

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 17:19:39 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

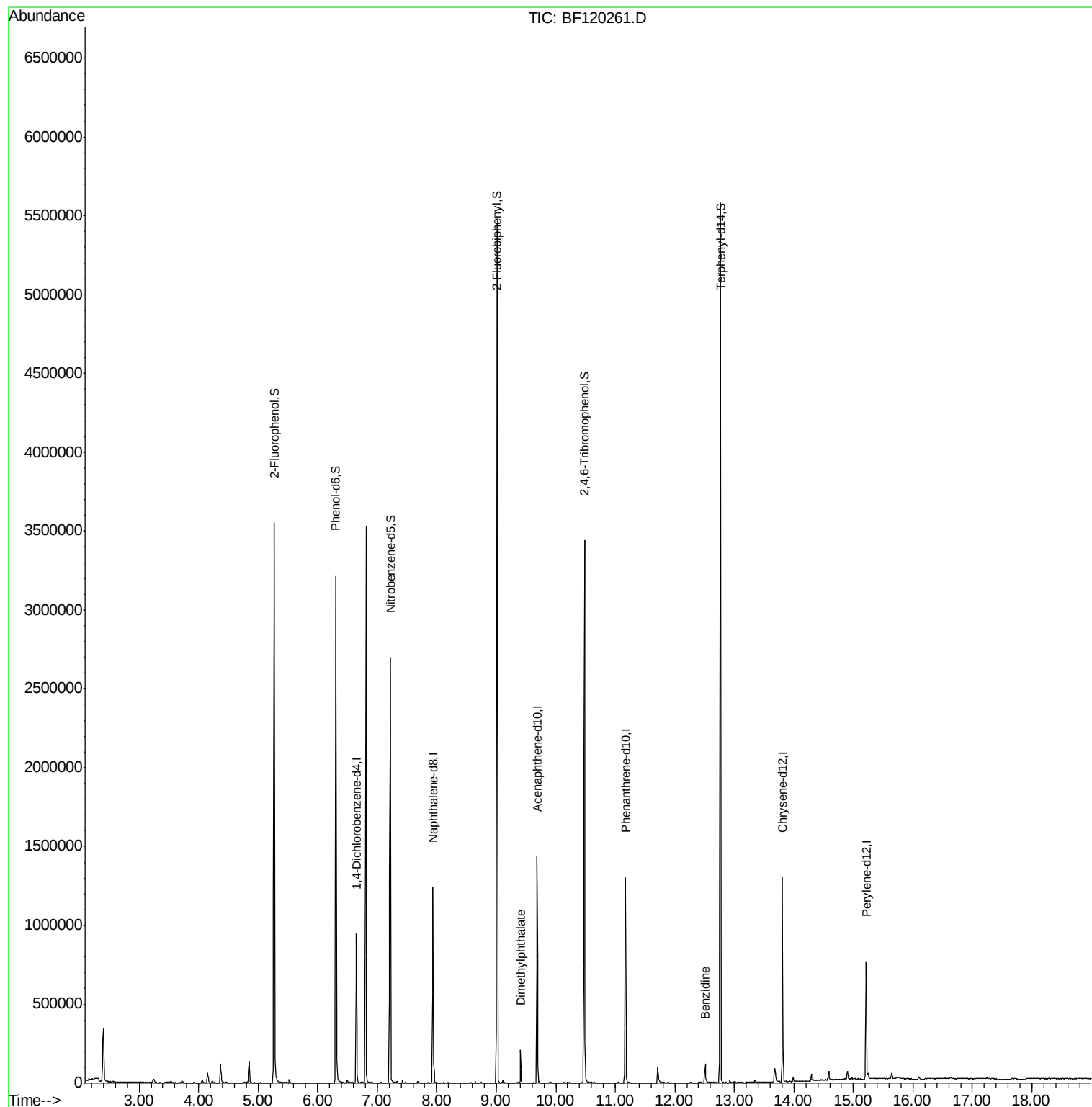
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	130196	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	492818	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	257576	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	515472	20.00	ng	0.00
76) Chrysene-d12	13.81	240	434528	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						
50) Dimethylphthalate	9.41	163	71875	3.608	ng	98
77) Benzidine	12.51	184	37209	2.533	ng	99

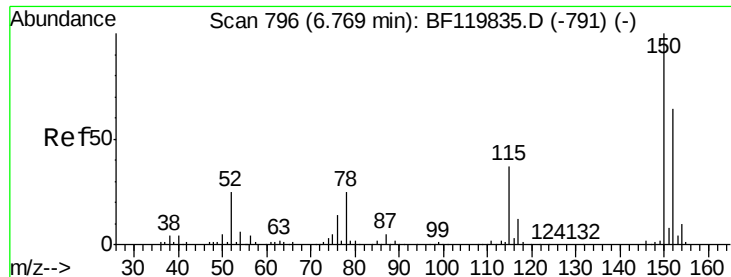
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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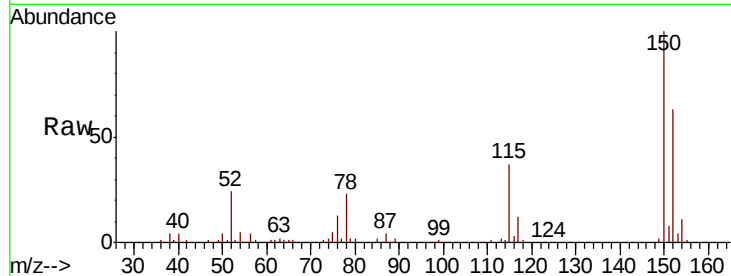


#1

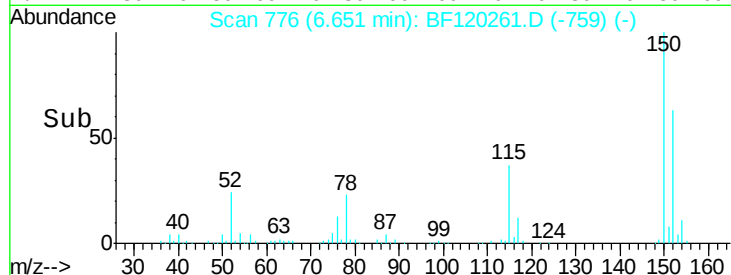
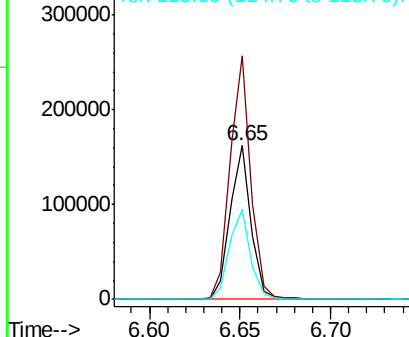
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120261.D
Acq: 1 May 2020 16:35

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



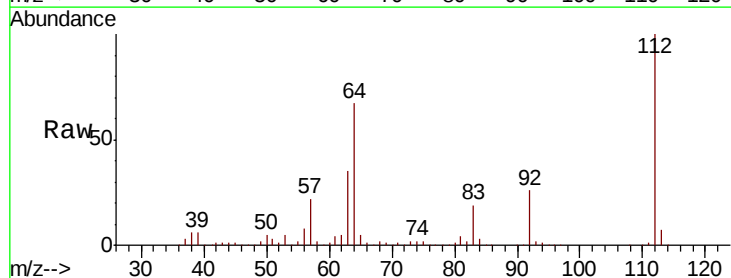
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



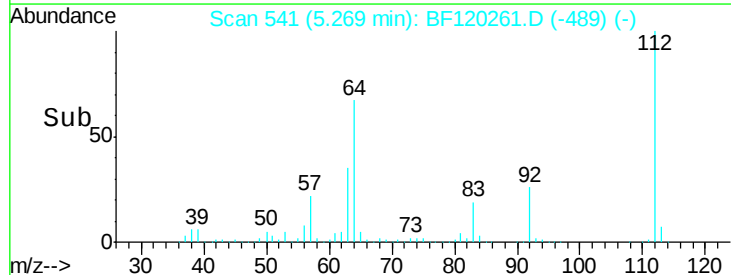
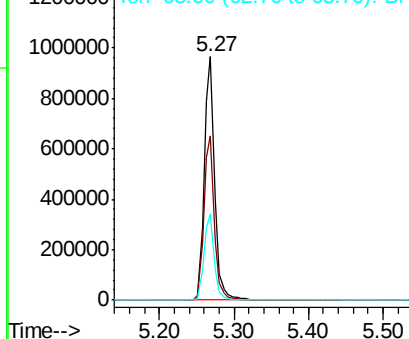
#5

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

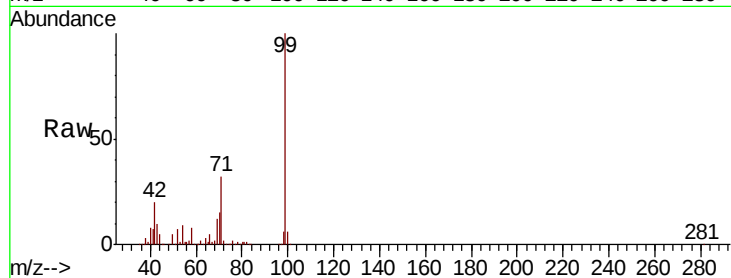
Tot Ion: 99 Resp: 1126193

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

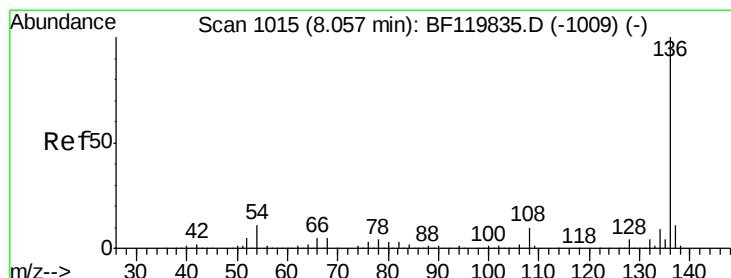
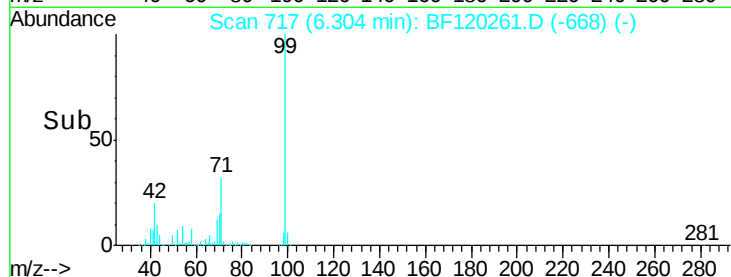
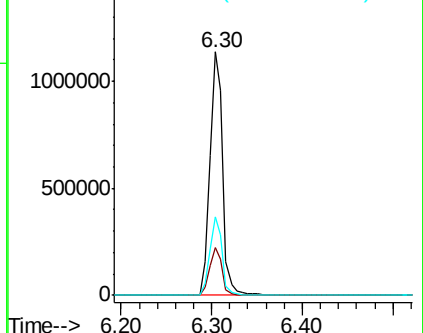
71 32.3 26.4 39.6



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



#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

Tgt Ion: 136 Resp: 492818

Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.3 9.1 13.7

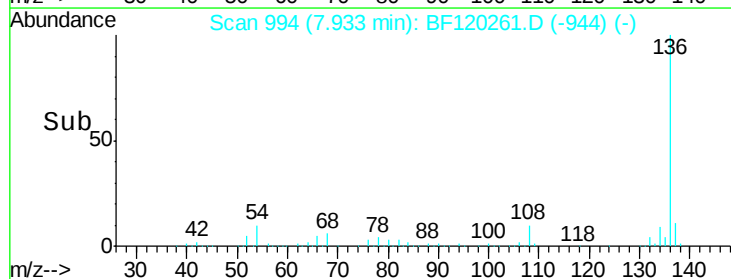
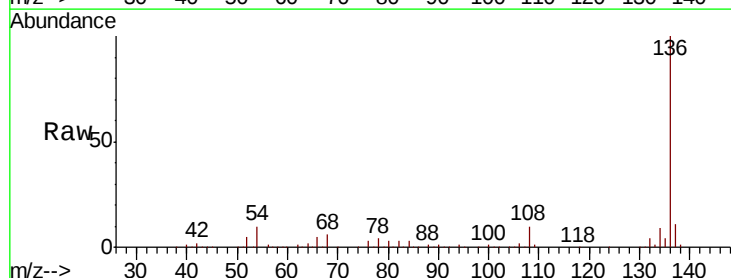
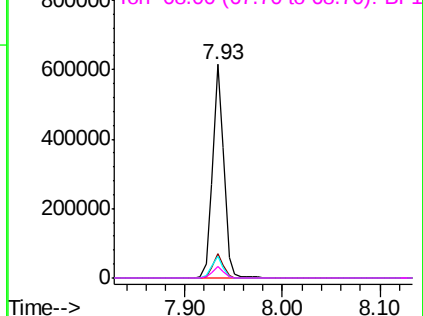
68 5.5 4.6 6.8

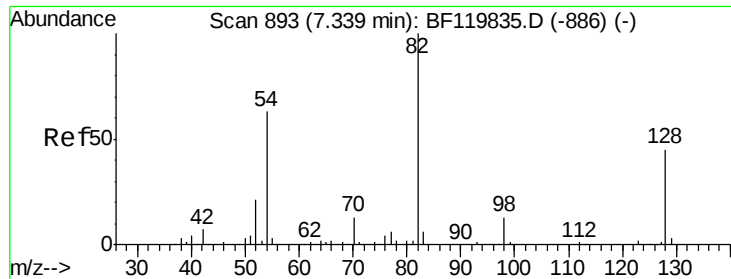
Abundance Ion 136.00 (135.70 to 136.70): E

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

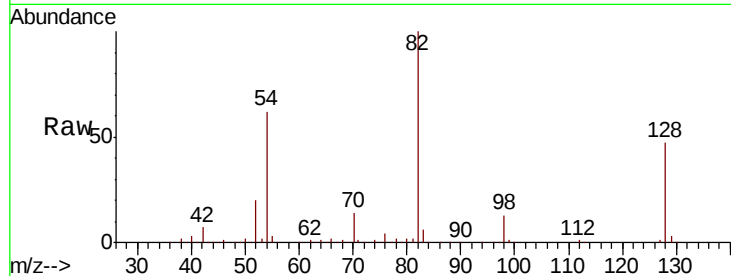




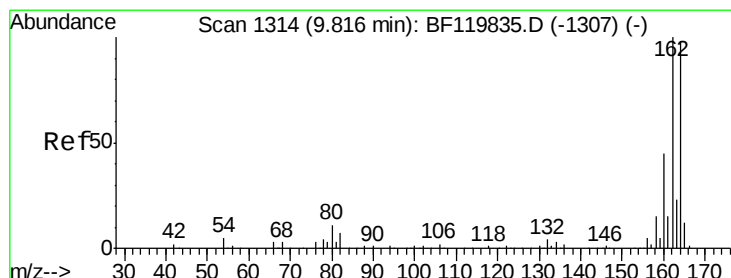
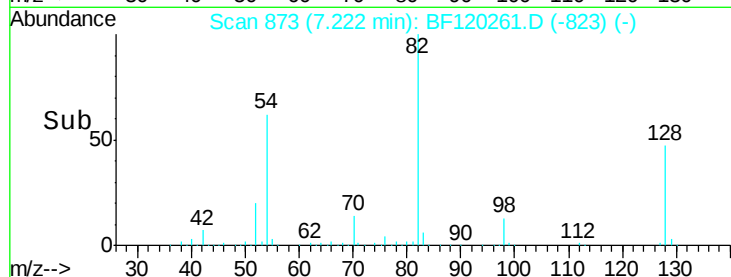
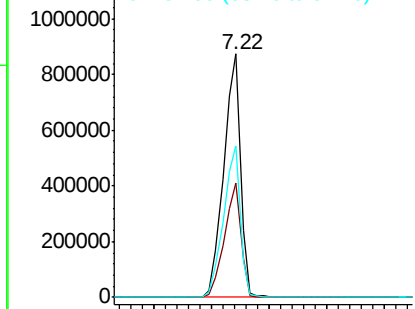
#23
 Nitrobenzene-d5
 Concen: 92.474 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

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

Tot Ion: 82 Resp: 880912
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 62.0 50.6 75.8

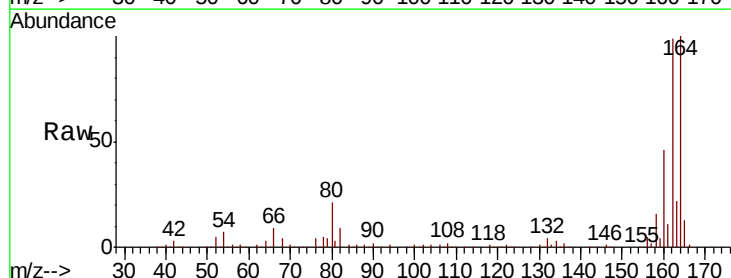


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

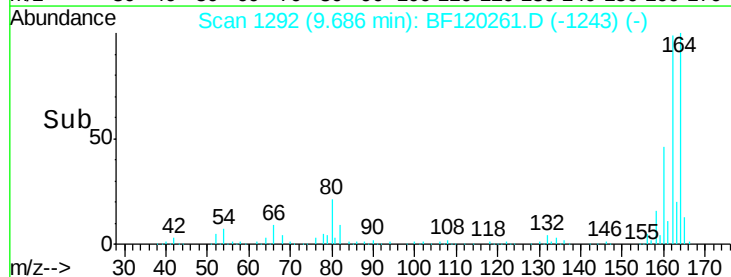
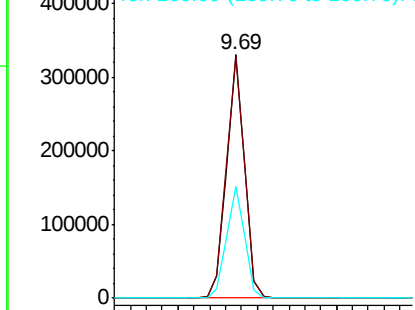


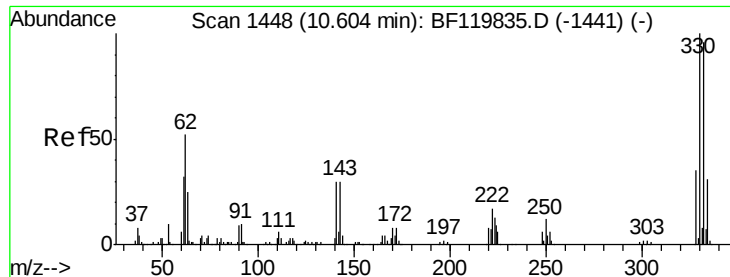
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

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

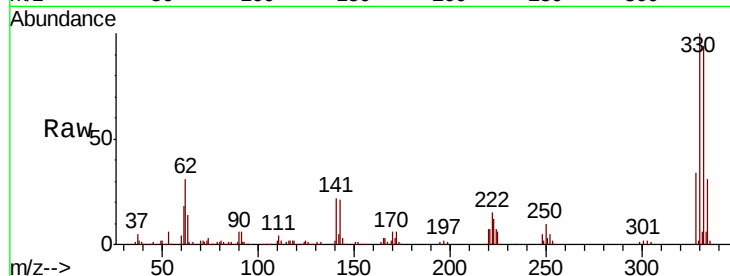




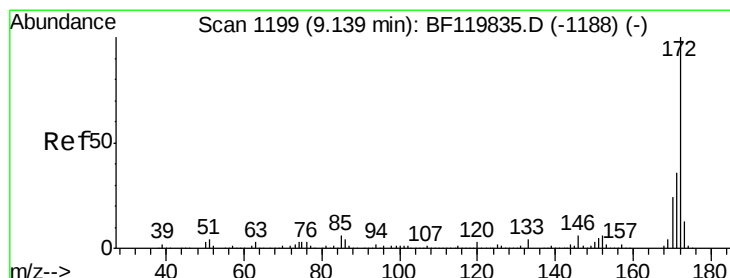
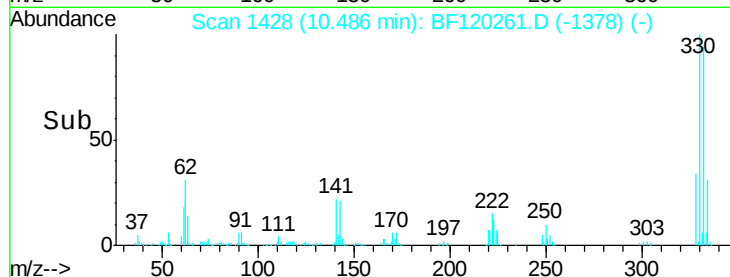
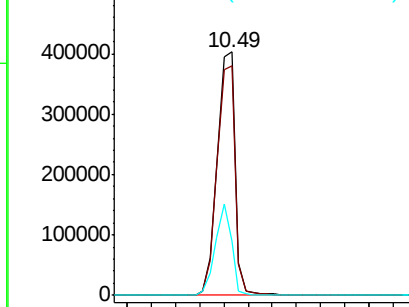
#42
 2,4,6-Tribromophenol
 Concen: 129.842 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

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

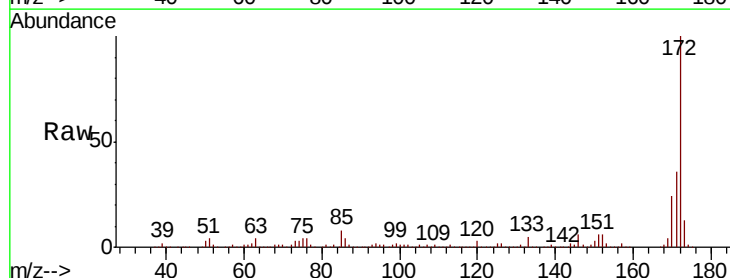


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

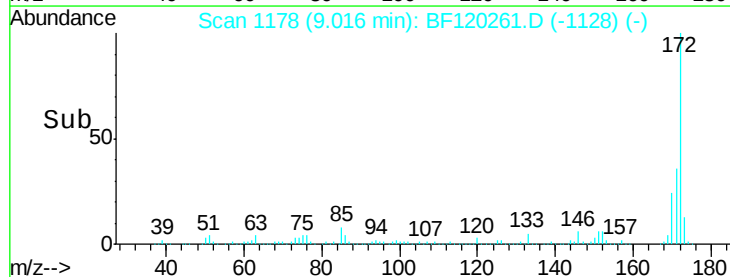
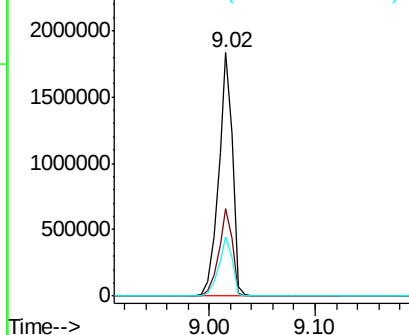


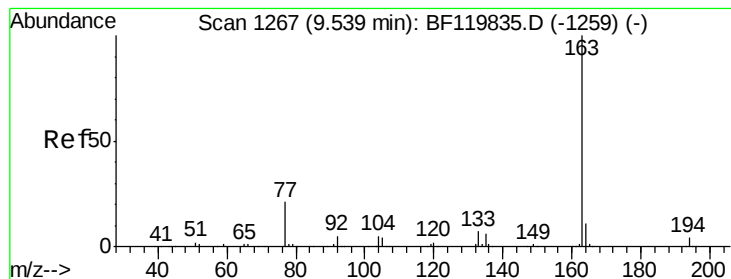
#45
 2-Fluorobiphenyl
 Concen: 93.643 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120261.D
 Acq: 1 May 2020 16:35

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

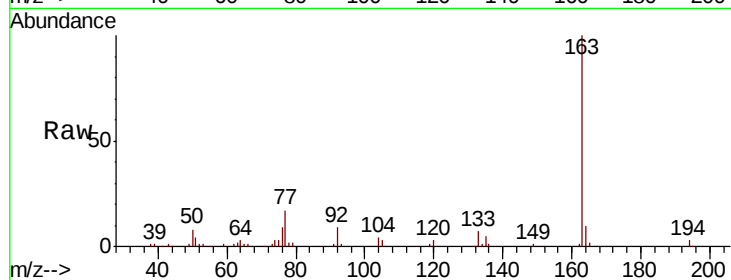
Tot Ion:163 Resp: 71875

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

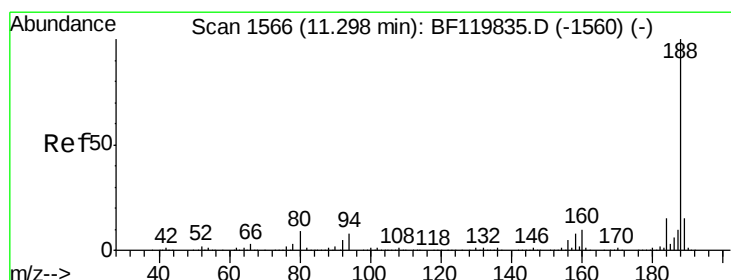
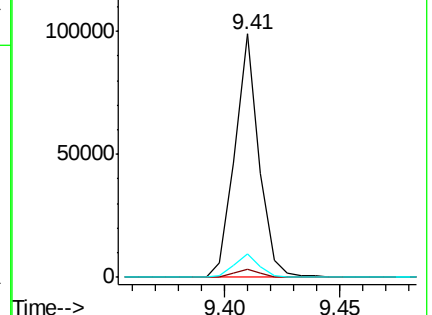
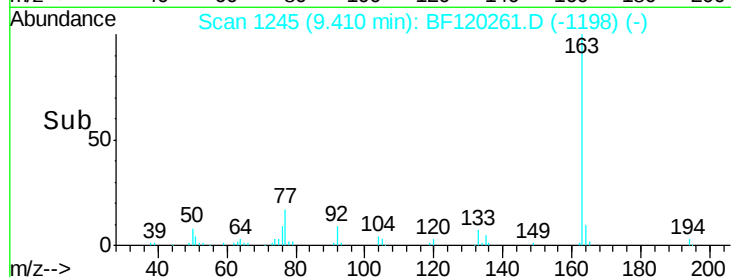
164 9.6 8.2 12.2



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



#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

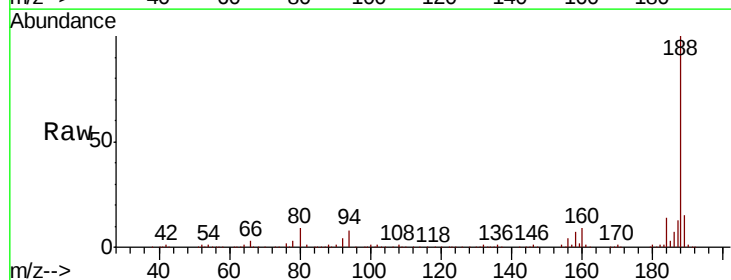
Tgt Ion:188 Resp: 515472

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

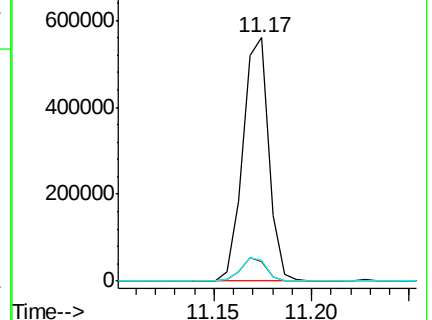
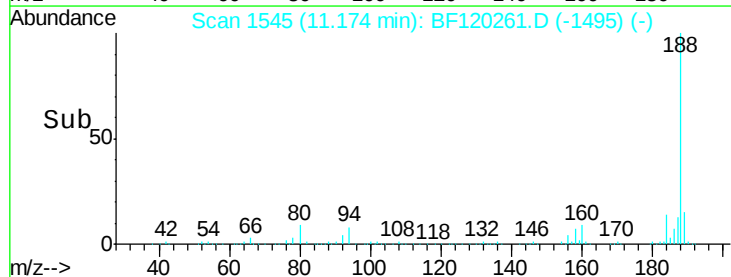
80 8.7 9.0 13.4#

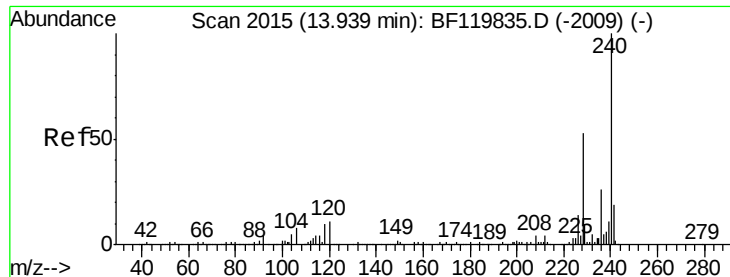


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

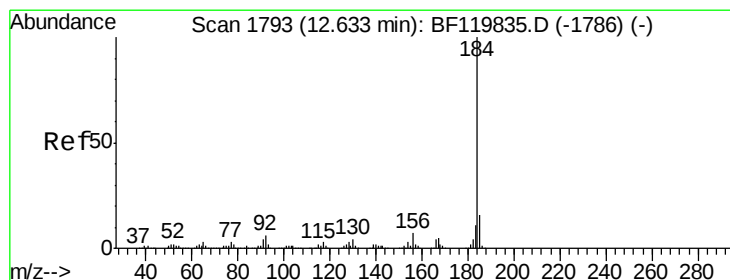
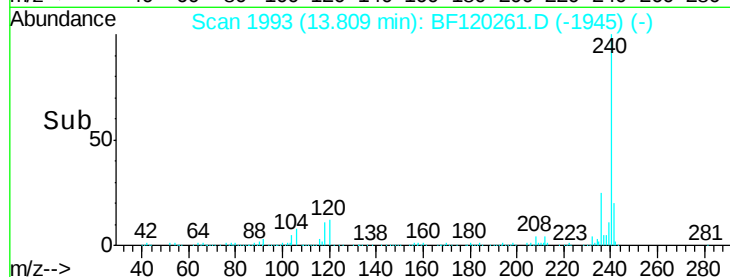
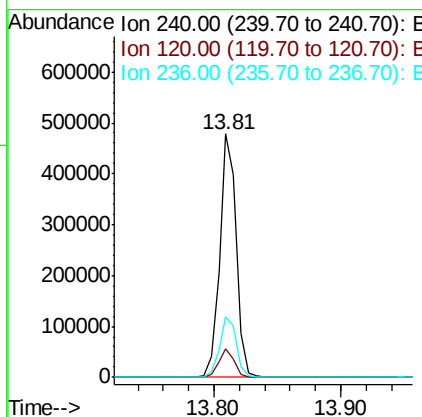
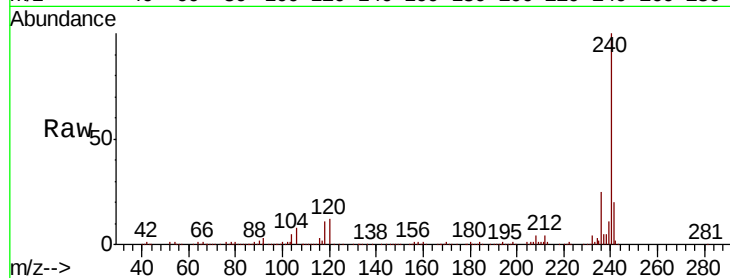




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF120261.D
Acq: 1 May 2020 16:35

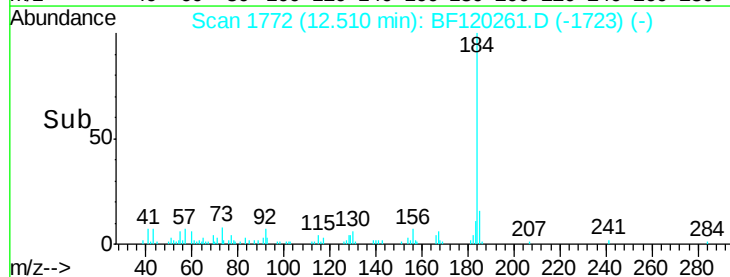
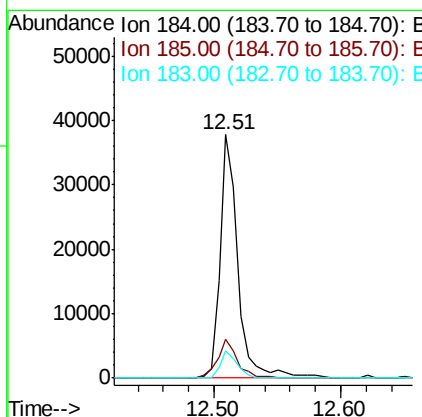
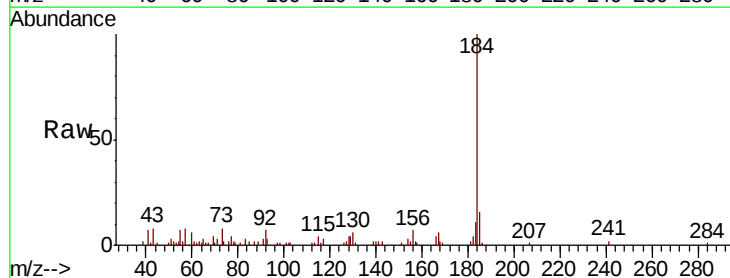
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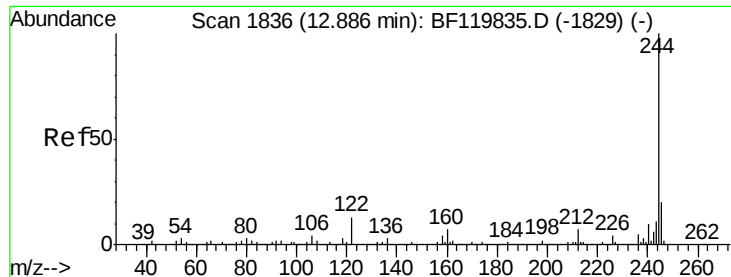
Tot Ion:240 Resp: 434528
Ion Ratio Lower Upper
240 100
120 11.9 10.6 15.8
236 25.0 20.2 30.2



#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

Tgt Ion:184 Resp: 37209
Ion Ratio Lower Upper
184 100
185 16.1 12.3 18.5
183 11.1 9.0 13.6





#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

Instrument :

BNA_F

ClientSampleId :

NORTH-AOC14-CAR-WASH

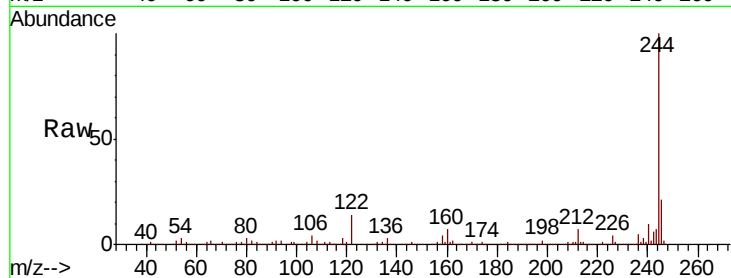
Tot Ion:244 Resp: 2138181

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

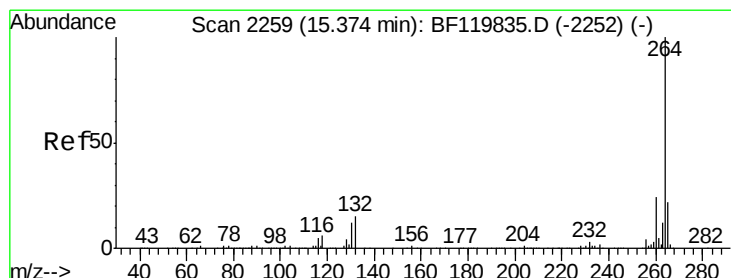
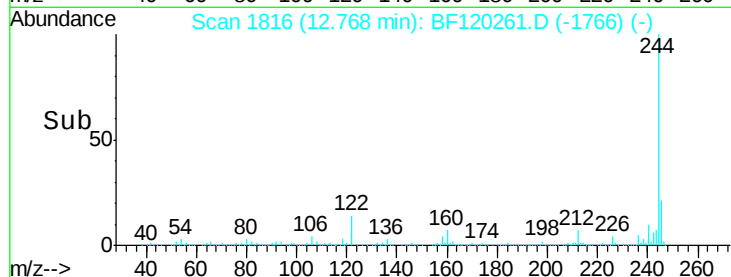
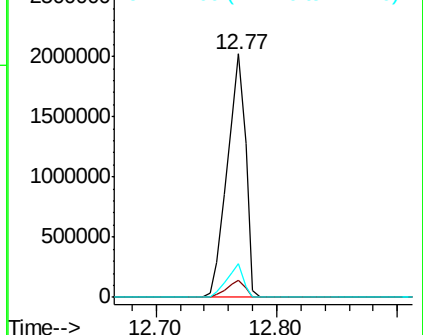
122 13.6 10.3 15.5



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



#87

Perylene-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

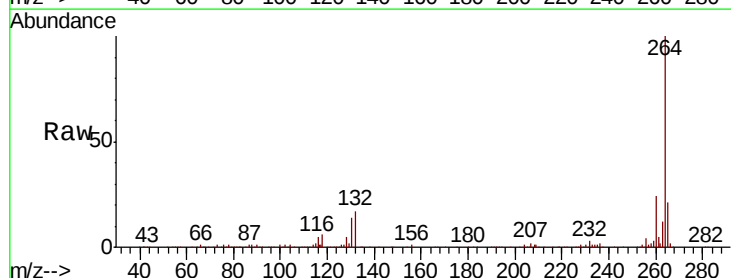
Tgt Ion:264 Resp: 326556

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

