

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120171.D
 Acq On : 23 Apr 2020 18:45
 Operator : MA/SJ
 Sample : L2330-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-GW-2020-04-16

Quant Time: Apr 24 01:23:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	140202	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	542366	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	298859	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	596313	20.00	ng	0.00
76) Chrysene-d12	13.82	240	481221	20.00	ng	-0.01
87) Perylene-d12	15.22	264	405374	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	505887	62.36	ng	0.00
7) Phenol-d6	6.30	99	404102	38.66	ng	-0.01
23) Nitrobenzene-d5	7.23	82	983529	93.81	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	472945	129.25	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1974099	93.78	ng	0.00
79) Terphenyl-d14	12.78	244	2488114	87.00	ng	0.00

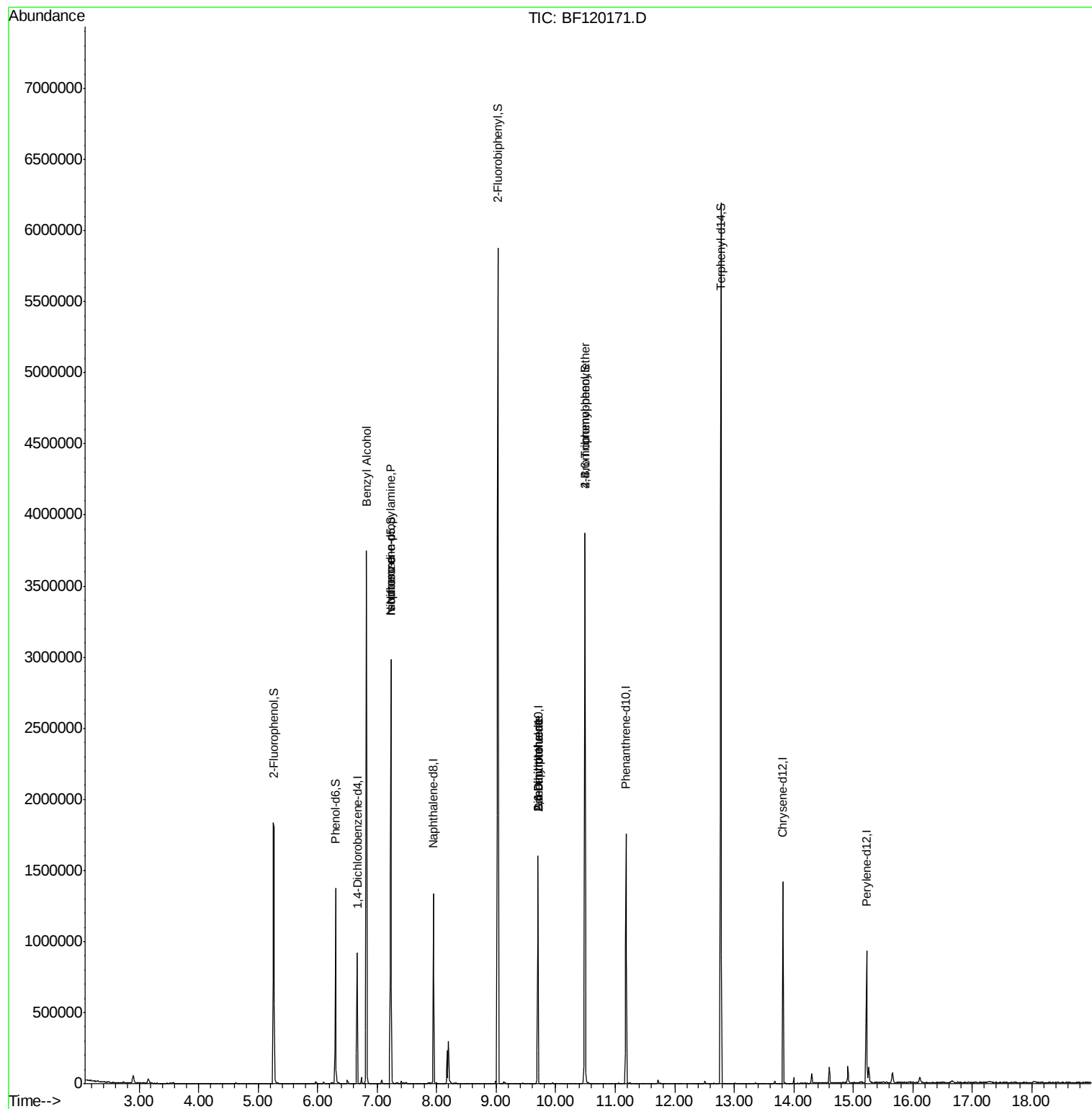
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.22	77	1598	Below Cal		# 85
15) Benzyl Alcohol	6.82	79	16967	2.090	ng	# 43
19) n-Nitroso-di-n-propylamine	7.23	70	131663	19.586	ng	# 75
25) Isophorone	7.23	82	978744	48.429	ng	# 65
50) Dimethylphthalate	9.70	163	68091	2.946	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	37452	7.399	ng	# 26
57) 2,4-Dinitrotoluene	9.70	165	37452	5.616	ng	# 20
67) 4-Bromophenyl-phenylether	10.49	248	30422	4.102	ng	# 1

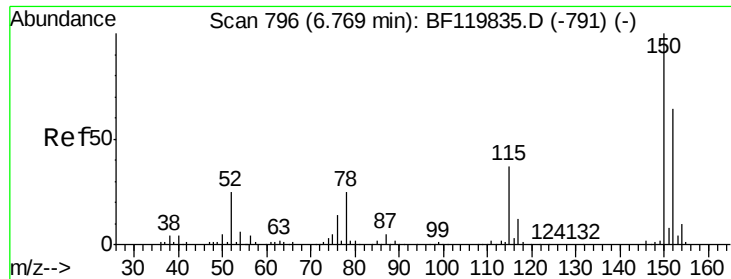
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
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Misc :
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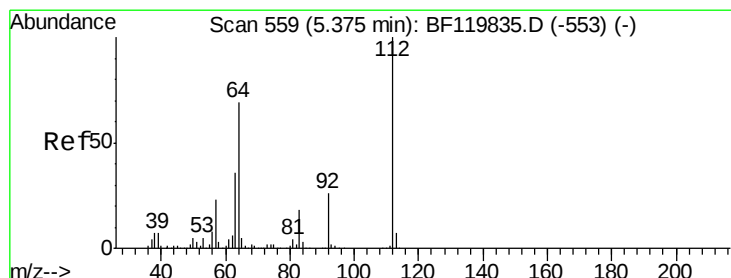
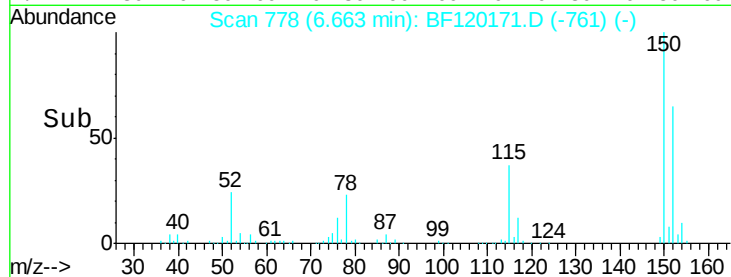
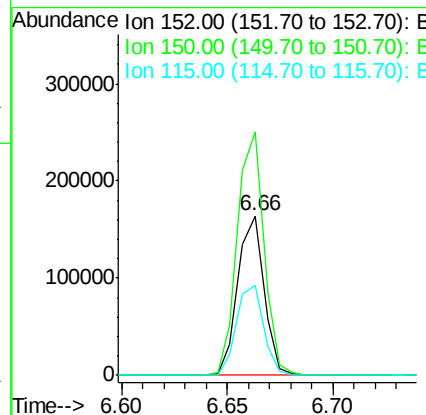
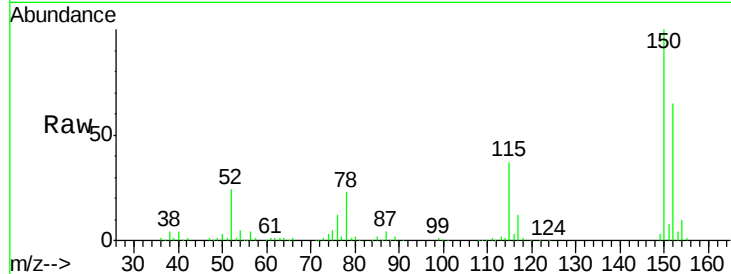


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :
FB-GW-2020-04-16

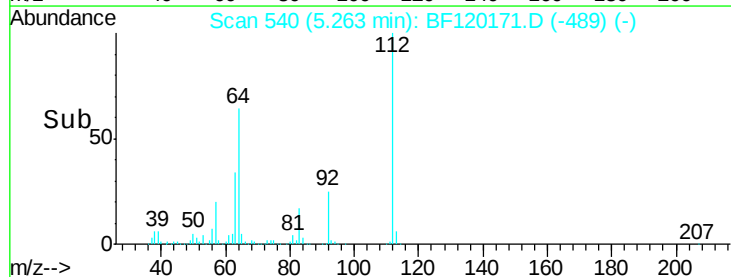
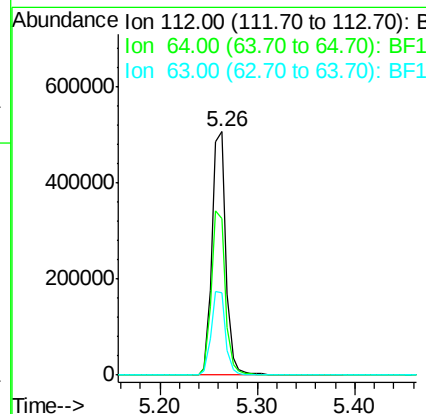
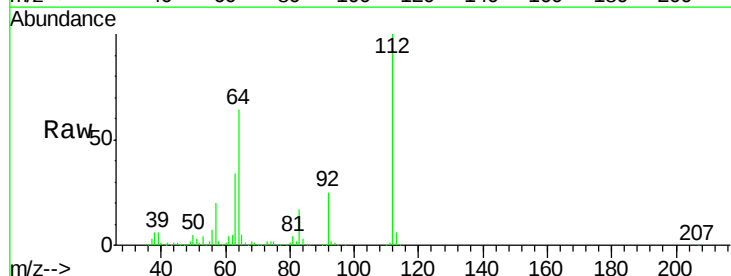
Tot Ion:152 Resp: 140202
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 56.1 49.6 74.4



#5

2-Fluorophenol
Concen: 62.358 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

Tgt Ion:112 Resp: 505887
Ion Ratio Lower Upper
112 100
64 64.3 56.7 85.1
63 33.7 29.5 44.3





#7

Phenol-d6

Concen: 38.657 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120171.D

Acq: 23 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

FB-GW-2020-04-16

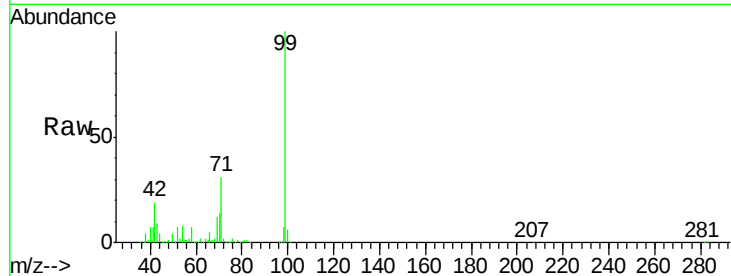
Tot Ion: 99 Resp: 404102

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

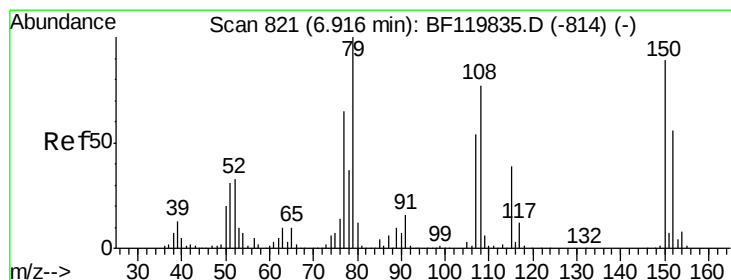
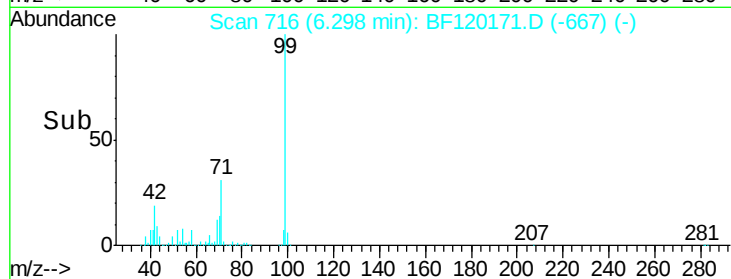
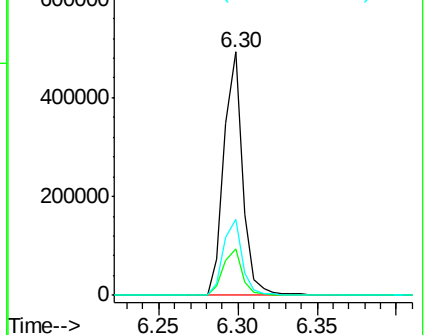
71 31.3 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 2.090 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF120171.D

Acq: 23 Apr 2020 18:45

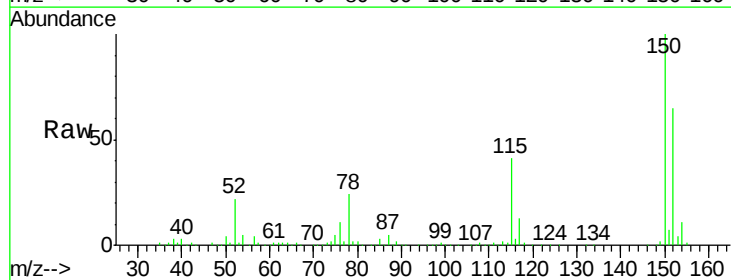
Tgt Ion: 79 Resp: 16967

Ion Ratio Lower Upper

79 100

108 33.6 60.6 90.8#

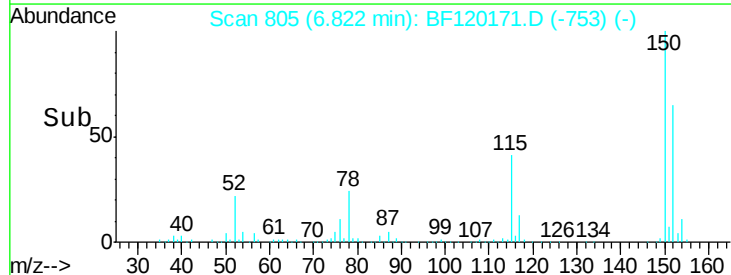
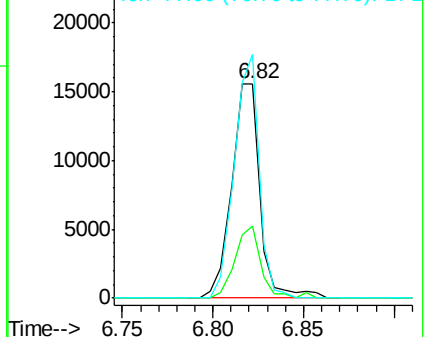
77 113.4 50.2 75.2#

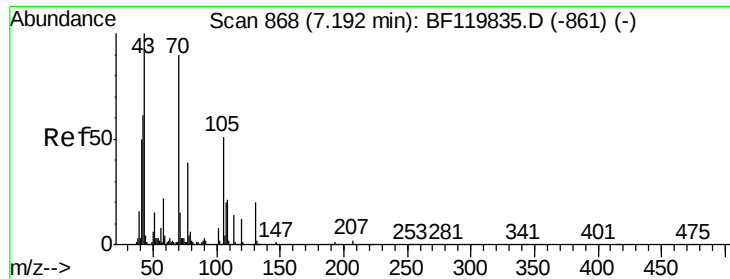


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

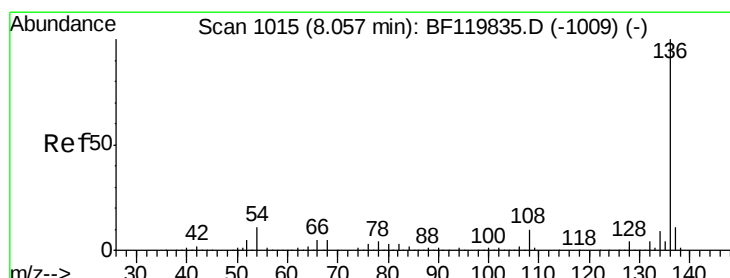
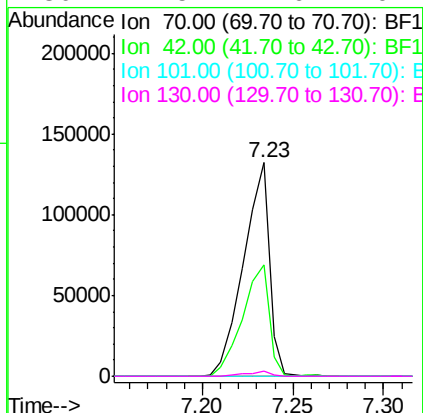
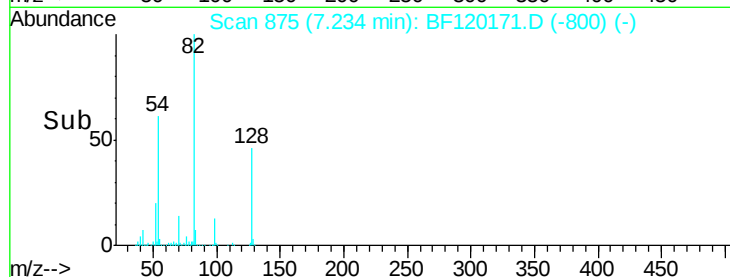
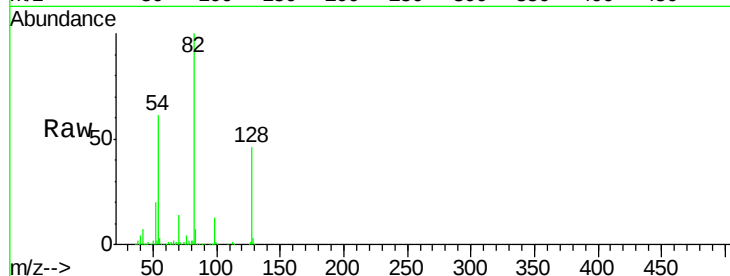




#19
n-Nitroso-di-n-propylamine
Concen: 19.586 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

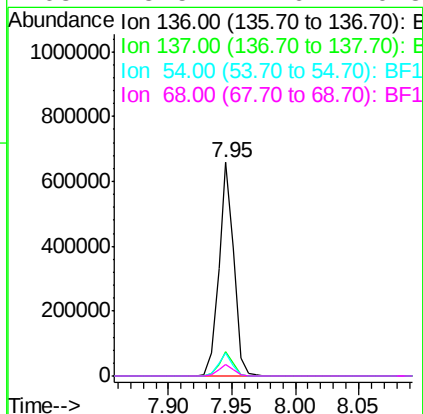
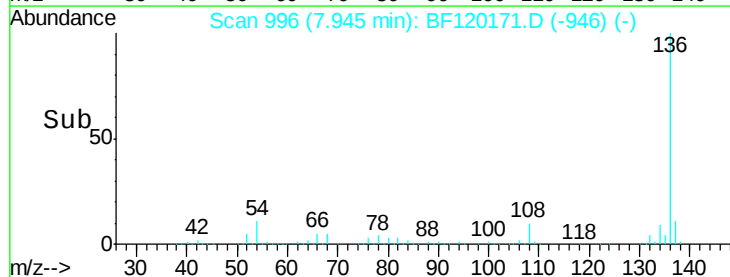
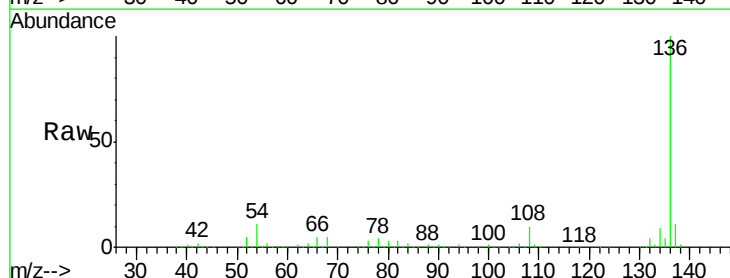
Instrument :
BNA_F
ClientSampleId :
FB-GW-2020-04-16

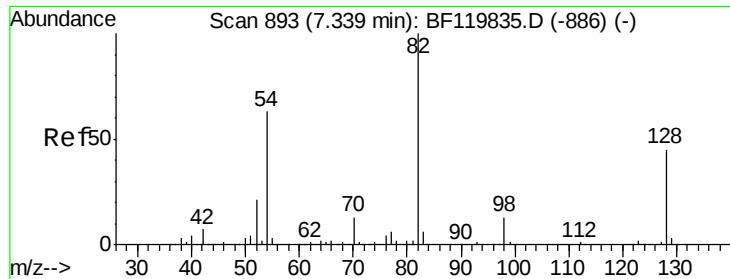
Tot Ion: 70 Resp: 131663
Ion Ratio Lower Upper
70 100
42 52.0 54.5 81.7#
101 0.0 7.6 11.4#
130 2.5 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

Tgt Ion: 136 Resp: 542366
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.5 9.1 13.7
68 5.5 4.6 6.8

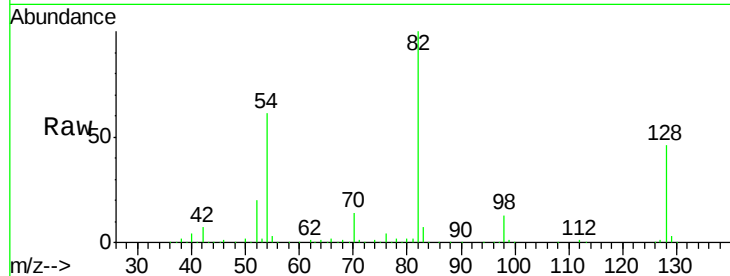




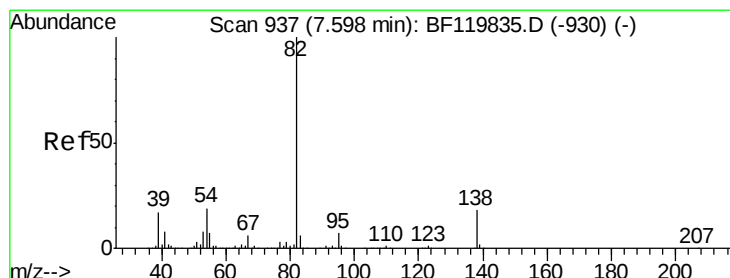
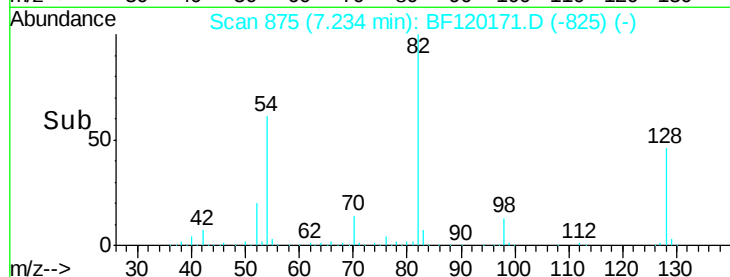
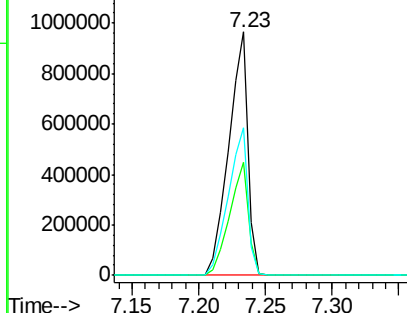
#23
Nitrobenzene-d5
Concen: 93.814 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

Instrument :
BNA_F
ClientSampleId :
FB-GW-2020-04-16

Tot Ion: 82 Resp: 983529
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 60.9 50.6 75.8

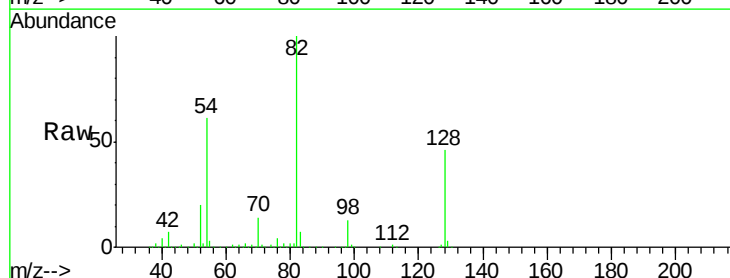


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

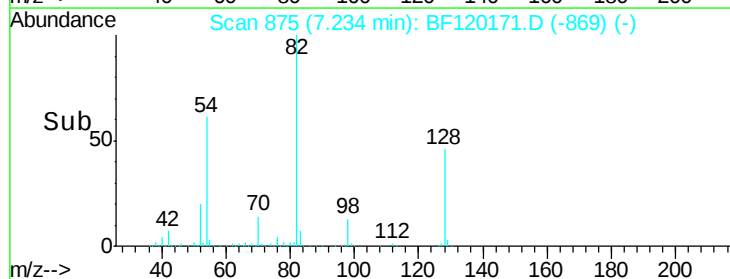
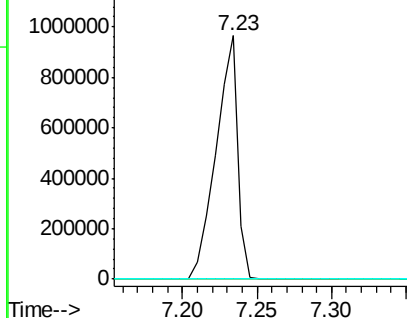


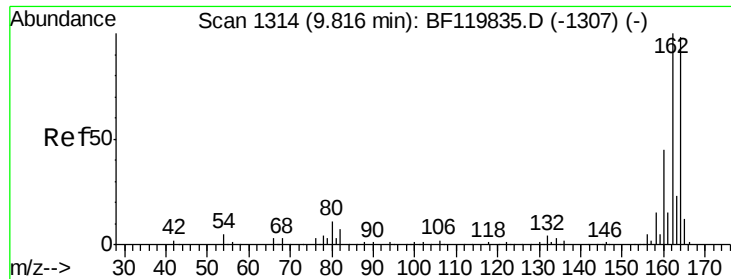
#25
Isophorone
Concen: 48.429 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

Tgt Ion: 82 Resp: 978744
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120171.D

Acq: 23 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

FB-GW-2020-04-16

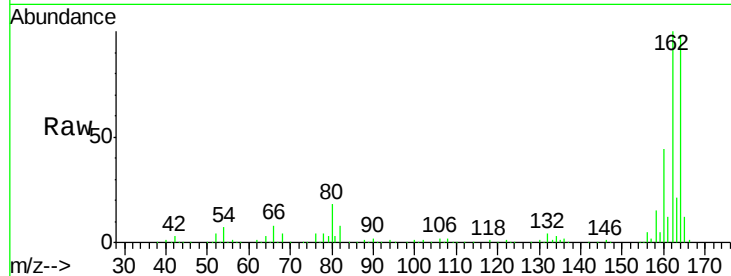
Tot Ion:164 Resp: 298859

Ion Ratio Lower Upper

164 100

162 101.9 80.6 121.0

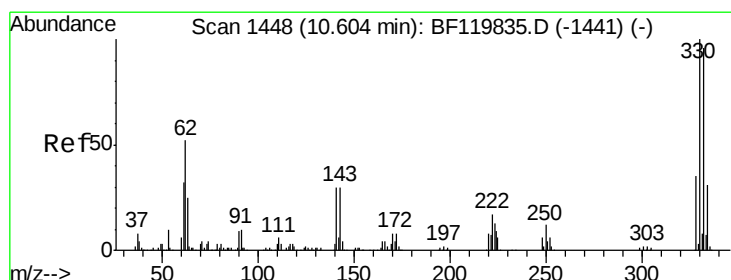
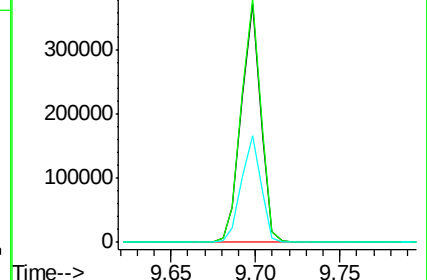
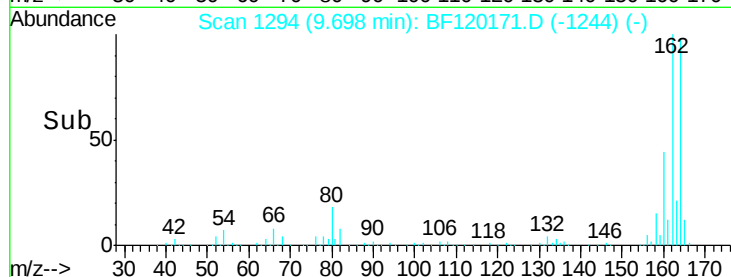
160 44.5 35.7 53.5



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: 129.254 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF120171.D

Acq: 23 Apr 2020 18:45

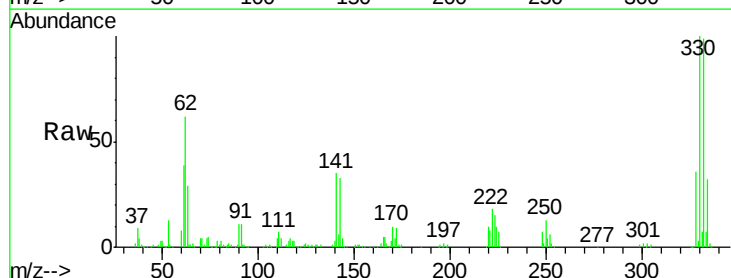
Tgt Ion:330 Resp: 472945

Ion Ratio Lower Upper

330 100

332 98.0 75.7 113.5

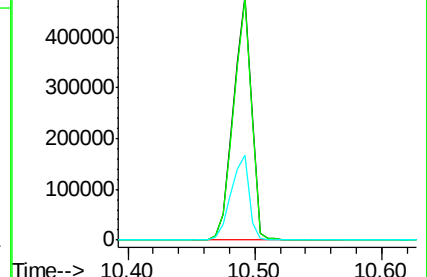
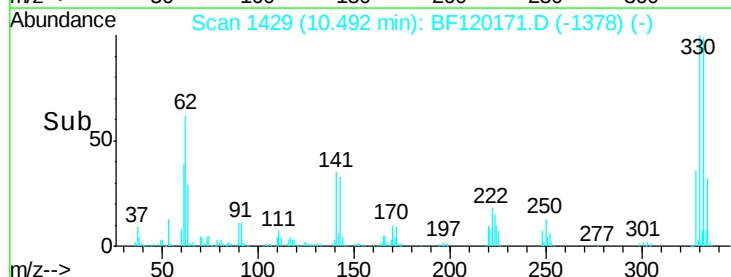
141 34.9 25.4 38.0

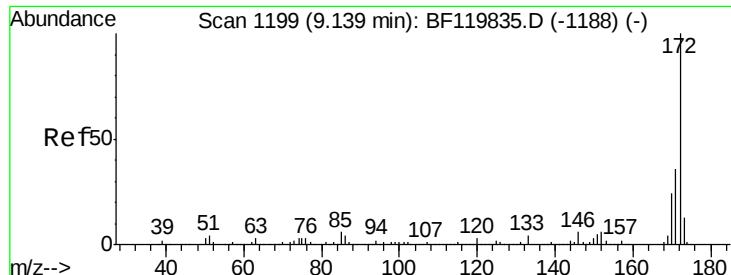


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

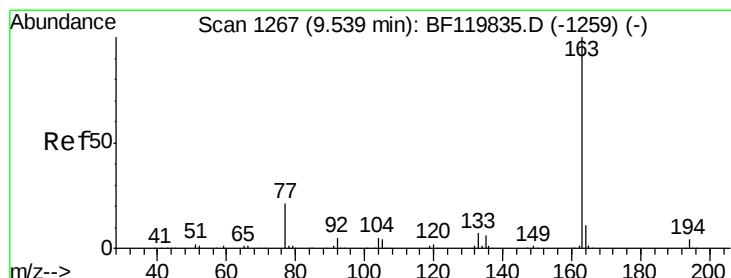
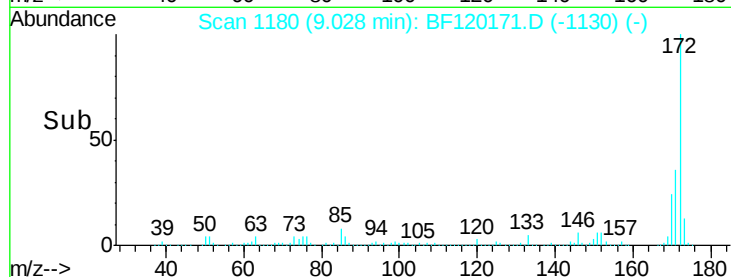
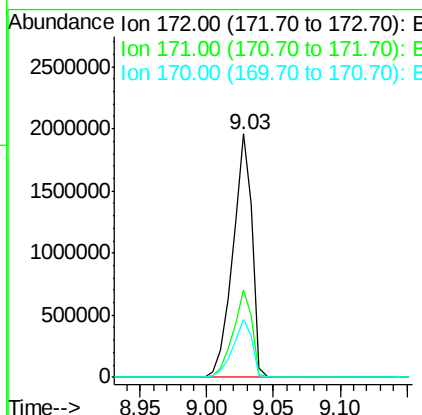
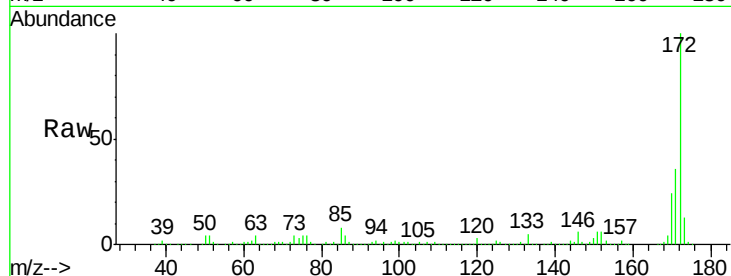




#45
2-Fluorobiphenyl
Concen: 93.783 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

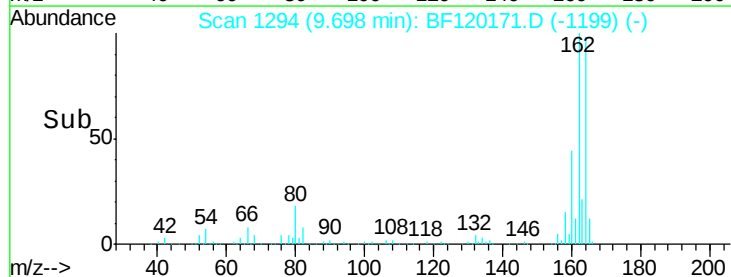
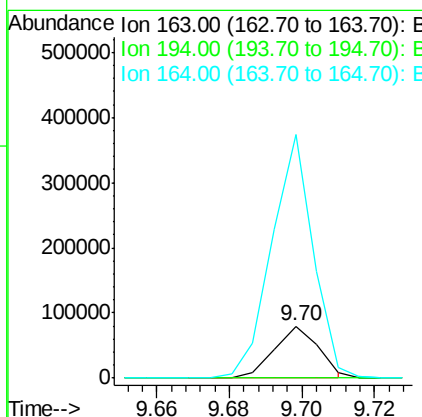
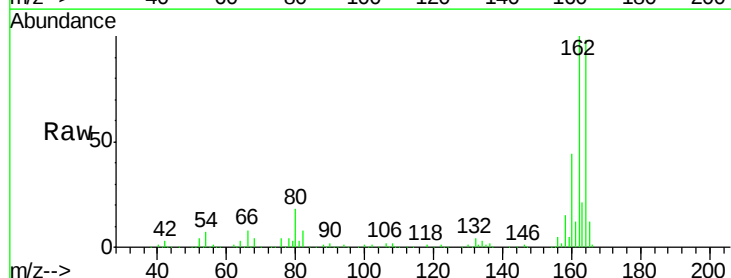
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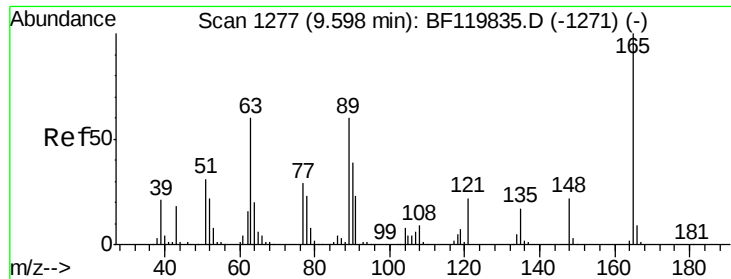
Tot Ion:172 Resp: 1974099
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.0 20.2 30.2



#50
Dimethylphthalate
Concen: 2.946 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.26 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

Tgt Ion:163 Resp: 68091
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 469.6 8.2 12.2#

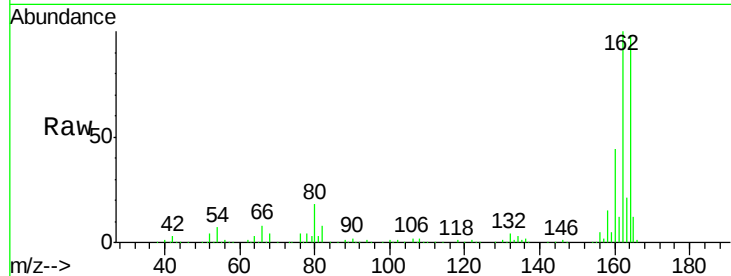




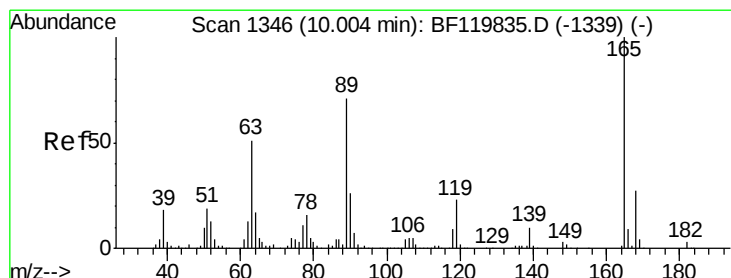
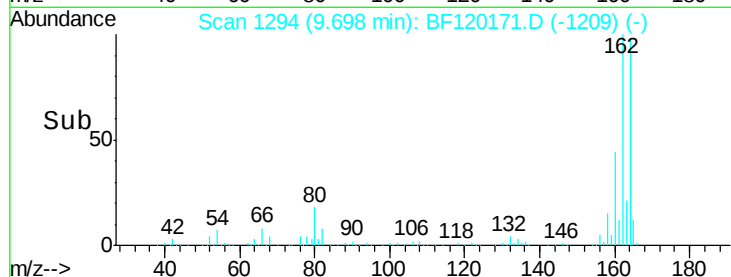
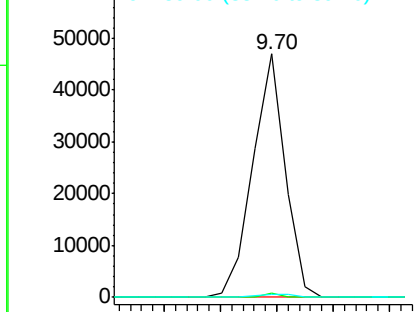
#51
 2,6-Dinitrotoluene
 Concen: 7.399 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.20 min
 Lab File: BF120171.D
 Acq: 23 Apr 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :
 FB-GW-2020-04-16

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	45.0	67.4#
89	1.1	41.5	62.3#



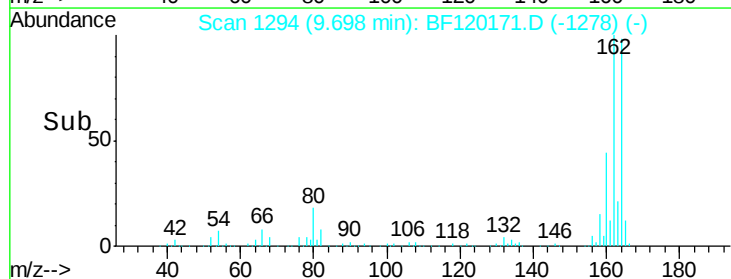
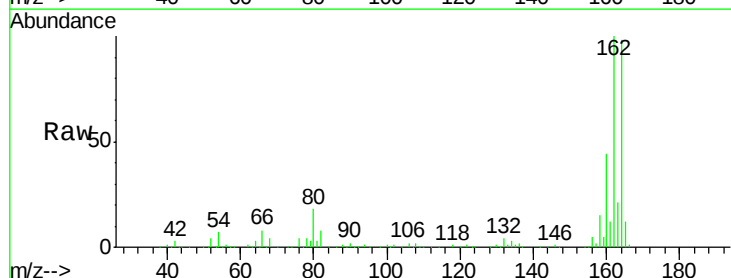
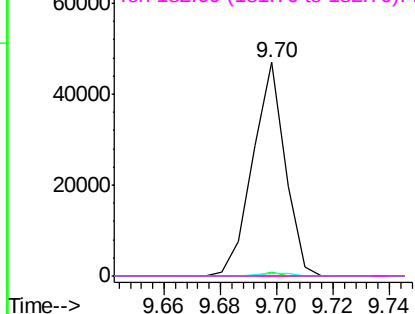
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

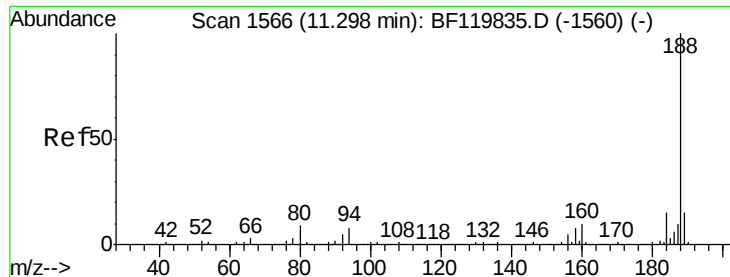


#57
 2,4-Dinitrotoluene
 Concen: 5.616 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120171.D
 Acq: 23 Apr 2020 18:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.6	64.0#
89	1.1	61.0	91.4#
182	0.0	2.2	3.2#

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

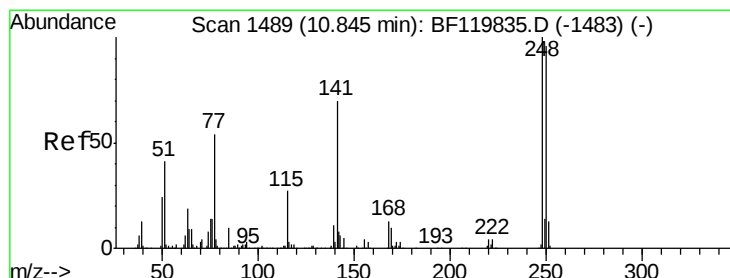
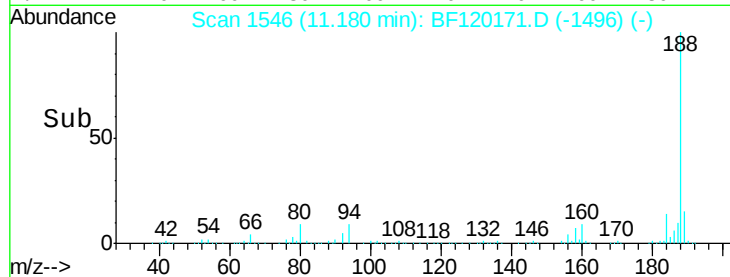
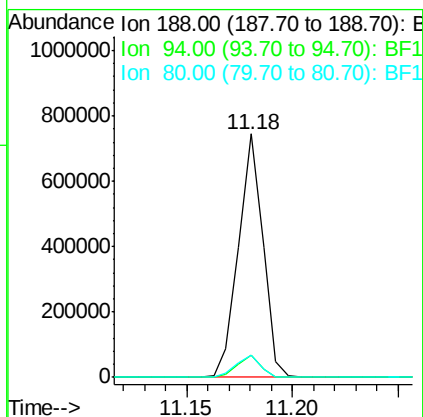
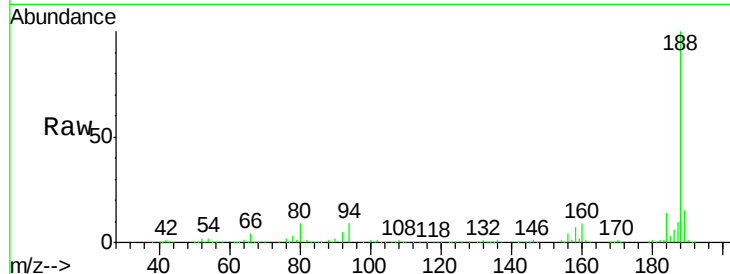




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

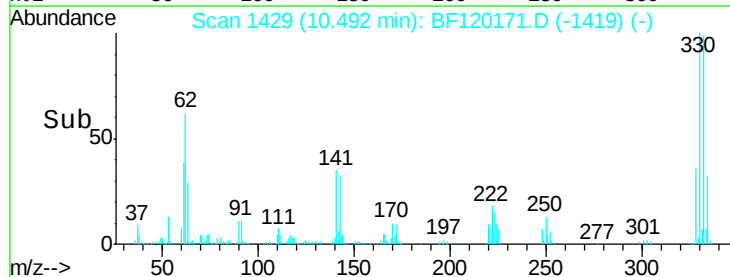
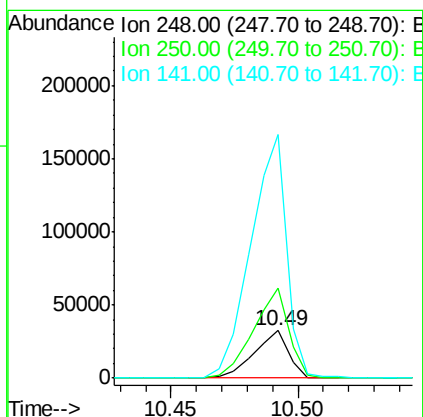
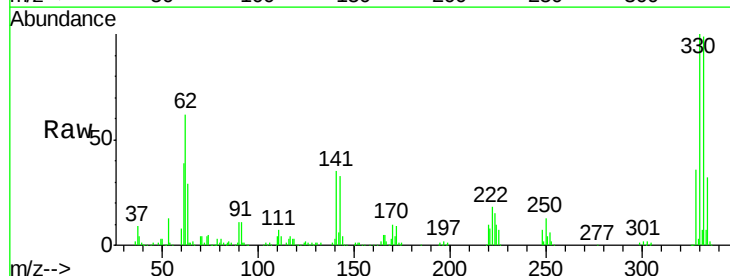
Instrument :
BNA_F
ClientSampleId :
FB-GW-2020-04-16

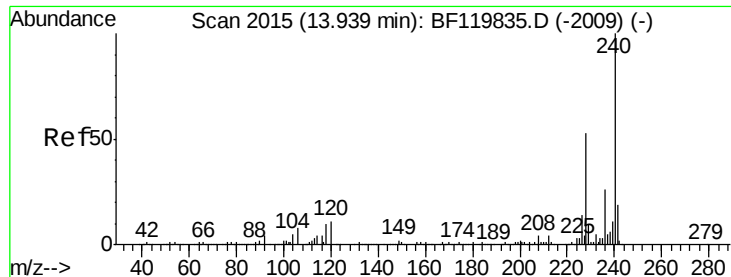
Tot Ion:188 Resp: 596313
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.102 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF120171.D
Acq: 23 Apr 2020 18:45

Tgt Ion:248 Resp: 30422
Ion Ratio Lower Upper
248 100
250 189.5 77.3 115.9#
141 513.5 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120171.D

Acq: 23 Apr 2020 18:45

Instrument :

BNA_F

ClientSampleId :

FB-GW-2020-04-16

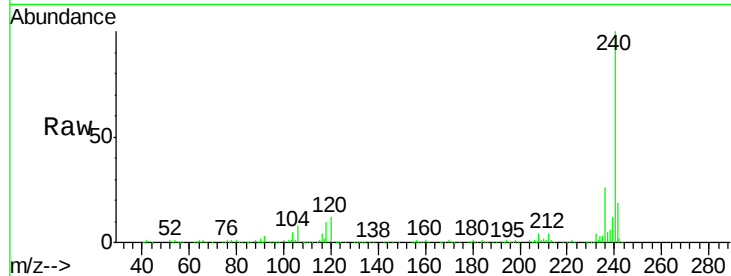
Tot Ion:240 Resp: 481221

Ion Ratio Lower Upper

240 100

120 11.7 10.6 15.8

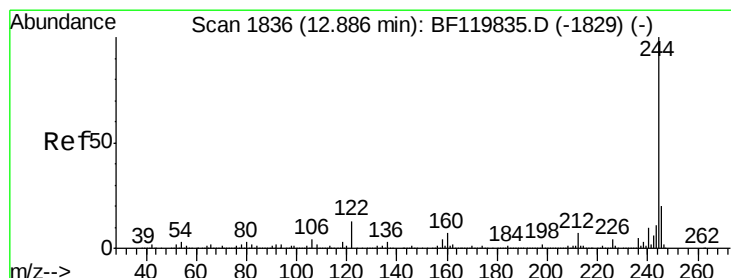
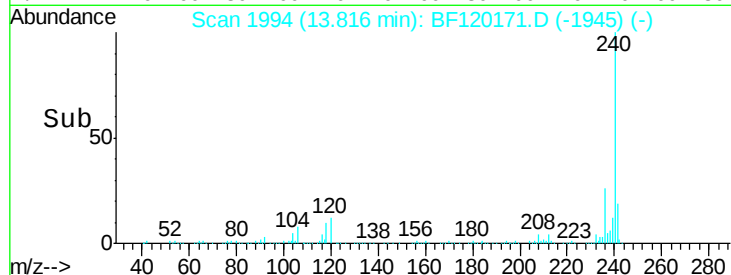
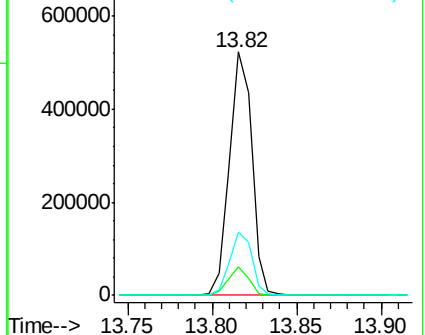
236 26.0 20.2 30.2



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



#79

Terphenyl-d14

Concen: 87.000 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120171.D

Acq: 23 Apr 2020 18:45

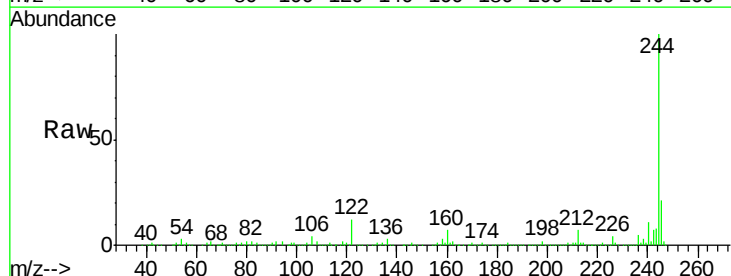
Tgt Ion:244 Resp: 2488114

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

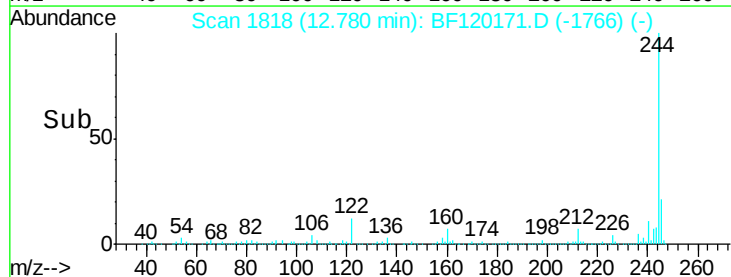
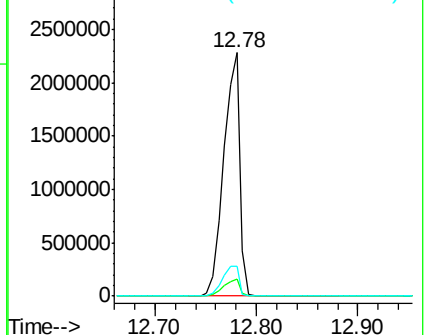
122 12.5 10.3 15.5

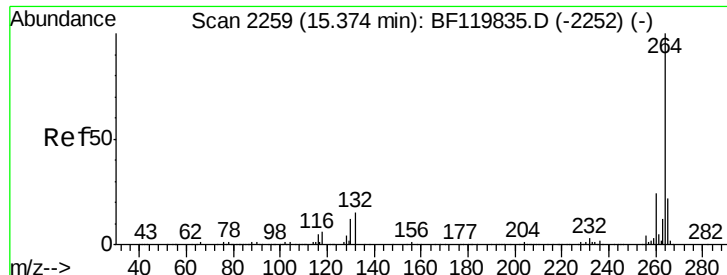


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120171.D
 Acq: 23 Apr 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :
 FB-GW-2020-04-16

Tot Ion:264 Resp: 405374
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 21.8 17.7 26.5

