

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113936.D
 Acq On : 23 Apr 2019 22:18
 Operator : JU/SJ
 Sample : K2532-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Apr 24 07:17:11 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	6.90	152	140634	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	479442	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	212469	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	374070	20.00	ng	0.00
76) Chrysene-d12	14.05	240	393060	20.00	ng	-0.02
87) Perylene-d12	15.53	264	350327	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	866349	105.36	ng	0.02
7) Phenol-d6	6.53	99	969234	93.95	ng	0.00
23) Nitrobenzene-d5	7.46	82	718465	92.53	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	314267	121.42	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1317335	96.97	ng	0.00
79) Terphenyl-d14	13.00	244	1475316	76.95	ng	0.00

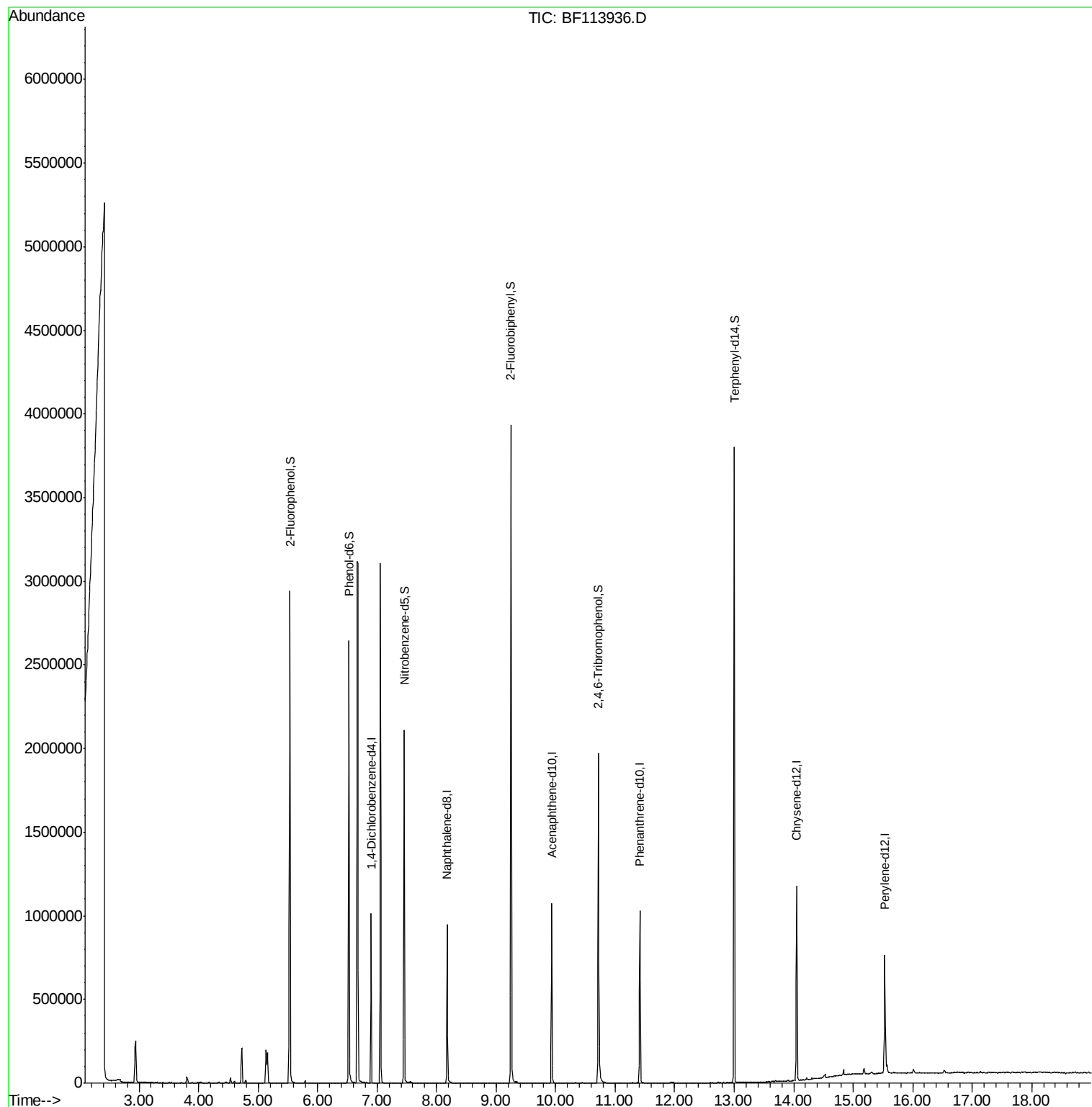
Target Compounds Qvalue

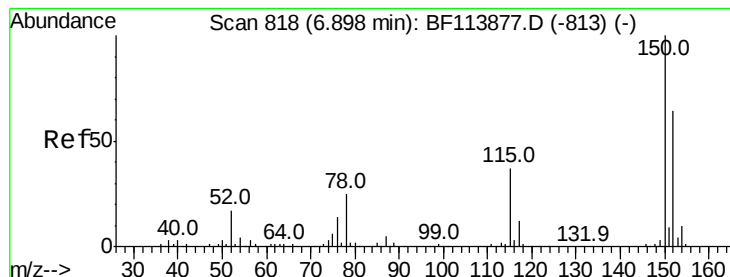
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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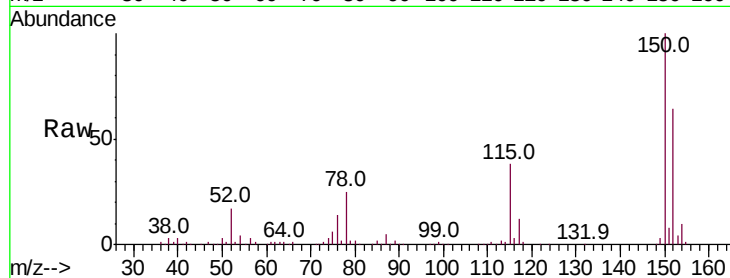


#1

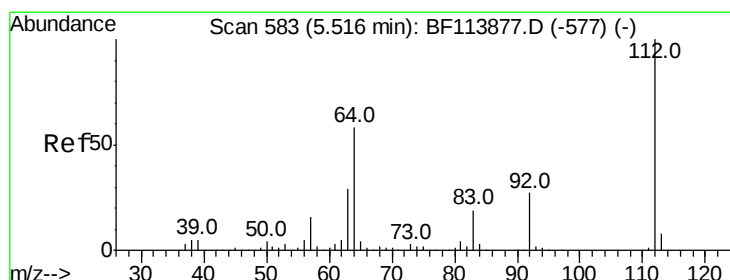
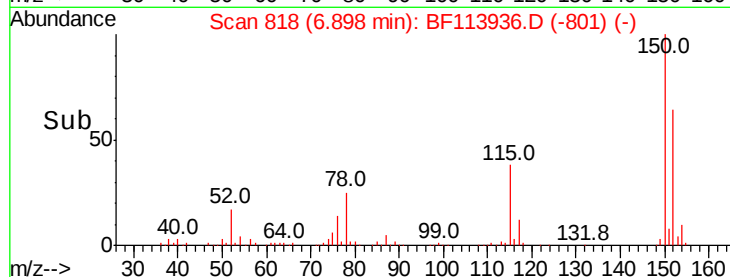
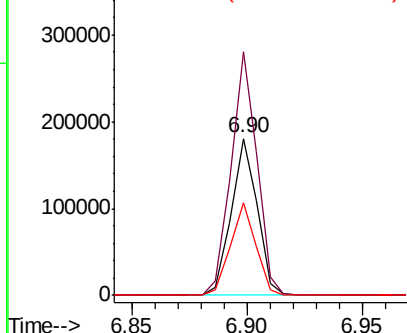
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113936.D
Acq: 23 Apr 2019 22:18

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:152 Resp: 140634
Ion Ratio Lower Upper
152 100
150 155.4 125.9 188.9
115 58.7 45.9 68.9



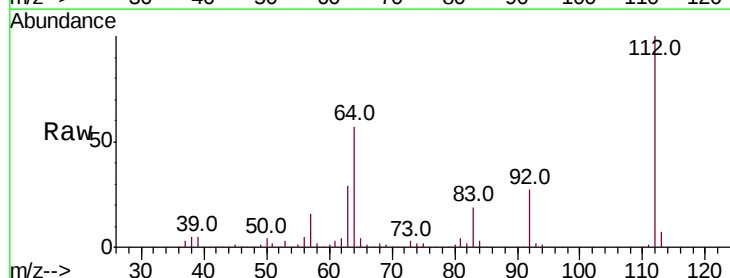
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



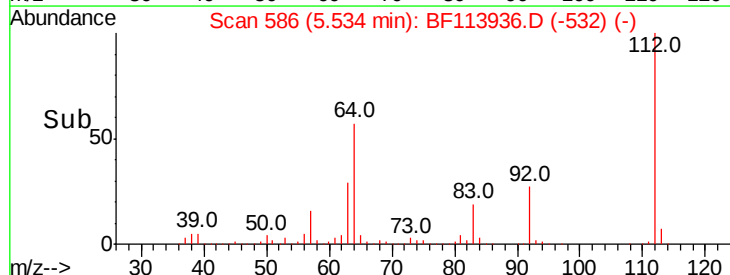
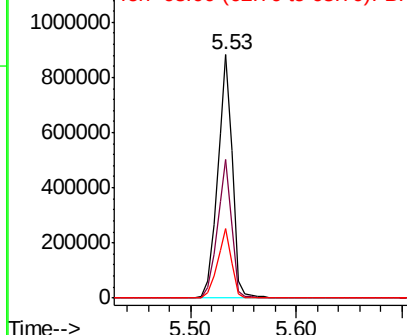
#5

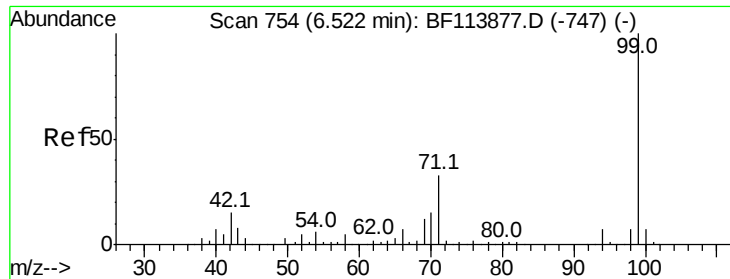
2-Fluorophenol
Concen: 105.363 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF113936.D
Acq: 23 Apr 2019 22:18

Tgt Ion:112 Resp: 866349
Ion Ratio Lower Upper
112 100
64 56.8 46.6 69.8
63 28.8 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: 93.954 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113936.D

Acq: 23 Apr 2019 22:18

Instrument :

BNA_F

ClientSampled :

TP-5

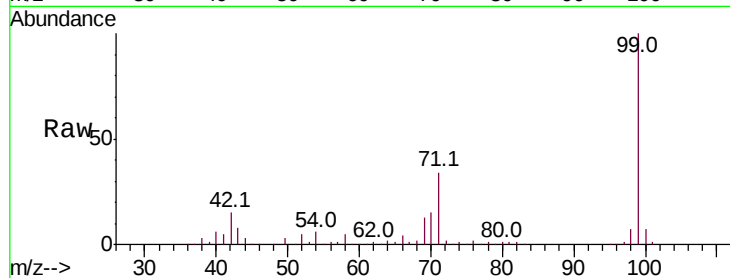
Tot Ion: 99 Resp: 969234

Ion Ratio Lower Upper

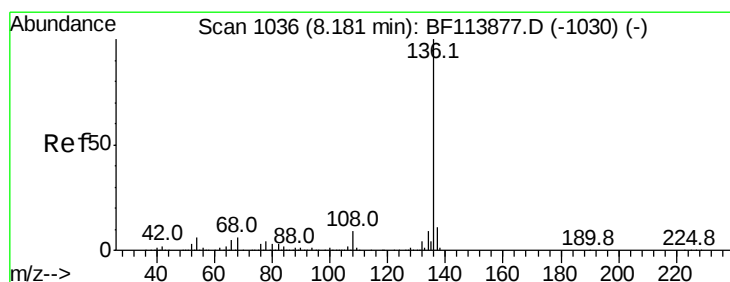
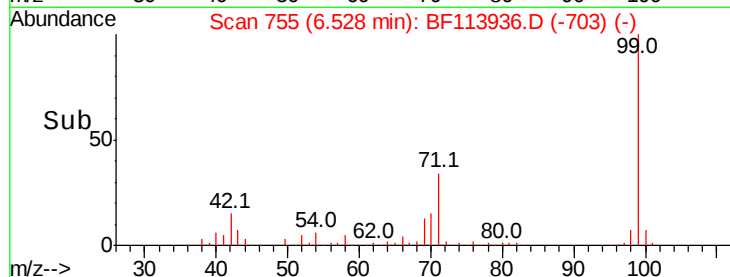
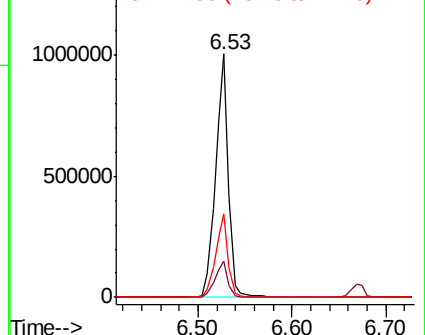
99 100

42 15.0 12.5 18.7

71 34.1 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: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113936.D

Acq: 23 Apr 2019 22:18

Tgt Ion: 136 Resp: 479442

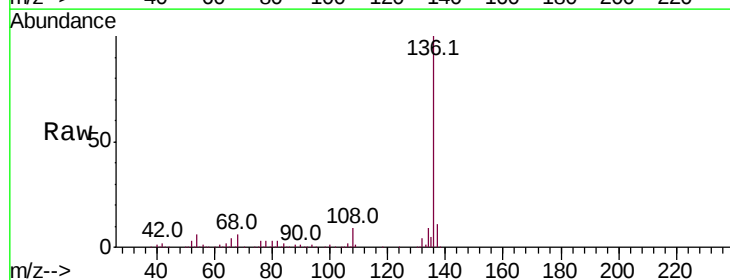
Ion Ratio Lower Upper

136 100

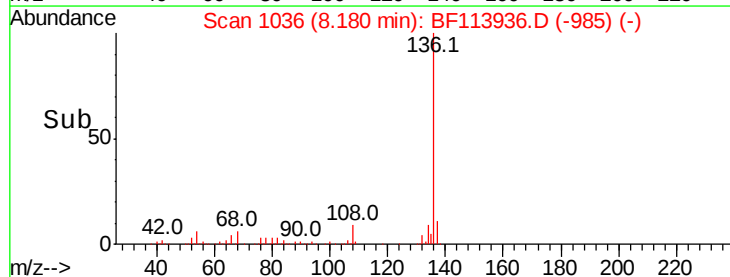
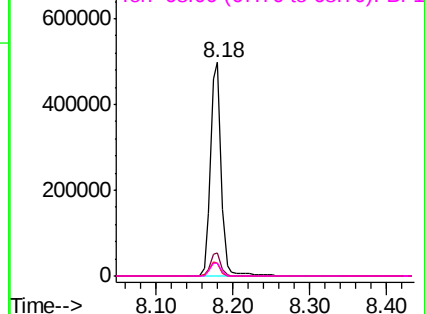
137 10.6 8.6 12.8

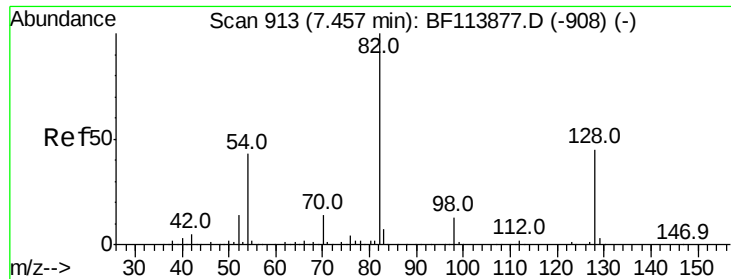
54 6.0 5.0 7.6

68 6.0 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: 92.526 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF113936.D

Acq: 23 Apr 2019 22:18

Instrument :

BNA_F

ClientSampled :

TP-5

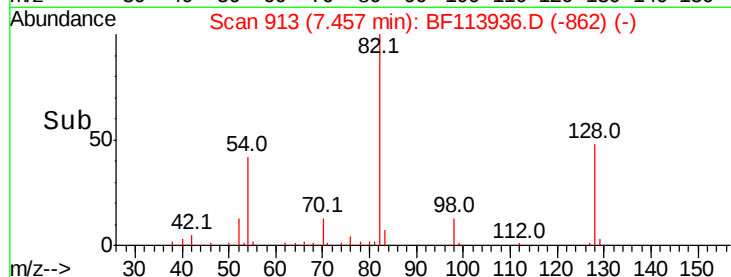
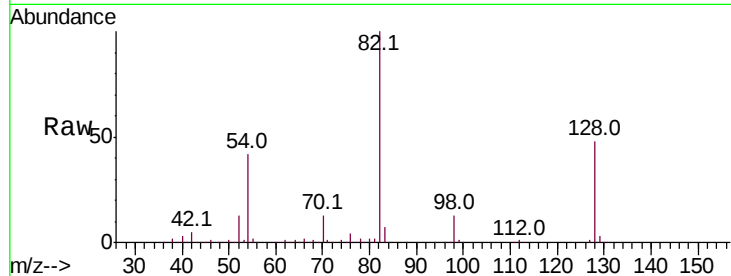
Tot Ion: 82 Resp: 718465

Ion Ratio Lower Upper

82 100

128 47.6 36.8 55.2

54 42.0 33.8 50.6

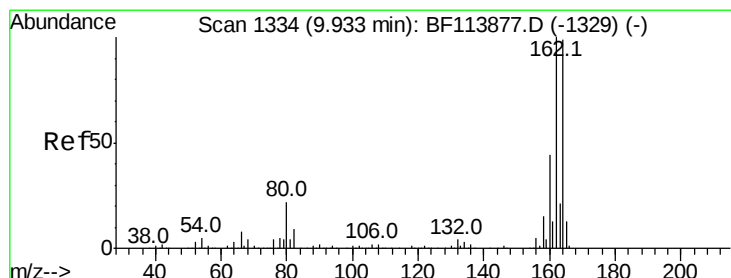
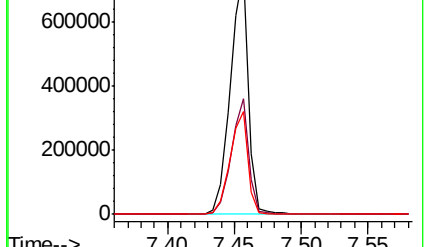


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113936.D

Acq: 23 Apr 2019 22:18

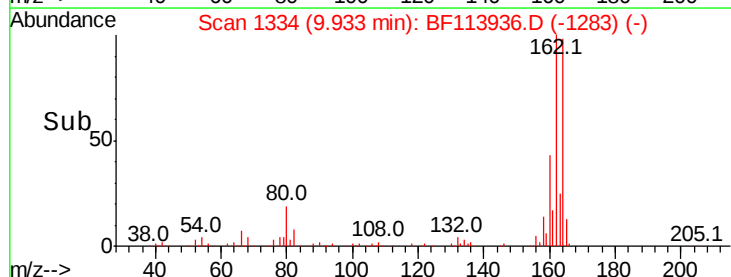
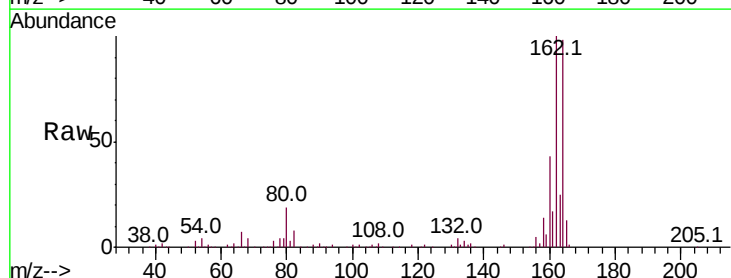
Tgt Ion:164 Resp: 212469

Ion Ratio Lower Upper

164 100

162 102.5 81.1 121.7

160 44.0 35.8 53.6

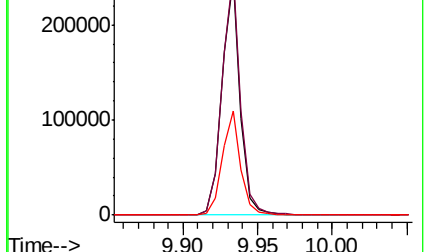


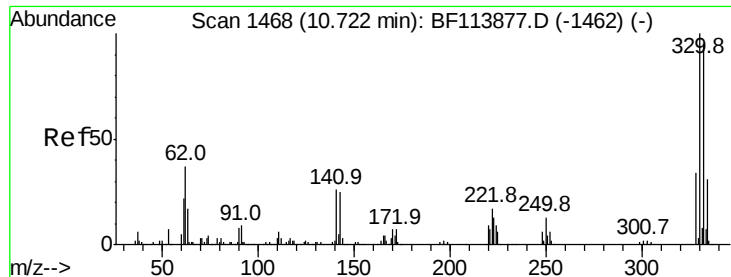
Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->

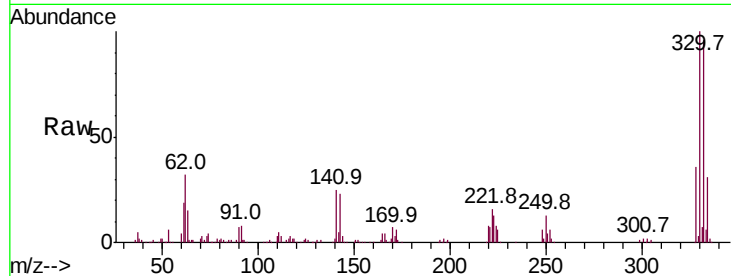




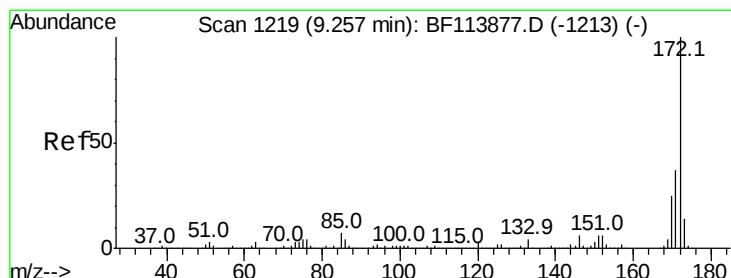
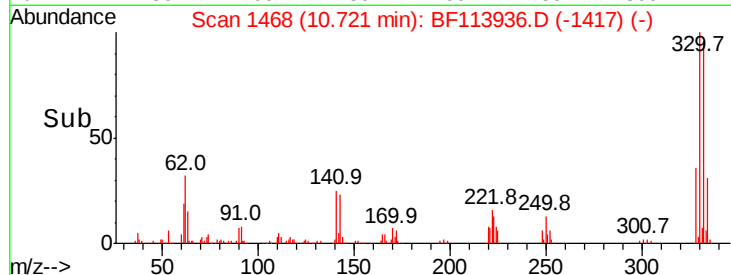
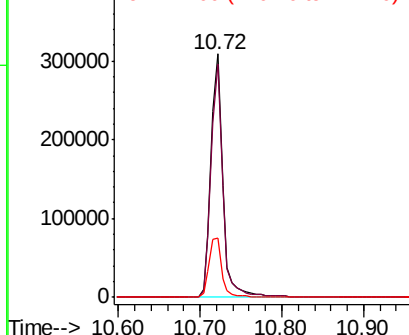
#42
 2,4,6-Tribromophenol
 Concen: 121.418 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF113936.D
 Acq: 23 Apr 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:330 Resp: 314267
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.5 116.3
 141 26.6 22.2 33.2

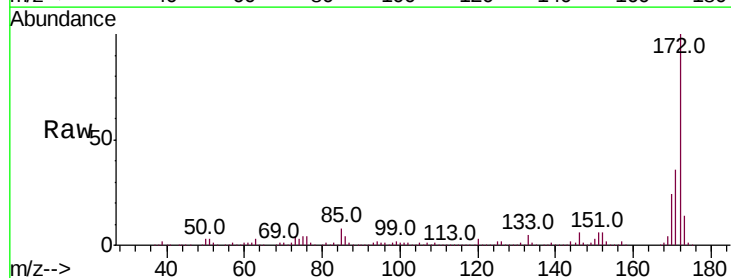


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

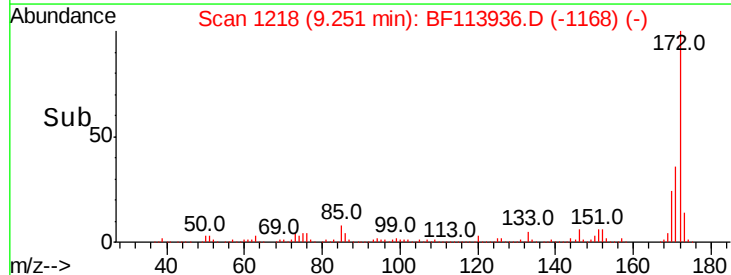
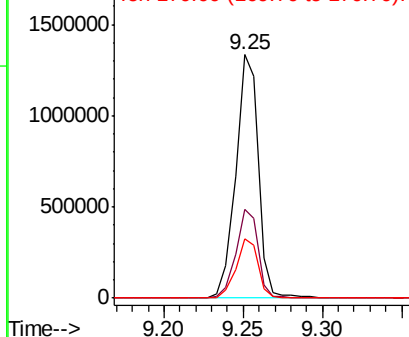


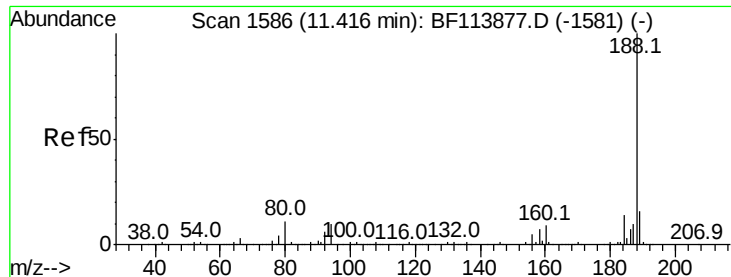
#45
 2-Fluorobiphenyl
 Concen: 96.972 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF113936.D
 Acq: 23 Apr 2019 22:18

Tgt Ion:172 Resp: 1317335
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 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

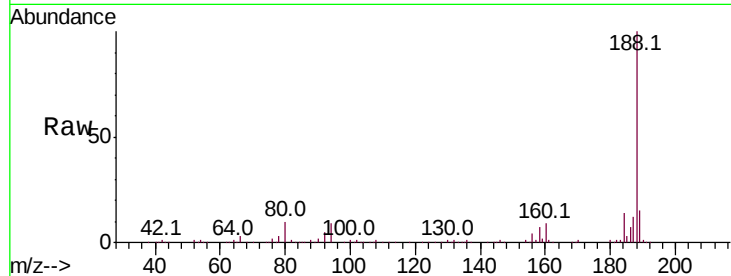




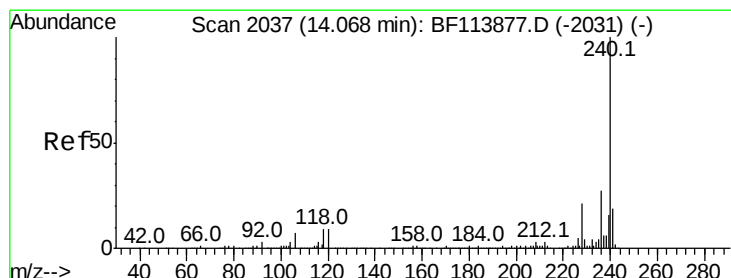
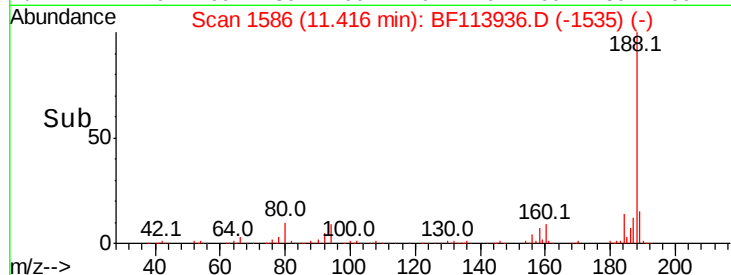
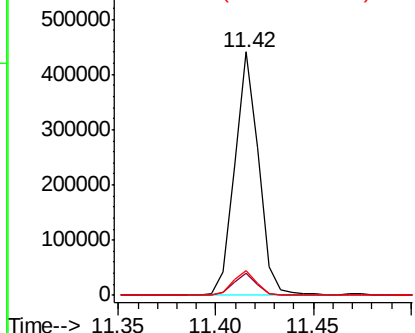
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113936.D
Acq: 23 Apr 2019 22:18

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:188 Resp: 374070
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 10.1 9.0 13.6

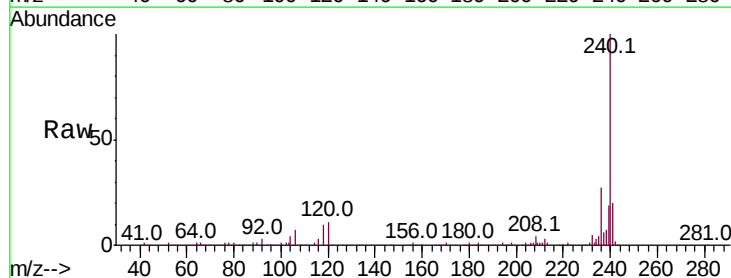


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

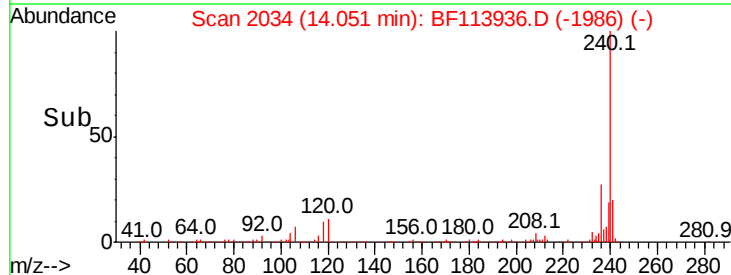
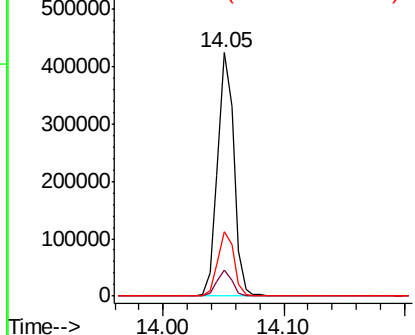


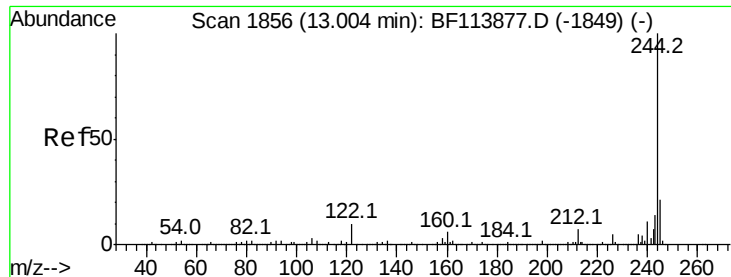
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113936.D
Acq: 23 Apr 2019 22:18

Tgt Ion:240 Resp: 393060
Ion Ratio Lower Upper
240 100
120 10.6 9.3 13.9
236 26.6 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: 76.950 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113936.D

Acq: 23 Apr 2019 22:18

Instrument :

BNA_F

ClientSampleId :

TP-5

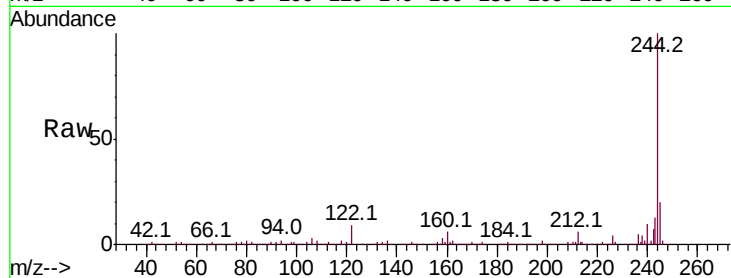
Tot Ion:244 Resp: 1475316

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

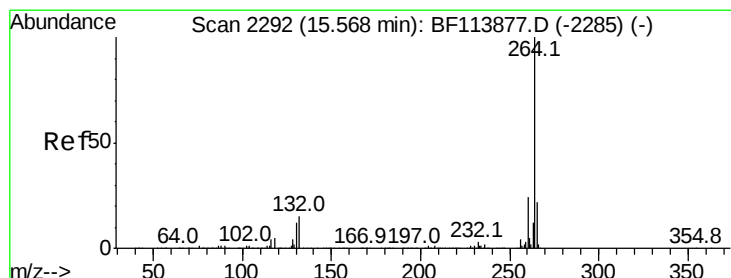
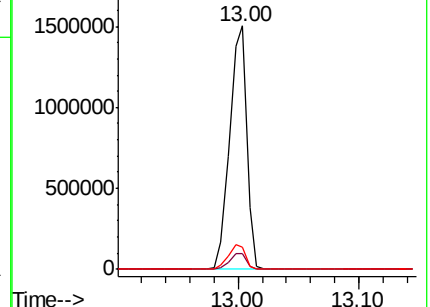
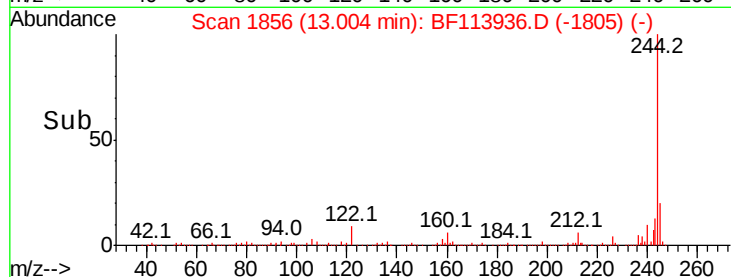
122 8.9 7.6 11.4



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: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF113936.D

Acq: 23 Apr 2019 22:18

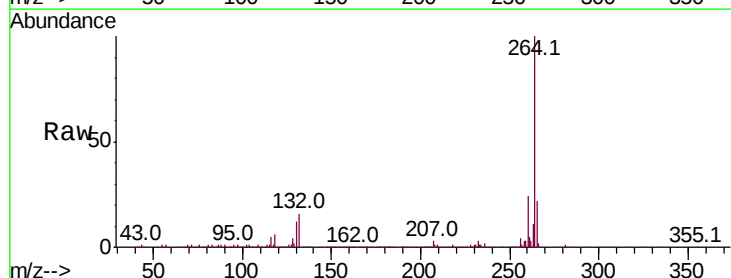
Tgt Ion:264 Resp: 350327

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.0 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

