

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050120\
 Data File : BF120262.D
 Acq On : 1 May 2020 17:03
 Operator : MA/SJ
 Sample : L2463-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-FORM-U-SUPPLEMENTAL

Quant Time: May 01 17:33:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

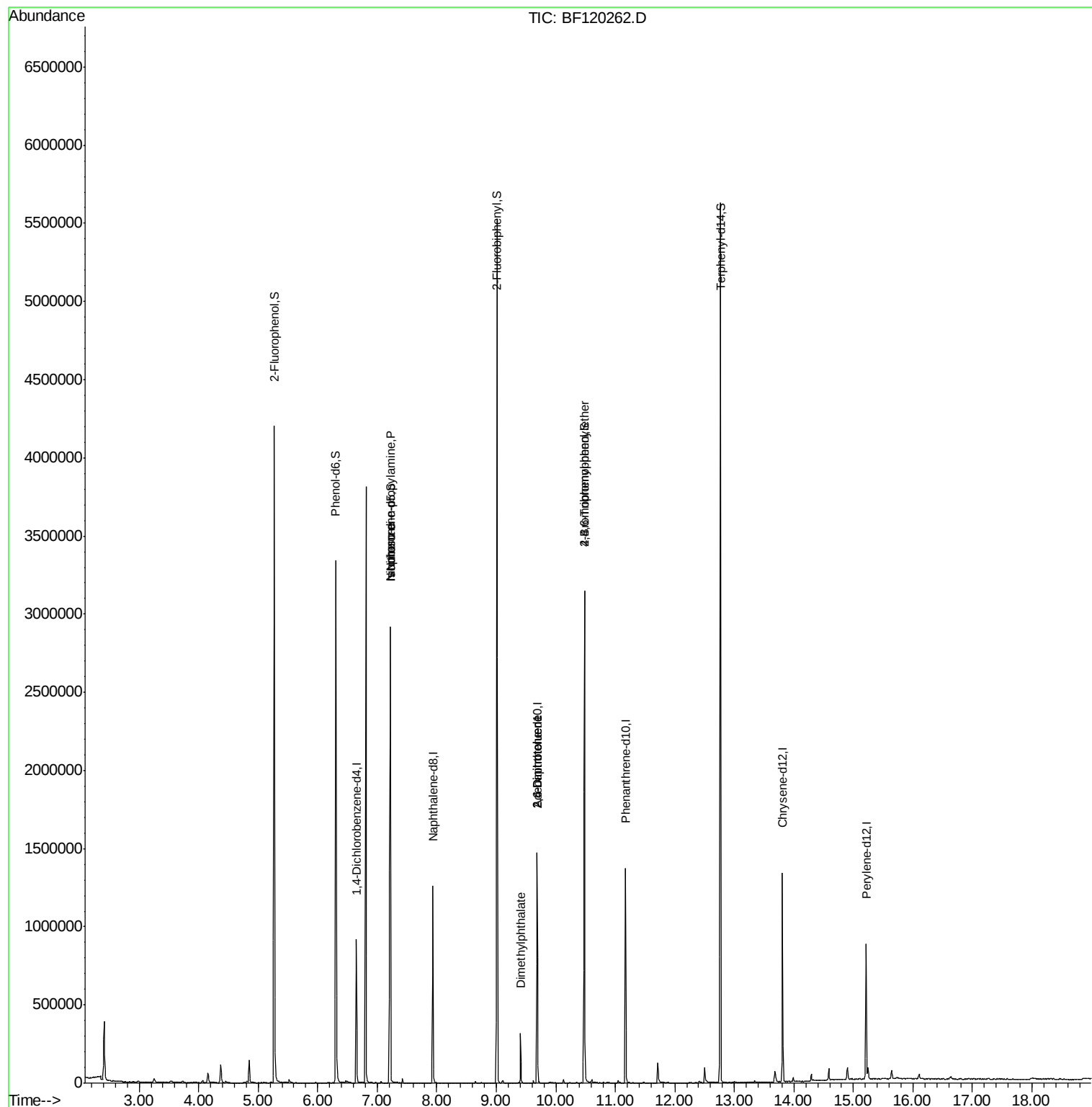
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	131815	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	504916	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	264981	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	528352	20.00	ng	0.00
76) Chrysene-d12	13.81	240	448621	20.00	ng	-0.02
87) Perylene-d12	15.22	264	378381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1079709	141.56	ng	0.00
7) Phenol-d6	6.30	99	1228088	124.96	ng	-0.01
23) Nitrobenzene-d5	7.22	82	921861	94.45	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	385653	118.87	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1680066	90.02	ng	0.00
79) Terphenyl-d14	12.77	244	2194332	82.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	1575	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	118850	18.805 ng	#	77
25) Isophorone	7.22	82	917292	48.755 ng	#	65
50) Dimethylphthalate	9.41	163	108738	5.305 ng	#	99
51) 2,6-Dinitrotoluene	9.69	165	34853	7.765 ng	#	26
57) 2,4-Dinitrotoluene	9.69	165	34853	5.894 ng	#	20
67) 4-Bromophenyl-phenylether	10.48	248	24897	3.789 ng	#	1

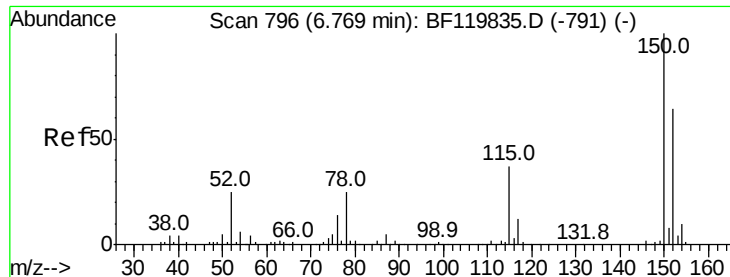
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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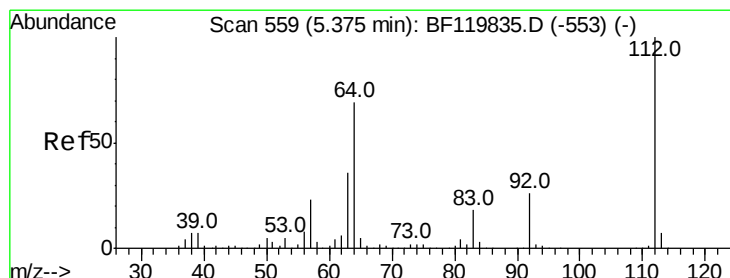
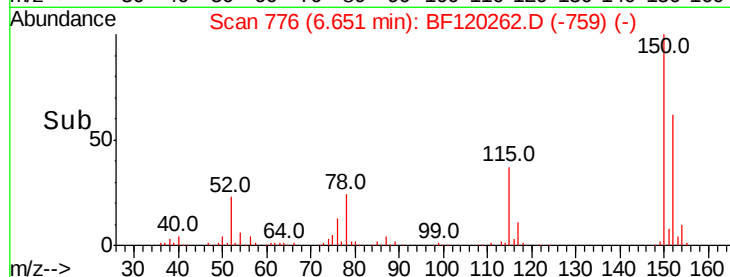
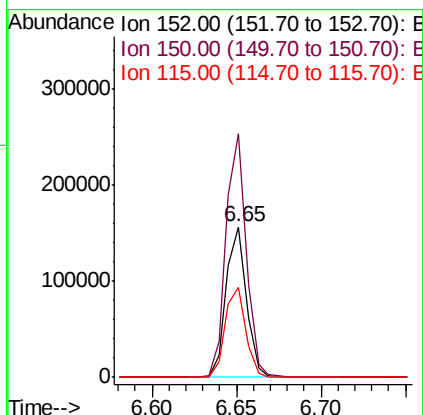
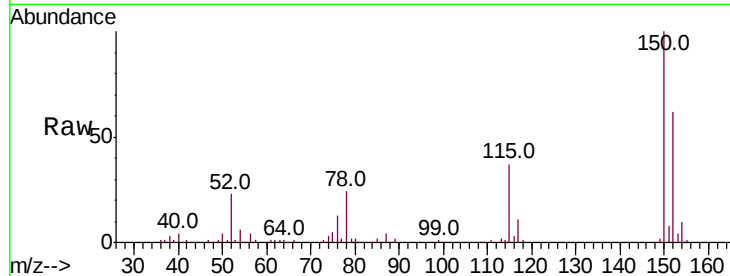


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF120262.D
 Acq: 1 May 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-FORM-U-SUPPLEMENTAL

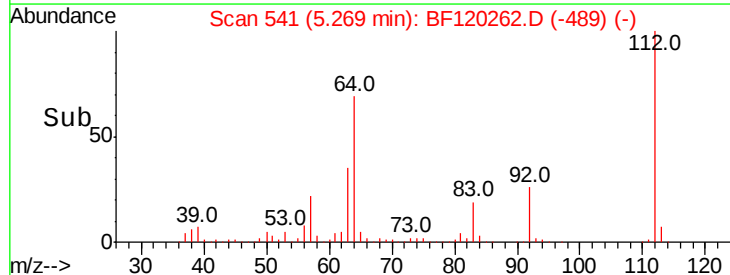
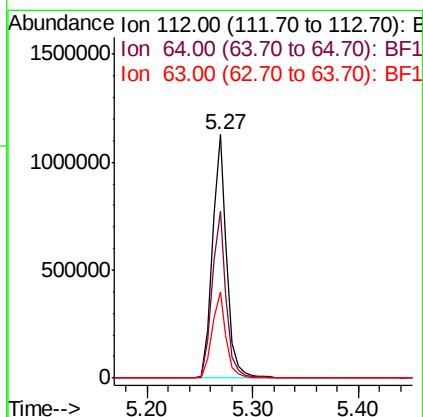
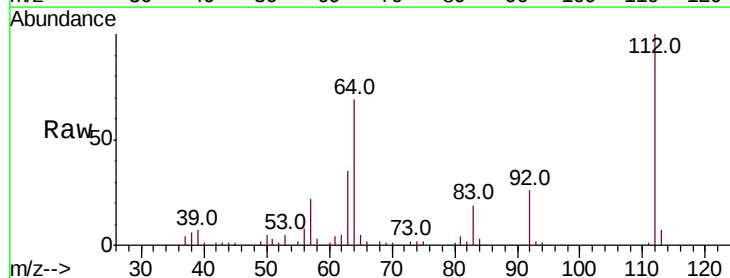
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.5	186.7
115	60.1	49.6	74.4

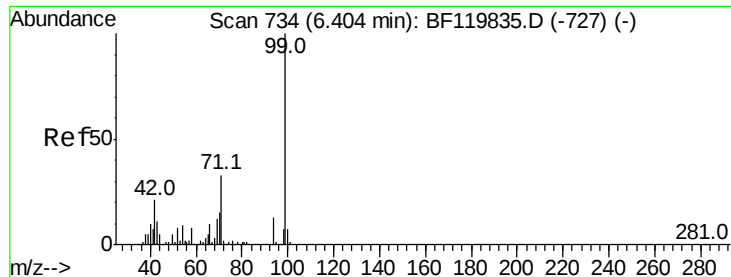


#5

2-Fluorophenol
 Concen: 141.557 ng
 RT: 5.27 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF120262.D
 Acq: 1 May 2020 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.7	85.1
63	35.5	29.5	44.3





#7

Phenol-d6

Concen: 124.955 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120262.D

Acq: 1 May 2020 17:03

Instrument :

BNA_F

ClientSampleId :

AOC3-FORM-U-SUPPLEMENTAL

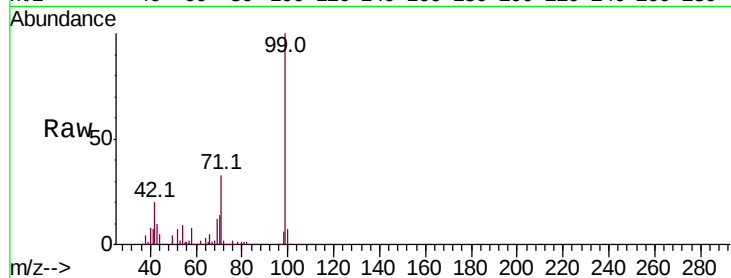
Tot Ion: 99 Resp: 1228088

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

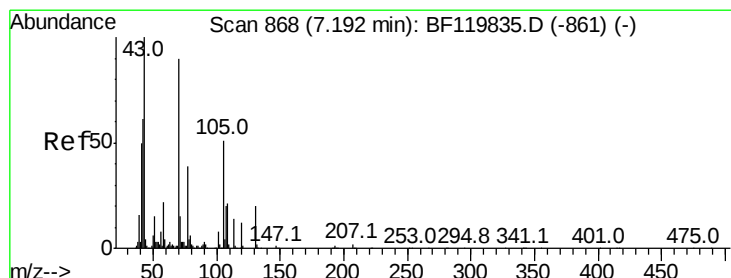
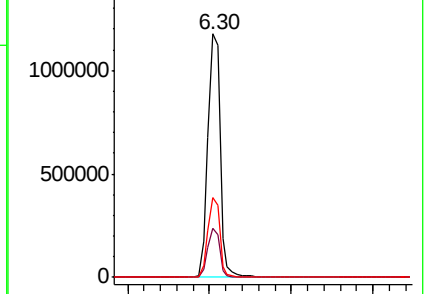
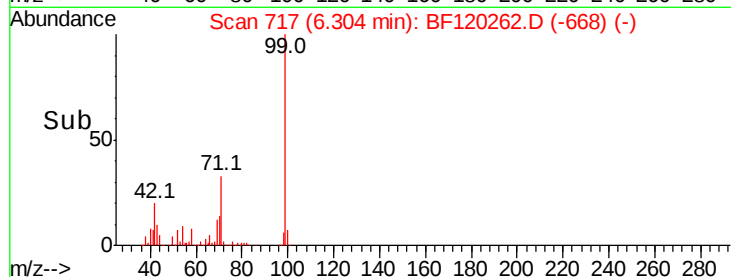
71 32.8 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.805 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.14 min

Lab File: BF120262.D

Acq: 1 May 2020 17:03

Tgt Ion: 70 Resp: 118850

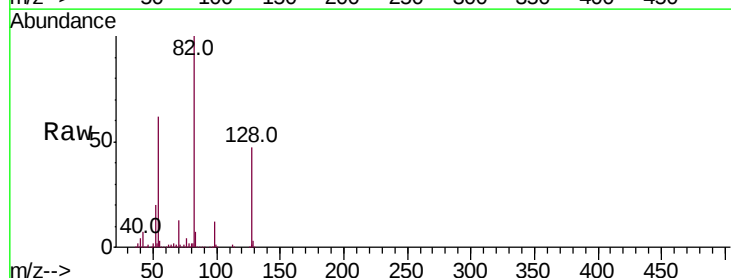
Ion Ratio Lower Upper

70 100

42 54.0 54.5 81.7#

101 0.0 7.6 11.4#

130 2.6 17.6 26.4#

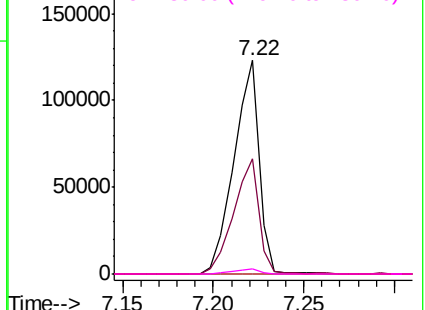
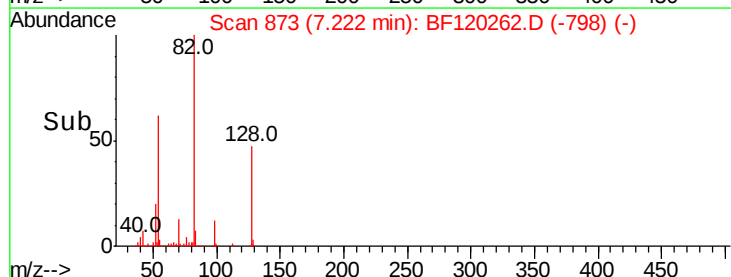


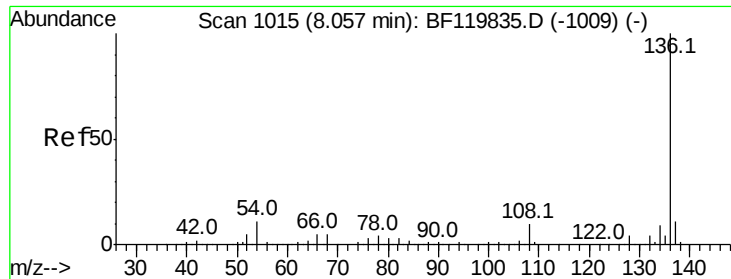
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

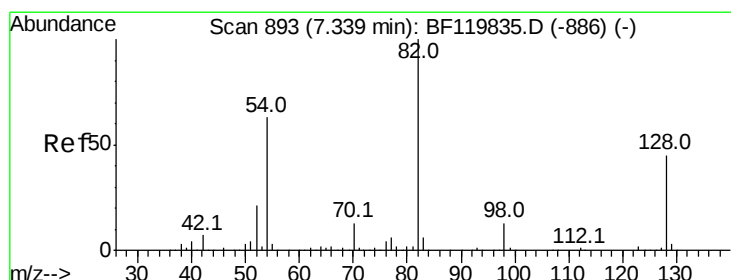
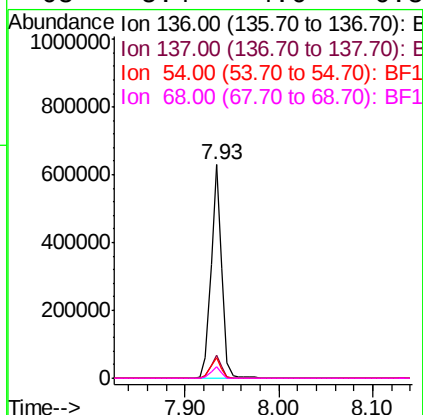
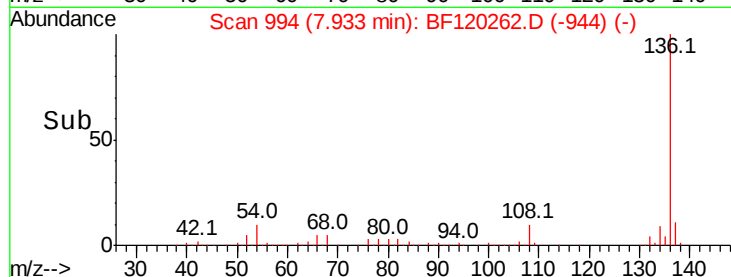
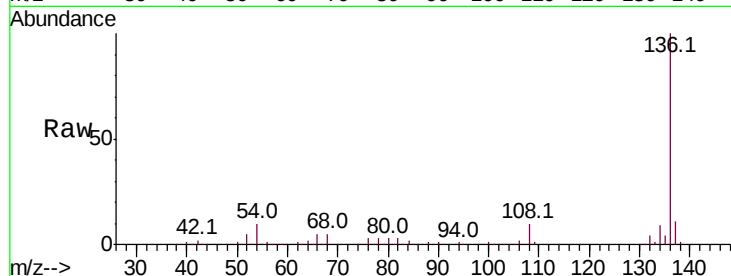




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120262.D
Acq: 1 May 2020 17:03

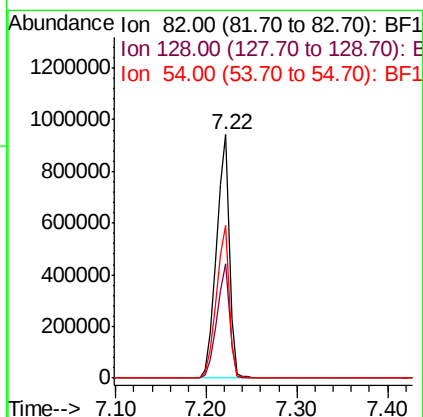
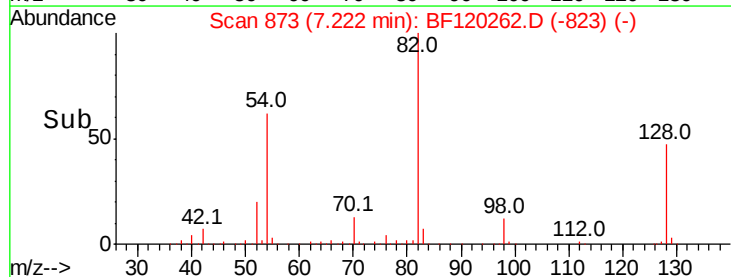
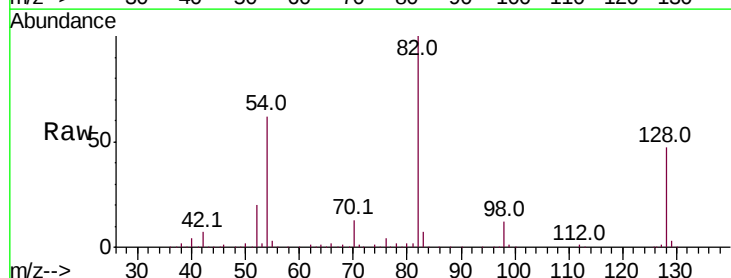
Instrument :
BNA_F
ClientSampleId :
AOC3-FORM-U-SUPPLEMENTAL

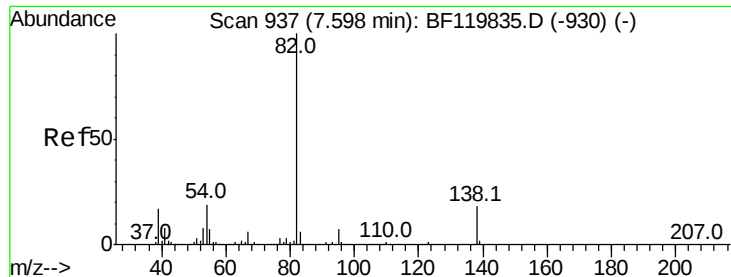
Tot Ion:	136	Resp:	504916
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.8	9.1	13.7
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 94.454 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120262.D
Acq: 1 May 2020 17:03

Tgt Ion:	82	Resp:	921861
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	62.5	50.6	75.8





#25

Isophorone

Concen: 48.755 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.26 min

Lab File: BF120262.D

Acq: 1 May 2020 17:03

Instrument :

BNA_F

ClientSampleId :

AOC3-FORM-U-SUPPLEMENTAL

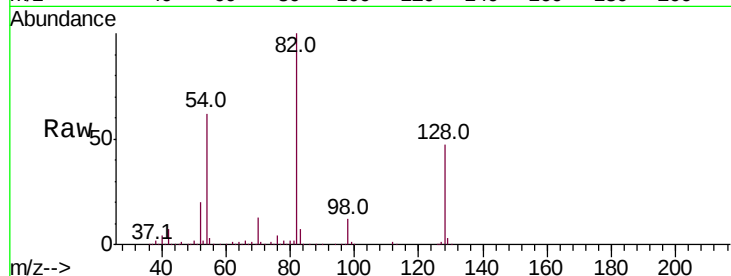
Tot Ion: 82 Resp: 917292

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

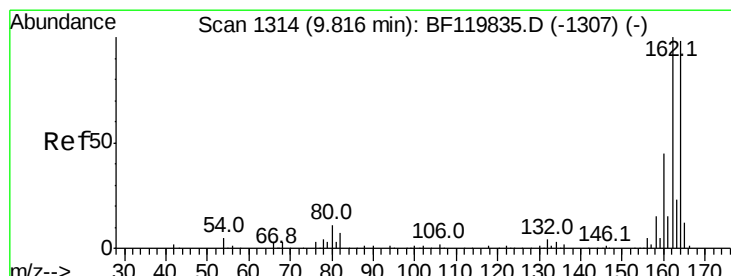
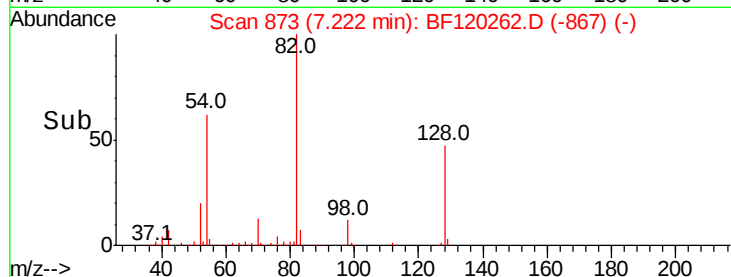
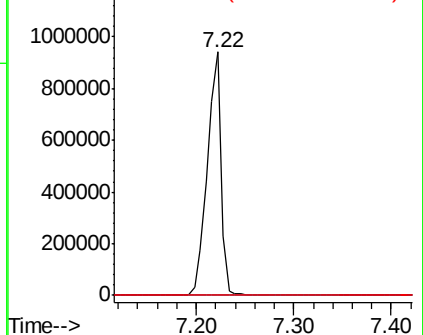
138 0.0 14.6 21.8#



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# 1292

Delta R.T. -0.01 min

Lab File: BF120262.D

Acq: 1 May 2020 17:03

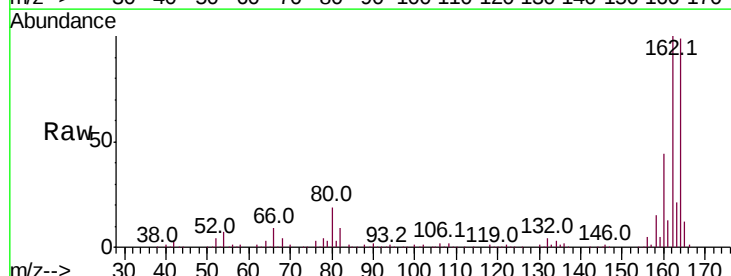
Tgt Ion: 164 Resp: 264981

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

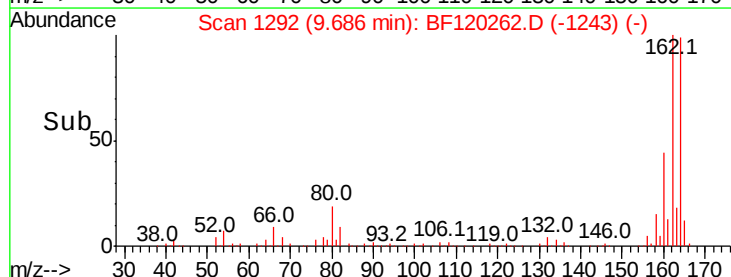
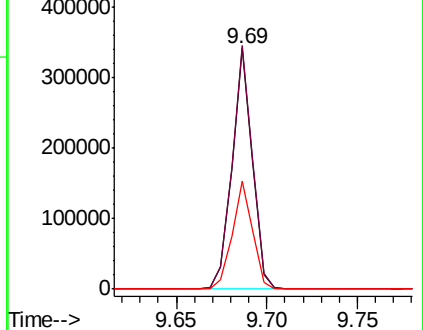
160 44.7 35.7 53.5

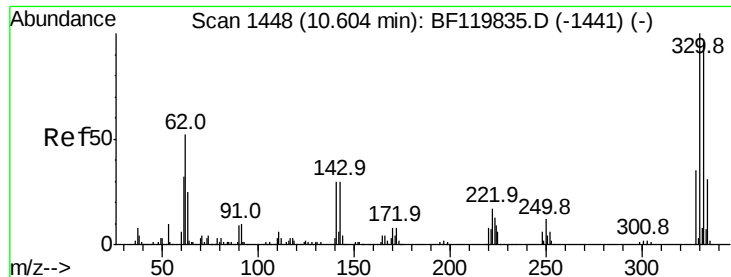


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

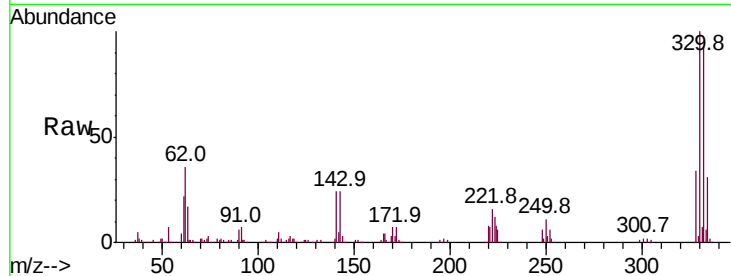




#42
 2,4,6-Tribromophenol
 Concen: 118.872 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120262.D
 Acq: 1 May 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-FORM-U-SUPPLEMENTAL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	34.0	25.4	38.0

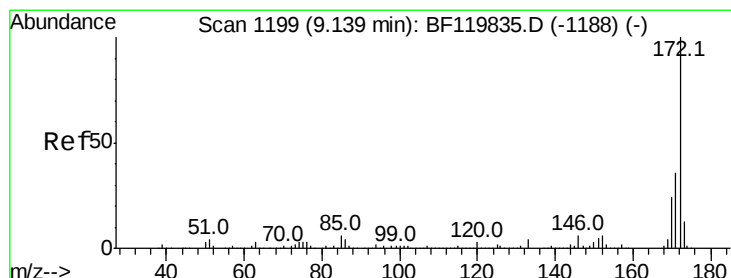
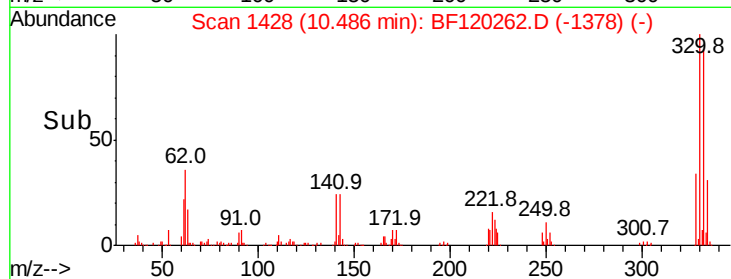
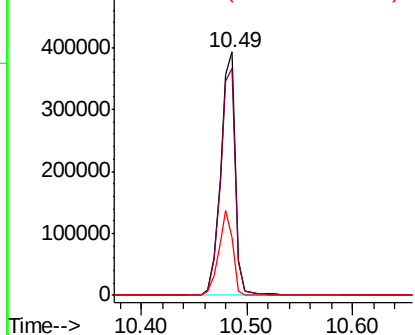


Abundance

Ion 329.80 (329.50 to 330.50): E

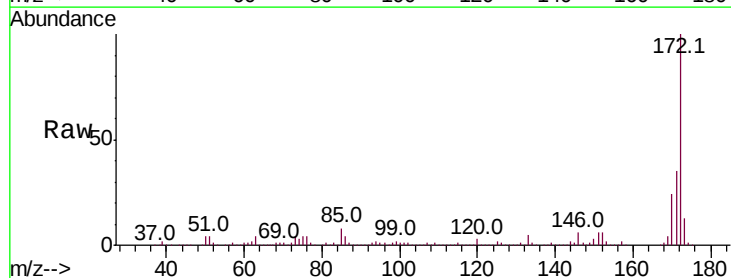
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.019 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120262.D
 Acq: 1 May 2020 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.0	20.2	30.2

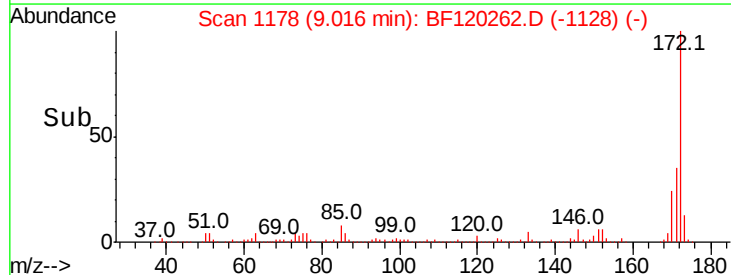
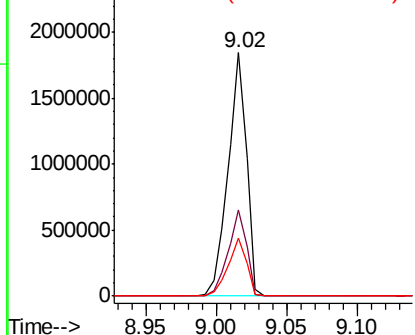


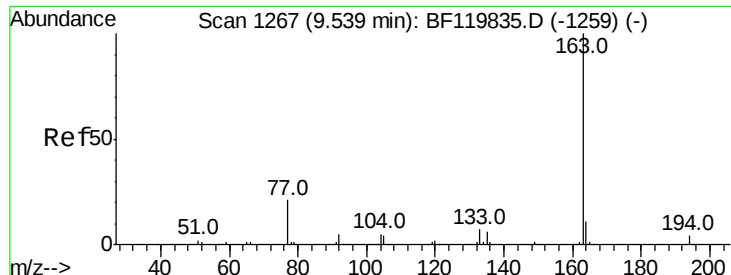
Abundance

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

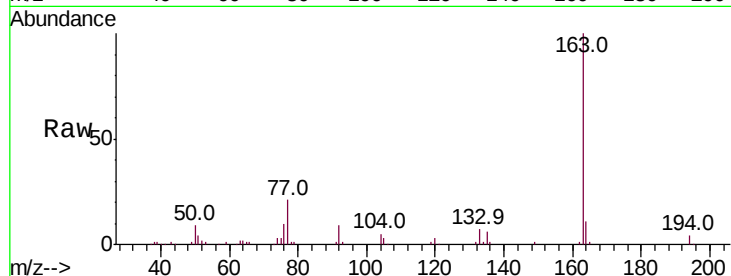




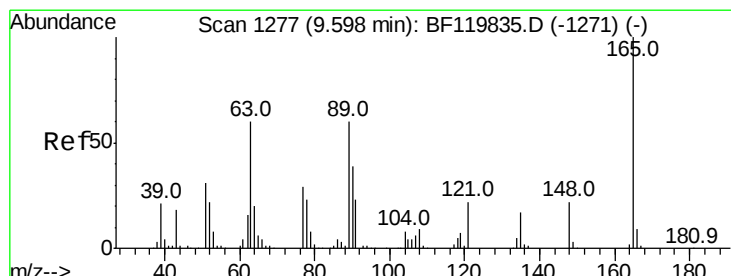
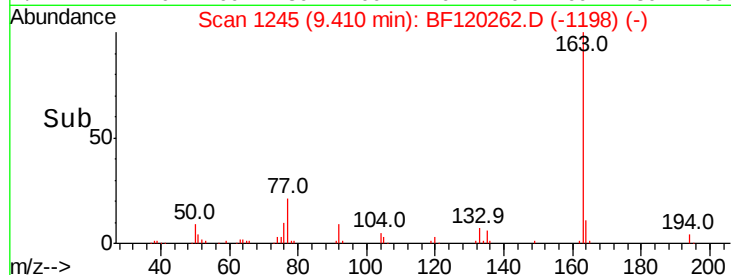
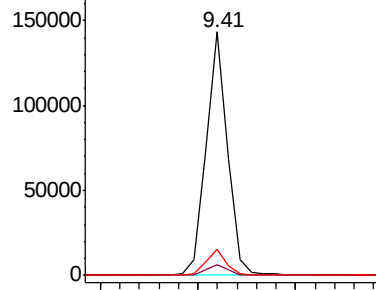
#50
 Dimethylphthalate
 Concen: 5.305 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF120262.D
 Acq: 1 May 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-FORM-U-SUPPLEMENTAL

Tot Ion:163	Resp:	108738
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.1 4.7
164	10.5	8.2 12.2

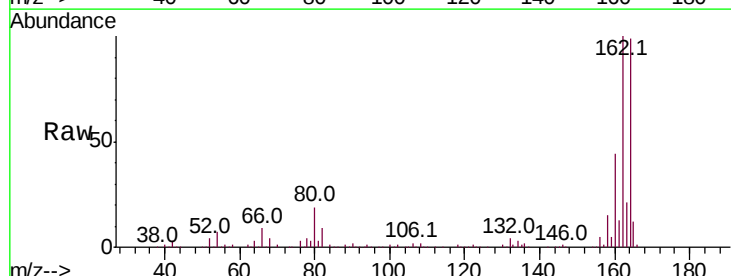


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

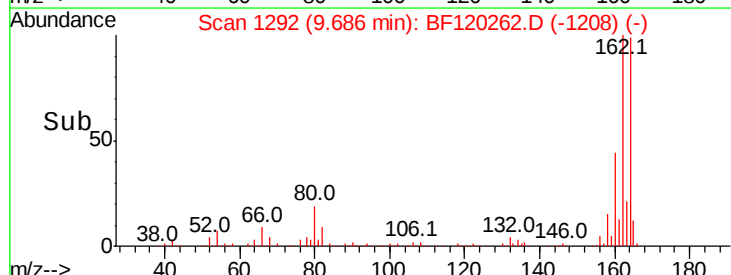
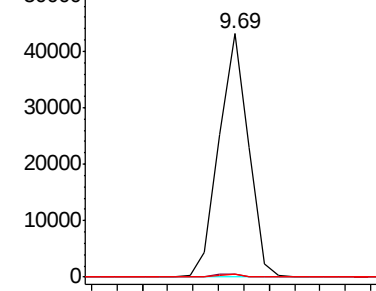


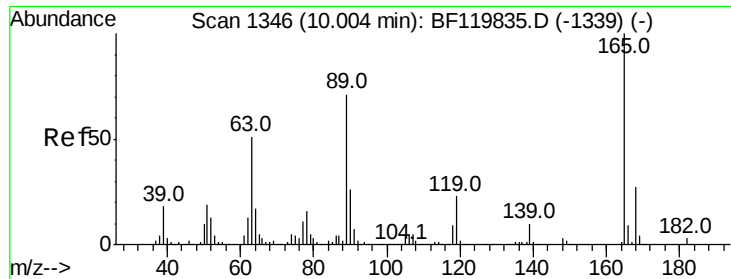
#51
 2,6-Dinitrotoluene
 Concen: 7.765 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.19 min
 Lab File: BF120262.D
 Acq: 1 May 2020 17:03

Tgt Ion:165	Resp:	34853
Ion Ratio	Lower	Upper
165	100	
63	1.2	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

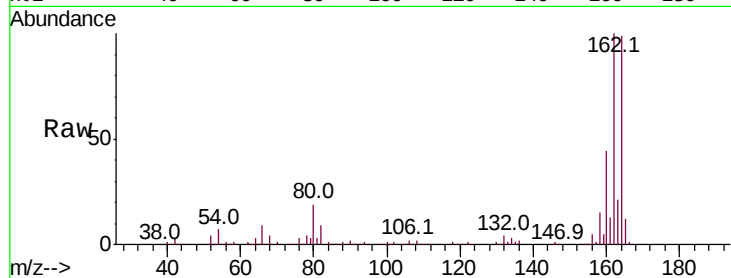




#57
 2,4-Dinitrotoluene
 Concen: 5.894 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.21 min
 Lab File: BF120262.D
 Acq: 1 May 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 AOC3-FORM-U-SUPPLEMENTAL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.4	61.0	91.4#
182	0.0	2.2	3.2#

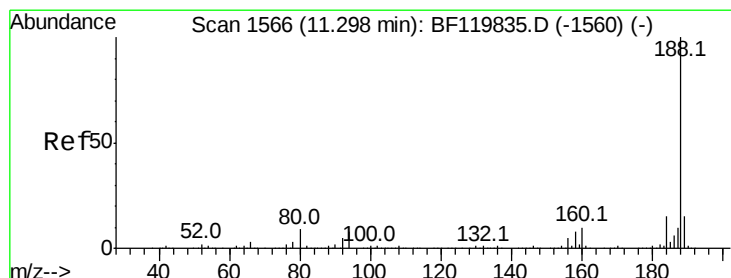
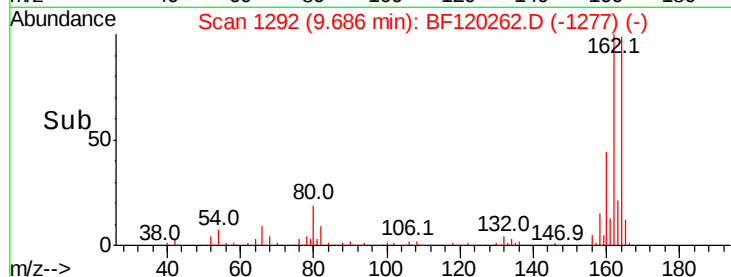
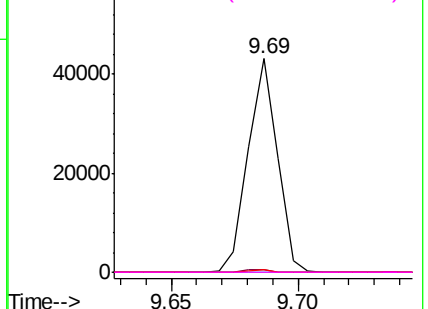


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

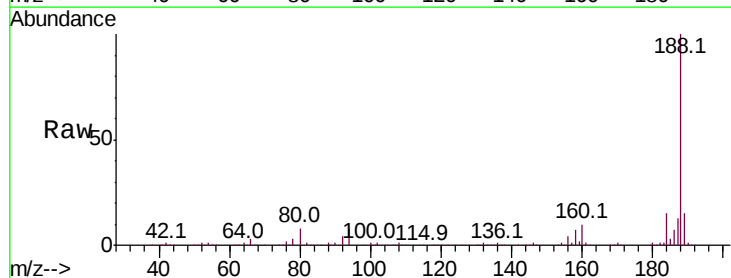
Ion 89.00 (88.70 to 89.70): BF1

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: BF120262.D
 Acq: 1 May 2020 17:03

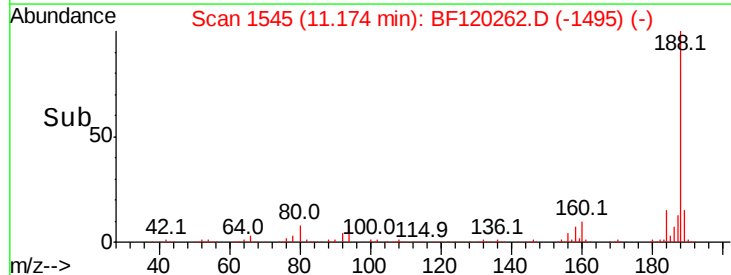
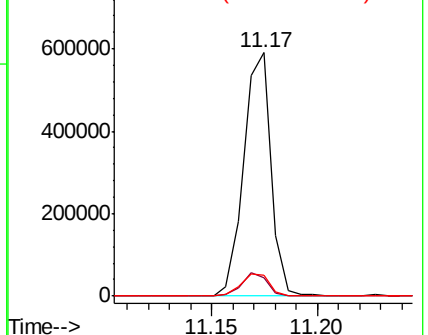
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.5	11.3
80	8.4	9.0	13.4#

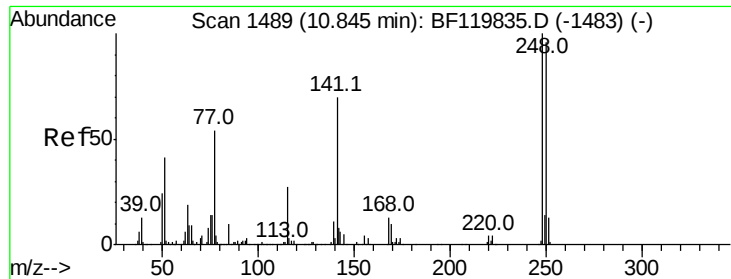


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

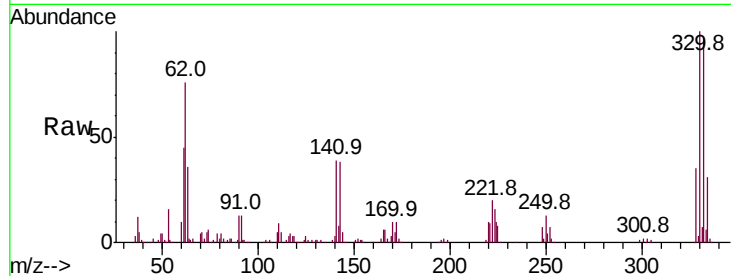




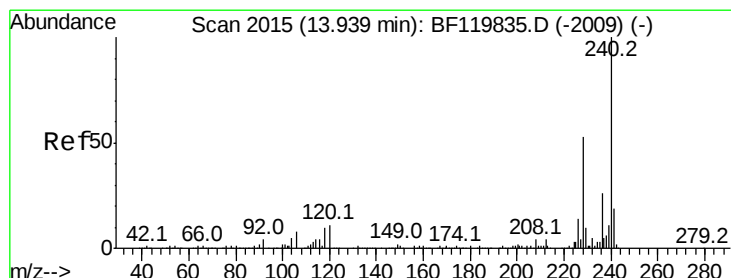
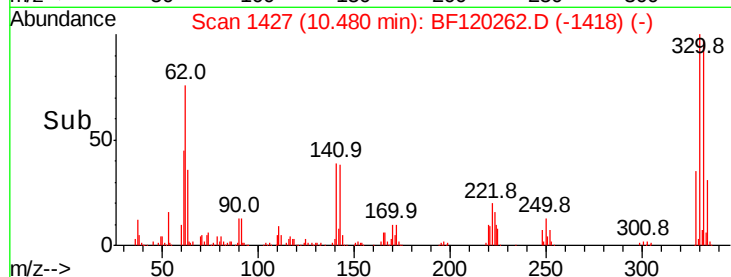
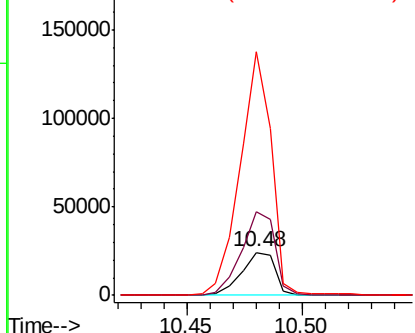
#67
4-Bromophenyl-phenylether
Concen: 3.789 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.25 min
Lab File: BF120262.D
Acq: 1 May 2020 17:03

Instrument :
BNA_F
ClientSampleId :
AOC3-FORM-U-SUPPLEMENTAL

Tot Ion:248 Resp: 24897
Ion Ratio Lower Upper
248 100
250 194.8 77.3 115.9#
141 569.3 58.6 87.8#

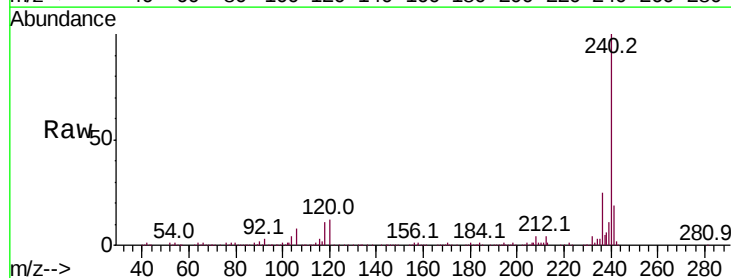


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

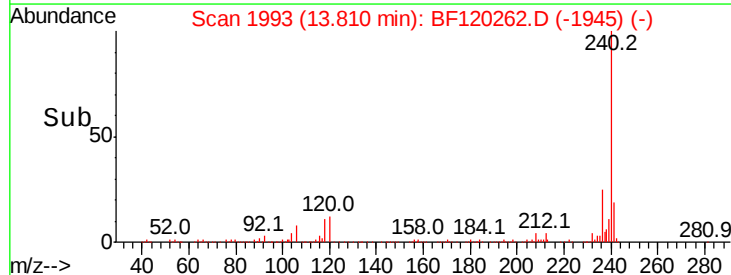
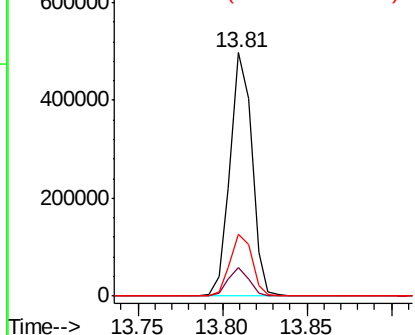


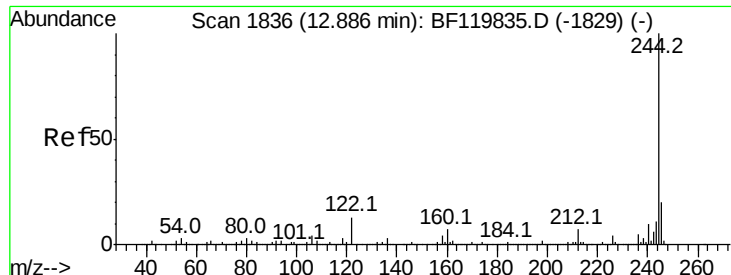
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF120262.D
Acq: 1 May 2020 17:03

Tgt Ion:240 Resp: 448621
Ion Ratio Lower Upper
240 100
120 11.6 10.6 15.8
236 25.2 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: 82.303 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120262.D

Acq: 1 May 2020 17:03

Instrument :

BNA_F

ClientSampleId :

AOC3-FORM-U-SUPPLEMENTAL

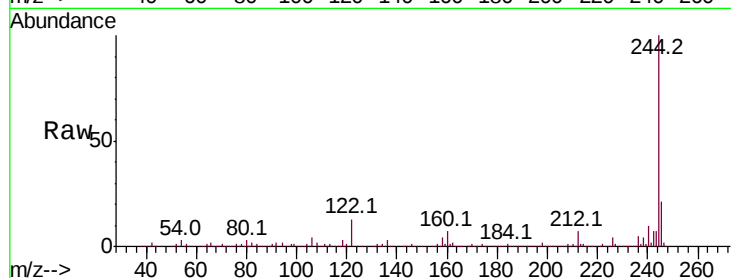
Tot Ion:244 Resp: 2194332

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

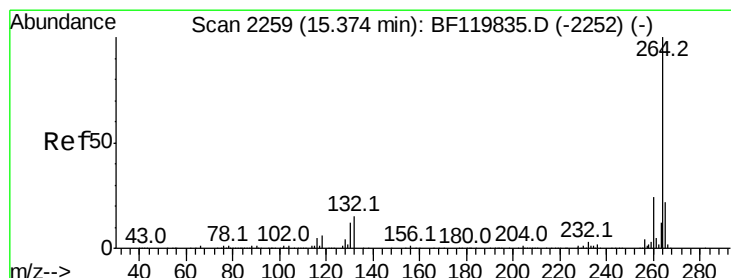
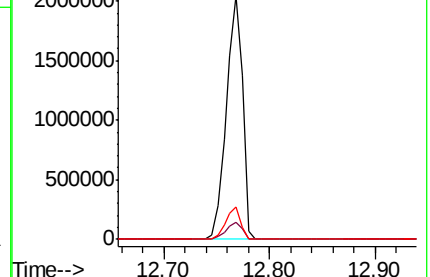
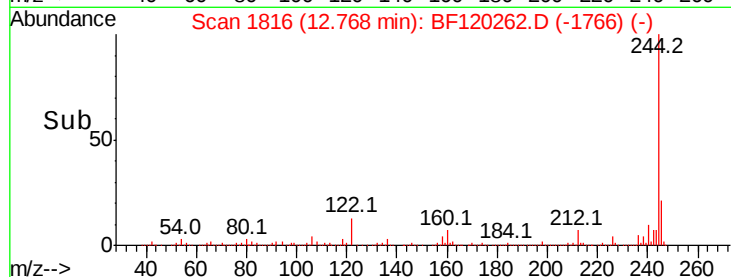
122 13.3 10.3 15.5



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# 2232

Delta R.T. -0.01 min

Lab File: BF120262.D

Acq: 1 May 2020 17:03

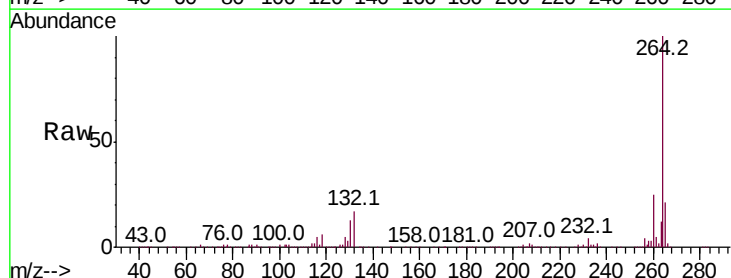
Tgt Ion:264 Resp: 378381

Ion Ratio Lower Upper

264 100

260 24.5 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

