

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
 Data File : BF115138.D
 Acq On : 23 Jun 2019 00:49
 Operator : HP/JU
 Sample : K3454-03RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30272RE

Quant Time: Jun 24 06:32:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	263151	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1015655	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	490046	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	845956	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	570462	20.00	ng	-0.02
87) Perylene-d12	15.09	264	527184	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	805329	47.23	ng	0.00
7) Phenol-d6	6.25	99	1060964	51.26	ng	0.00
23) Nitrobenzene-d5	7.17	82	706213	42.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	204060	39.49	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1435068	49.74	ng	-0.01
79) Terphenyl-d14	12.69	244	1032243	38.47	ng	-0.02

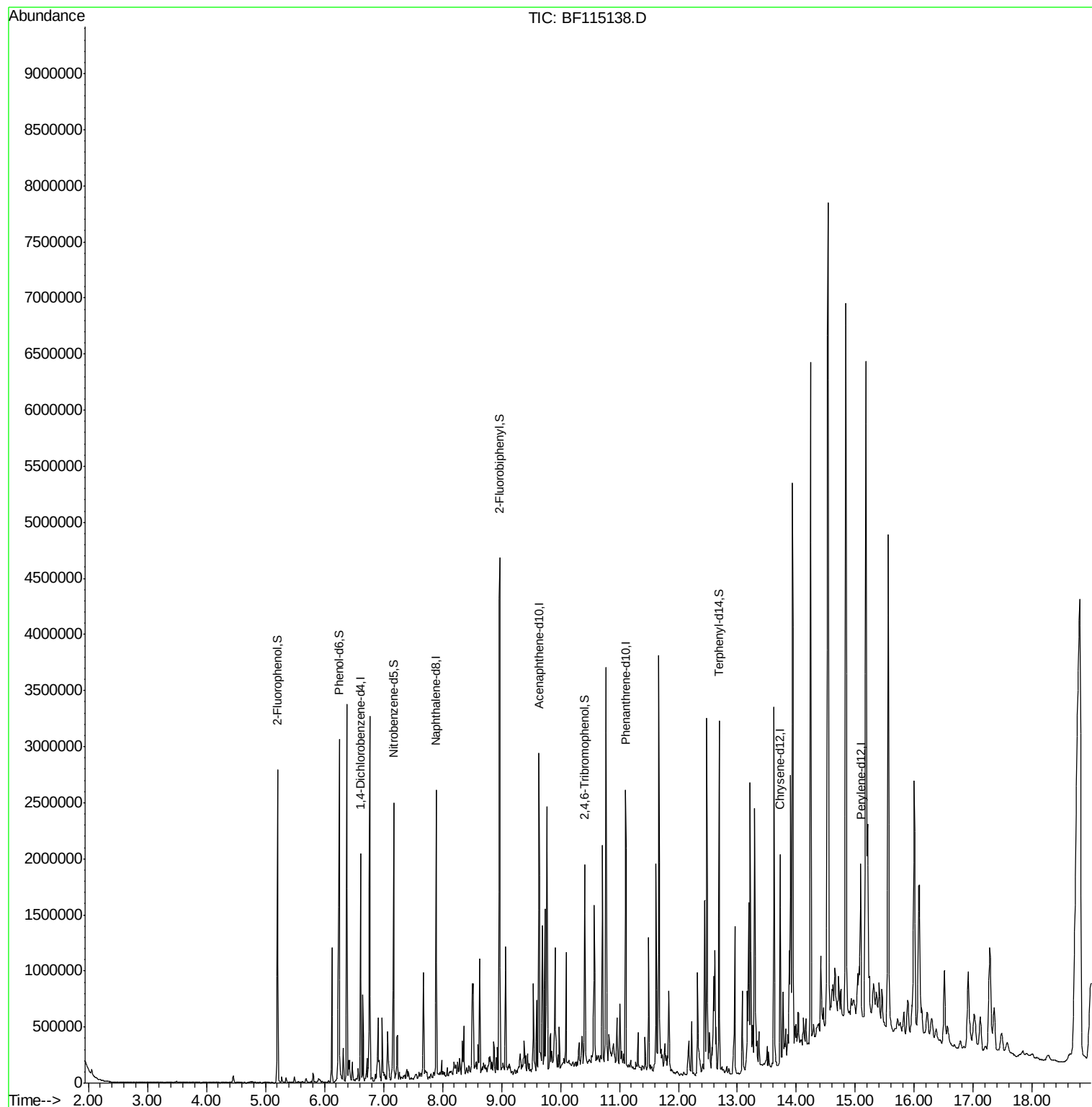
Target Compounds Qvalue

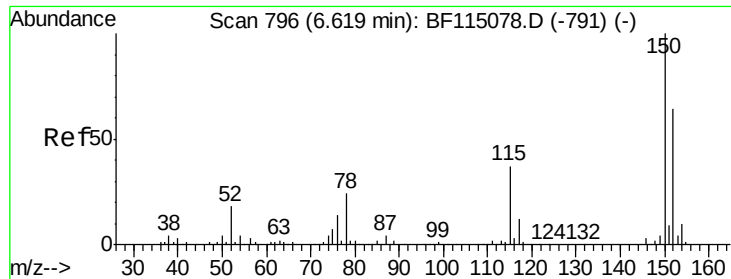
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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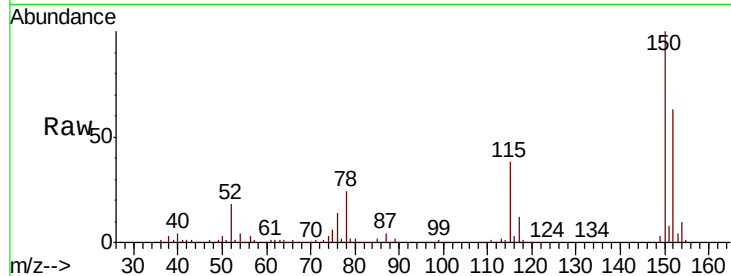


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115138.D
Acq: 23 Jun 2019 00:49

Instrument :
BNA_F
ClientSampleId :
30272RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.2	186.2
115	59.1	46.1	69.1

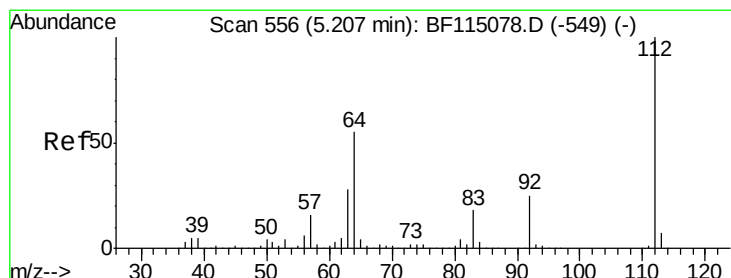
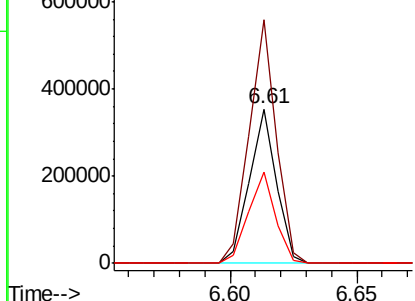
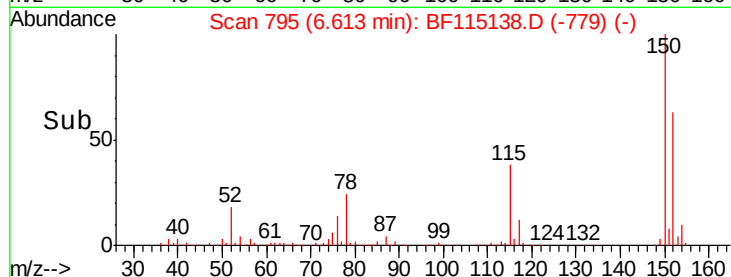


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

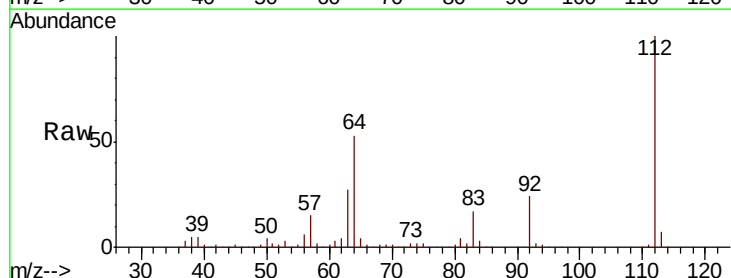
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.226 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF115138.D
Acq: 23 Jun 2019 00:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.8	65.6
63	26.7	22.2	33.4

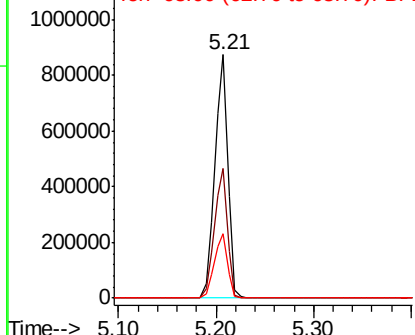
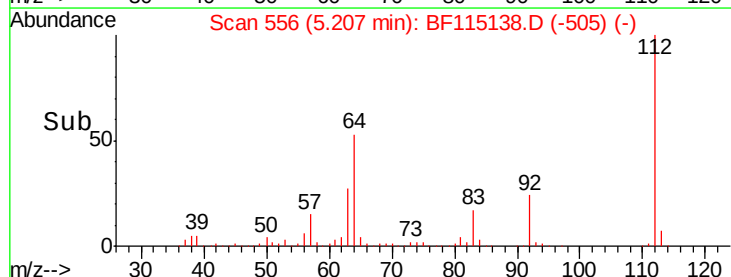


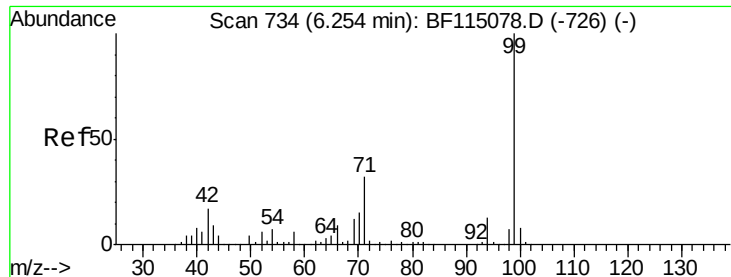
Abundance

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: 51.260 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Instrument :

BNA_F

ClientSampled :

30272RE

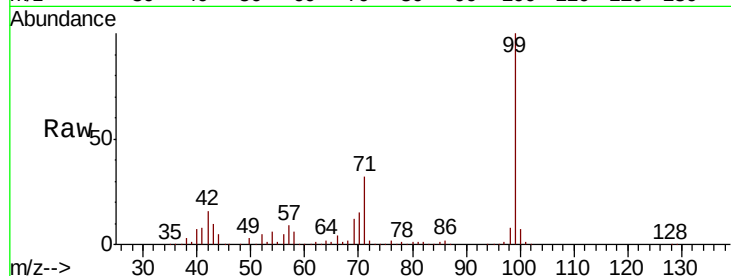
Tot Ion: 99 Resp: 1060964

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

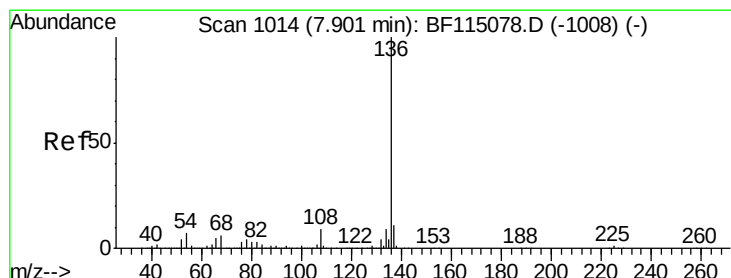
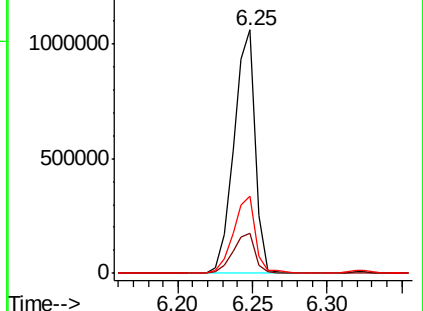
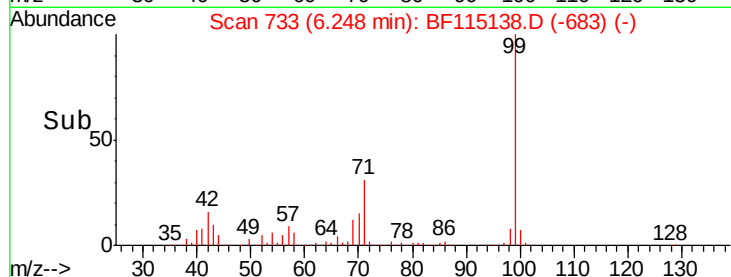
71 31.5 25.5 38.3



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: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Tgt Ion: 136 Resp: 1015655

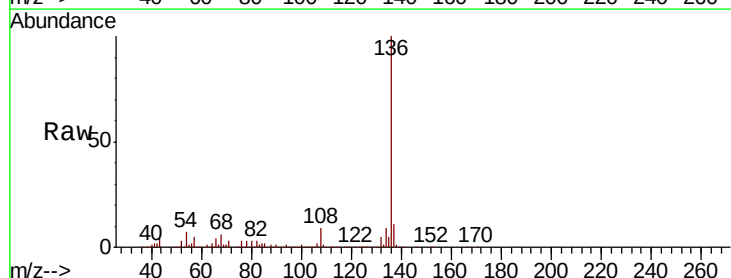
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.6 5.6 8.4

68 5.7 4.8 7.2

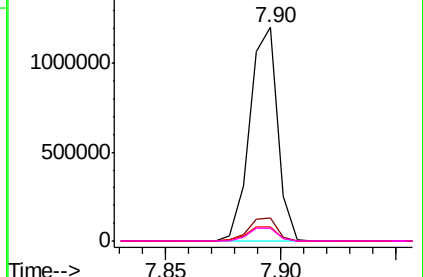
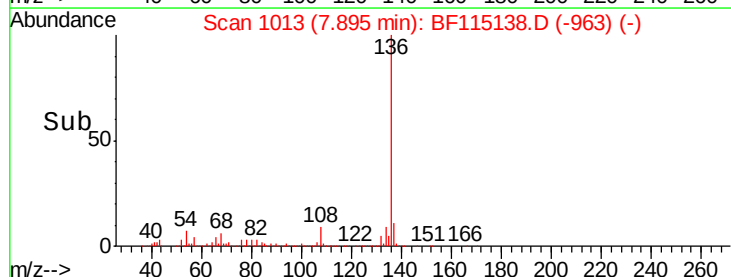


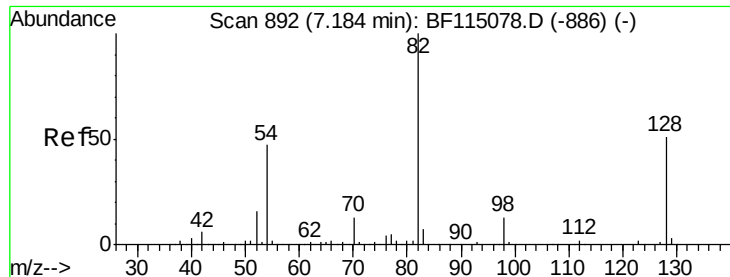
Abundance Ion 136.00 (135.70 to 136.70): E

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

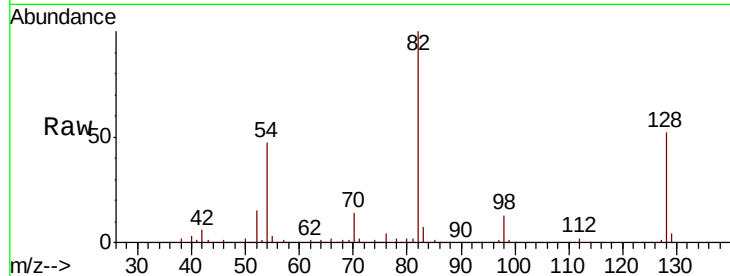




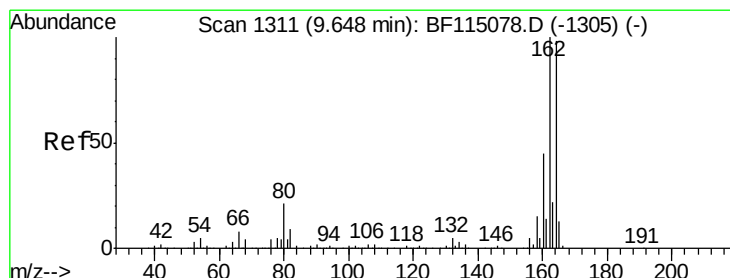
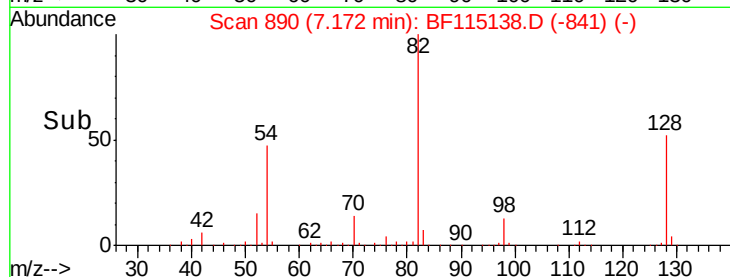
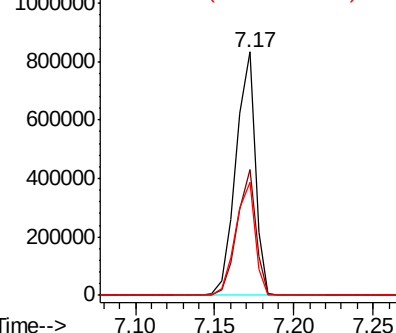
#23
 Nitrobenzene-d5
 Concen: 42.773 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Instrument :
 BNA_F
 ClientSampleId :
 30272RE

Tot Ion	82	Resp	706213
Ion Ratio	Lower	Upper	
82	100		
128	51.9	40.4	60.6
54	46.5	37.5	56.3

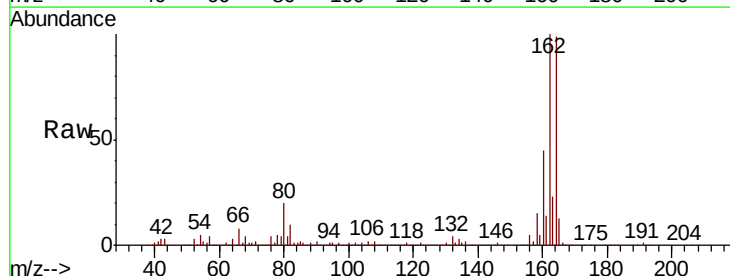


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

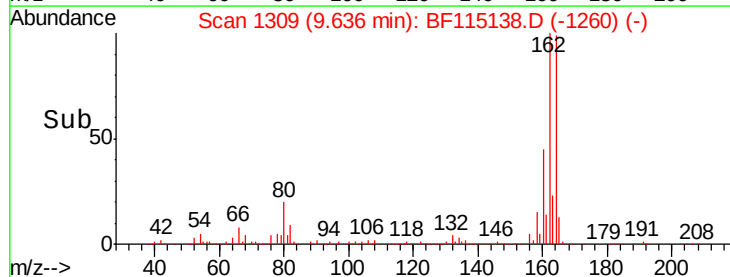
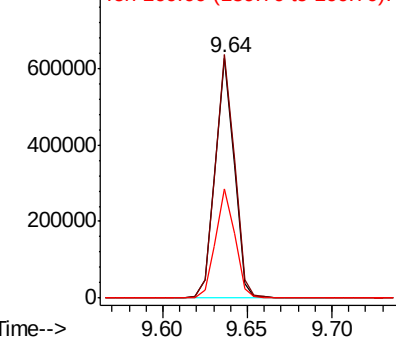


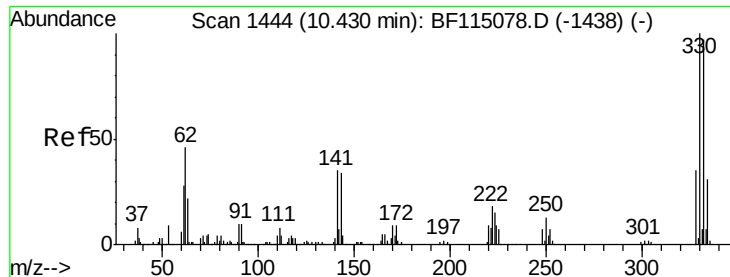
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Tgt Ion	164	Resp	490046
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.7	122.5
160	45.4	37.0	55.4



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

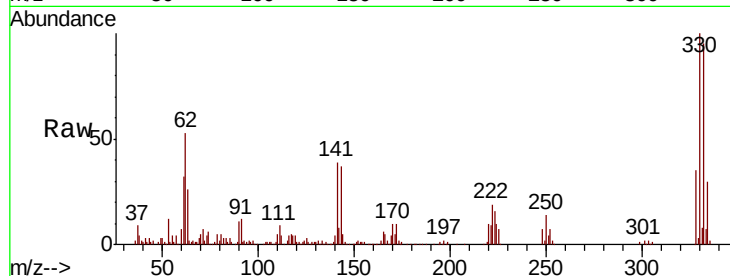




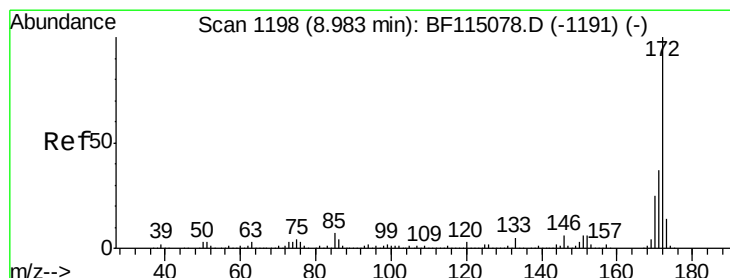
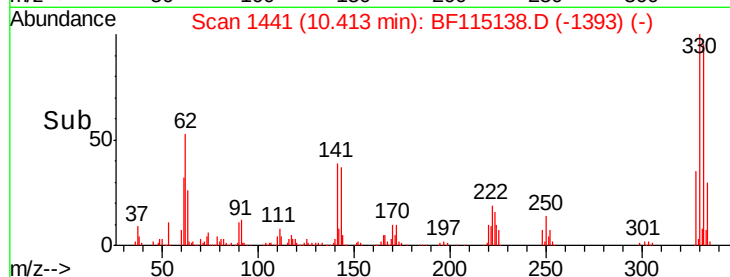
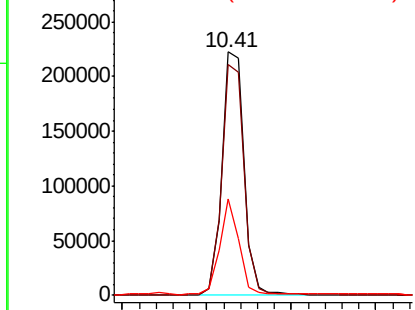
#42
 2,4,6-Tribromophenol
 Concen: 39.488 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Instrument :
 BNA_F
 ClientSampleId :
 30272RE

Tot Ion:330 Resp: 204060
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 33.8 28.2 42.2

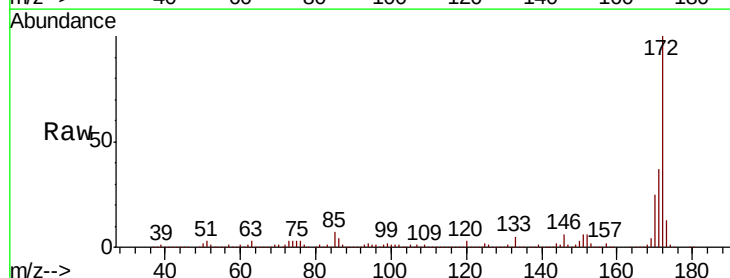


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

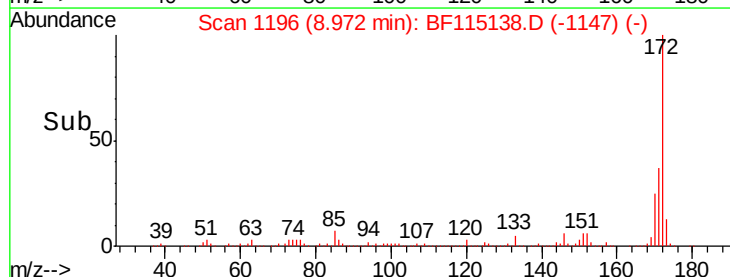
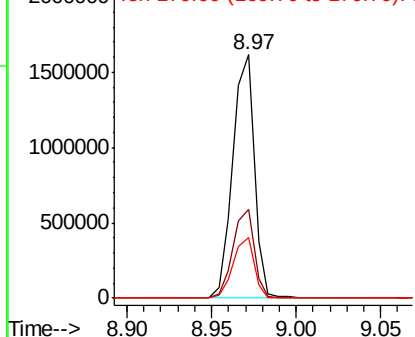


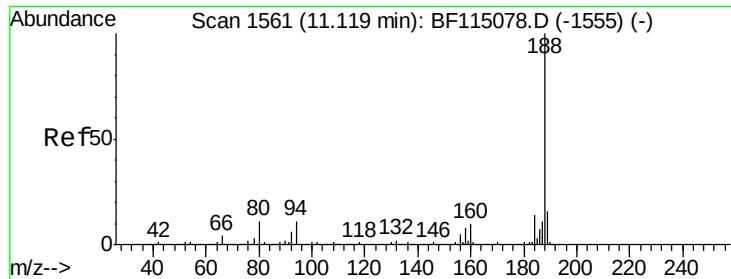
#45
 2-Fluorobiphenyl
 Concen: 49.743 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115138.D
 Acq: 23 Jun 2019 00:49

Tgt Ion:172 Resp: 1435068
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 24.7 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: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Instrument :

BNA_F

ClientSampleId :

30272RE

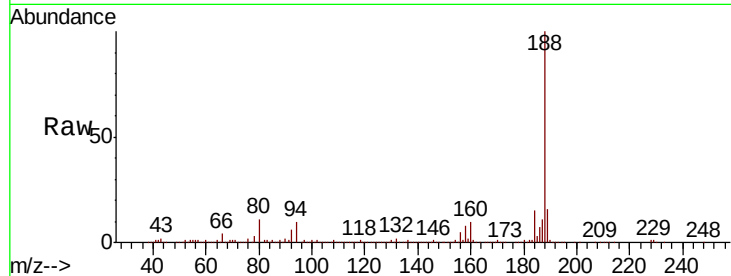
Tot Ion:188 Resp: 845956

Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

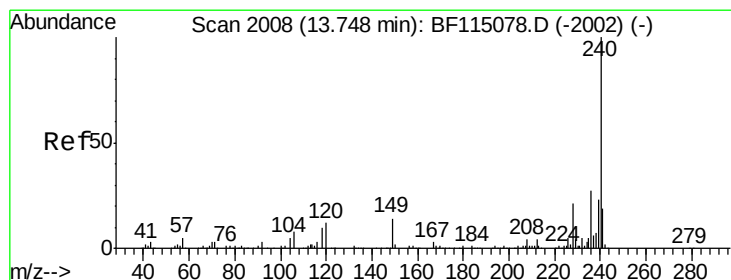
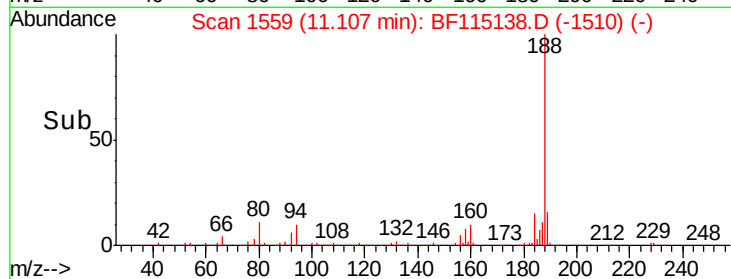
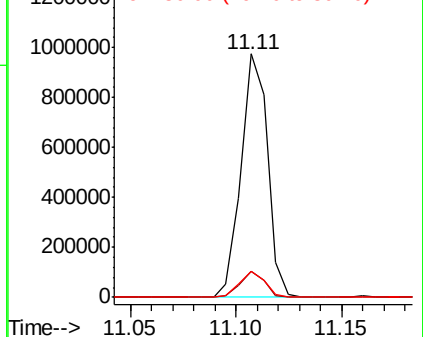
80 10.9 8.8 13.2



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: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

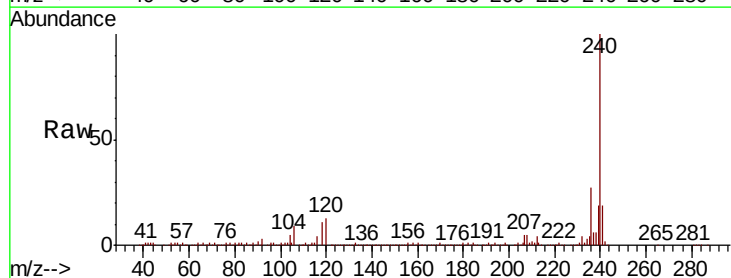
Tgt Ion:240 Resp: 570462

Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

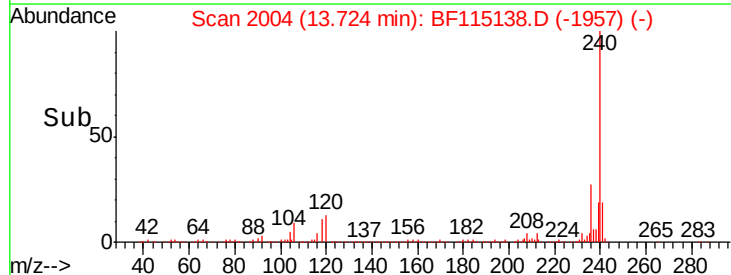
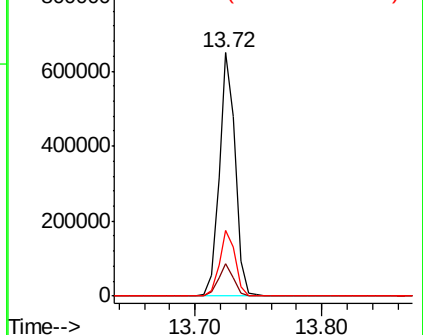
236 26.8 21.7 32.5

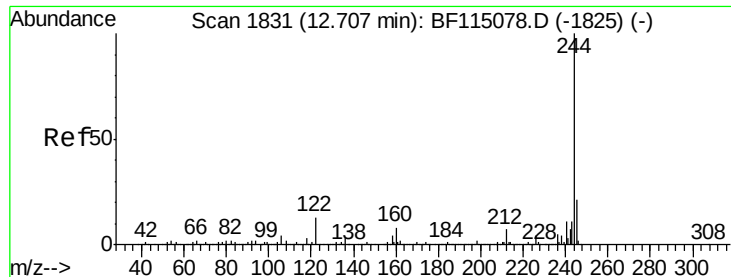


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 38.472 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

Instrument :

BNA_F

ClientSampleId :

30272RE

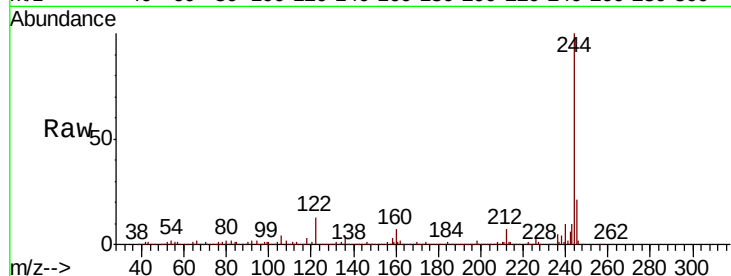
Tot Ion:244 Resp: 1032243

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

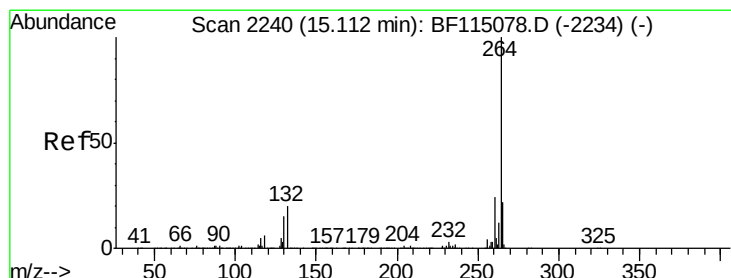
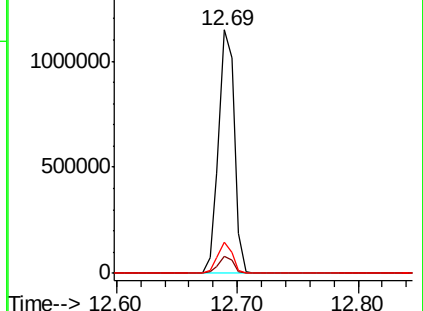
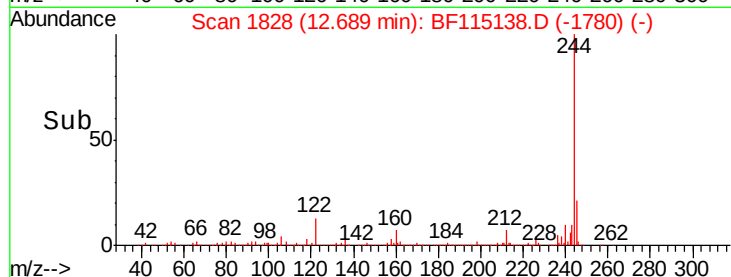
122 12.7 10.4 15.6



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: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115138.D

Acq: 23 Jun 2019 00:49

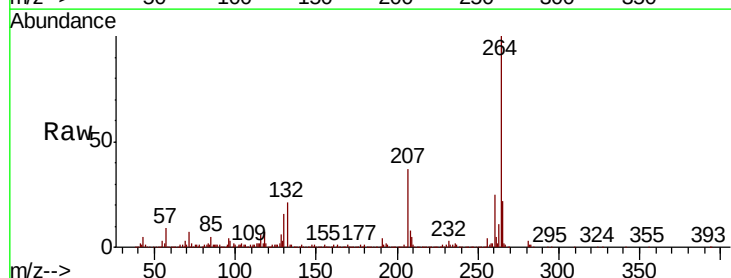
Tgt Ion:264 Resp: 527184

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 22.5 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

