

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113639.D
 Acq On : 6 Apr 2019 2:34
 Operator : JU/SJ
 Sample : K2265-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BW-04419

Quant Time: Apr 06 03:50:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	100724	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	374583	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	163848	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	301781	20.00	ng	0.00
76) Chrysene-d12	13.84	240	147093	20.00	ng	0.00
87) Perylene-d12	15.27	264	126078	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	35149	5.95	ng	0.01
7) Phenol-d6	6.36	99	29018	3.99	ng	0.02
23) Nitrobenzene-d5	7.25	82	42494	6.64	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	20899	10.62	ng	0.00
45) 2-Fluorobiphenyl	9.04	172	121875	11.97	ng	-0.01
79) Terphenyl-d14	12.78	244	98572	13.64	ng	-0.01

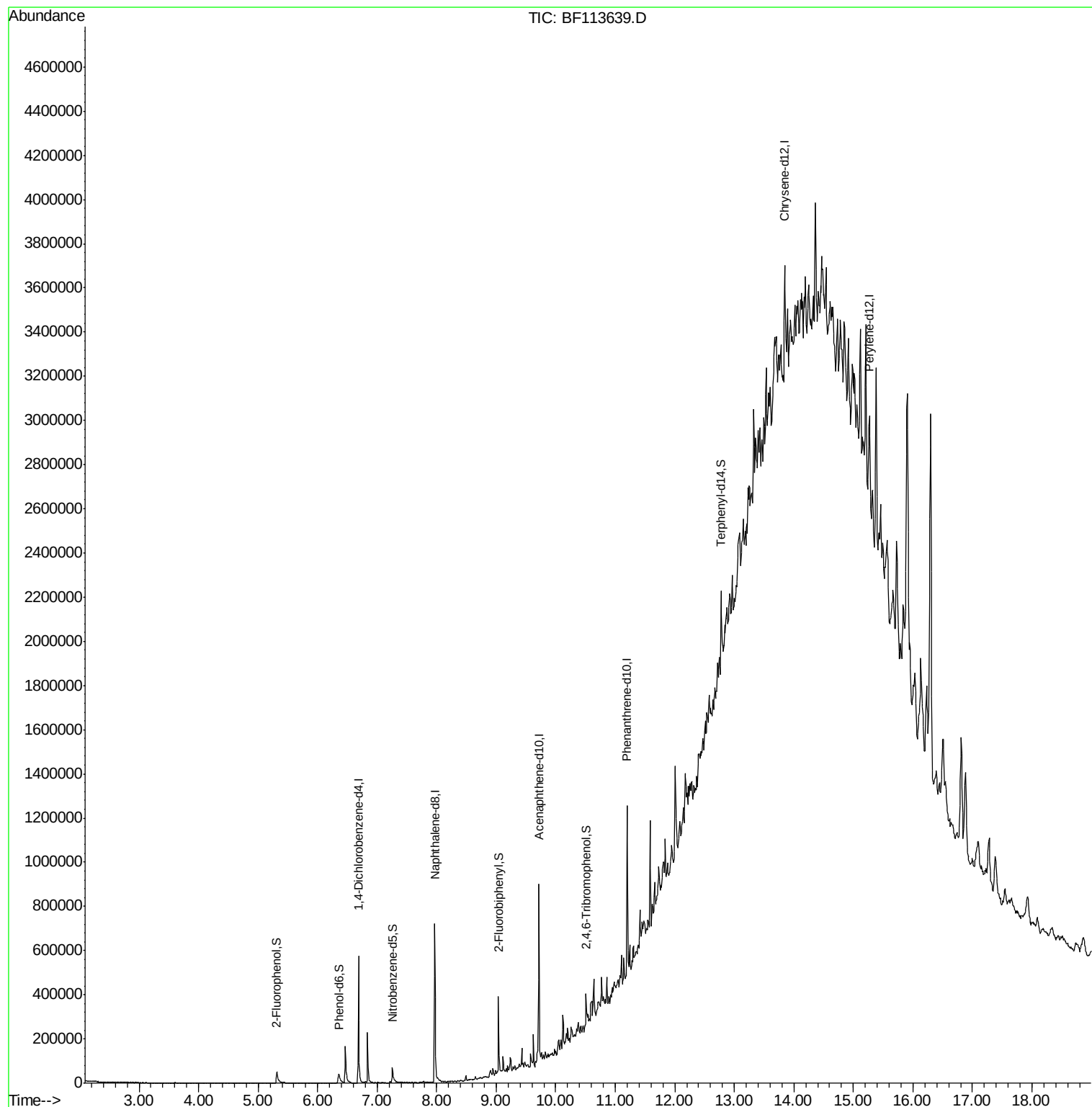
Target Compounds	Qvalue
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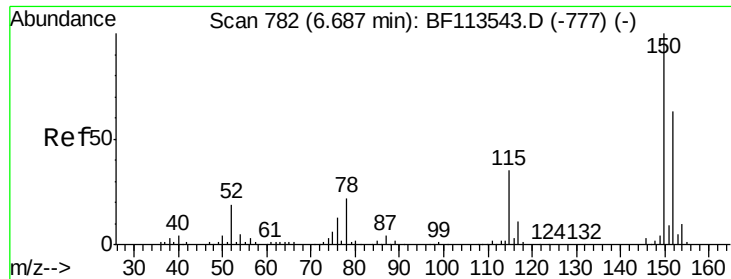
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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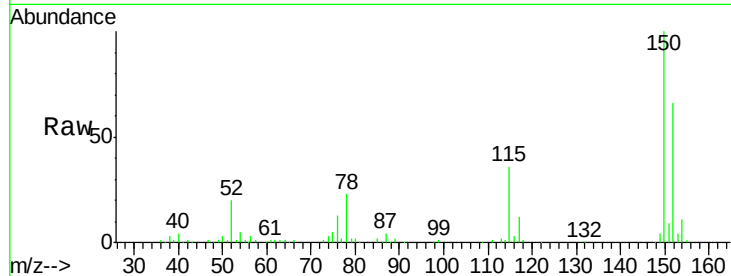


#1

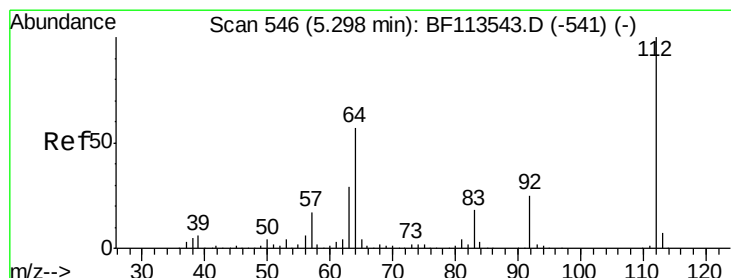
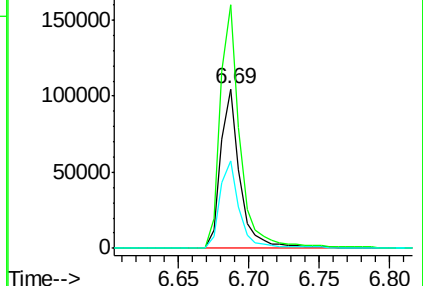
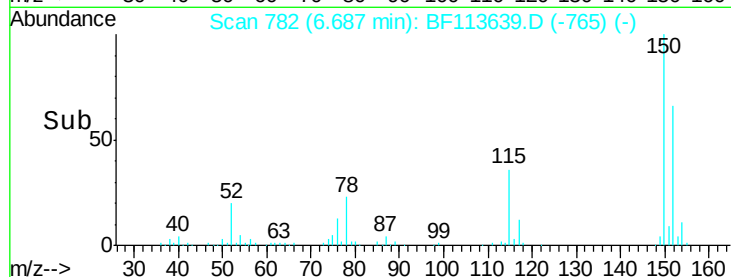
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113639.D
Acq: 6 Apr 2019 2:34

Instrument :
BNA_F
ClientSampleId :
BW-04419

Tgt Ion:152 Resp: 100724
Ion Ratio Lower Upper
152 100
150 152.7 124.7 187.1
115 54.9 46.0 69.0



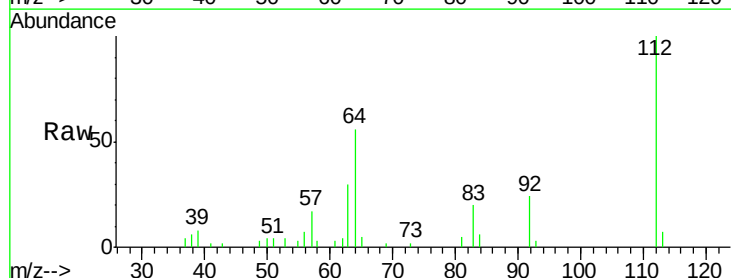
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



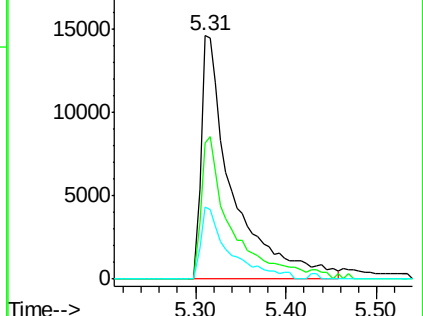
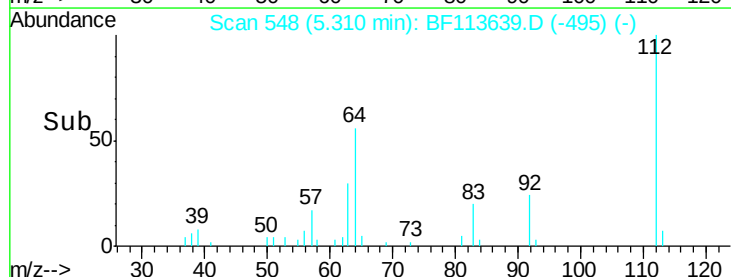
#5

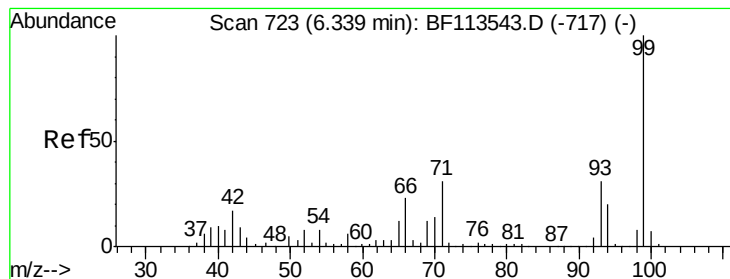
2-Fluorophenol
Concen: 5.951 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113639.D
Acq: 6 Apr 2019 2:34

Tgt Ion:112 Resp: 35149
Ion Ratio Lower Upper
112 100
64 55.9 49.2 73.8
63 29.9 24.9 37.3



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: 3.986 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Instrument :

BNA_F

ClientSampleId :

BW-04419

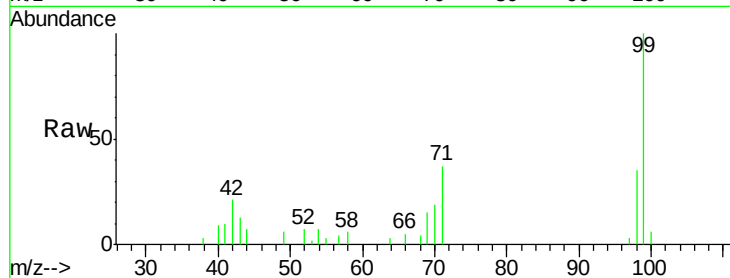
Tgt Ion: 99 Resp: 29018

Ion Ratio Lower Upper

99 100

42 21.2 14.8 22.2

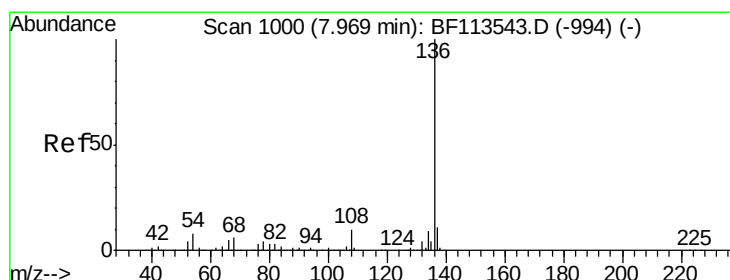
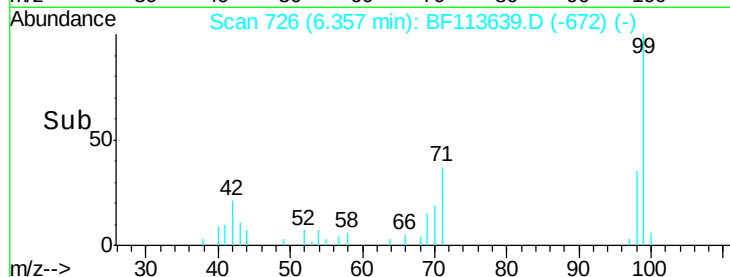
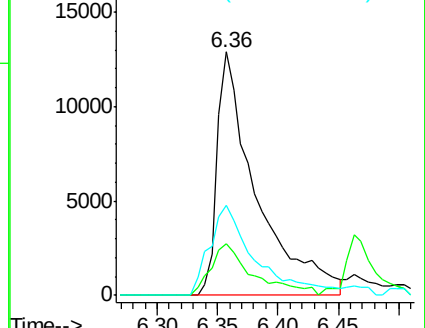
71 36.7 24.9 37.3



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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Tgt Ion: 136 Resp: 374583

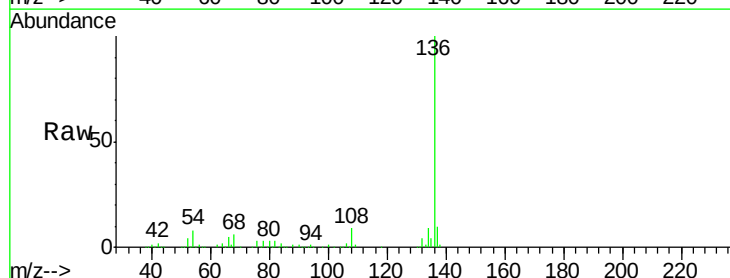
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.9 7.0 10.6

68 5.7 4.8 7.2

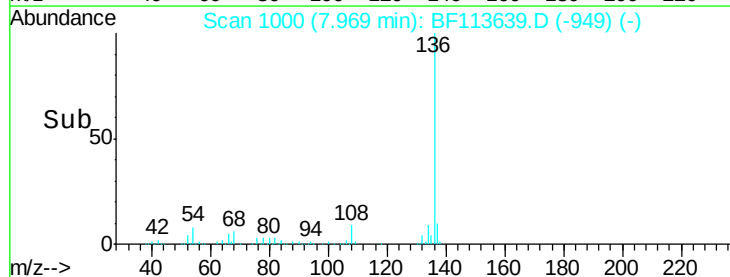
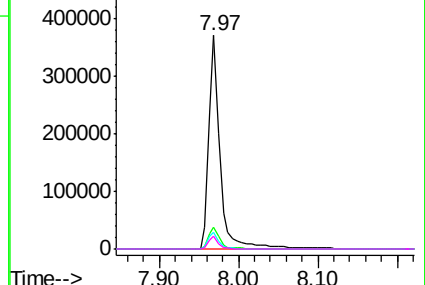


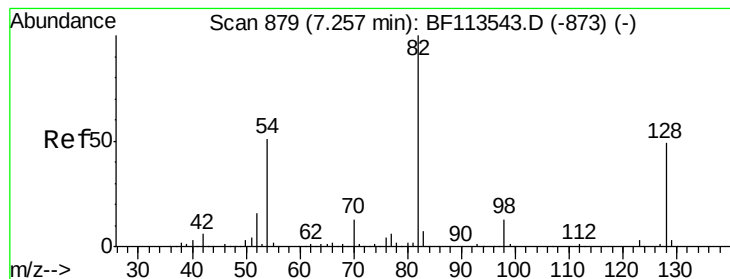
Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.645 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Instrument :

BNA_F

ClientSampleId :

BW-04419

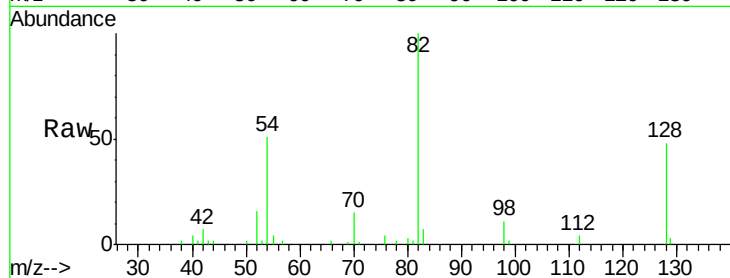
Tgt Ion: 82 Resp: 42494

Ion Ratio Lower Upper

82 100

128 48.1 36.5 54.7

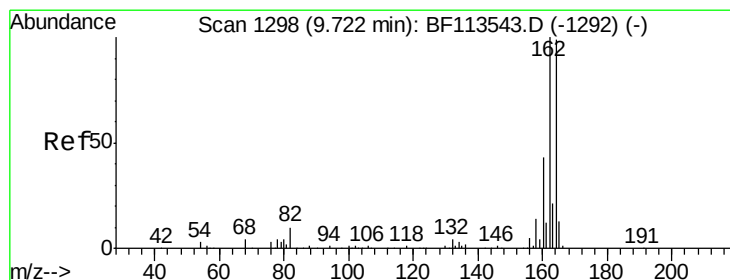
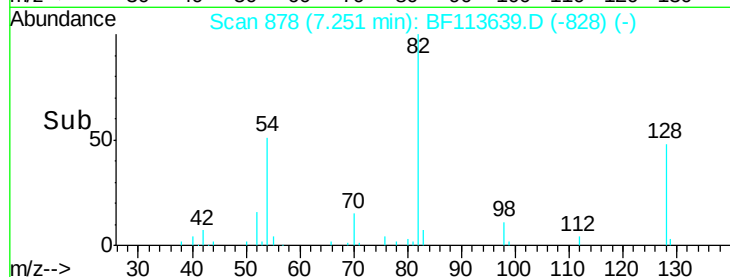
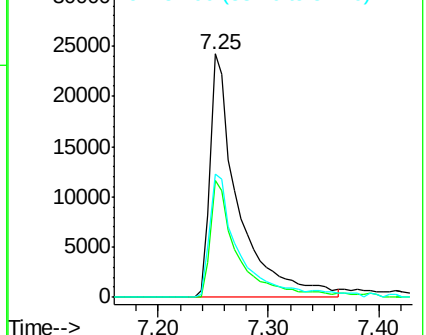
54 50.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

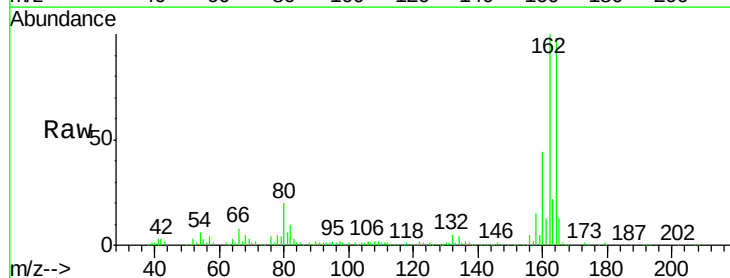
Tgt Ion: 164 Resp: 163848

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

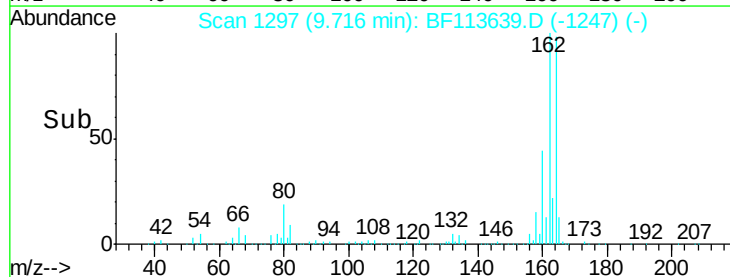
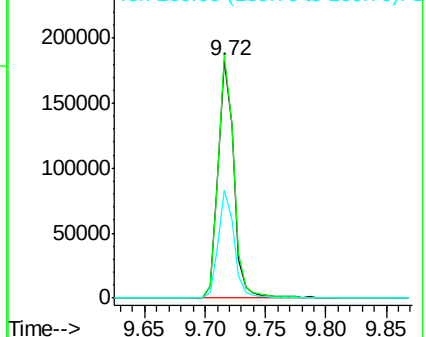
160 45.2 36.4 54.6

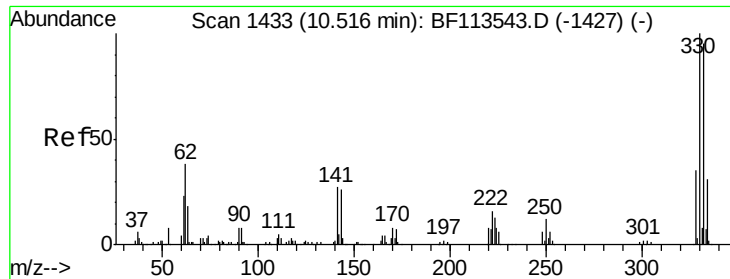


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

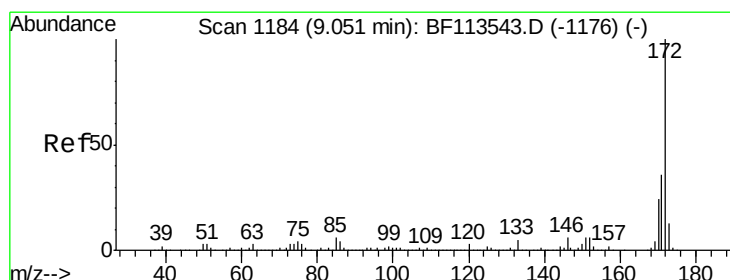
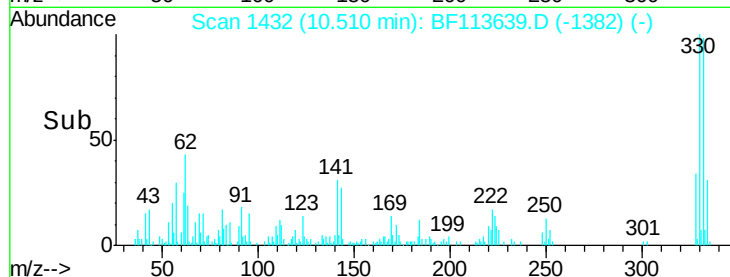
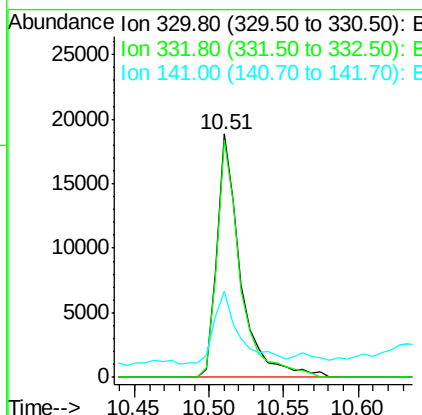
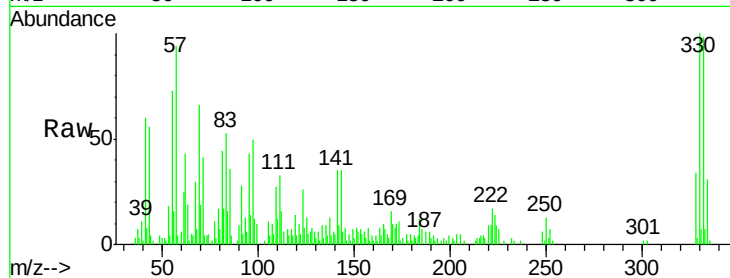




#42
 2,4,6-Tribromophenol
 Concen: 10.618 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113639.D
 Acq: 6 Apr 2019 2:34

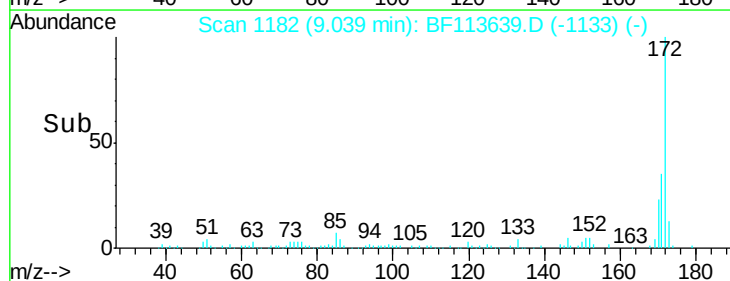
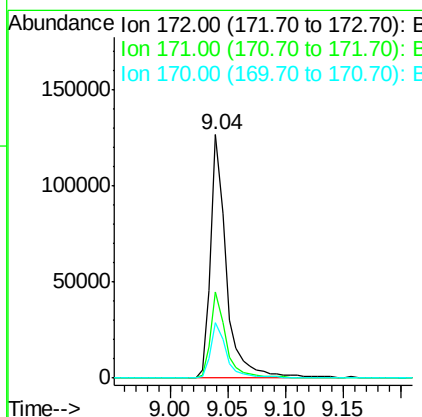
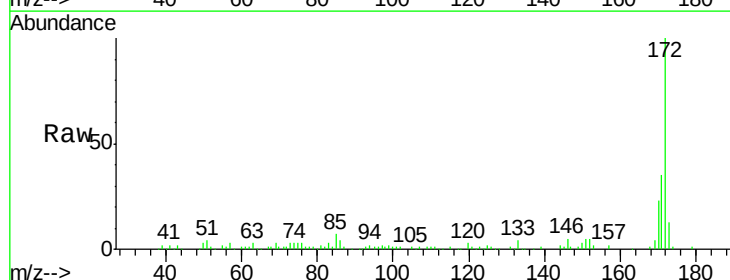
Instrument :
 BNA_F
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 BW-04419

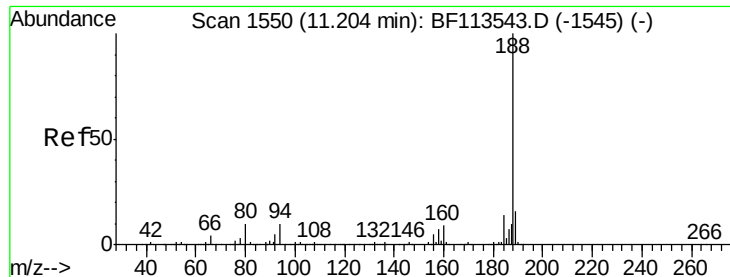
Tgt Ion:330 Resp: 20899
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 32.1 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 11.975 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113639.D
 Acq: 6 Apr 2019 2:34

Tgt Ion:172 Resp: 121875
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 22.8 19.5 29.3

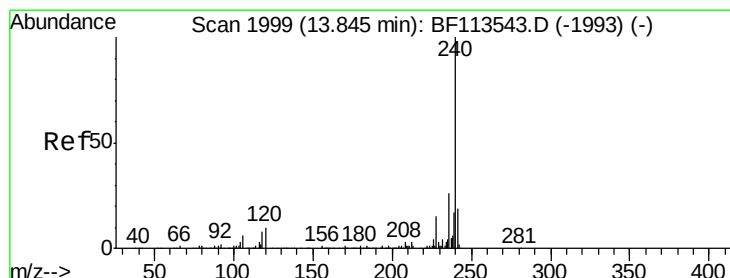
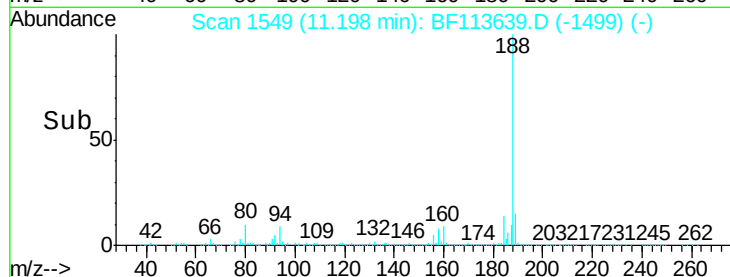
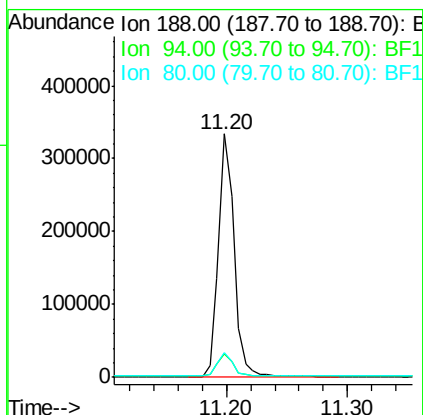
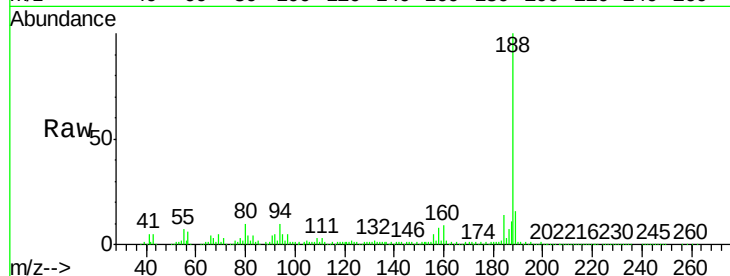




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113639.D
Acq: 6 Apr 2019 2:34

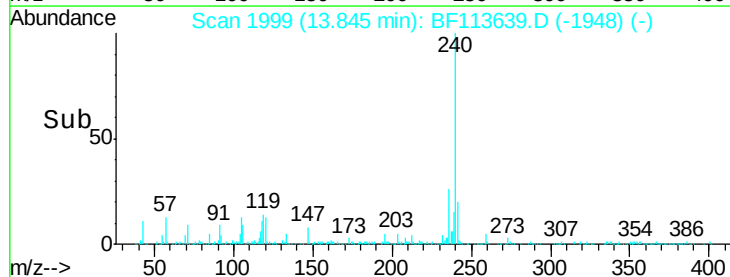
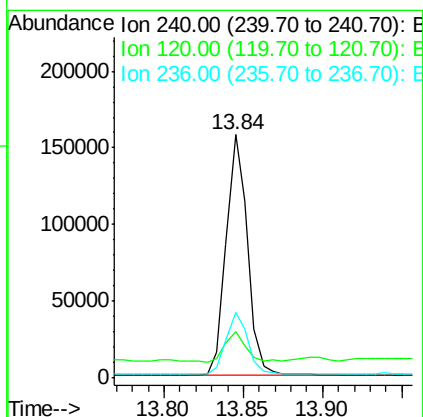
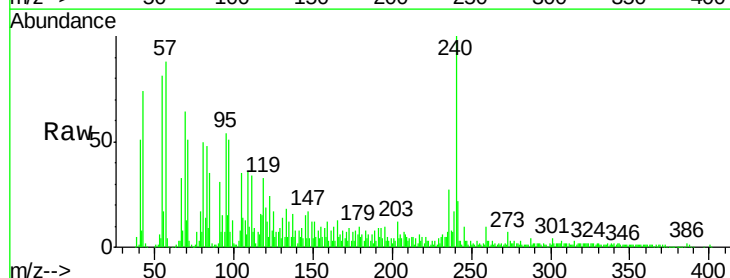
Instrument :
BNA_F
ClientSampleId :
BW-04419

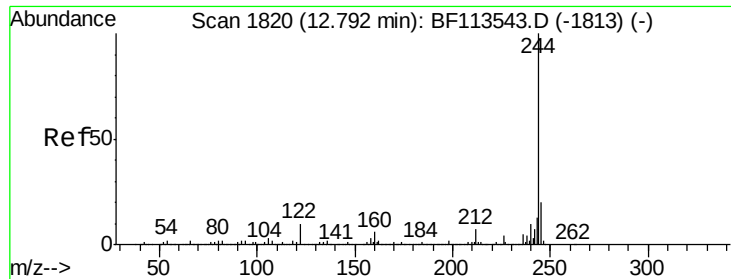
Tgt Ion:188 Resp: 301781
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113639.D
Acq: 6 Apr 2019 2:34

Tgt Ion:240 Resp: 147093
Ion Ratio Lower Upper
240 100
120 18.9 8.8 13.2#
236 27.1 20.9 31.3





#79

Terphenyl-d14

Concen: 13.644 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Instrument :

BNA_F

ClientSampleId :

BW-04419

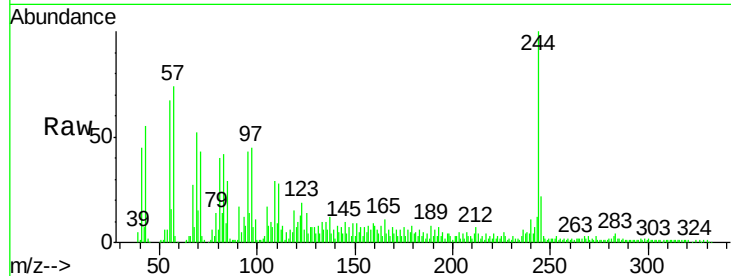
Tgt Ion:244 Resp: 98572

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

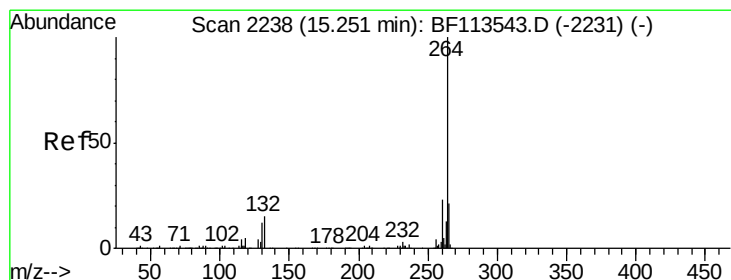
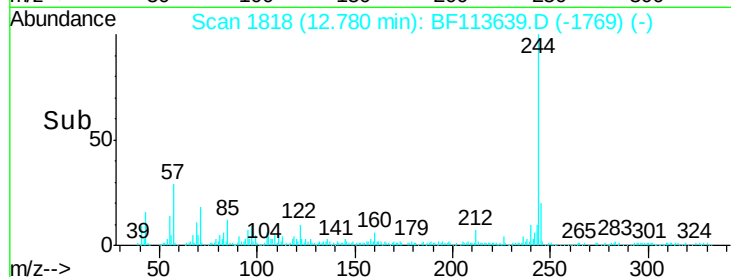
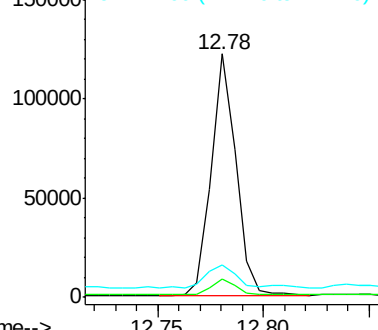
122 13.2 8.6 13.0#



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: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

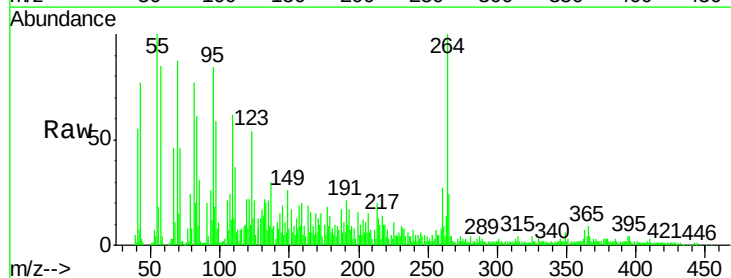
Tgt Ion:264 Resp: 126078

Ion Ratio Lower Upper

264 100

260 26.9 19.1 28.7

265 24.4 17.1 25.7



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

