

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042020\
 Data File : BF120074.D
 Acq On : 20 Apr 2020 13:35
 Operator : MA/SJ
 Sample : PB128301BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BL

Quant Time: Apr 20 14:22:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	129431	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	502523	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	272363	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	557310	20.00	ng	0.00
76) Chrysene-d12	13.89	240	453680	20.00	ng	-0.01
87) Perylene-d12	15.31	264	436764	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1169932	156.21	ng	0.00
7) Phenol-d6	6.35	99	1496004	155.02	ng	-0.01
23) Nitrobenzene-d5	7.28	82	929727	95.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	442621	132.73	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1874323	97.71	ng	0.00
79) Terphenyl-d14	12.84	244	2231410	82.76	ng	0.00

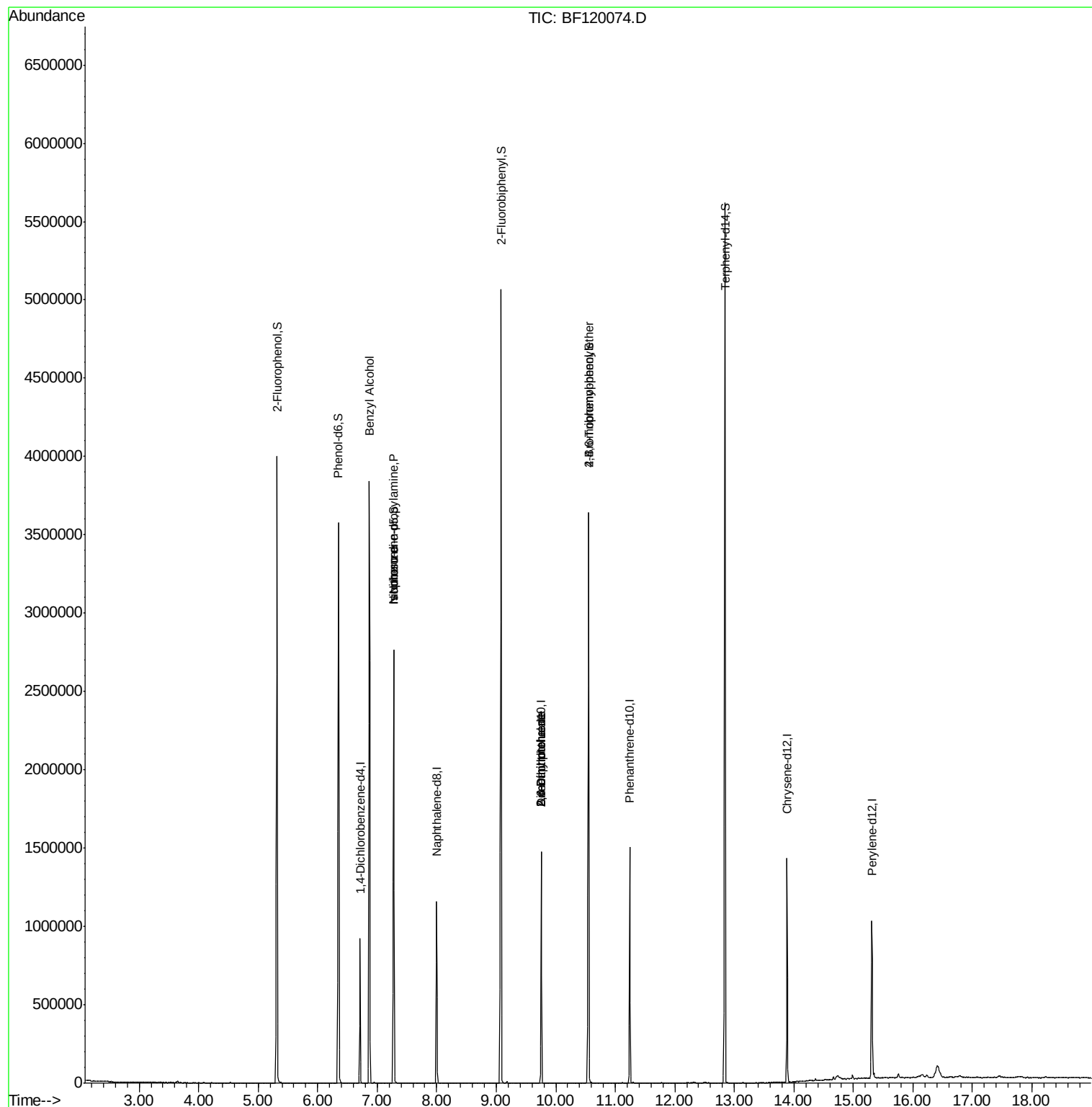
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	2144	Below Cal	#	1
15) Benzyl Alcohol	6.87	79	15121	2.017	ng	# 48
19) n-Nitroso-di-n-propylamine	7.28	70	122843	19.795	ng	# 76
25) Isophorone	7.28	82	913108	48.764	ng	# 65
50) Dimethylphthalate	9.76	163	62202	2.953	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	35387	7.671	ng	# 19
57) 2,4-Dinitrotoluene	9.76	165	35387	5.822	ng	# 22
67) 4-Bromophenyl-phenylether	10.55	248	28812	4.157	ng	# 1

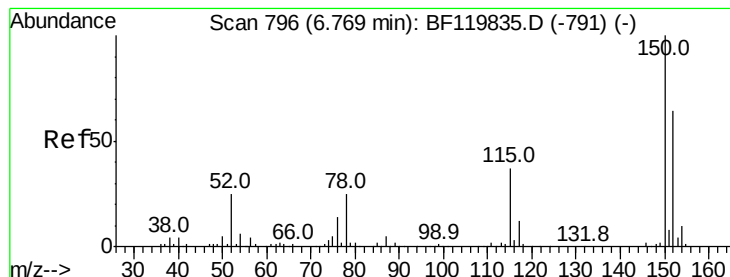
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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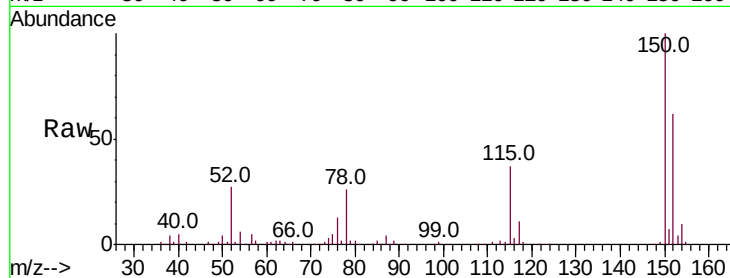


#1

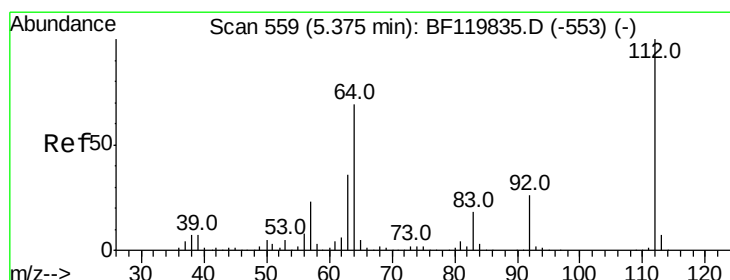
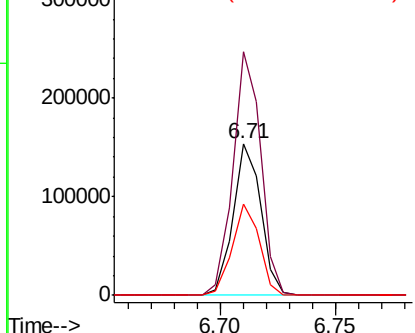
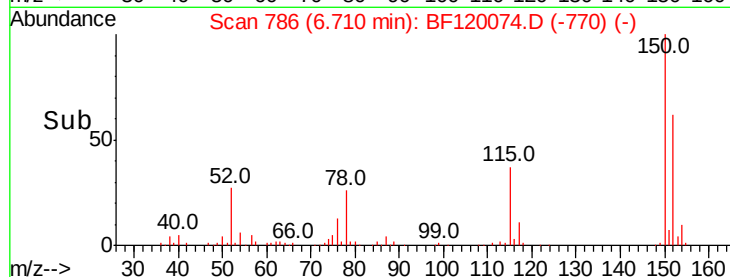
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.8	187.2
115	60.2	46.5	69.7



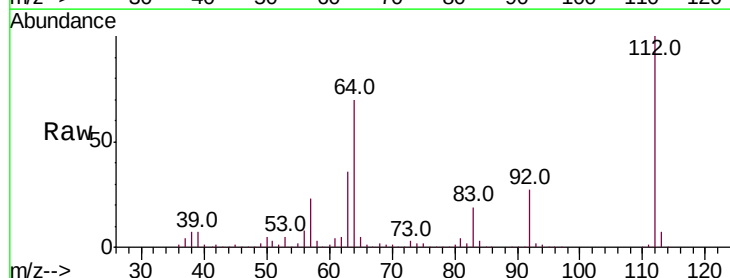
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



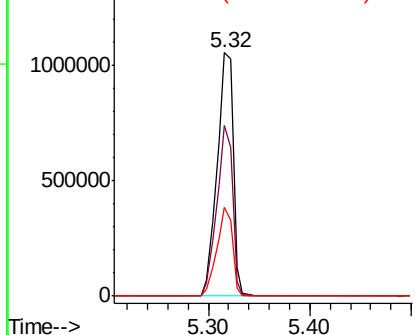
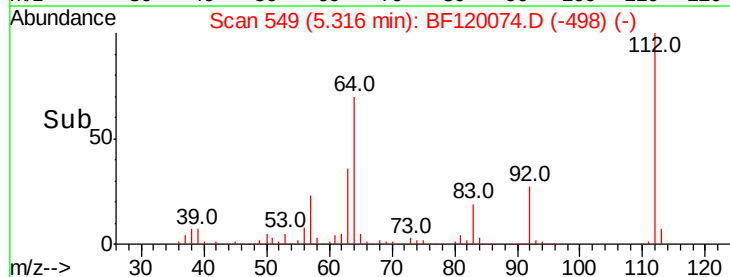
#5

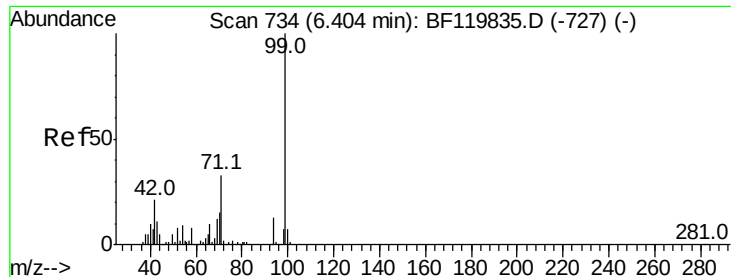
2-Fluorophenol
 Concen: 156.211 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.5	83.3
63	36.2	29.1	43.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 155.018 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120074.D

Acq: 20 Apr 2020 13:35

Instrument :

BNA_F

ClientSampleId :

PB128301BL

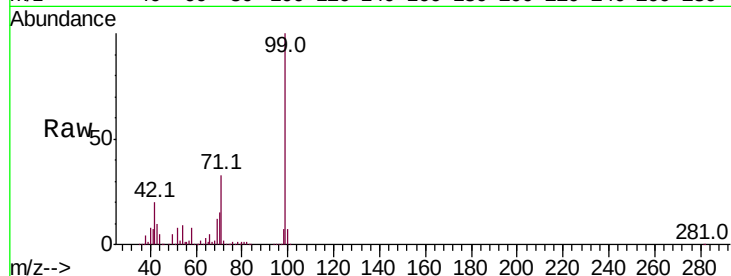
Tot Ion: 99 Resp: 1496004

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

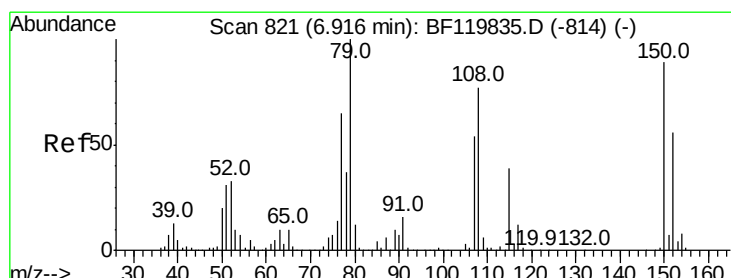
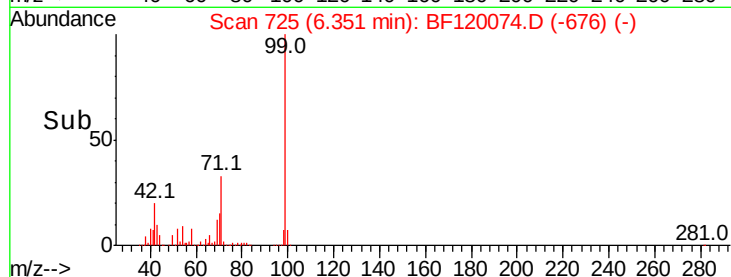
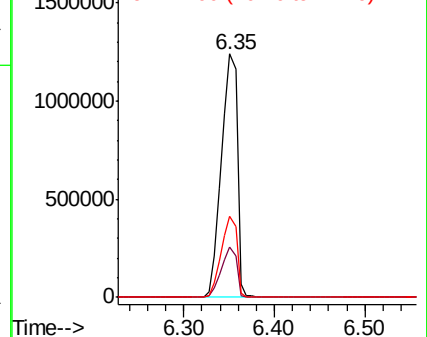
71 33.3 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.017 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF120074.D

Acq: 20 Apr 2020 13:35

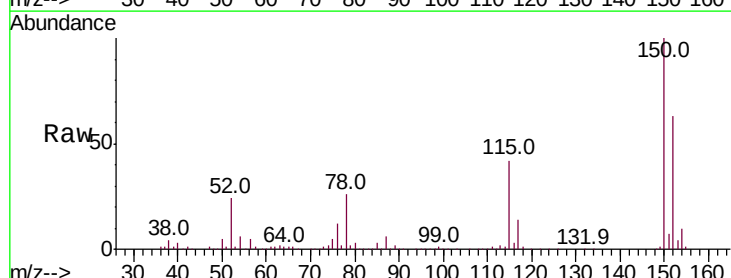
Tgt Ion: 79 Resp: 15121

Ion Ratio Lower Upper

79 100

108 27.4 62.0 93.0#

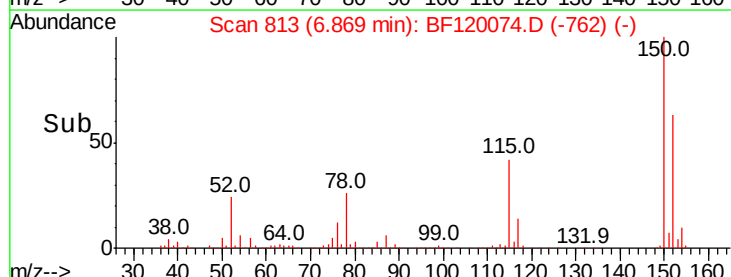
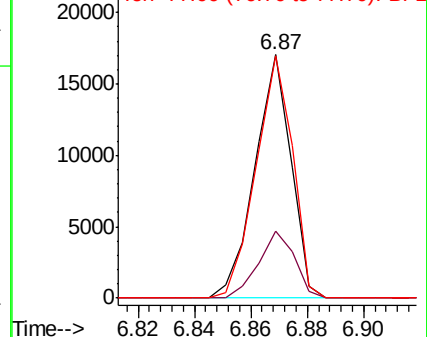
77 99.4 51.8 77.6#

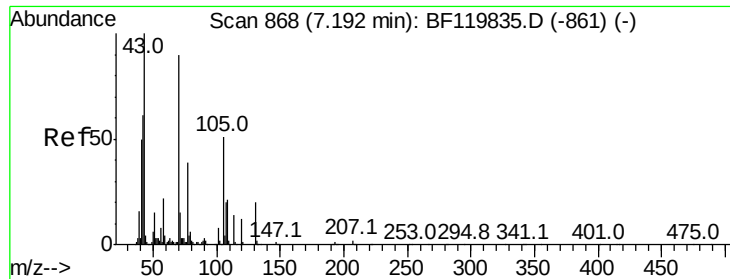


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

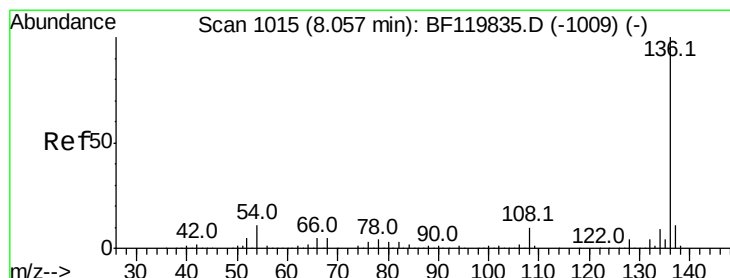
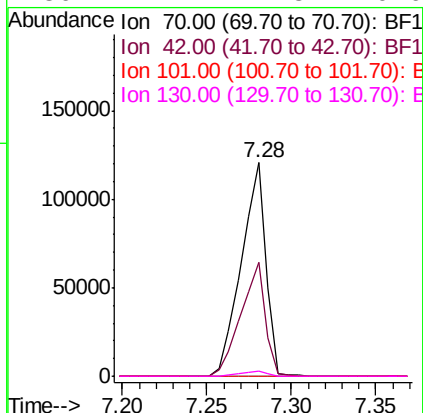
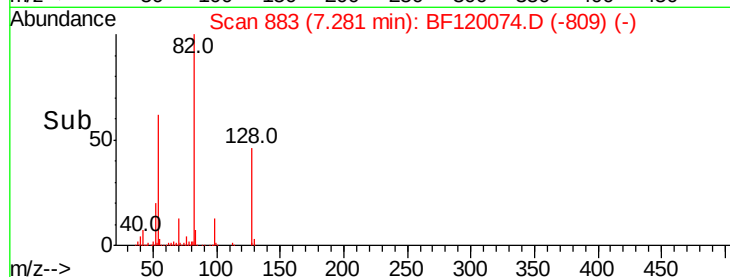
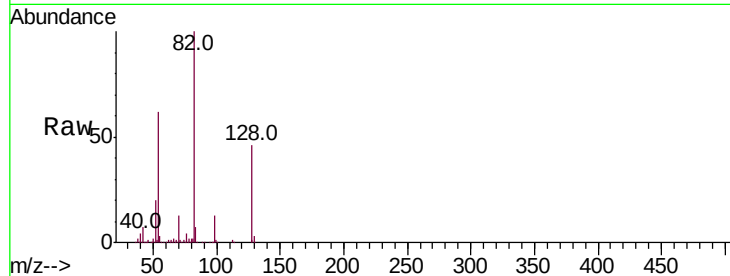




#19
n-Nitroso-di-n-propylamine
Concen: 19.795 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

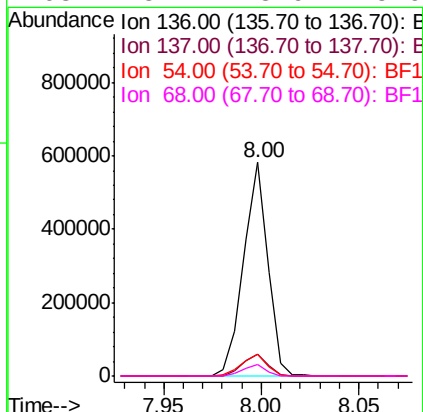
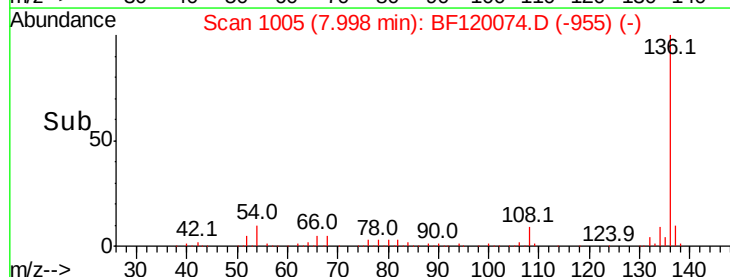
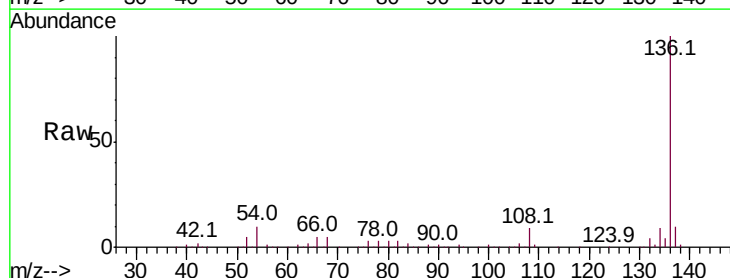
Instrument :
BNA_F
ClientSampleId :
PB128301BL

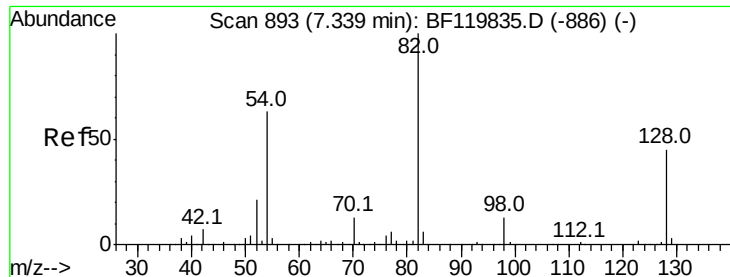
Tot Ion: 70 Resp: 122843
Ion Ratio Lower Upper
70 100
42 53.3 54.2 81.4#
101 0.0 7.4 11.2#
130 2.2 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

Tgt Ion: 136 Resp: 502523
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 10.2 8.5 12.7
68 5.2 3.9 5.9

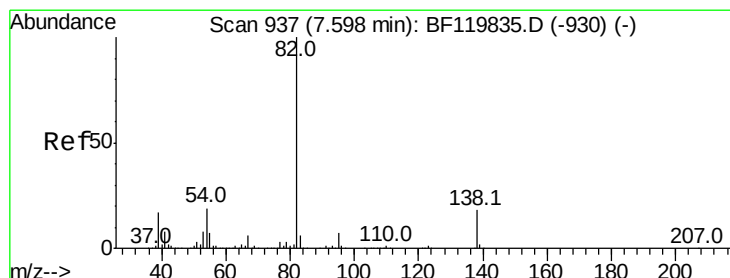
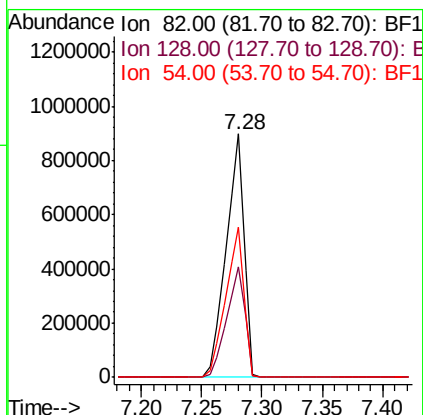
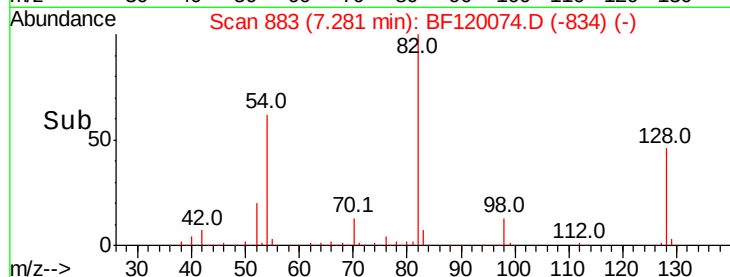
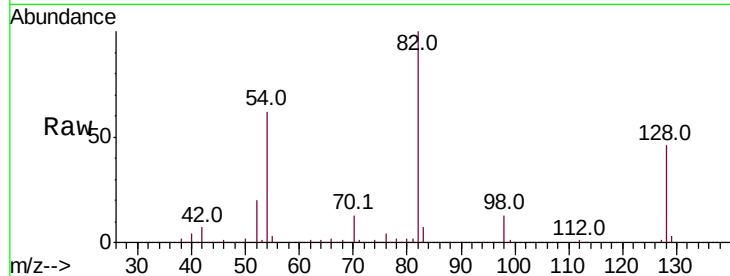




#23
Nitrobenzene-d5
Concen: 95.713 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

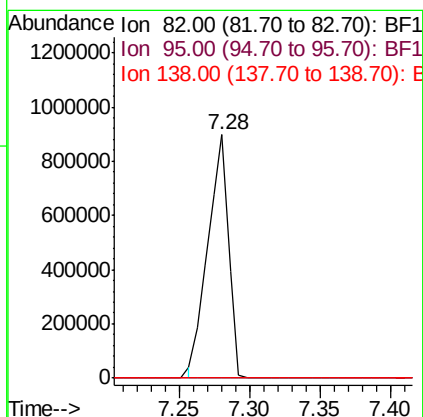
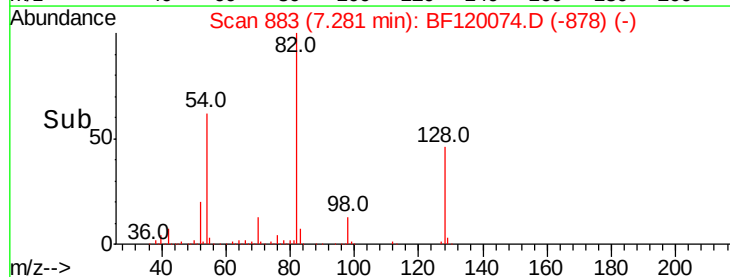
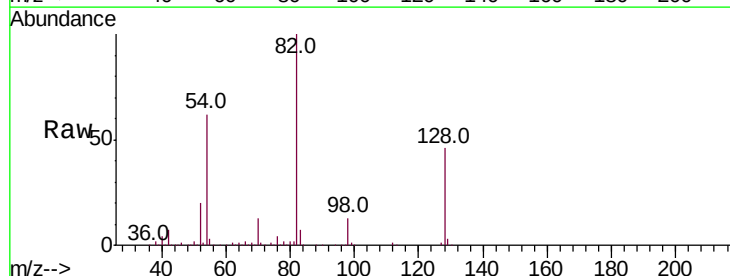
Instrument :
BNA_F
ClientSampleId :
PB128301BL

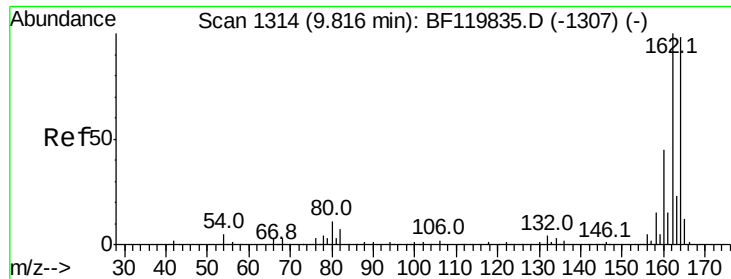
Tot Ion: 82 Resp: 929727
Ion Ratio Lower Upper
82 100
128 45.6 36.2 54.4
54 61.9 50.4 75.6



#25
Isophorone
Concen: 48.764 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

Tgt Ion: 82 Resp: 913108
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#

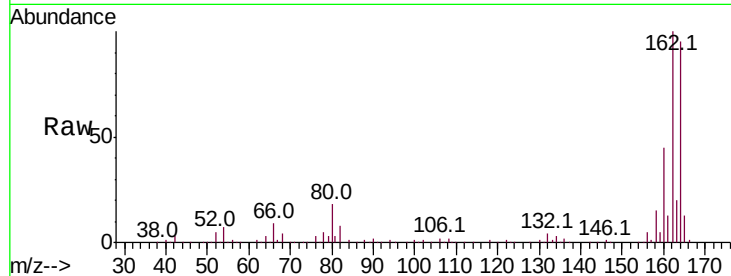




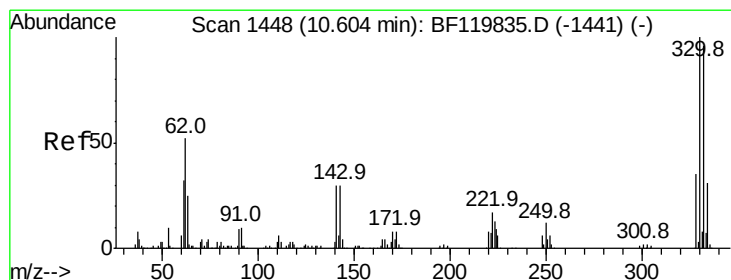
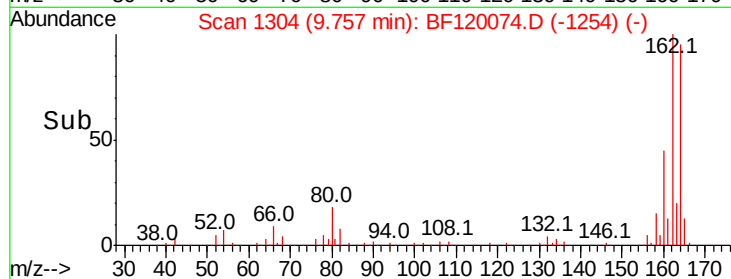
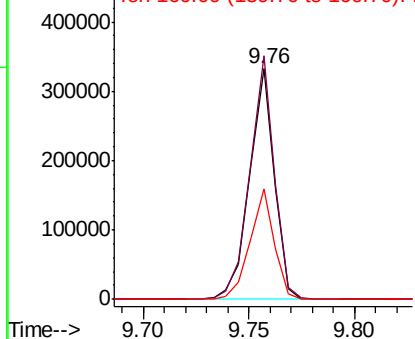
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

Instrument :
BNA_F
ClientSampleId :
PB128301BL

Tot Ion:164 Resp: 272363
Ion Ratio Lower Upper
164 100
162 105.5 81.9 122.9
160 47.7 36.6 54.8

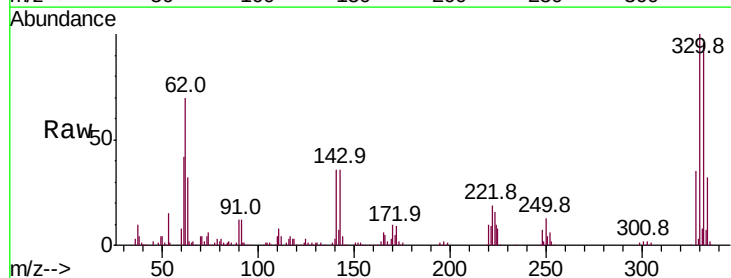


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

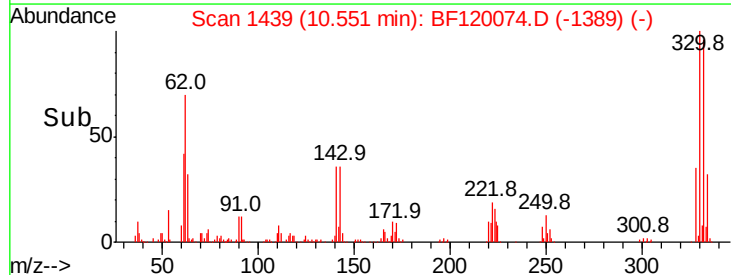
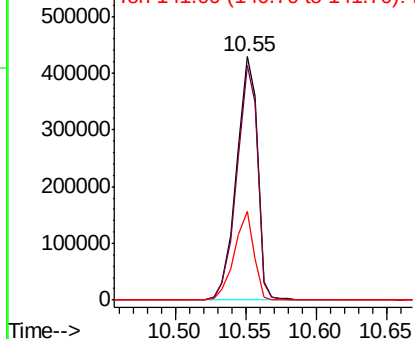


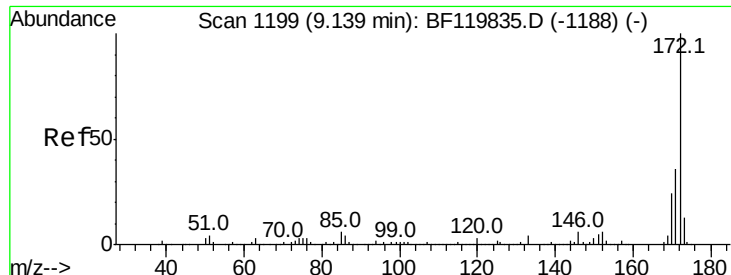
#42
2,4,6-Tribromophenol
Concen: 132.734 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

Tgt Ion:330 Resp: 442621
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 34.2 25.1 37.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

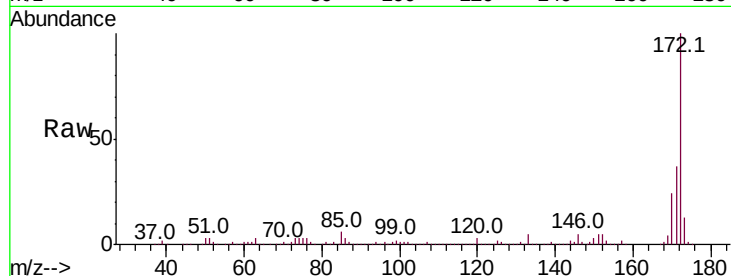




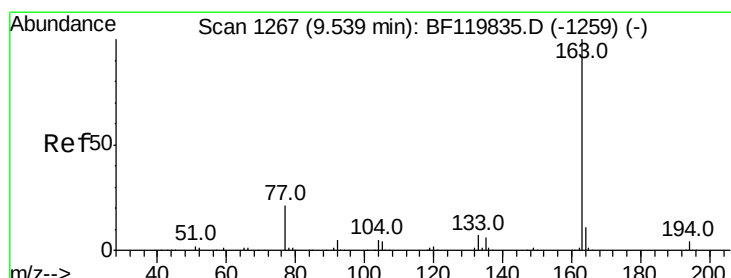
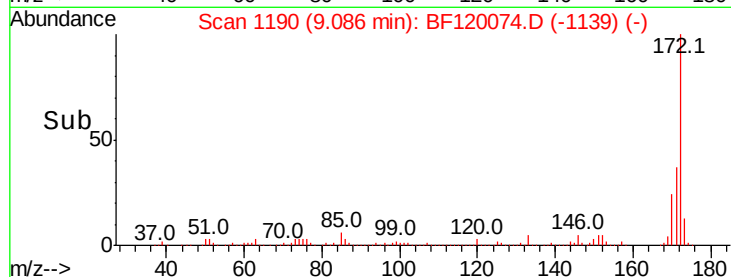
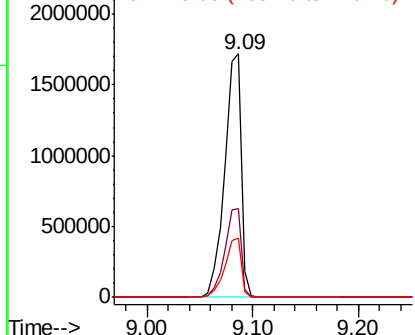
#45
2-Fluorobiphenyl
Concen: 97.705 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

Instrument :
BNA_F
ClientSampleId :
PB128301BL

Tot Ion:172 Resp: 1874323
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 24.1 19.4 29.2

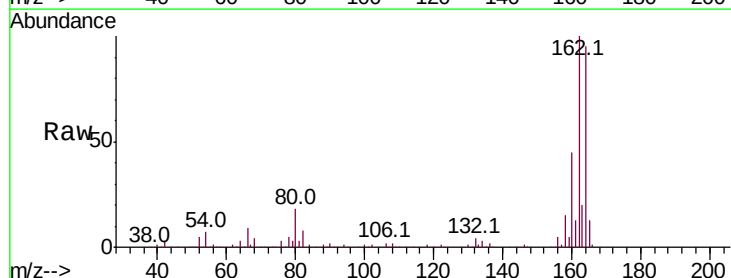


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

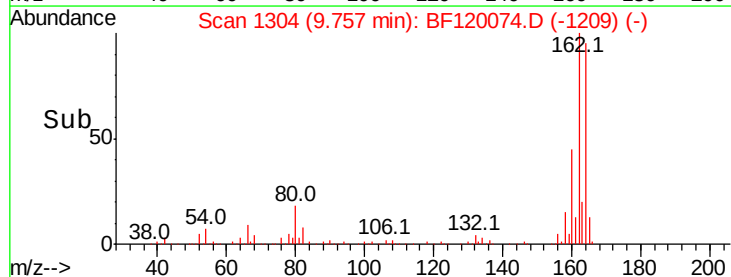
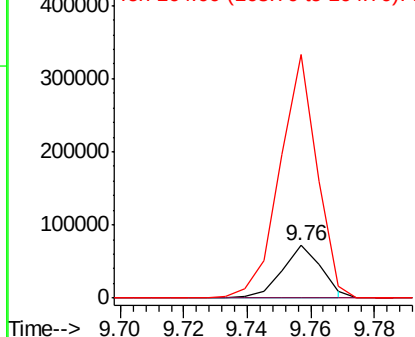


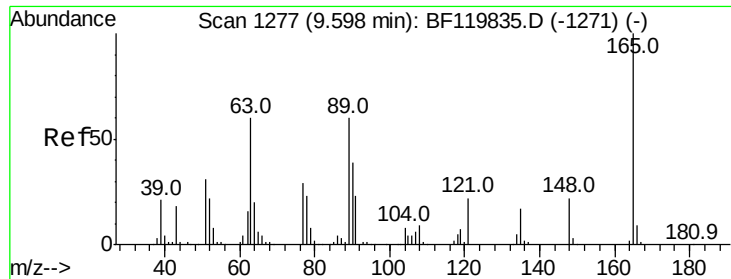
#50
Dimethylphthalate
Concen: 2.953 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.26 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

Tgt Ion:163 Resp: 62202
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 463.1 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

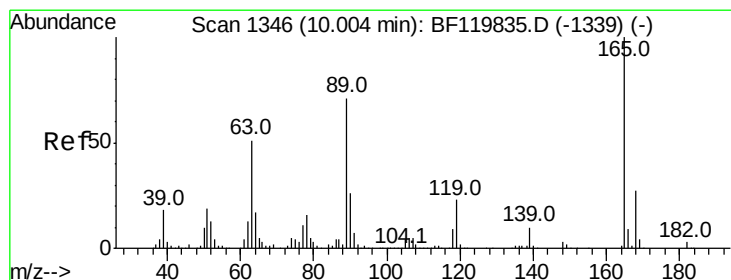
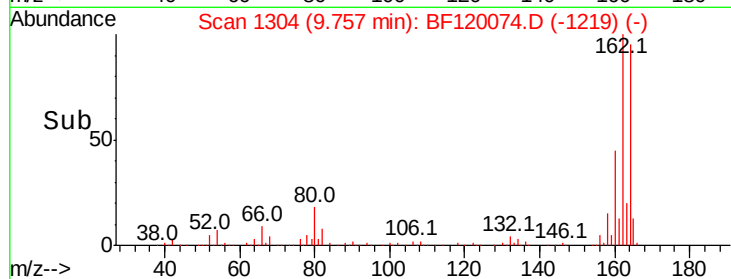
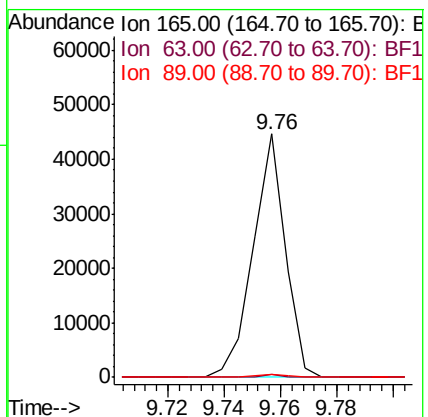
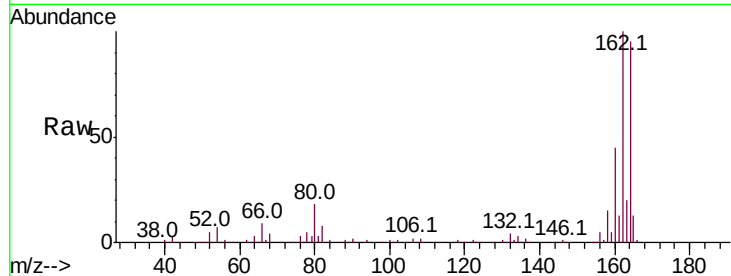




#51
 2,6-Dinitrotoluene
 Concen: 7.671 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

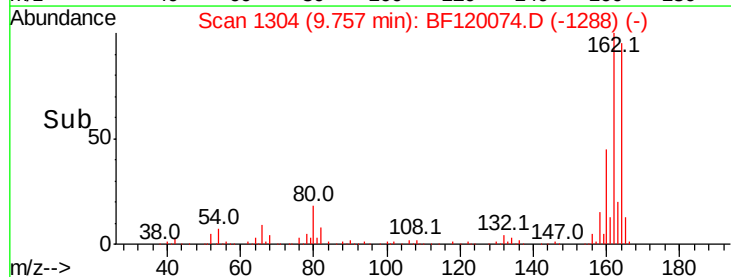
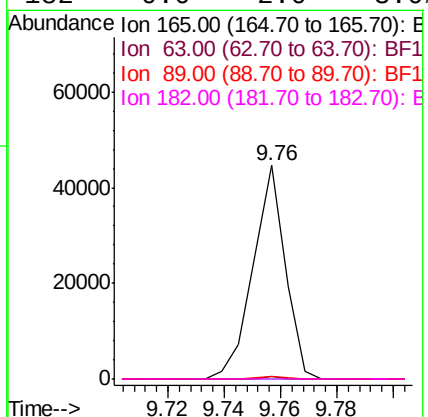
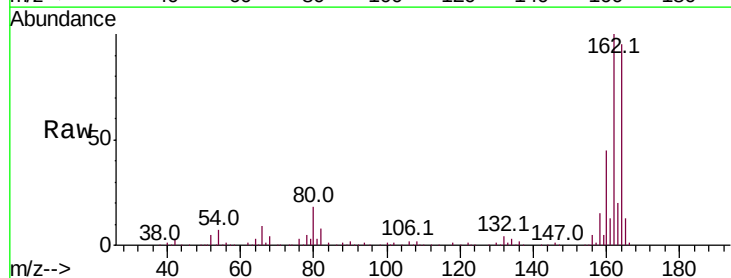
Instrument :
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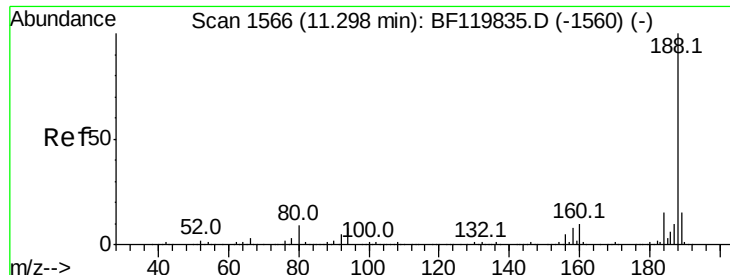
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	55.6	83.4#
89	1.1	47.9	71.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.822 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.8	61.2#
89	1.1	56.9	85.3#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF120074.D

Acq: 20 Apr 2020 13:35

Instrument :

BNA_F

ClientSampleId :

PB128301BL

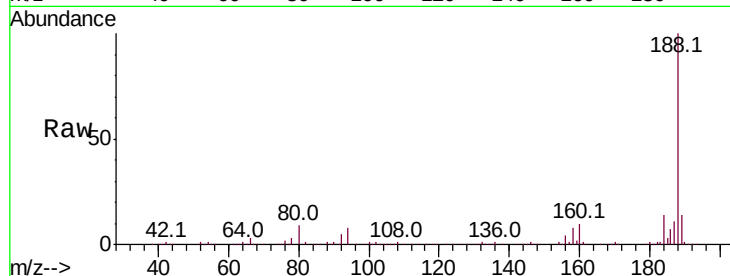
Tot Ion:188 Resp: 557310

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

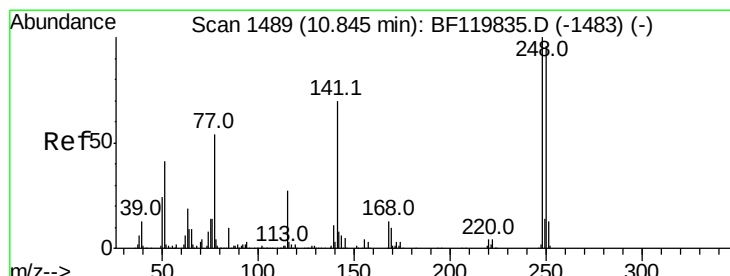
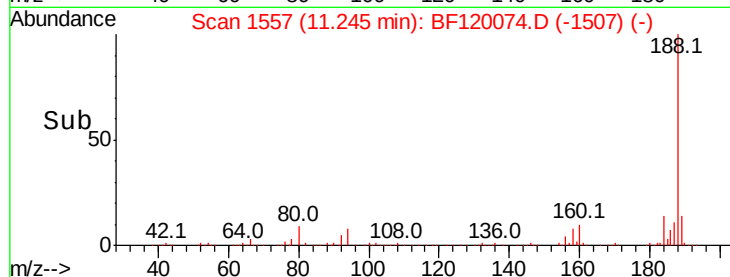
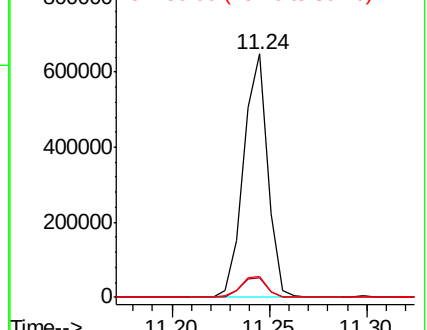
80 8.8 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 4.157 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF120074.D

Acq: 20 Apr 2020 13:35

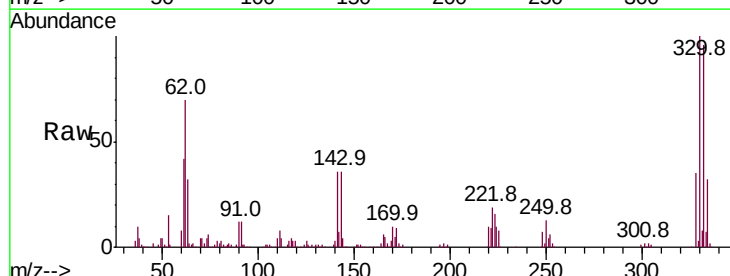
Tgt Ion:248 Resp: 28812

Ion Ratio Lower Upper

248 100

250 191.4 76.6 114.8#

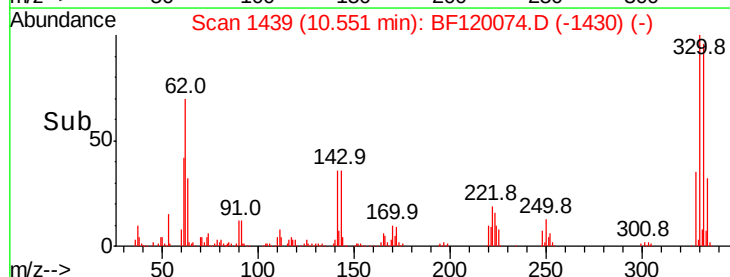
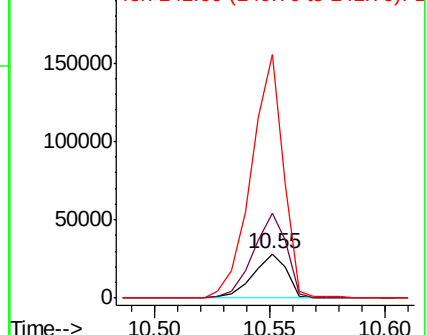
141 546.5 55.9 83.9#

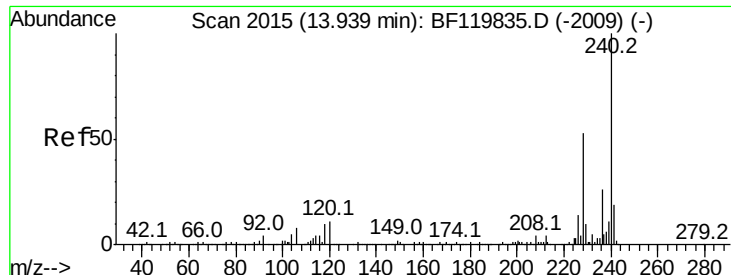


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

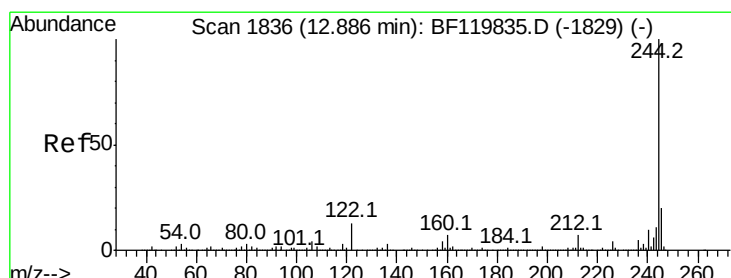
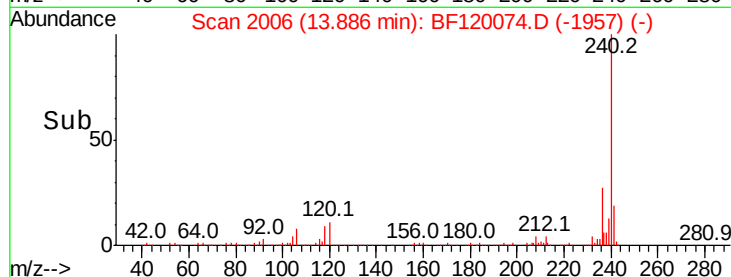
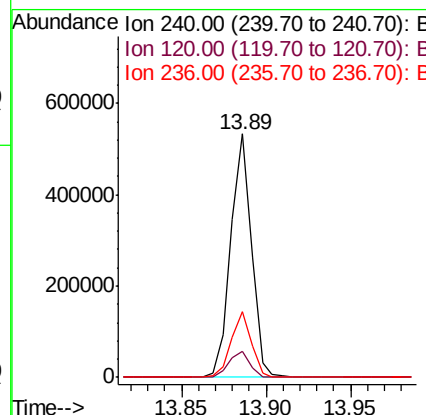
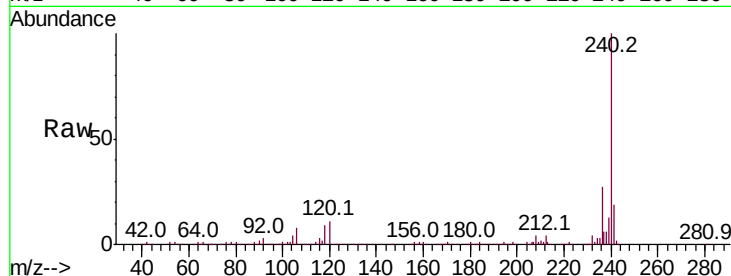




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

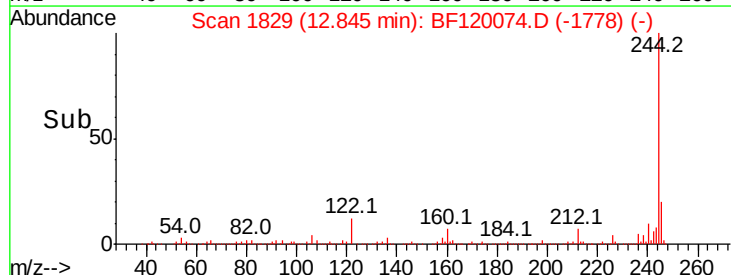
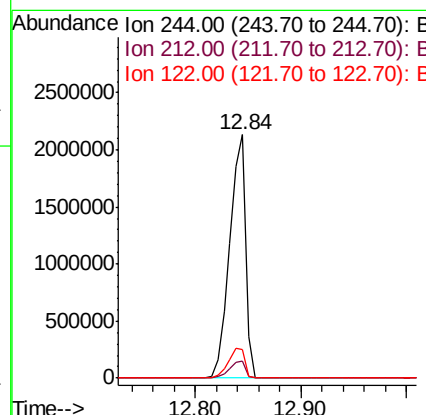
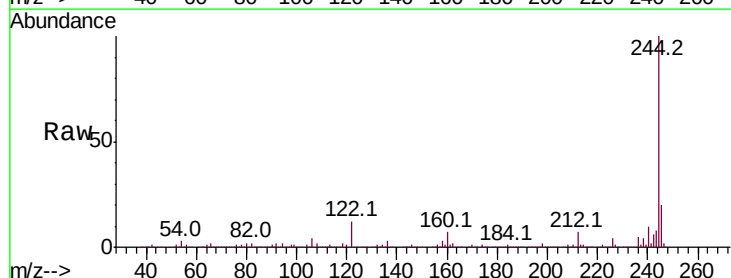
Instrument :
 BNA_F
 ClientSampleId :
 PB128301BL

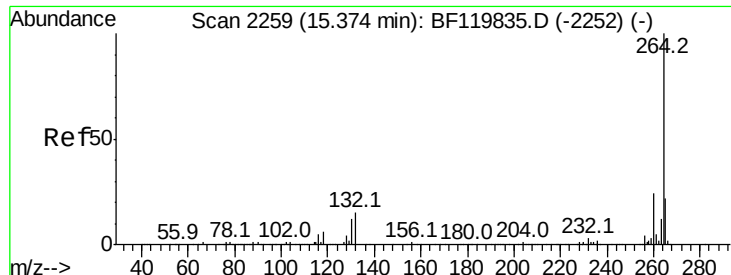
Tot Ion:240 Resp: 453680
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.6
 236 26.9 20.7 31.1



#79
 Terphenyl-d14
 Concen: 82.761 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Tgt Ion:244 Resp: 2231410
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.3	17.6	26.4

