

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114021.D
 Acq On : 29 Apr 2019 13:39
 Operator : JU/SJ
 Sample : K2576-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Apr 30 05:06:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131429	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	496427	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	259978	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	478550	20.00	ng	0.00
76) Chrysene-d12	14.07	240	312119	20.00	ng	0.00
87) Perylene-d12	15.59	264	365597	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	448296	58.34	ng	0.00
7) Phenol-d6	6.52	99	370740	38.46	ng	0.00
23) Nitrobenzene-d5	7.45	82	713070	88.69	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	380025	119.99	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1380281	83.04	ng	-0.01
79) Terphenyl-d14	13.00	244	1527380	100.32	ng	0.00

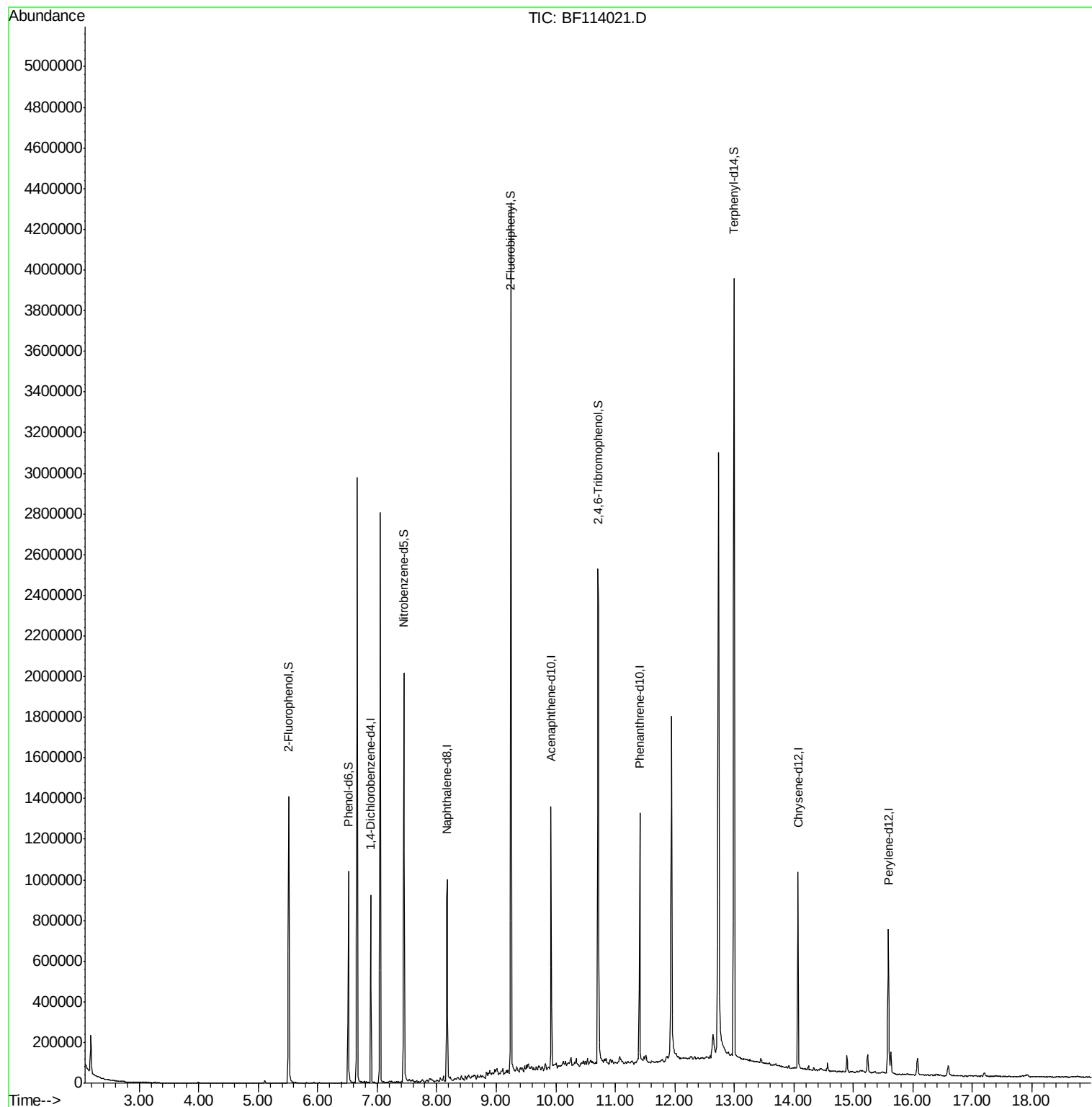
Target Compounds	Qvalue
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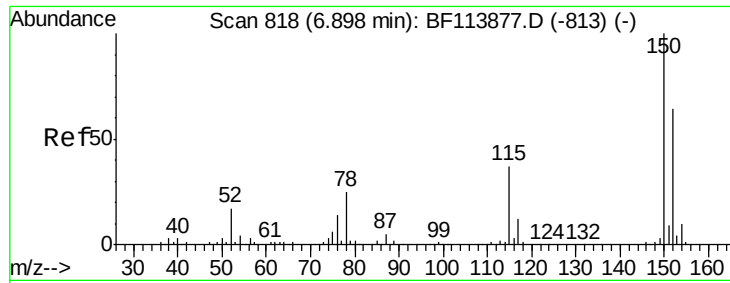
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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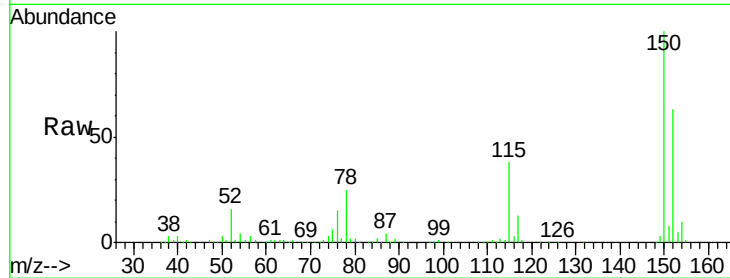


#1

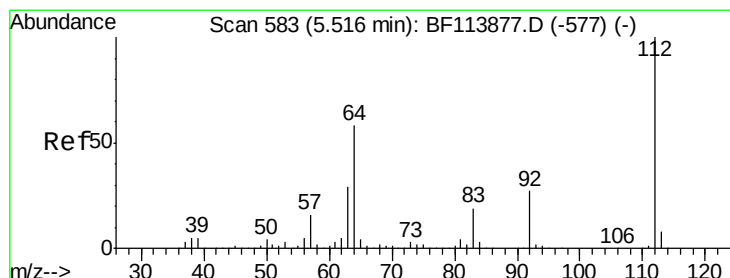
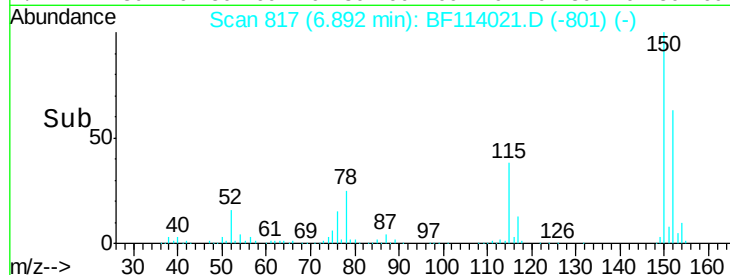
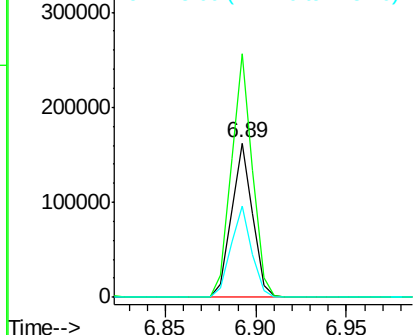
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114021.D
Acq: 29 Apr 2019 13:39

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 131429
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 59.5 45.9 68.9



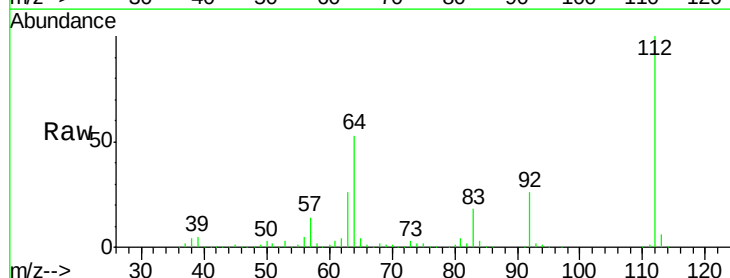
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



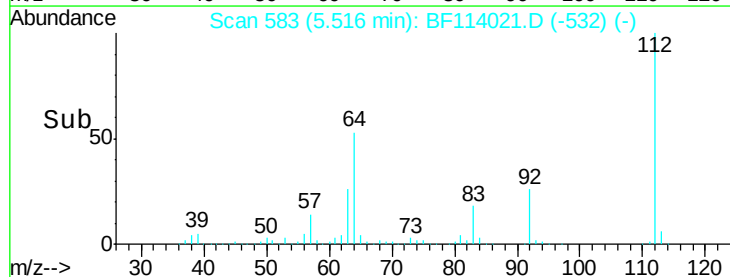
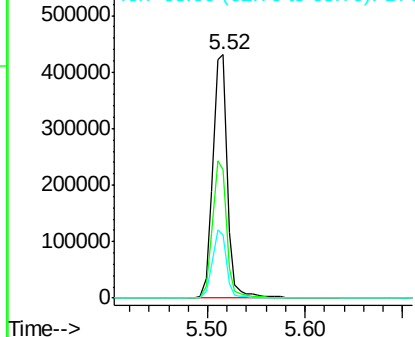
#5

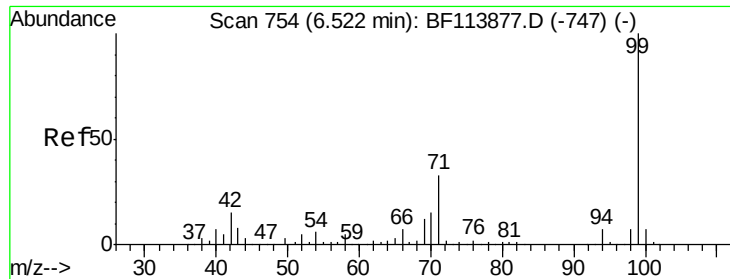
2-Fluorophenol
Concen: 58.339 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114021.D
Acq: 29 Apr 2019 13:39

Tgt Ion:112 Resp: 448296
Ion Ratio Lower Upper
112 100
64 52.6 46.6 69.8
63 26.0 23.1 34.7



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: 38.455 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114021.D

Acq: 29 Apr 2019 13:39

Instrument :

BNA_F

ClientSampled :

MW-16

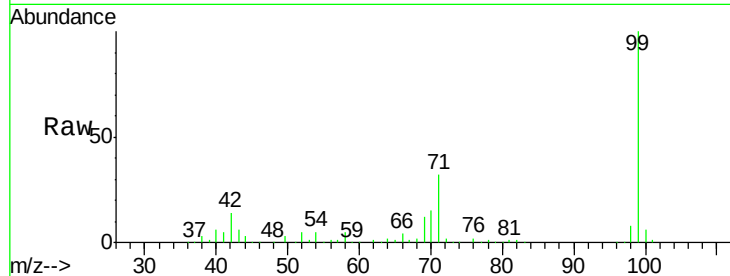
Tgt Ion: 99 Resp: 370740

Ion Ratio Lower Upper

99 100

42 13.8 12.5 18.7

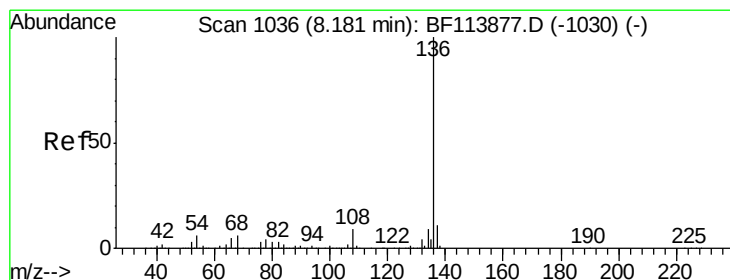
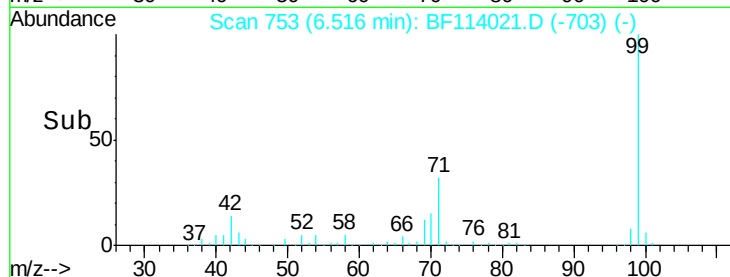
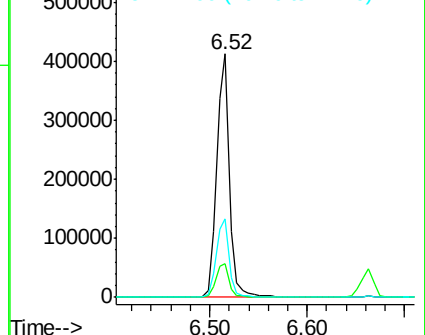
71 32.0 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114021.D

Acq: 29 Apr 2019 13:39

Tgt Ion: 136 Resp: 496427

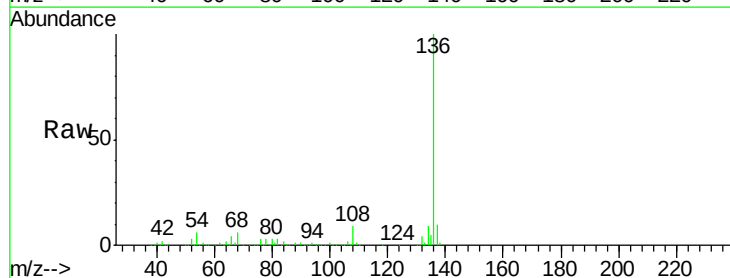
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 5.6 5.0 7.6

68 5.7 4.9 7.3

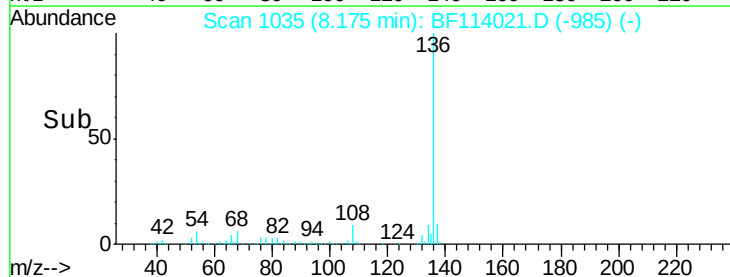
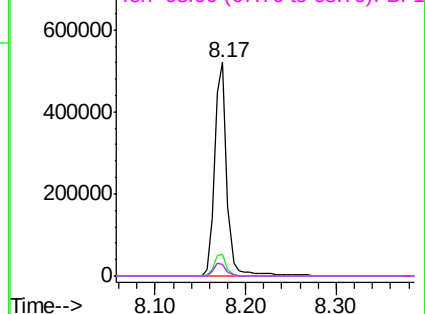


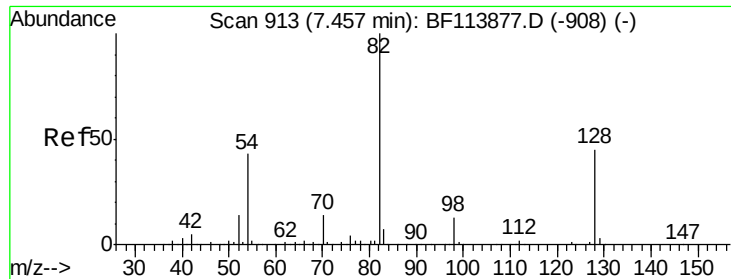
Abundance Ion 136.00 (135.70 to 136.70): E

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

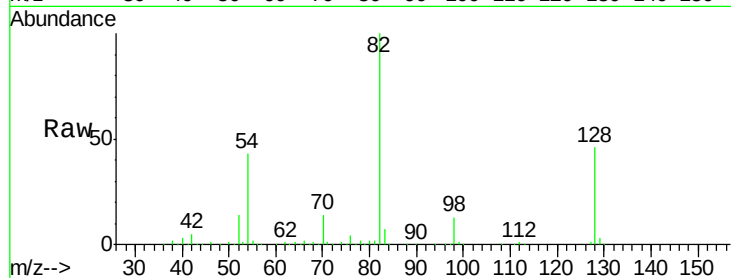




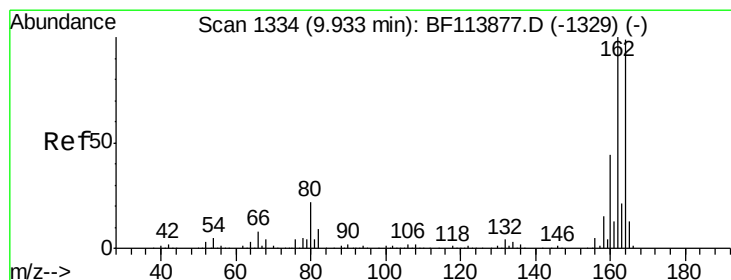
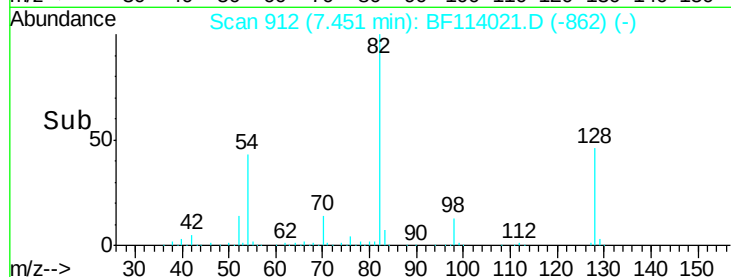
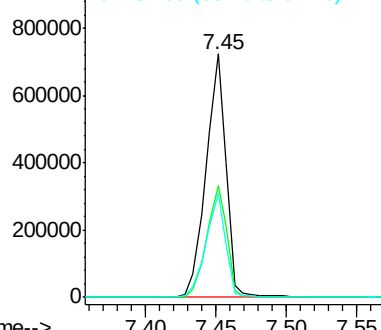
#23
Nitrobenzene-d5
Concen: 88.689 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114021.D
Acq: 29 Apr 2019 13:39

Instrument :
BNA_F
ClientSampled :
MW-16

Tgt Ion: 82 Resp: 713070
Ion Ratio Lower Upper
82 100
128 45.9 36.8 55.2
54 42.7 33.8 50.6

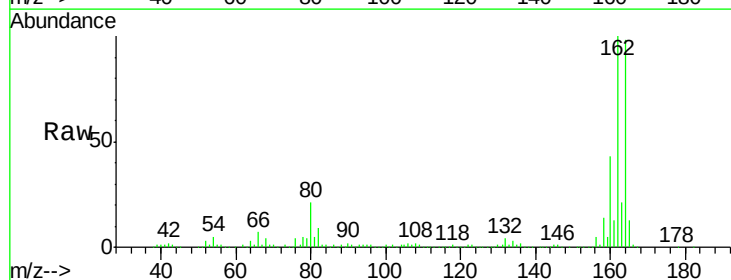


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

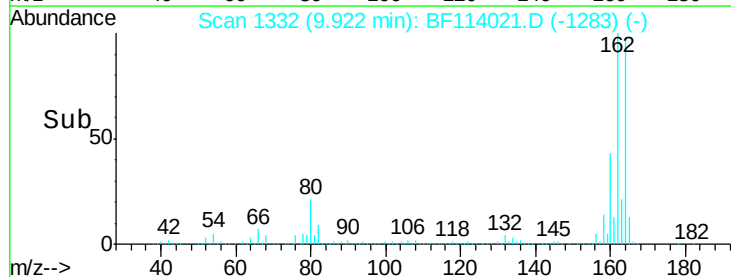
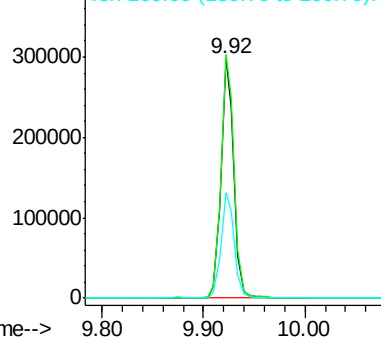


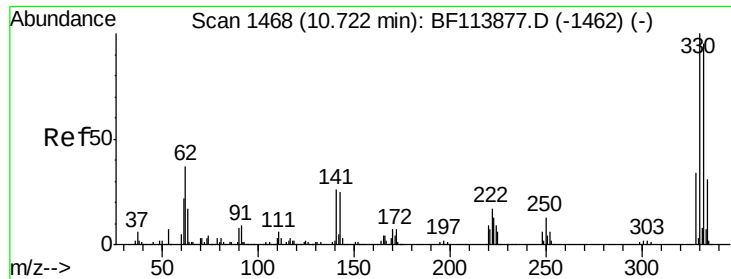
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114021.D
Acq: 29 Apr 2019 13:39

Tgt Ion: 164 Resp: 259978
Ion Ratio Lower Upper
164 100
162 101.6 81.1 121.7
160 44.1 35.8 53.6



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

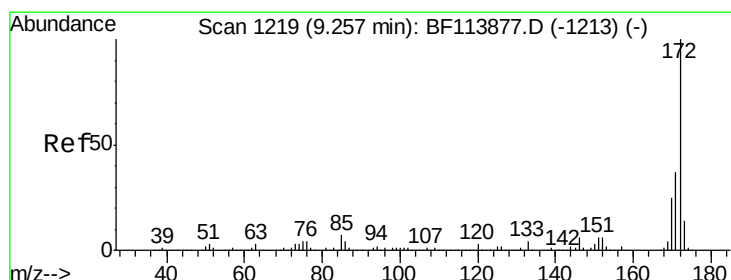
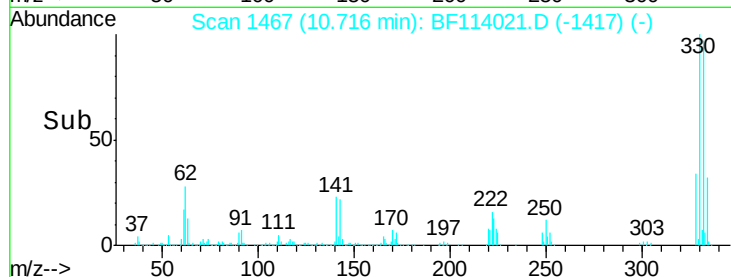
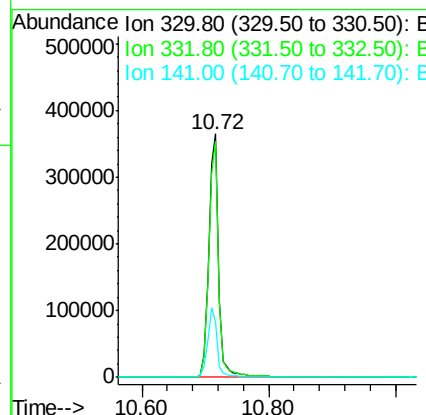
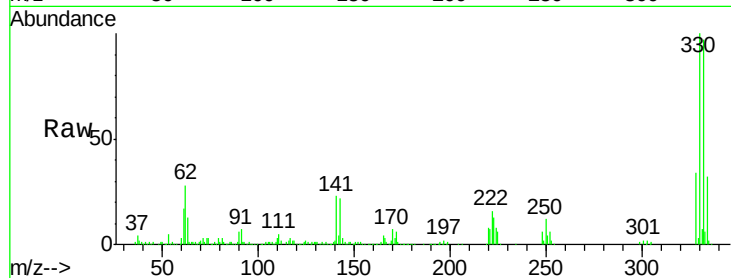




#42
 2,4,6-Tribromophenol
 Concen: 119.993 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114021.D
 Acq: 29 Apr 2019 13:39

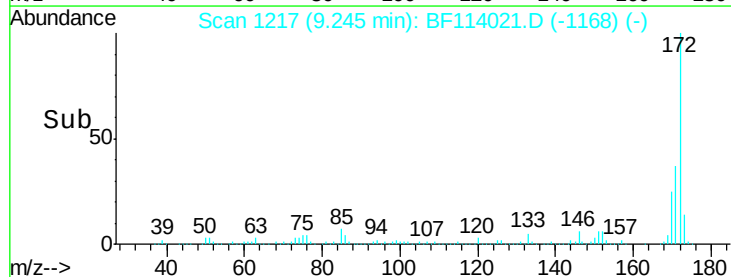
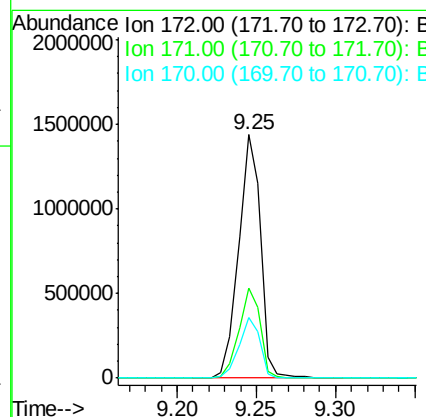
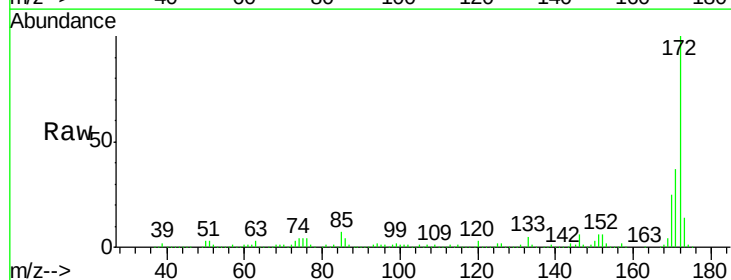
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

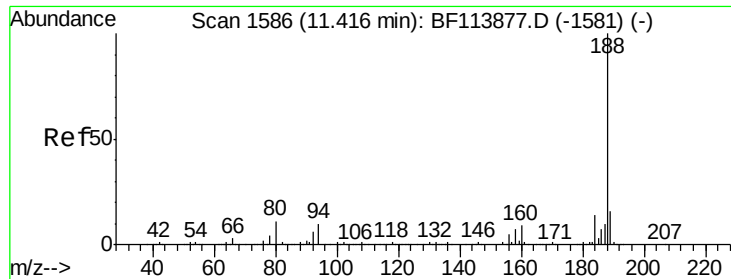
Tgt Ion:330 Resp: 380025
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.5 116.3
 141 27.9 22.2 33.2



#45
 2-Fluorobiphenyl
 Concen: 83.038 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114021.D
 Acq: 29 Apr 2019 13:39

Tgt Ion:172 Resp: 1380281
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114021.D

Acq: 29 Apr 2019 13:39

Instrument :

BNA_F

ClientSampleId :

MW-16

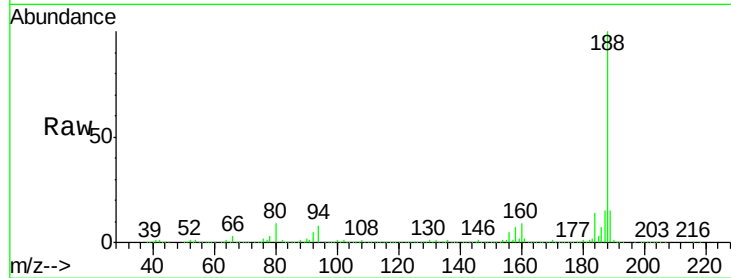
Tgt Ion:188 Resp: 478550

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

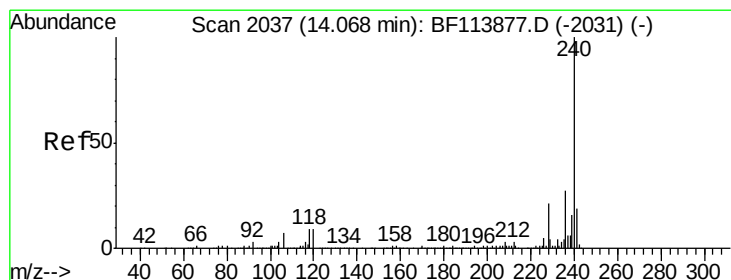
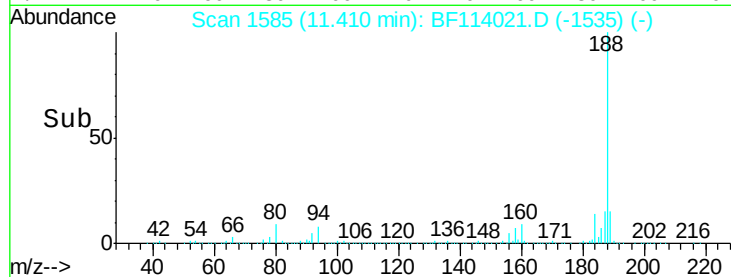
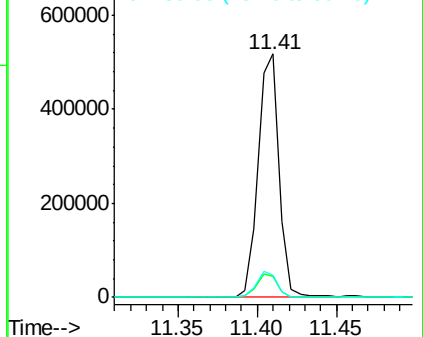
80 9.4 9.0 13.6



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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF114021.D

Acq: 29 Apr 2019 13:39

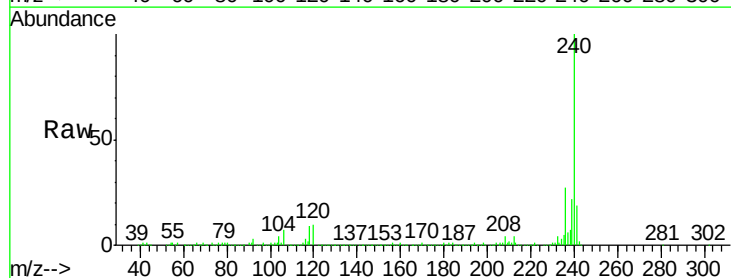
Tgt Ion:240 Resp: 312119

Ion Ratio Lower Upper

240 100

120 9.9 9.3 13.9

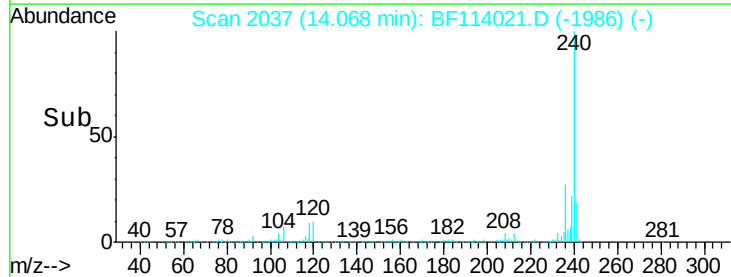
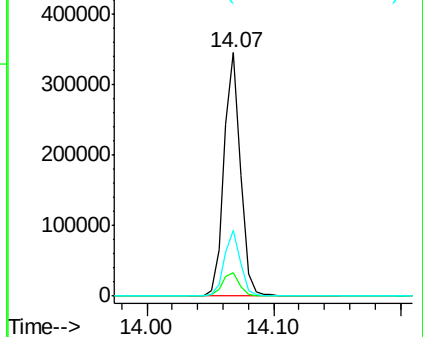
236 26.7 21.2 31.8

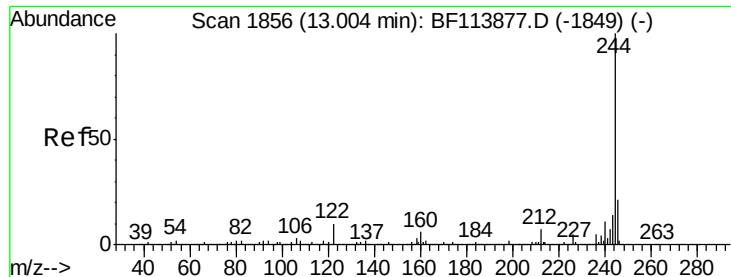


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.325 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF114021.D

Acq: 29 Apr 2019 13:39

Instrument :

BNA_F

ClientSampleId :

MW-16

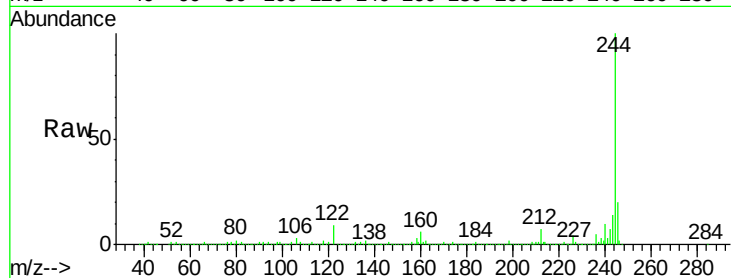
Tgt Ion:244 Resp: 1527380

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

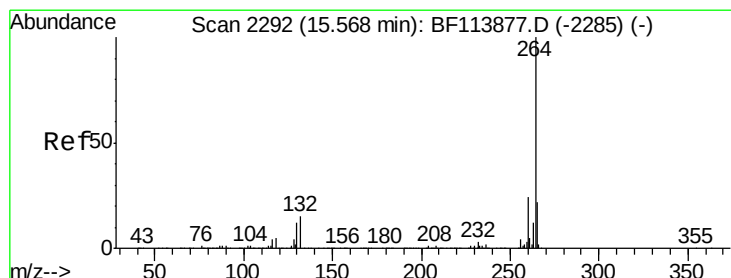
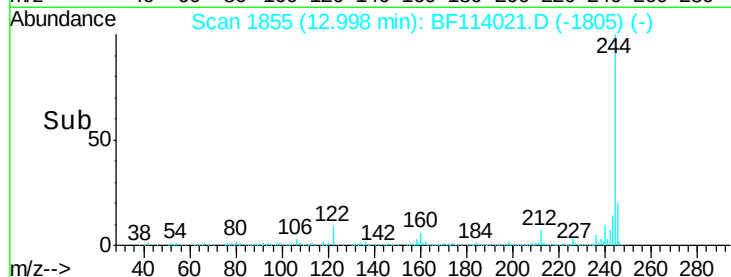
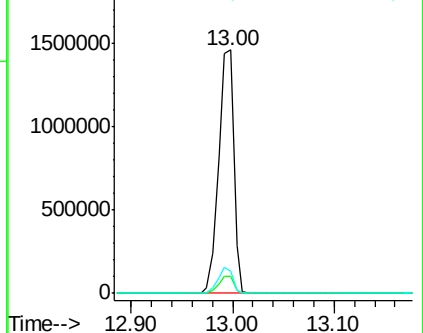
122 8.9 7.6 11.4



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: 15.59 min Scan# 2295

Delta R.T. 0.02 min

Lab File: BF114021.D

Acq: 29 Apr 2019 13:39

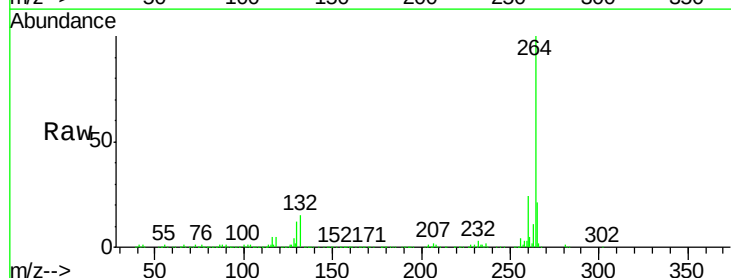
Tgt Ion:264 Resp: 365597

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.3 17.3 25.9



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

