

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120045.D
 Acq On : 16 Apr 2020 19:20
 Operator : MA/SJ
 Sample : L2230-49 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4-9-2020

Quant Time: Apr 17 01:27:25 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 16 10:48:04 2020
 Response via : Initial Calibration

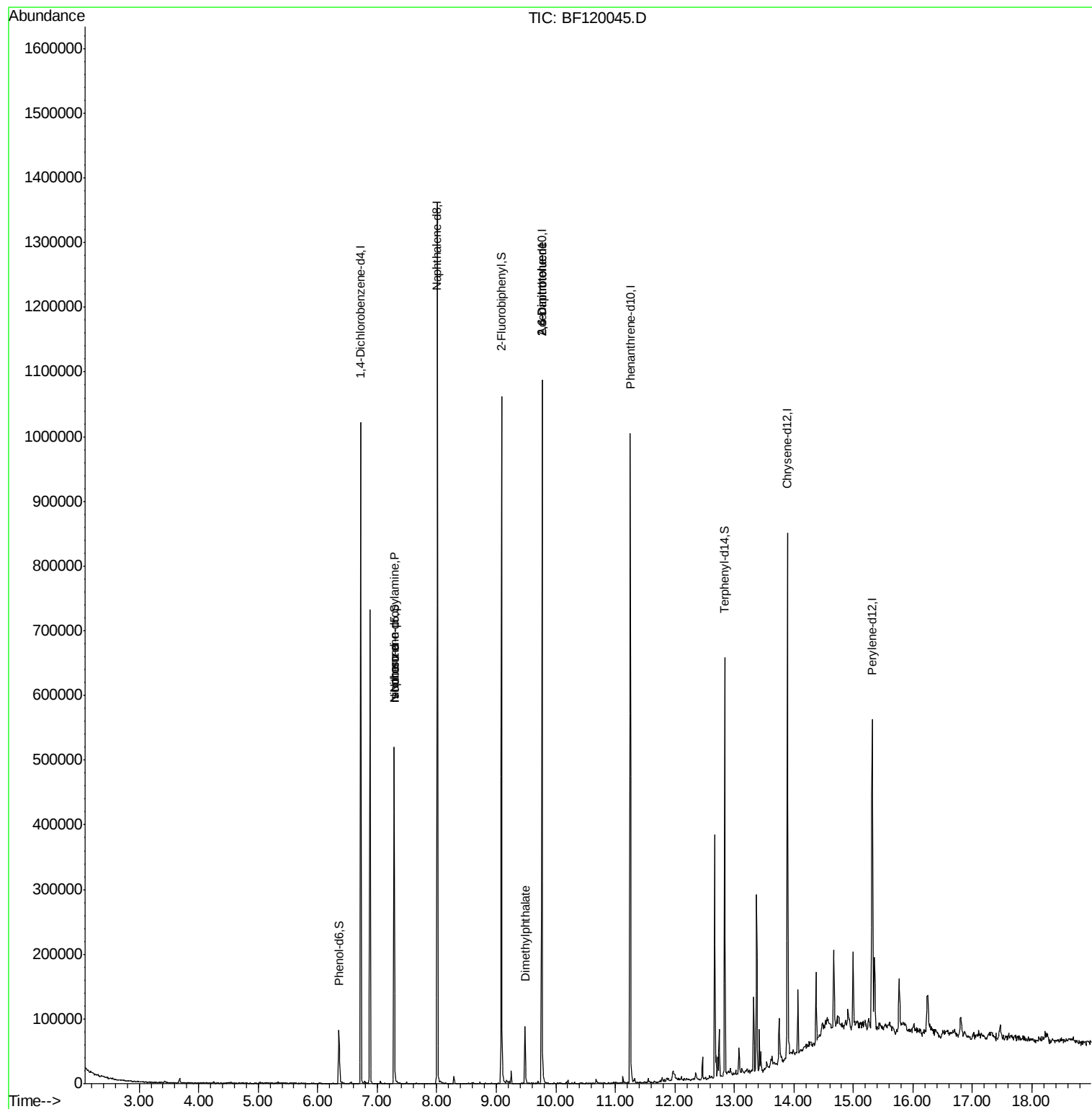
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141488	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	513453	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	224486	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	338301	20.00	ng	0.00
76) Chrysene-d12	13.89	240	261100	20.00	ng	0.00
87) Perylene-d12	15.32	264	206439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	960	0.12	ng	0.01
7) Phenol-d6	6.36	99	29032	2.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	143295	14.44	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.09	172	296045	18.72	ng	0.00
79) Terphenyl-d14	12.84	244	219916	14.17	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	17528	2.584	ng	# 80
25) Isophorone	7.29	82	140439	7.340	ng	# 65
50) Dimethylphthalate	9.49	163	41387	2.384	ng	98
51) 2,6-Dinitrotoluene	9.77	165	28740	7.558	ng	# 20
57) 2,4-Dinitrotoluene	9.77	165	28740	5.737	ng	# 23

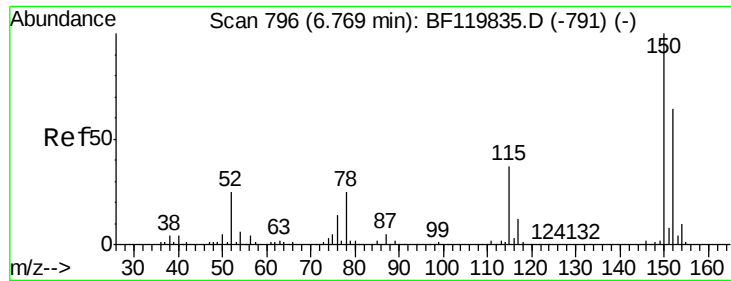
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120045.D
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Misc :
ALS Vial : 53 Sample Multiplier: 1

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Quant Time: Apr 17 01:27:25 2020
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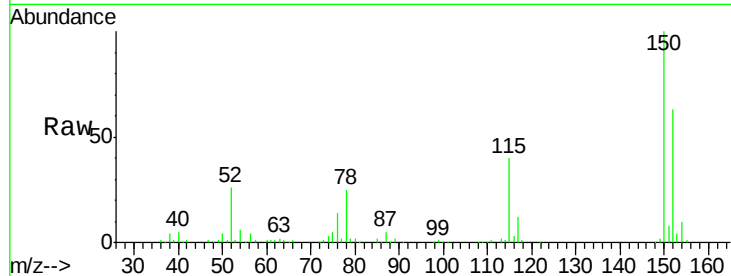


#1

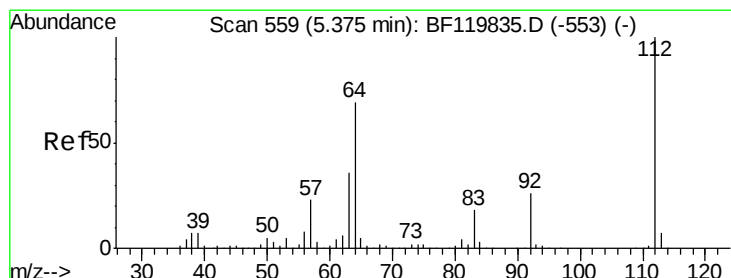
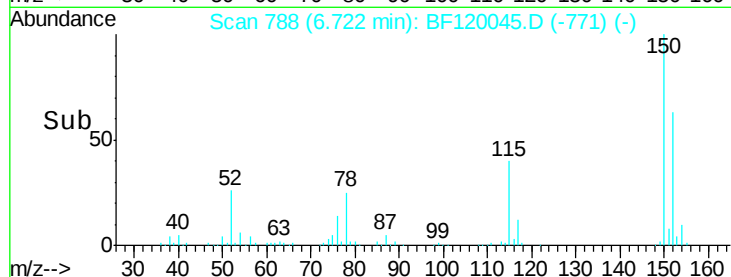
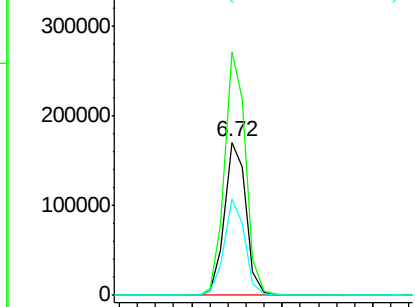
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF120045.D
 Acq: 16 Apr 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-4-9-2020

Tot Ion:152 Resp: 141488
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.8 187.2
 115 63.1 46.5 69.7



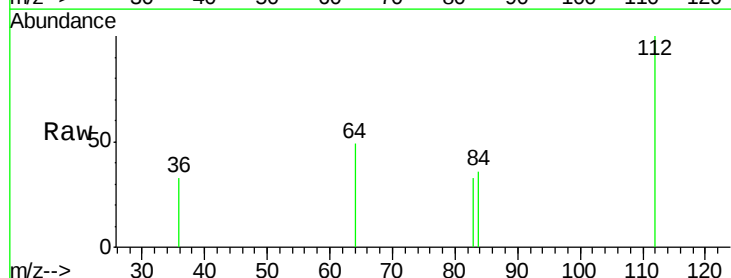
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



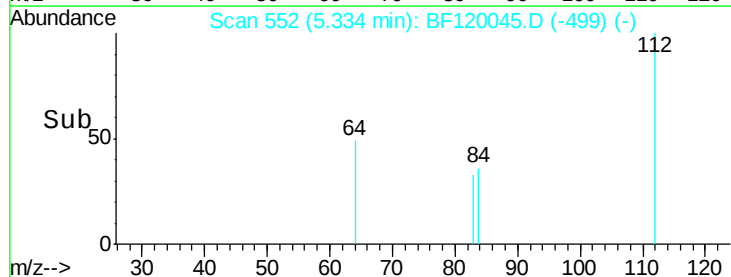
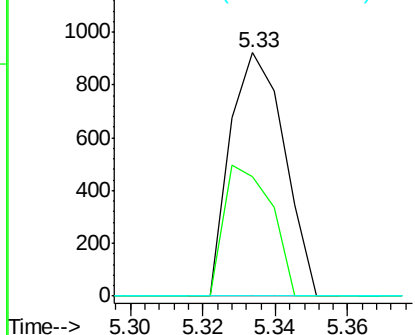
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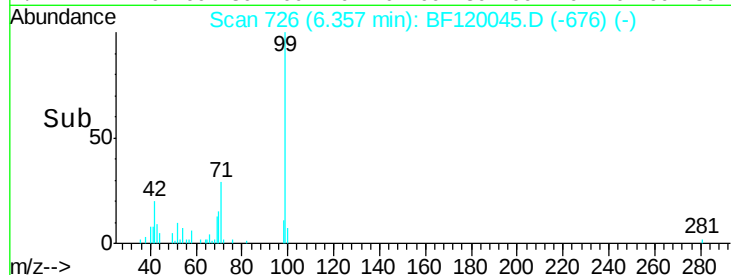
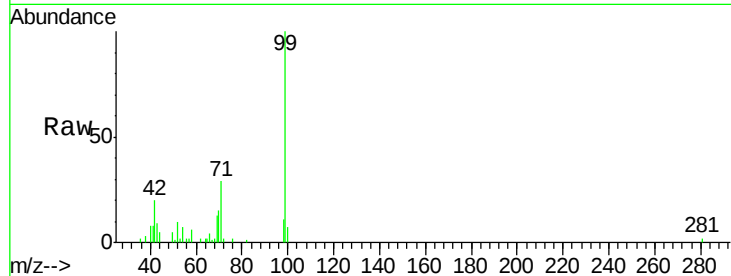
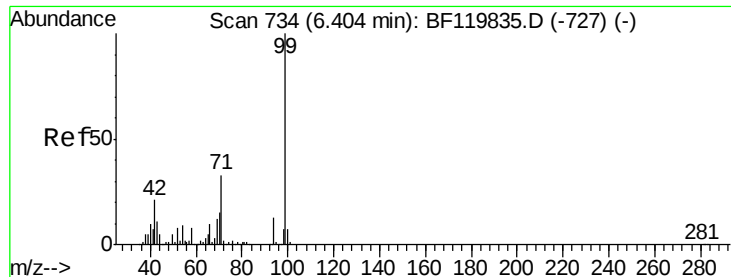
2-Fluorophenol
 Concen: 0.117 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF120045.D
 Acq: 16 Apr 2020 19:20

Tgt Ion:112 Resp: 960
 Ion Ratio Lower Upper
 112 100
 64 49.0 55.5 83.3#
 63 0.0 29.1 43.7#



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: 2.752 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120045.D

Acq: 16 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4-9-2020

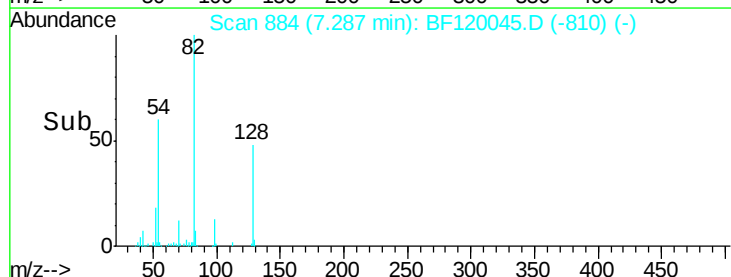
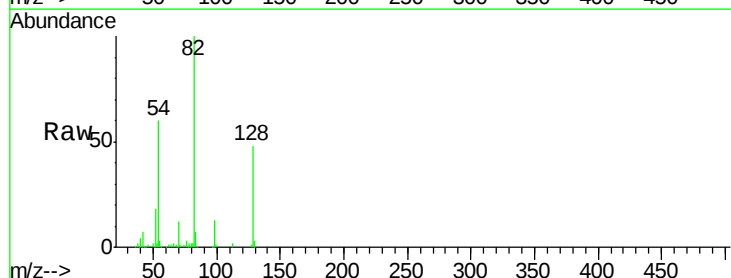
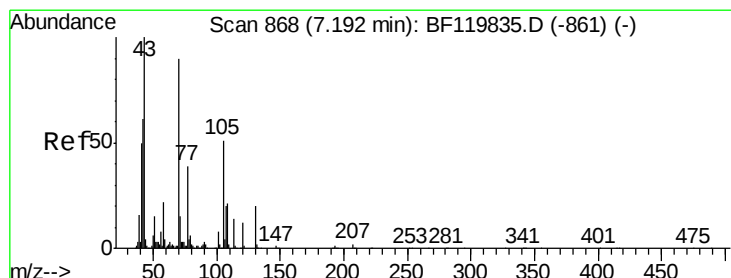
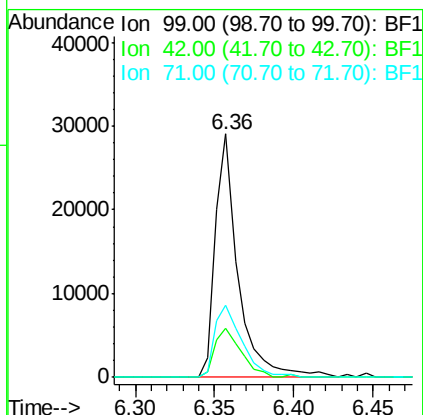
Tot Ion: 99 Resp: 29032

Ion Ratio Lower Upper

99 100

42 20.1 16.9 25.3

71 29.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.584 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF120045.D

Acq: 16 Apr 2020 19:20

Tgt Ion: 70 Resp: 17528

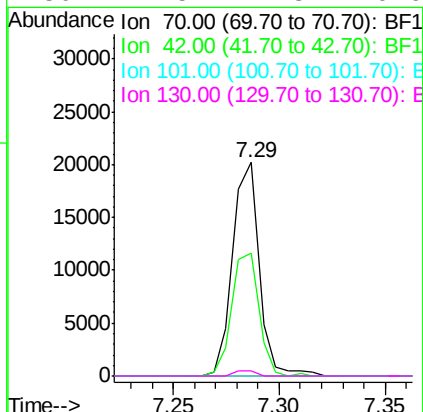
Ion Ratio Lower Upper

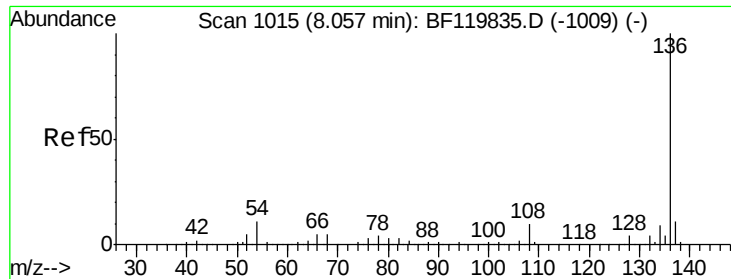
70 100

42 57.6 54.2 81.4

101 0.0 7.4 11.2#

130 2.5 17.8 26.6#

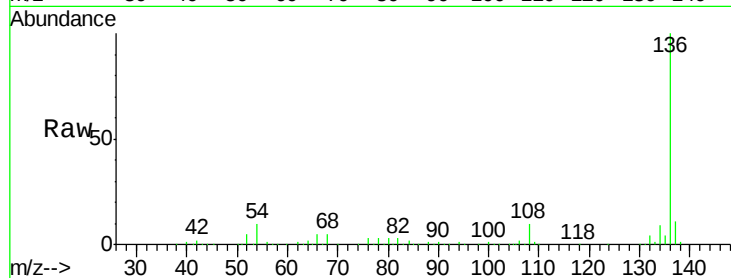




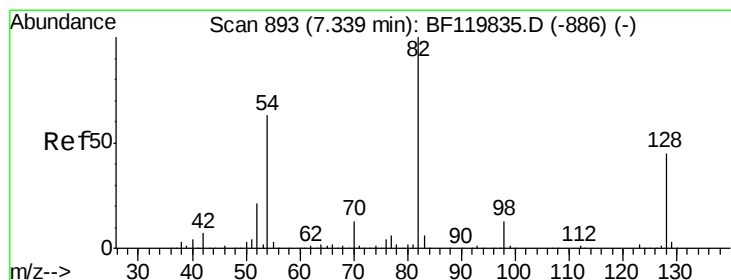
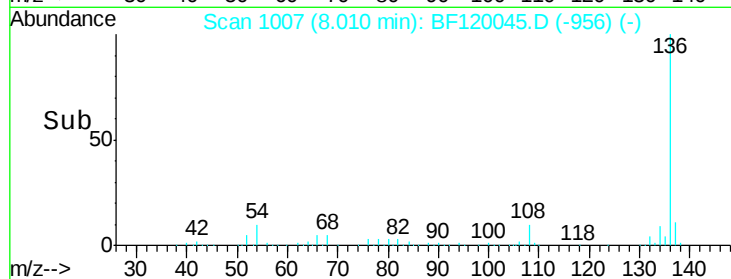
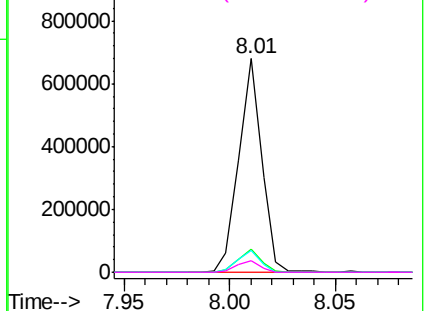
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF120045.D
Acq: 16 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
CONCRETE-4-9-2020

Tot Ion:136	Resp:	513453
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.2	8.5 12.7
68	5.3	3.9 5.9

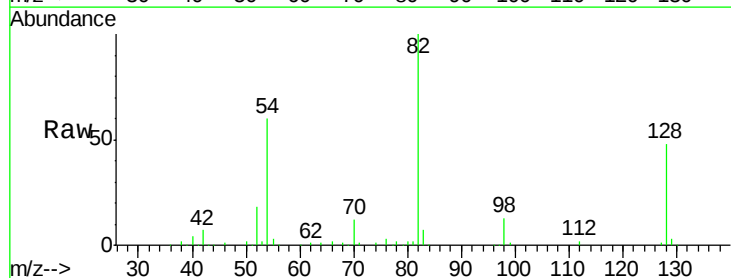


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

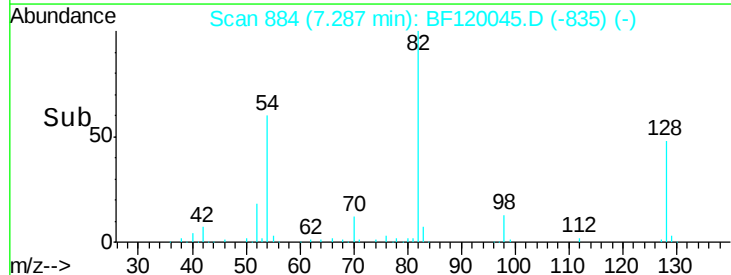
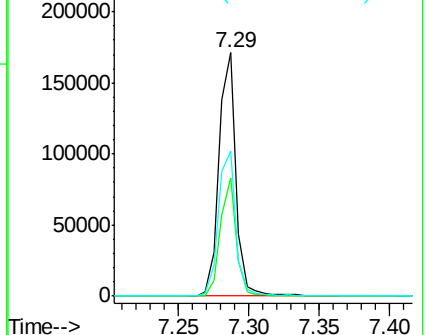


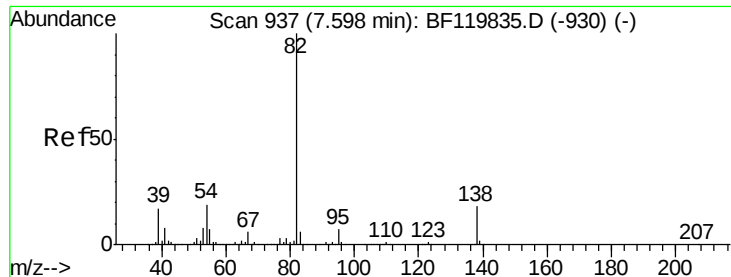
#23
Nitrobenzene-d5
Concen: 14.438 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120045.D
Acq: 16 Apr 2020 19:20

Tgt Ion: 82	Resp:	143295
Ion Ratio	Lower	Upper
82	100	
128	48.3	36.2 54.4
54	59.5	50.4 75.6



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: 7.340 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF120045.D

Acq: 16 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4-9-2020

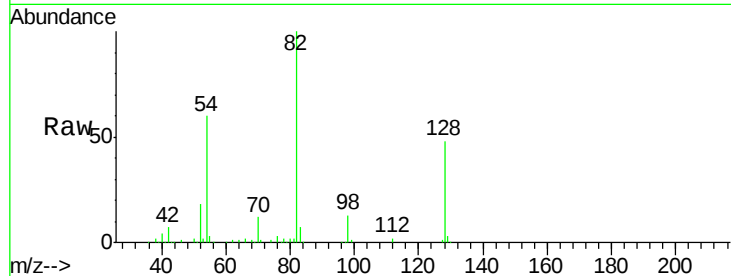
Tot Ion: 82 Resp: 140439

Ion Ratio Lower Upper

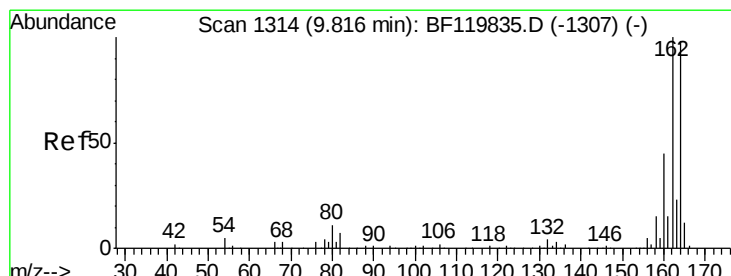
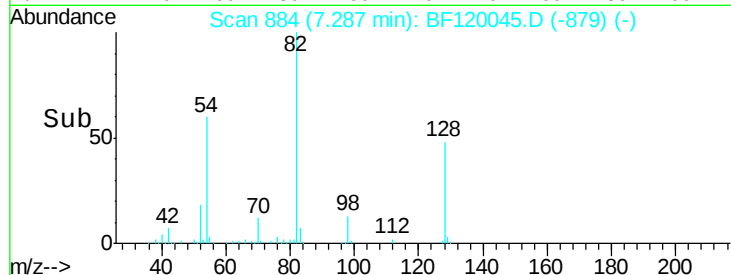
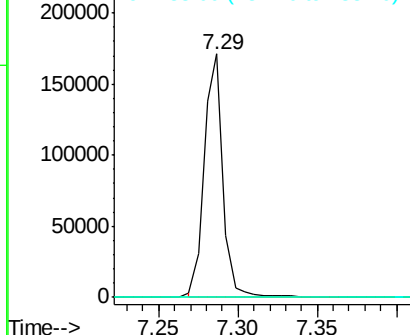
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF120045.D

Acq: 16 Apr 2020 19:20

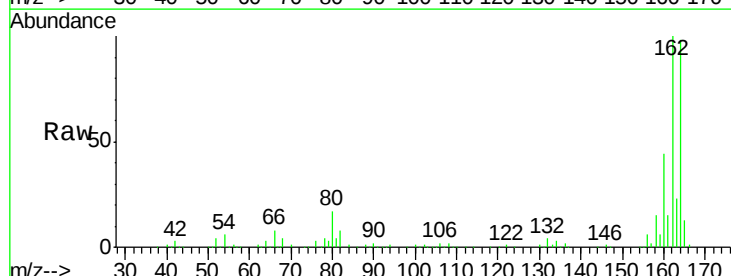
Tgt Ion:164 Resp: 224486

Ion Ratio Lower Upper

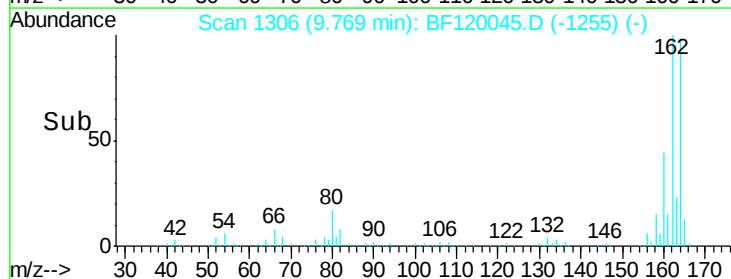
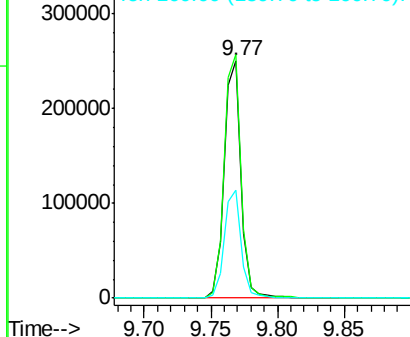
164 100

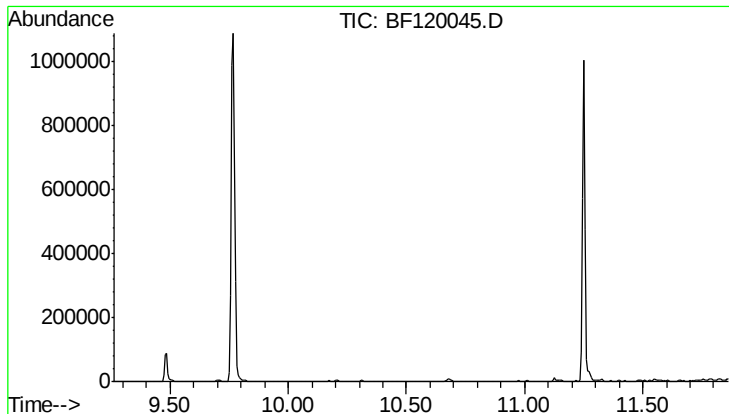
162 102.5 81.9 122.9

160 45.2 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

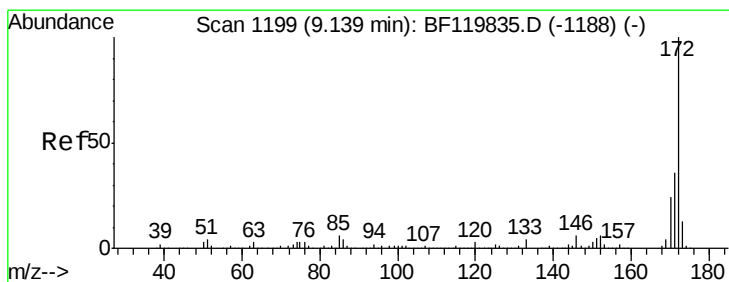
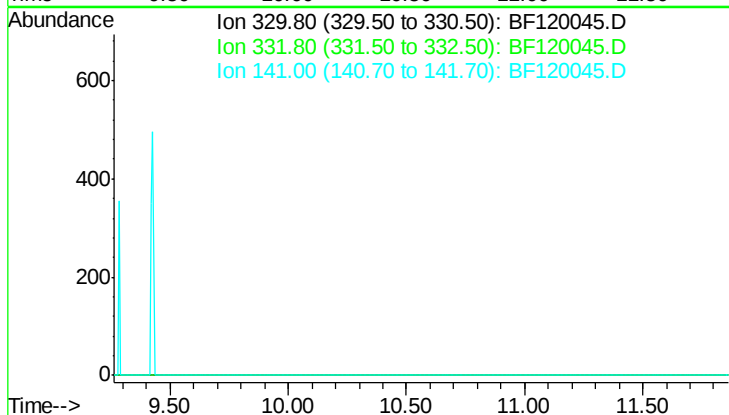




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.56 min
 Lab File: BF120045.D
 Acq: 16 Apr 2020 19:20

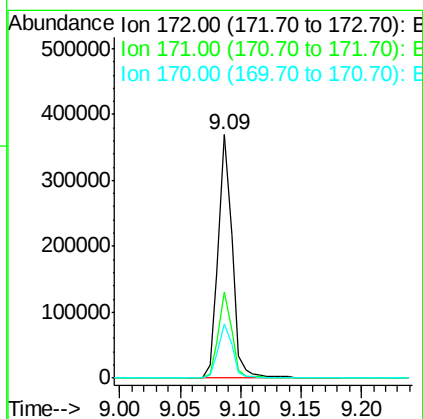
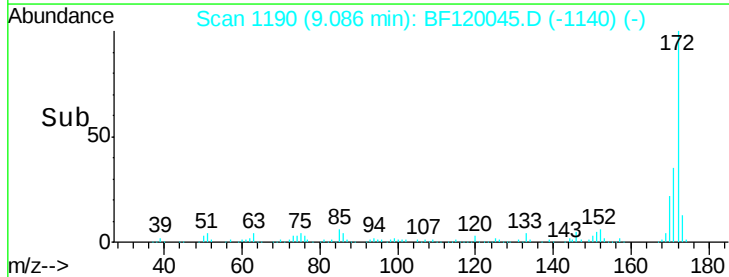
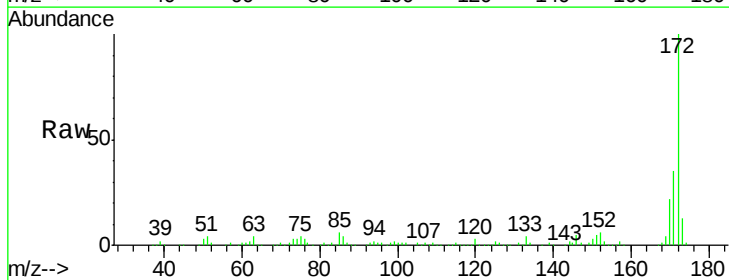
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 CONCRETE-4-9-2020

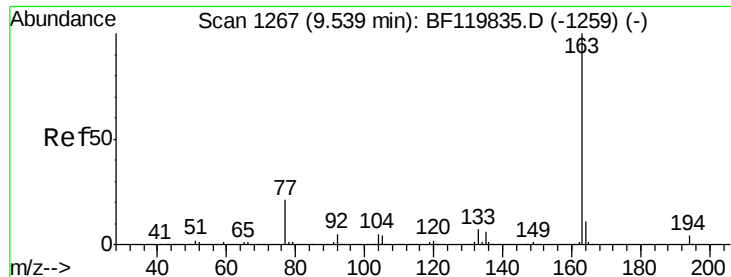
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 31.4



#45
 2-Fluorobiphenyl
 Concen: 18.724 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120045.D
 Acq: 16 Apr 2020 19:20

Tgt Ion: 172 Resp: 296045
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 22.4 19.4 29.2





#50

Dimethylphthalate

Concen: 2.384 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120045.D

Acq: 16 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4-9-2020

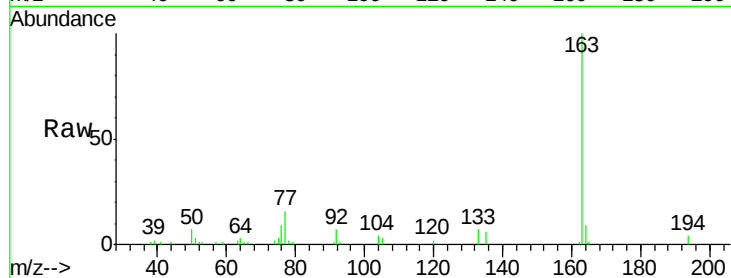
Tot Ion:163 Resp: 41387

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

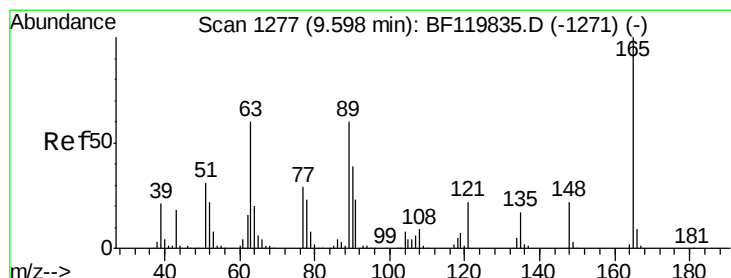
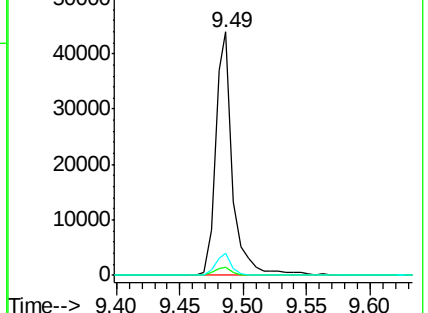
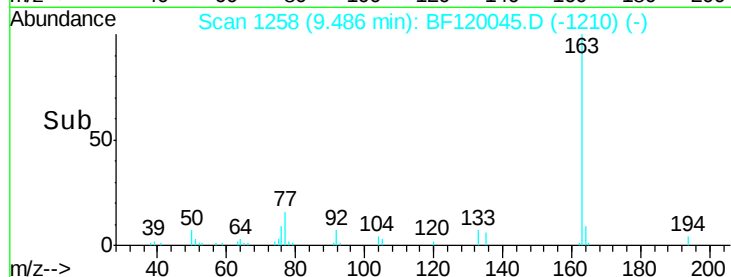
164 9.4 8.4 12.6



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: 7.558 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.21 min

Lab File: BF120045.D

Acq: 16 Apr 2020 19:20

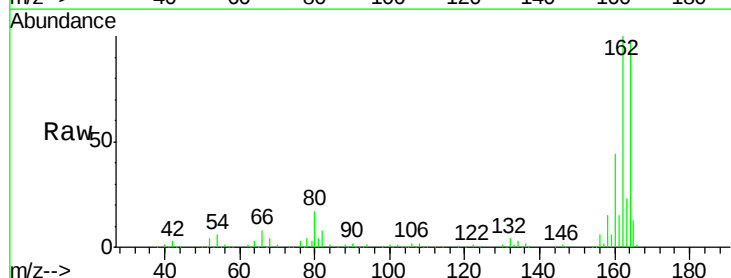
Tgt Ion:165 Resp: 28740

Ion Ratio Lower Upper

165 100

63 1.9 55.6 83.4#

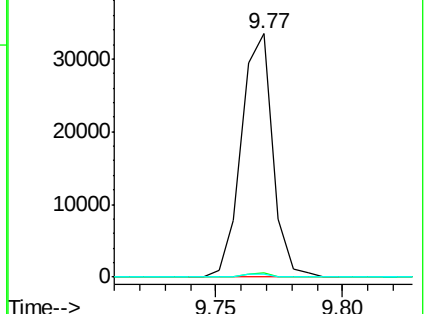
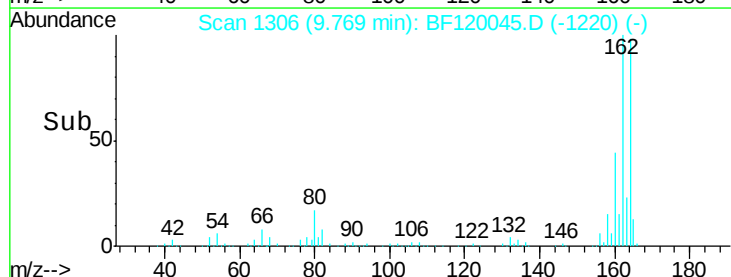
89 1.5 47.9 71.9#

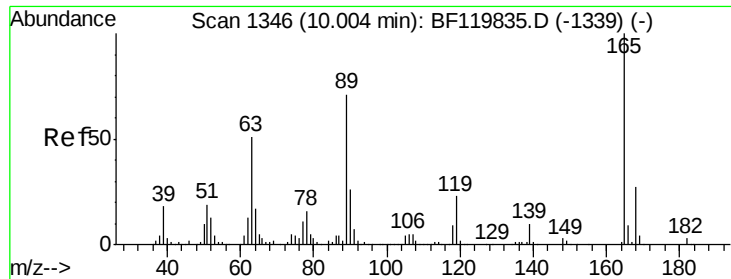


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

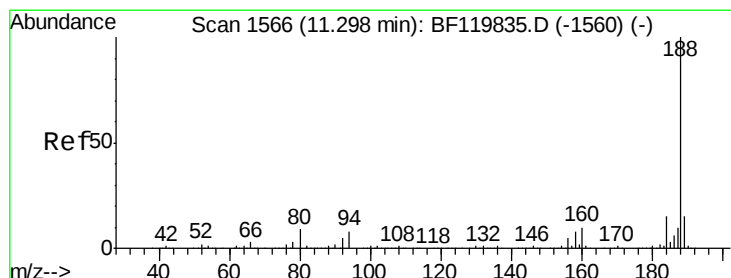
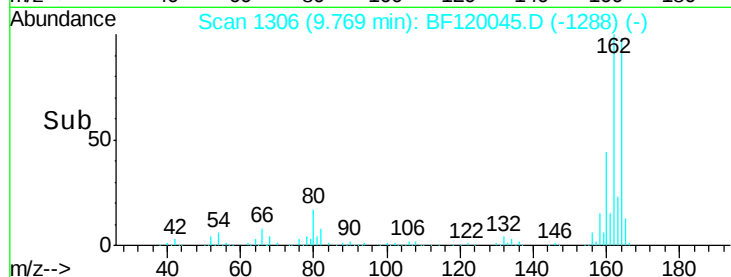
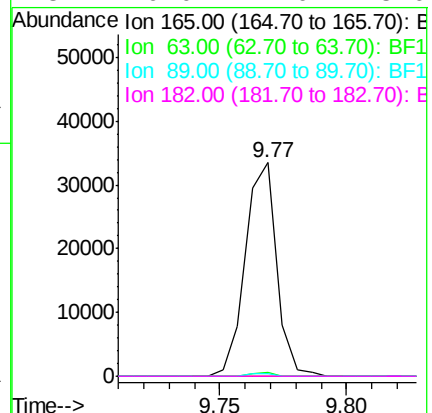
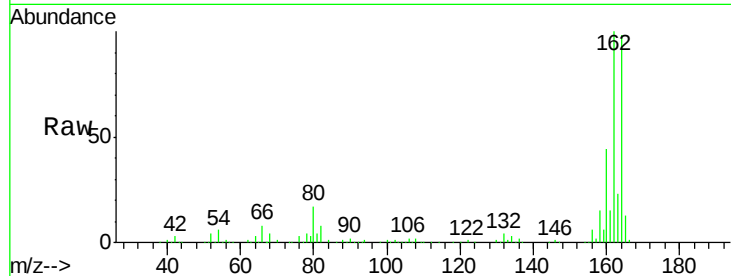




#57
 2,4-Dinitrotoluene
 Concen: 5.737 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.19 min
 Lab File: BF120045.D
 Acq: 16 Apr 2020 19:20

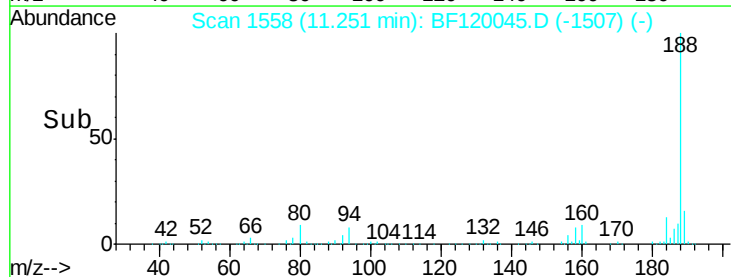
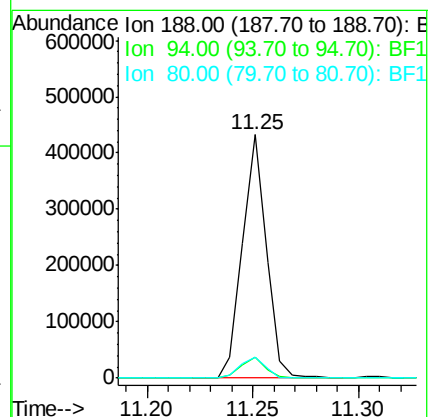
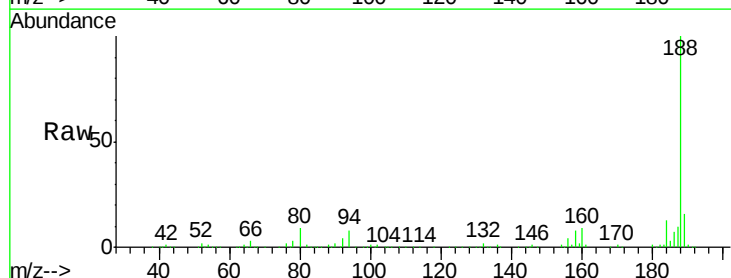
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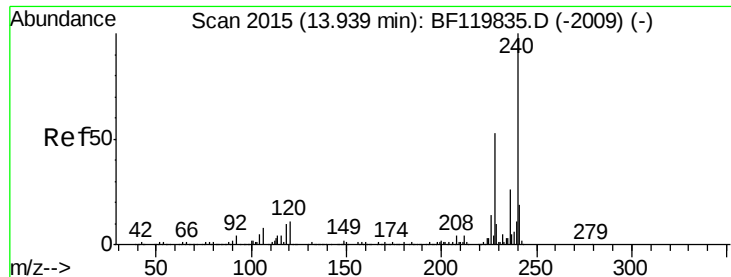
Tot Ion:165	Resp:	28740
Ion Ratio	Lower	Upper
165	100	
63	1.9	40.8 61.2#
89	1.5	56.9 85.3#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF120045.D
 Acq: 16 Apr 2020 19:20

Tgt Ion:188	Resp:	338301
Ion Ratio	Lower	Upper
188	100	
94	8.3	6.7 10.1
80	8.8	7.4 11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120045.D

Acq: 16 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

CONCRETE-4-9-2020

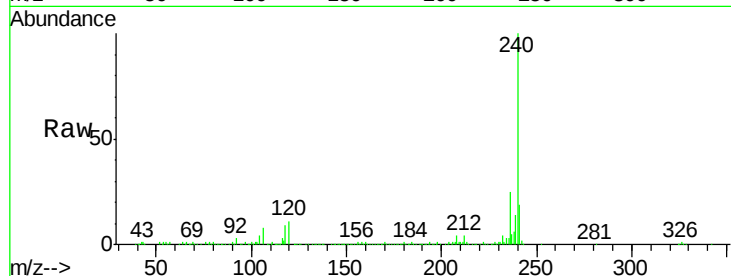
Tot Ion:240 Resp: 261100

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

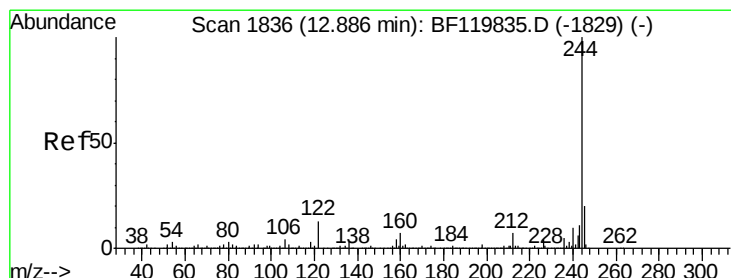
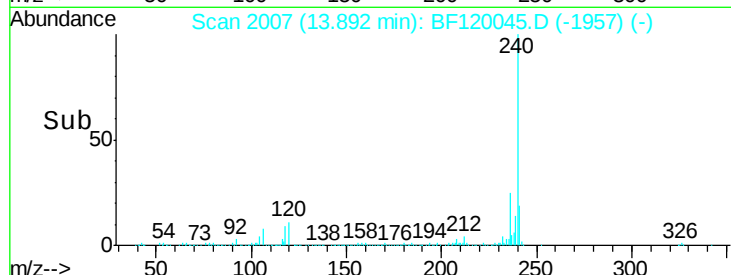
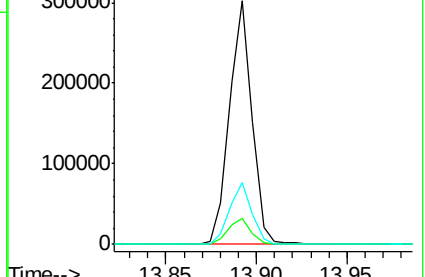
236 25.4 20.7 31.1



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: 14.172 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF120045.D

Acq: 16 Apr 2020 19:20

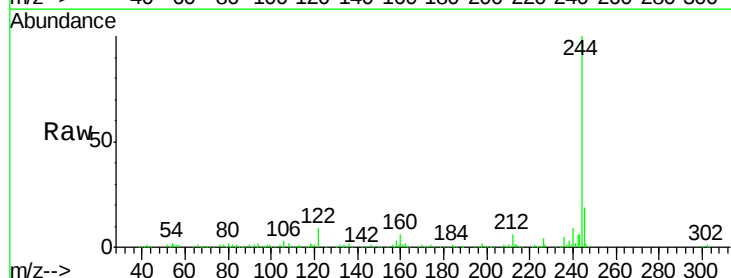
Tgt Ion:244 Resp: 219916

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

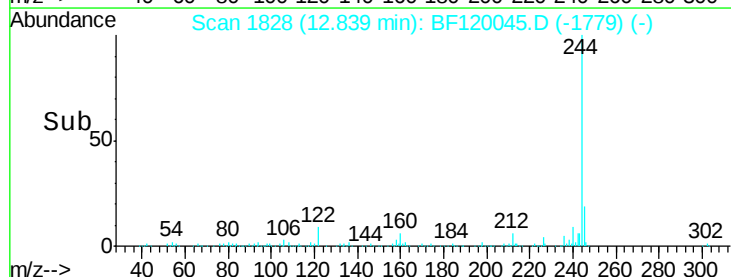
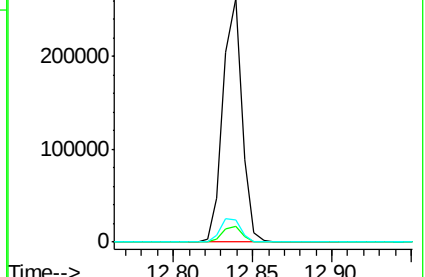
122 9.2 10.3 15.5#

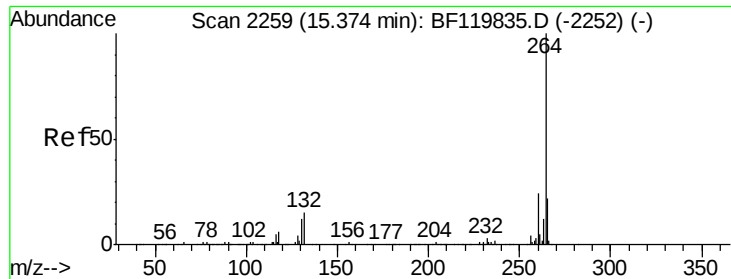


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF120045.D
Acq: 16 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
CONCRETE-4-9-2020

Tot Ion: 264 Resp: 206439

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	23.1	17.6	26.4

