

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117956.D
 Acq On : 23 Nov 2019 15:07
 Operator : JU
 Sample : PB125043TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125043TB

Quant Time: Nov 25 08:14:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

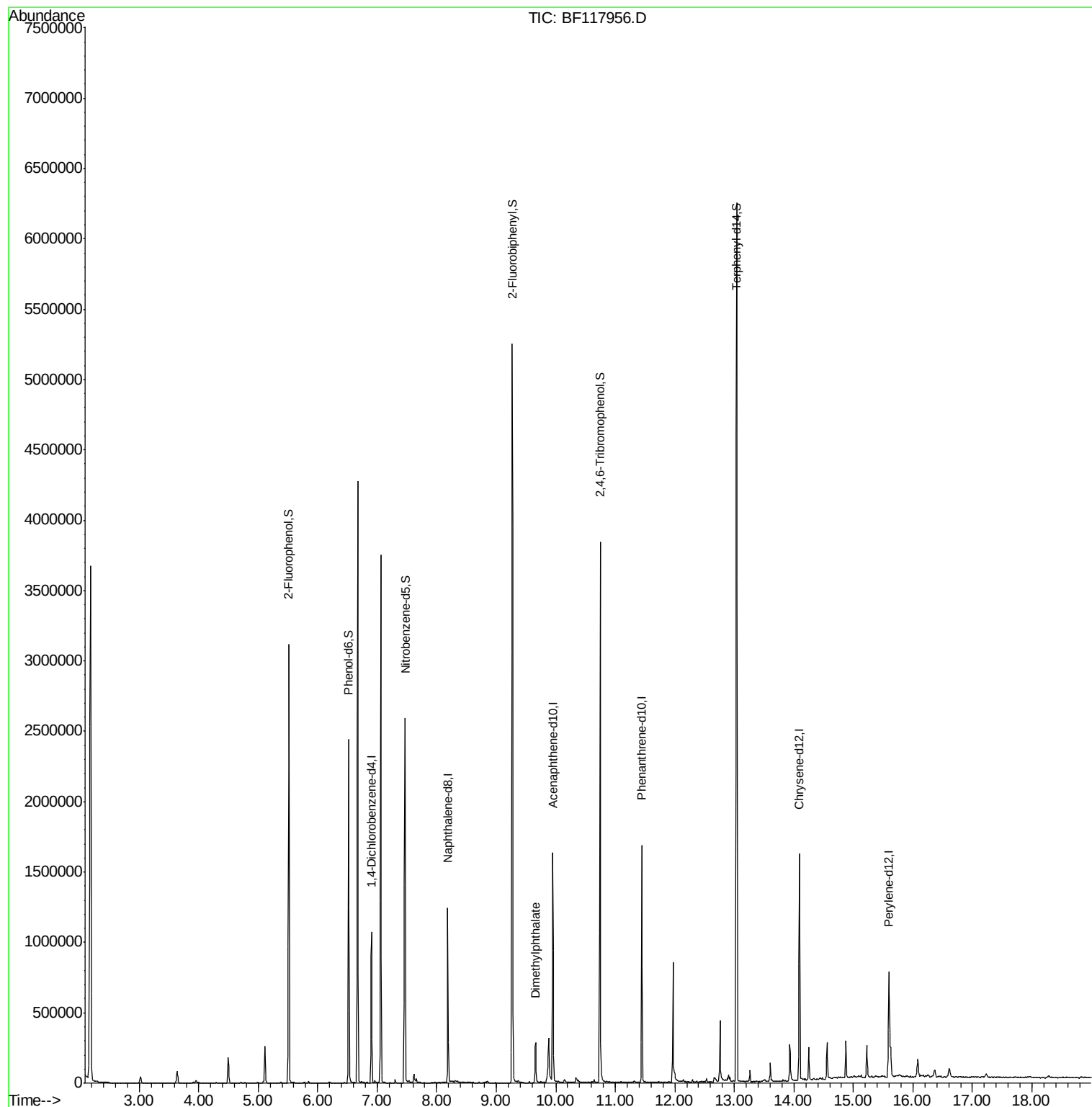
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156494	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	587772	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	307404	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	609104	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	502881	20.00	ng	-0.02
87) Perylene-d12	15.60	264	321271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	873345	98.78	ng	-0.02
7) Phenol-d6	6.52	99	770506	72.26	ng	-0.02
23) Nitrobenzene-d5	7.47	82	917301	92.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	508152	156.14	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1715931	100.14	ng	-0.02
79) Terphenyl-d14	13.04	244	2301285	83.64	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.66	163	125667	5.830	ng	Qvalue 97

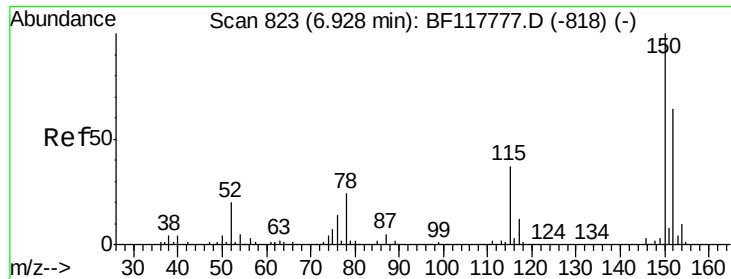
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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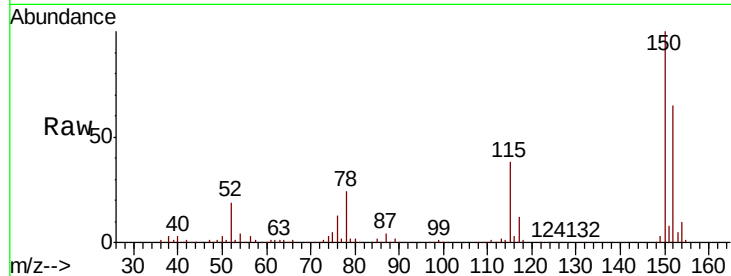


#1

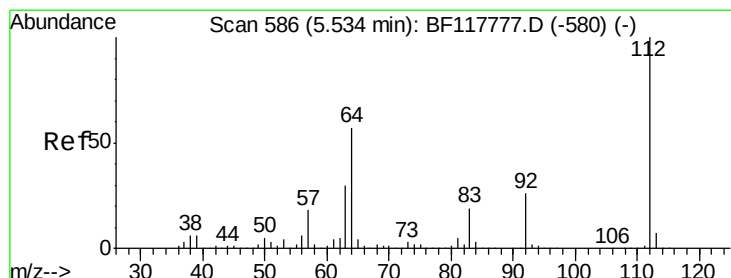
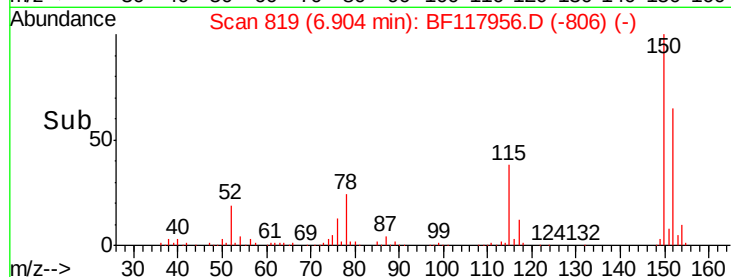
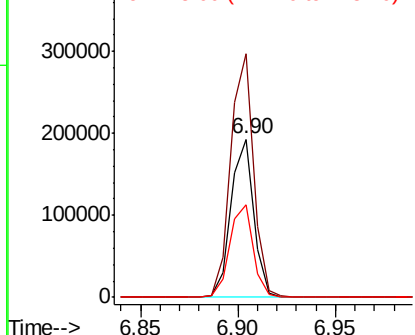
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB125043TB

Tot Ion:152 Resp: 156494
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.3 187.9
 115 58.3 47.0 70.4



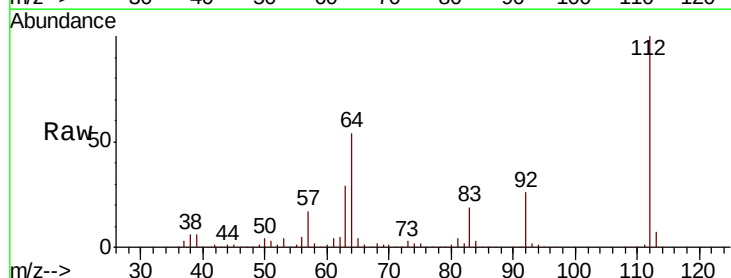
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



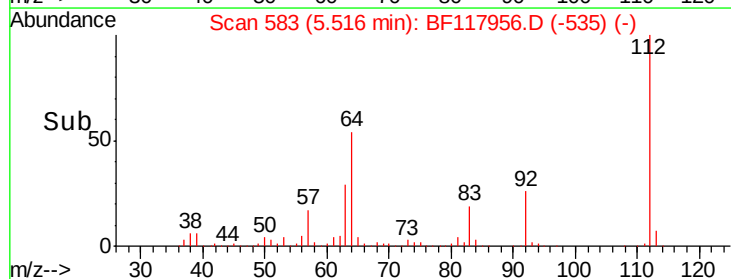
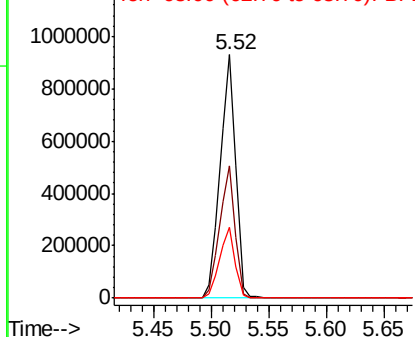
#5

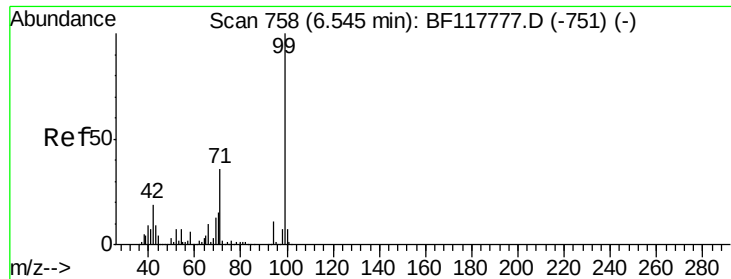
2-Fluorophenol
 Concen: 98.784 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

Tgt Ion:112 Resp: 873345
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.6 68.4
 63 28.9 24.1 36.1



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: 72.256 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB125043TB

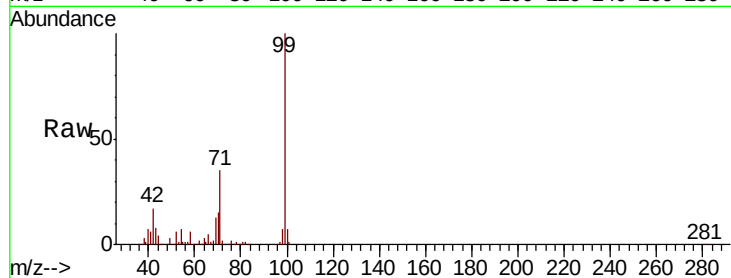
Tot Ion: 99 Resp: 770506

Ion Ratio Lower Upper

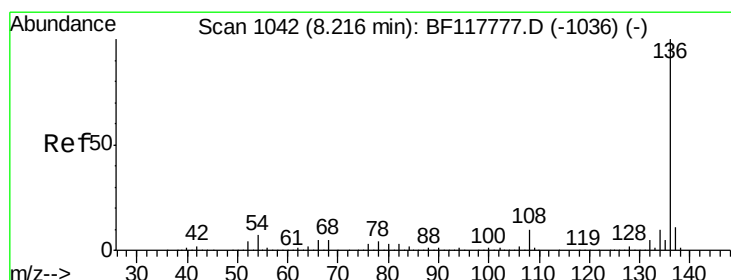
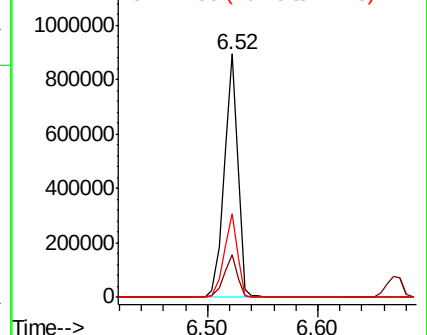
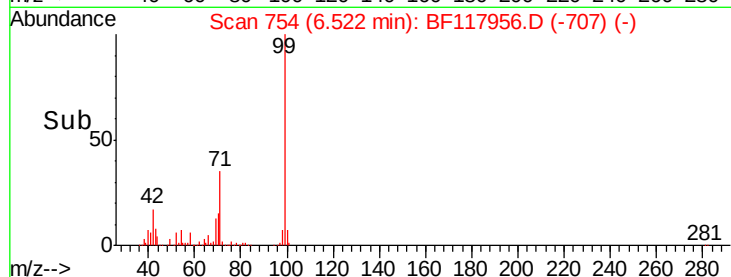
99 100

42 17.5 14.9 22.3

71 34.6 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Tgt Ion: 136 Resp: 587772

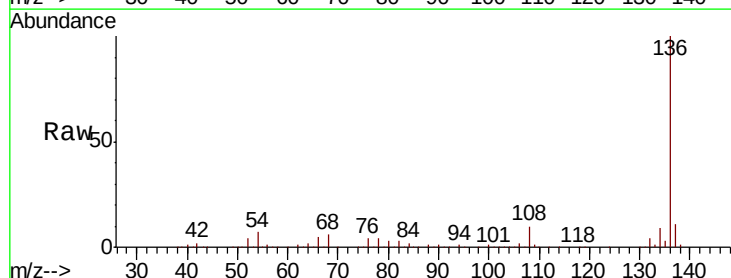
Ion Ratio Lower Upper

136 100

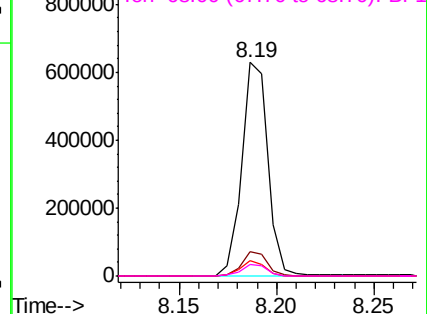
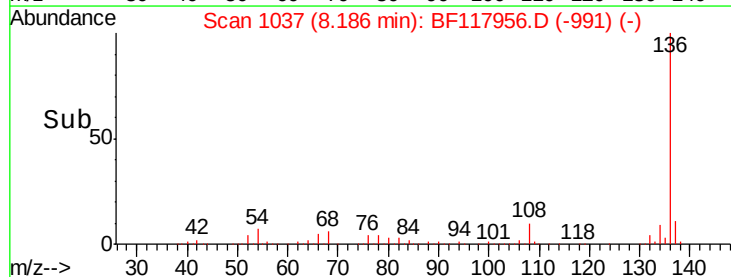
137 11.1 9.0 13.4

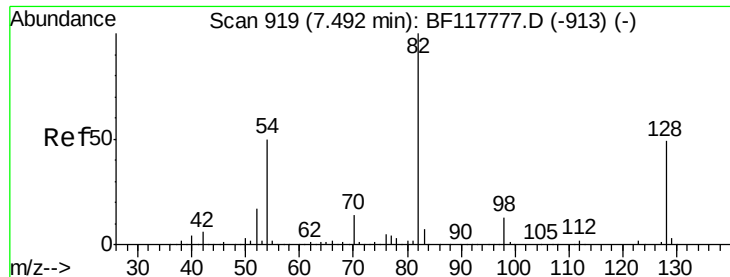
54 7.0 5.4 8.2

68 5.5 4.3 6.5



Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
800000
Ion 54.00 (53.70 to 54.70): BF1
600000
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 92.774 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB125043TB

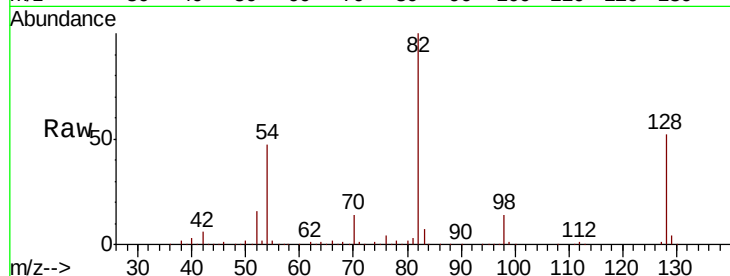
Tot Ion: 82 Resp: 917301

Ion Ratio Lower Upper

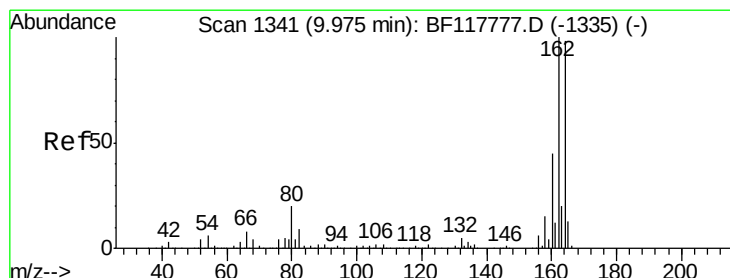
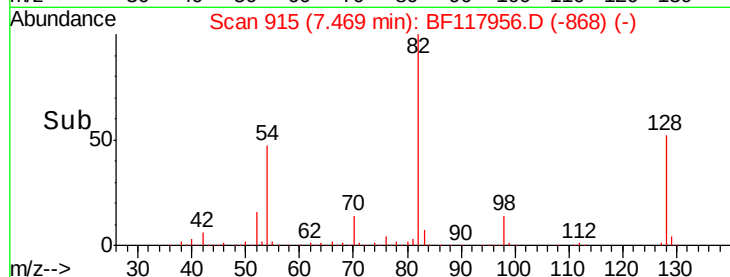
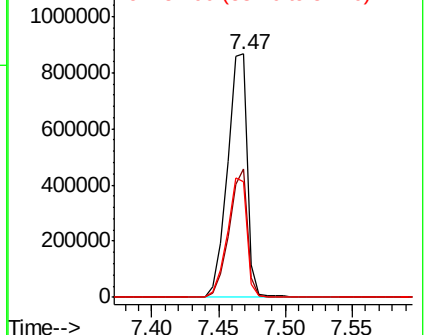
82 100

128 52.5 38.9 58.3

54 47.4 39.8 59.6



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: 9.95 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

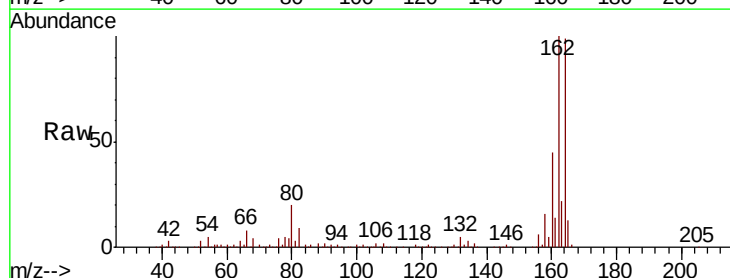
Tgt Ion:164 Resp: 307404

Ion Ratio Lower Upper

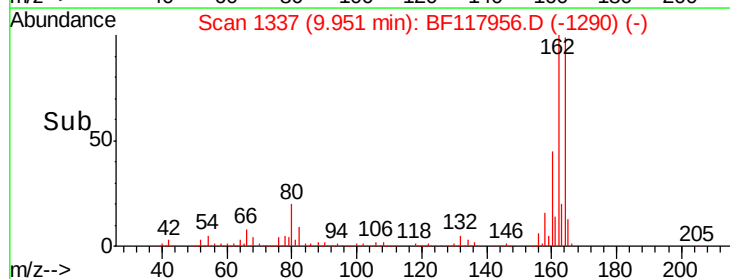
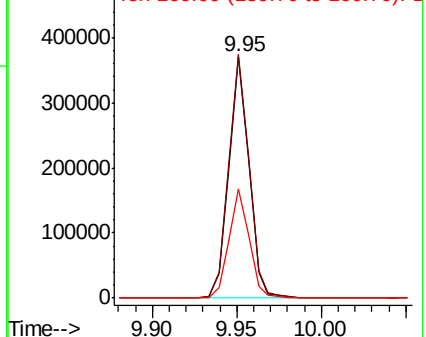
164 100

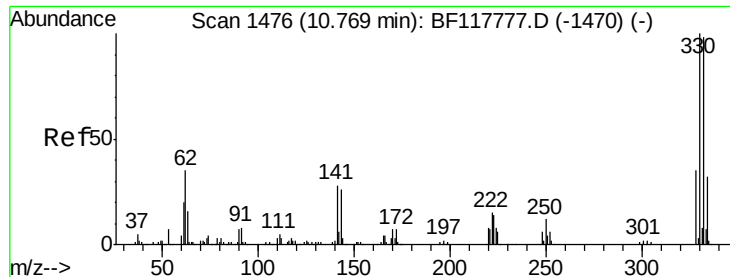
162 100.9 81.3 121.9

160 45.1 36.6 55.0



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: 156.141 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB125043TB

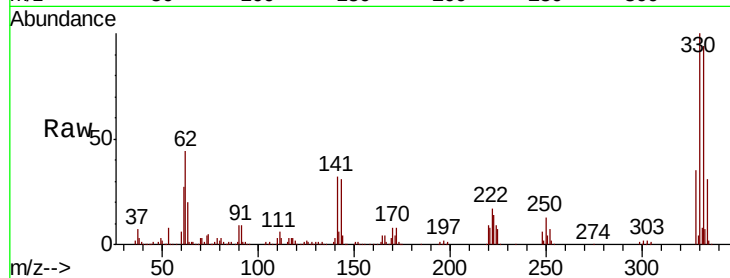
Tot Ion:330 Resp: 508152

Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

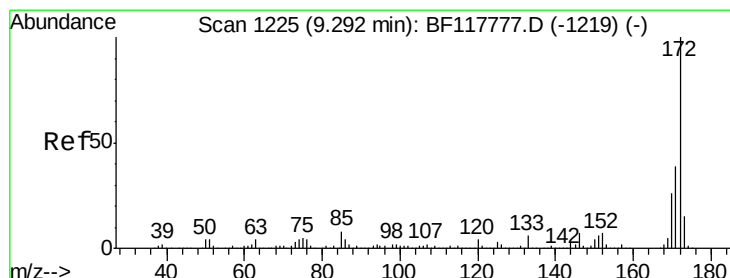
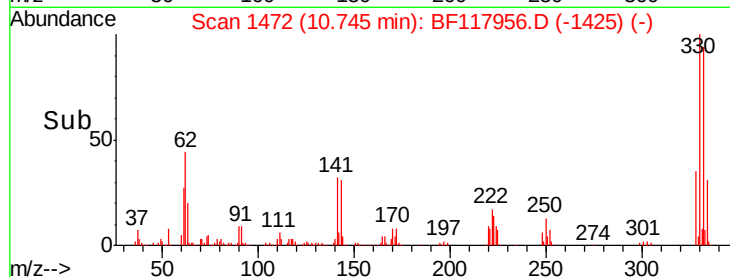
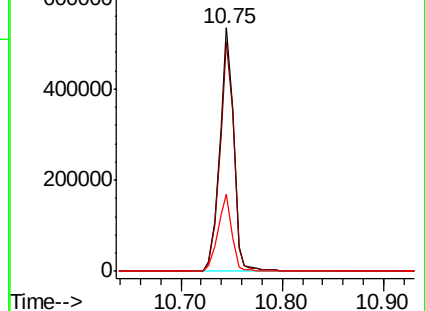
141 31.7 27.7 41.5



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: 100.143 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

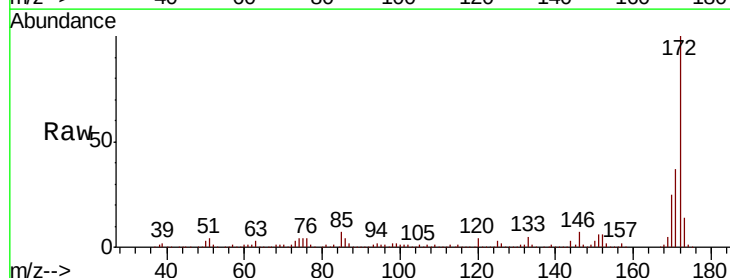
Tgt Ion:172 Resp: 1715931

Ion Ratio Lower Upper

172 100

171 37.2 30.9 46.3

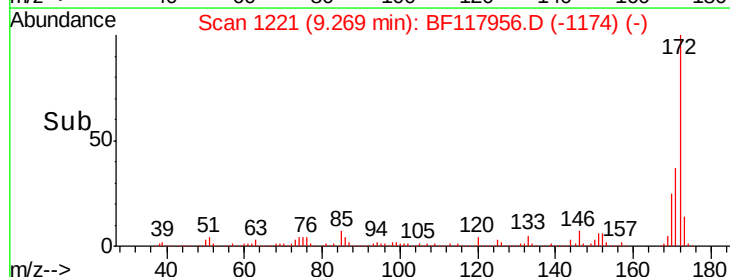
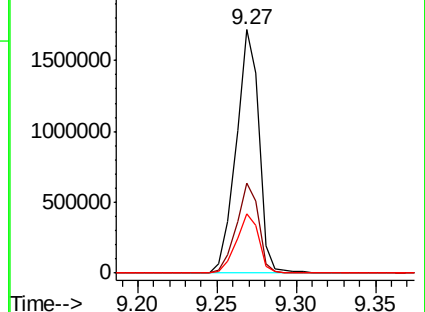
170 24.6 21.0 31.4

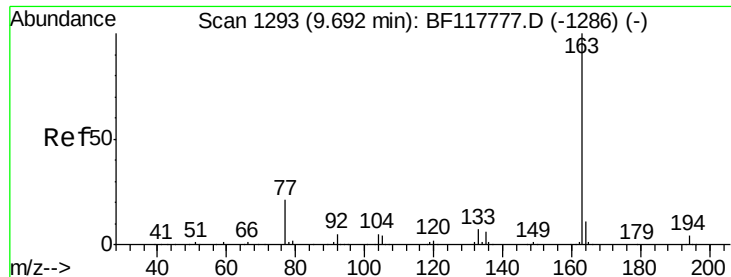


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.830 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Instrument :

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PB125043TB

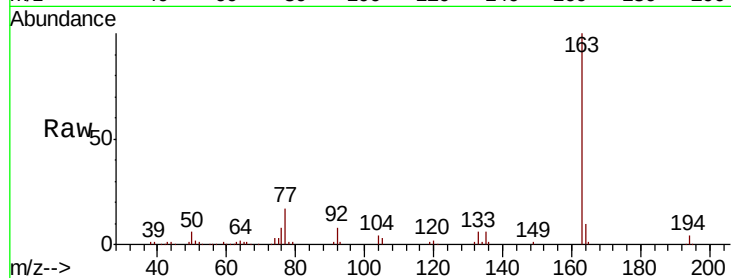
Tot Ion:163 Resp: 125667

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

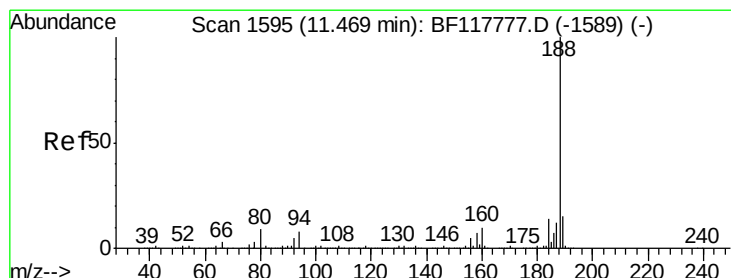
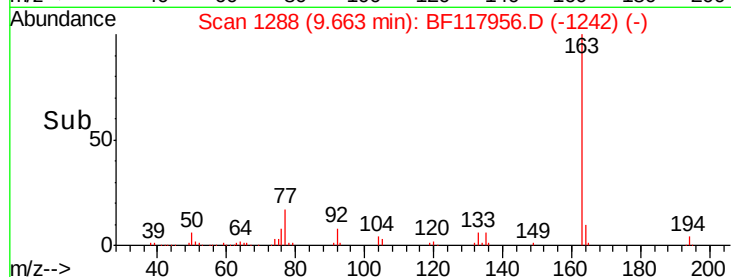
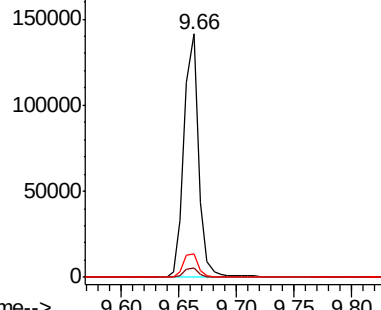
164 9.6 8.7 13.1



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: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

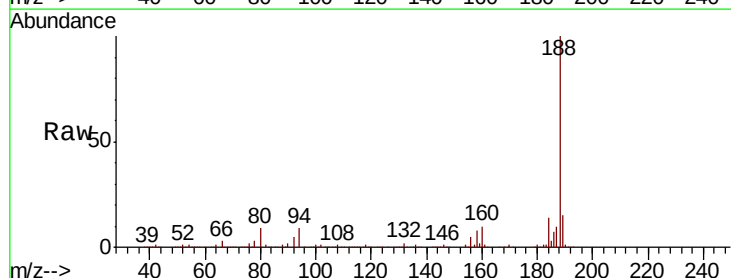
Tgt Ion:188 Resp: 609104

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

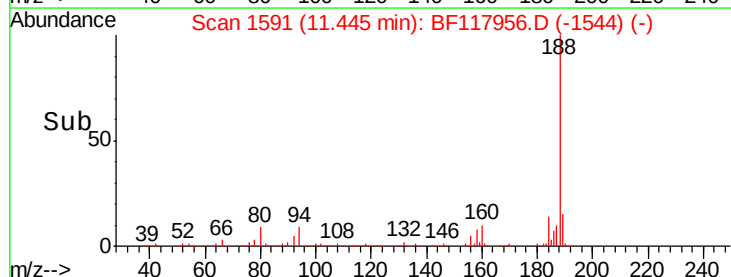
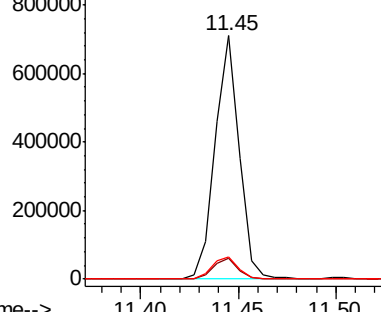
80 9.3 7.2 10.8

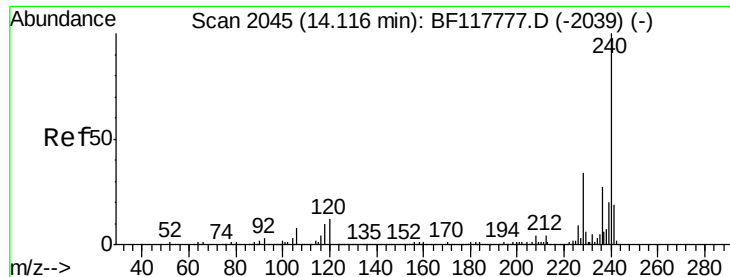


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

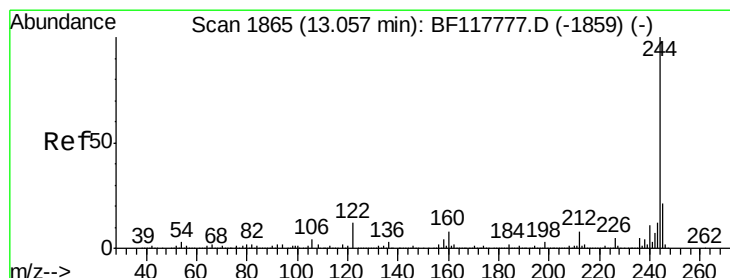
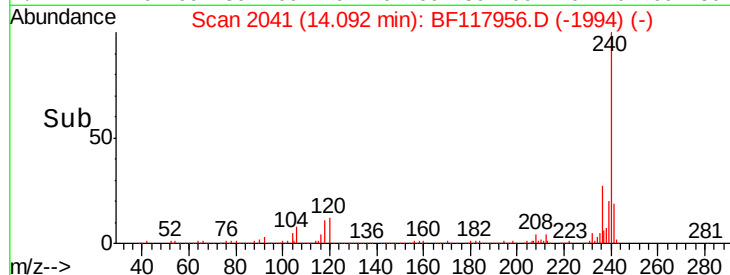
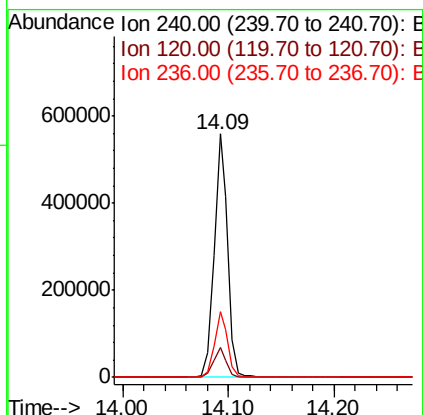
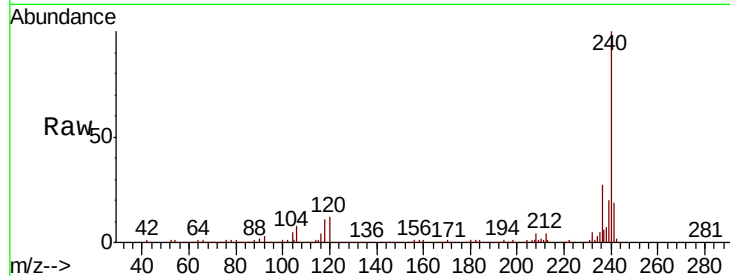




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

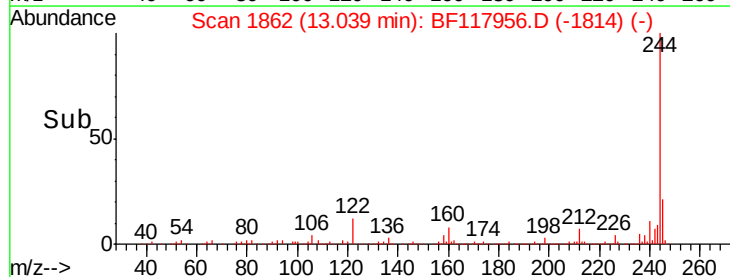
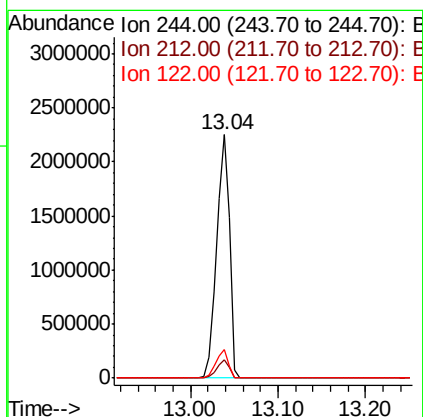
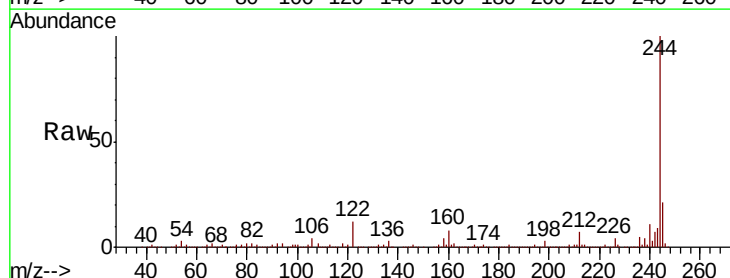
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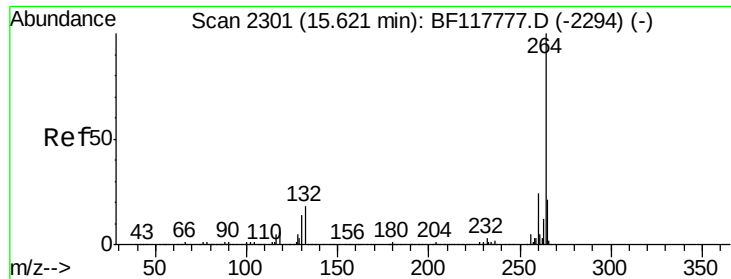
Tot Ion:240 Resp: 502881
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 26.7 21.3 31.9



#79
 Terphenyl-d14
 Concen: 83.635 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

Tgt Ion:244 Resp: 2301285
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 11.6 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117956.D
Acq: 23 Nov 2019 15:07

Instrument :
BNA_F
ClientSampleId :
PB125043TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.4	29.0
265	20.9	17.1	25.7

