

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113957.D
 Acq On : 24 Apr 2019 13:24
 Operator : JU/SJ
 Sample : K2542-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Apr 25 05:26:35 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

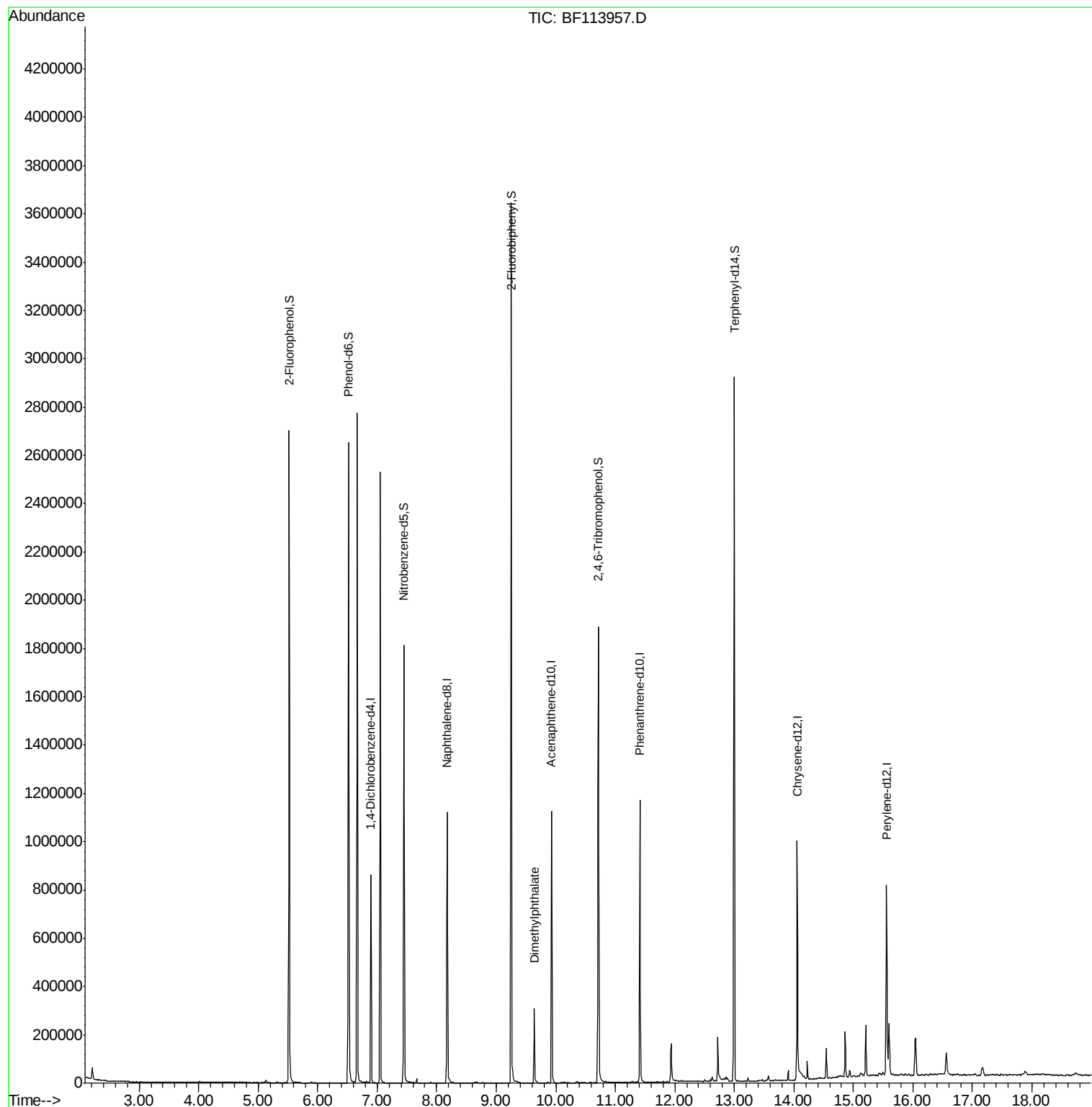
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137751	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	505710	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	249702	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	447388	20.00	ng	0.00
76) Chrysene-d12	14.06	240	312860	20.00	ng	-0.01
87) Perylene-d12	15.56	264	414697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	787880	97.83	ng	0.00
7) Phenol-d6	6.52	99	1013381	100.29	ng	0.00
23) Nitrobenzene-d5	7.45	82	616545	75.28	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	258742	85.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1120533	70.19	ng	0.00
79) Terphenyl-d14	13.00	244	989916	64.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	135398	7.498	ng	Qvalue 98

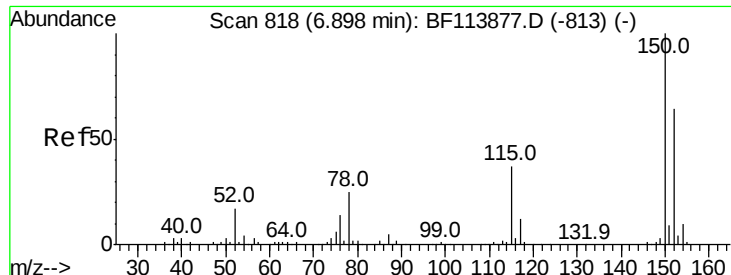
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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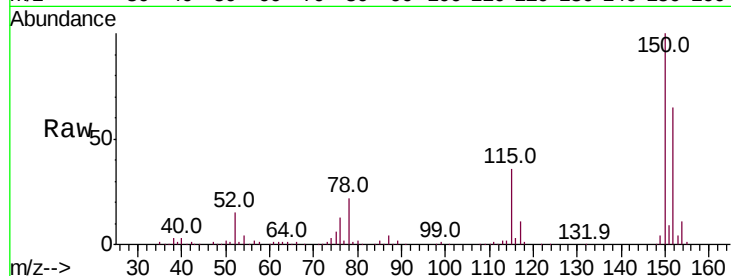


#1

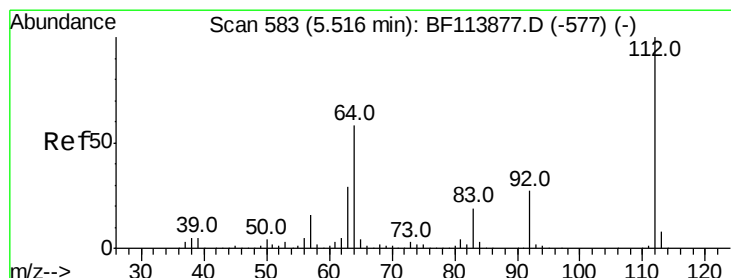
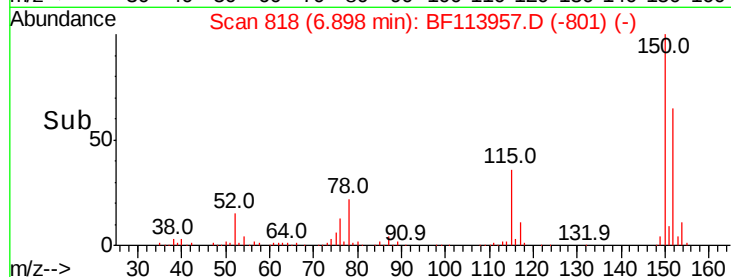
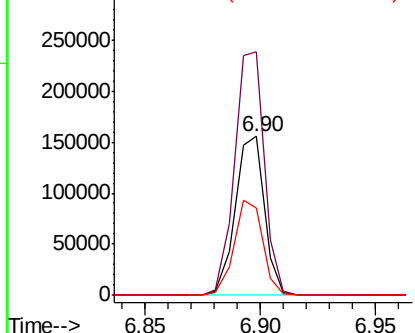
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:152 Resp: 137751
Ion Ratio Lower Upper
152 100
150 153.2 125.9 188.9
115 55.0 45.9 68.9



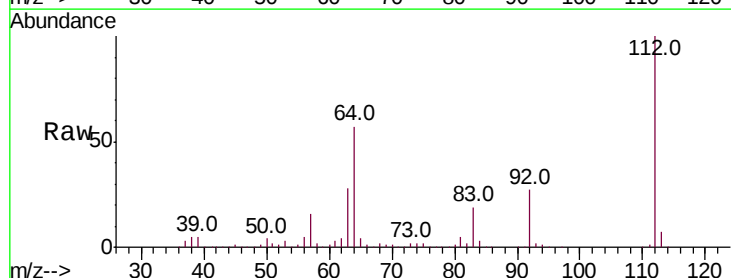
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



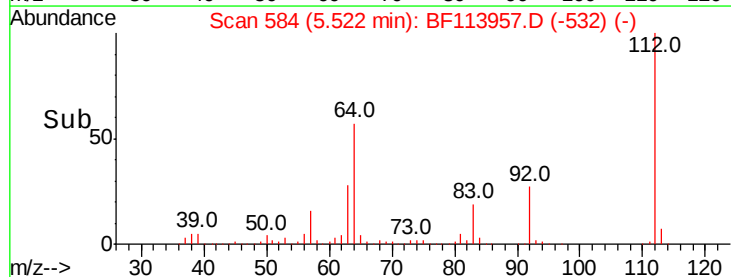
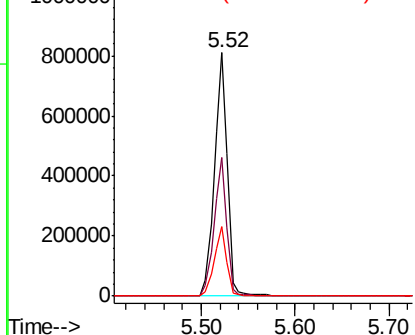
#5

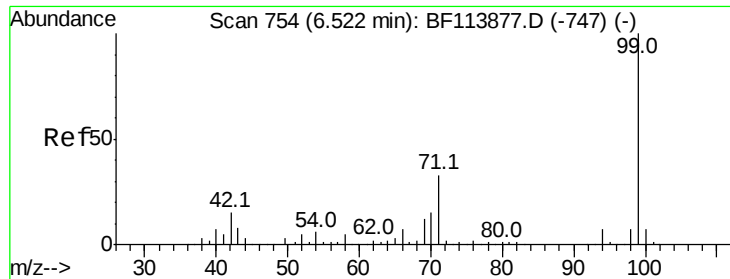
2-Fluorophenol
Concen: 97.825 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113957.D
Acq: 24 Apr 2019 13:24

Tgt Ion:112 Resp: 787880
Ion Ratio Lower Upper
112 100
64 56.8 46.6 69.8
63 28.4 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: 100.289 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113957.D

Acq: 24 Apr 2019 13:24

Instrument :

BNA_F

ClientSampled :

TP-7

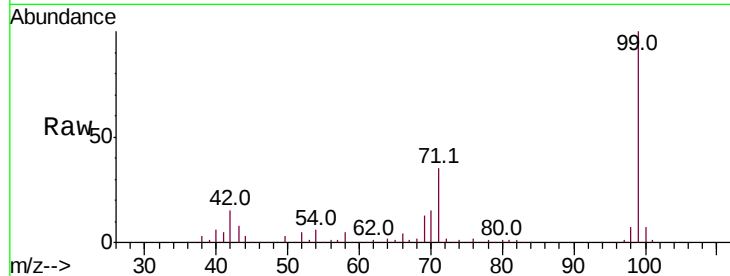
Tot Ion: 99 Resp: 1013381

Ion Ratio Lower Upper

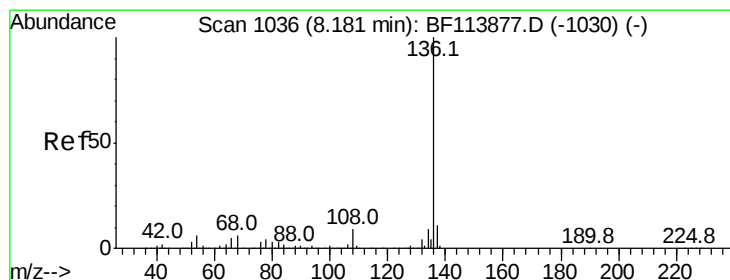
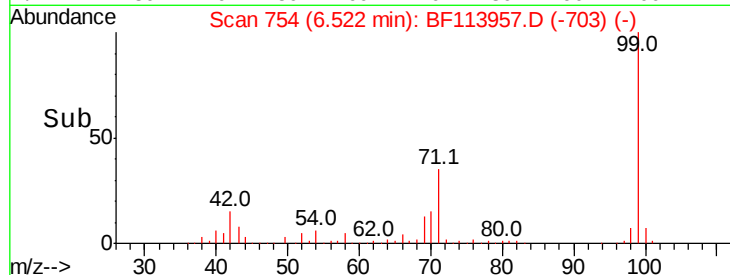
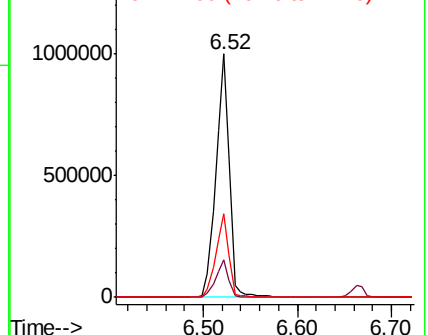
99 100

42 15.3 12.5 18.7

71 34.6 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: BF113957.D

Acq: 24 Apr 2019 13:24

Tgt Ion: 136 Resp: 505710

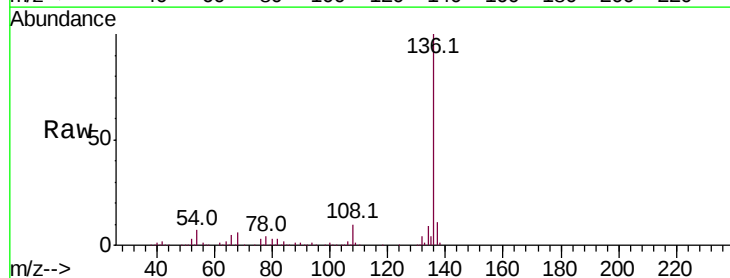
Ion Ratio Lower Upper

136 100

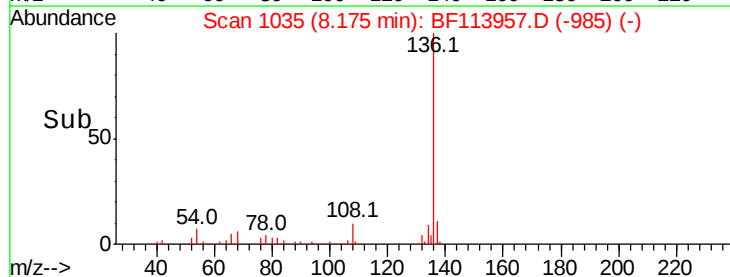
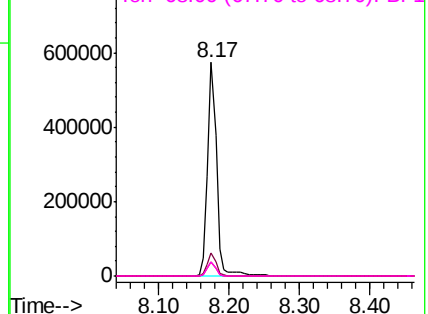
137 10.8 8.6 12.8

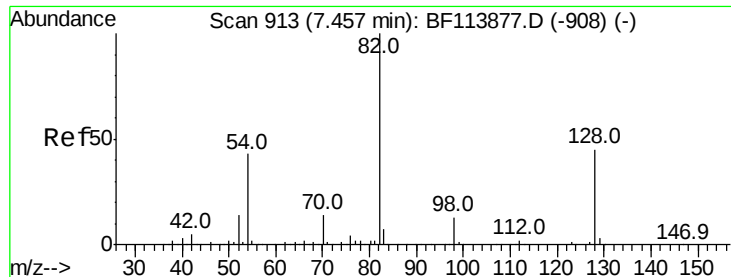
54 6.6 5.0 7.6

68 6.4 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

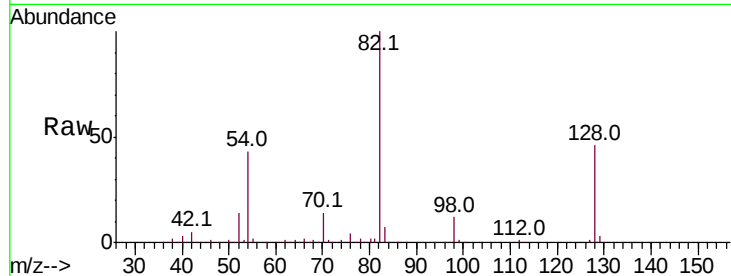




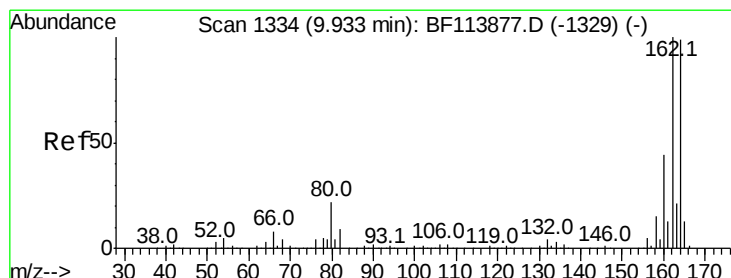
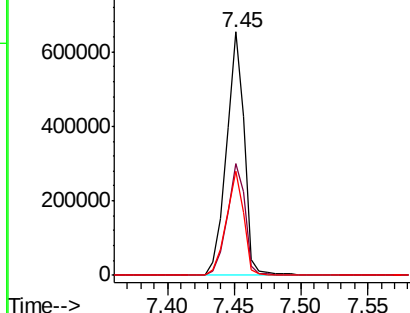
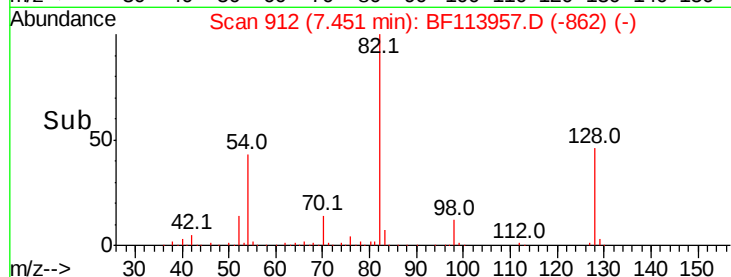
#23
 Nitrobenzene-d5
 Concen: 75.276 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113957.D
 Acq: 24 Apr 2019 13:24

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion	82	Resp	616545
Ion Ratio	100	Lower	Upper
128	45.8	36.8	55.2
54	42.8	33.8	50.6

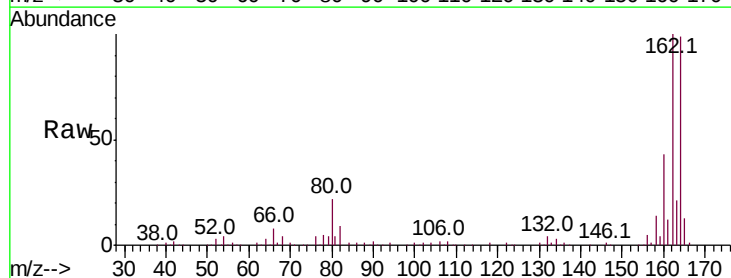


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

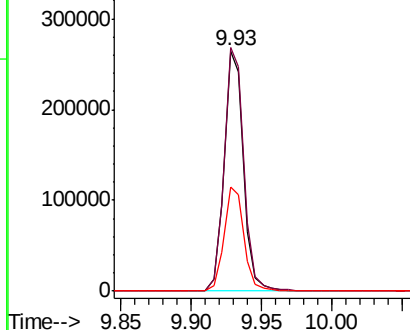
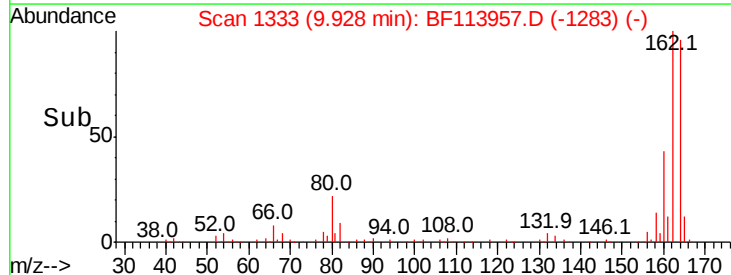


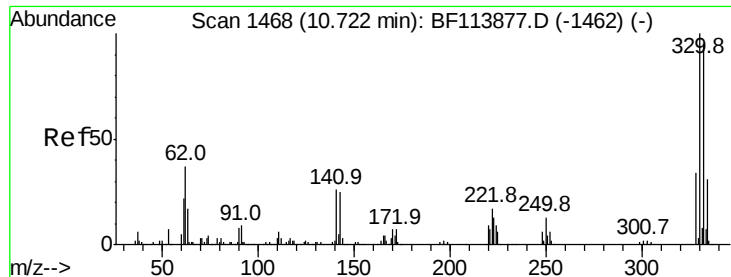
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113957.D
 Acq: 24 Apr 2019 13:24

Tgt Ion	164	Resp	249702
Ion Ratio	100	Lower	Upper
162	101.4	81.1	121.7
160	43.2	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: 85.060 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF113957.D

Acq: 24 Apr 2019 13:24

Instrument :

BNA_F

ClientSampleId :

TP-7

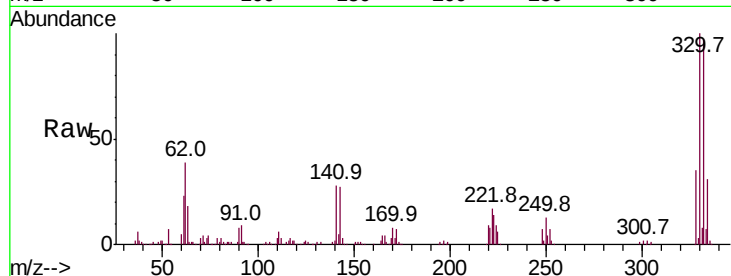
Tot Ion:330 Resp: 258742

Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

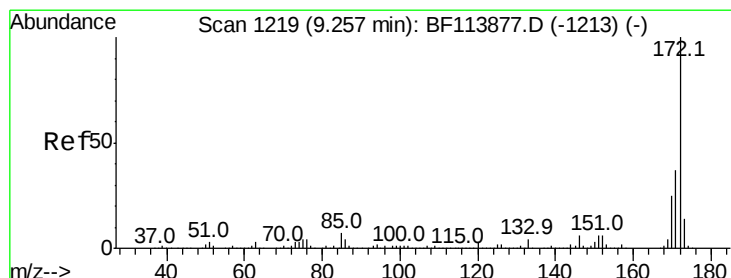
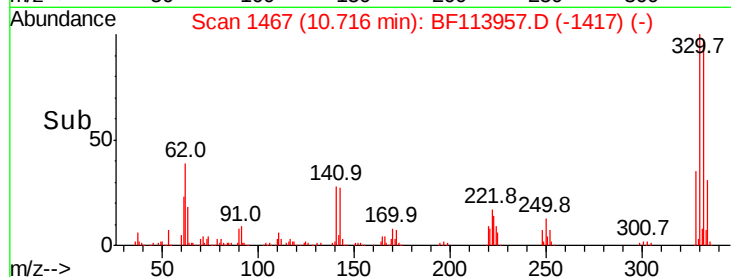
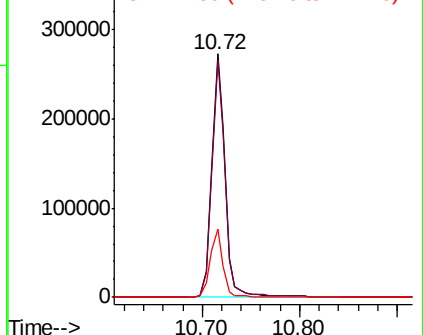
141 26.9 22.2 33.2



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: 70.185 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113957.D

Acq: 24 Apr 2019 13:24

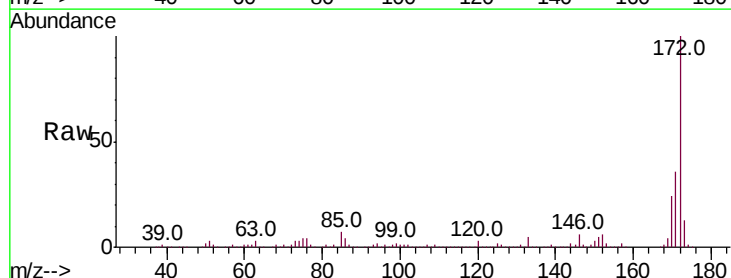
Tgt Ion:172 Resp: 1120533

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

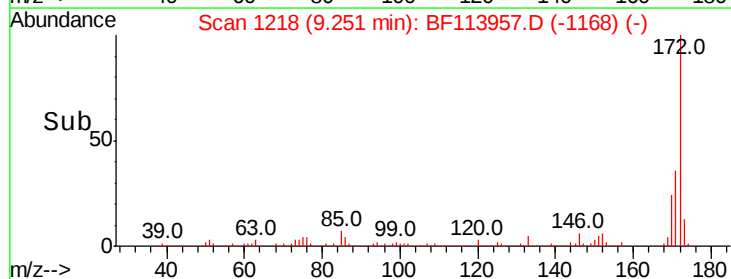
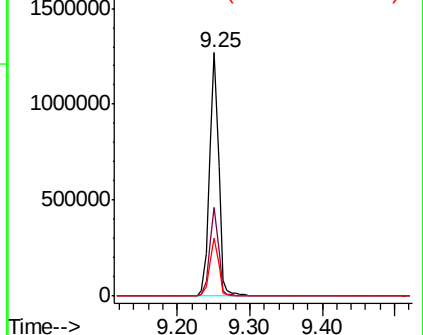
170 24.0 19.9 29.9

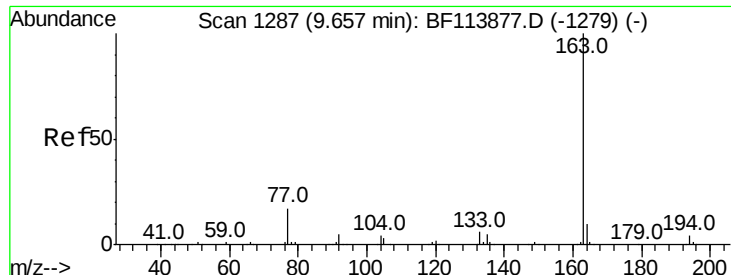


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.498 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113957.D

Acq: 24 Apr 2019 13:24

Instrument :

BNA_F

ClientSampleId :

TP-7

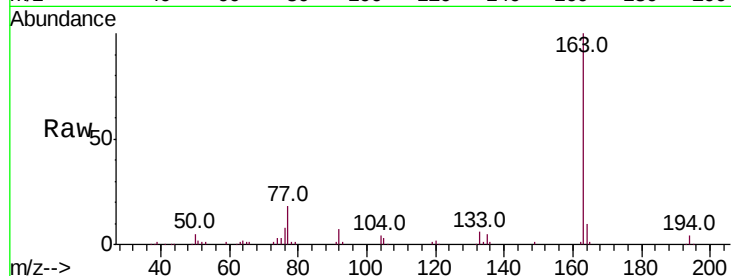
Tot Ion:163 Resp: 135398

Ion Ratio Lower Upper

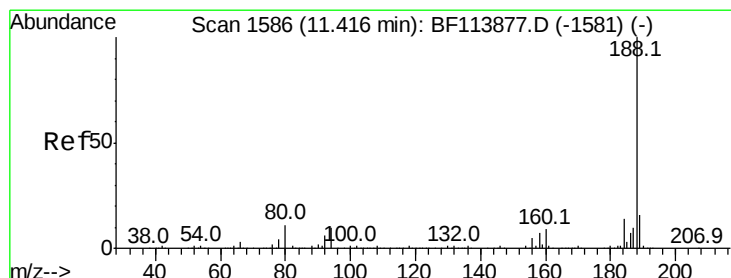
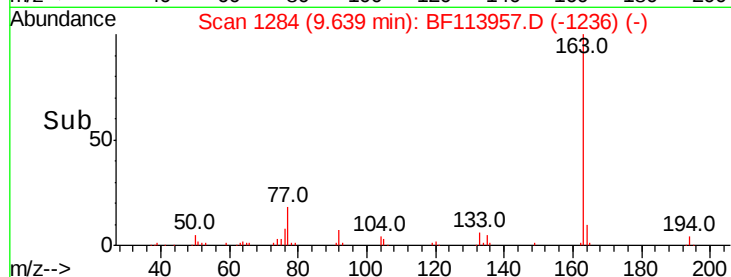
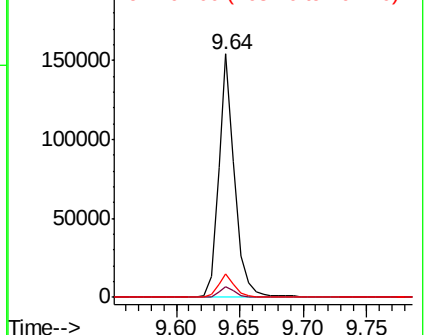
163 100

194 4.2 3.4 5.2

164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113957.D

Acq: 24 Apr 2019 13:24

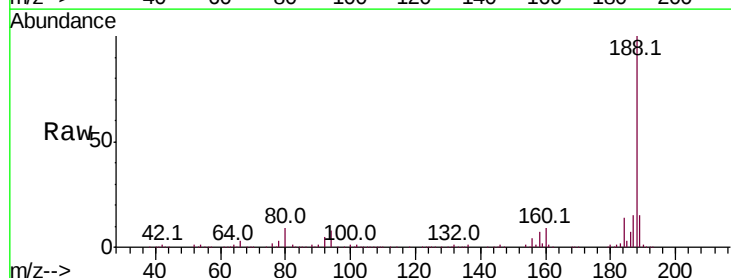
Tgt Ion:188 Resp: 447388

Ion Ratio Lower Upper

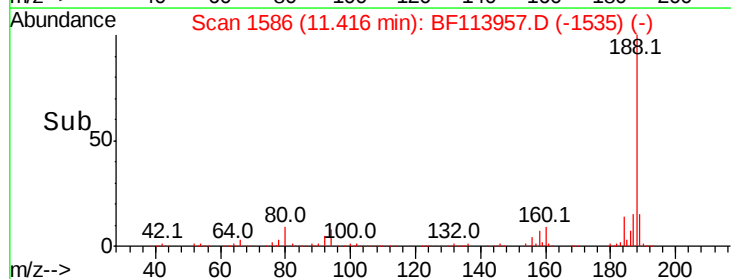
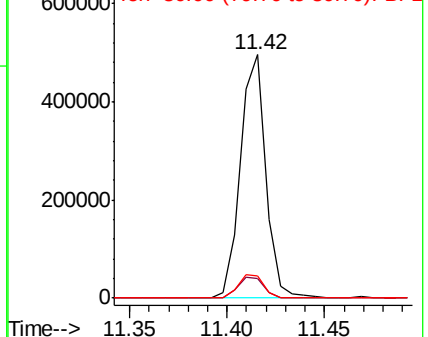
188 100

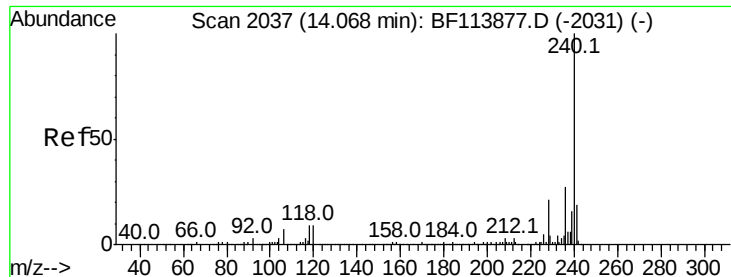
94 8.3 8.2 12.4

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

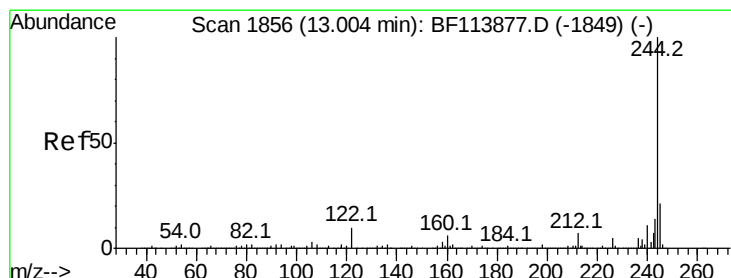
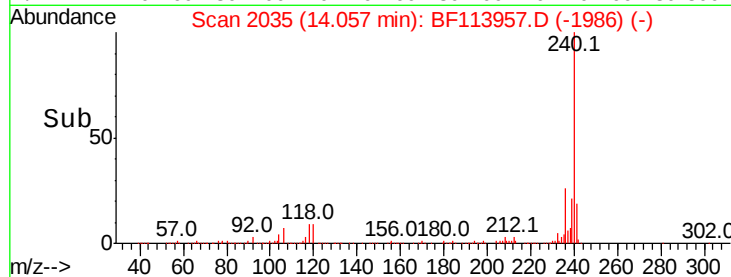
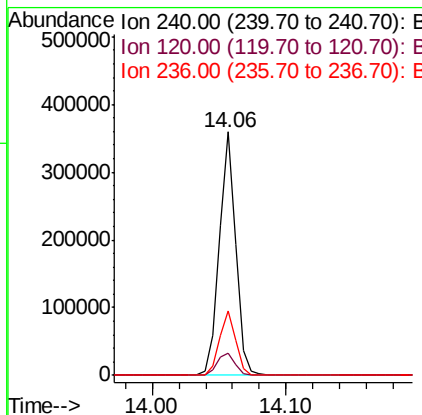
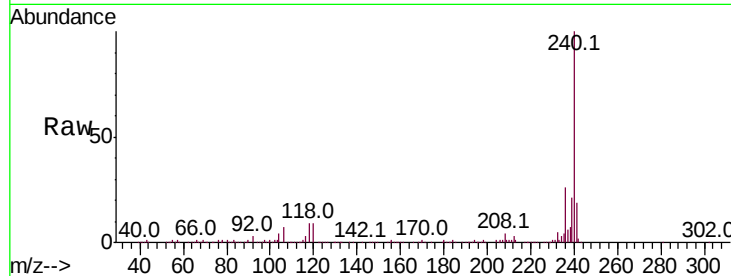




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113957.D
 Acq: 24 Apr 2019 13:24

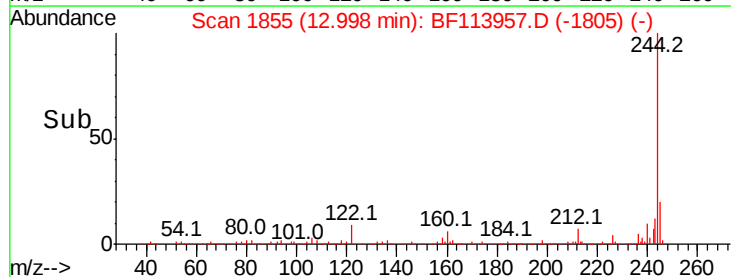
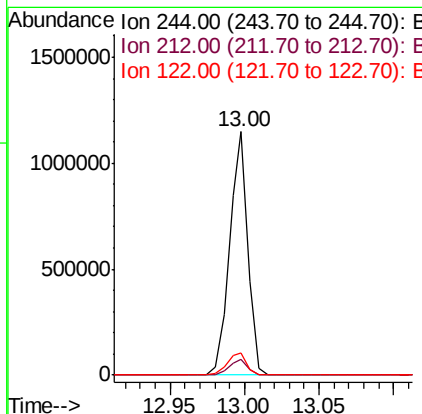
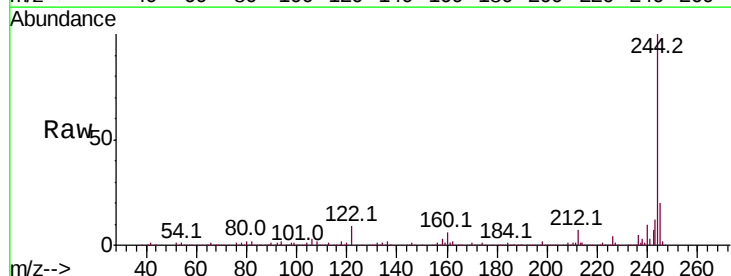
Instrument :
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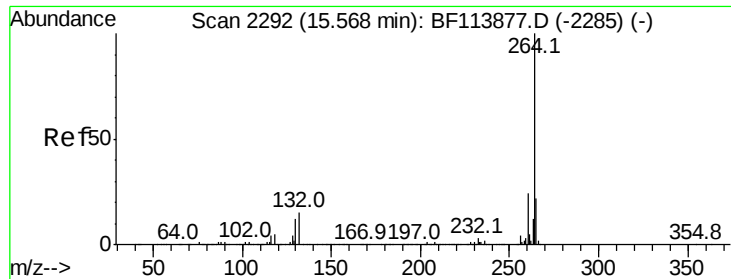
Tot Ion:240 Resp: 312860
 Ion Ratio Lower Upper
 240 100
 120 9.3 9.3 13.9
 236 26.3 21.2 31.8



#79
 Terphenyl-d14
 Concen: 64.868 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF113957.D
 Acq: 24 Apr 2019 13:24

Tgt Ion:244 Resp: 989916
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 9.4 7.6 11.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF113957.D
 Acq: 24 Apr 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	20.8	17.3	25.9

