

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062919\
 Data File : BF115311.D
 Acq On : 29 Jun 2019 9:41
 Operator : HP/JU
 Sample : PB121004BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BL

Quant Time: Jun 30 01:58:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	234333	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	881774	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	440505	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	868057	20.00	ng	0.00
76) Chrysene-d12	13.71	240	670530	20.00	ng	0.00
87) Perylene-d12	15.08	264	718394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1637702	107.85	ng	0.02
7) Phenol-d6	6.24	99	2034128	110.36	ng	0.00
23) Nitrobenzene-d5	7.16	82	1269670	88.58	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	592941	127.64	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2345821	90.46	ng	0.00
79) Terphenyl-d14	12.68	244	2579534	81.79	ng	0.00

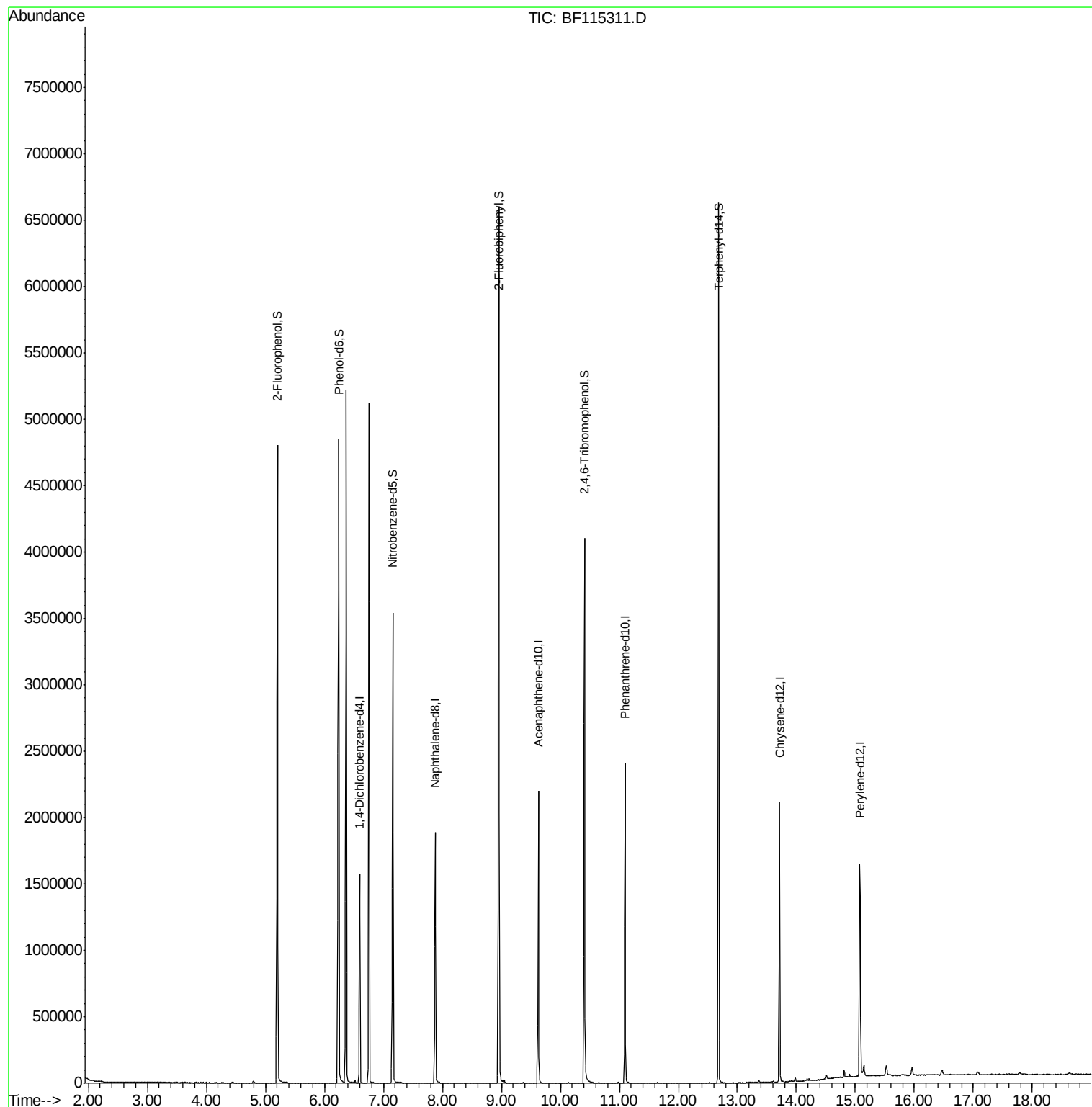
Target Compounds Qvalue

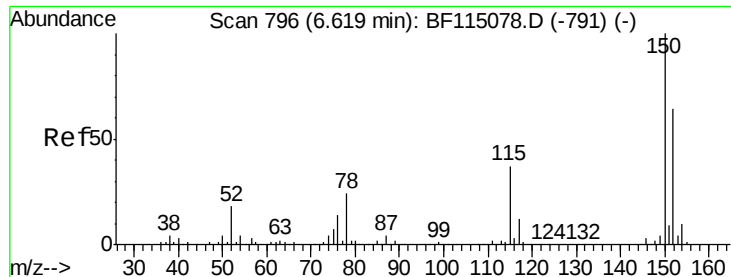
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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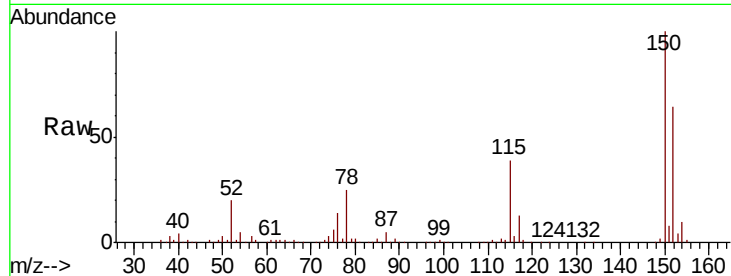


#1

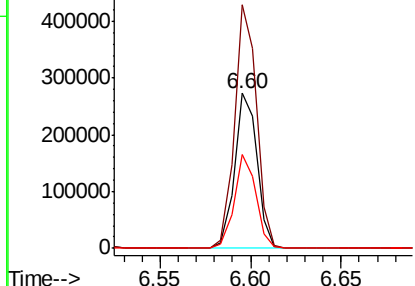
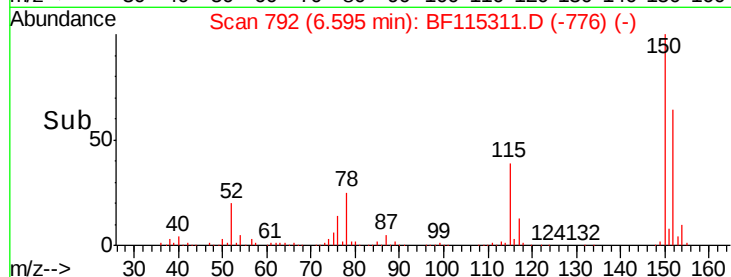
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tot Ion:152 Resp: 234333
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 60.7 46.1 69.1



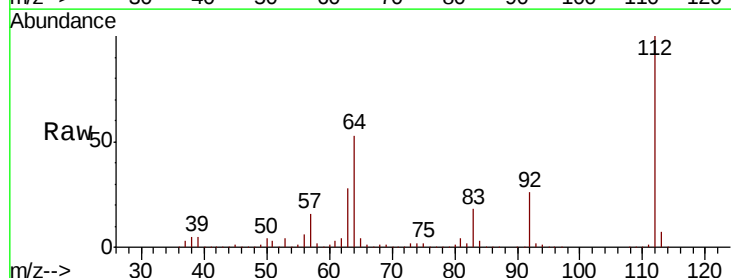
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



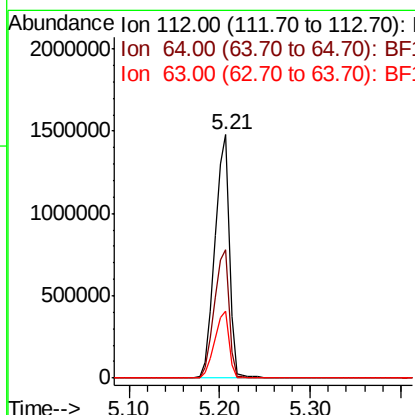
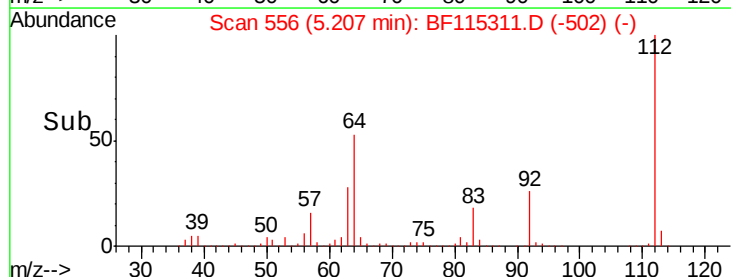
#5

2-Fluorophenol
Concen: 107.849 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:112 Resp: 1637702
Ion Ratio Lower Upper
112 100
64 52.7 43.8 65.6
63 27.5 22.2 33.4



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: 110.364 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

Instrument :

BNA_F

ClientSampleId :

PB121004BL

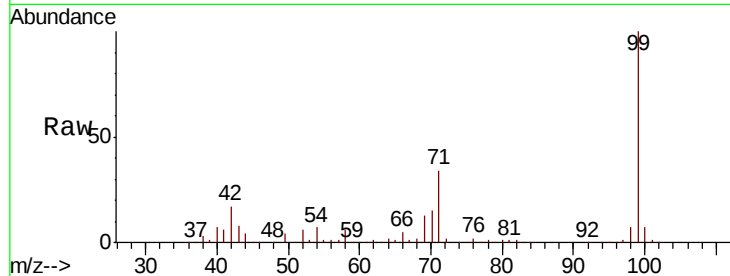
Tot Ion: 99 Resp: 2034128

Ion Ratio Lower Upper

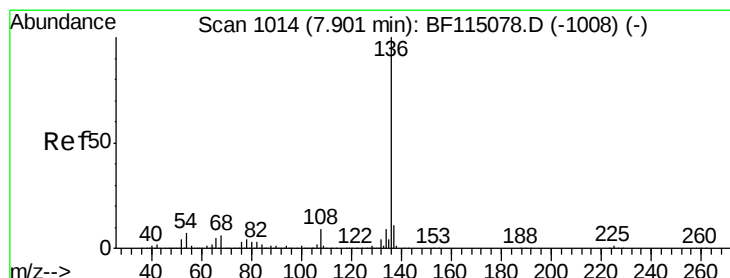
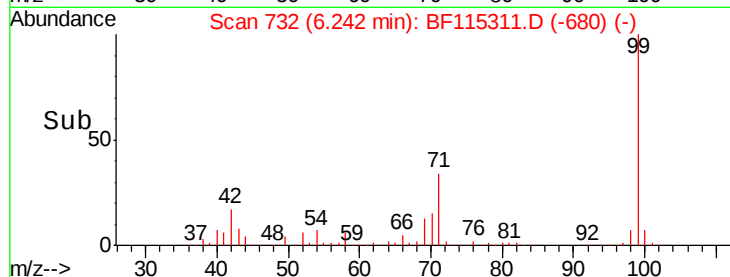
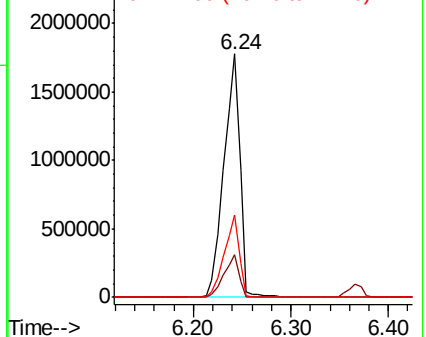
99 100

42 17.3 13.6 20.4

71 33.8 25.5 38.3



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: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

Tgt Ion: 136 Resp: 881774

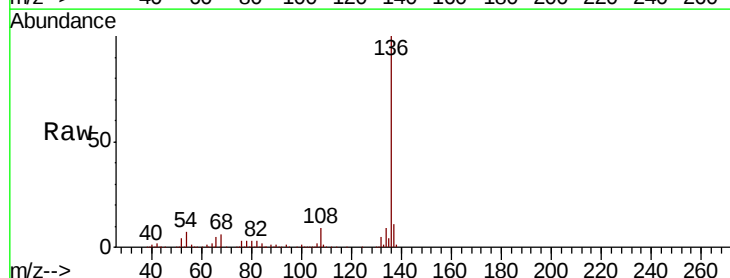
Ion Ratio Lower Upper

136 100

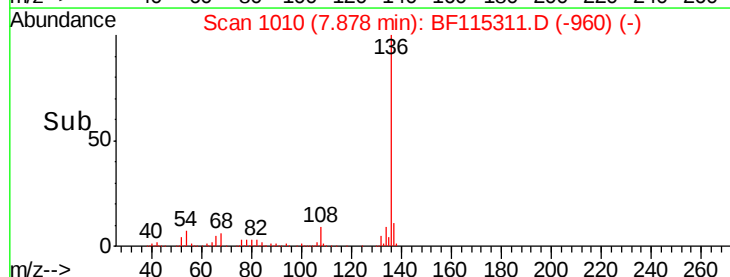
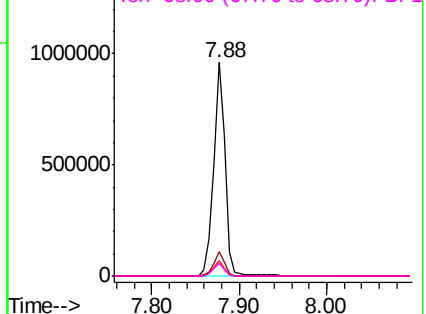
137 11.3 8.9 13.3

54 7.3 5.6 8.4

68 6.1 4.8 7.2



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

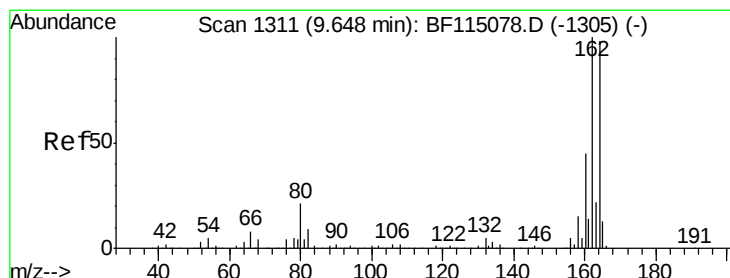
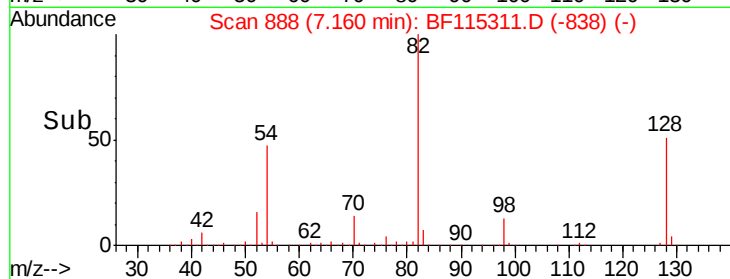
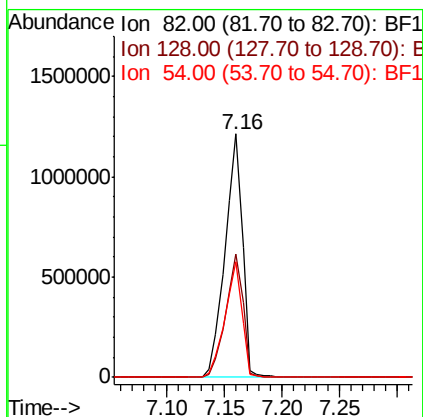
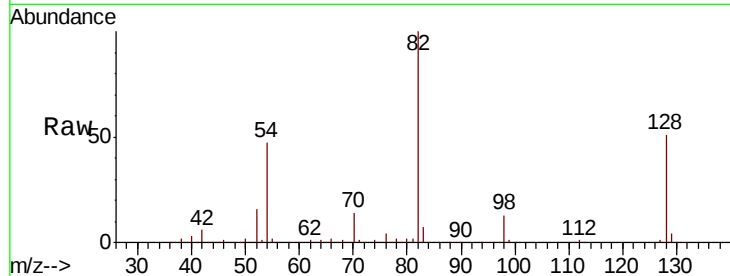




#23
Nitrobenzene-d5
Concen: 88.576 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

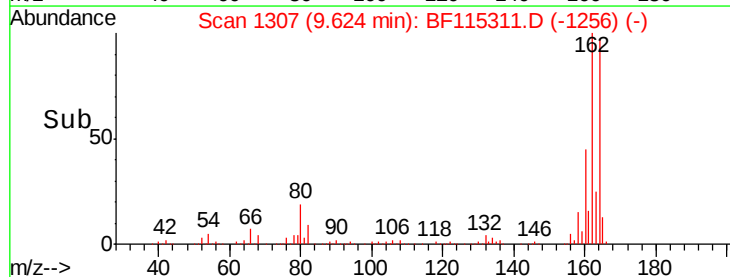
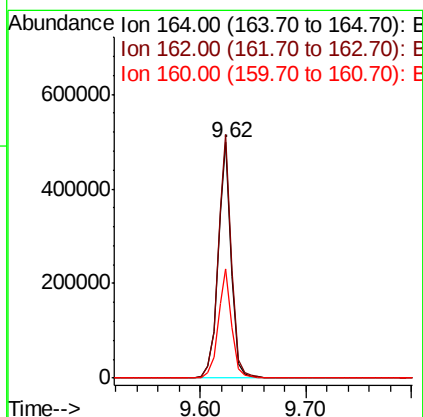
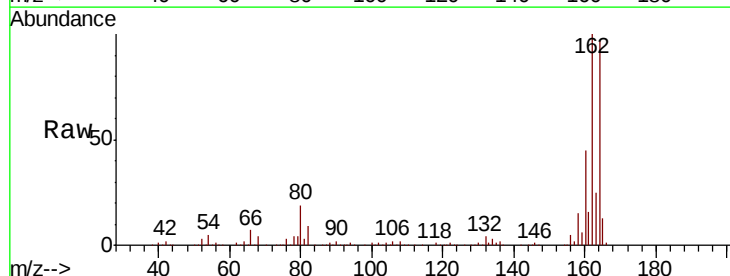
Instrument :
BNA_F
ClientSampleId :
PB121004BL

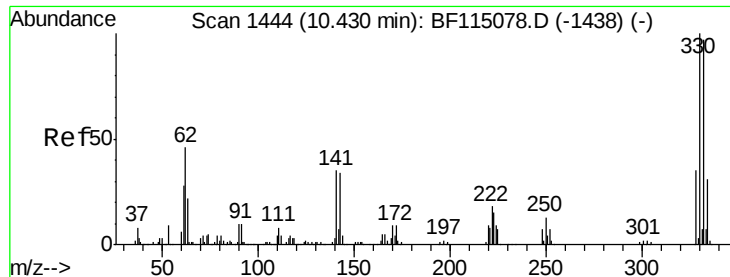
Tot Ion: 82 Resp: 1269670
Ion Ratio Lower Upper
82 100
128 50.7 40.4 60.6
54 47.3 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:164 Resp: 440505
Ion Ratio Lower Upper
164 100
162 103.3 81.7 122.5
160 46.6 37.0 55.4

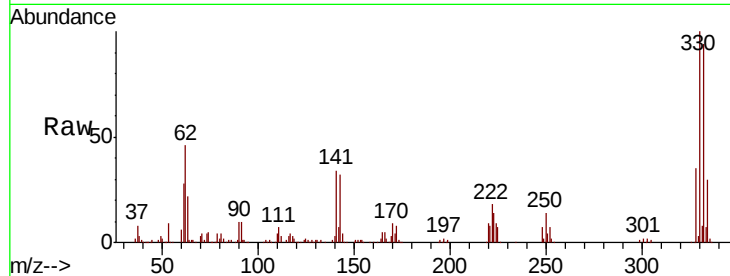




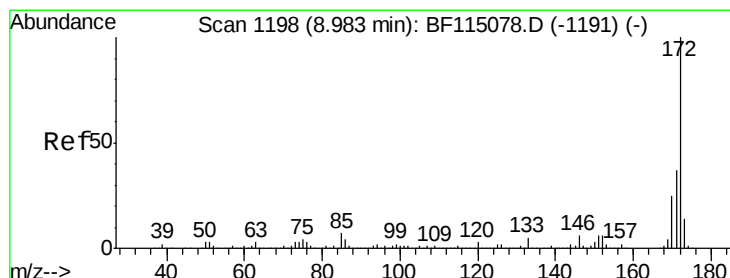
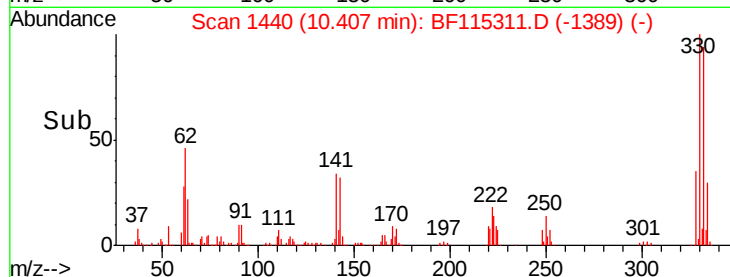
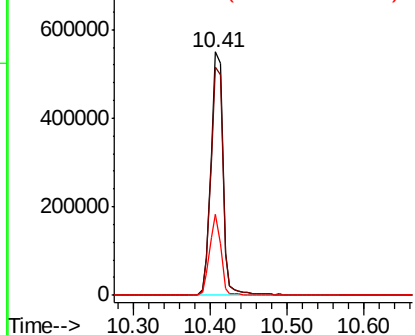
#42
 2,4,6-Tribromophenol
 Concen: 127.644 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

Instrument :
 BNA_F
 ClientSampleId :
 PB121004BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	31.7	28.2	42.2

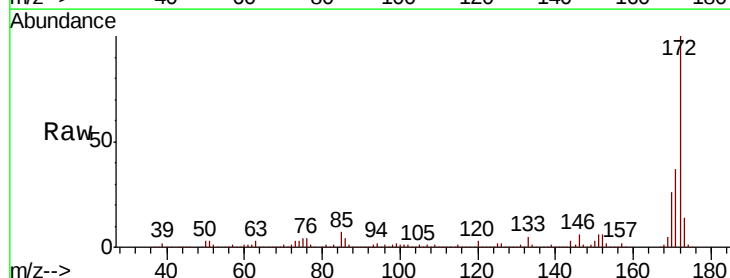


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

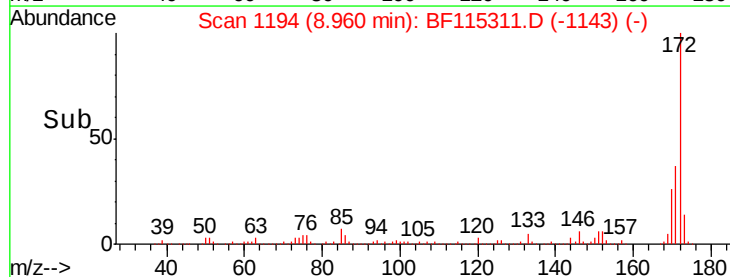
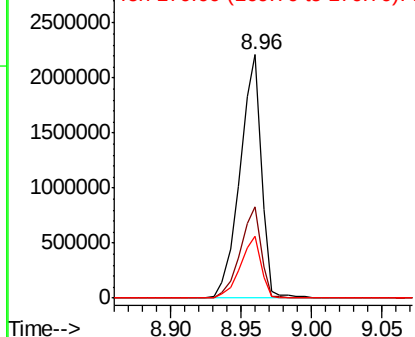


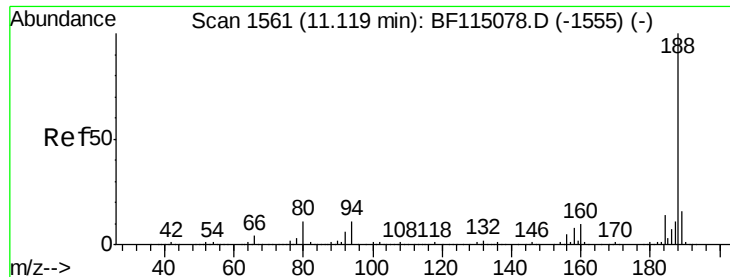
#45
 2-Fluorobiphenyl
 Concen: 90.457 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115311.D
 Acq: 29 Jun 2019 9:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.5	20.3	30.5



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: 11.09 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

Instrument :

BNA_F

ClientSampleId :

PB121004BL

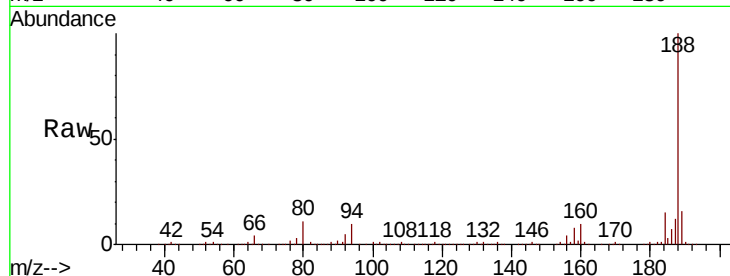
Tot Ion:188 Resp: 868057

Ion Ratio Lower Upper

188 100

94 10.1 8.6 12.8

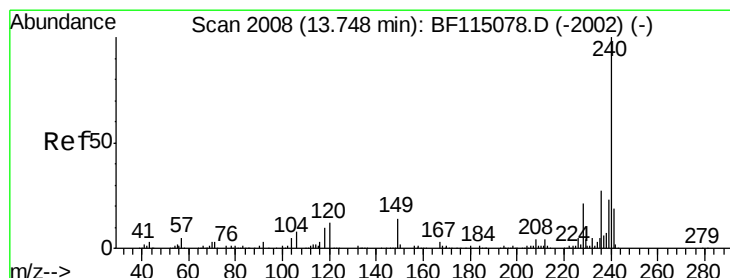
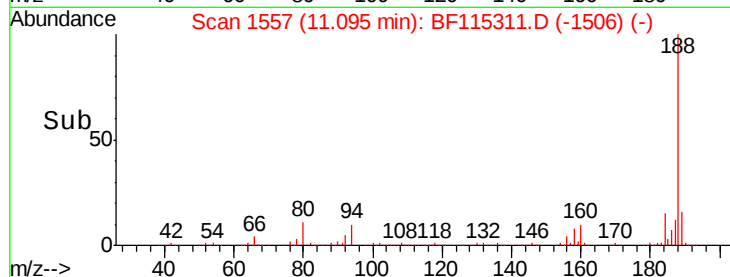
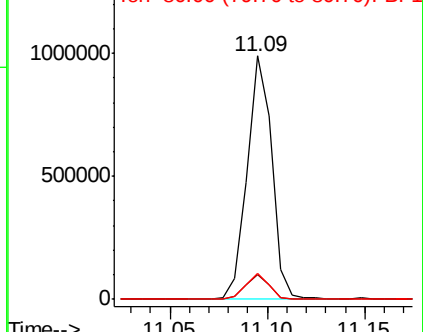
80 10.6 8.8 13.2



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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

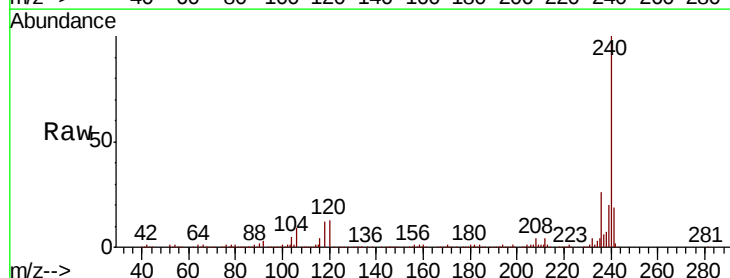
Tgt Ion:240 Resp: 670530

Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

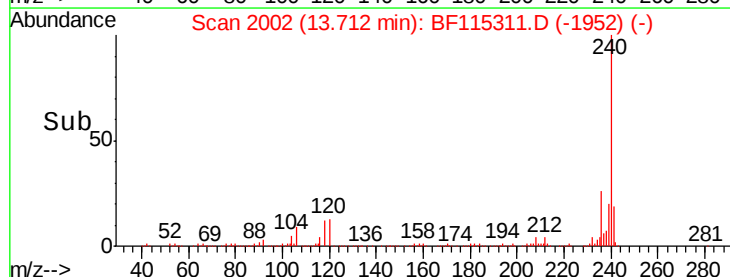
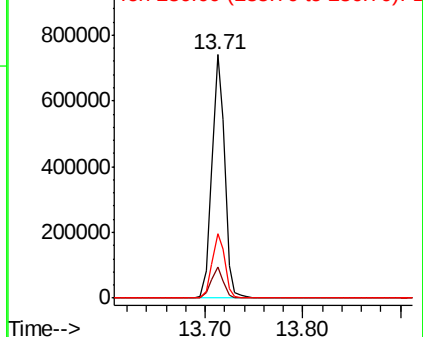
236 26.4 21.7 32.5

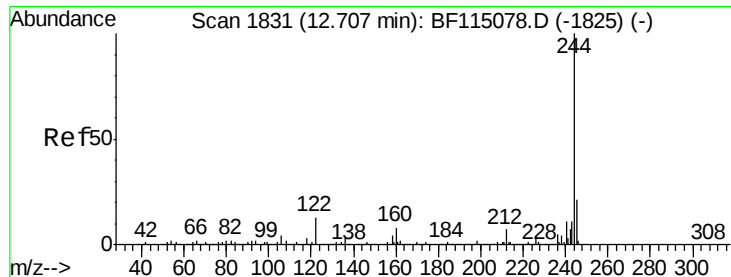


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.793 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

Instrument :

BNA_F

ClientSampleId :

PB121004BL

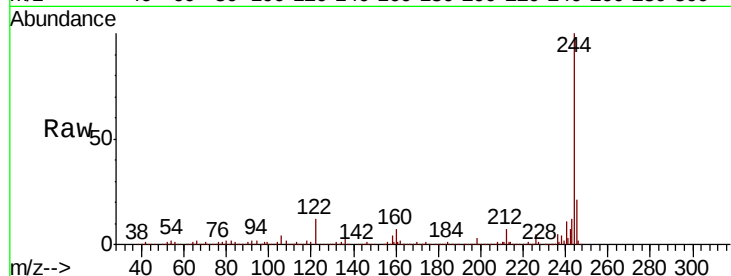
Tot Ion:244 Resp: 2579534

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

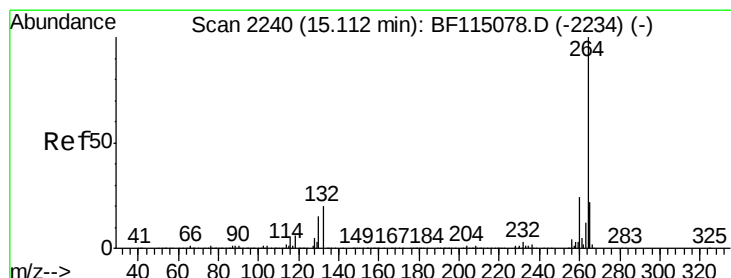
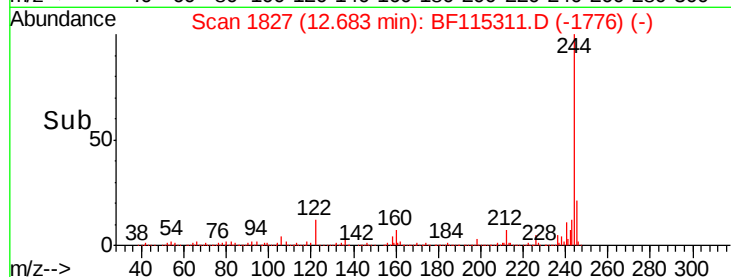
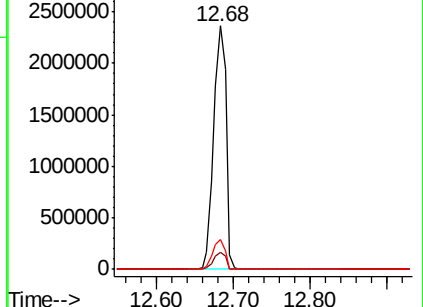
122 12.3 10.4 15.6



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: 15.08 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF115311.D

Acq: 29 Jun 2019 9:41

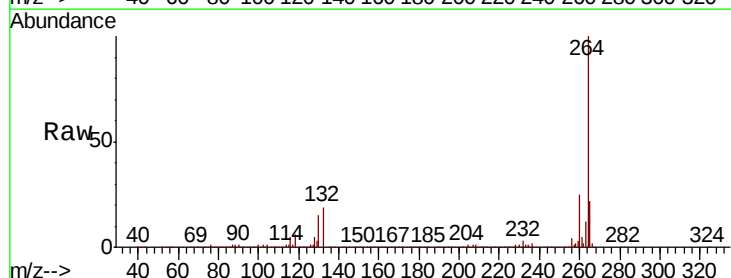
Tgt Ion:264 Resp: 718394

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 22.1 17.3 25.9



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

