

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114330.D
 Acq On : 17 May 2019 1:30
 Operator : JU/SJ
 Sample : K2867-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-F

Quant Time: May 17 08:00:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

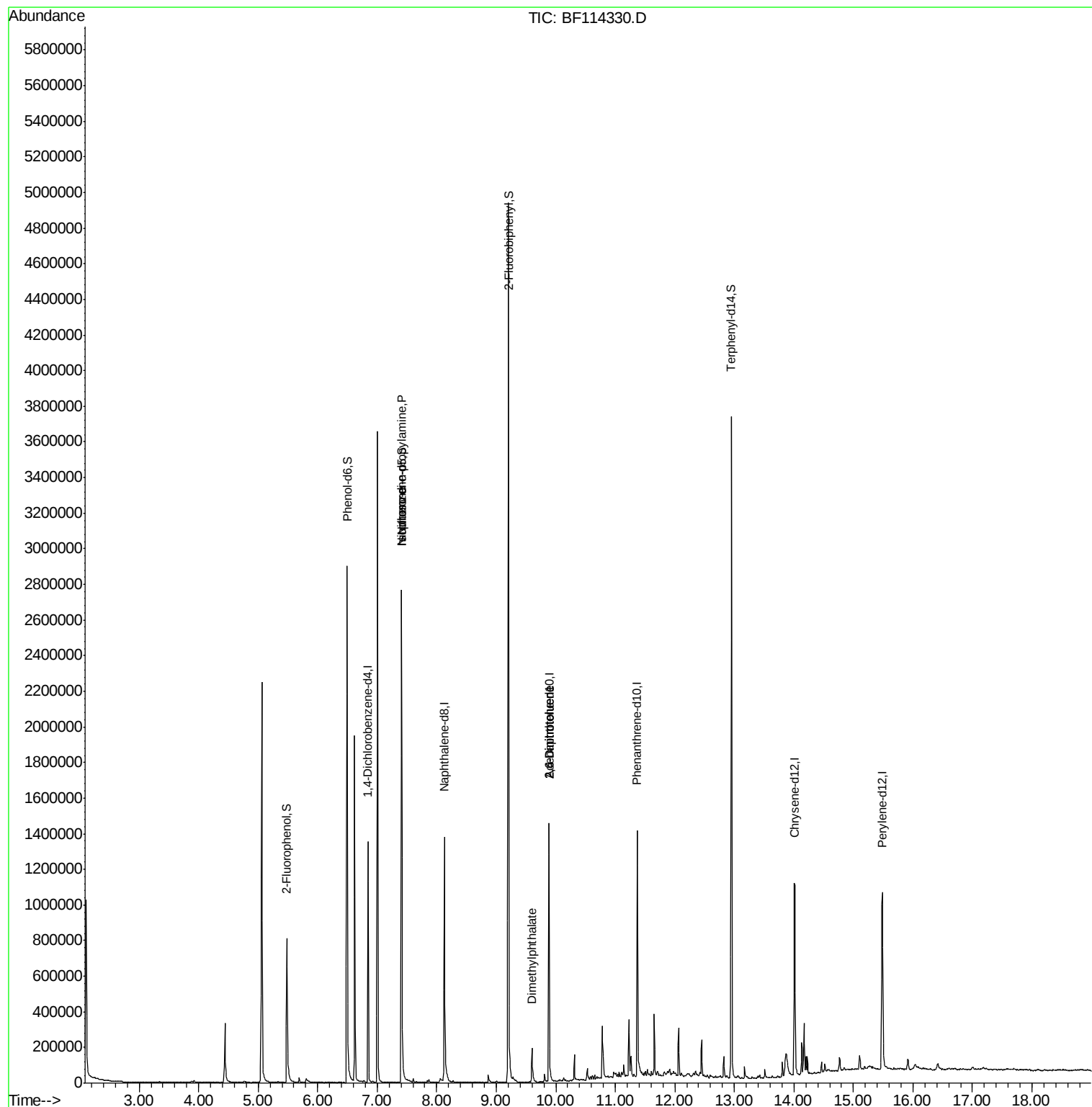
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	194538	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	734009	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	321344	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	570929	20.00	ng	0.00
76) Chrysene-d12	14.01	240	419346	20.00	ng	-0.01
87) Perylene-d12	15.49	264	484988	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	270064	22.34	ng	0.00
7) Phenol-d6	6.49	99	1035811	72.45	ng	0.00
23) Nitrobenzene-d5	7.41	82	882440	67.47	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	2710	0.82	ng	0.01
45) 2-Fluorobiphenyl	9.20	172	1551427	73.03	ng	0.00
79) Terphenyl-d14	12.95	244	1265002	62.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	113950	12.574	ng	# 74
25) Isophorone	7.41	82	882435	36.379	ng	# 64
50) Dimethylphthalate	9.60	163	112470	4.768	ng	99
51) 2,6-Dinitrotoluene	9.89	165	40395	7.721	ng	# 22
57) 2,4-Dinitrotoluene	9.89	165	40395	5.688	ng	# 25

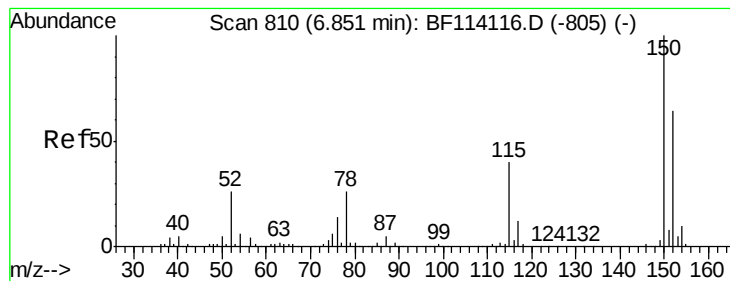
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
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Misc :
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Quant Time: May 17 08:00:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114330.D

Acq: 17 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-F

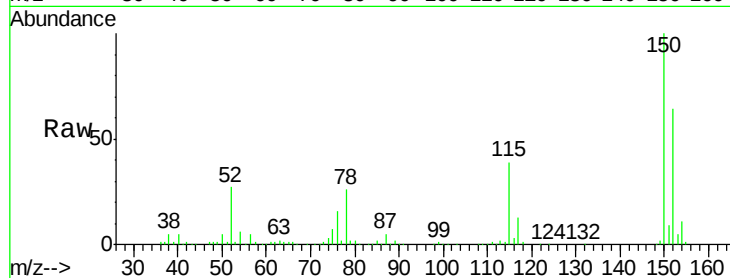
Tot Ion:152 Resp: 194538

Ion Ratio Lower Upper

152 100

150 156.3 124.3 186.5

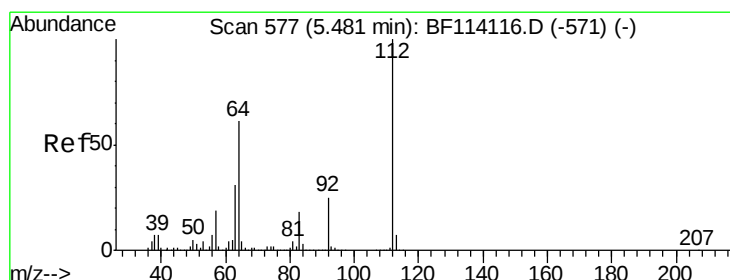
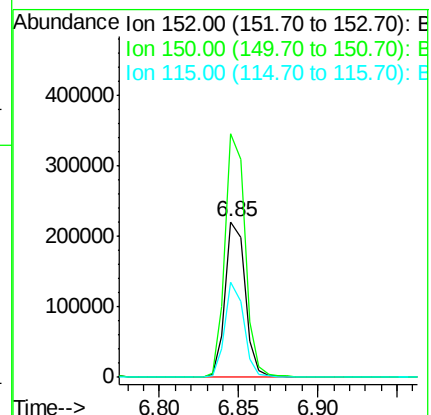
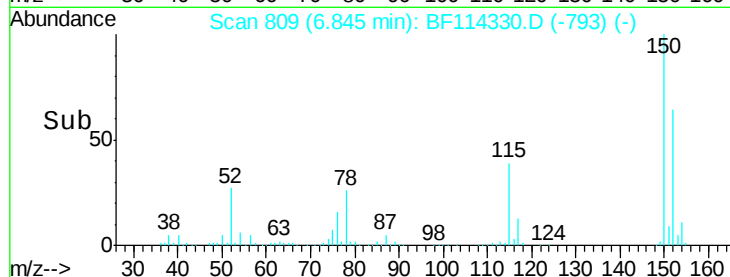
115 61.4 49.1 73.7



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



#5

2-Fluorophenol

Concen: 22.340 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114330.D

Acq: 17 May 2019 1:30

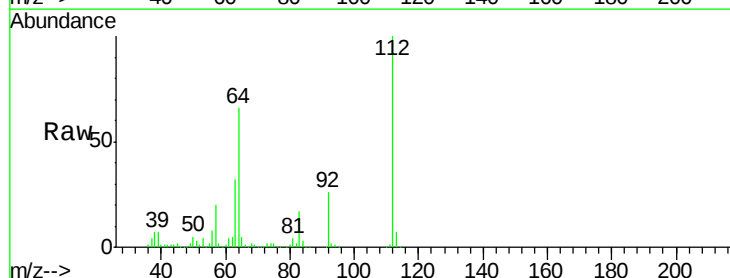
Tgt Ion:112 Resp: 270064

Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

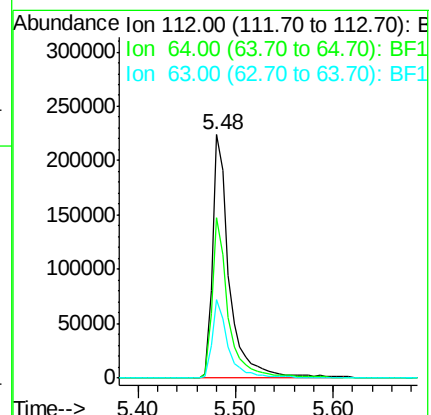
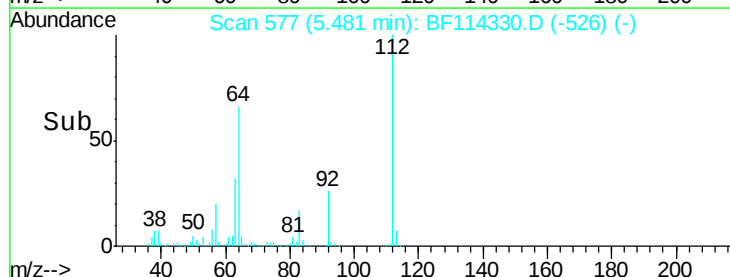
63 32.1 24.6 37.0

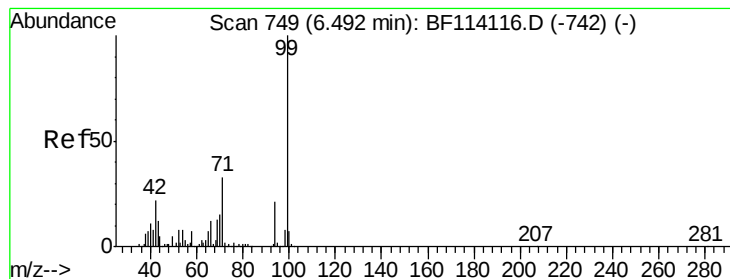


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 72.446 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114330.D

Acq: 17 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-F

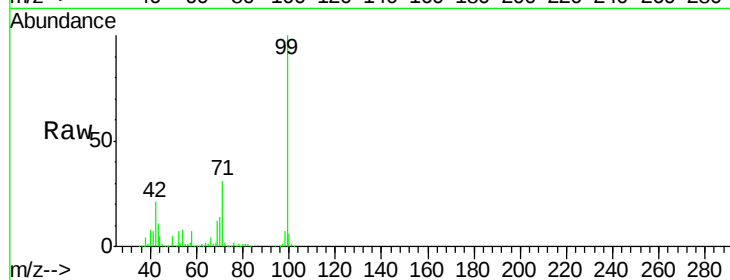
Tot Ion: 99 Resp: 1035811

Ion Ratio Lower Upper

99 100

42 20.7 17.9 26.9

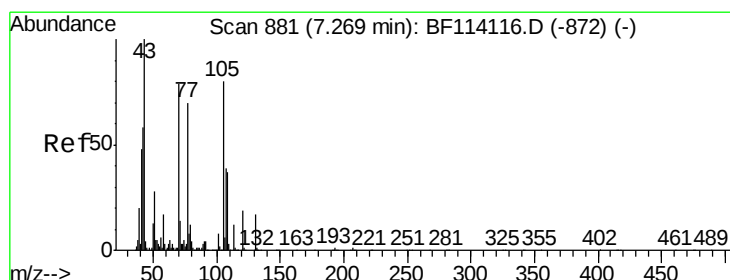
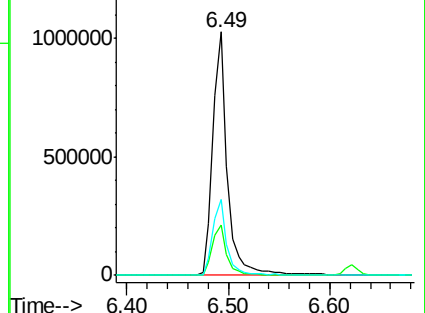
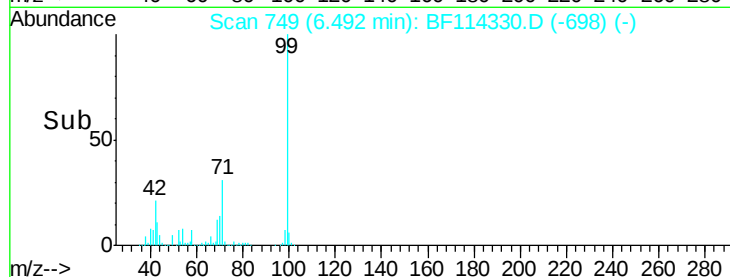
71 31.0 26.2 39.2



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: 12.574 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114330.D

Acq: 17 May 2019 1:30

Tgt Ion: 70 Resp: 113950

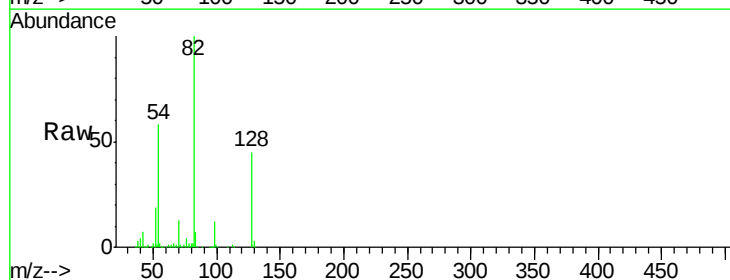
Ion Ratio Lower Upper

70 100

42 55.4 58.6 87.8#

101 0.0 7.8 11.8#

130 1.6 17.1 25.7#

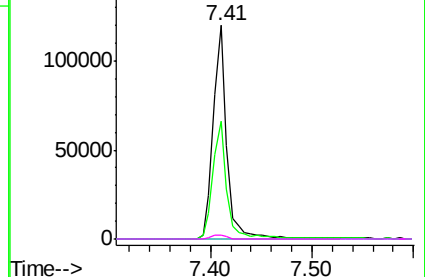
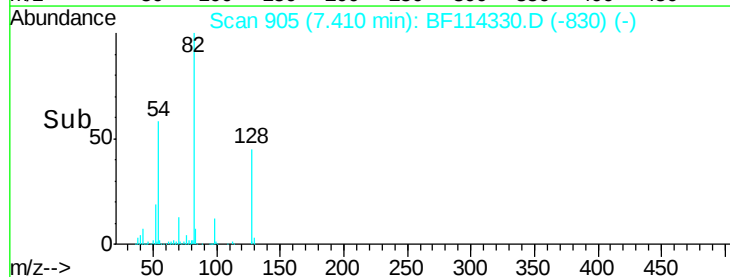


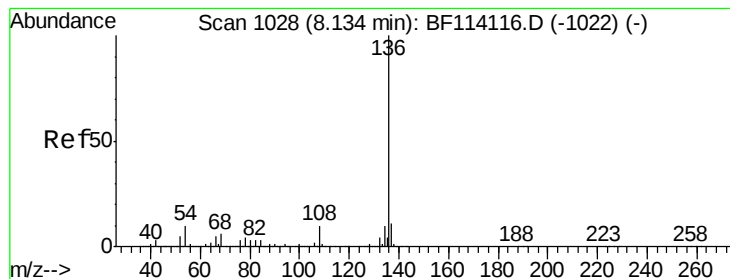
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114330.D

Acq: 17 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-F

Tot Ion:136 Resp: 734009

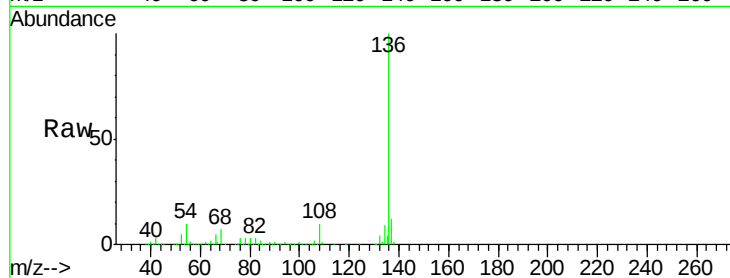
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.5 7.8 11.8

68 6.9 5.1 7.7

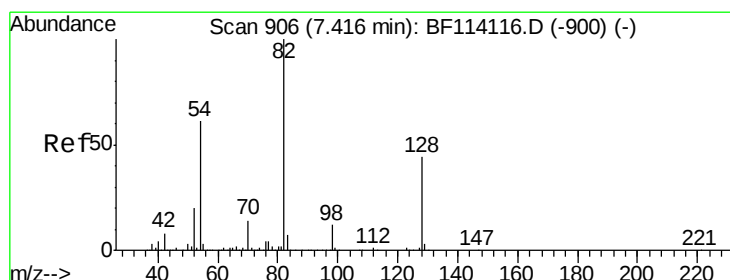
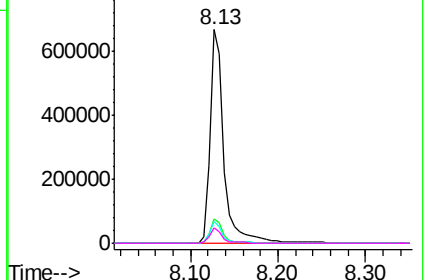
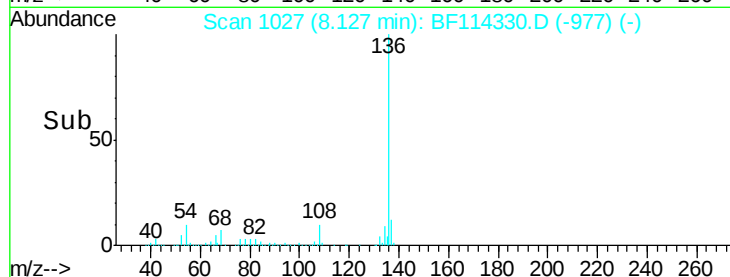


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.469 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114330.D

Acq: 17 May 2019 1:30

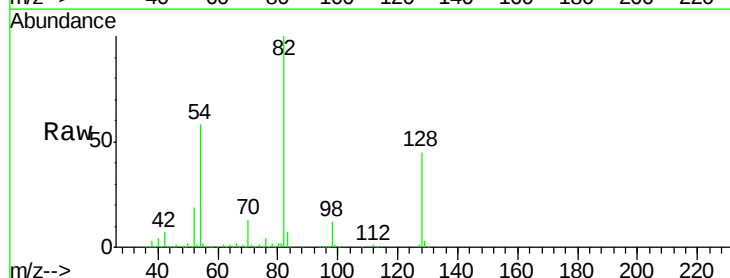
Tgt Ion: 82 Resp: 882440

Ion Ratio Lower Upper

82 100

128 44.9 35.5 53.3

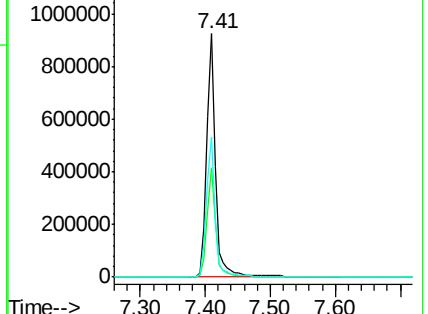
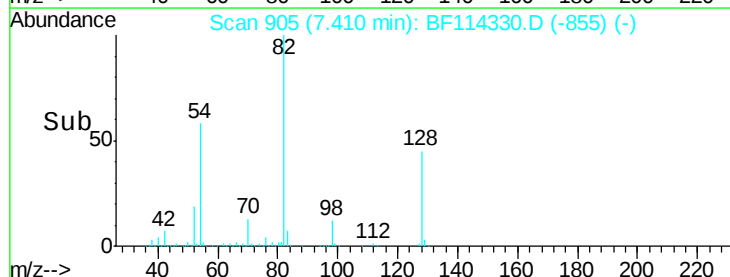
54 57.5 48.5 72.7

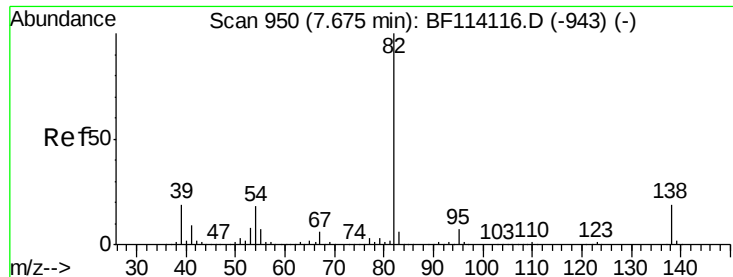


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

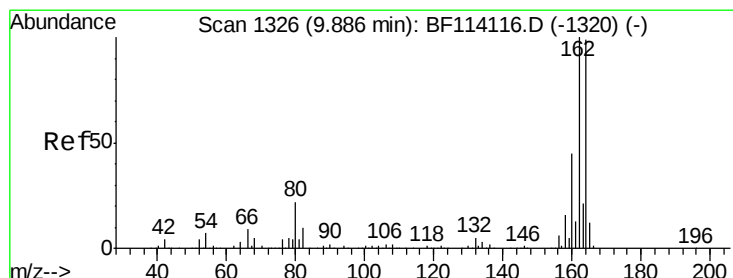
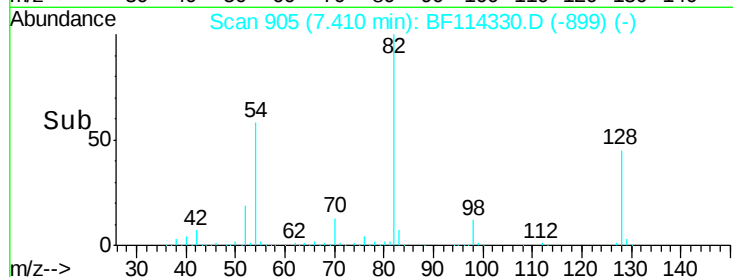
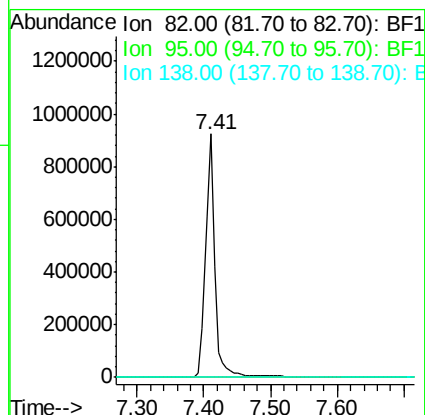
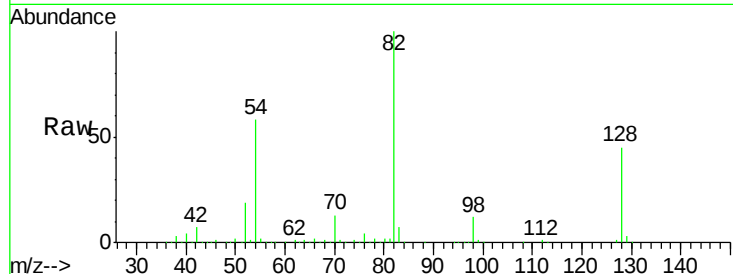




#25
Isophorone
Concen: 36.379 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114330.D
Acq: 17 May 2019 1:30

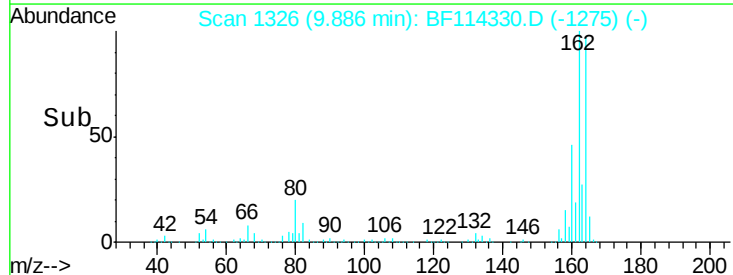
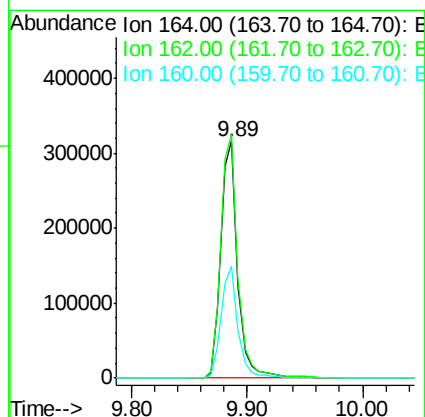
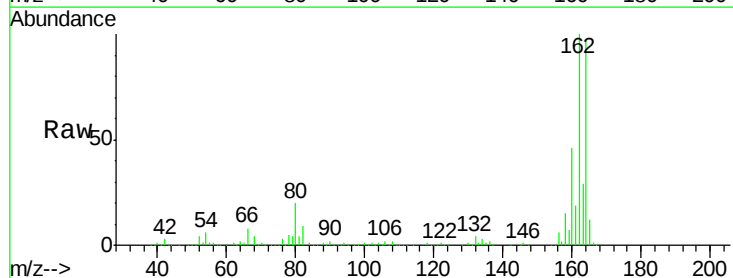
Instrument :
BNA_F
ClientSampleId :
CONCRETE-F

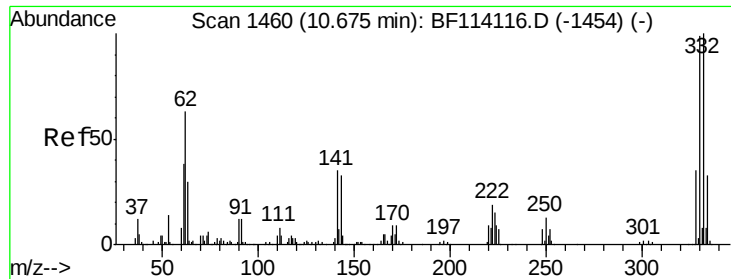
Tot Ion: 82 Resp: 882435
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114330.D
Acq: 17 May 2019 1:30

Tgt Ion: 164 Resp: 321344
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 47.3 36.5 54.7

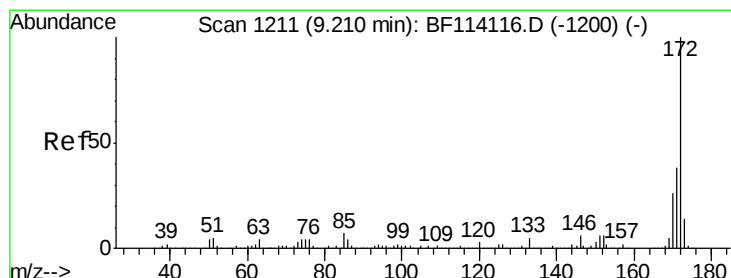
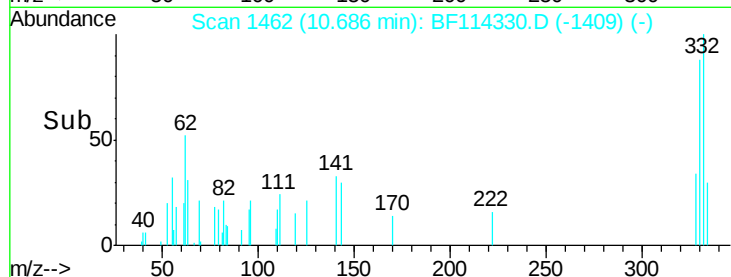
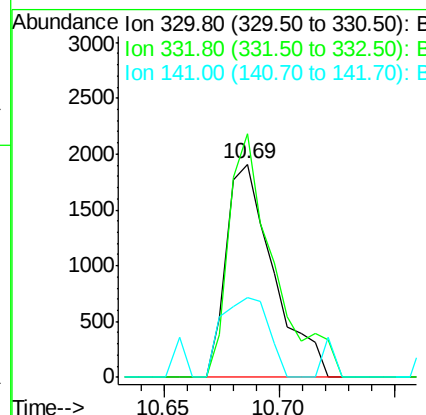
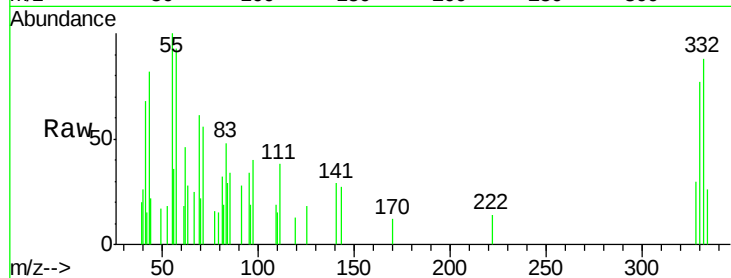




#42
 2,4,6-Tribromophenol
 Concen: 0.816 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF114330.D
 Acq: 17 May 2019 1:30

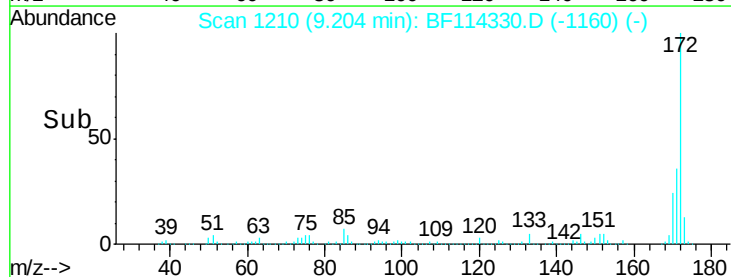
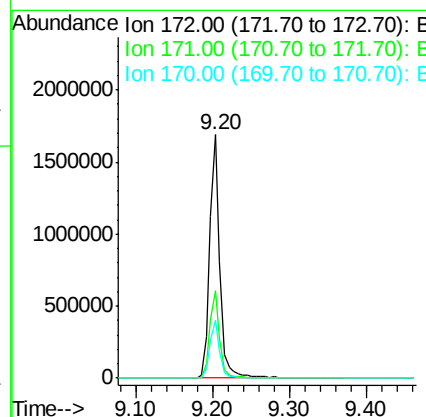
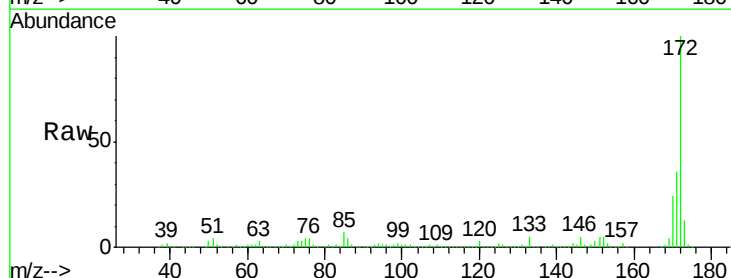
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-F

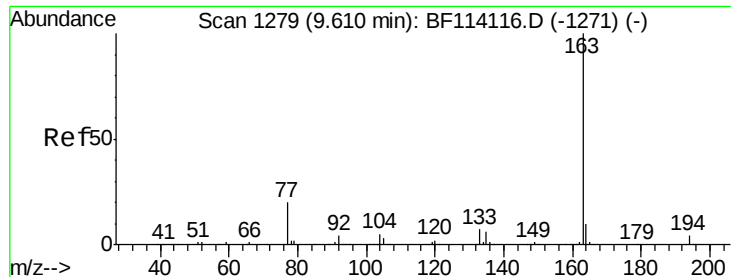
Tot Ion:330 Resp: 2710
 Ion Ratio Lower Upper
 330 100
 332 109.0 81.4 122.2
 141 37.3 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 73.030 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114330.D
 Acq: 17 May 2019 1:30

Tgt Ion:172 Resp: 1551427
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 24.1 20.5 30.7





#50

Dimethylphthalate

Concen: 4.768 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114330.D

Acq: 17 May 2019 1:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE-F

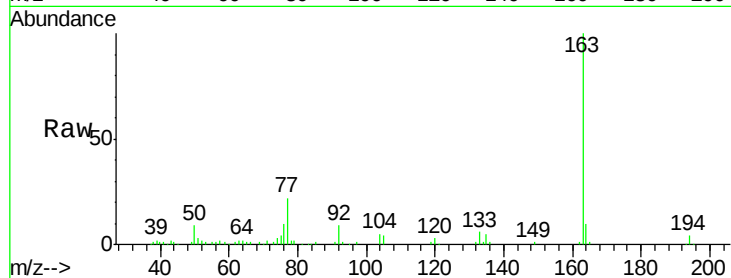
Tot Ion:163 Resp: 112470

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

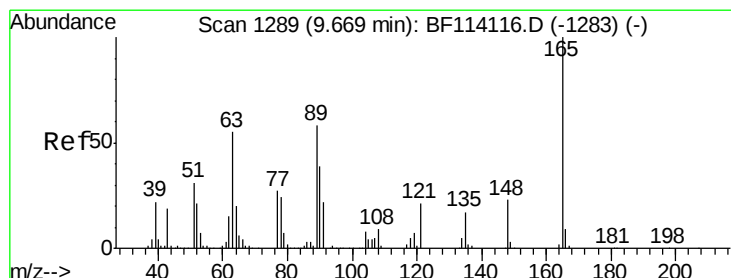
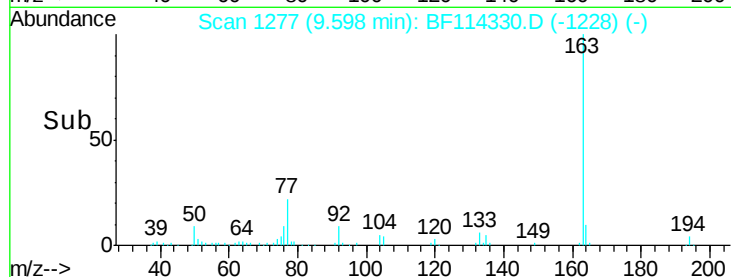
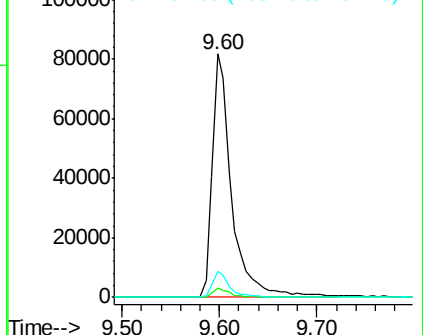
164 10.5 8.2 12.2



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: 7.721 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.22 min

Lab File: BF114330.D

Acq: 17 May 2019 1:30

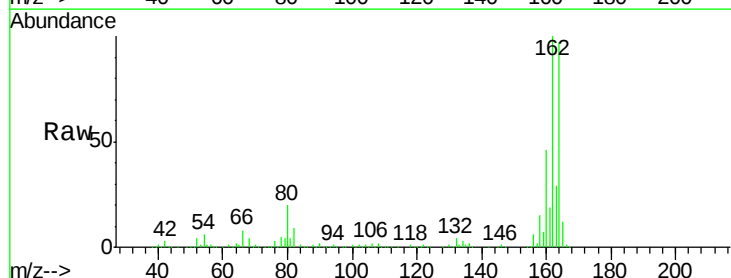
Tgt Ion:165 Resp: 40395

Ion Ratio Lower Upper

165 100

63 1.6 50.2 75.4#

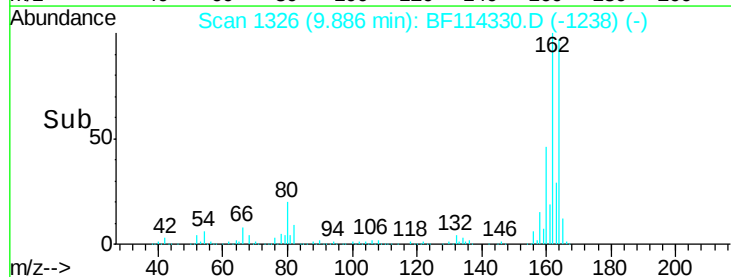
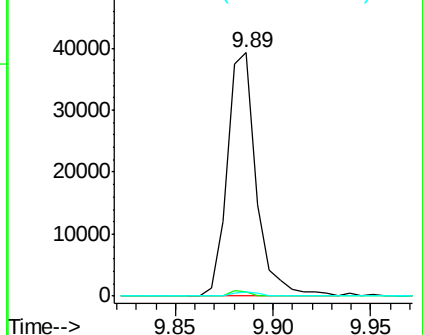
89 1.7 46.6 69.8#

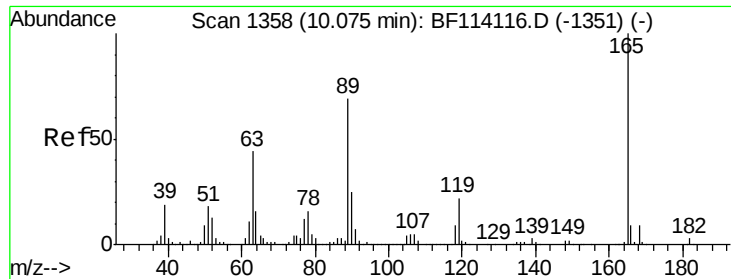


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

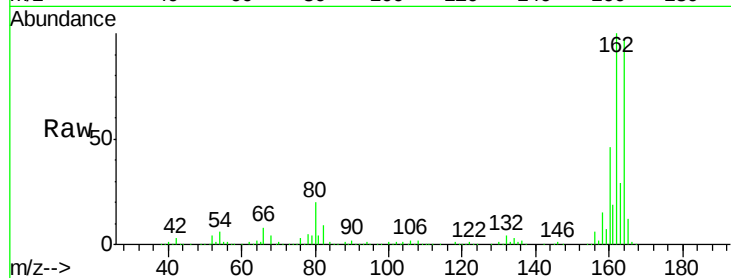




#57
 2,4-Dinitrotoluene
 Concen: 5.688 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114330.D
 Acq: 17 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-F

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.5	53.3#
89	1.7	55.2	82.8#
182	0.0	2.2	3.2#

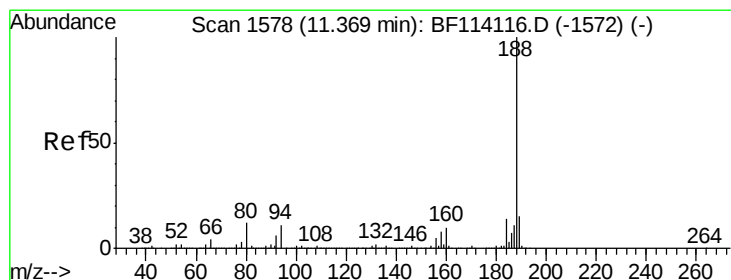
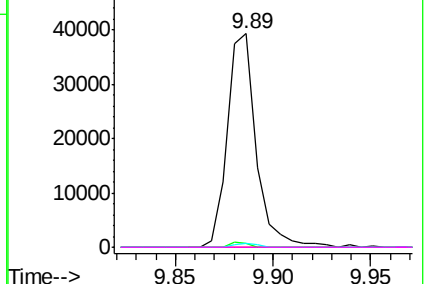
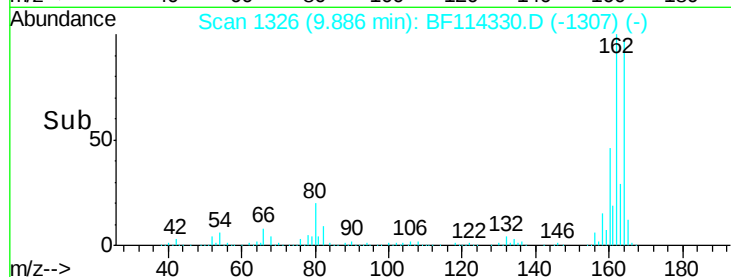


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

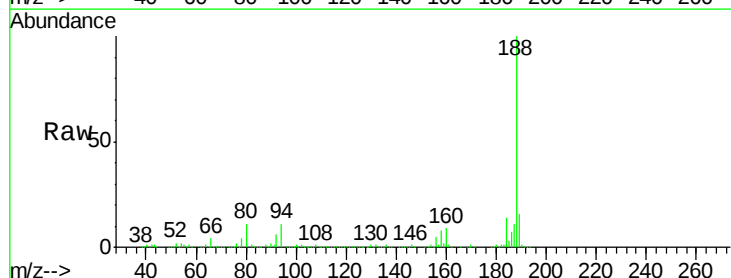
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114330.D
 Acq: 17 May 2019 1:30

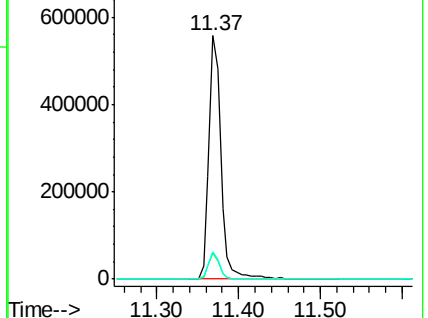
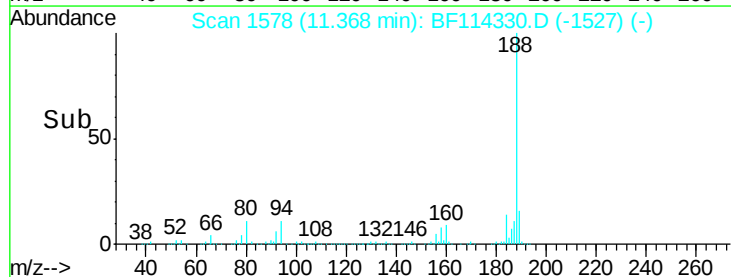
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	11.1	9.2	13.8

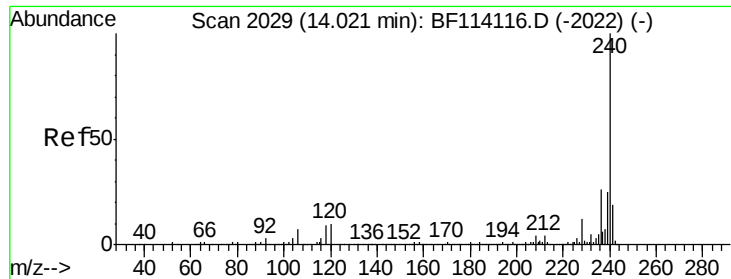


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

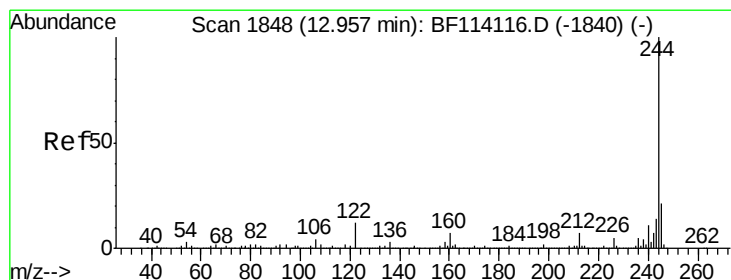
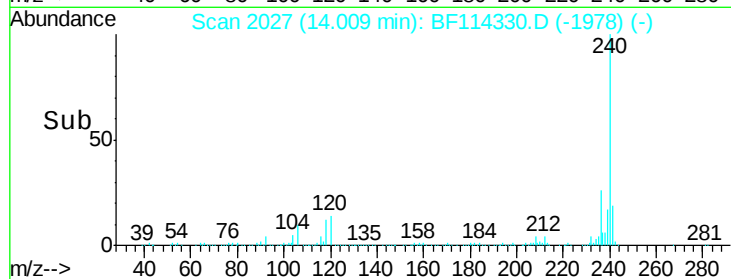
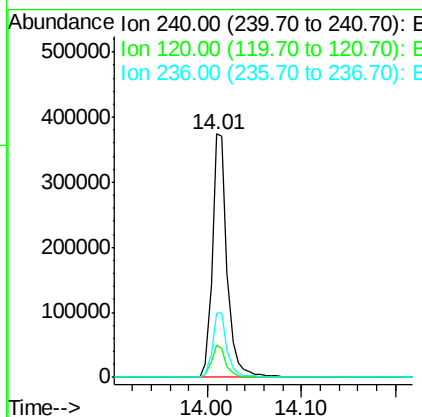
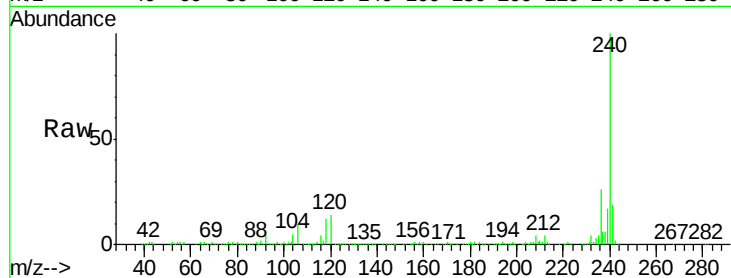




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF114330.D
 Acq: 17 May 2019 1:30

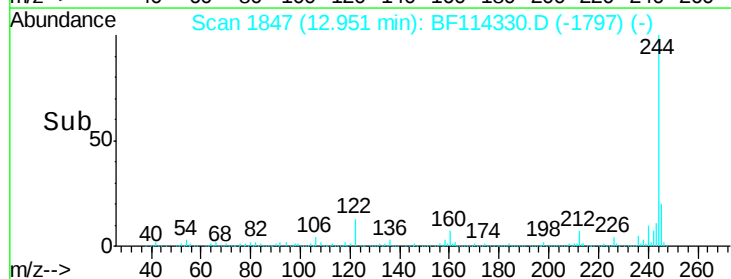
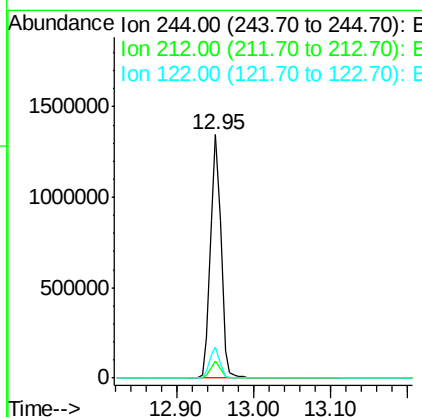
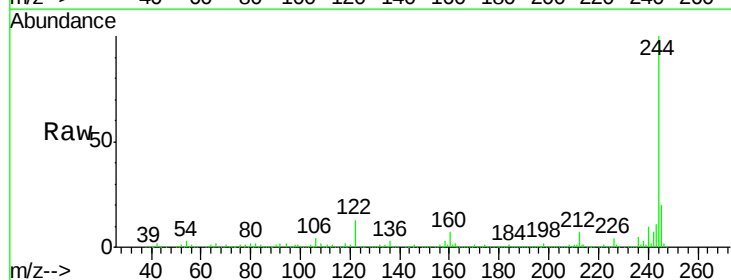
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-F

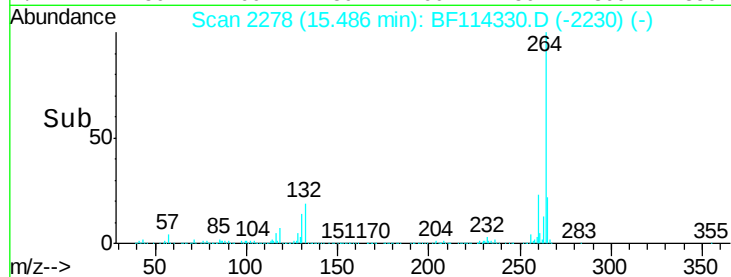
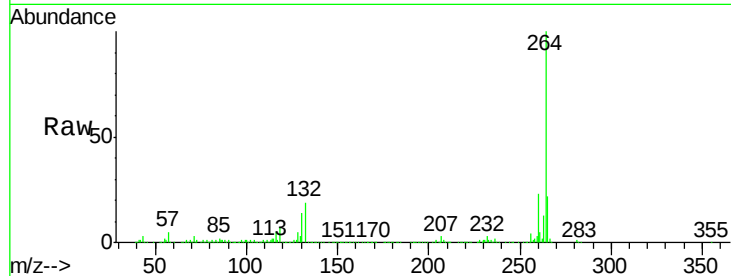
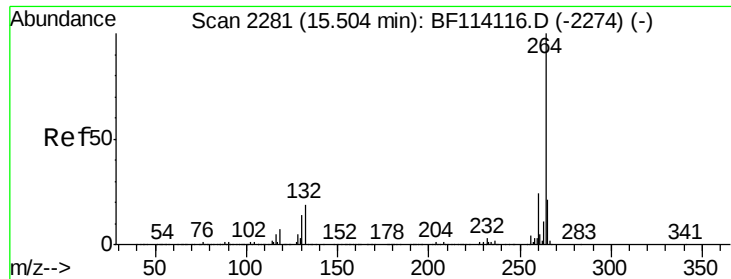
Tot Ion:240 Resp: 419346
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.3 12.5#
 236 26.2 20.8 31.2



#79
 Terphenyl-d14
 Concen: 62.185 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114330.D
 Acq: 17 May 2019 1:30

Tgt Ion:244 Resp: 1265002
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 12.8 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF114330.D
 Acq: 17 May 2019 1:30

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-F

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	22.2	16.9	25.3

