

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120289.D
 Acq On : 14 May 2020 14:37
 Operator : MA/SJ
 Sample : L2601-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WH-CONCRETE

Quant Time: May 14 16:37:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

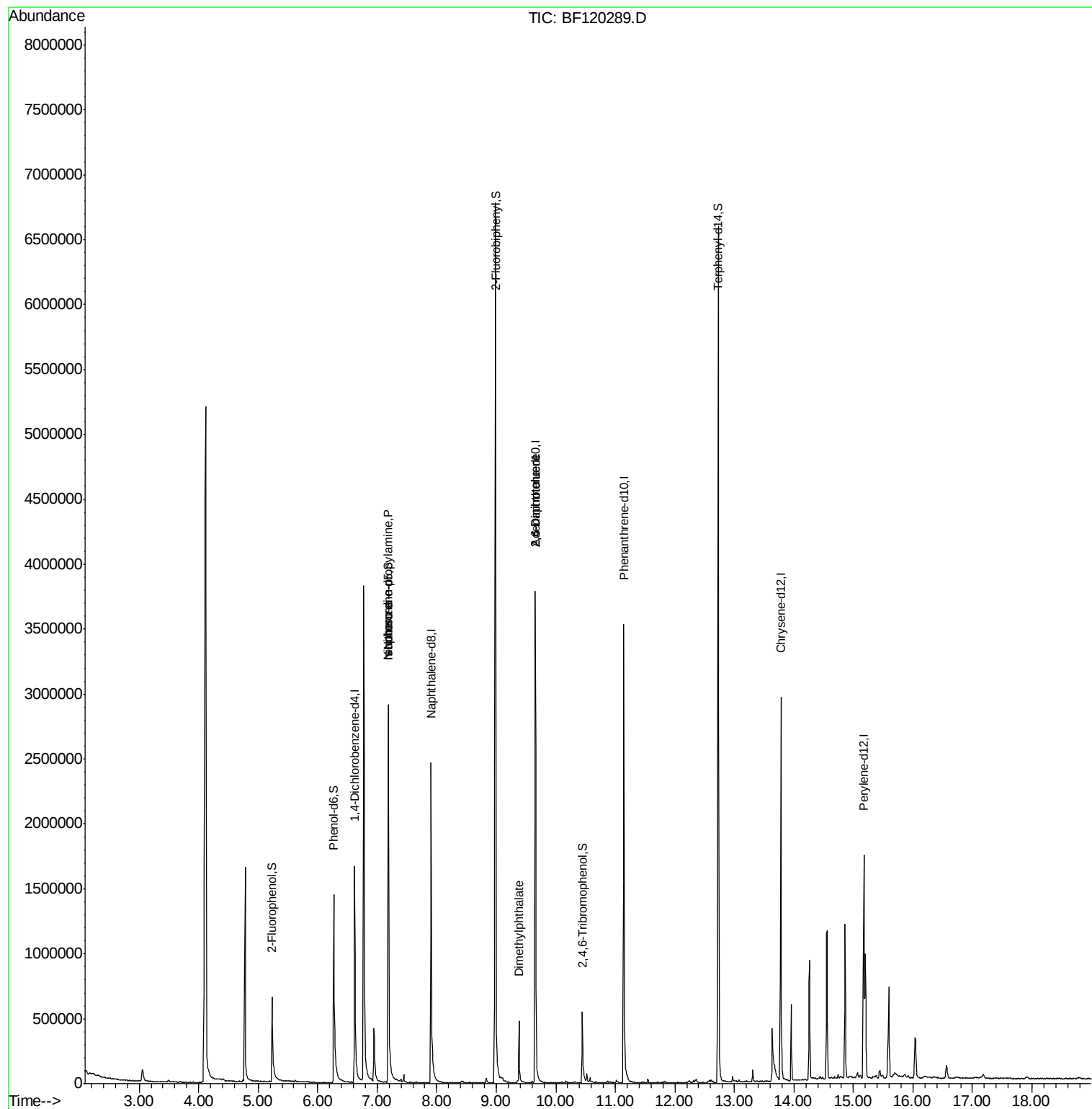
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	349972	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1442753	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	848649	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1663311	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1085061	20.00	ng	0.00
87) Perylene-d12	15.17	264	861881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	298023	16.57	ng	0.00
7) Phenol-d6	6.27	99	757015	33.28	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1197409	56.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.45	330	89194	12.89	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2558451	61.94	ng	0.00
79) Terphenyl-d14	12.73	244	2550243	51.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	148458	9.962	ng	# 77
25) Isophorone	7.19	82	1196209	27.283	ng	# 65
50) Dimethylphthalate	9.38	163	208167	3.880	ng	98
51) 2,6-Dinitrotoluene	9.66	165	111075	9.277	ng	# 23
57) 2,4-Dinitrotoluene	9.66	165	111763	7.957	ng	# 16

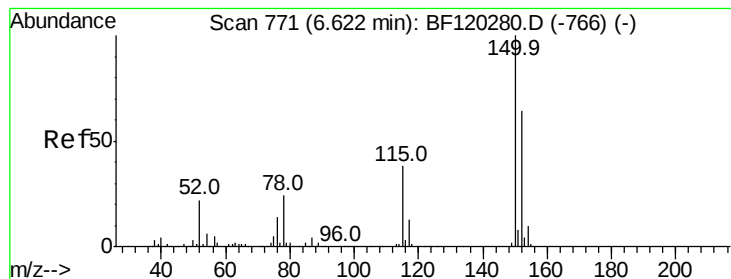
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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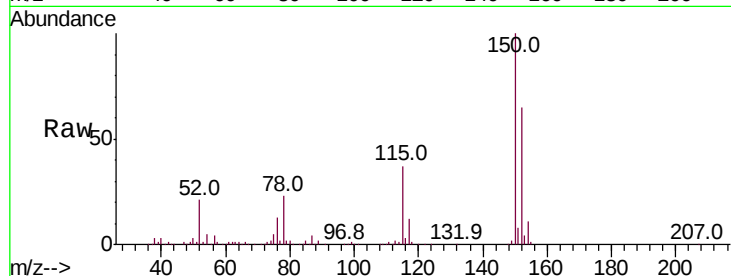


#1

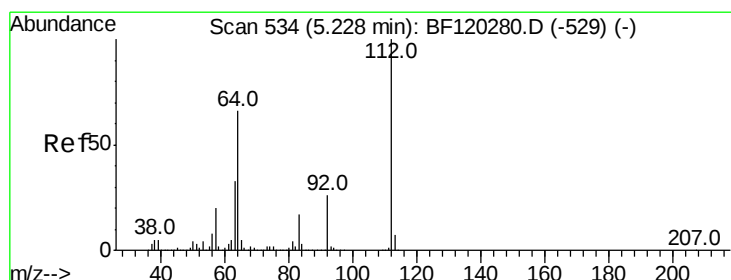
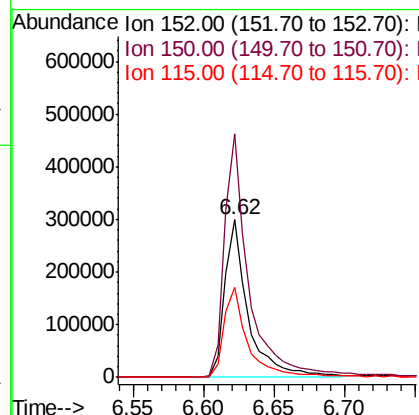
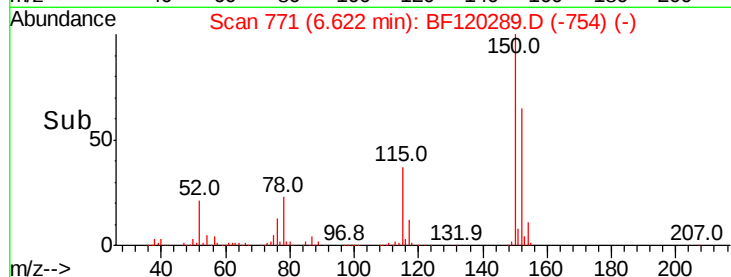
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120289.D
Acq: 14 May 2020 14:37

Instrument :
BNA_F
ClientSampleId :
WH-CONCRETE

Tot Ion:152 Resp: 349972
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 57.4 47.9 71.9



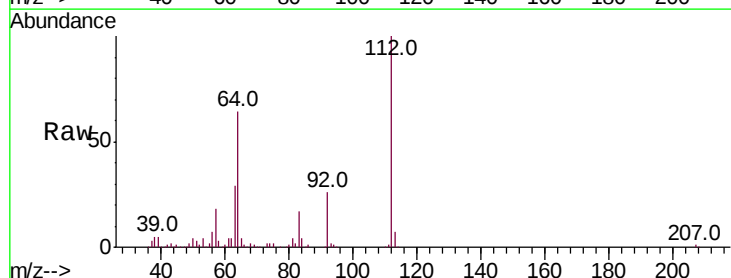
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



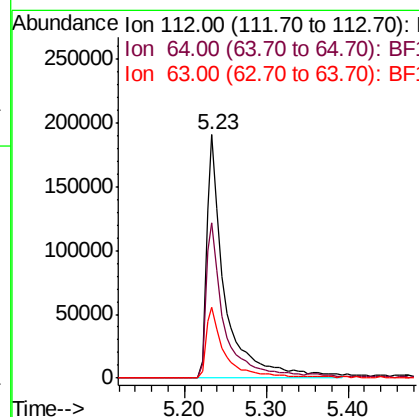
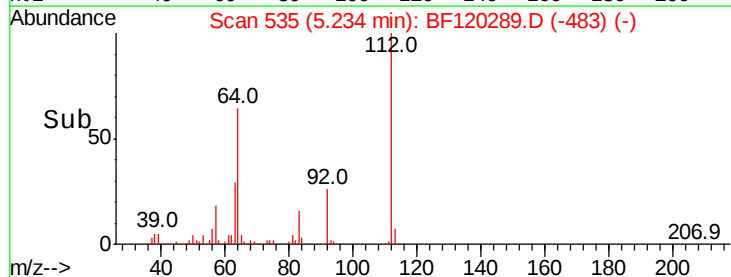
#5

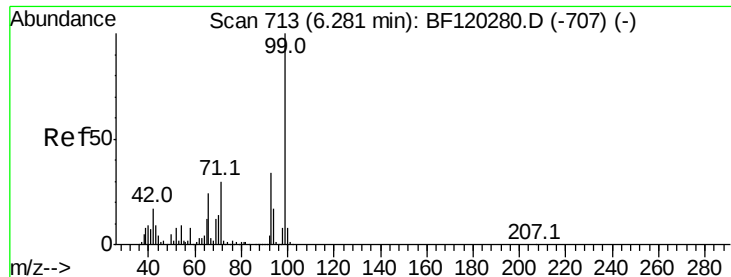
2-Fluorophenol
Concen: 16.569 ng
RT: 5.23 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF120289.D
Acq: 14 May 2020 14:37

Tgt Ion:112 Resp: 298023
Ion Ratio Lower Upper
112 100
64 63.9 52.7 79.1
63 29.3 26.2 39.4



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: 33.281 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

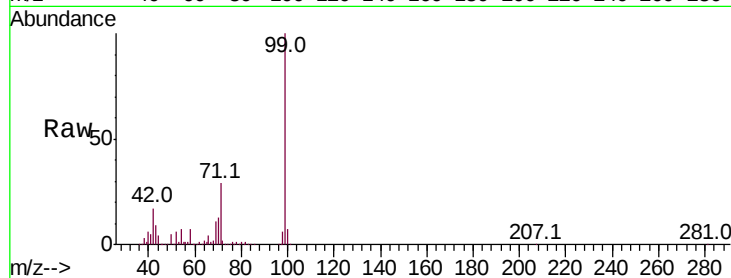
Tot Ion: 99 Resp: 757015

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

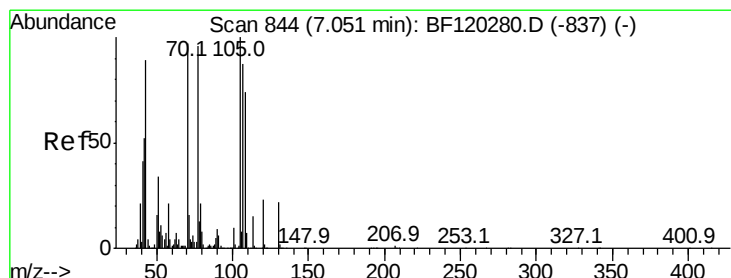
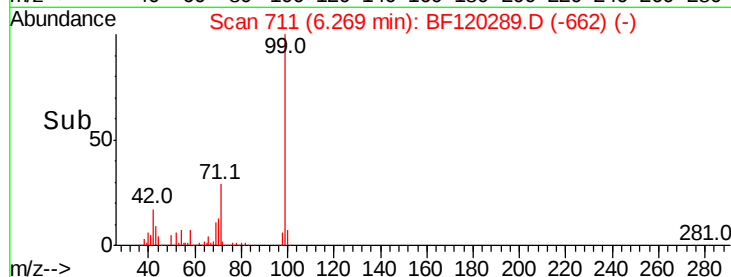
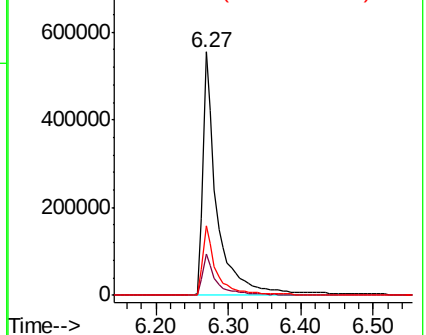
71 28.6 24.2 36.4



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: 9.962 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.14 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

Tgt Ion: 70 Resp: 148458

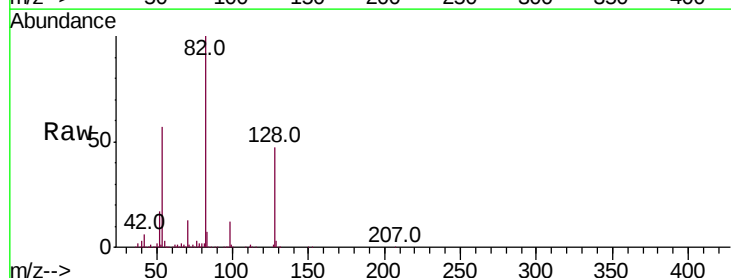
Ion Ratio Lower Upper

70 100

42 44.2 43.4 65.0

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

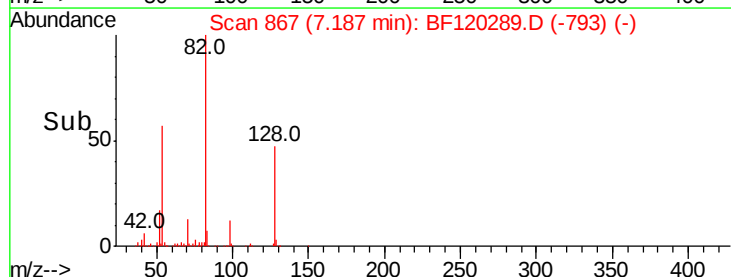
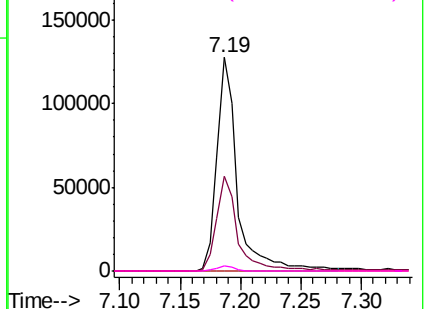


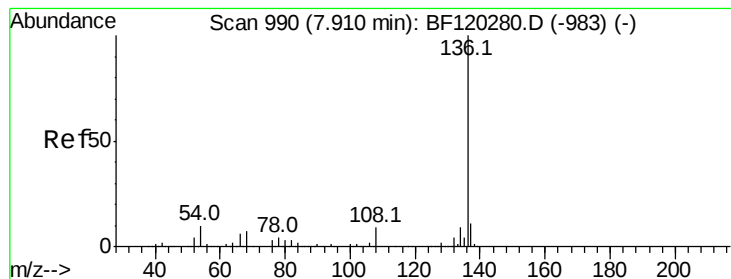
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

Tot Ion:136 Resp: 1442753

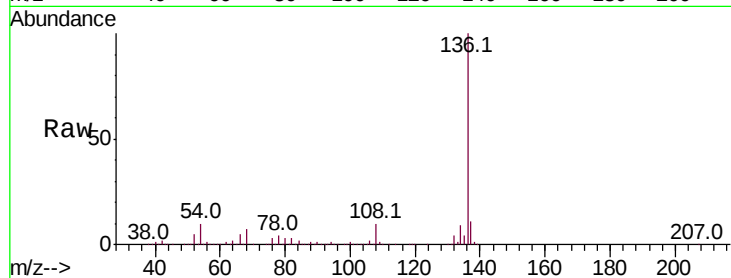
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.4 7.9 11.9

68 6.8 5.4 8.2

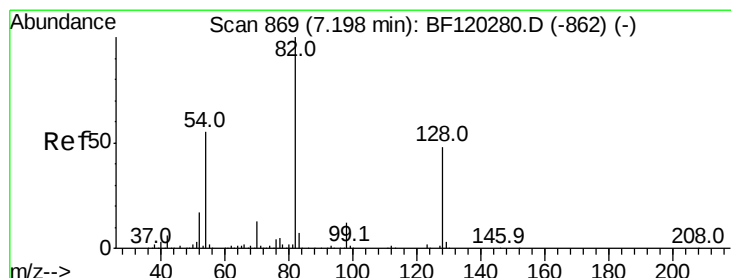
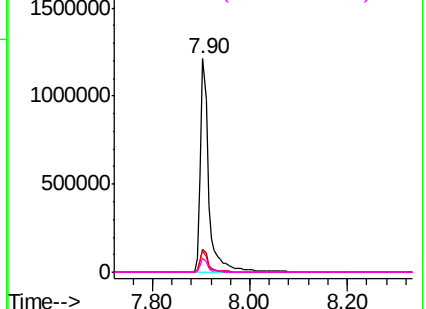
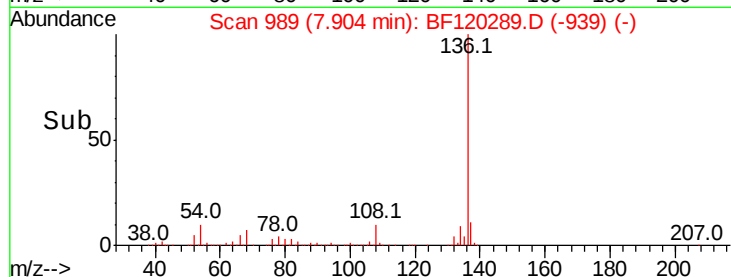


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.824 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

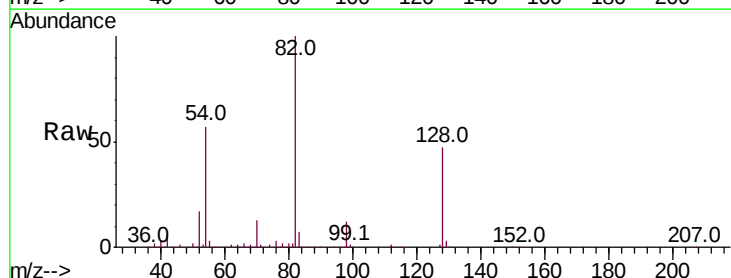
Tgt Ion: 82 Resp: 1197409

Ion Ratio Lower Upper

82 100

128 46.7 38.3 57.5

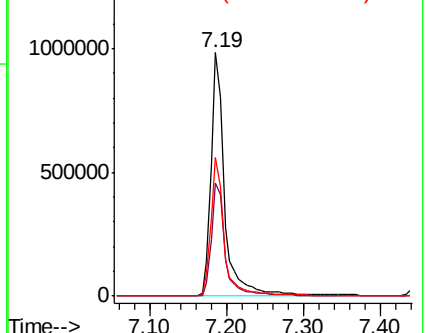
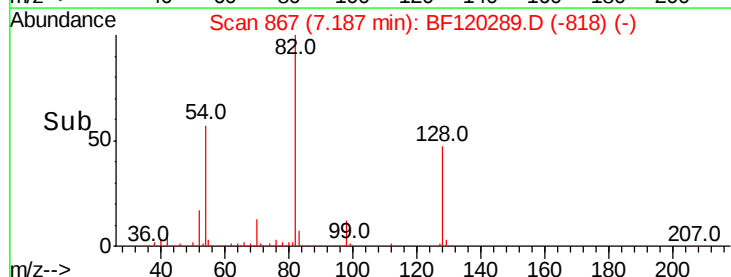
54 57.2 43.9 65.9

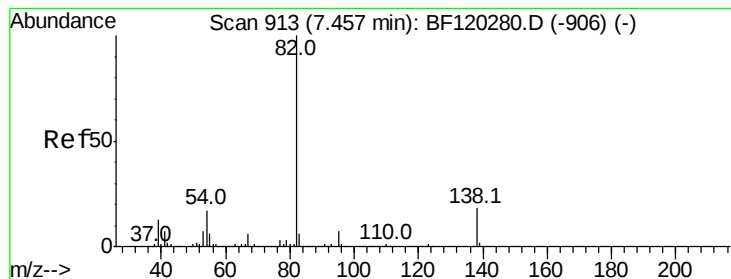


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.283 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.27 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

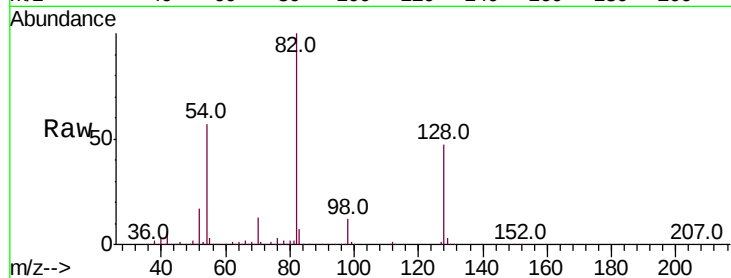
Tot Ion: 82 Resp: 1196209

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

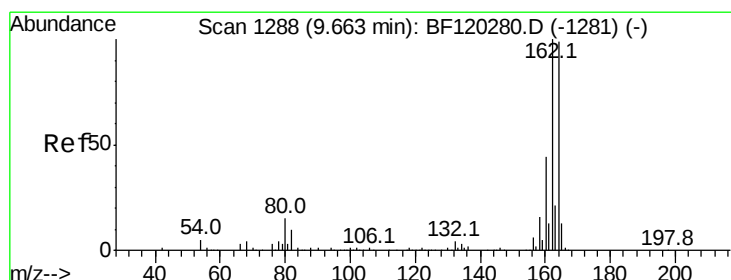
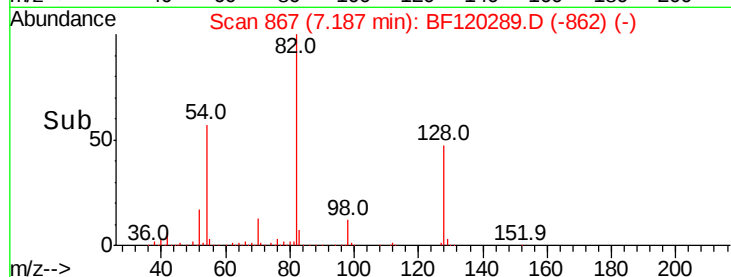
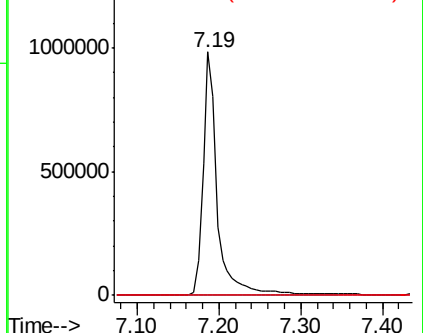
138 0.0 14.7 22.1#



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: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

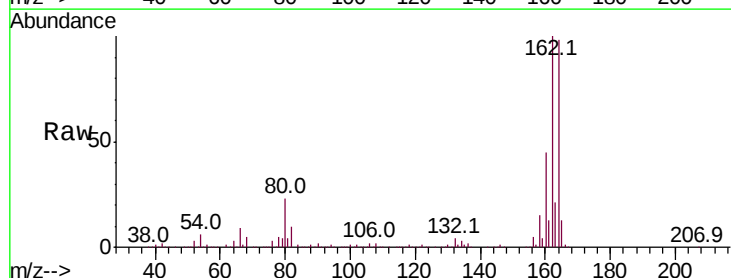
Tgt Ion:164 Resp: 848649

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

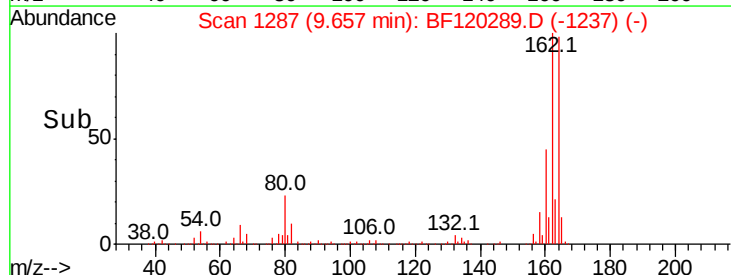
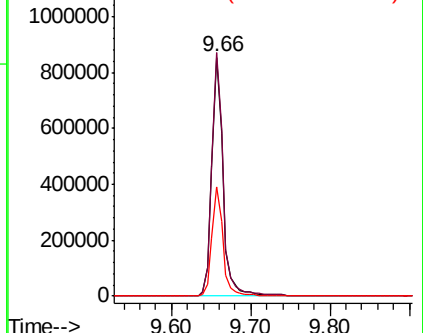
160 45.7 35.8 53.6

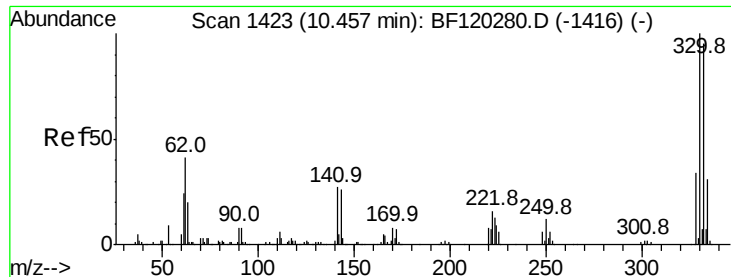


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 12.890 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

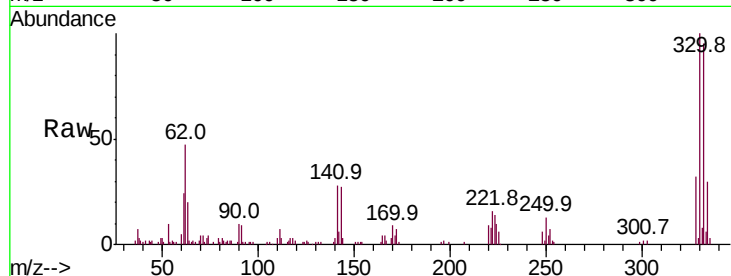
Tot Ion:330 Resp: 89194

Ion Ratio Lower Upper

330 100

332 97.7 76.5 114.7

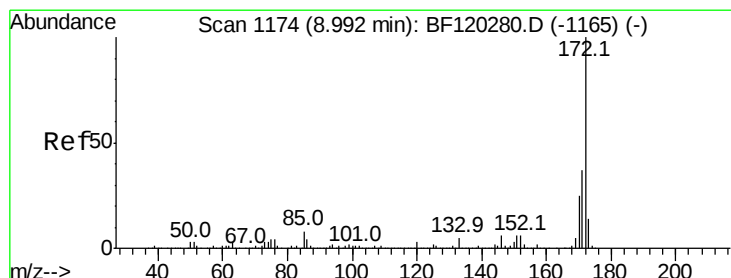
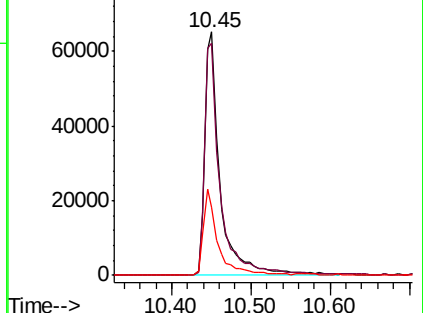
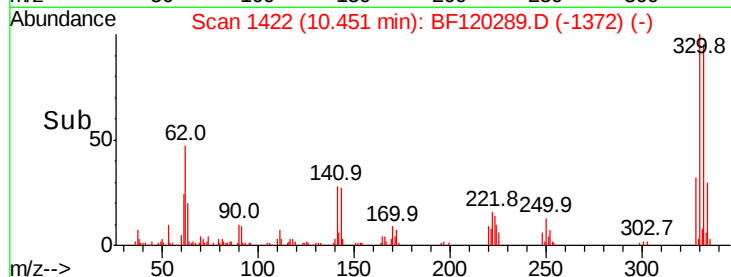
141 33.3 25.4 38.0



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: 61.937 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

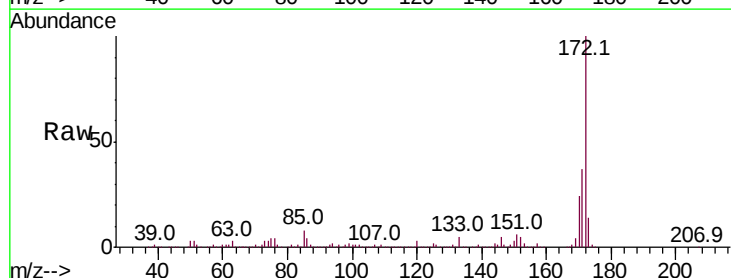
Tgt Ion:172 Resp: 2558451

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

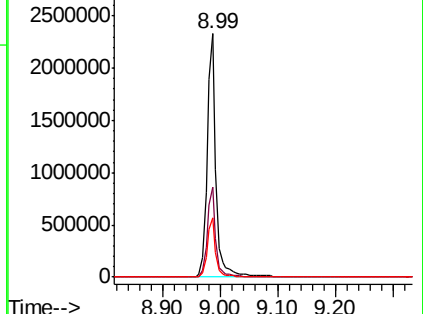
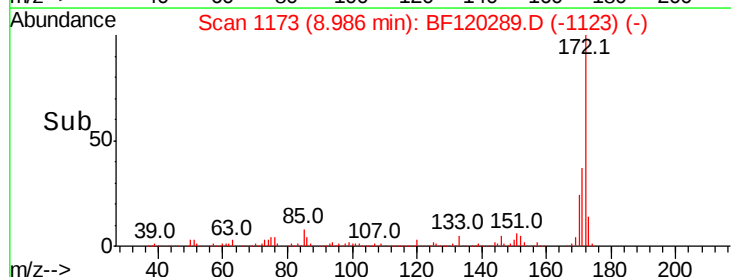
170 24.4 19.9 29.9

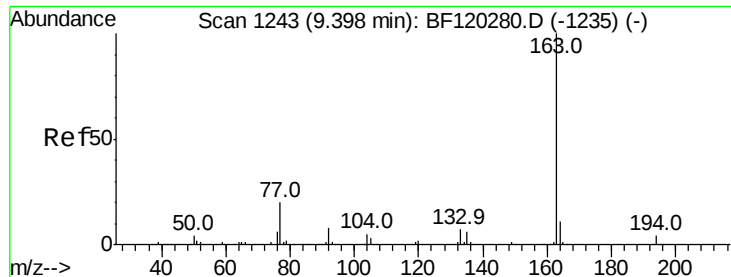


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

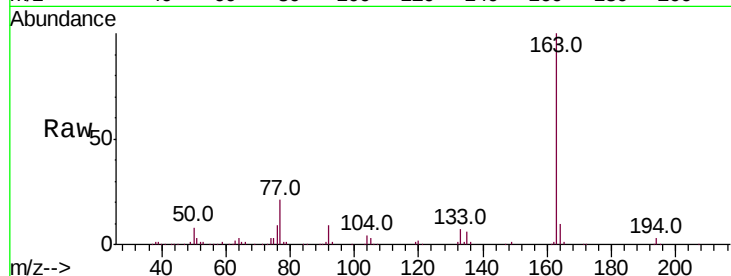




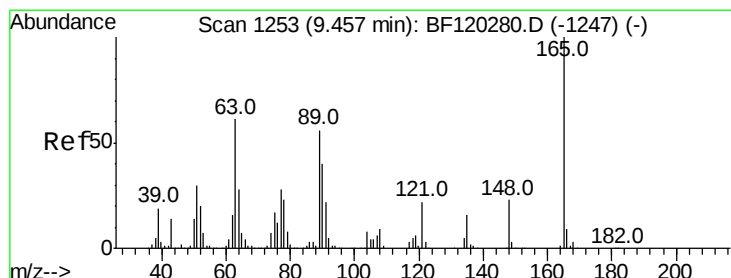
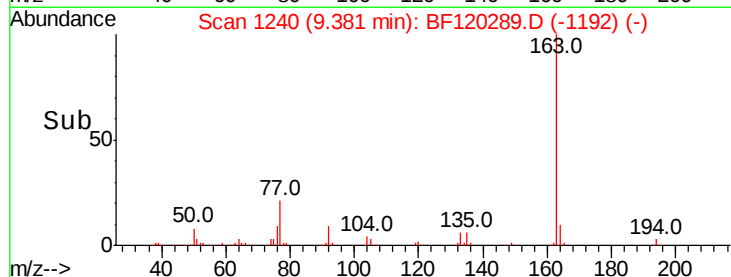
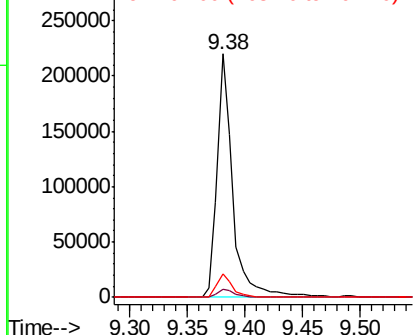
#50
Dimethylphthalate
Concen: 3.880 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF120289.D
Acq: 14 May 2020 14:37

Instrument :
BNA_F
ClientSampleId :
WH-CONCRETE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.1	4.7
164	9.7	8.6	12.8

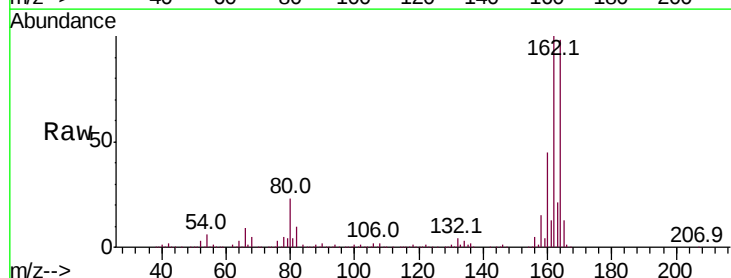


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

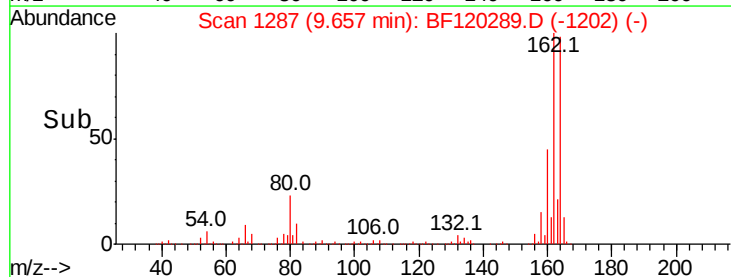
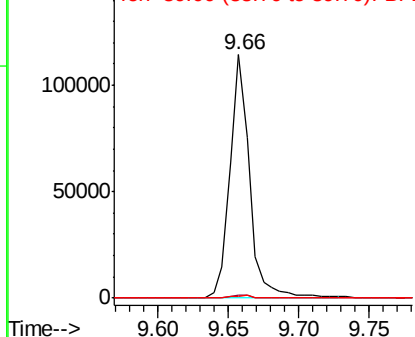


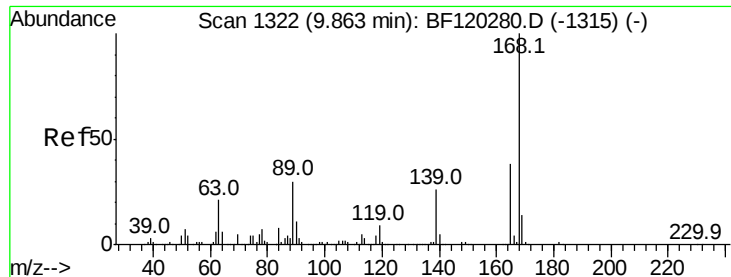
#51
2,6-Dinitrotoluene
Concen: 9.277 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.20 min
Lab File: BF120289.D
Acq: 14 May 2020 14:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.2#
89	0.9	44.6	66.8#



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: 7.957 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.21 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

Instrument :

BNA_F

ClientSampleId :

WH-CONCRETE

Tot Ion:165 Resp: 111763

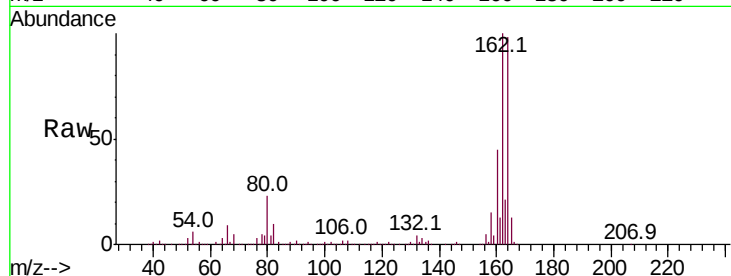
Ion Ratio Lower Upper

165 100

63 1.3 51.8 77.8#

89 0.9 64.2 96.4#

182 0.0 2.0 3.0#

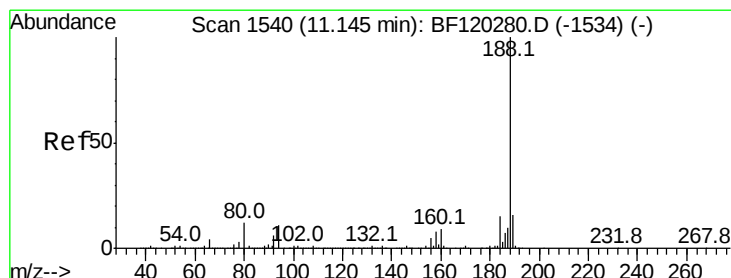
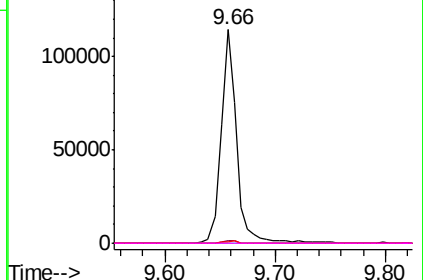
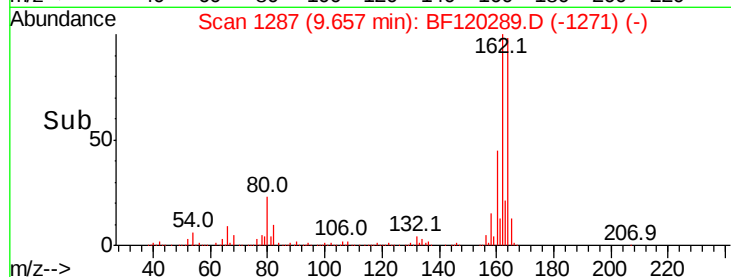


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.14 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BF120289.D

Acq: 14 May 2020 14:37

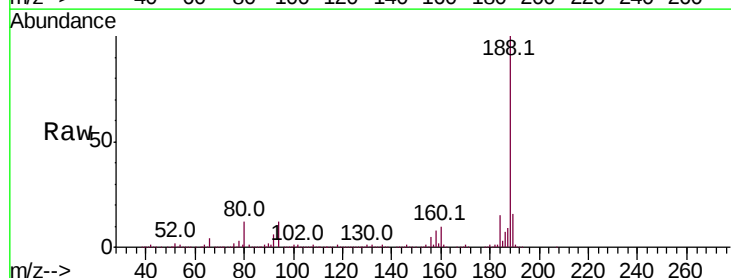
Tgt Ion:188 Resp: 1663311

Ion Ratio Lower Upper

188 100

94 11.8 8.6 13.0

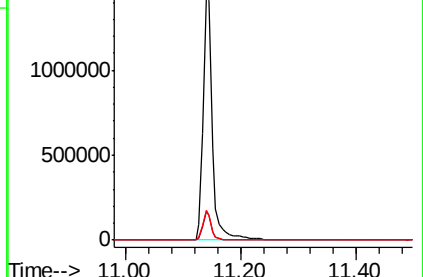
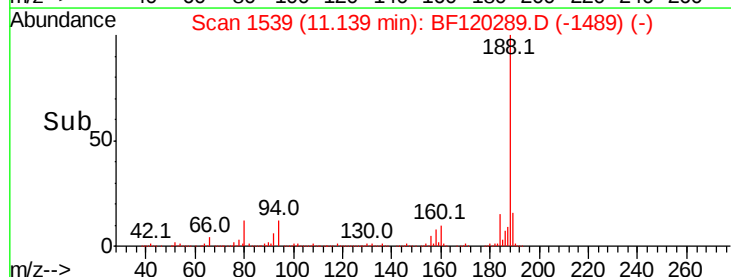
80 12.0 9.2 13.8

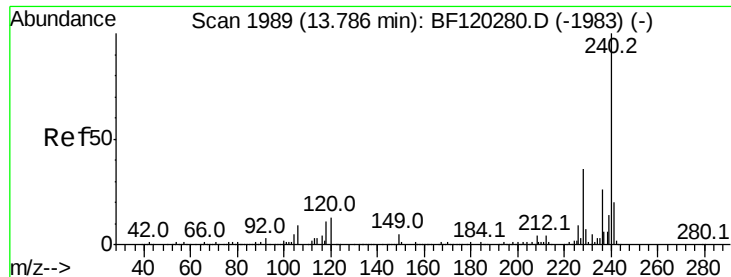


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

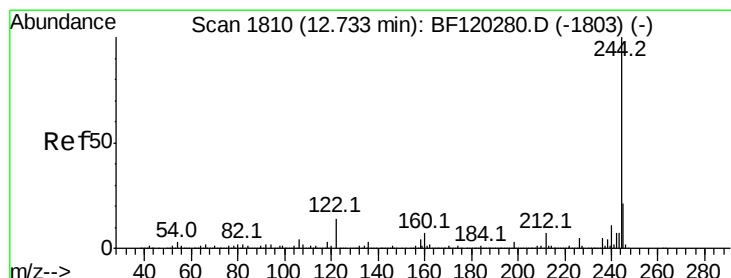
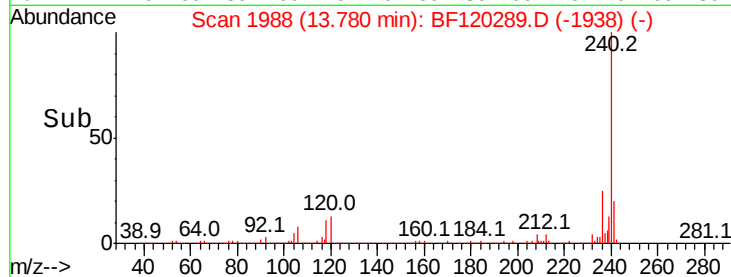
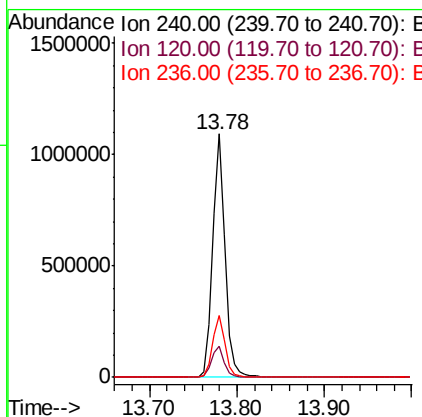
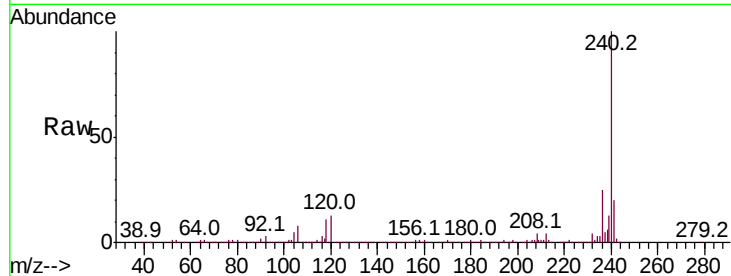




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF120289.D
 Acq: 14 May 2020 14:37

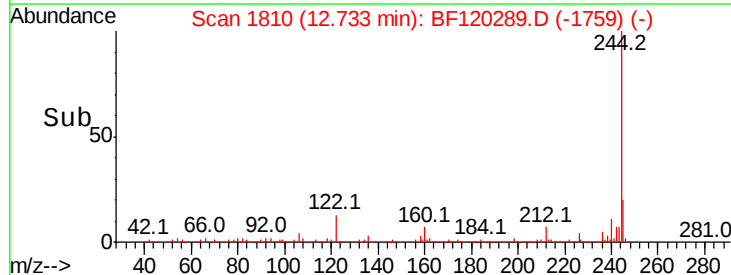
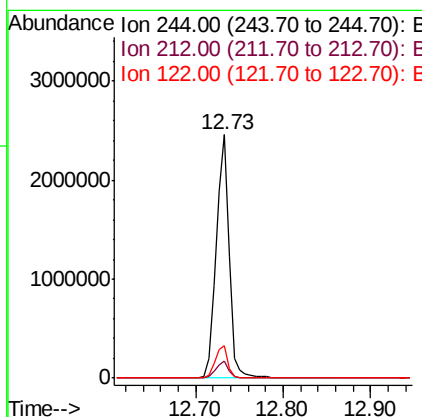
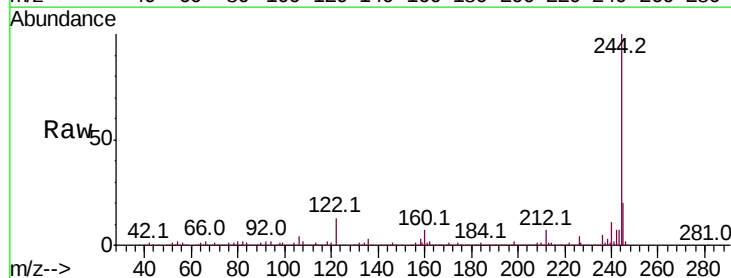
Instrument :
 BNA_F
 ClientSampleId :
 WH-CONCRETE

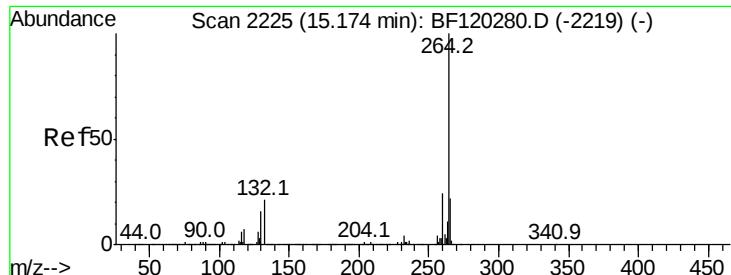
Tot Ion:240 Resp: 1085061
 Ion Ratio Lower Upper
 240 100
 120 12.7 10.4 15.6
 236 25.1 21.0 31.6



#79
 Terphenyl-d14
 Concen: 51.924 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF120289.D
 Acq: 14 May 2020 14:37

Tgt Ion:244 Resp: 2550243
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.2 10.8 16.2

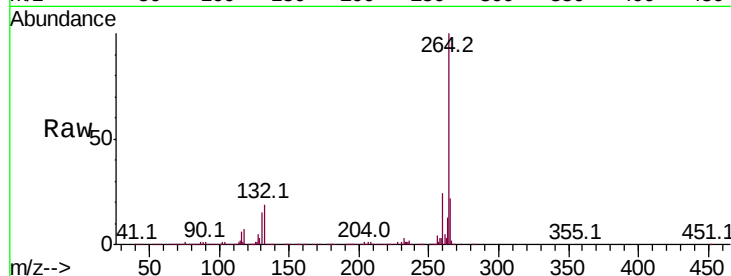




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120289.D
Acq: 14 May 2020 14:37

Instrument :
BNA_F
ClientSampleId :
WH-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.7	17.5	26.3



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

