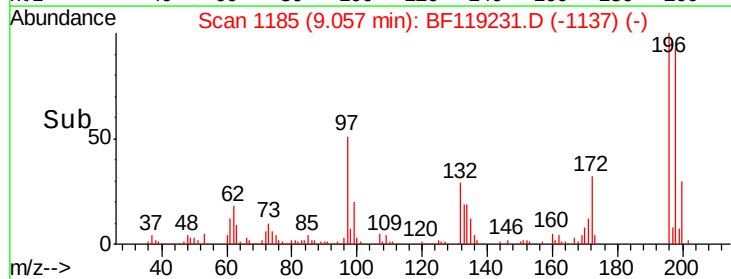
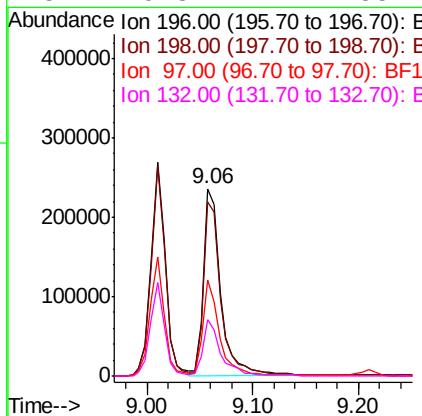
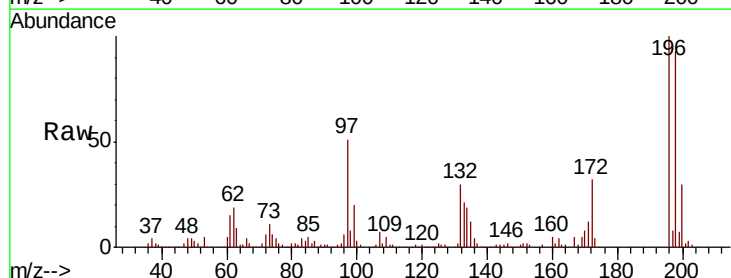
Instrument :
 BNA_F
 ClientSampled :

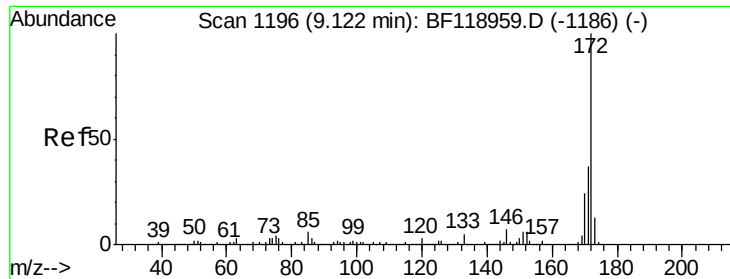
Tot Ion:196 Resp: 251385
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.1 115.7
 200 31.4 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 36.911 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion:196 Resp: 268227
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.8 115.2
 97 51.3 38.5 57.7
 132 29.8 22.2 33.4

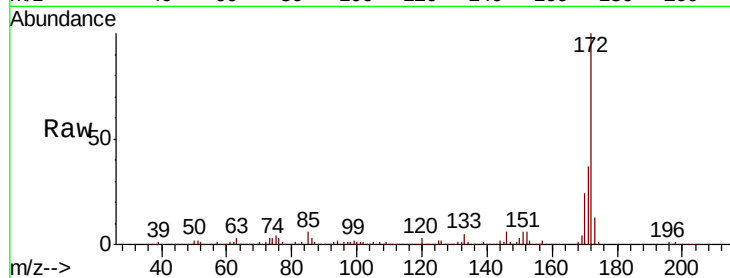




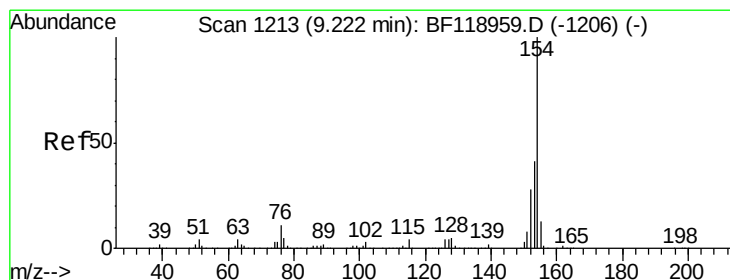
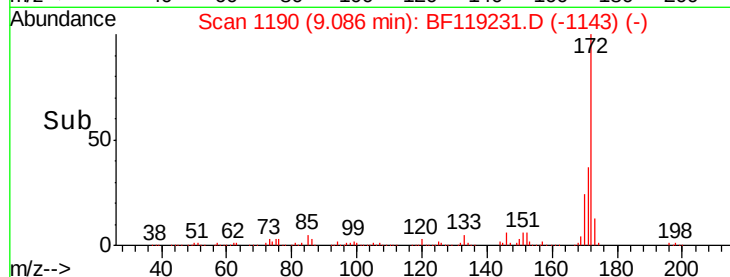
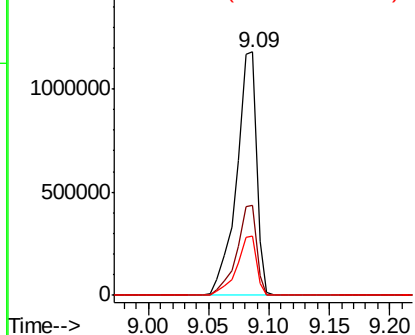
#45
2-Fluorobiphenyl
Concen: 62.261 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1374637
Ion Ratio Lower Upper
172 100
171 36.8 30.6 45.8
170 24.1 20.2 30.2

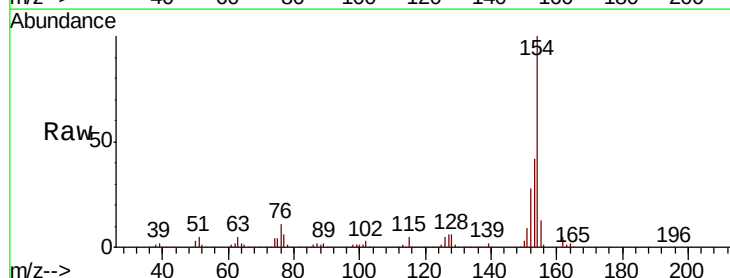


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

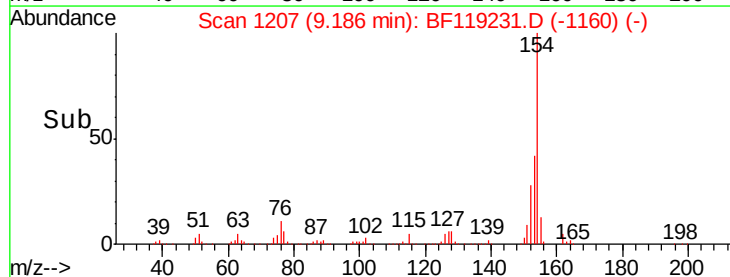
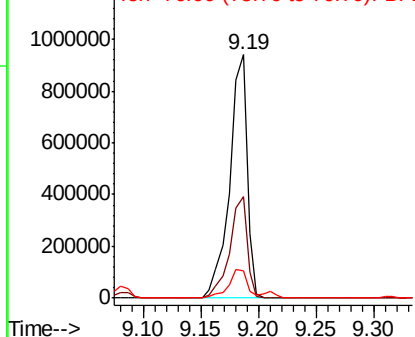


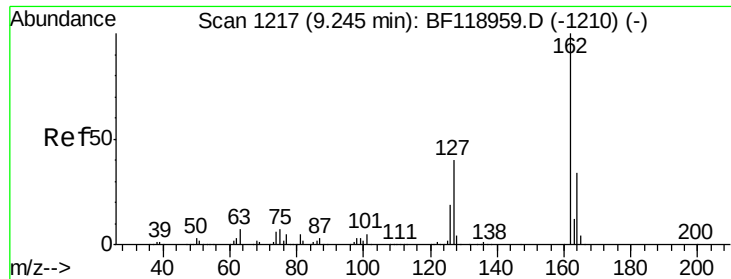
#46
1,1'-Biphenyl
Concen: 37.783 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:154 Resp: 993209
Ion Ratio Lower Upper
154 100
153 41.6 22.8 62.8
76 11.3 0.0 32.2



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

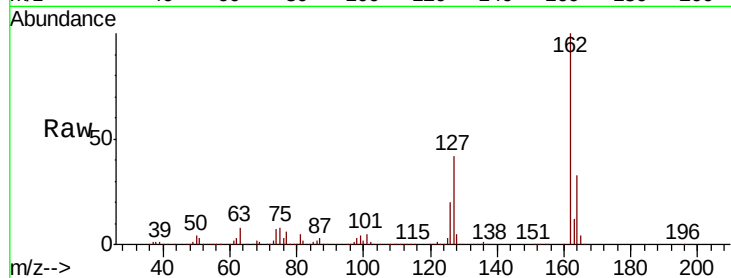




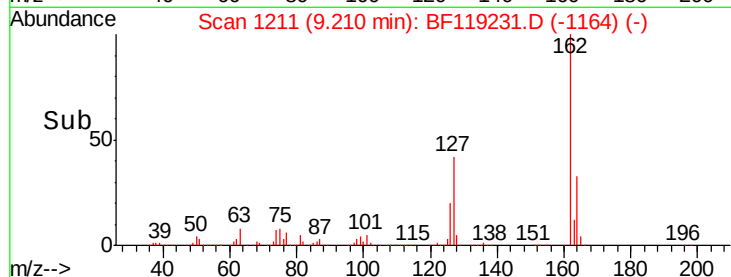
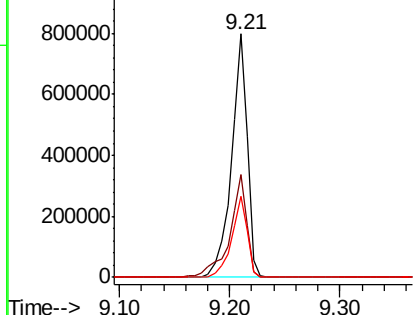
#47
 2-Chloronaphthalene
 Concen: 37.724 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	35.0	52.4
164	33.1	27.2	40.8

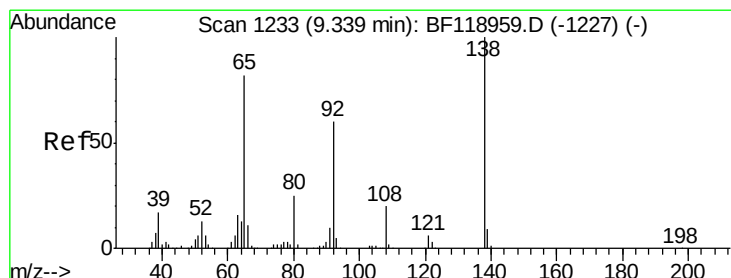


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

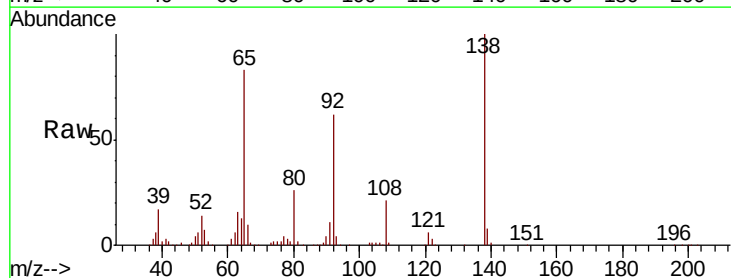
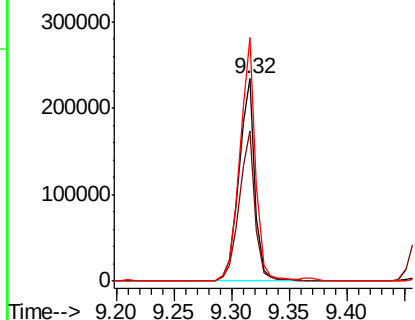


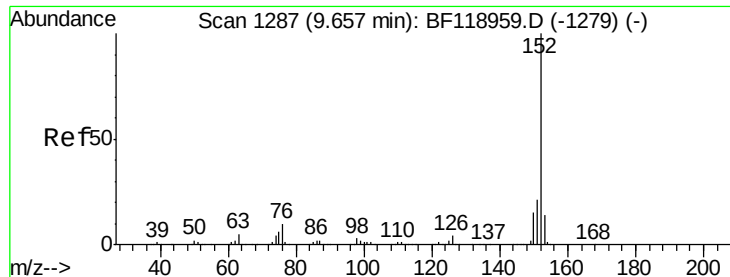
#48
 2-Nitroaniline
 Concen: 38.235 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	58.2	87.2
138	120.3	95.6	143.4



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





#49

Acenaphthylene

Concen: 39.990 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

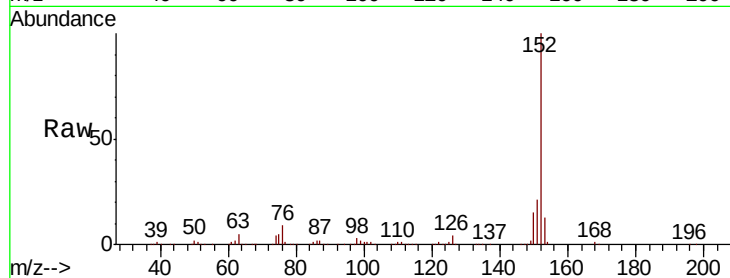
Tot Ion:152 Resp: 1223526

Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

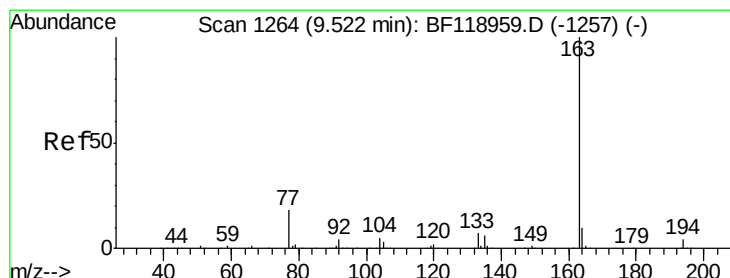
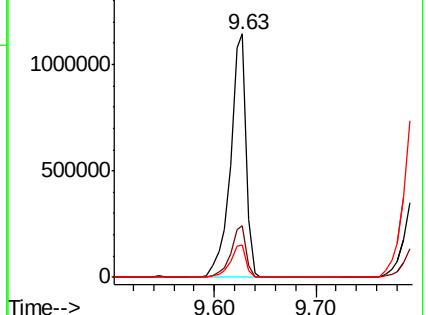
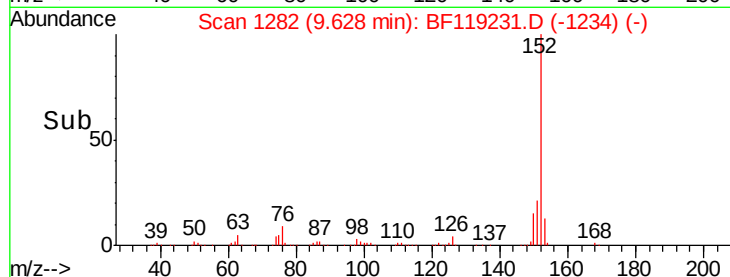
153 13.1 11.0 16.6



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: 44.283 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

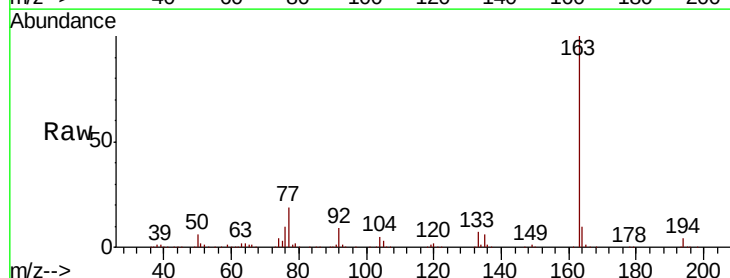
Tgt Ion:163 Resp: 1101400

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

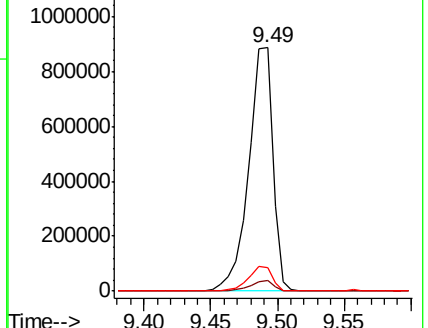
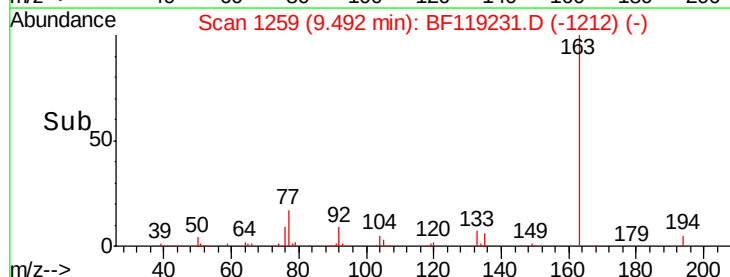
164 9.9 8.4 12.6

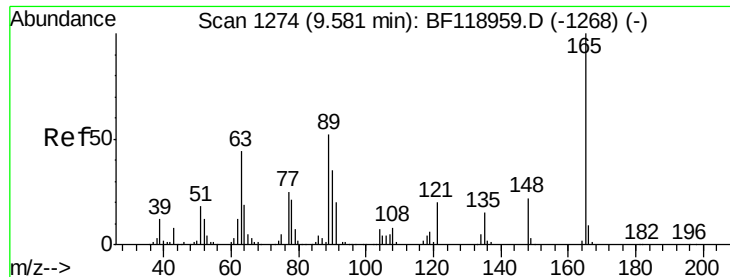


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

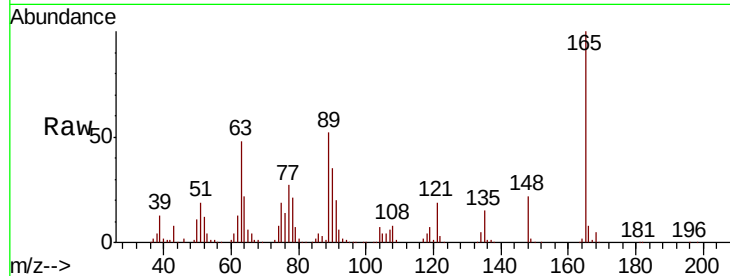




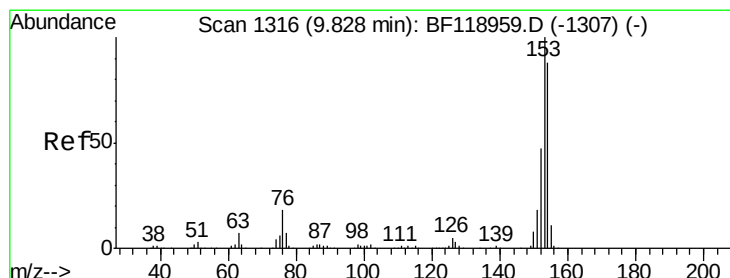
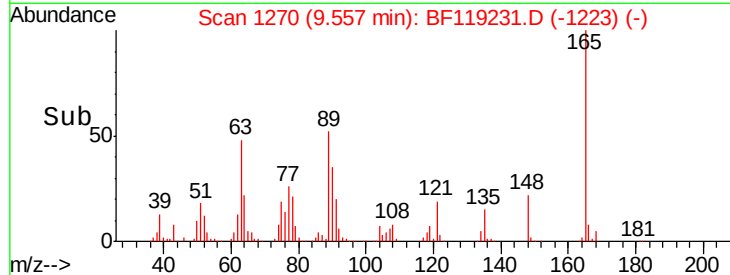
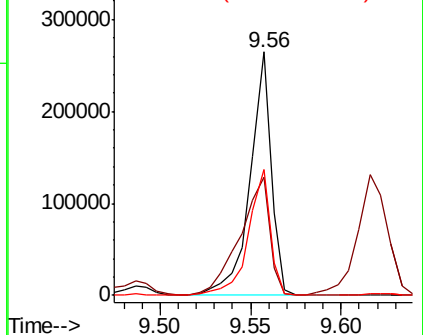
#51
 2,6-Dinitrotoluene
 Concen: 39.002 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.4	34.3	51.5
89	51.8	38.3	57.5

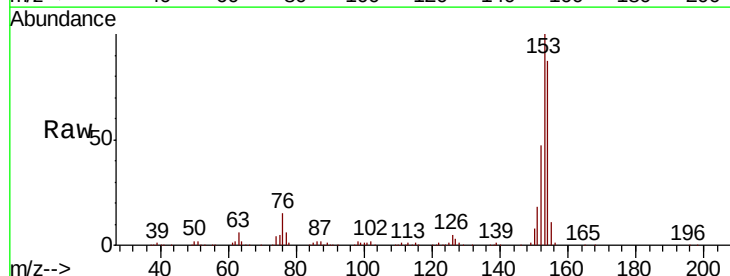


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

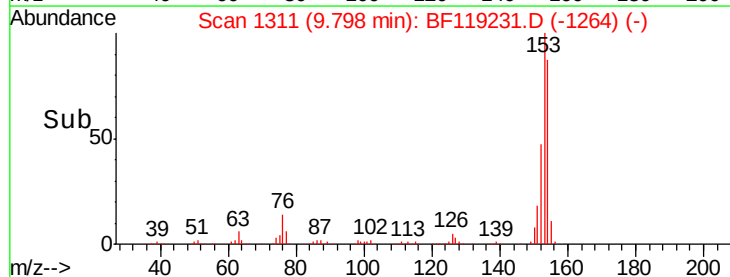
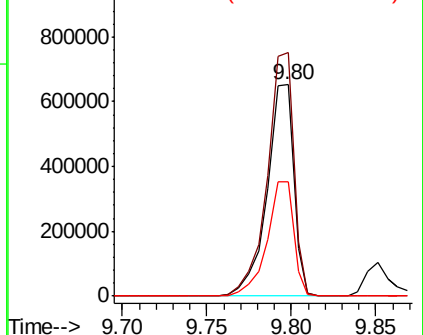


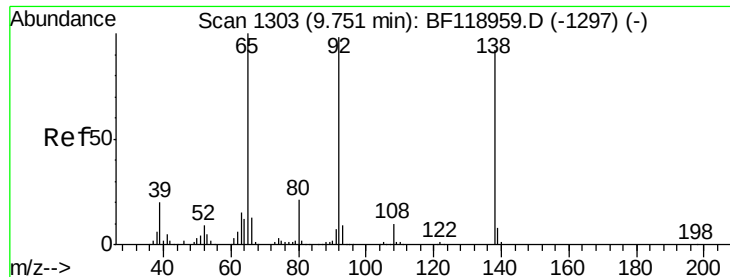
#52
 Acenaphthene
 Concen: 38.945 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.3	135.5
152	53.9	43.8	65.8



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

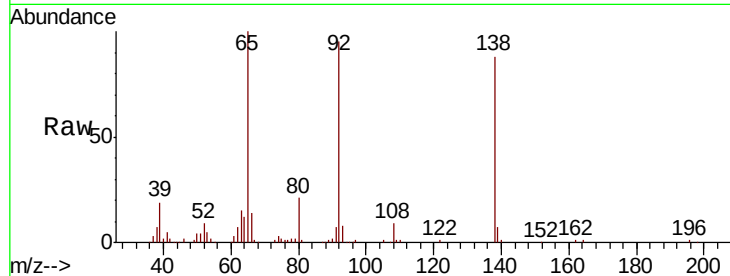




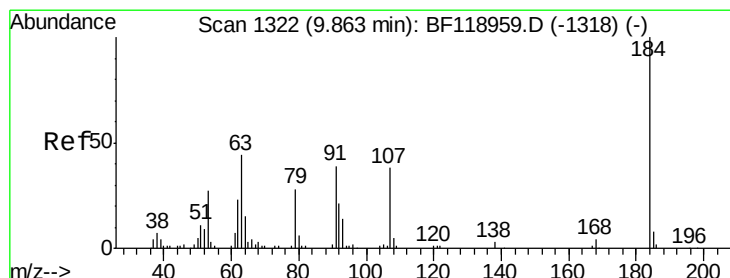
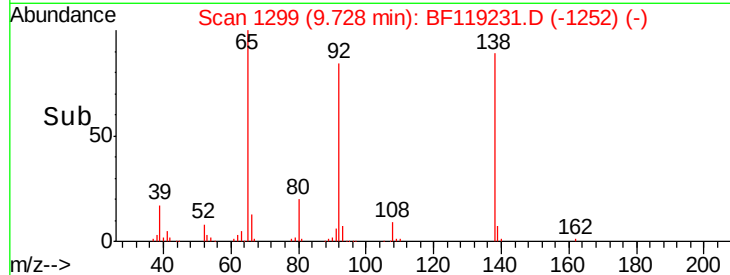
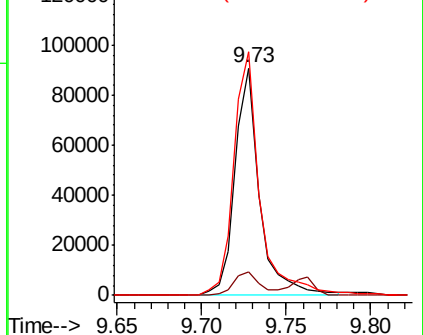
#53
3-Nitroaniline
Concen: 15.026 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 92046
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 107.3 84.8 127.2

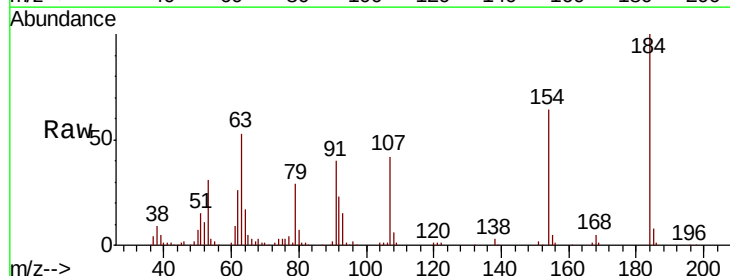


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

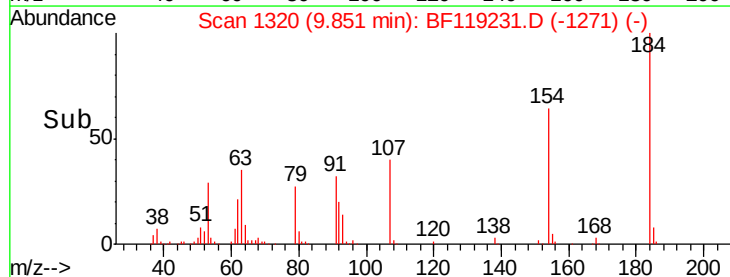
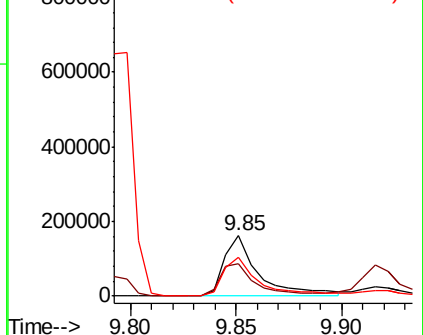


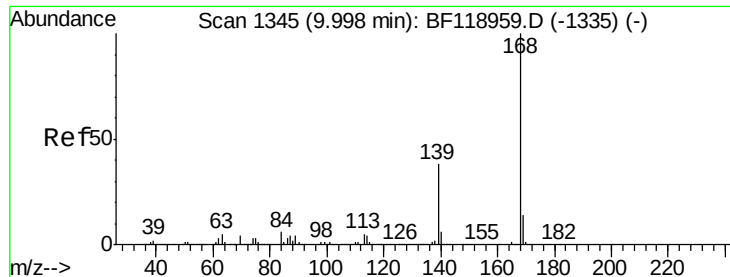
#54
2,4-Dinitrophenol
Concen: 69.788 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:184 Resp: 184600
Ion Ratio Lower Upper
184 100
63 53.2 38.7 58.1
154 63.6 49.7 74.5



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

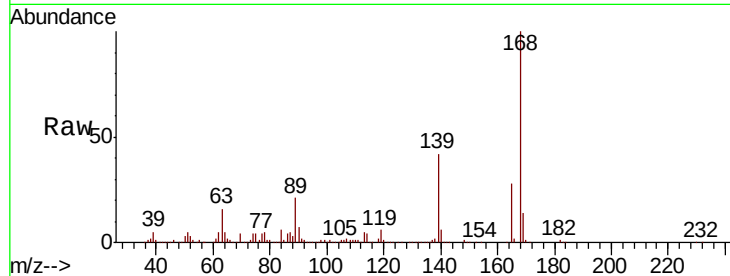




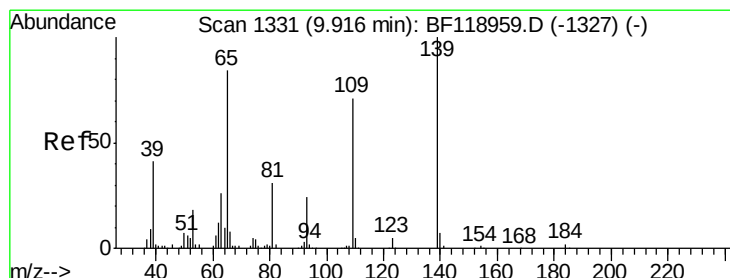
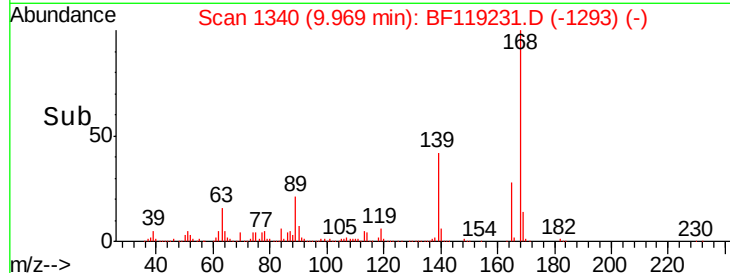
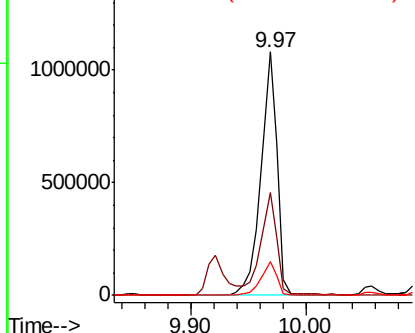
#55
Dibenzofuran
Concen: 38.509 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1060398
Ion Ratio Lower Upper
168 100
139 42.3 34.0 51.0
169 13.8 11.0 16.4

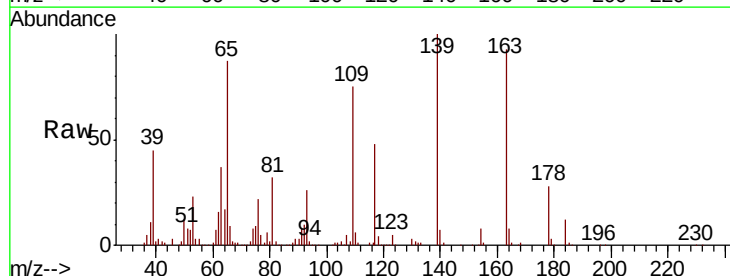


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

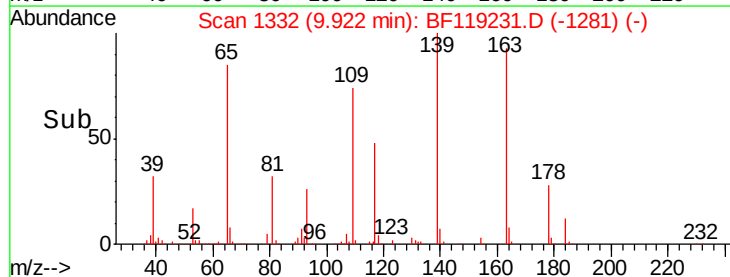
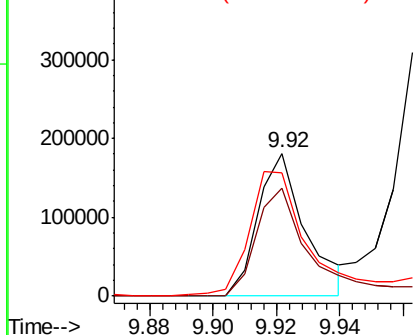


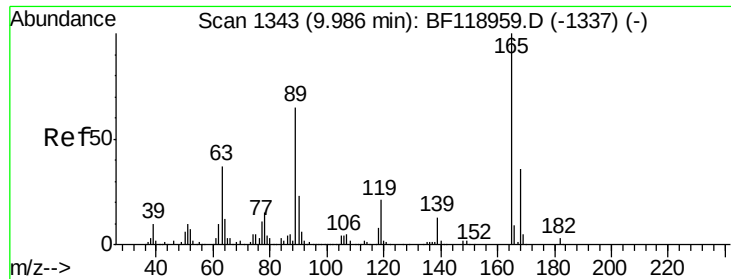
#56
4-Nitrophenol
Concen: 51.088 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:139 Resp: 188035
Ion Ratio Lower Upper
139 100
109 75.3 56.7 96.7
65 86.9 65.0 105.0



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

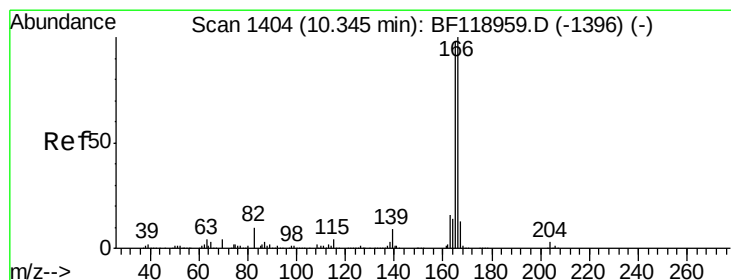
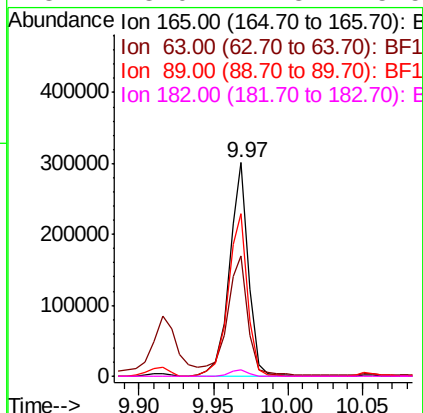
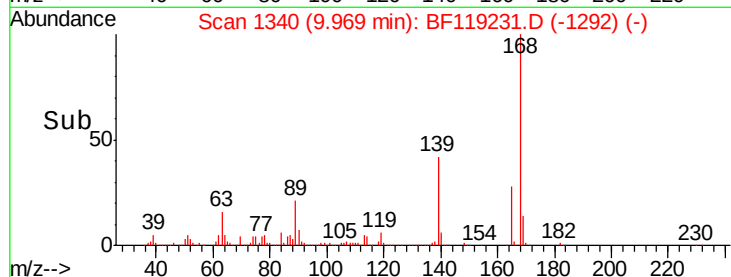
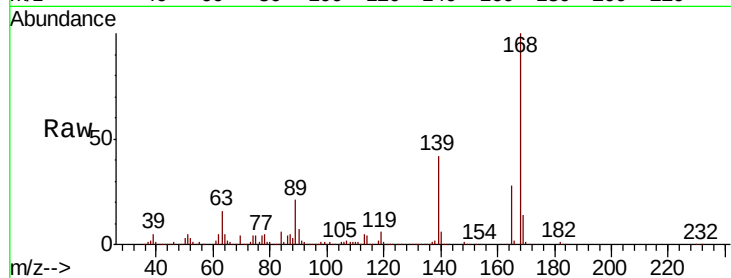




#57
 2,4-Dinitrotoluene
 Concen: 37.791 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

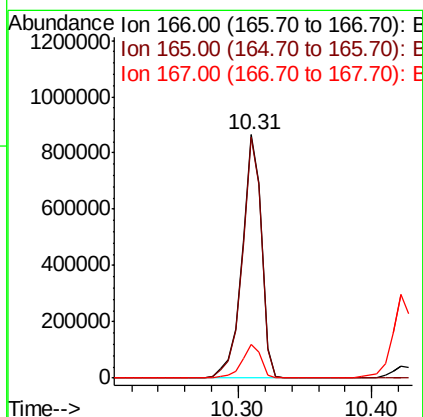
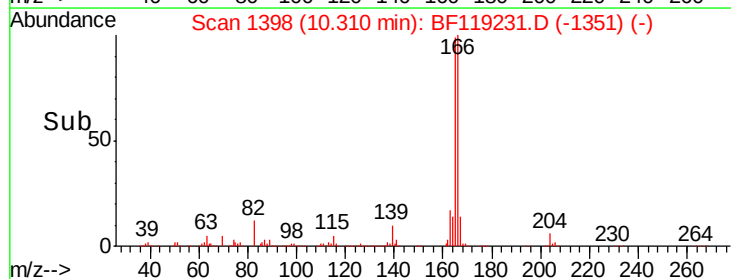
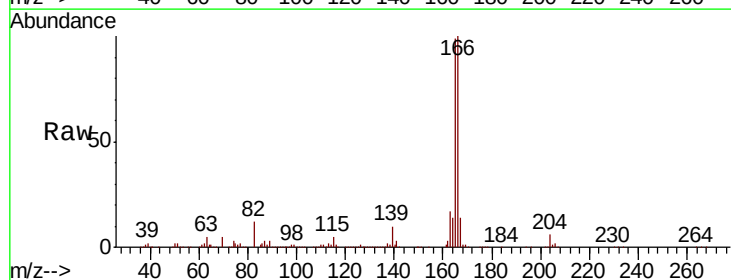
Instrument :
 BNA_F
 ClientSampleId :

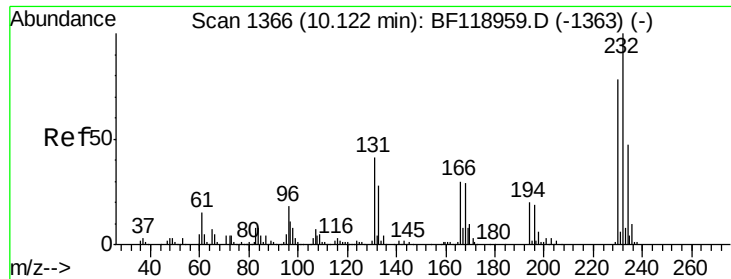
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.3	42.3	63.5
89	76.2	60.2	90.4
182	3.0	2.3	3.5



#58
 Fluorene
 Concen: 40.201 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.5	117.7
167	13.7	11.0	16.4

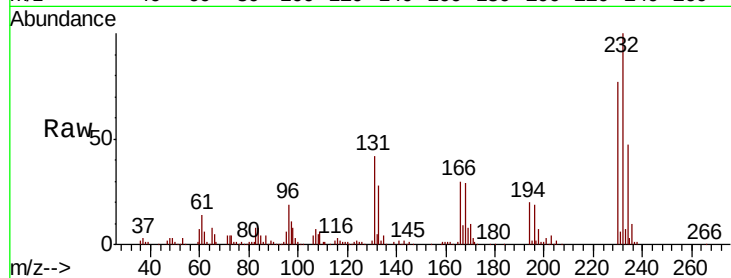




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.091 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.5	33.8	50.8
130	2.2	1.8	2.6
166	26.3	23.0	34.4



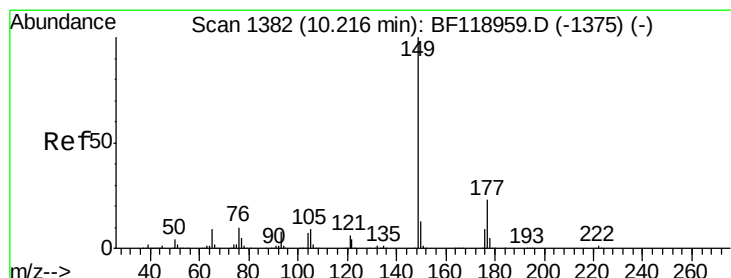
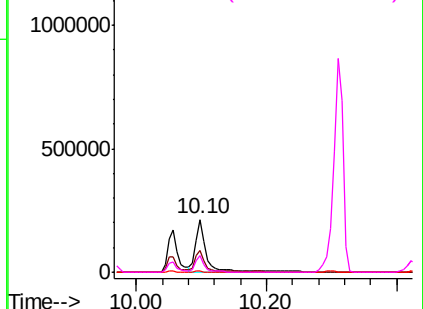
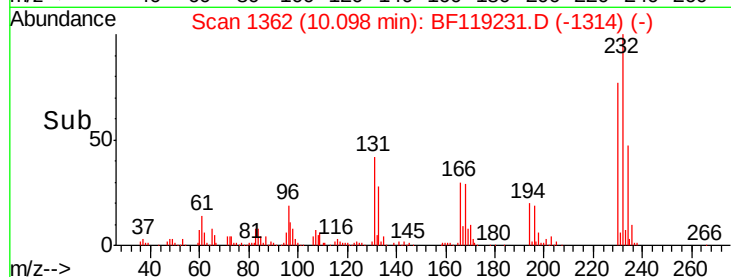
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

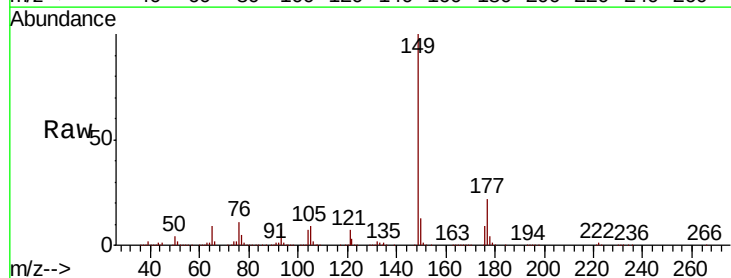
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.458 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	13.0	10.5	15.7

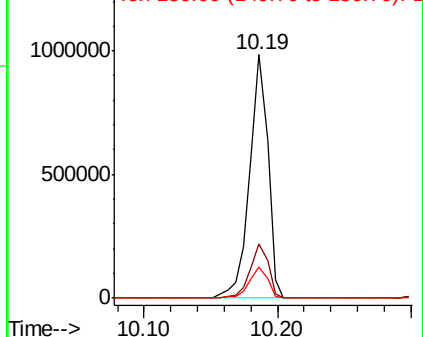
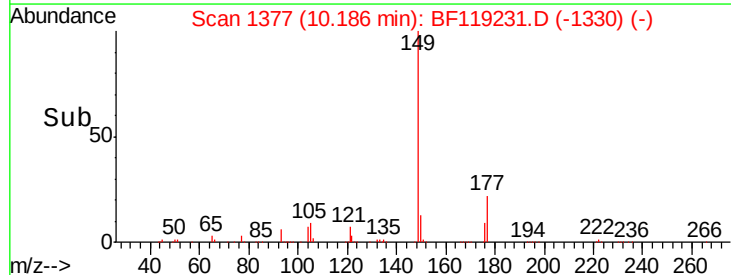


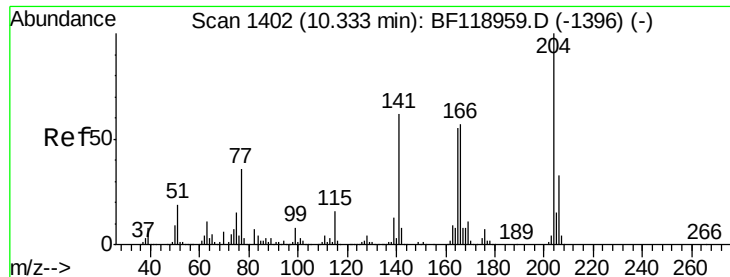
Abundance

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

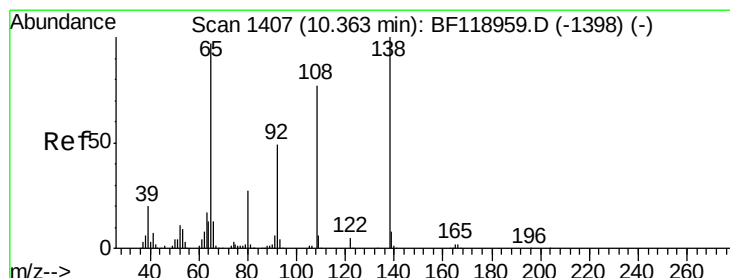
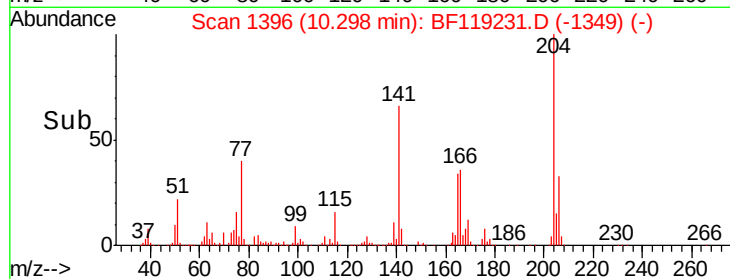
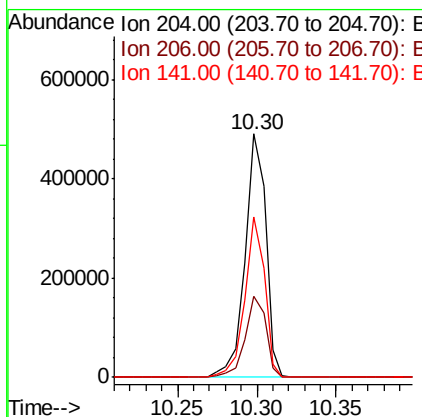
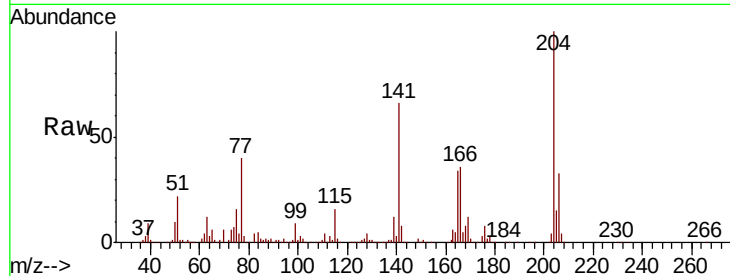




#61
 4-Chlorophenyl-phenylether
 Concen: 39.269 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

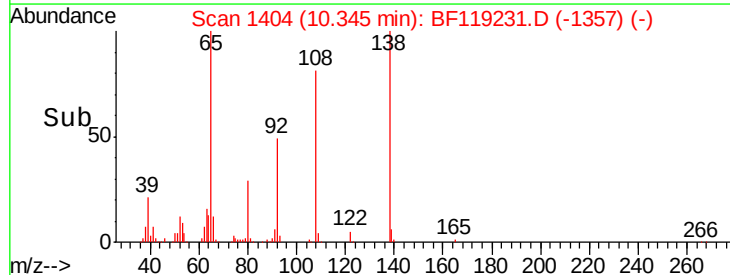
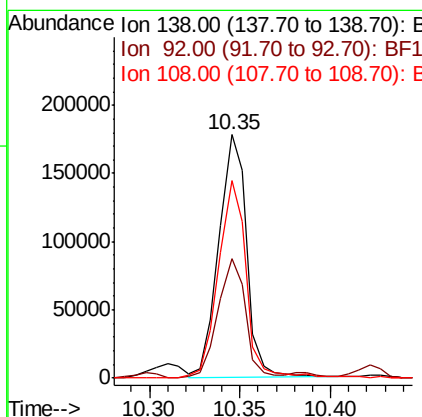
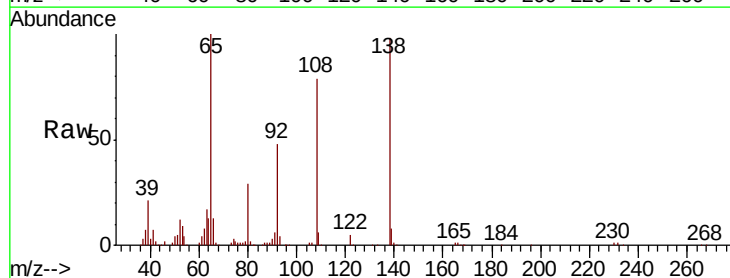
Instrument :
 BNA_F
 ClientSampleId :

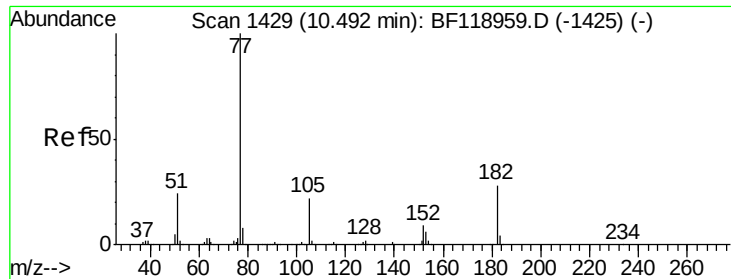
Tot Ion:	204	Resp:	444761
Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.1	40.7
141	66.0	52.9	79.3



#62
 4-Nitroaniline
 Concen: 30.251 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion:	138	Resp:	189599
Ion	Ratio	Lower	Upper
138	100		
92	48.9	27.3	67.3
108	81.3	57.0	97.0

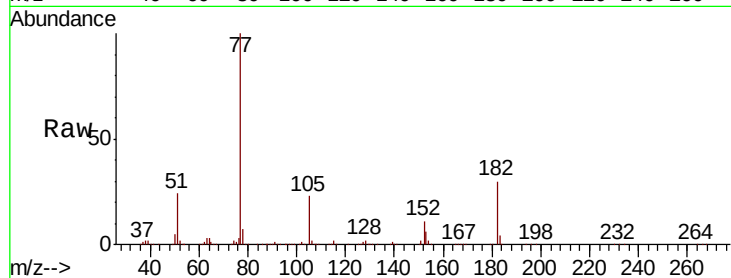




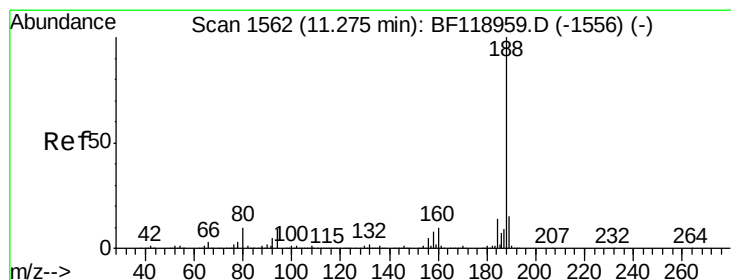
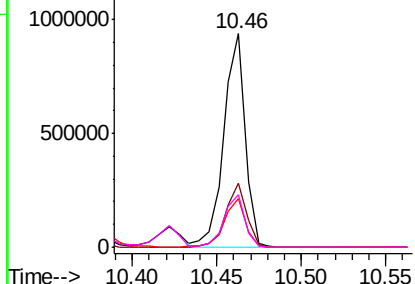
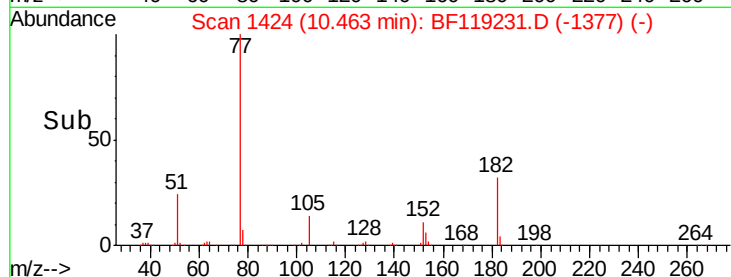
#63
Azobenzene
Concen: 40.470 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	824505
Ion	Ratio	Lower	Upper
77	100		
182	30.1	11.4	51.4
105	22.9	3.4	43.4
51	24.4	5.1	45.1

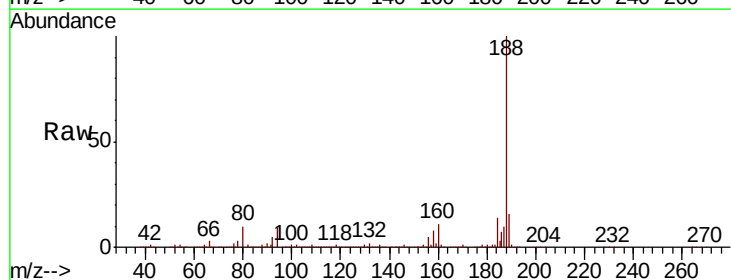


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

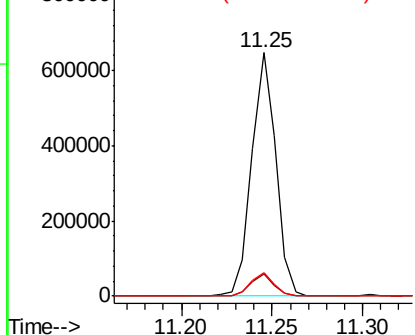
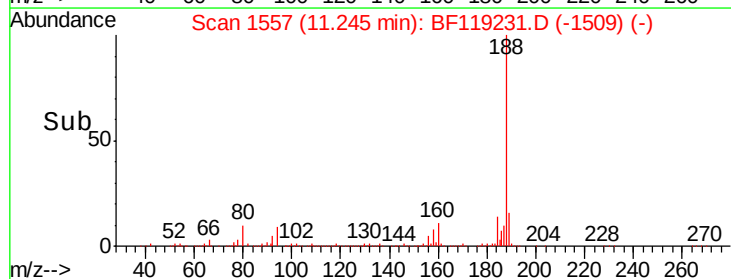


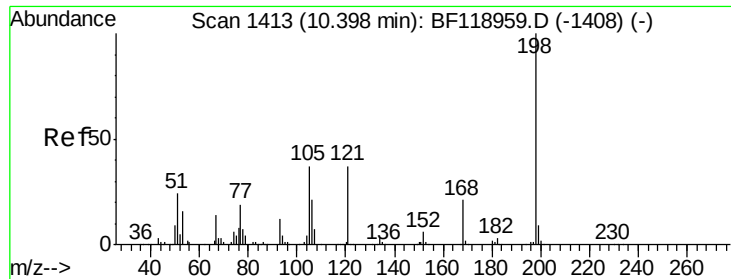
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:	188	Resp:	599870
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.7	7.8	11.8



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

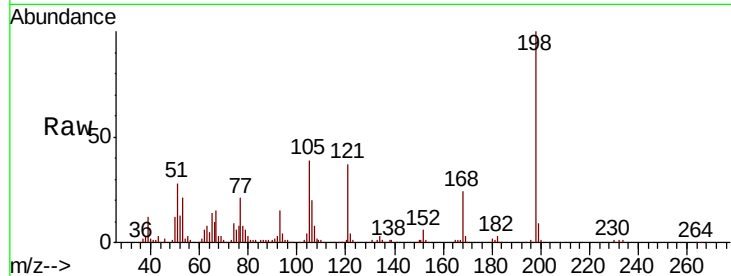




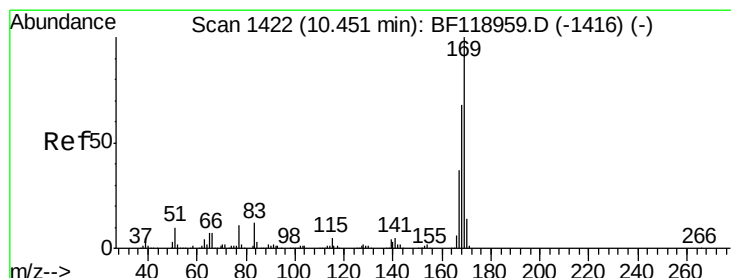
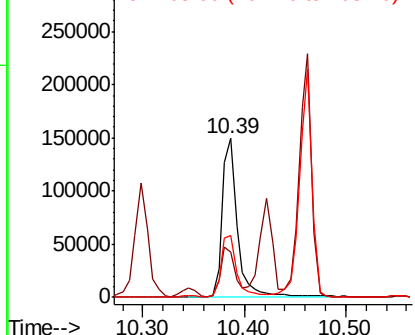
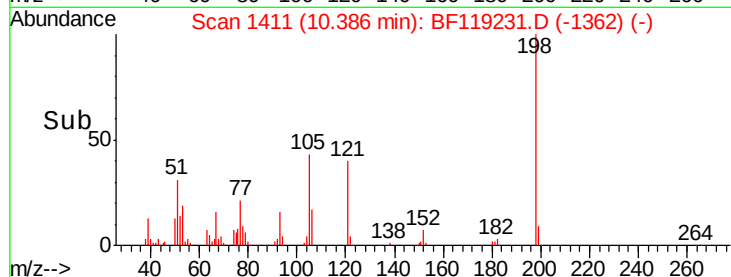
#65
4,6-Dinitro-2-methylphenol
Concen: 43.111 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 156489
Ion Ratio Lower Upper
198 100
51 28.4 14.2 54.2
105 39.1 22.7 62.7

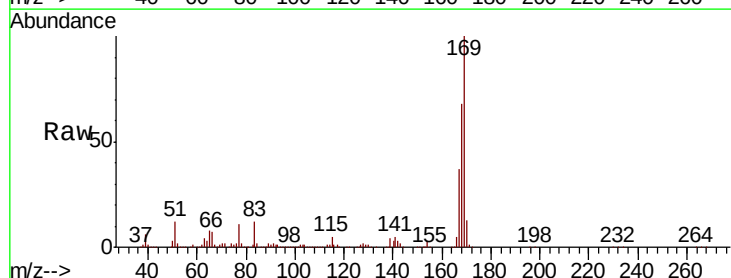


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

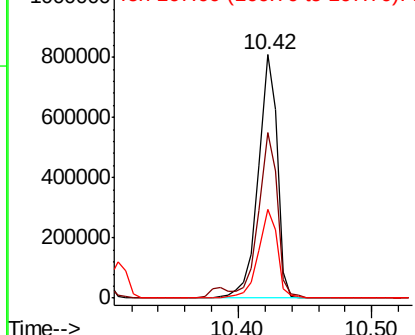
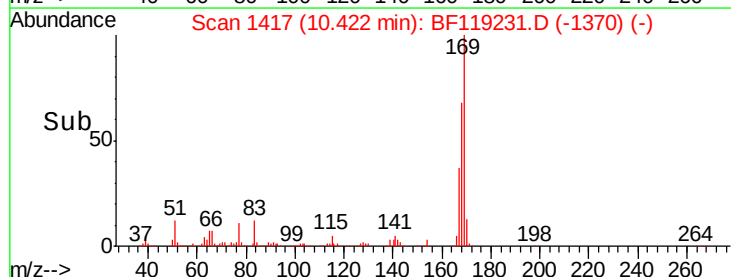


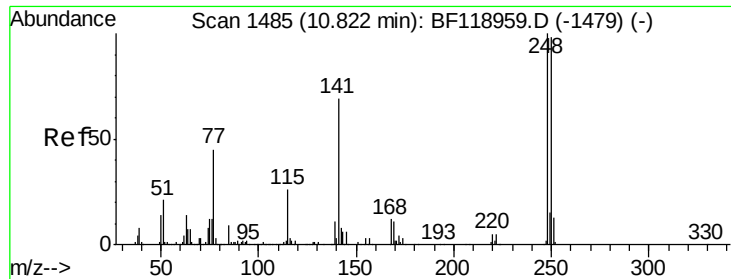
#66
n-Nitrosodiphenylamine
Concen: 39.812 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:169 Resp: 781988
Ion Ratio Lower Upper
169 100
168 68.1 54.1 81.1
167 36.7 29.4 44.0



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

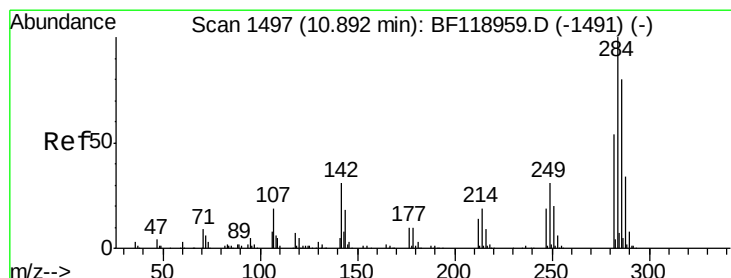
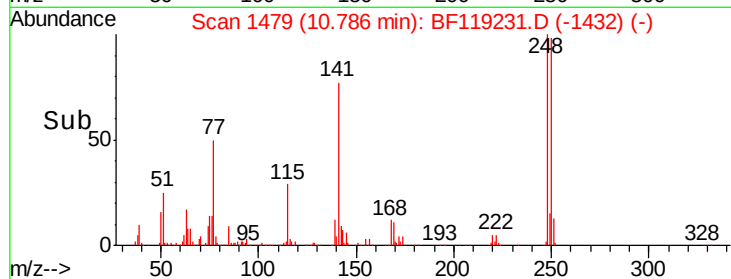
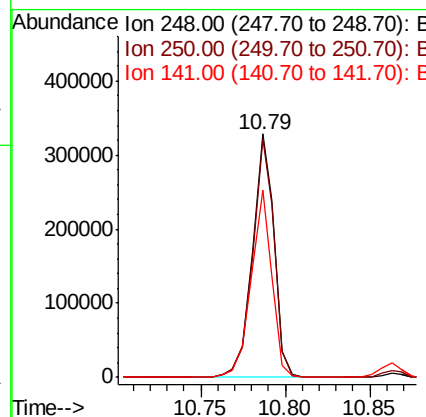
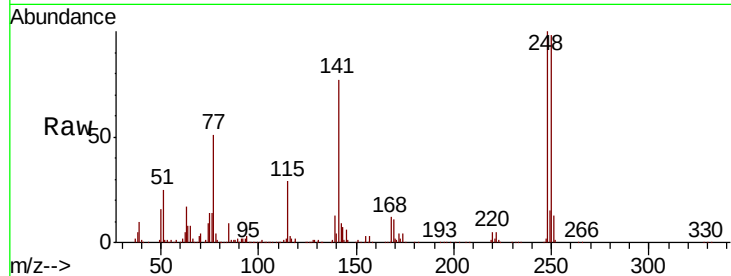




#67
4-Bromophenyl-phenylether
Concen: 37.699 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

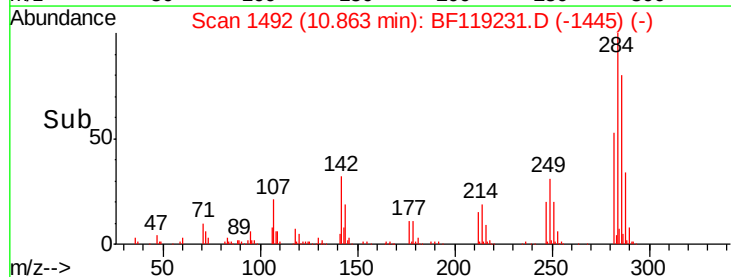
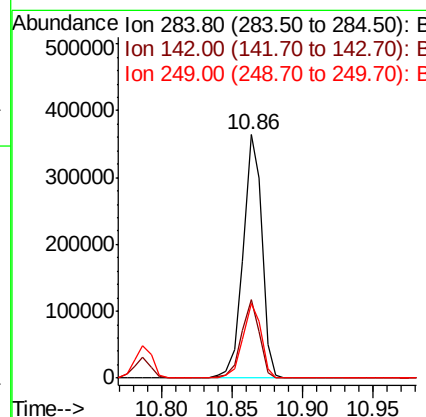
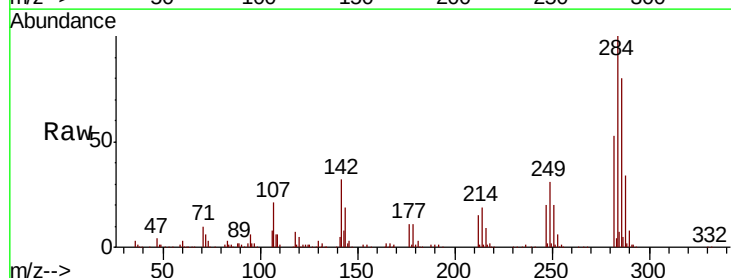
Instrument :
BNA_F
ClientSampled :

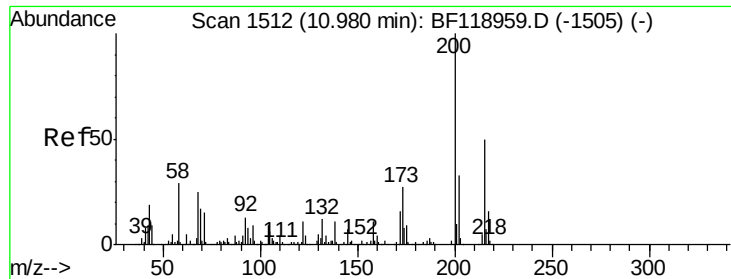
Tot Ion:248 Resp: 295603
Ion Ratio Lower Upper
248 100
250 97.7 76.7 115.1
141 77.2 60.7 91.1



#68
Hexachlorobenzene
Concen: 37.280 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:284 Resp: 337020
Ion Ratio Lower Upper
284 100
142 32.4 23.7 35.5
249 30.9 25.0 37.6

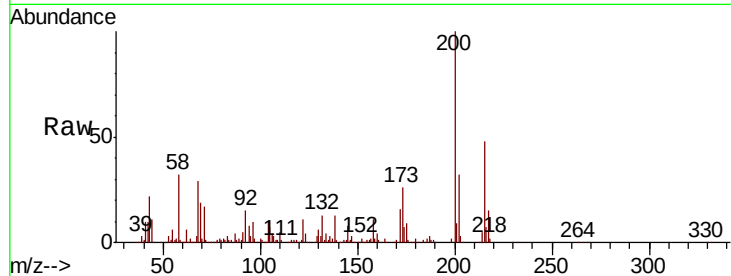




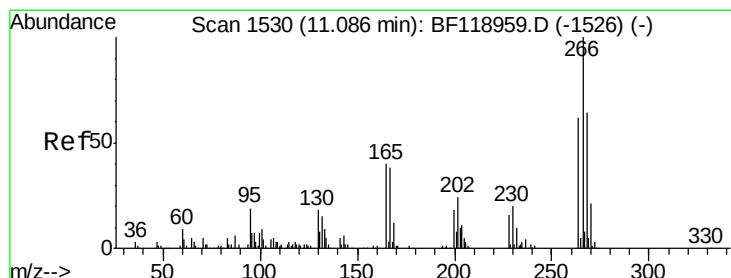
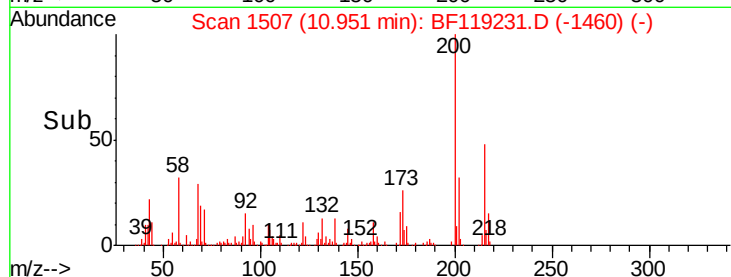
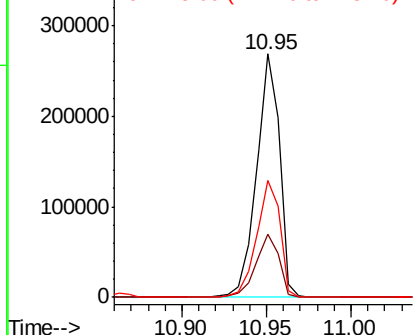
#69
Atrazine
Concen: 37.367 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.4	46.4
215	48.1	27.4	67.4

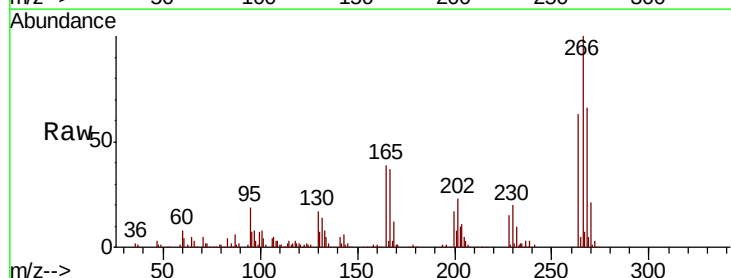


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

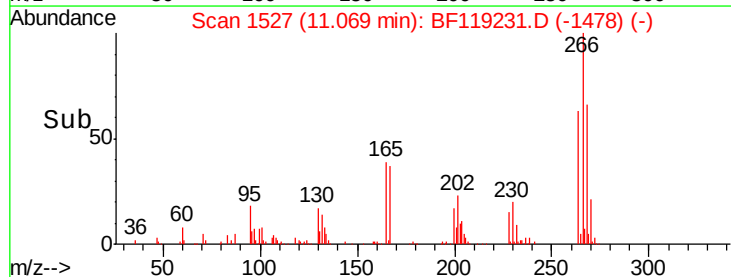
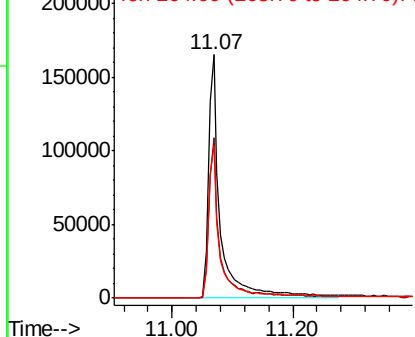


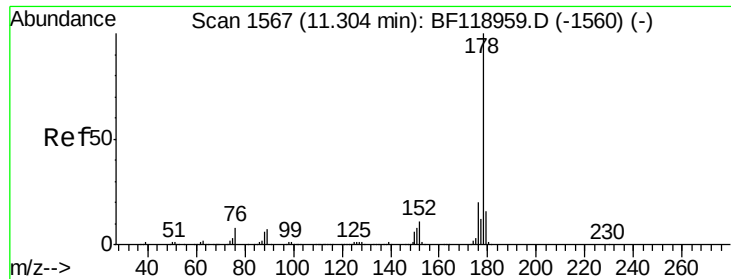
#70
Pentachlorophenol
Concen: 63.622 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.9	77.9
264	62.9	51.0	76.4



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: 38.984 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

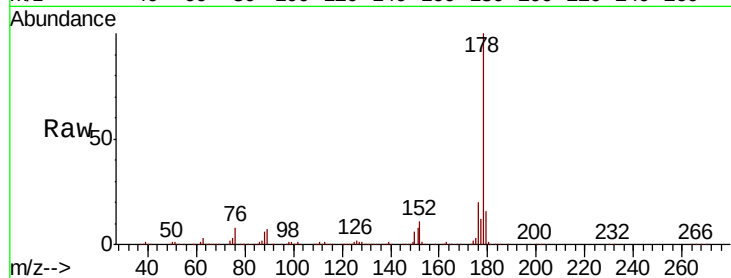
Tot Ion:178 Resp: 1275313

Ion Ratio Lower Upper

178 100

176 19.6 16.5 24.7

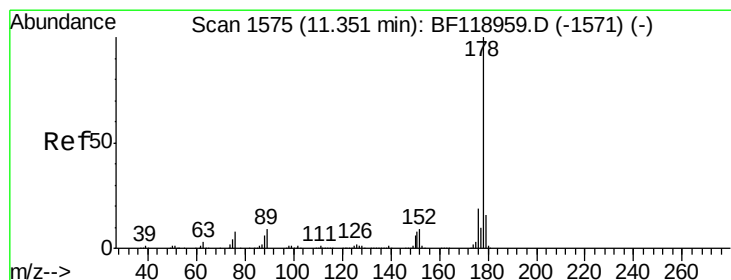
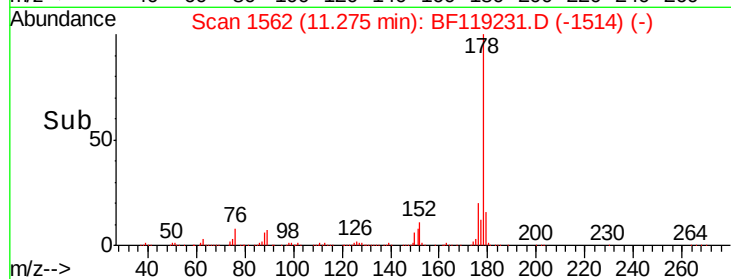
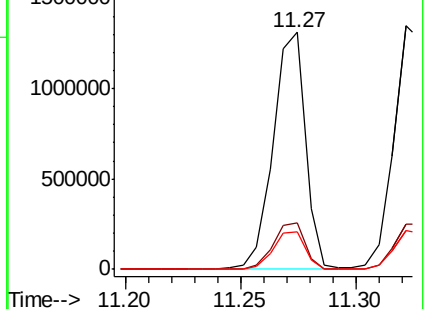
179 15.6 13.0 19.6



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: 40.414 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

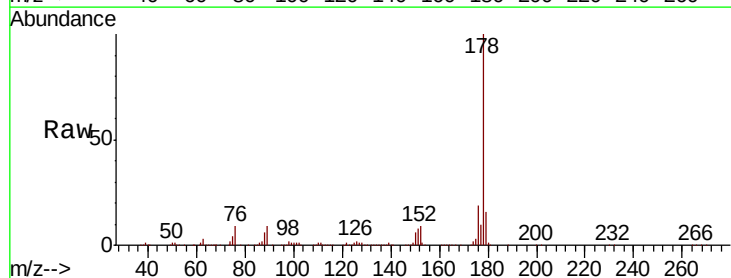
Tgt Ion:178 Resp: 1320998

Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

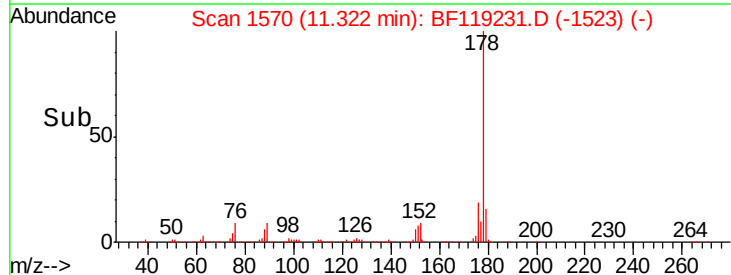
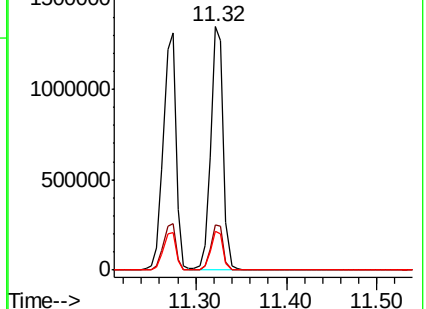
179 16.0 13.1 19.7

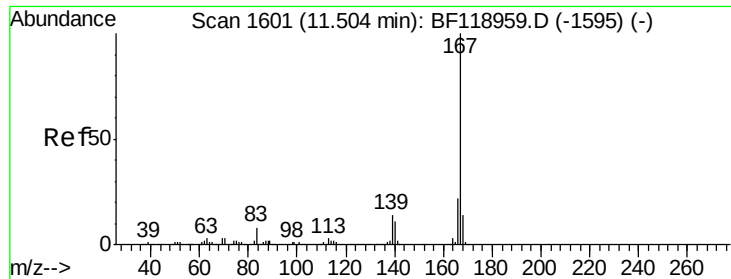


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



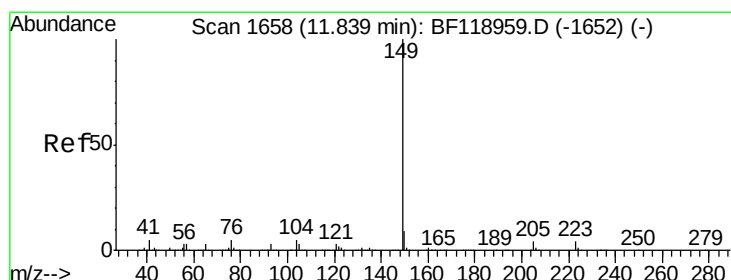
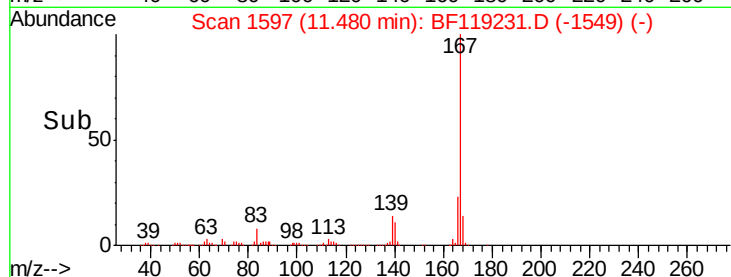
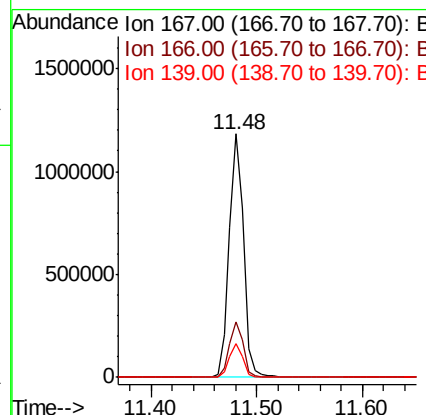
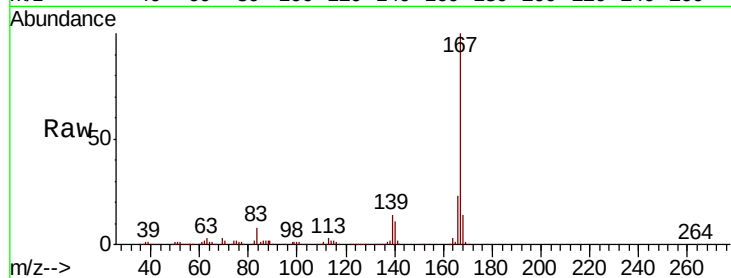


#73
 Carbazole
 Concen: 38.583 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1123529

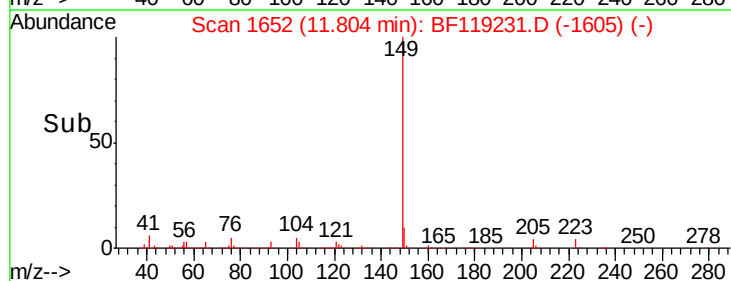
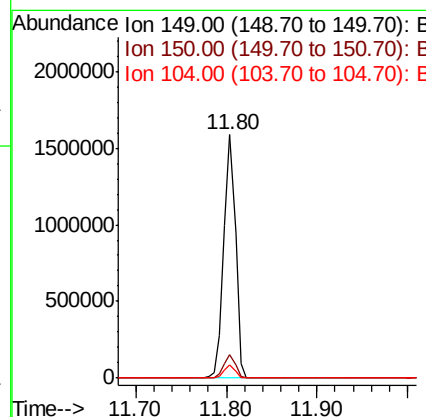
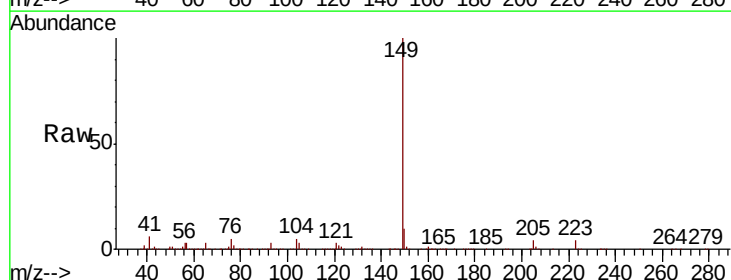
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.9	11.7	17.5

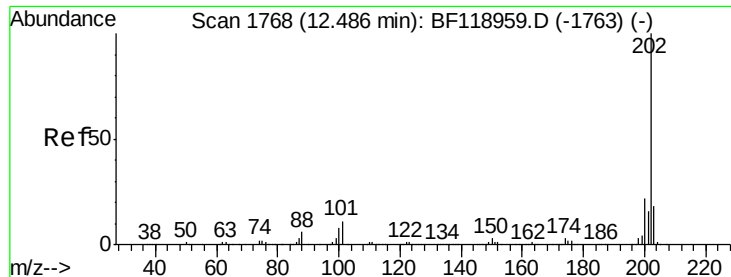


#74
 Di-n-butylphthalate
 Concen: 39.675 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion:149 Resp: 1399117

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.4	4.6	6.8





#75

Fluoranthene

Concen: 38.052 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

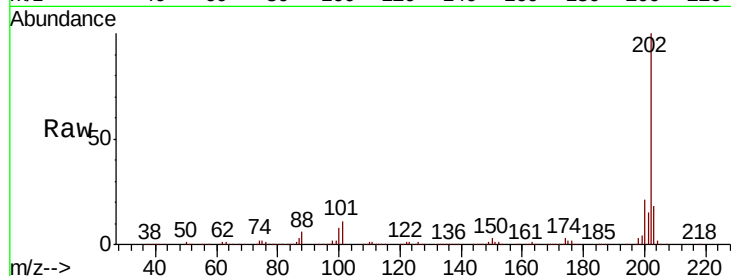
Tot Ion:202 Resp: 1321348

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

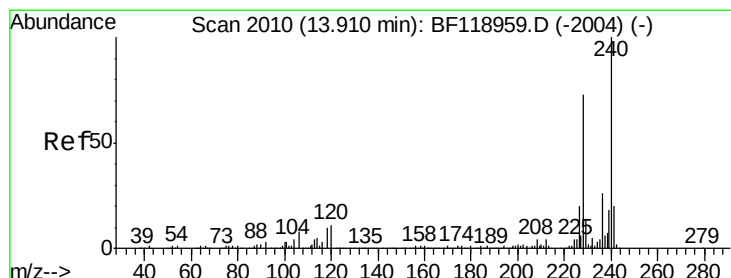
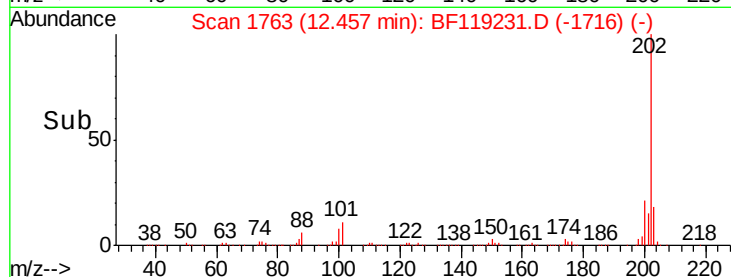
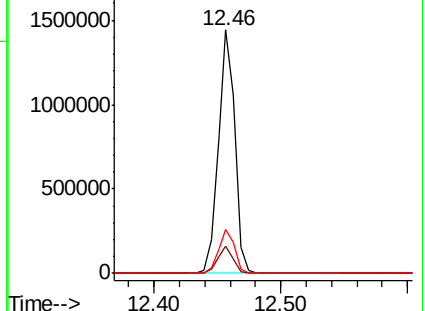
203 18.1 0.0 38.4



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: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

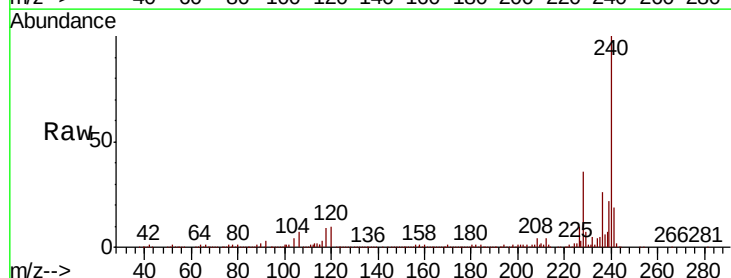
Tgt Ion:240 Resp: 371028

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

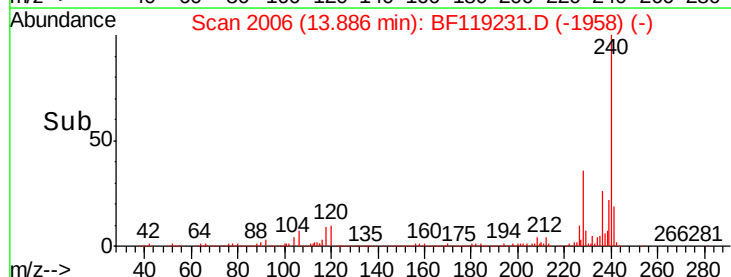
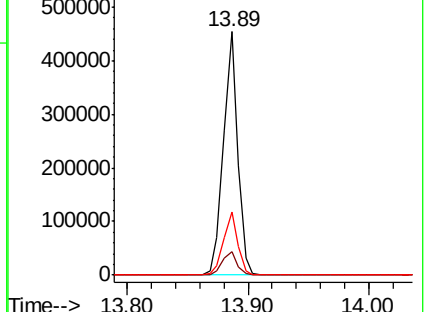
236 26.1 21.0 31.4

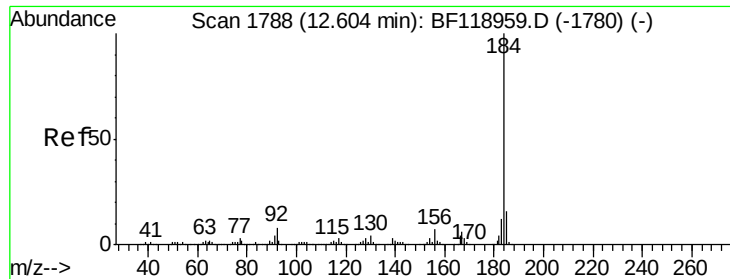


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.057 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

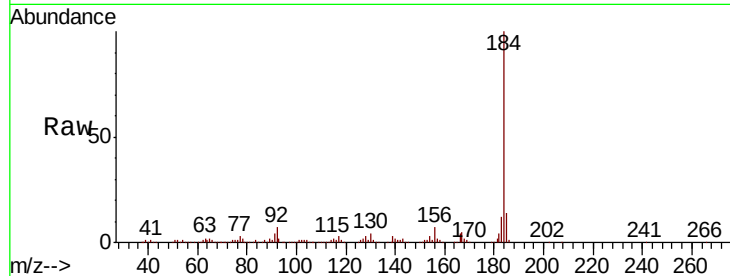
Tot Ion:184 Resp: 483726

Ion Ratio Lower Upper

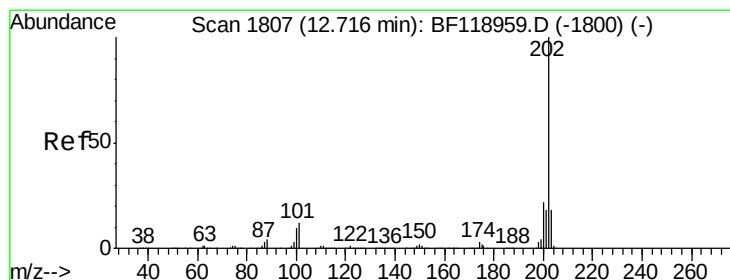
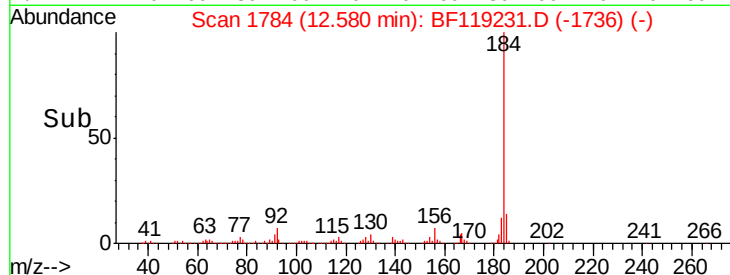
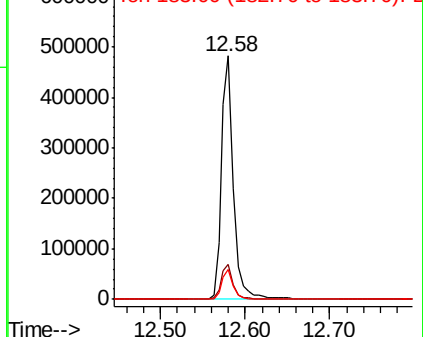
184 100

185 14.1 12.2 18.4

183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.231 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

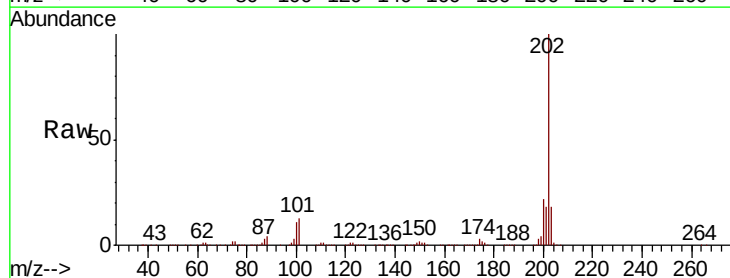
Tgt Ion:202 Resp: 1317783

Ion Ratio Lower Upper

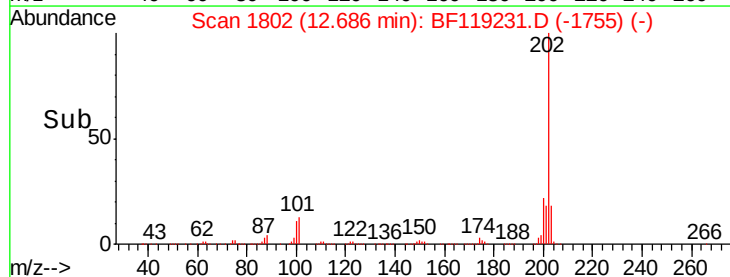
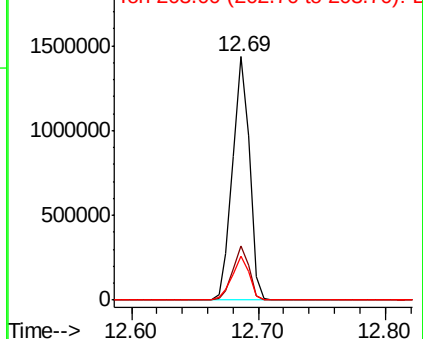
202 100

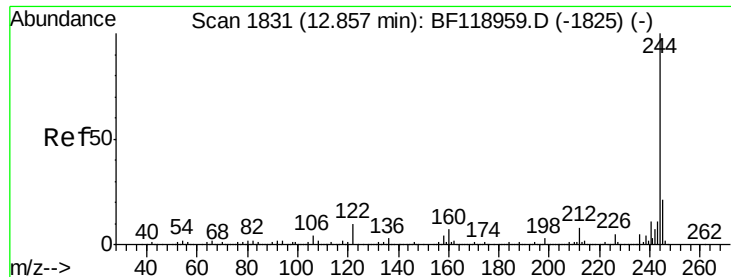
200 22.1 18.0 27.0

203 18.1 14.6 22.0



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



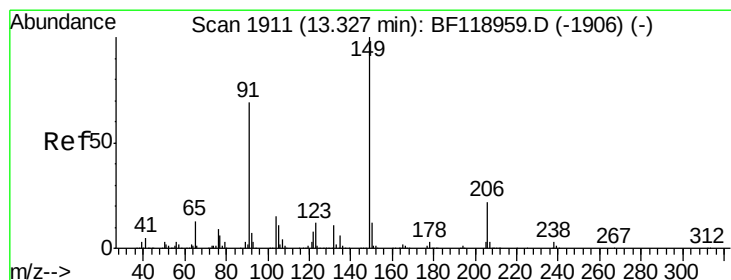
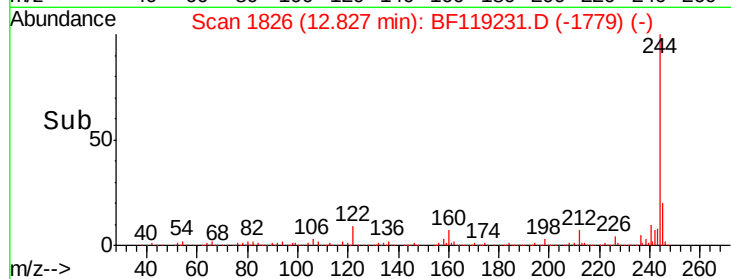
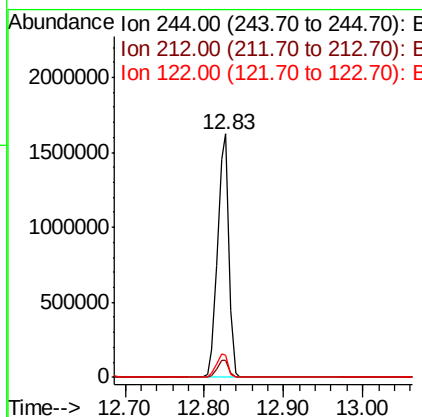
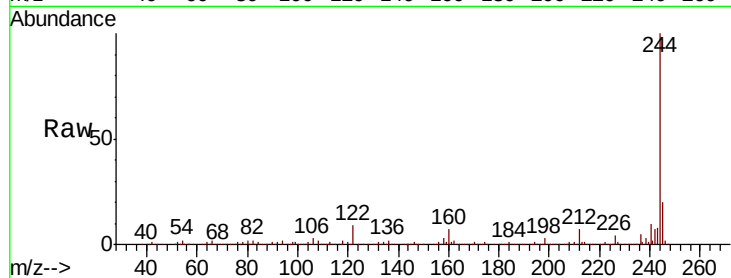


#79
 Terphenyl-d14
 Concen: 74.196 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1598960

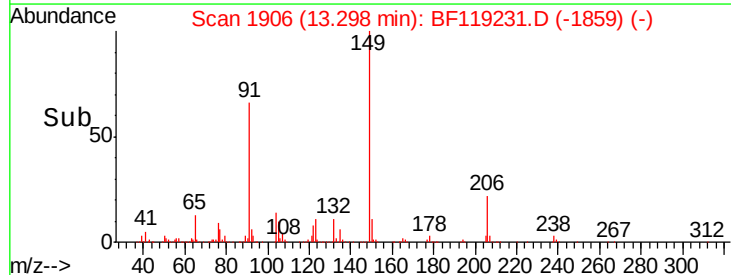
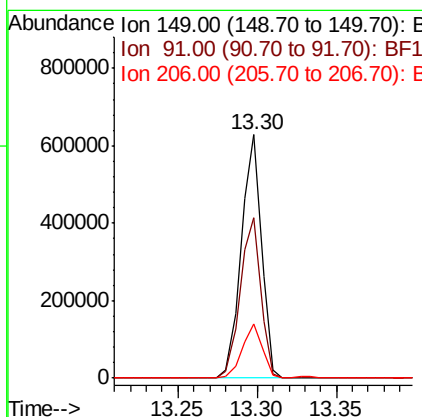
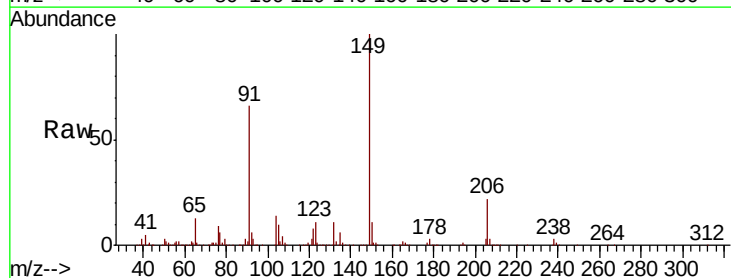
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	9.2	8.2	12.2

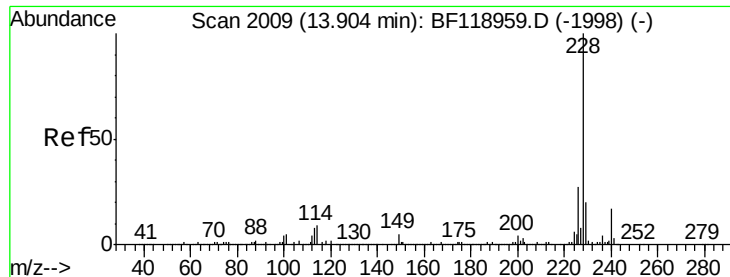


#80
 Butylbenzylphthalate
 Concen: 44.264 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion:149 Resp: 555032

Ion	Ratio	Lower	Upper
149	100		
91	65.7	52.3	78.5
206	22.4	18.5	27.7





#81

Benzo(a)anthracene

Concen: 40.319 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampled :

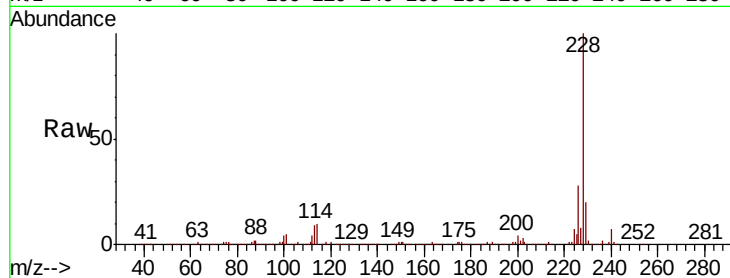
Tot Ion:228 Resp: 1019282

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

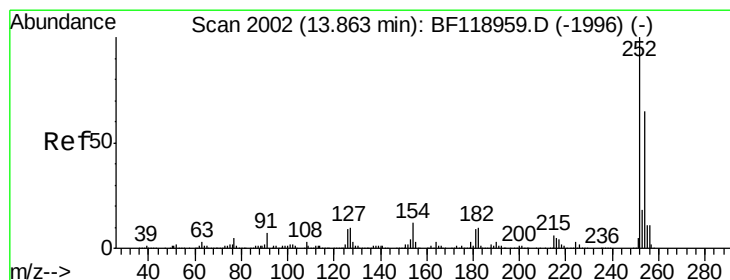
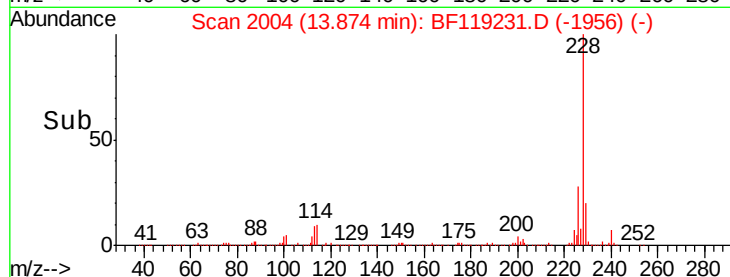
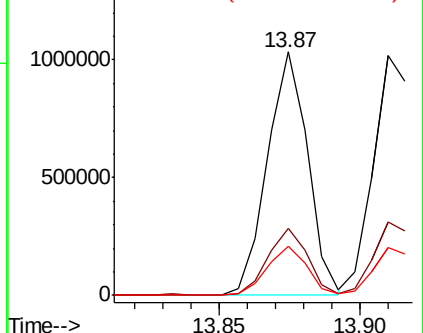
229 20.3 16.6 24.8



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: 23.997 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

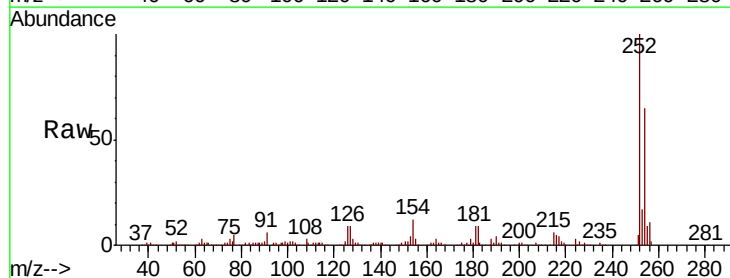
Tgt Ion:252 Resp: 235568

Ion Ratio Lower Upper

252 100

254 64.9 51.6 77.4

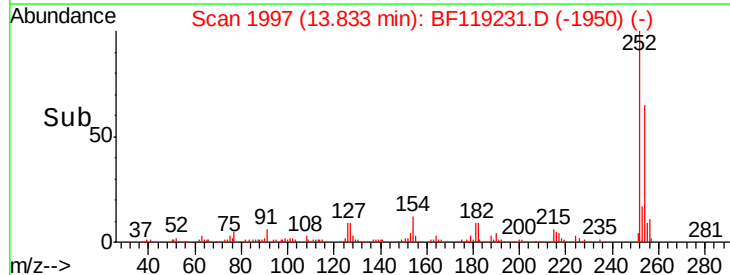
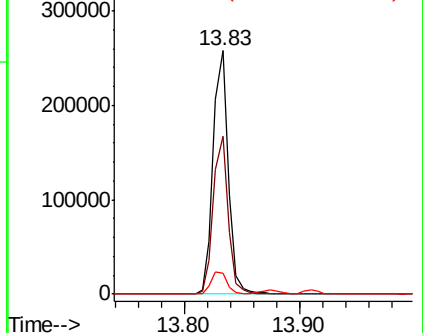
126 8.8 7.4 11.0

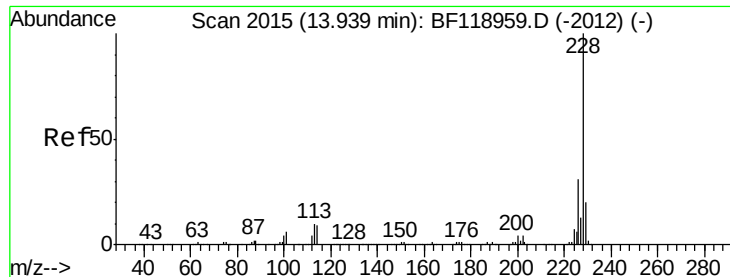


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

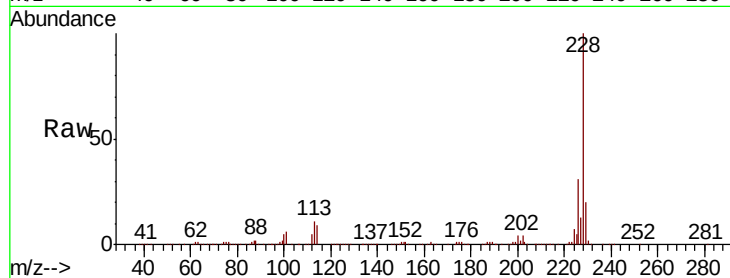




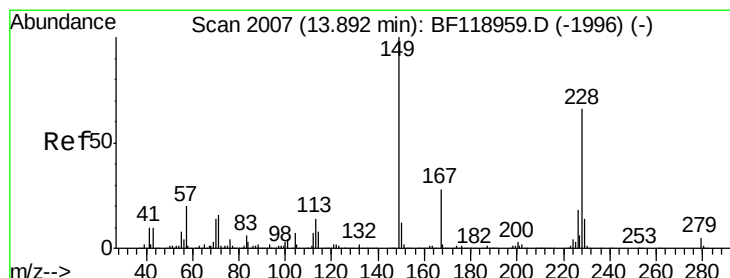
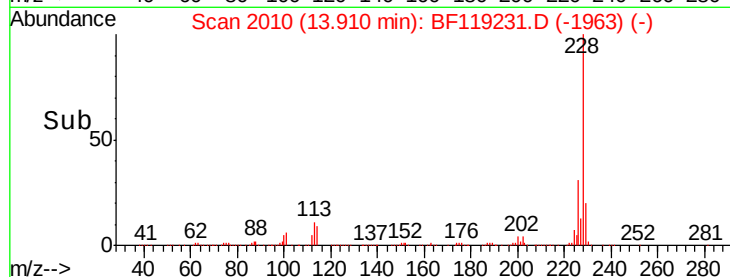
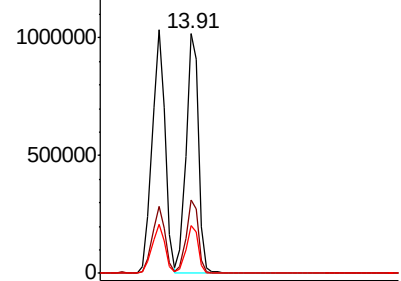
#83
 Chrysene
 Concen: 38.736 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 975764
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.1 37.7
 229 20.1 16.3 24.5

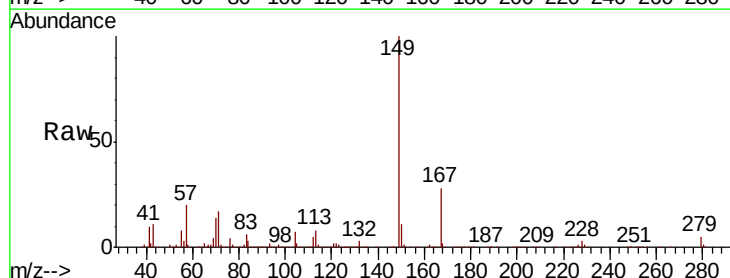


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

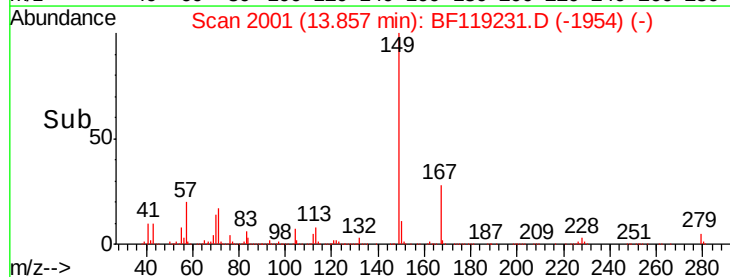
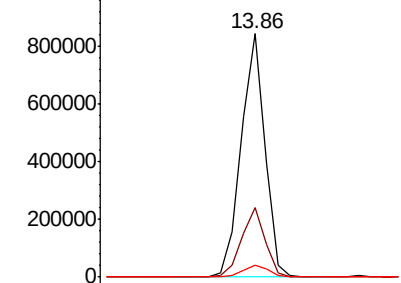


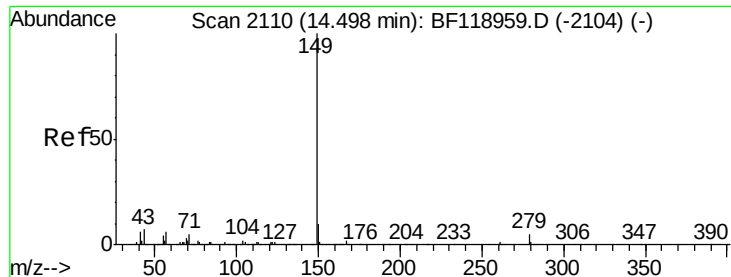
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.106 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119231.D
 Acq: 6 Mar 2020 00:29

Tgt Ion:149 Resp: 714543
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.8 34.2
 279 5.1 4.6 6.8



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

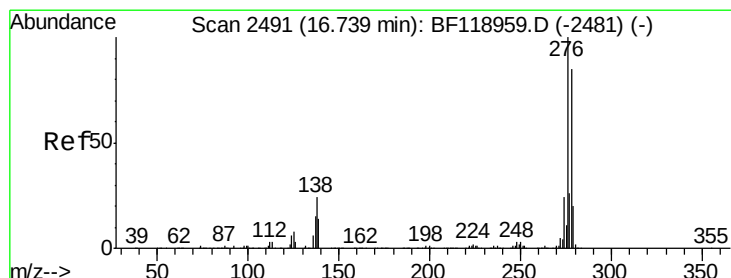
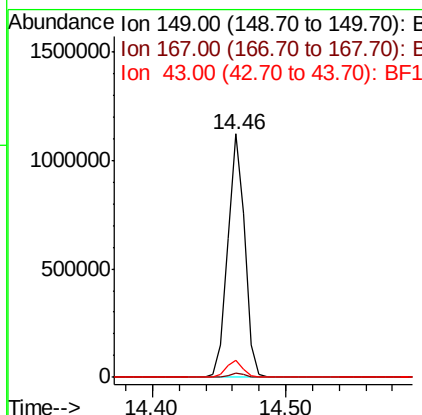
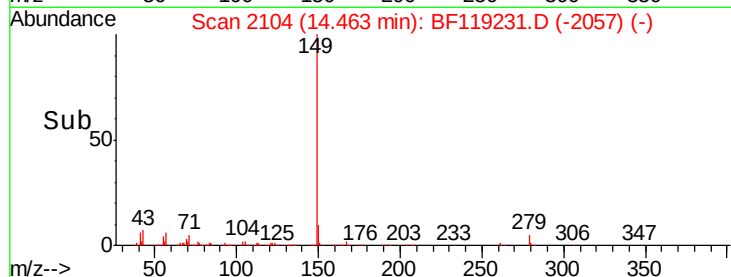
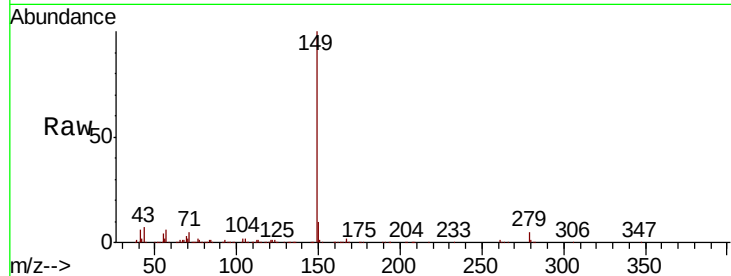




#85
Di-n-octyl phthalate
Concen: 39.913 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

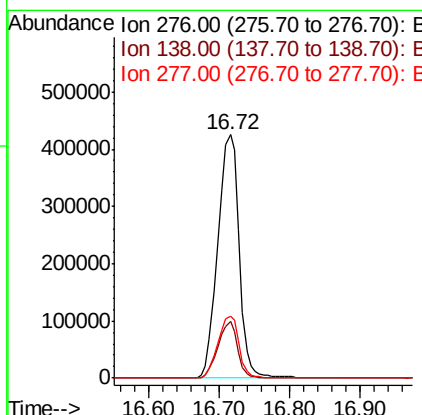
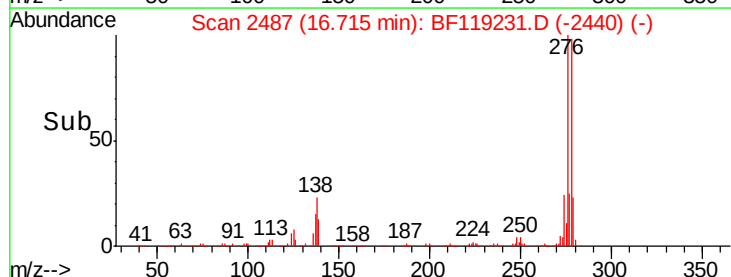
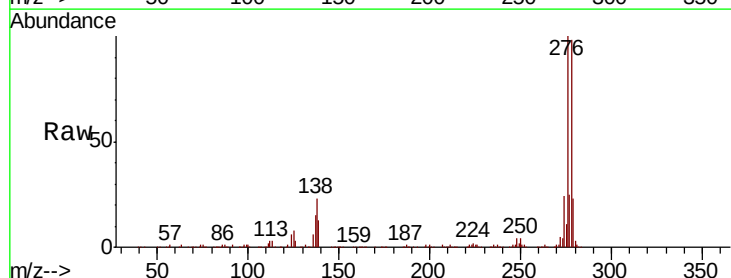
Instrument :
BNA_F
ClientSampled :

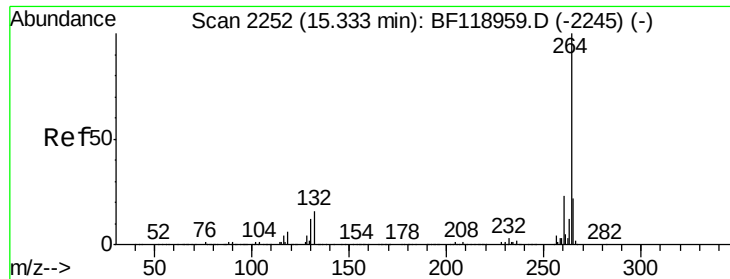
Tot Ion:149 Resp: 1007394
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.6 5.7 8.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.712 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:276 Resp: 895441
Ion Ratio Lower Upper
276 100
138 21.6 17.4 26.0
277 25.5 20.3 30.5

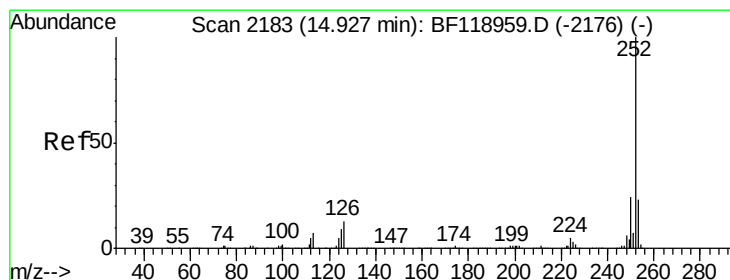
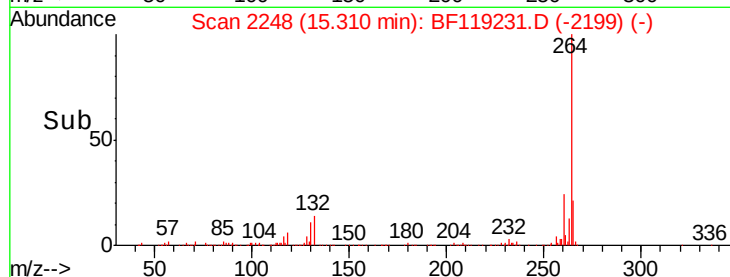
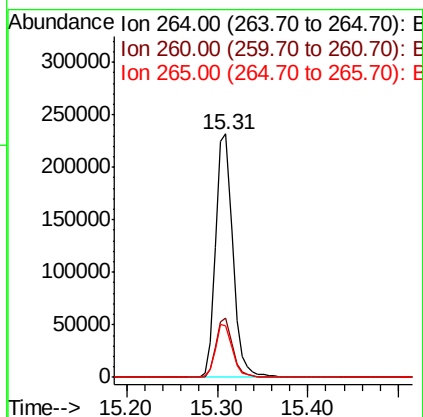
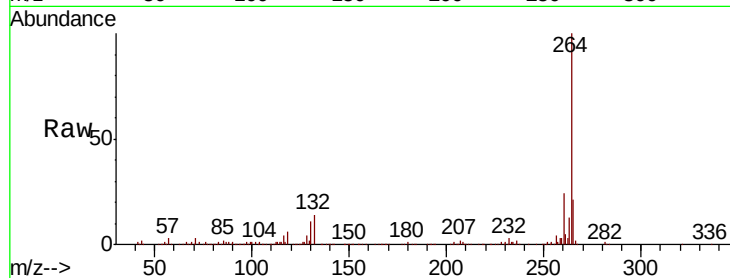




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

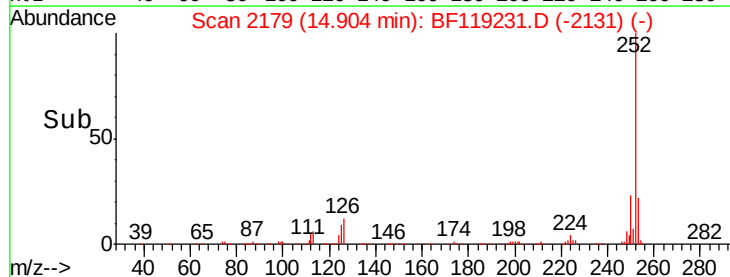
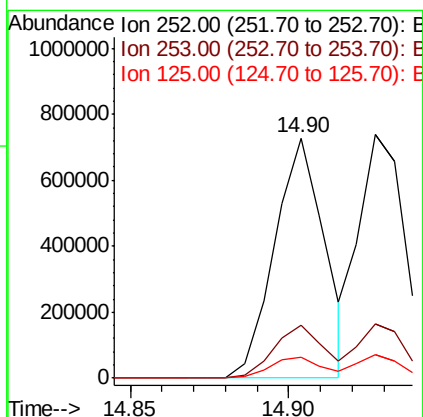
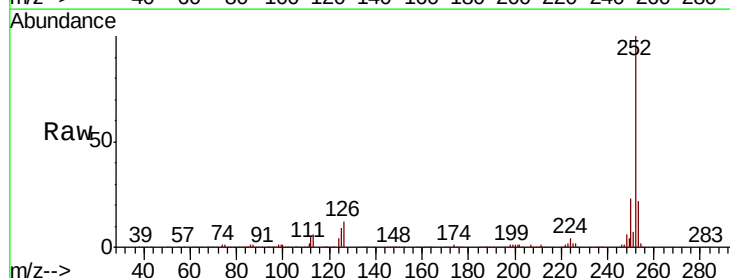
Instrument :
BNA_F
ClientSampleId :

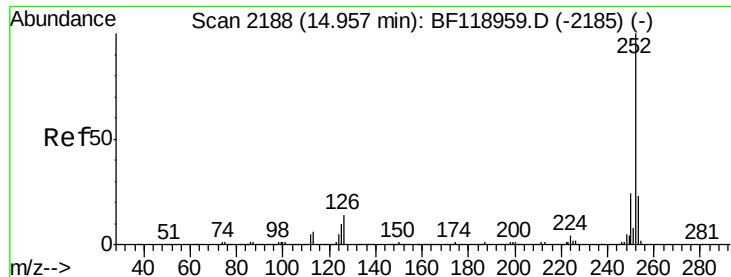
Tot Ion:264 Resp: 304071
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.3 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 39.807 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:252 Resp: 797832
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 8.7 7.4 11.0

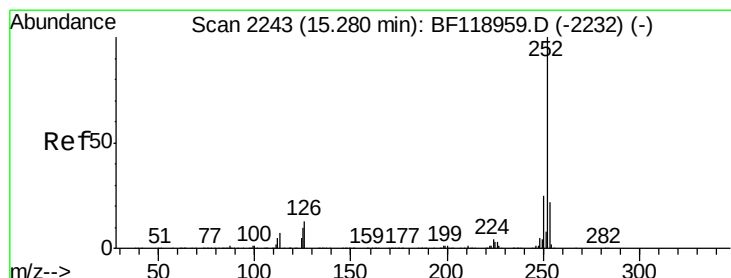
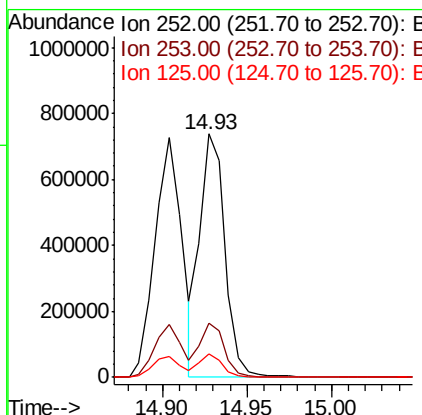
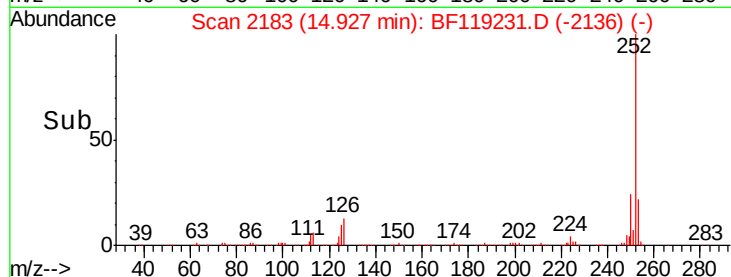
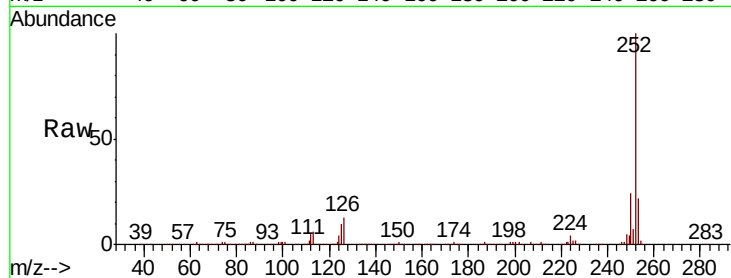




#89
Benzo(k)fluoranthene
Concen: 40.719 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

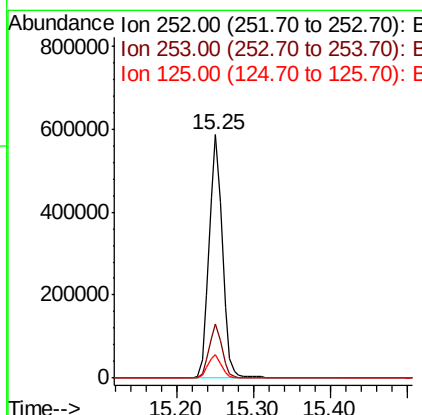
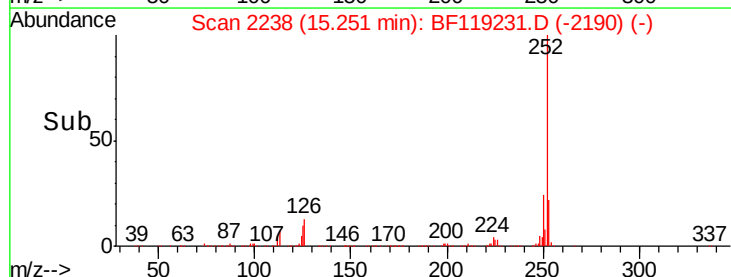
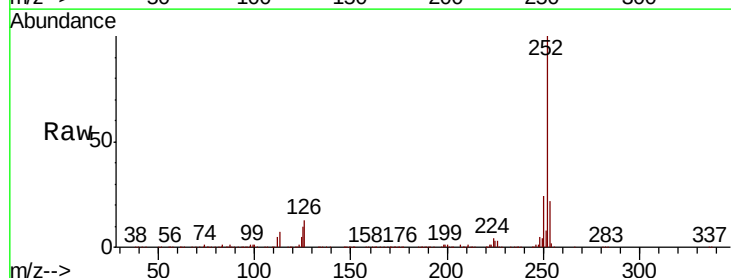
Instrument :
BNA_F
ClientSampleId :

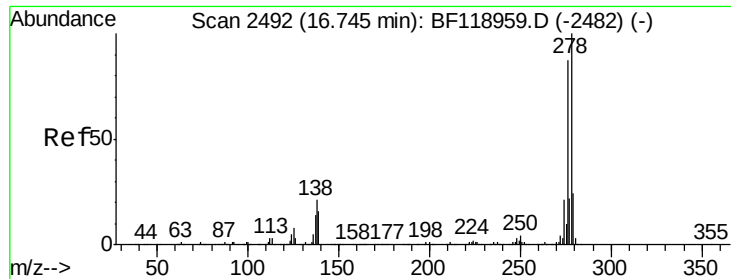
Tot Ion:252 Resp: 756316
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.6 7.5 11.3



#90
Benzo(a)pyrene
Concen: 38.155 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119231.D
Acq: 6 Mar 2020 00:29

Tgt Ion:252 Resp: 690194
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 46.960 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

Instrument :

BNA_F

ClientSampleId :

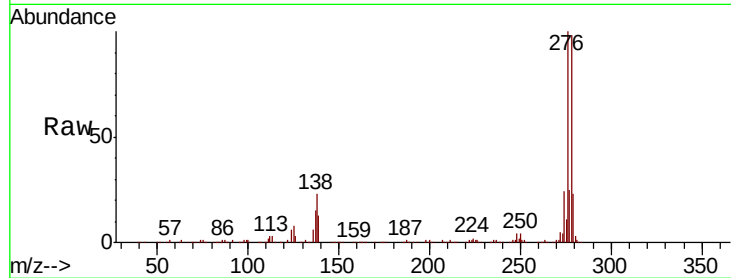
Tot Ion:278 Resp: 747434

Ion Ratio Lower Upper

278 100

139 13.5 11.0 16.4

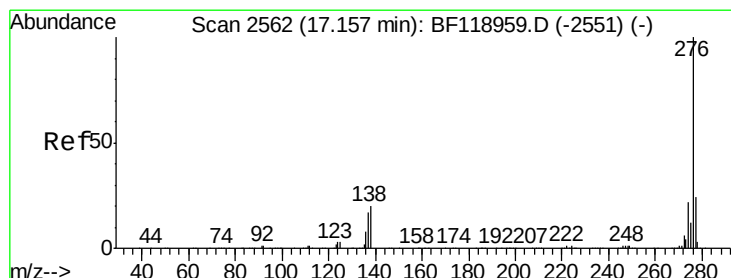
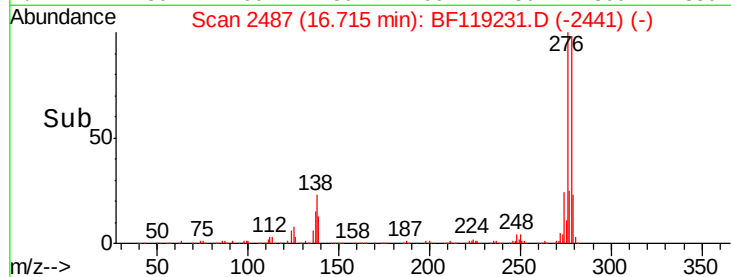
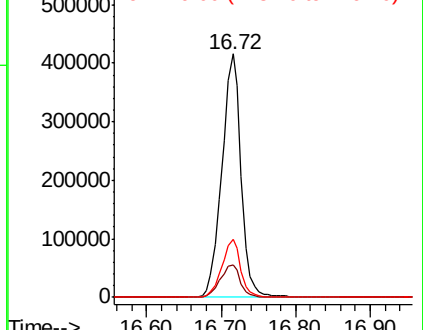
279 24.0 18.6 28.0



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: 48.718 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.02 min

Lab File: BF119231.D

Acq: 6 Mar 2020 00:29

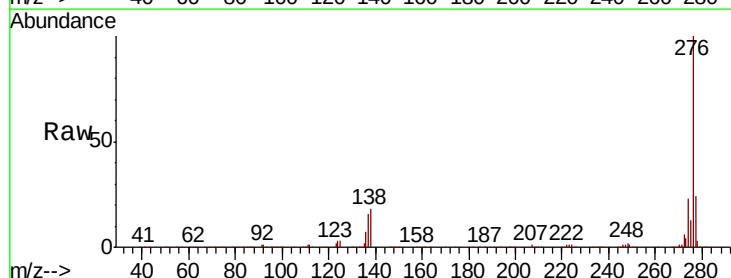
Tgt Ion:276 Resp: 766146

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 18.4 14.3 21.5



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

