

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118086.D
 Acq On : 4 Dec 2019 15:07
 Operator : JU
 Sample : PB125225BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BL

Quant Time: Dec 05 05:59:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134822	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	511331	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	270079	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	504444	20.00	ng	0.00
76) Chrysene-d12	14.07	240	342276	20.00	ng	0.00
87) Perylene-d12	15.57	264	311887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	922407	121.10	ng	0.01
7) Phenol-d6	6.50	99	577701	62.88	ng	0.00
23) Nitrobenzene-d5	7.45	82	894988	104.05	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	484098	169.31	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1728549	114.82	ng	0.00
79) Terphenyl-d14	13.02	244	2057131	109.84	ng	0.00

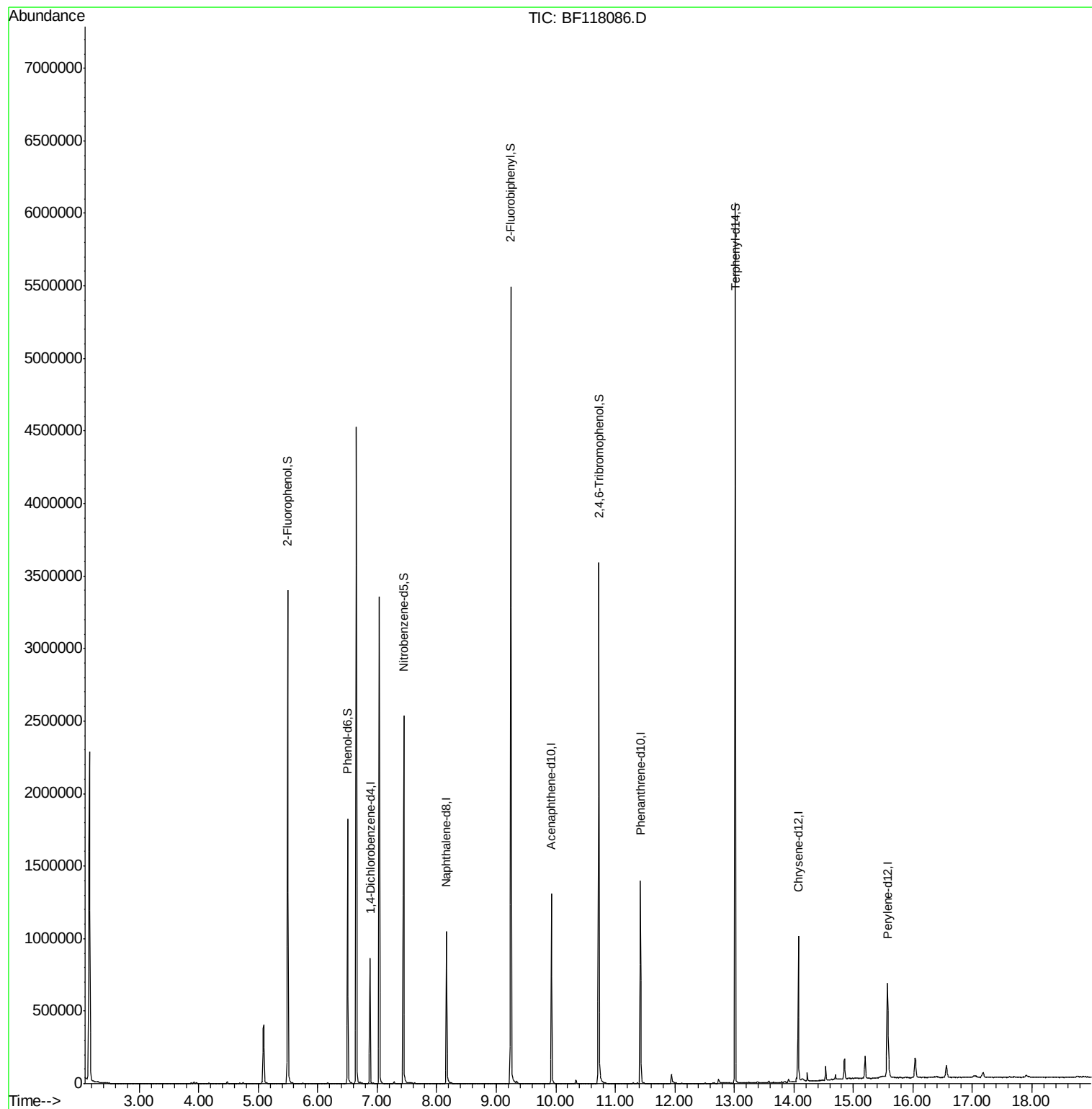
Target Compounds Qvalue

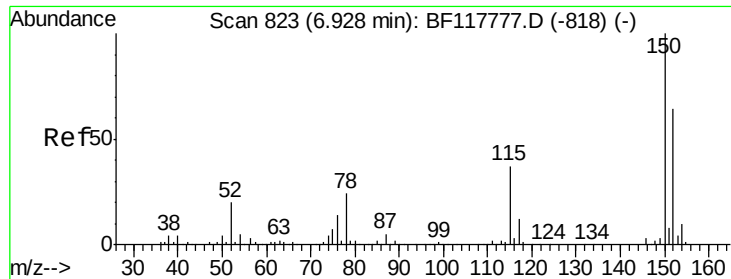
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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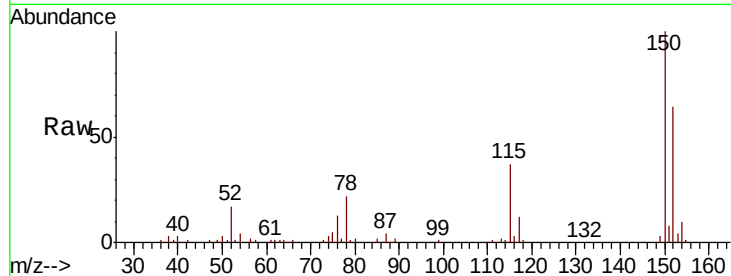


#1

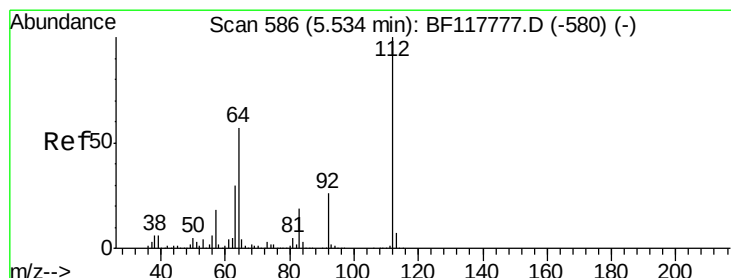
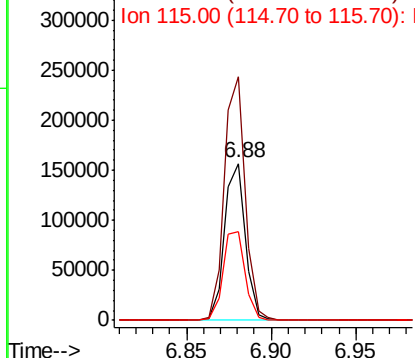
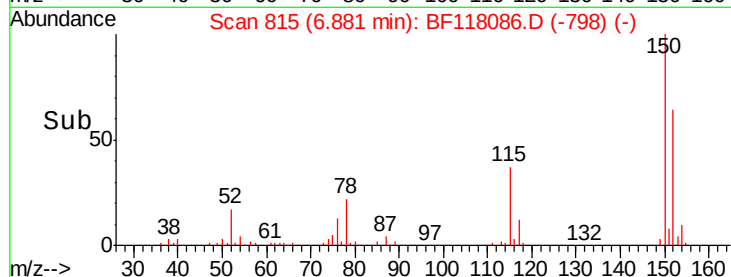
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118086.D
Acq: 4 Dec 2019 15:07

Instrument :
BNA_F
ClientSampleId :
PB125225BL

Tot Ion:152 Resp: 134822
Ion Ratio Lower Upper
152 100
150 155.3 121.4 182.2
115 56.9 48.8 73.2



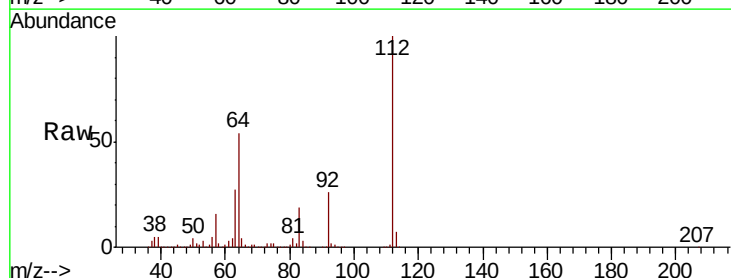
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



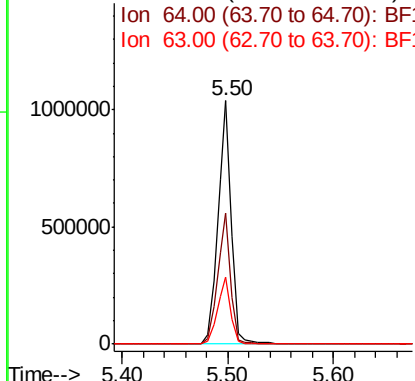
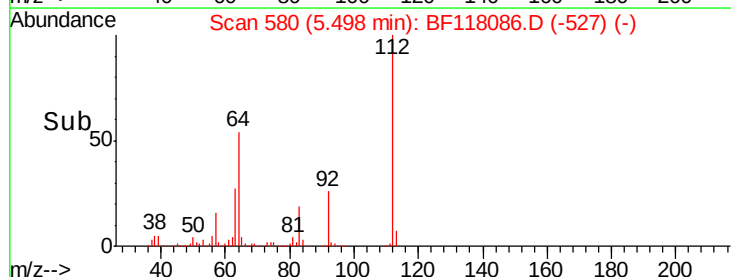
#5

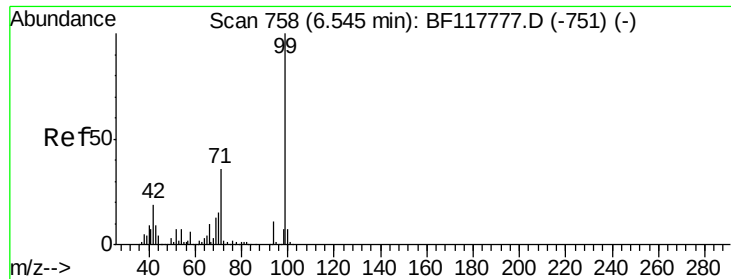
2-Fluorophenol
Concen: 121.105 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118086.D
Acq: 4 Dec 2019 15:07

Tgt Ion:112 Resp: 922407
Ion Ratio Lower Upper
112 100
64 53.6 45.1 67.7
63 27.4 24.6 37.0



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: 62.883 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118086.D

Acq: 4 Dec 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB125225BL

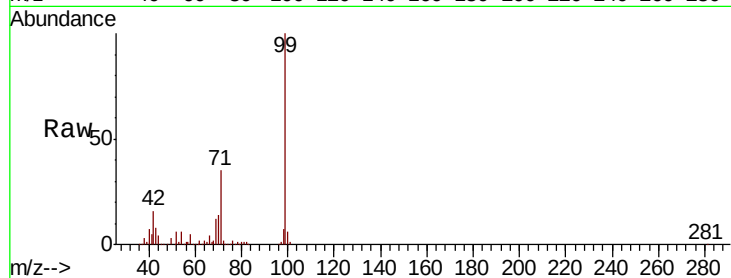
Tot Ion: 99 Resp: 577701

Ion Ratio Lower Upper

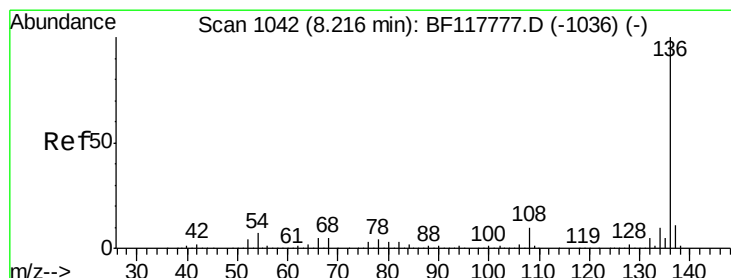
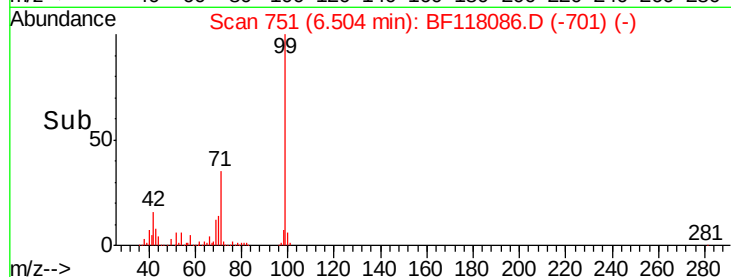
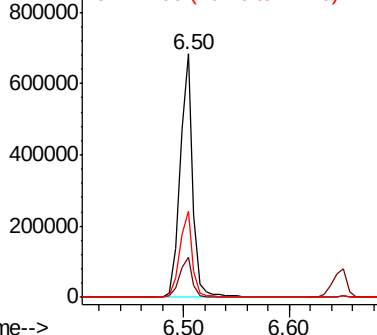
99 100

42 16.2 14.0 21.0

71 35.5 29.2 43.8



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118086.D

Acq: 4 Dec 2019 15:07

Tgt Ion: 136 Resp: 511331

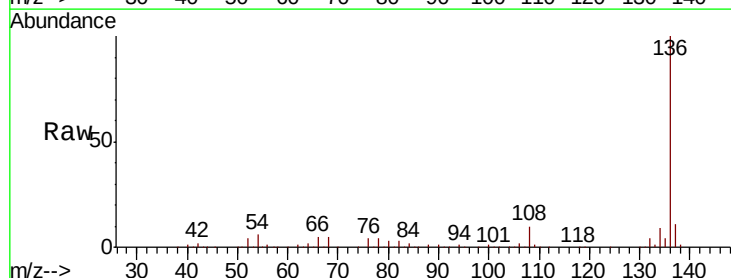
Ion Ratio Lower Upper

136 100

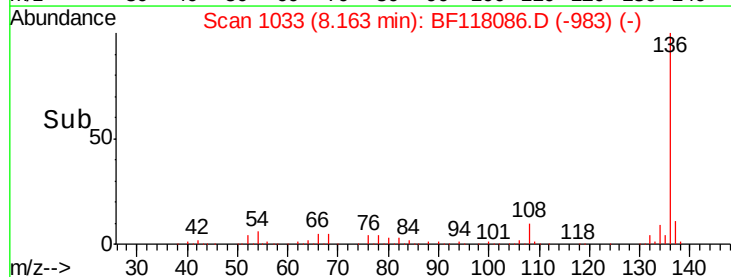
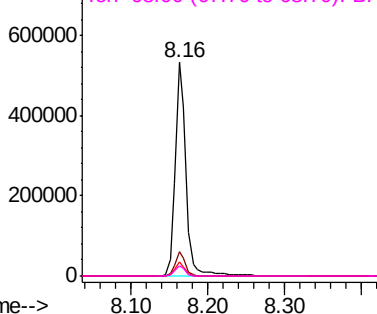
137 11.1 9.1 13.7

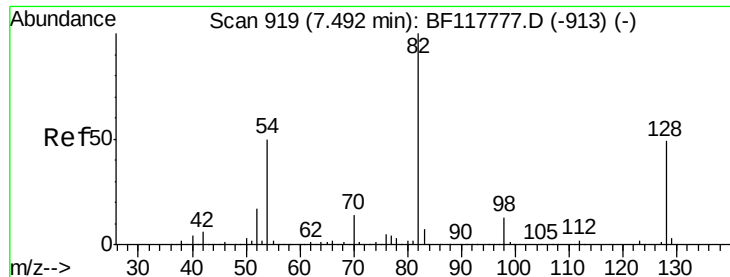
54 6.5 4.9 7.3

68 5.0 3.6 5.4



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

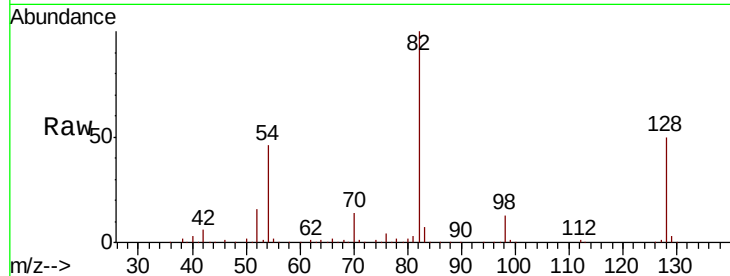




#23
 Nitrobenzene-d5
 Concen: 104.049 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF118086.D
 Acq: 4 Dec 2019 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BL

Tot Ion	82	Resp	894988
Ion Ratio	100	Lower	Upper
128	50.2	38.2	57.4
54	46.1	39.0	58.4

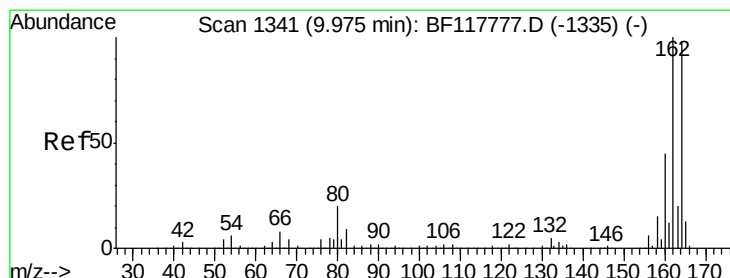
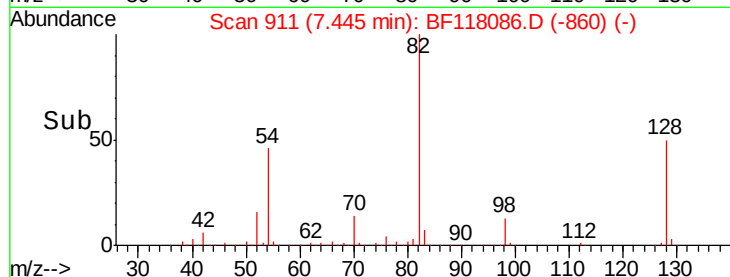
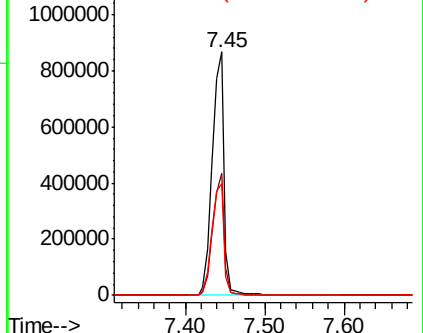


Abundance

Ion 82.00 (81.70 to 82.70): BF1

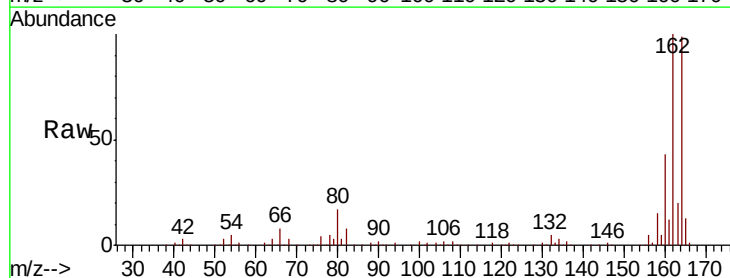
Ion 128.00 (127.70 to 128.70): E

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: BF118086.D
 Acq: 4 Dec 2019 15:07

Tgt Ion	164	Resp	270079
Ion Ratio	100	Lower	Upper
162	100.9	81.8	122.8
160	43.6	35.9	53.9

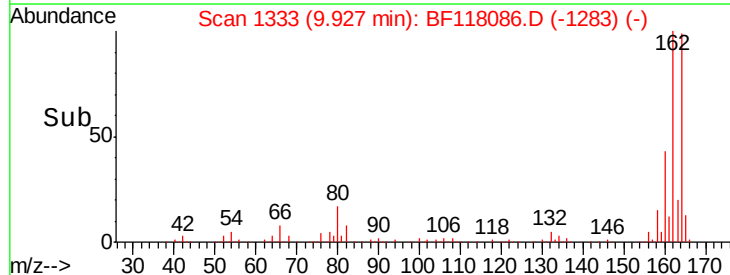
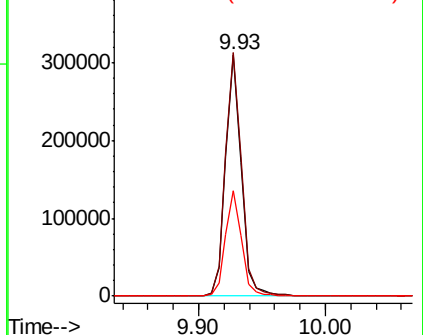


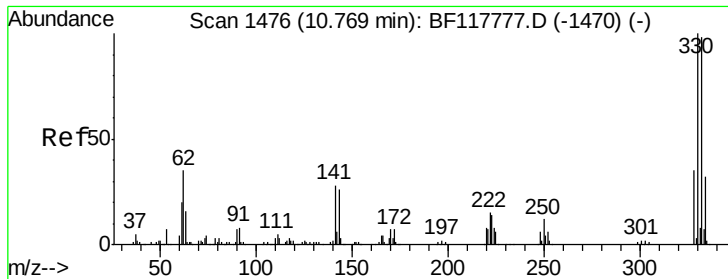
Abundance

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: 169.307 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF118086.D

Acq: 4 Dec 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB125225BL

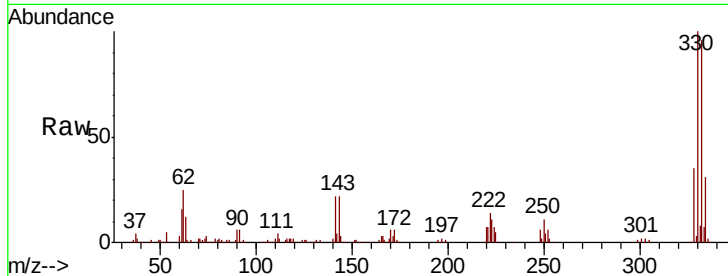
Tot Ion:330 Resp: 484098

Ion Ratio Lower Upper

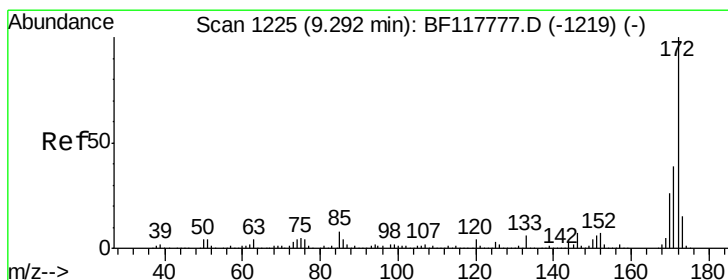
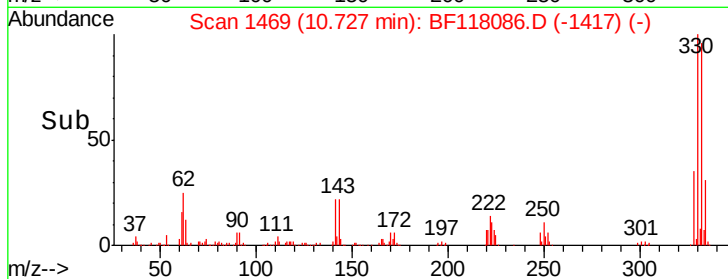
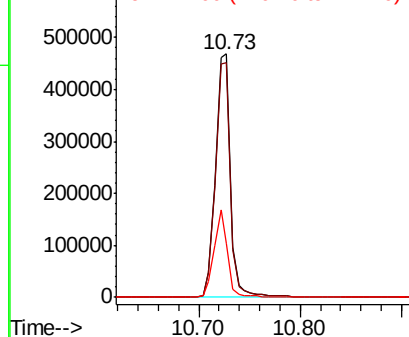
330 100

332 97.4 78.3 117.5

141 31.8 26.4 39.6



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: 114.821 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF118086.D

Acq: 4 Dec 2019 15:07

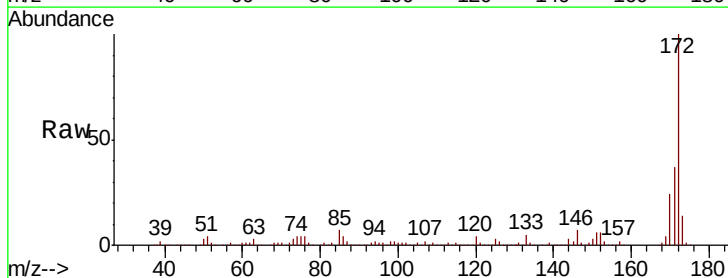
Tgt Ion:172 Resp: 1728549

Ion Ratio Lower Upper

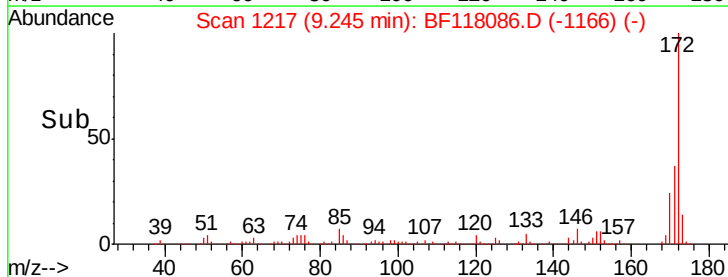
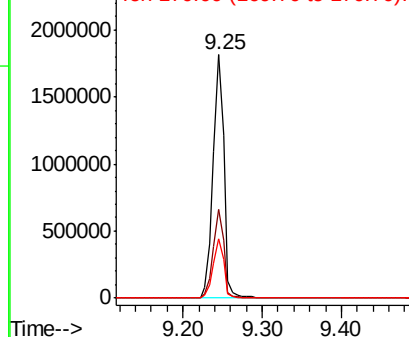
172 100

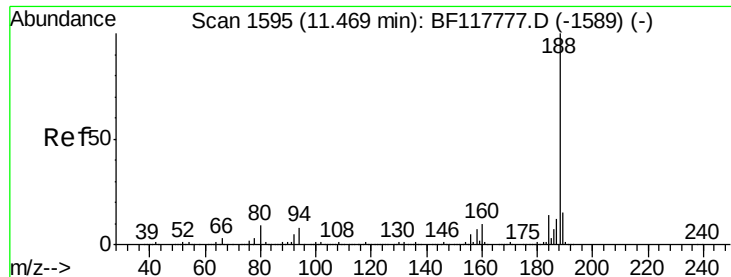
171 36.7 29.2 43.8

170 24.2 19.3 28.9



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# 1587

Delta R.T. -0.00 min

Lab File: BF118086.D

Acq: 4 Dec 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB125225BL

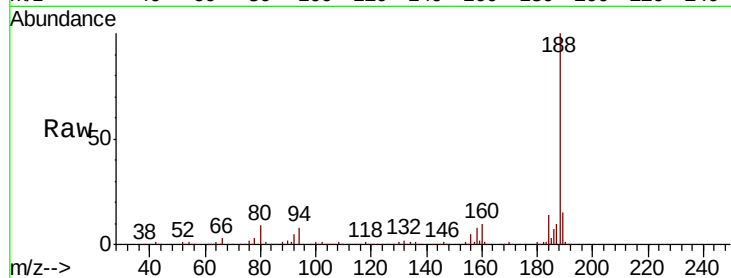
Tot Ion:188 Resp: 504444

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

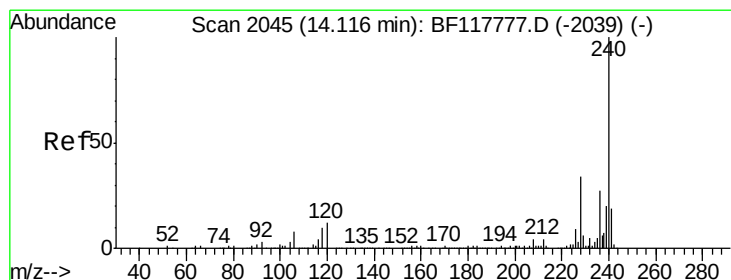
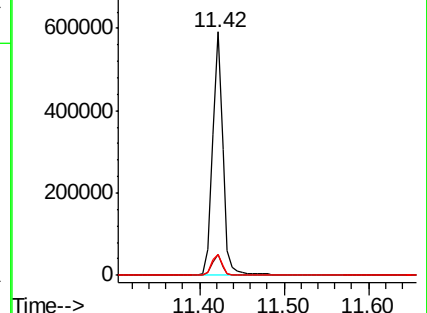
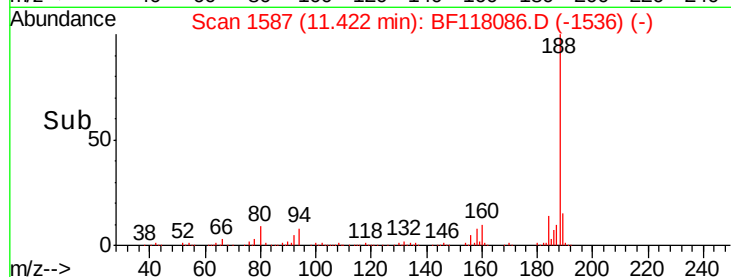
80 8.7 7.2 10.8



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: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118086.D

Acq: 4 Dec 2019 15:07

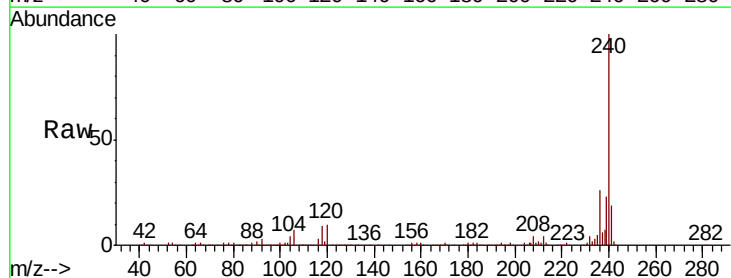
Tgt Ion:240 Resp: 342276

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

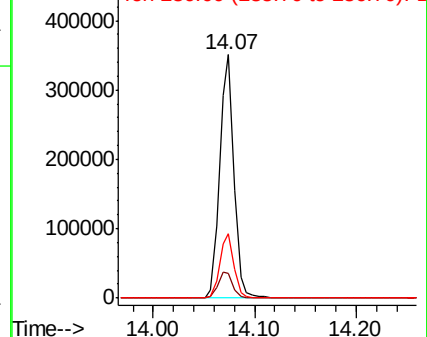
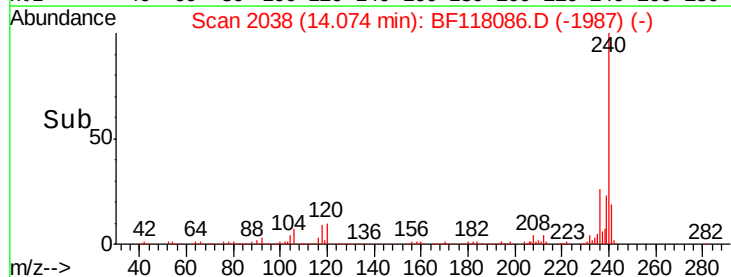
236 26.4 20.6 31.0

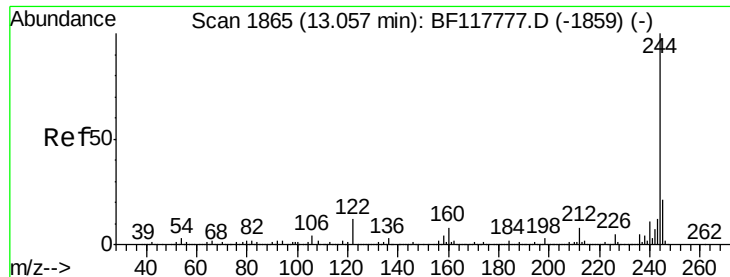


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.842 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BF118086.D

Acq: 4 Dec 2019 15:07

Instrument :

BNA_F

ClientSampleId :

PB125225BL

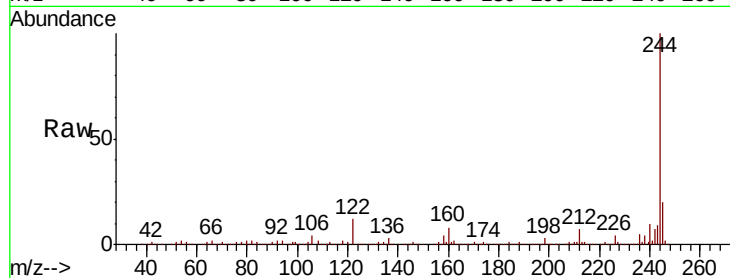
Tot Ion:244 Resp: 2057131

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

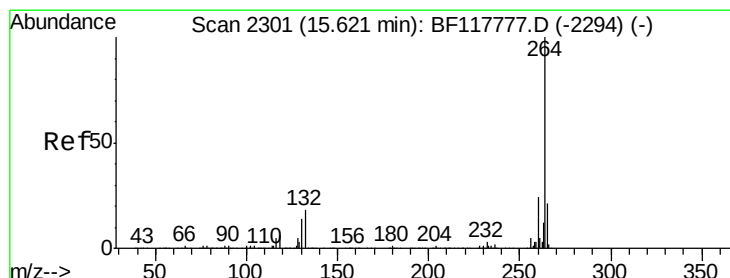
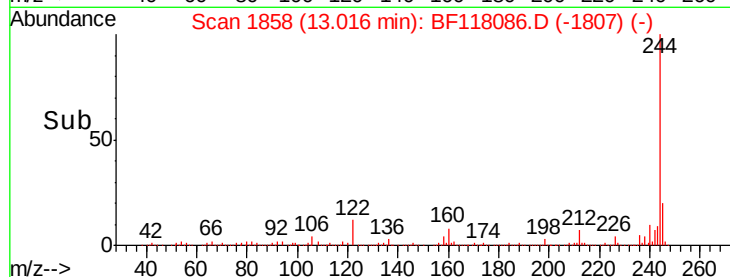
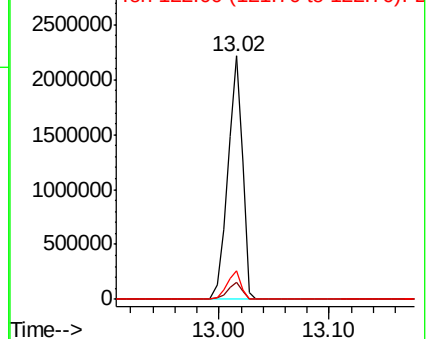
122 11.6 7.2 10.8#



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: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF118086.D

Acq: 4 Dec 2019 15:07

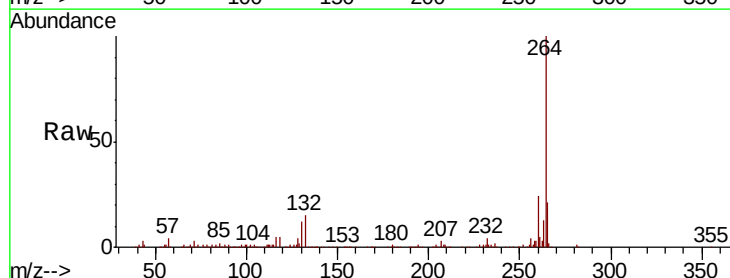
Tgt Ion:264 Resp: 311887

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.9 16.4 24.6



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

