

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115414.D
 Acq On : 8 Jul 2019 19:27
 Operator : HP/JU
 Sample : PB121186TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121186TB

Quant Time: Jul 09 02:17:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	180700	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	717017	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	372972	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	777290	20.00	ng	0.00
76) Chrysene-d12	14.05	240	704594	20.00	ng	-0.02
87) Perylene-d12	15.54	264	765936	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1254092	107.23	ng	0.00
7) Phenol-d6	6.52	99	1617003	108.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	1013834	83.54	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	499500	121.13	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1842850	86.70	ng	0.00
79) Terphenyl-d14	13.00	244	2409965	70.03	ng	0.00

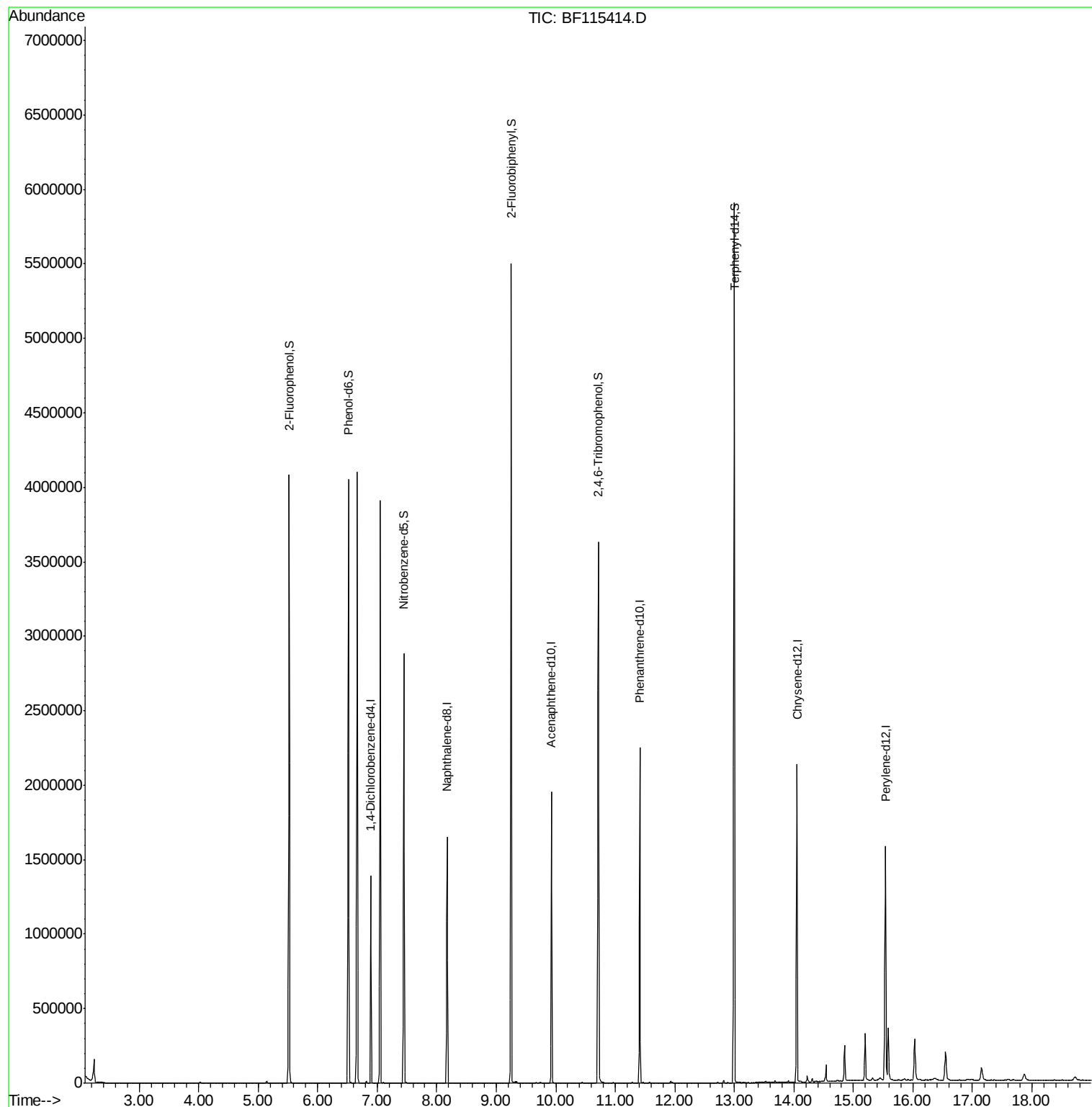
Target Compounds Qvalue

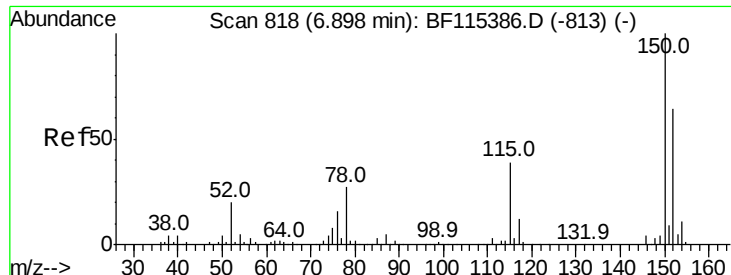
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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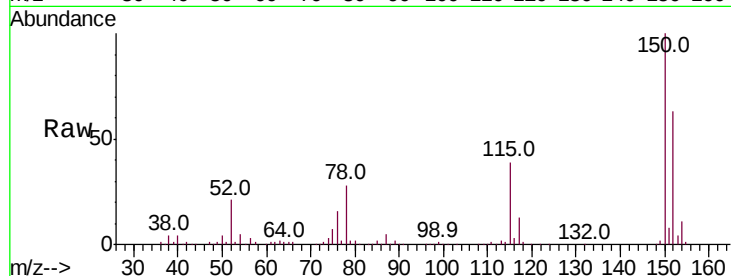


#1

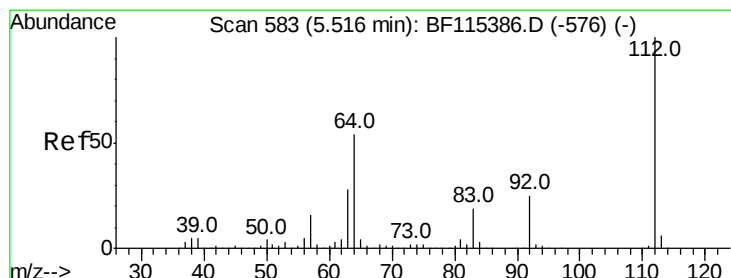
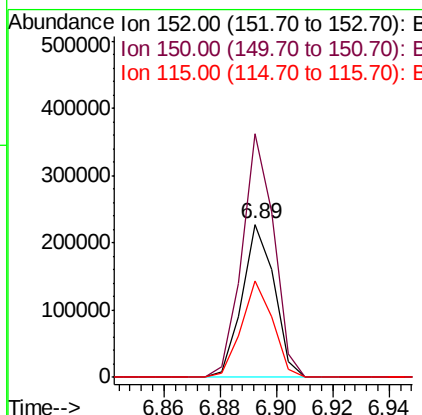
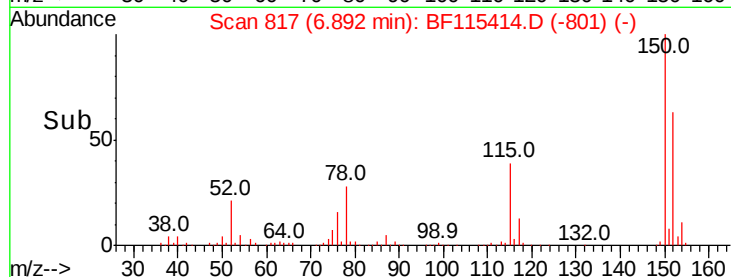
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115414.D
Acq: 8 Jul 2019 19:27

Instrument :
BNA_F
ClientSampleId :
PB121186TB

Tot Ion:152 Resp: 180700
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 62.6 48.1 72.1



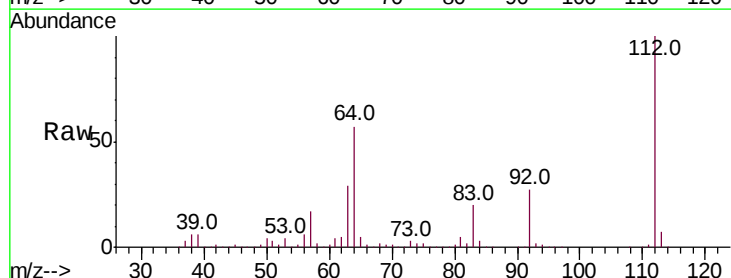
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



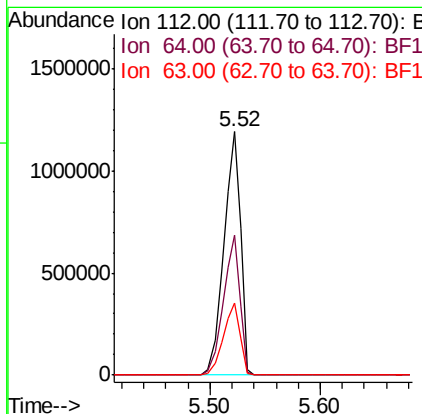
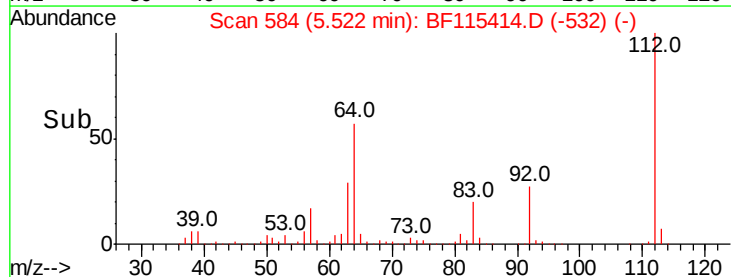
#5

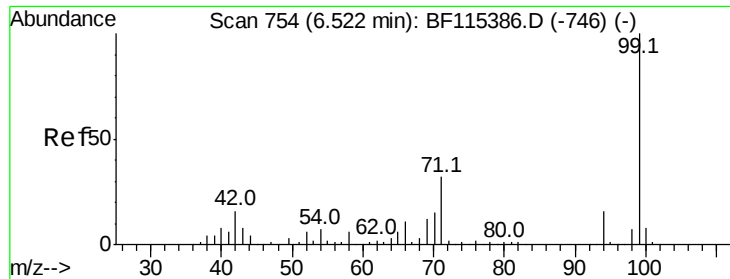
2-Fluorophenol
Concen: 107.228 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF115414.D
Acq: 8 Jul 2019 19:27

Tgt Ion:112 Resp: 1254092
Ion Ratio Lower Upper
112 100
64 57.5 43.0 64.6
63 29.4 22.2 33.2



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: 108.711 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115414.D

Acq: 8 Jul 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PB121186TB

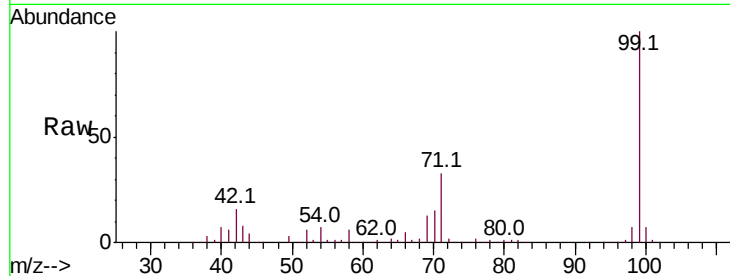
Tot Ion: 99 Resp: 1617003

Ion Ratio Lower Upper

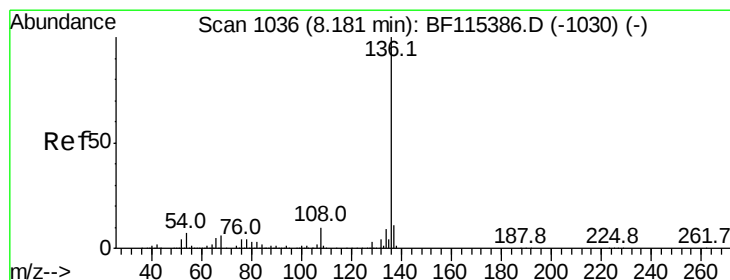
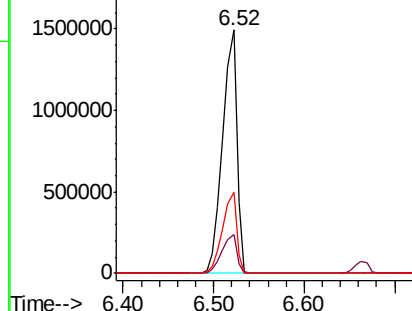
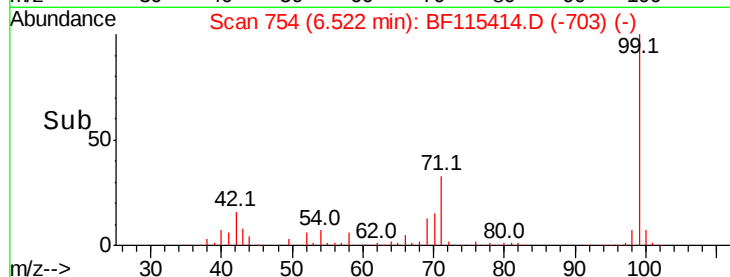
99 100

42 16.1 13.1 19.7

71 33.5 25.9 38.9



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: BF115414.D

Acq: 8 Jul 2019 19:27

Tgt Ion:136 Resp: 717017

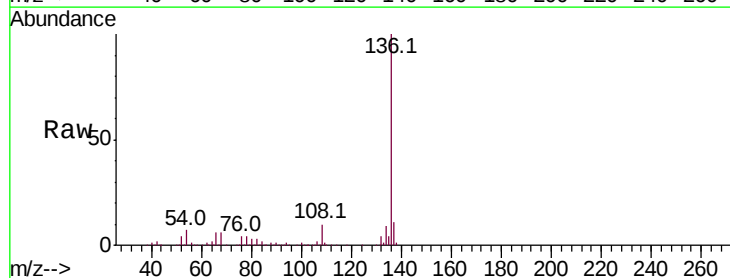
Ion Ratio Lower Upper

136 100

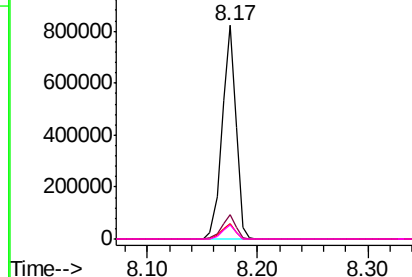
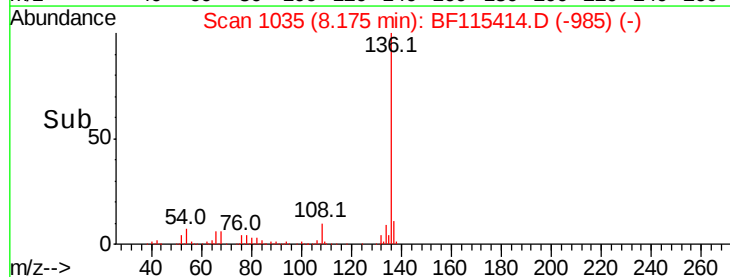
137 11.4 8.9 13.3

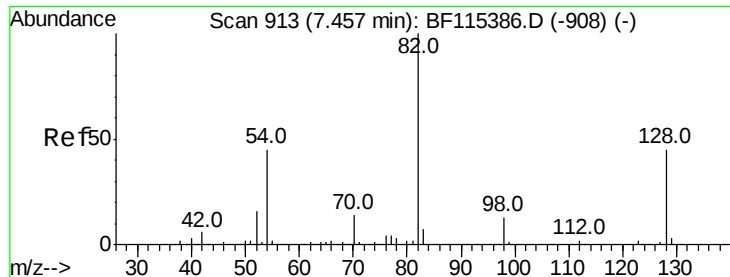
54 7.1 5.6 8.4

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: 83.541 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF115414.D

Acq: 8 Jul 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PB121186TB

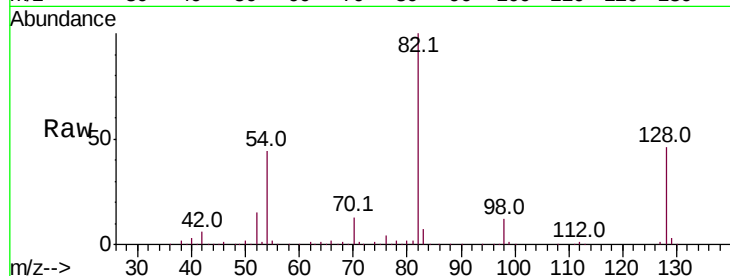
Tot Ion: 82 Resp: 1013834

Ion Ratio Lower Upper

82 100

128 45.5 35.7 53.5

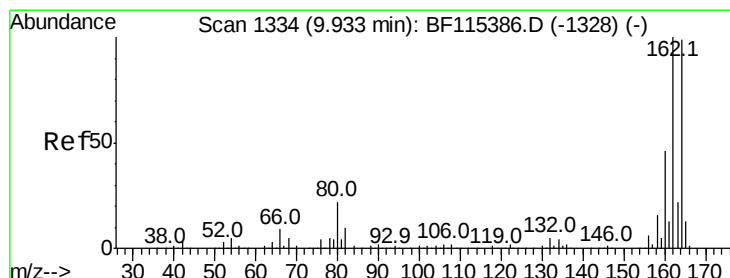
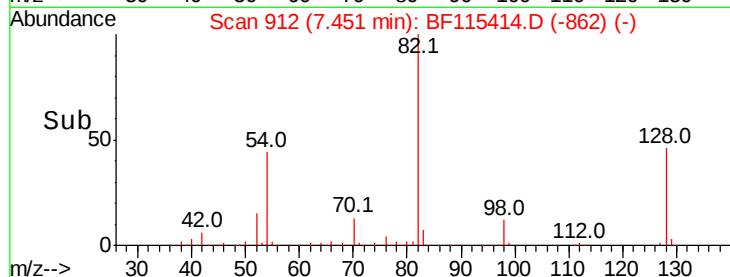
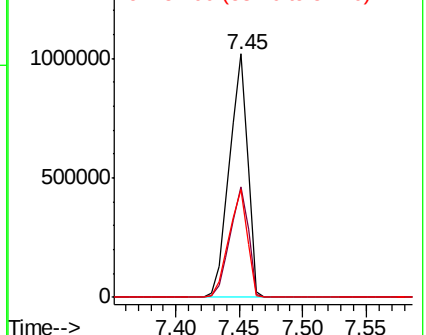
54 44.3 36.3 54.5



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# 1333

Delta R.T. -0.01 min

Lab File: BF115414.D

Acq: 8 Jul 2019 19:27

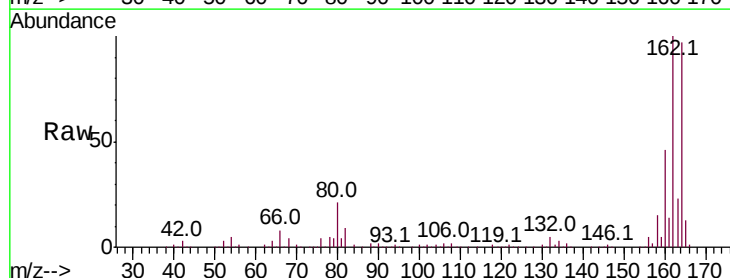
Tgt Ion: 164 Resp: 372972

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

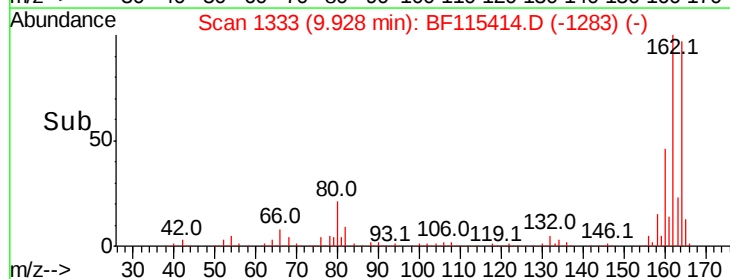
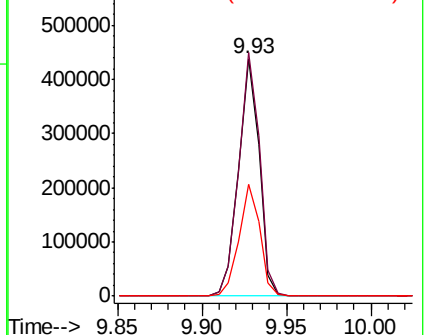
160 46.9 37.0 55.6

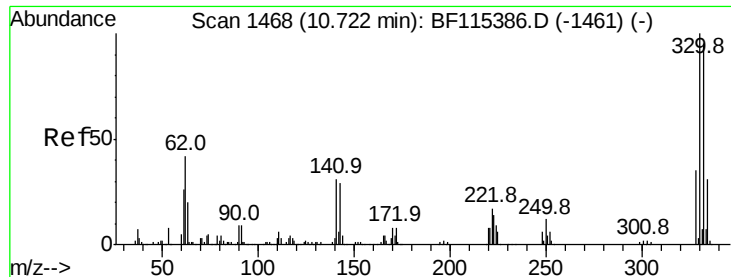


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

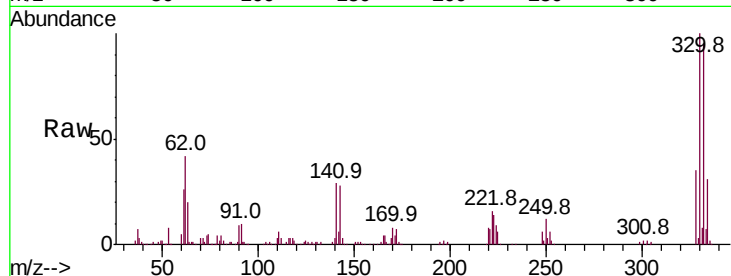




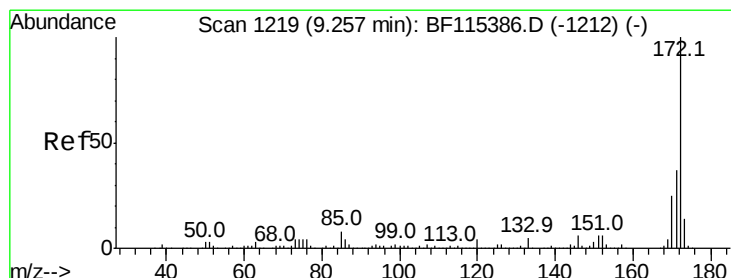
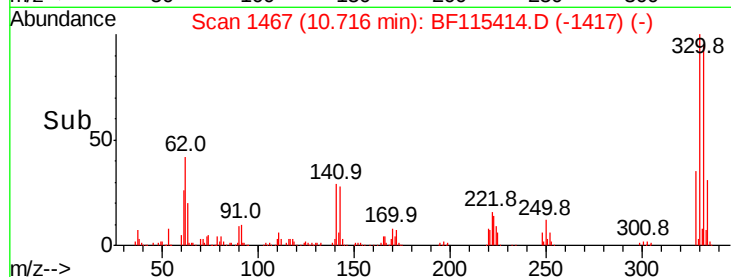
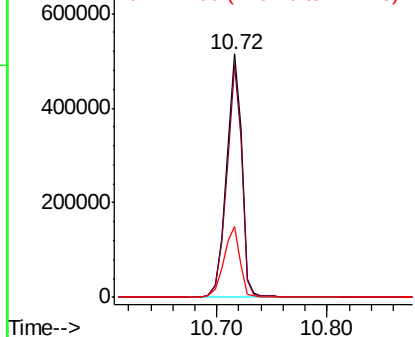
#42
 2,4,6-Tribromophenol
 Concen: 121.125 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115414.D
 Acq: 8 Jul 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121186TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.3	114.5
141	30.5	27.0	40.4

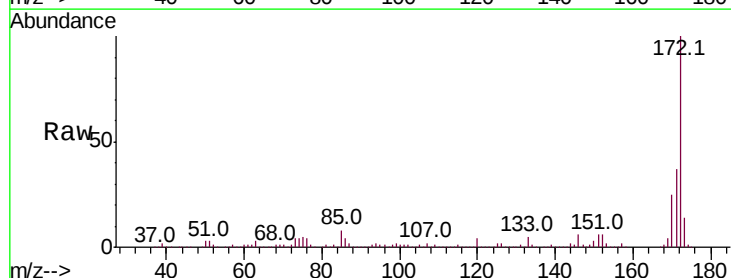


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

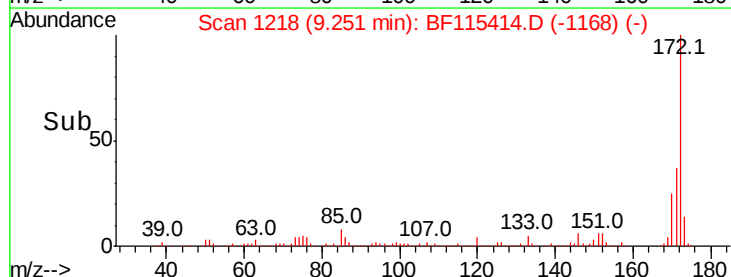
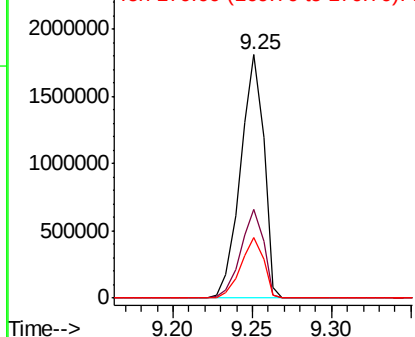


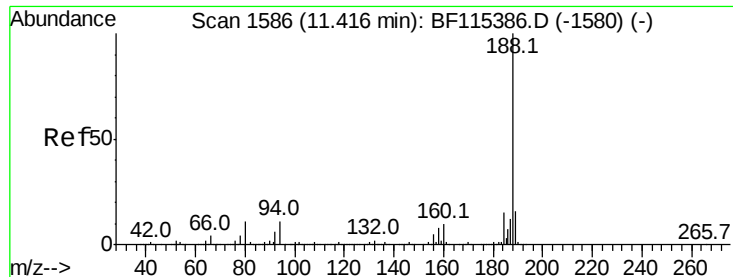
#45
 2-Fluorobiphenyl
 Concen: 86.702 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115414.D
 Acq: 8 Jul 2019 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.8
170	25.0	20.2	30.4



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF115414.D

Acq: 8 Jul 2019 19:27

Instrument :

BNA_F

ClientSampleId :

PB121186TB

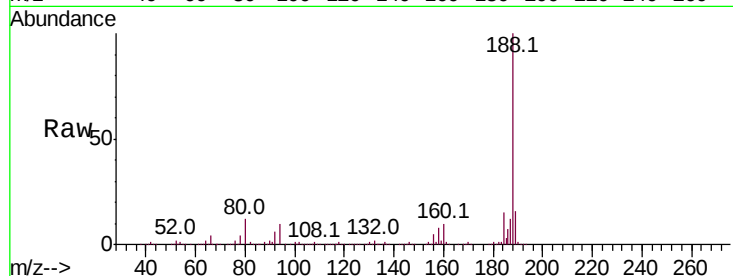
Tot Ion:188 Resp: 777290

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

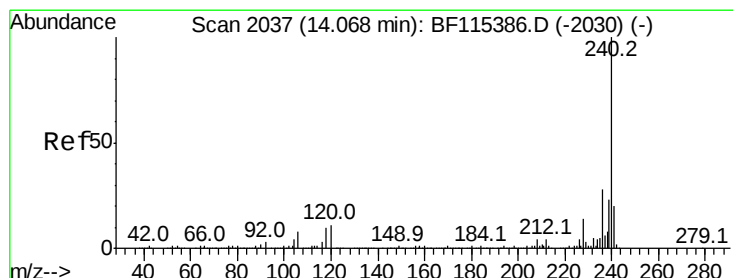
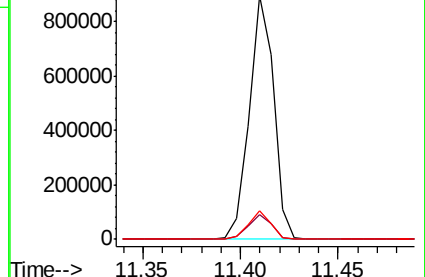
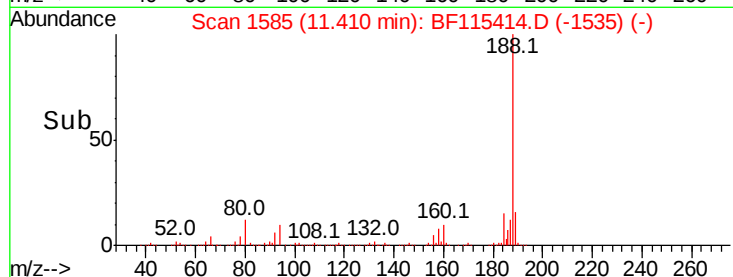
80 11.6 9.1 13.7



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115414.D

Acq: 8 Jul 2019 19:27

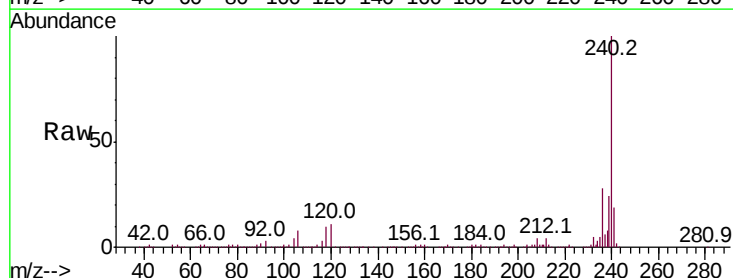
Tgt Ion:240 Resp: 704594

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

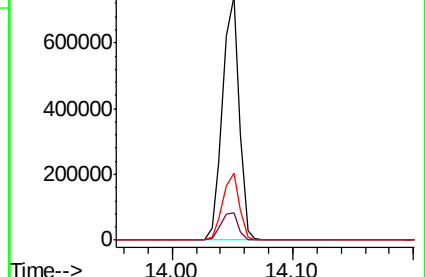
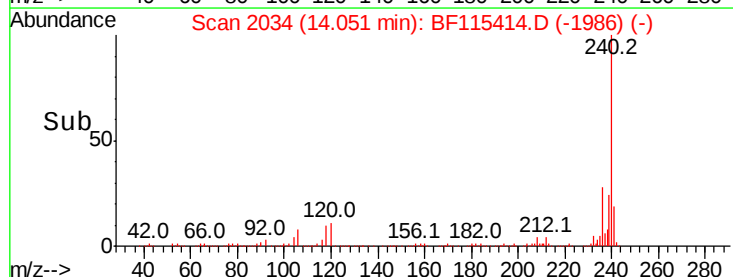
236 27.8 22.5 33.7

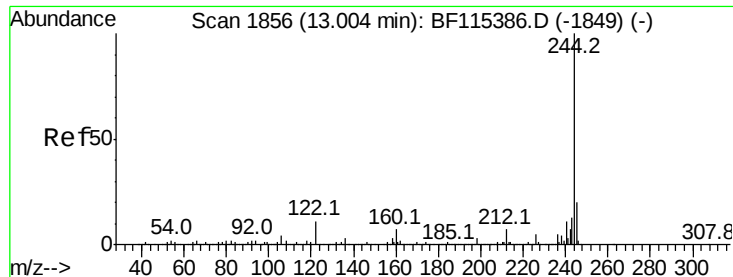


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.032 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115414.D

Acq: 8 Jul 2019 19:27

Instrument :

BNA_F

ClientSampled :

PB121186TB

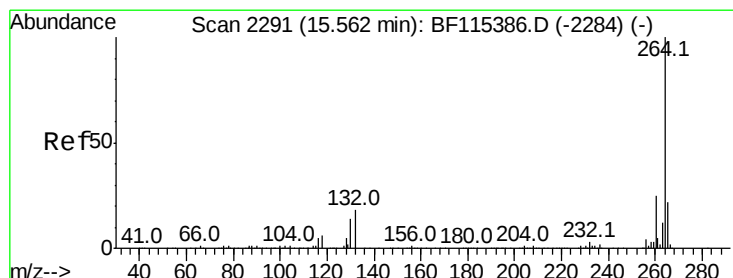
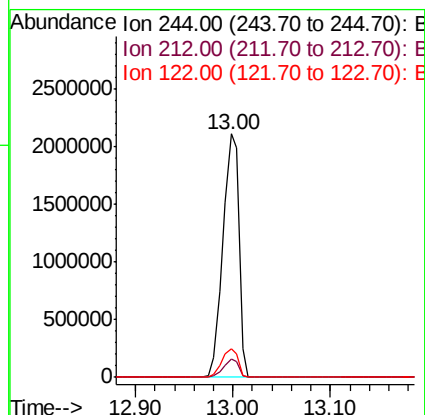
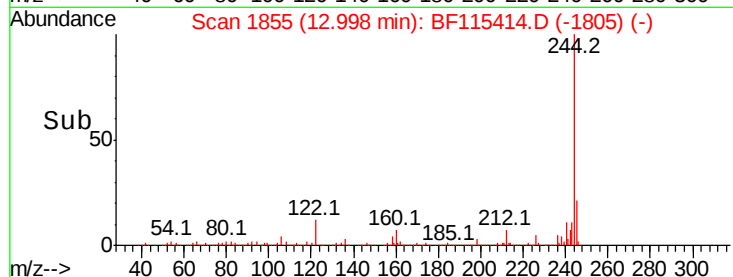
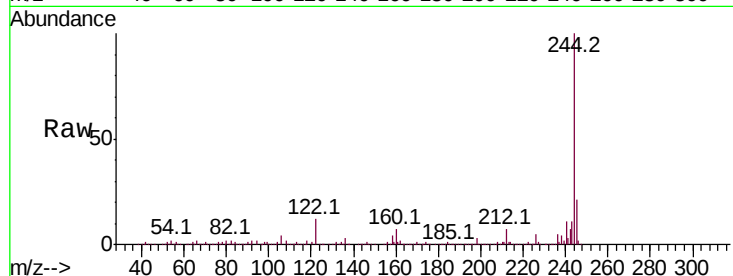
Tot Ion:244 Resp: 2409965

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.8 9.1 13.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BF115414.D

Acq: 8 Jul 2019 19:27

Tgt Ion:264 Resp: 765936

Ion Ratio Lower Upper

264 100

260 25.1 19.9 29.9

265 22.1 17.4 26.2

