

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115406.D
 Acq On : 8 Jul 2019 15:28
 Operator : HP/JU
 Sample : PB121094BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BL

Quant Time: Jul 08 17:28:38 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	6.90	152	227046	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	892260	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	452026	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	881688	20.00	ng	0.00
76) Chrysene-d12	14.06	240	647502	20.00	ng	-0.01
87) Perylene-d12	15.56	264	586843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1604445	109.18	ng	0.02
7) Phenol-d6	6.53	99	2086755	111.66	ng	0.00
23) Nitrobenzene-d5	7.46	82	1339792	88.72	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	610211	122.09	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2289651	88.88	ng	0.00
79) Terphenyl-d14	13.00	244	2627537	83.09	ng	0.00

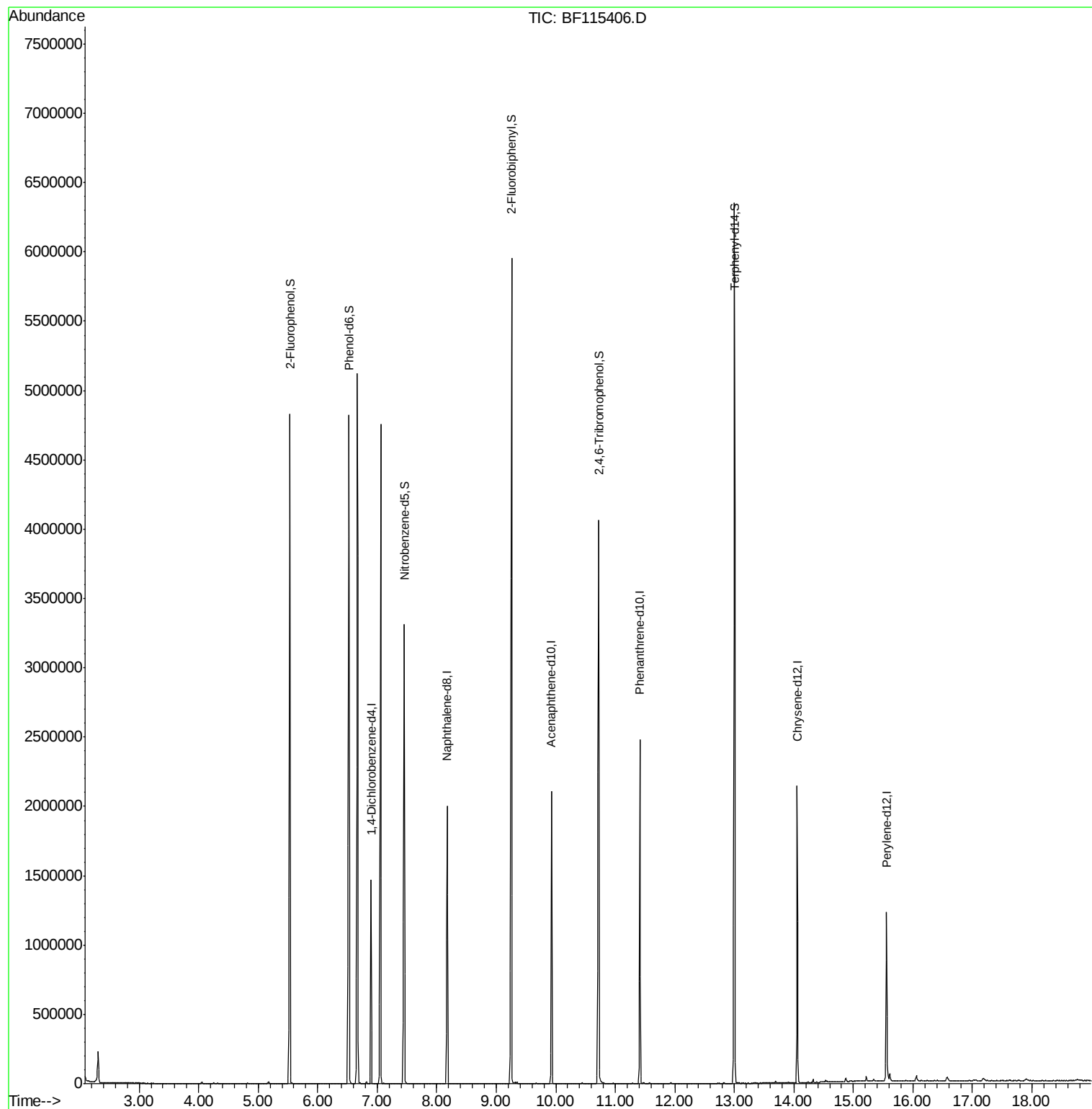
Target Compounds Qvalue

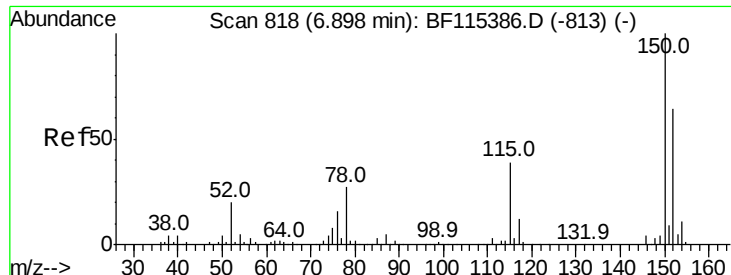
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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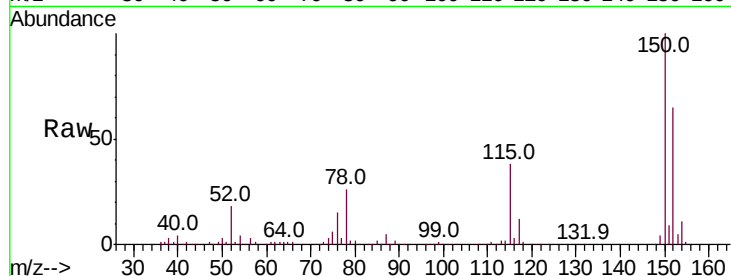


#1

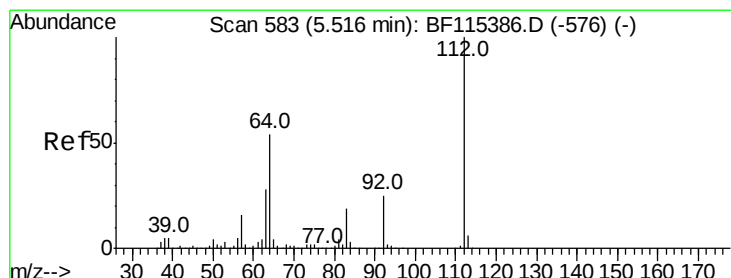
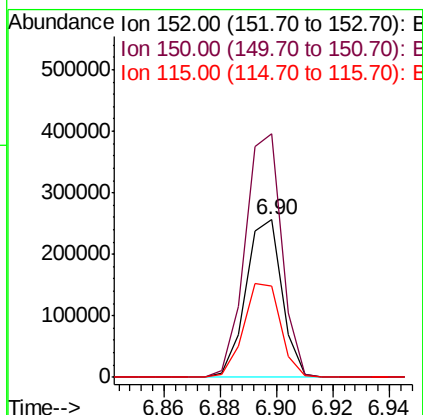
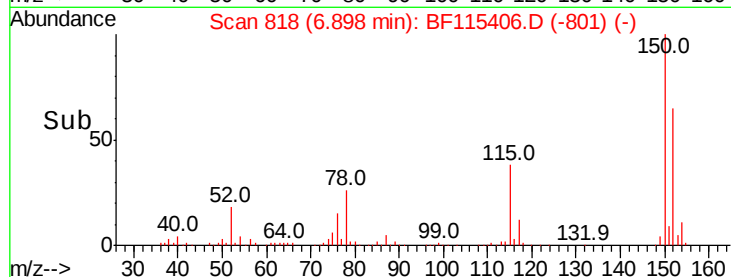
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF115406.D
 Acq: 8 Jul 2019 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BL

Tot Ion:152 Resp: 227046
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.7 187.1
 115 57.9 48.1 72.1



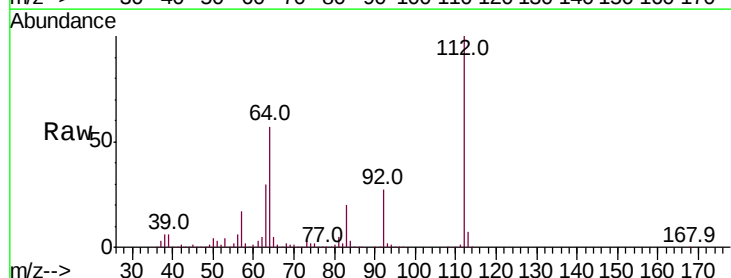
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



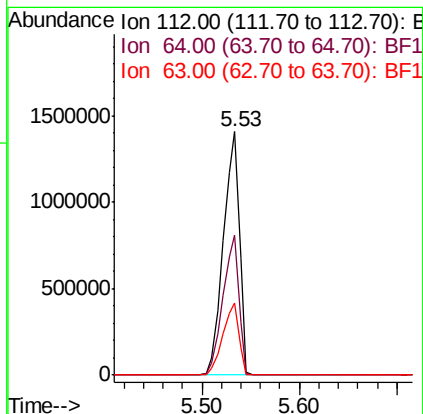
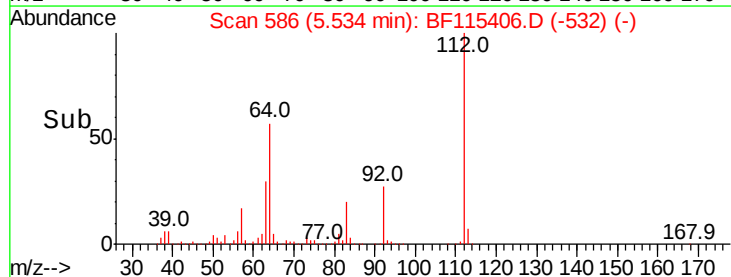
#5

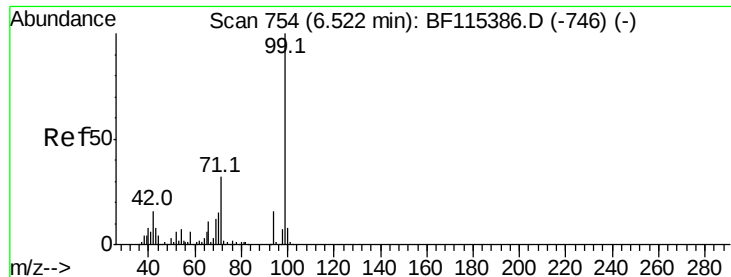
2-Fluorophenol
 Concen: 109.181 ng
 RT: 5.53 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF115406.D
 Acq: 8 Jul 2019 15:28

Tgt Ion:112 Resp: 1604445
 Ion Ratio Lower Upper
 112 100
 64 57.2 43.0 64.6
 63 29.7 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: 111.655 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115406.D

Acq: 8 Jul 2019 15:28

Instrument :

BNA_F

ClientSampleId :

PB121094BL

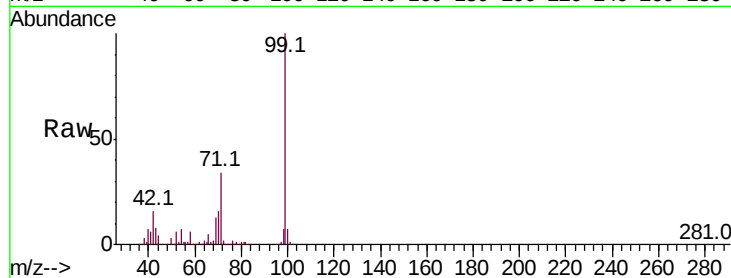
Tot Ion: 99 Resp: 2086755

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

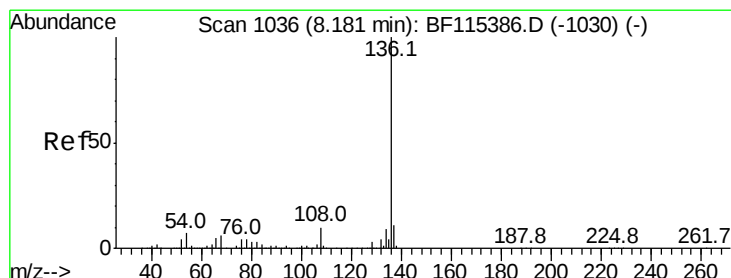
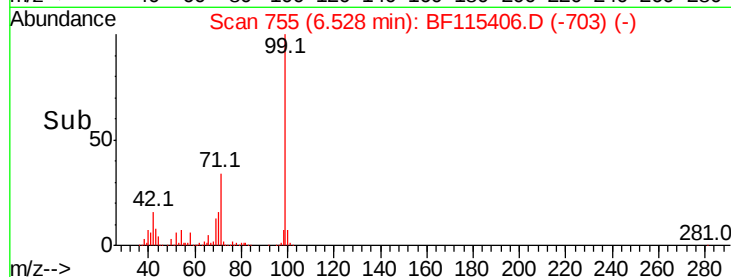
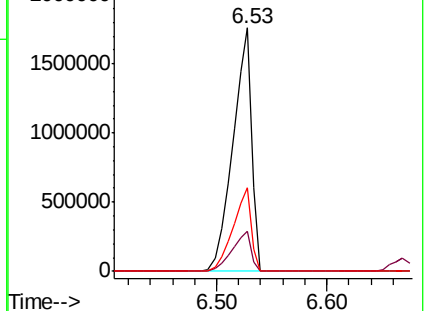
71 34.5 25.9 38.9



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: BF115406.D

Acq: 8 Jul 2019 15:28

Tgt Ion: 136 Resp: 892260

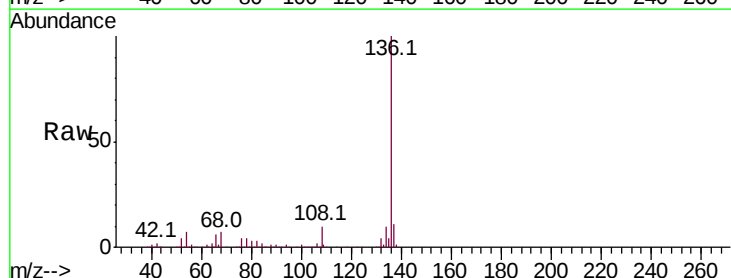
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.3 5.6 8.4

68 6.5 4.9 7.3

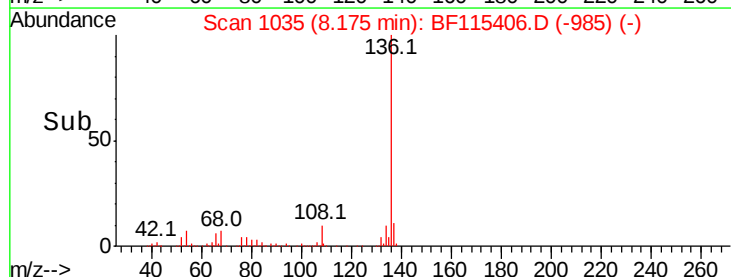
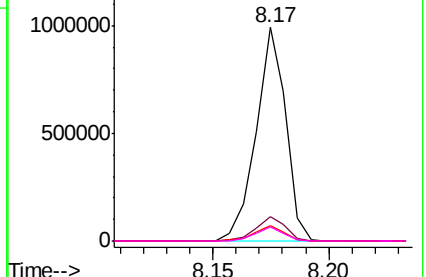


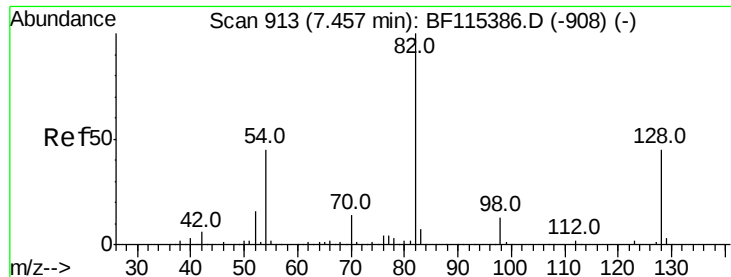
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.718 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF115406.D

Acq: 8 Jul 2019 15:28

Instrument :

BNA_F

ClientSampleId :

PB121094BL

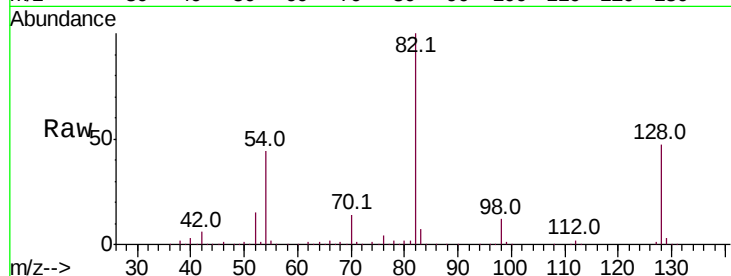
Tot Ion: 82 Resp: 1339792

Ion Ratio Lower Upper

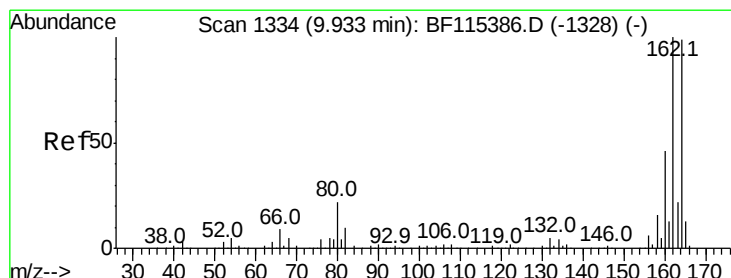
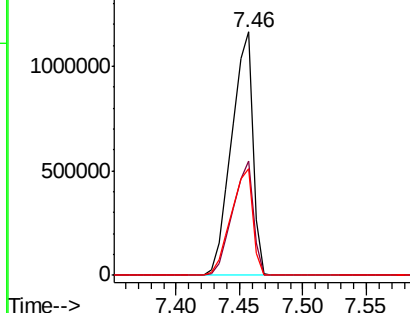
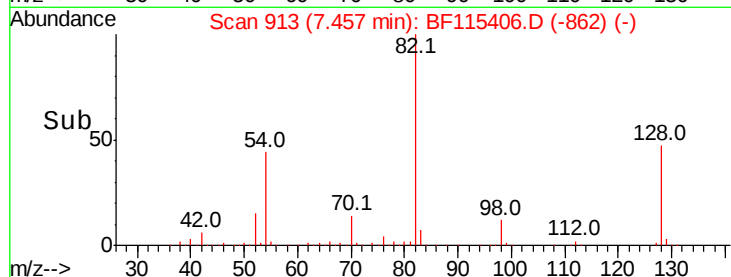
82 100

128 46.9 35.7 53.5

54 44.0 36.3 54.5



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: BF115406.D

Acq: 8 Jul 2019 15:28

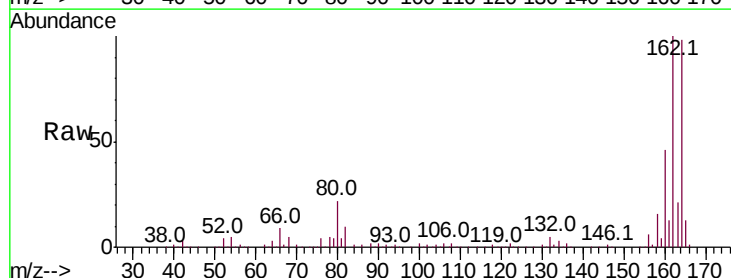
Tgt Ion:164 Resp: 452026

Ion Ratio Lower Upper

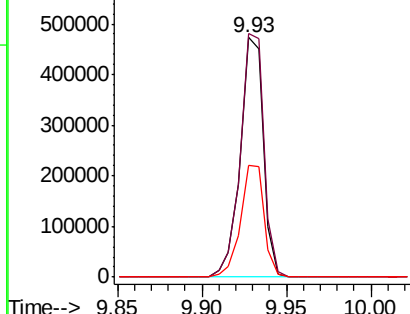
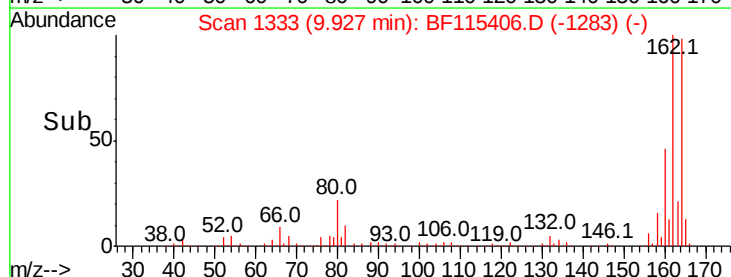
164 100

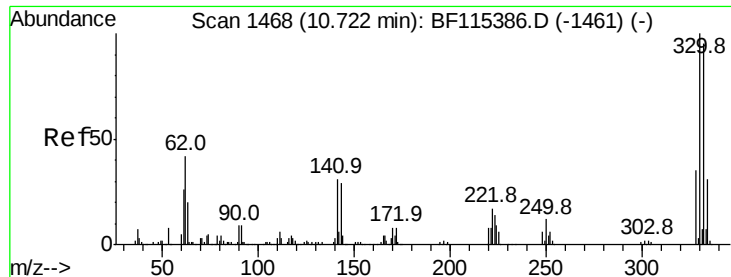
162 101.6 80.6 121.0

160 46.4 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: 122.093 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF115406.D

Acq: 8 Jul 2019 15:28

Instrument :

BNA_F

ClientSampleId :

PB121094BL

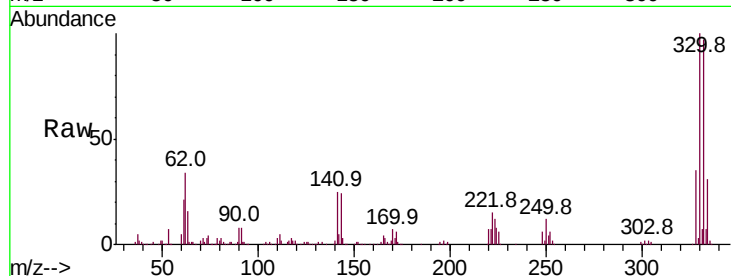
Tot Ion:330 Resp: 610211

Ion Ratio Lower Upper

330 100

332 96.2 76.3 114.5

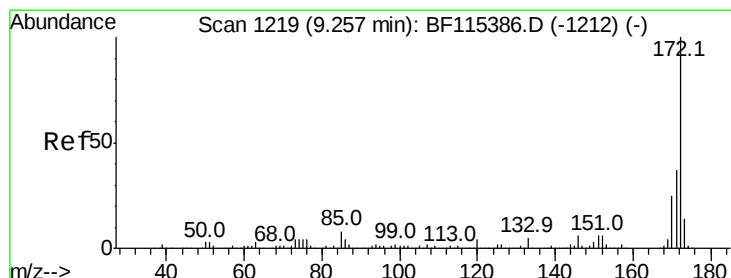
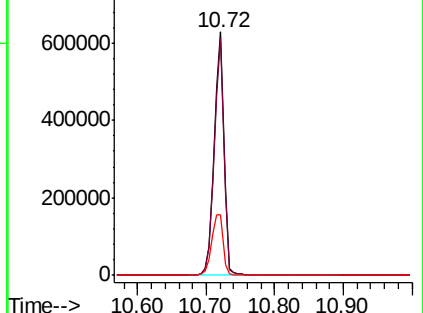
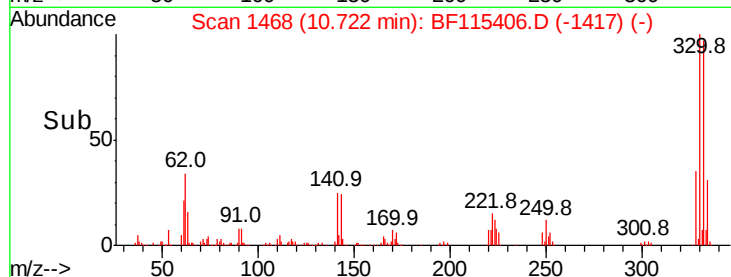
141 29.8 27.0 40.4



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: 88.883 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF115406.D

Acq: 8 Jul 2019 15:28

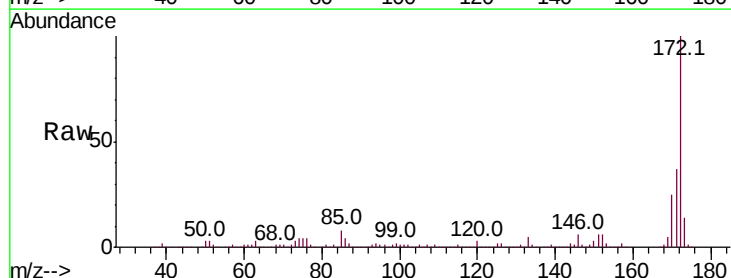
Tgt Ion:172 Resp: 2289651

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.8

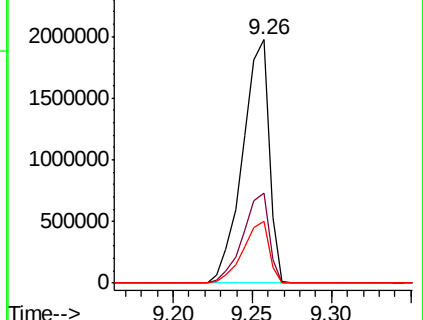
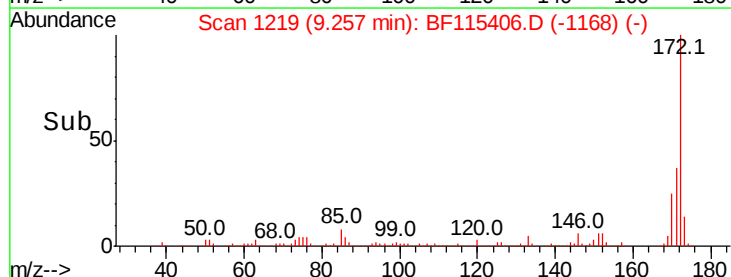
170 25.2 20.2 30.4

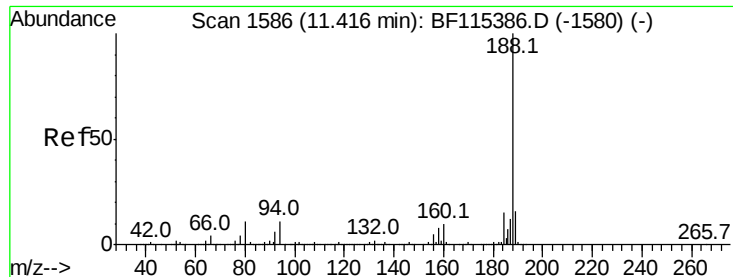


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF115406.D

Acq: 8 Jul 2019 15:28

Instrument :

BNA_F

ClientSampleId :

PB121094BL

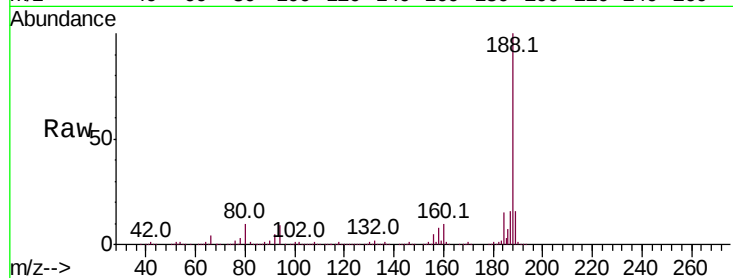
Tot Ion:188 Resp: 881688

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

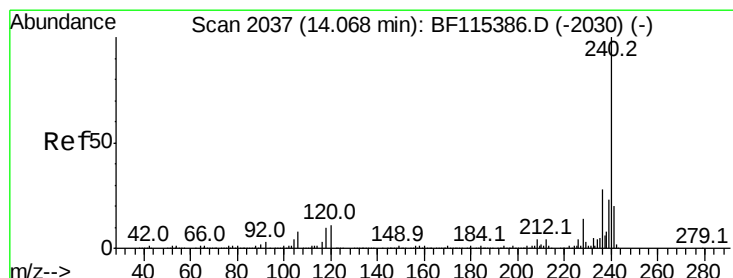
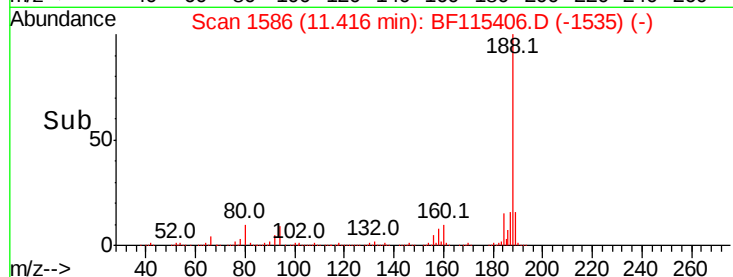
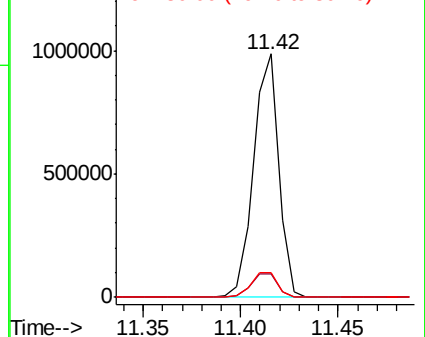
80 10.2 9.1 13.7



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF115406.D

Acq: 8 Jul 2019 15:28

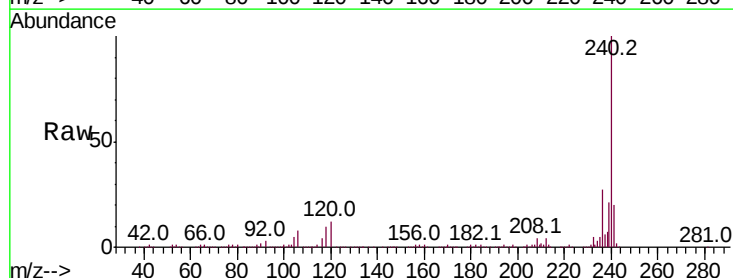
Tgt Ion:240 Resp: 647502

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

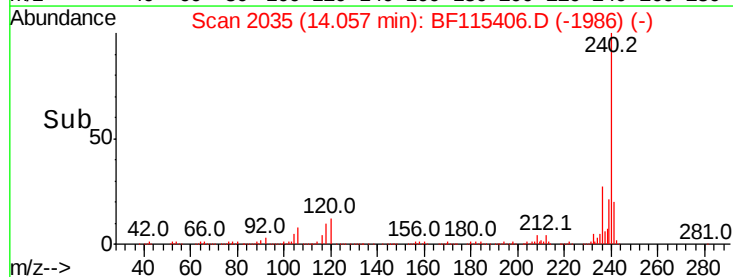
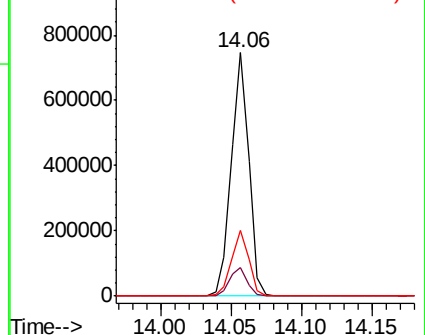
236 27.2 22.5 33.7

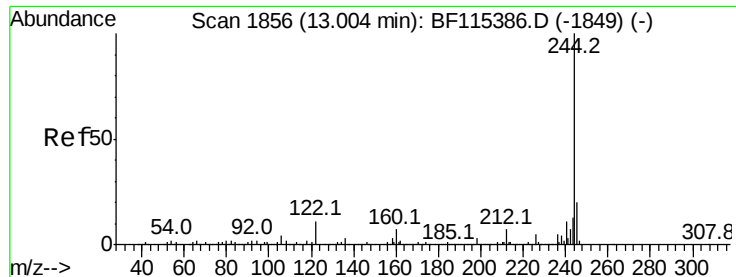


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.087 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115406.D

Acq: 8 Jul 2019 15:28

Instrument :

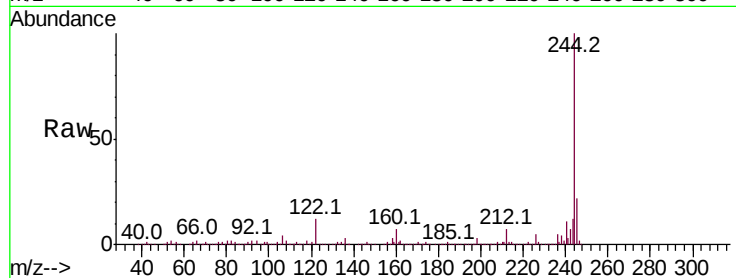
BNA_F

ClientSampleId :

PB121094BL

Tot Ion:244 Resp: 2627537

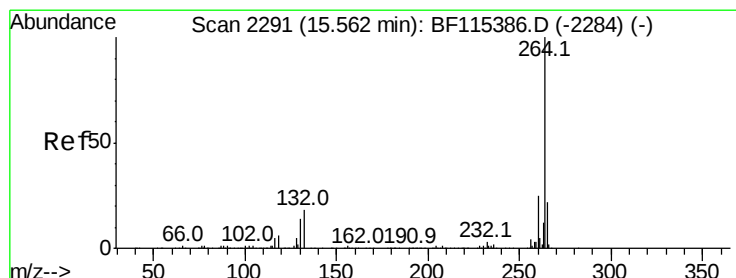
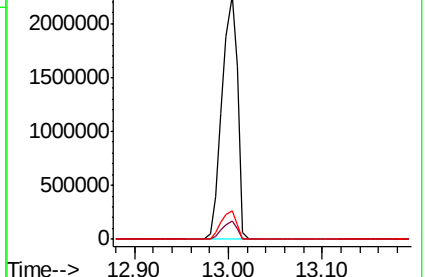
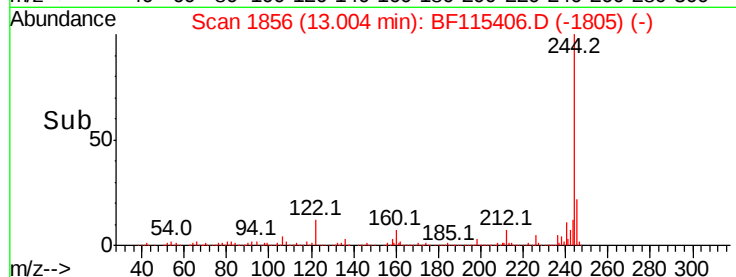
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.5	9.1	13.7



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: 15.56 min Scan# 2290

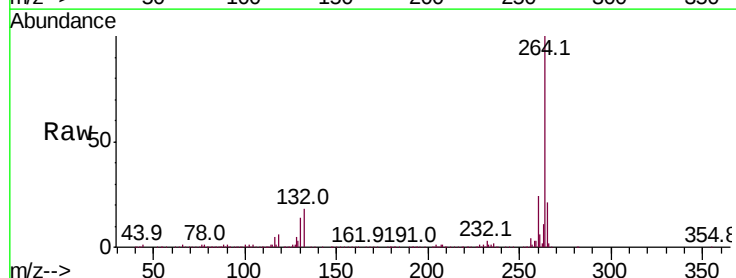
Delta R.T. -0.01 min

Lab File: BF115406.D

Acq: 8 Jul 2019 15:28

Tgt Ion:264 Resp: 586843

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.5	17.4	26.2



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

