

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115147.D
 Acq On : 24 Jun 2019 13:51
 Operator : HP/JU
 Sample : PB120851BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BL

Quant Time: Jun 25 08:02:03 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	308592	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1173358	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	595071	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1187419	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	917156	20.00	ng	-0.02
87) Perylene-d12	15.09	264	855544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2023883	101.21	ng	0.02
7) Phenol-d6	6.25	99	2511199	103.46	ng	0.00
23) Nitrobenzene-d5	7.17	82	1565602	82.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	735757	117.25	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2884525	82.34	ng	-0.01
79) Terphenyl-d14	12.70	244	3259401	75.56	ng	0.00

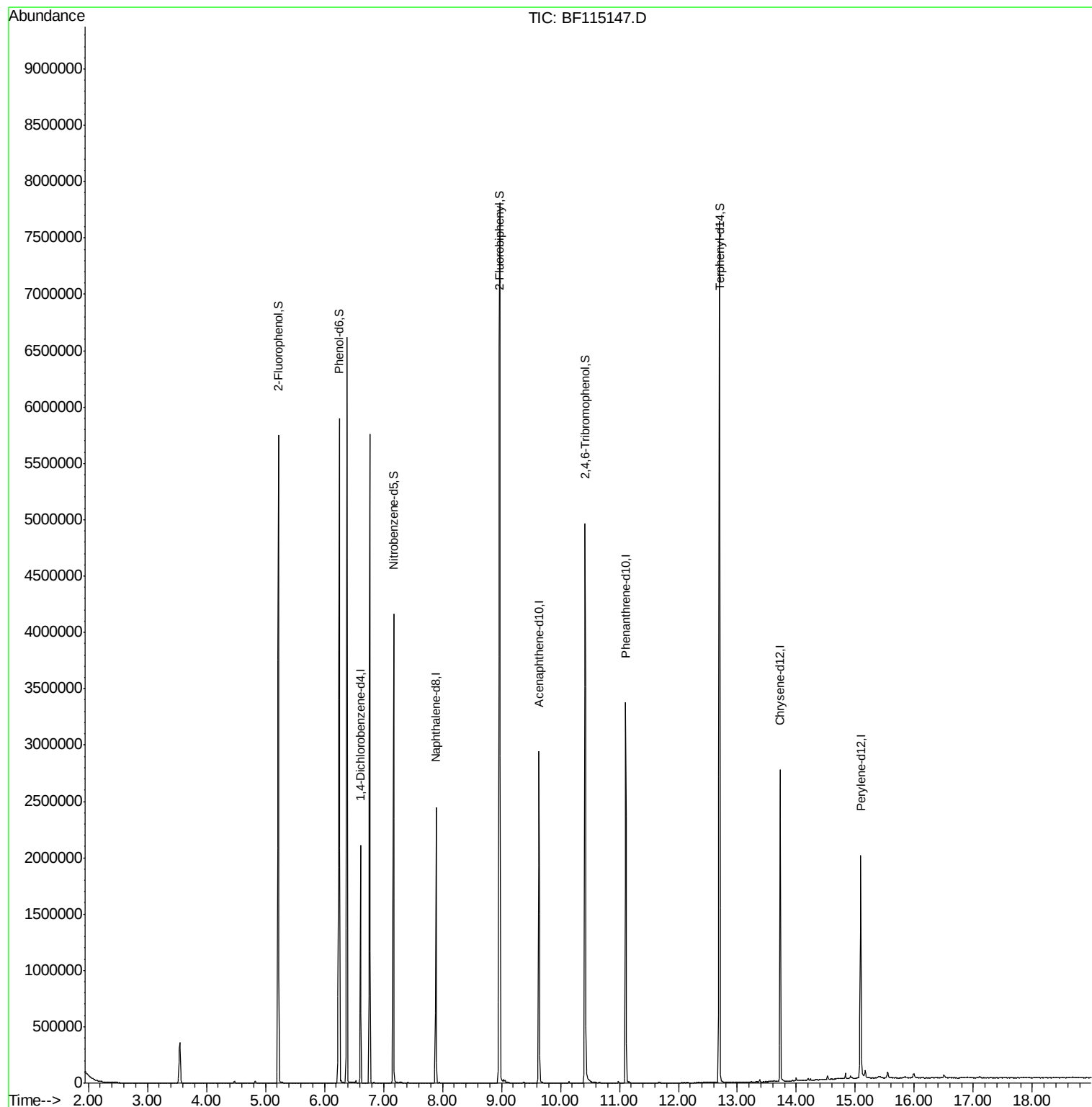
Target Compounds Qvalue

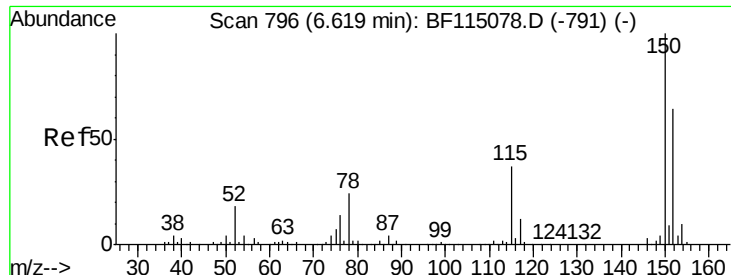
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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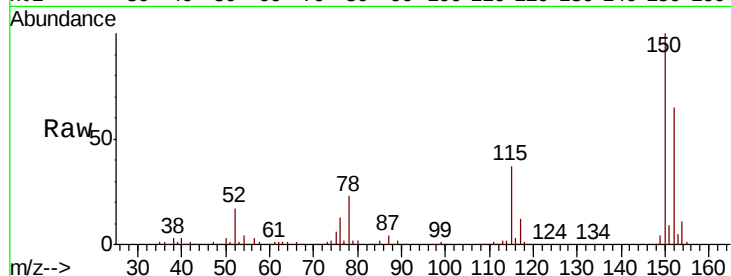


#1

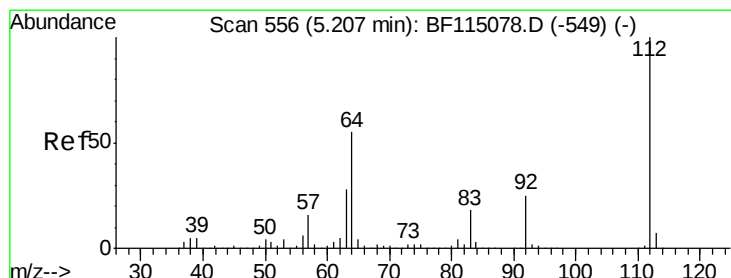
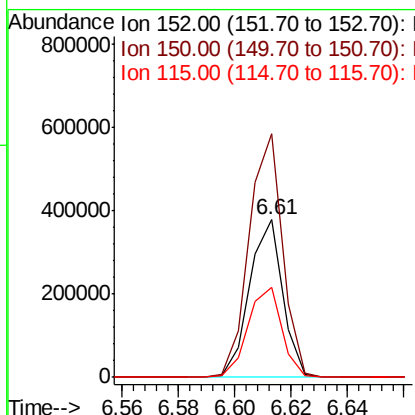
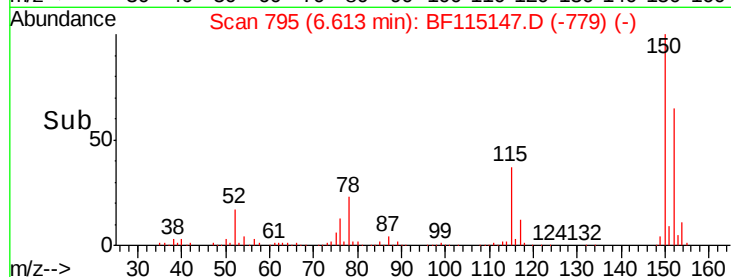
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115147.D
Acq: 24 Jun 2019 13:51

Instrument :
BNA_F
ClientSampleId :
PB120851BL

Tot Ion:152 Resp: 308592
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 57.2 46.1 69.1



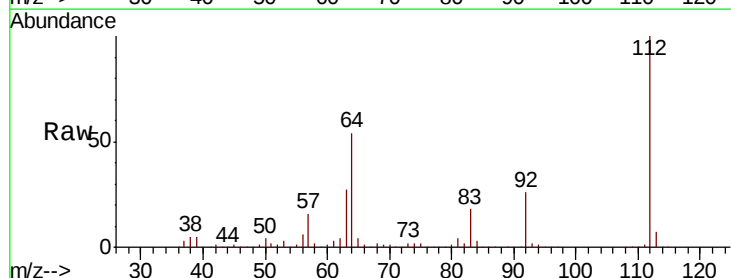
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



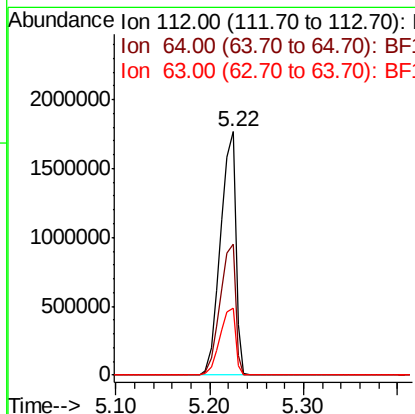
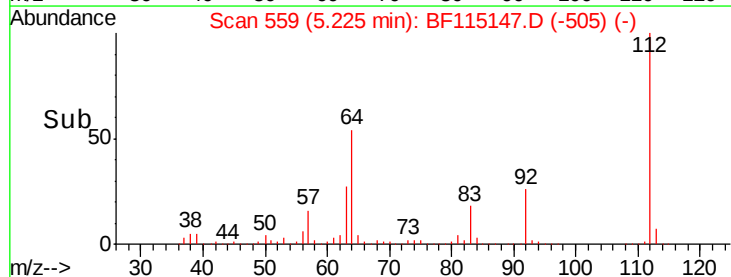
#5

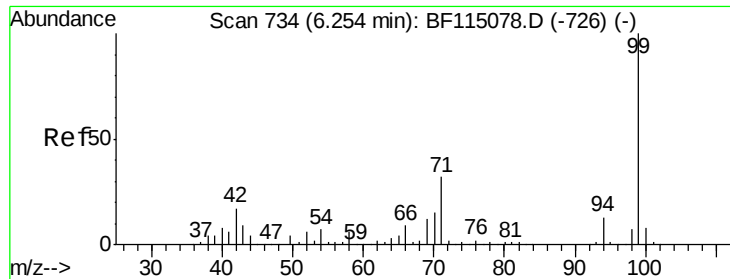
2-Fluorophenol
Concen: 101.208 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF115147.D
Acq: 24 Jun 2019 13:51

Tgt Ion:112 Resp: 2023883
Ion Ratio Lower Upper
112 100
64 53.6 43.8 65.6
63 27.4 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: 103.462 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115147.D

Acq: 24 Jun 2019 13:51

Instrument :

BNA_F

ClientSampled :

PB120851BL

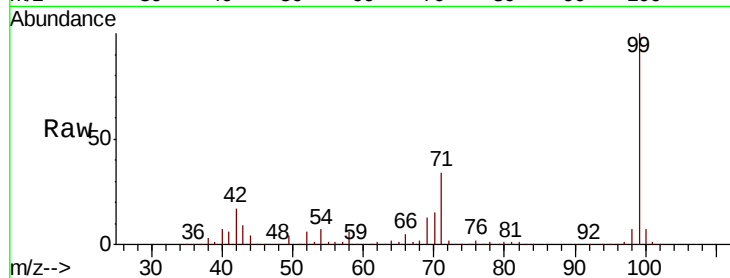
Tot Ion: 99 Resp: 2511199

Ion Ratio Lower Upper

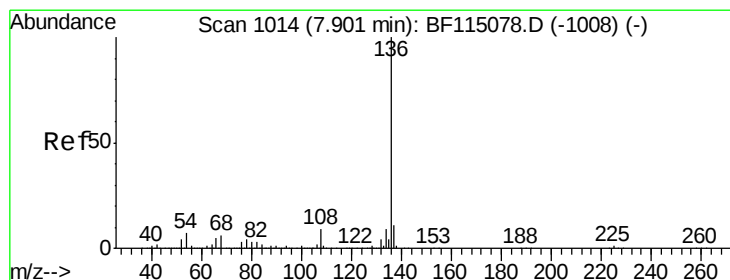
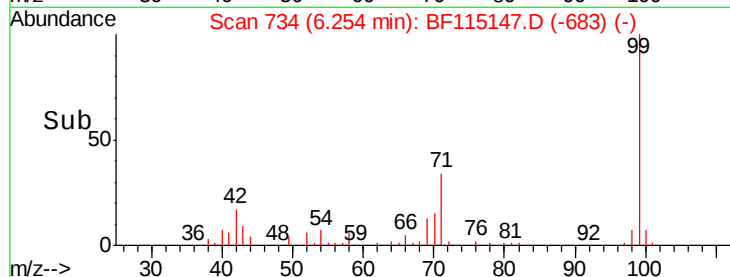
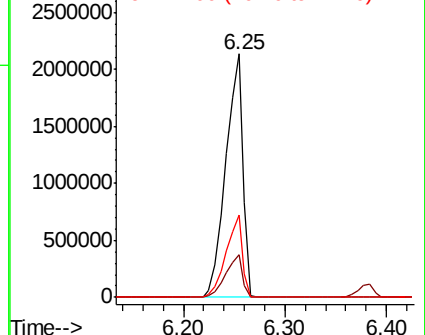
99 100

42 17.4 13.6 20.4

71 33.7 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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115147.D

Acq: 24 Jun 2019 13:51

Tgt Ion:136 Resp: 1173358

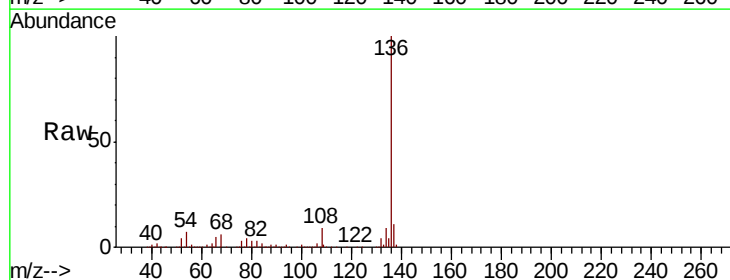
Ion Ratio Lower Upper

136 100

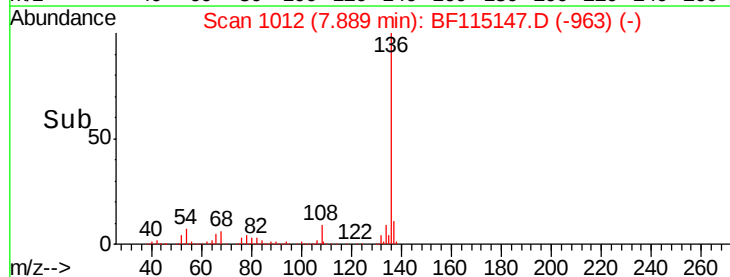
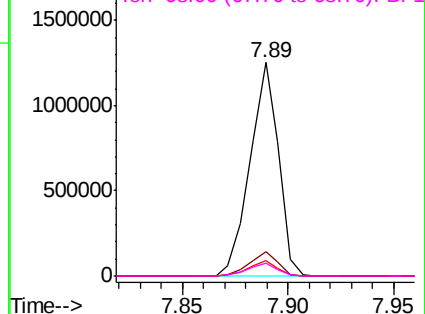
137 11.2 8.9 13.3

54 7.0 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

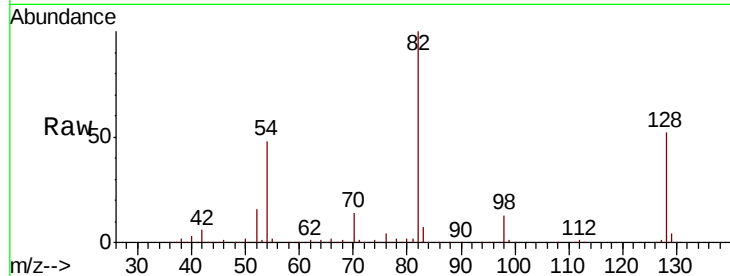




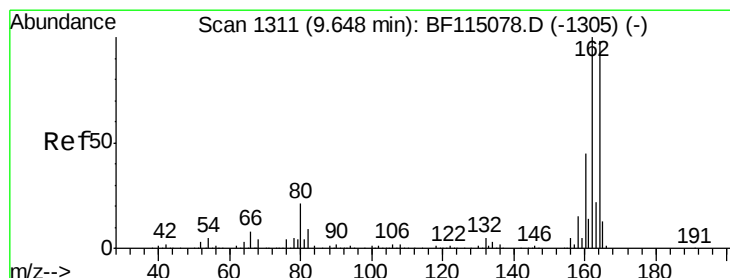
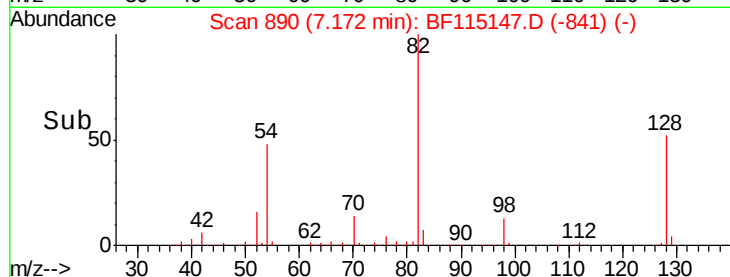
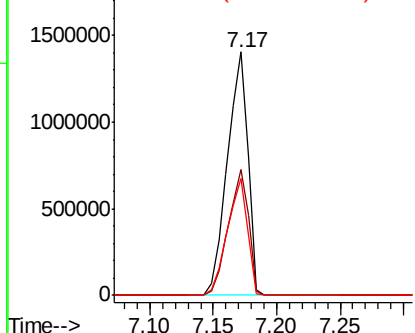
#23
 Nitrobenzene-d5
 Concen: 82.079 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115147.D
 Acq: 24 Jun 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BL

Tot Ion: 82 Resp: 1565602
 Ion Ratio Lower Upper
 82 100
 128 51.8 40.4 60.6
 54 48.2 37.5 56.3

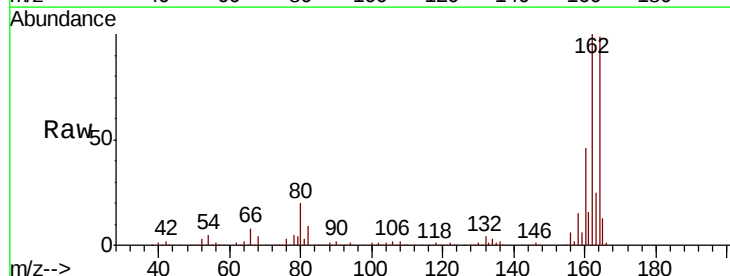


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

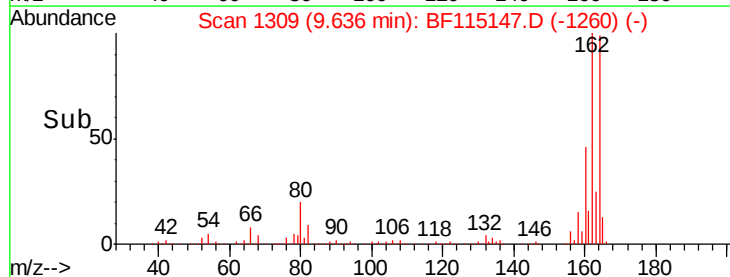
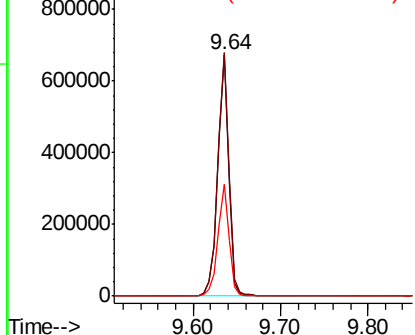


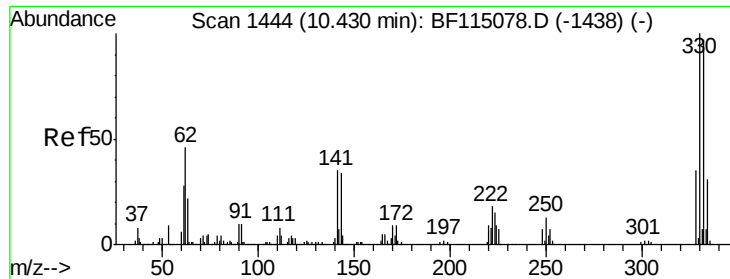
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115147.D
 Acq: 24 Jun 2019 13:51

Tgt Ion:164 Resp: 595071
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.7 122.5
 160 46.2 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

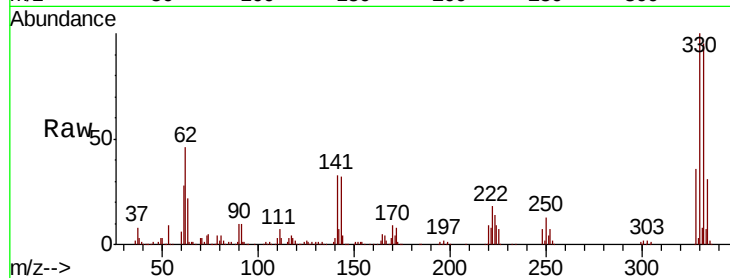




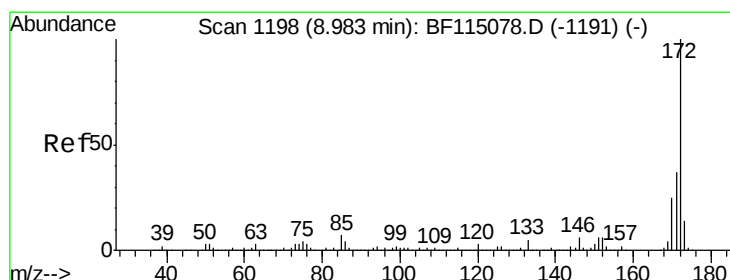
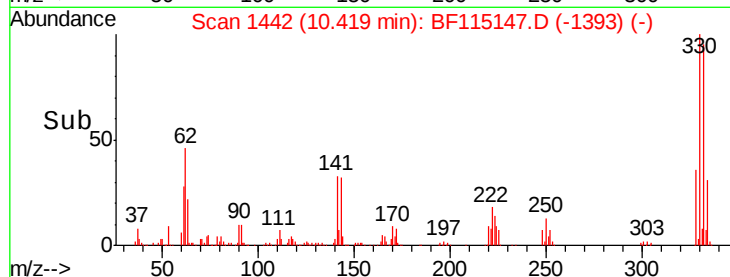
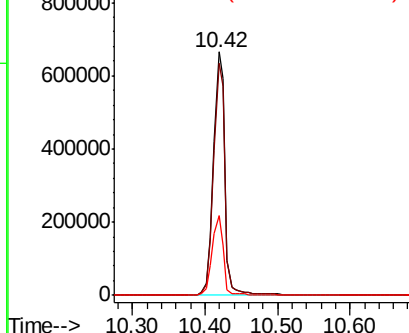
#42
 2,4,6-Tribromophenol
 Concen: 117.248 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115147.D
 Acq: 24 Jun 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120851BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	32.6	28.2	42.2

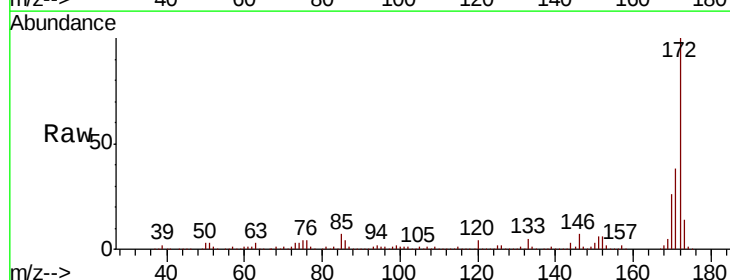


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

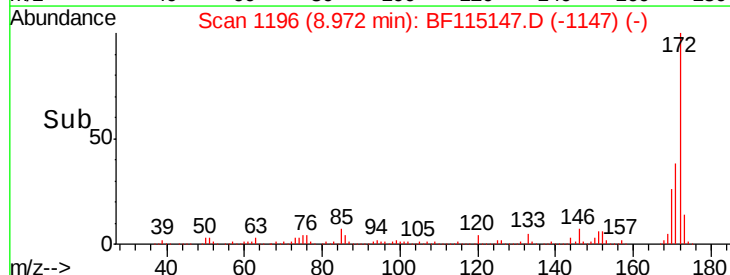
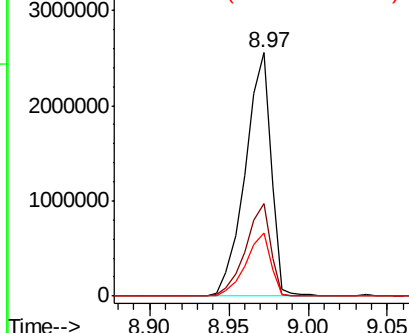


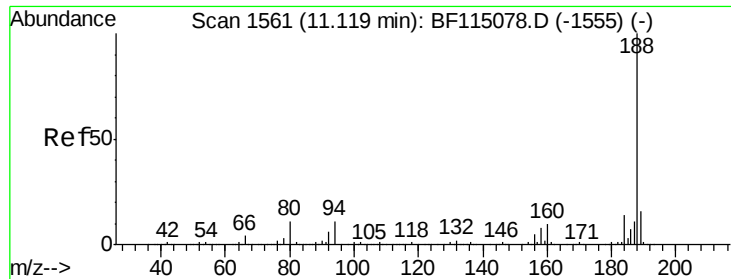
#45
 2-Fluorobiphenyl
 Concen: 82.338 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115147.D
 Acq: 24 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.8	44.6
170	26.0	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: BF115147.D

Acq: 24 Jun 2019 13:51

Instrument :

BNA_F

ClientSampleId :

PB120851BL

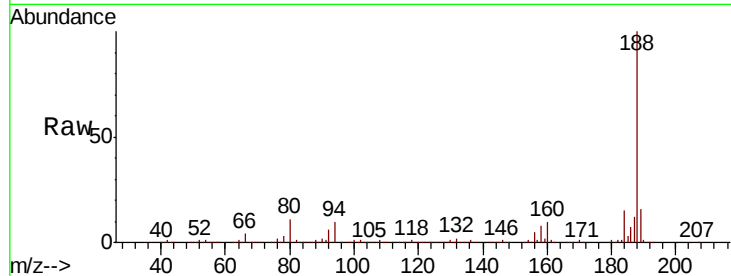
Tot Ion:188 Resp: 1187419

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

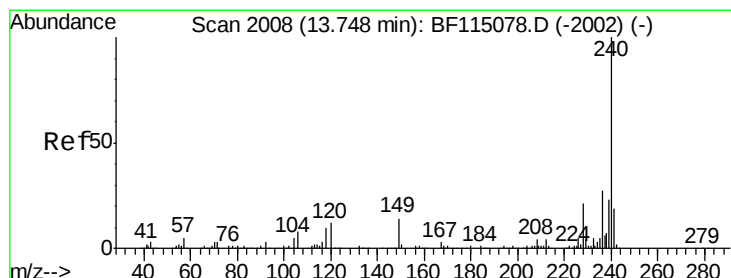
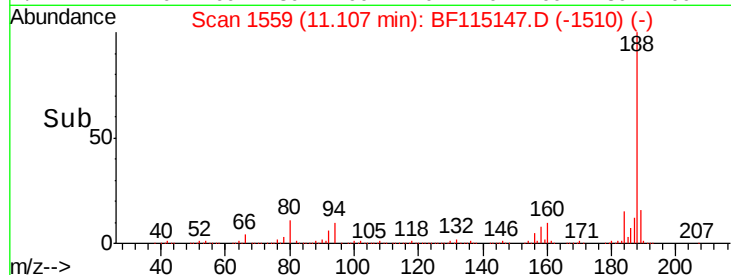
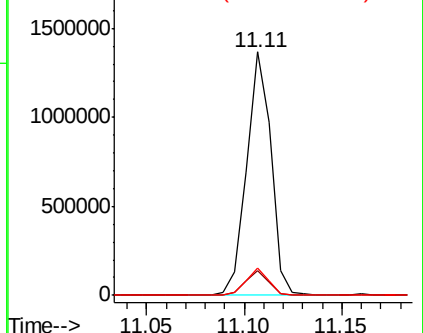
80 11.0 8.8 13.2



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: BF115147.D

Acq: 24 Jun 2019 13:51

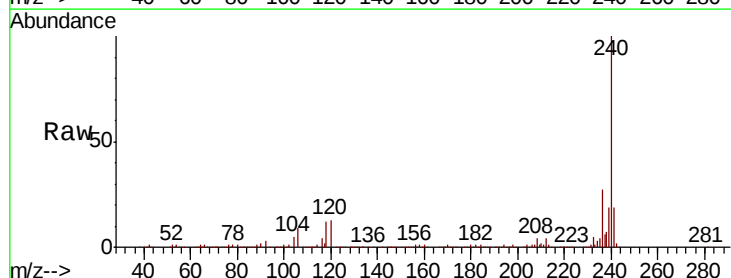
Tgt Ion:240 Resp: 917156

Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

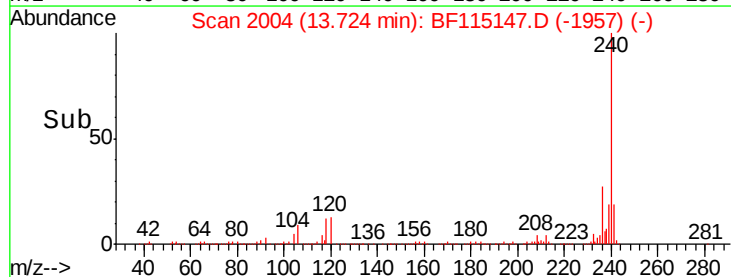
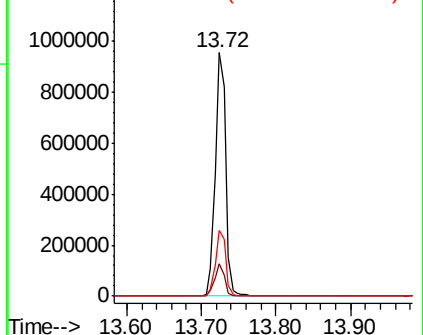
236 27.0 21.7 32.5

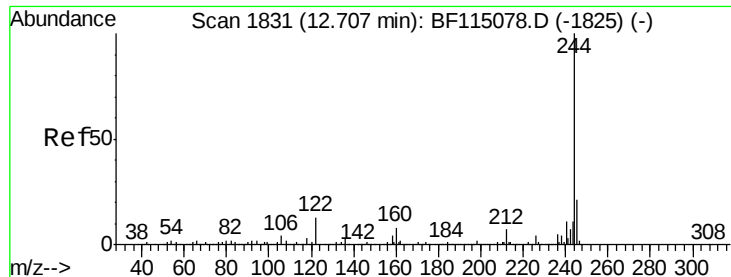


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.560 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115147.D

Acq: 24 Jun 2019 13:51

Instrument :

BNA_F

ClientSampleId :

PB120851BL

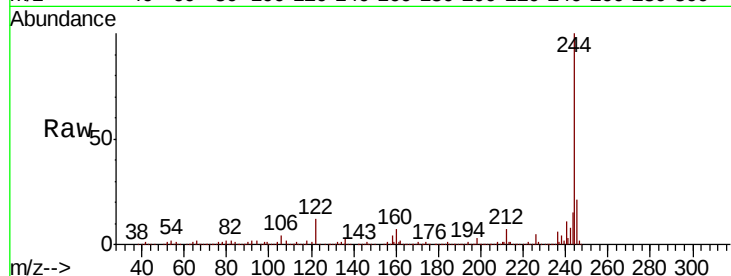
Tot Ion:244 Resp: 3259401

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

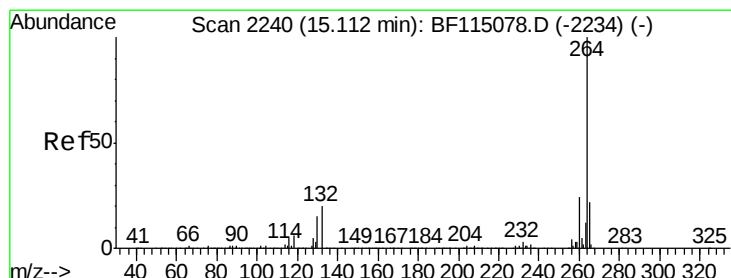
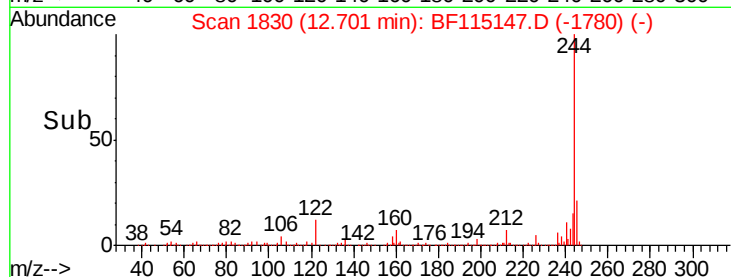
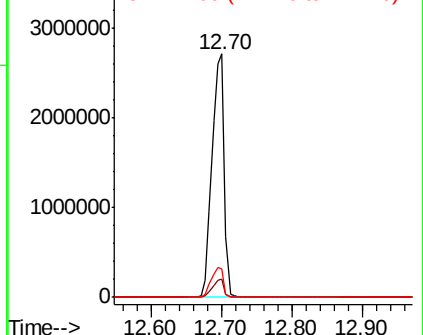
122 11.7 10.4 15.6



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: BF115147.D

Acq: 24 Jun 2019 13:51

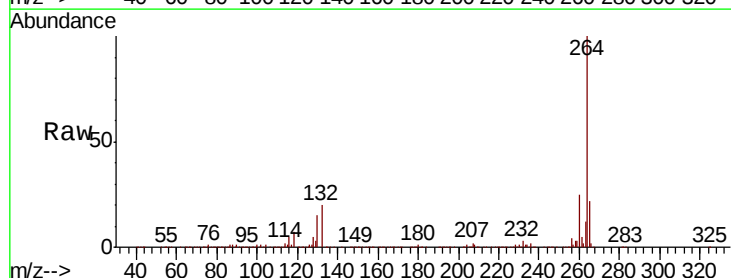
Tgt Ion:264 Resp: 855544

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 21.7 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

