

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114025.D
 Acq On : 29 Apr 2019 16:25
 Operator : JU/SJ
 Sample : K2576-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Apr 30 05:21:45 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	130888	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	491044	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	262586	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	522129	20.00	ng	0.00
76) Chrysene-d12	14.04	240	401702	20.00	ng	-0.02
87) Perylene-d12	15.53	264	371355	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	477758	62.43	ng	0.00
7) Phenol-d6	6.52	99	414750	43.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	748979	94.18	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	421042	131.62	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1435910	85.53	ng	-0.01
79) Terphenyl-d14	13.00	244	1869885	95.43	ng	0.00

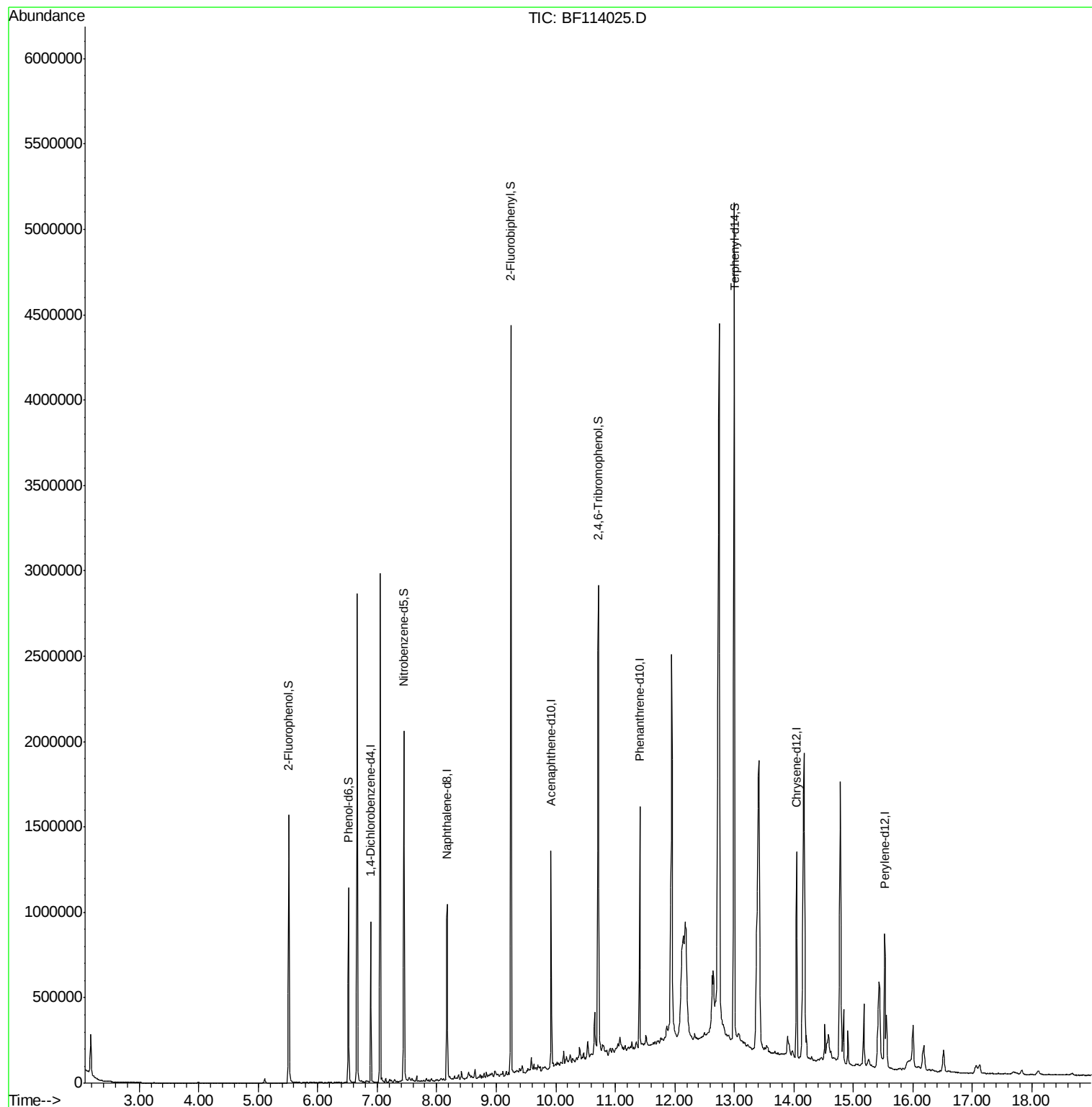
Target Compounds	Qvalue
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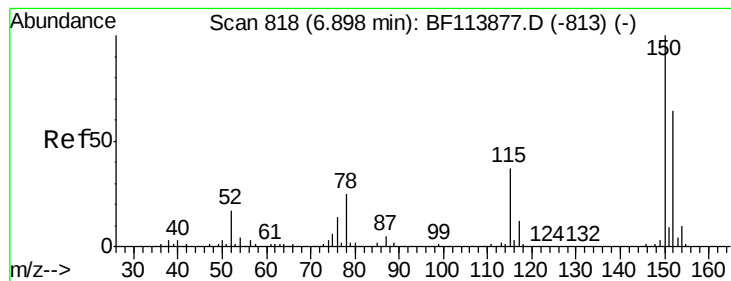
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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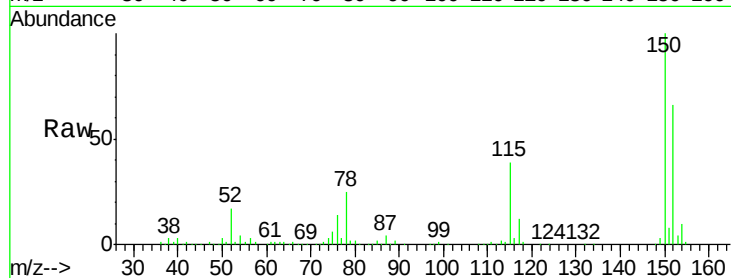


#1

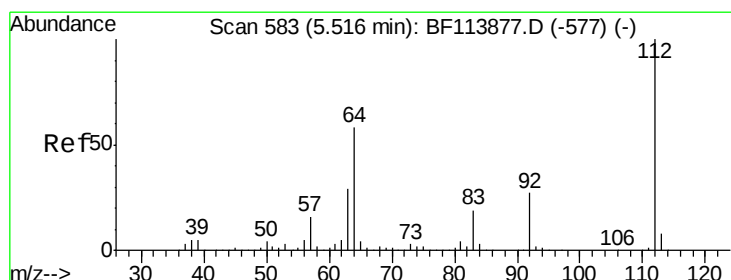
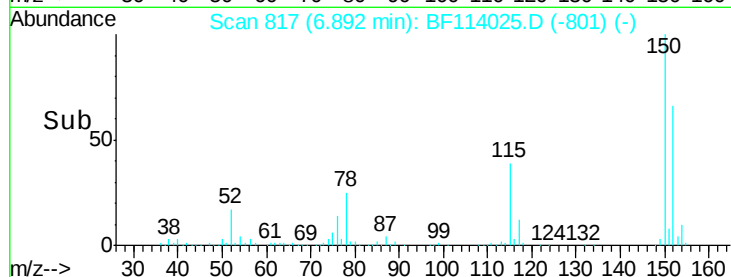
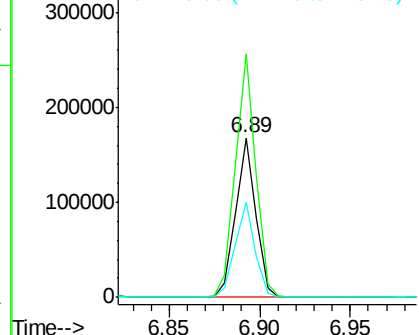
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114025.D
Acq: 29 Apr 2019 16:25

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 130888
Ion Ratio Lower Upper
152 100
150 152.4 125.9 188.9
115 59.7 45.9 68.9



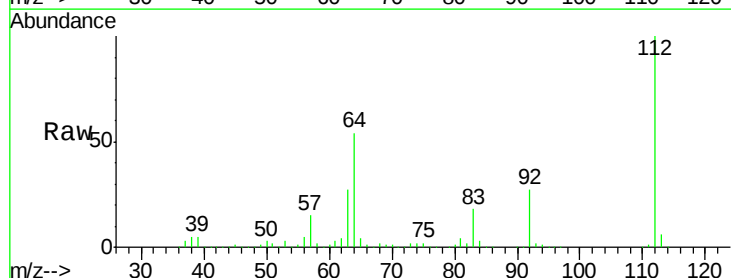
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



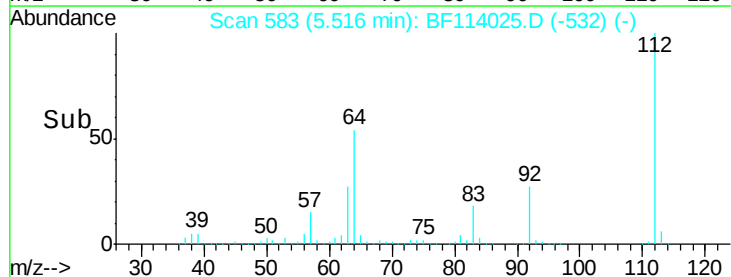
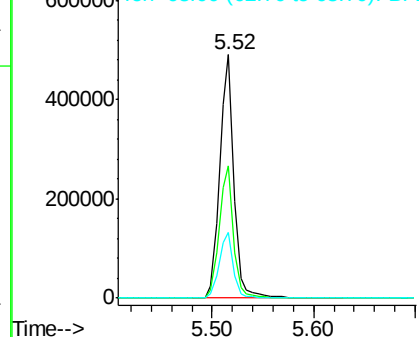
#5

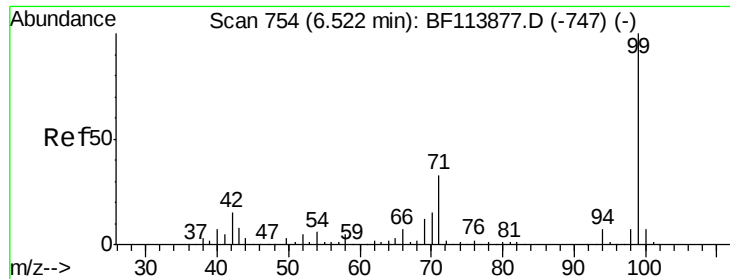
2-Fluorophenol
Concen: 62.430 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114025.D
Acq: 29 Apr 2019 16:25

Tgt Ion:112 Resp: 477758
Ion Ratio Lower Upper
112 100
64 54.2 46.6 69.8
63 26.8 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: 43.198 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

Instrument :

BNA_F

ClientSampleId :

MW-18

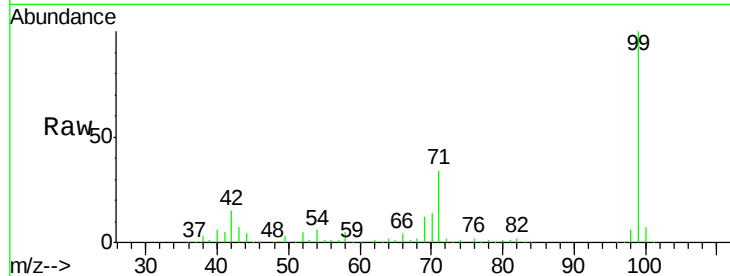
Tgt Ion: 99 Resp: 414750

Ion Ratio Lower Upper

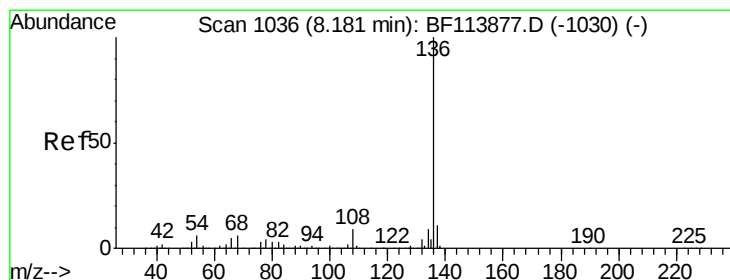
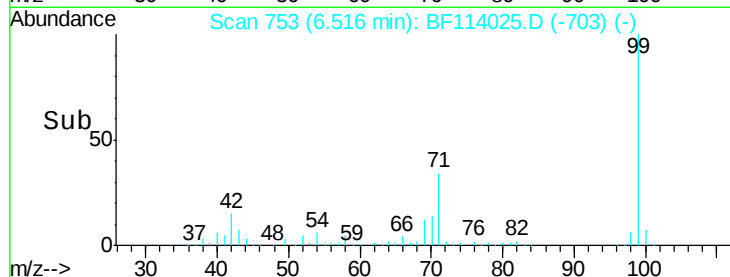
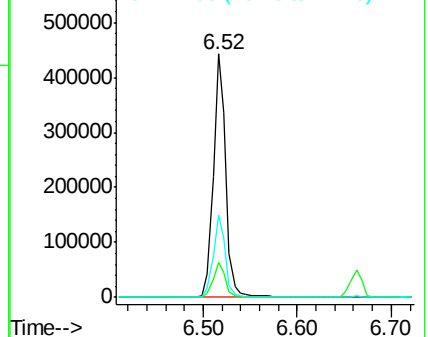
99 100

42 14.6 12.5 18.7

71 33.6 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: BF114025.D

Acq: 29 Apr 2019 16:25

Tgt Ion: 136 Resp: 491044

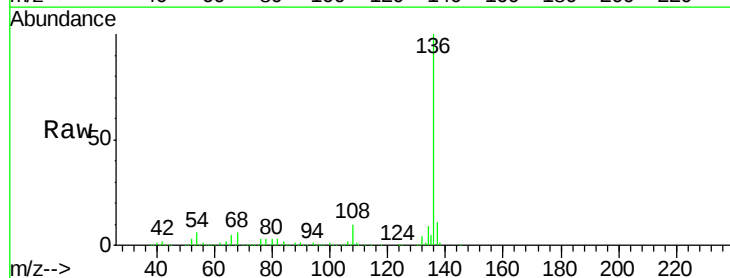
Ion Ratio Lower Upper

136 100

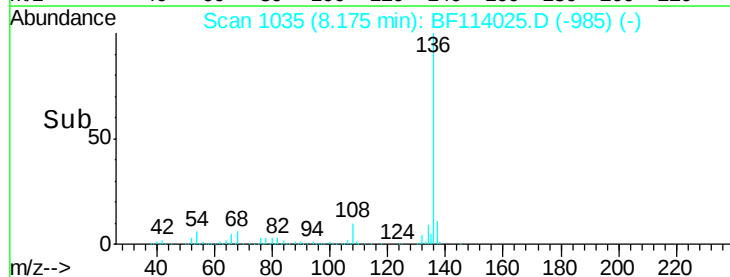
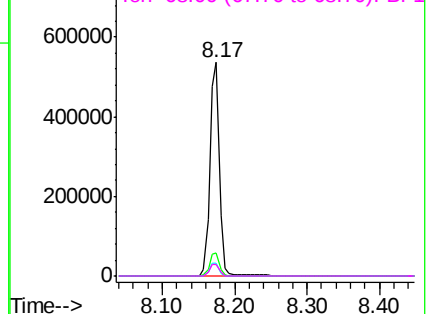
137 10.8 8.6 12.8

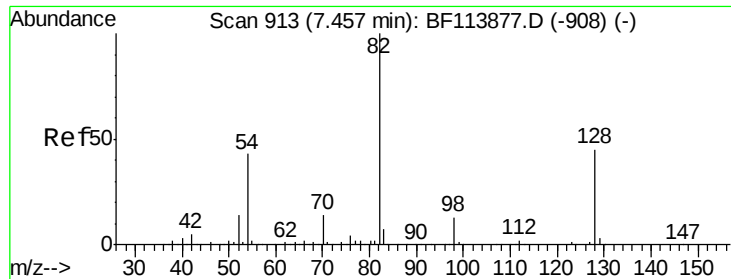
54 6.0 5.0 7.6

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

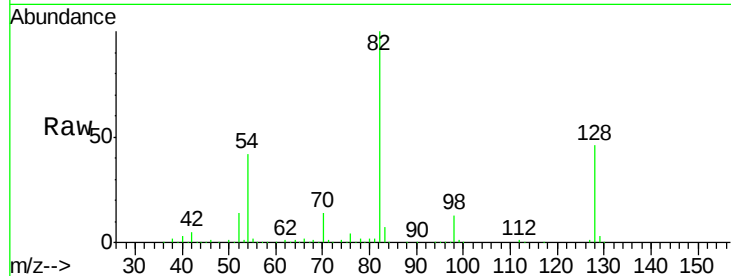




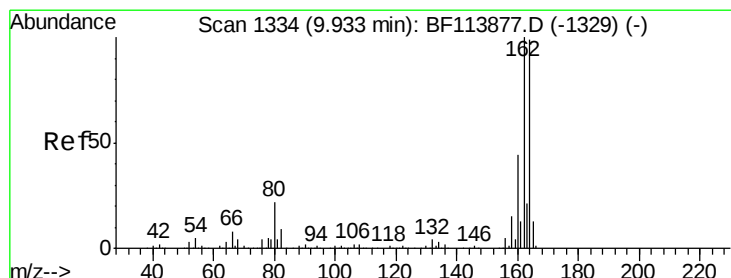
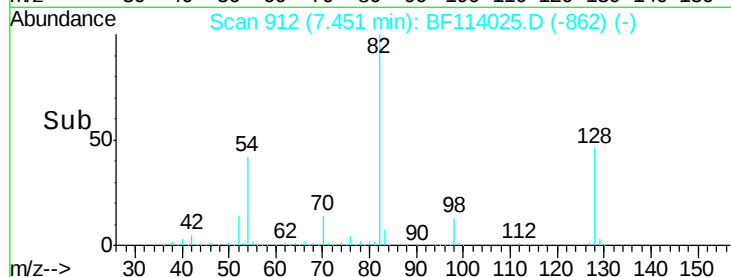
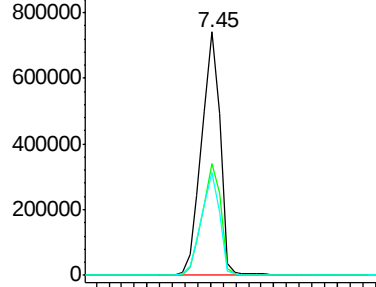
#23
 Nitrobenzene-d5
 Concen: 94.177 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Instrument :
 BNA_F
 ClientSampled :
 MW-18

Tgt Ion: 82 Resp: 748979
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.8 55.2
 54 42.4 33.8 50.6

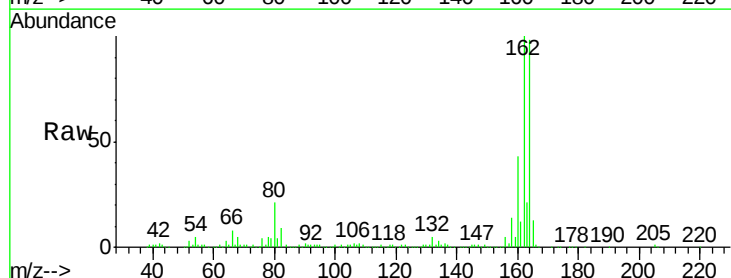


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

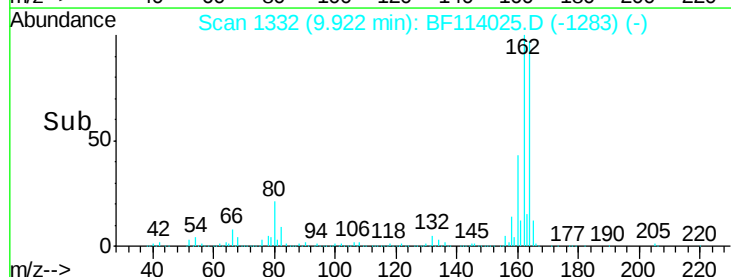
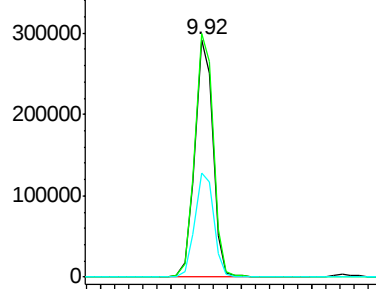


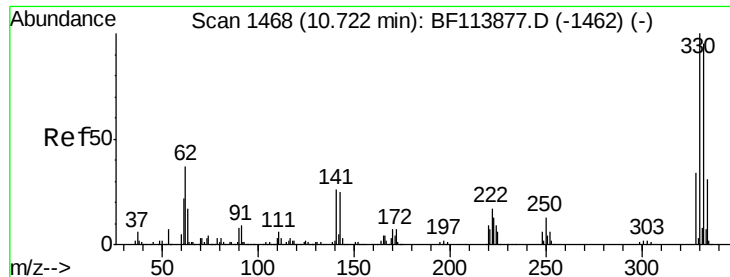
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Tgt Ion: 164 Resp: 262586
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.1 121.7
 160 43.8 35.8 53.6



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

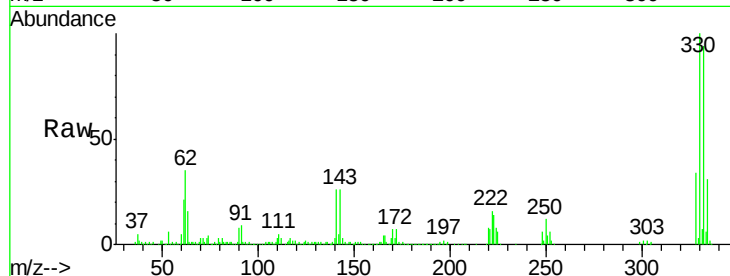




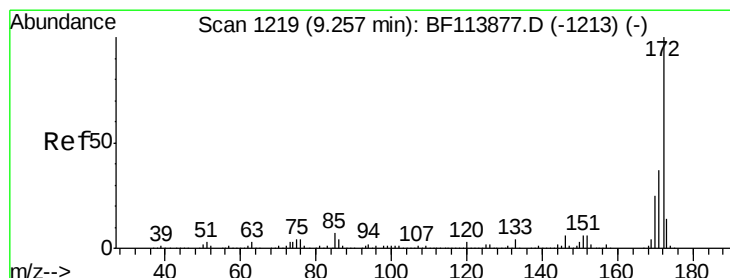
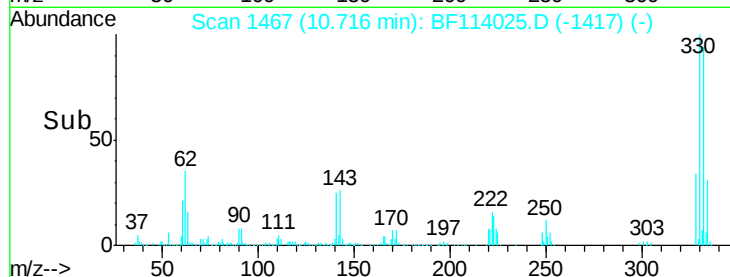
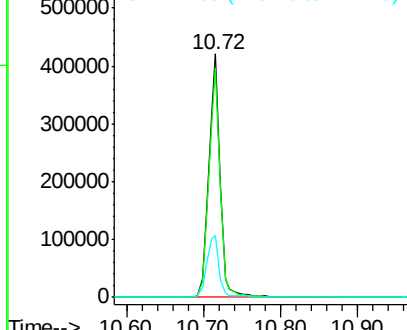
#42
 2,4,6-Tribromophenol
 Concen: 131.624 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Instrument :
 BNA_F
 ClientSampled :
 MW-18

Tgt Ion:330 Resp: 421042
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.5 116.3
 141 27.7 22.2 33.2

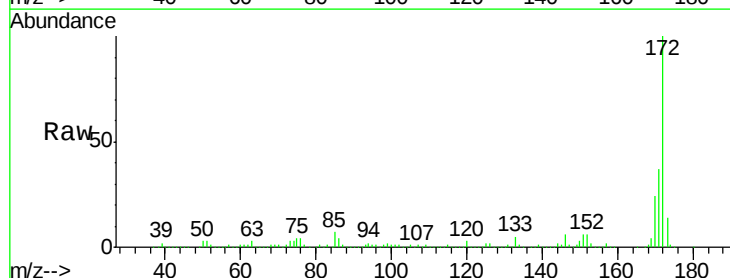


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

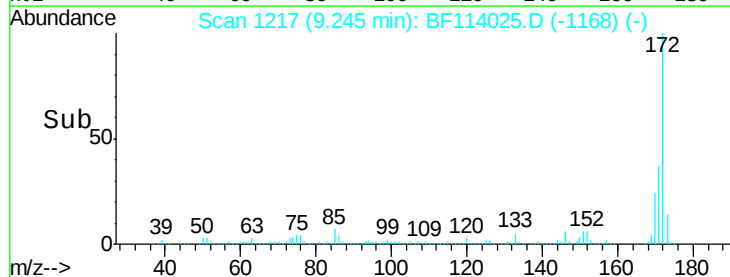
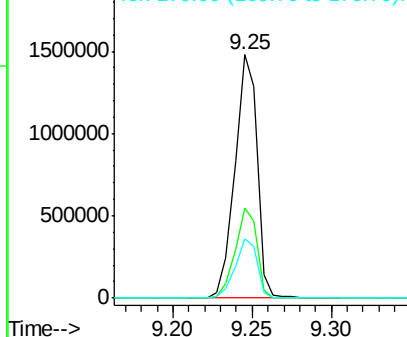


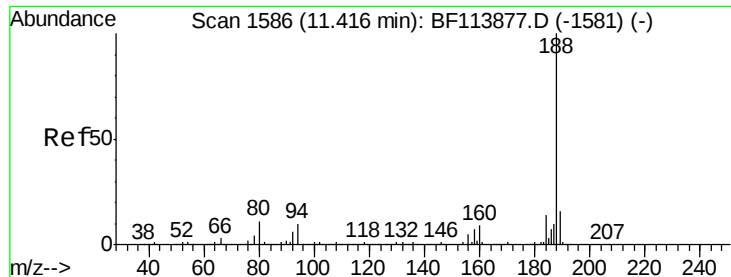
#45
 2-Fluorobiphenyl
 Concen: 85.526 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114025.D
 Acq: 29 Apr 2019 16:25

Tgt Ion:172 Resp: 1435910
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.2 19.9 29.9



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

Instrument :

BNA_F

ClientSampleId :

MW-18

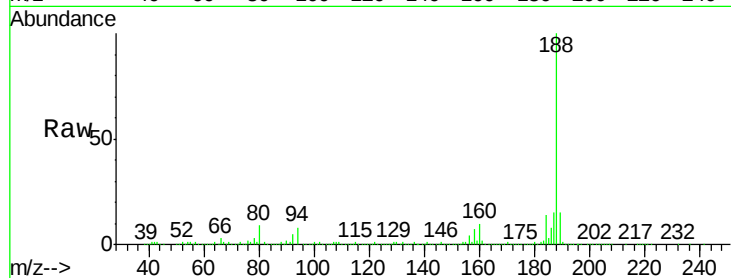
Tgt Ion:188 Resp: 522129

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

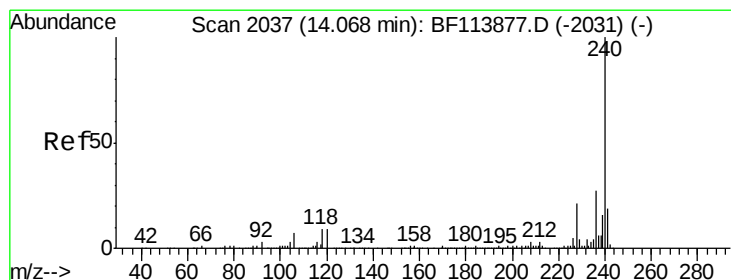
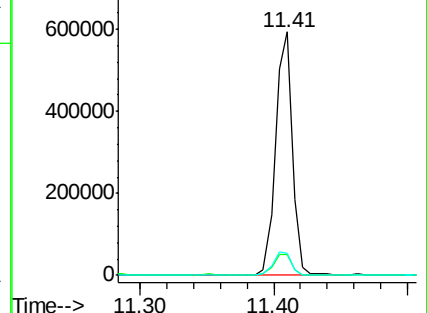
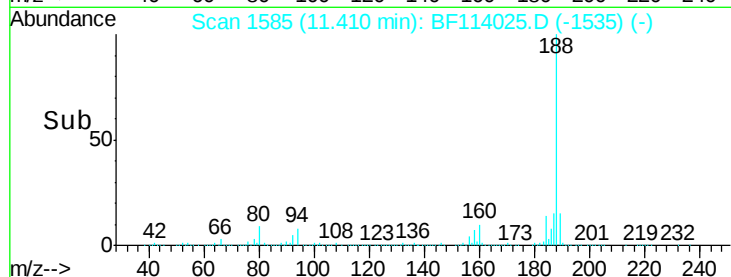
80 9.1 9.0 13.6



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: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

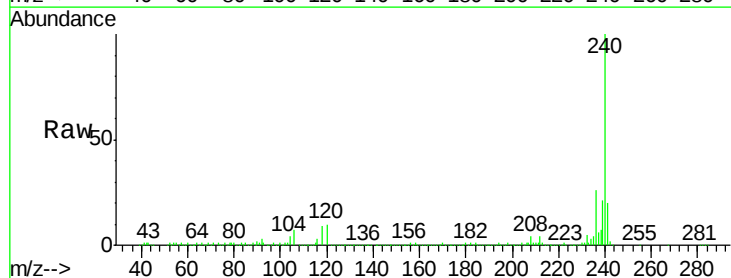
Tgt Ion:240 Resp: 401702

Ion Ratio Lower Upper

240 100

120 10.0 9.3 13.9

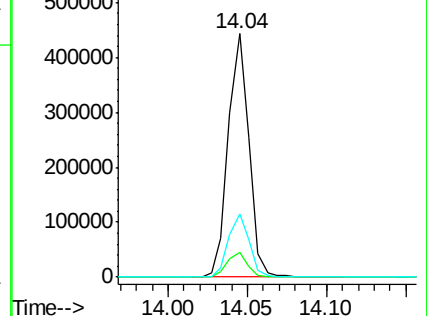
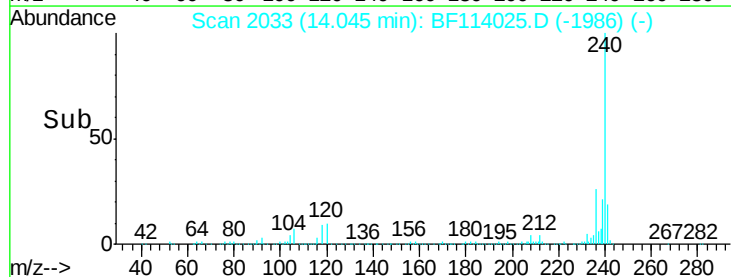
236 26.2 21.2 31.8

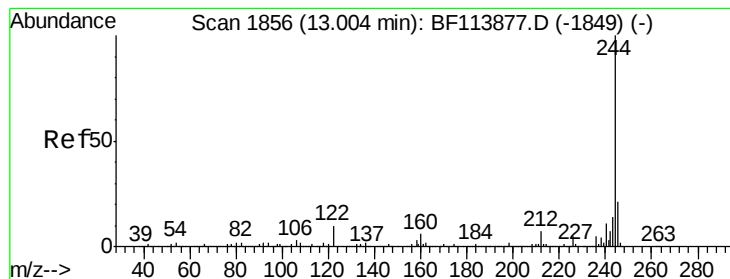


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.432 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

Instrument :

BNA_F

ClientSampleId :

MW-18

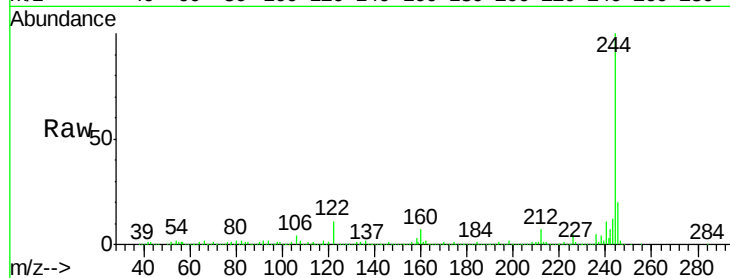
Tgt Ion:244 Resp: 1869885

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

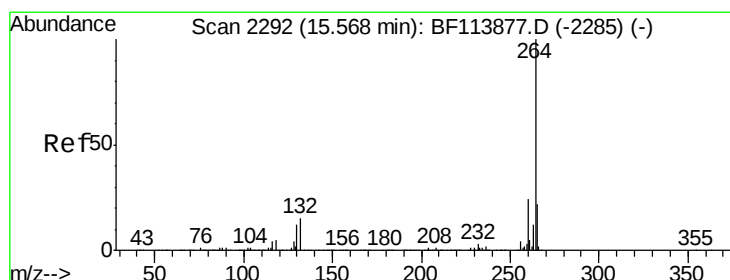
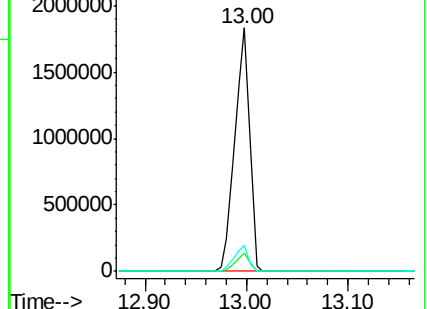
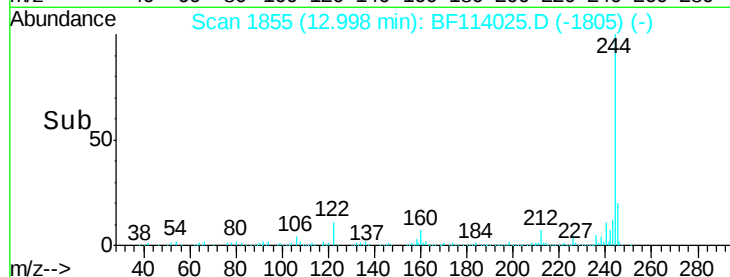
122 10.6 7.6 11.4



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: 15.53 min Scan# 2285

Delta R.T. -0.04 min

Lab File: BF114025.D

Acq: 29 Apr 2019 16:25

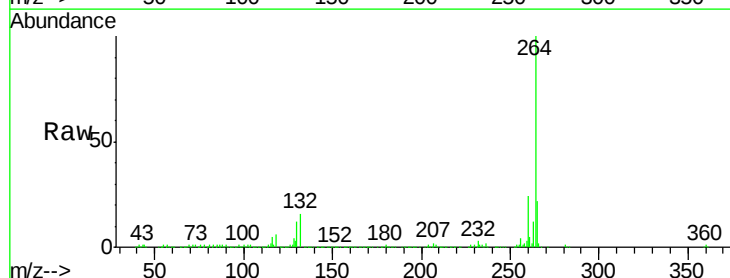
Tgt Ion:264 Resp: 371355

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.6 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

