

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115065.D
 Acq On : 15 Jun 2019 2:35
 Operator : HP/JU
 Sample : K3366-03 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Quant Time: Jun 15 06:29:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	290795	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1131571	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	509859	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	841914	20.00	ng	0.00
76) Chrysene-d12	13.77	240	523268	20.00	ng	-0.01
87) Perylene-d12	15.15	264	513042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	73794	4.24	ng	-0.01
7) Phenol-d6	6.28	99	159040	7.57	ng	-0.02
23) Nitrobenzene-d5	7.20	82	132851	7.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.46	330	6239	1.14	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	313997	10.44	ng	0.00
79) Terphenyl-d14	12.73	244	231346	8.32	ng	-0.01

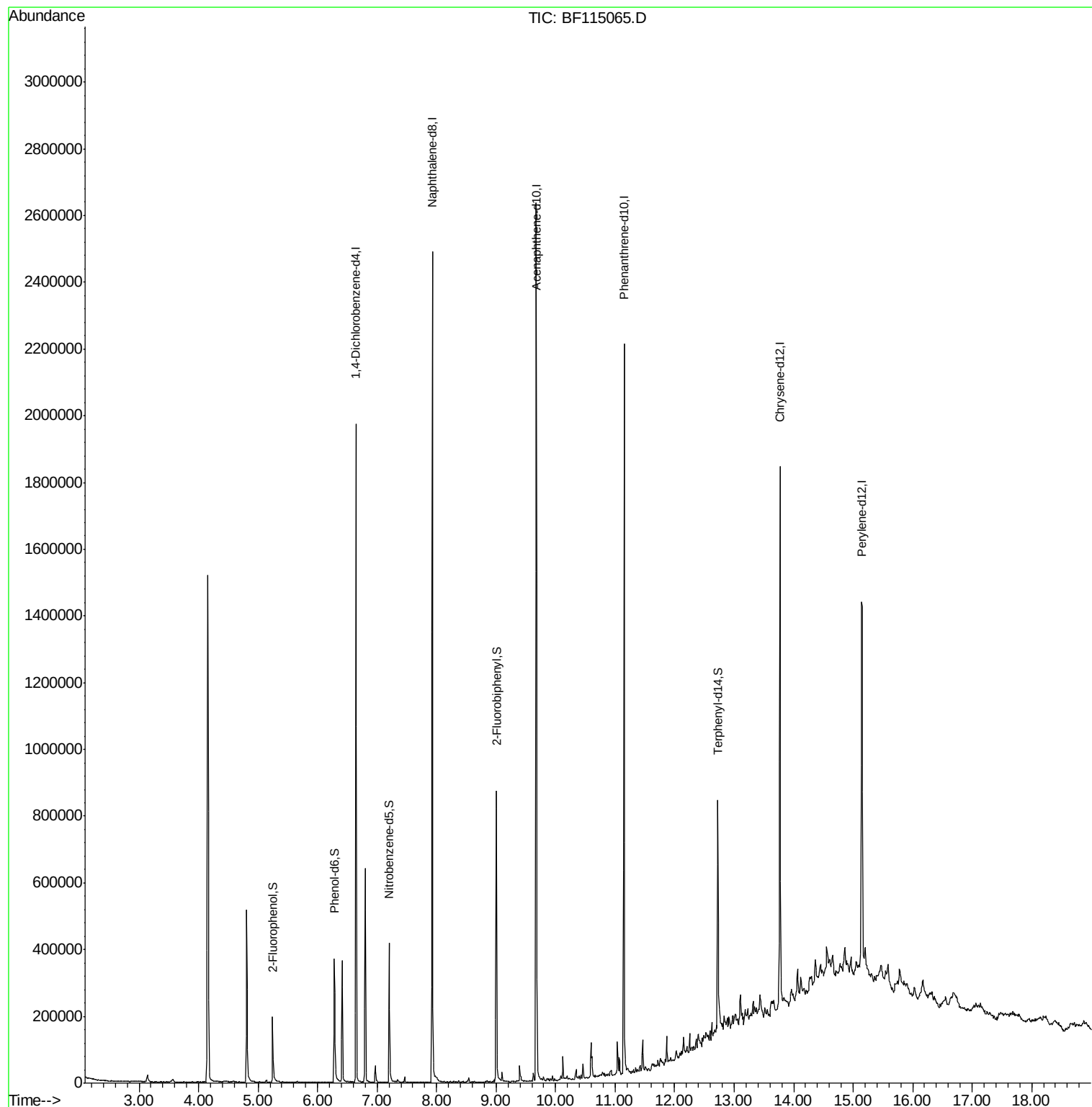
Target Compounds Qvalue

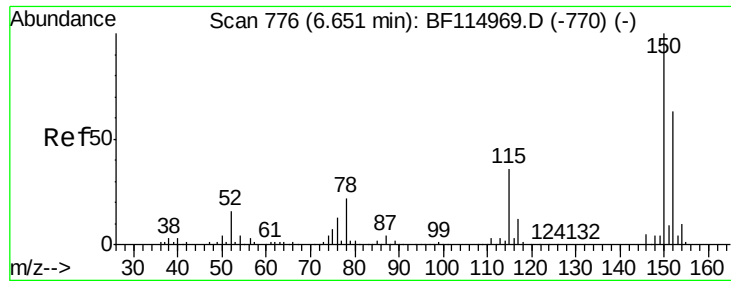
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 15:42:37 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF115065.D

Acq: 15 Jun 2019 2:35

Instrument :

BNA_F

ClientSampleId :

CONCRETE

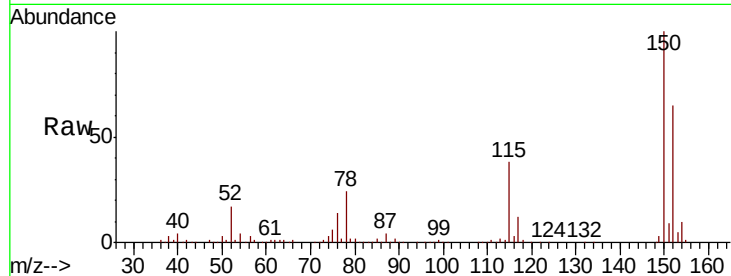
Tot Ion:152 Resp: 290795

Ion Ratio Lower Upper

152 100

150 155.0 127.4 191.0

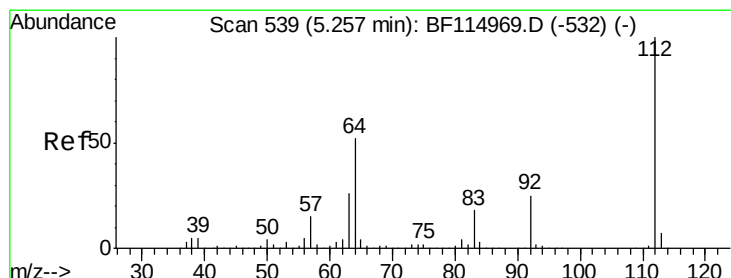
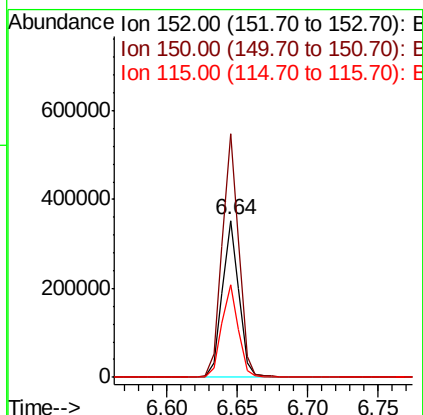
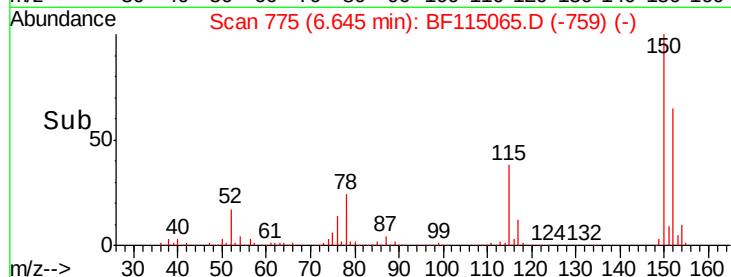
115 59.2 46.0 69.0



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: 4.237 ng

RT: 5.25 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF115065.D

Acq: 15 Jun 2019 2:35

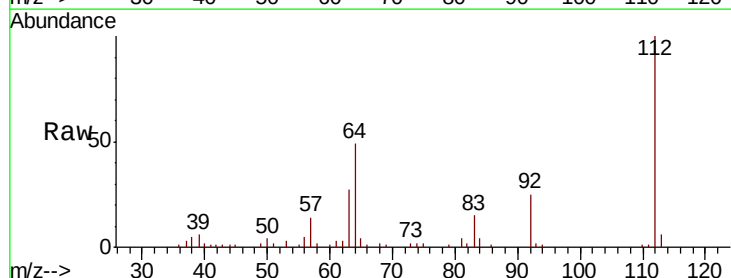
Tgt Ion:112 Resp: 73794

Ion Ratio Lower Upper

112 100

64 49.1 41.6 62.4

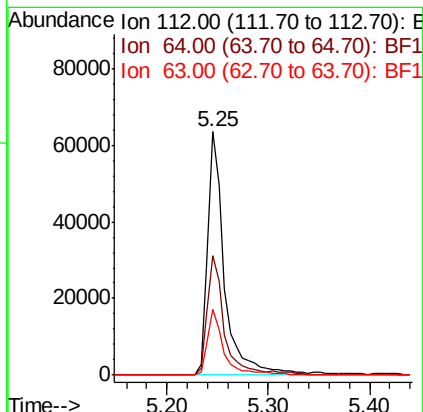
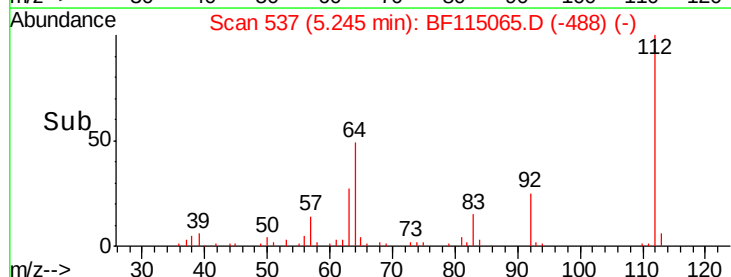
63 26.8 20.9 31.3

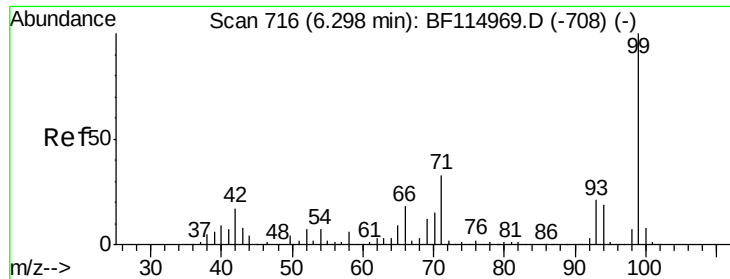


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 7.571 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115065.D

Acq: 15 Jun 2019 2:35

Instrument :

BNA_F

ClientSampleId :

CONCRETE

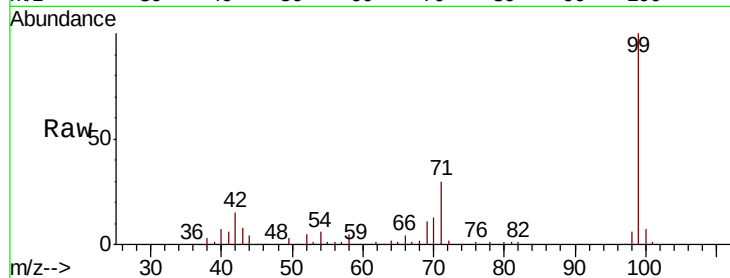
Tot Ion: 99 Resp: 159040

Ion Ratio Lower Upper

99 100

42 14.7 13.4 20.2

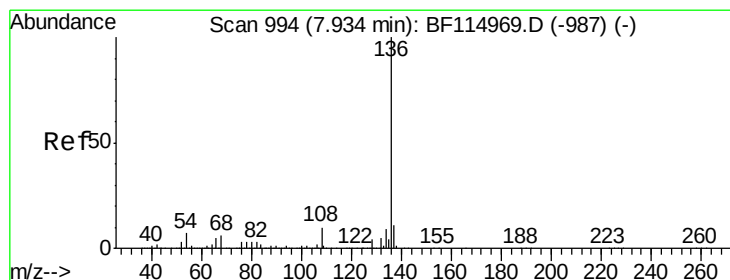
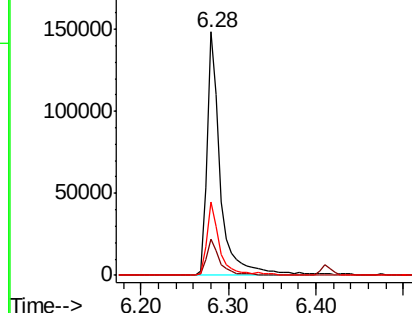
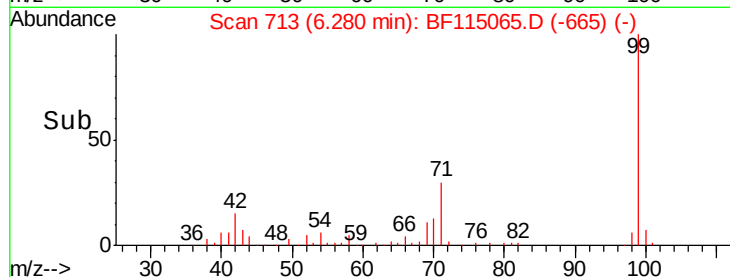
71 30.0 26.4 39.6



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# 993

Delta R.T. -0.01 min

Lab File: BF115065.D

Acq: 15 Jun 2019 2:35

Tgt Ion: 136 Resp: 1131571

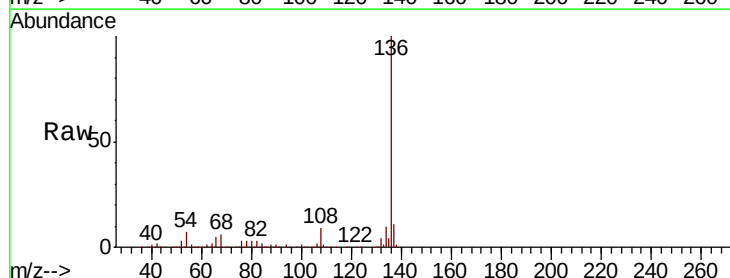
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.7 5.4 8.0

68 5.7 4.6 7.0

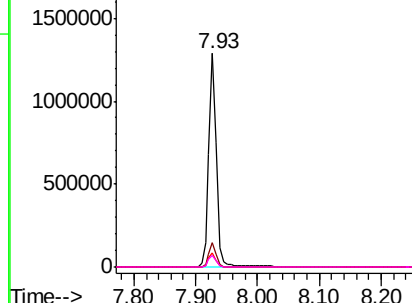
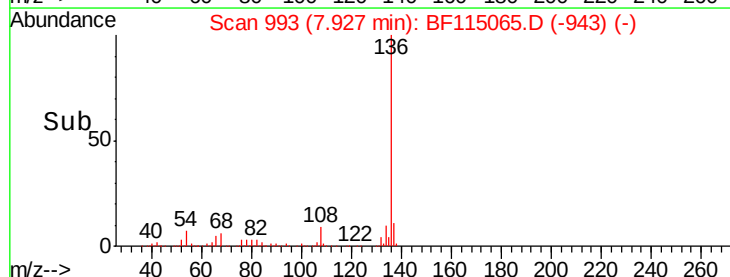


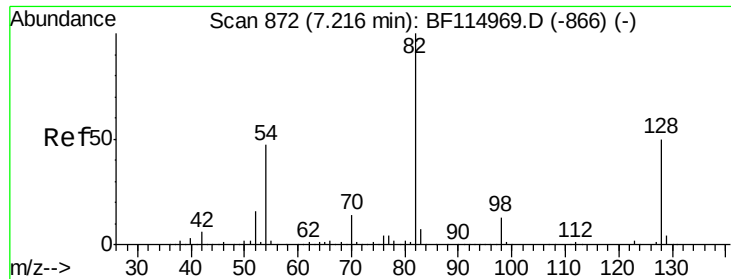
Abundance Ion 136.00 (135.70 to 136.70): E

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

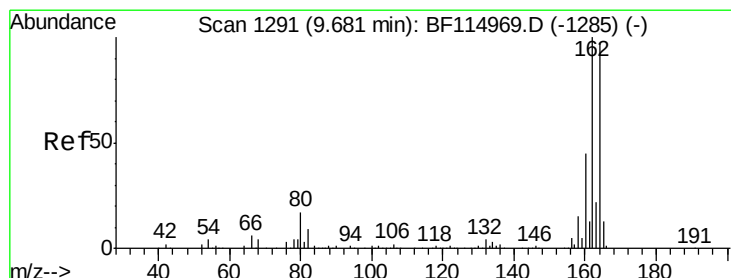
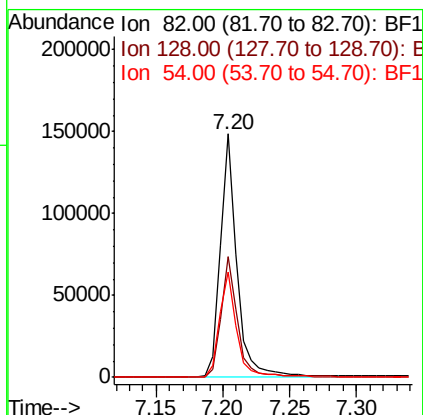
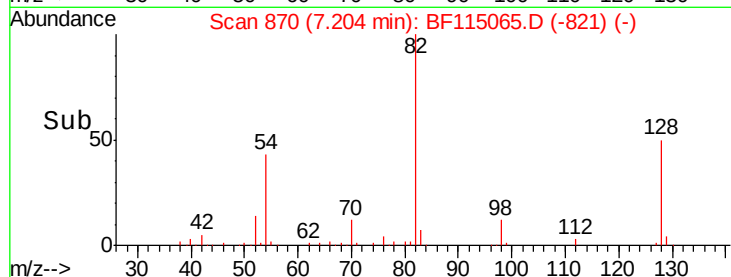
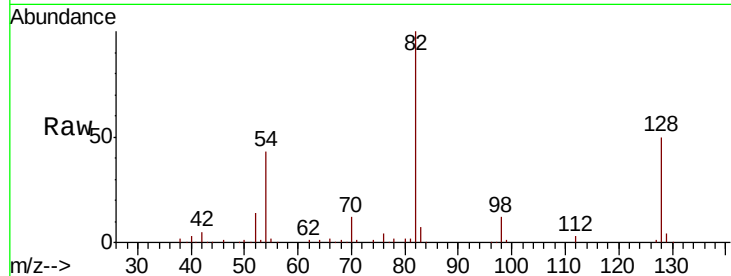




#23
 Nitrobenzene-d5
 Concen: 7.067 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF115065.D
 Acq: 15 Jun 2019 2:35

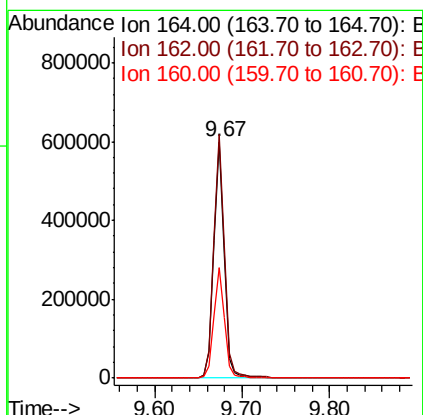
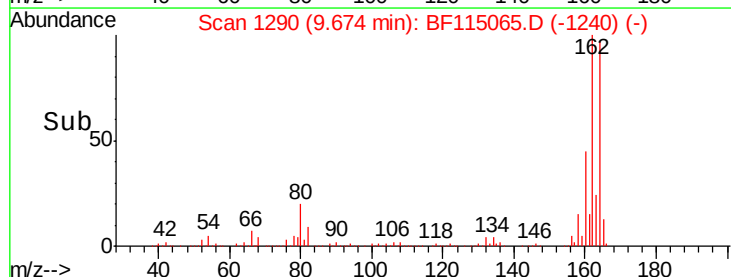
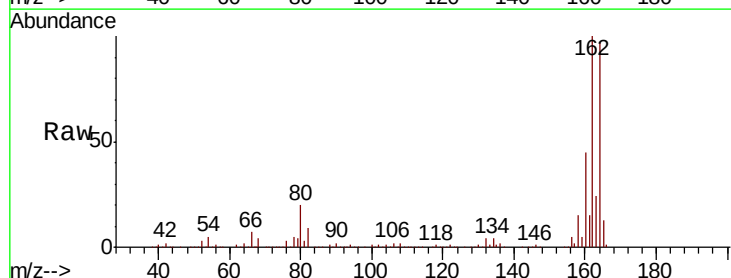
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

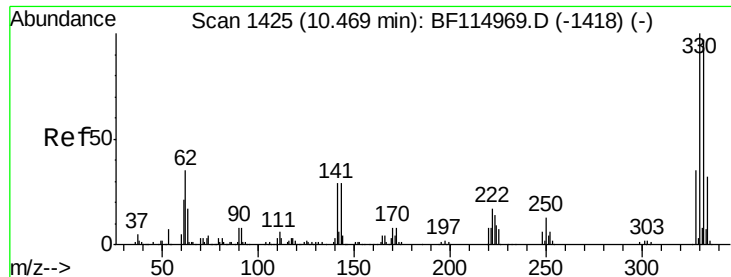
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	39.9	59.9
54	43.0	37.3	55.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115065.D
 Acq: 15 Jun 2019 2:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	124.0
160	46.8	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 1.143 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115065.D

Acq: 15 Jun 2019 2:35

Instrument :

BNA_F

ClientSampleId :

CONCRETE

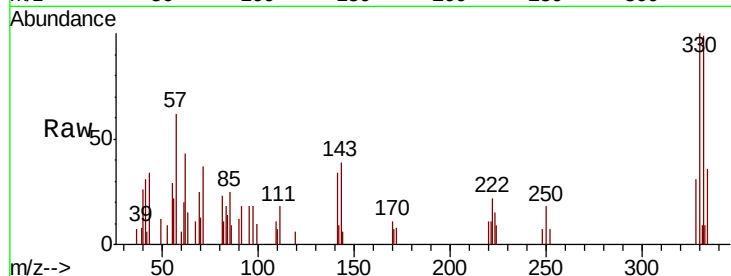
Tot Ion:330 Resp: 6239

Ion Ratio Lower Upper

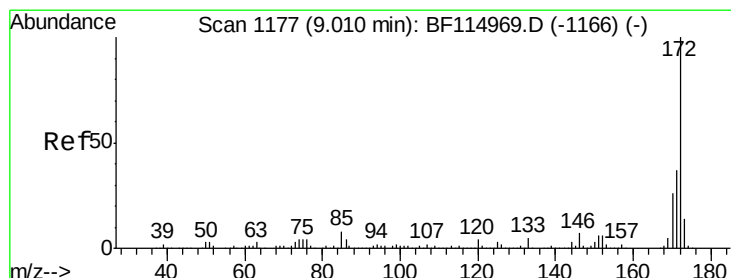
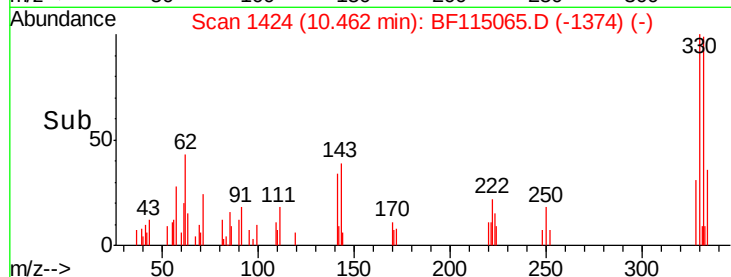
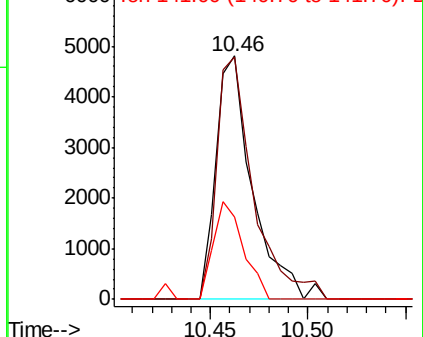
330 100

332 100.0 77.6 116.4

141 33.0 27.2 40.8



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: 10.438 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115065.D

Acq: 15 Jun 2019 2:35

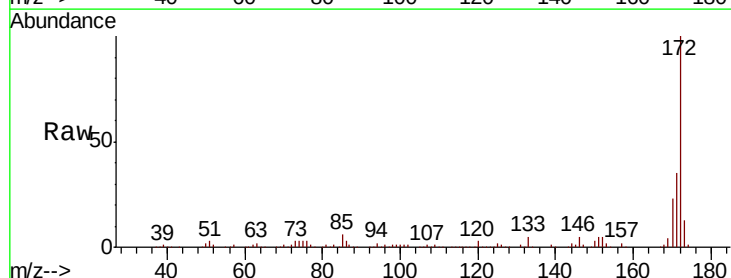
Tgt Ion:172 Resp: 313997

Ion Ratio Lower Upper

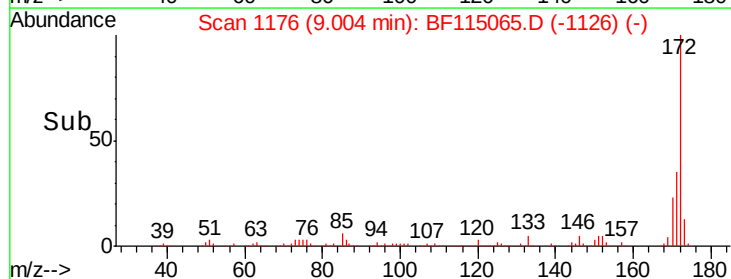
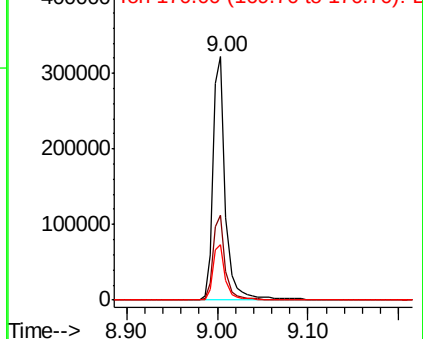
172 100

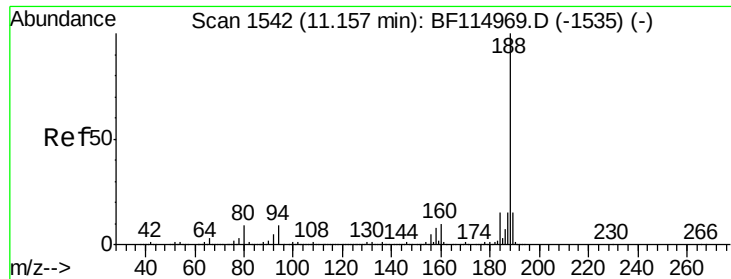
171 35.0 29.8 44.6

170 22.9 20.6 31.0



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

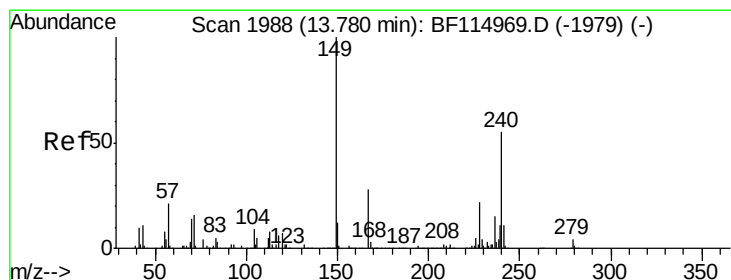
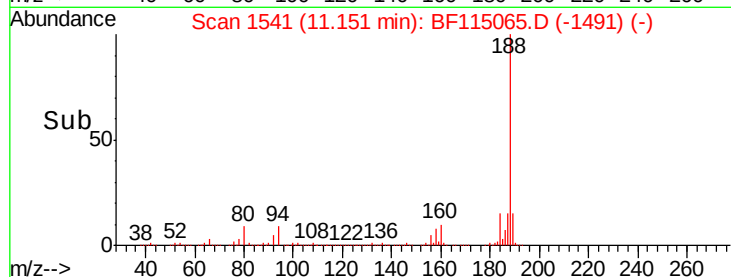
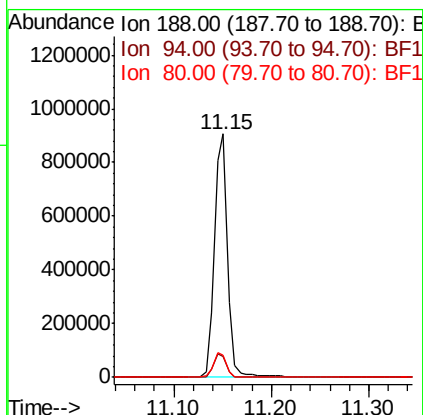
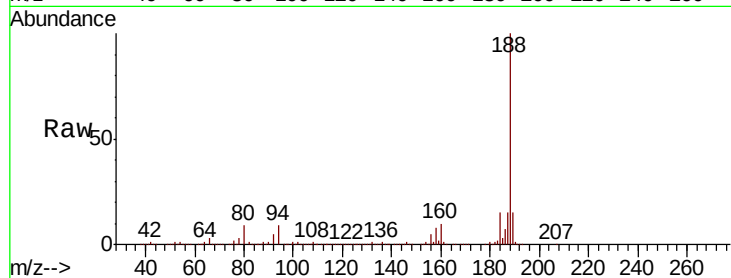




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF115065.D
Acq: 15 Jun 2019 2:35

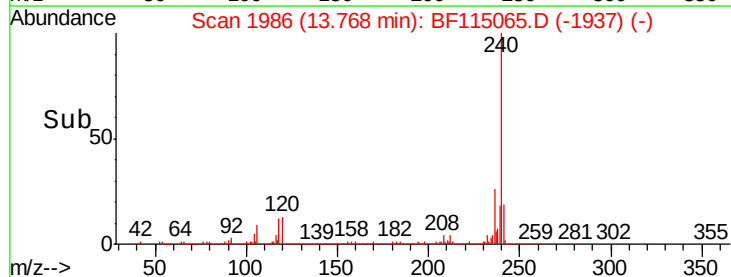
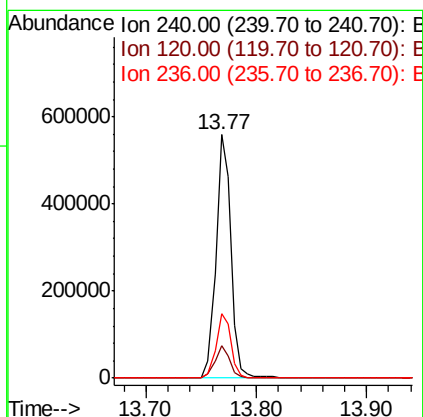
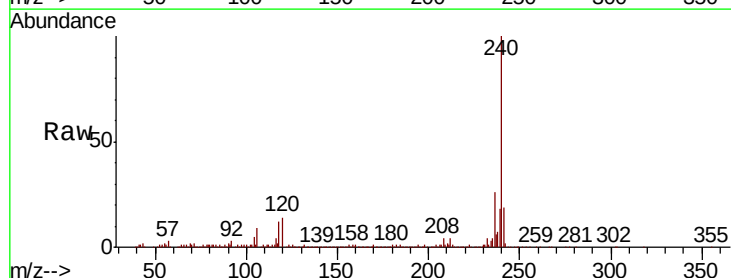
Instrument :
BNA_F
ClientSampleId :
CONCRETE

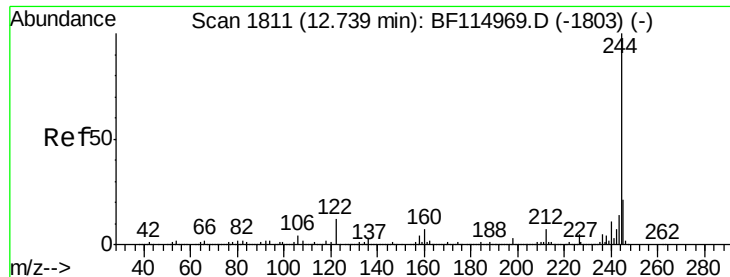
Tot Ion:188 Resp: 841914
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.3 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115065.D
Acq: 15 Jun 2019 2:35

Tgt Ion:240 Resp: 523268
Ion Ratio Lower Upper
240 100
120 13.6 10.0 15.0
236 26.4 21.6 32.4





#79

Terphenyl-d14

Concen: 8.316 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115065.D

Acq: 15 Jun 2019 2:35

Instrument :

BNA_F

ClientSampleId :

CONCRETE

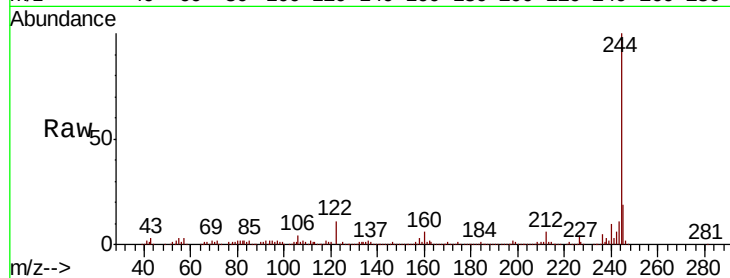
Tot Ion:244 Resp: 231346

Ion Ratio Lower Upper

244 100

212 5.9 5.8 8.8

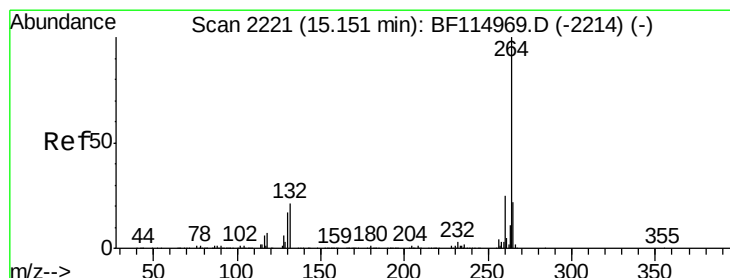
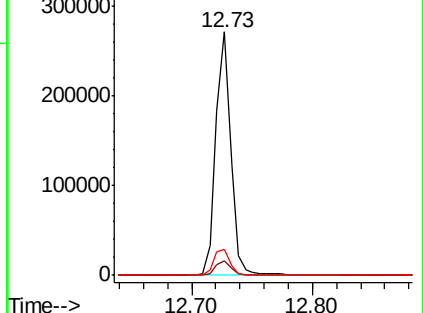
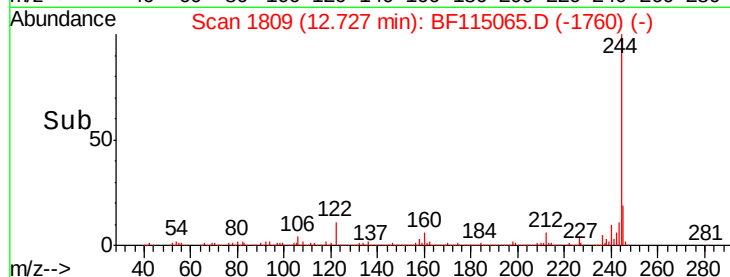
122 10.7 9.4 14.0



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: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF115065.D

Acq: 15 Jun 2019 2:35

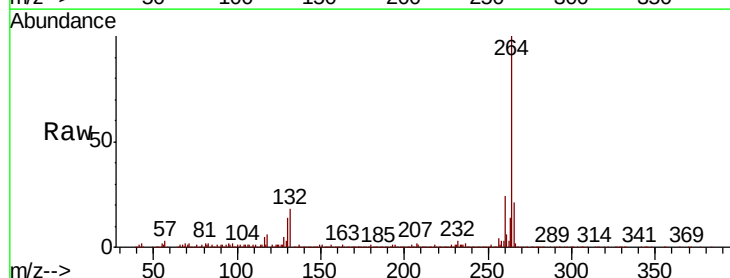
Tgt Ion:264 Resp: 513042

Ion Ratio Lower Upper

264 100

260 23.9 19.9 29.9

265 21.3 17.6 26.4



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

