

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050120\
 Data File : BF120261.D
 Acq On : 1 May 2020 16:35
 Operator : MA/SJ
 Sample : L2463-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-AOC14-CAR-WASH

Quant Time: May 01 17:17:21 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

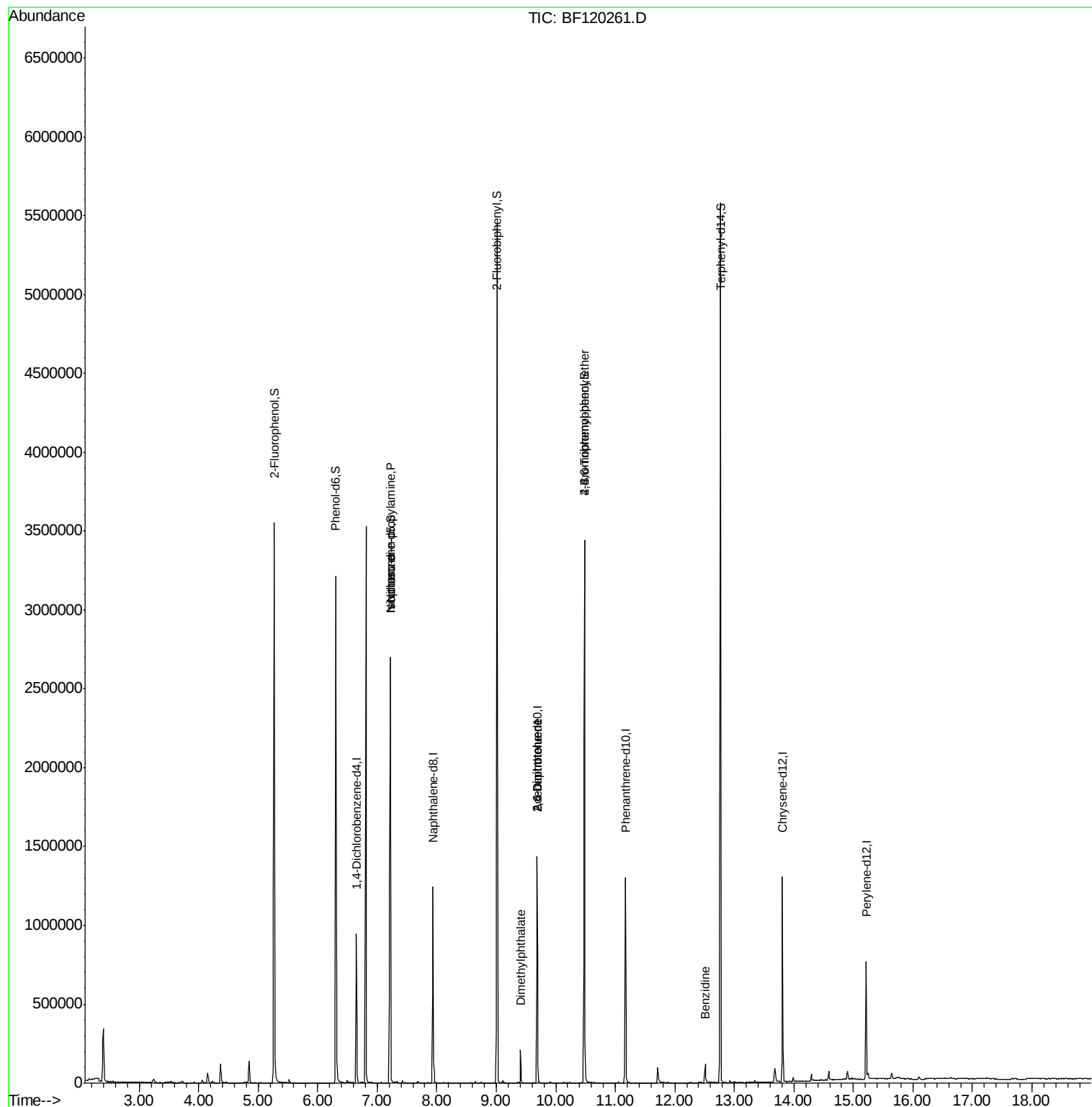
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	130196	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	492818	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	257576	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	515472	20.00	ng	0.00
76) Chrysene-d12	13.81	240	434528	20.00	ng	-0.02
87) Perylene-d12	15.22	264	326556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	944548	125.38	ng	0.00
7) Phenol-d6	6.30	99	1126193	116.01	ng	-0.01
23) Nitrobenzene-d5	7.22	82	880912	92.47	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	409469	129.84	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1698861	93.64	ng	0.00
79) Terphenyl-d14	12.77	244	2138181	82.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	1272	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	115617	18.521 ng	#	1
25) Isophorone	7.22	82	877082	47.762 ng	#	76
50) Dimethylphthalate	9.41	163	71875	3.608 ng	#	65
51) 2,6-Dinitrotoluene	9.69	165	32531	7.456 ng	#	98
57) 2,4-Dinitrotoluene	9.69	165	32531	5.659 ng	#	26
67) 4-Bromophenyl-phenylether	10.48	248	25742	4.016 ng	#	20
77) Benzidine	12.51	184	37209	2.533 ng	#	1
						99

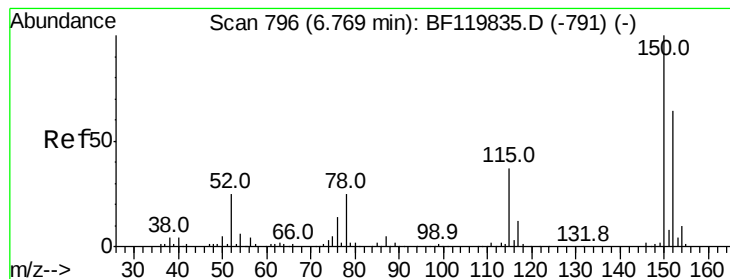
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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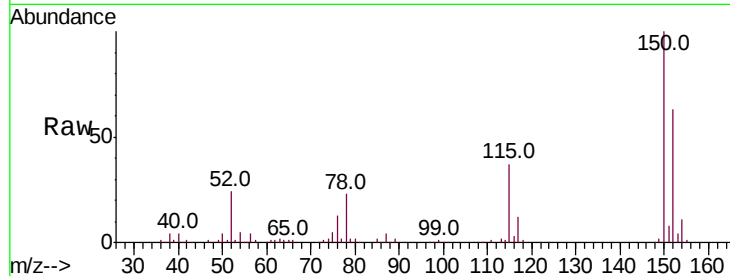


#1

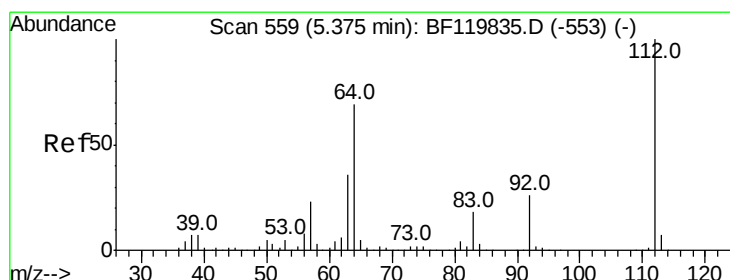
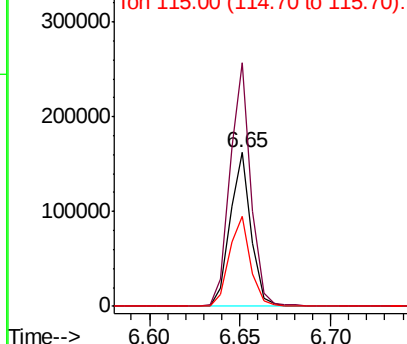
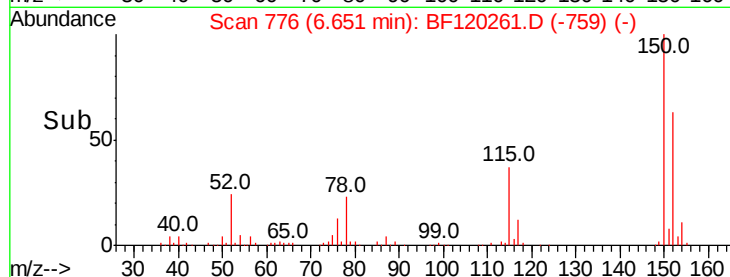
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120261.D
Acq: 1 May 2020 16:35

Instrument :
BNA_F
ClientSampleId :
NORTH-AOC14-CAR-WASH

Tot Ion:152 Resp: 130196
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 58.6 49.6 74.4



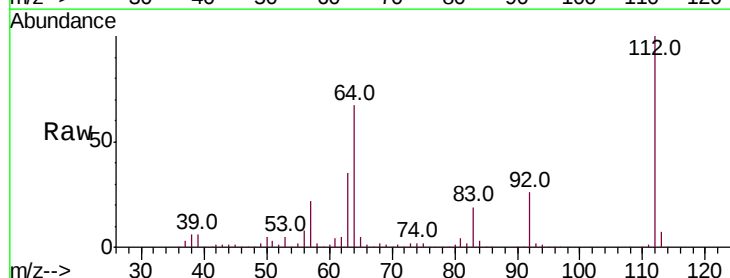
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



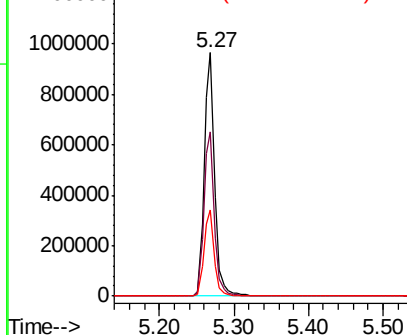
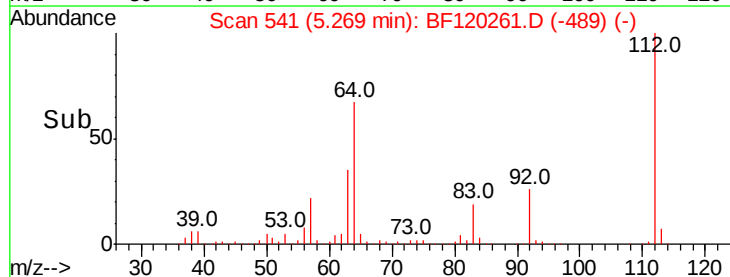
#5

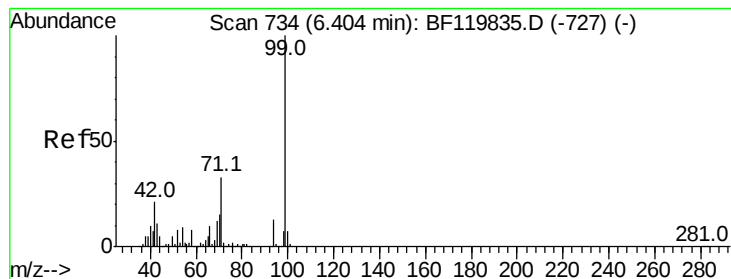
2-Fluorophenol
Concen: 125.377 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120261.D
Acq: 1 May 2020 16:35

Tgt Ion:112 Resp: 944548
Ion Ratio Lower Upper
112 100
64 67.5 56.7 85.1
63 35.2 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: 116.012 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120261.D

Acq: 1 May 2020 16:35

Instrument :

BNA_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

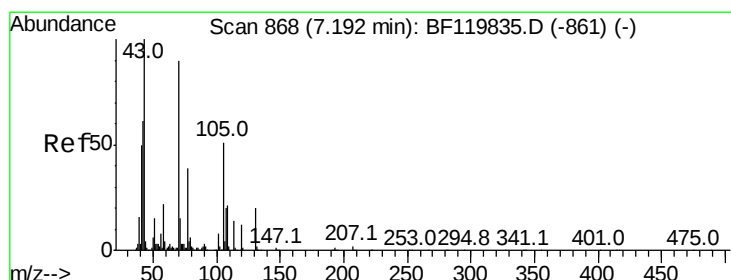
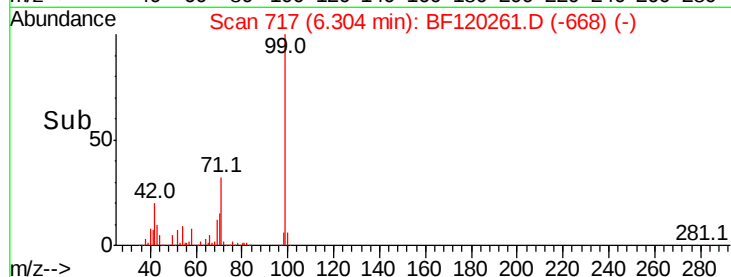
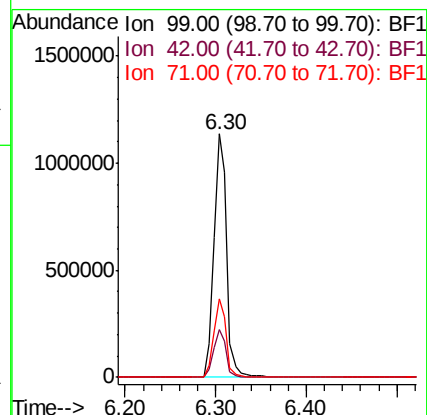
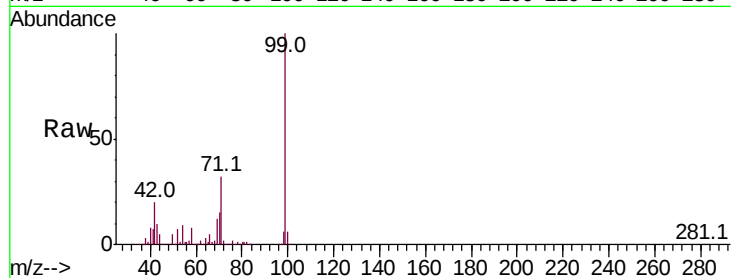
Tot Ion: 99 Resp: 1126193

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

71 32.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.521 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.14 min

Lab File: BF120261.D

Acq: 1 May 2020 16:35

Tgt Ion: 70 Resp: 115617

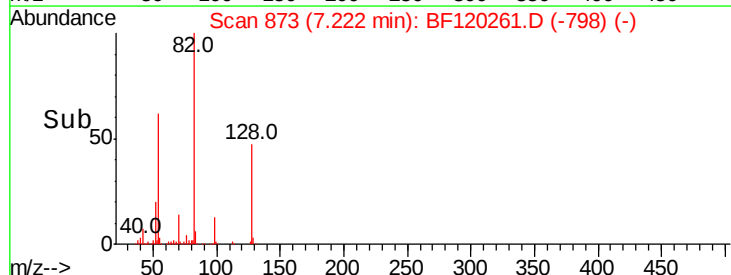
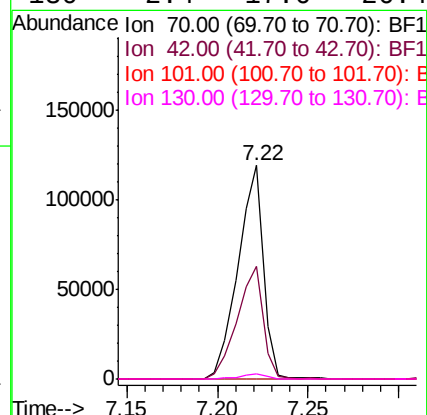
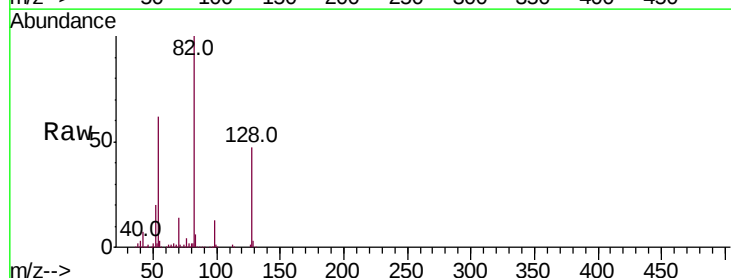
Ion Ratio Lower Upper

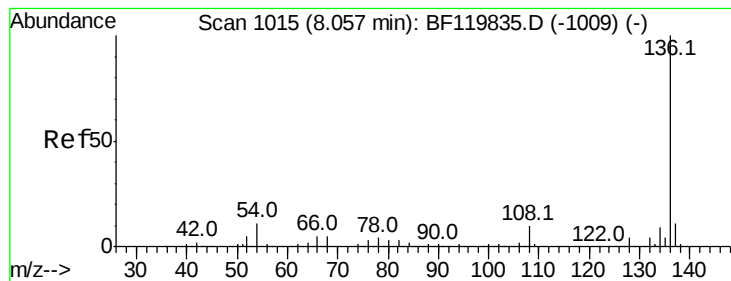
70 100

42 53.0 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 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: BF120261.D

Acq: 1 May 2020 16:35

Instrument :

BNA_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

Tot Ion:136 Resp: 492818

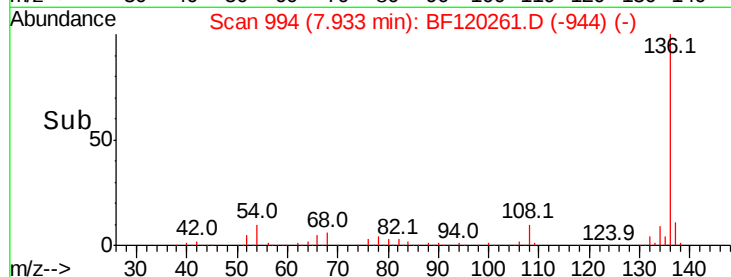
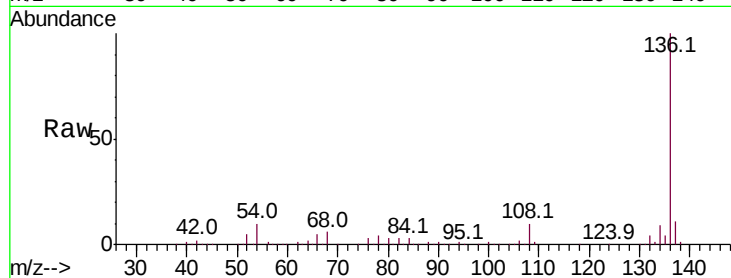
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.3 9.1 13.7

68 5.5 4.6 6.8

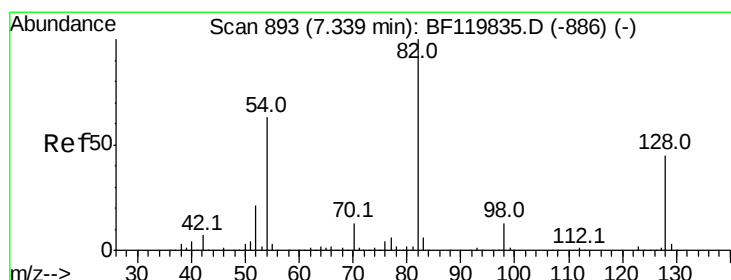
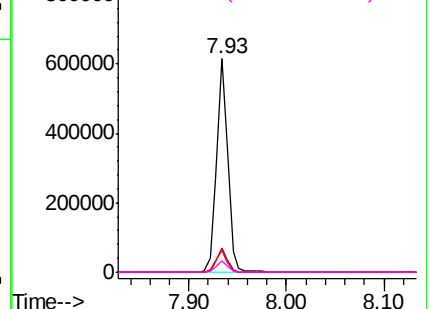


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 92.474 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF120261.D

Acq: 1 May 2020 16:35

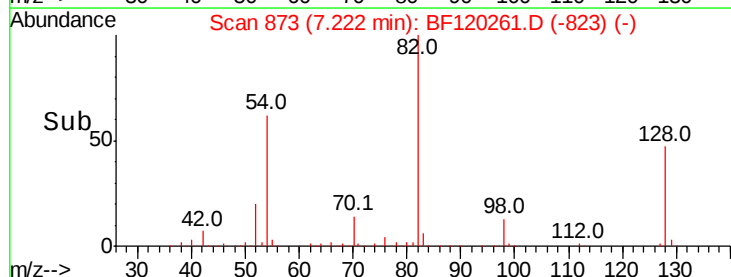
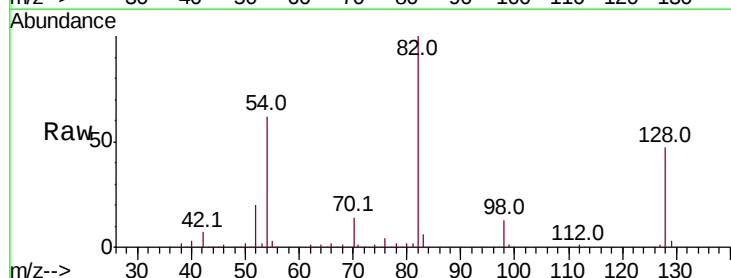
Tgt Ion: 82 Resp: 880912

Ion Ratio Lower Upper

82 100

128 47.0 36.3 54.5

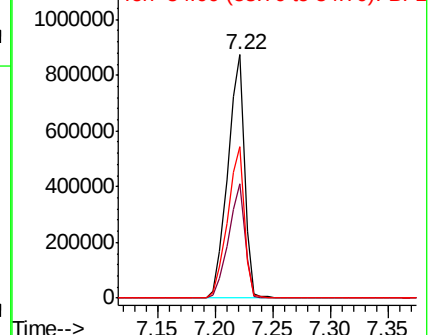
54 62.0 50.6 75.8

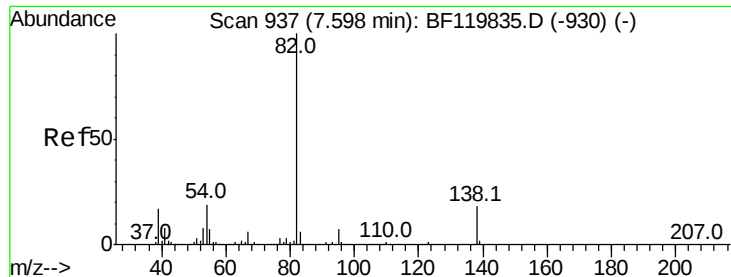


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.762 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.26 min

Lab File: BF120261.D

Acq: 1 May 2020 16:35

Instrument :

BNA_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

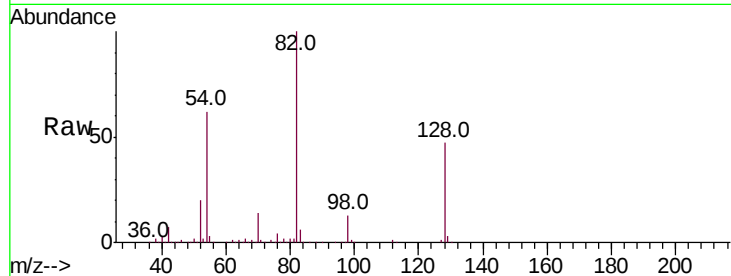
Tot Ion: 82 Resp: 877082

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

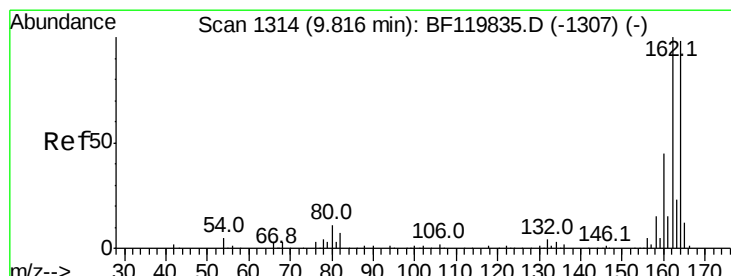
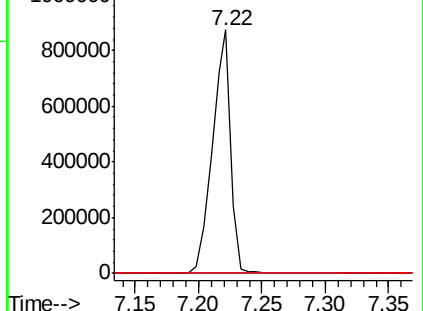
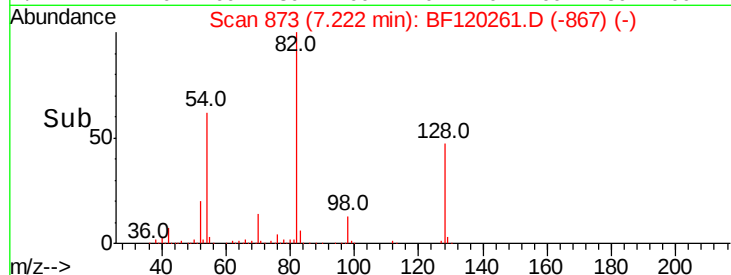
138 0.0 14.6 21.8#



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: BF120261.D

Acq: 1 May 2020 16:35

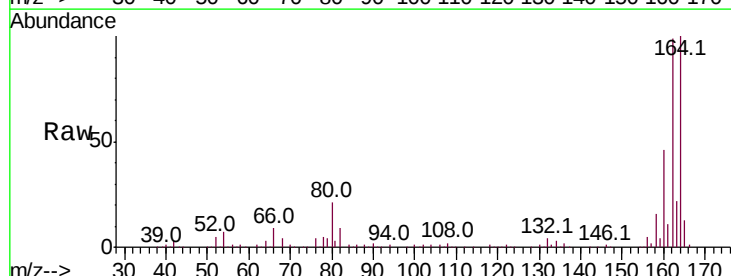
Tgt Ion: 164 Resp: 257576

Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

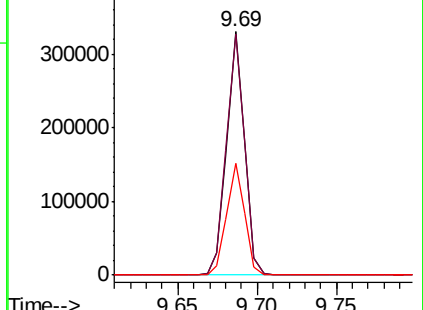
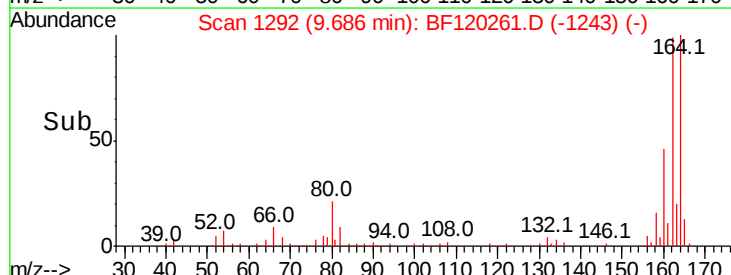
160 46.0 35.7 53.5

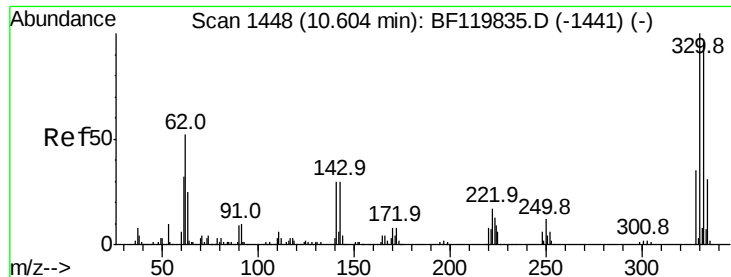


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

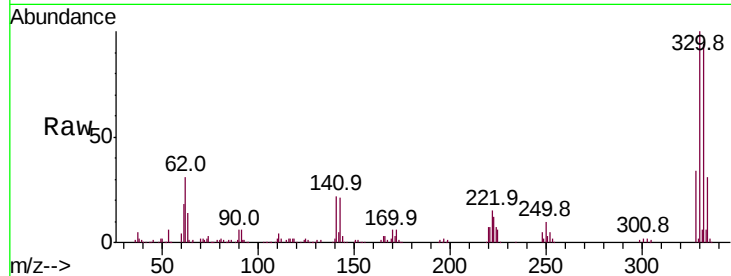




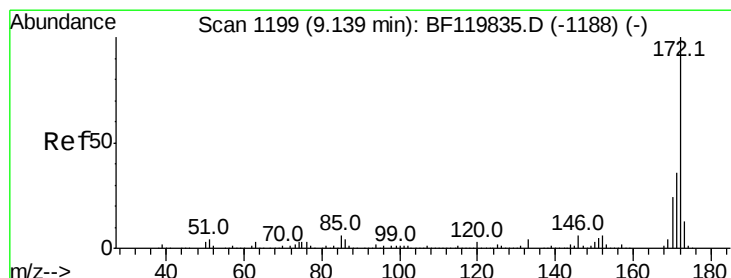
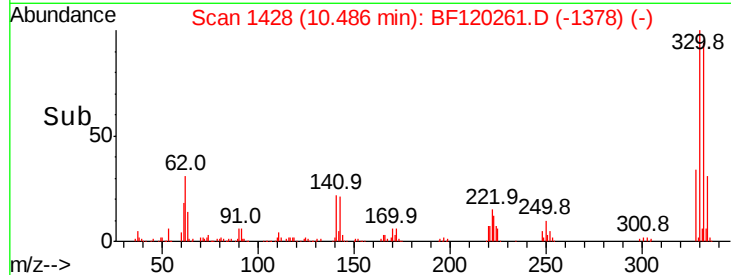
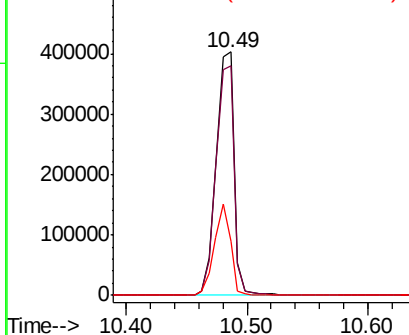
#42
 2,4,6-Tribromophenol
 Concen: 129.842 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-AOC14-CAR-WASH

Tot Ion:330 Resp: 409469
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 34.0 25.4 38.0

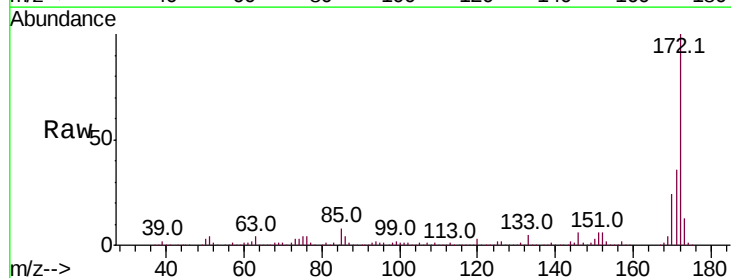


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

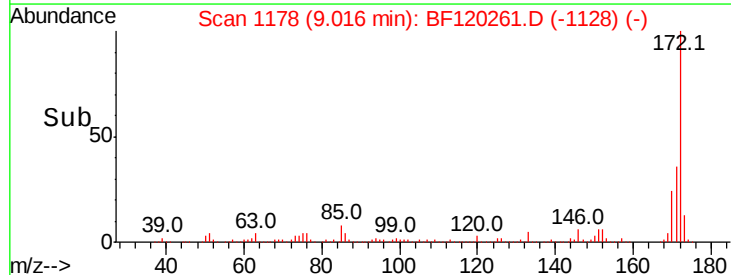
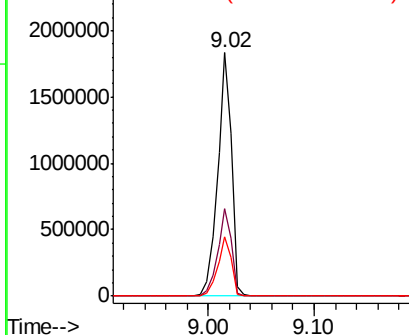


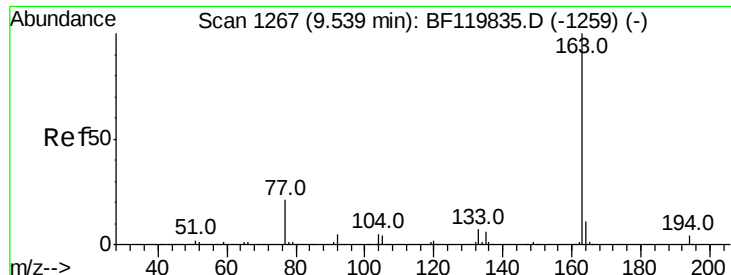
#45
 2-Fluorobiphenyl
 Concen: 93.643 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

Tgt Ion:172 Resp: 1698861
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 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

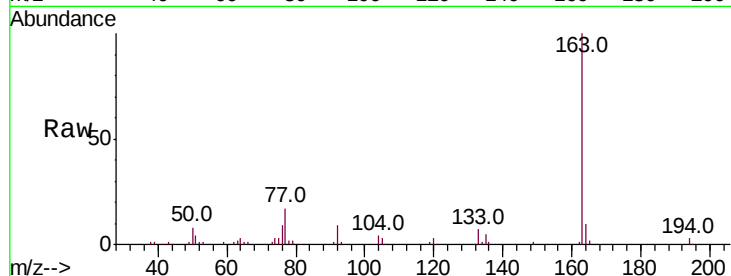




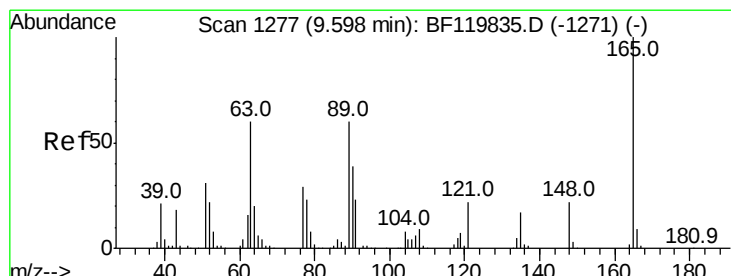
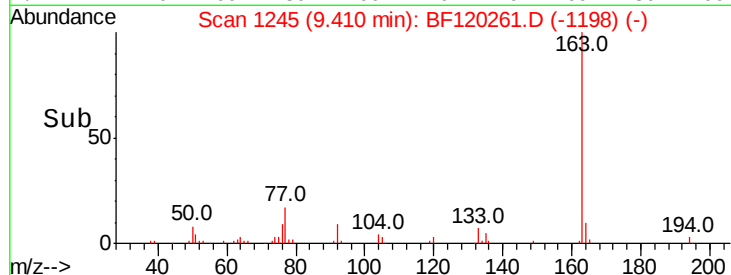
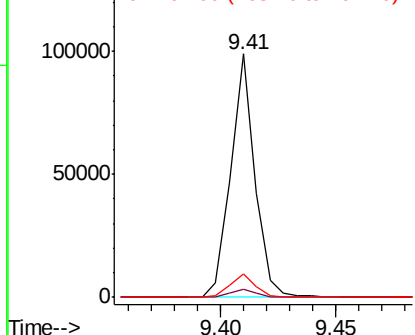
#50
Dimethylphthalate
Concen: 3.608 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF120261.D
Acq: 1 May 2020 16:35

Instrument :
BNA_F
ClientSampleId :
NORTH-AOC14-CAR-WASH

Tot Ion:163 Resp: 71875
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.6 8.2 12.2

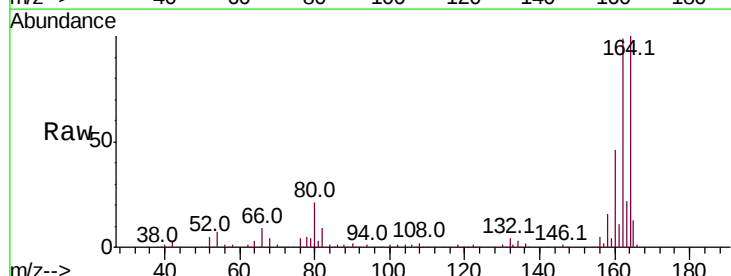


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

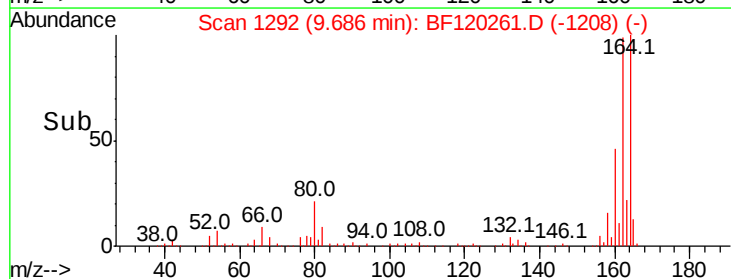
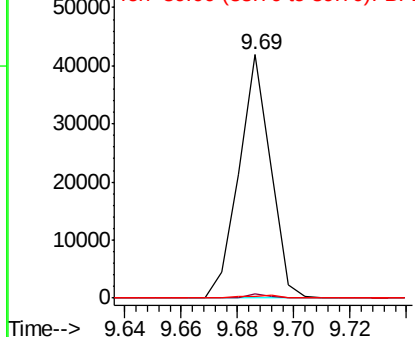


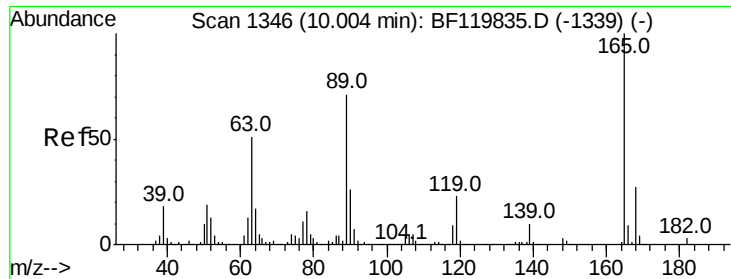
#51
2,6-Dinitrotoluene
Concen: 7.456 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF120261.D
Acq: 1 May 2020 16:35

Tgt Ion:165 Resp: 32531
Ion Ratio Lower Upper
165 100
63 1.7 45.0 67.4#
89 0.9 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

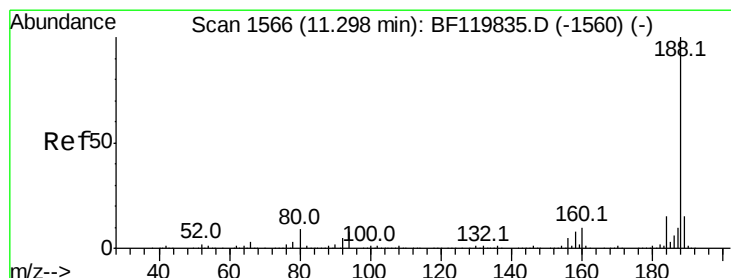
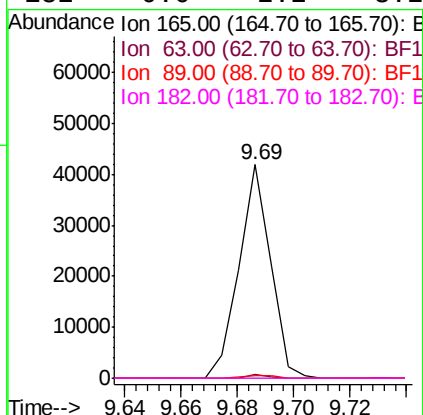
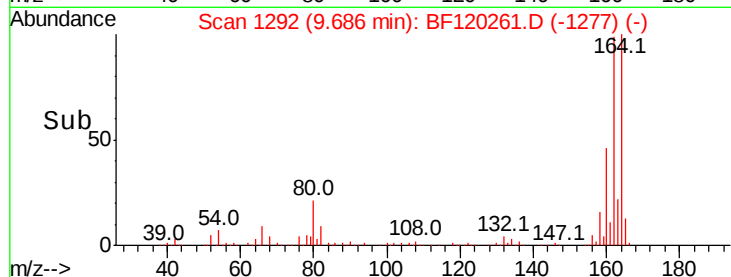
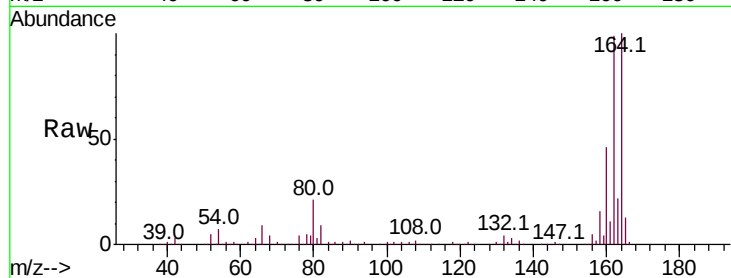




#57
 2,4-Dinitrotoluene
 Concen: 5.659 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.21 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

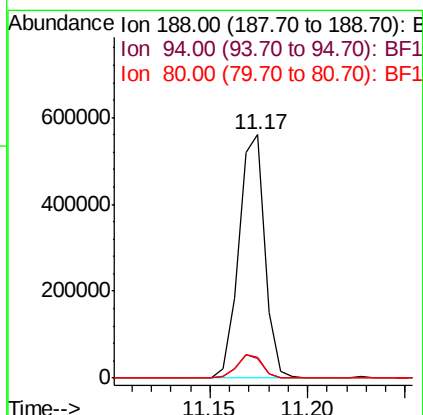
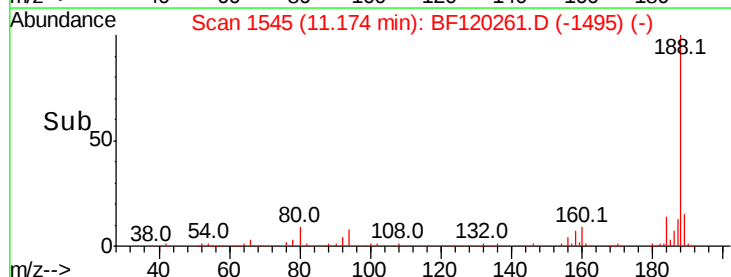
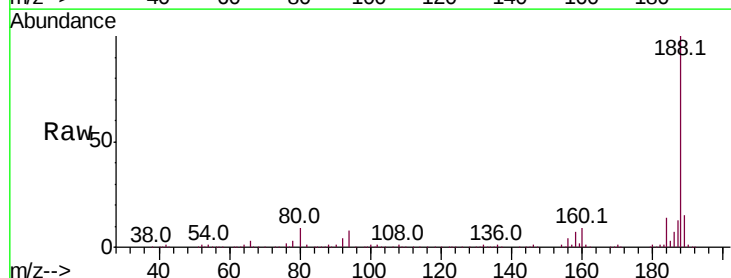
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-AOC14-CAR-WASH

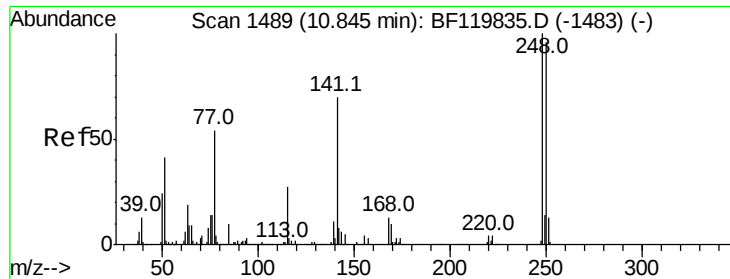
Tot Ion:165 Resp: 32531
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.6 64.0#
 89 0.9 61.0 91.4#
 182 0.0 2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

Tgt Ion:188 Resp: 515472
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.5 11.3
 80 8.7 9.0 13.4#

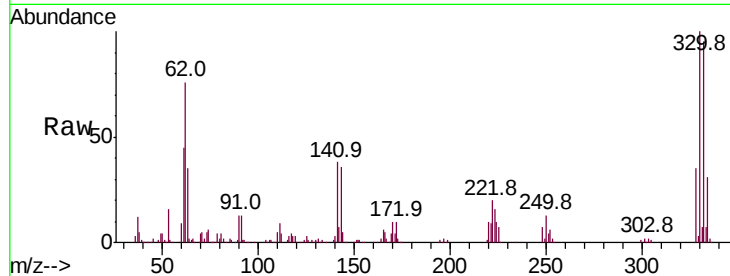




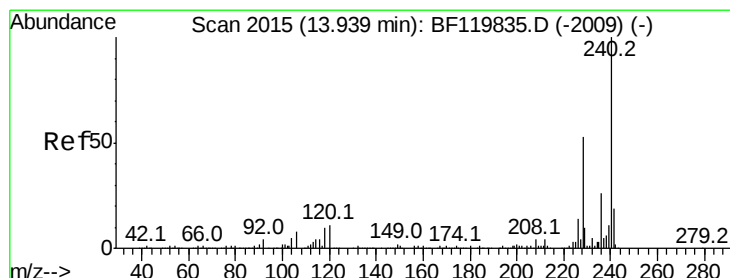
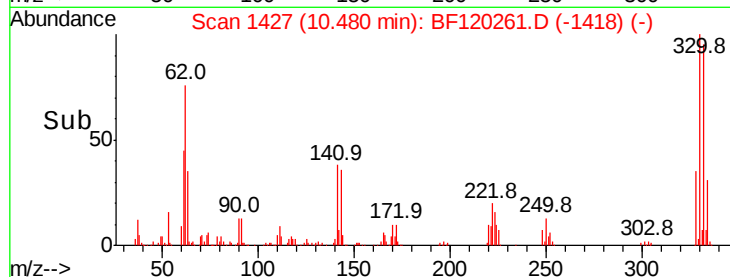
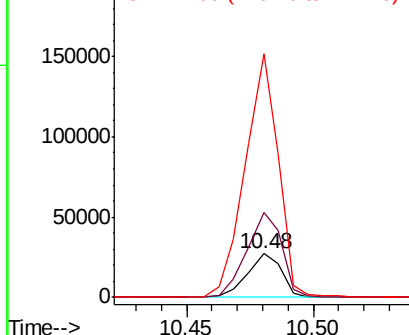
#67
 4-Bromophenyl-phenylether
 Concen: 4.016 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-AOC14-CAR-WASH

Tot Ion:248 Resp: 25742
 Ion Ratio Lower Upper
 248 100
 250 195.7 77.3 115.9#
 141 561.7 58.6 87.8#

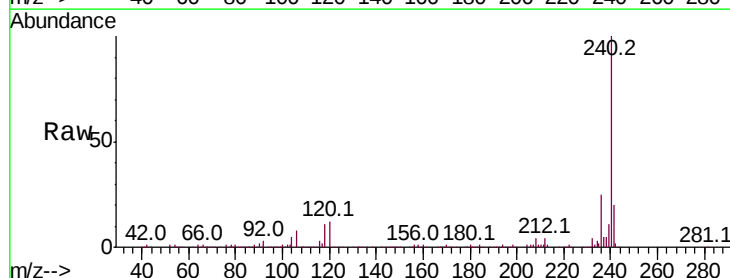


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

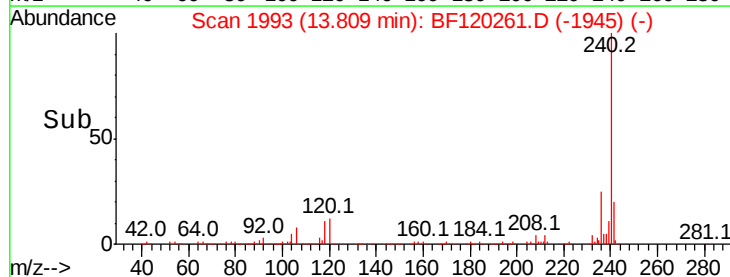
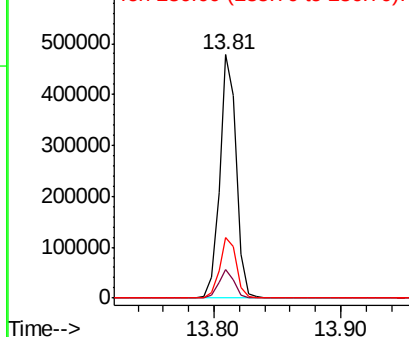


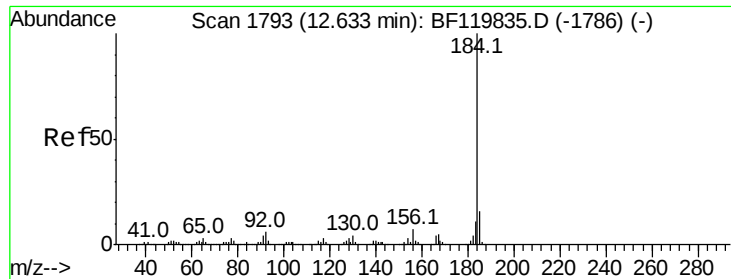
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

Tgt Ion:240 Resp: 434528
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.6 15.8
 236 25.0 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





#77

Benzidine

Concen: 2.533 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF120261.D

Acq: 1 May 2020 16:35

Instrument :

BNA_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

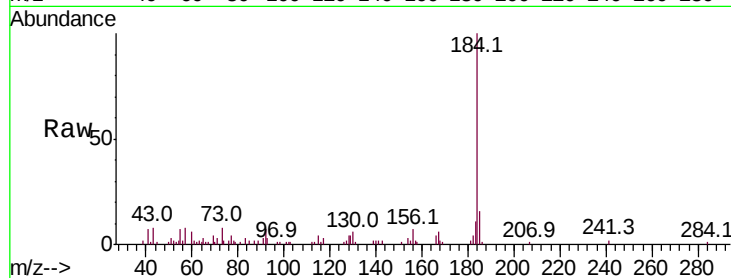
Tot Ion:184 Resp: 37209

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.3	18.5
183	11.1	9.0	13.6

184 100

185 16.1 12.3 18.5

183 11.1 9.0 13.6



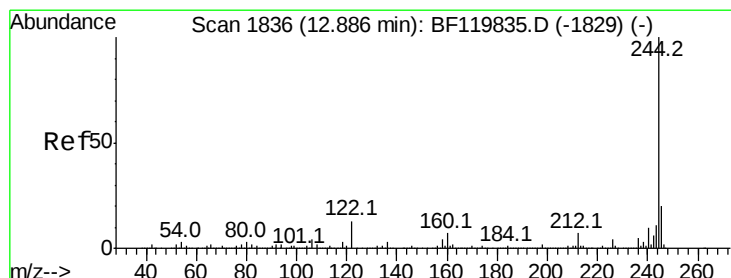
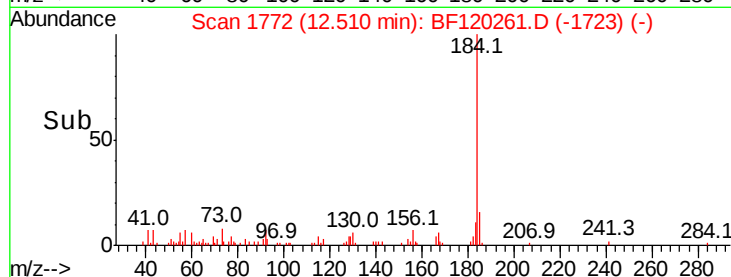
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.51

Time-->



#79

Terphenyl-d14

Concen: 82.798 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120261.D

Acq: 1 May 2020 16:35

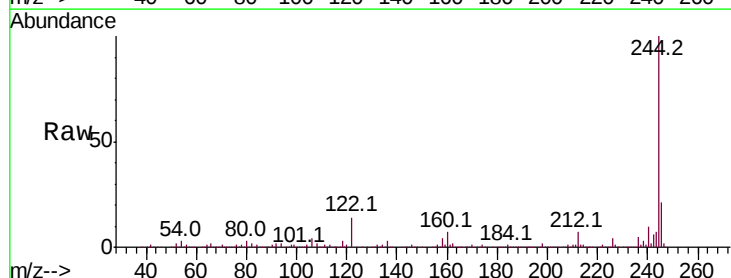
Tgt Ion:244 Resp: 2138181

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.6	10.3	15.5

244 100

212 7.2 5.8 8.8

122 13.6 10.3 15.5



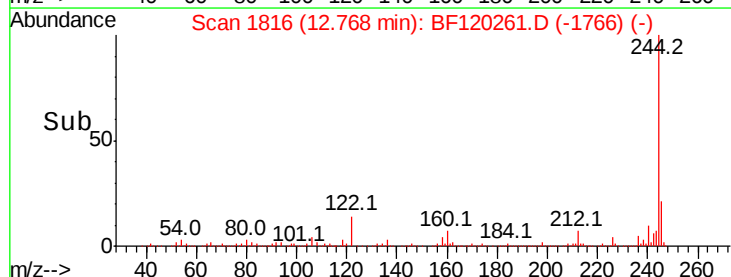
Abundance Ion 244.00 (243.70 to 244.70): E

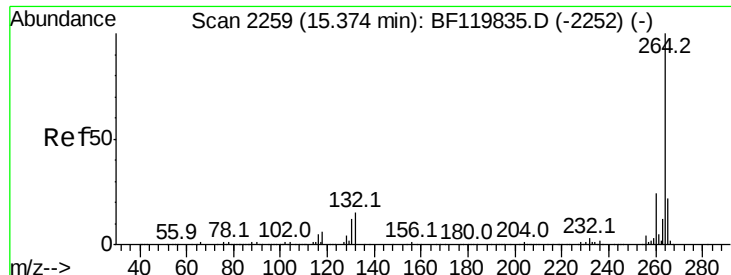
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.77

Time-->

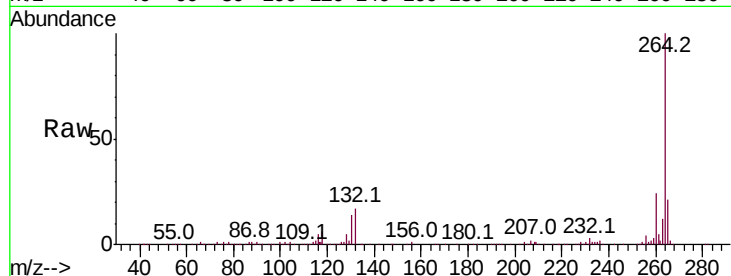




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-AOC14-CAR-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	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

