

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120236.D
 Acq On : 30 Apr 2020 13:29
 Operator : MA/SJ
 Sample : L2445-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EAST

Quant Time: Apr 30 13:59:39 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

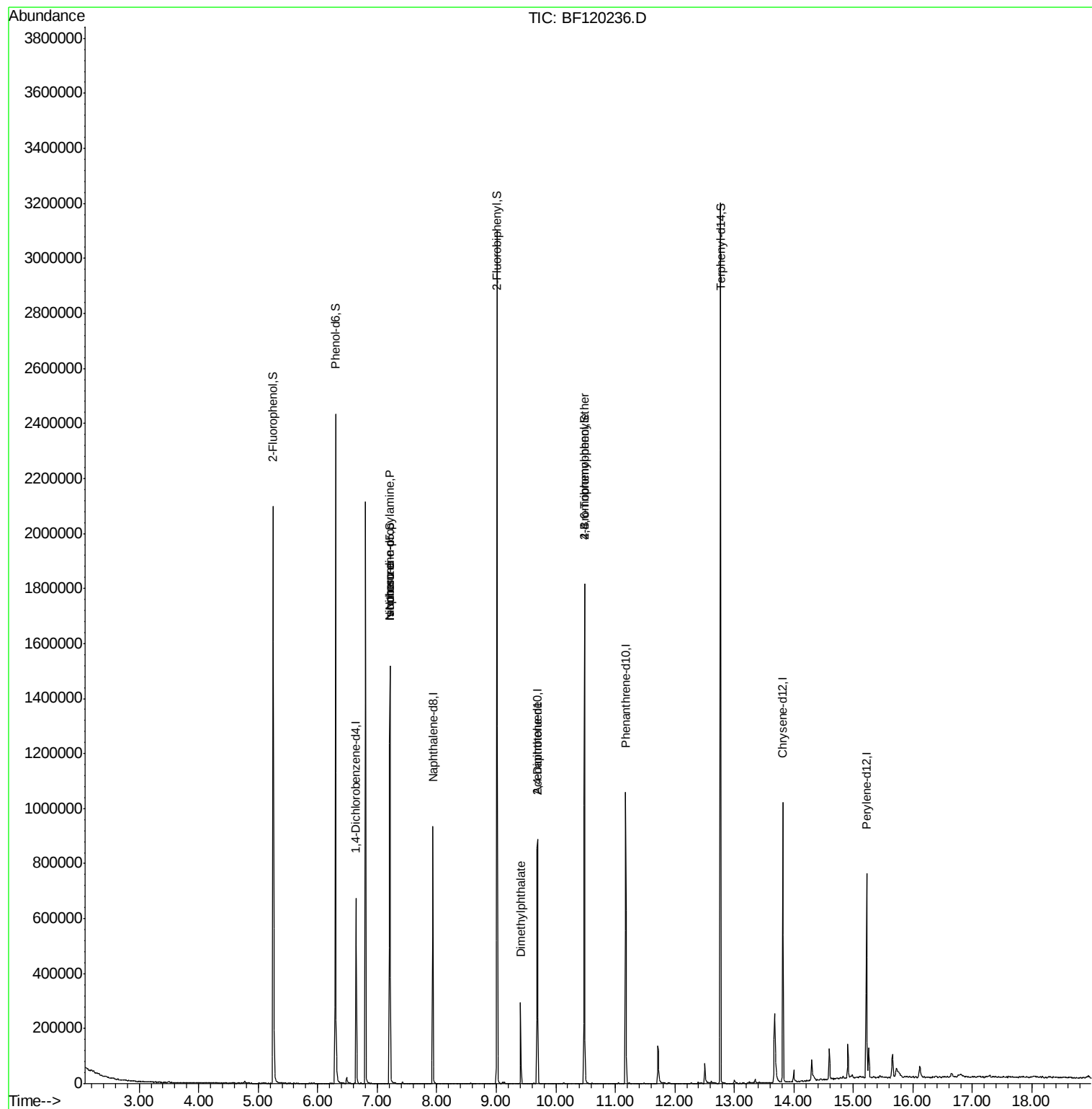
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	93804	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	363882	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	186359	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	368317	20.00	ng	0.00
76) Chrysene-d12	13.82	240	317721	20.00	ng	-0.01
87) Perylene-d12	15.22	264	315149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	551673	101.64	ng	0.00
7) Phenol-d6	6.30	99	702670	100.47	ng	-0.01
23) Nitrobenzene-d5	7.22	82	442205	62.87	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	189652	83.12	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	869315	66.23	ng	0.00
79) Terphenyl-d14	12.77	244	1067573	56.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	902	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	56051	12.463 ng	#	1
25) Isophorone	7.22	82	442198	32.613 ng	#	74
50) Dimethylphthalate	9.42	163	118792	8.241 ng	#	65
57) 2,4-Dinitrotoluene	9.69	165	23518	5.655 ng	#	99
67) 4-Bromophenyl-phenylether	10.48	248	11995	2.619 ng	#	19
					#	1

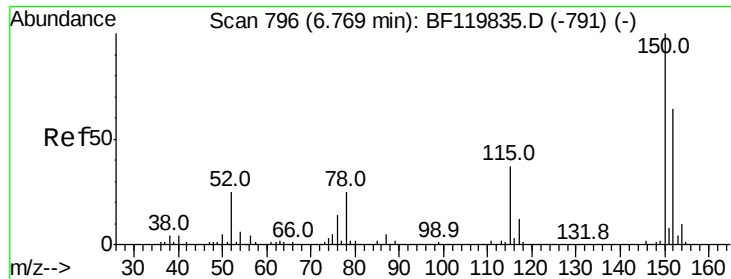
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
Data File : BF120236.D
Acq On : 30 Apr 2020 13:29
Operator : MA/SJ
Sample : L2445-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EAST

Quant Time: Apr 30 13:59:39 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



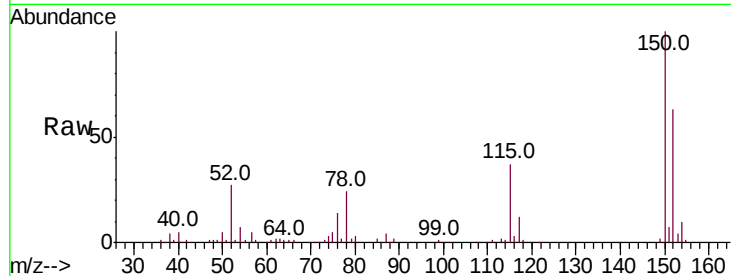


#1

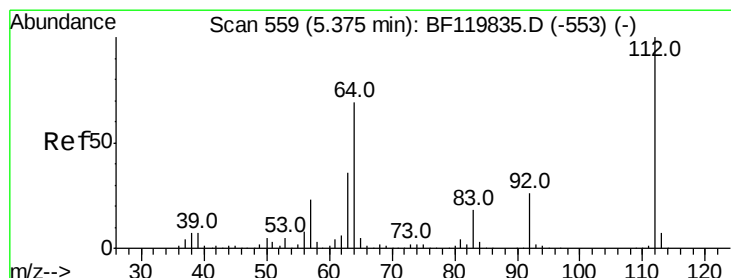
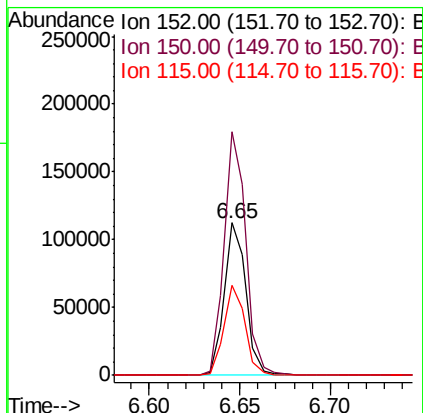
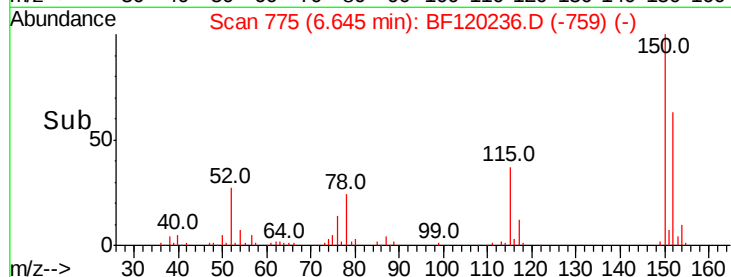
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF120236.D
 Acq: 30 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EAST

Tot Ion:152 Resp: 93804
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.5 186.7
 115 59.3 49.6 74.4



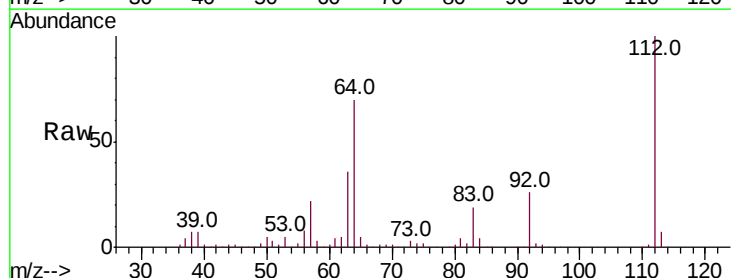
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



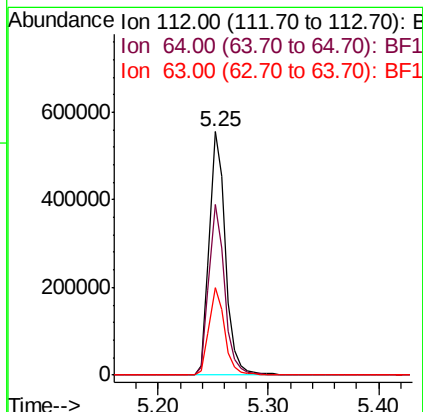
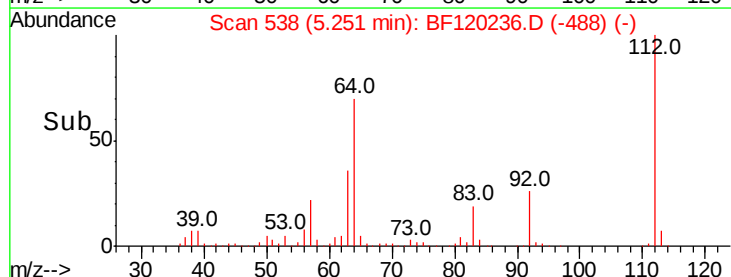
#5

2-Fluorophenol
 Concen: 101.637 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF120236.D
 Acq: 30 Apr 2020 13:29

Tgt Ion:112 Resp: 551673
 Ion Ratio Lower Upper
 112 100
 64 70.3 56.7 85.1
 63 36.0 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: 100.466 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120236.D

Acq: 30 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EAST

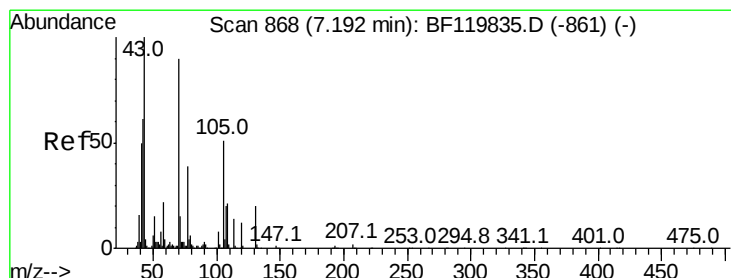
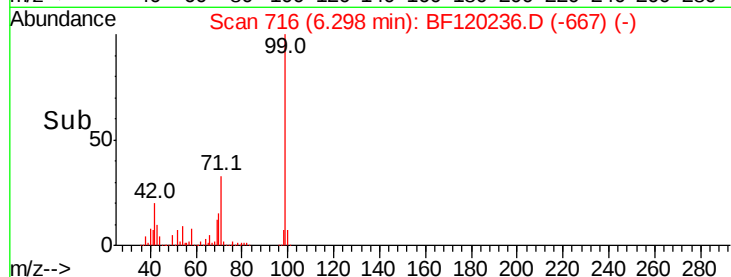
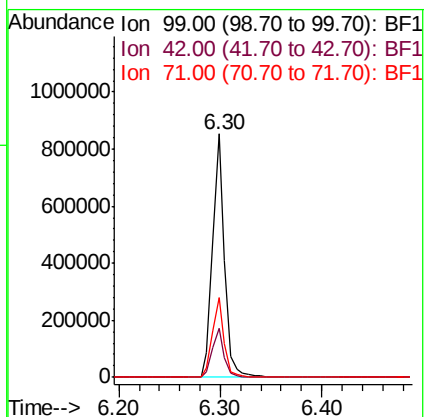
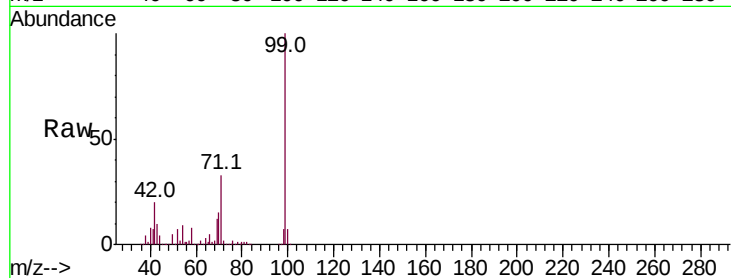
Tot Ion: 99 Resp: 702670

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 32.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.463 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120236.D

Acq: 30 Apr 2020 13:29

Tgt Ion: 70 Resp: 56051

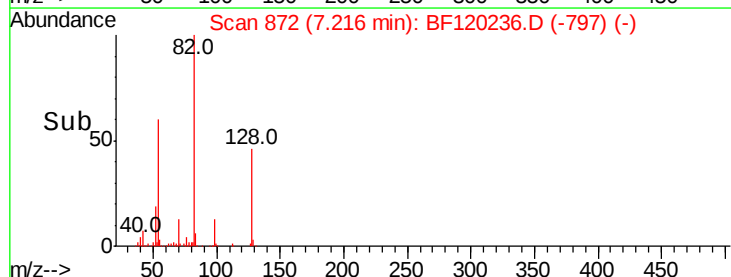
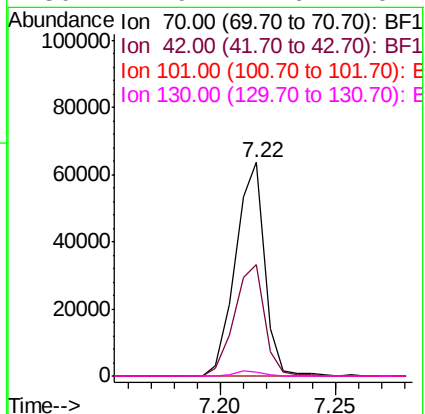
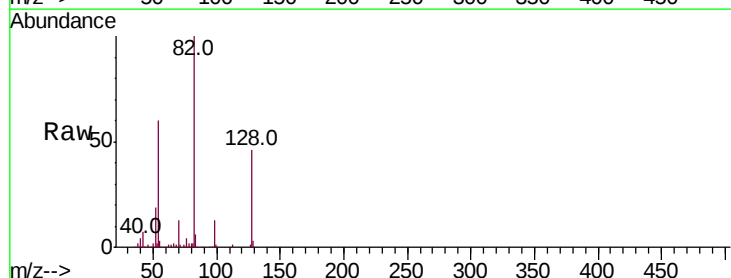
Ion Ratio Lower Upper

70 100

42 51.9 54.5 81.7#

101 0.0 7.6 11.4#

130 1.9 17.6 26.4#

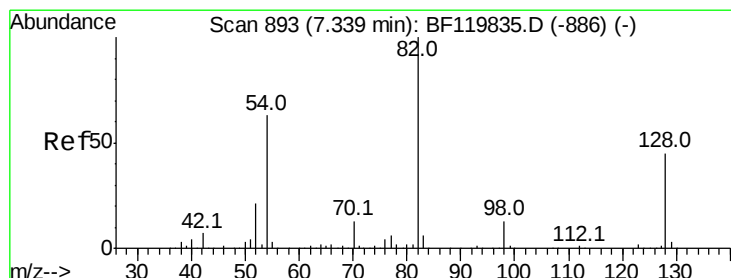
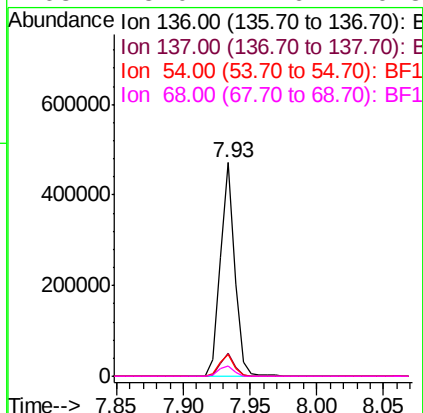
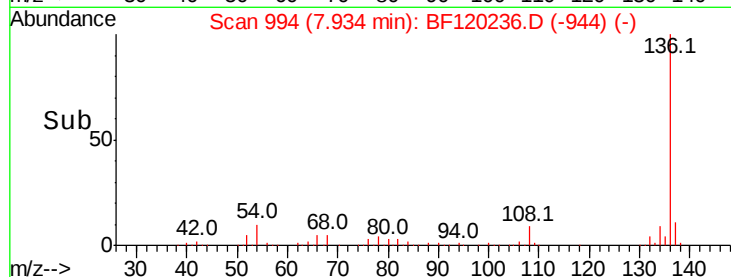
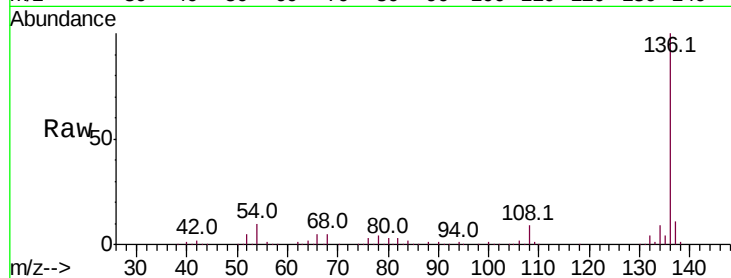




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120236.D
Acq: 30 Apr 2020 13:29

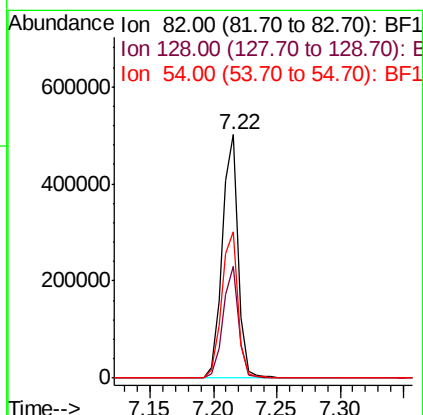
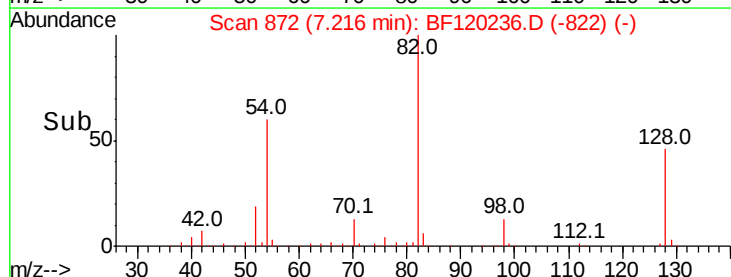
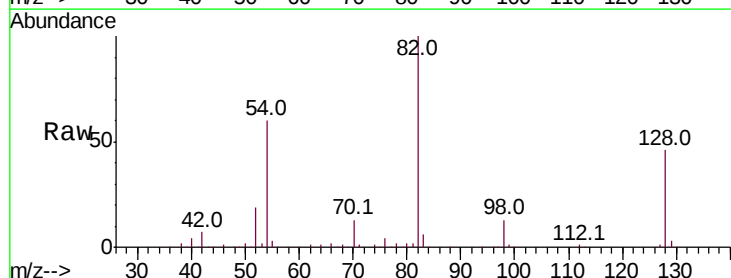
Instrument :
BNA_F
ClientSampleId :
EOD-PROJECT-EAST

Tot Ion:	136	Resp:	363882
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.2	9.1	13.7
68	5.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 62.869 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120236.D
Acq: 30 Apr 2020 13:29

Tgt Ion:	82	Resp:	442205
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	59.8	50.6	75.8





#25

Isophorone

Concen: 32.613 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF120236.D

Acq: 30 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EAST

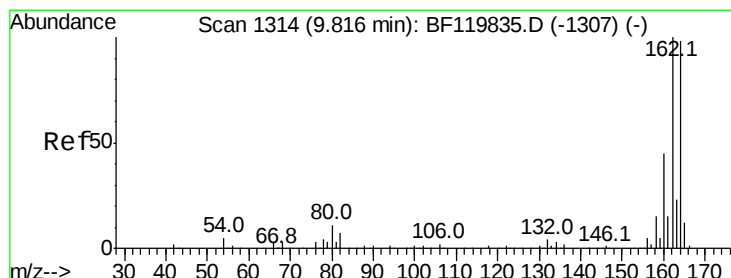
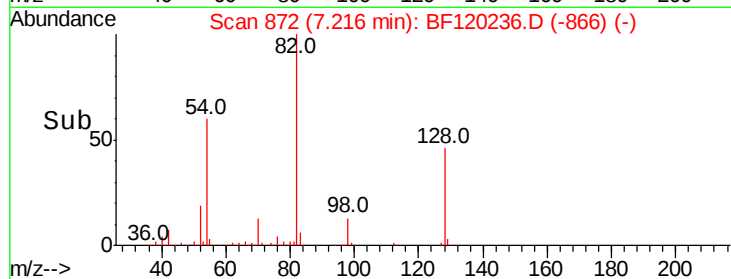
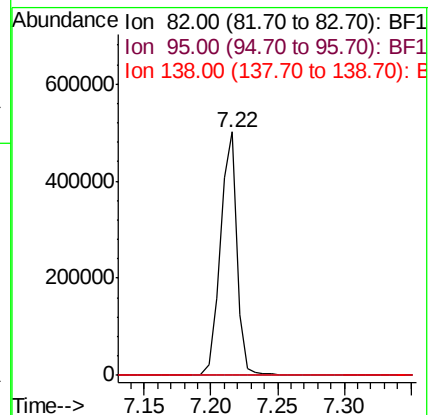
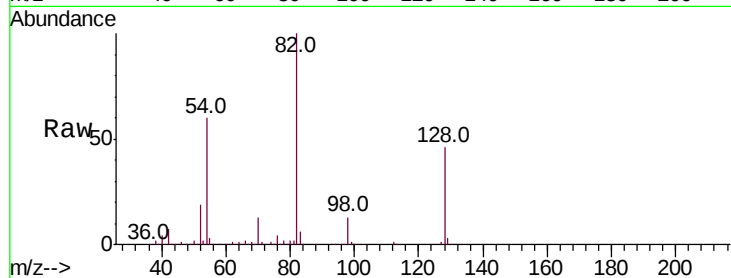
Tot Ion: 82 Resp: 442198

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120236.D

Acq: 30 Apr 2020 13:29

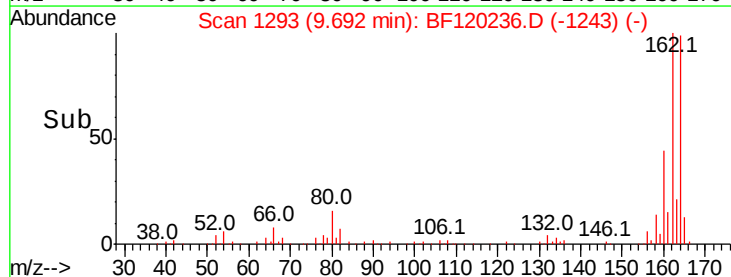
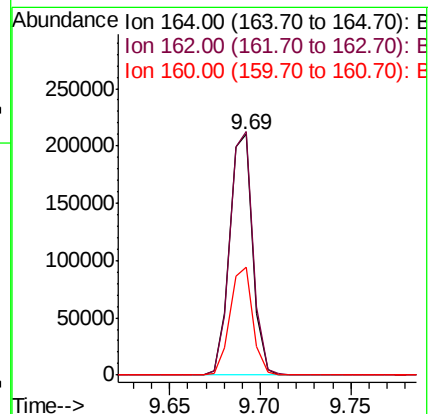
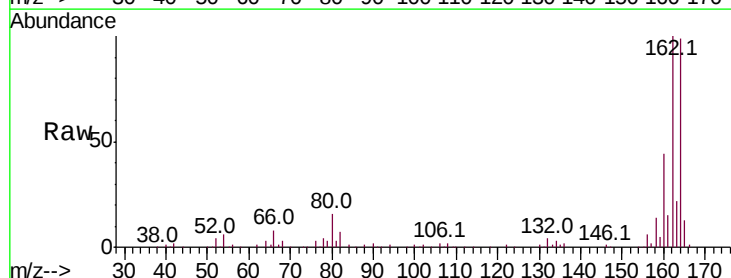
Tgt Ion: 164 Resp: 186359

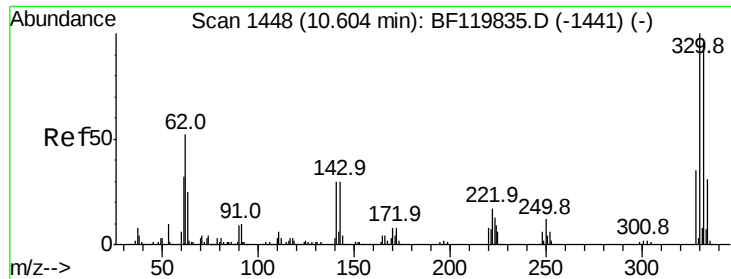
Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

160 44.8 35.7 53.5

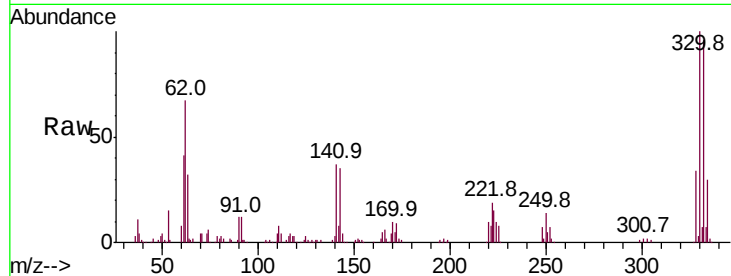




#42
 2,4,6-Tribromophenol
 Concen: 83.120 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120236.D
 Acq: 30 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EAST

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.7	113.5
141	35.0	25.4	38.0

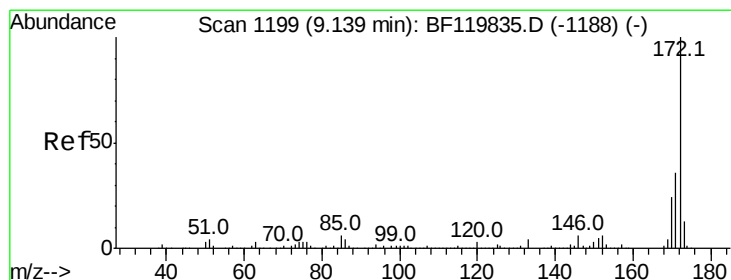
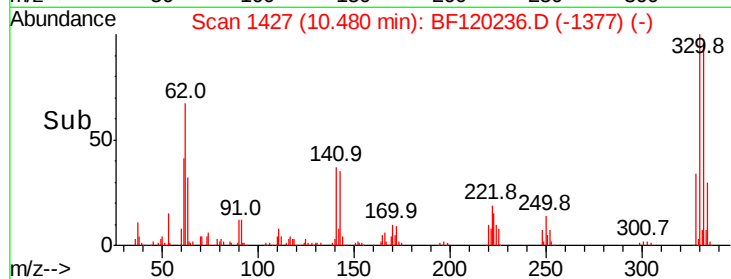
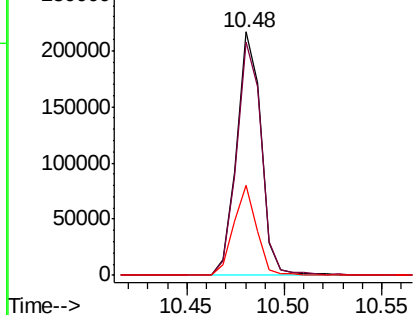


Abundance

Ion 329.80 (329.50 to 330.50): E

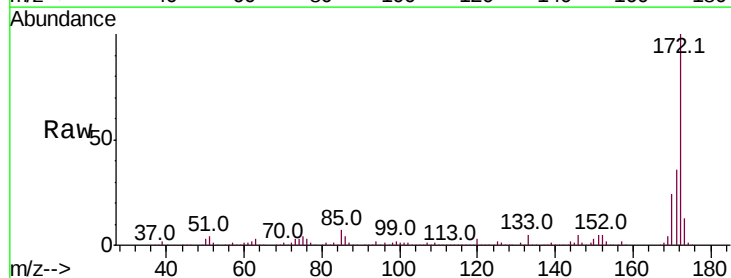
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.229 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120236.D
 Acq: 30 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	20.2	30.2

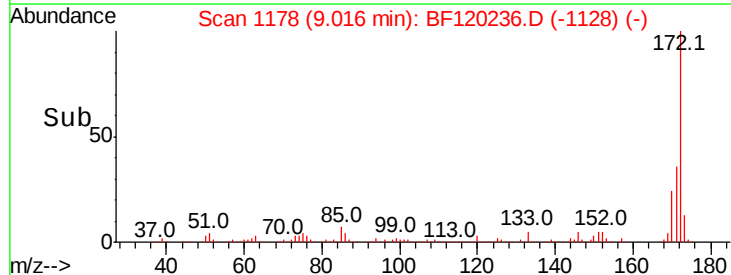
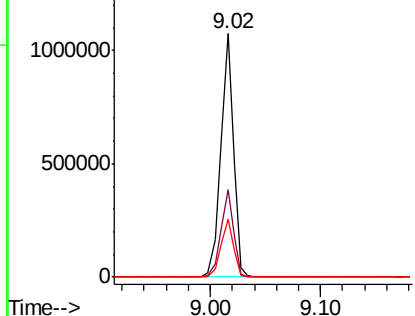


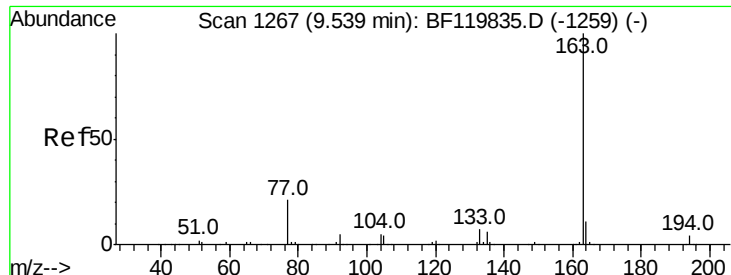
Abundance

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: 8.241 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF120236.D

Acq: 30 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EAST

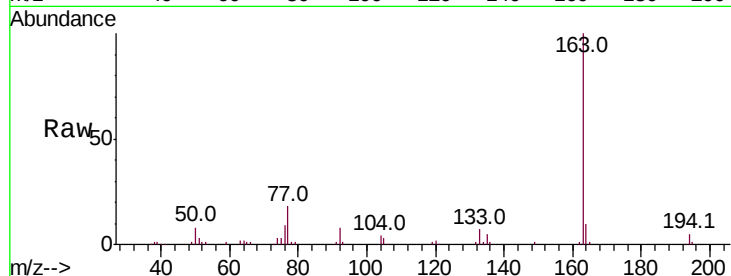
Tot Ion:163 Resp: 118792

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

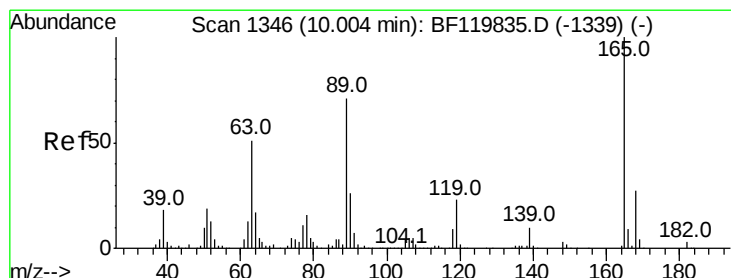
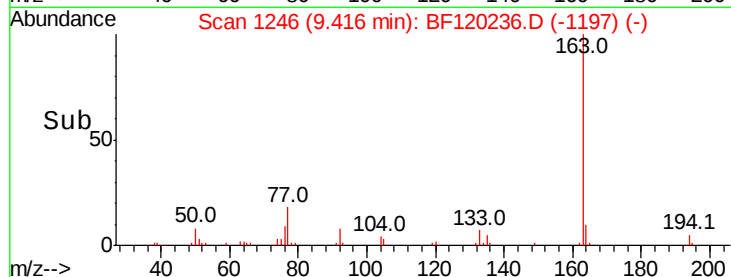
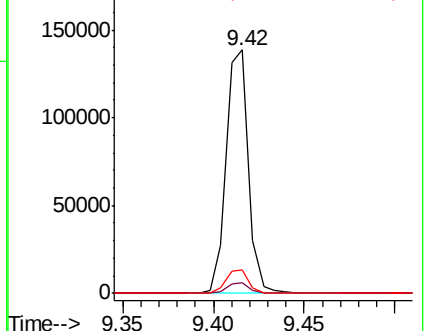
164 9.8 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.655 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.21 min

Lab File: BF120236.D

Acq: 30 Apr 2020 13:29

Tgt Ion:165 Resp: 23518

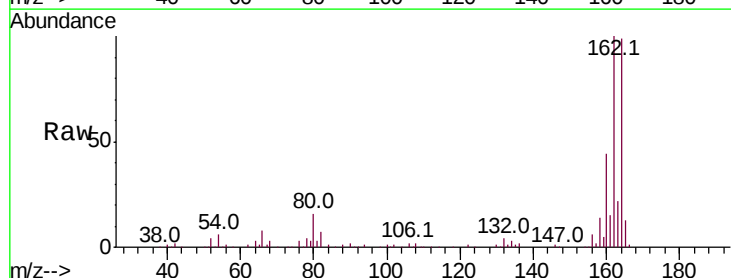
Ion Ratio Lower Upper

165 100

63 0.0 42.6 64.0#

89 0.0 61.0 91.4#

182 0.0 2.2 3.2#

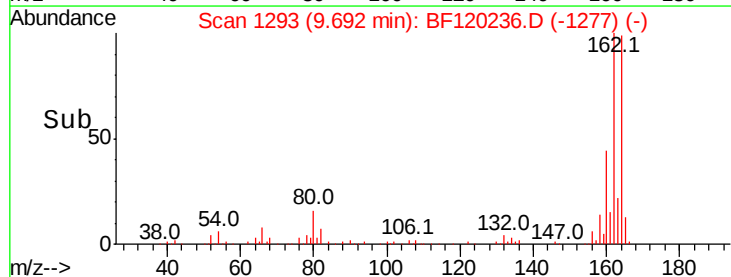
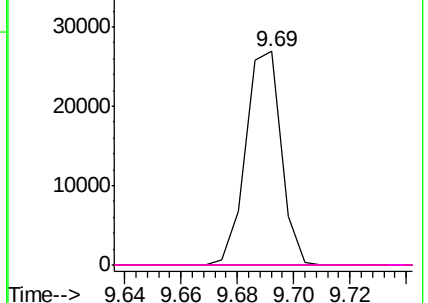


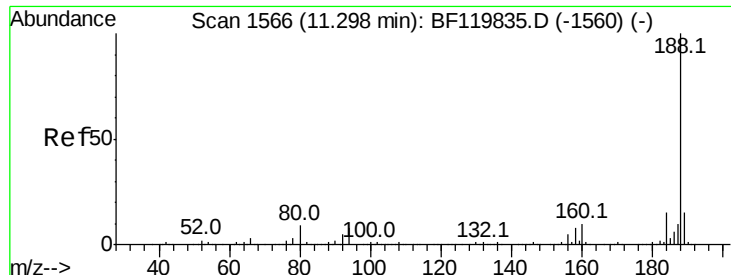
Abundance Ion 165.00 (164.70 to 165.70): E

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

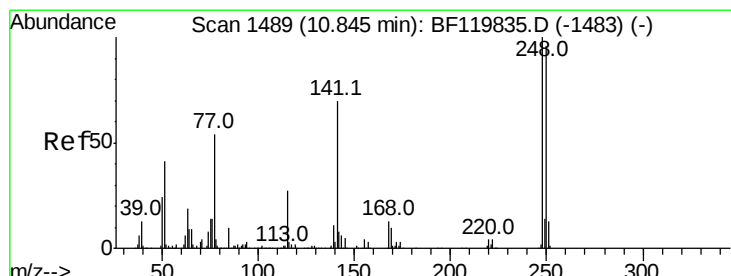
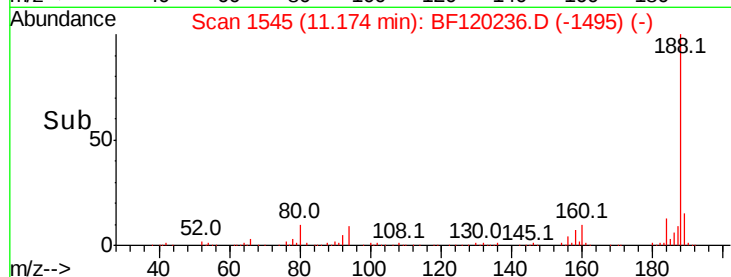
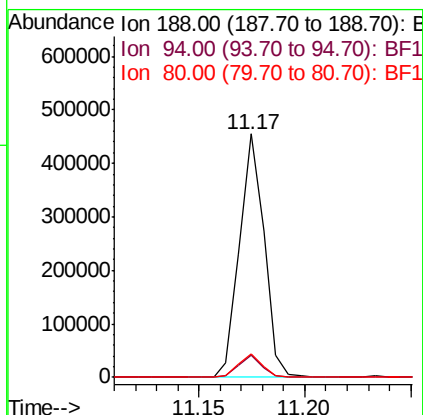
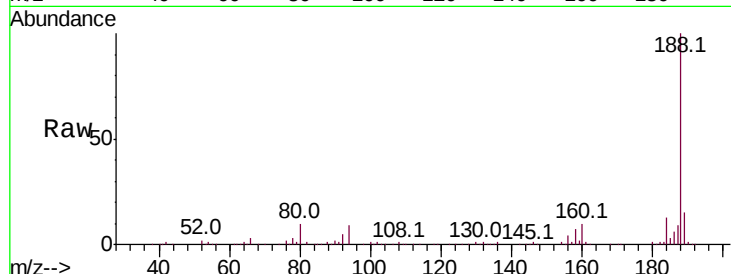




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120236.D
 Acq: 30 Apr 2020 13:29

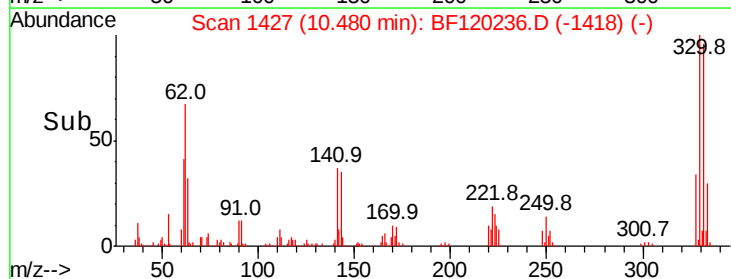
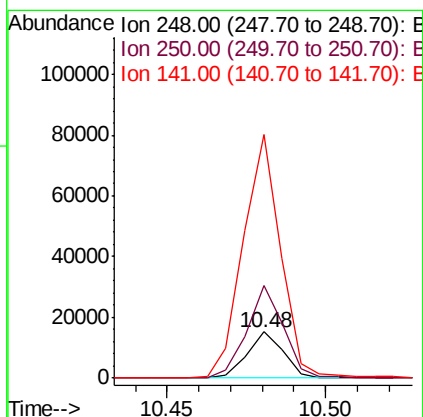
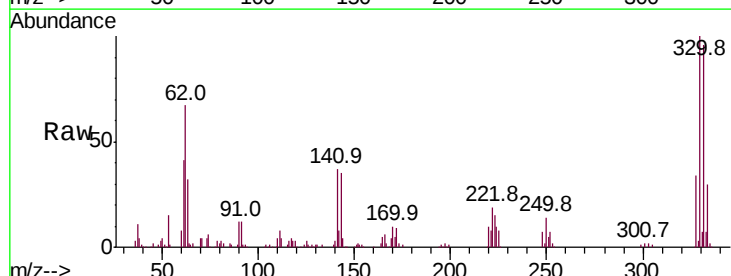
Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EAST

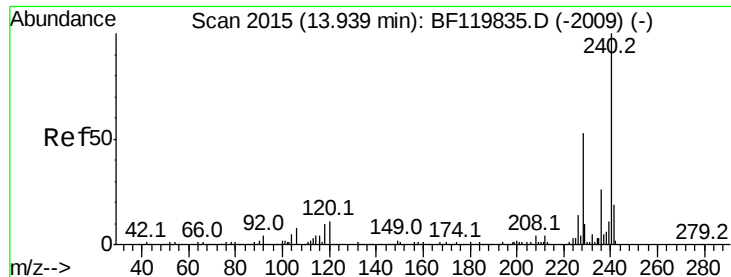
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	9.5	9.0	13.4



#67
 4-Bromophenyl-phenylether
 Concen: 2.619 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120236.D
 Acq: 30 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.2	77.3	115.9#
141	526.3	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: BF120236.D

Acq: 30 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

EOD-PROJECT-EAST

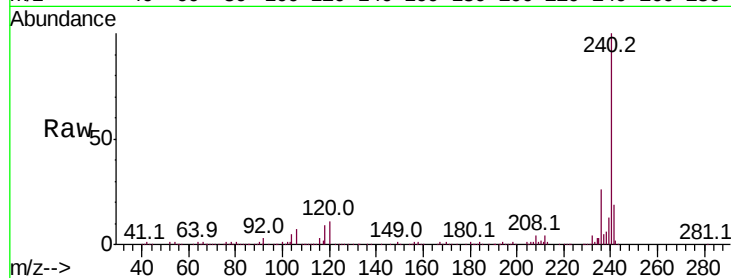
Tot Ion:240 Resp: 317721

Ion Ratio Lower Upper

240 100

120 10.6 10.6 15.8

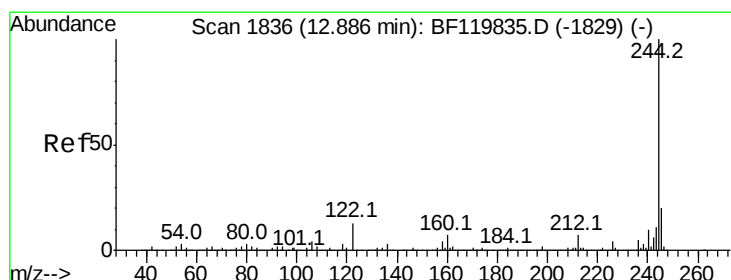
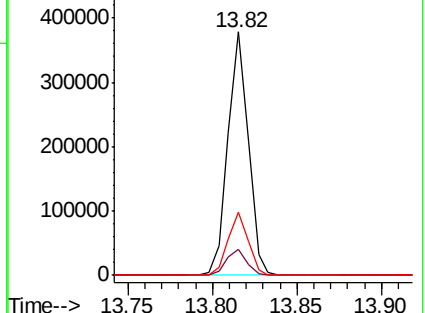
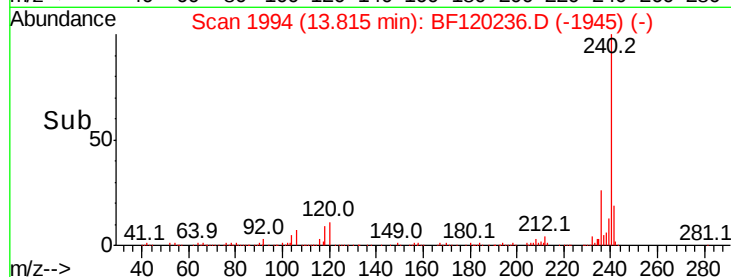
236 26.1 20.2 30.2



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: 56.539 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120236.D

Acq: 30 Apr 2020 13:29

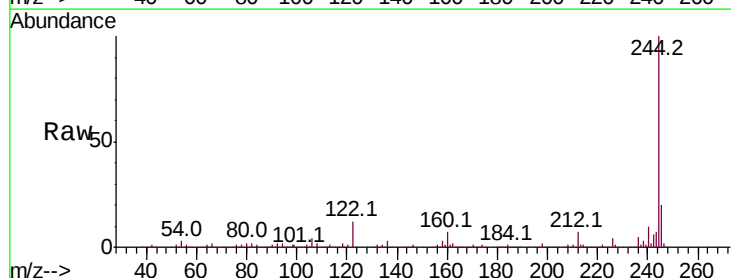
Tgt Ion:244 Resp: 1067573

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

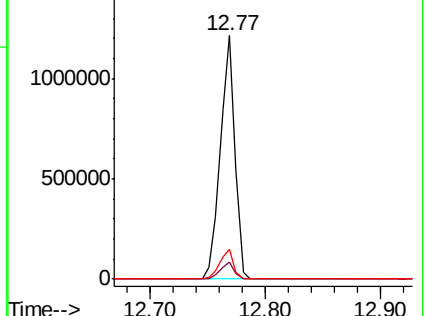
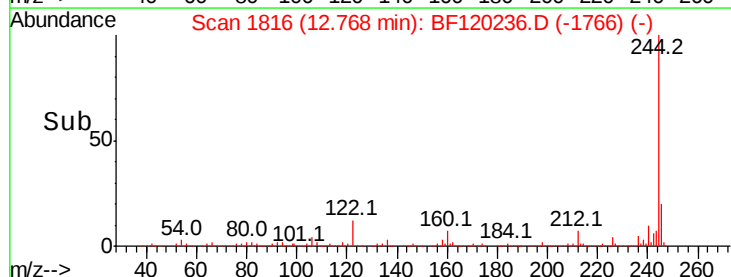
122 12.2 10.3 15.5

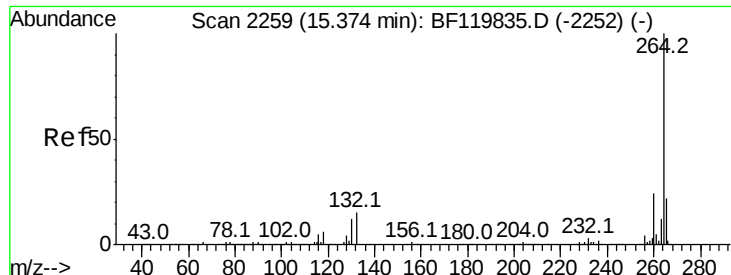


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

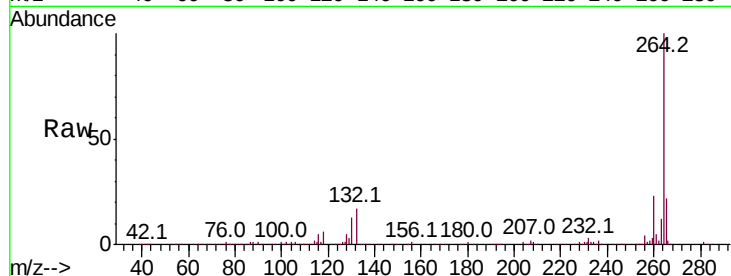




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120236.D
 Acq: 30 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 EOD-PROJECT-EAST

Tot Ion:264 Resp: 315149
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.5 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

