

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120239.D
 Acq On : 30 Apr 2020 14:52
 Operator : MA/SJ
 Sample : L2445-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-WEST

Quant Time: Apr 30 15:31:46 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 30 12:39:25 2020
 Response via : Initial Calibration

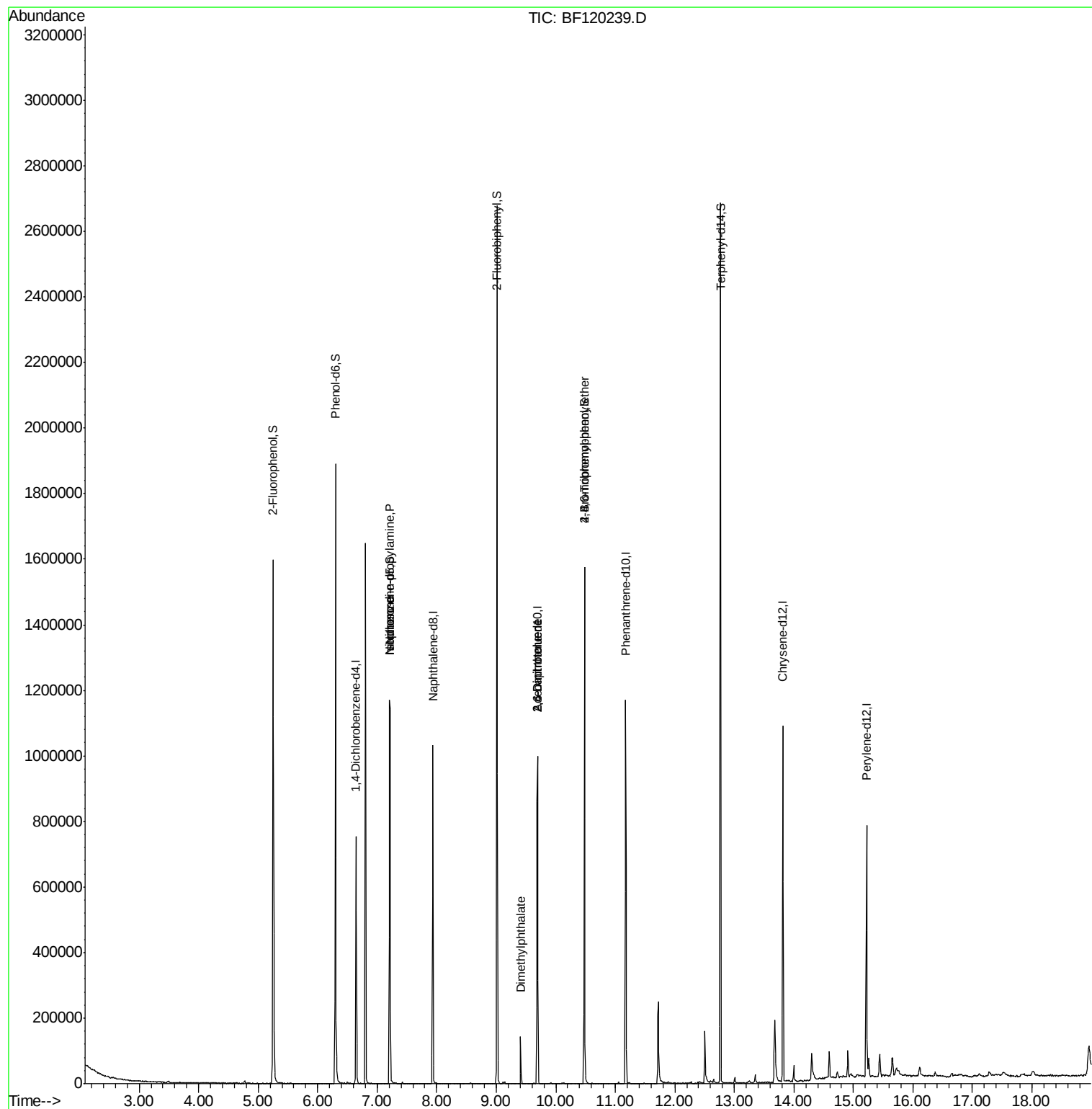
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	103400	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	393381	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	200153	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	397348	20.00	ng	0.00
76) Chrysene-d12	13.82	240	343558	20.00	ng	-0.01
87) Perylene-d12	15.22	264	337203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	415747	69.49	ng	0.00
7) Phenol-d6	6.30	99	556370	72.17	ng	-0.01
23) Nitrobenzene-d5	7.21	82	361153	47.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	164689	67.20	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	735815	52.19	ng	0.00
79) Terphenyl-d14	12.77	244	957726	46.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	658	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	46761	9.432 ng	#	1
25) Isophorone	7.21	82	361150	24.638 ng	#	74
50) Dimethylphthalate	9.41	163	55875	3.609 ng	#	65
51) 2,6-Dinitrotoluene	9.69	165	25251	7.448 ng	#	99
57) 2,4-Dinitrotoluene	9.69	165	25251	5.653 ng	#	27
67) 4-Bromophenyl-phenylether	10.48	248	10834	2.192 ng	#	20
					#	1

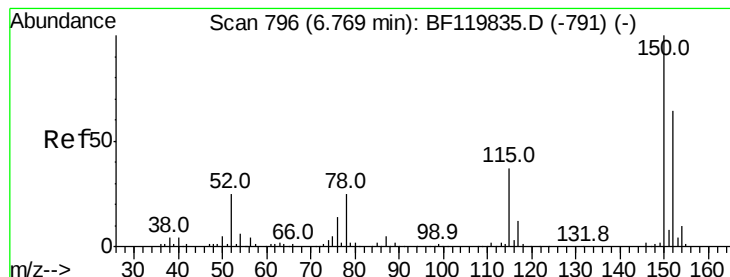
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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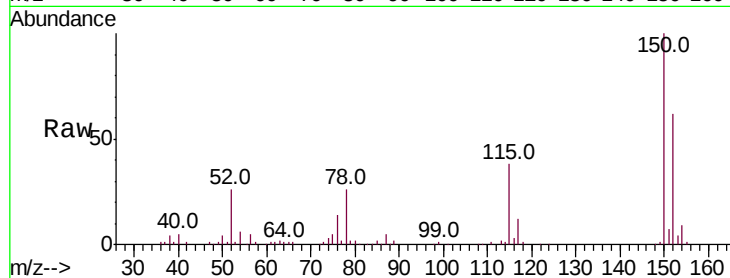


#1

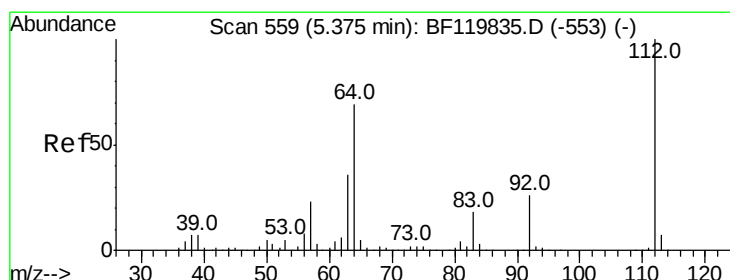
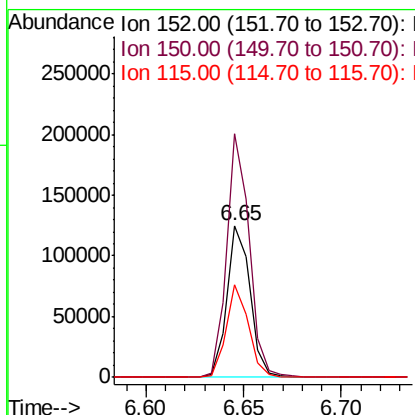
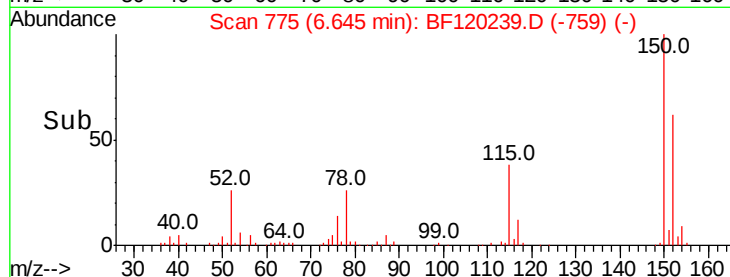
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF120239.D
Acq: 30 Apr 2020 14:52

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-WEST

Tot Ion:152 Resp: 103400
Ion Ratio Lower Upper
152 100
150 160.7 124.5 186.7
115 61.3 49.6 74.4



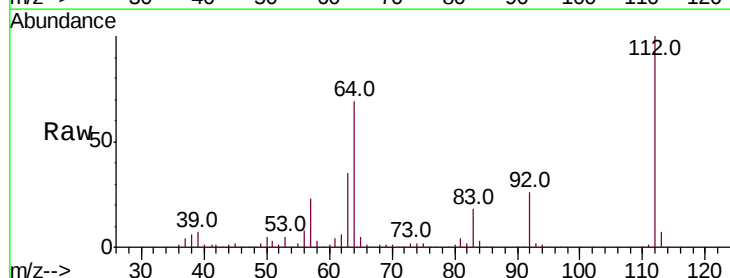
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



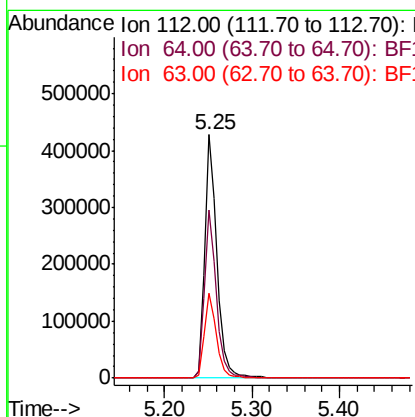
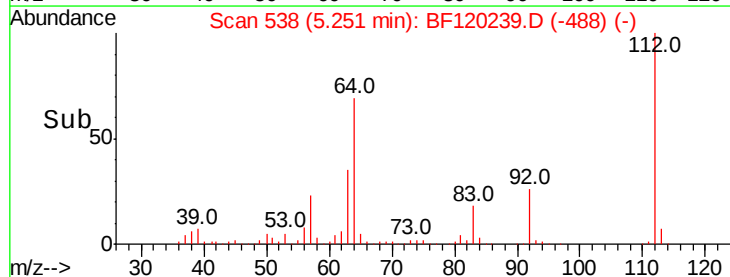
#5

2-Fluorophenol
Concen: 69.486 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF120239.D
Acq: 30 Apr 2020 14:52

Tgt Ion:112 Resp: 415747
Ion Ratio Lower Upper
112 100
64 68.9 56.7 85.1
63 34.9 29.5 44.3



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: 72.166 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120239.D

Acq: 30 Apr 2020 14:52

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-WEST

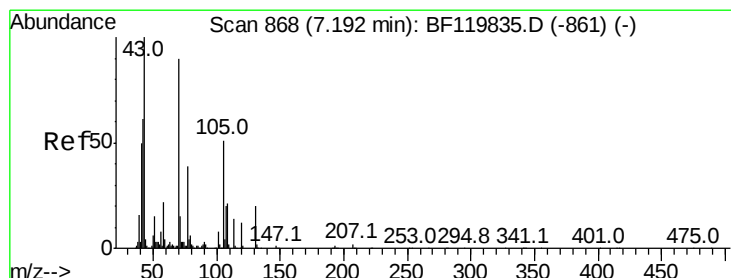
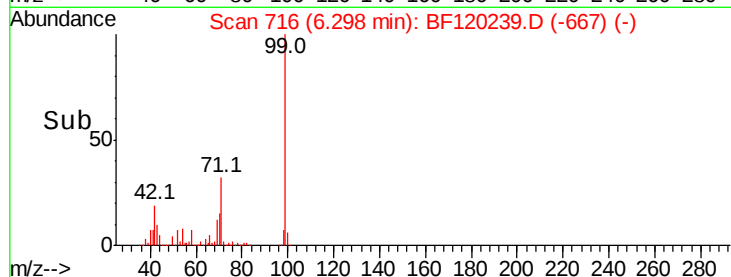
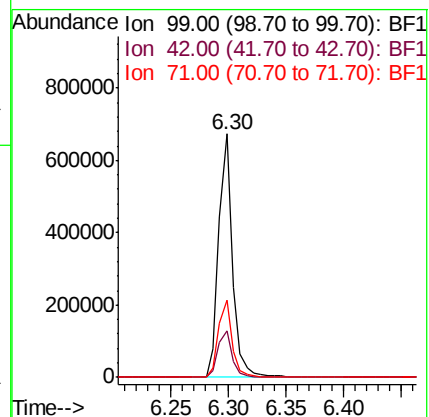
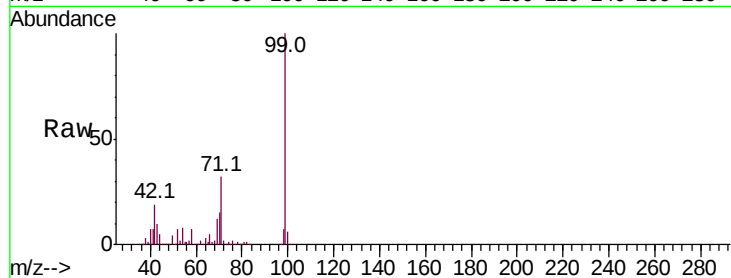
Tot Ion: 99 Resp: 556370

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

71 31.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 9.432 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.14 min

Lab File: BF120239.D

Acq: 30 Apr 2020 14:52

Tgt Ion: 70 Resp: 46761

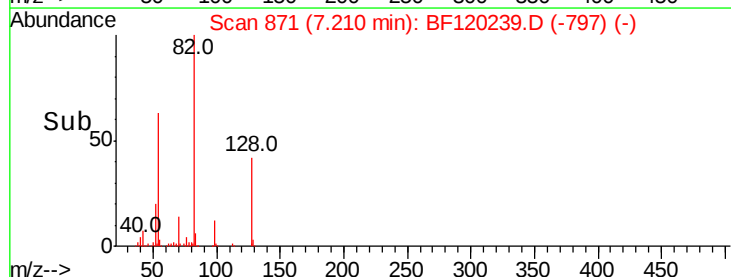
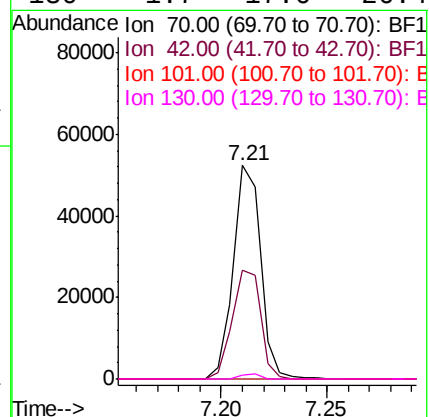
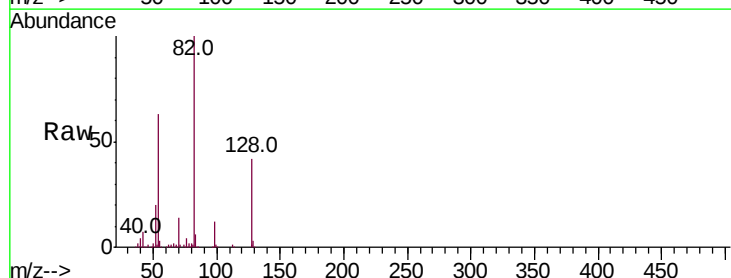
Ion Ratio Lower Upper

70 100

42 51.0 54.5 81.7#

101 0.0 7.6 11.4#

130 1.7 17.6 26.4#

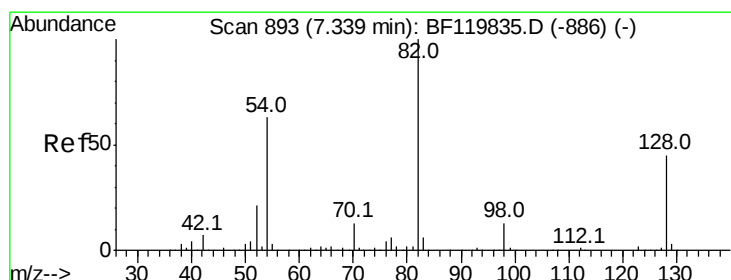
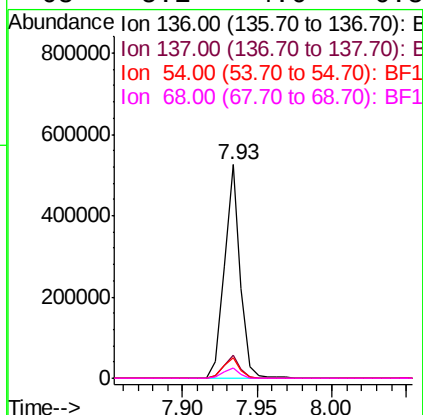
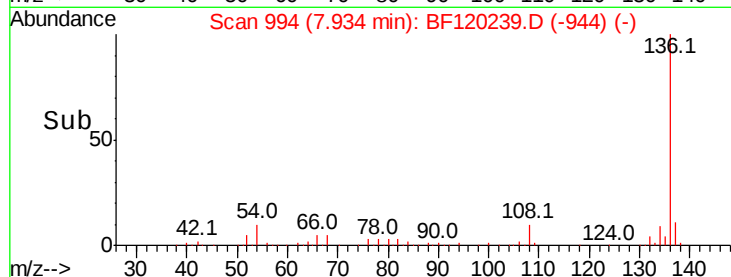
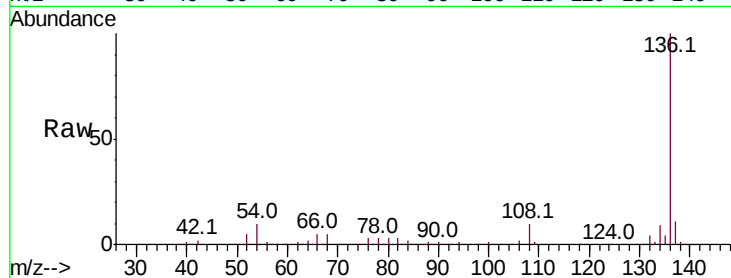




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120239.D
Acq: 30 Apr 2020 14:52

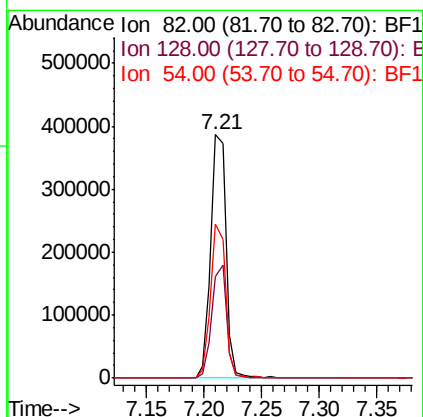
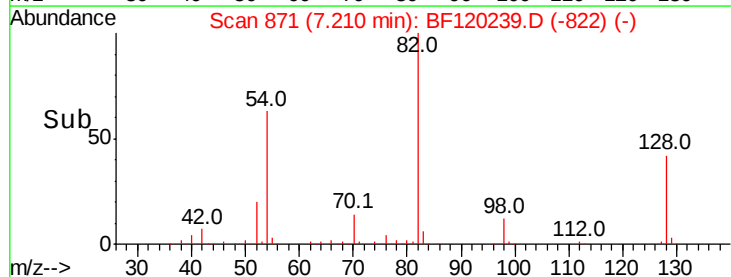
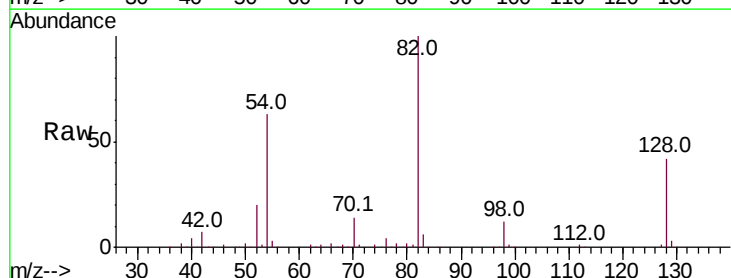
Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-WEST

Tot Ion:	136	Resp:	393381
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.5	9.1	13.7
68	5.1	4.6	6.8



#23
Nitrobenzene-d5
Concen: 47.495 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120239.D
Acq: 30 Apr 2020 14:52

Tgt Ion:	82	Resp:	361153
Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.3	54.5
54	63.0	50.6	75.8





#25

Isophorone

Concen: 24.638 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF120239.D

Acq: 30 Apr 2020 14:52

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-WEST

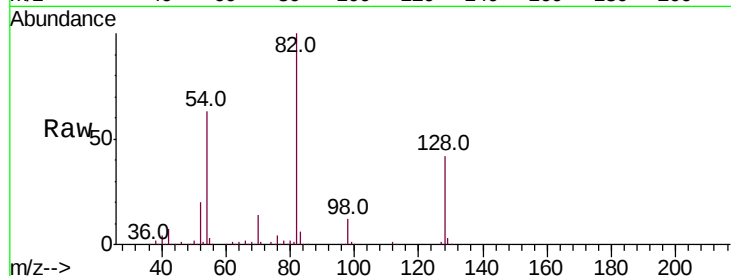
Tot Ion: 82 Resp: 361150

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

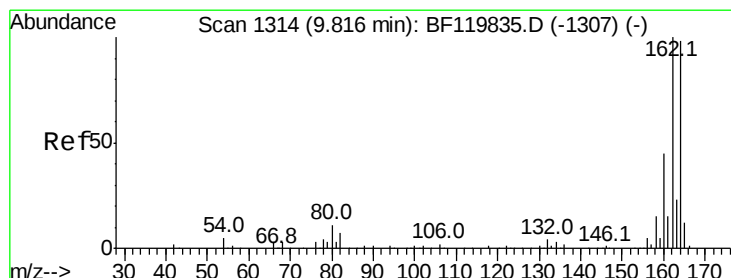
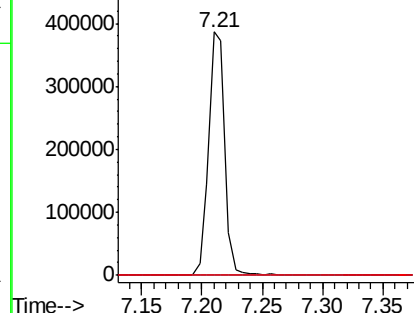
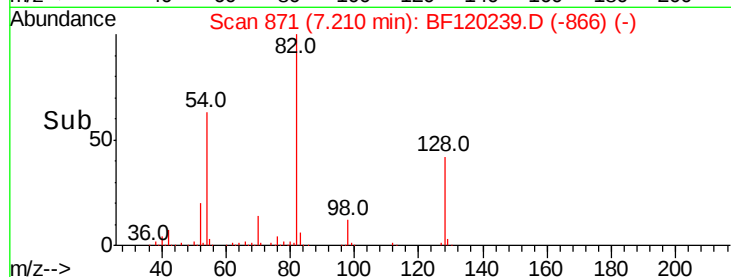
138 0.0 14.6 21.8#



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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120239.D

Acq: 30 Apr 2020 14:52

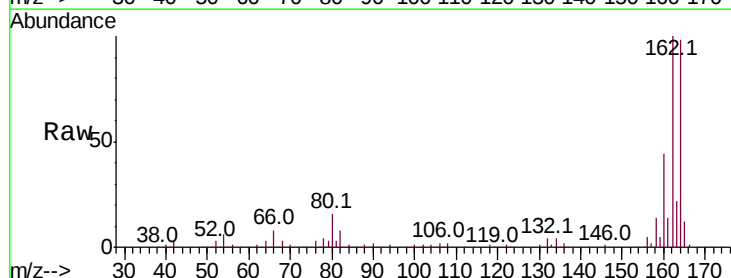
Tgt Ion:164 Resp: 200153

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

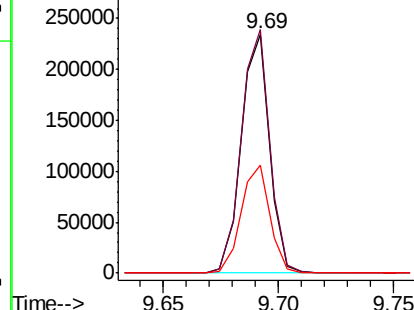
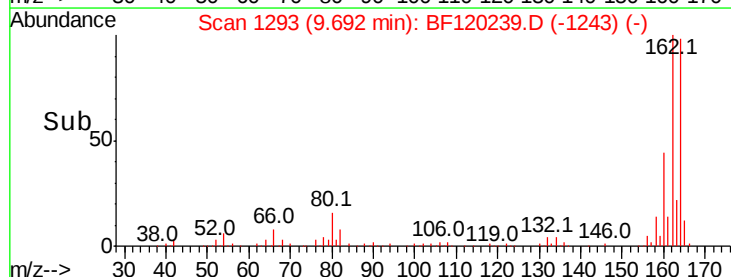
160 45.0 35.7 53.5

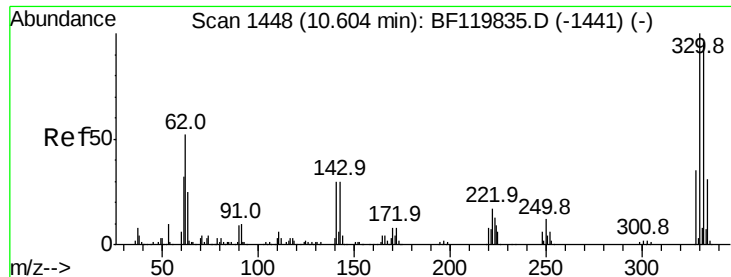


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

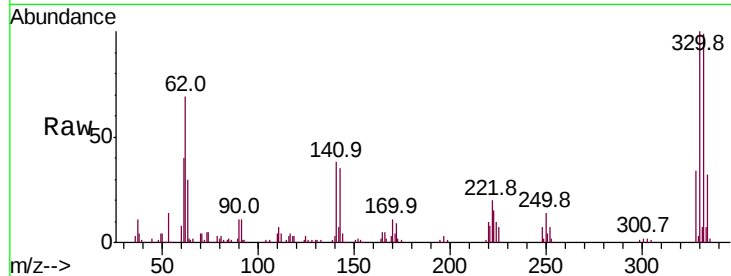




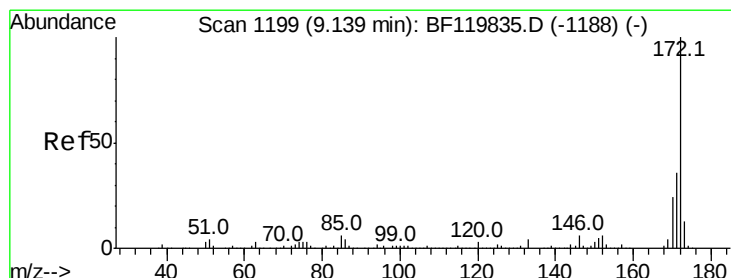
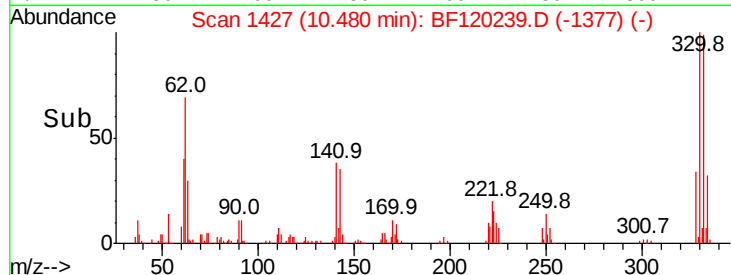
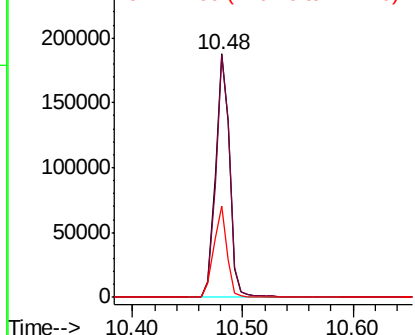
#42
 2,4,6-Tribromophenol
 Concen: 67.205 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120239.D
 Acq: 30 Apr 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-WEST

Tot Ion:330 Resp: 164689
 Ion Ratio Lower Upper
 330 100
 332 98.3 75.7 113.5
 141 35.1 25.4 38.0

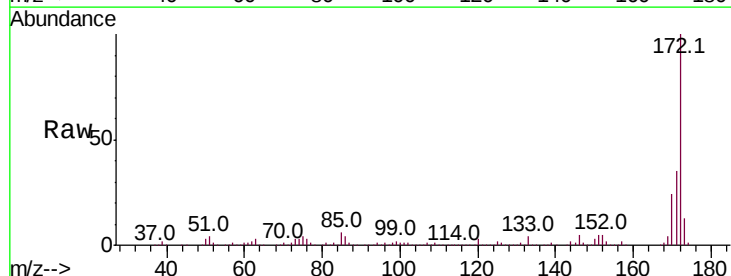


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

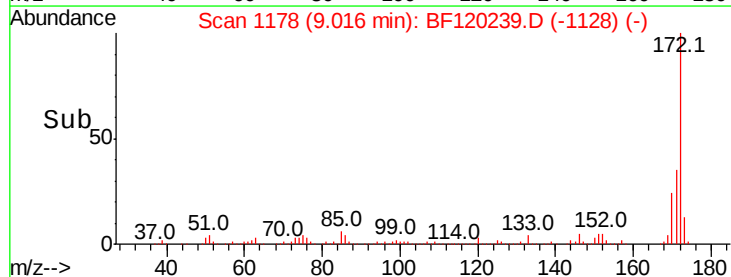
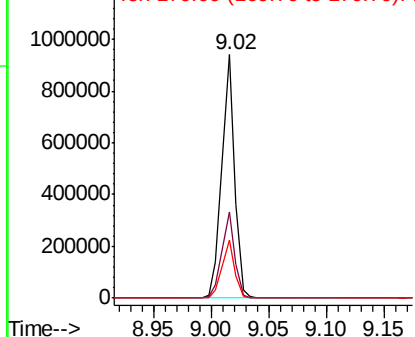


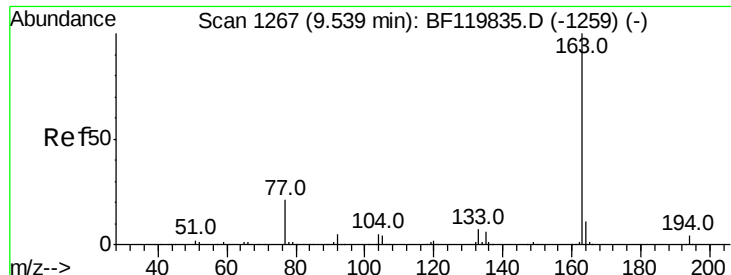
#45
 2-Fluorobiphenyl
 Concen: 52.195 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120239.D
 Acq: 30 Apr 2020 14:52

Tgt Ion:172 Resp: 735815
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 24.0 20.2 30.2



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





#50

Dimethylphthalate

Concen: 3.609 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF120239.D

Acq: 30 Apr 2020 14:52

Instrument :

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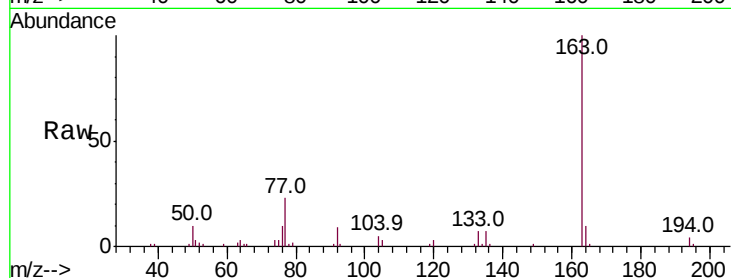
Tot Ion:163 Resp: 55875

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

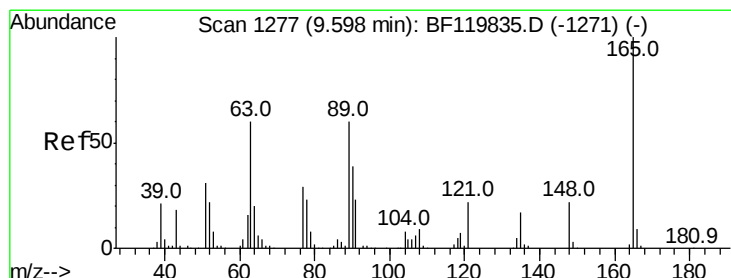
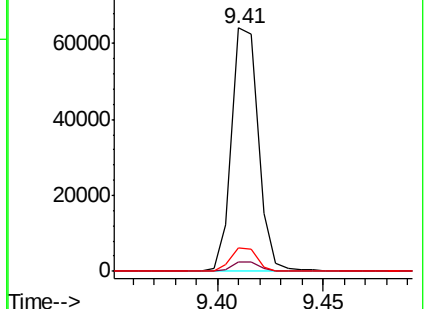
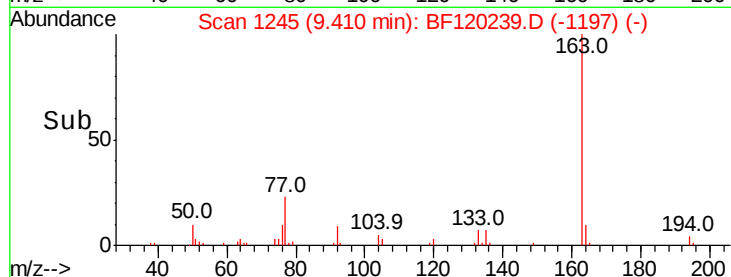
164 9.8 8.2 12.2



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: 7.448 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.20 min

Lab File: BF120239.D

Acq: 30 Apr 2020 14:52

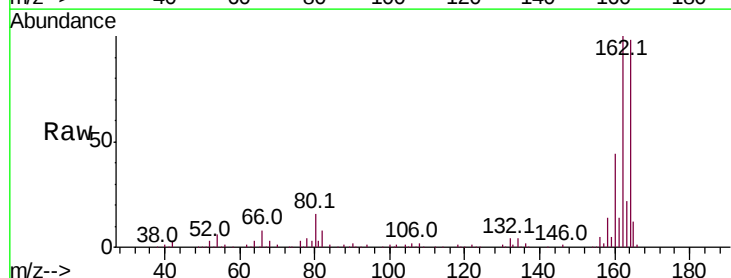
Tgt Ion:165 Resp: 25251

Ion Ratio Lower Upper

165 100

63 1.5 45.0 67.4#

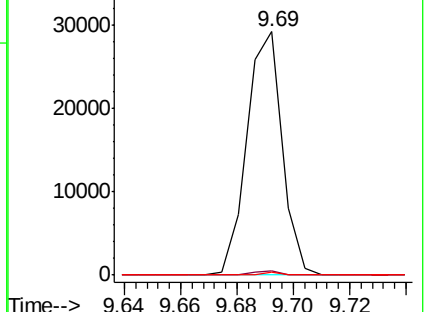
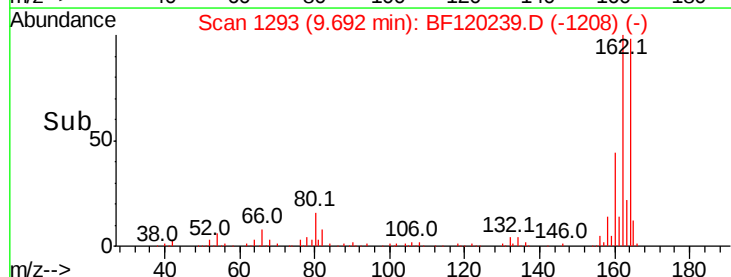
89 1.4 41.5 62.3#

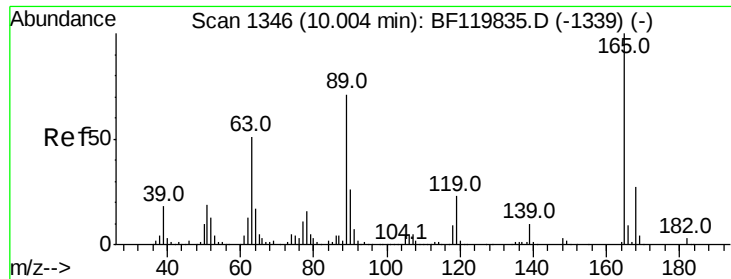


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

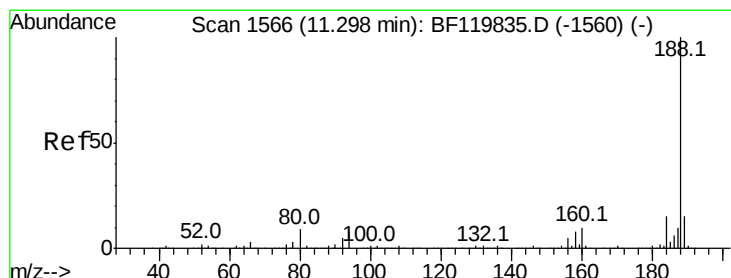
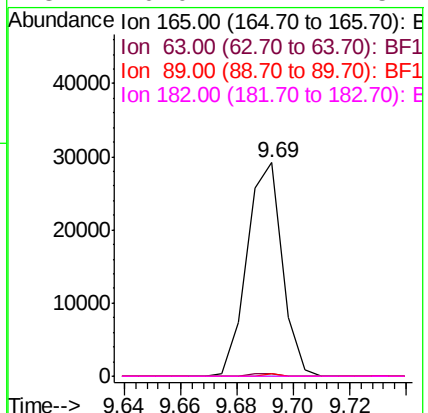
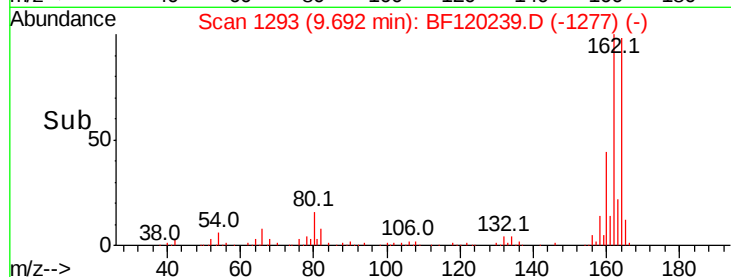
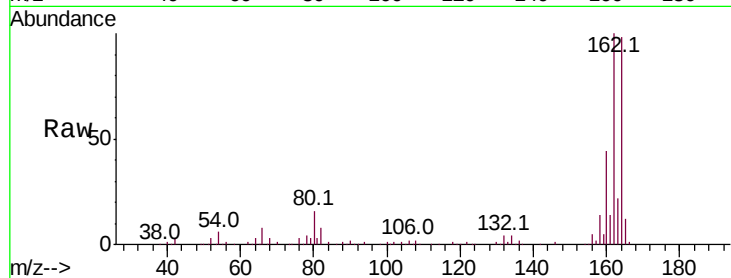




#57
 2,4-Dinitrotoluene
 Concen: 5.653 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF120239.D
 Acq: 30 Apr 2020 14:52

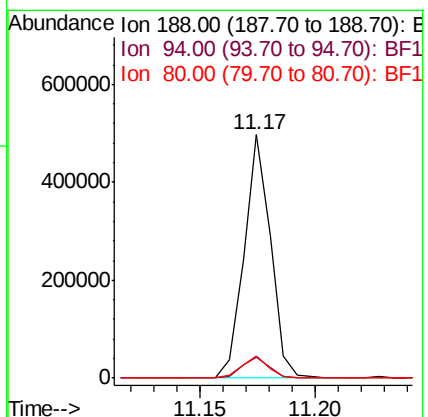
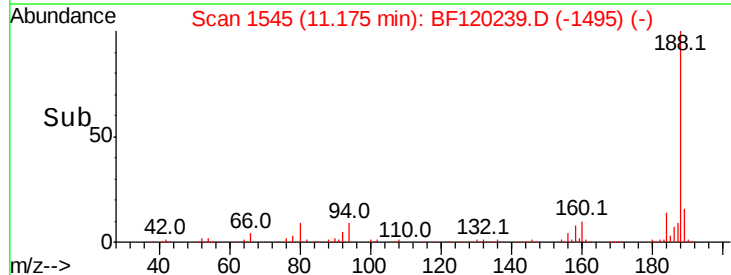
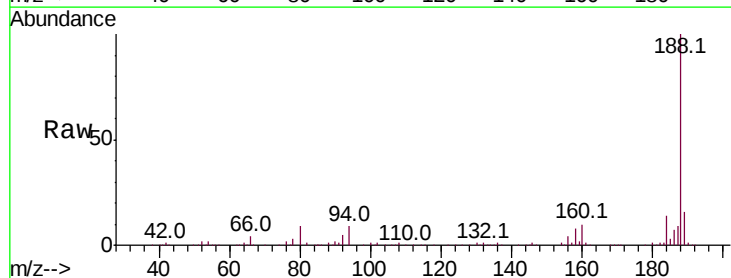
Instrument :
 BNA_F
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 EOD-PROJECT-WEST

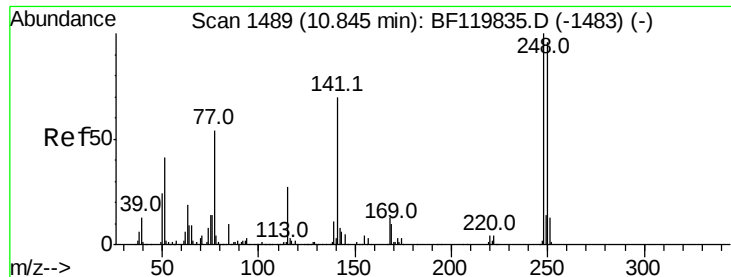
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.4	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120239.D
 Acq: 30 Apr 2020 14:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	8.9	9.0	13.4#

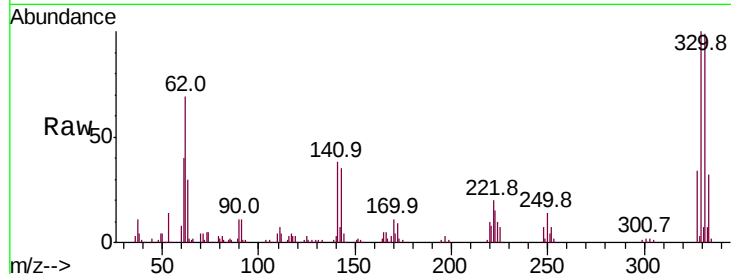




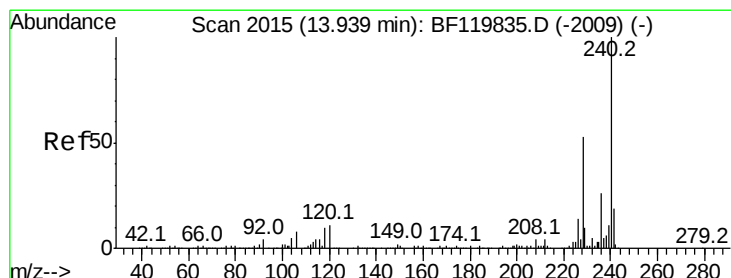
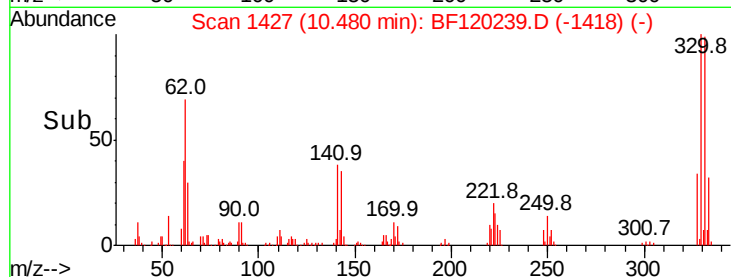
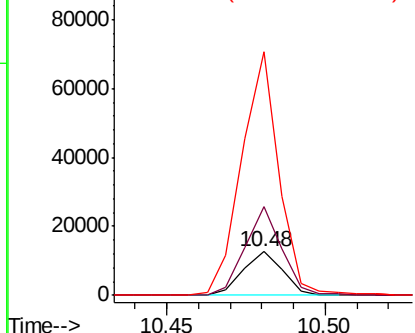
#67
4-Bromophenyl-phenylether
Concen: 2.192 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF120239.D
Acq: 30 Apr 2020 14:52

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-WEST

Tot Ion:248 Resp: 10834
Ion Ratio Lower Upper
248 100
250 204.4 77.3 115.9#
141 561.0 58.6 87.8#

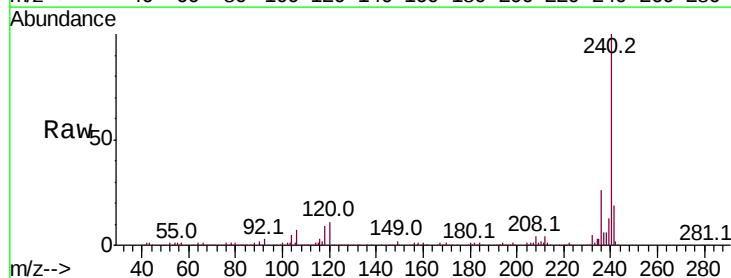


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

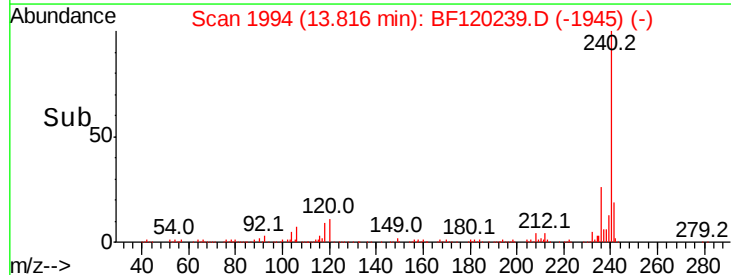
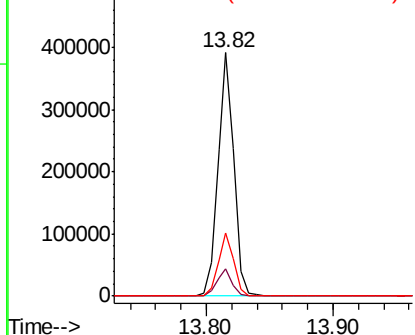


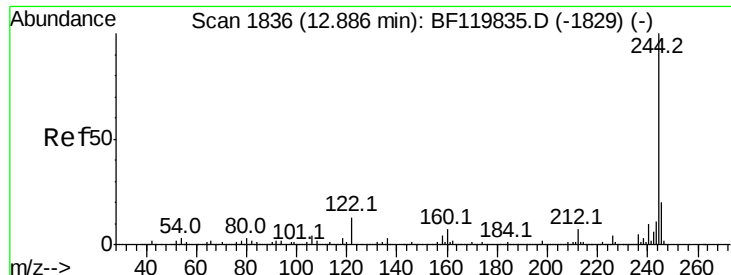
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120239.D
Acq: 30 Apr 2020 14:52

Tgt Ion:240 Resp: 343558
Ion Ratio Lower Upper
240 100
120 11.2 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: 46.907 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120239.D

Acq: 30 Apr 2020 14:52

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-WEST

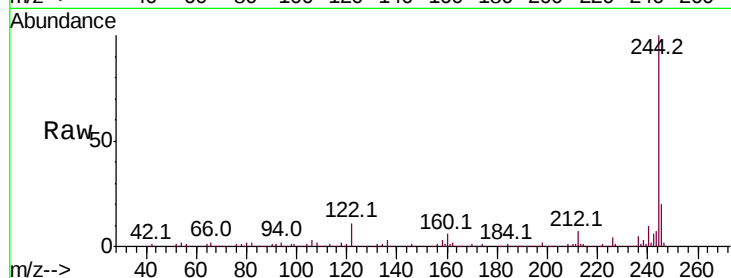
Tot Ion:244 Resp: 957726

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

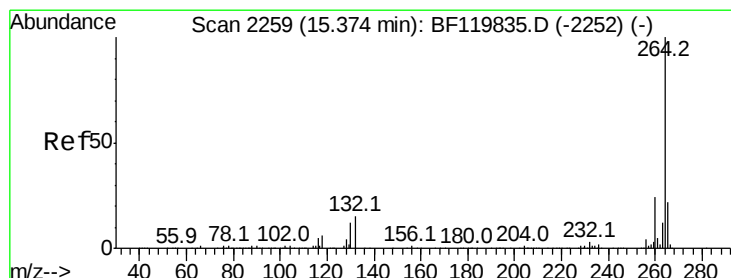
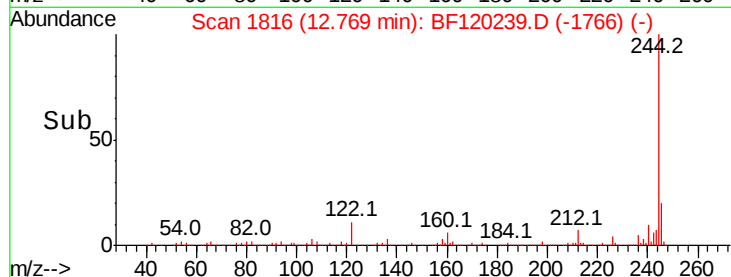
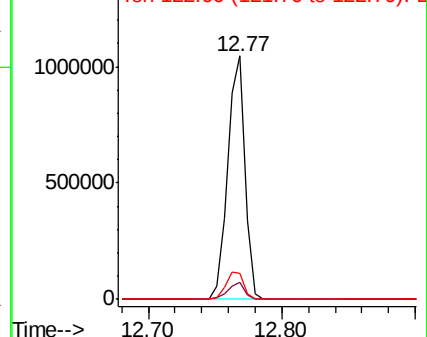
122 10.5 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120239.D

Acq: 30 Apr 2020 14:52

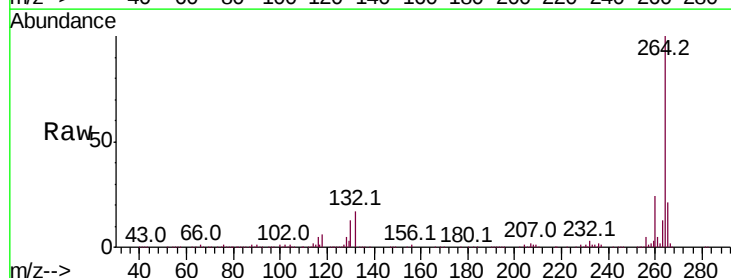
Tgt Ion:264 Resp: 337203

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

