

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119257.D
 Acq On : 6 Mar 2020 18:43
 Operator : CG/JU
 Sample : L1783-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:49:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	96077	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	376557	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	205711	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	395540	20.00	ng	0.00
76) Chrysene-d12	13.89	240	301006	20.00	ng	0.00
87) Perylene-d12	15.31	264	287863	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	658612	114.56	ng	0.00
7) Phenol-d6	6.38	99	773527	110.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	520069	72.92	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	285348	106.04	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1030942	73.83	ng	0.00
79) Terphenyl-d14	12.82	244	1374392	78.61	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.42	88	99288	38.789	ng	98
3) Pyridine	3.15	79	241116	34.492	ng	97
4) n-Nitrosodimethylamine	3.09	42	103887	49.058	ng	95
6) Aniline	6.39	93	310169	35.951	ng	98
8) 2-Chlorophenol	6.52	128	323162	52.087	ng	97
9) Benzaldehyde	6.27	77	235829	50.484	ng	97
10) Phenol	6.40	94	379345	50.181	ng	88
11) bis(2-Chloroethyl)ether	6.46	93	286094	49.462	ng	97
12) 1,3-Dichlorobenzene	6.66	146	348402	46.852	ng	96
13) 1,4-Dichlorobenzene	6.74	146	357586	48.054	ng	99
14) 1,2-Dichlorobenzene	6.89	146	328393	48.389	ng	99
15) Benzyl Alcohol	6.88	79	266084	52.655	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	230432	45.990	ng	# 5
17) 2-Methylphenol	7.00	107	252696	50.236	ng	94
18) Hexachloroethane	7.23	117	126951	47.685	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	216082	53.037	ng	96
20) 3+4-Methylphenols	7.15	107	339743	55.129	ng	89
22) Acetophenone	7.14	105	428701	49.205	ng	# 95
24) Nitrobenzene	7.31	77	331186	46.959	ng	97
25) Isophorone	7.55	82	587609	47.442	ng	99
26) 2-Nitrophenol	7.63	139	175752	47.033	ng	97
27) 2,4-Dimethylphenol	7.67	122	268949	53.031	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	357629	44.361	ng	99
29) 2,4-Dichlorophenol	7.88	162	278806	46.698	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	302044	42.669	ng	99
31) Naphthalene	8.03	128	903821	46.281	ng	98
32) Benzoic acid	7.83	122	137674	38.706	ng	98
33) 4-Chloroaniline	8.09	127	162146	19.304	ng	97
34) Hexachlorobutadiene	8.15	225	186883	42.384	ng	98
35) Caprolactam	8.46	113	51717	28.132	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	294355	48.716	ng	98
37) 2-Methylnaphthalene	8.72	142	629029	47.863	ng	98
38) 1-Methylnaphthalene	8.82	142	588433	47.609	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	311741	44.947	ng	99

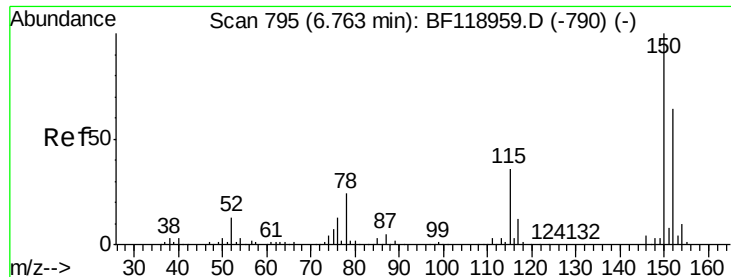
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119257.D
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 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	116247	50.033	ng	98
43) 2,4,6-Trichlorophenol	9.01	196	193830	44.255	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	205094	44.624	ng	97
46) 1,1'-Biphenyl	9.18	154	759298	45.670	ng	98
47) 2-Chloronaphthalene	9.21	162	607994	45.380	ng	98
48) 2-Nitroaniline	9.31	65	177679	47.547	ng	95
49) Acenaphthylene	9.62	152	935932	48.368	ng	98
50) Dimethylphthalate	9.49	163	827052	52.577	ng	100
51) 2,6-Dinitrotoluene	9.55	165	166231	47.565	ng	# 80
52) Acenaphthene	9.79	154	552546	47.356	ng	99
53) 3-Nitroaniline	9.73	138	90322	23.312	ng	98
54) 2,4-Dinitrophenol	9.85	184	107874	65.050	ng	95
55) Dibenzofuran	9.97	168	824831	47.362	ng	97
56) 4-Nitrophenol	9.92	139	155491	66.796	ng	91
57) 2,4-Dinitrotoluene	9.96	165	214064	47.255	ng	# 87
58) Fluorene	10.31	166	675477	49.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	170113	43.865	ng	99
60) Diethylphthalate	10.19	149	723614	48.814	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	348054	48.589	ng	95
62) 4-Nitroaniline	10.35	138	154821	39.057	ng	95
63) Azobenzene	10.46	77	649583	50.413	ng	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	110060	45.984	ng	97
66) n-Nitrosodiphenylamine	10.42	169	618317	47.741	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	230654	44.612	ng	94
68) Hexachlorobenzene	10.86	284	263285	44.168	ng	99
69) Atrazine	10.95	200	205263	45.361	ng	97
70) Pentachlorophenol	11.06	266	171927	71.600	ng	99
71) Phenanthrene	11.27	178	1026048	47.566	ng	98
72) Anthracene	11.32	178	1075231	49.888	ng	98
73) Carbazole	11.48	167	937990	48.851	ng	98
74) Di-n-butylphthalate	11.80	149	1143586	49.181	ng	98
75) Fluoranthene	12.46	202	1119735	48.904	ng	99
77) Benzidine	12.58	184	525177	42.901	ng	97
78) Pyrene	12.69	202	1135179	46.966	ng	99
80) Butylbenzylphthalate	13.30	149	490905	48.257	ng	98
81) Benzo(a)anthracene	13.87	228	989943	48.268	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	256973	32.267	ng	100
83) Chrysene	13.91	228	968676	47.400	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	678441	52.790	ng	100
85) Di-n-octyl phthalate	14.46	149	1087231	53.096	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	947461	47.881	ng	100
88) Benzo(b)fluoranthene	14.90	252	875951	46.165	ng	100
89) Benzo(k)fluoranthene	14.93	252	884373	50.294	ng	99
90) Benzo(a)pyrene	15.25	252	783893	45.775	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	793605	52.669	ng	99
92) Benzo(g,h,i)perylene	17.13	276	812228	54.557	ng	99

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

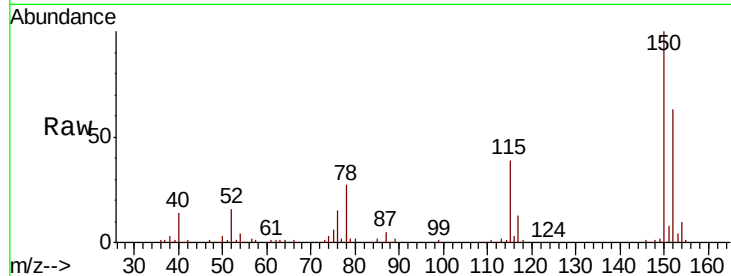


#1

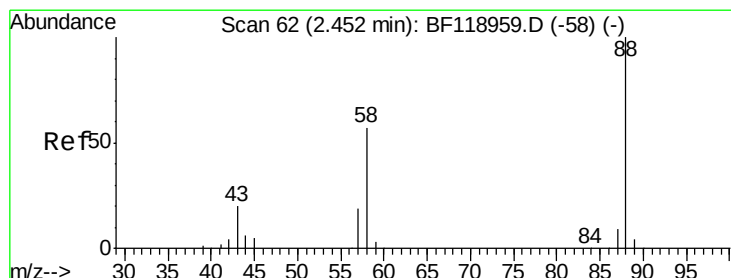
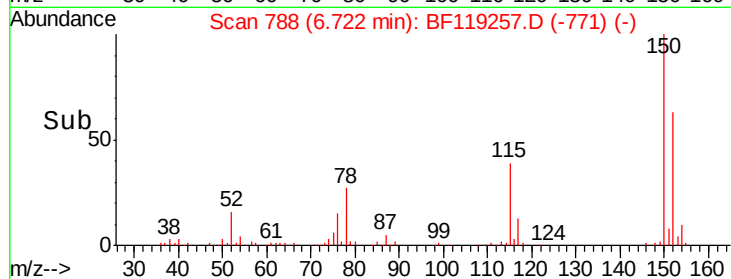
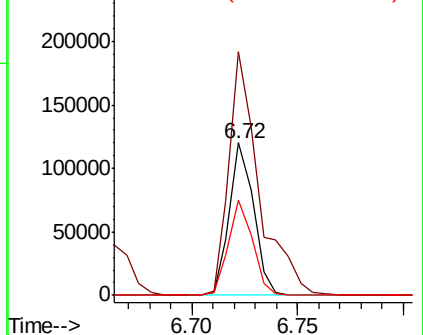
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96077
Ion Ratio Lower Upper
152 100
150 159.5 123.0 184.6
115 62.5 49.5 74.3



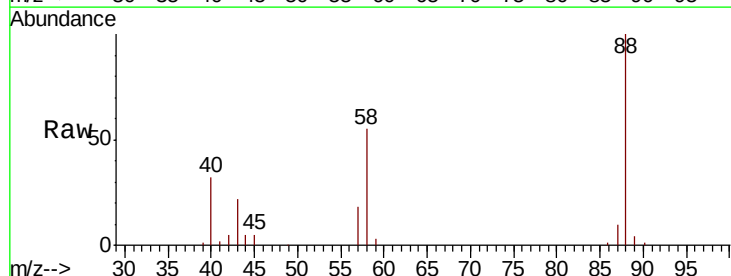
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



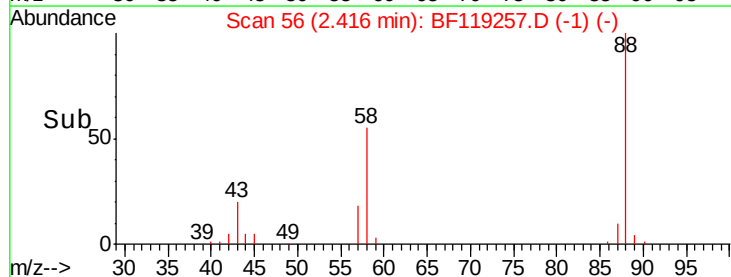
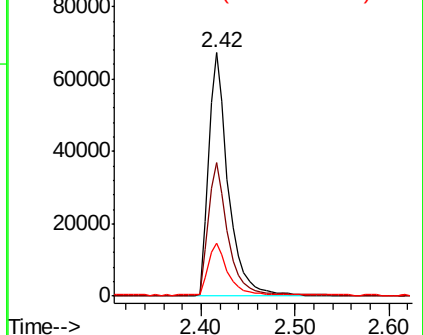
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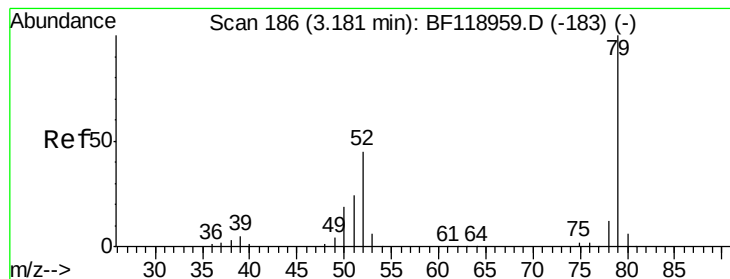
1,4-Dioxane
Concen: 38.789 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.04 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion: 88 Resp: 99288
Ion Ratio Lower Upper
88 100
58 55.1 43.8 65.6
43 23.4 16.2 24.4



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





#3

Pvridine

Concen: 34.492 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.05 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampled :

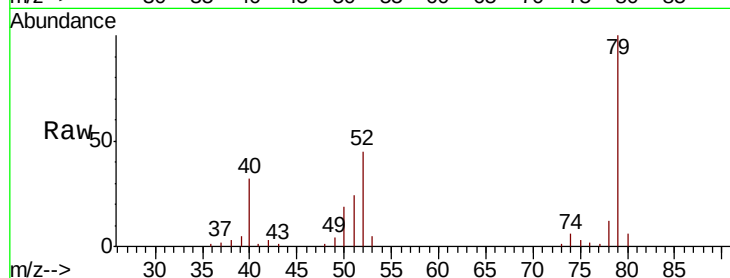
Tot Ion: 79 Resp: 241116

Ion Ratio Lower Upper

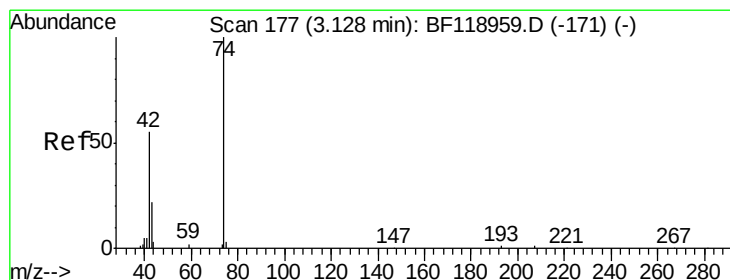
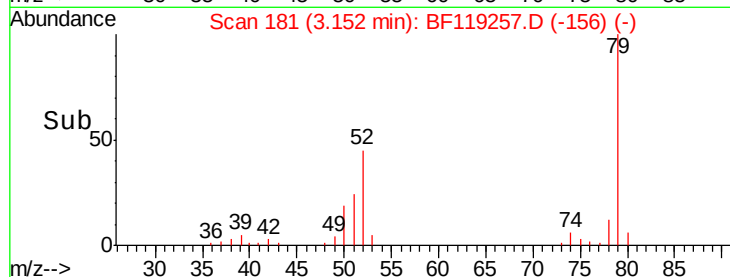
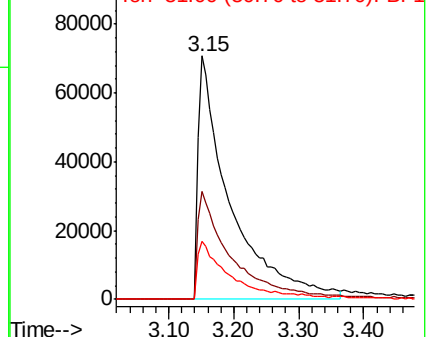
79 100

52 44.6 37.4 56.0

51 24.0 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: 49.058 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.03 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

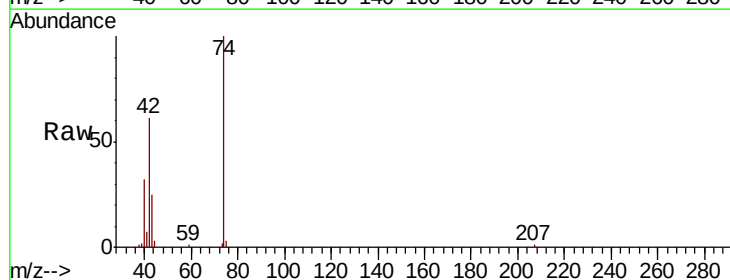
Tgt Ion: 42 Resp: 103887

Ion Ratio Lower Upper

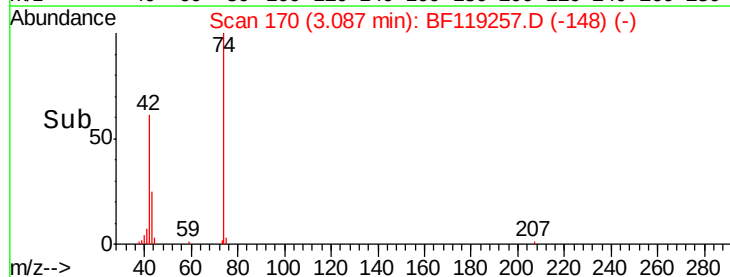
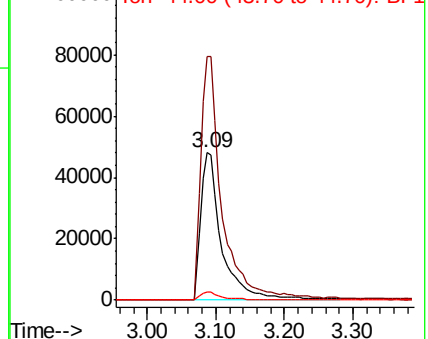
42 100

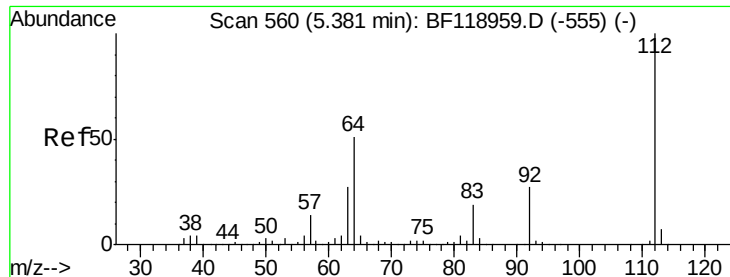
74 165.2 137.7 206.5

44 5.6 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: 114.560 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampled :

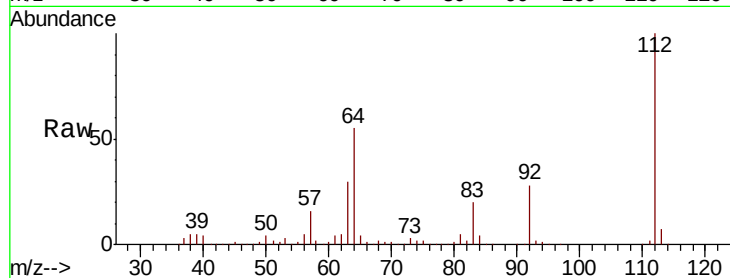
Tot Ion:112 Resp: 658612

Ion Ratio Lower Upper

112 100

64 54.9 45.0 67.4

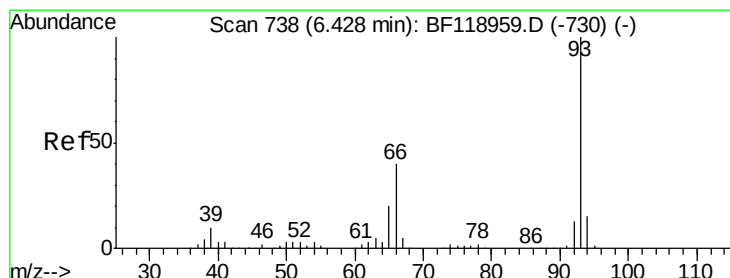
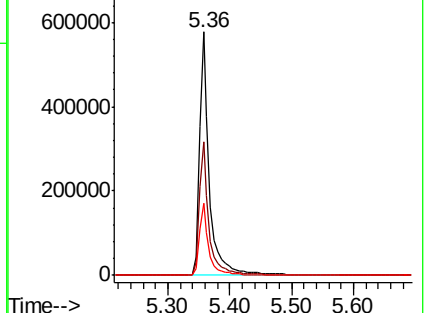
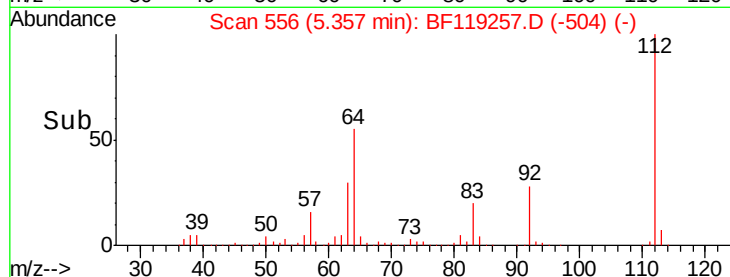
63 29.6 24.2 36.4



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: 35.951 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

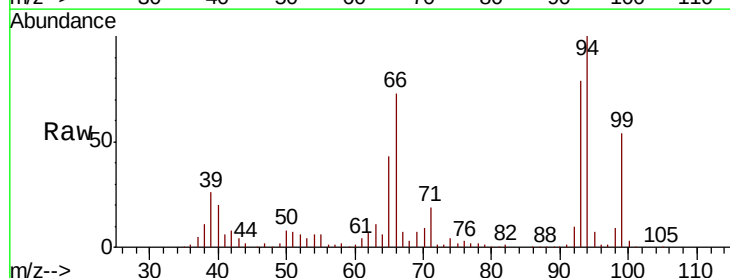
Tgt Ion: 93 Resp: 310169

Ion Ratio Lower Upper

93 100

66 92.3 74.5 111.7

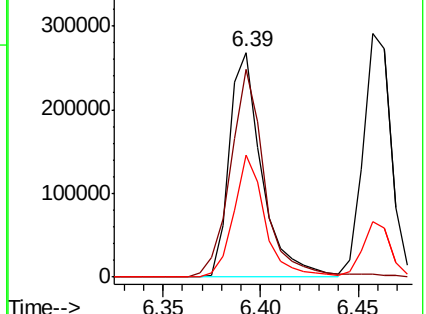
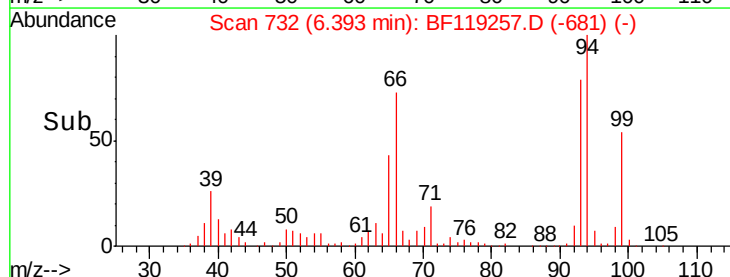
65 54.1 45.3 67.9

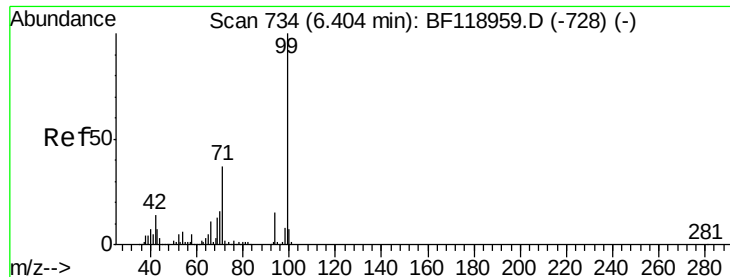


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.632 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

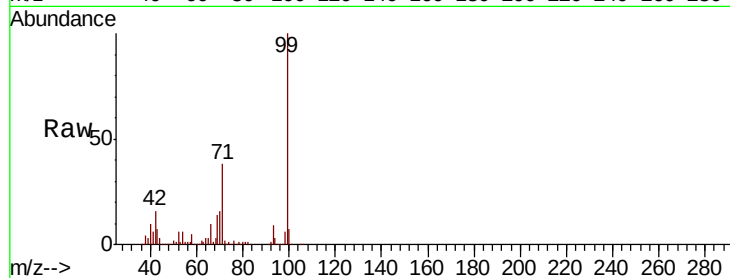
Tot Ion: 99 Resp: 773527

Ion Ratio Lower Upper

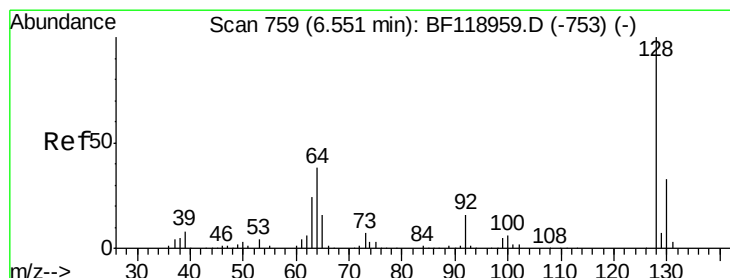
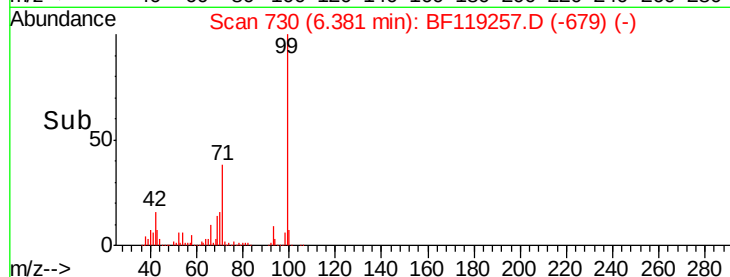
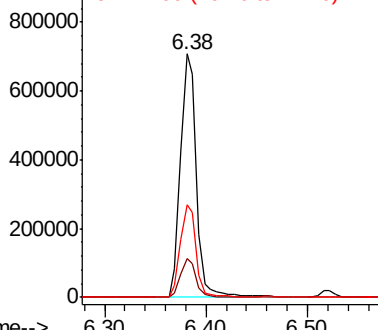
99 100

42 15.8 12.6 18.8

71 38.2 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: 52.087 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

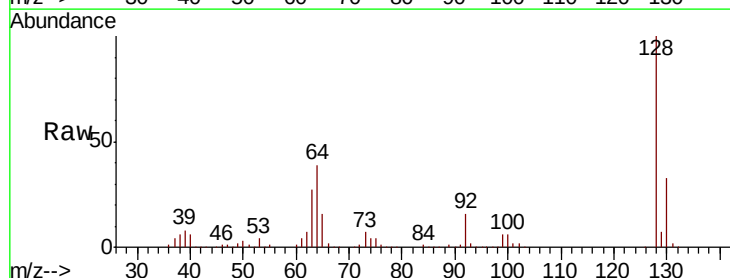
Tgt Ion: 128 Resp: 323162

Ion Ratio Lower Upper

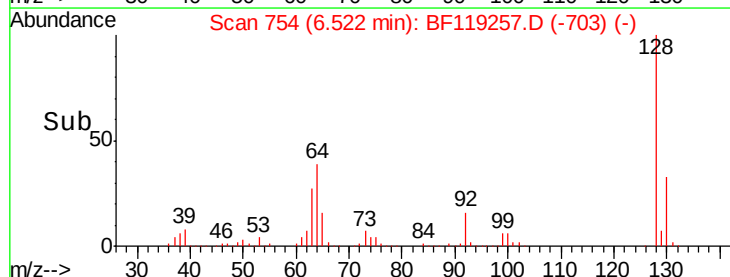
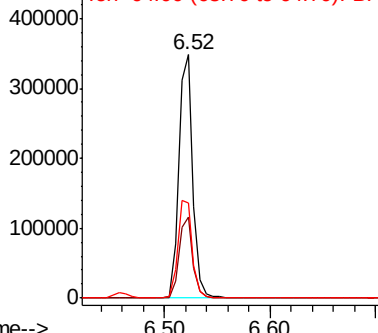
128 100

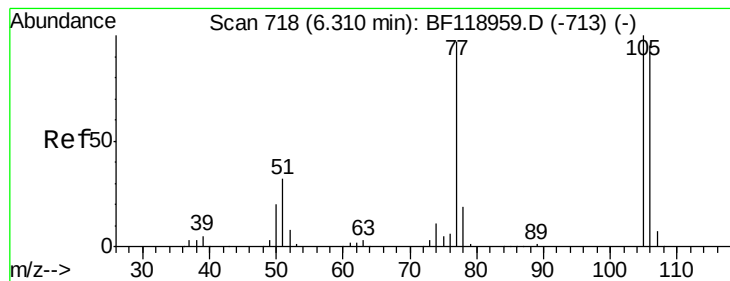
130 33.1 12.7 52.7

64 39.0 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: 50.484 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

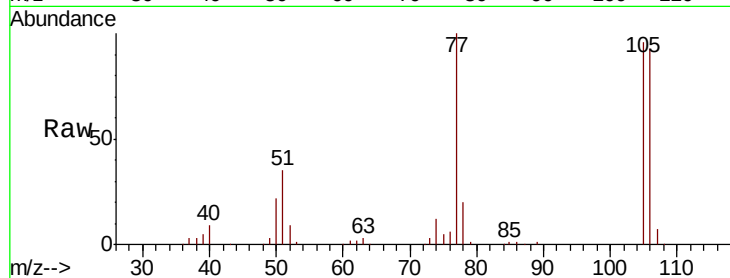
Tot Ion: 77 Resp: 235829

Ion Ratio Lower Upper

77 100

105 96.3 80.1 120.1

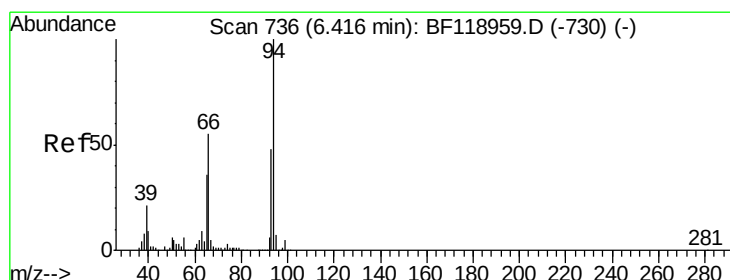
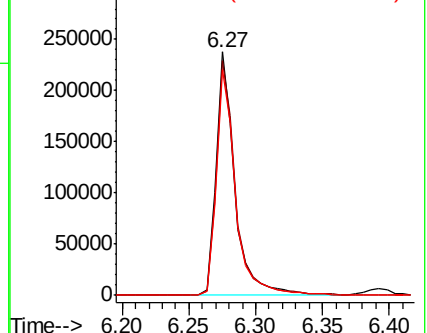
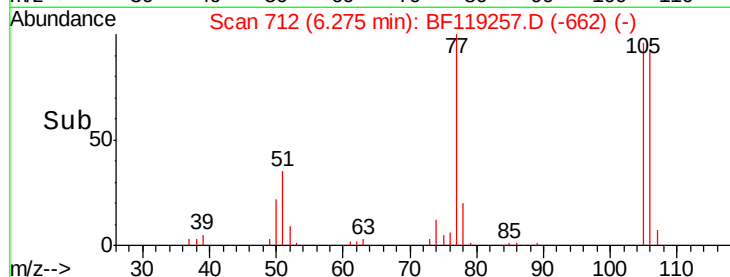
106 93.0 75.9 115.9



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: 50.181 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

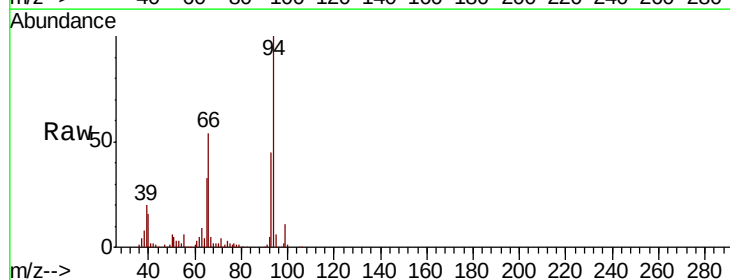
Tgt Ion: 94 Resp: 379345

Ion Ratio Lower Upper

94 100

65 33.4 19.2 59.2

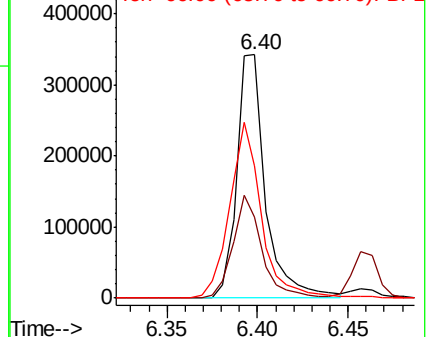
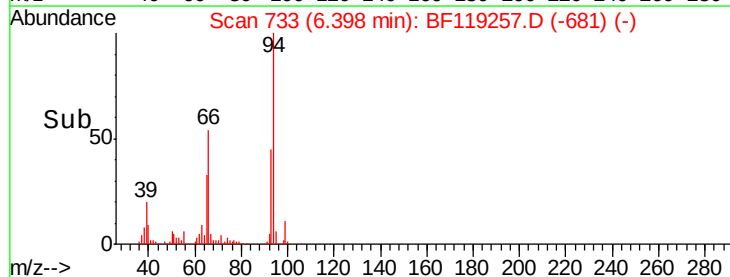
66 54.1 44.4 84.4

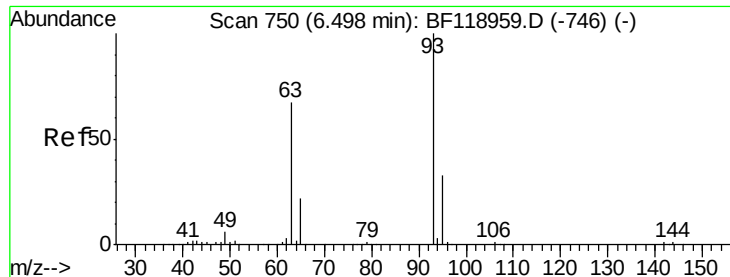


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 49.462 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

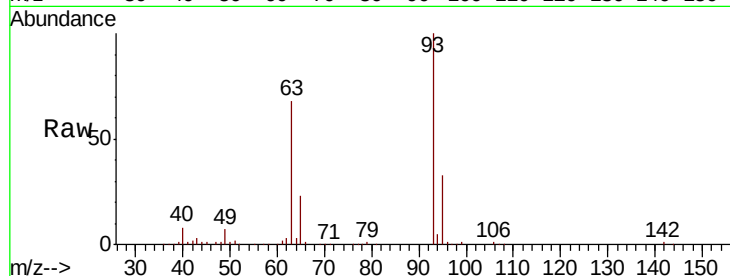
Tot Ion: 93 Resp: 286094

Ion Ratio Lower Upper

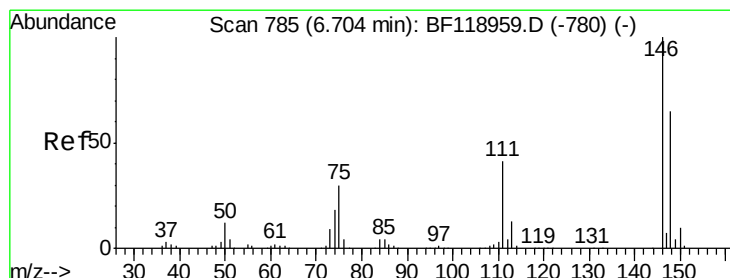
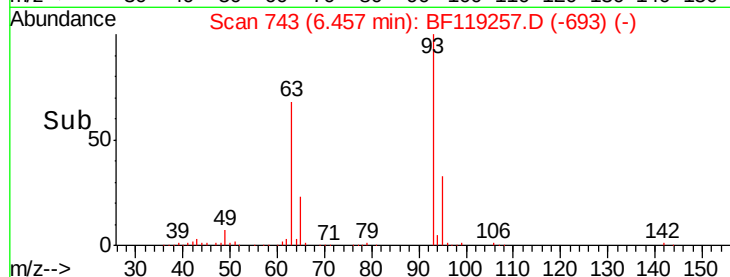
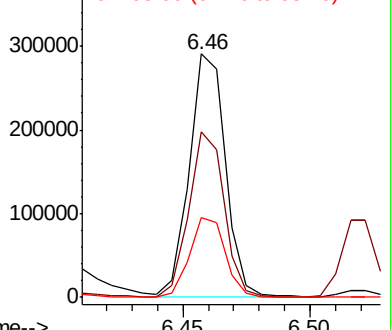
93 100

63 68.0 45.4 85.4

95 32.5 13.5 53.5



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



#12

1,3-Dichlorobenzene

Concen: 46.852 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

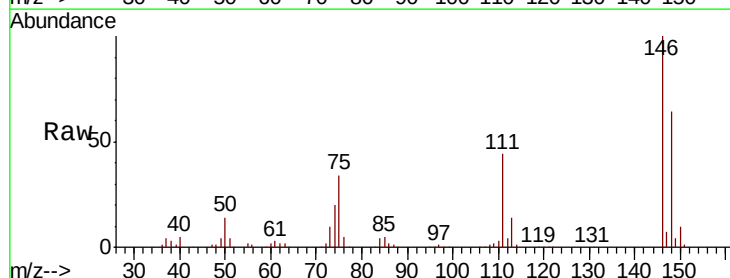
Tgt Ion: 146 Resp: 348402

Ion Ratio Lower Upper

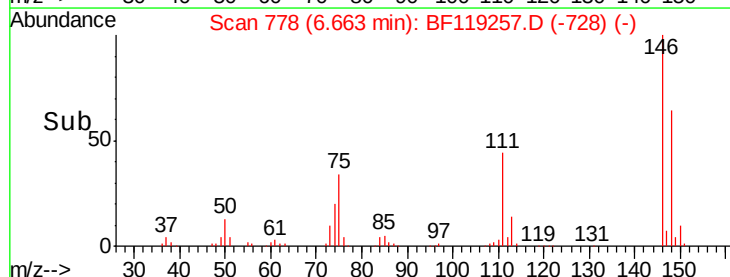
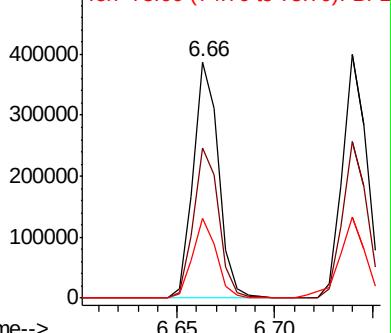
146 100

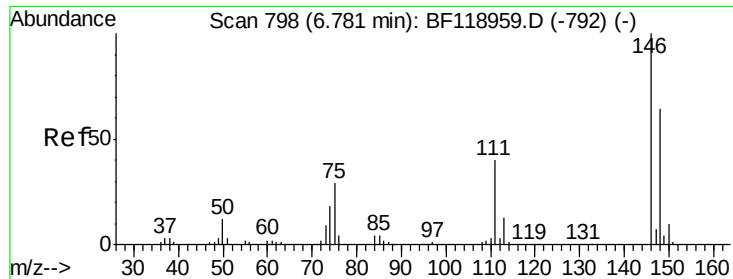
148 63.7 52.5 78.7

75 33.7 23.6 35.4



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

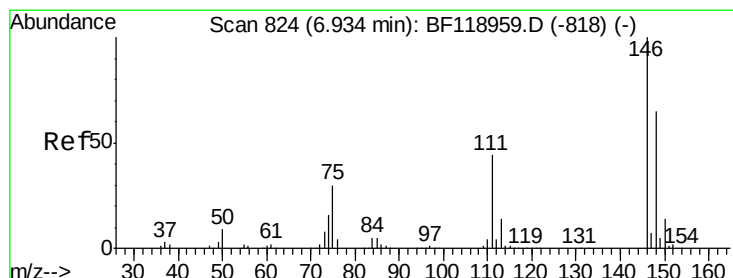
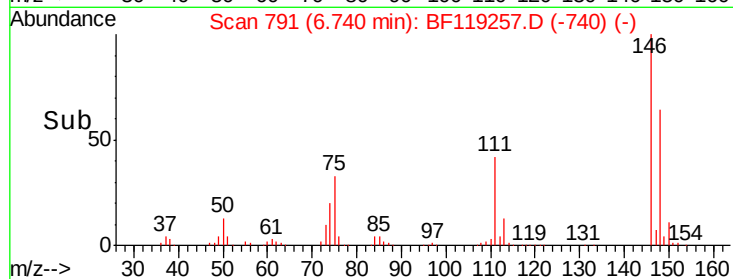
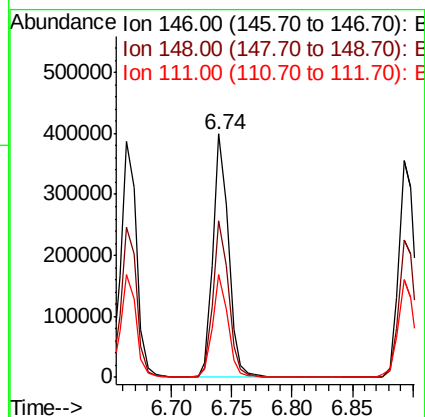
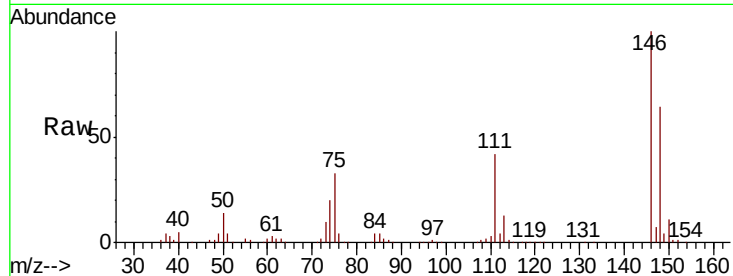




#13
 1,4-Dichlorobenzene
 Concen: 48.054 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

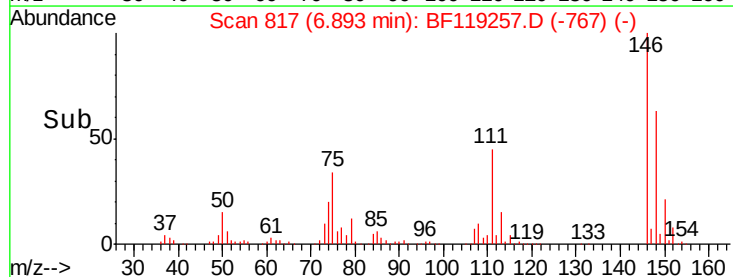
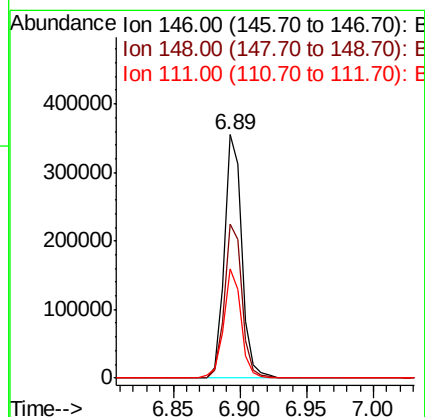
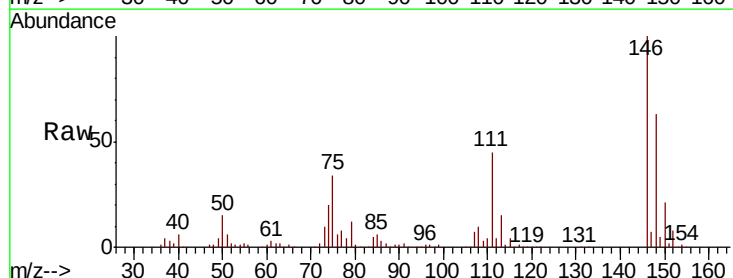
Instrument :
 BNA_F
 ClientSampled :

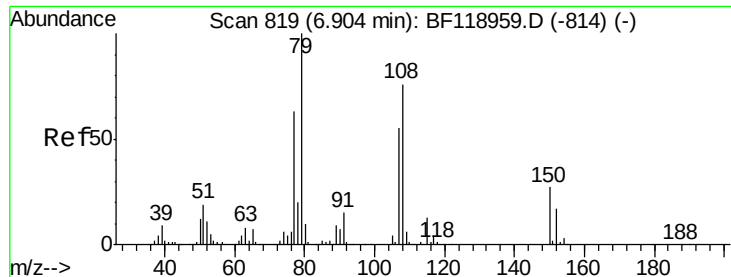
Tot Ion:146 Resp: 357586
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 42.3 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 48.389 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion:146 Resp: 328393
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 44.9 36.2 54.2

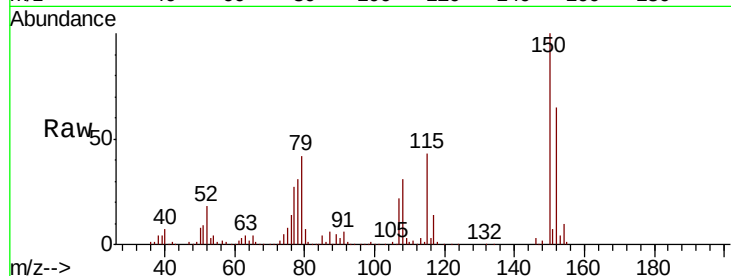




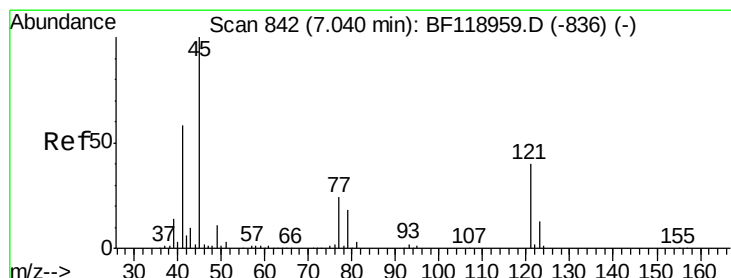
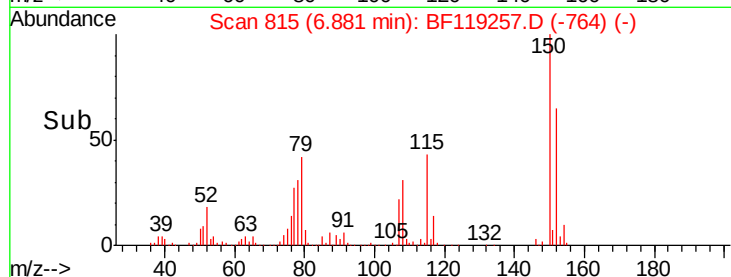
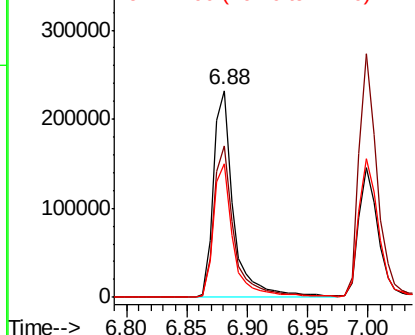
#15
Benzyl Alcohol
Concen: 52.655 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 266084
Ion Ratio Lower Upper
79 100
108 73.1 58.2 87.2
77 64.4 51.2 76.8

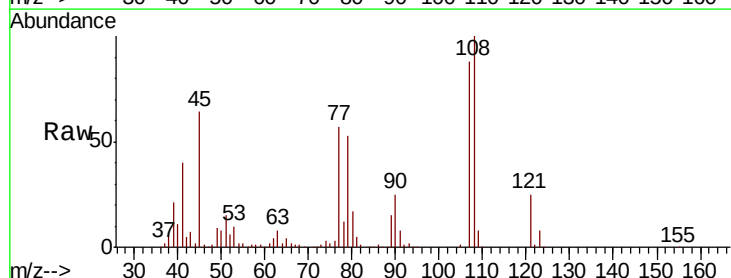


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

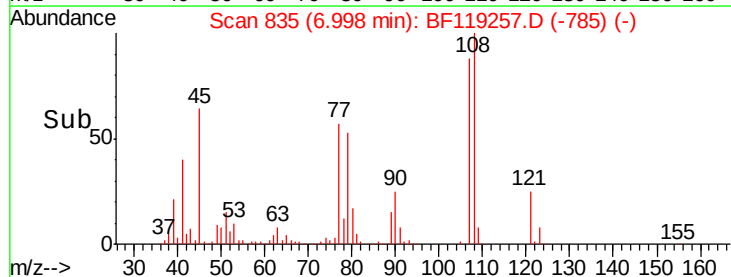
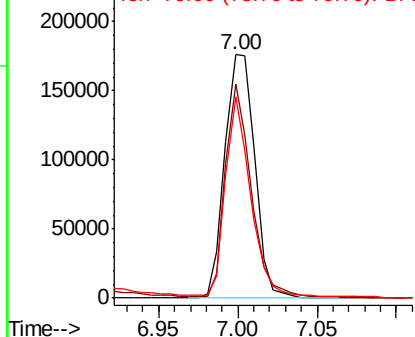


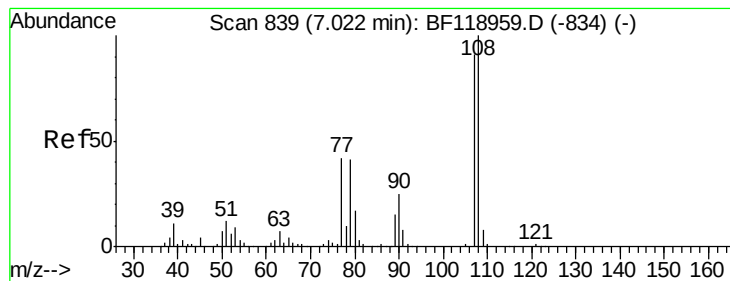
#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.990 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion: 45 Resp: 230432
Ion Ratio Lower Upper
45 100
77 87.9 15.0 55.0#
79 82.8 9.4 49.4#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

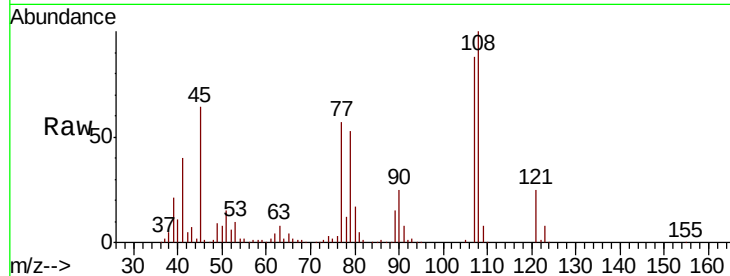




#17
2-Methylphenol
Concen: 50.236 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	87.9	131.9
77	64.1	45.3	67.9
79	60.3	43.0	64.4



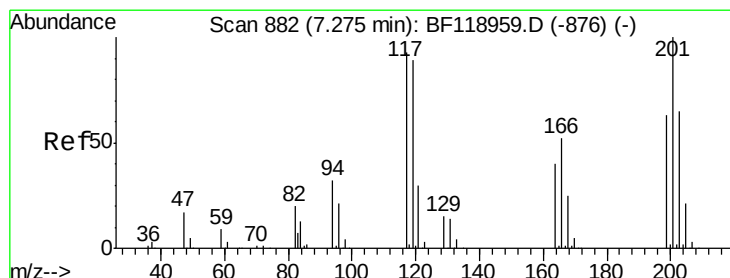
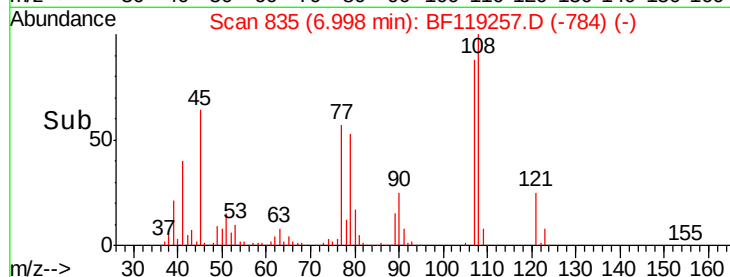
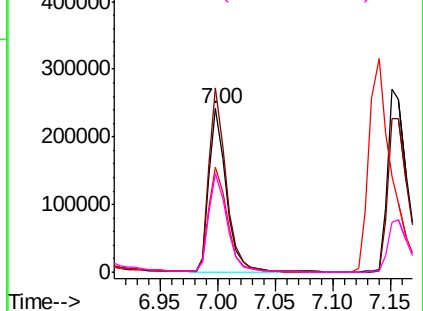
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

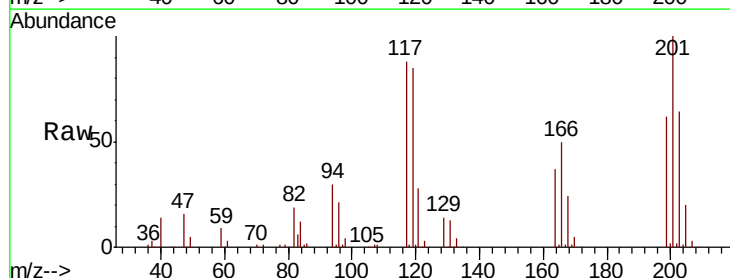
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 47.685 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.5	116.3
201	113.2	82.6	123.8

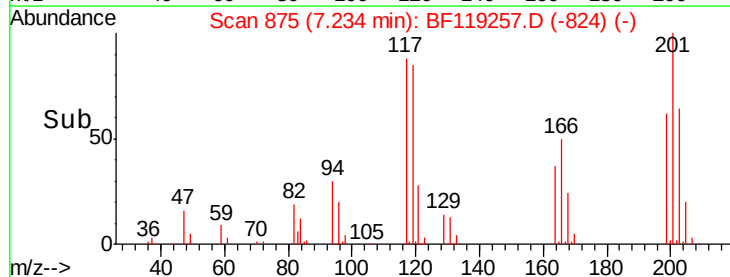
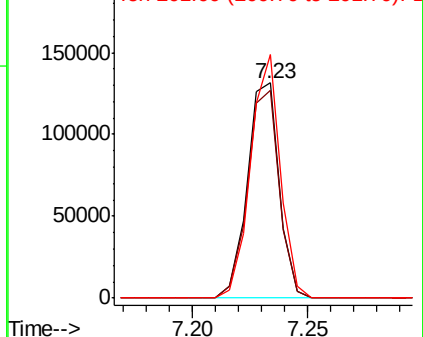


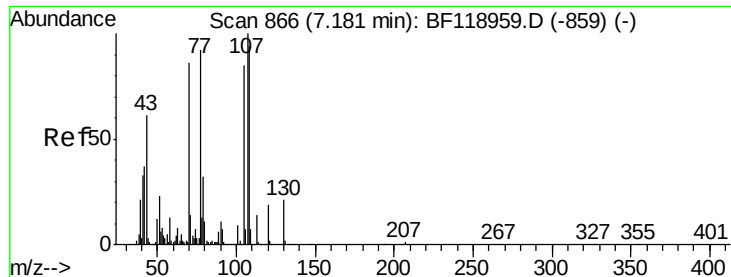
Abundance

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

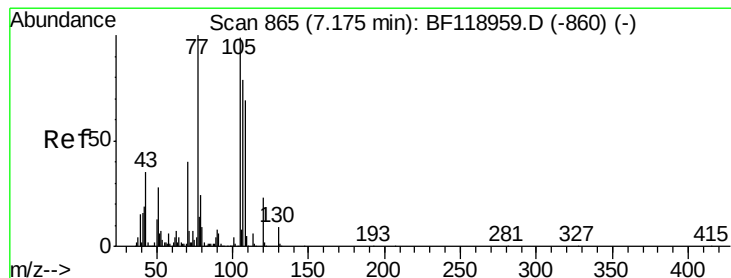
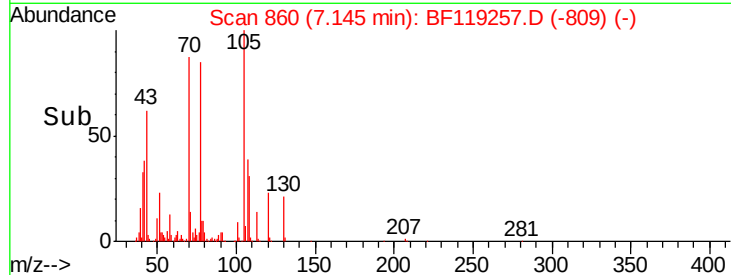
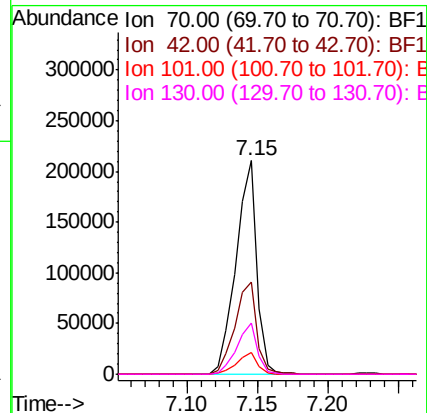
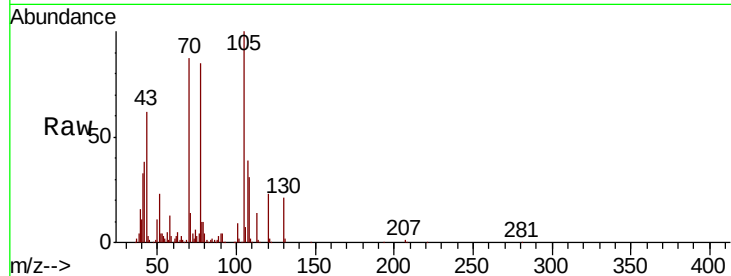




#19
n-Nitroso-di-n-propylamine
Concen: 53.037 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

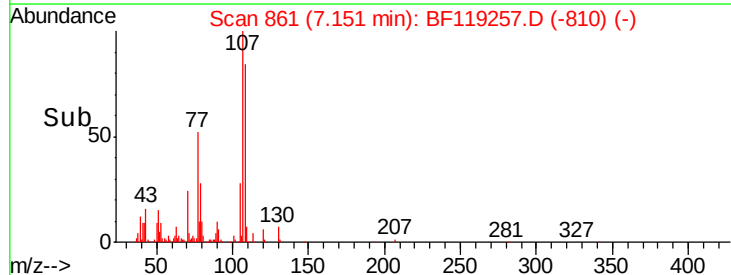
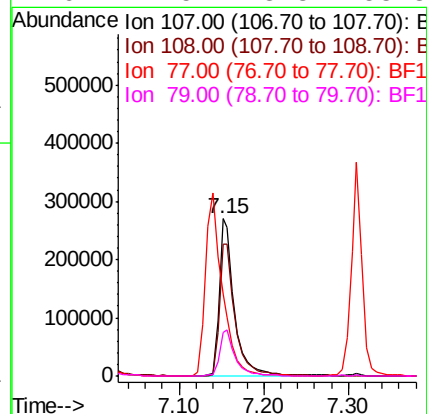
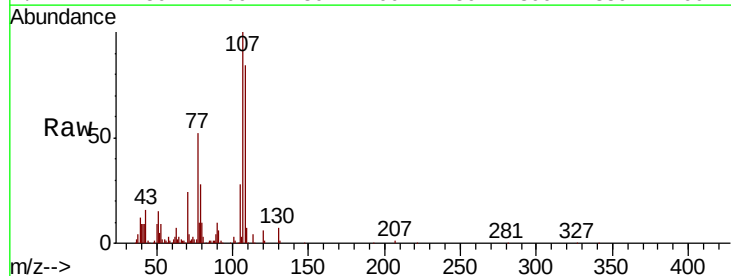
Instrument :
BNA_F
ClientSampleId :

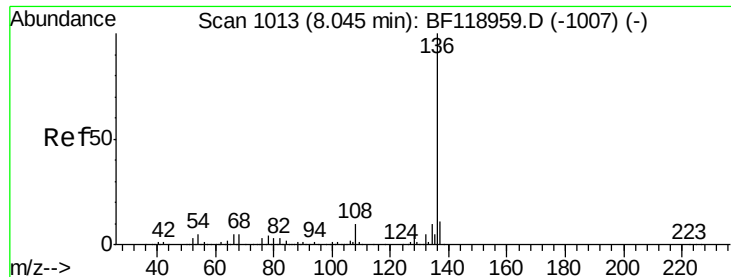
Tot Ion: 70 Resp: 216082
Ion Ratio Lower Upper
70 100
42 43.4 38.0 57.0
101 10.3 8.2 12.4
130 23.9 18.2 27.4



#20
3+4-Methylphenols
Concen: 55.129 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion: 107 Resp: 339743
Ion Ratio Lower Upper
107 100
108 84.2 71.5 111.5
77 52.4 45.9 85.9
79 27.5 13.8 53.8

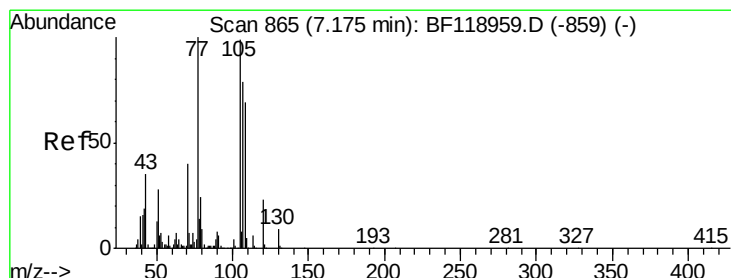
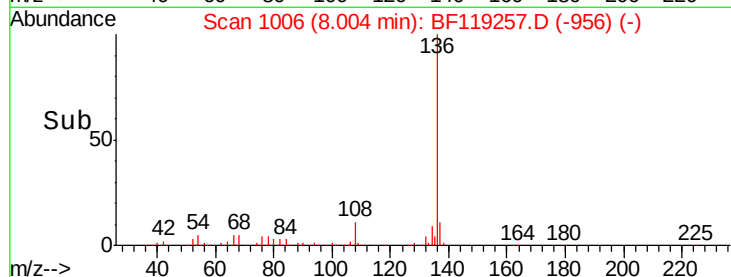
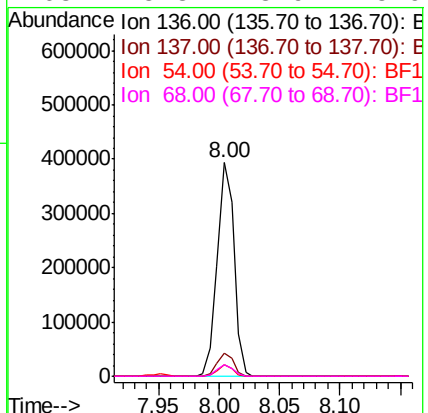
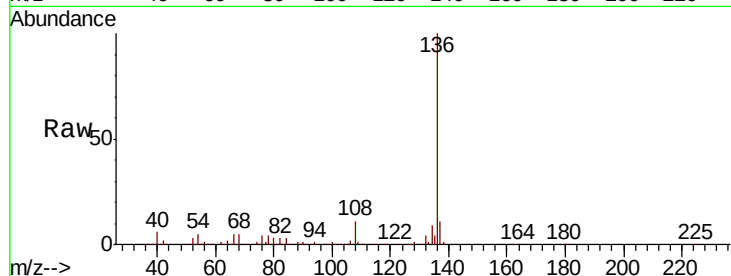




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

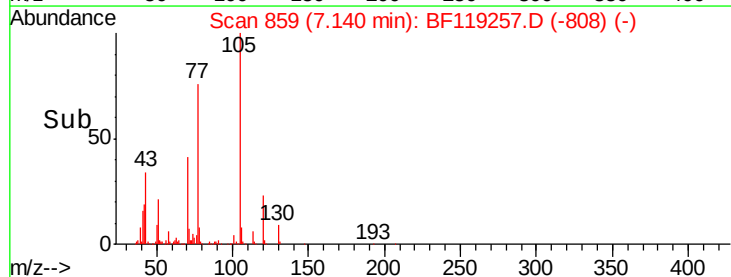
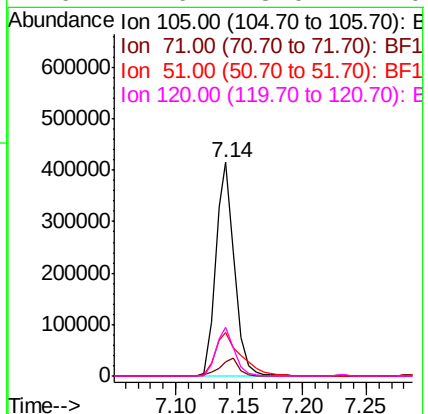
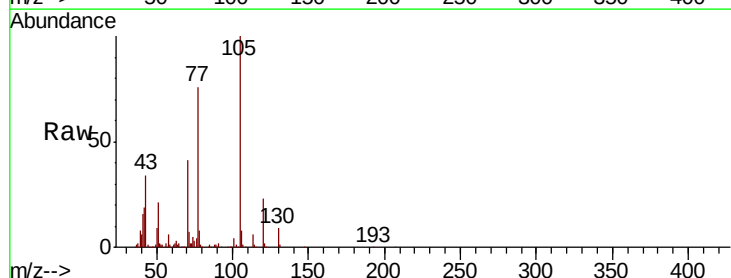
Instrument :
BNA_F
ClientSampleId :

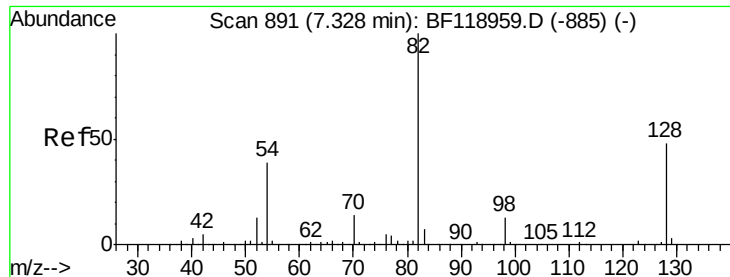
Tot Ion:136	Resp:	376557
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 5.4	3.8	5.6
68 5.3	3.9	5.9



#22
Acetophenone
Concen: 49.205 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt	Ion:105	Resp:	428701
Ion	Ratio	Lower	Upper
105	100		
71	6.8	3.0	4.4#
51	20.7	20.1	30.1
120	22.6	18.0	27.0

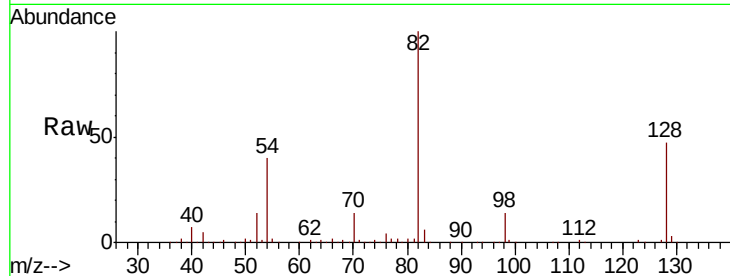




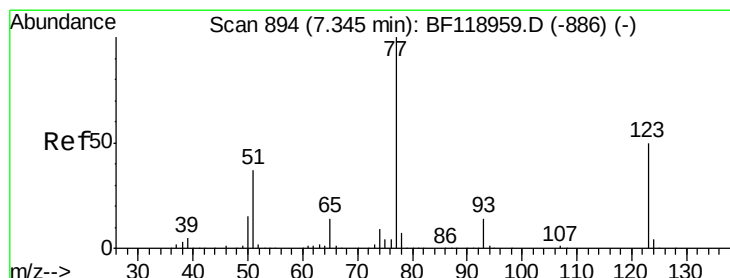
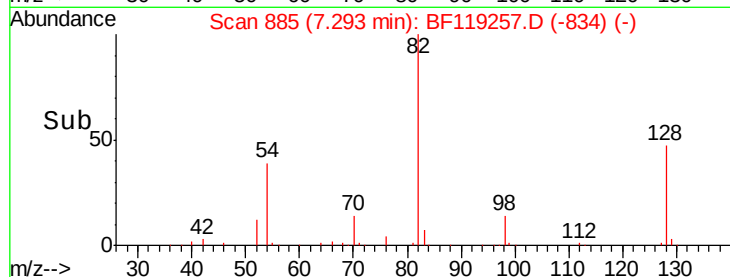
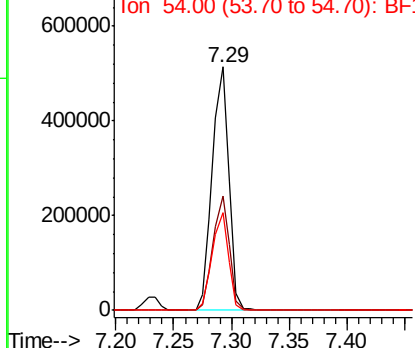
#23
Nitrobenzene-d5
Concen: 72.923 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 520069
Ion Ratio Lower Upper
82 100
128 46.8 37.9 56.9
54 39.9 33.4 50.2

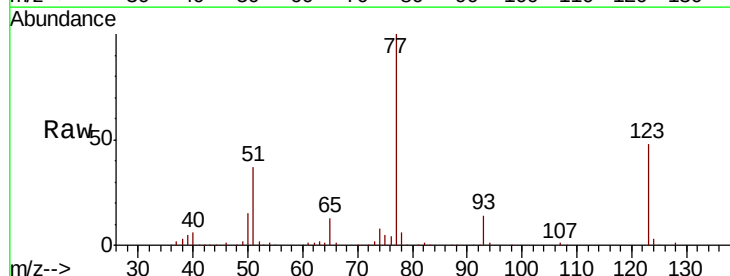


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

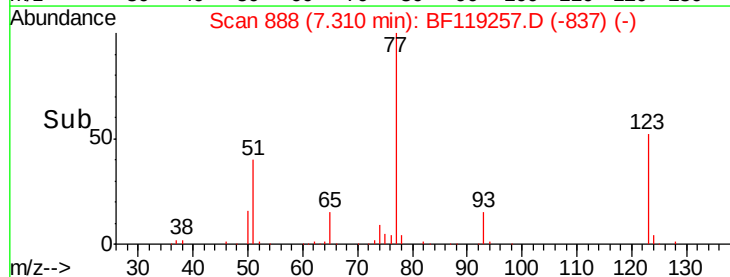
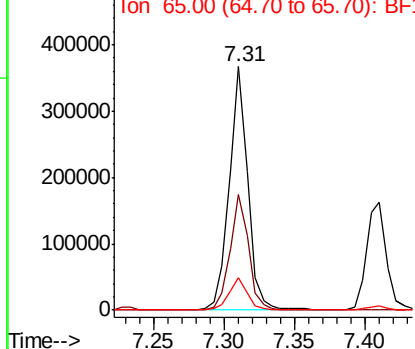


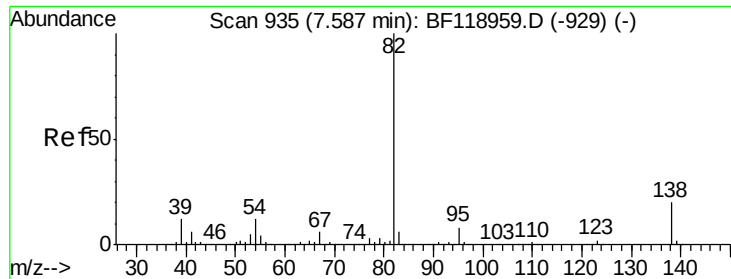
#24
Nitrobenzene
Concen: 46.959 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion: 77 Resp: 331186
Ion Ratio Lower Upper
77 100
123 47.5 40.2 60.2
65 13.4 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: 47.442 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

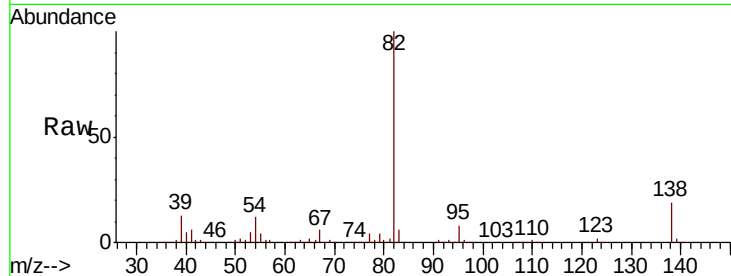
Tot Ion: 82 Resp: 587609

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

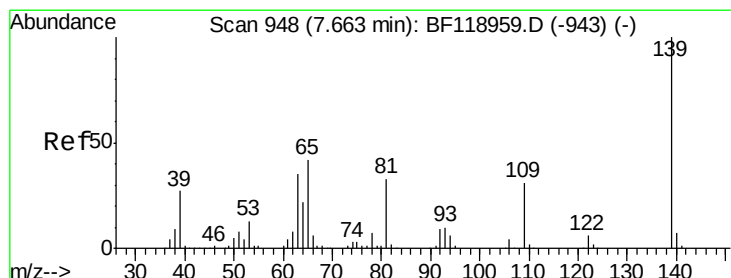
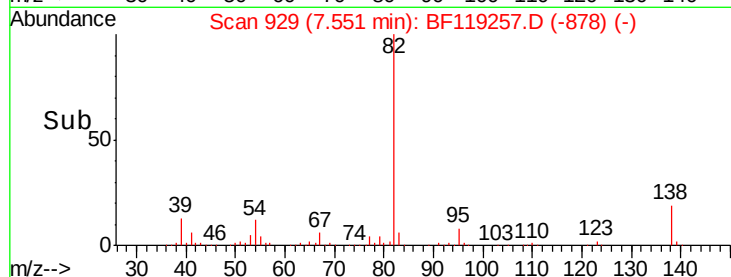
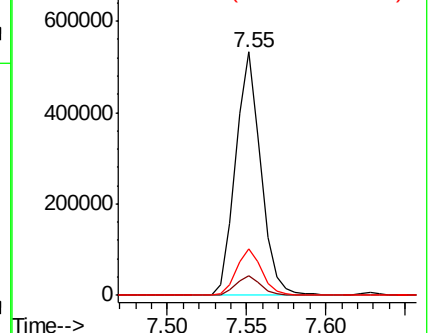
138 19.0 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.033 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

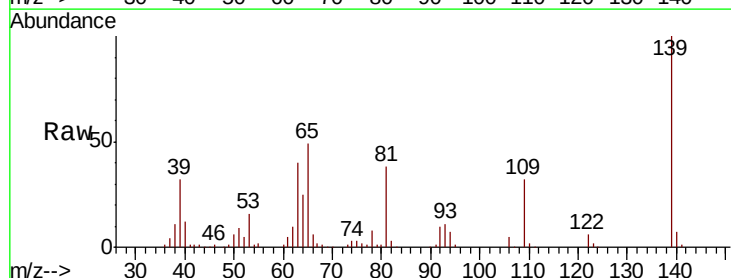
Tgt Ion: 139 Resp: 175752

Ion Ratio Lower Upper

139 100

109 32.1 25.7 38.5

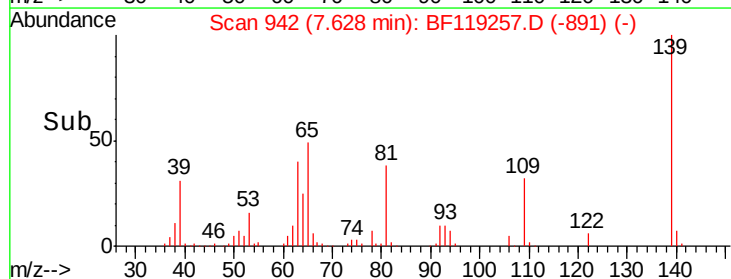
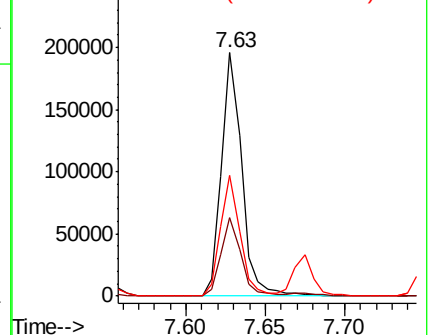
65 49.4 37.1 55.7

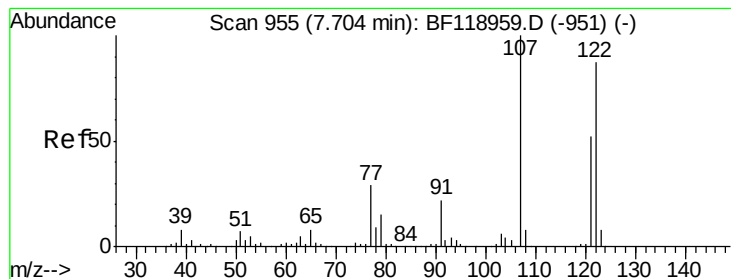


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

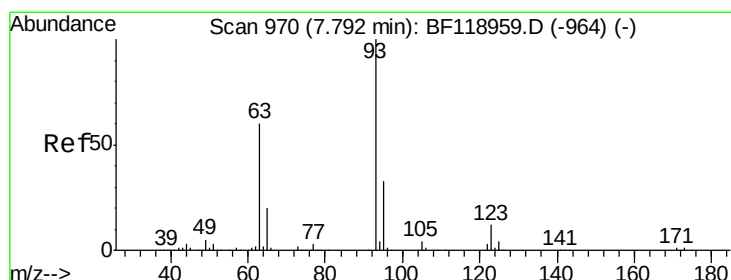
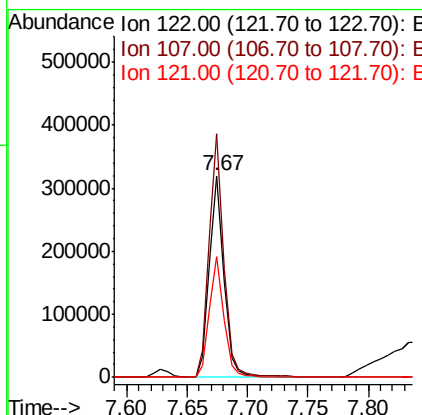
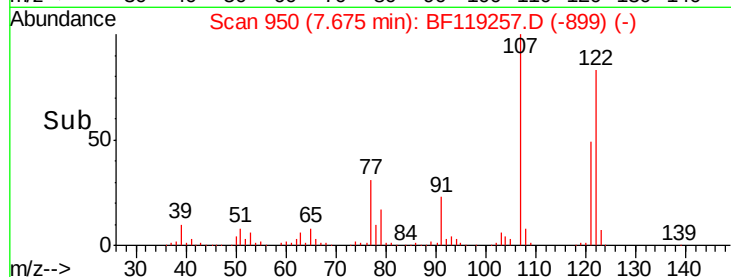
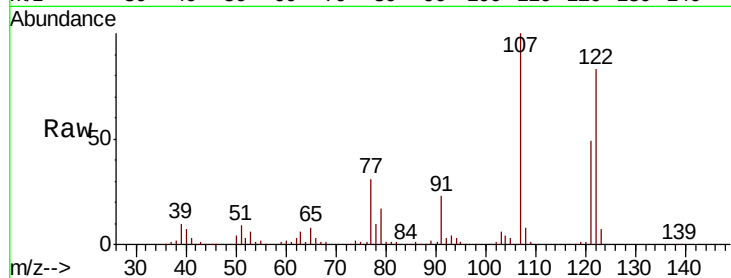




#27
 2,4-Dimethylphenol
 Concen: 53.031 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

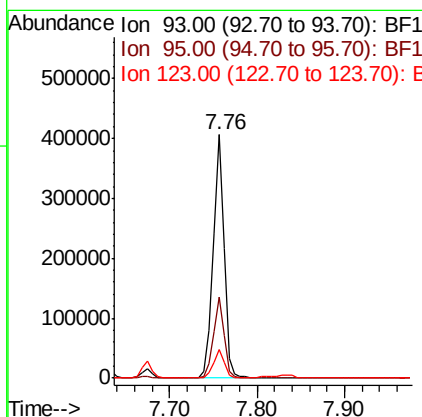
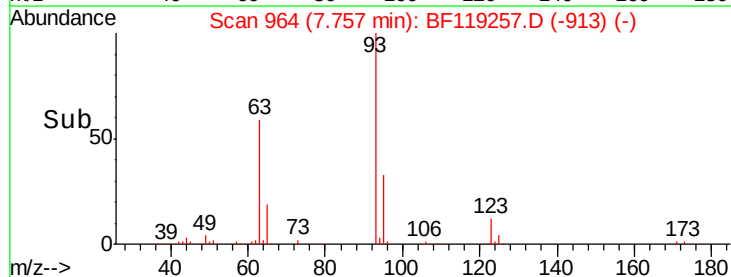
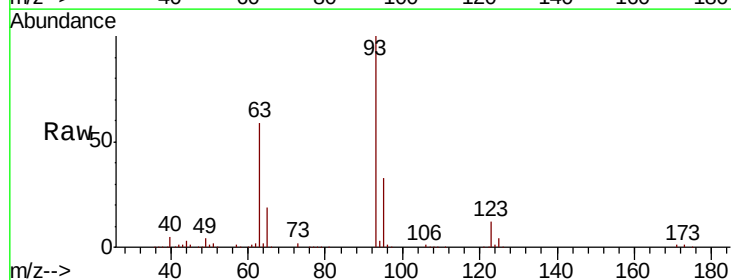
Instrument :
 BNA_F
 ClientSampled :

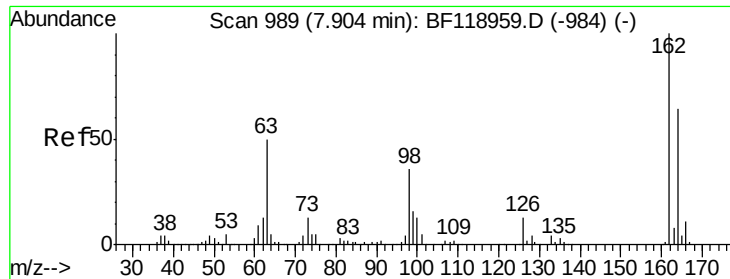
Tot Ion:122 Resp: 268949
 Ion Ratio Lower Upper
 122 100
 107 120.8 93.8 140.6
 121 59.8 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.361 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion: 93 Resp: 357629
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 11.6 10.2 15.2

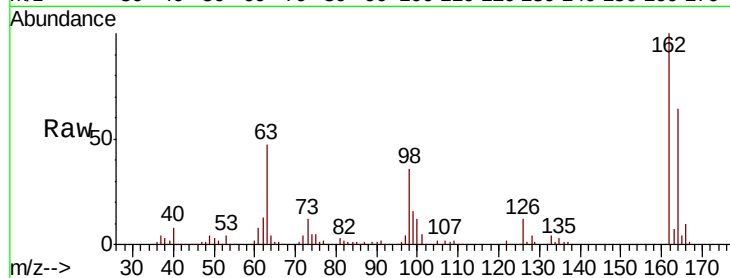




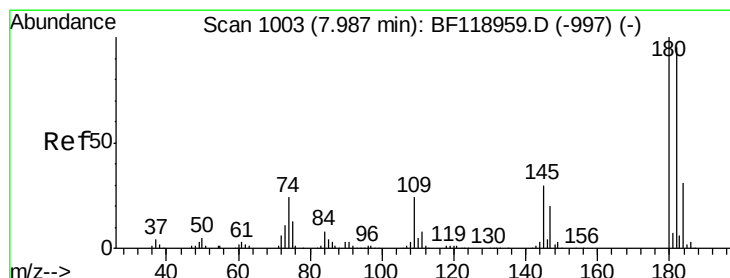
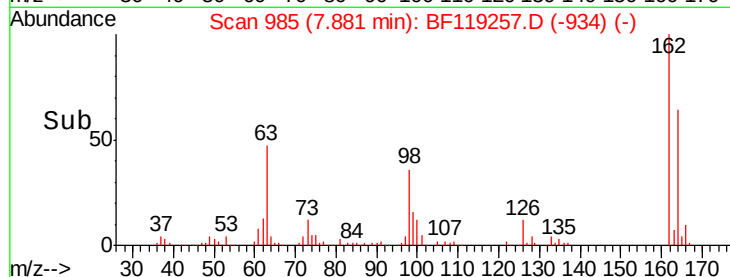
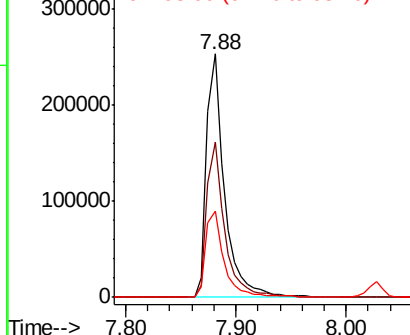
#29
 2,4-Dichlorophenol
 Concen: 46.698 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 278806
 Ion Ratio Lower Upper
 162 100
 164 63.6 45.2 85.2
 98 35.7 17.4 57.4

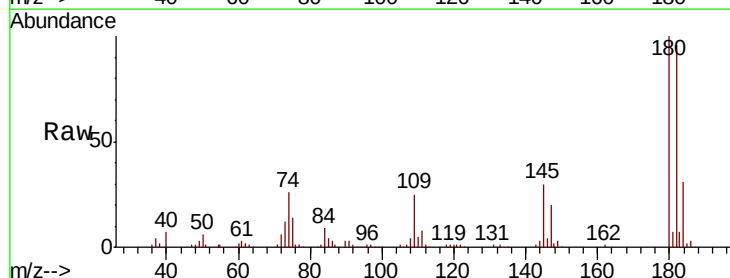


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

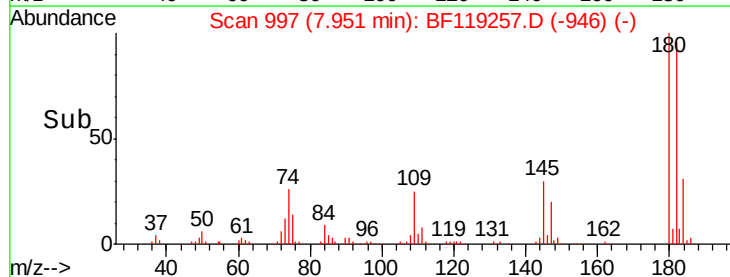
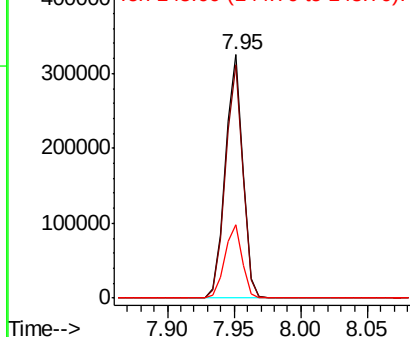


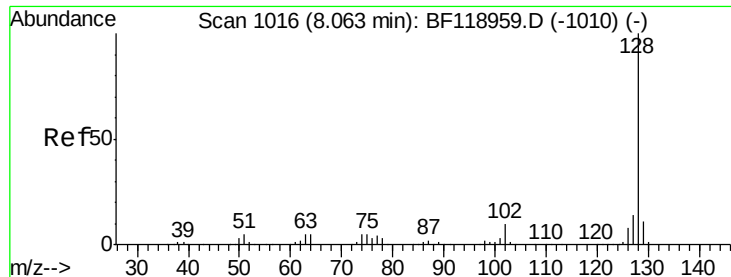
#30
 1,2,4-Trichlorobenzene
 Concen: 42.669 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion:180 Resp: 302044
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.8 116.6
 145 30.3 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

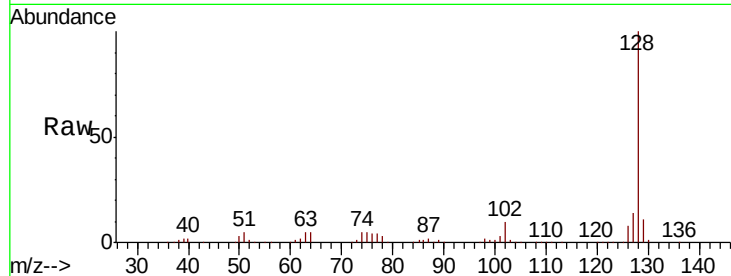




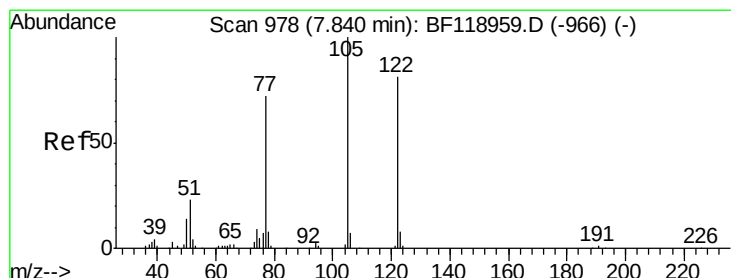
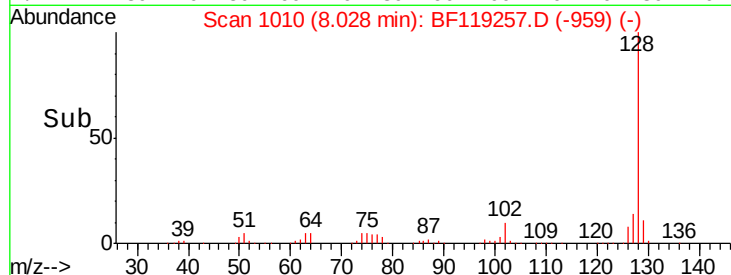
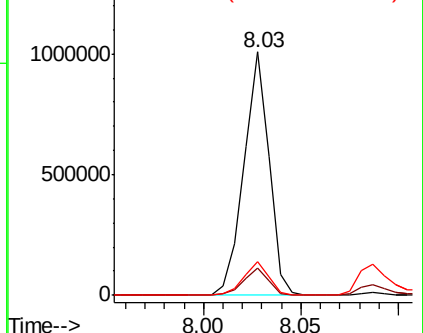
#31
Naphthalene
Concen: 46.281 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 903821
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.6 11.4 17.2

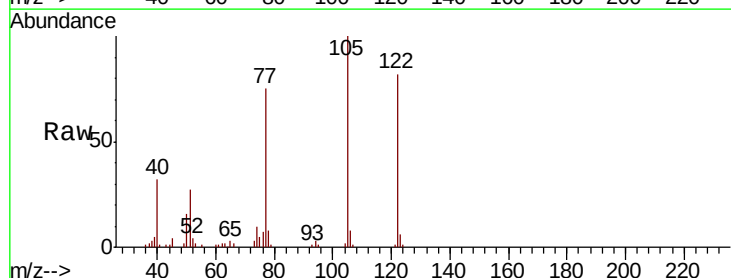


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

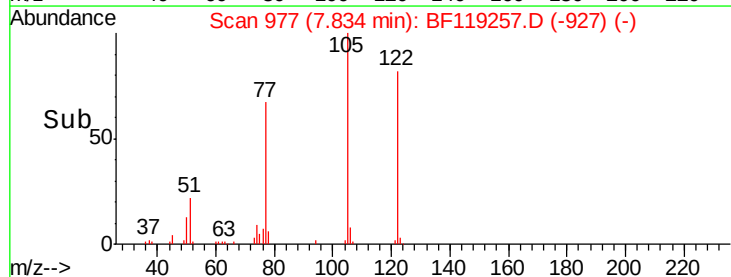
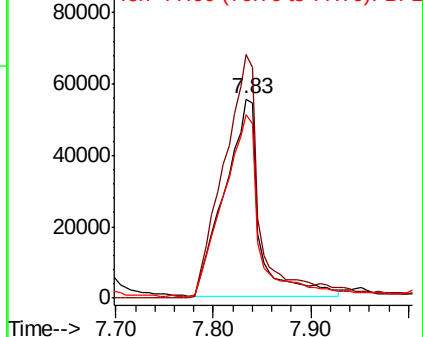


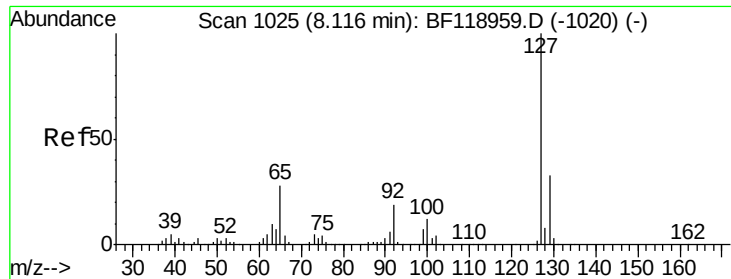
#32
Benzoic acid
Concen: 38.706 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:122 Resp: 137674
Ion Ratio Lower Upper
122 100
105 122.5 106.3 146.3
77 92.2 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

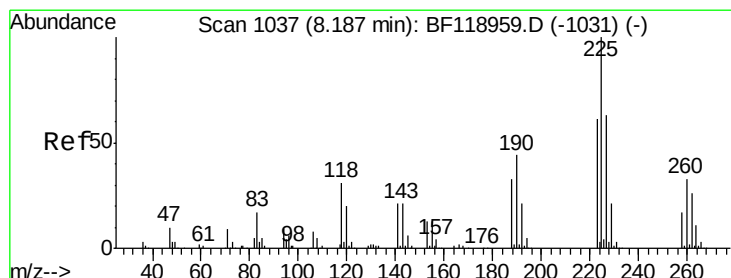
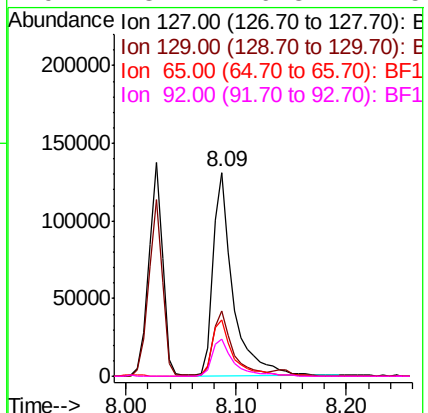
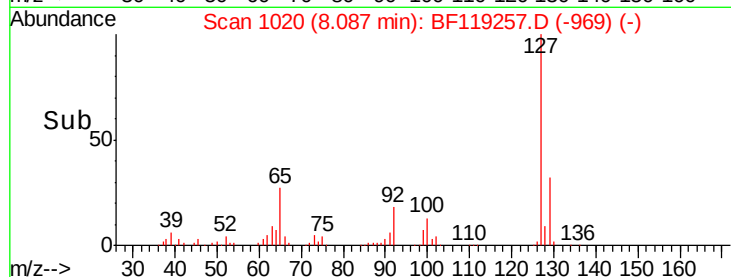
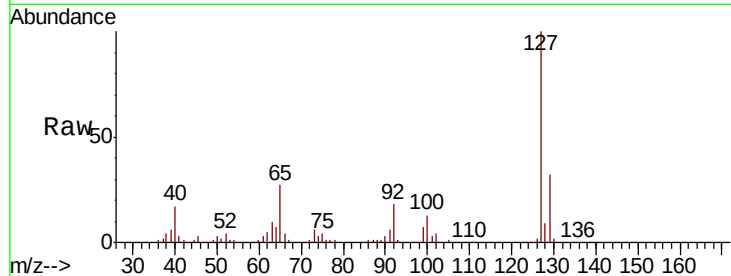




#33
4-Chloroaniline
Concen: 19.304 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

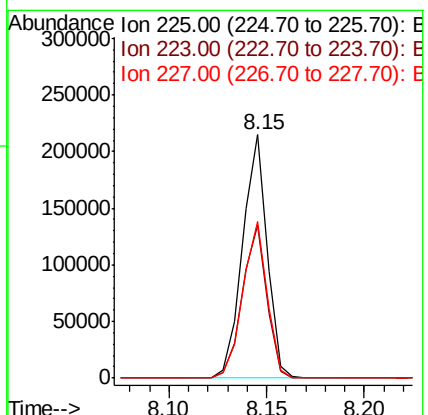
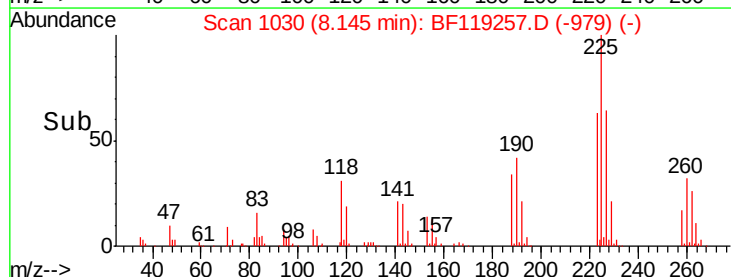
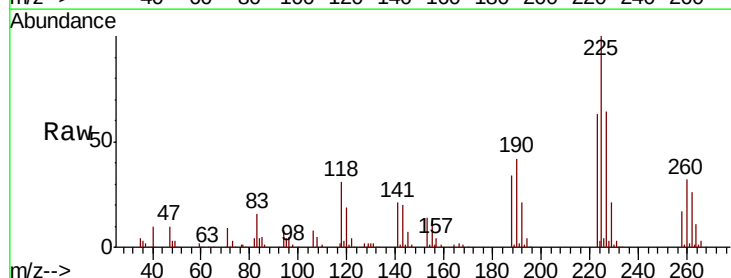
Instrument :
BNA_F
ClientSampleId :

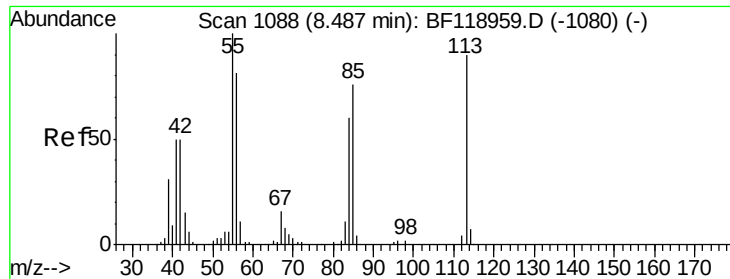
Tot Ion:	127	Resp:	162146
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	27.4	23.9	35.9
92	18.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 42.384 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:	225	Resp:	186883
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	64.1	52.9	79.3

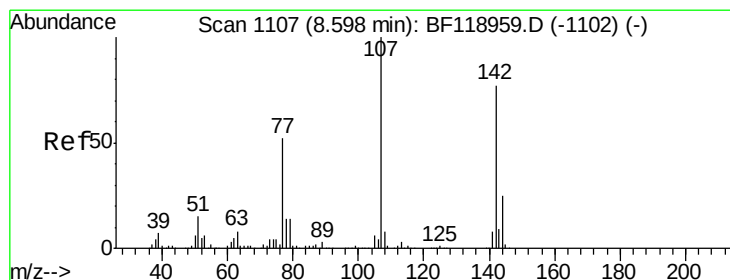
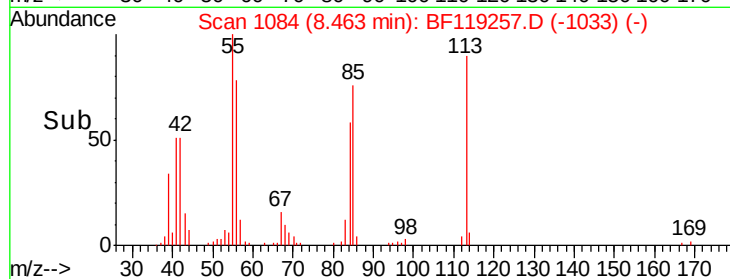
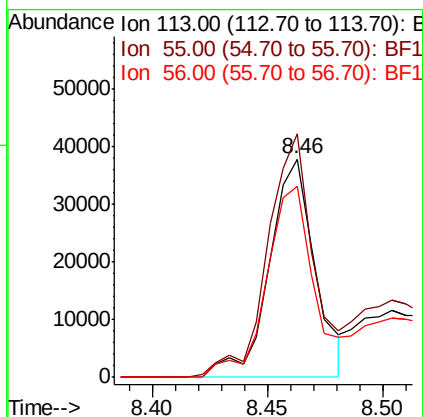
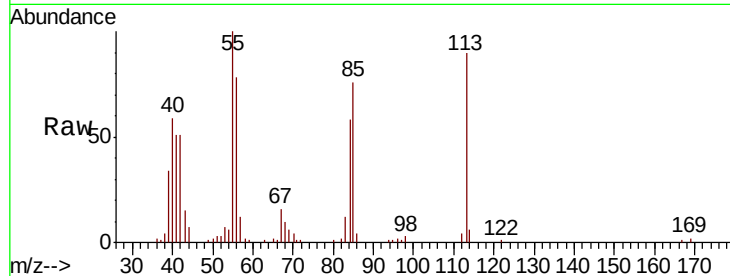




#35
 Caprolactam
 Concen: 28.132 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

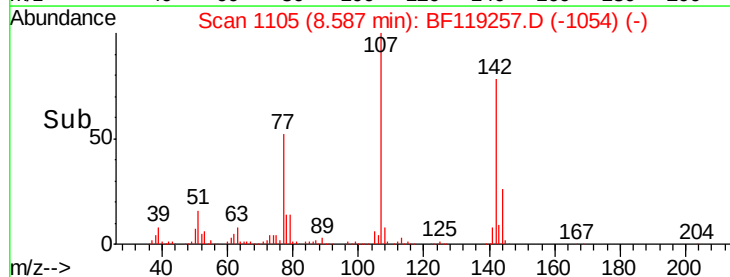
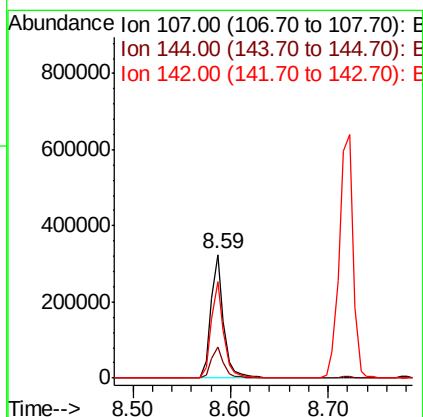
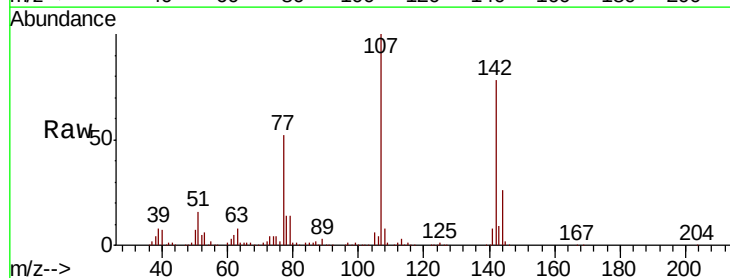
Instrument :
 BNA_F
 ClientSampled :

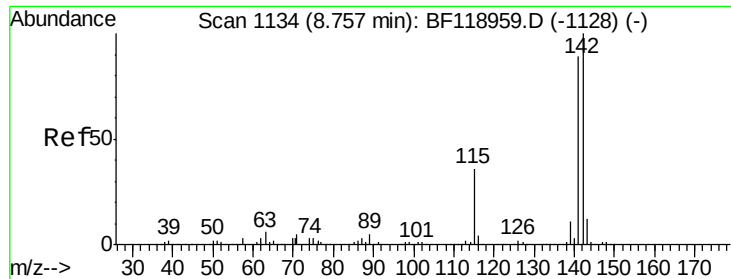
Tot Ion:113 Resp: 51717
 Ion Ratio Lower Upper
 113 100
 55 111.6 95.7 135.7
 56 87.6 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.716 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion:107 Resp: 294355
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 78.3 61.4 92.2

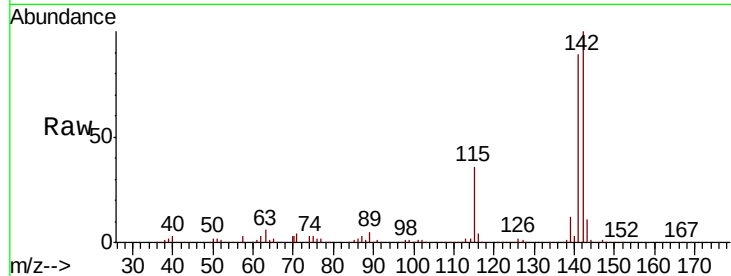




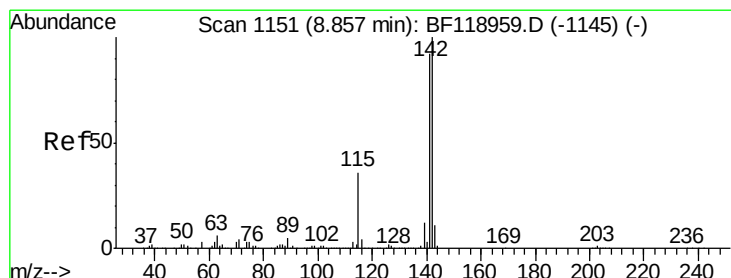
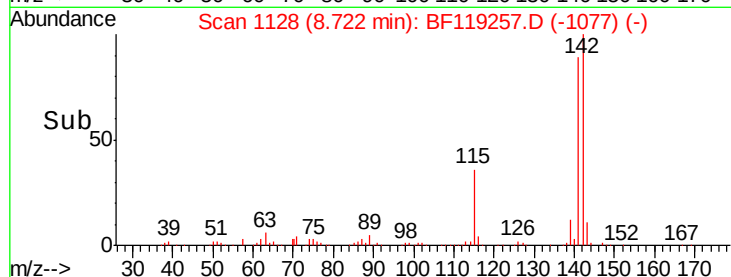
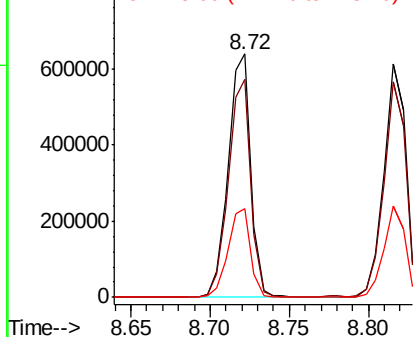
#37
2-Methylnaphthalene
Concen: 47.863 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 629029
Ion Ratio Lower Upper
142 100
141 89.5 72.3 108.5
115 36.3 30.6 45.8

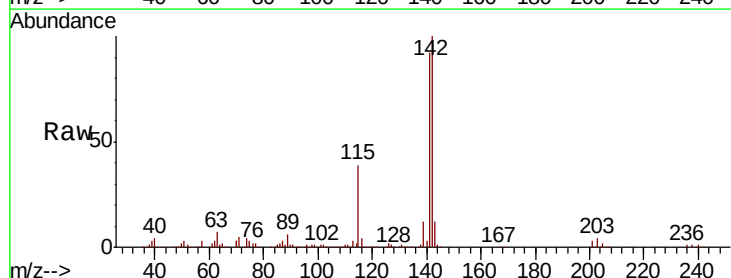


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

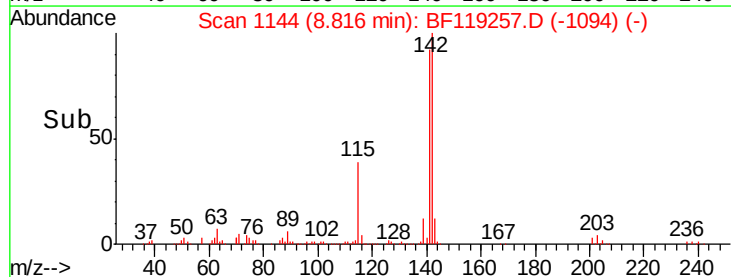
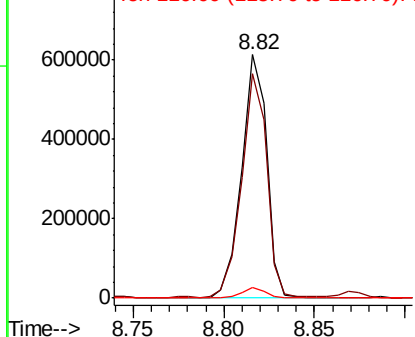


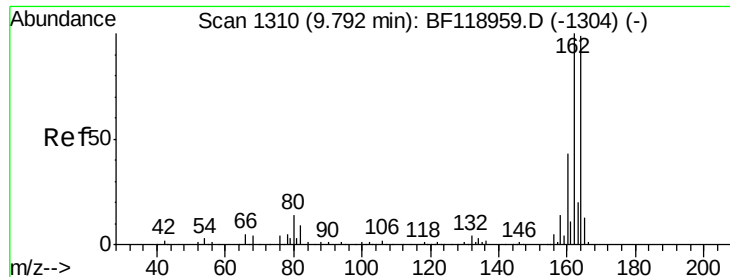
#38
1-Methylnaphthalene
Concen: 47.609 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:142 Resp: 588433
Ion Ratio Lower Upper
142 100
141 92.3 75.8 113.6
116 4.2 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

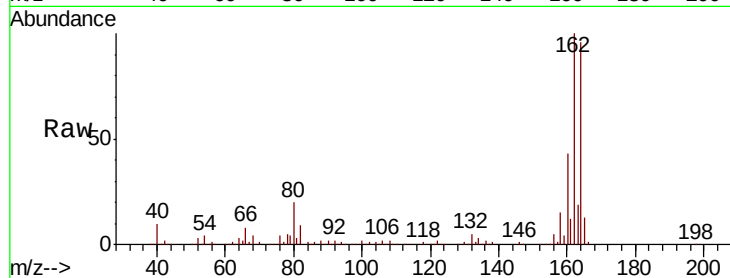




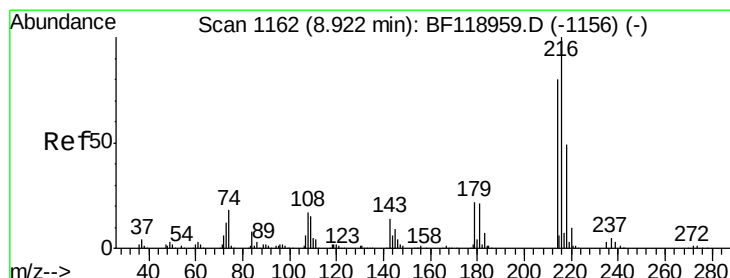
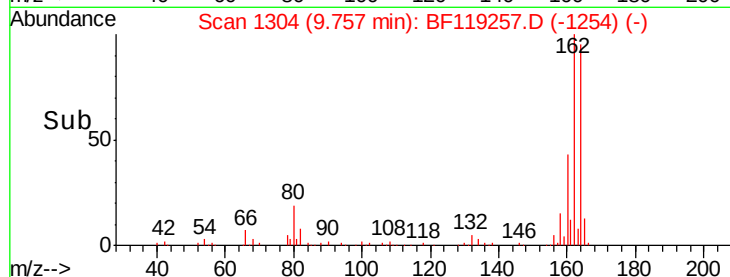
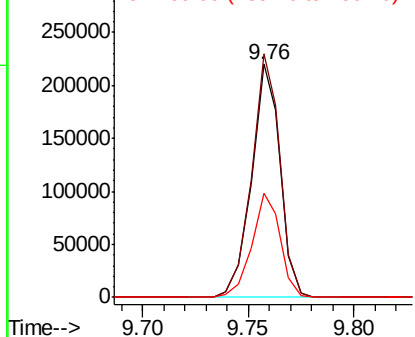
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 205711
Ion Ratio Lower Upper
164 100
162 104.4 81.8 122.8
160 44.8 36.0 54.0

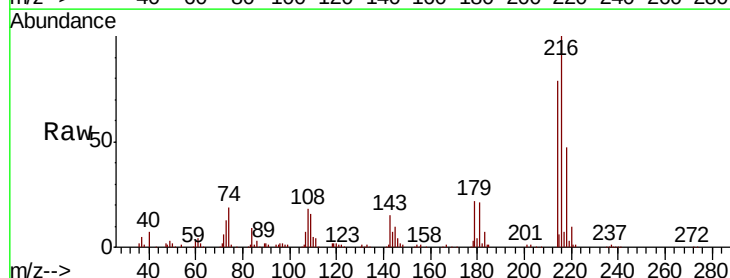


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

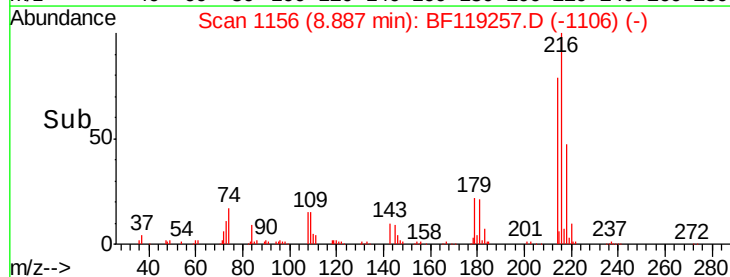
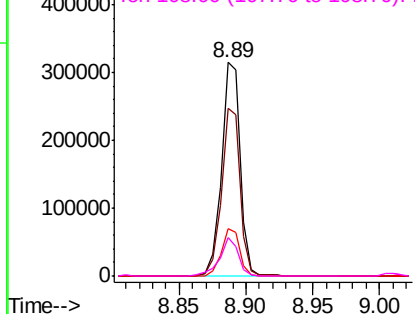


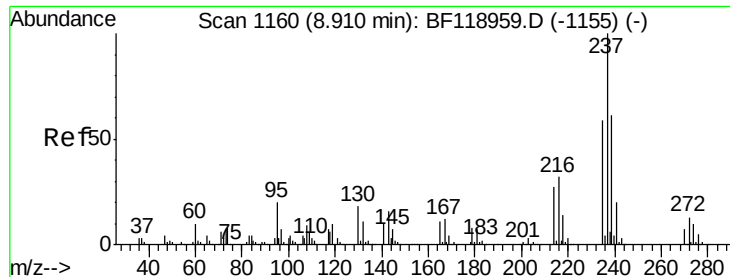
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.947 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:216 Resp: 311741
Ion Ratio Lower Upper
216 100
214 78.1 63.3 94.9
179 21.6 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

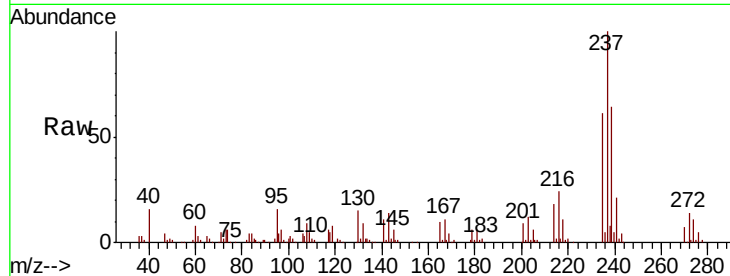




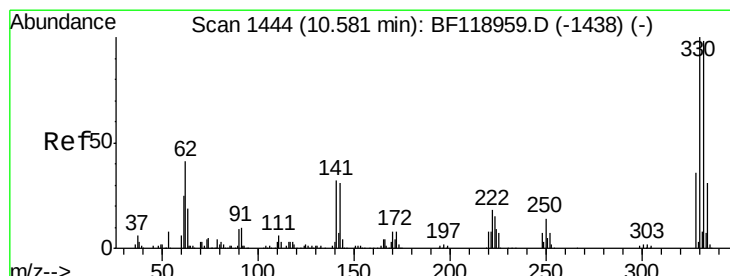
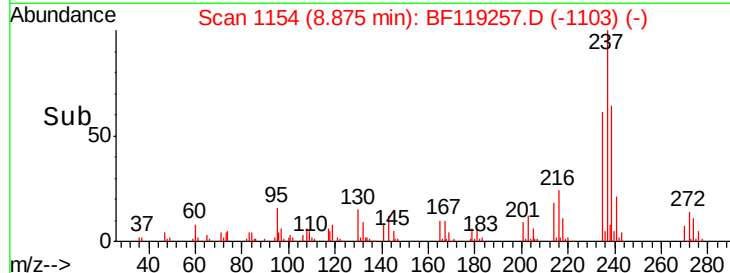
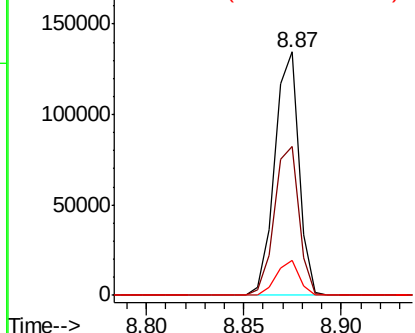
#41
Hexachlorocyclopentadiene
Concen: 50.033 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 116247
Ion Ratio Lower Upper
237 100
235 61.1 42.3 82.3
272 14.4 0.0 33.5

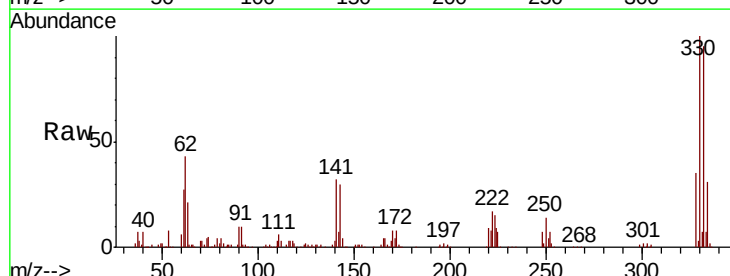


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

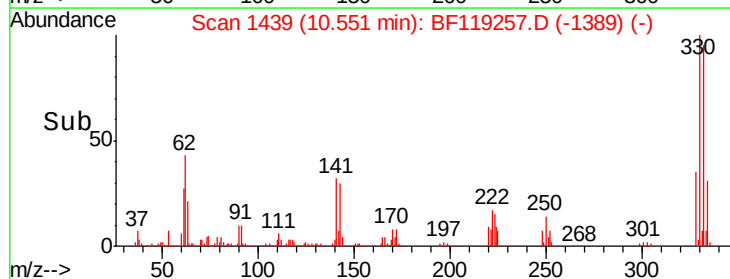
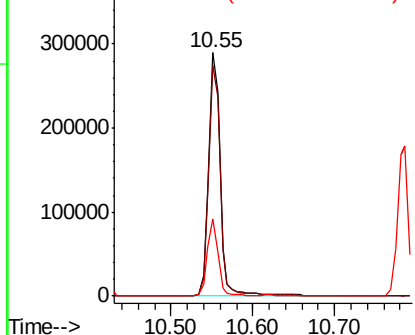


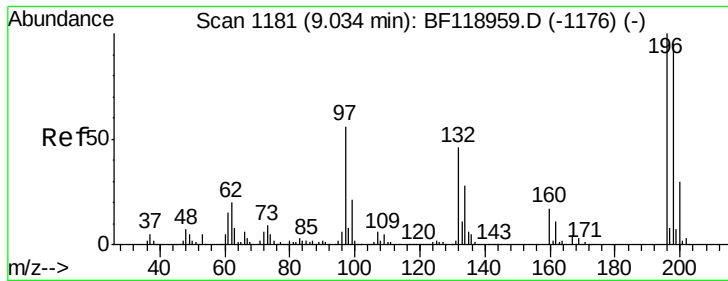
#42
2,4,6-Tribromophenol
Concen: 106.036 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:330 Resp: 285348
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 29.9 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

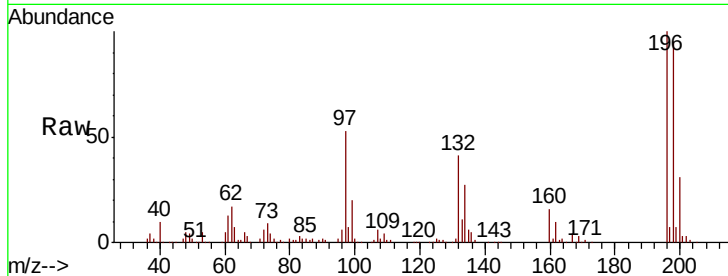




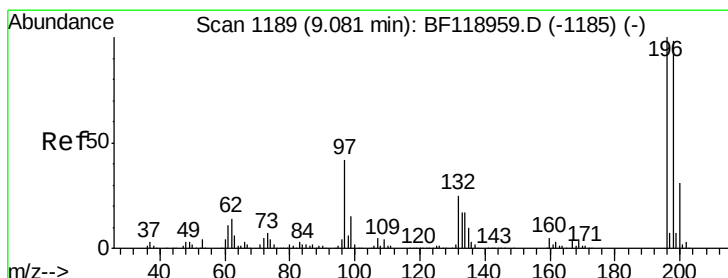
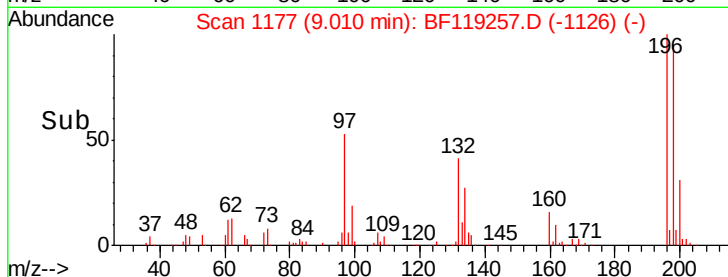
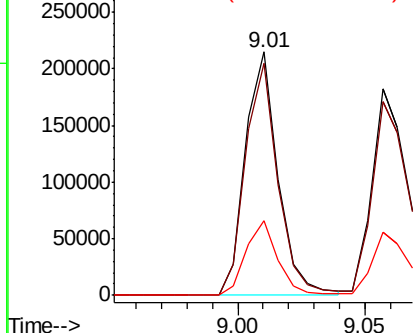
#43
 2,4,6-Trichlorophenol
 Concen: 44.255 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 193830
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.1 115.7
 200 30.7 25.0 37.6

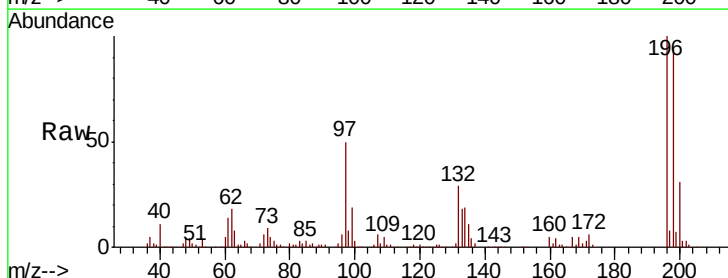


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

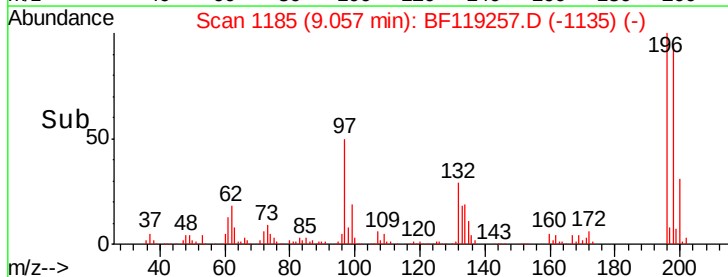
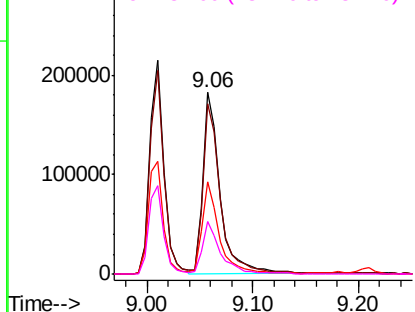


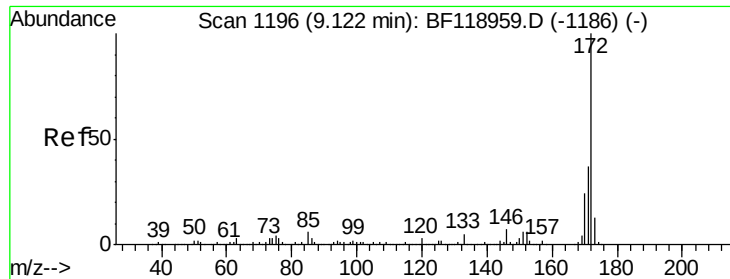
#44
 2,4,5-Trichlorophenol
 Concen: 44.624 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion:196 Resp: 205094
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.8 115.2
 97 50.5 38.5 57.7
 132 29.2 22.2 33.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

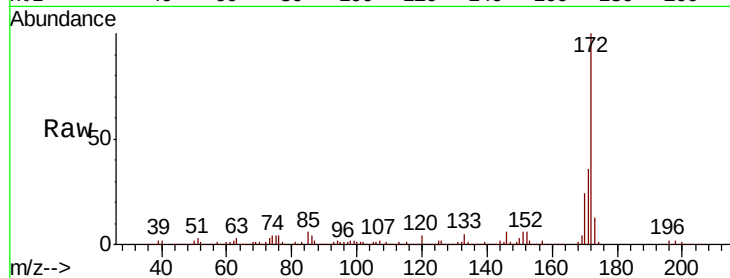




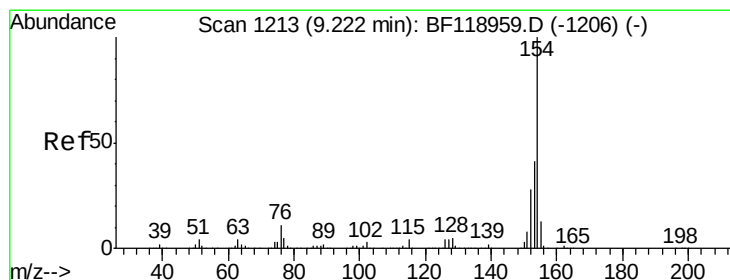
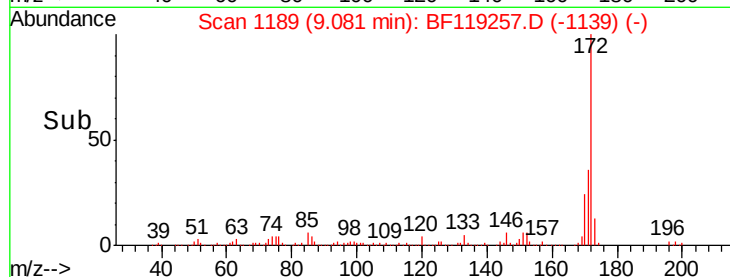
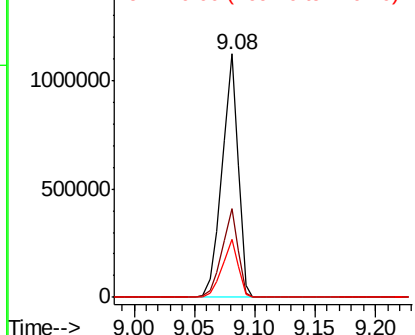
#45
2-Fluorobiphenyl
Concen: 73.830 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1030942
Ion Ratio Lower Upper
172 100
171 36.3 30.6 45.8
170 23.9 20.2 30.2

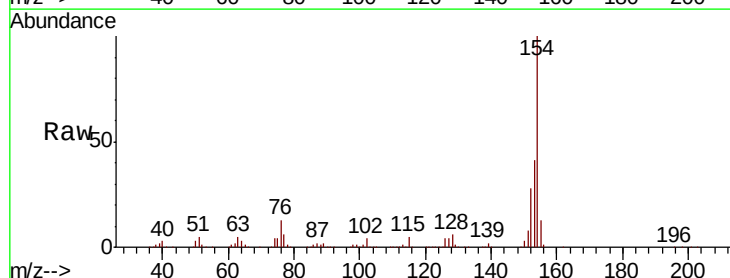


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

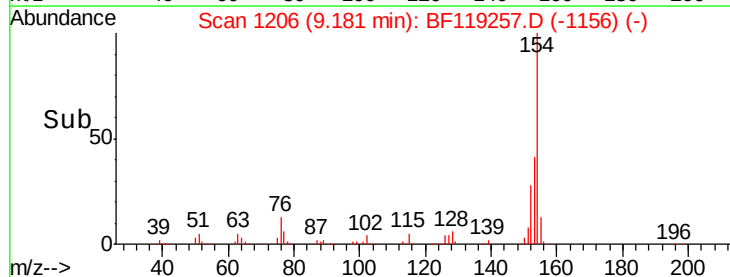
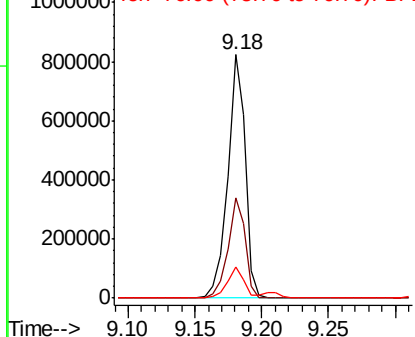


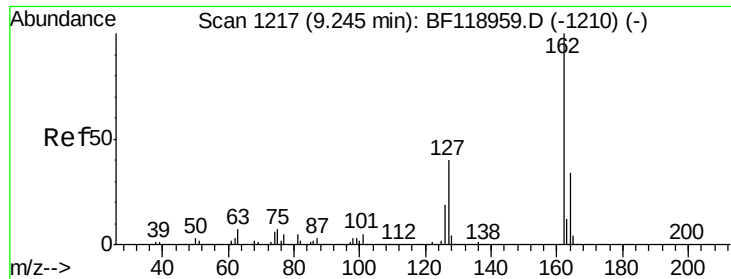
#46
1,1'-Biphenyl
Concen: 45.670 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:154 Resp: 759298
Ion Ratio Lower Upper
154 100
153 41.4 22.8 62.8
76 12.5 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

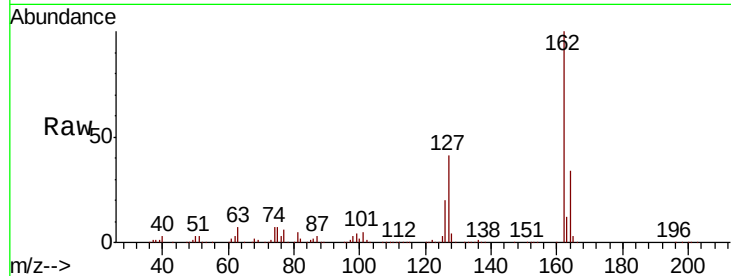




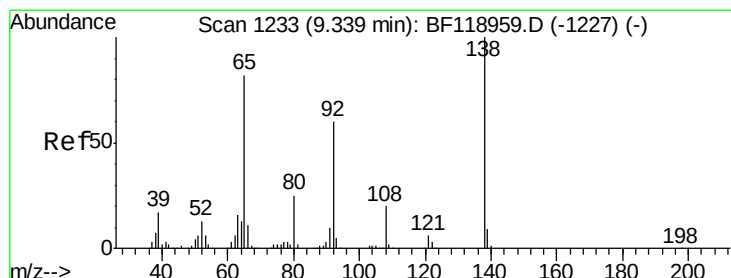
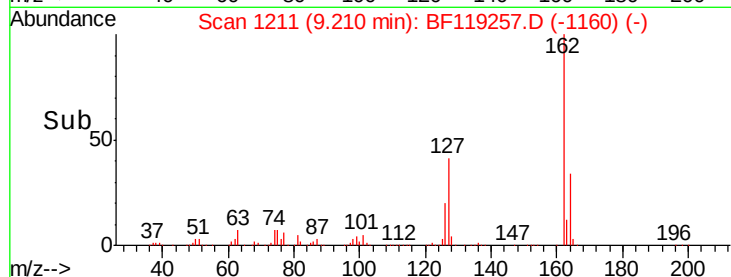
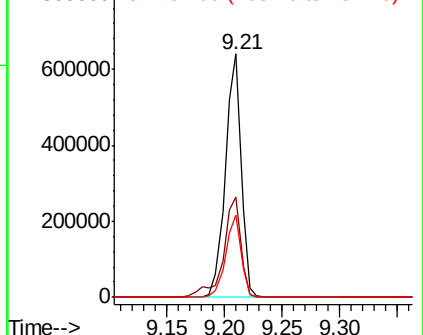
#47
 2-Chloronaphthalene
 Concen: 45.380 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 607994
 Ion Ratio Lower Upper
 162 100
 127 41.4 35.0 52.4
 164 33.9 27.2 40.8

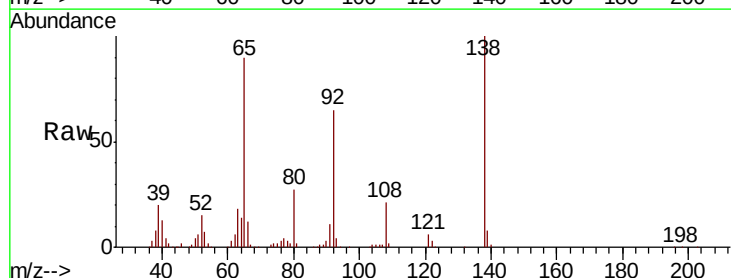


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

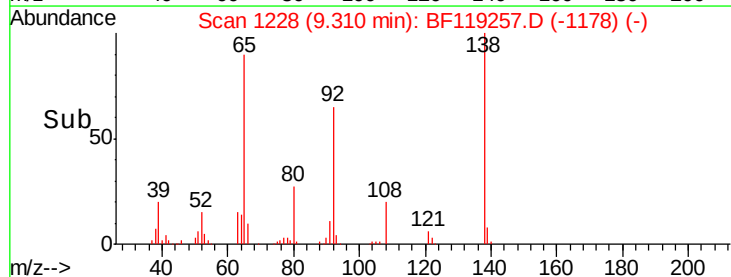
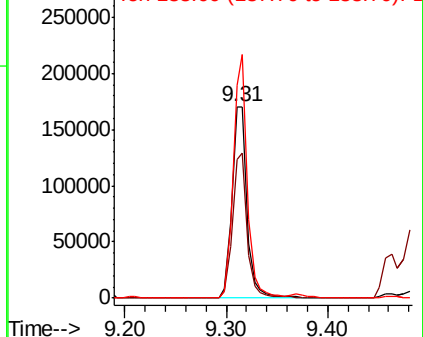


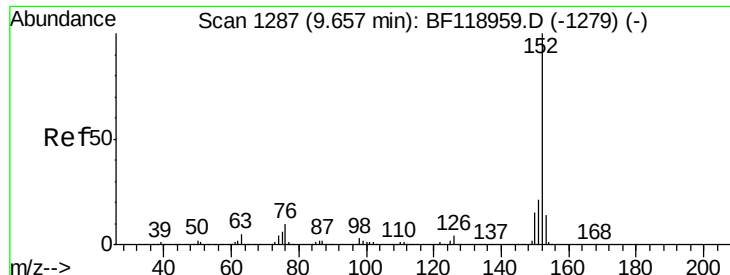
#48
 2-Nitroaniline
 Concen: 47.547 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion: 65 Resp: 177679
 Ion Ratio Lower Upper
 65 100
 92 72.1 58.2 87.2
 138 110.9 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: 48.368 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

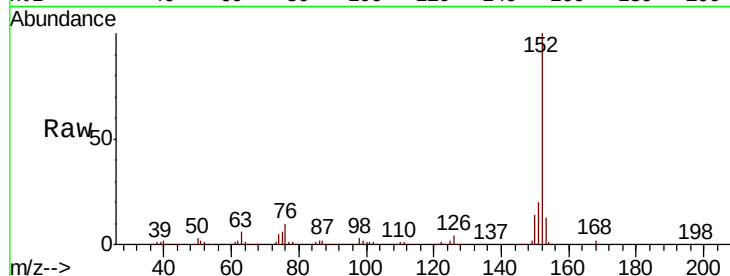
Tot Ion:152 Resp: 935932

Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

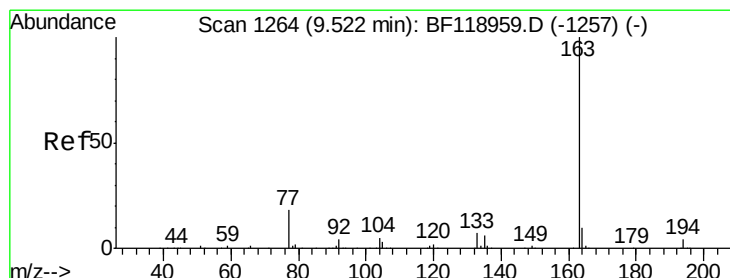
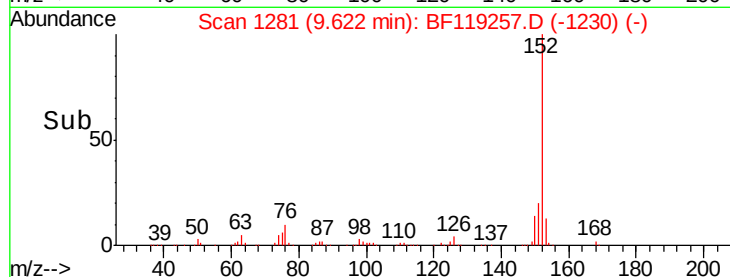
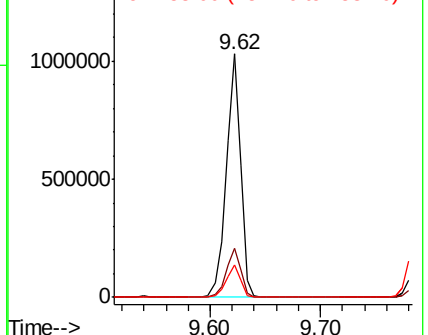
153 13.2 11.0 16.6



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: 52.577 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

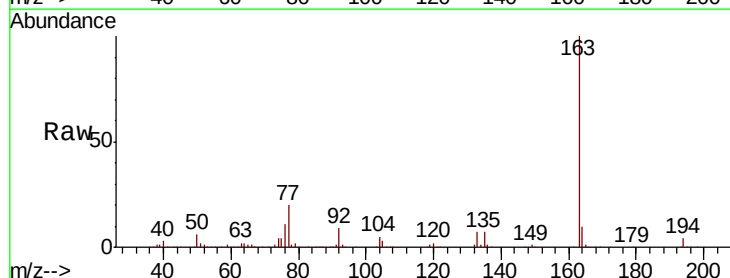
Tgt Ion:163 Resp: 827052

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

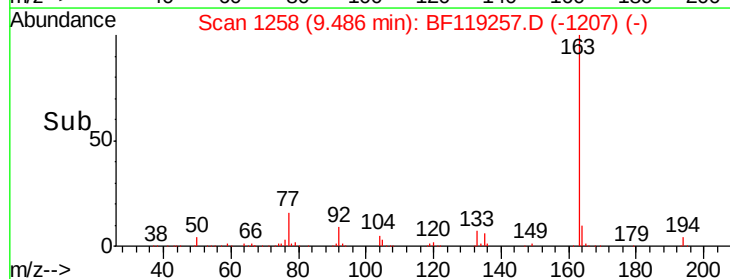
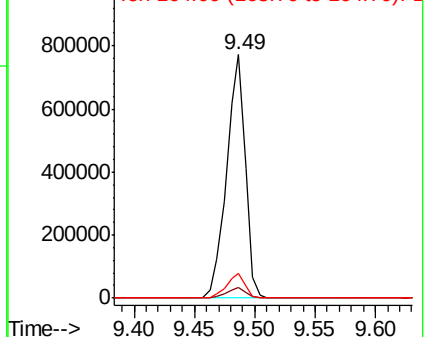
164 10.3 8.4 12.6

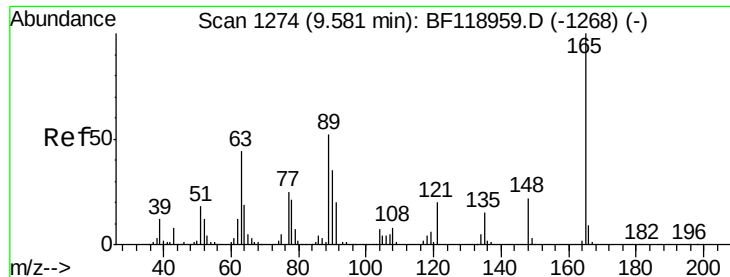


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.565 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampled :

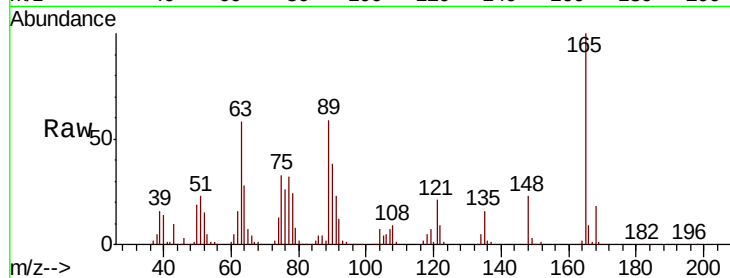
Tot Ion:165 Resp: 166231

Ion Ratio Lower Upper

165 100

63 58.3 34.3 51.5#

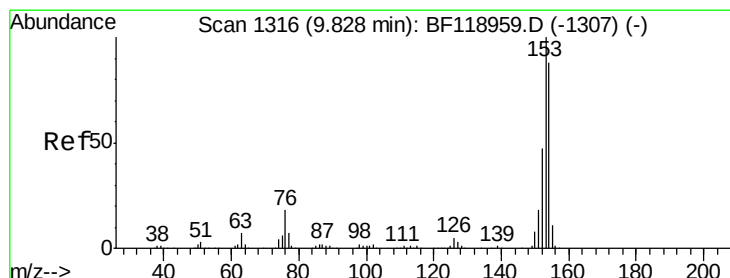
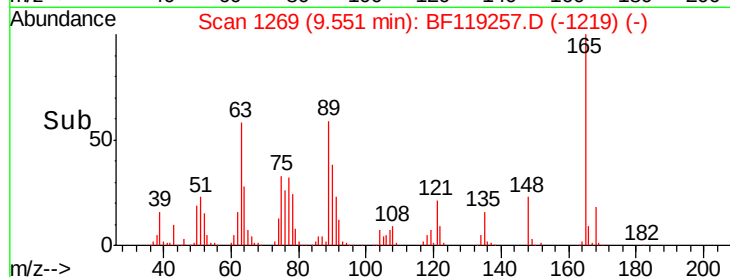
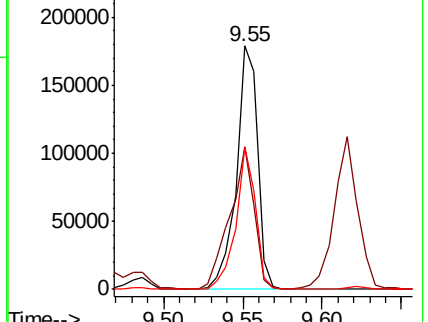
89 58.7 38.3 57.5#



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: 47.356 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

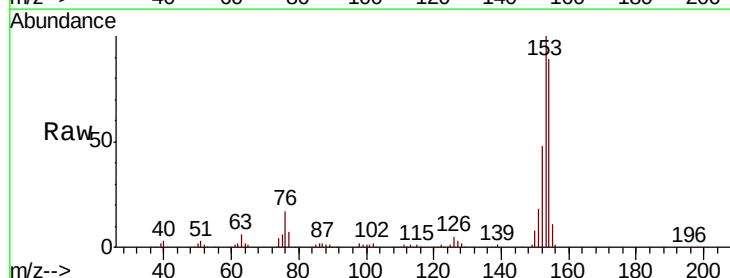
Tgt Ion:154 Resp: 552546

Ion Ratio Lower Upper

154 100

153 112.6 90.3 135.5

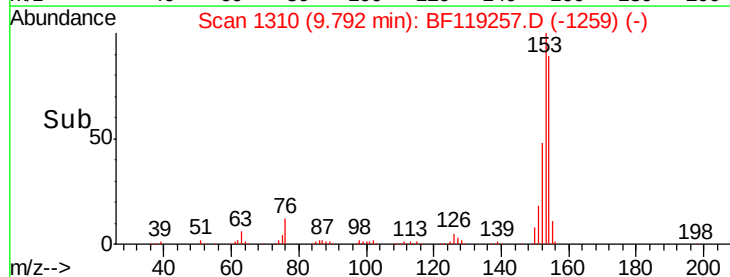
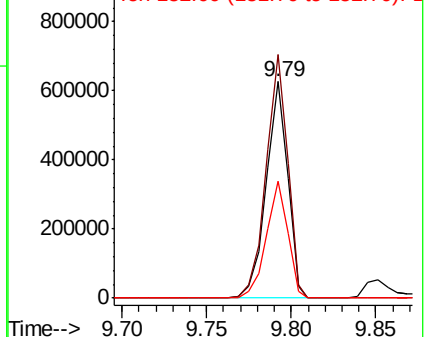
152 54.0 43.8 65.8

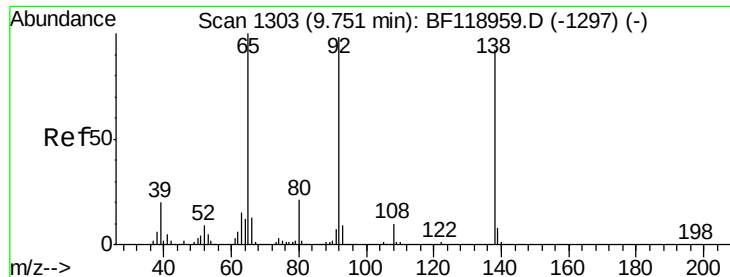


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

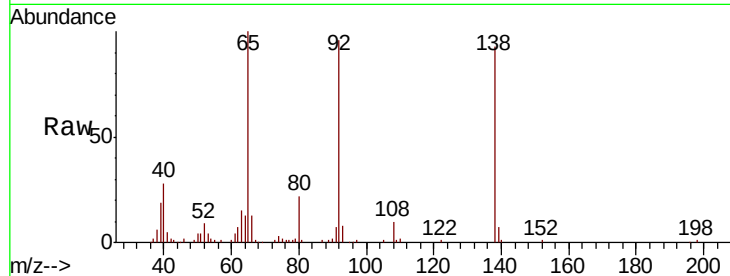




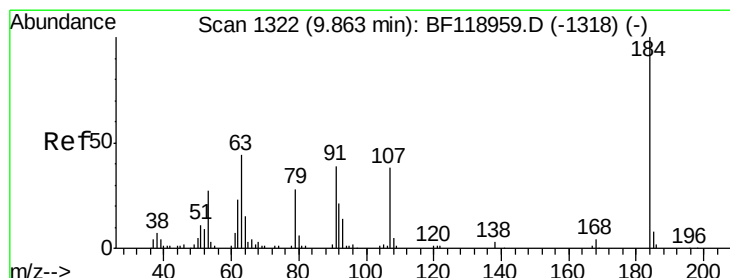
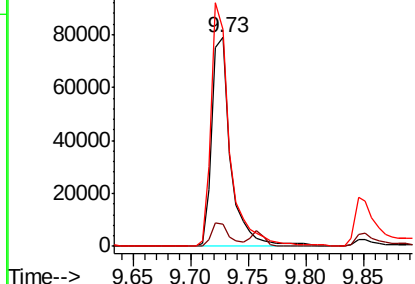
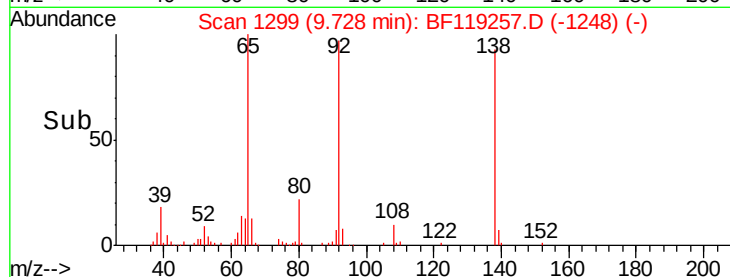
#53
3-Nitroaniline
Concen: 23.312 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 90322
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 103.6 84.8 127.2

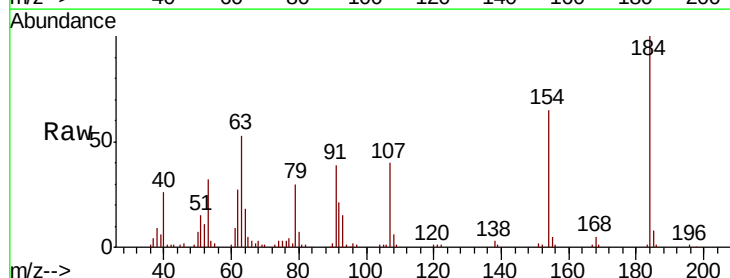


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

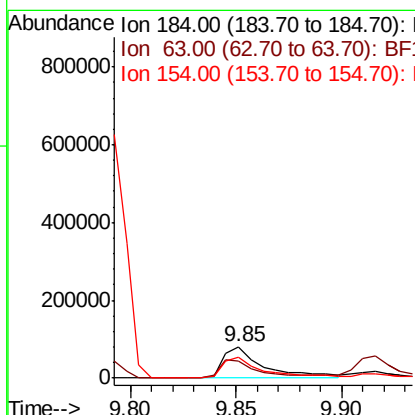
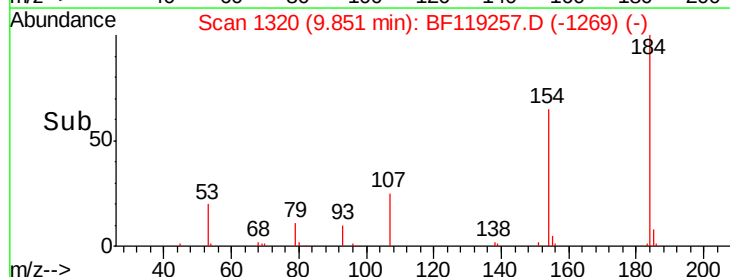


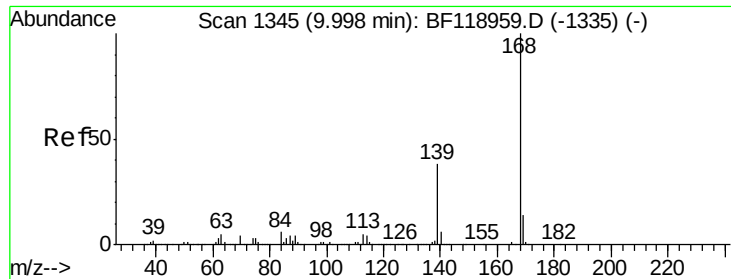
#54
2,4-Dinitrophenol
Concen: 65.050 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:184 Resp: 107874
Ion Ratio Lower Upper
184 100
63 53.0 38.7 58.1
154 65.2 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

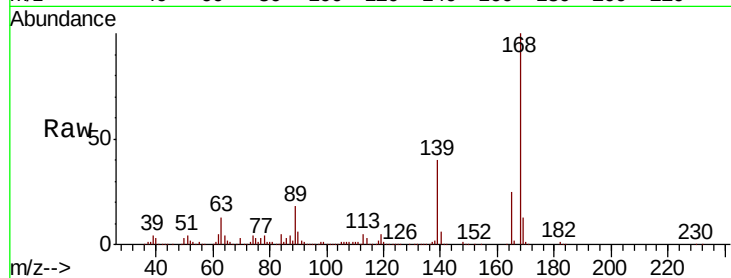




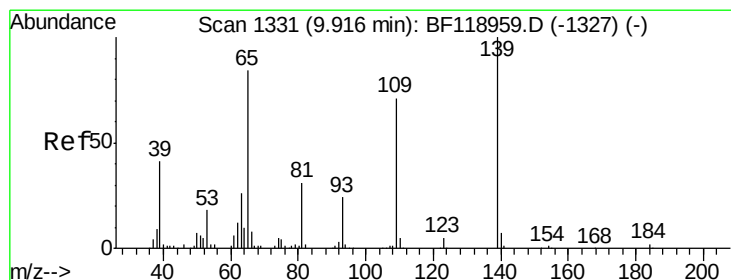
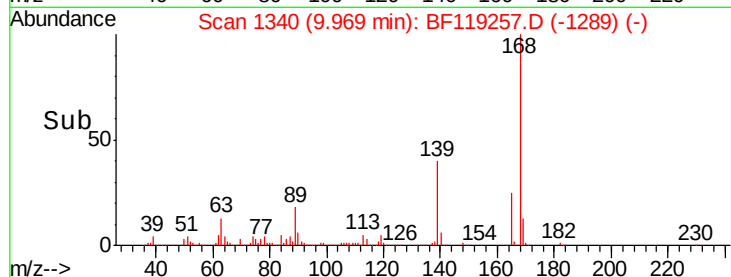
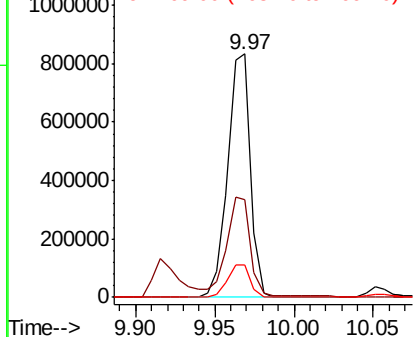
#55
Dibenzenofuran
Concen: 47.362 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 824831
Ion Ratio Lower Upper
168 100
139 40.3 34.0 51.0
169 13.3 11.0 16.4

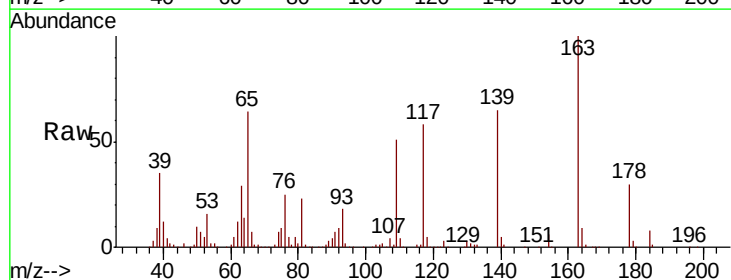


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

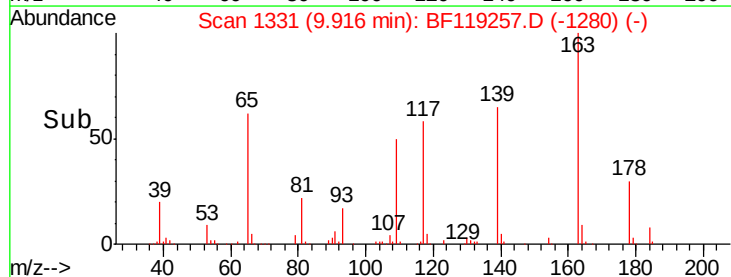
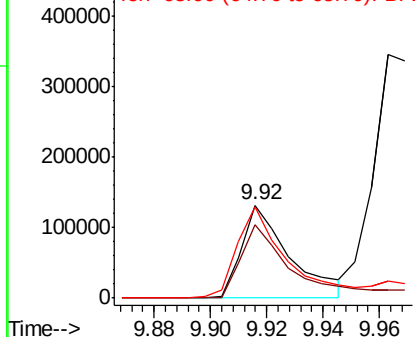


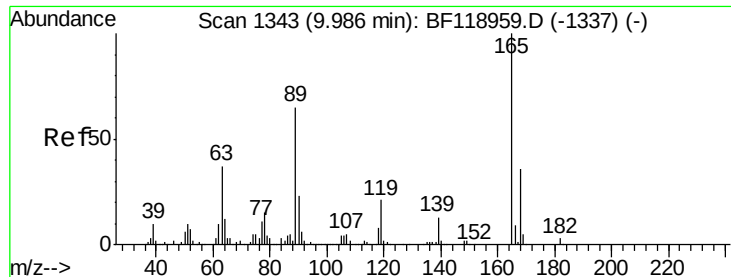
#56
4-Nitrophenol
Concen: 66.796 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:139 Resp: 155491
Ion Ratio Lower Upper
139 100
109 78.9 56.7 96.7
65 98.8 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

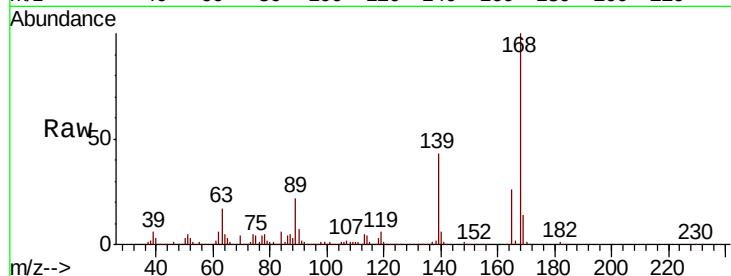




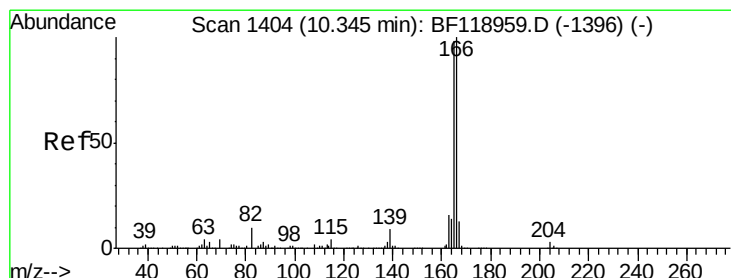
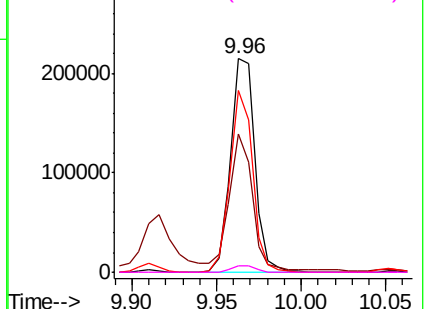
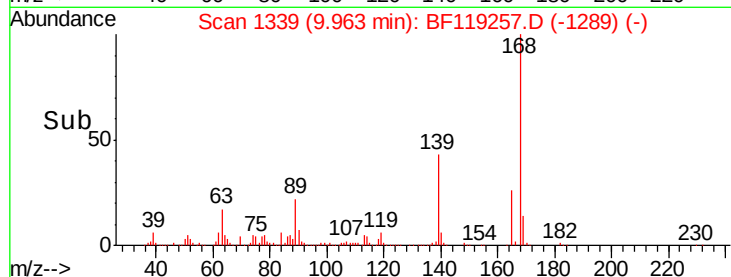
#57
 2,4-Dinitrotoluene
 Concen: 47.255 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.0	42.3	63.5#
89	84.9	60.2	90.4
182	2.9	2.3	3.5

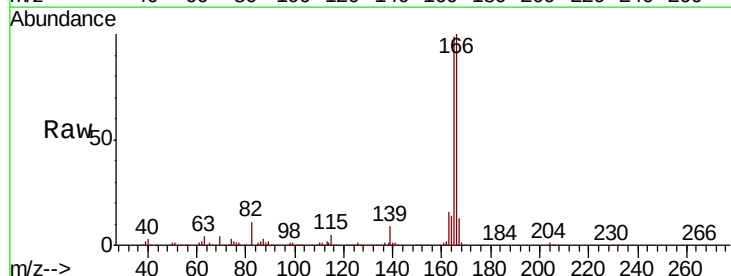


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

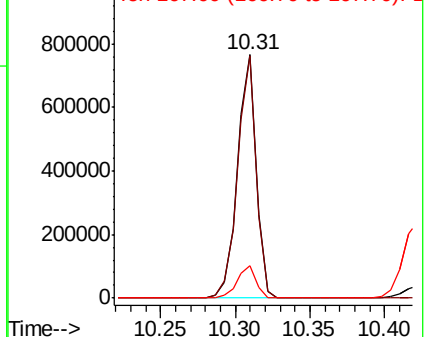
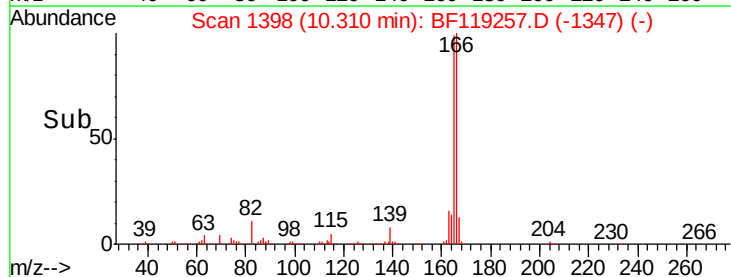


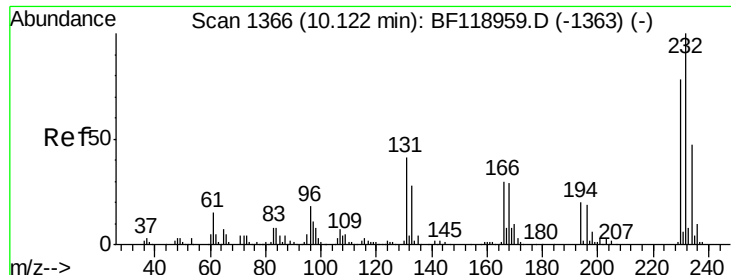
#58
 Fluorene
 Concen: 49.914 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.5	117.7
167	13.3	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

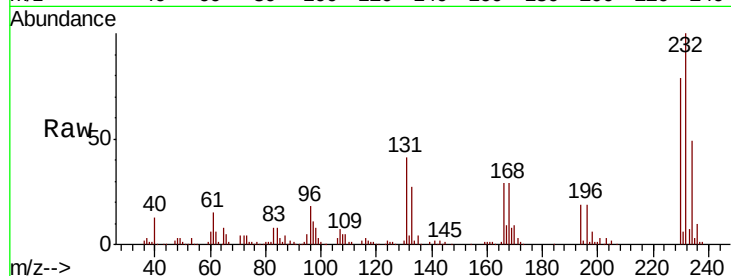




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.865 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	33.8	50.8
130	2.5	1.8	2.6
166	29.3	23.0	34.4



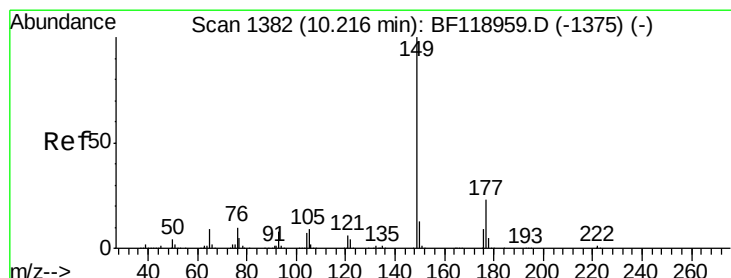
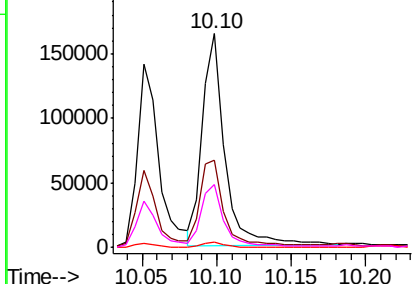
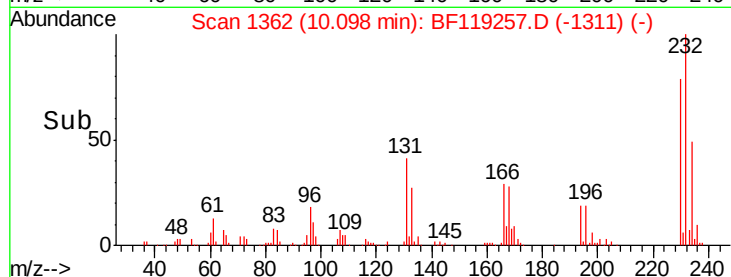
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

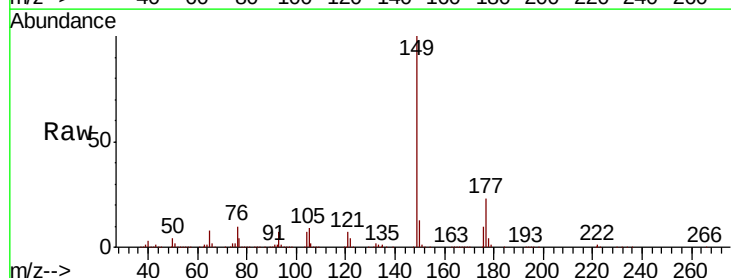
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 48.814 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.2	27.2
150	12.5	10.5	15.7

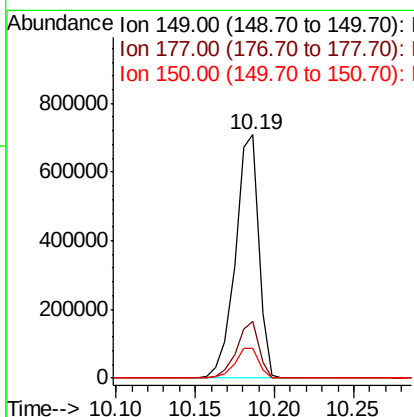
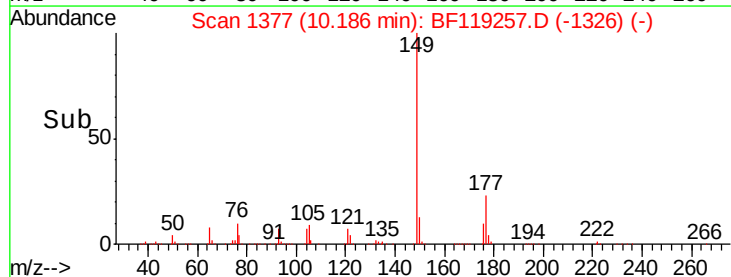


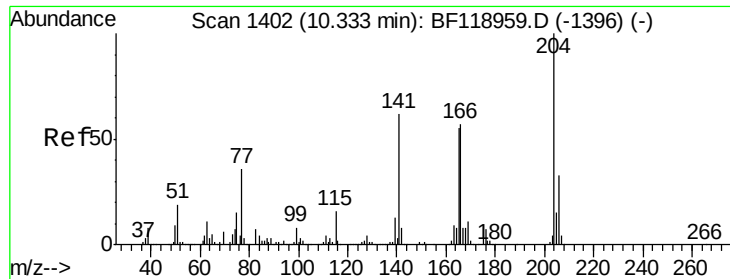
Abundance

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

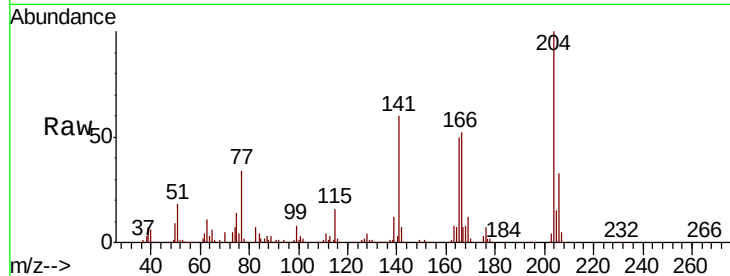




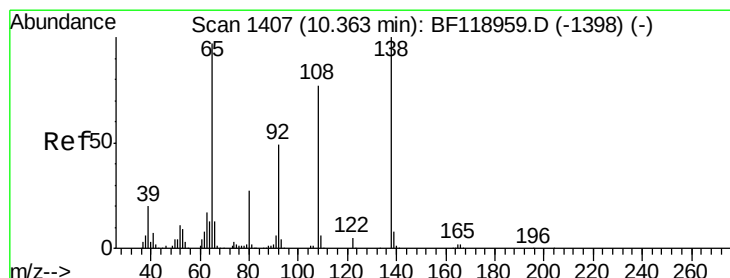
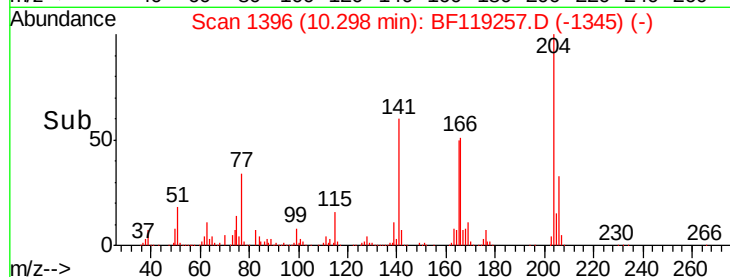
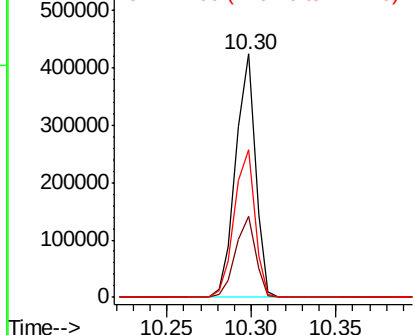
#61
4-Chlorophenyl-phenylether
Concen: 48.589 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 348054
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 60.4 52.9 79.3

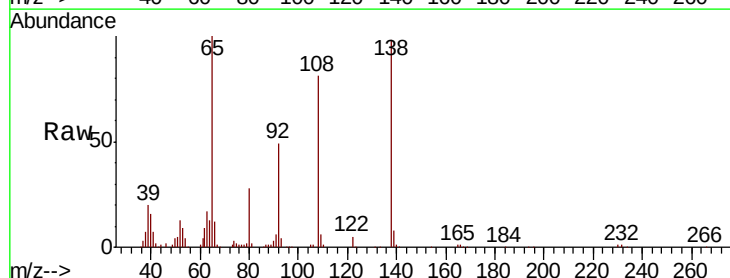


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

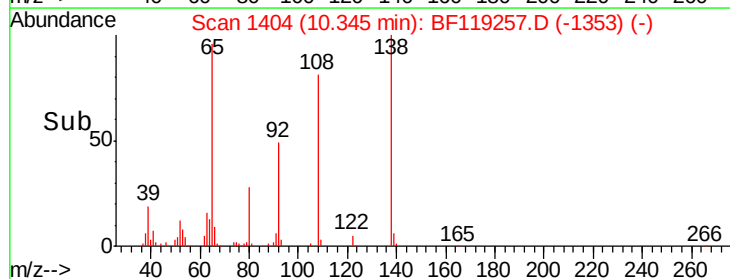
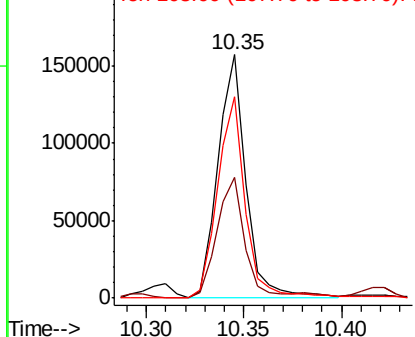


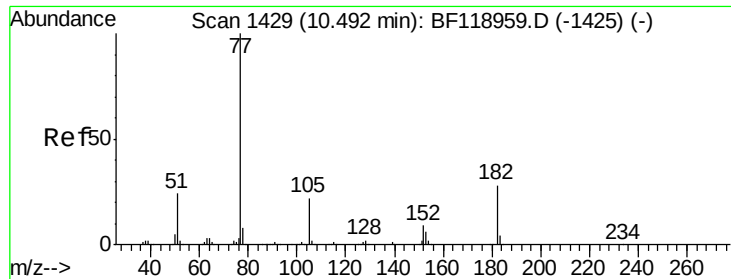
#62
4-Nitroaniline
Concen: 39.057 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:138 Resp: 154821
Ion Ratio Lower Upper
138 100
92 49.5 27.3 67.3
108 82.6 57.0 97.0



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





#63

Azobenzene

Concen: 50.413 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 649583

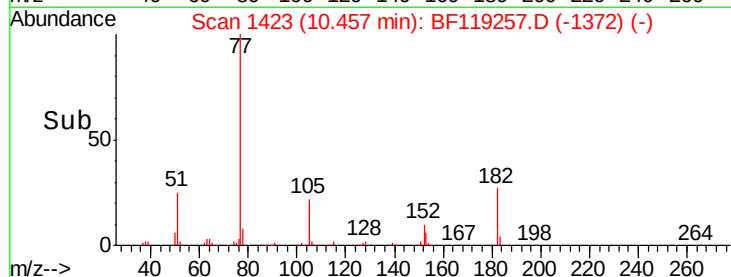
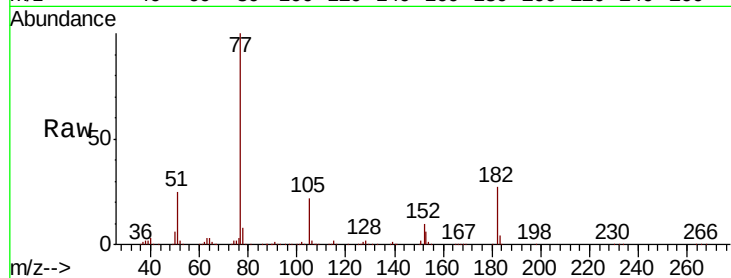
Ion Ratio Lower Upper

77 100

182 27.0 11.4 51.4

105 22.1 3.4 43.4

51 24.9 5.1 45.1

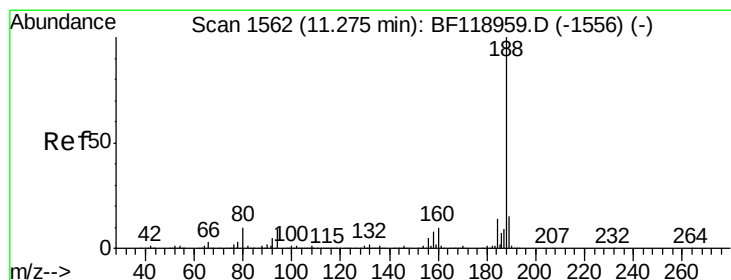
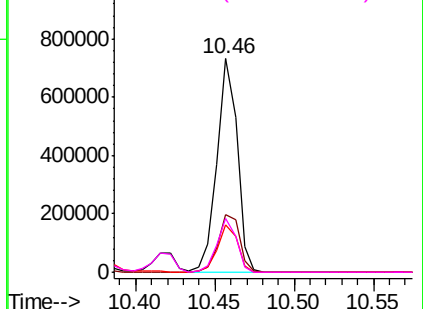


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

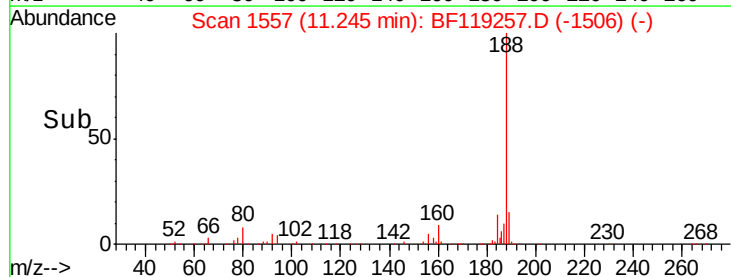
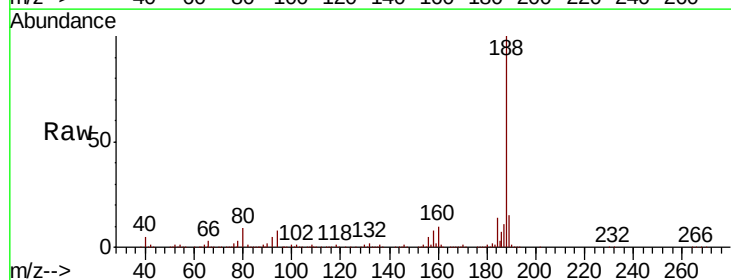
Tgt Ion: 188 Resp: 395540

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

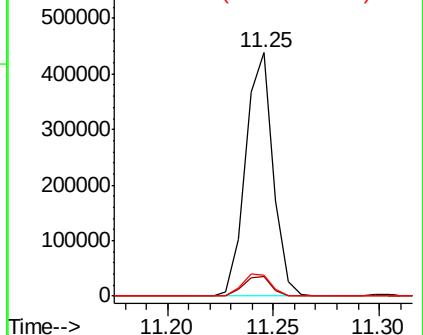
80 8.6 7.8 11.8

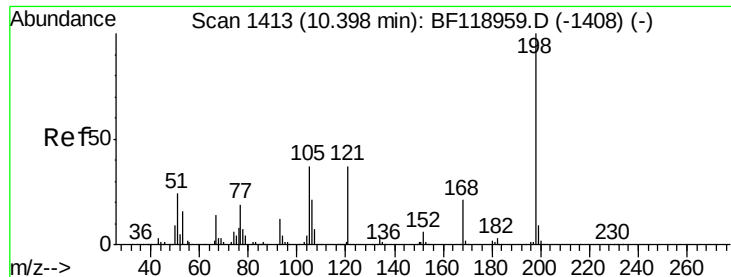


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

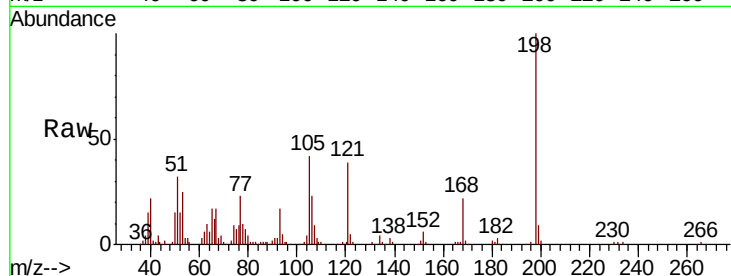




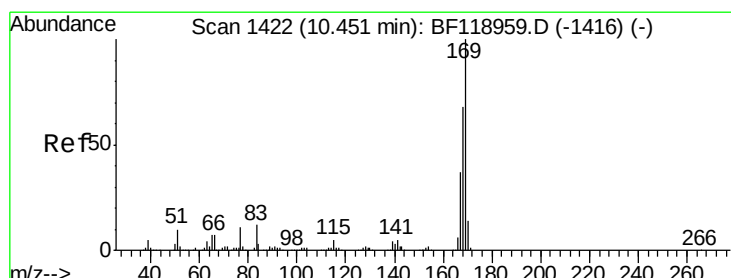
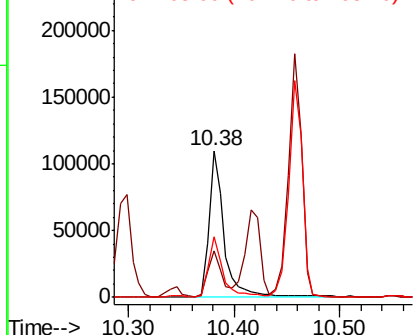
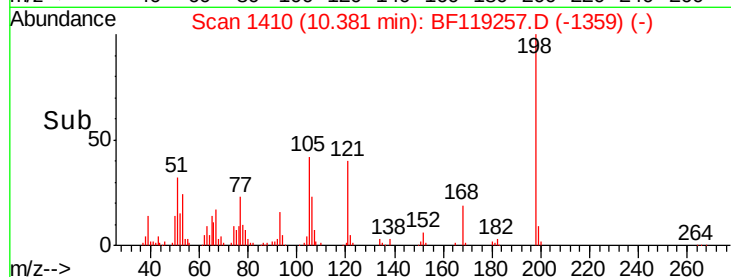
#65
4,6-Dinitro-2-methylphenol
Concen: 45.984 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 110060
Ion Ratio Lower Upper
198 100
51 32.1 14.2 54.2
105 41.7 22.7 62.7

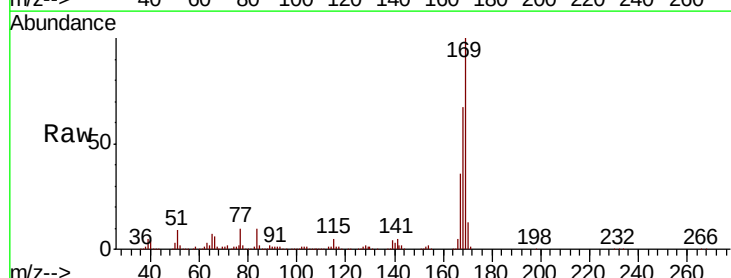


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

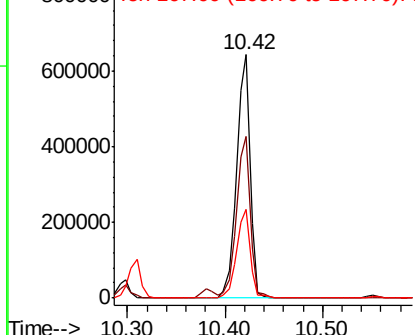
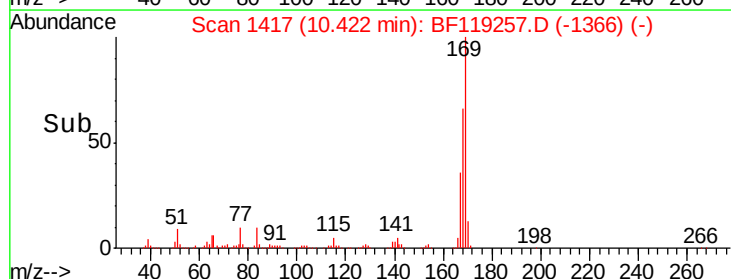


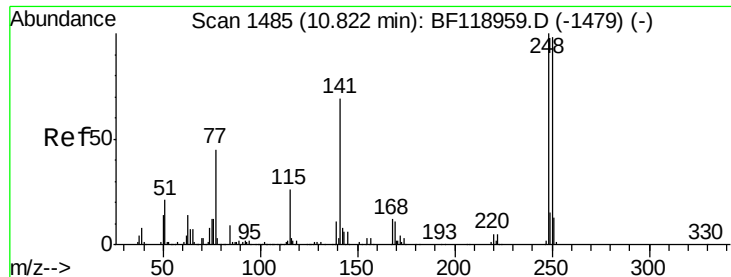
#66
n-Nitrosodiphenylamine
Concen: 47.741 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:169 Resp: 618317
Ion Ratio Lower Upper
169 100
168 66.6 54.1 81.1
167 36.5 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

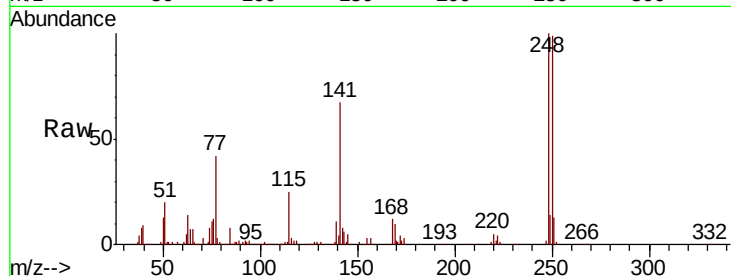




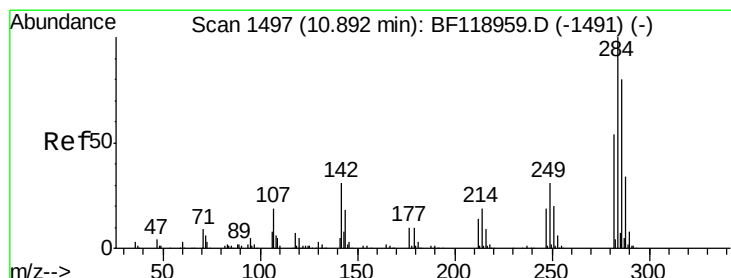
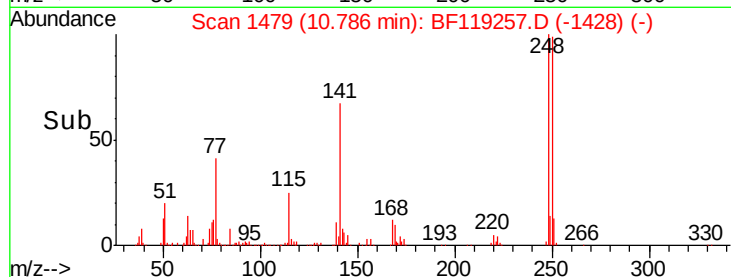
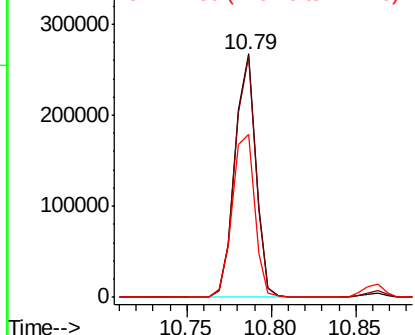
#67
4-Bromophenyl-phenylether
Concen: 44.612 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 230654
Ion Ratio Lower Upper
248 100
250 98.9 76.7 115.1
141 66.8 60.7 91.1

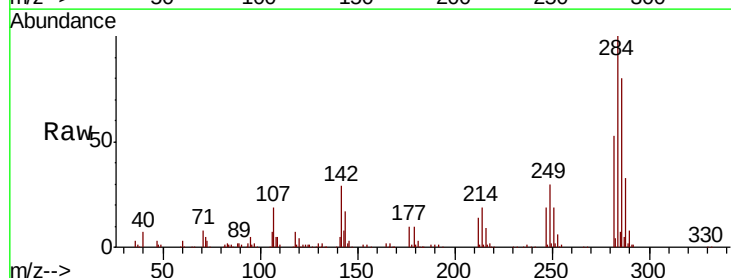


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

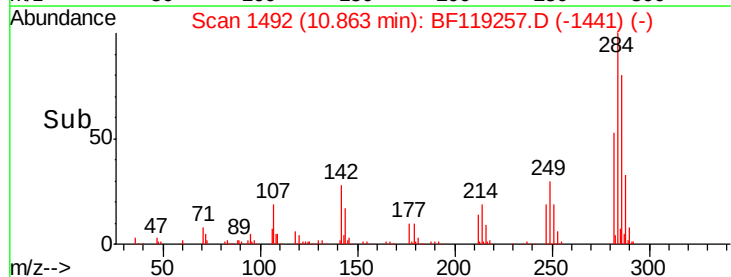
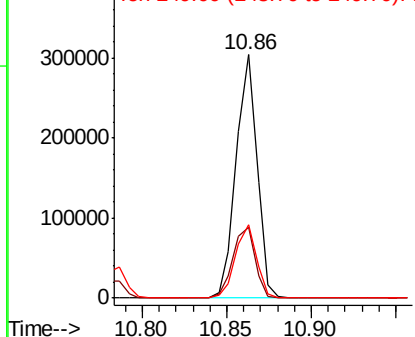


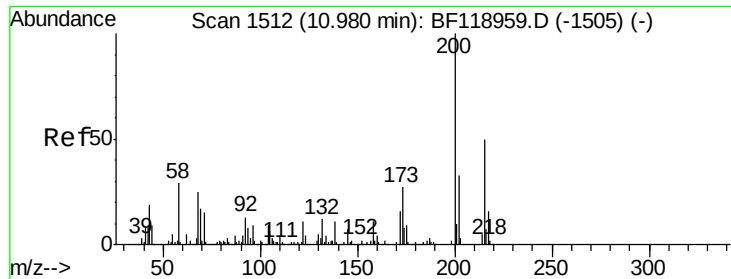
#68
Hexachlorobenzene
Concen: 44.168 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:284 Resp: 263285
Ion Ratio Lower Upper
284 100
142 29.1 23.7 35.5
249 30.3 25.0 37.6



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

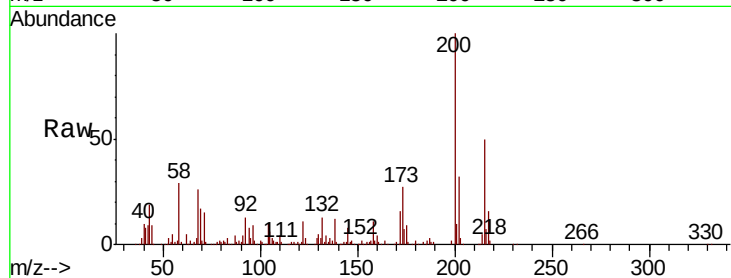




#69
Atrazine
Concen: 45.361 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.4	46.4
215	50.0	27.4	67.4

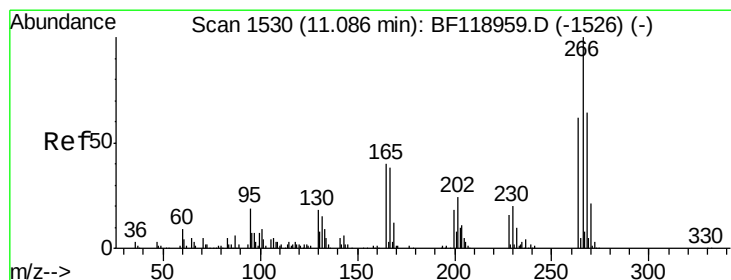
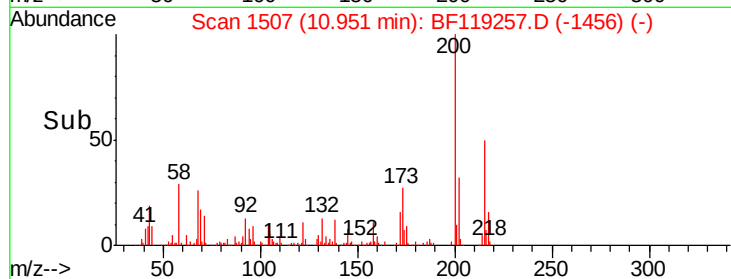
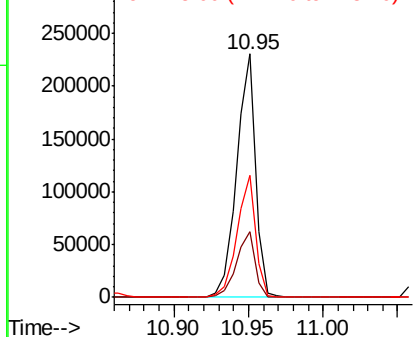


Abundance

Ion 200.00 (199.70 to 200.70): E

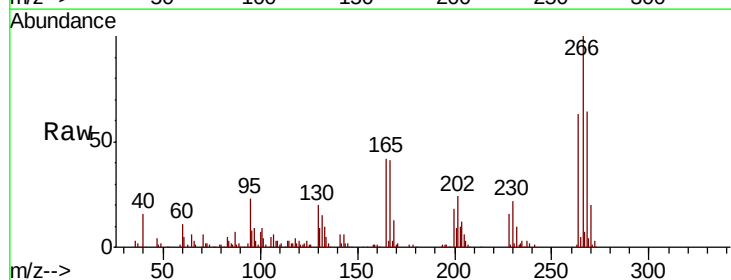
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 71.600 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.9	77.9
264	63.4	51.0	76.4

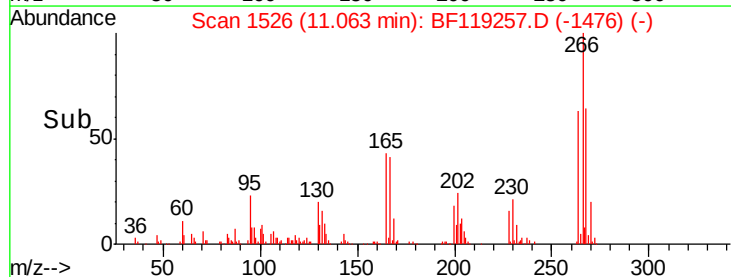
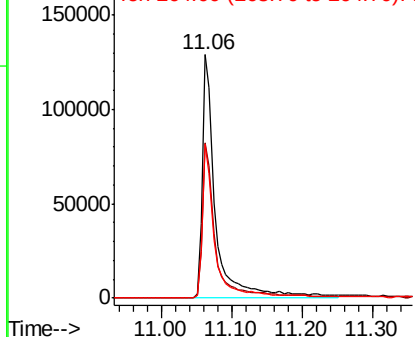


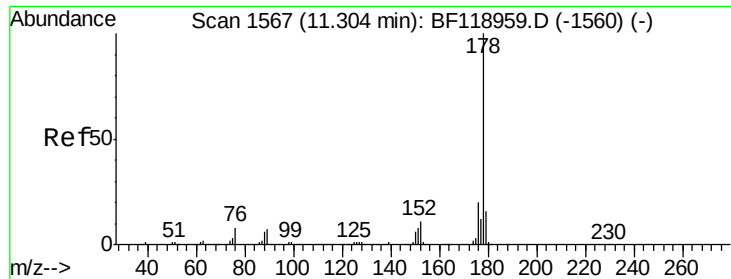
Abundance

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

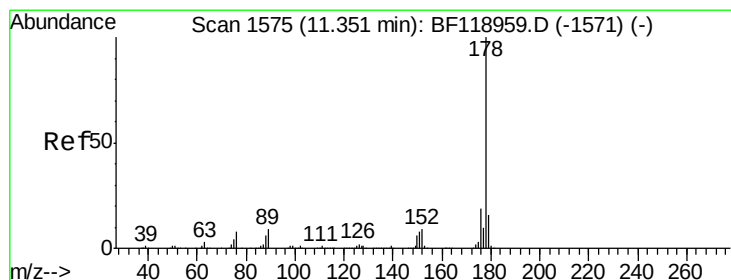
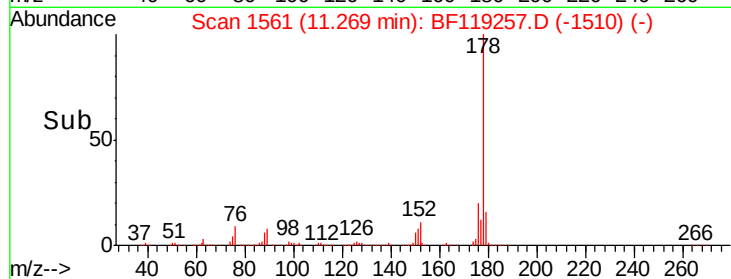
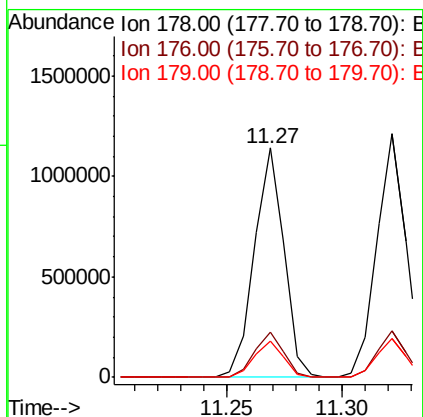
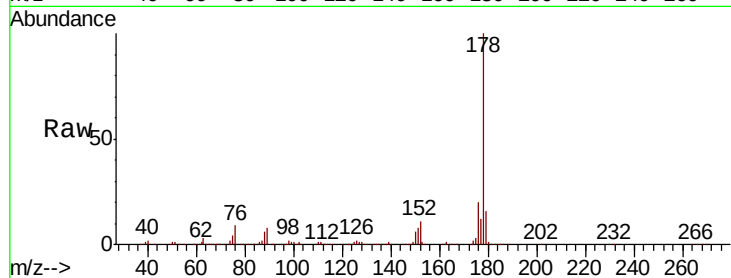




#71
Phenanthrene
Concen: 47.566 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

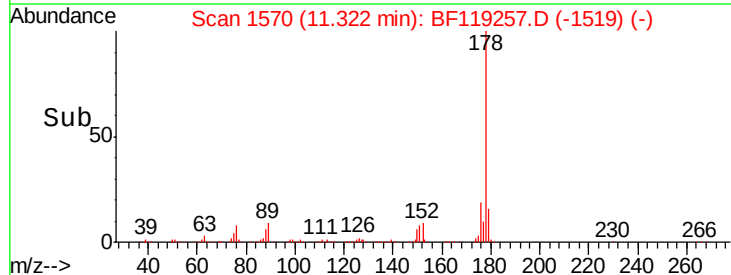
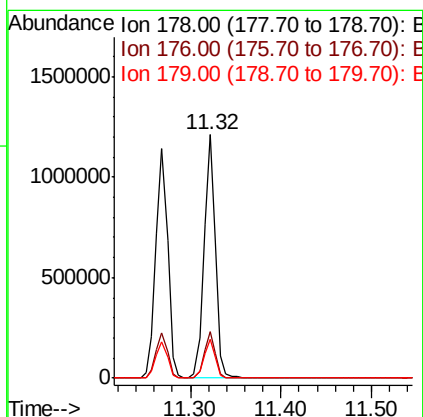
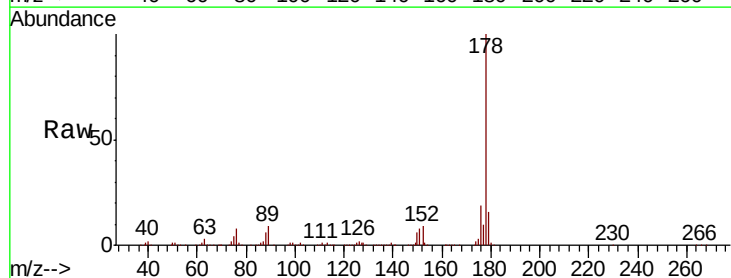
Instrument :
BNA_F
ClientSampleId :

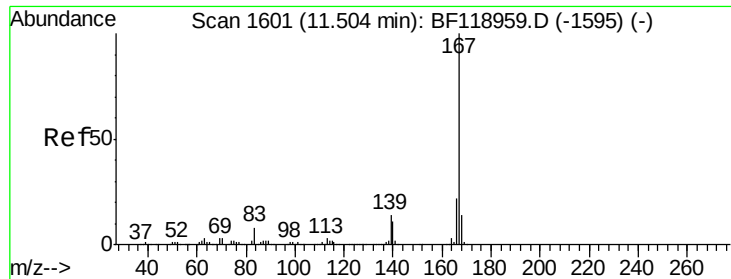
Tot Ion:178 Resp: 1026048
Ion Ratio Lower Upper
178 100
176 19.6 16.5 24.7
179 15.7 13.0 19.6



#72
Anthracene
Concen: 49.888 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:178 Resp: 1075231
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.8 13.1 19.7

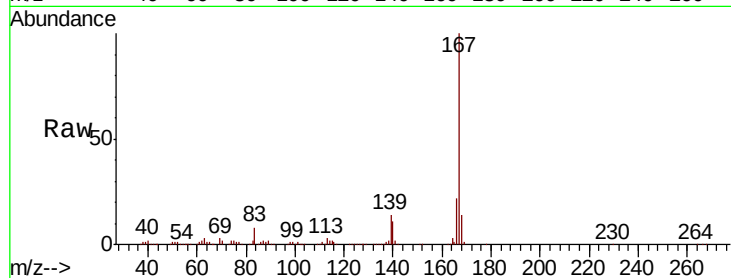




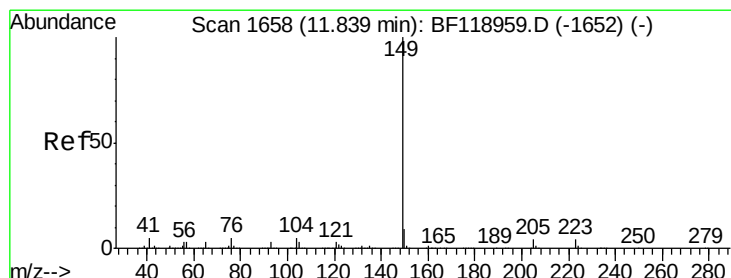
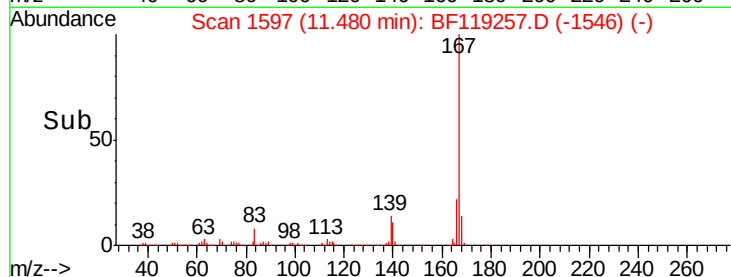
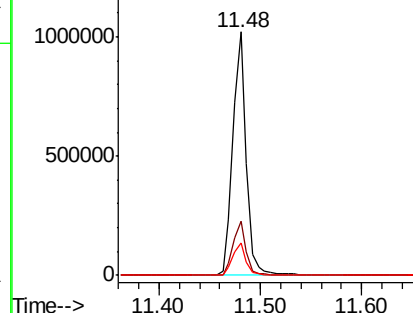
#73
 Carbazole
 Concen: 48.851 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.5	11.7	17.5

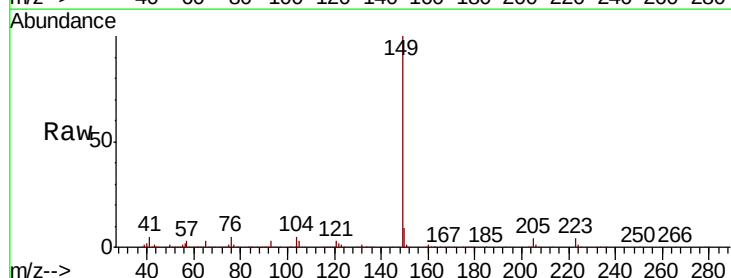


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

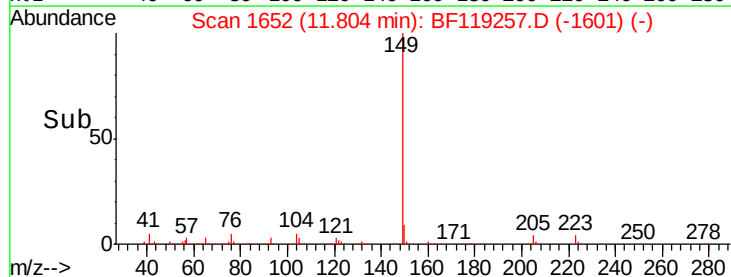
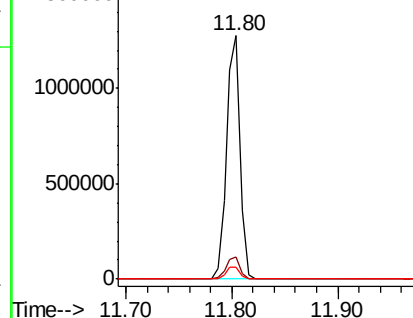


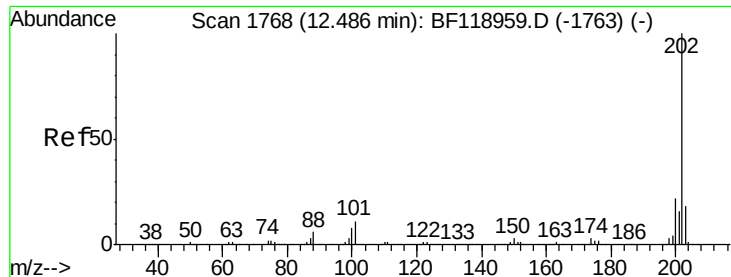
#74
 Di-n-butylphthalate
 Concen: 49.181 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119257.D
 Acq: 6 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.0	4.6	6.8



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





#75

Fluoranthene

Concen: 48.904 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

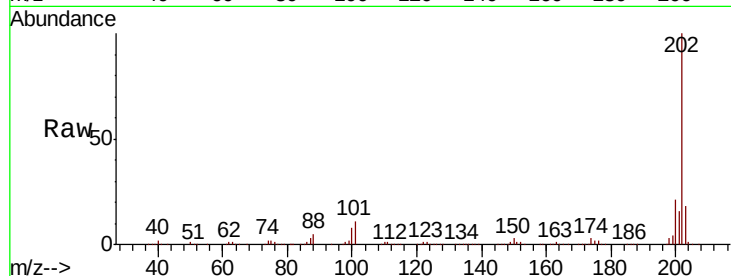
Tot Ion:202 Resp: 1119735

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.3

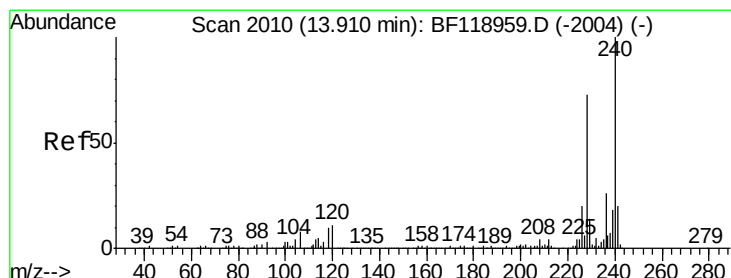
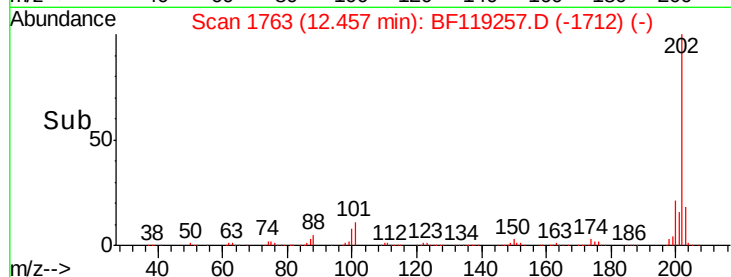
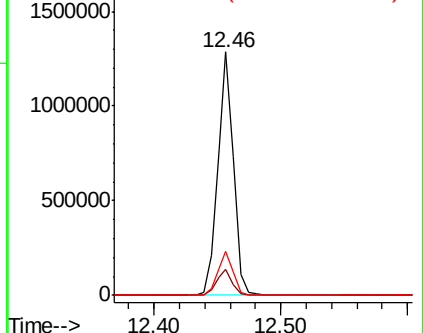
203 18.0 0.0 38.4



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. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

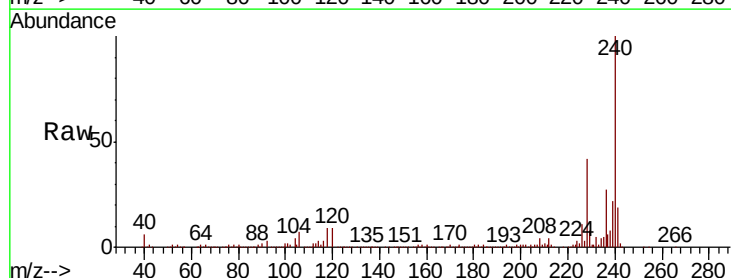
Tgt Ion:240 Resp: 301006

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

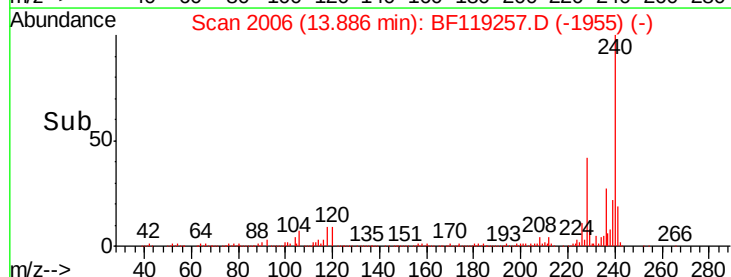
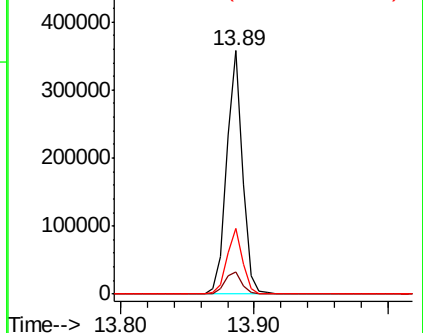
236 26.9 21.0 31.4

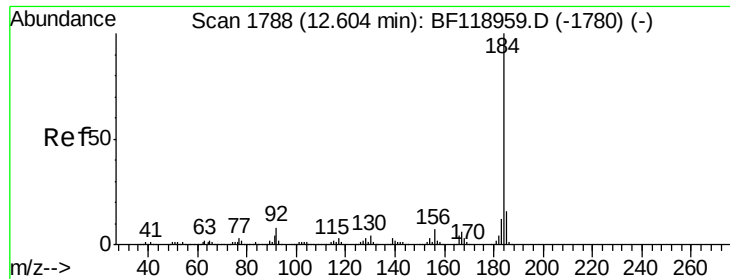


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.901 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

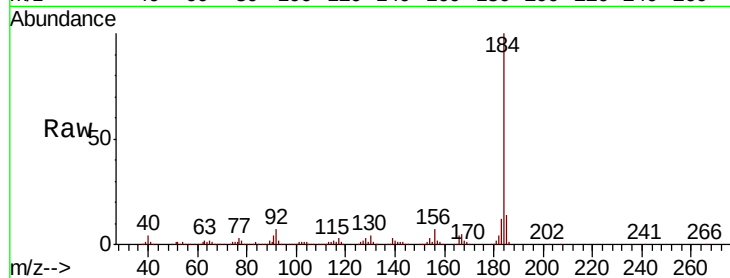
Tot Ion:184 Resp: 525177

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.4

183 11.9 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

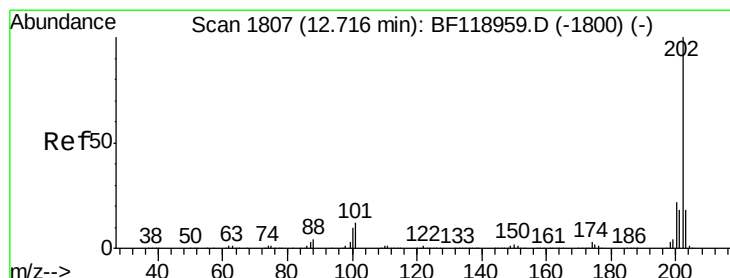
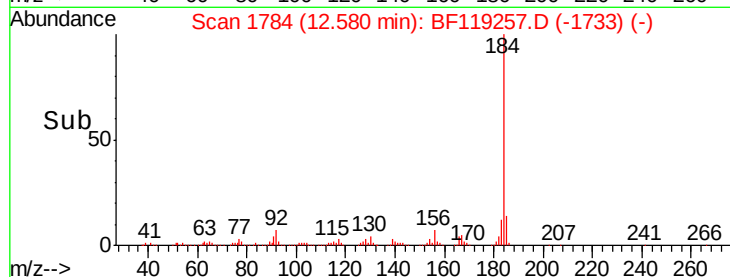
12.58

400000

200000

0

Time-->



#78

Pyrene

Concen: 46.966 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

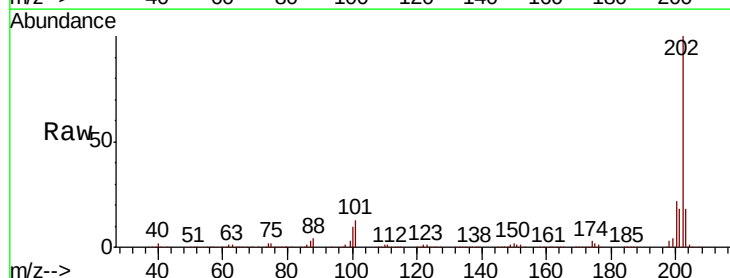
Tgt Ion:202 Resp: 1135179

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

203 17.9 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

12.69

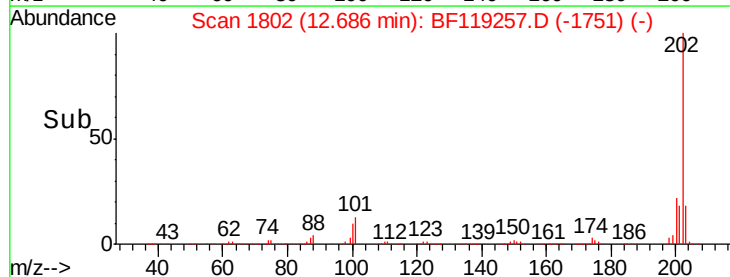
1500000

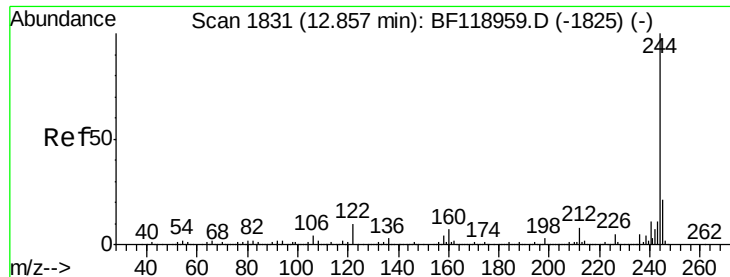
1000000

500000

0

Time-->





#79

Terphenyl-d14

Concen: 78.612 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

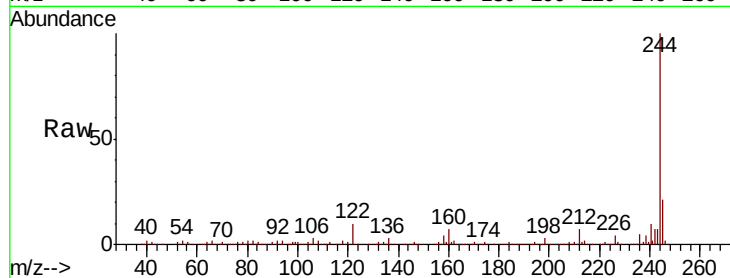
Tot Ion:244 Resp: 1374392

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

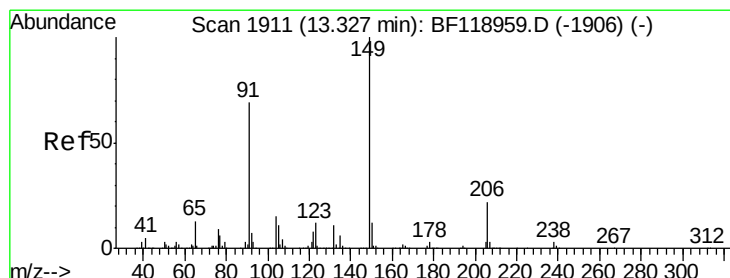
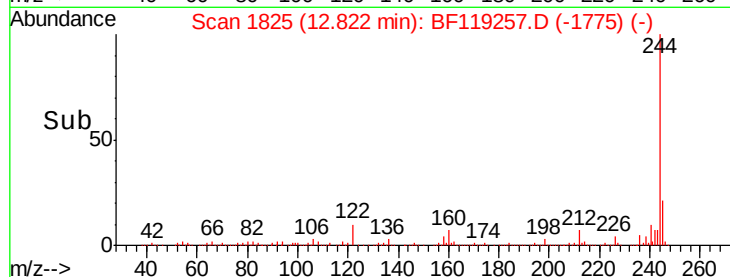
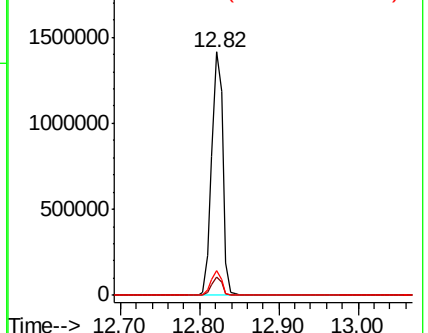
122 10.3 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.257 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

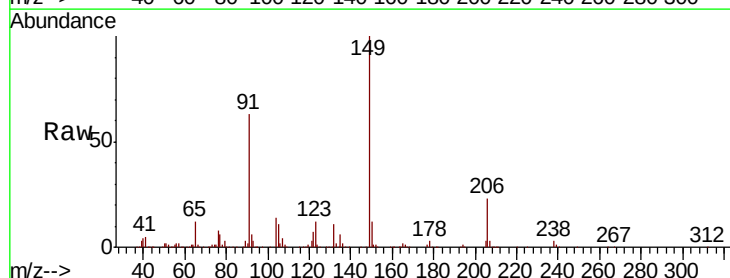
Tgt Ion:149 Resp: 490905

Ion Ratio Lower Upper

149 100

91 63.4 52.3 78.5

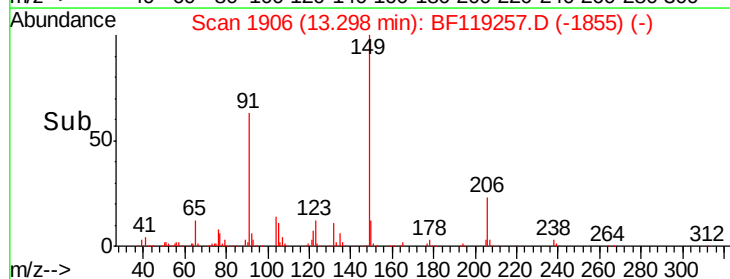
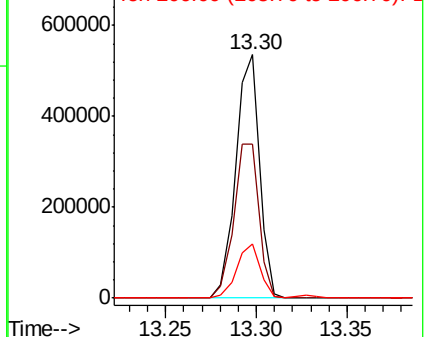
206 22.5 18.5 27.7

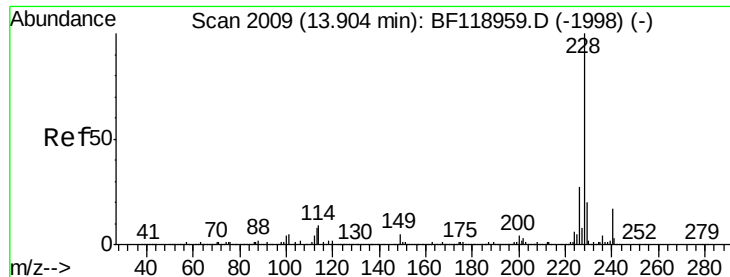


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.268 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119257.D

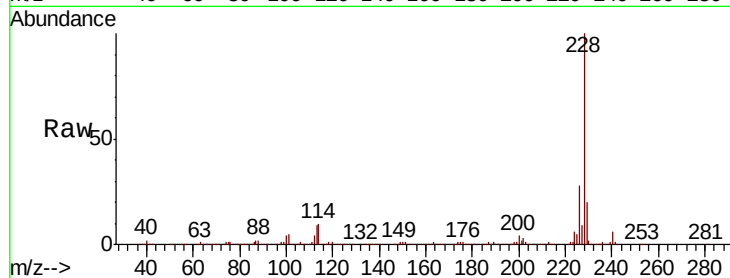
Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

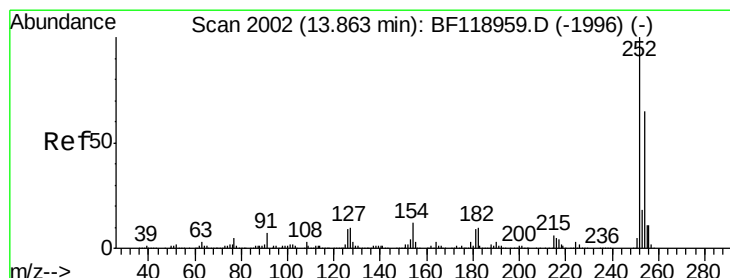
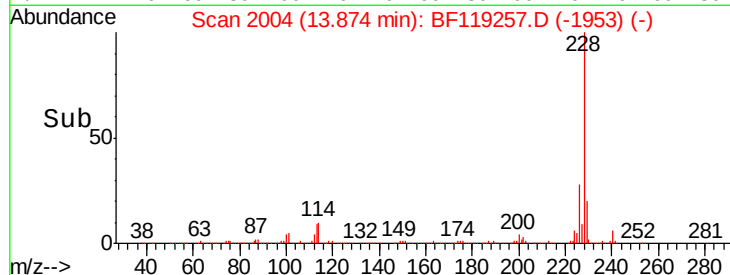
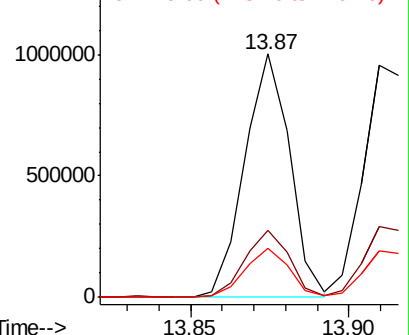
Tot Ion:	228	Resp:	989943
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	16.6	24.8



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: 32.267 ng

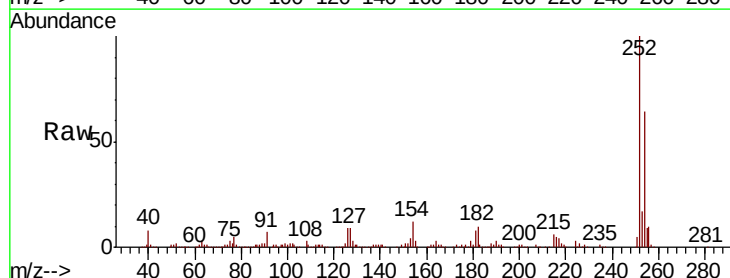
RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

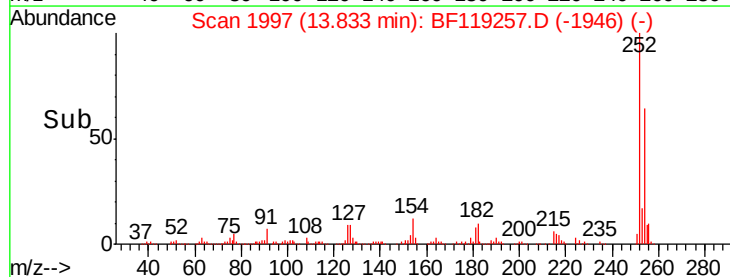
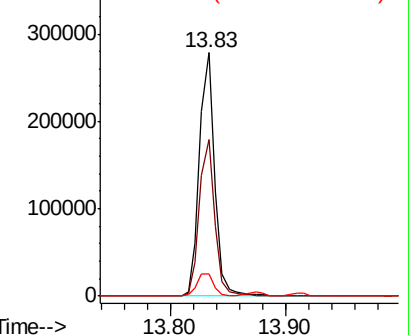
Tgt Ion:	252	Resp:	256973
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.6	77.4
126	9.1	7.4	11.0

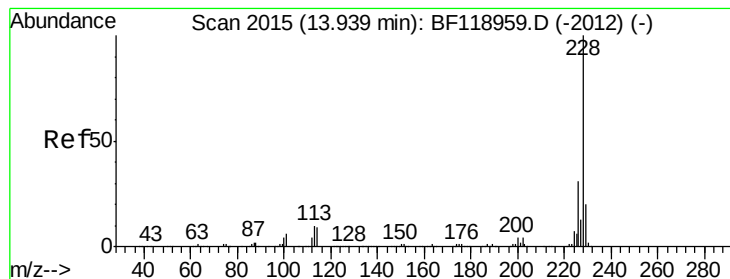


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.400 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampleId :

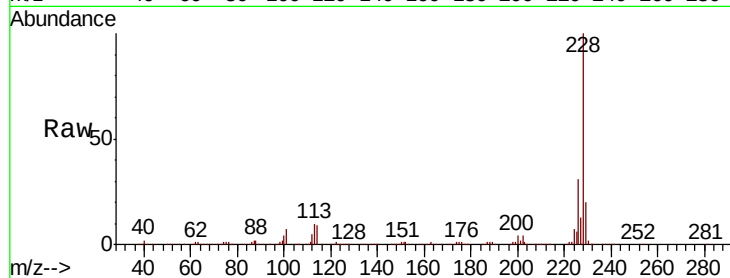
Tot Ion:228 Resp: 968676

Ion Ratio Lower Upper

228 100

226 30.7 25.1 37.7

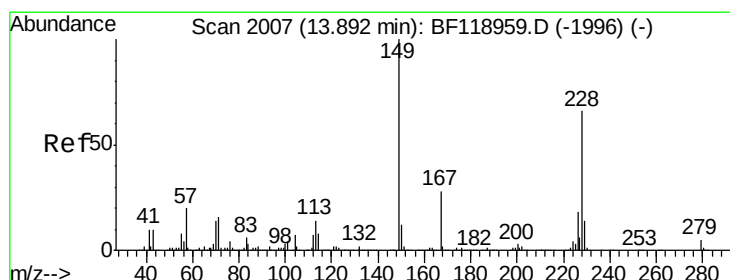
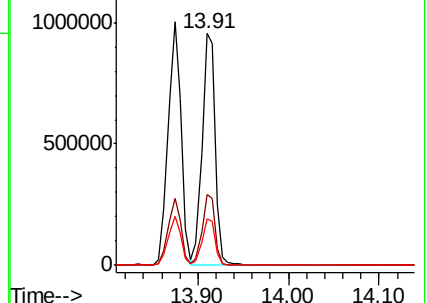
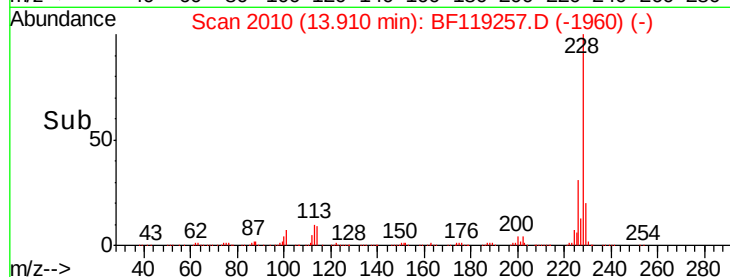
229 20.3 16.3 24.5



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: 52.790 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

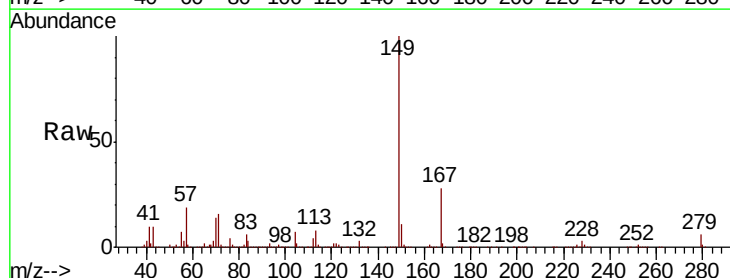
Tgt Ion:149 Resp: 678441

Ion Ratio Lower Upper

149 100

167 28.3 22.8 34.2

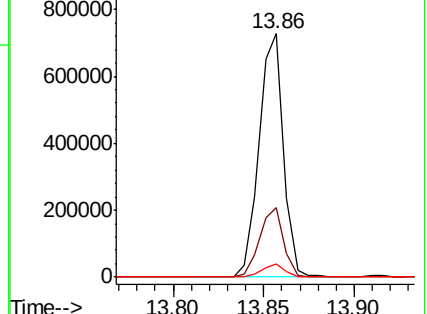
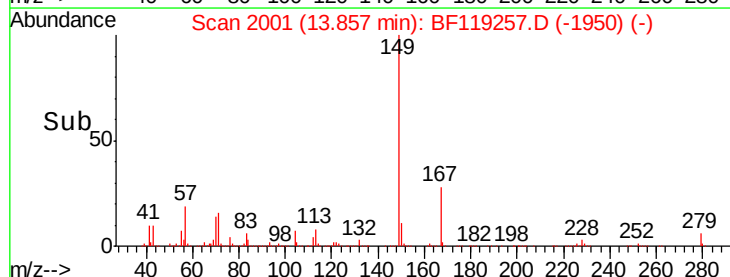
279 5.6 4.6 6.8

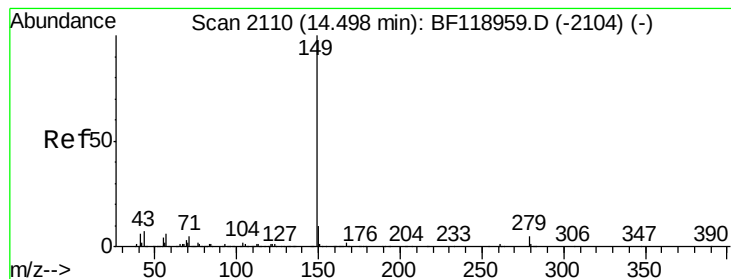


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.096 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

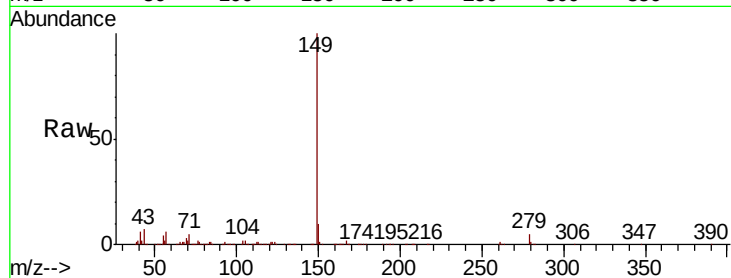
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1087231

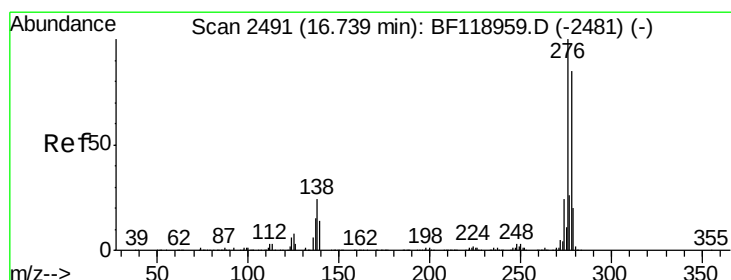
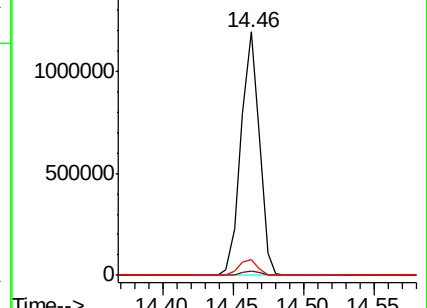
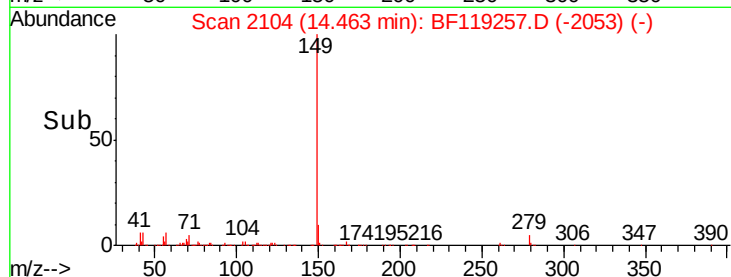
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.5	5.7	8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.881 ng

RT: 16.72 min Scan# 2488

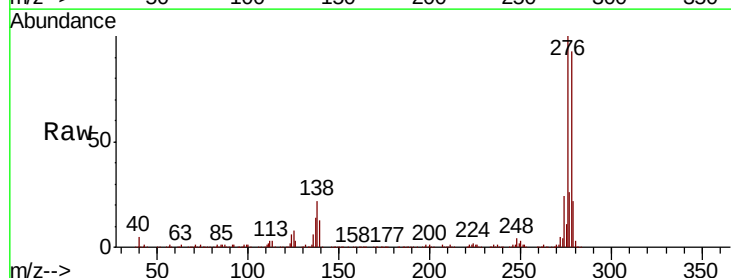
Delta R.T. 0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Tgt Ion:276 Resp: 947461

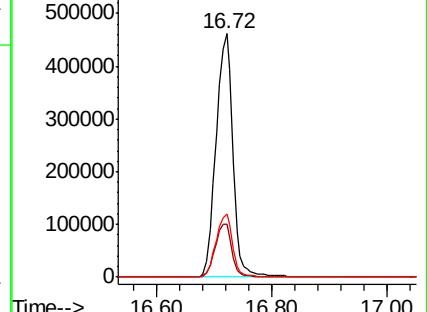
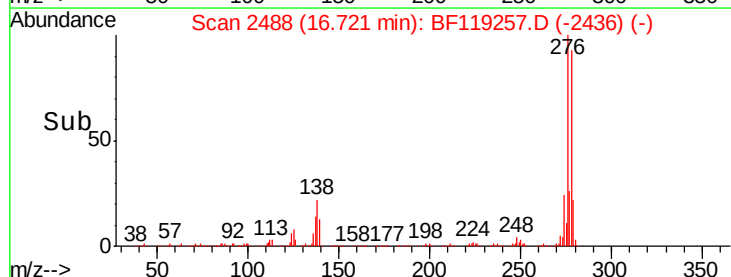
Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.4	26.0
277	25.6	20.3	30.5

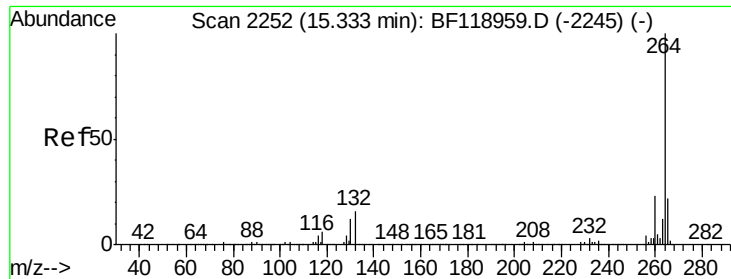


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



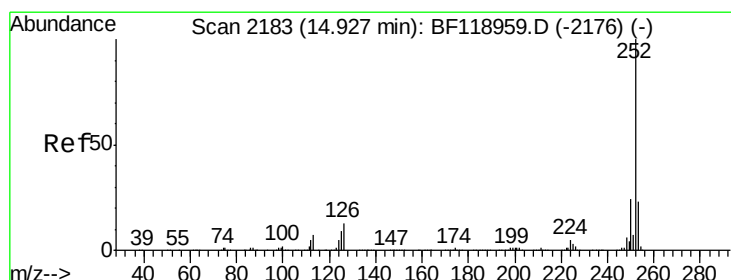
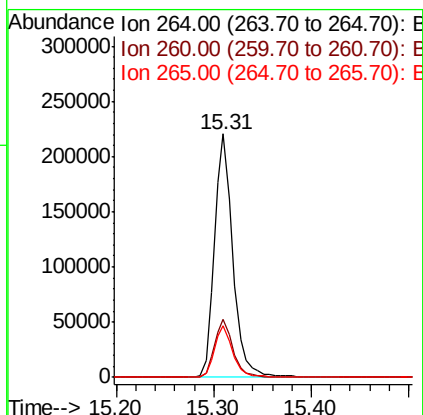
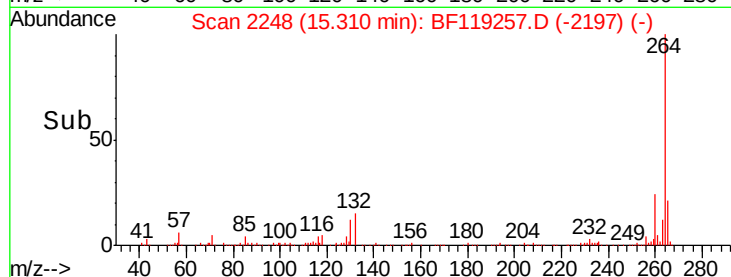
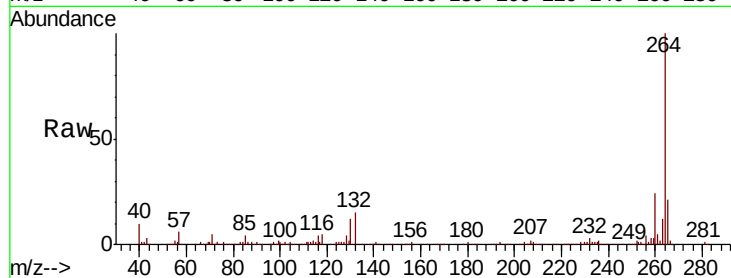


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 287863

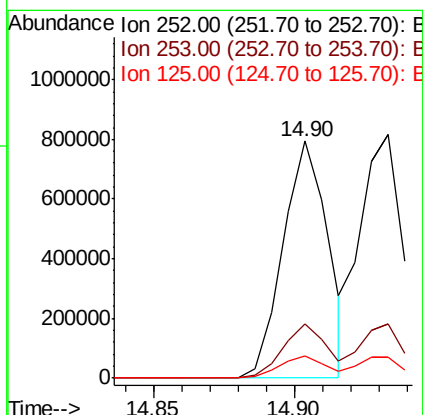
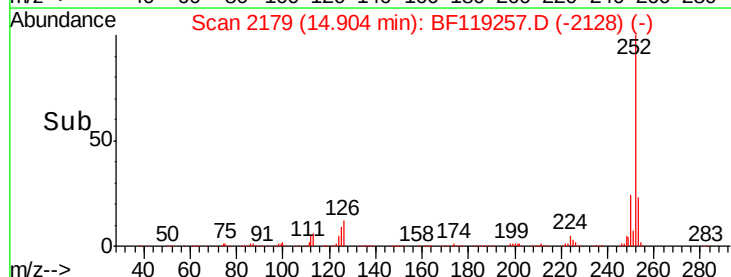
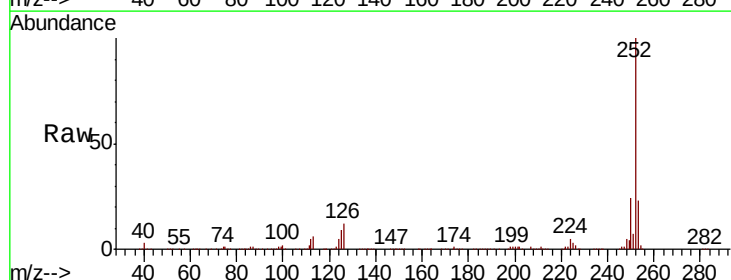
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	20.9	17.7	26.5

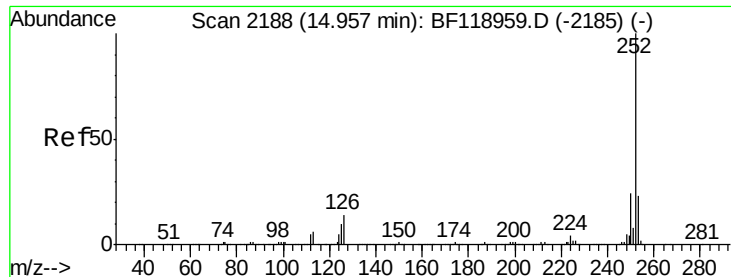


#88
Benzo(b)fluoranthene
Concen: 46.165 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:252 Resp: 875951

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.2	7.4	11.0

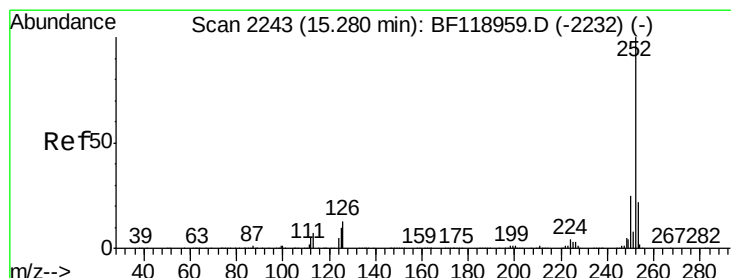
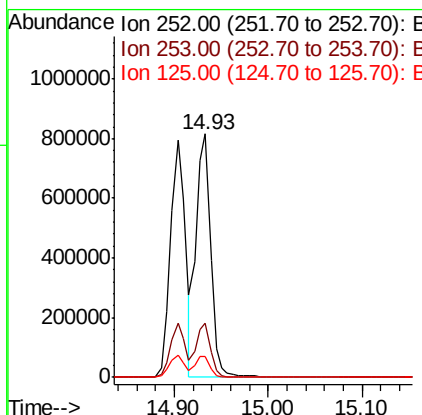
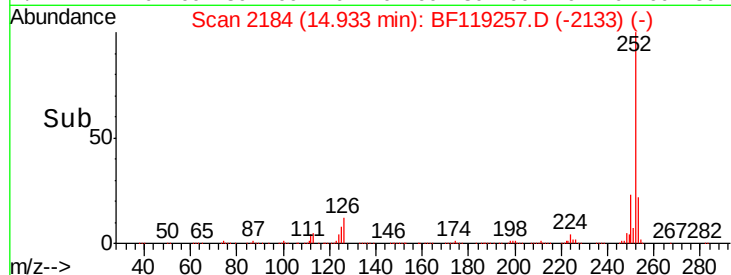
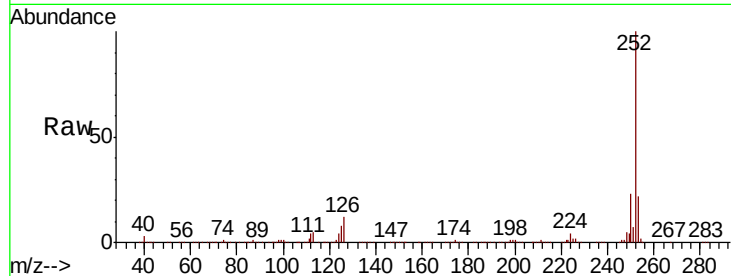




#89
Benzo(k)fluoranthene
Concen: 50.294 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

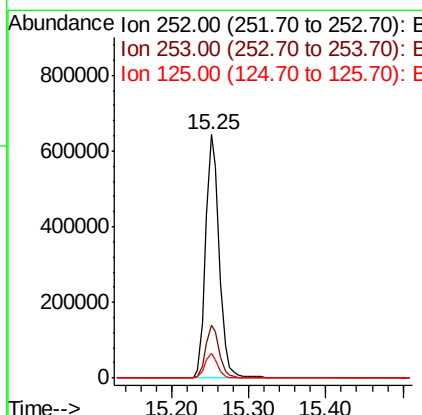
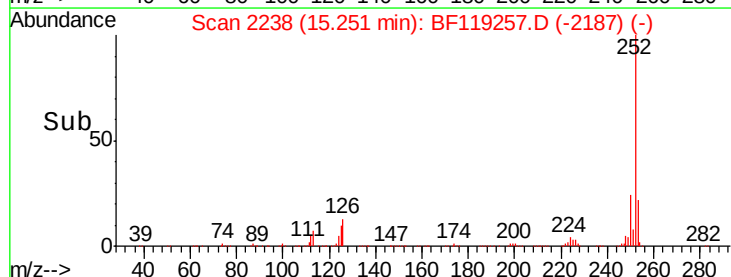
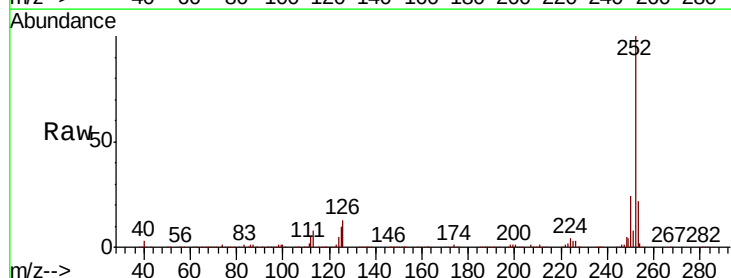
Instrument :
BNA_F
ClientSampleId :

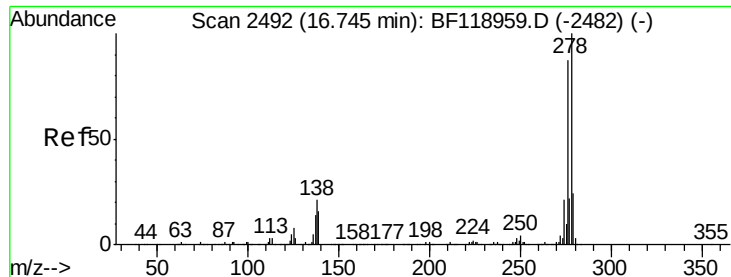
Tot Ion:252 Resp: 884373
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.775 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF119257.D
Acq: 6 Mar 2020 18:43

Tgt Ion:252 Resp: 783893
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.3 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 52.669 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

Instrument :

BNA_F

ClientSampled :

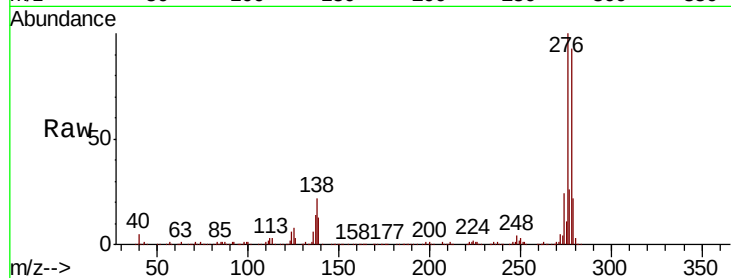
Tot Ion:278 Resp: 793605

Ion Ratio Lower Upper

278 100

139 13.5 11.0 16.4

279 23.7 18.6 28.0

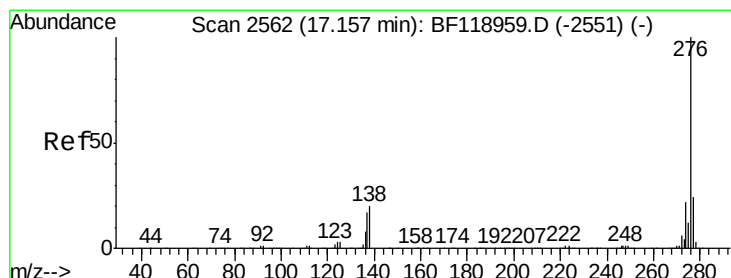
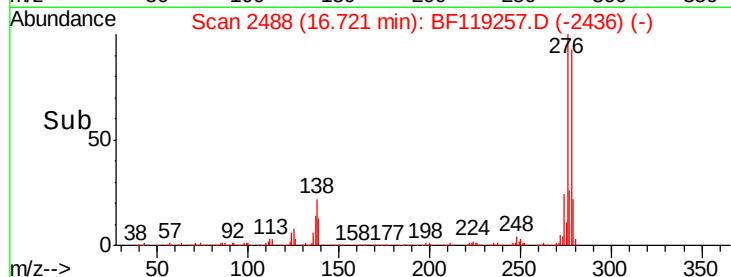
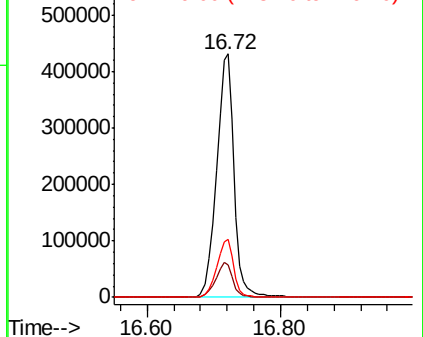


Abundance

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: 54.557 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF119257.D

Acq: 6 Mar 2020 18:43

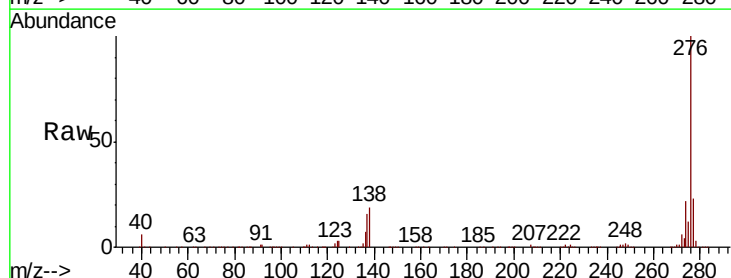
Tgt Ion:276 Resp: 812228

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.9 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

