

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118726.D
 Acq On : 29 Jan 2020 12:46
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:07:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	322085	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1170189	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	648624	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1183844	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	862408	20.00	ng	-0.01
87) Perylene-d12	15.47	264	852414	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1427088	82.29	ng	-0.01
7) Phenol-d6	6.48	99	1784594	79.17	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1634143	78.11	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	646272	86.14	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3063067	77.62	ng	-0.01
79) Terphenyl-d14	12.96	244	3490653	88.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	318594	37.930	ng	99
3) Pyridine	3.36	79	896521	37.869	ng	99
4) n-Nitrosodimethylamine	3.30	42	329693	32.483	ng	99
6) Aniline	6.52	93	1168508	39.370	ng	99
8) 2-Chlorophenol	6.64	128	798689	41.032	ng	97
9) Benzaldehyde	6.40	77	513542	37.463	ng	98
10) Phenol	6.50	94	1002552	39.029	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	746145	39.151	ng	99
12) 1,3-Dichlorobenzene	6.79	146	947255	41.577	ng	98
13) 1,4-Dichlorobenzene	6.87	146	942917	41.229	ng	98
14) 1,2-Dichlorobenzene	7.03	146	866239	40.292	ng	97
15) Benzyl Alcohol	6.99	79	699445	39.130	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	919166	34.626	ng	99
17) 2-Methylphenol	7.10	107	656799	40.508	ng	99
18) Hexachloroethane	7.37	117	334736	40.364	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	529143	34.767	ng	98
20) 3+4-Methylphenols	7.26	107	779488	39.376	ng	91
22) Acetophenone	7.26	105	1059062	38.205	ng	# 97
24) Nitrobenzene	7.43	77	818171	38.194	ng	98
25) Isophorone	7.67	82	1440386	37.747	ng	99
26) 2-Nitrophenol	7.75	139	434573	47.572	ng	96
27) 2,4-Dimethylphenol	7.79	122	586236	37.164	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	944002	38.394	ng	99
29) 2,4-Dichlorophenol	7.99	162	715973	41.058	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	827781	40.941	ng	99
31) Naphthalene	8.16	128	2231981	42.223	ng	99
32) Benzoic acid	7.91	122	412268	34.824	ng	98
33) 4-Chloroaniline	8.20	127	997030	40.807	ng	99
34) Hexachlorobutadiene	8.28	225	497990	40.444	ng	99
35) Caprolactam	8.57	113	224306	39.306	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	703743	40.868	ng	100
37) 2-Methylnaphthalene	8.85	142	1532696	41.077	ng	99
38) 1-Methylnaphthalene	8.95	142	1445877	40.788	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	823415	40.572	ng	99

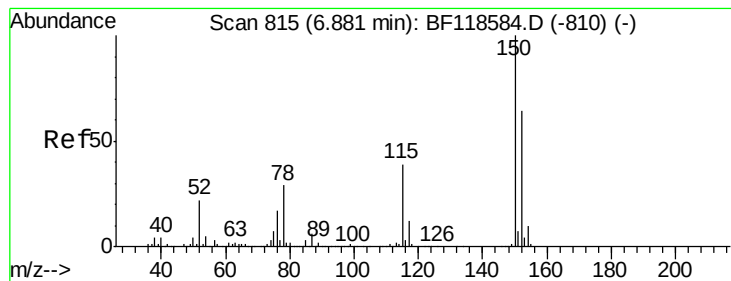
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118726.D
 Acq On : 29 Jan 2020 12:46
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:07:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	392912	38.372	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	550453	40.873	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	564212	41.021	ng	99
46) 1,1'-Biphenyl	9.31	154	1879706	42.049	ng	98
47) 2-Chloronaphthalene	9.34	162	1573561	41.762	ng	99
48) 2-Nitroaniline	9.43	65	449704	38.826	ng	95
49) Acenaphthylene	9.75	152	2296236	43.319	ng	99
50) Dimethylphthalate	9.61	163	1806037	42.738	ng	99
51) 2,6-Dinitrotoluene	9.67	165	415649	43.924	ng	96
52) Acenaphthene	9.93	154	1478548	41.715	ng	99
53) 3-Nitroaniline	9.84	138	466844	43.205	ng	96
54) 2,4-Dinitrophenol	9.94	184	183987	48.702	ng	# 86
55) Dibenzofuran	10.09	168	2064116	42.022	ng	99
56) 4-Nitrophenol	9.99	139	335559	41.137	ng	98
57) 2,4-Dinitrotoluene	10.07	165	554161	46.454	ng	94
58) Fluorene	10.44	166	1547222	40.124	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	486799	40.239	ng	99
60) Diethylphthalate	10.31	149	1717907	41.928	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	844218	40.254	ng	96
62) 4-Nitroaniline	10.45	138	462560	41.733	ng	98
63) Azobenzene	10.59	77	1510617	38.069	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	266141	51.125	ng	89
66) n-Nitrosodiphenylamine	10.55	169	1466293	41.070	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	599245	40.971	ng	96
68) Hexachlorobenzene	10.99	284	682125	41.136	ng	95
69) Atrazine	11.07	200	488517	39.478	ng	100
70) Pentachlorophenol	11.17	266	369981	40.131	ng	98
71) Phenanthrene	11.40	178	2388537	41.821	ng	100
72) Anthracene	11.45	178	2397577	42.425	ng	100
73) Carbazole	11.60	167	2143407	41.349	ng	99
74) Di-n-butylphthalate	11.93	149	2513591	43.645	ng	100
75) Fluoranthene	12.59	202	2514688	41.745	ng	99
77) Benzidine	12.70	184	1111937	48.255	ng	99
78) Pyrene	12.82	202	2537094	43.332	ng	100
80) Butylbenzylphthalate	13.43	149	1081650	45.140	ng	95
81) Benzo(a)anthracene	14.00	228	2148280	41.410	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	867899	46.949	ng	100
83) Chrysene	14.04	228	2133163	42.903	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1339698	45.762	ng	99
85) Di-n-octyl phthalate	14.60	149	2207958	50.954	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2082987	48.215	ng	100
88) Benzo(b)fluoranthene	15.04	252	2120826	39.582	ng	99
89) Benzo(k)fluoranthene	15.07	252	2006387	40.419	ng	99
90) Benzo(a)pyrene	15.41	252	1875719	40.582	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1712967	41.898	ng	99
92) Benzo(g,h,i)perylene	17.37	276	1675792	42.215	ng	99

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

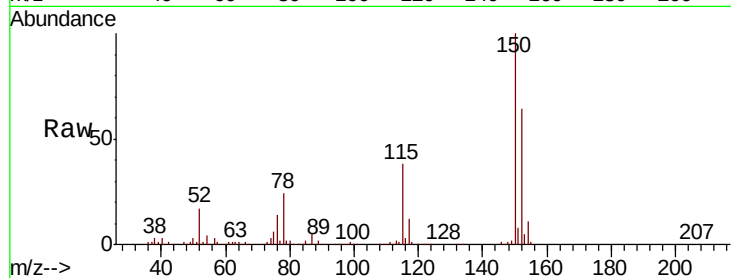


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.7	185.5
115	58.4	45.1	67.7

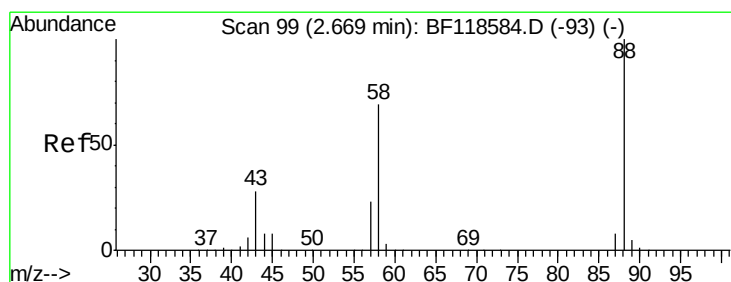
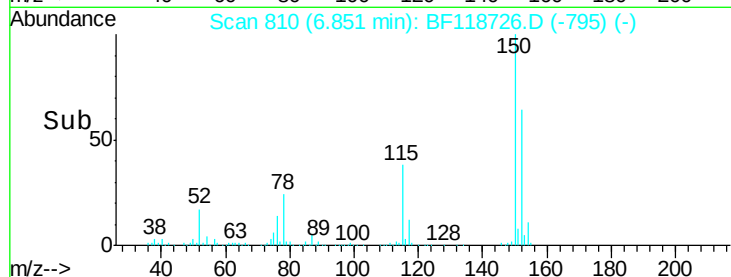
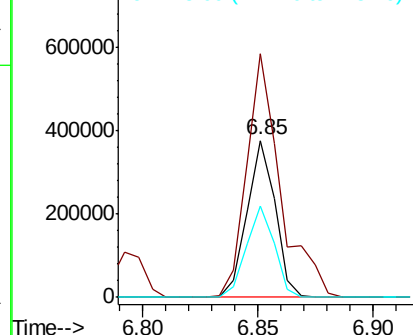


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

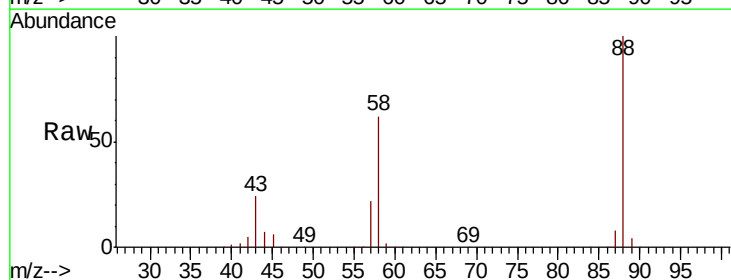
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.930 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	51.9	77.9
43	25.0	19.3	28.9

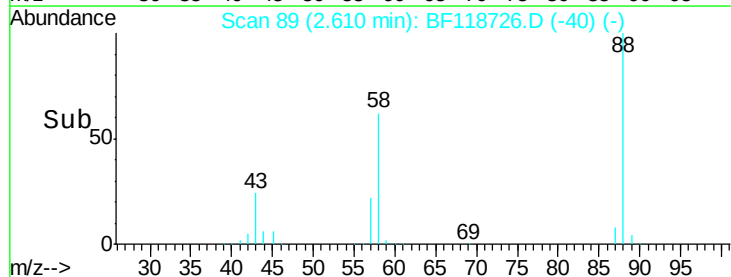
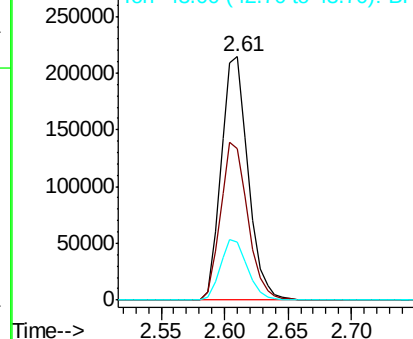


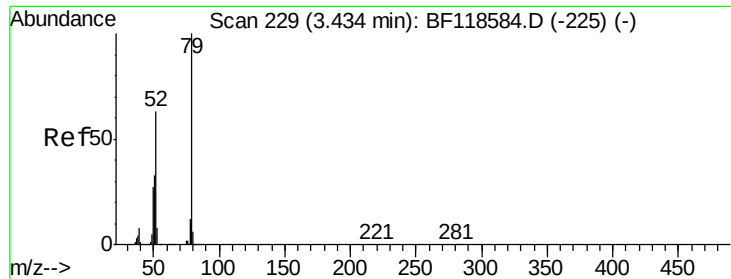
Abundance

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: 37.869 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.02 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

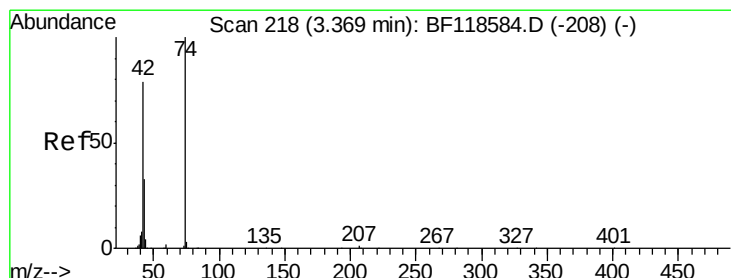
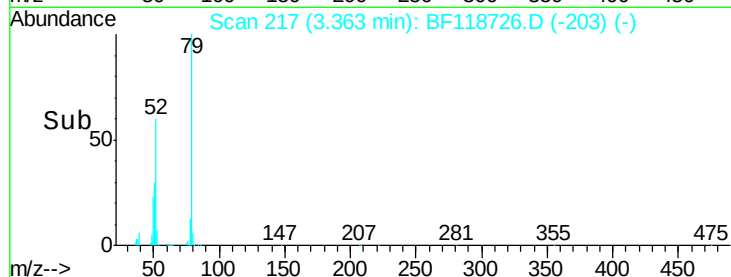
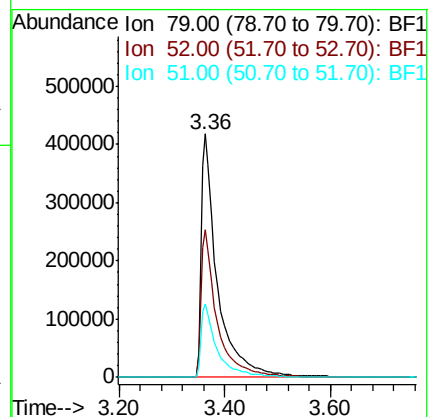
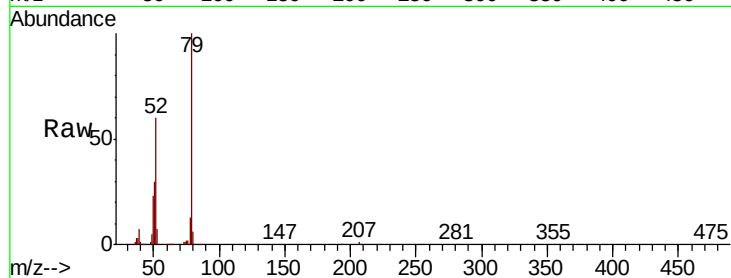
Tot Ion: 79 Resp: 896521

Ion Ratio Lower Upper

79 100

52 60.4 48.8 73.2

51 30.3 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 32.483 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.02 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

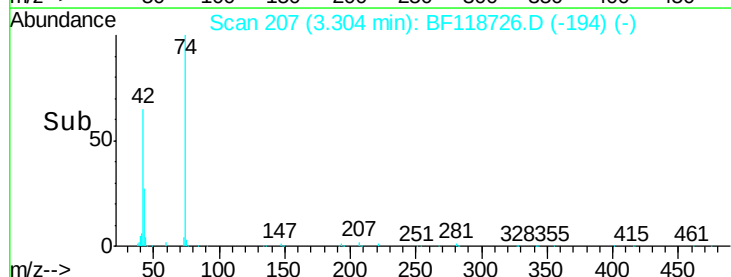
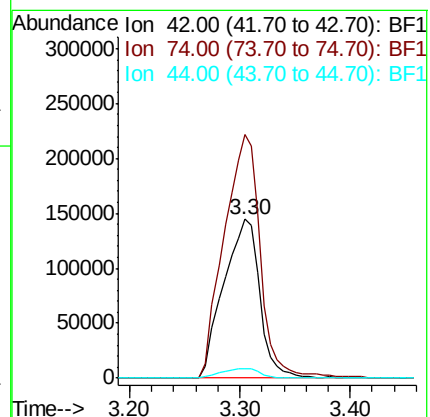
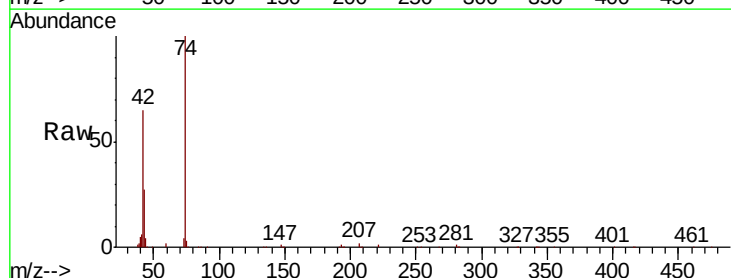
Tgt Ion: 42 Resp: 329693

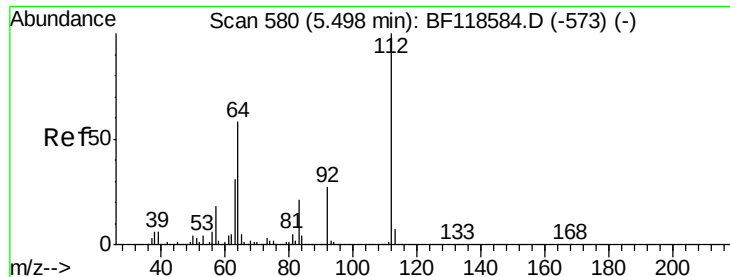
Ion Ratio Lower Upper

42 100

74 153.4 123.5 185.3

44 5.9 5.6 8.4





#5

2-Fluorophenol

Concen: 82.291 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

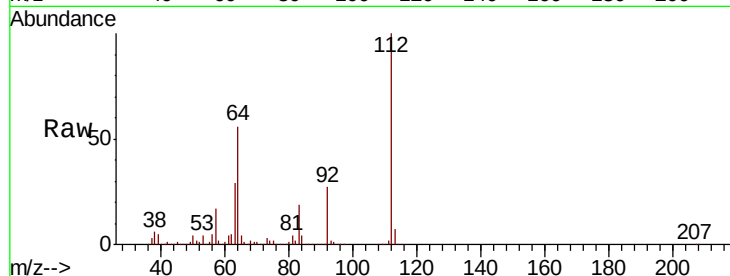
Tot Ion:112 Resp: 1427088

Ion Ratio Lower Upper

112 100

64 56.2 42.4 63.6

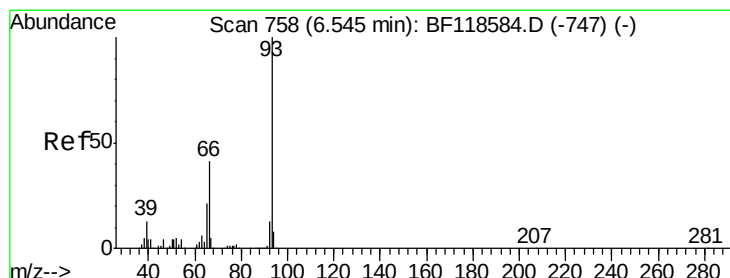
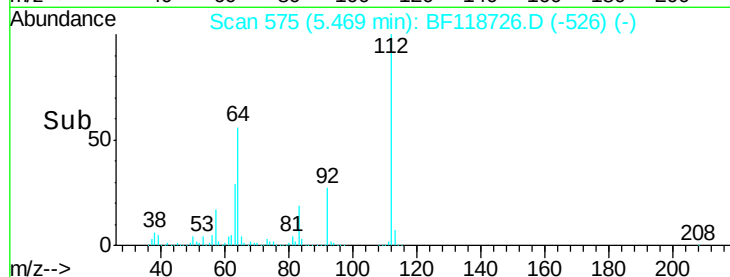
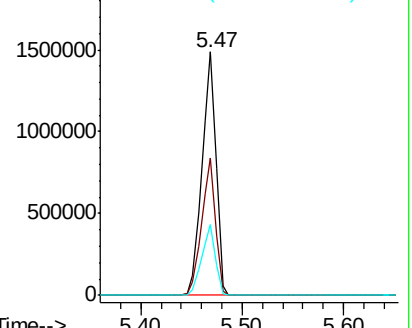
63 29.1 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.370 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

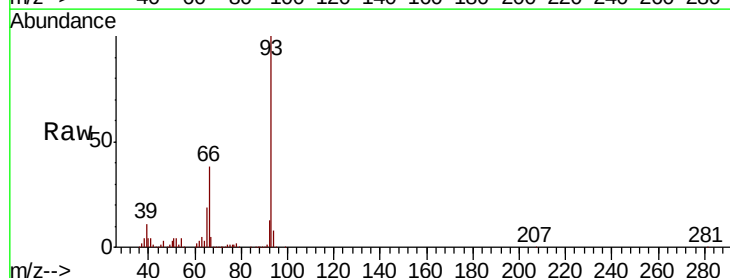
Tgt Ion: 93 Resp: 1168508

Ion Ratio Lower Upper

93 100

66 38.4 31.3 46.9

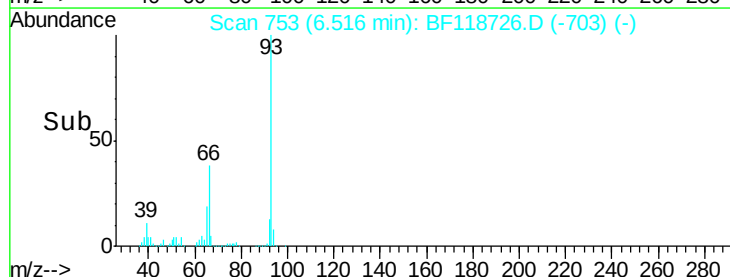
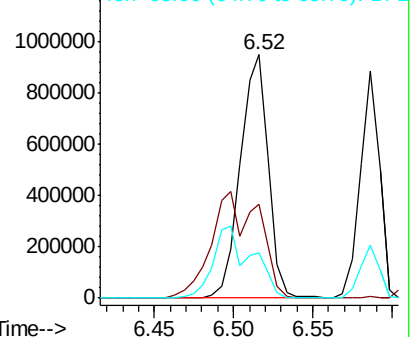
65 18.8 15.3 22.9

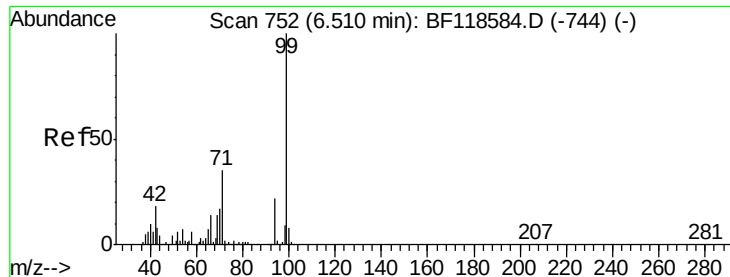


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.174 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

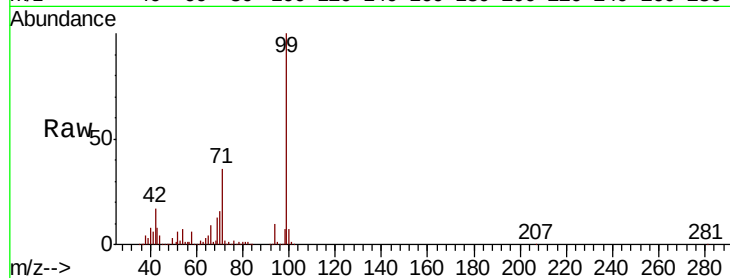
Tot Ion: 99 Resp: 1784594

Ion Ratio Lower Upper

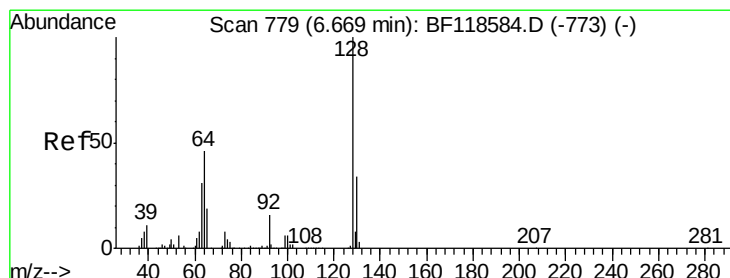
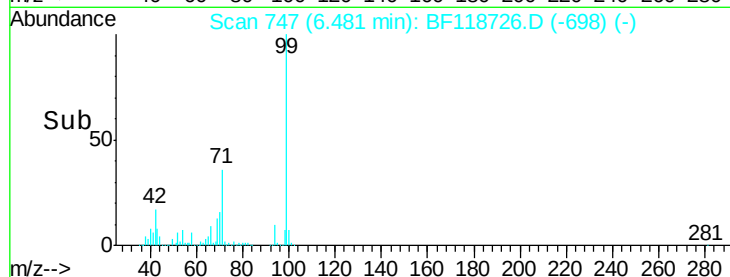
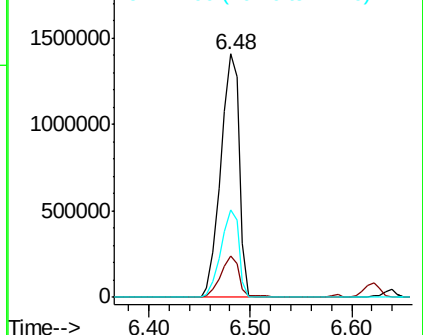
99 100

42 17.1 13.1 19.7

71 35.9 28.4 42.6



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: 41.032 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

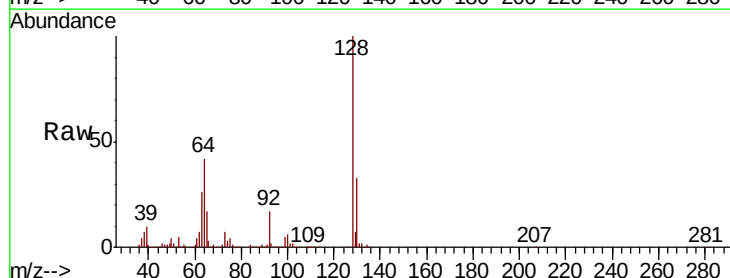
Tgt Ion: 128 Resp: 798689

Ion Ratio Lower Upper

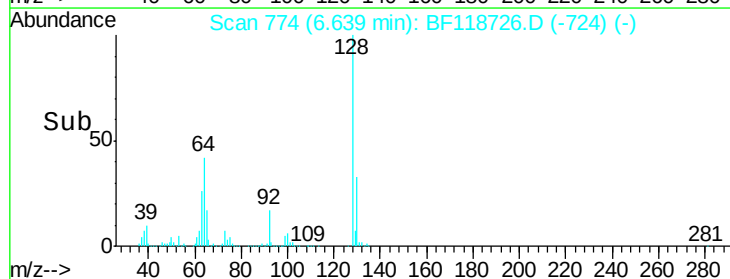
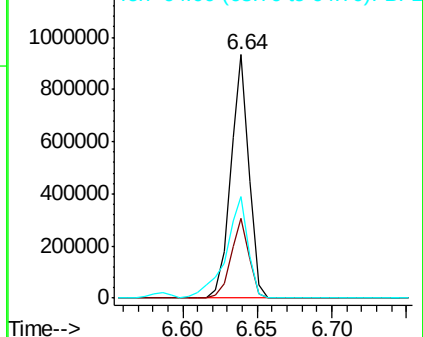
128 100

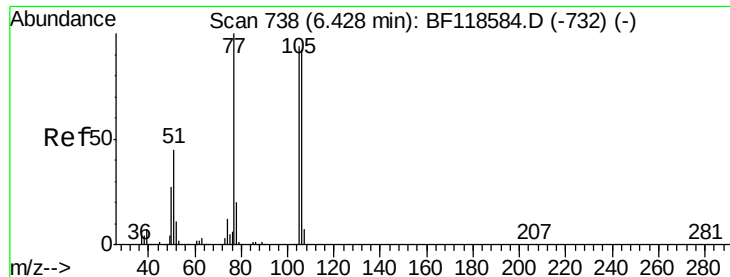
130 32.9 12.8 52.8

64 41.7 24.5 64.5



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: 37.463 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

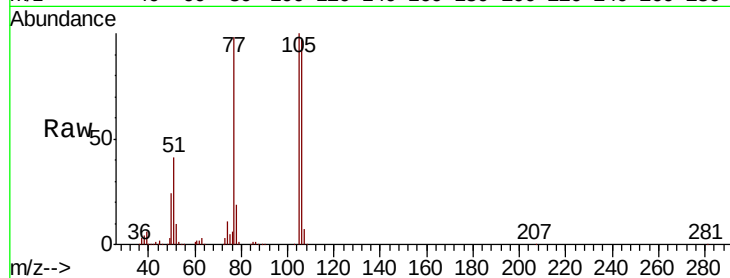
Tot Ion: 77 Resp: 513542

Ion Ratio Lower Upper

77 100

105 102.1 84.3 124.3

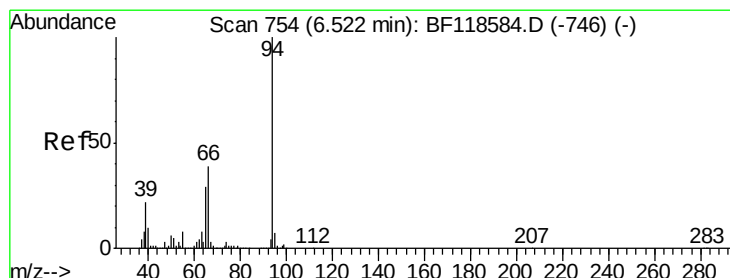
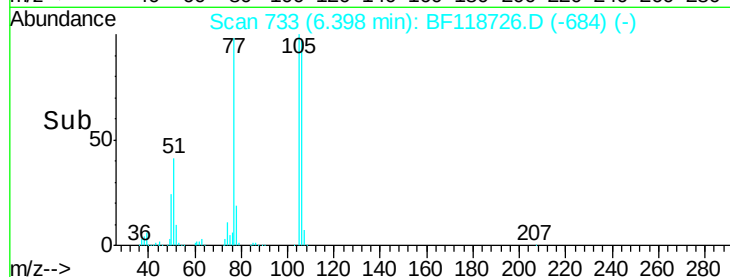
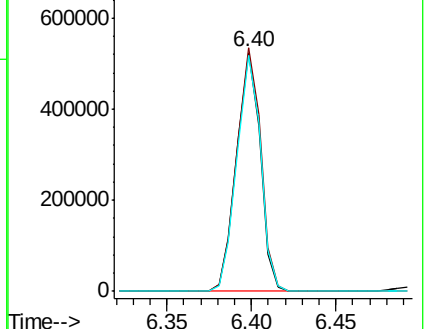
106 99.0 80.4 120.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.029 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

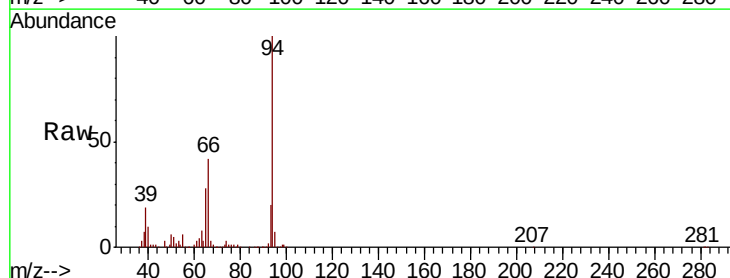
Tgt Ion: 94 Resp: 1002552

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

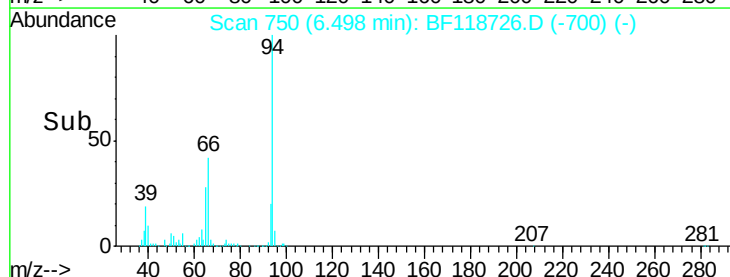
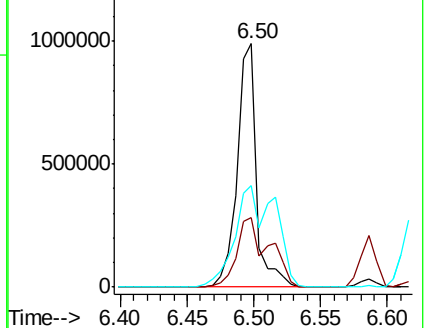
66 41.9 19.1 59.1

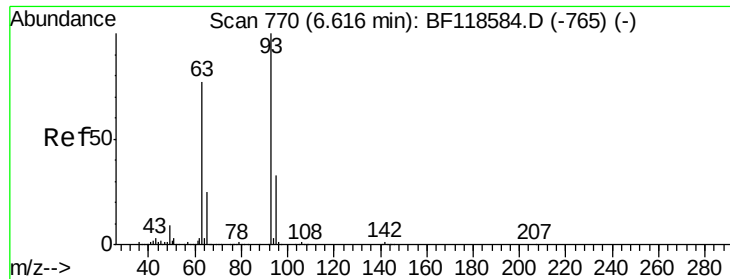


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

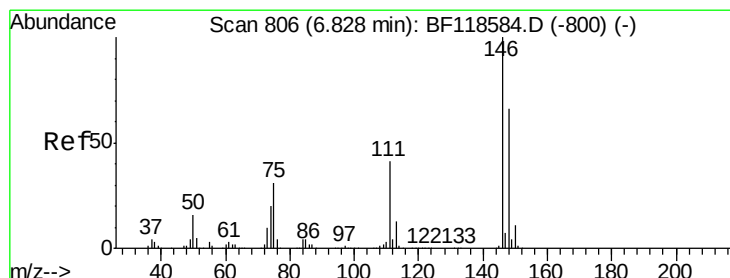
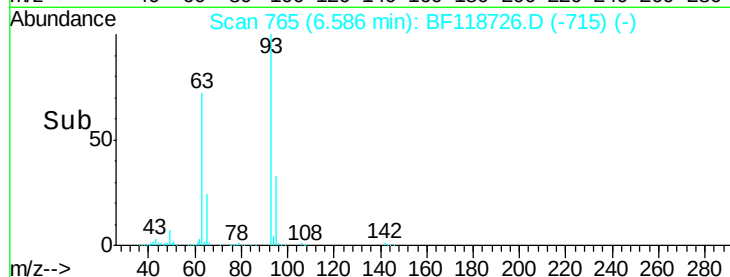
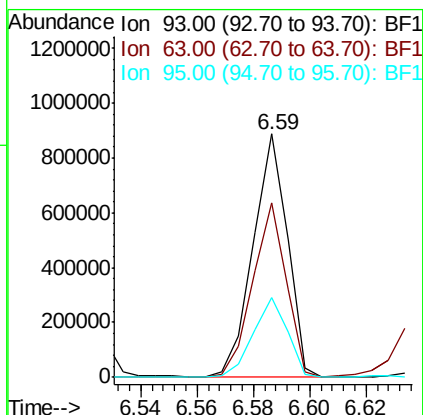
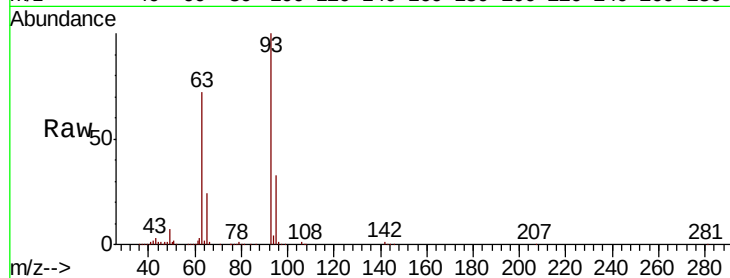




#11
bis(2-Chloroethyl)ether
Concen: 39.151 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

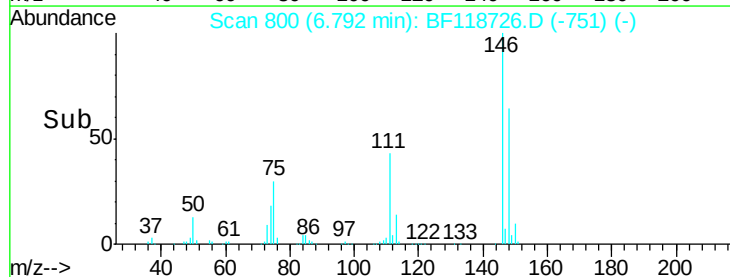
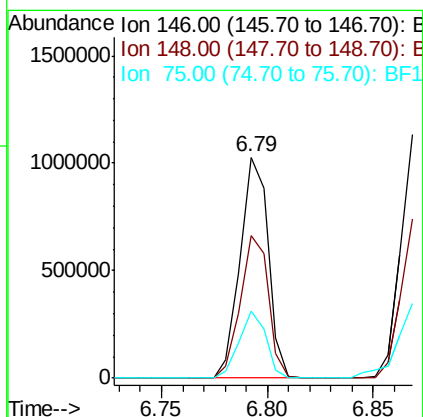
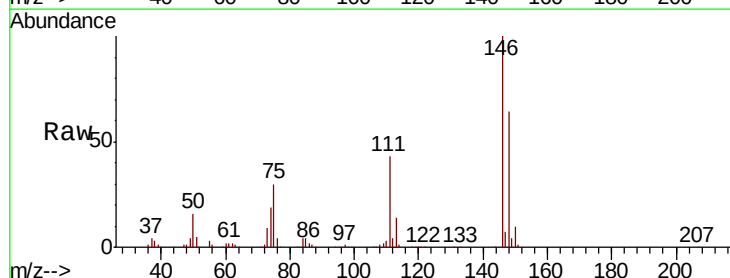
Instrument :
BNA_F
ClientSampled :

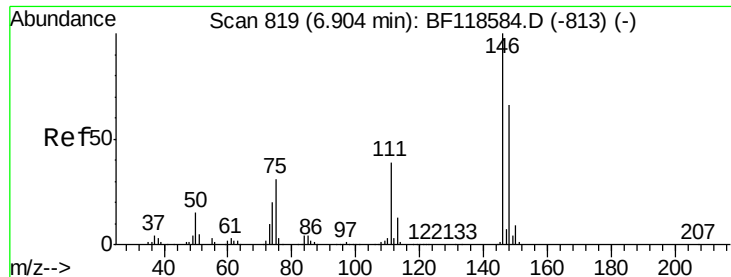
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	52.1	92.1
95	32.8	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 41.577 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.4
75	30.4	23.1	34.7

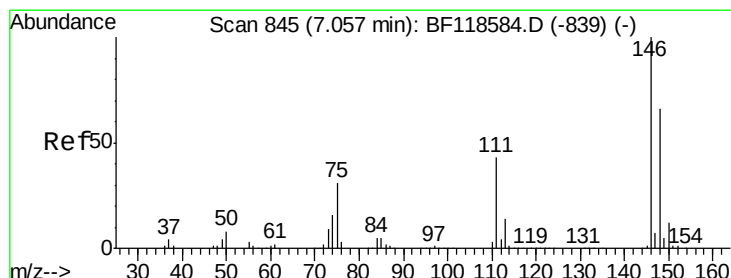
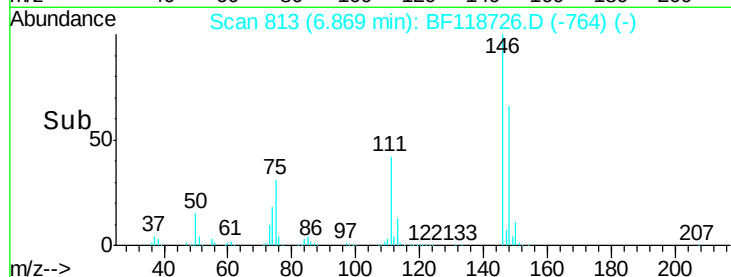
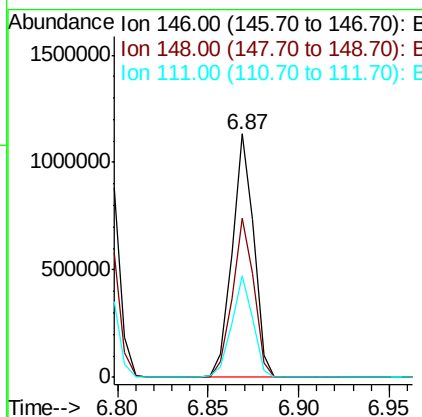
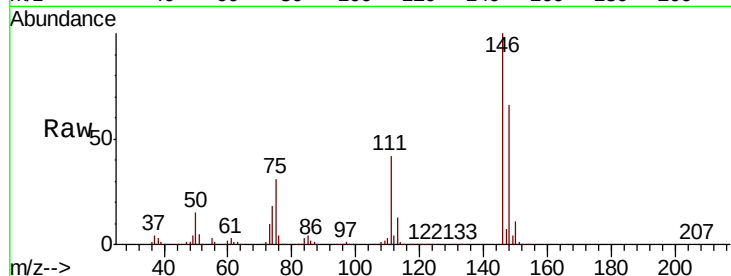




#13
 1,4-Dichlorobenzene
 Concen: 41.229 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

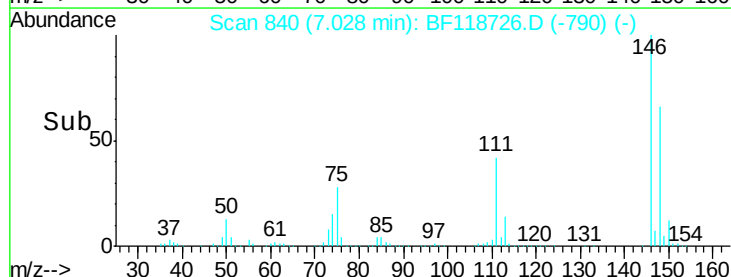
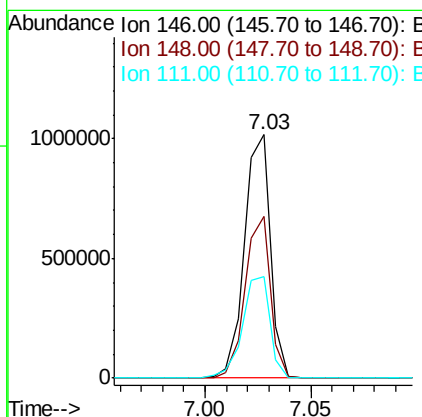
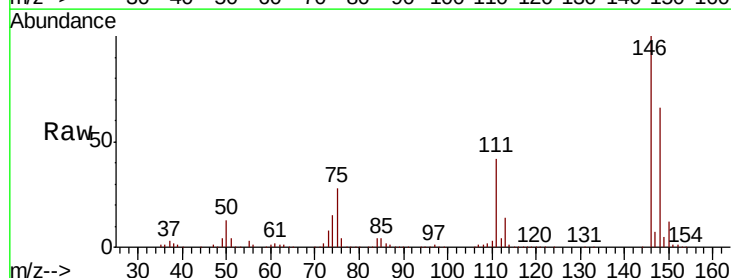
Instrument :
 BNA_F
 ClientSampleId :

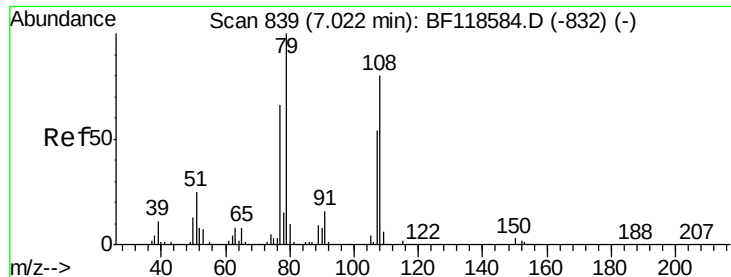
Tot Ion:146 Resp: 942917
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.5 77.3
 111 41.5 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 40.292 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion:146 Resp: 866239
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.7 77.5
 111 41.8 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.130 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampled :

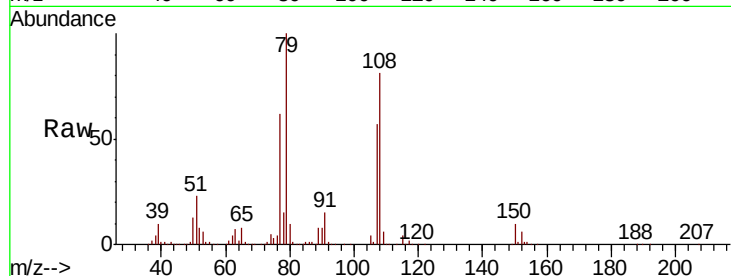
Tot Ion: 79 Resp: 699445

Ion Ratio Lower Upper

79 100

108 81.4 63.4 95.2

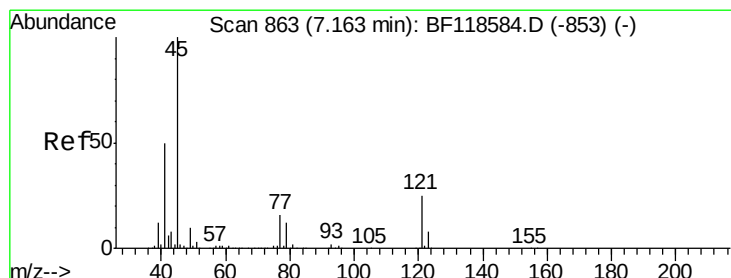
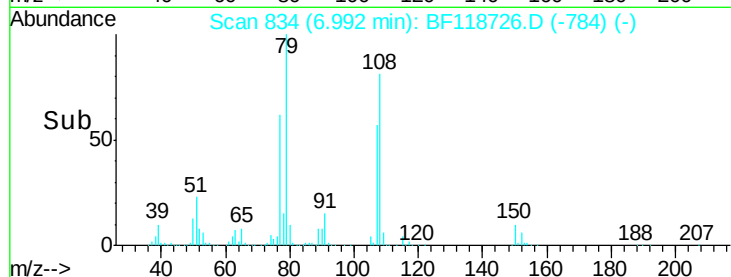
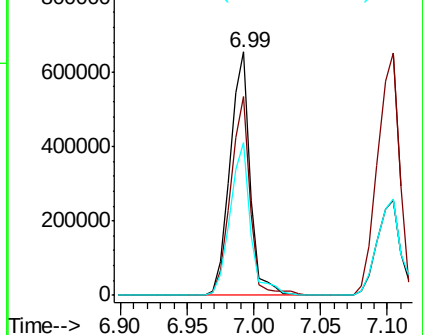
77 62.5 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.626 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

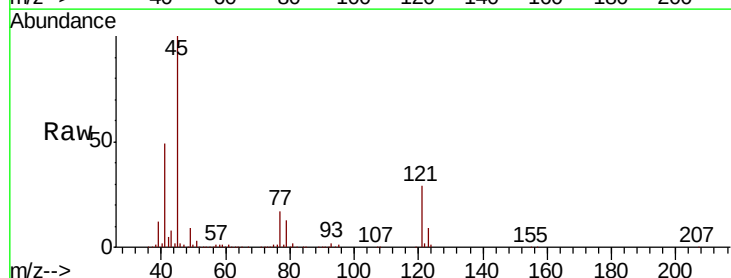
Tgt Ion: 45 Resp: 919166

Ion Ratio Lower Upper

45 100

77 17.2 0.0 36.9

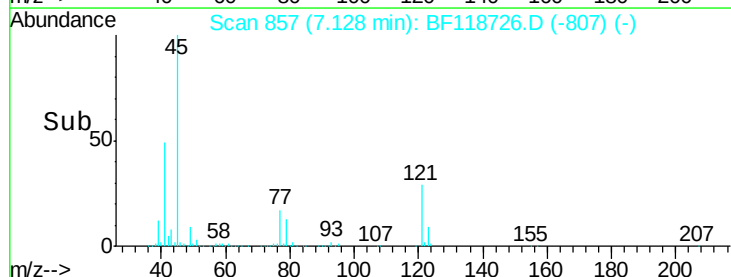
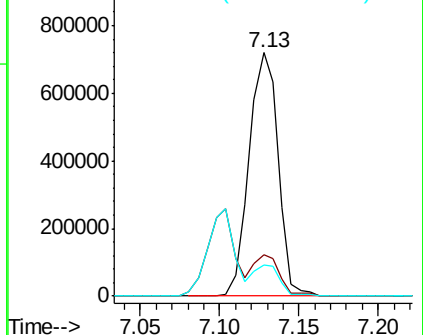
79 12.9 0.0 32.5

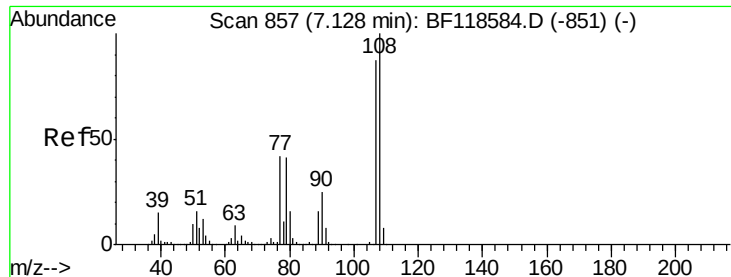


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

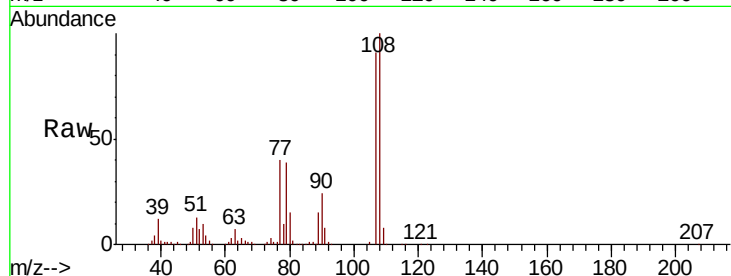




#17
2-Methylphenol
Concen: 40.508 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.0	132.0
77	43.7	35.3	52.9
79	43.5	35.4	53.2



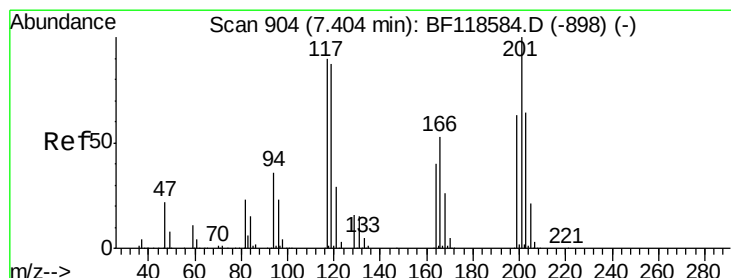
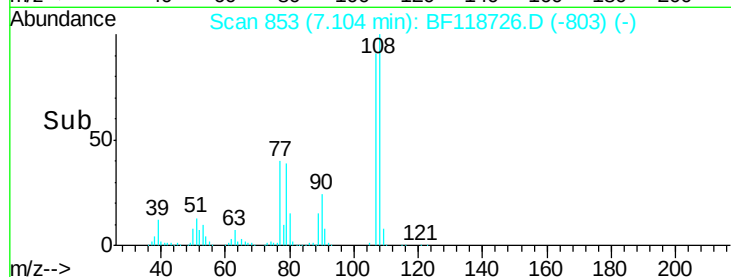
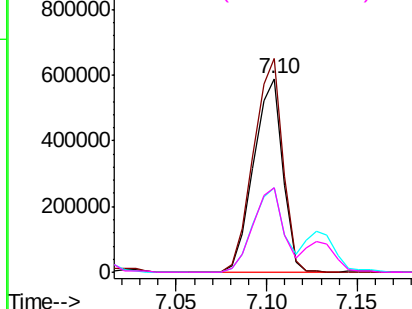
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

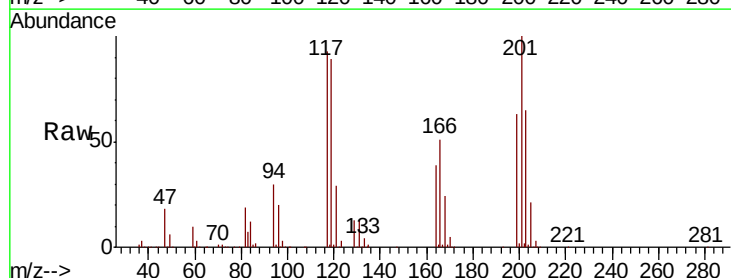
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.364 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
201	107.7	83.3	124.9

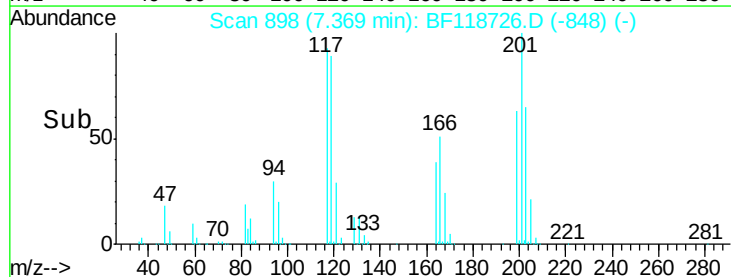
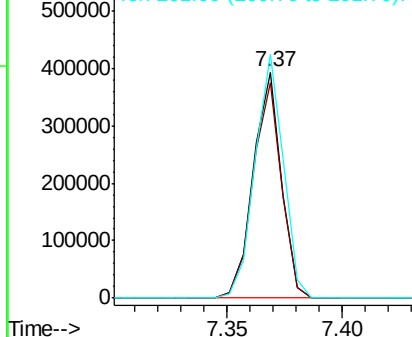


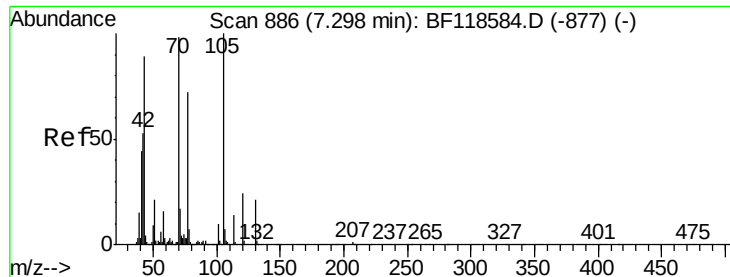
Abundance

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

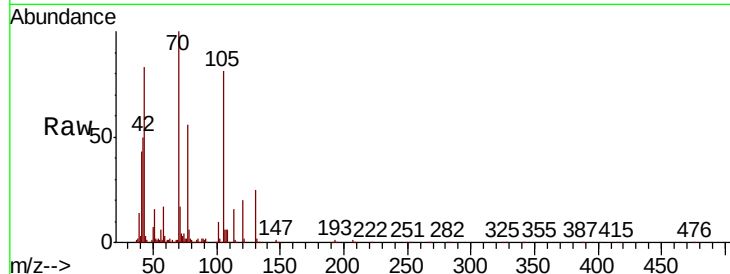




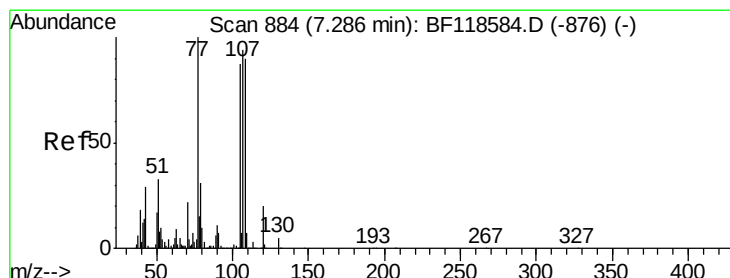
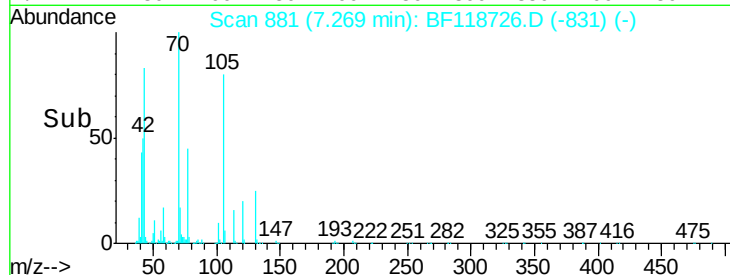
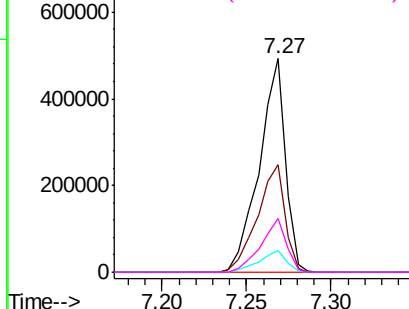
#19
n-Nitroso-di-n-propylamine
Concen: 34.767 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	529143
Ion	Ratio	Lower	Upper
70	100		
42	50.3	41.6	62.4
101	10.4	7.9	11.9
130	24.9	19.0	28.6

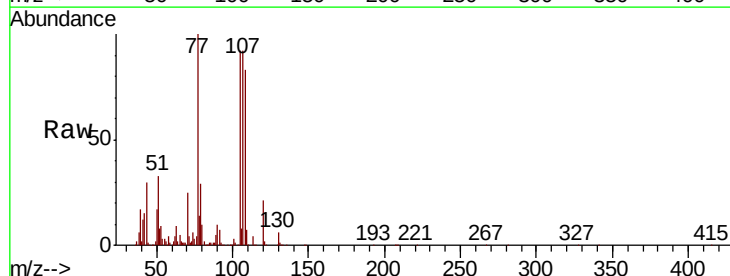


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

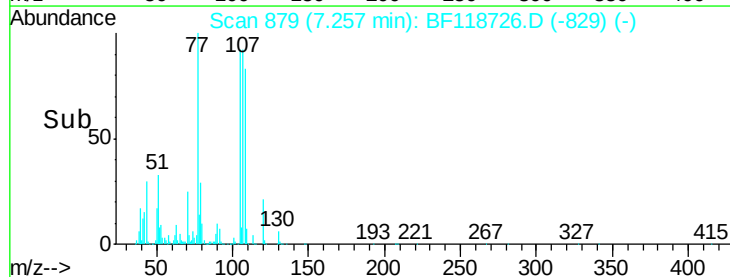
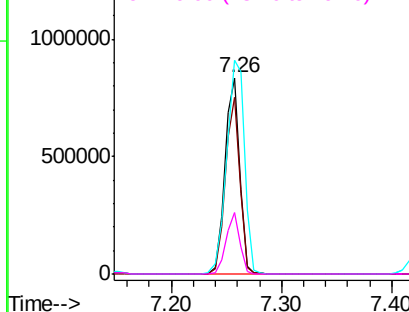


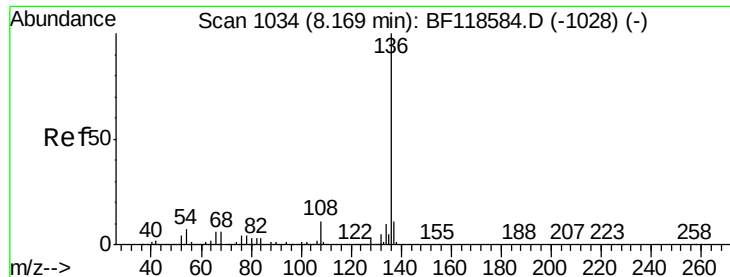
#20
3+4-Methylphenols
Concen: 39.376 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:	107	Resp:	779488
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.5	107.5
77	108.9	73.6	113.6
79	31.1	9.3	49.3



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

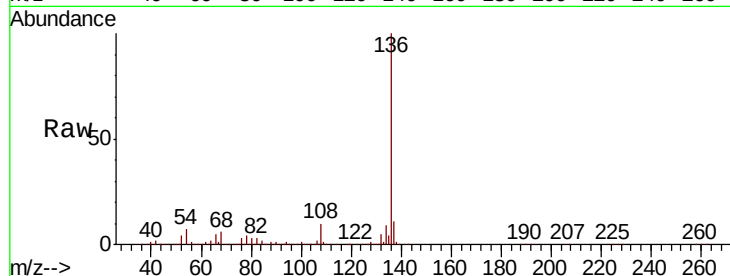




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1170189
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 6.6	5.1 7.7
68 5.7	4.3 6.5



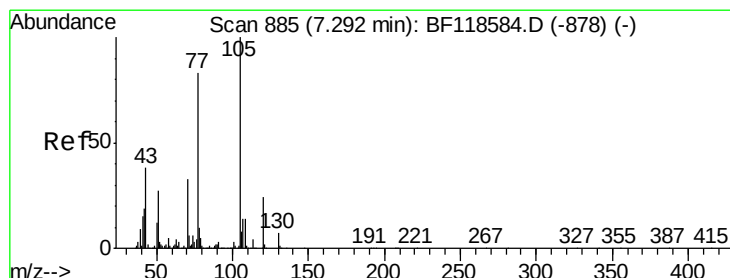
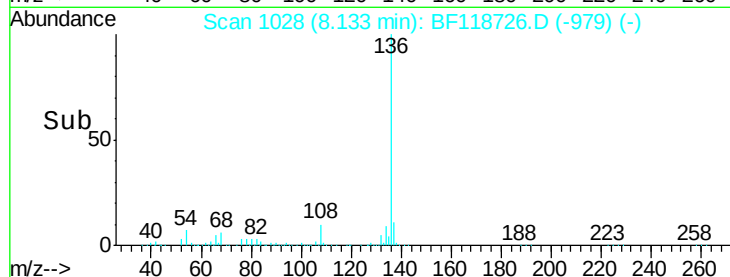
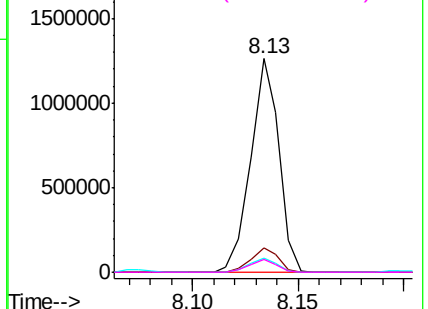
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

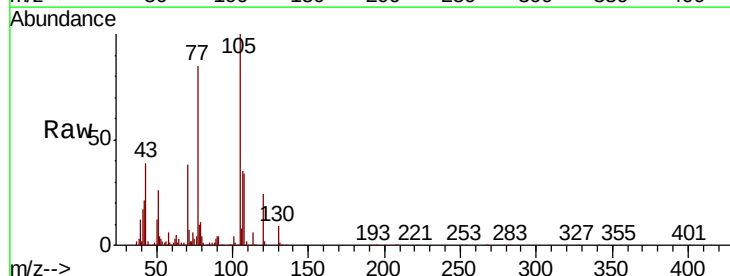
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.205 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt	Ion:105	Resp:	1059062
Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.3	6.5#
51	26.3	23.5	35.3
120	23.6	18.6	28.0



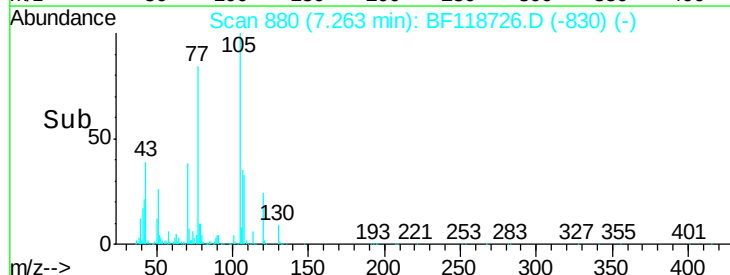
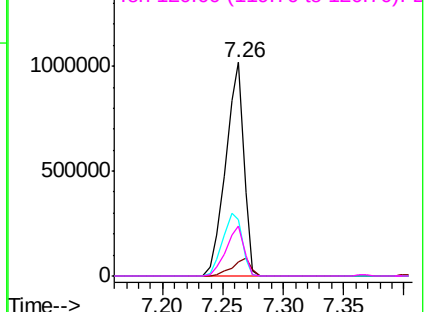
Abundance

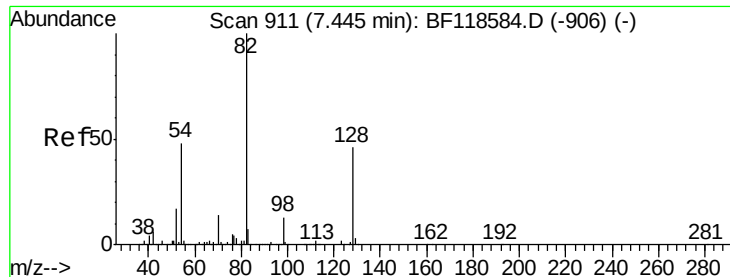
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



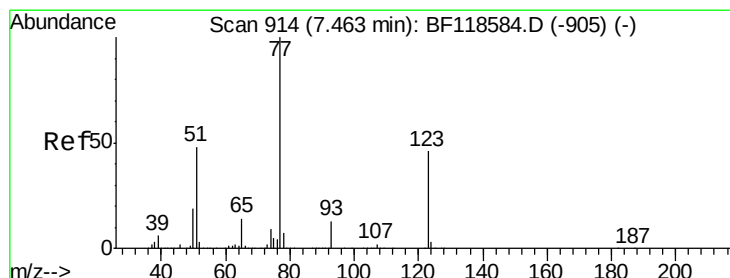
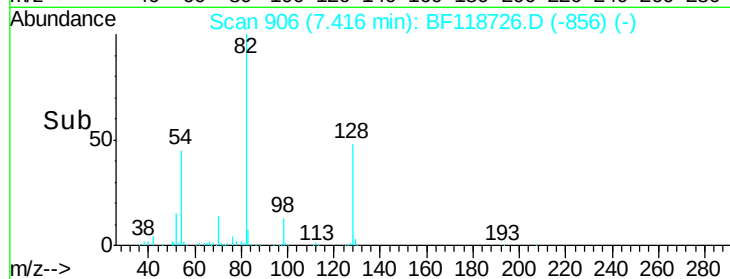
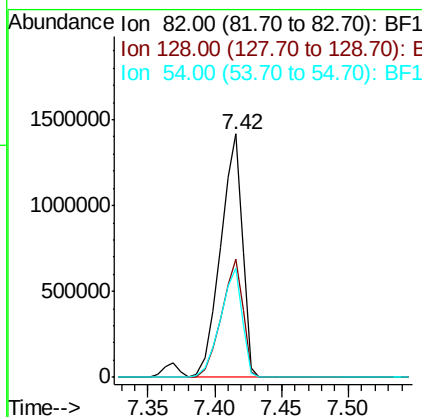
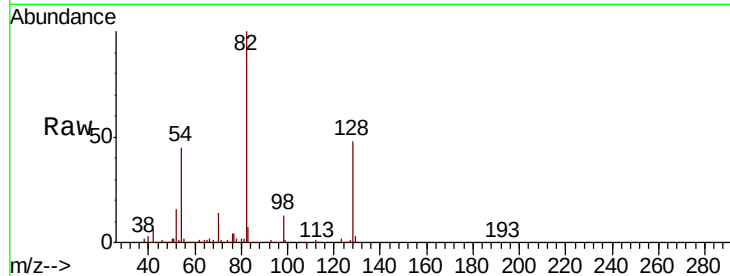


#23
 Nitrobenzene-d5
 Concen: 78.111 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1634143

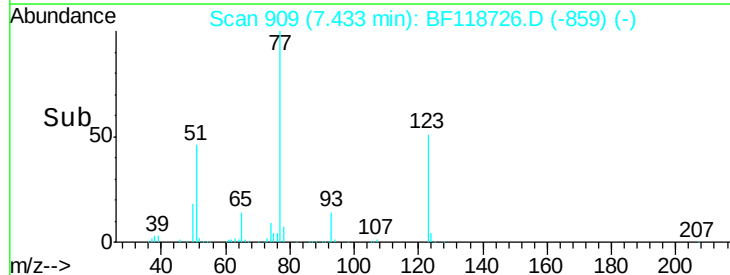
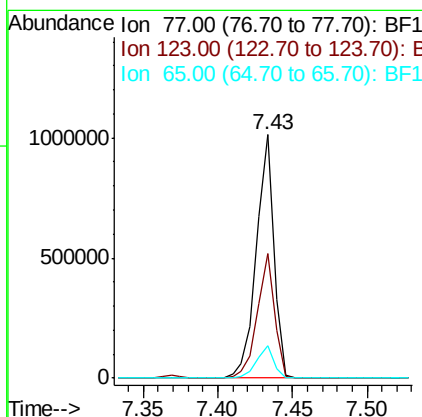
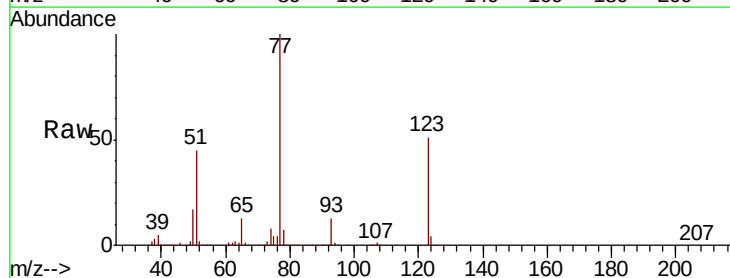
Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.2	57.2
54	45.1	36.1	54.1

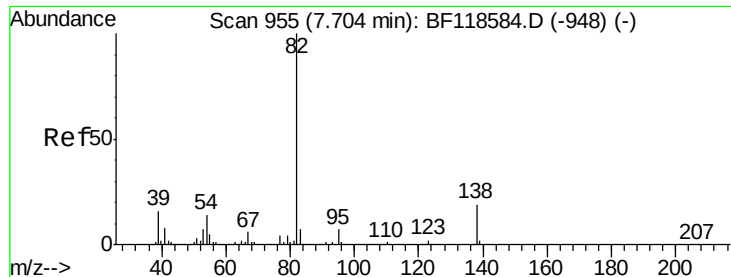


#24
 Nitrobenzene
 Concen: 38.194 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion: 77 Resp: 818171

Ion	Ratio	Lower	Upper
77	100		
123	50.9	39.2	58.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 37.747 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

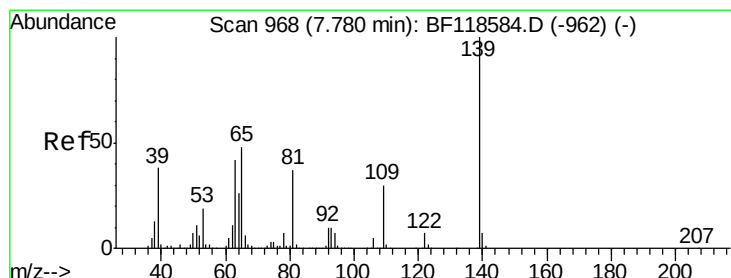
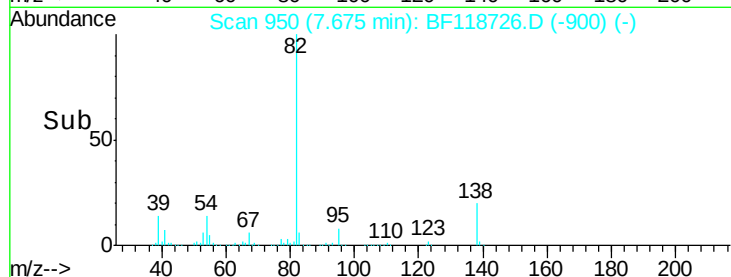
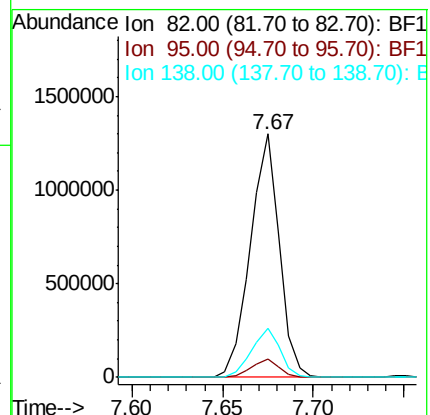
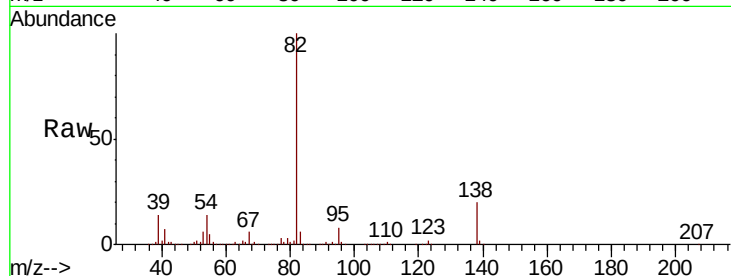
Tot Ion: 82 Resp: 1440386

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 20.3 15.8 23.8



#26

2-Nitrophenol

Concen: 47.572 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

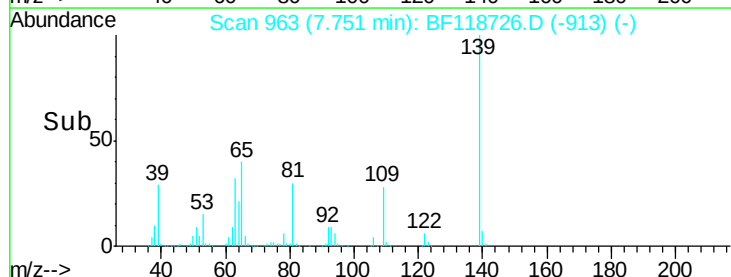
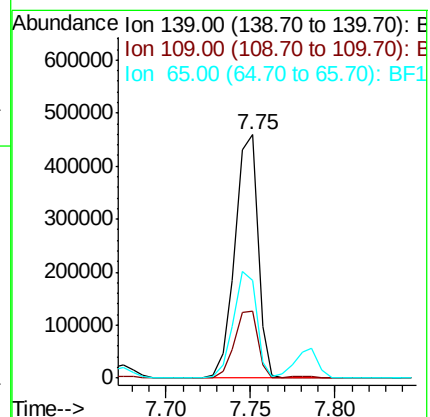
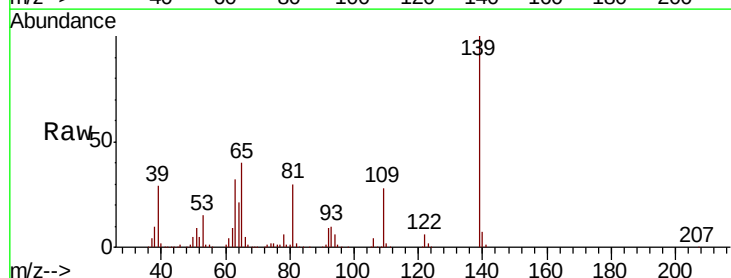
Tgt Ion: 139 Resp: 434573

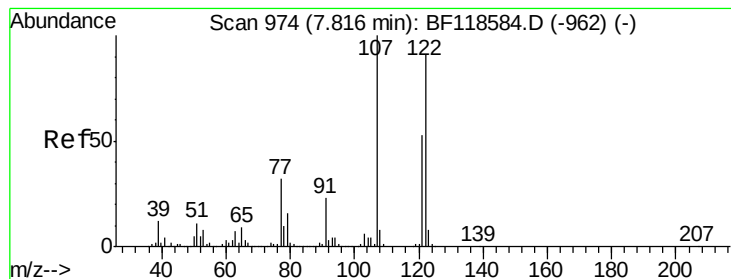
Ion Ratio Lower Upper

139 100

109 27.5 23.1 34.7

65 40.3 35.2 52.8

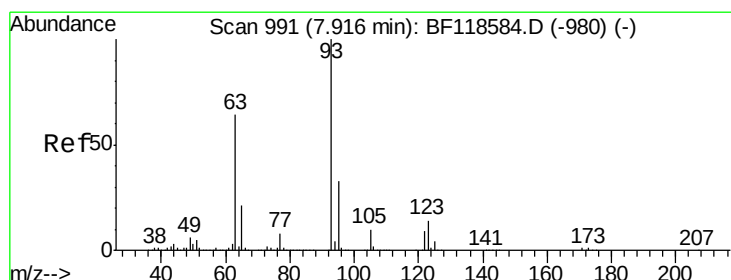
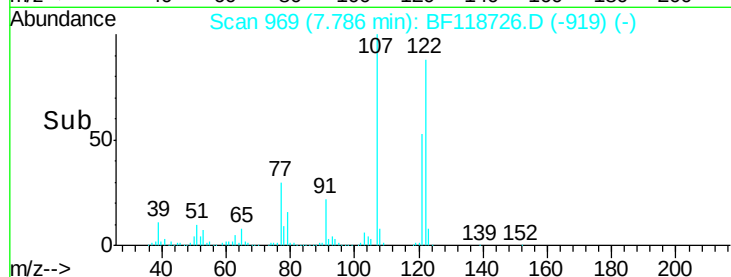
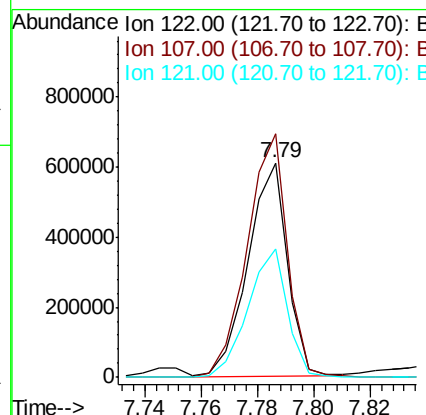
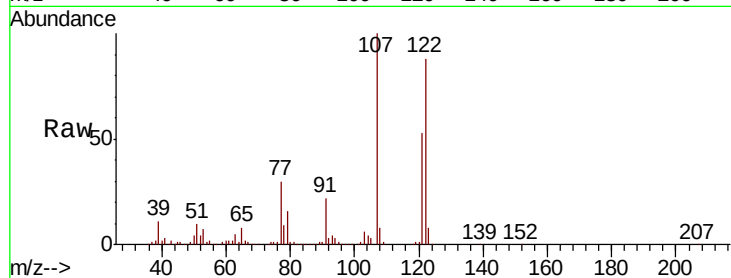




#27
 2,4-Dimethylphenol
 Concen: 37.164 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

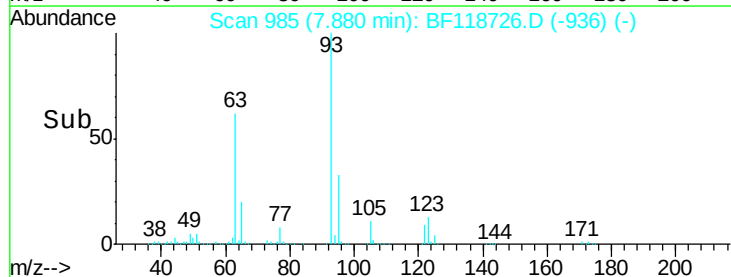
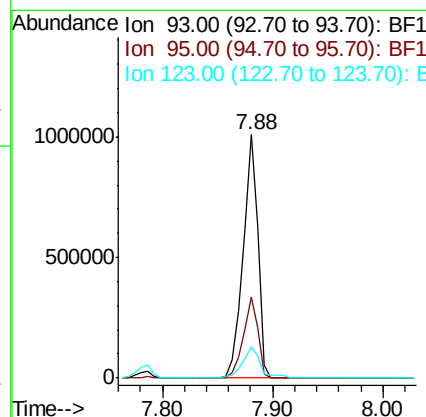
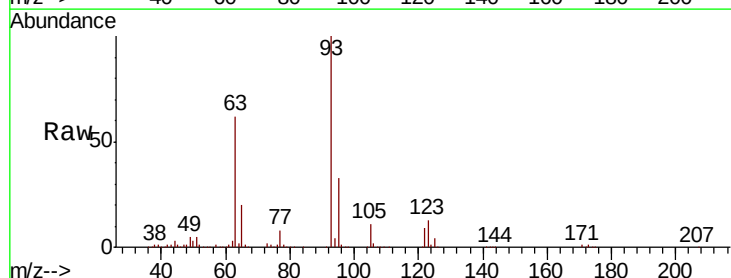
Instrument :
 BNA_F
 ClientSampled :

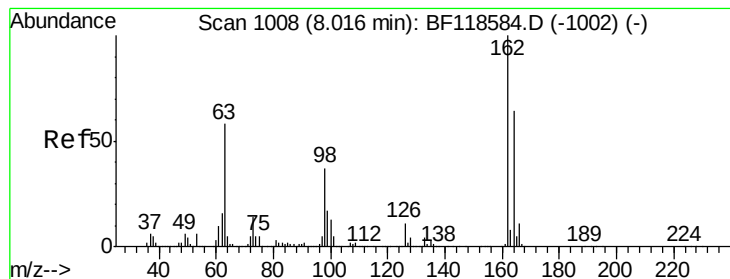
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.8	137.8
121	60.2	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.394 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.8	40.2
123	12.8	10.7	16.1





#29

2,4-Dichlorophenol

Concen: 41.058 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

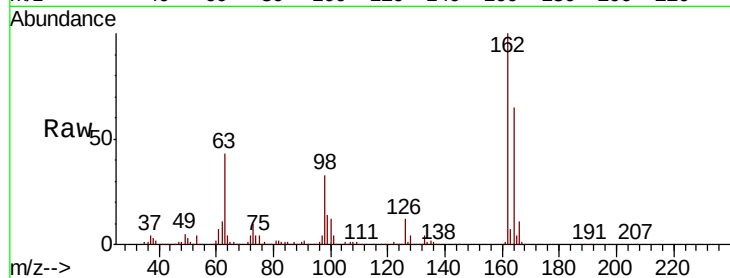
Tot Ion:162 Resp: 715973

Ion Ratio Lower Upper

162 100

164 64.9 43.8 83.8

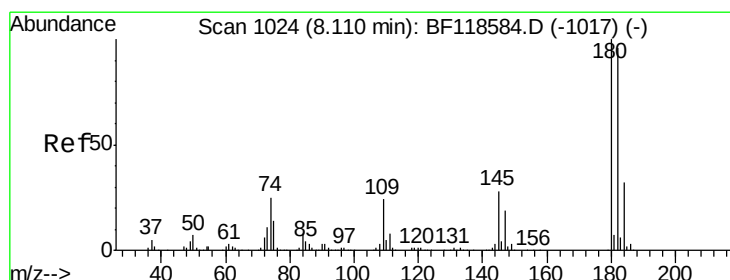
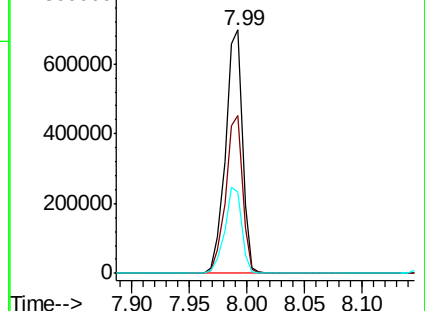
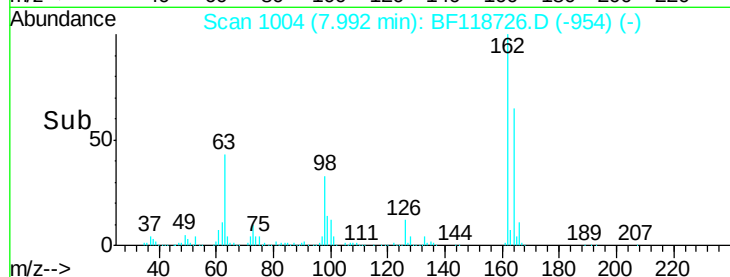
98 33.1 15.0 55.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.941 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

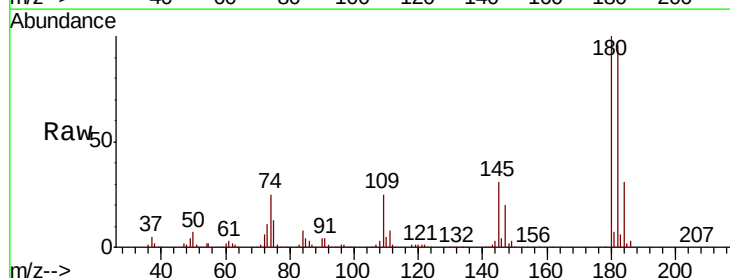
Tgt Ion:180 Resp: 827781

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.4

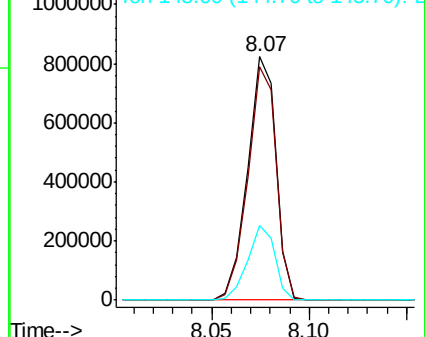
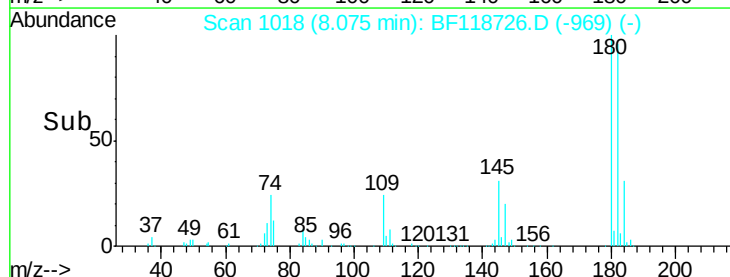
145 30.6 23.5 35.3

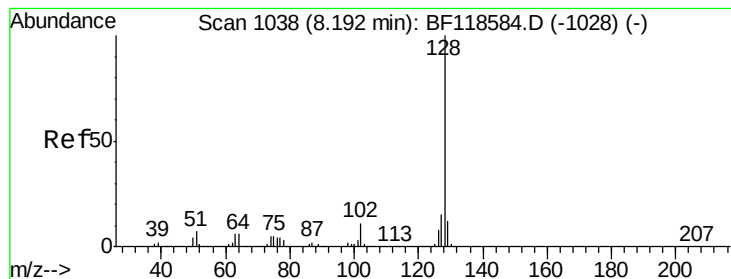


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.223 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

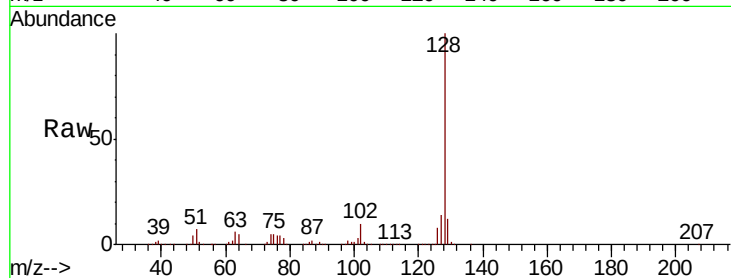
Tot Ion:128 Resp: 2231981

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.0

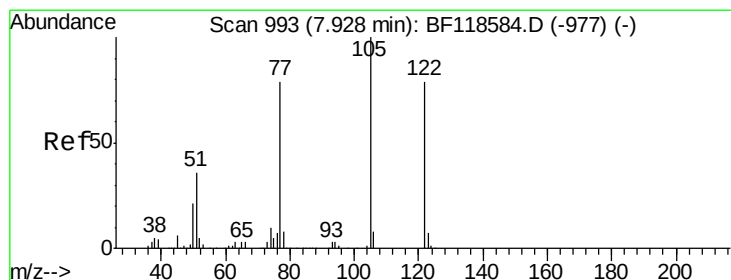
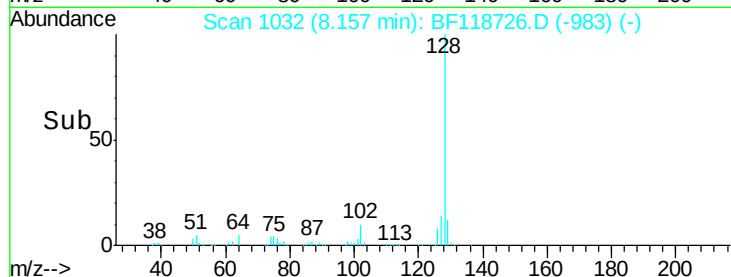
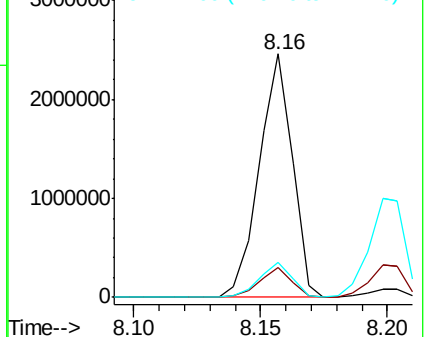
127 14.3 11.3 16.9



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: 34.824 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

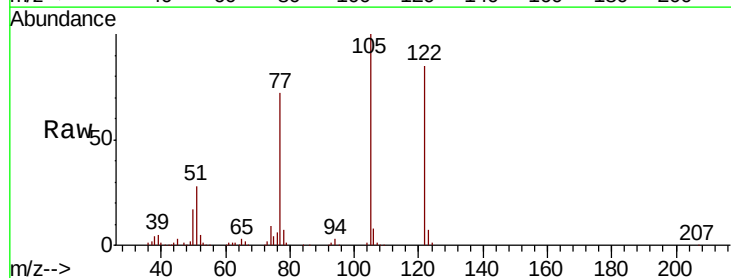
Tgt Ion:122 Resp: 412268

Ion Ratio Lower Upper

122 100

105 117.3 100.9 140.9

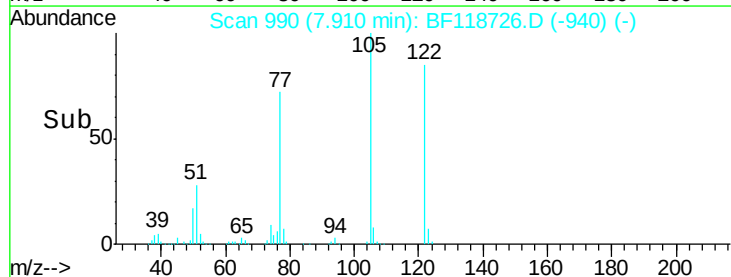
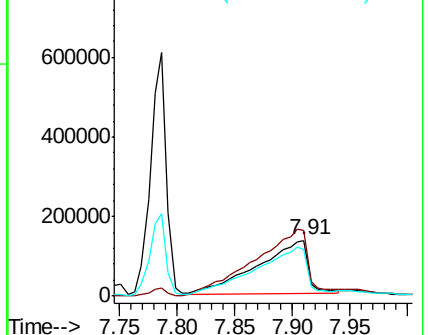
77 84.2 65.1 105.1

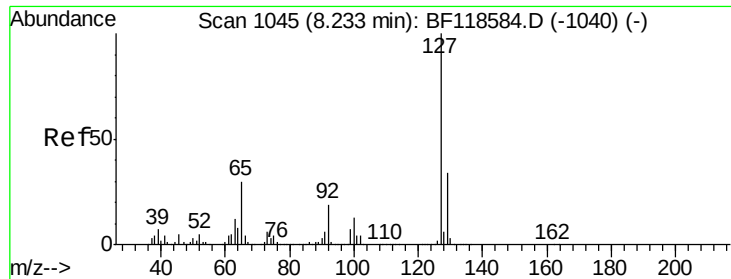


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

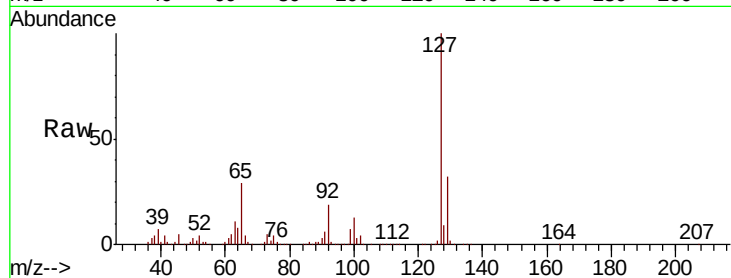




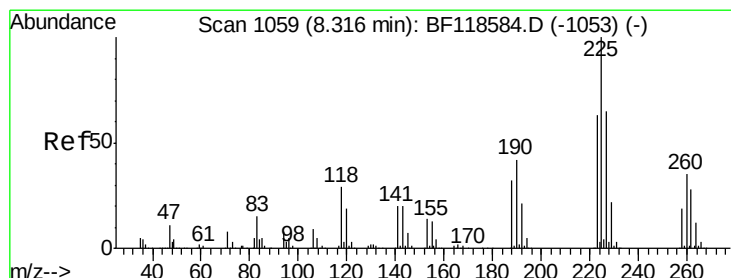
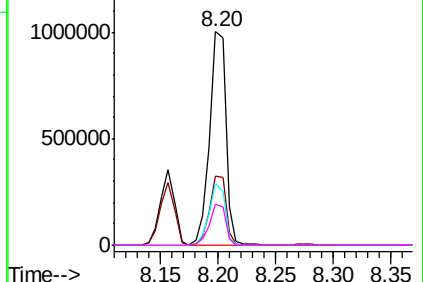
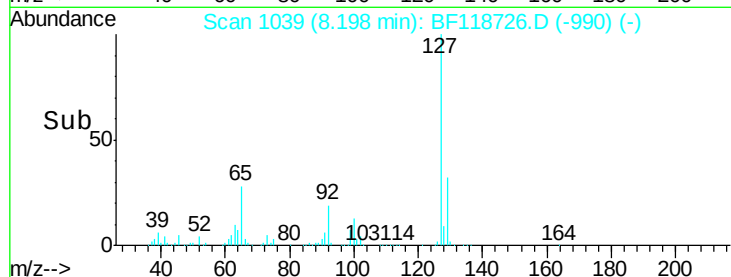
#33
4-Chloroaniline
Concen: 40.807 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	997030
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	28.9	22.6	33.8
92	19.5	15.3	22.9

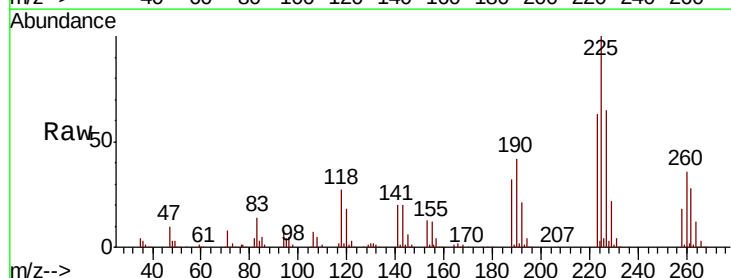


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

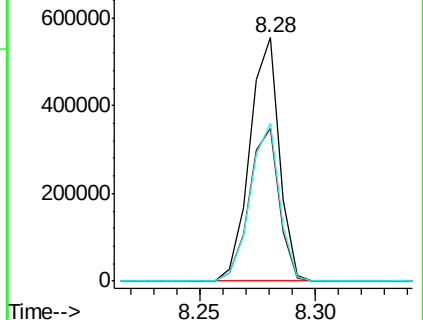
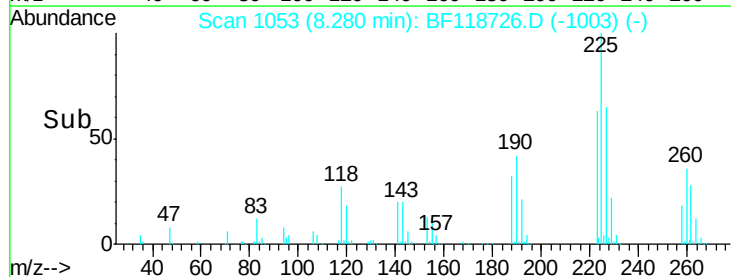


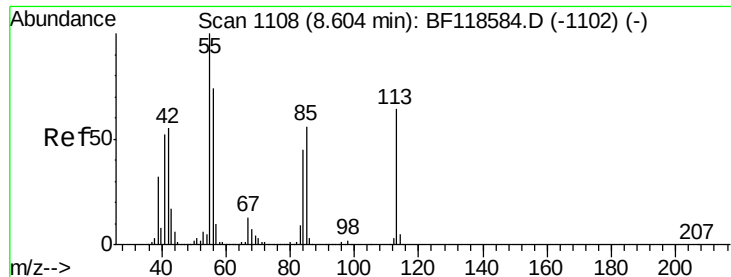
#34
Hexachlorobutadiene
Concen: 40.444 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:	225	Resp:	497990
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	65.1	50.5	75.7



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

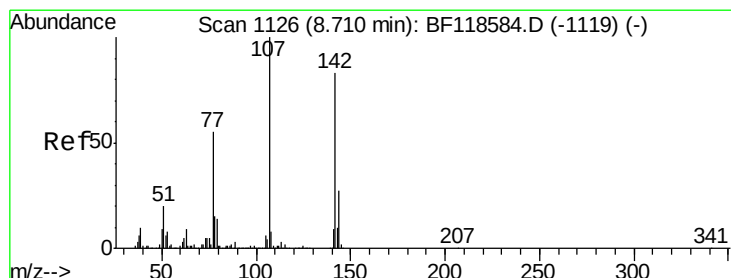
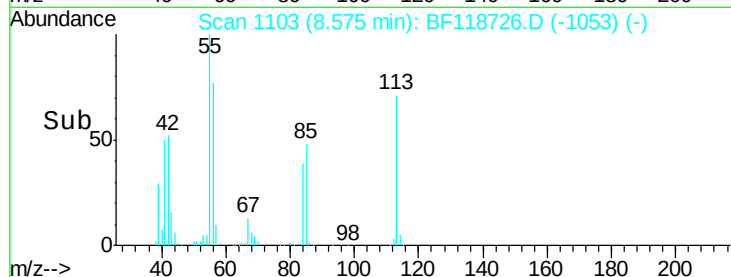
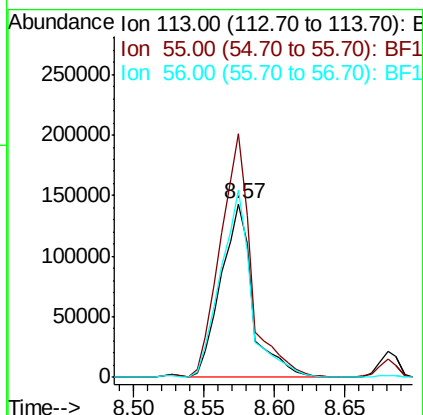
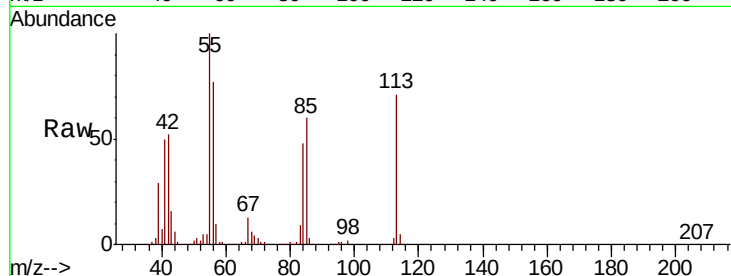




#35
Caprolactam
Concen: 39.306 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

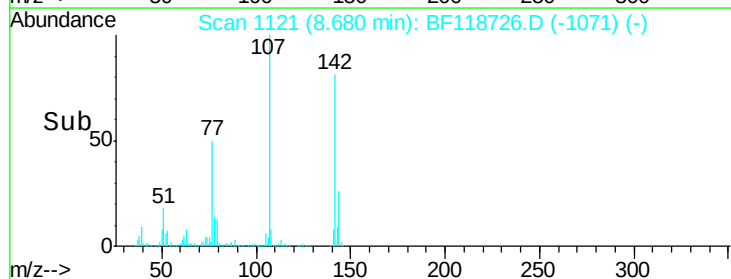
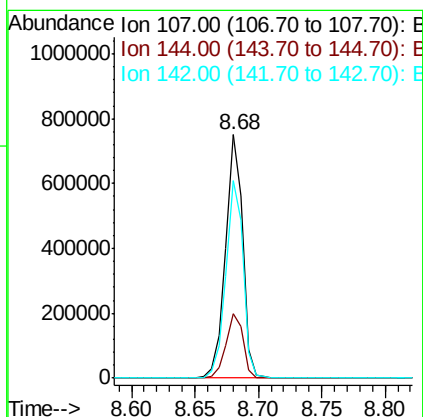
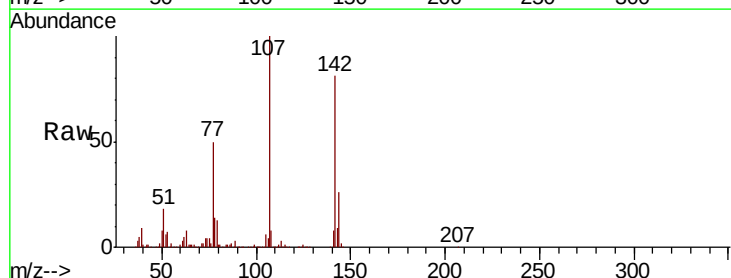
Instrument :
BNA_F
ClientSampleId :

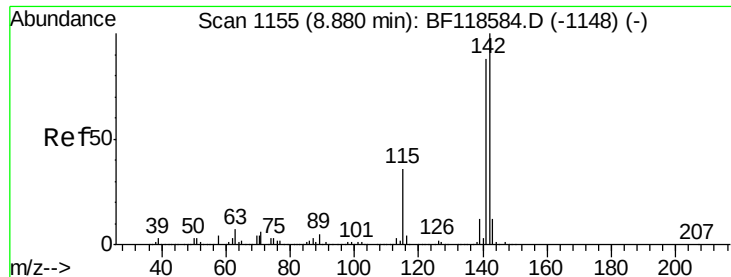
Tot Ion:113 Resp: 224306
Ion Ratio Lower Upper
113 100
55 140.4 119.0 159.0
56 107.9 85.4 125.4



#36
4-Chloro-3-methylphenol
Concen: 40.868 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:107 Resp: 703743
Ion Ratio Lower Upper
107 100
144 26.2 20.9 31.3
142 81.0 64.5 96.7

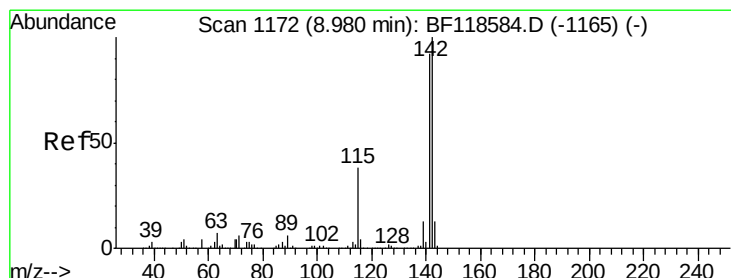
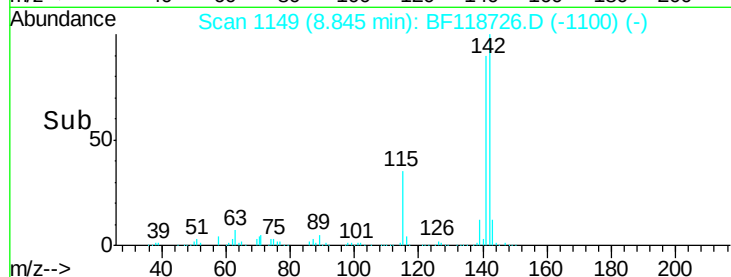
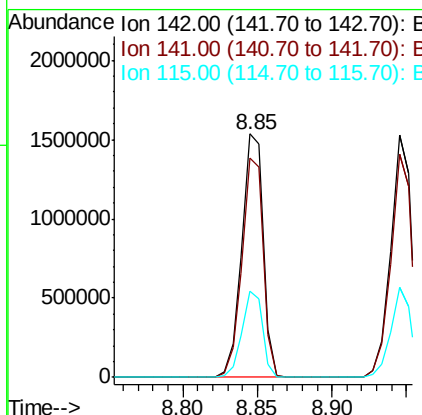
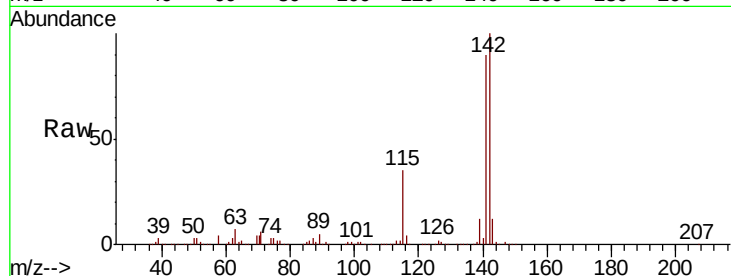




#37
2-Methylnaphthalene
Concen: 41.077 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

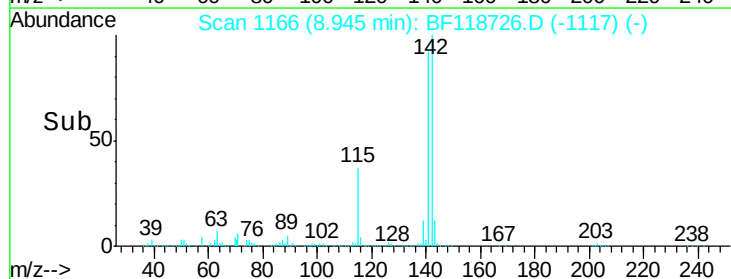
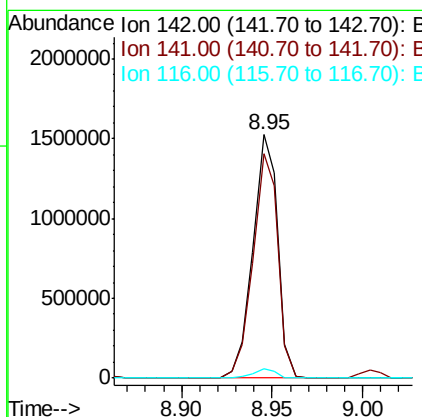
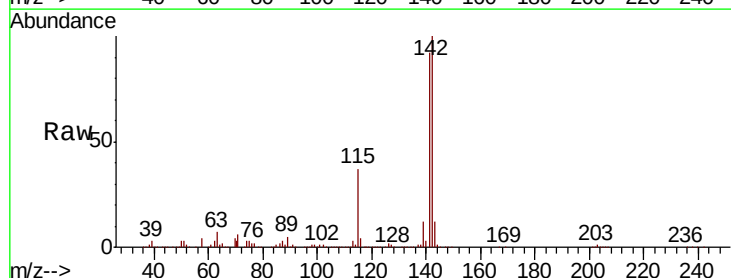
Instrument :
BNA_F
ClientSampleId :

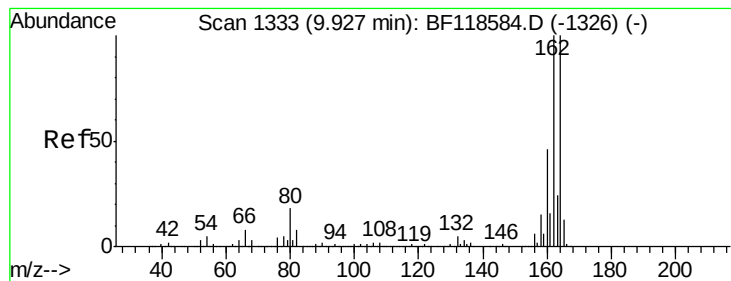
Tot Ion:142 Resp: 1532696
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0
115 35.3 27.5 41.3



#38
1-Methylnaphthalene
Concen: 40.788 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:142 Resp: 1445877
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

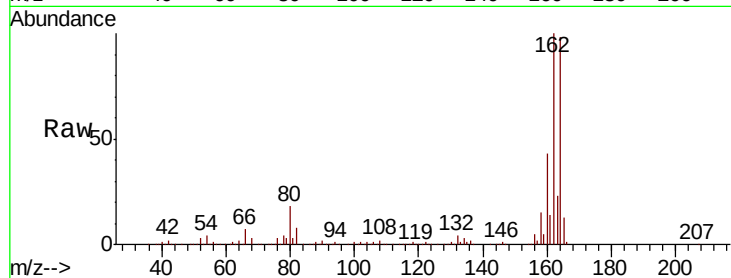
Tot Ion:164 Resp: 648624

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

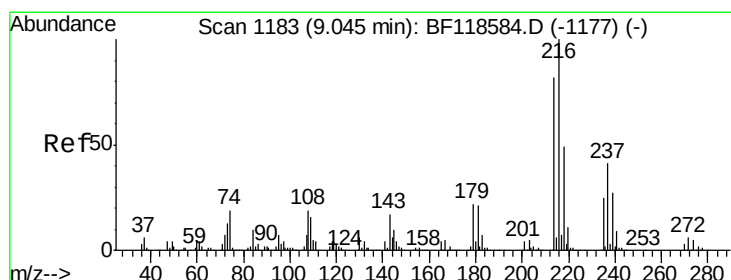
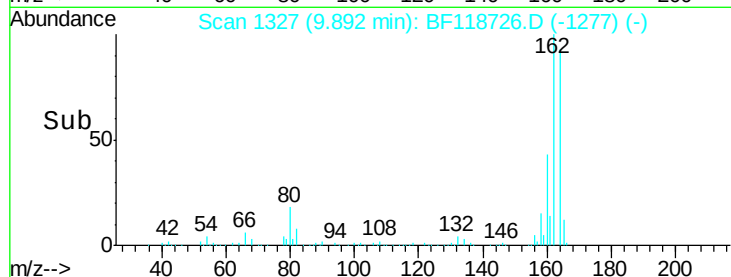
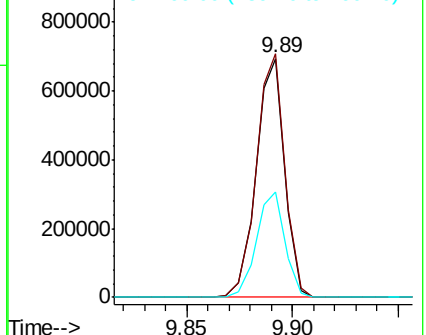
160 44.3 35.4 53.0



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: 40.572 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:216 Resp: 823415

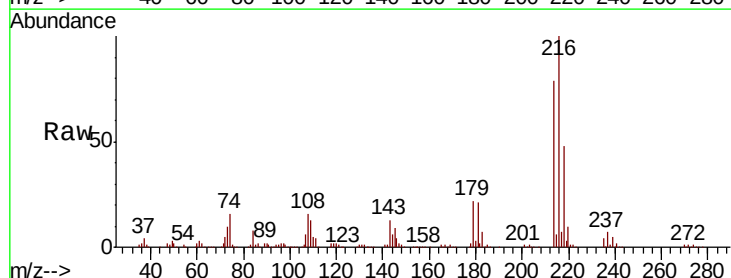
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 20.9 17.0 25.4

108 16.7 13.0 19.6

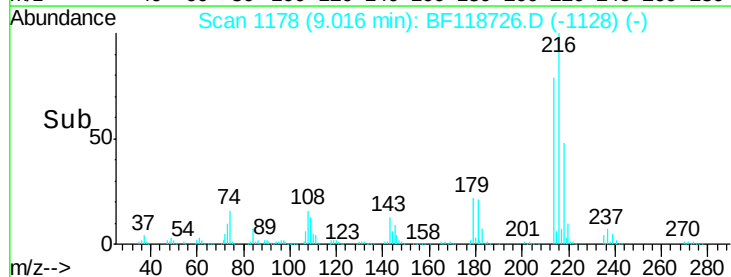
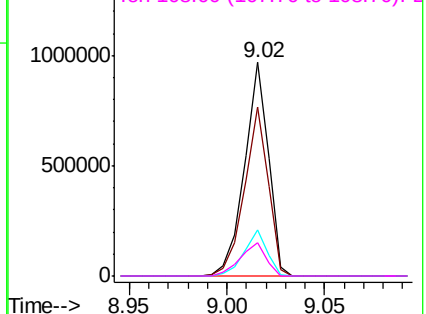


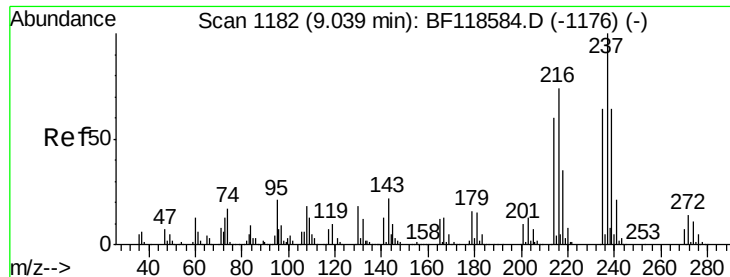
Abundance Ion 216.00 (215.70 to 216.70): E

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

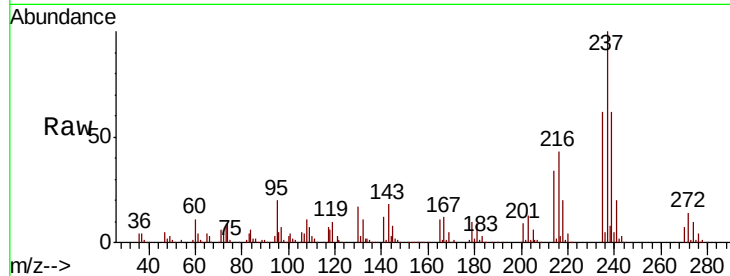




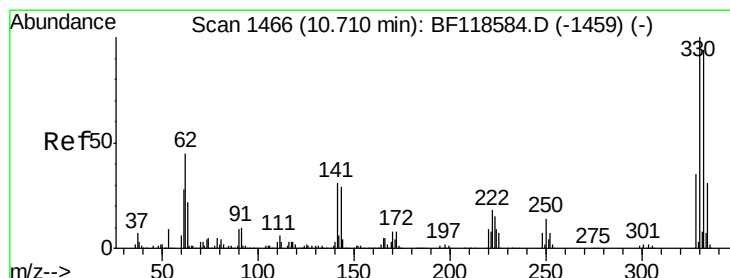
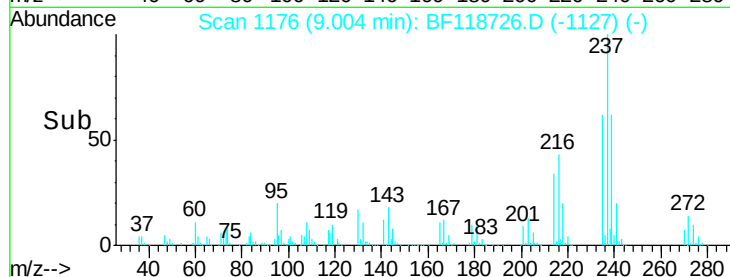
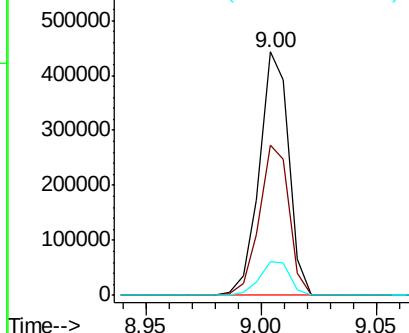
#41
Hexachlorocyclopentadiene
Concen: 38.372 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 392912
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 13.8 0.0 34.4

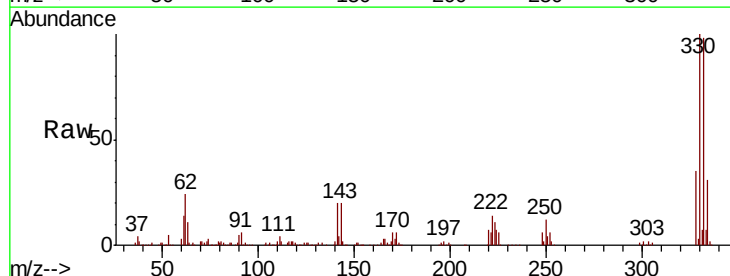


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

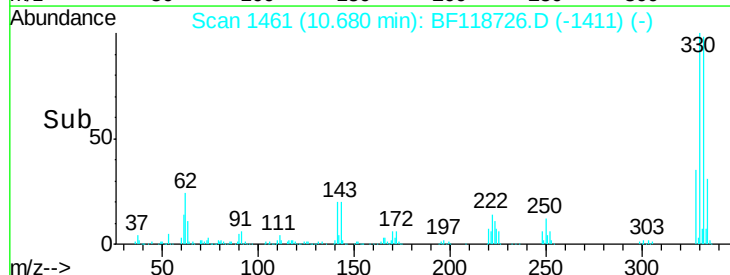
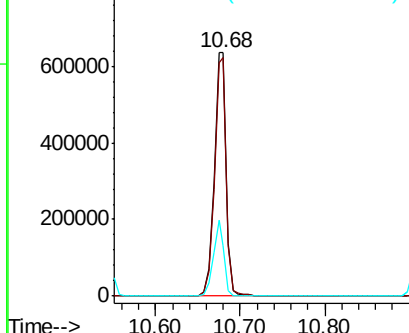


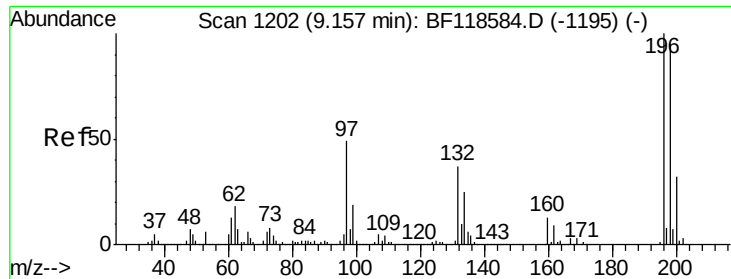
#42
2,4,6-Tribromophenol
Concen: 86.145 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:330 Resp: 646272
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 27.5 22.2 33.2



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

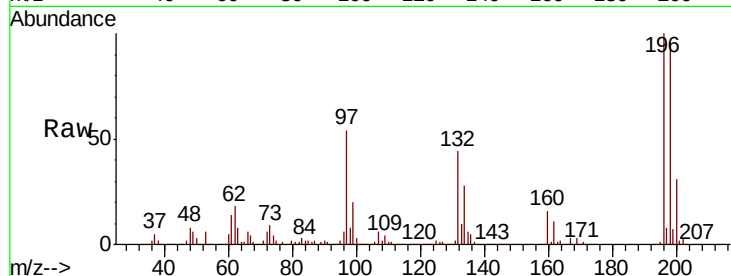




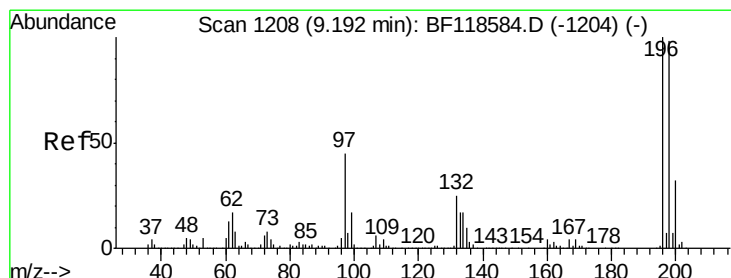
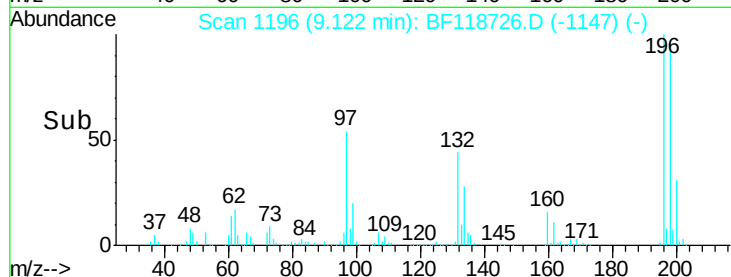
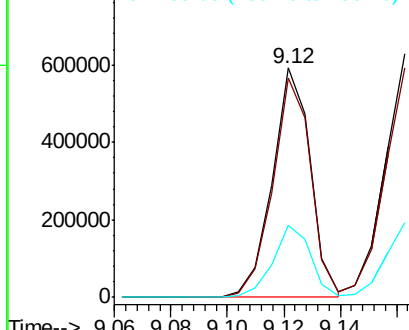
#43
 2,4,6-Trichlorophenol
 Concen: 40.873 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	550453
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.4	114.6
200	31.5	25.4	38.2



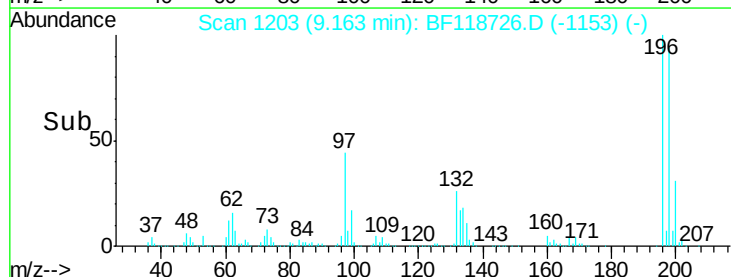
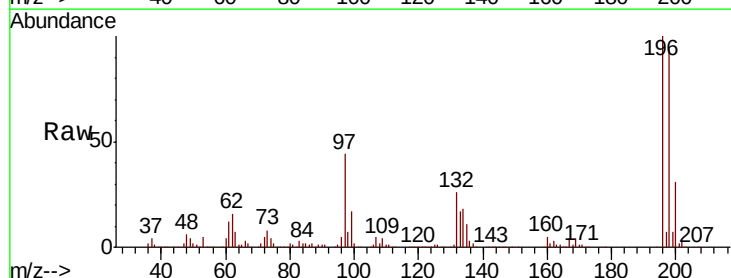
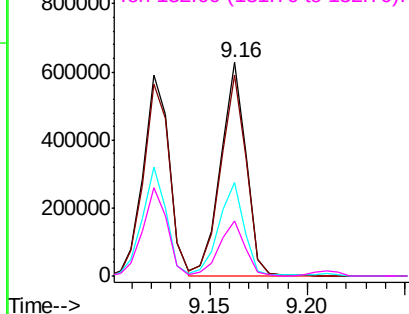
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

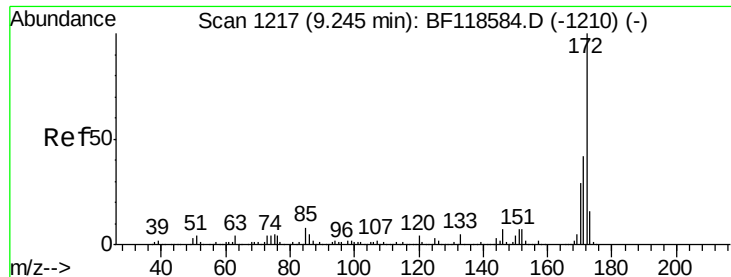


#44
 2,4,5-Trichlorophenol
 Concen: 41.021 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion	196	Resp	564212
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.4
97	43.6	35.7	53.5
132	25.8	21.4	32.0

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

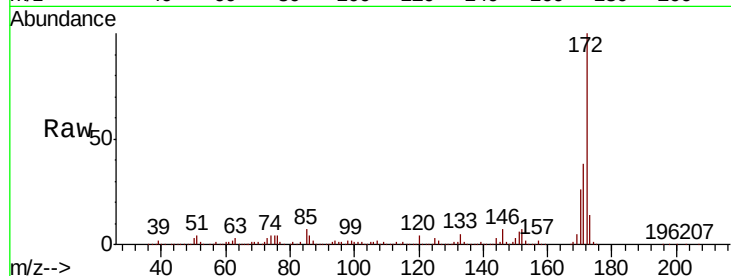




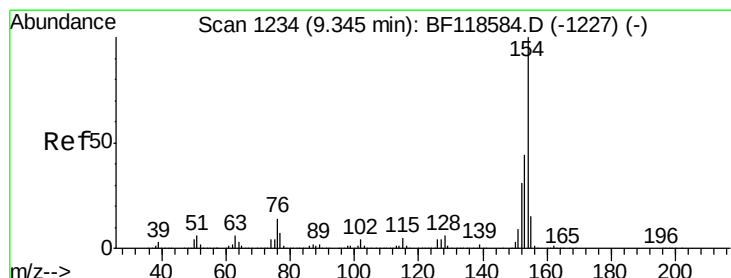
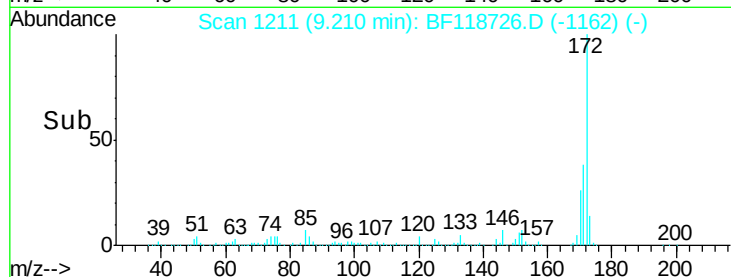
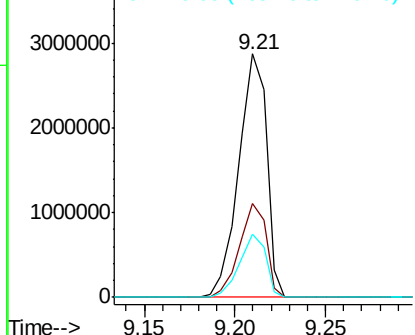
#45
2-Fluorobiphenyl
Concen: 77.618 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3063067
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 25.7 20.7 31.1

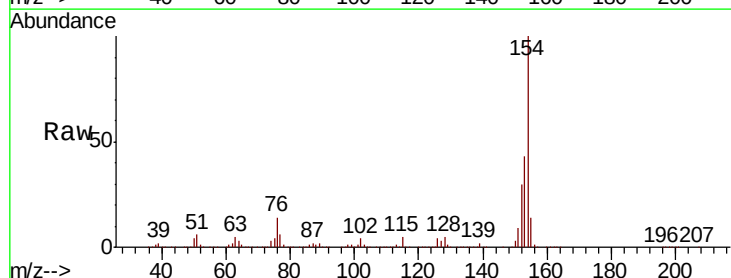


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

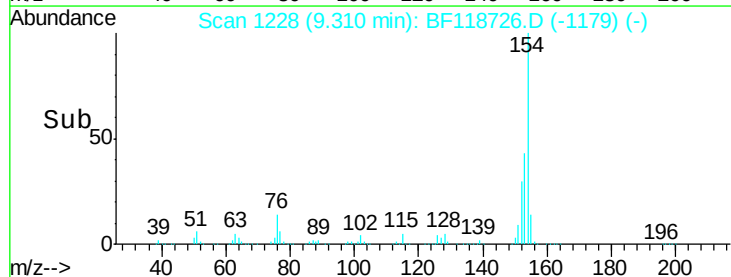
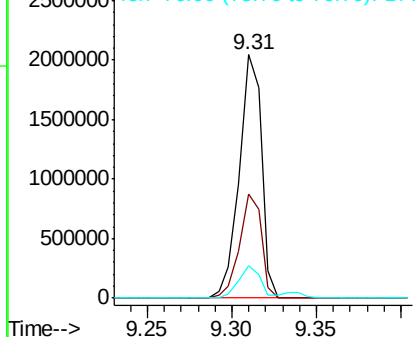


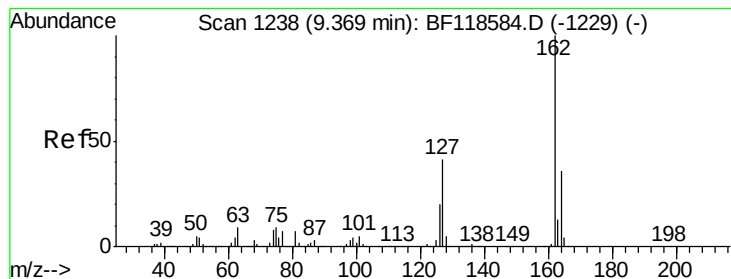
#46
1,1'-Biphenyl
Concen: 42.049 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:154 Resp: 1879706
Ion Ratio Lower Upper
154 100
153 42.9 22.3 62.3
76 13.6 0.0 32.0



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: 41.762 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

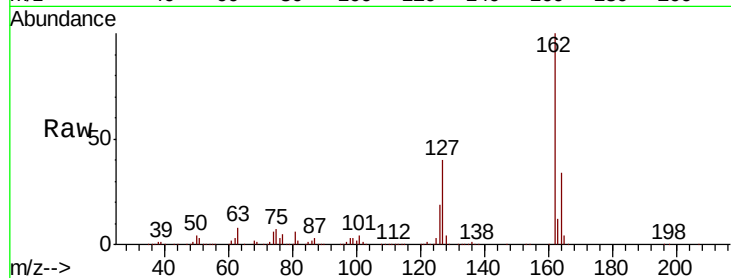
Tot Ion:162 Resp: 1573561

Ion Ratio Lower Upper

162 100

127 40.2 32.9 49.3

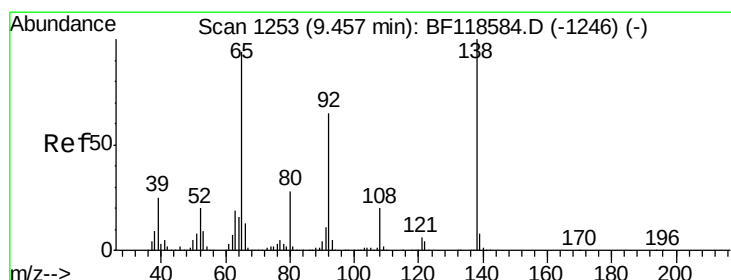
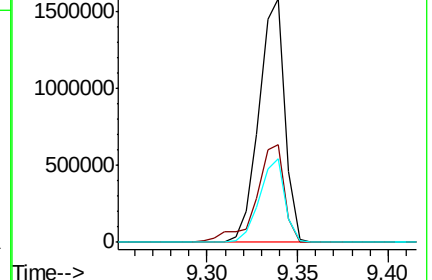
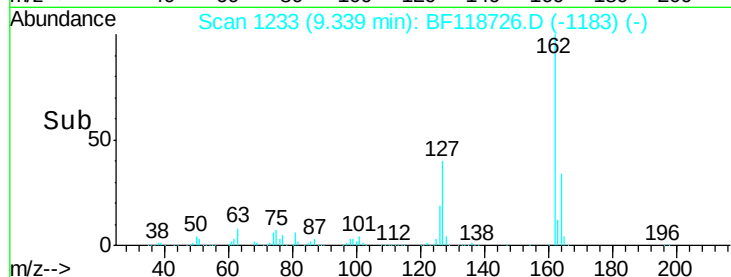
164 34.4 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.826 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

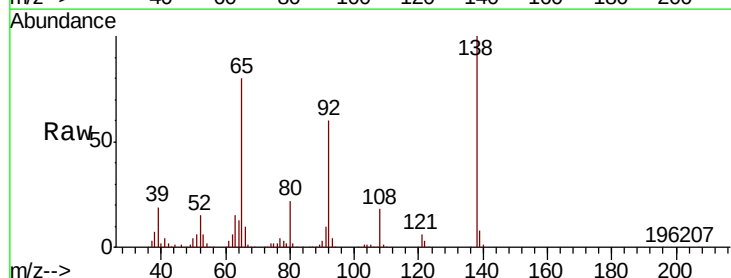
Tgt Ion: 65 Resp: 449704

Ion Ratio Lower Upper

65 100

92 74.9 57.8 86.6

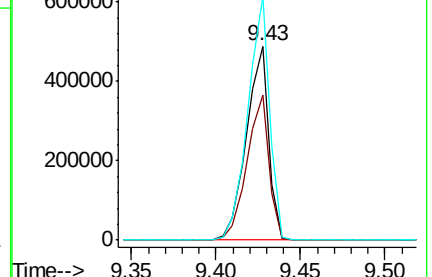
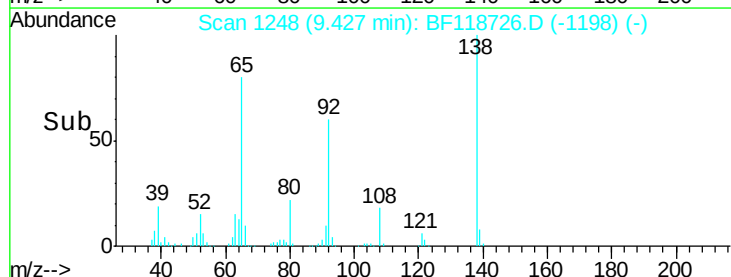
138 125.5 95.1 142.7

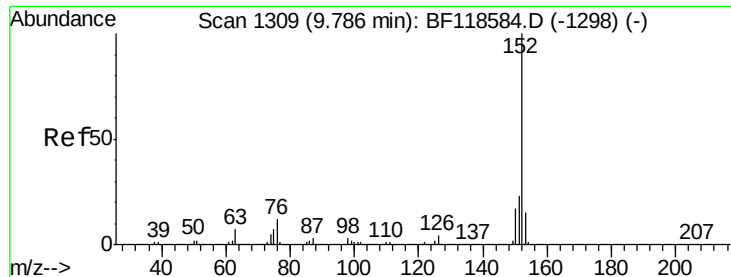


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.319 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

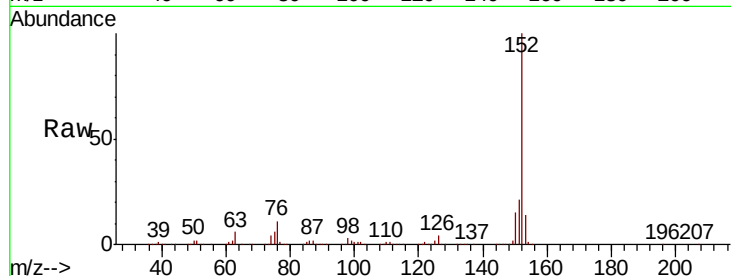
Tot Ion:152 Resp: 2296236

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

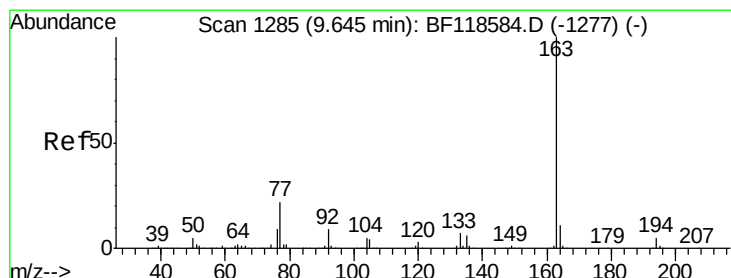
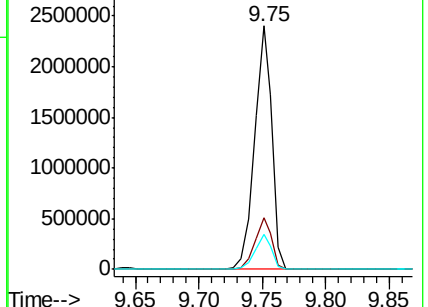
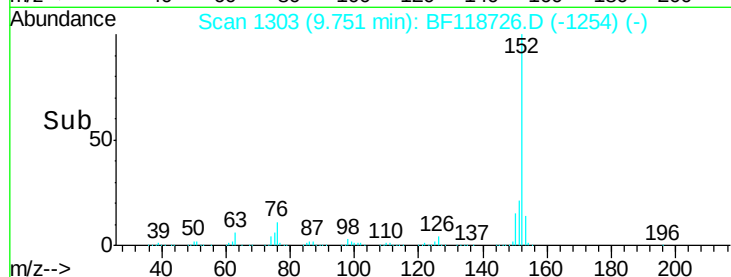
153 14.4 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.738 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

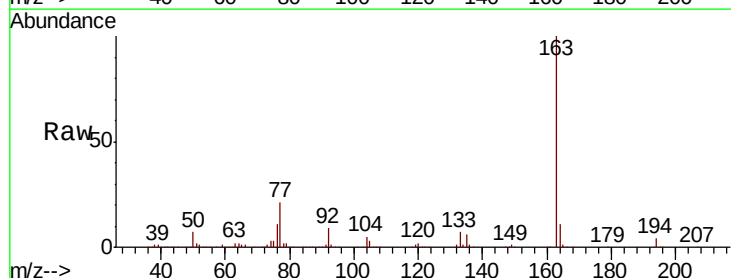
Tgt Ion:163 Resp: 1806037

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

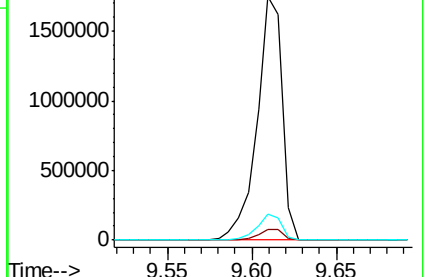
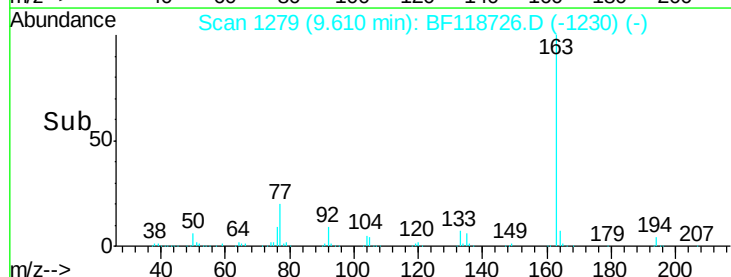
164 10.7 8.2 12.2

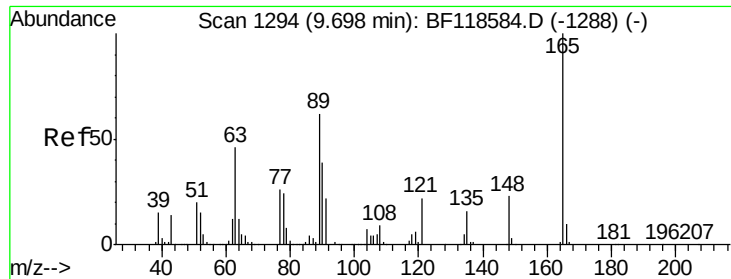


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

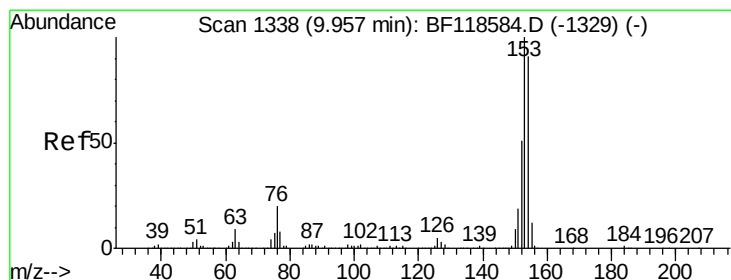
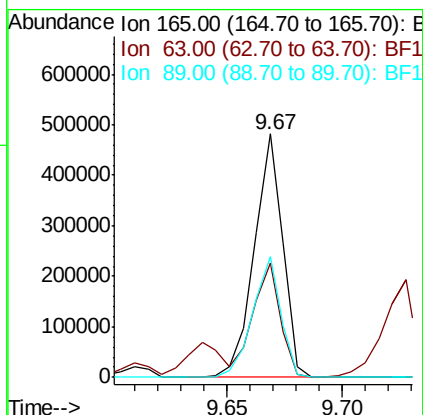
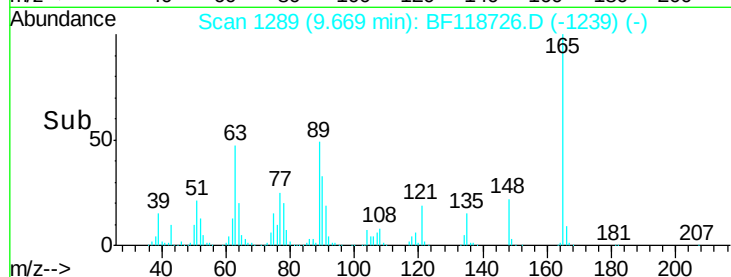
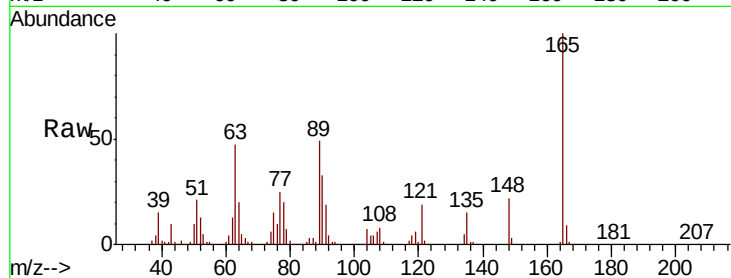




#51
 2,6-Dinitrotoluene
 Concen: 43.924 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

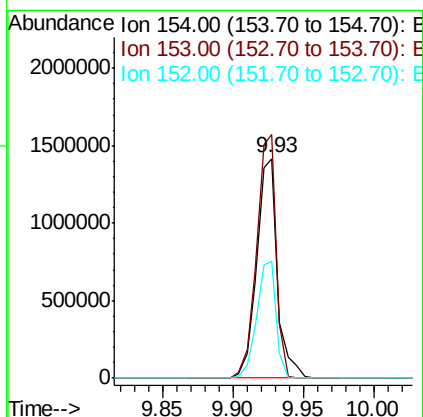
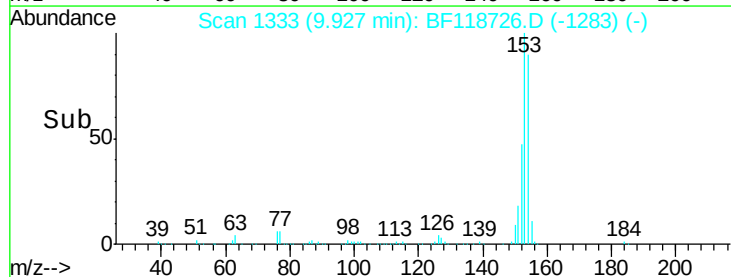
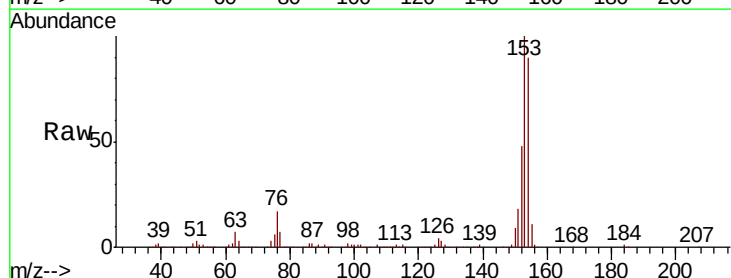
Instrument :
 BNA_F
 ClientSampleId :

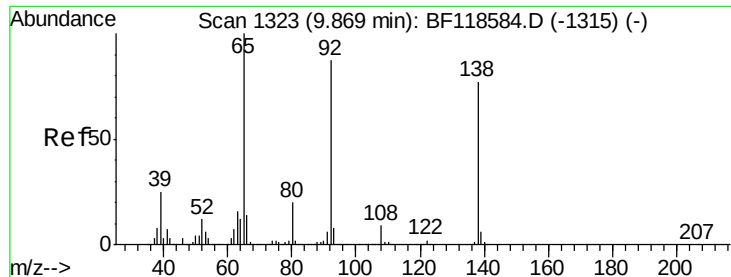
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.0	39.8	59.6
89	49.5	41.4	62.2



#52
 Acenaphthene
 Concen: 41.715 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.1	133.7
152	53.1	43.0	64.6

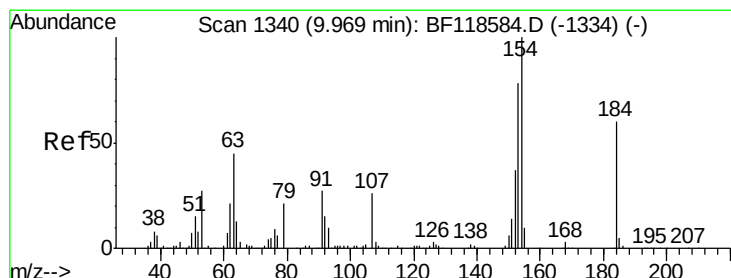
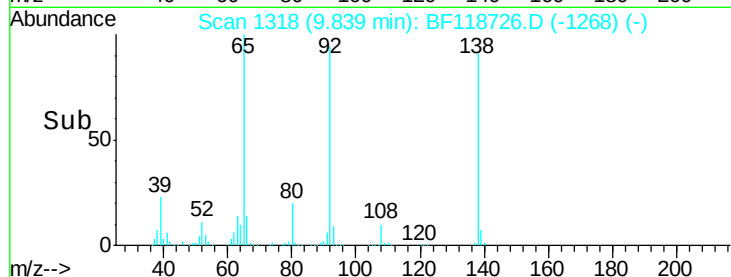
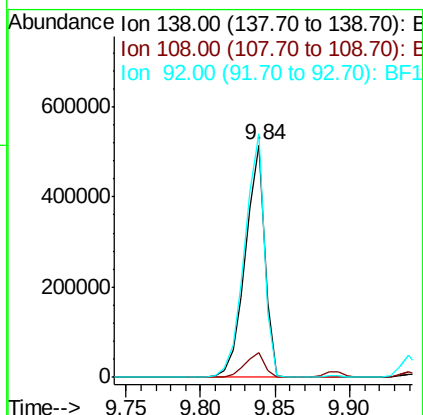
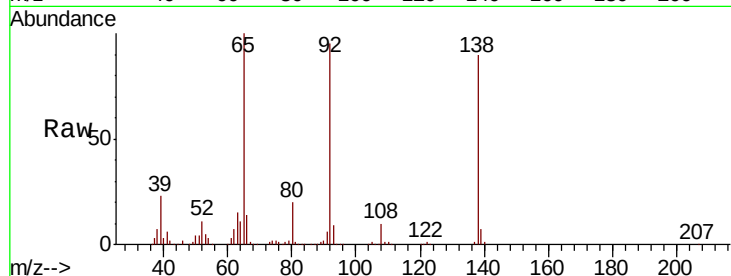




#53
3-Nitroaniline
Concen: 43.205 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

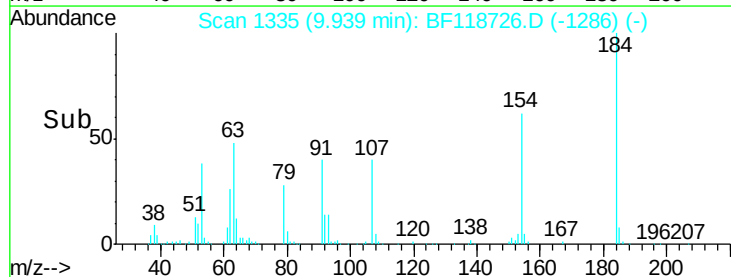
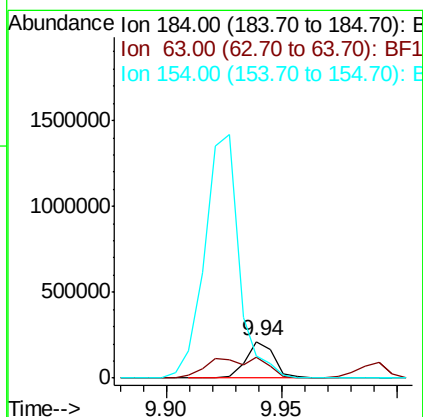
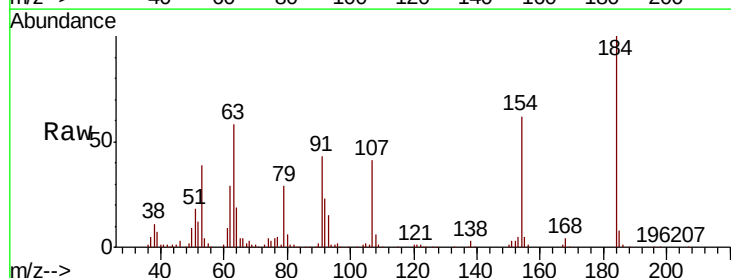
Instrument :
BNA_F
ClientSampleId :

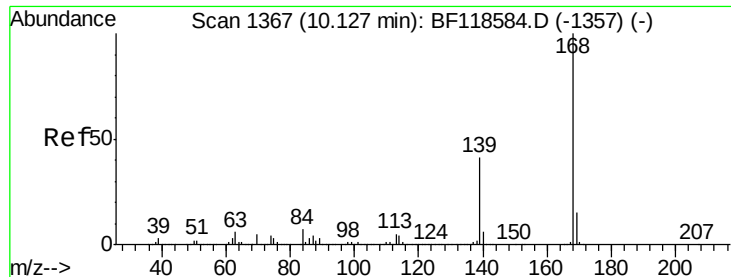
Tot Ion:138 Resp: 466844
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 104.6 87.8 131.6



#54
2,4-Dinitrophenol
Concen: 48.702 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:184 Resp: 183987
Ion Ratio Lower Upper
184 100
63 57.9 36.0 54.0#
154 62.4 44.6 66.8

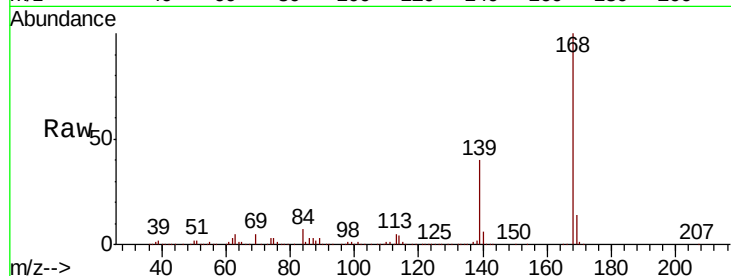




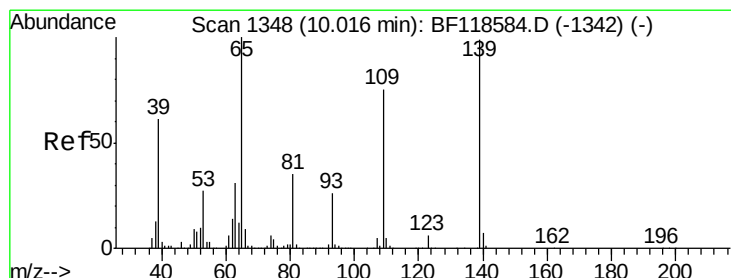
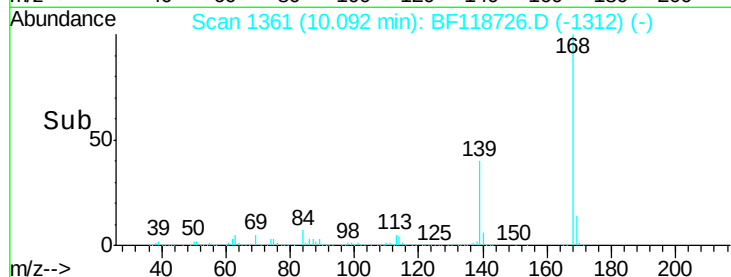
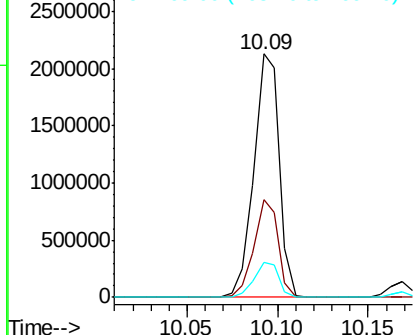
#55
Dibenzofuran
Concen: 42.022 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2064116
Ion Ratio Lower Upper
168 100
139 39.9 31.6 47.4
169 14.4 11.4 17.0

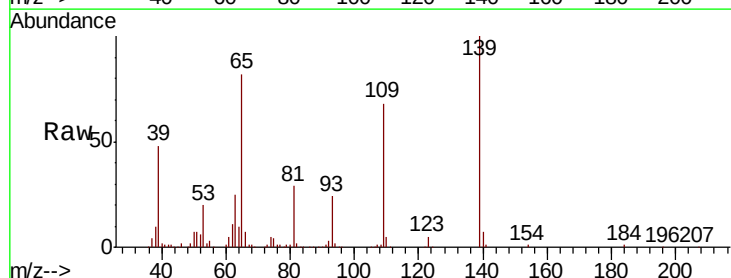


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

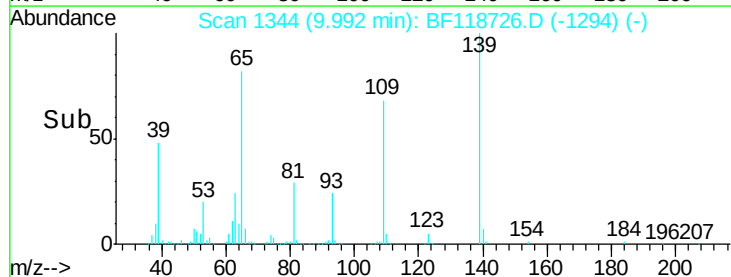
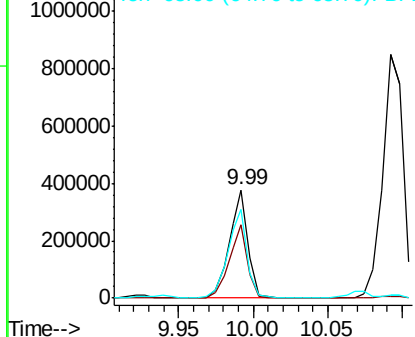


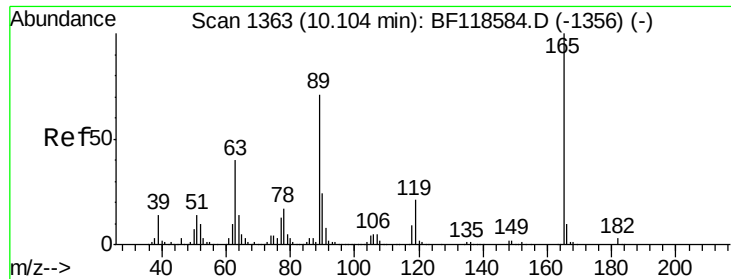
#56
4-Nitrophenol
Concen: 41.137 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:139 Resp: 335559
Ion Ratio Lower Upper
139 100
109 67.5 47.0 87.0
65 82.3 65.7 105.7



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

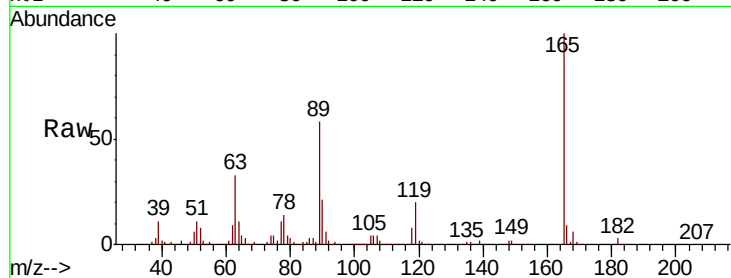




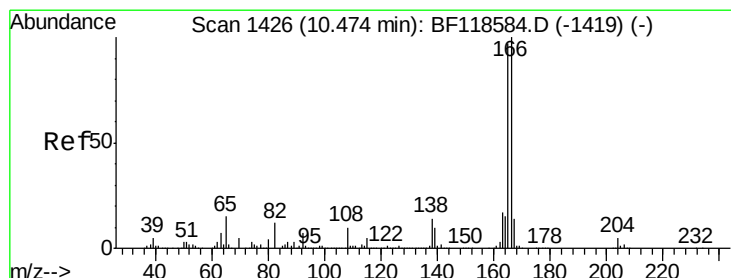
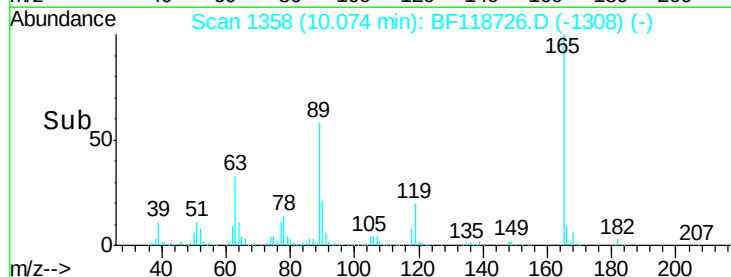
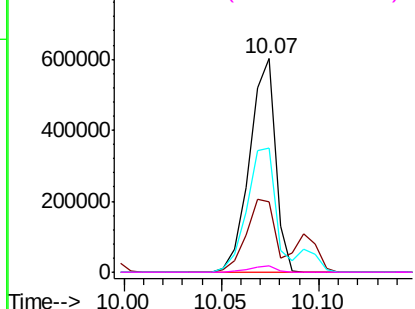
#57
2,4-Dinitrotoluene
Concen: 46.454 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 554161
Ion Ratio Lower Upper
165 100
63 32.9 28.5 42.7
89 58.0 50.4 75.6
182 3.2 2.3 3.5

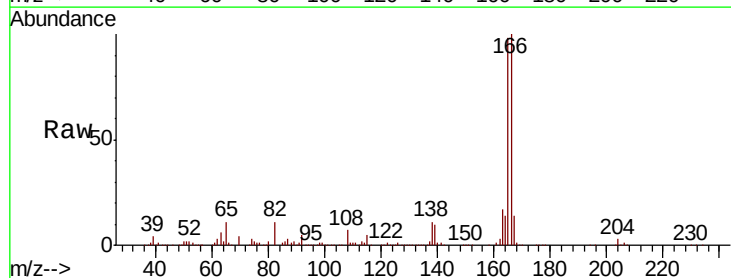


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

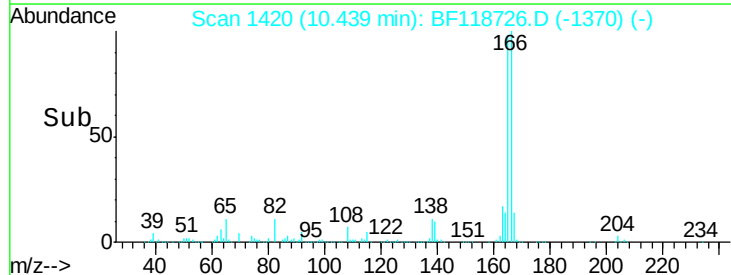
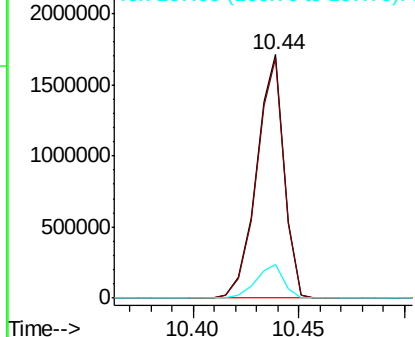


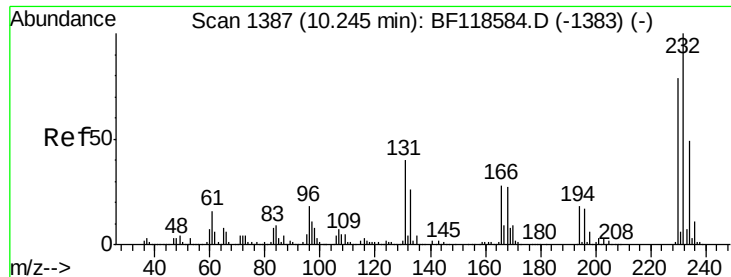
#58
Fluorene
Concen: 40.124 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:166 Resp: 1547222
Ion Ratio Lower Upper
166 100
165 98.4 78.6 118.0
167 13.7 11.4 17.2



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

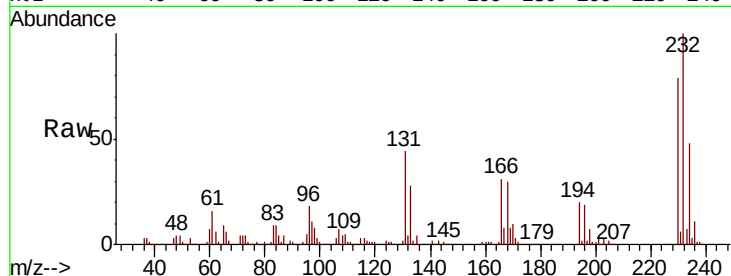




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.239 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	31.8	47.6
130	2.0	1.5	2.3
166	29.1	22.8	34.2



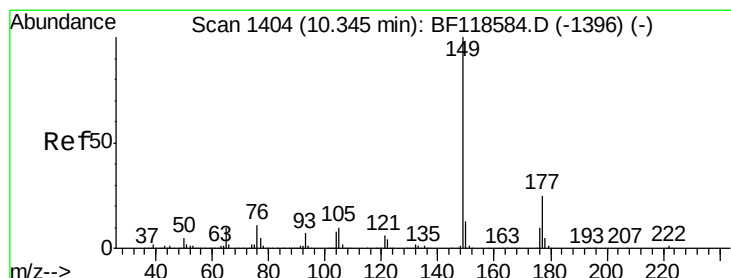
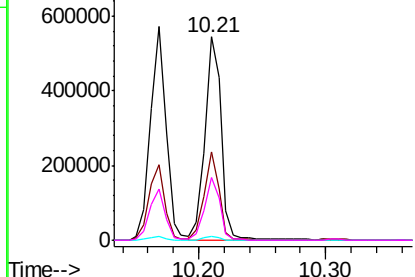
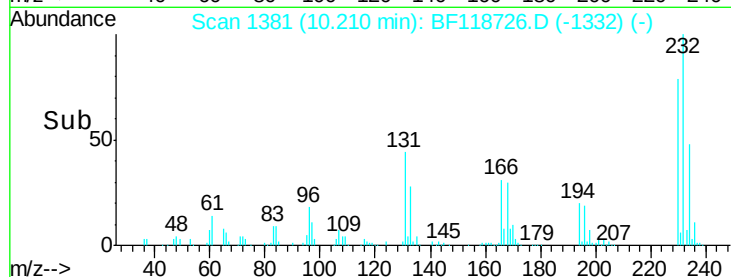
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

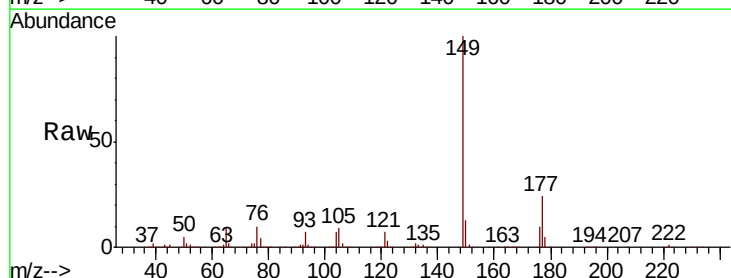
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.928 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	13.2	10.5	15.7

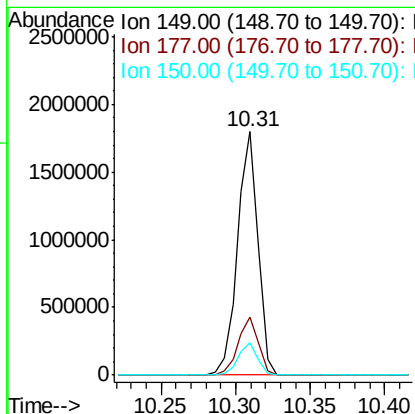
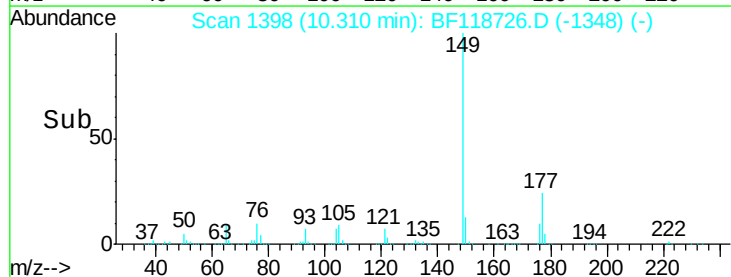


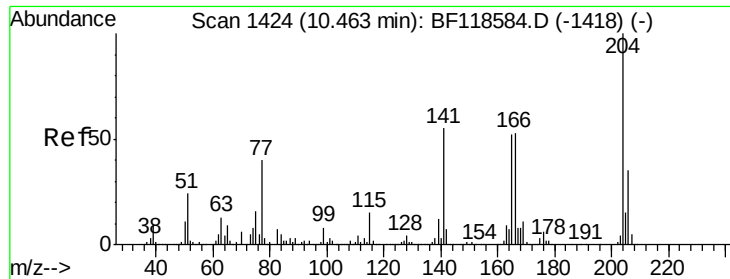
Abundance

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

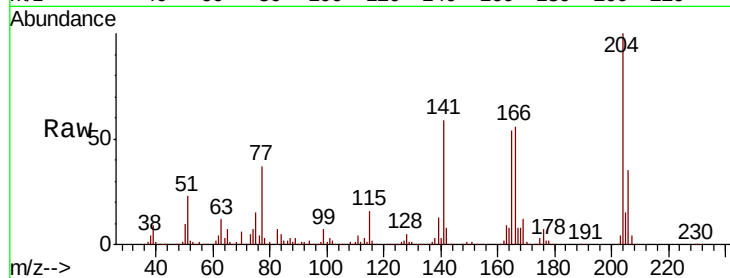




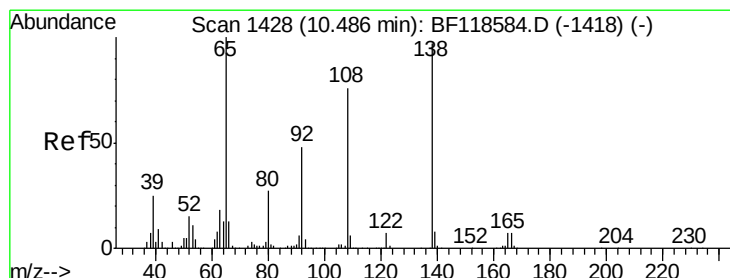
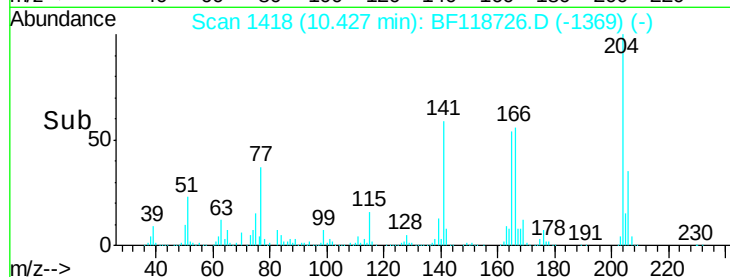
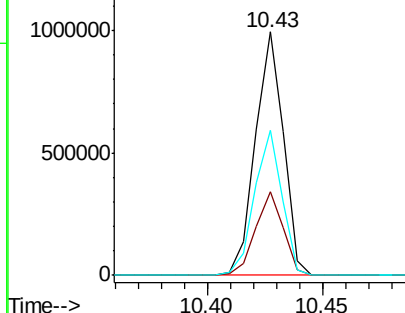
#61
4-Chlorophenyl-phenylether
Concen: 40.254 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 844218
Ion Ratio Lower Upper
204 100
206 34.6 27.0 40.6
141 59.5 43.9 65.9

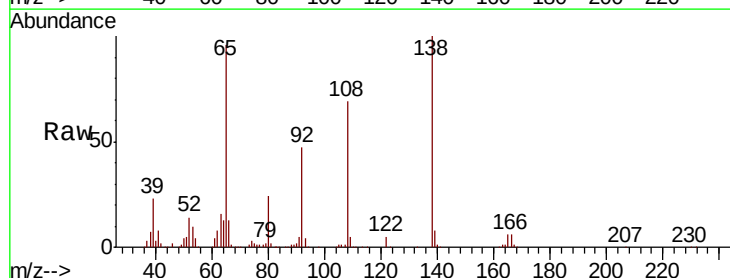


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

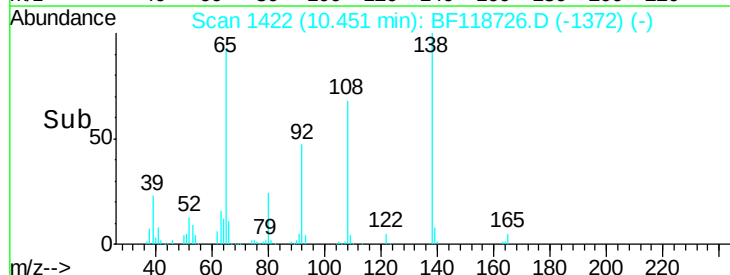
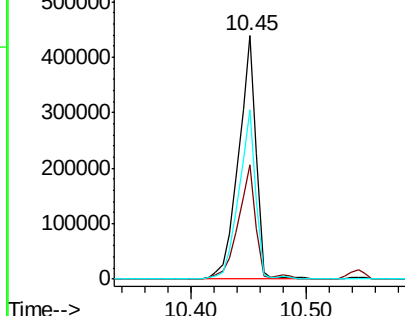


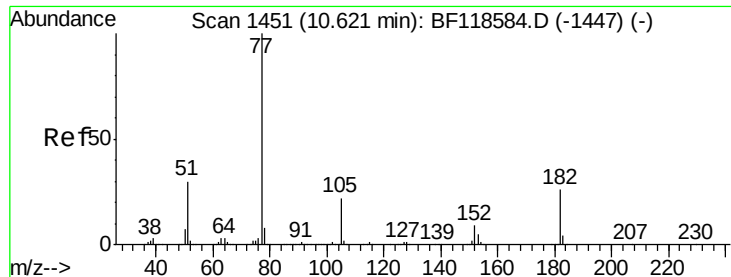
#62
4-Nitroaniline
Concen: 41.733 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:138 Resp: 462560
Ion Ratio Lower Upper
138 100
92 46.9 29.2 69.2
108 69.4 50.8 90.8



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

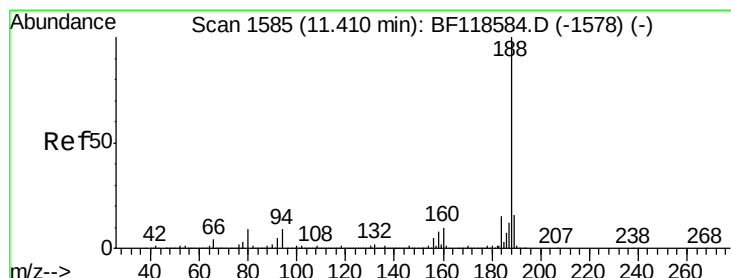
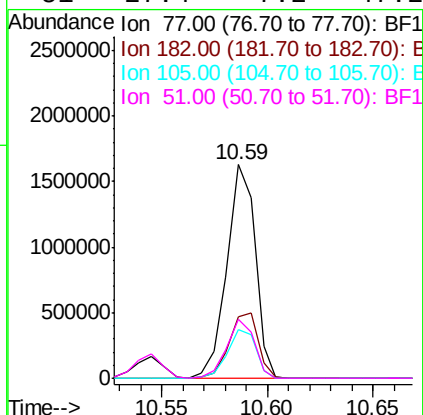
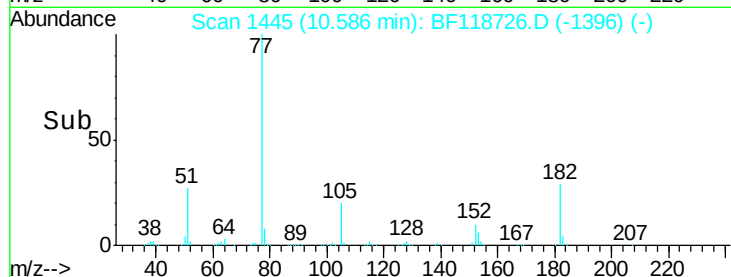
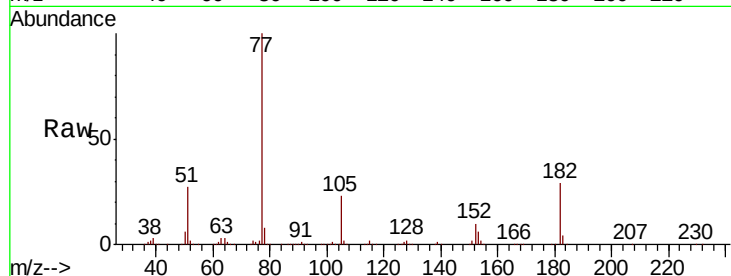




#63
Azobenzene
Concen: 38.069 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

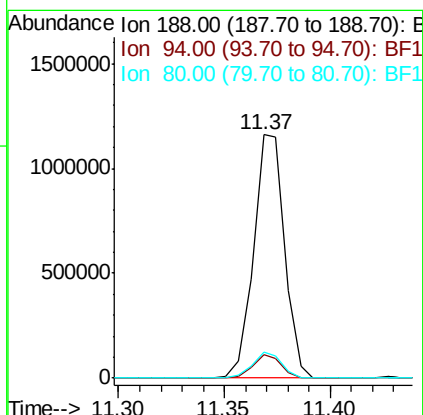
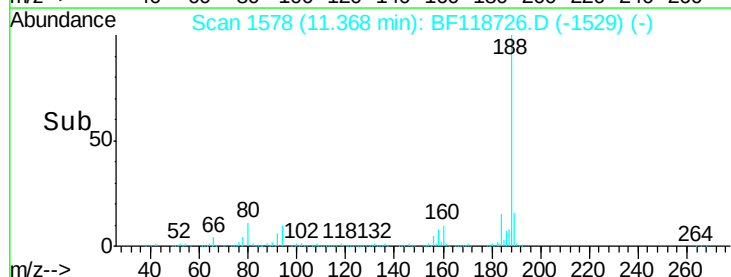
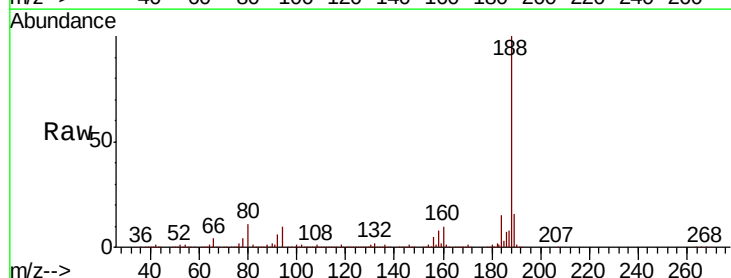
Instrument :
BNA_F
ClientSampled :

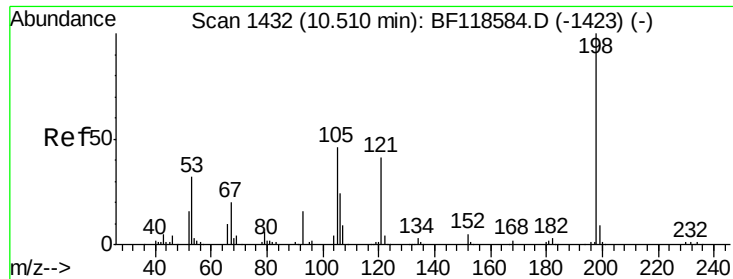
Tot Ion: 77 Resp: 1510617
Ion Ratio Lower Upper
77 100
182 28.7 12.3 52.3
105 23.1 4.0 44.0
51 27.4 7.2 47.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion: 188 Resp: 1183844
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.9 7.8 11.8

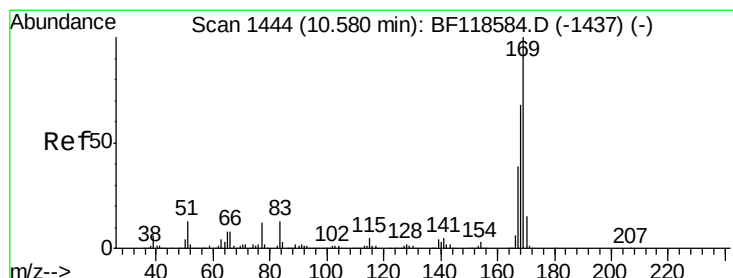
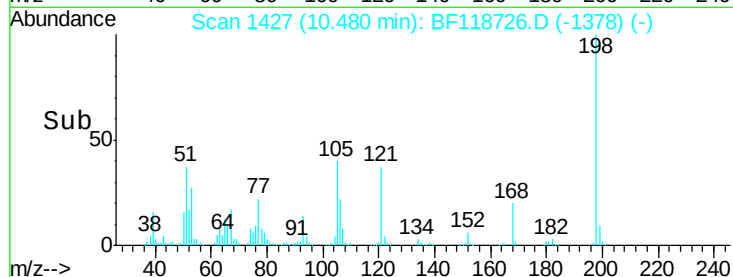
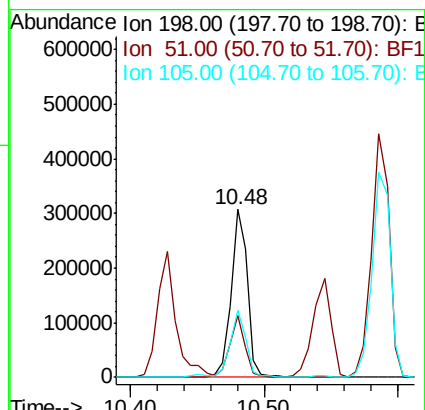
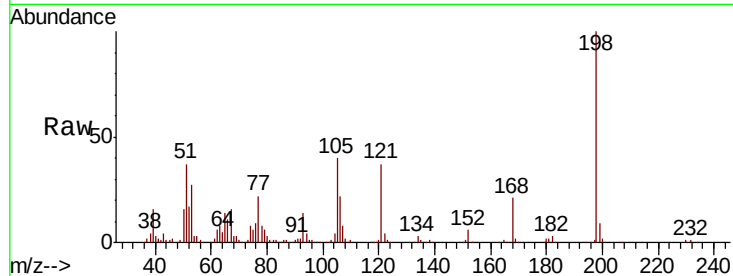




#65
4,6-Dinitro-2-methylphenol
Concen: 51.125 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

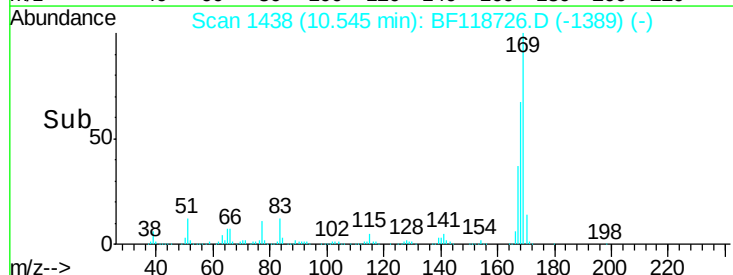
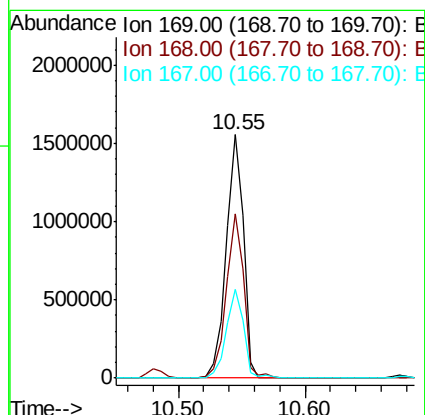
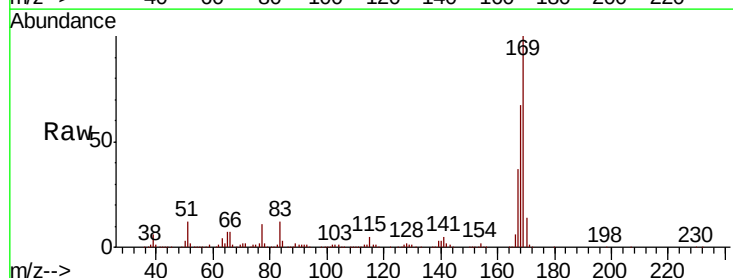
Instrument :
BNA_F
ClientSampled :

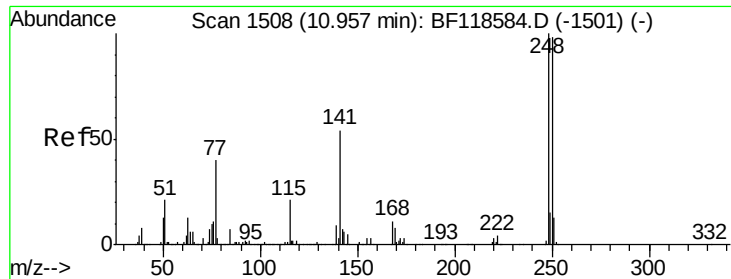
Tot Ion:198 Resp: 266141
Ion Ratio Lower Upper
198 100
51 36.8 9.6 49.6
105 40.2 15.5 55.5



#66
n-Nitrosodiphenylamine
Concen: 41.070 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:169 Resp: 1466293
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.0
167 36.5 29.2 43.8

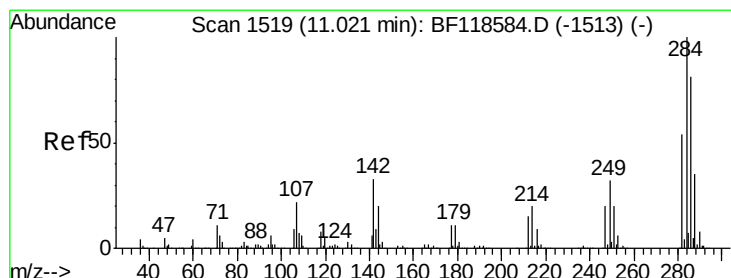
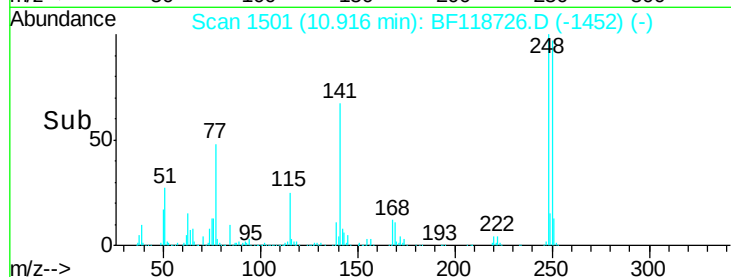
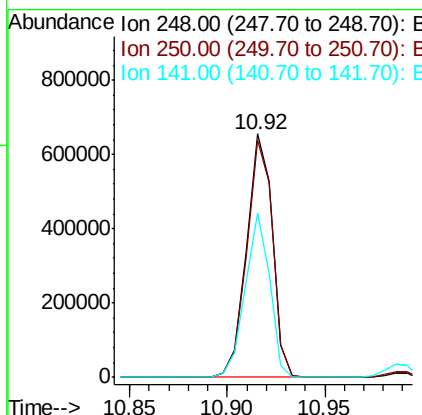
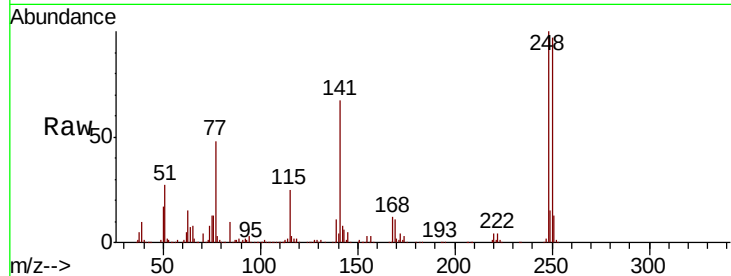




#67
4-Bromophenyl-phenylether
Concen: 40.971 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

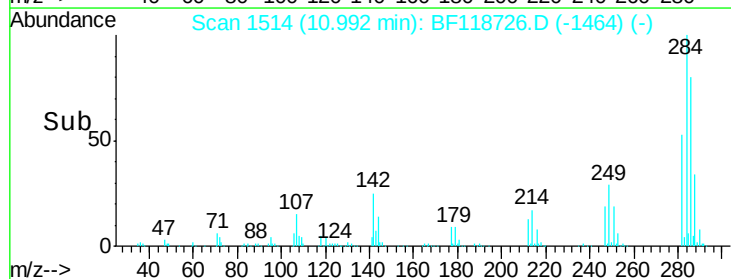
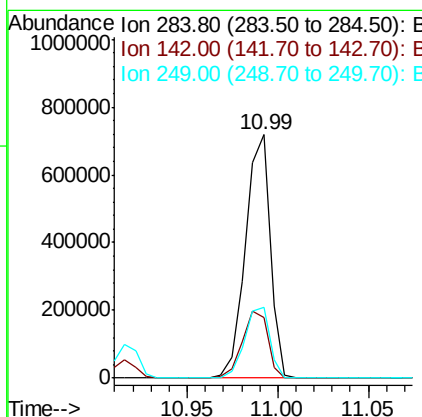
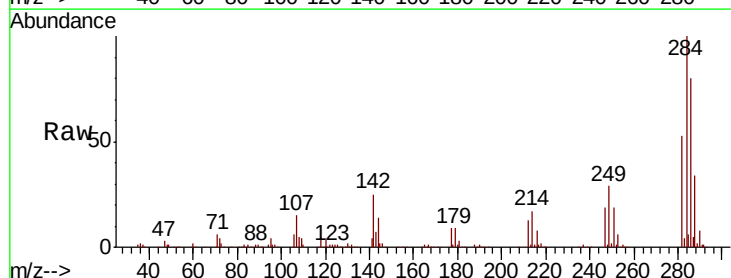
Instrument :
BNA_F
ClientSampled :

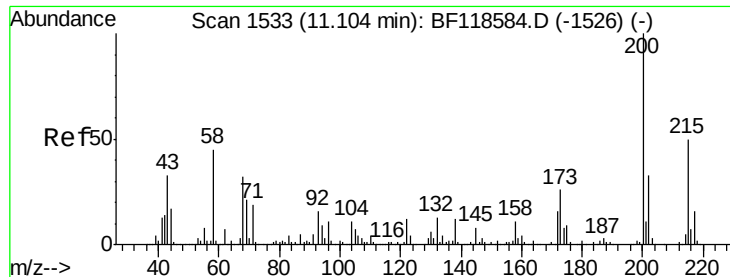
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.7	118.1
141	67.4	48.4	72.6



#68
Hexachlorobenzene
Concen: 41.136 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	23.1	34.7
249	28.9	24.0	36.0





#69

Atrazine

Concen: 39.478 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

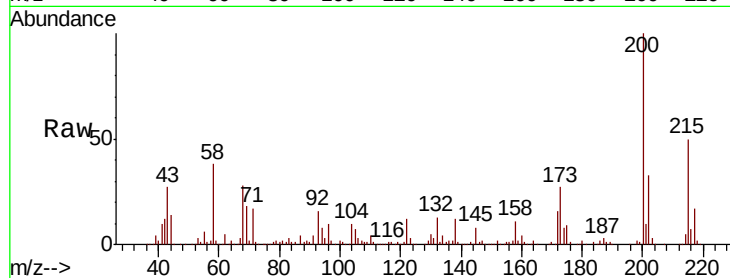
Tot Ion:200 Resp: 488517

Ion Ratio Lower Upper

200 100

173 27.3 6.8 46.8

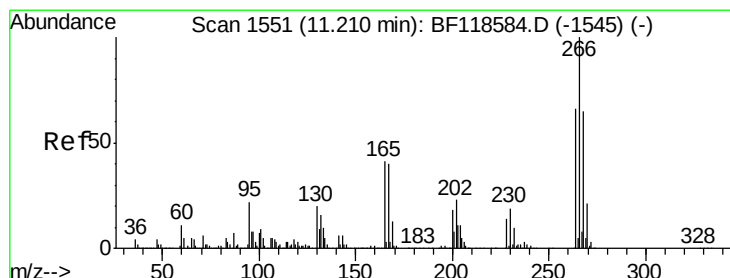
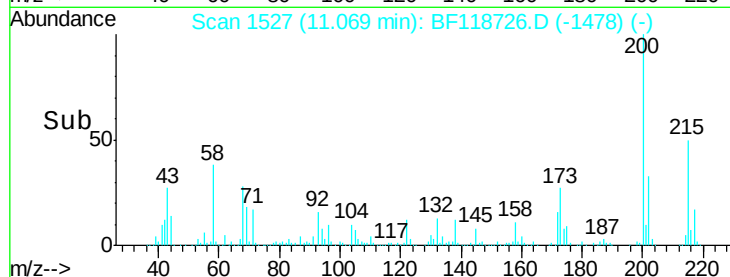
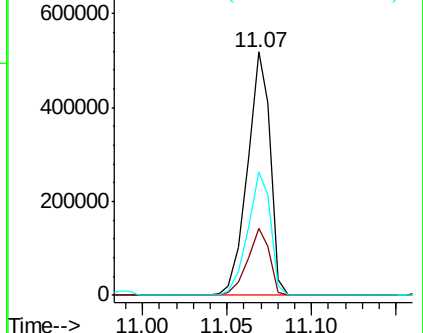
215 50.4 30.4 70.4



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: 40.131 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

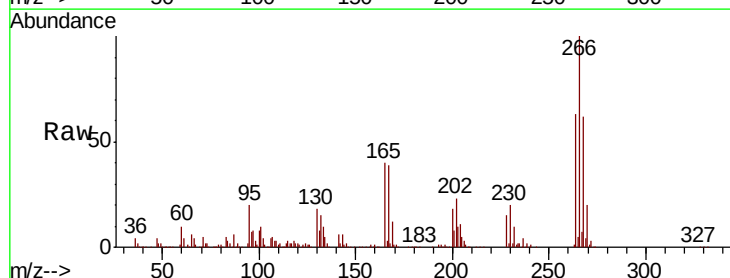
Tgt Ion:266 Resp: 369981

Ion Ratio Lower Upper

266 100

268 62.5 51.6 77.4

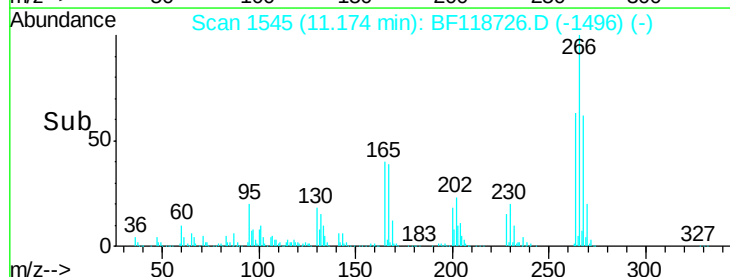
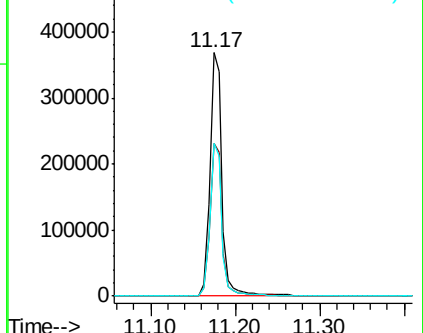
264 62.6 50.9 76.3

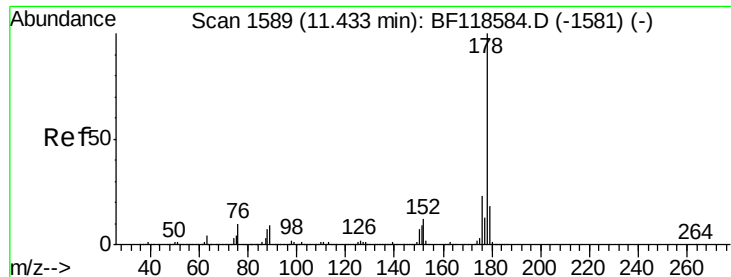


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.821 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

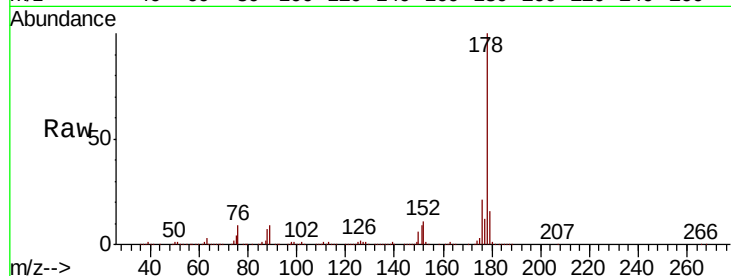
Tot Ion:178 Resp: 2388537

Ion Ratio Lower Upper

178 100

176 20.8 16.5 24.7

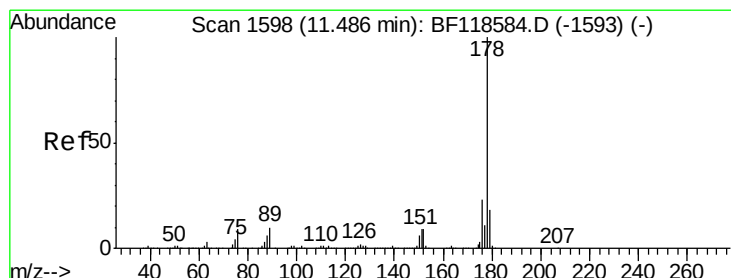
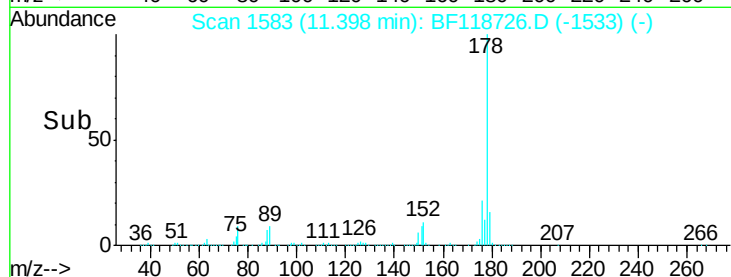
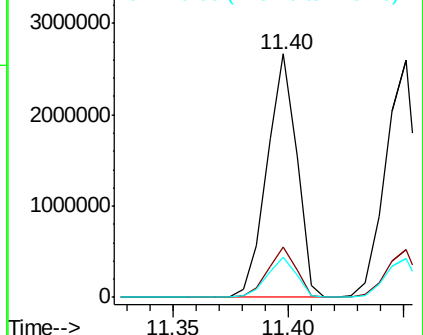
179 16.4 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.425 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

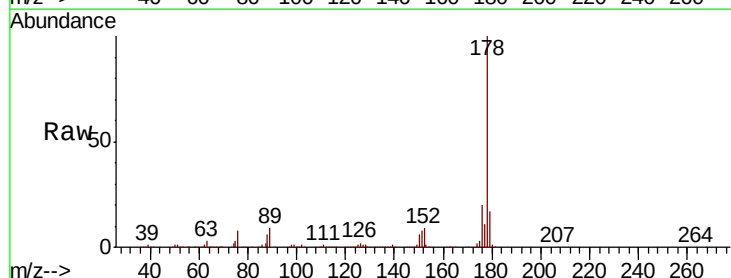
Tgt Ion:178 Resp: 2397577

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

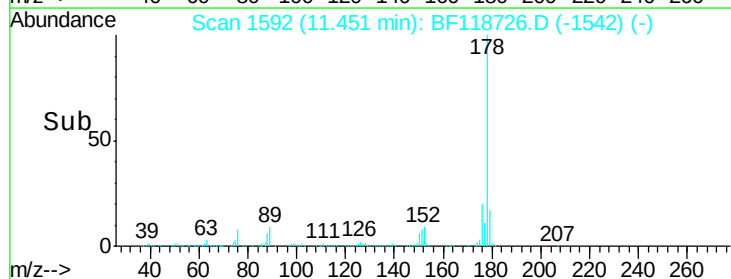
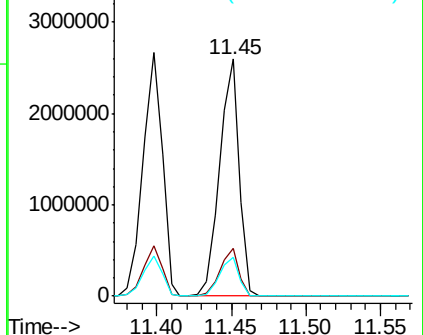
179 16.5 13.3 19.9

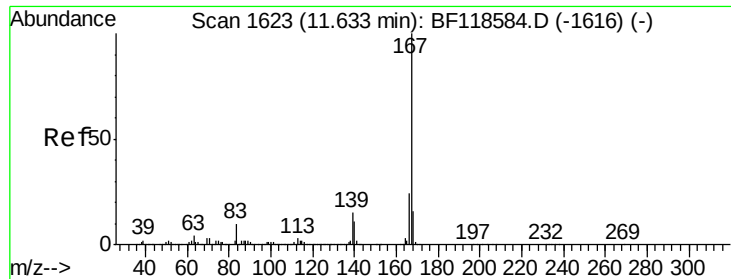


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



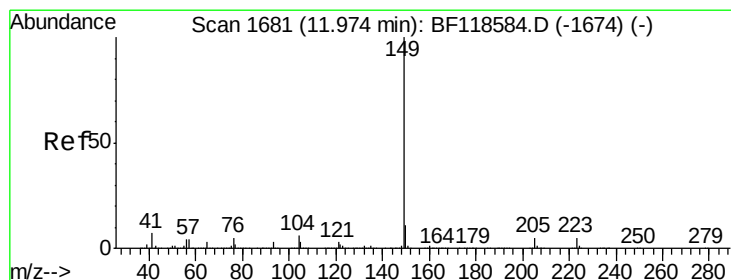
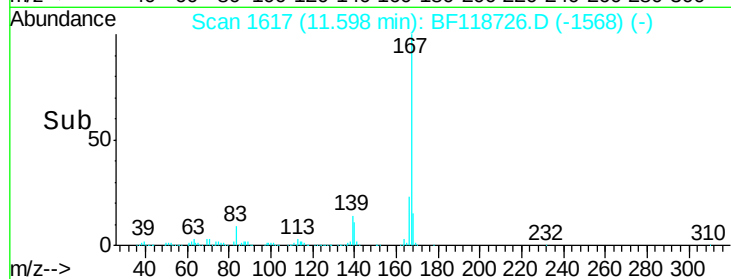
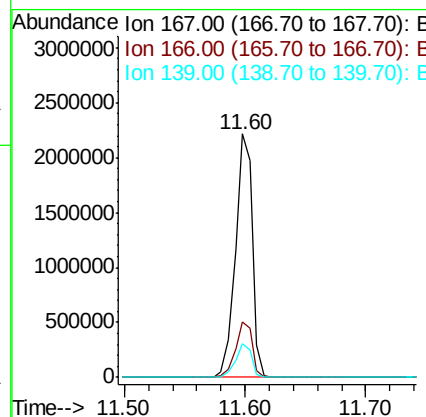
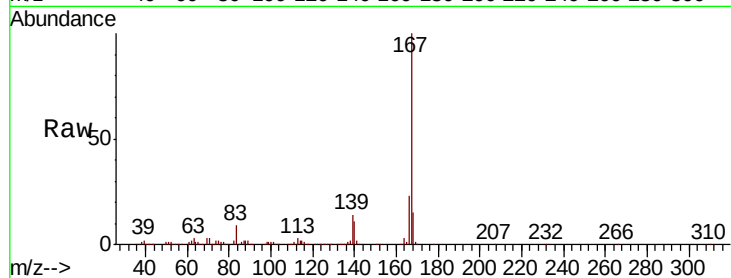


#73
 Carbazole
 Concen: 41.349 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 2143407

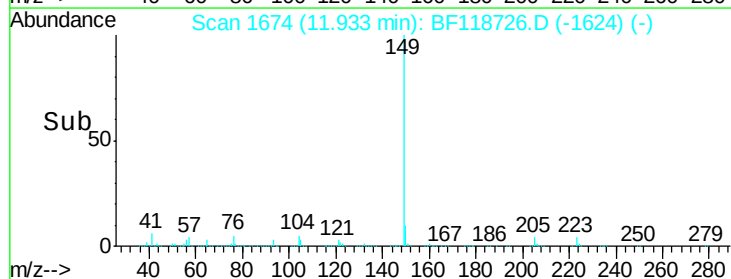
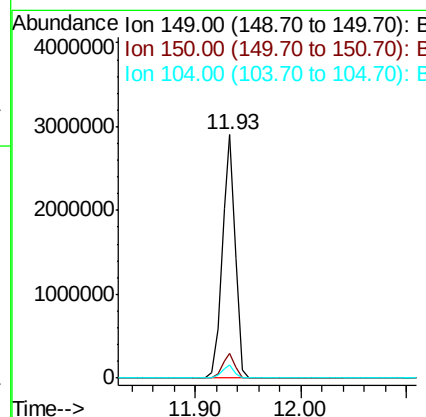
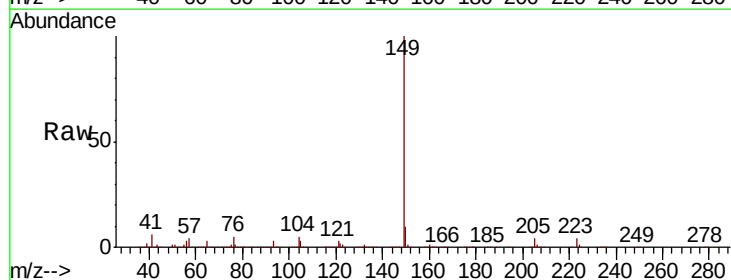
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	14.0	11.0	16.4

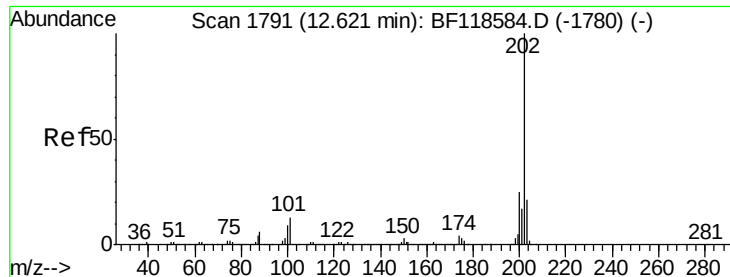


#74
 Di-n-butylphthalate
 Concen: 43.645 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion:149 Resp: 2513591

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 41.745 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

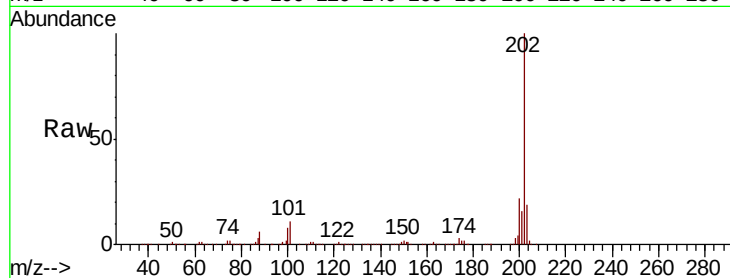
Tot Ion:202 Resp: 2514688

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.1

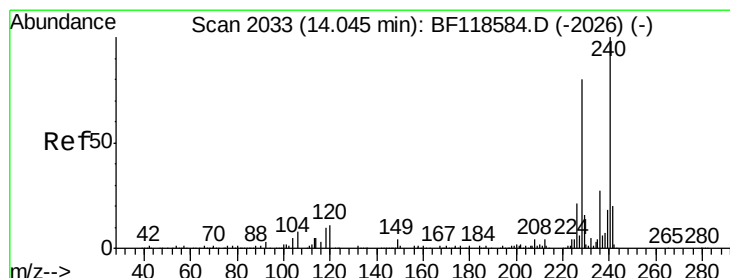
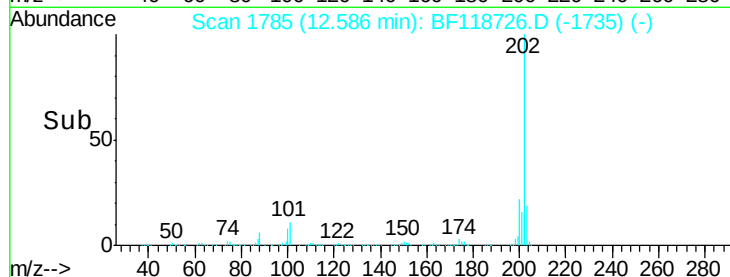
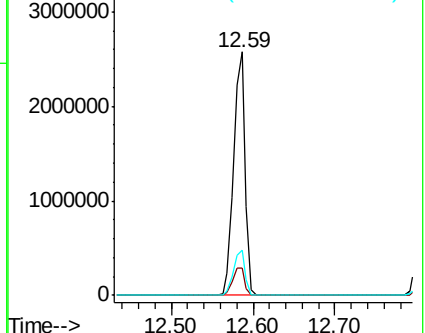
203 18.8 0.0 38.9



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

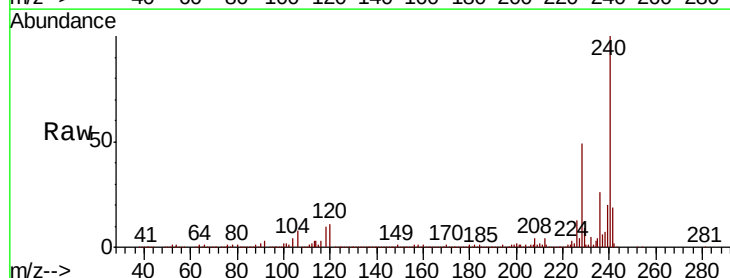
Tgt Ion:240 Resp: 862408

Ion Ratio Lower Upper

240 100

120 11.1 7.6 11.4

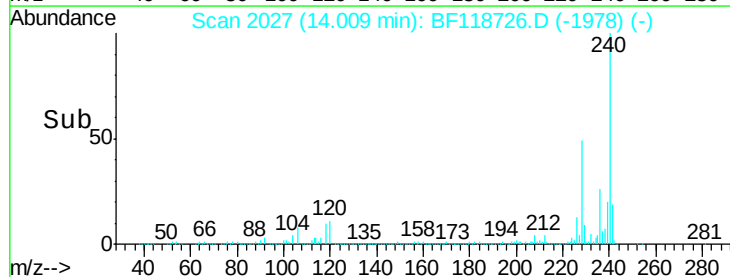
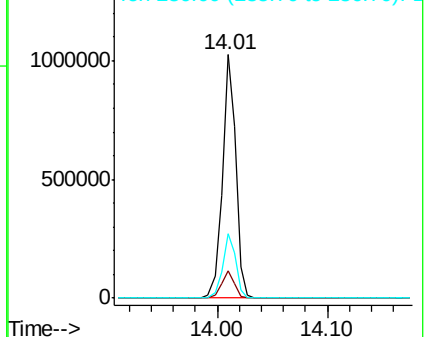
236 26.2 21.0 31.4

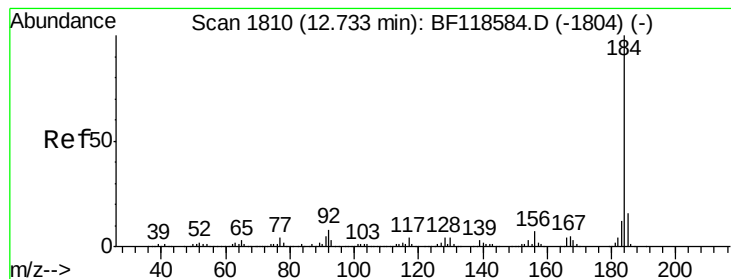


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.255 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

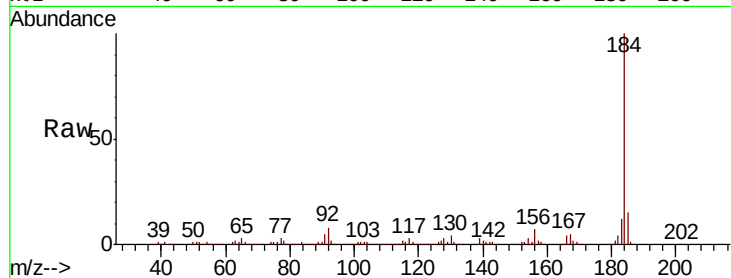
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1111937

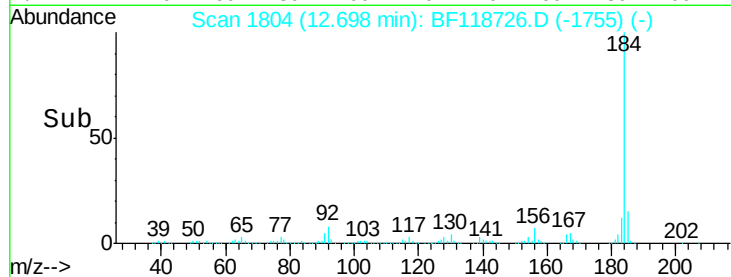
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.8
183	12.3	9.7	14.5



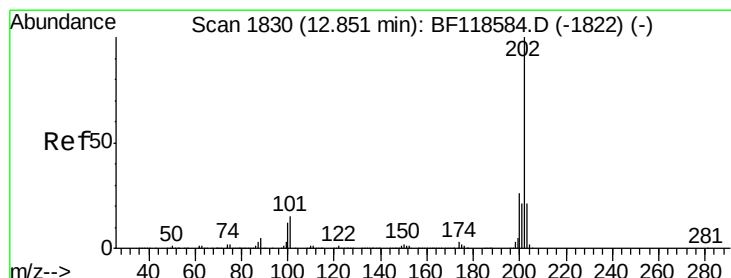
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 43.332 ng

RT: 12.82 min Scan# 1824

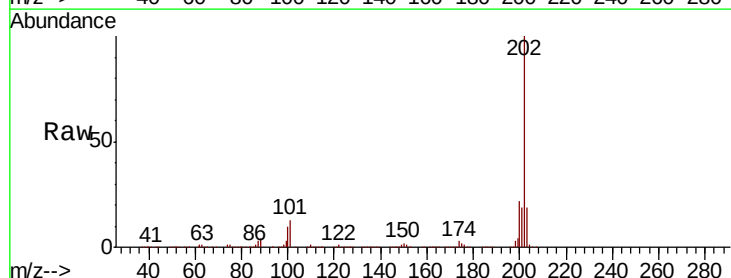
Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:202 Resp: 2537094

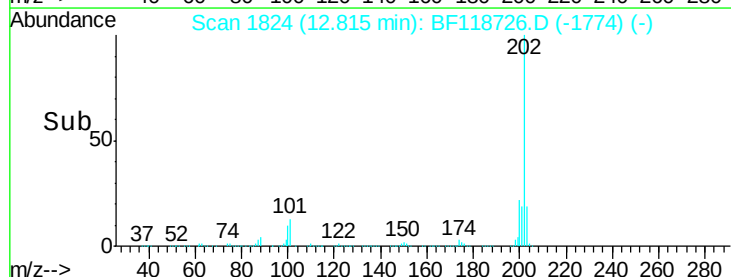
Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.1	27.1
203	18.8	15.2	22.8



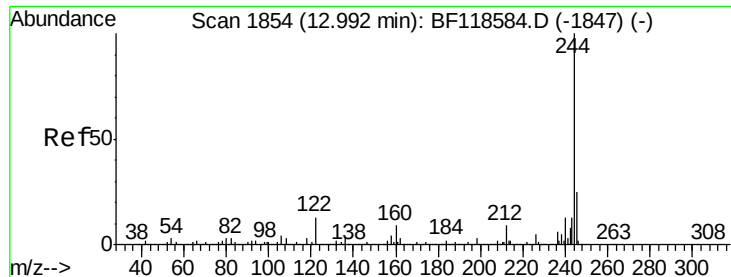
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



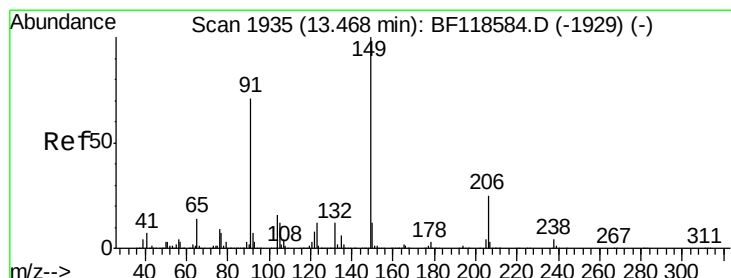
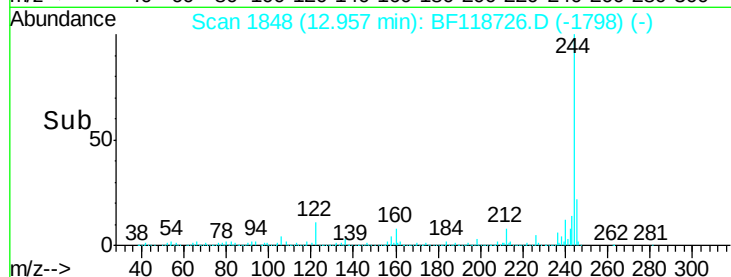
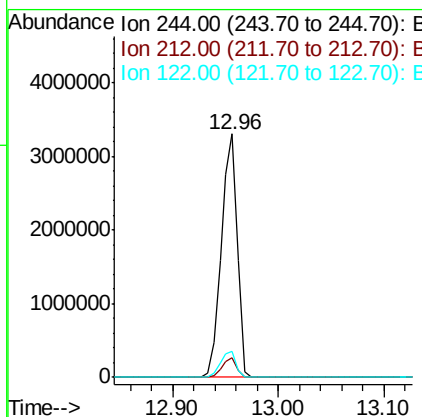
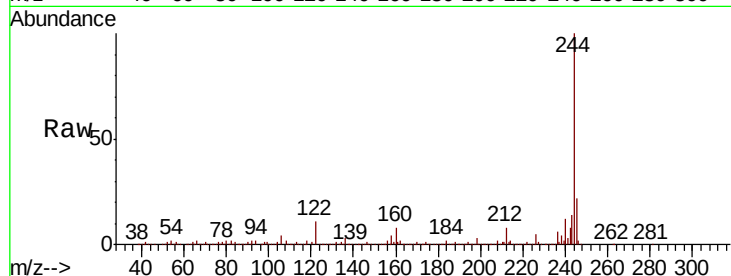
Time-->



#79
 Terphenyl-d14
 Concen: 88.281 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

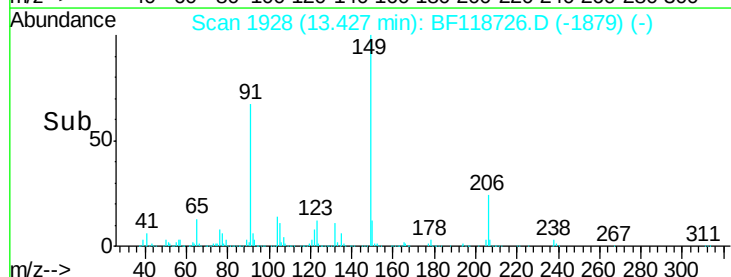
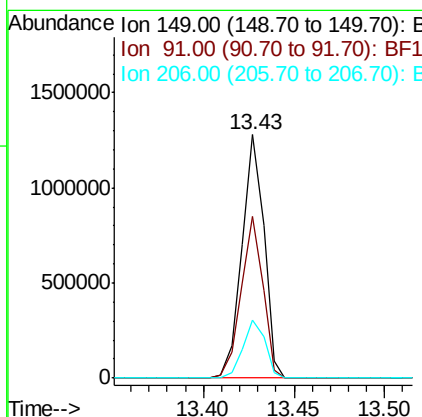
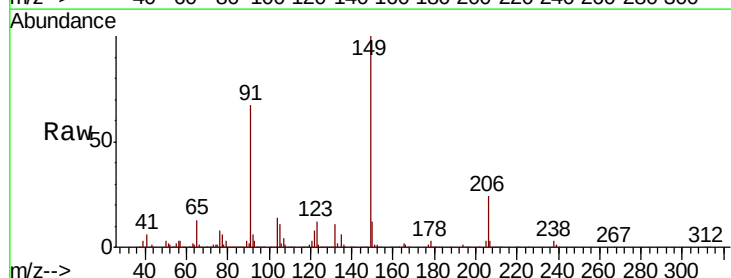
Instrument :
 BNA_F
 ClientSampleId :

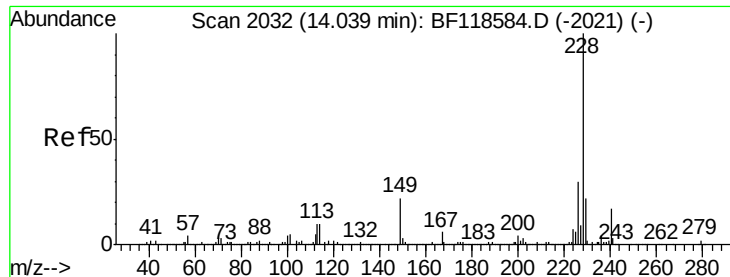
Tot Ion:244 Resp: 3490653
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 10.9 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 45.140 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118726.D
 Acq: 29 Jan 2020 12:46

Tgt Ion:149 Resp: 1081650
 Ion Ratio Lower Upper
 149 100
 91 66.5 49.6 74.4
 206 23.7 19.9 29.9





#81

Benzo(a)anthracene

Concen: 41.410 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

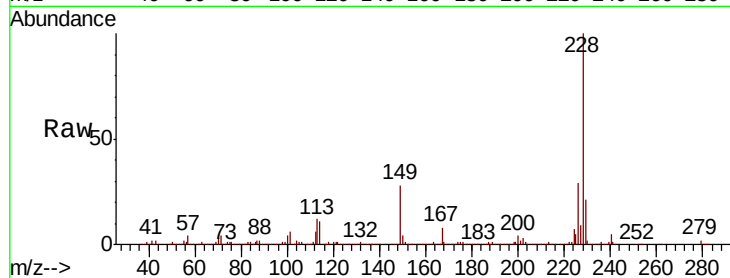
Tot Ion:228 Resp: 2148280

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

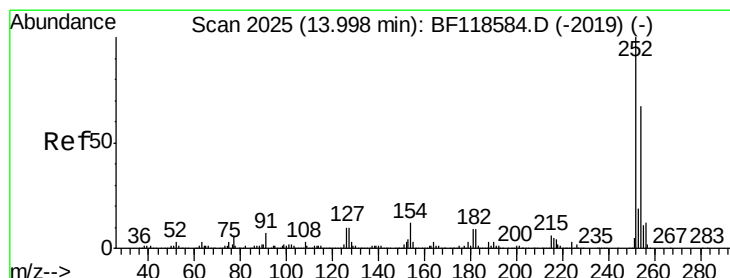
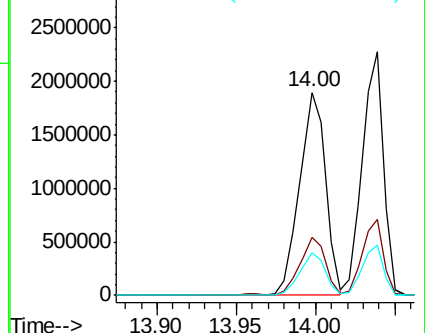
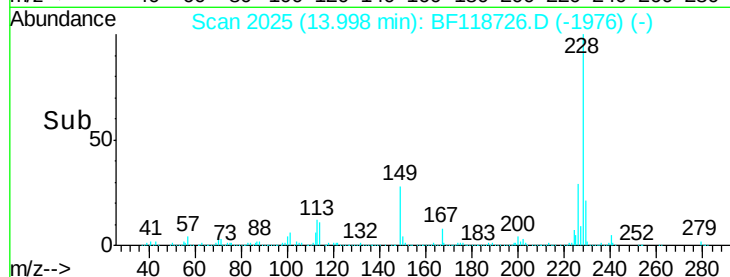
229 21.0 16.6 25.0



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: 46.949 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

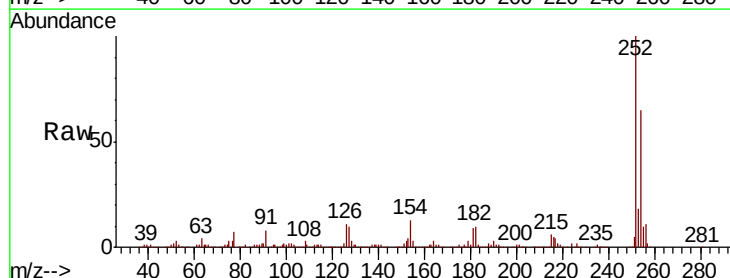
Tgt Ion:252 Resp: 867899

Ion Ratio Lower Upper

252 100

254 65.5 52.6 78.8

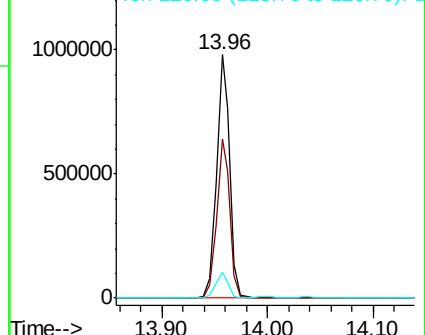
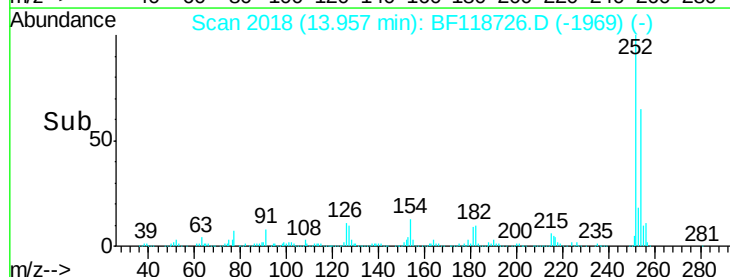
126 10.5 8.1 12.1

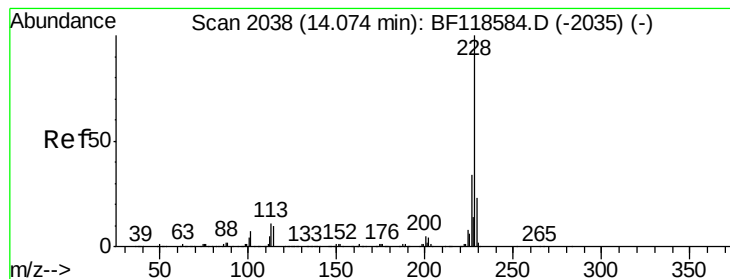


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.903 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Instrument :

BNA_F

ClientSampleId :

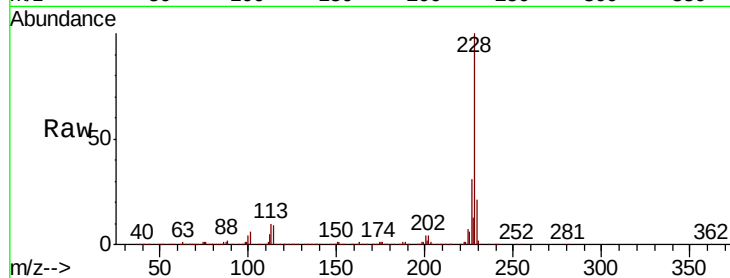
Tot Ion:228 Resp: 2133163

Ion Ratio Lower Upper

228 100

226 31.4 25.6 38.4

229 20.9 17.1 25.7

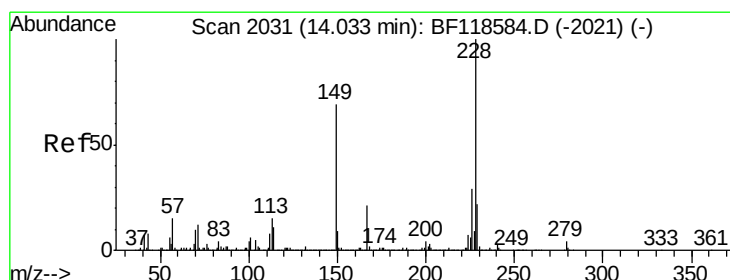
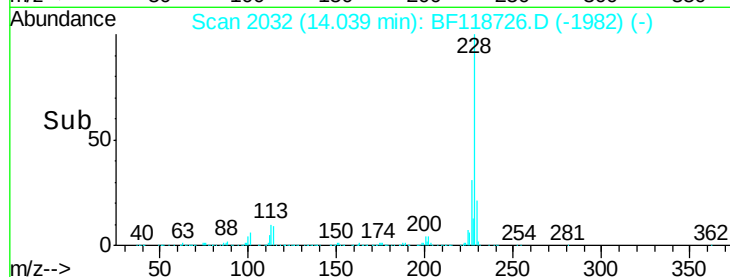
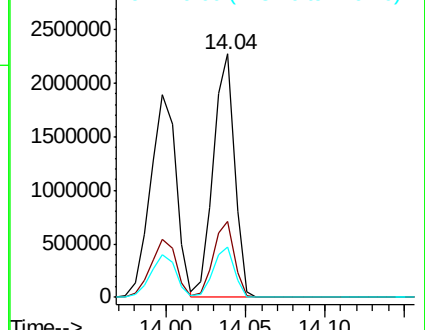


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.762 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

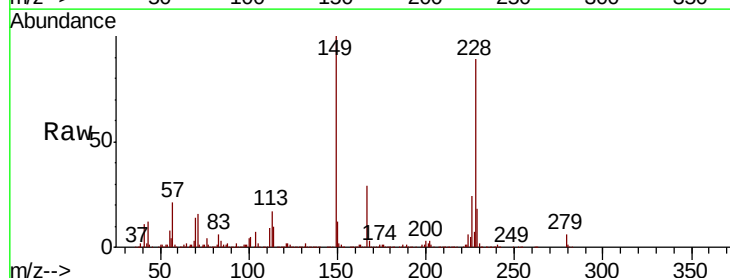
Tgt Ion:149 Resp: 1339698

Ion Ratio Lower Upper

149 100

167 29.1 23.6 35.4

279 5.9 4.5 6.7

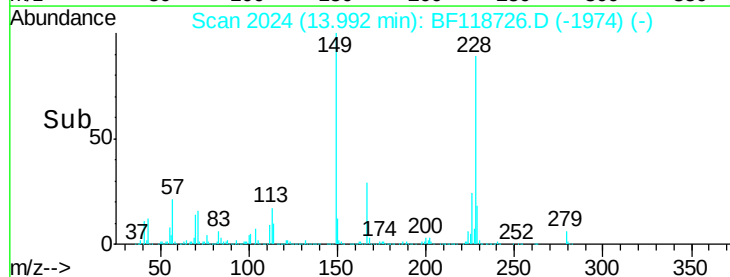
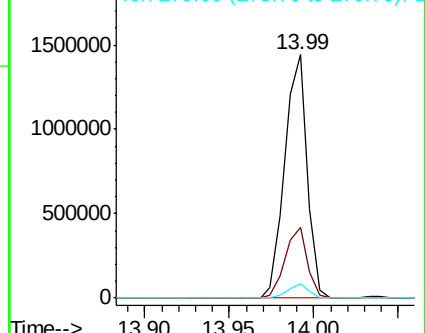


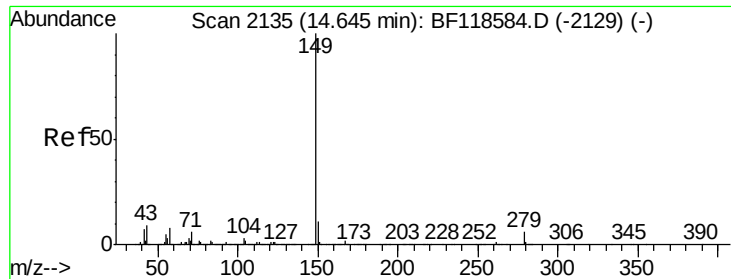
Abundance

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: 50.954 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

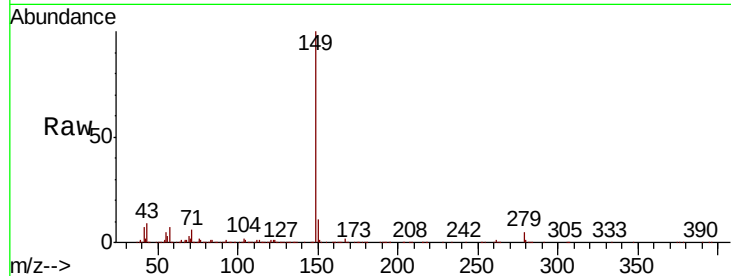
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 2207958

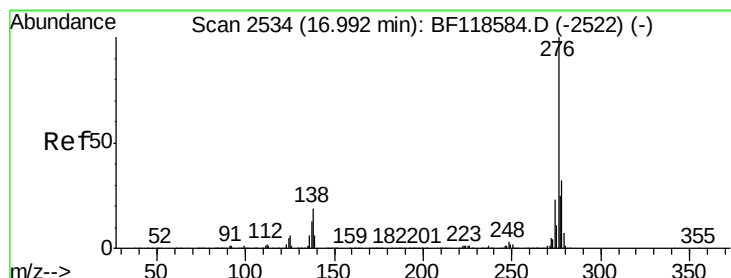
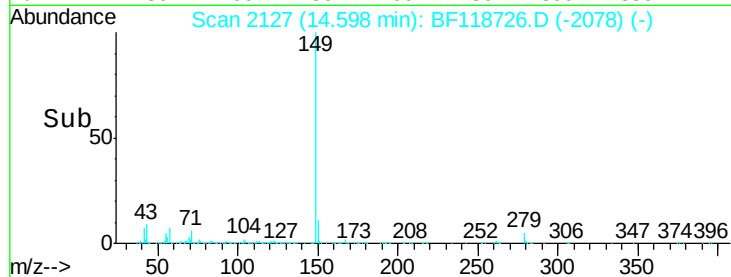
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.1	6.6	10.0



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: 48.215 ng

RT: 16.93 min Scan# 2523

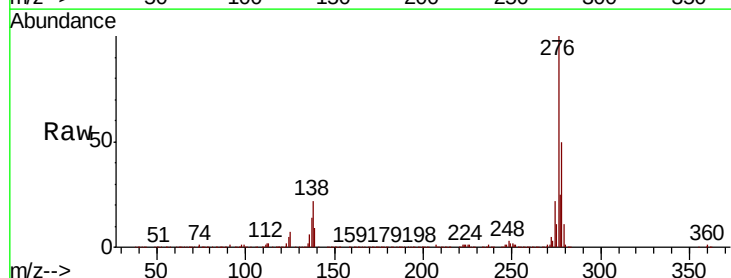
Delta R.T. -0.02 min

Lab File: BF118726.D

Acq: 29 Jan 2020 12:46

Tgt Ion:276 Resp: 2082987

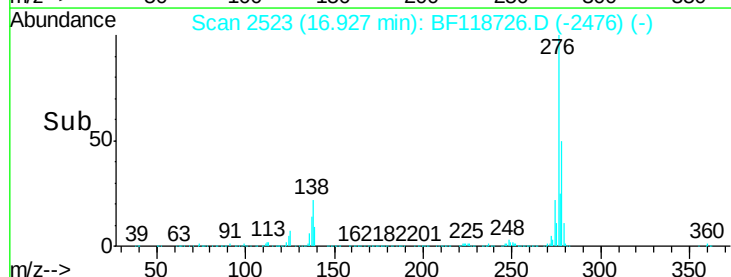
Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.2	27.4
277	25.6	20.4	30.6

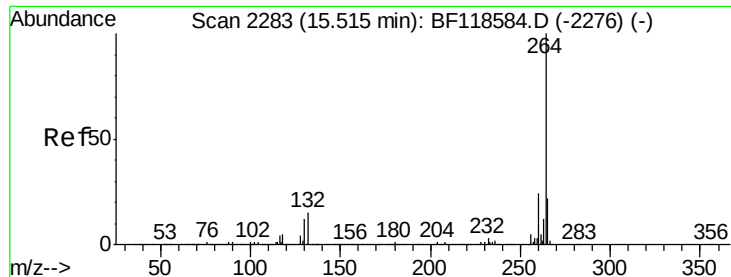


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

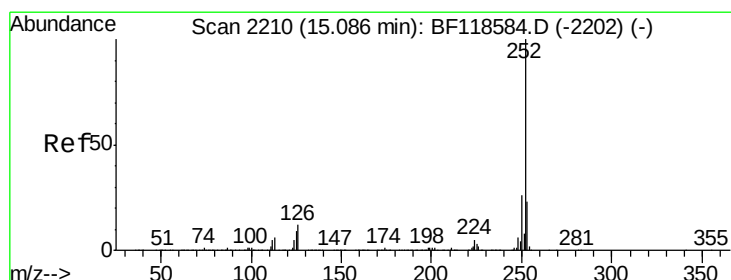
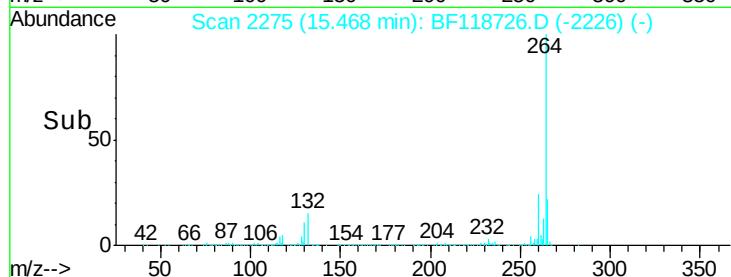
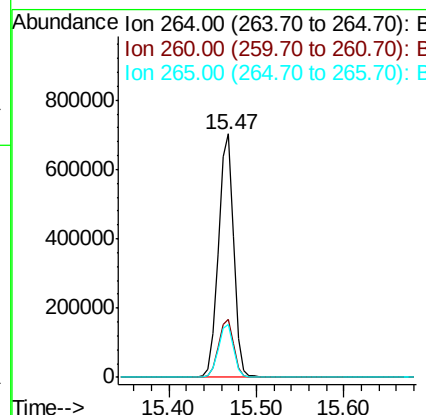
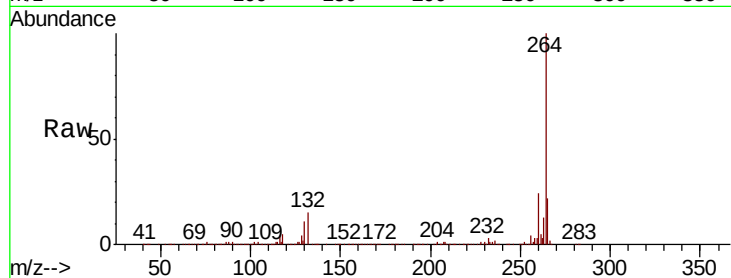




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

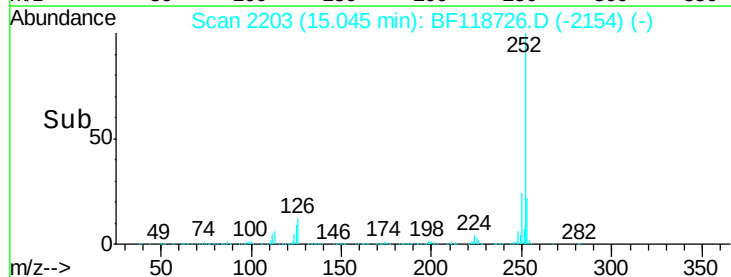
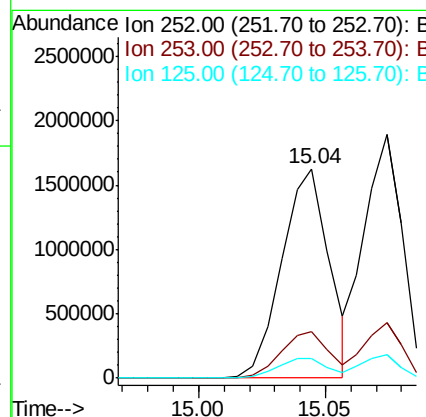
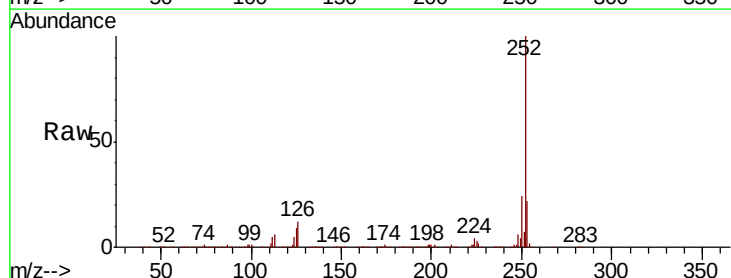
Instrument :
BNA_F
ClientSampleId :

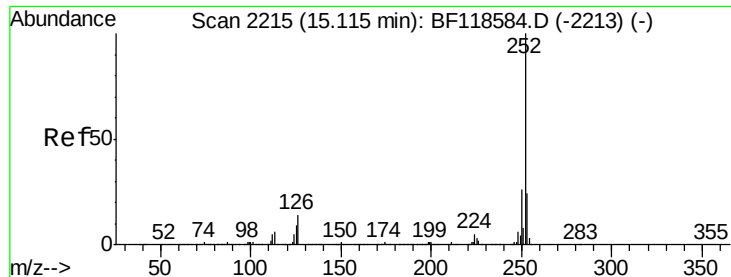
Tot Ion:264 Resp: 852414
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.5 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 39.582 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:252 Resp: 2120826
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.2 7.7 11.5

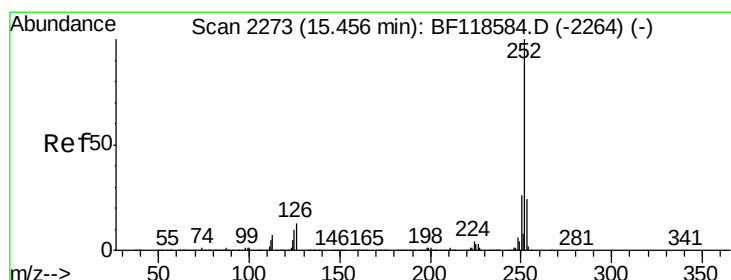
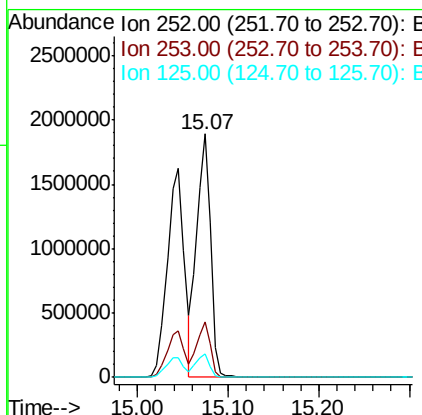
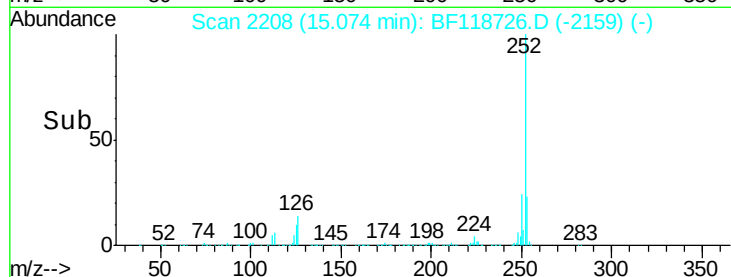
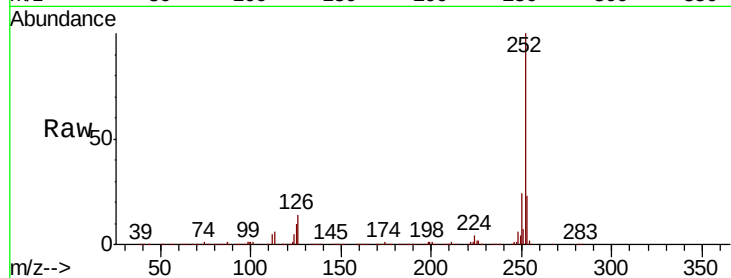




#89
Benzo(k)fluoranthene
Concen: 40.419 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

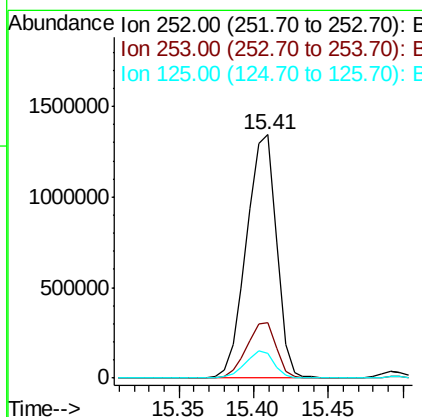
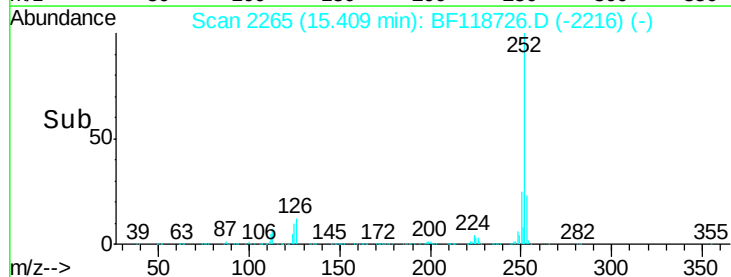
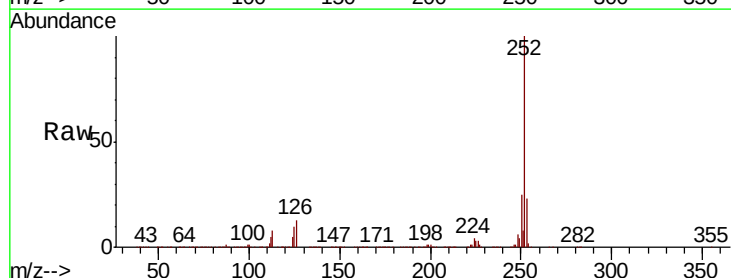
Instrument :
BNA_F
ClientSampleId :

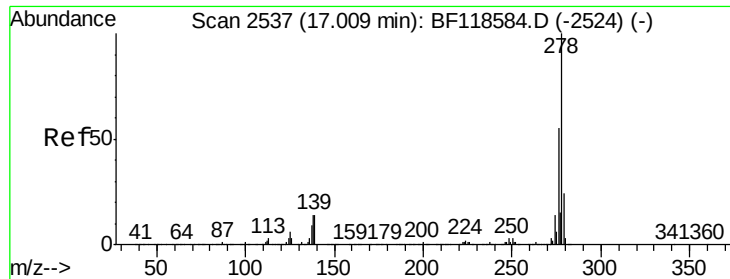
Tot Ion:252 Resp: 2006387
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 9.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 40.582 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:252 Resp: 1875719
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.1 8.3 12.5



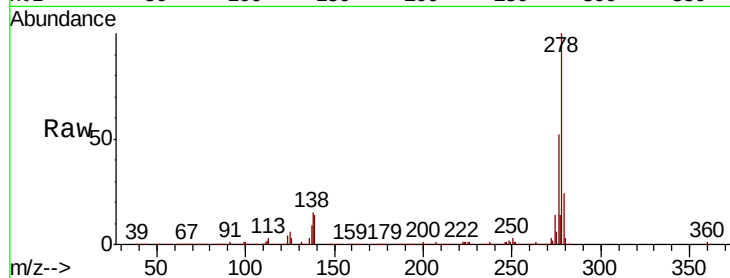


#91
Dibenzo(a,h)anthracene
Concen: 41.898 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

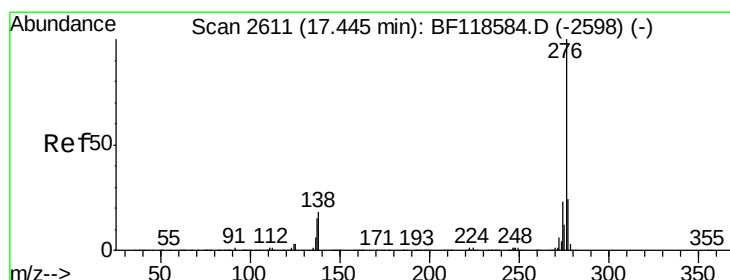
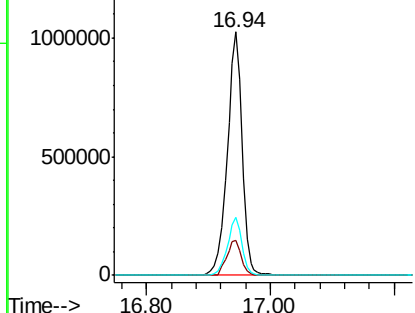
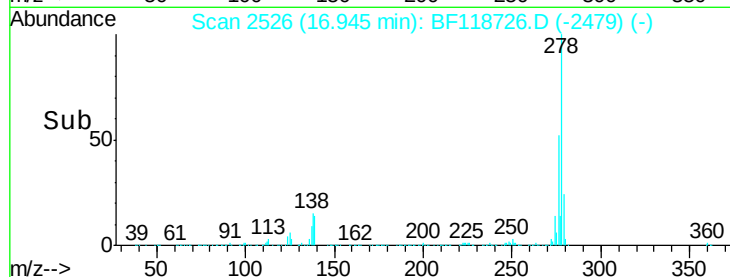
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1712967

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.8	17.6
279	23.6	19.1	28.7



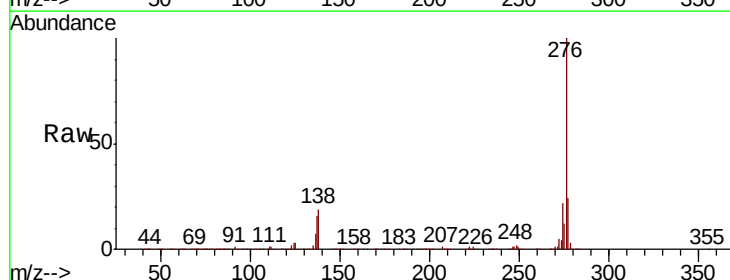
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.215 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BF118726.D
Acq: 29 Jan 2020 12:46

Tgt Ion:276 Resp: 1675792

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	19.1	15.4	23.2



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

