

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113559.D
 Acq On : 3 Apr 2019 22:44
 Operator : JU/SJ
 Sample : K2190-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1

Quant Time: Apr 04 05:43:39 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	122757	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	418966	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	169616	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	304742	20.00	ng	0.00
76) Chrysene-d12	13.84	240	319746	20.00	ng	0.00
87) Perylene-d12	15.24	264	288855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	788347	109.51	ng	0.01
7) Phenol-d6	6.33	99	890562	100.37	ng	0.00
23) Nitrobenzene-d5	7.25	82	632013	88.36	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	257861	126.56	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1107488	105.12	ng	0.00
79) Terphenyl-d14	12.79	244	1123332	71.53	ng	0.00

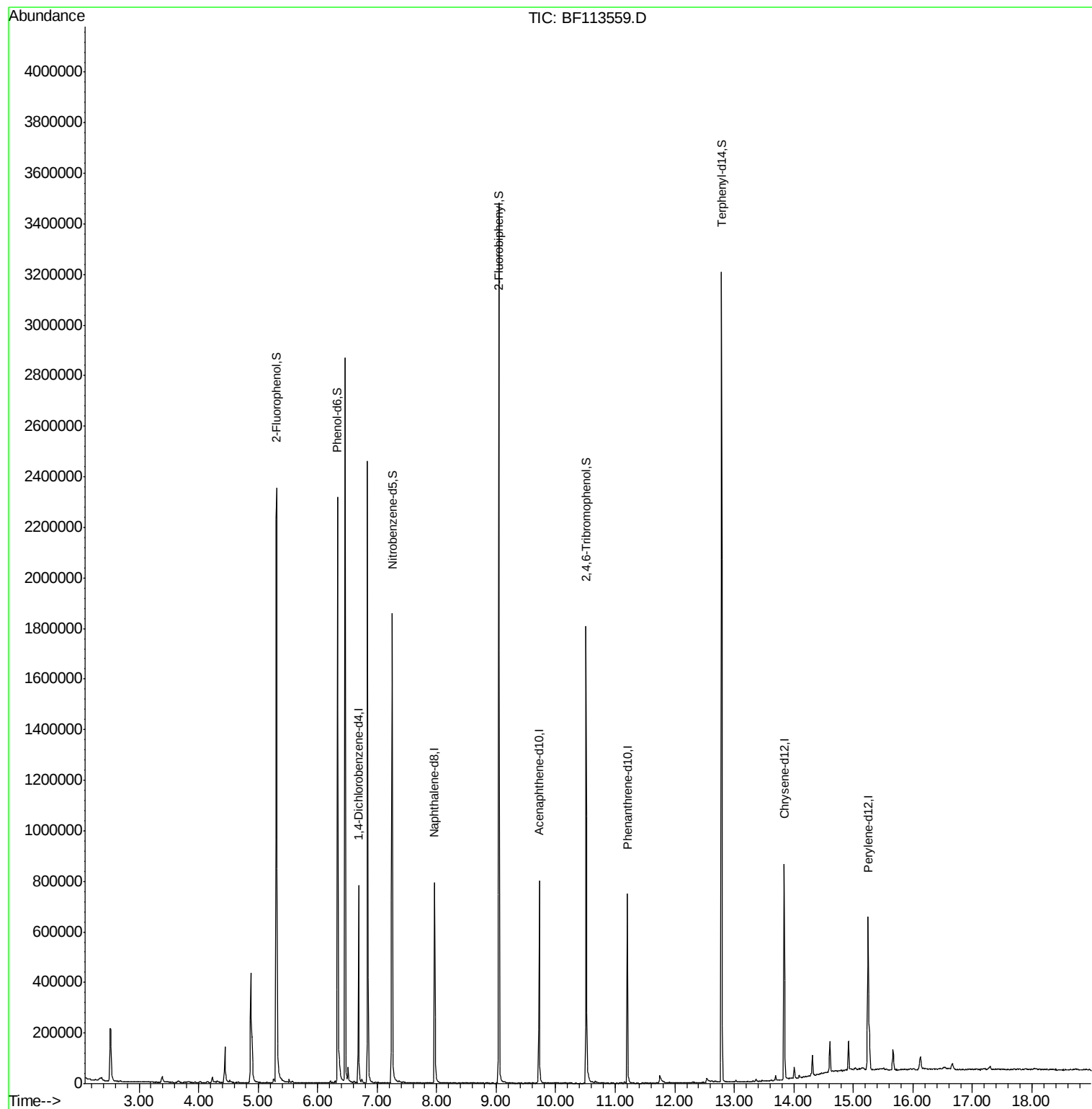
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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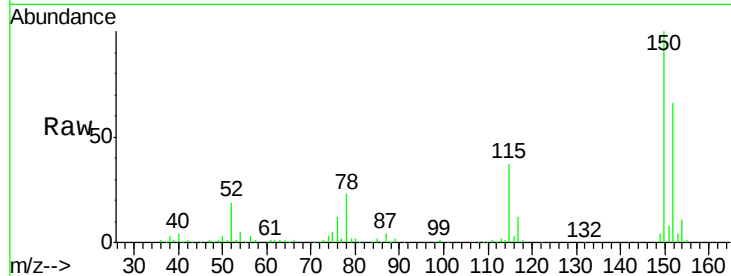


#1

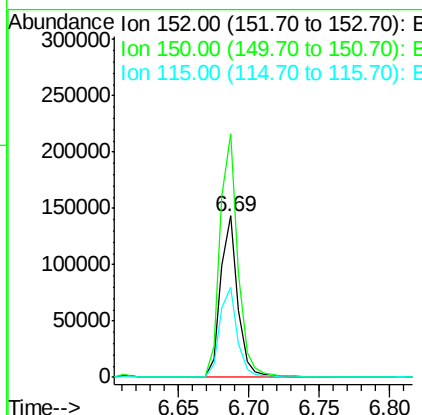
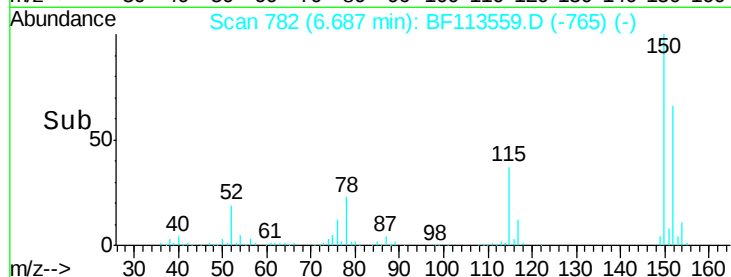
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113559.D
Acq: 3 Apr 2019 22:44

Instrument :
BNA_F
ClientSampleId :
VN-SP-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.7	187.1
115	56.1	46.0	69.0



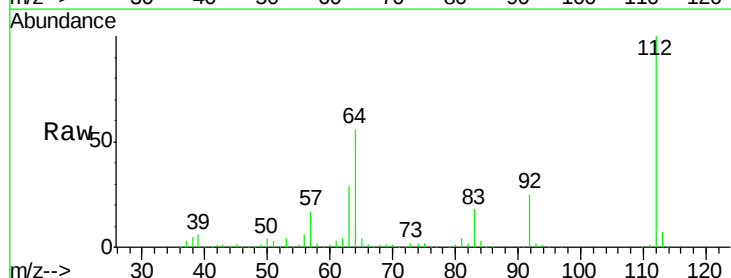
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



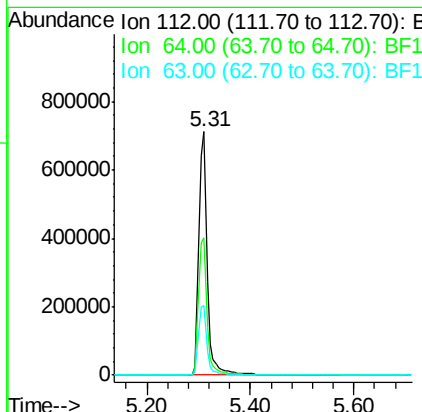
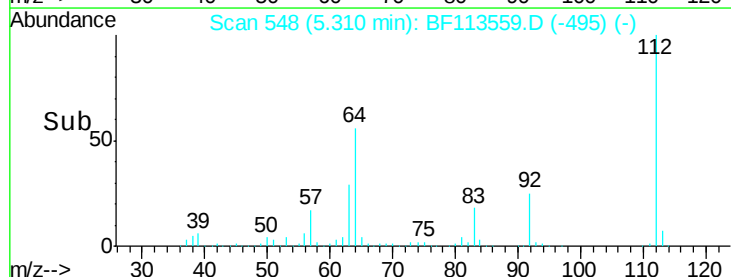
#5

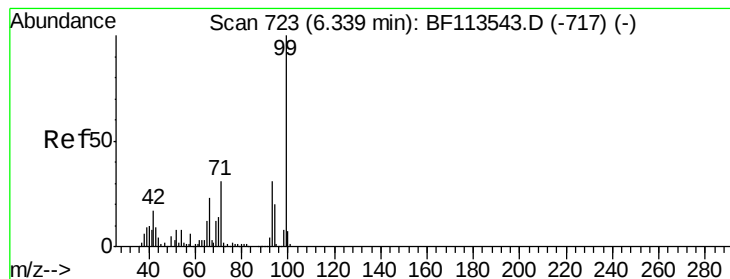
2-Fluorophenol
Concen: 109.510 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113559.D
Acq: 3 Apr 2019 22:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	49.2	73.8
63	28.8	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: 100.372 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113559.D

Acq: 3 Apr 2019 22:44

Instrument :

BNA_F

ClientSampleId :

VN-SP-1

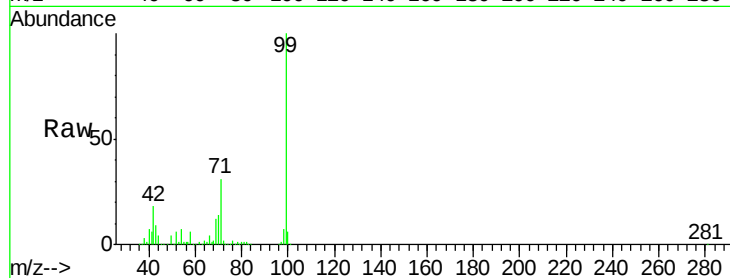
Tgt Ion: 99 Resp: 890562

Ion Ratio Lower Upper

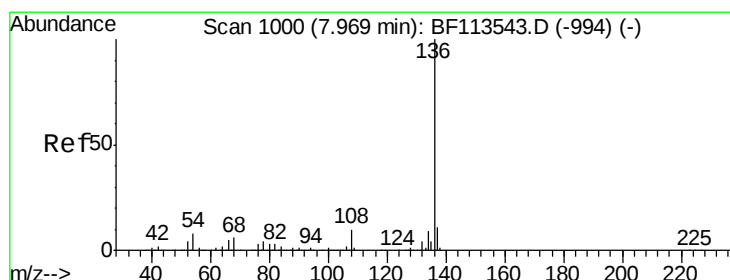
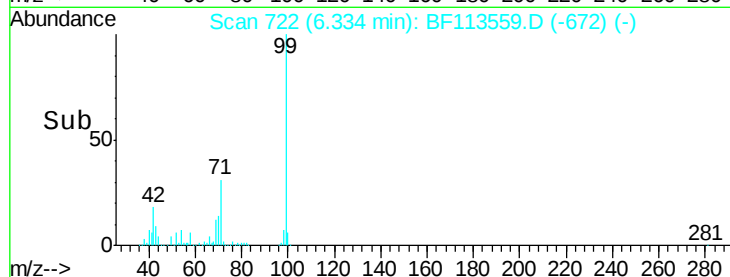
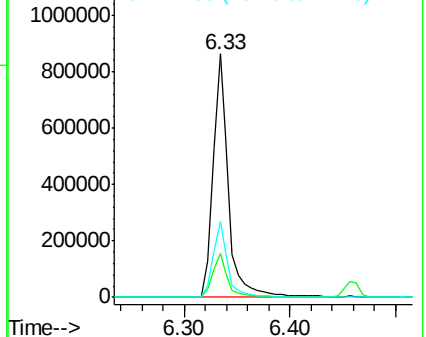
99 100

42 18.0 14.8 22.2

71 31.0 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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113559.D

Acq: 3 Apr 2019 22:44

Tgt Ion: 136 Resp: 418966

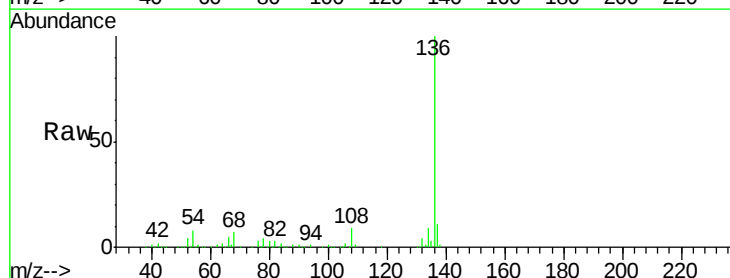
Ion Ratio Lower Upper

136 100

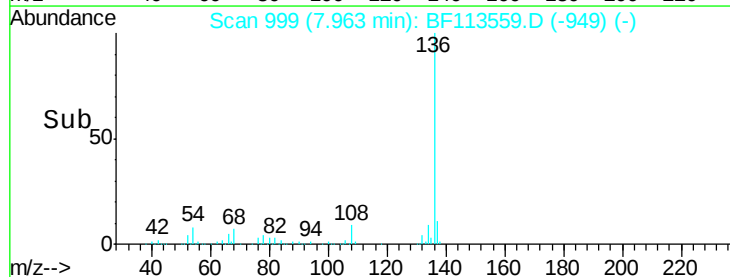
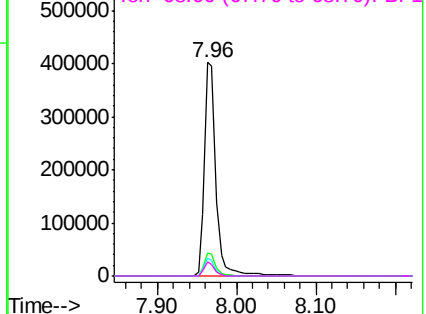
137 11.1 8.9 13.3

54 8.4 7.0 10.6

68 6.5 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

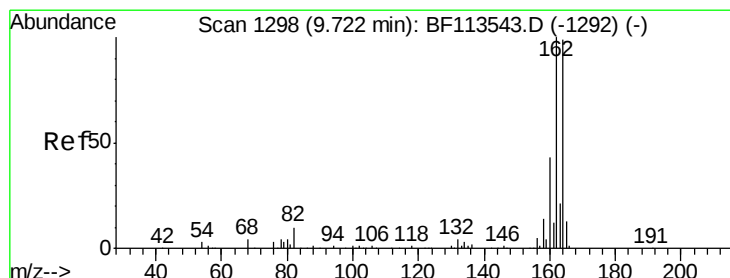
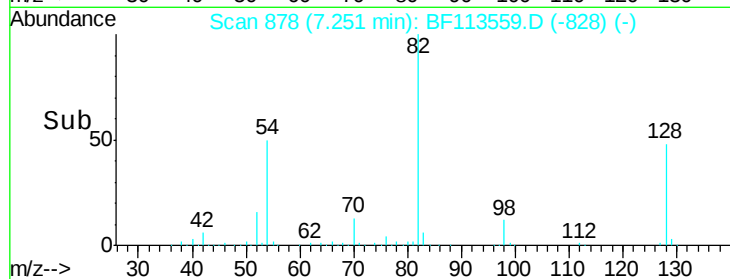
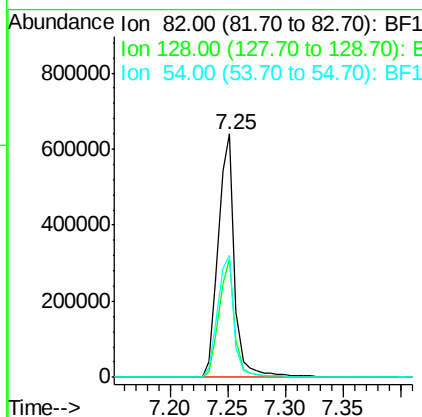
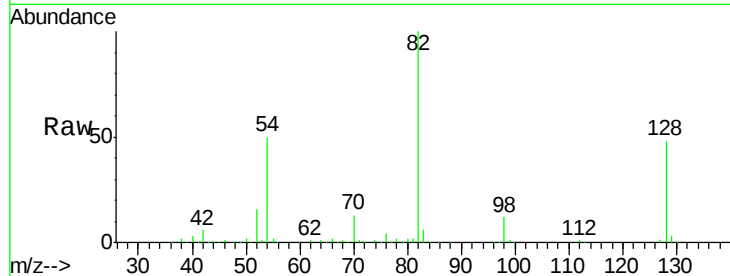




#23
Nitrobenzene-d5
Concen: 88.361 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113559.D
Acq: 3 Apr 2019 22:44

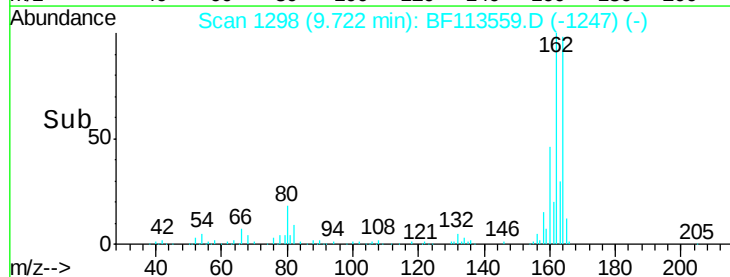
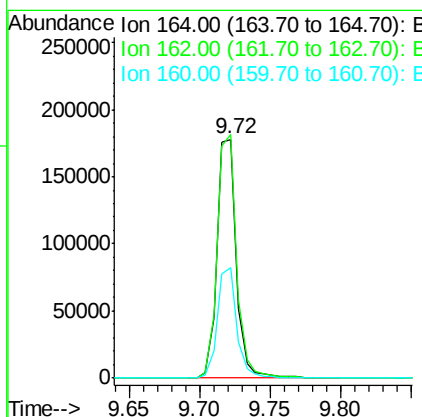
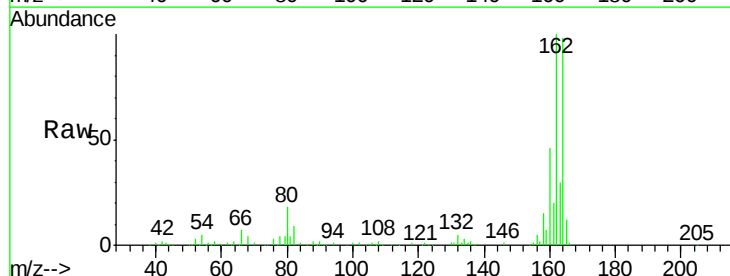
Instrument :
BNA_F
ClientSampled :
VN-SP-1

Tgt Ion: 82 Resp: 632013
Ion Ratio Lower Upper
82 100
128 48.4 36.5 54.7
54 50.0 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF113559.D
Acq: 3 Apr 2019 22:44

Tgt Ion: 164 Resp: 169616
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 46.5 36.4 54.6

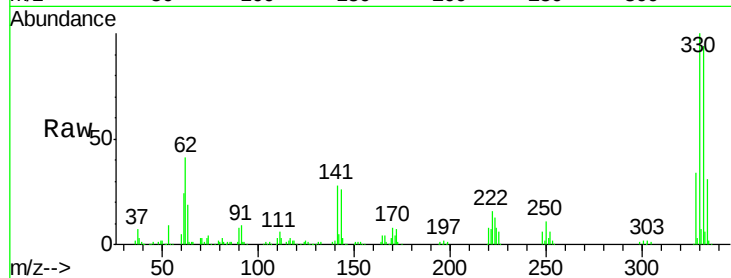




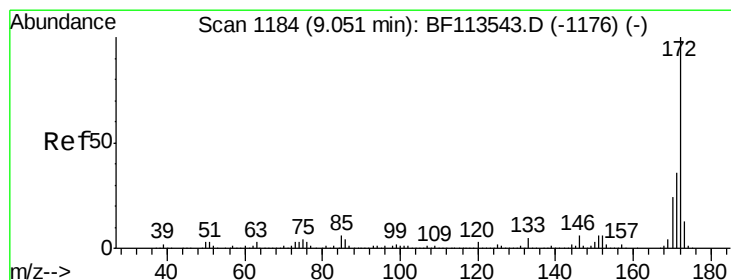
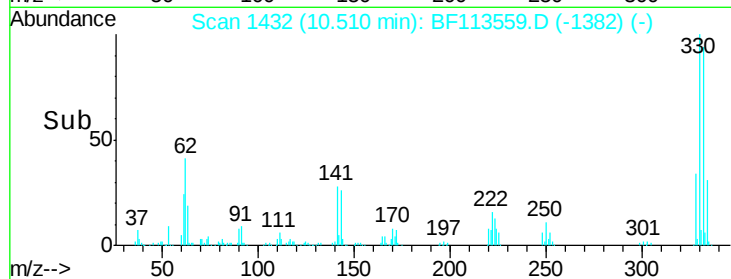
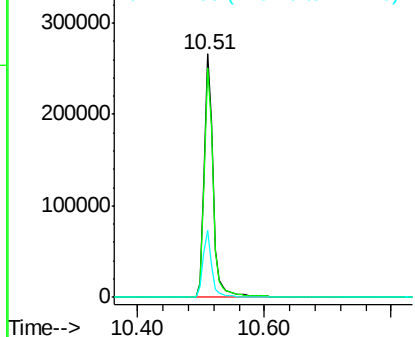
#42
 2,4,6-Tribromophenol
 Concen: 126.557 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113559.D
 Acq: 3 Apr 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1

Tgt Ion:330 Resp: 257861
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.8 116.6
 141 26.8 22.7 34.1

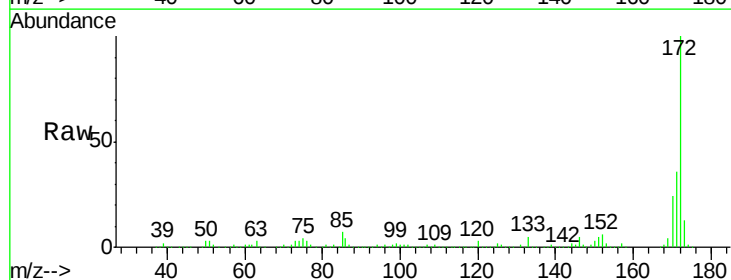


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

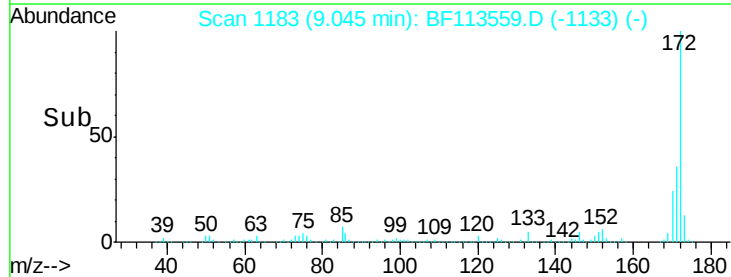
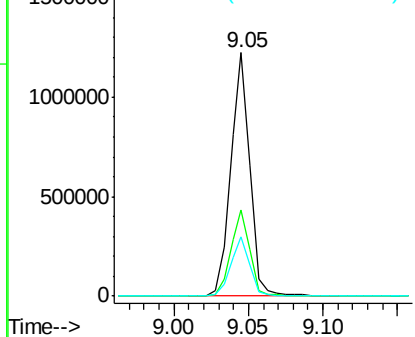


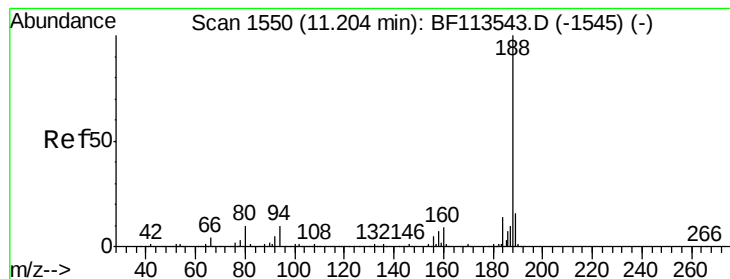
#45
 2-Fluorobiphenyl
 Concen: 105.116 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113559.D
 Acq: 3 Apr 2019 22:44

Tgt Ion:172 Resp: 1107488
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.4 19.5 29.3



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: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF113559.D

Acq: 3 Apr 2019 22:44

Instrument :

BNA_F

ClientSampleId :

VN-SP-1

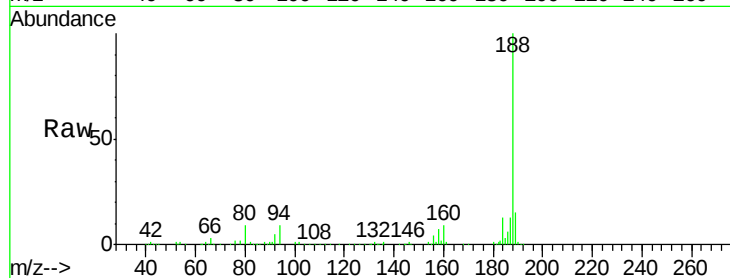
Tgt Ion:188 Resp: 304742

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

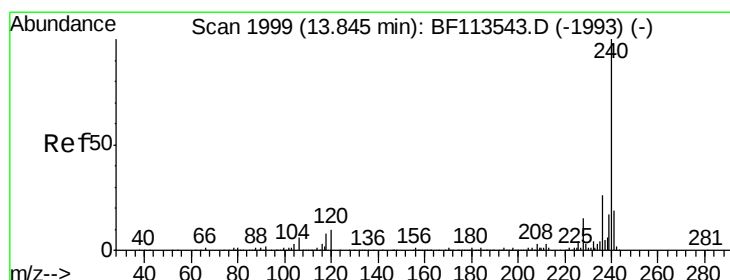
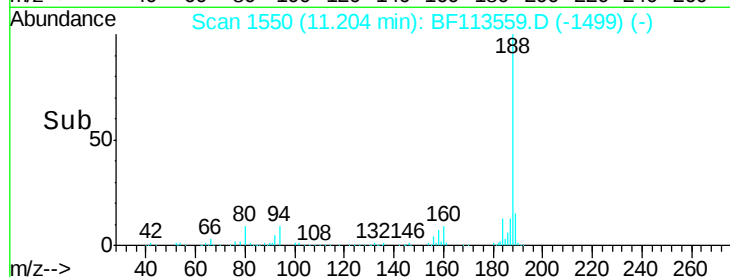
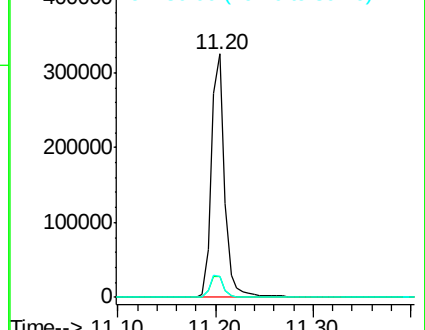
80 8.7 7.7 11.5



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113559.D

Acq: 3 Apr 2019 22:44

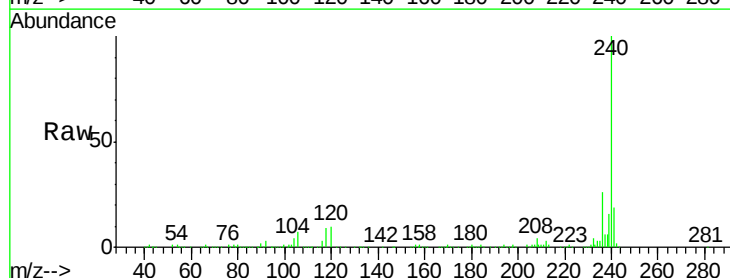
Tgt Ion:240 Resp: 319746

Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

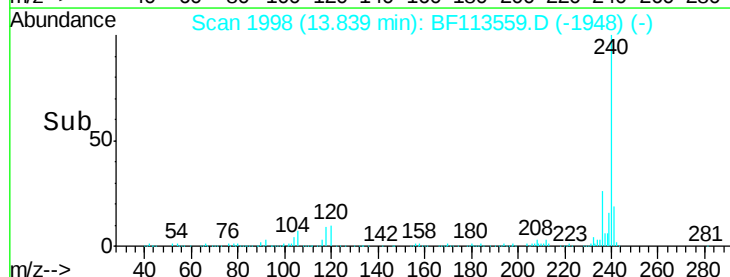
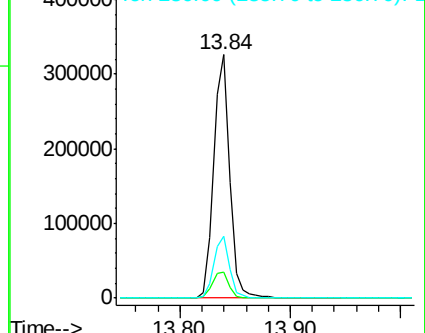
236 25.6 20.9 31.3

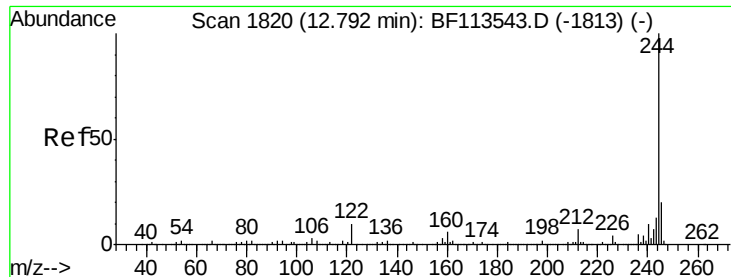


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.529 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113559.D

Acq: 3 Apr 2019 22:44

Instrument :

BNA_F

ClientSampleId :

VN-SP-1

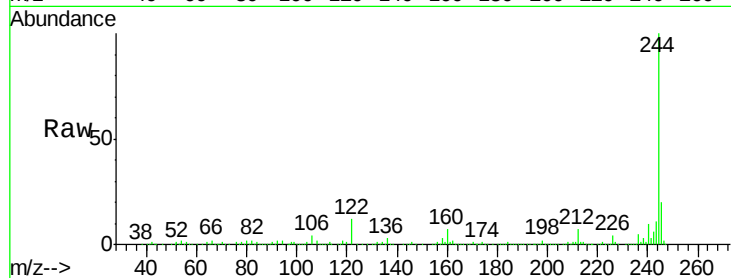
Tgt Ion:244 Resp: 1123332

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

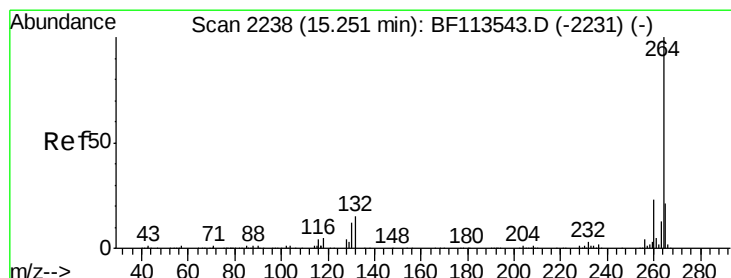
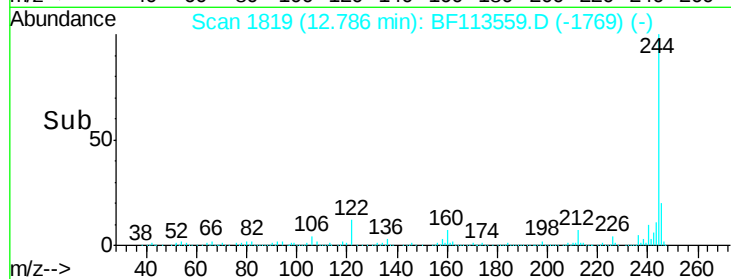
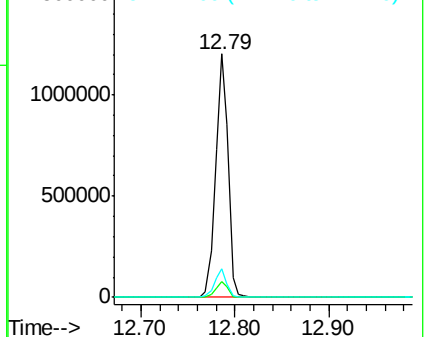
122 11.6 8.6 13.0



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: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF113559.D

Acq: 3 Apr 2019 22:44

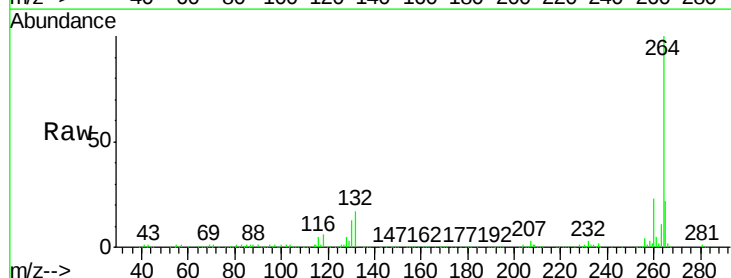
Tgt Ion:264 Resp: 288855

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.8 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

