

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114939.D
 Acq On : 11 Jun 2019 11:59
 Operator : HP/JU
 Sample : PB120177BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BL

Quant Time: Jun 11 13:19:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	244111	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	930989	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	464021	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	948011	20.00	ng	0.00
76) Chrysene-d12	13.77	240	781070	20.00	ng	-0.02
87) Perylene-d12	15.16	264	769120	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1785538	123.79	ng	0.00
7) Phenol-d6	6.30	99	2192193	126.00	ng	0.00
23) Nitrobenzene-d5	7.22	82	1360374	89.78	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	579278	114.76	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2475224	84.66	ng	0.00
79) Terphenyl-d14	12.74	244	3063942	78.01	ng	0.00

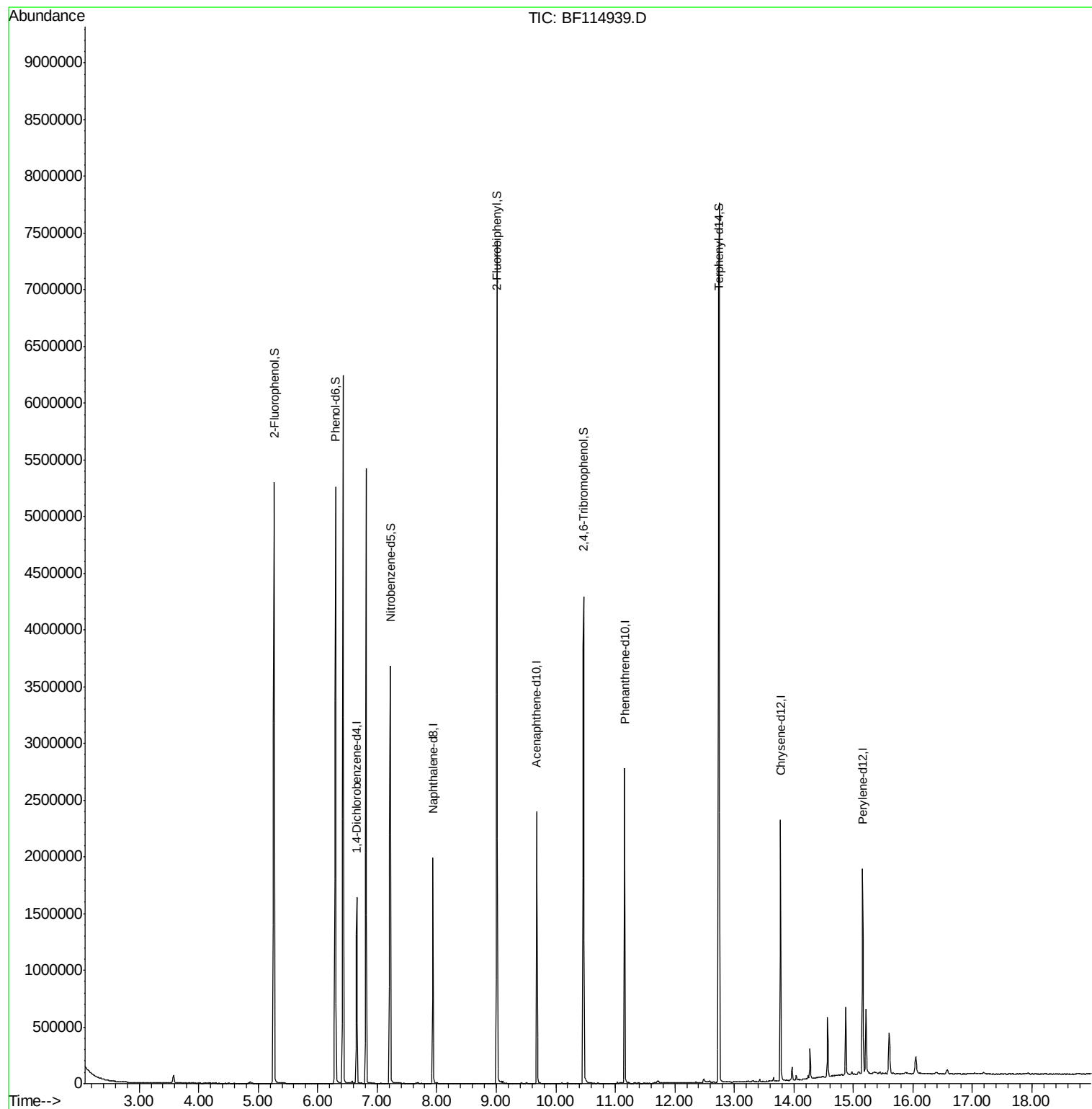
Target Compounds	Qvalue
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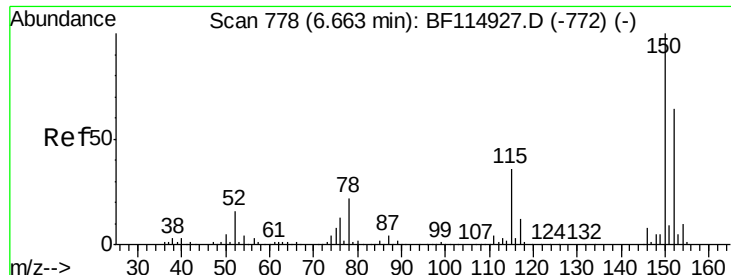
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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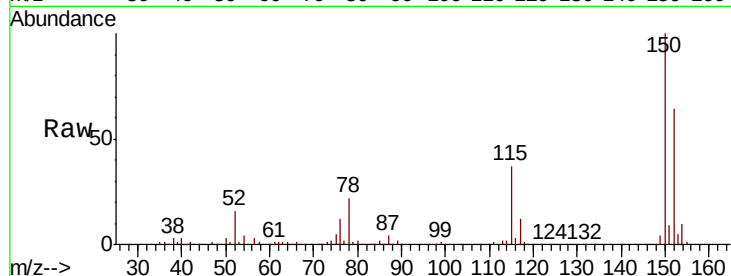


#1

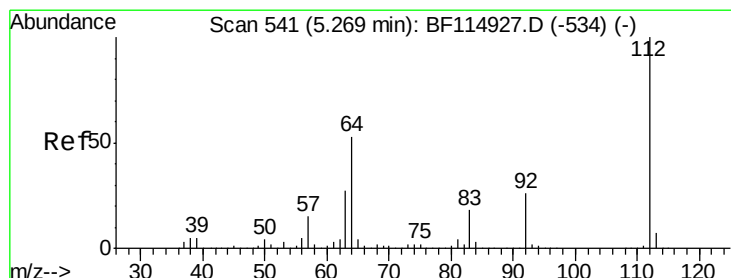
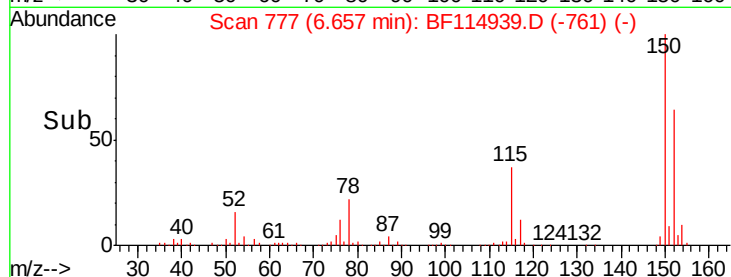
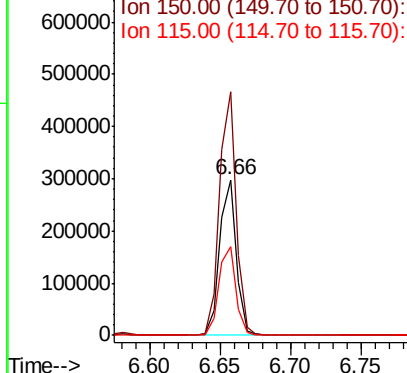
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114939.D
Acq: 11 Jun 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB120177BL

Tgt Ion:152 Resp: 244111
Ion Ratio Lower Upper
152 100
150 156.2 125.2 187.8
115 57.1 45.0 67.4



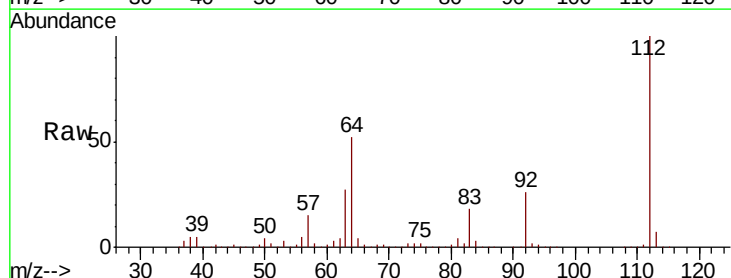
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



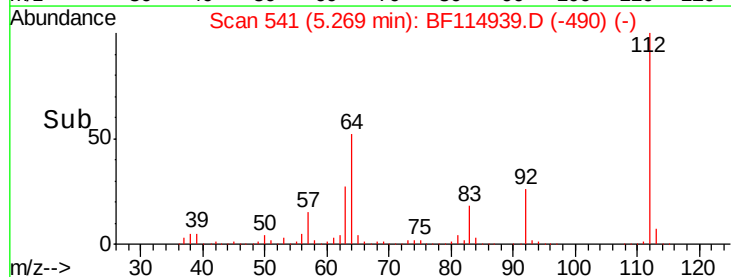
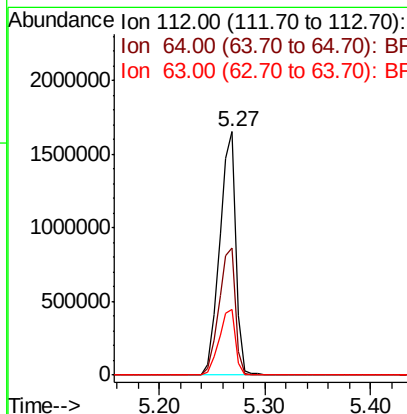
#5

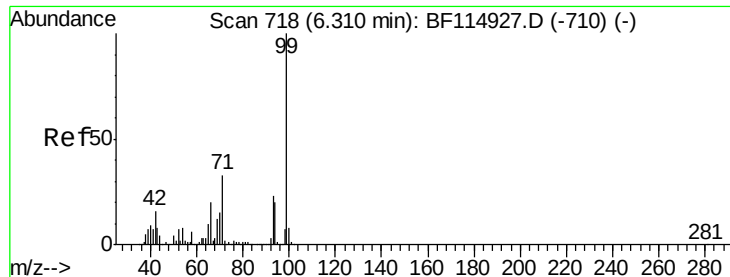
2-Fluorophenol
Concen: 123.791 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF114939.D
Acq: 11 Jun 2019 11:59

Tgt Ion:112 Resp: 1785538
Ion Ratio Lower Upper
112 100
64 52.2 42.1 63.1
63 26.9 21.8 32.8



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: 126.003 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB120177BL

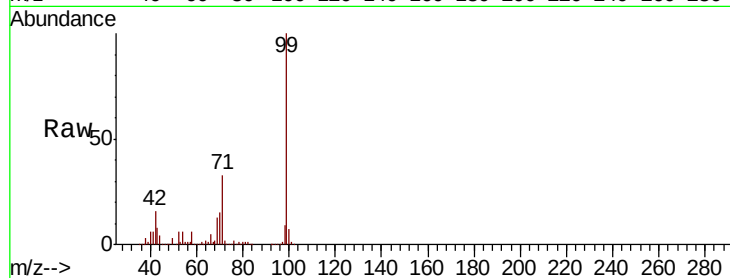
Tgt Ion: 99 Resp: 2192193

Ion Ratio Lower Upper

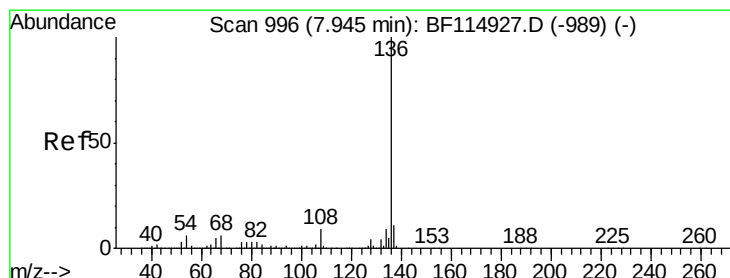
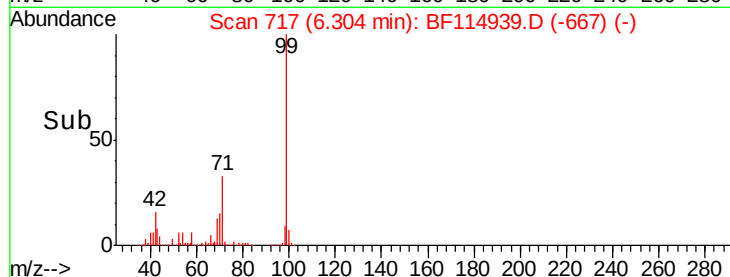
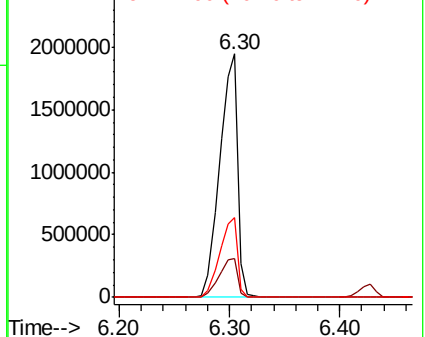
99 100

42 15.9 13.1 19.7

71 33.0 26.8 40.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Tgt Ion: 136 Resp: 930989

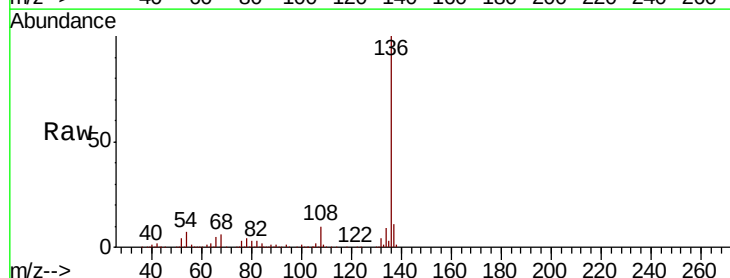
Ion Ratio Lower Upper

136 100

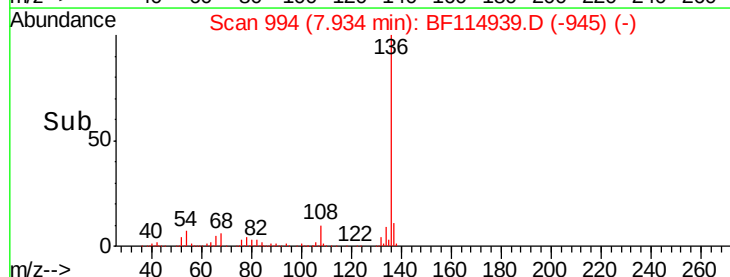
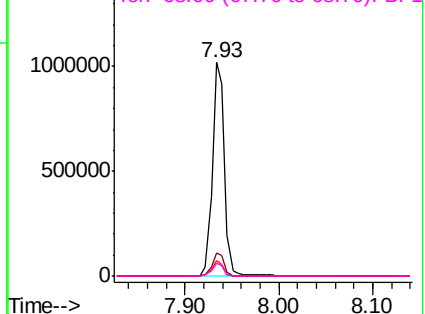
137 11.0 9.0 13.6

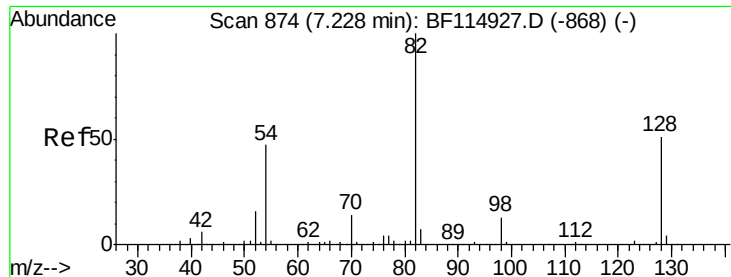
54 7.3 5.2 7.8

68 6.2 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: 89.780 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB120177BL

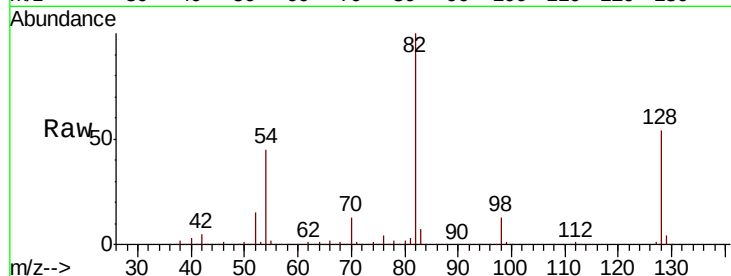
Tgt Ion: 82 Resp: 1360374

Ion Ratio Lower Upper

82 100

128 54.4 40.9 61.3

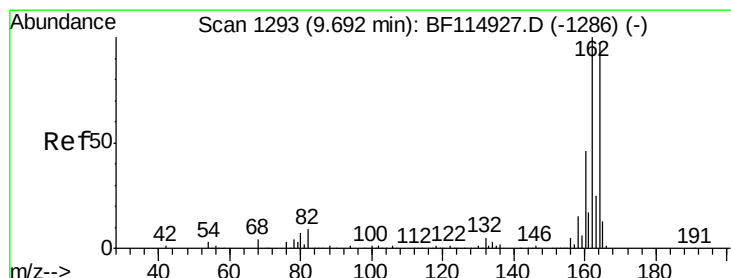
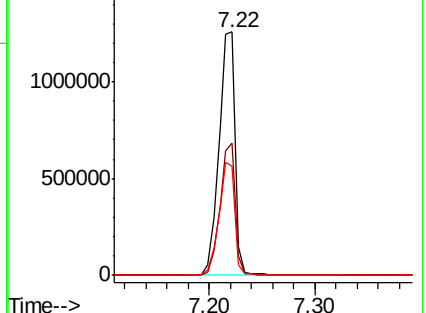
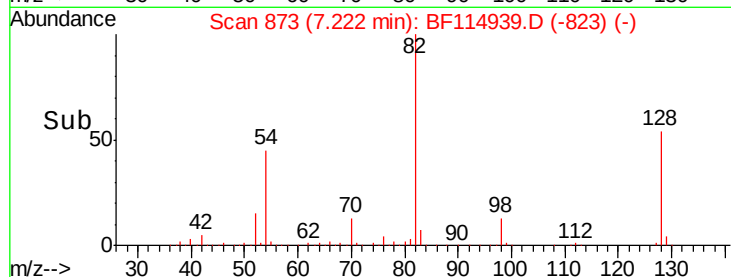
54 44.7 37.4 56.0



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: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

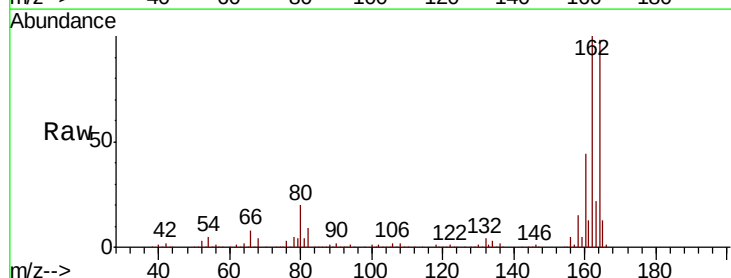
Tgt Ion: 164 Resp: 464021

Ion Ratio Lower Upper

164 100

162 102.3 82.4 123.6

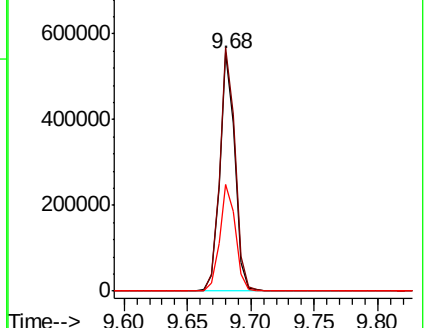
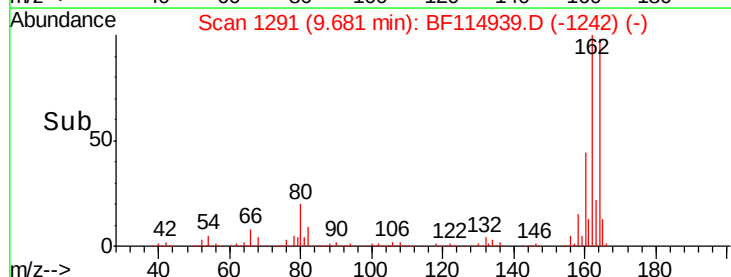
160 44.7 37.5 56.3

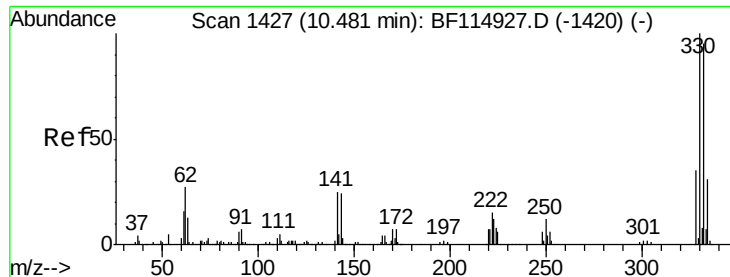


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

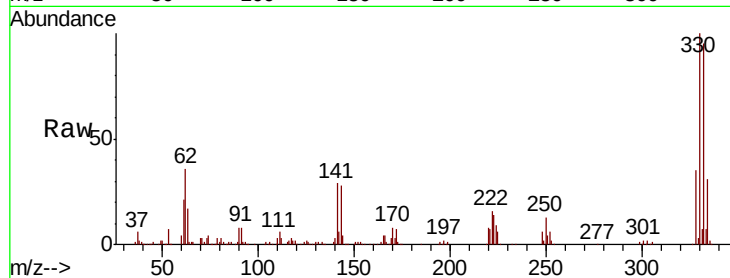




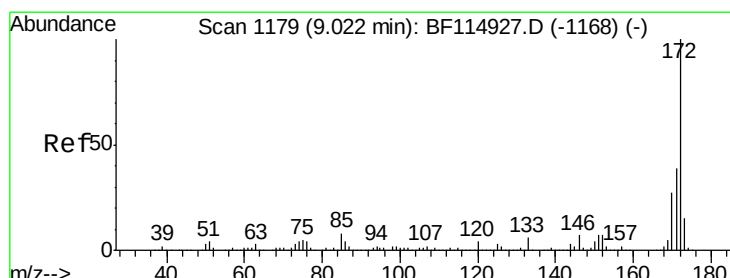
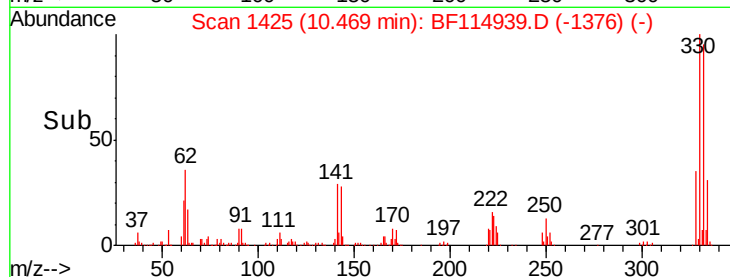
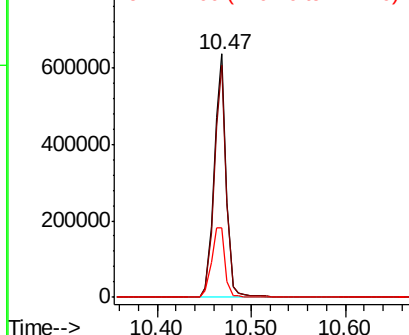
#42
 2,4,6-Tribromophenol
 Concen: 114.761 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114939.D
 Acq: 11 Jun 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB120177BL

Tgt Ion:330 Resp: 579278
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.4 114.6
 141 32.9 26.8 40.2

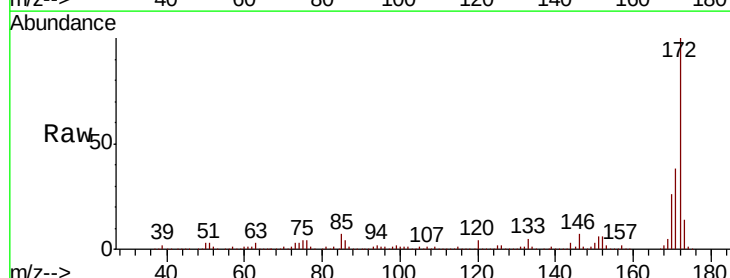


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

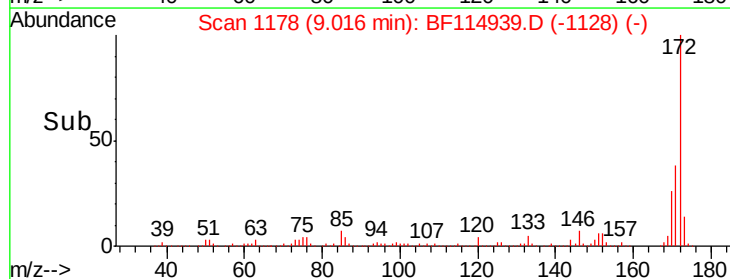
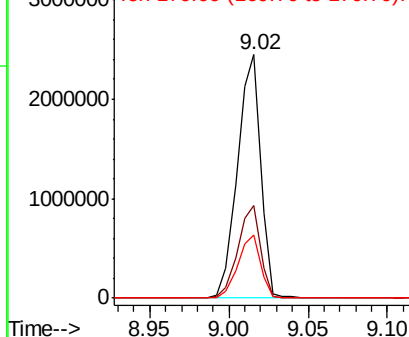


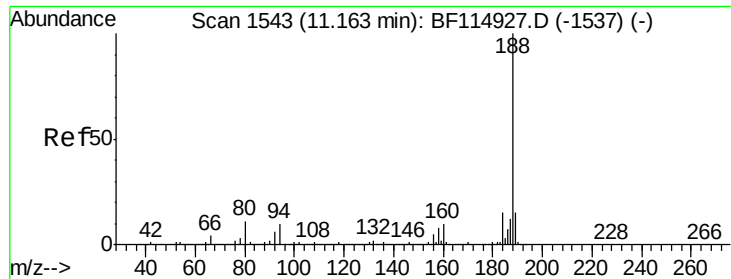
#45
 2-Fluorobiphenyl
 Concen: 84.659 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF114939.D
 Acq: 11 Jun 2019 11:59

Tgt Ion:172 Resp: 2475224
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 26.1 21.4 32.0



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: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB120177BL

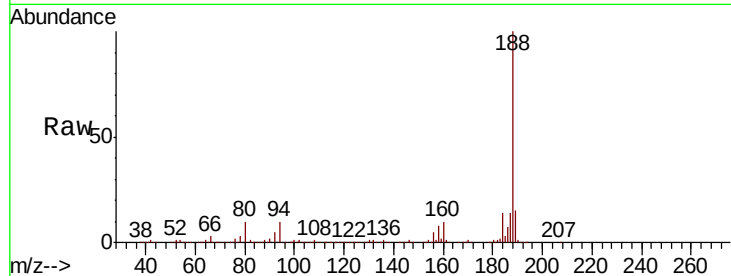
Tgt Ion:188 Resp: 948011

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

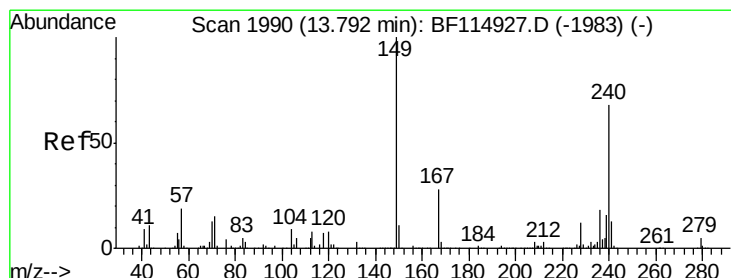
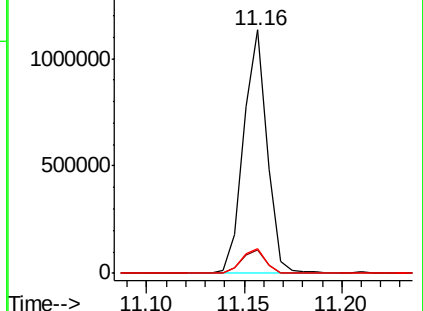
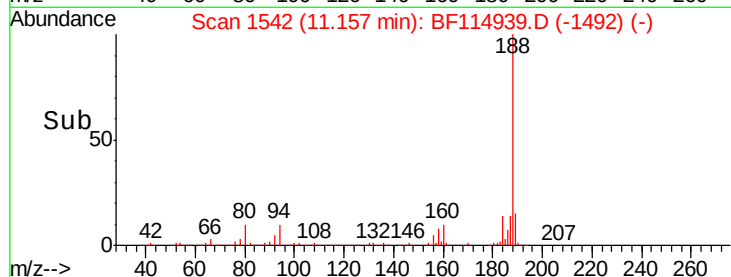
80 10.1 8.6 12.8



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

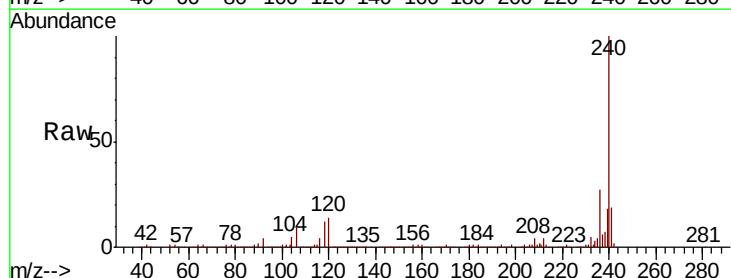
Tgt Ion:240 Resp: 781070

Ion Ratio Lower Upper

240 100

120 13.9 9.2 13.8#

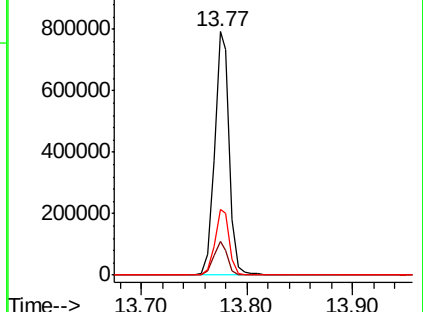
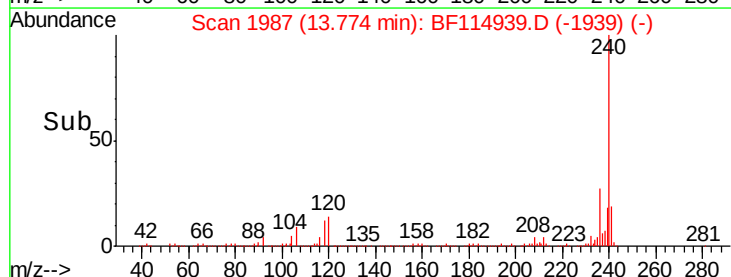
236 27.1 21.7 32.5

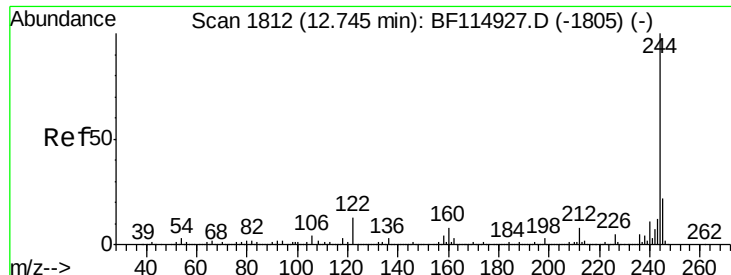


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.012 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

Instrument :

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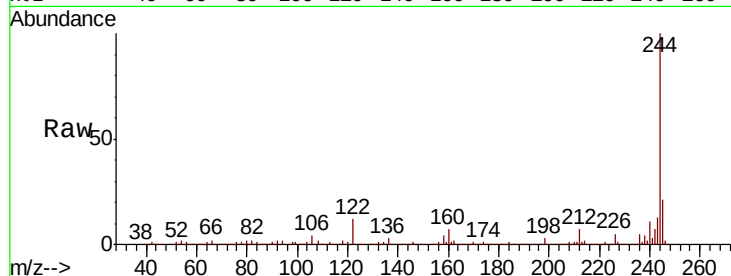
Tgt Ion:244 Resp: 3063942

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

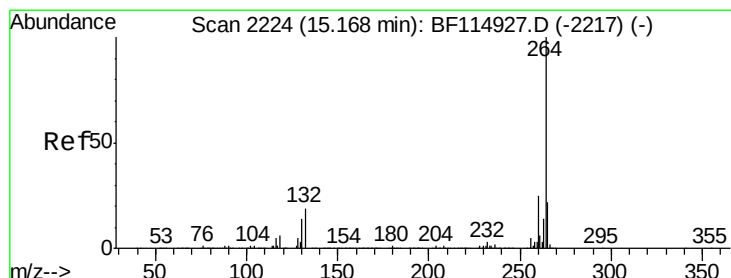
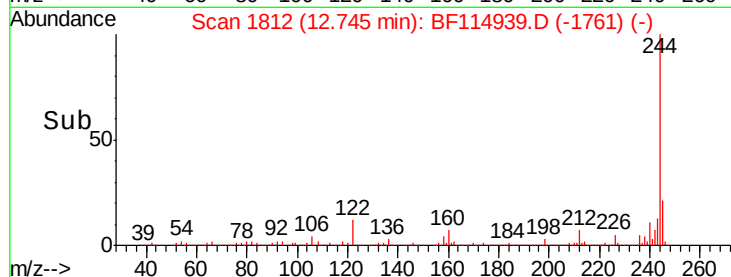
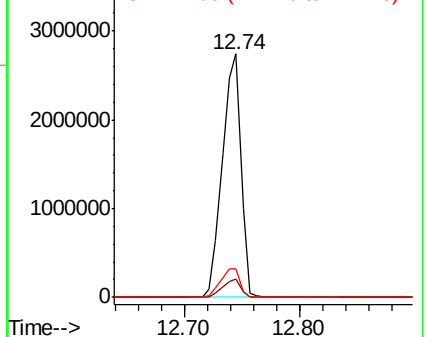
122 11.8 10.2 15.4



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: 15.16 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF114939.D

Acq: 11 Jun 2019 11:59

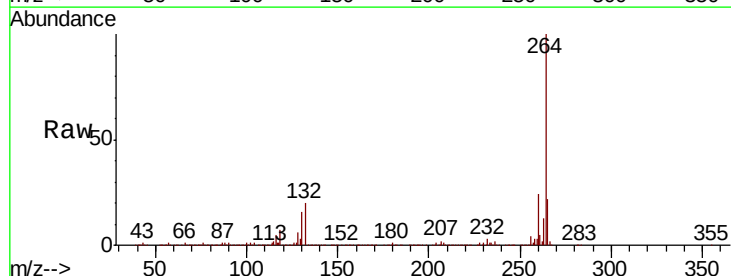
Tgt Ion:264 Resp: 769120

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.7 17.5 26.3



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

