

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113912.D
 Acq On : 23 Apr 2019 7:29
 Operator : JU/SJ
 Sample : K2465-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q-COMP-4.18.19

Quant Time: Apr 23 08:57:11 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

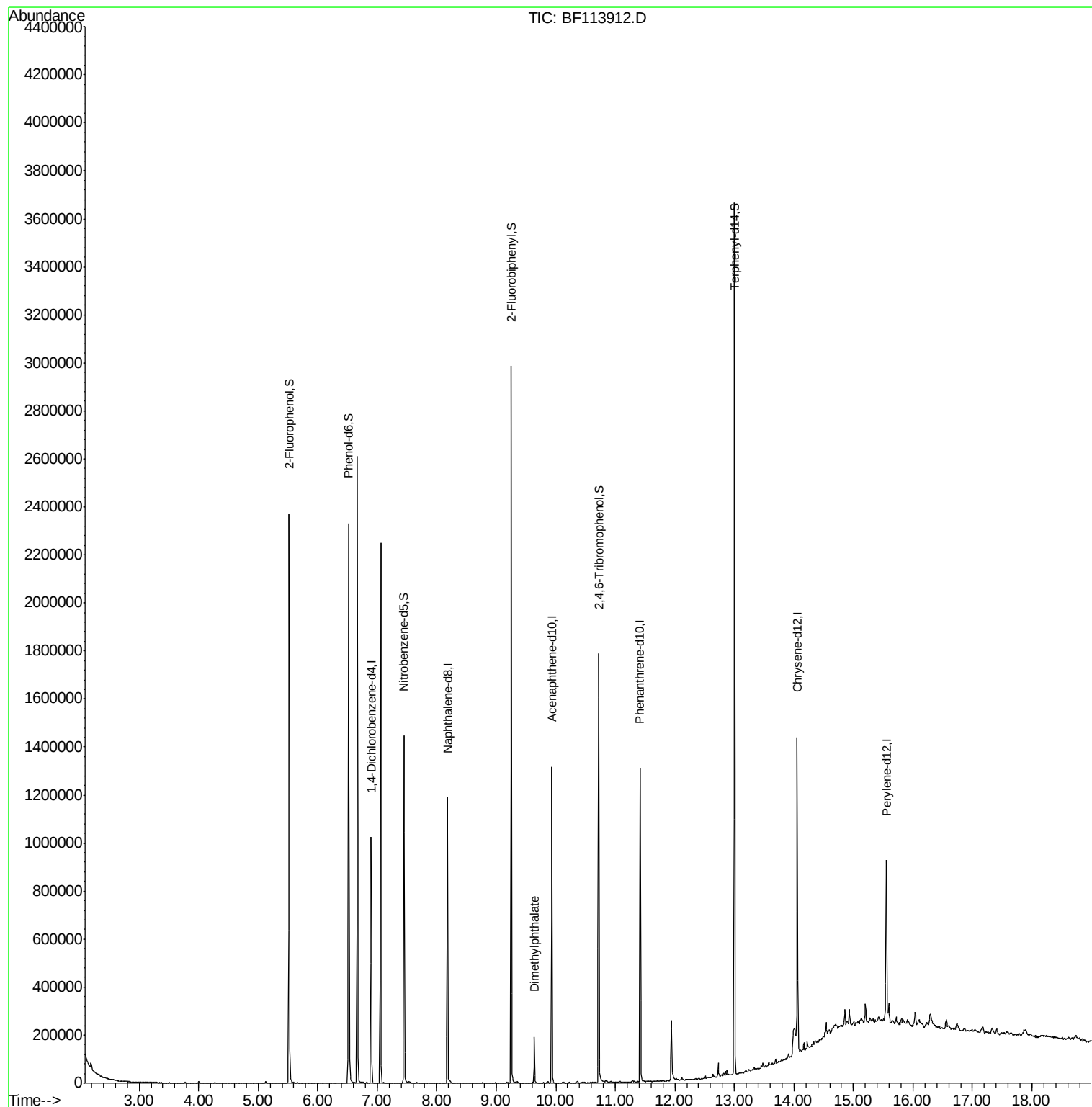
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142420	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	504375	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	247295	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	514897	20.00	ng	0.00
76) Chrysene-d12	14.06	240	443175	20.00	ng	-0.01
87) Perylene-d12	15.56	264	348703	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	670662	80.54	ng	0.00
7) Phenol-d6	6.52	99	837425	80.16	ng	0.00
23) Nitrobenzene-d5	7.45	82	462030	56.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	258373	85.77	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	946845	59.88	ng	0.00
79) Terphenyl-d14	13.00	244	1258565	58.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	76304	4.266	ng	Qvalue 98

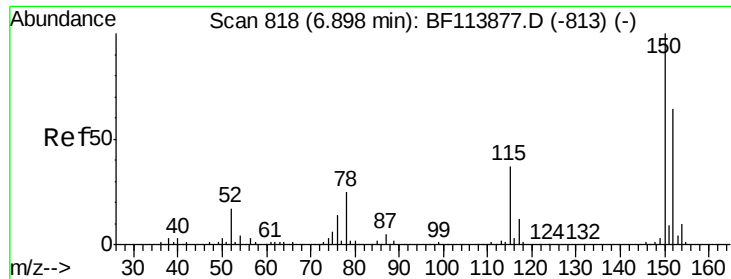
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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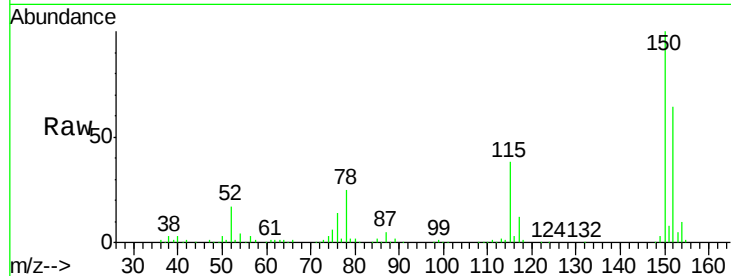


#1

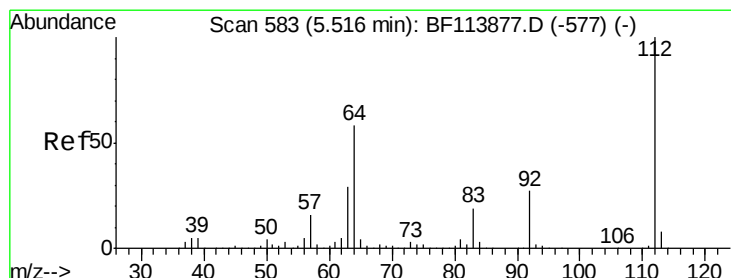
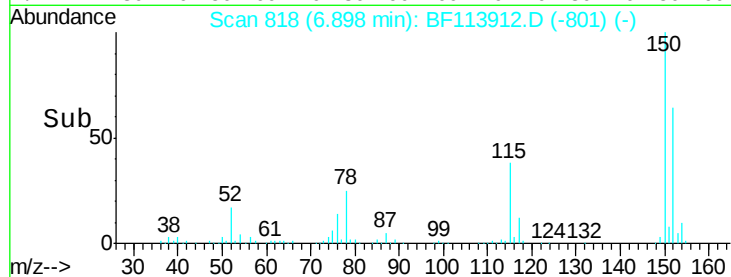
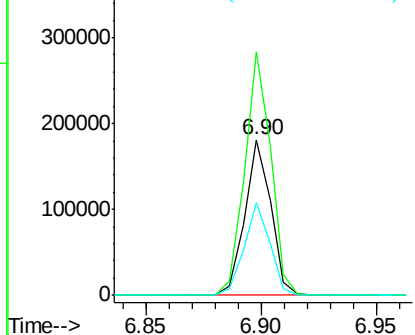
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:152 Resp: 142420
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 59.1 45.9 68.9



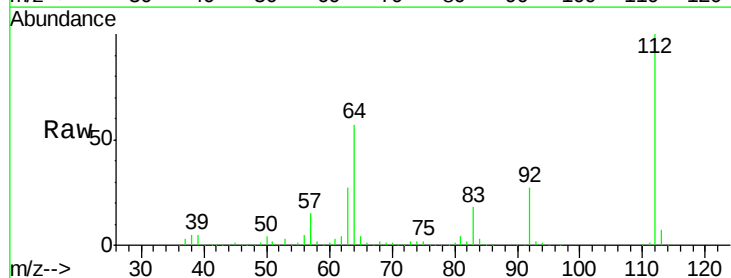
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



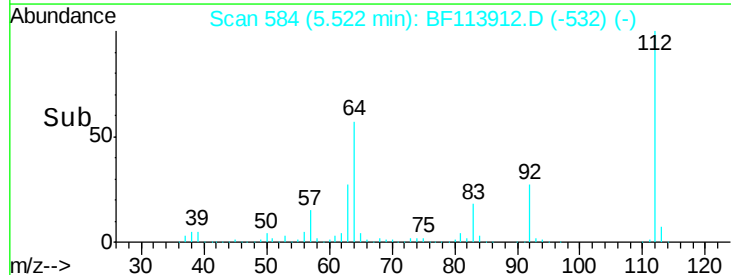
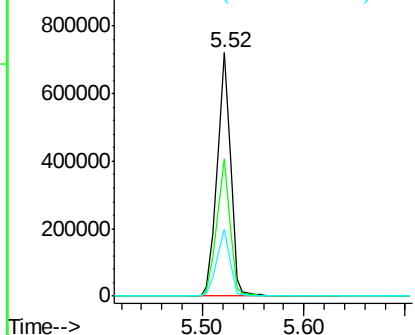
#5

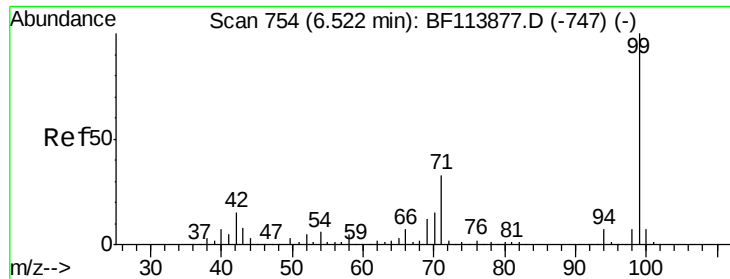
2-Fluorophenol
Concen: 80.541 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:112 Resp: 670662
Ion Ratio Lower Upper
112 100
64 56.5 46.6 69.8
63 27.4 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: 80.159 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

Instrument :

BNA_F

ClientSampleId :

Q-COMP-4.18.19

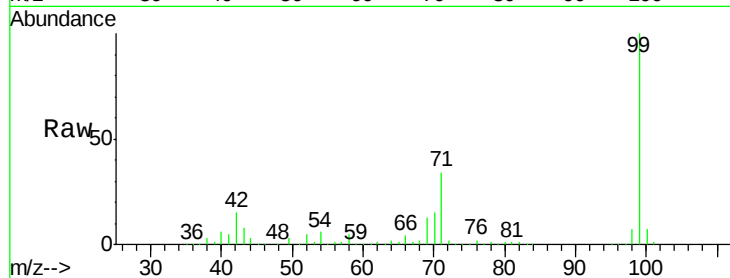
Tgt Ion: 99 Resp: 837425

Ion Ratio Lower Upper

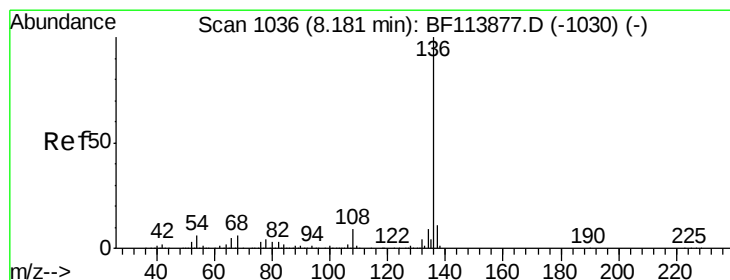
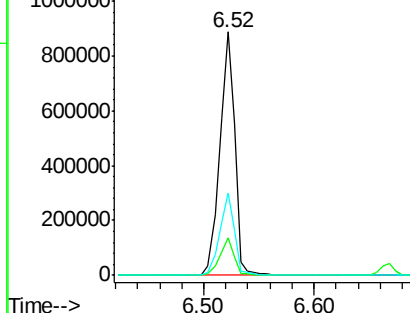
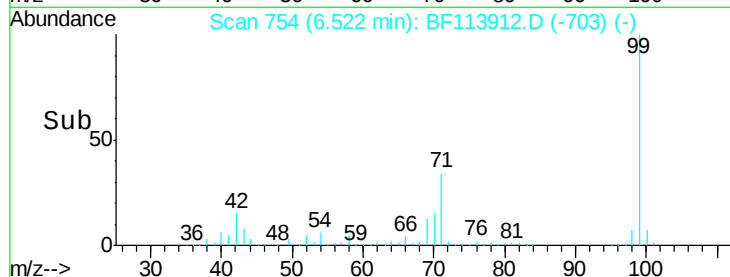
99 100

42 15.2 12.5 18.7

71 33.8 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: BF113912.D

Acq: 23 Apr 2019 7:29

Tgt Ion: 136 Resp: 504375

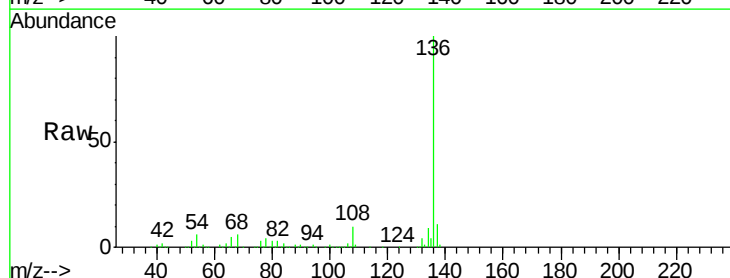
Ion Ratio Lower Upper

136 100

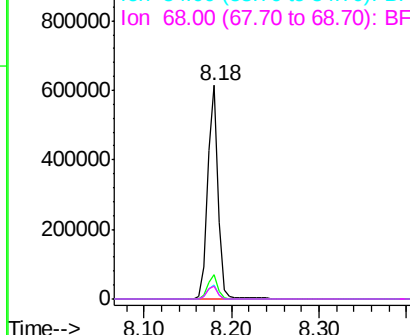
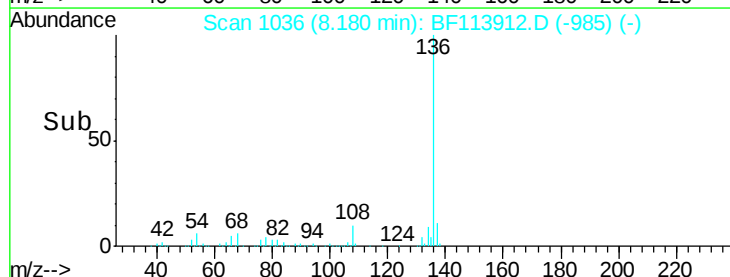
137 11.1 8.6 12.8

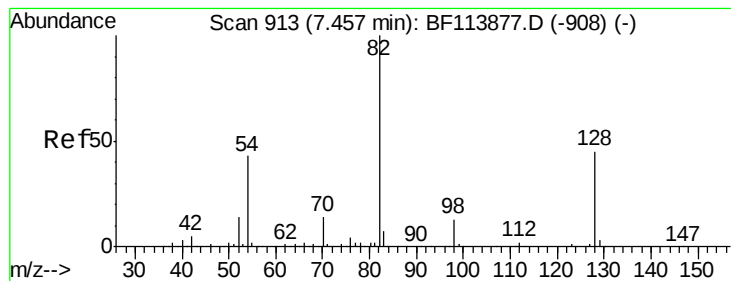
54 6.4 5.0 7.6

68 5.9 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: 56.560 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

Instrument :

BNA_F

ClientSampleId :

Q-COMP-4.18.19

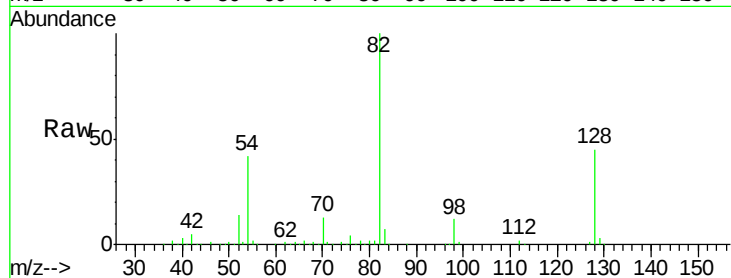
Tgt Ion: 82 Resp: 462030

Ion Ratio Lower Upper

82 100

128 44.5 36.8 55.2

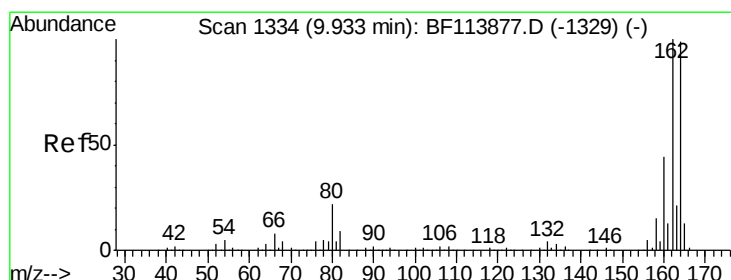
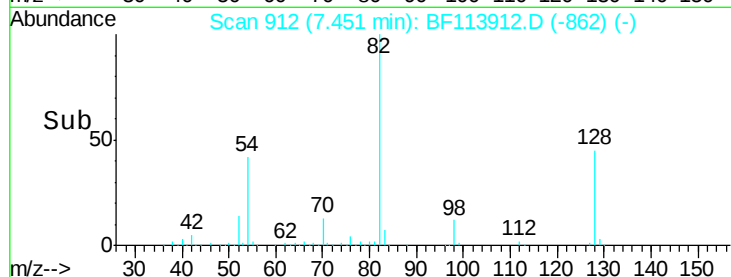
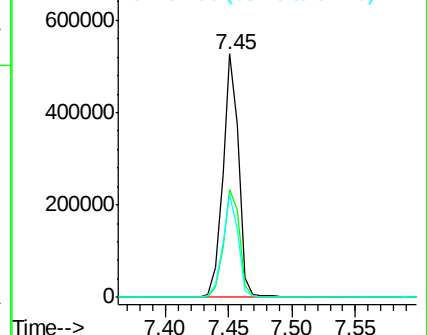
54 42.2 33.8 50.6



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: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

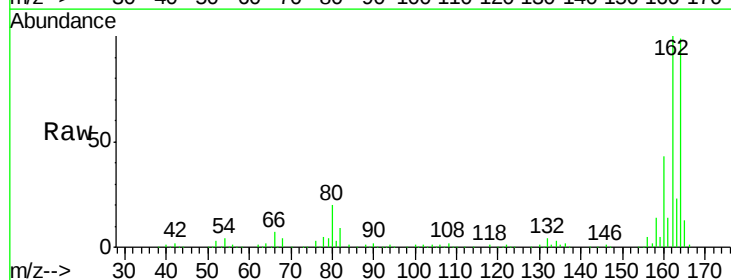
Tgt Ion: 164 Resp: 247295

Ion Ratio Lower Upper

164 100

162 100.6 81.1 121.7

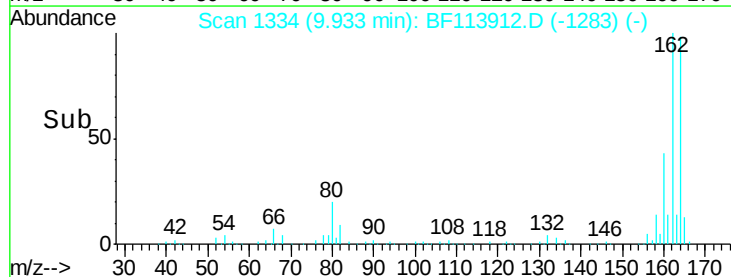
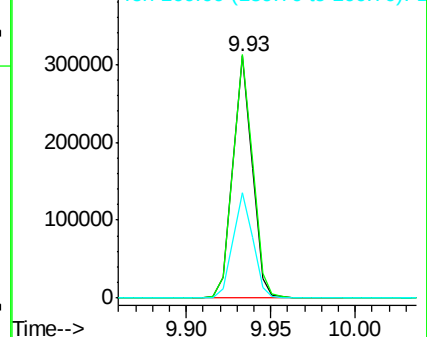
160 43.4 35.8 53.6

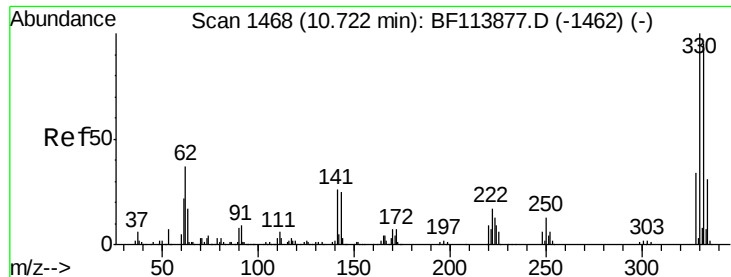


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 85.765 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

Instrument :

BNA_F

ClientSampleId :

Q-COMP-4.18.19

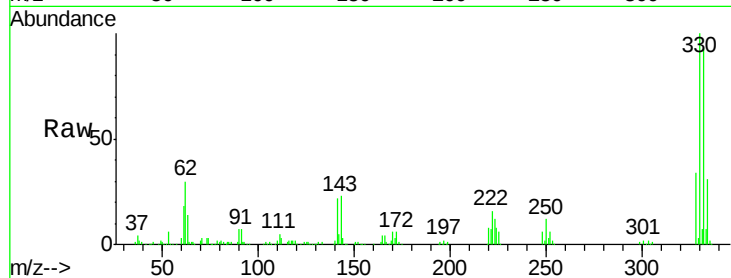
Tgt Ion:330 Resp: 258373

Ion Ratio Lower Upper

330 100

332 94.9 77.5 116.3

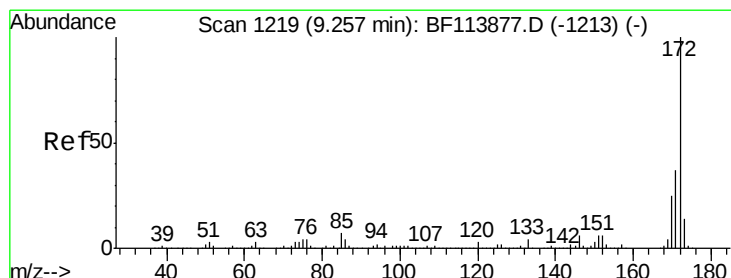
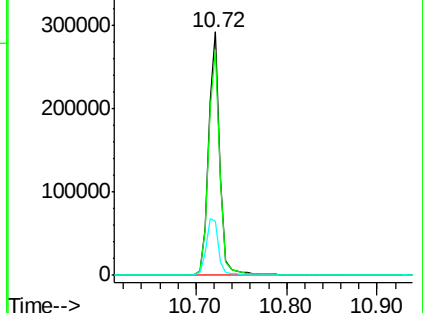
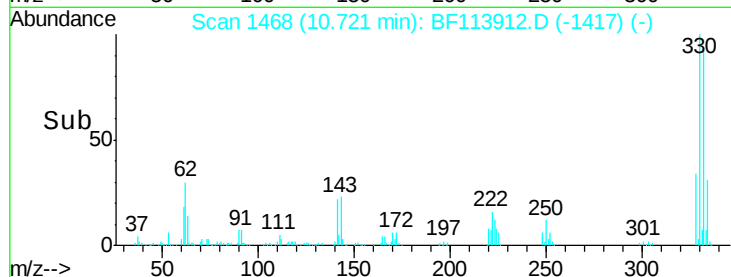
141 26.0 22.2 33.2



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: 59.884 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

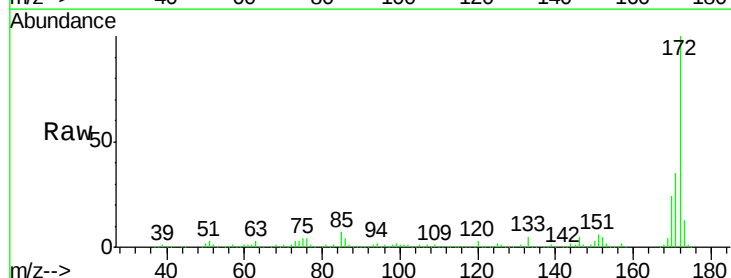
Tgt Ion:172 Resp: 946845

Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

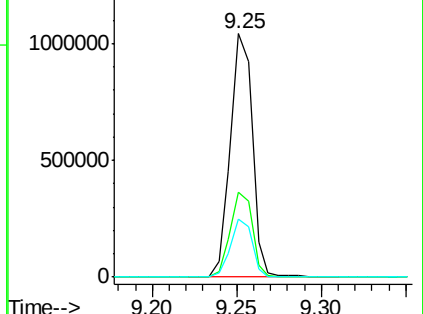
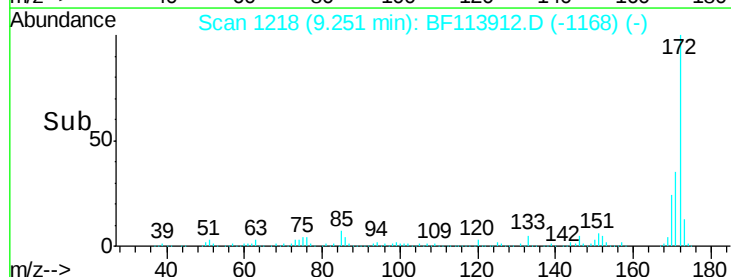
170 23.6 19.9 29.9

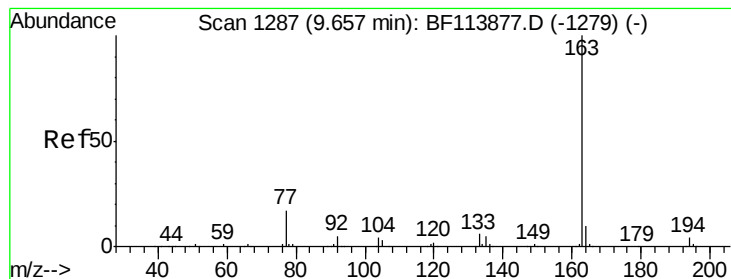


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.266 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113912.D

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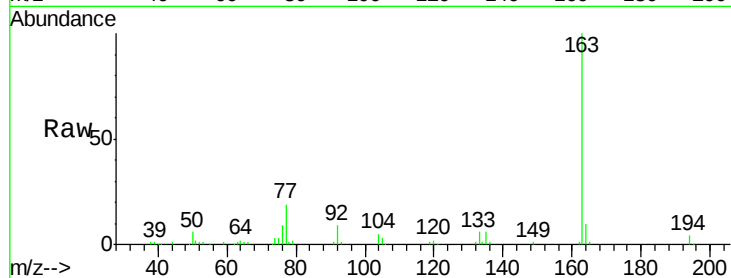
Tgt Ion:163 Resp: 76304

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

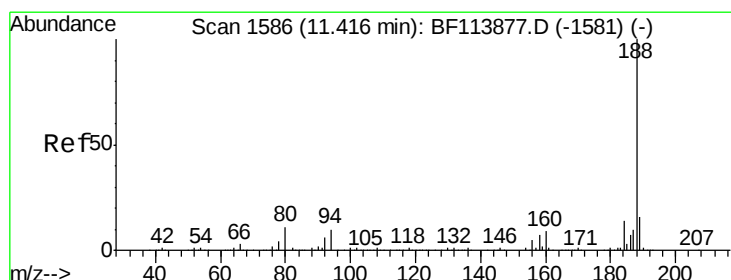
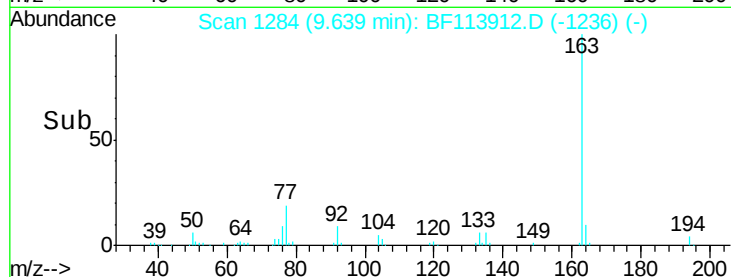
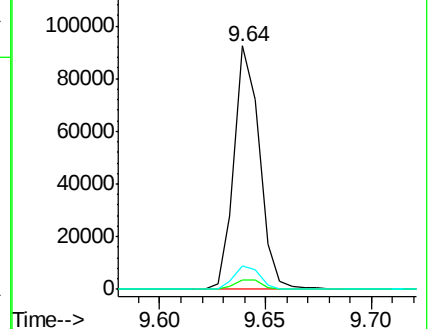
164 9.9 8.5 12.7



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# 1587

Delta R.T. 0.01 min

Lab File: BF113912.D

Acq: 23 Apr 2019 7:29

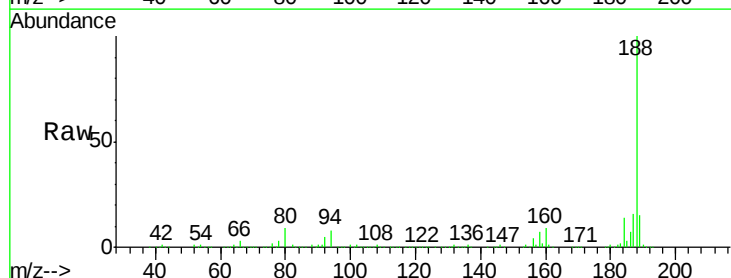
Tgt Ion:188 Resp: 514897

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.4#

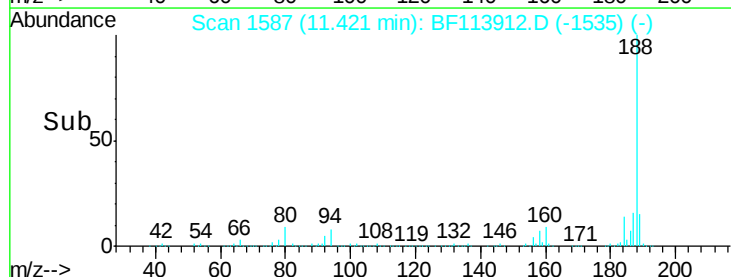
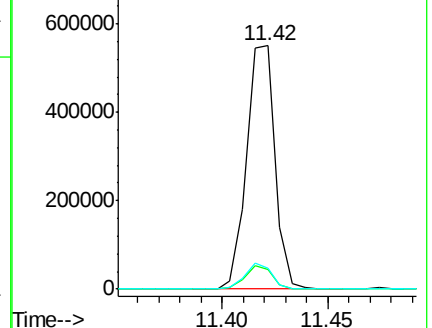
80 8.7 9.0 13.6#

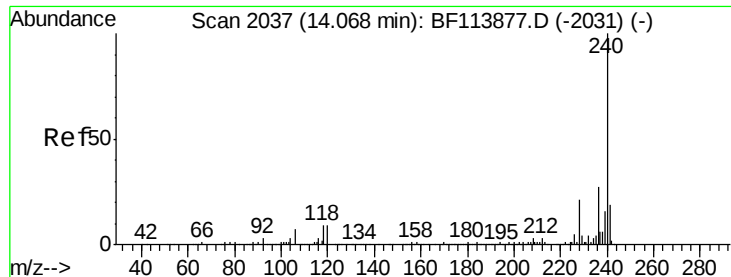


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

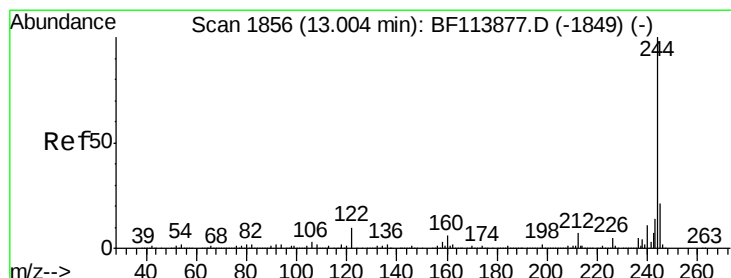
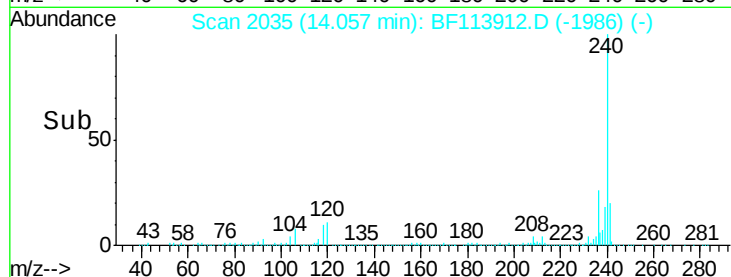
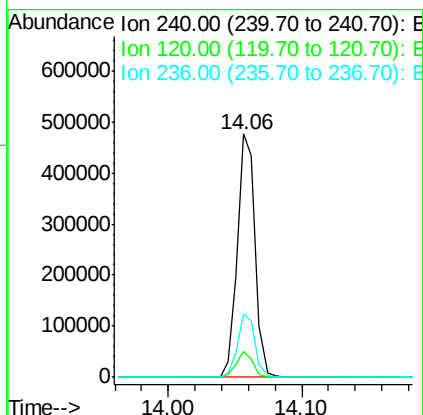
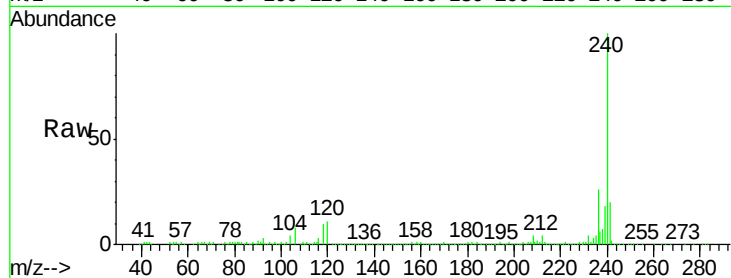




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

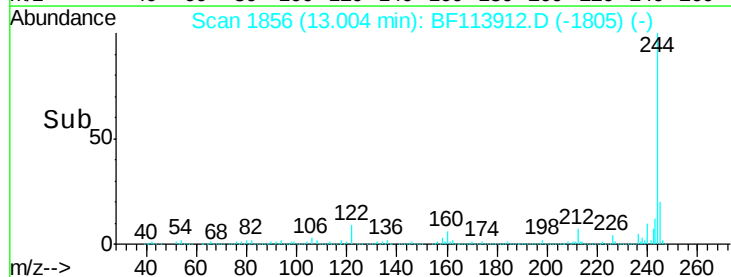
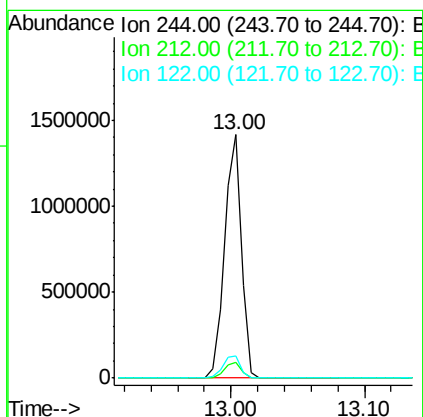
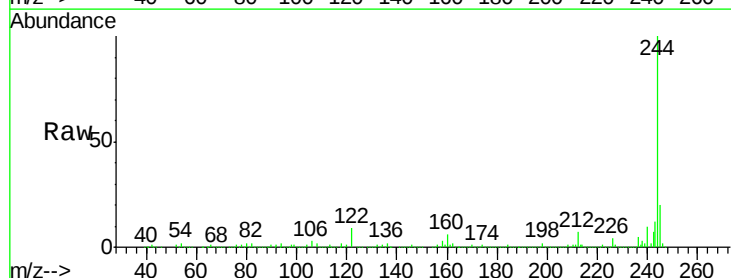
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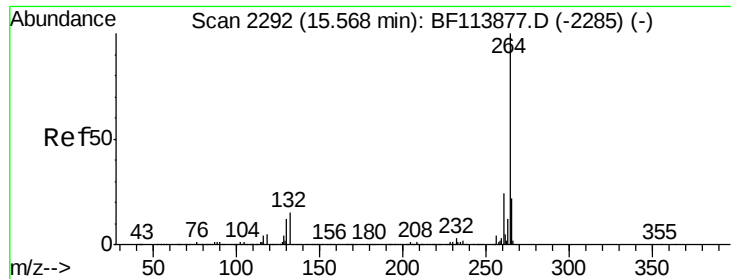
Tgt Ion:240 Resp: 443175
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 26.1 21.2 31.8



#79
Terphenyl-d14
Concen: 58.221 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Tgt Ion:244 Resp: 1258565
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 9.4 7.6 11.4

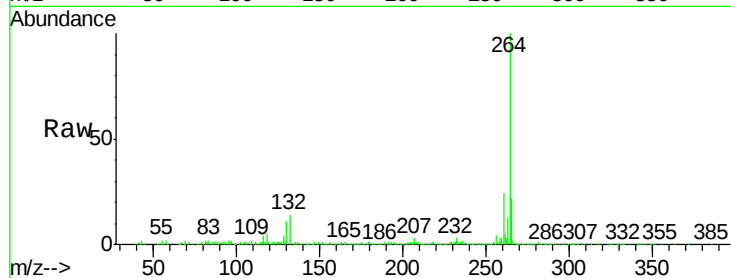




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF113912.D
Acq: 23 Apr 2019 7:29

Instrument :
BNA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.5	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

