

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114327.D
 Acq On : 17 May 2019 00:11
 Operator : JU/SJ
 Sample : K2867-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-C

Quant Time: May 17 08:00:01 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

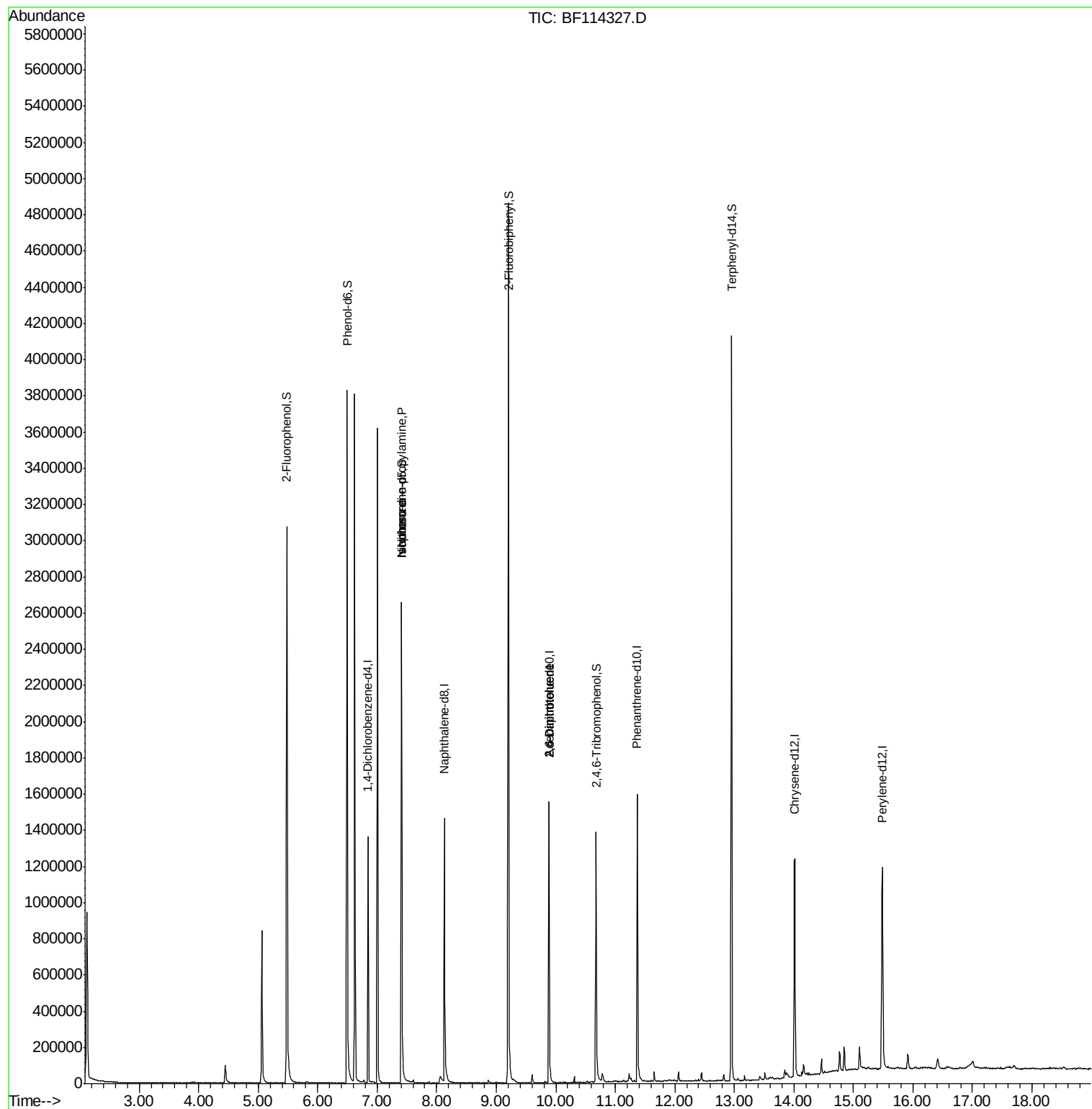
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	202182	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	773054	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	353715	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	676161	20.00	ng	0.00
76) Chrysene-d12	14.02	240	469630	20.00	ng	0.00
87) Perylene-d12	15.49	264	542767	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	936951	74.58	ng	0.00
7) Phenol-d6	6.49	99	1351533	90.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	868023	63.01	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	181188	49.55	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1565618	66.95	ng	0.00
79) Terphenyl-d14	12.95	244	1417945	62.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	111960	11.887	ng	# 75
25) Isophorone	7.41	82	868080	33.980	ng	# 64
51) 2,6-Dinitrotoluene	9.89	165	44625	7.748	ng	# 22
57) 2,4-Dinitrotoluene	9.89	165	44625	5.709	ng	# 25

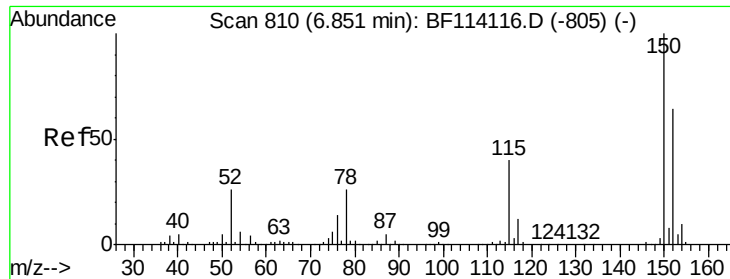
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



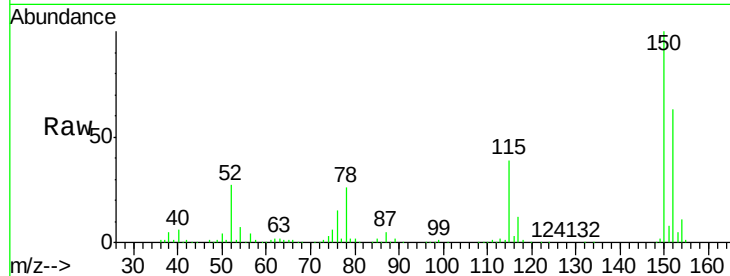


#1

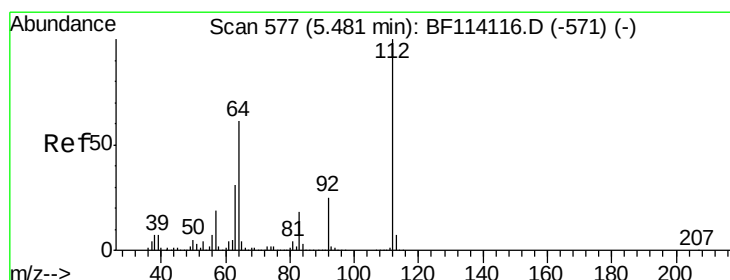
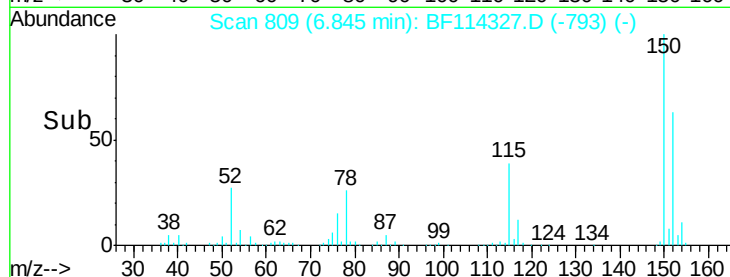
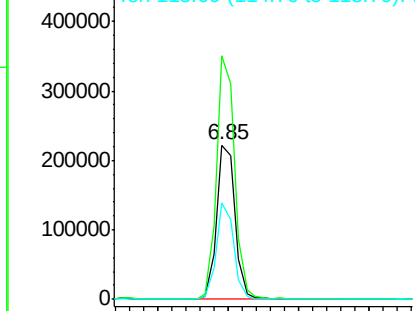
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

Instrument :
BNA_F
ClientSampleId :
CONCRETE-C

Tot Ion:152 Resp: 202182
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 62.3 49.1 73.7



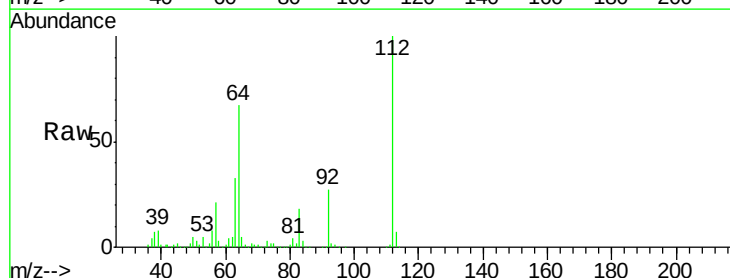
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



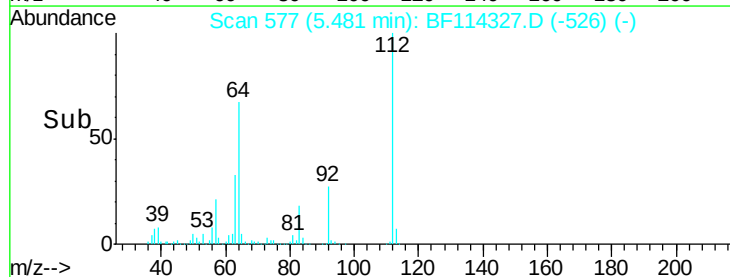
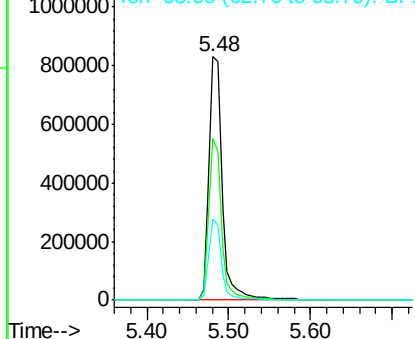
#5

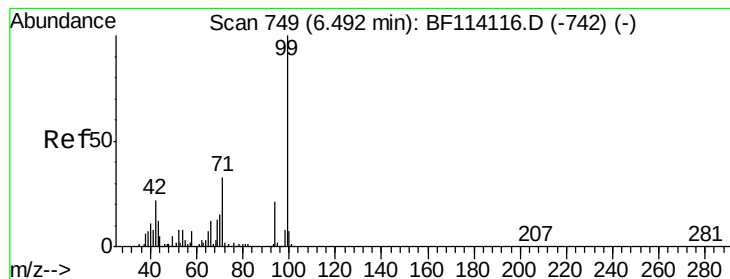
2-Fluorophenol
Concen: 74.576 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

Tgt Ion:112 Resp: 936951
Ion Ratio Lower Upper
112 100
64 66.6 49.0 73.6
63 33.4 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: 90.955 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

Instrument :

BNA_F

ClientSampleId :

CONCRETE-C

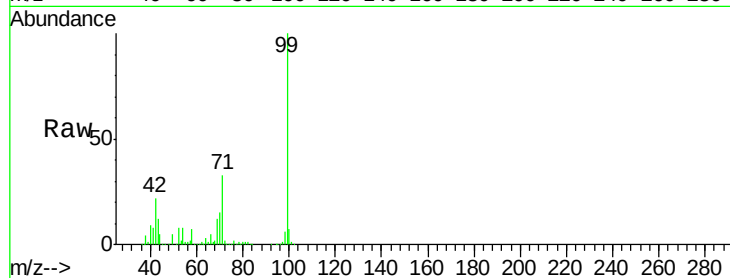
Tot Ion: 99 Resp: 1351533

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

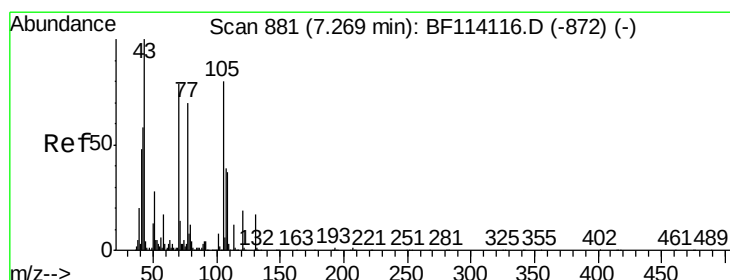
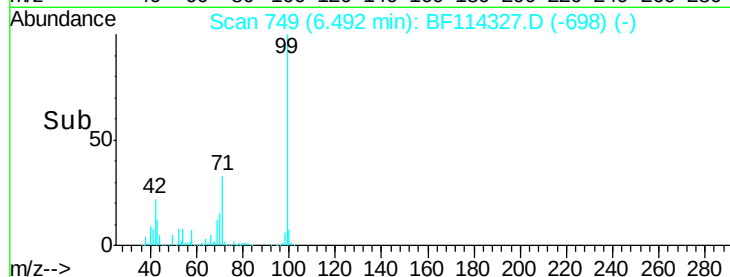
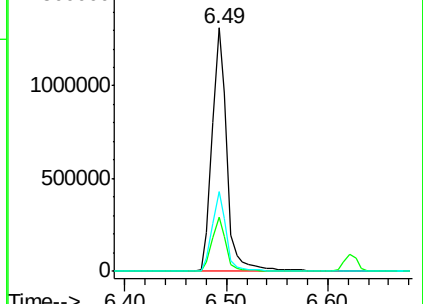
71 32.8 26.2 39.2



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: 11.887 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

Tgt Ion: 70 Resp: 111960

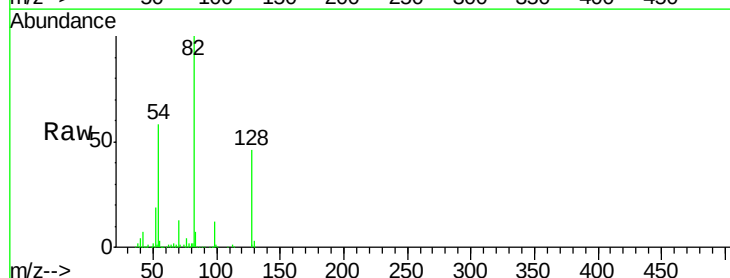
Ion Ratio Lower Upper

70 100

42 55.8 58.6 87.8#

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#

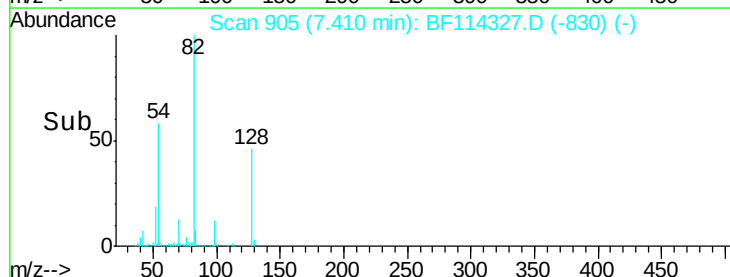
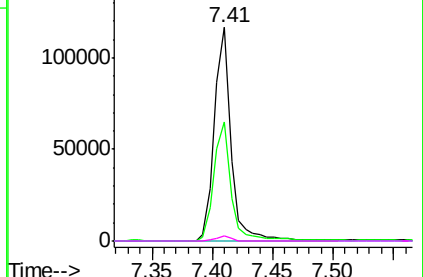


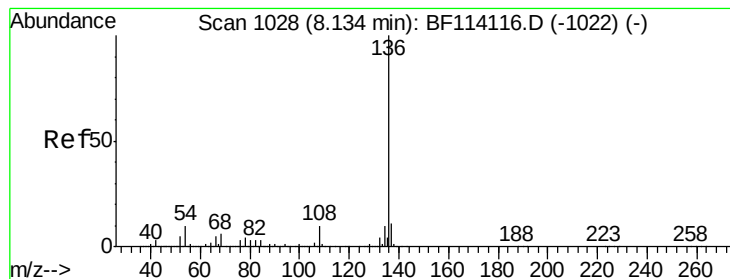
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114327.D

Acq: 17 May 2019 00:11

Instrument :

BNA_F

ClientSampleId :

CONCRETE-C

Tot Ion:136 Resp: 773054

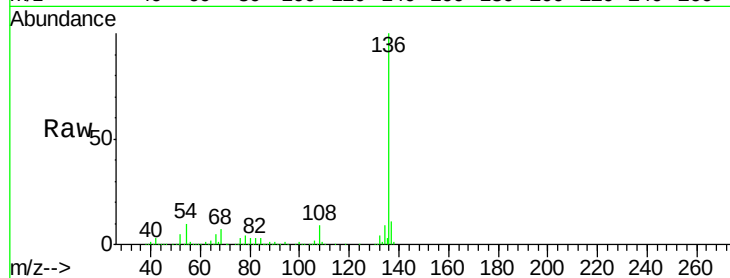
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.9 7.8 11.8

68 7.3 5.1 7.7

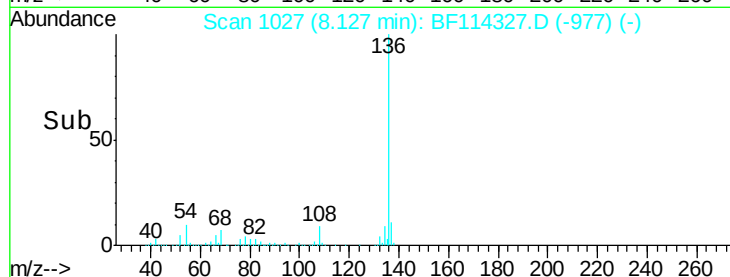


Abundance Ion 136.00 (135.70 to 136.70): E

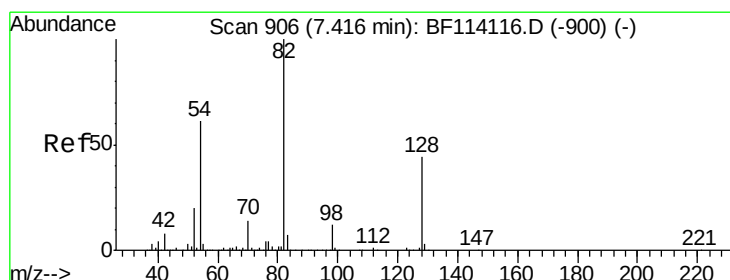
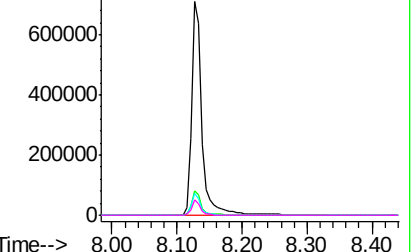
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 63.014 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

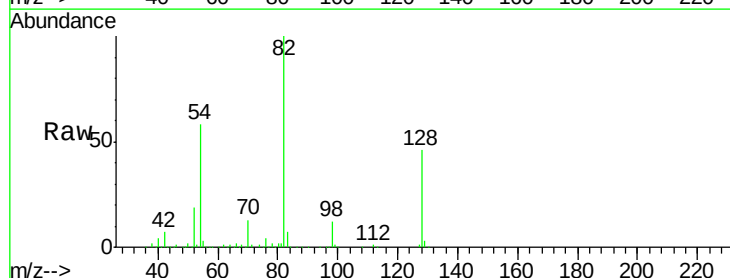
Tgt Ion: 82 Resp: 868023

Ion Ratio Lower Upper

82 100

128 45.6 35.5 53.3

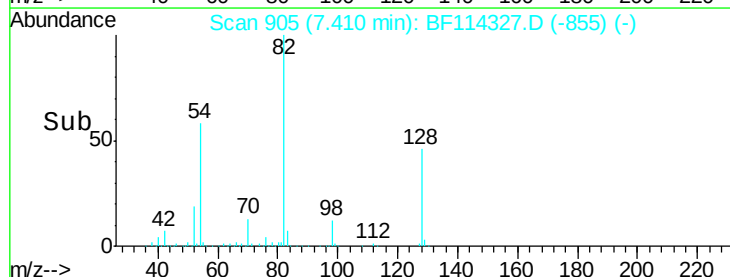
54 57.7 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

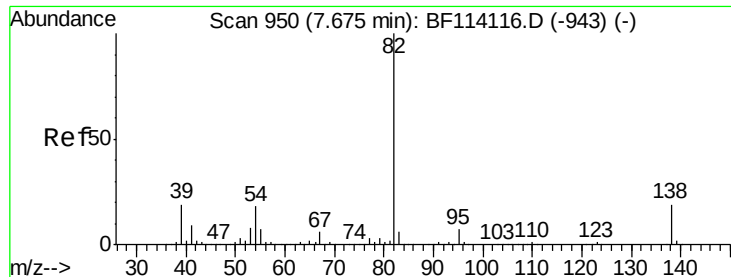
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 33.980 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

Instrument :

BNA_F

ClientSampleId :

CONCRETE-C

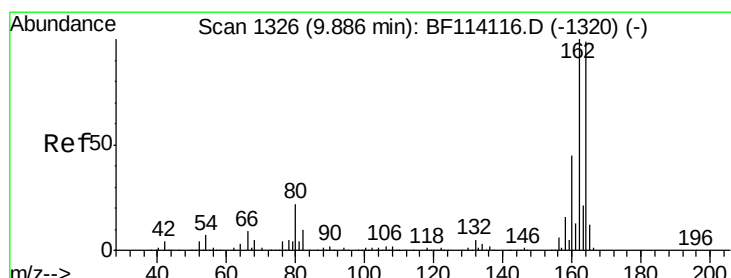
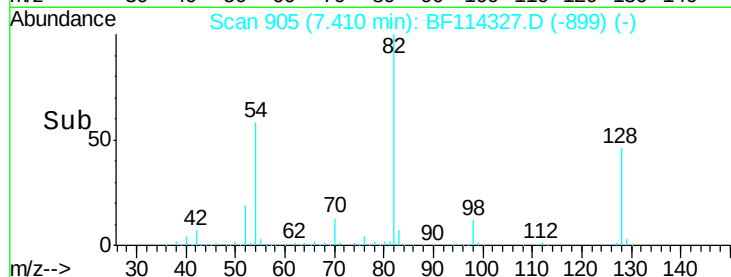
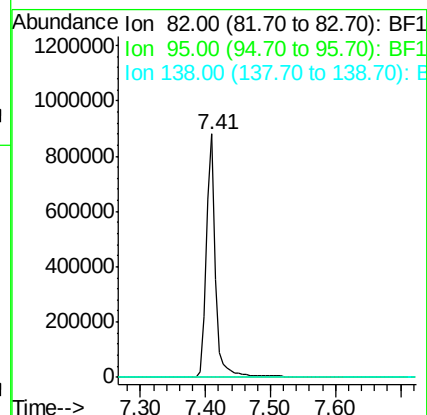
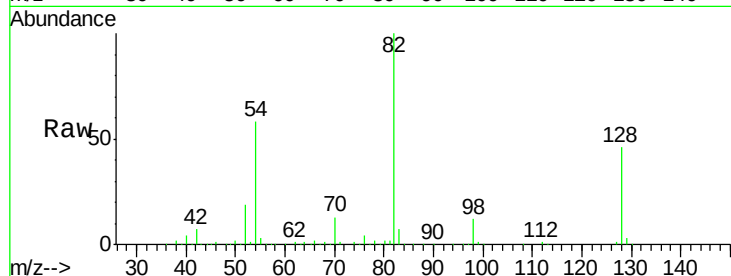
Tot Ion: 82 Resp: 868080

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: BF114327.D

Acq: 17 May 2019 00:11

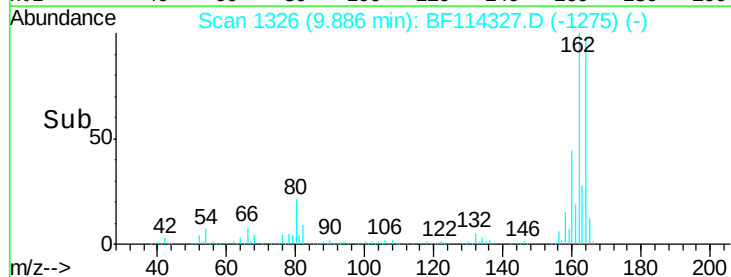
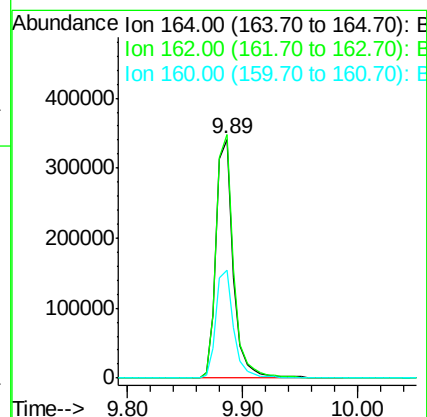
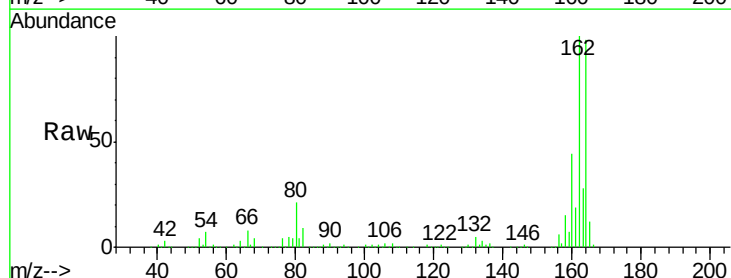
Tgt Ion: 164 Resp: 353715

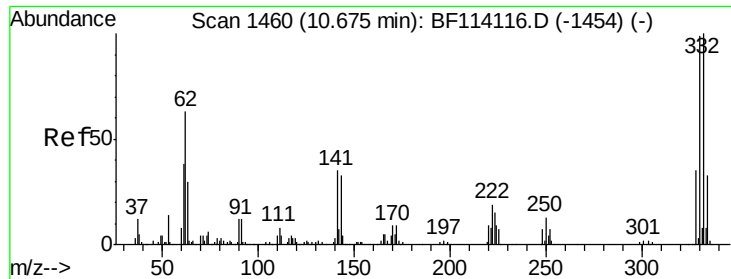
Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 45.4 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 49.548 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

Instrument :

BNA_F

ClientSampleId :

CONCRETE-C

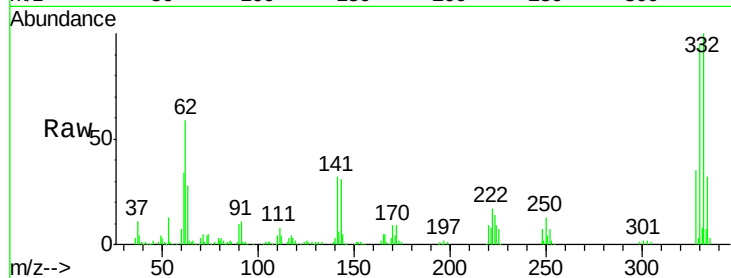
Tot Ion:330 Resp: 181188

Ion Ratio Lower Upper

330 100

332 104.2 81.4 122.2

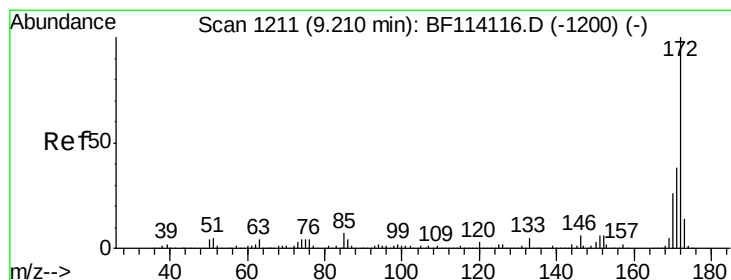
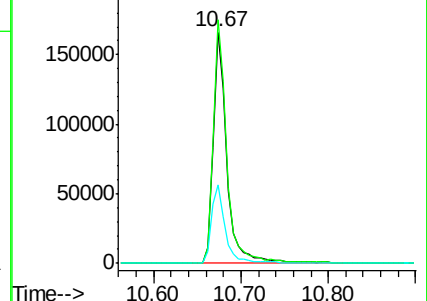
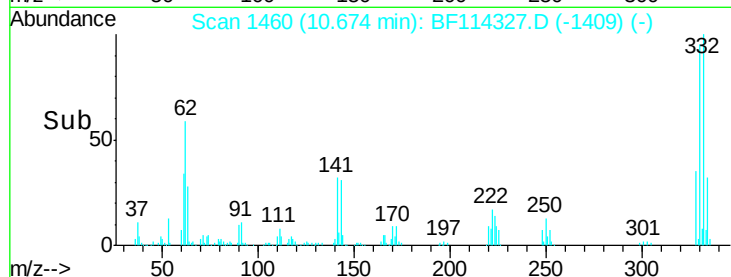
141 34.5 26.6 40.0



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: 66.954 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

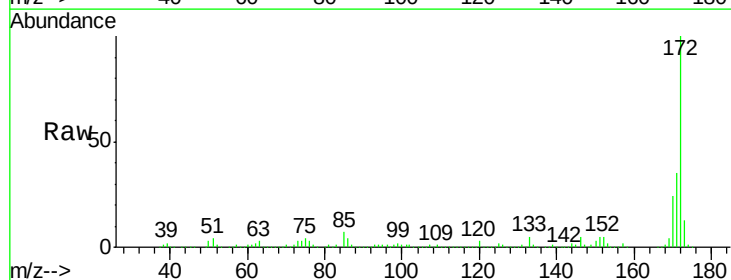
Tgt Ion:172 Resp: 1565618

Ion Ratio Lower Upper

172 100

171 35.5 30.7 46.1

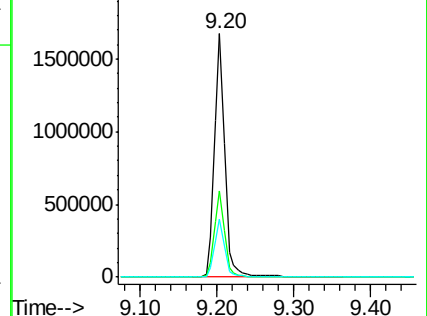
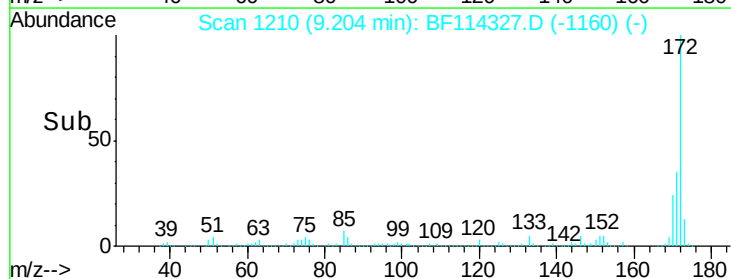
170 23.9 20.5 30.7

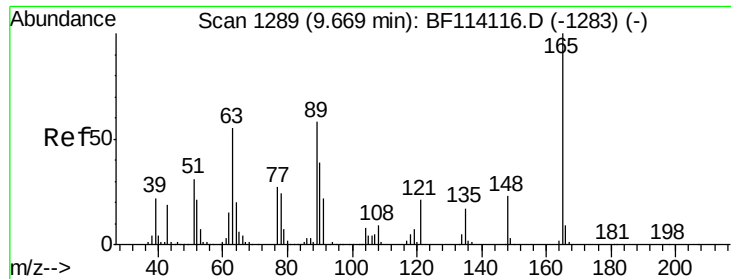


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

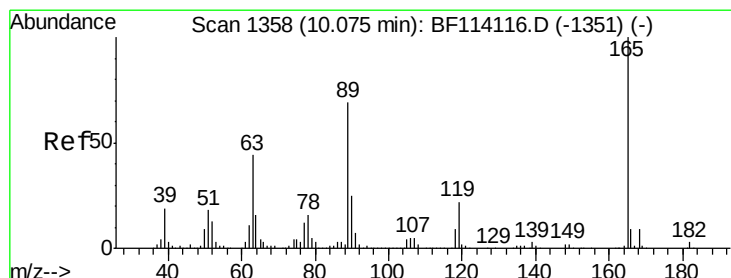
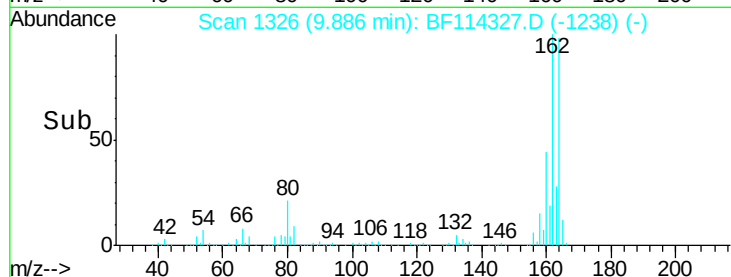
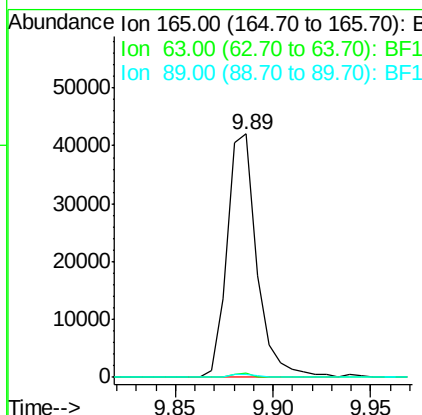
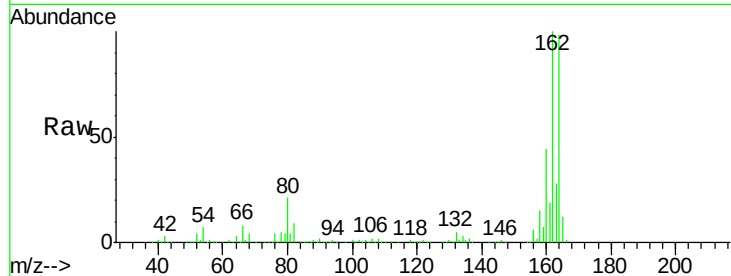




#51
 2,6-Dinitrotoluene
 Concen: 7.748 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.22 min
 Lab File: BF114327.D
 Acq: 17 May 2019 00:11

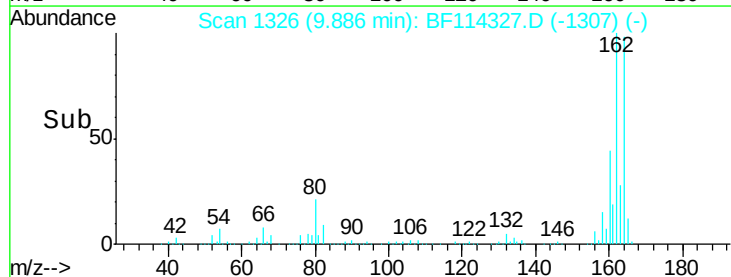
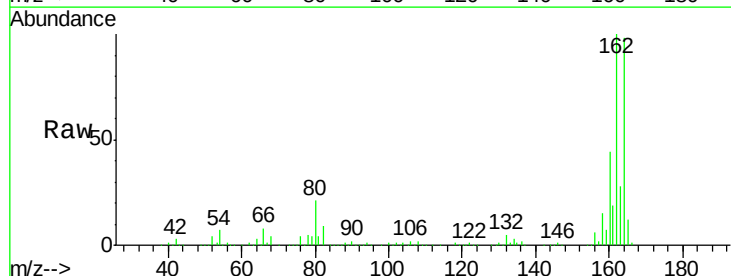
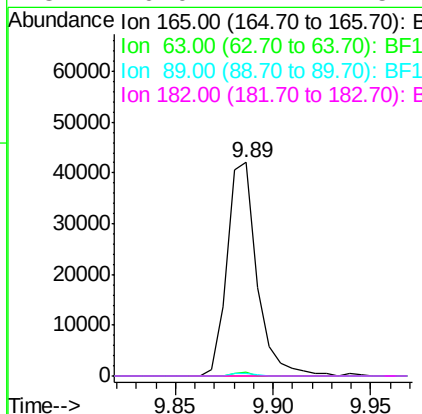
Instrument :
 BNA_F
 ClientSampled :
 CONCRETE-C

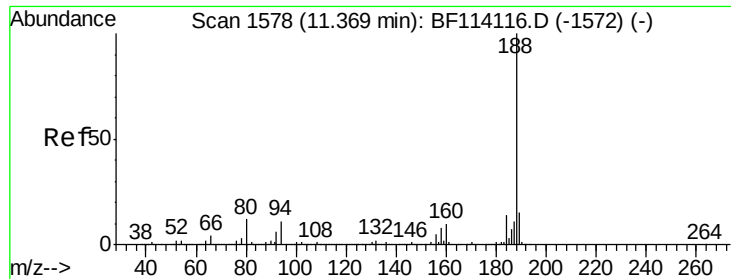
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	50.2	75.4#
89	1.2	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.709 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114327.D
 Acq: 17 May 2019 00:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	35.5	53.3#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#

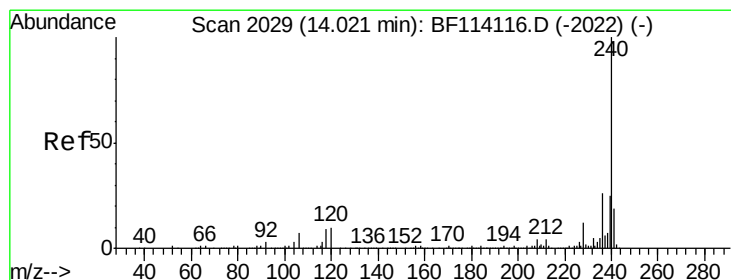
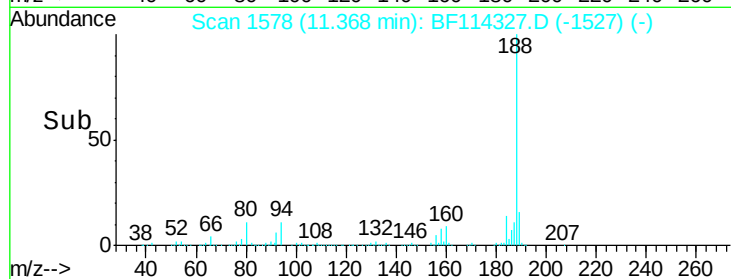
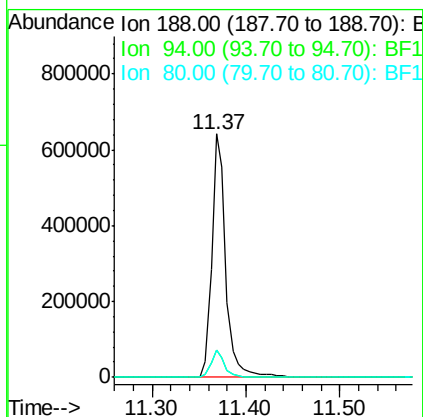
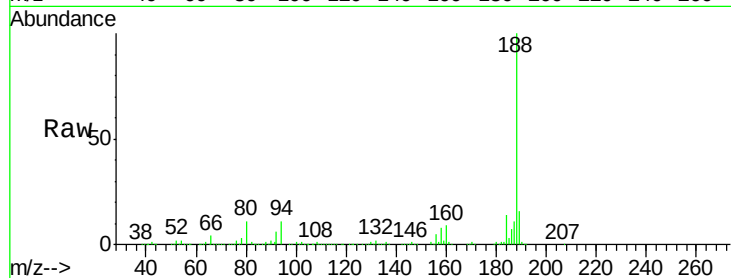




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

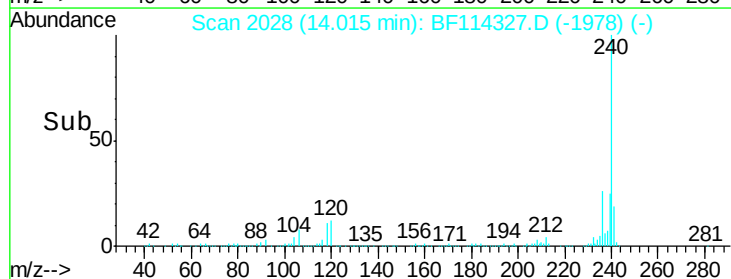
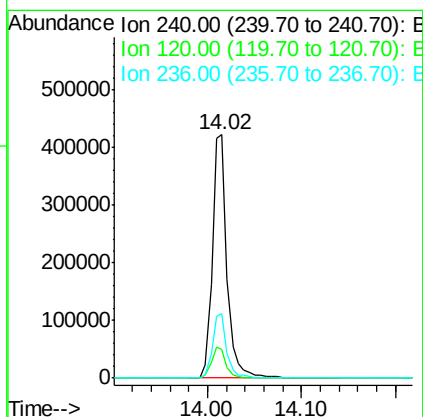
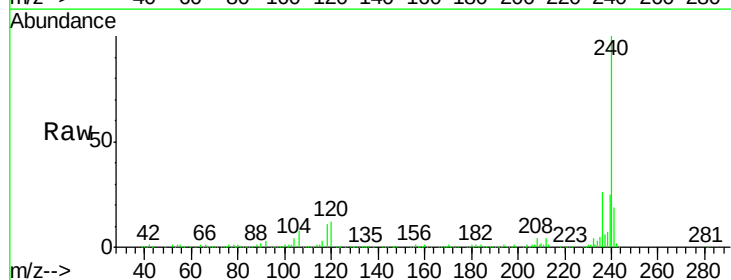
Instrument :
BNA_F
ClientSampleId :
CONCRETE-C

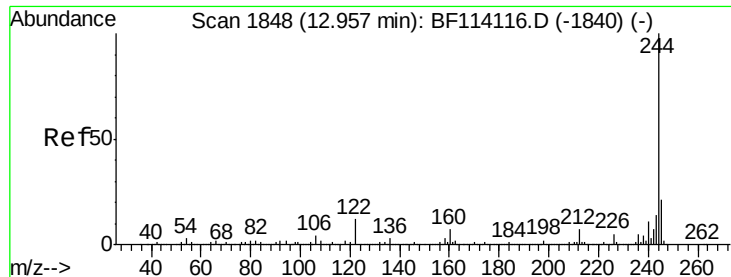
Tot Ion:188 Resp: 676161
Ion Ratio Lower Upper
188 100
94 11.2 8.4 12.6
80 11.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

Tgt Ion:240 Resp: 469630
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 26.3 20.8 31.2



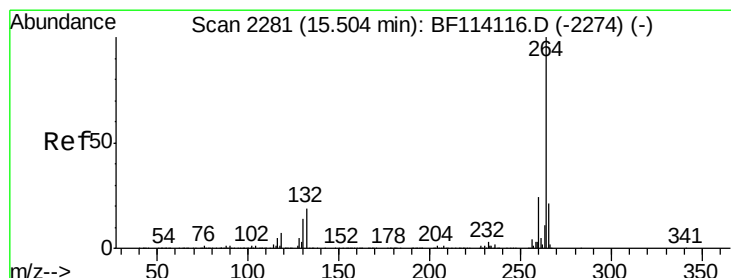
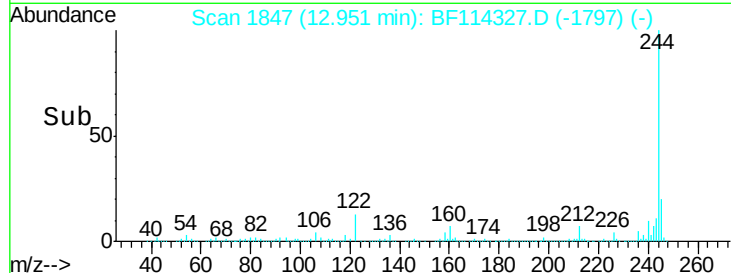
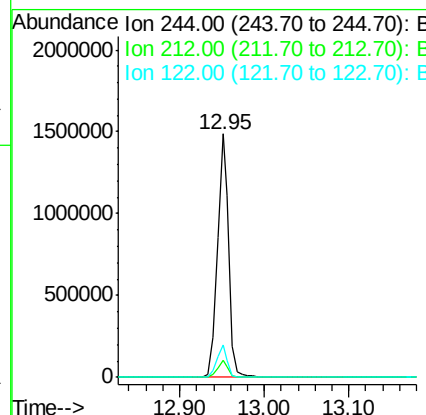
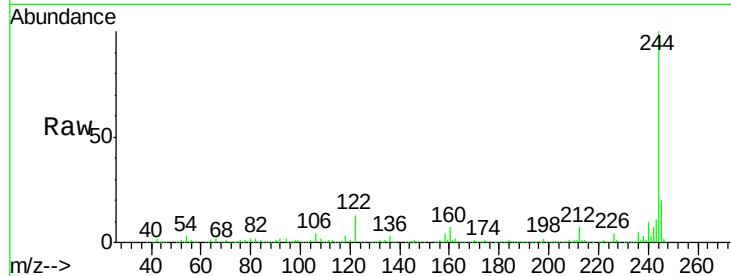


#79
 Terphenyl-d14
 Concen: 62.240 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114327.D
 Acq: 17 May 2019 00:11

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-C

Tot Ion:244 Resp: 1417945

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.1	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF114327.D
 Acq: 17 May 2019 00:11

Tgt Ion:264 Resp: 542767

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.3	16.9	25.3

