

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117804.D
 Acq On : 15 Nov 2019 15:50
 Operator : JU
 Sample : PB124835BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124835BL

Quant Time: Nov 18 02:35:26 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	6.92	152	287071	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1115221	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	580617	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1114258	20.00	ng	0.00
76) Chrysene-d12	14.11	240	845177	20.00	ng	0.00
87) Perylene-d12	15.62	264	774136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1693559	104.43	ng	0.01
7) Phenol-d6	6.54	99	2128331	108.80	ng	0.00
23) Nitrobenzene-d5	7.48	82	1318250	70.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	641595	104.38	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2490965	76.97	ng	0.00
79) Terphenyl-d14	13.06	244	2899671	62.70	ng	0.00

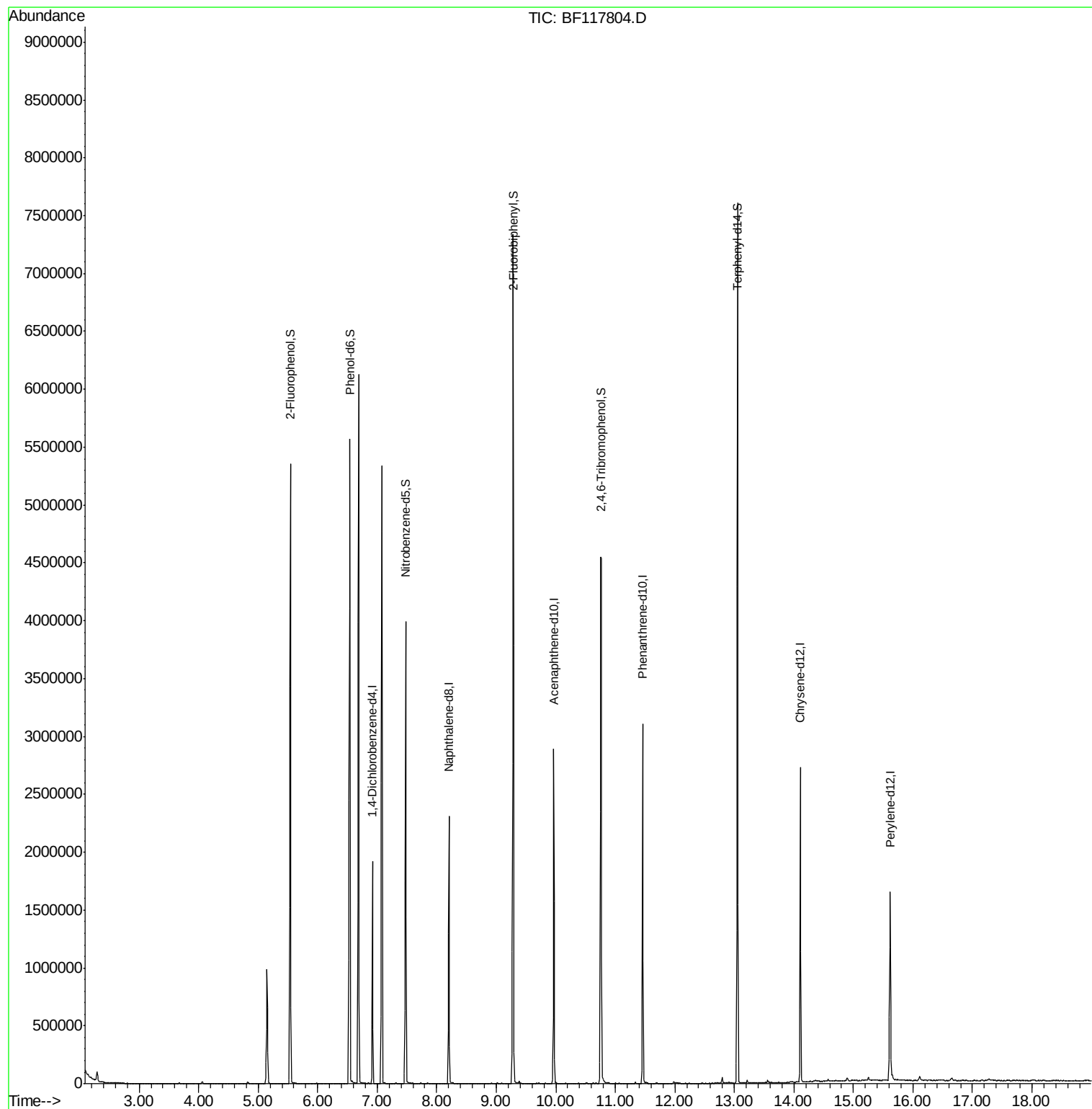
Target Compounds Qvalue

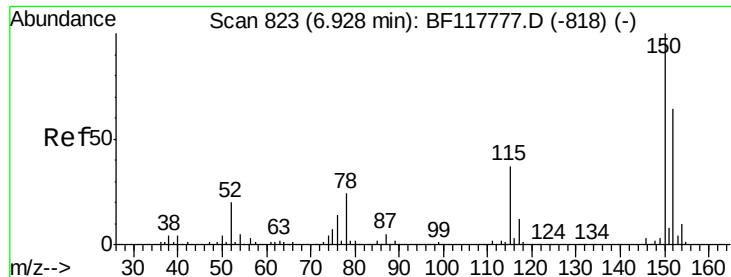
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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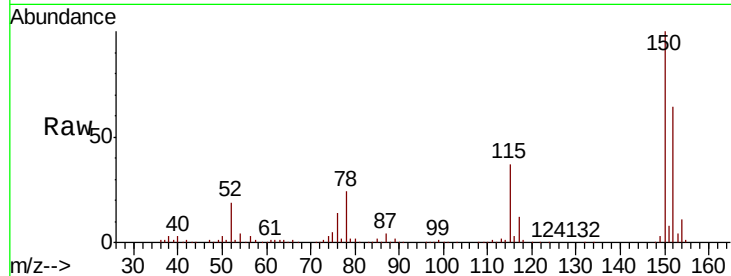


#1

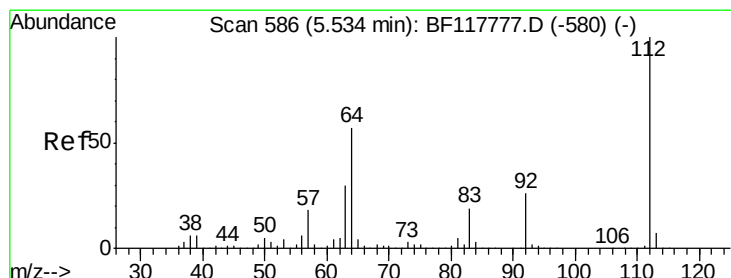
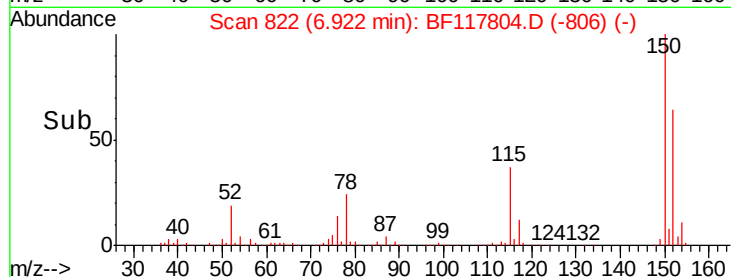
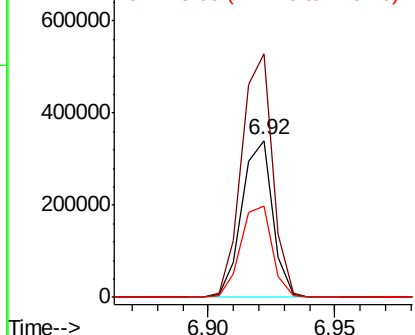
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF117804.D
 Acq: 15 Nov 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB124835BL

Tot Ion:152 Resp: 287071
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.3 187.9
 115 58.2 47.0 70.4



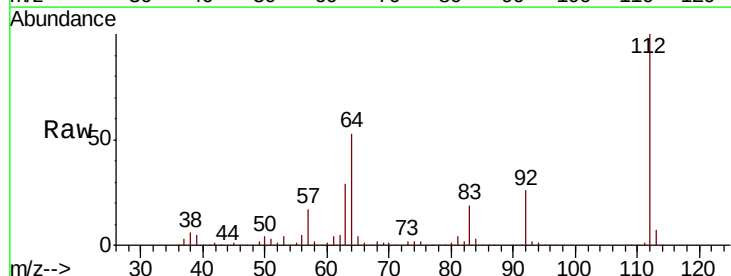
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



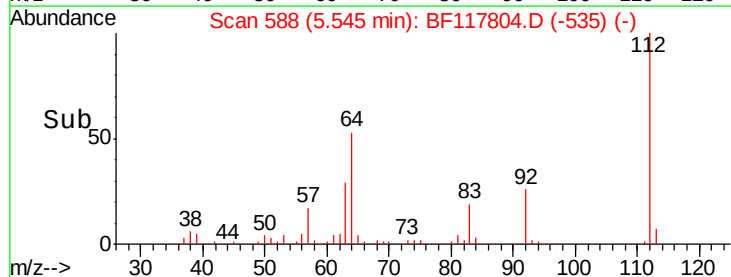
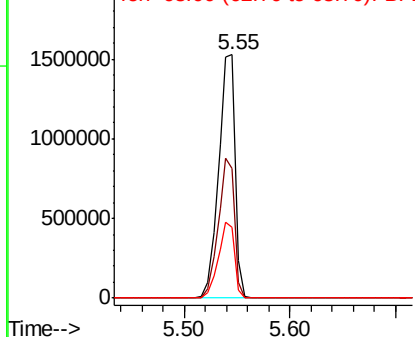
#5

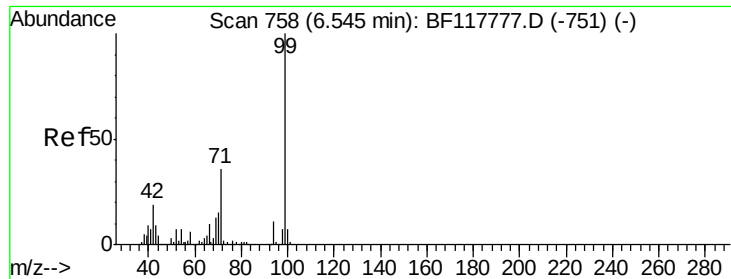
2-Fluorophenol
 Concen: 104.426 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF117804.D
 Acq: 15 Nov 2019 15:50

Tgt Ion:112 Resp: 1693559
 Ion Ratio Lower Upper
 112 100
 64 53.1 45.6 68.4
 63 29.0 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: 108.804 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Instrument :

BNA_F

ClientSampleId :

PB124835BL

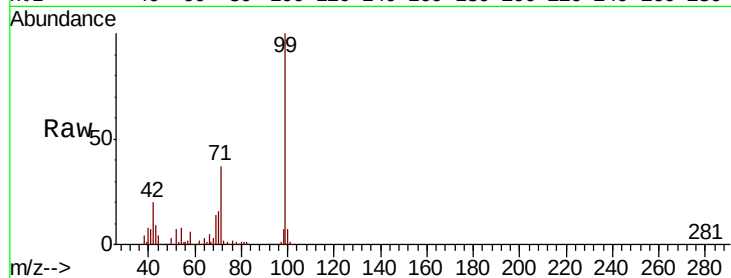
Tot Ion: 99 Resp: 2128331

Ion Ratio Lower Upper

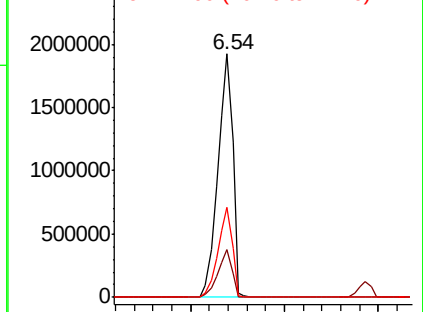
99 100

42 19.6 14.9 22.3

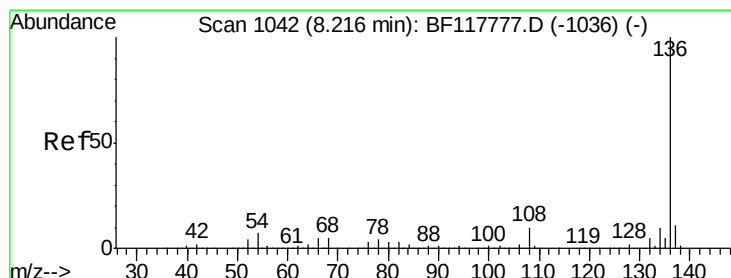
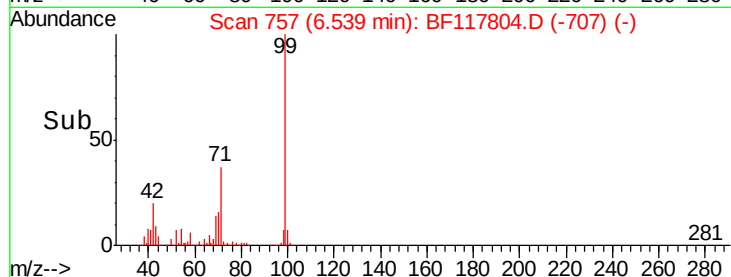
71 37.2 28.6 43.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Tgt Ion: 136 Resp: 1115221

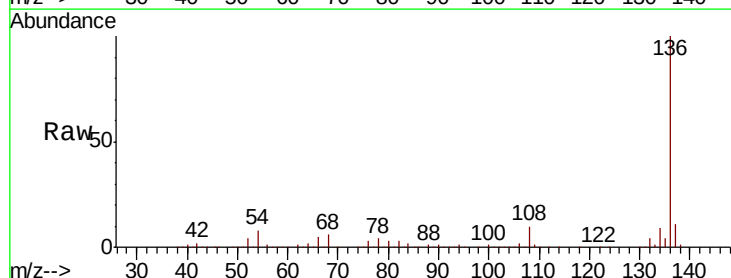
Ion Ratio Lower Upper

136 100

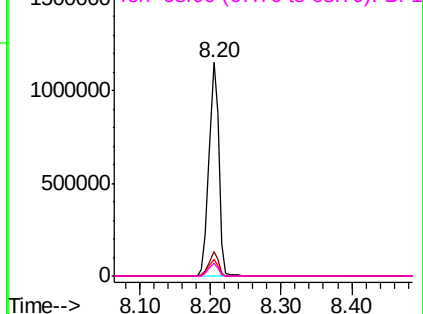
137 11.2 9.0 13.4

54 7.7 5.4 8.2

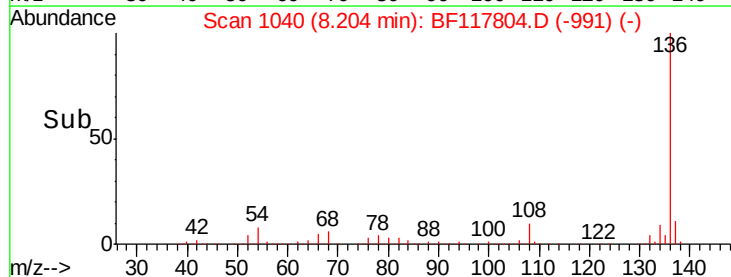
68 5.9 4.3 6.5

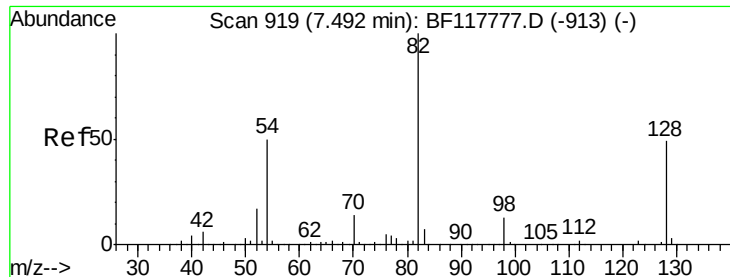


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 70.268 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Instrument :

BNA_F

ClientSampleId :

PB124835BL

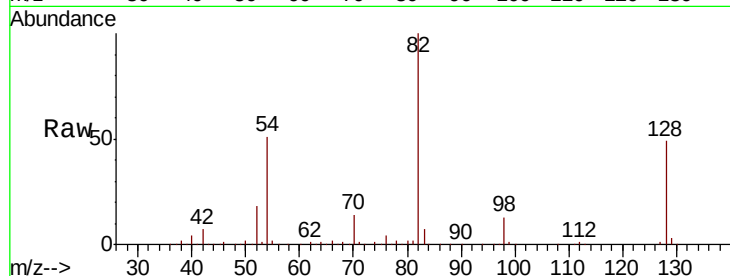
Tot Ion: 82 Resp: 1318250

Ion Ratio Lower Upper

82 100

128 48.7 38.9 58.3

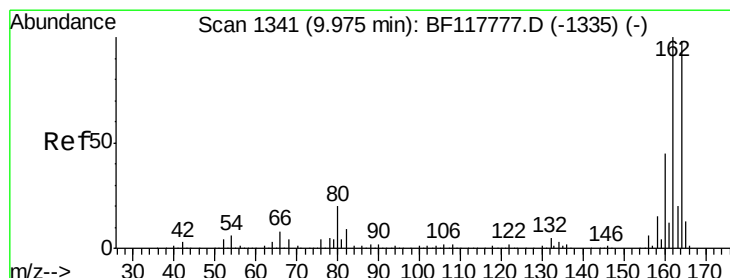
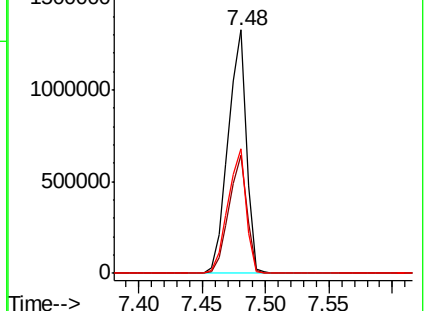
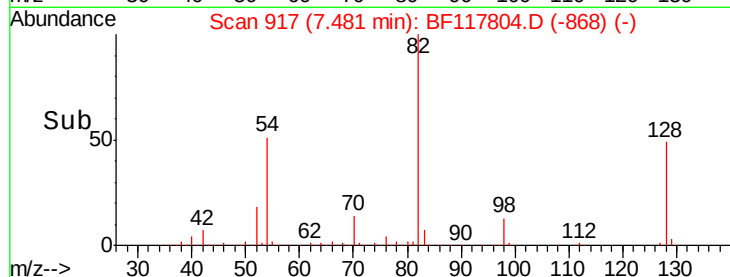
54 51.1 39.8 59.6



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: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

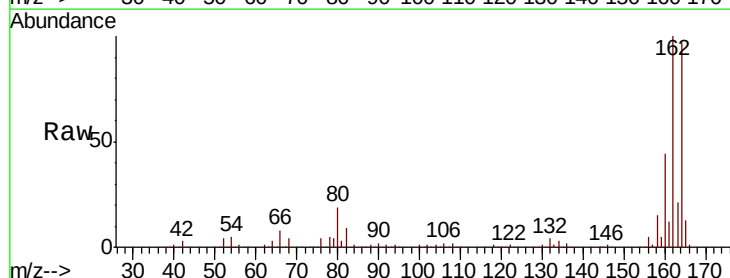
Tgt Ion:164 Resp: 580617

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

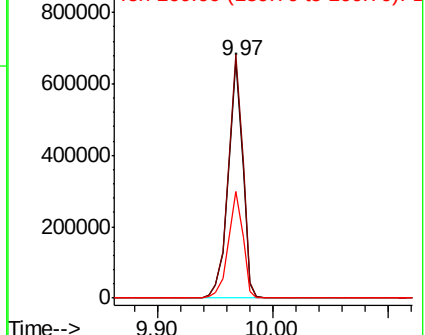
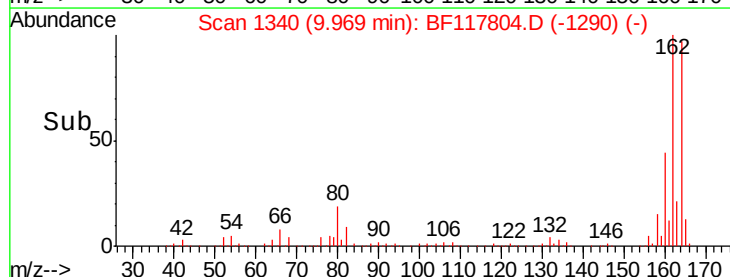
160 44.8 36.6 55.0

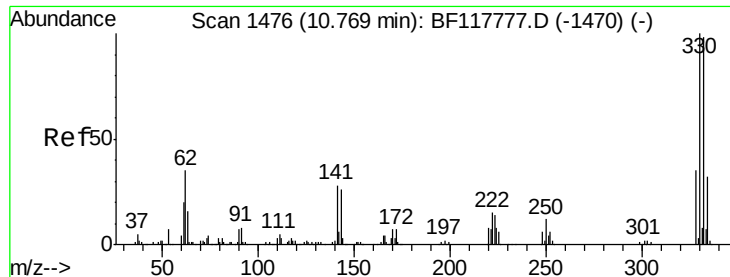


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 104.376 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Instrument :

BNA_F

ClientSampleId :

PB124835BL

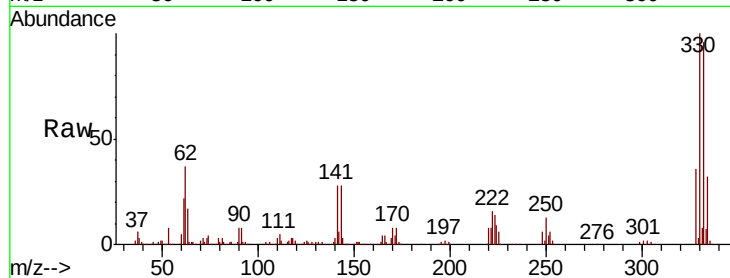
Tot Ion:330 Resp: 641595

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

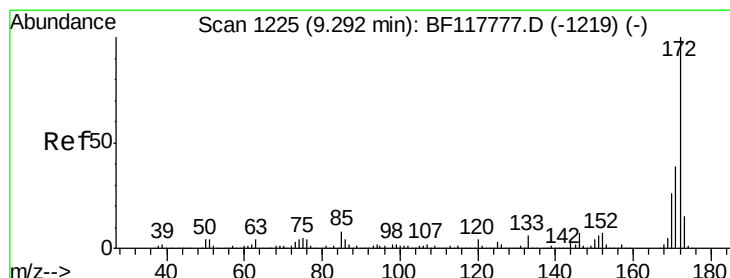
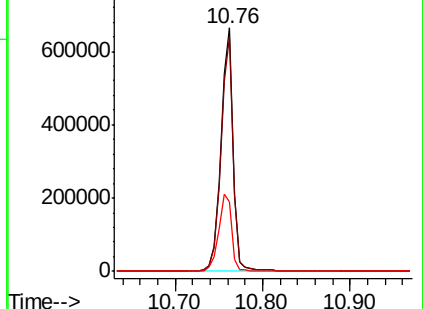
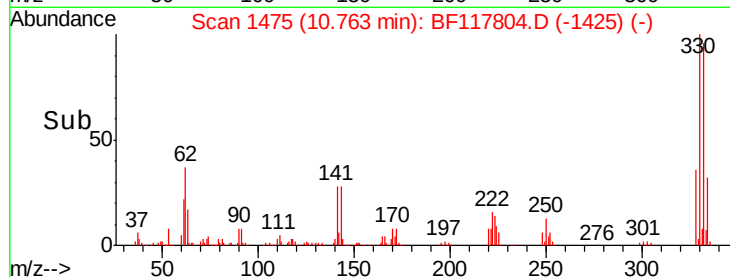
141 34.1 27.7 41.5



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: 76.968 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

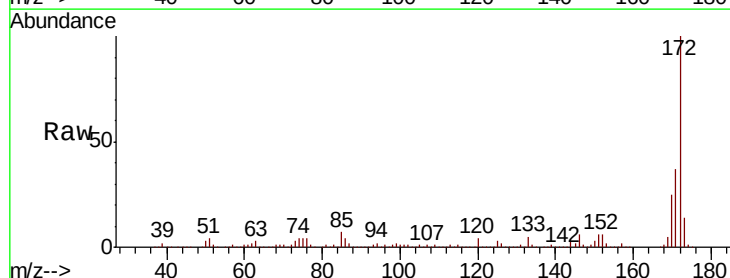
Tgt Ion:172 Resp: 2490965

Ion Ratio Lower Upper

172 100

171 37.5 30.9 46.3

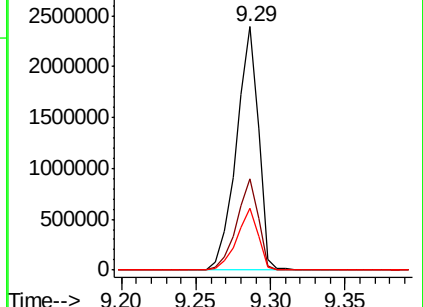
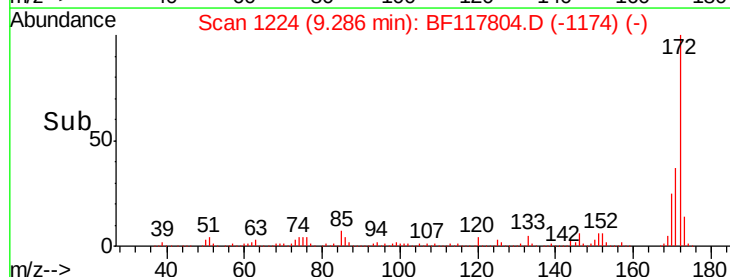
170 25.3 21.0 31.4

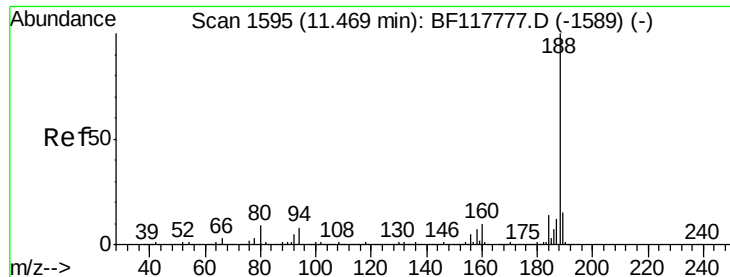


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

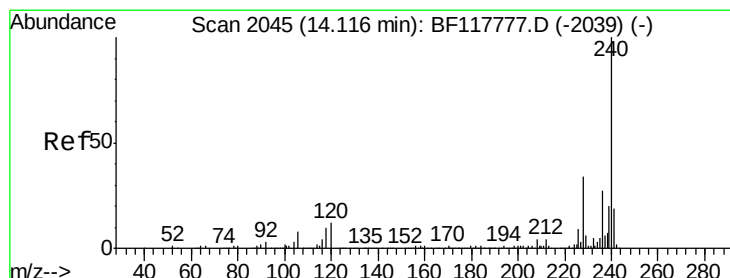
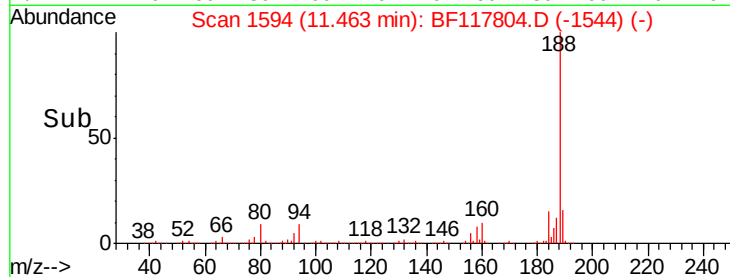
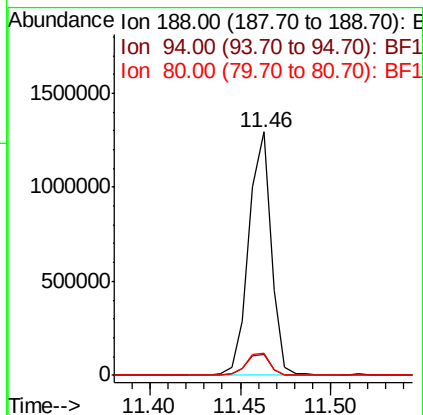
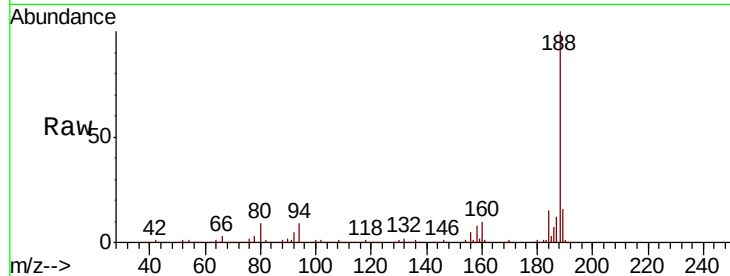




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

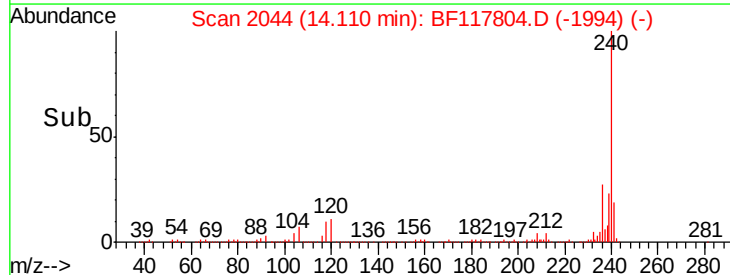
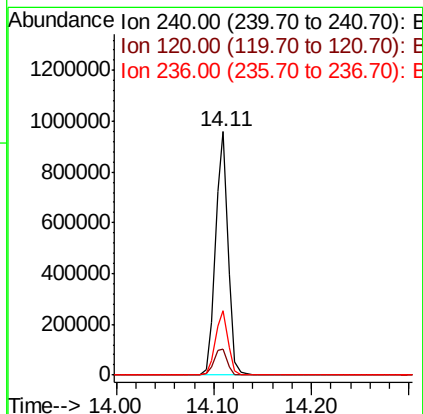
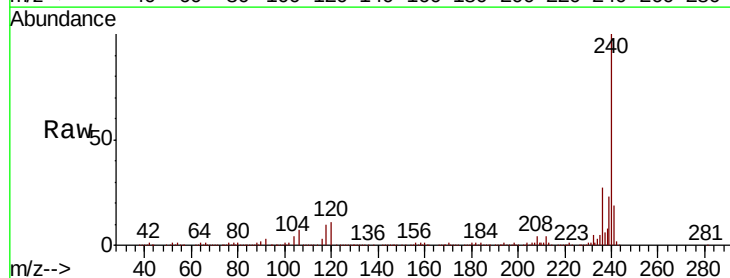
Instrument :
BNA_F
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PB124835BL

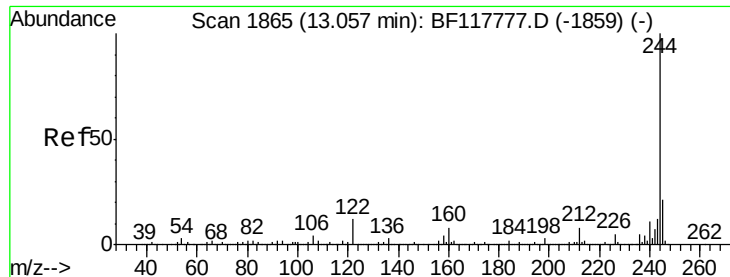
Tot Ion:188 Resp: 1114258
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

Tgt Ion:240 Resp: 845177
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.5 21.3 31.9





#79

Terphenyl-d14

Concen: 62.702 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Instrument :

BNA_F

ClientSampleId :

PB124835BL

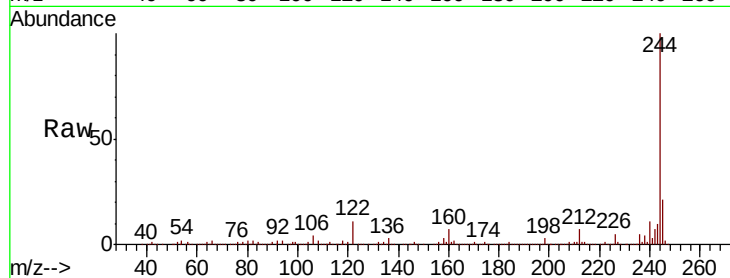
Tot Ion:244 Resp: 2899671

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

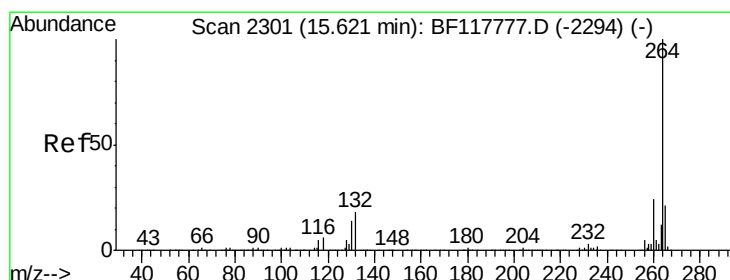
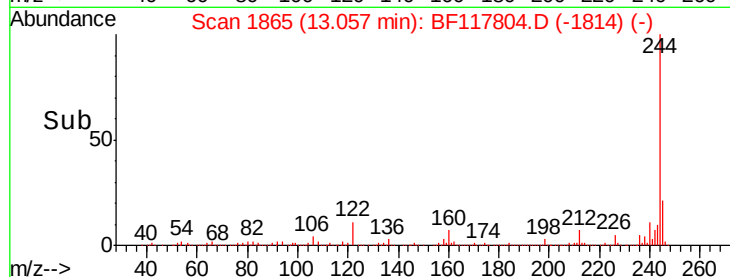
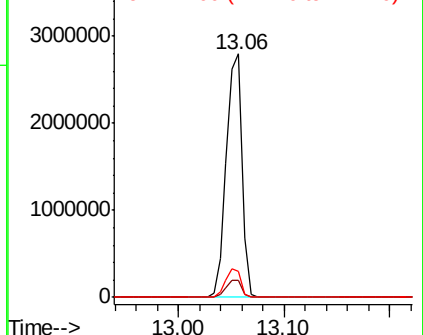
122 10.5 9.4 14.2



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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

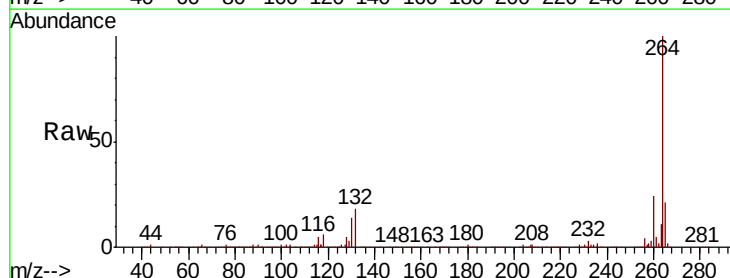
Tgt Ion:264 Resp: 774136

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.4 17.1 25.7



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

