

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115217.D
 Acq On : 26 Jun 2019 14:24
 Operator : HP/JU
 Sample : K3155-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B13

Quant Time: Jun 26 16:16:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 12:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	267045	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	997314	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	497940	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	999851	20.00	ng	0.00
76) Chrysene-d12	13.72	240	830851	20.00	ng	-0.01
87) Perylene-d12	15.09	264	787440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1028711	59.45	ng	0.00
7) Phenol-d6	6.24	99	833750	39.69	ng	-0.01
23) Nitrobenzene-d5	7.17	82	1501858	92.64	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	713966	135.97	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2700309	92.12	ng	0.00
79) Terphenyl-d14	12.69	244	3228113	82.61	ng	0.00

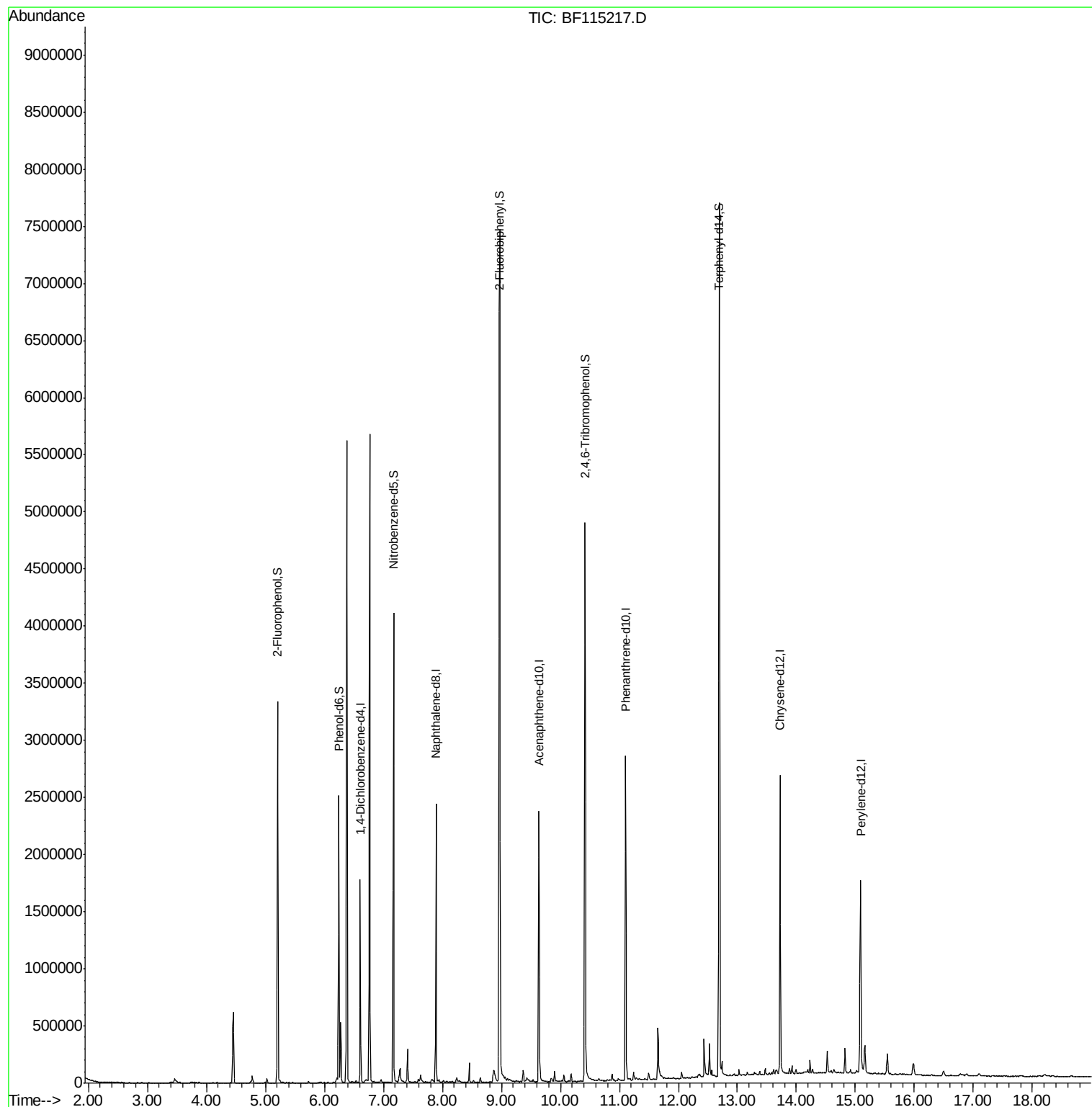
Target Compounds Qvalue

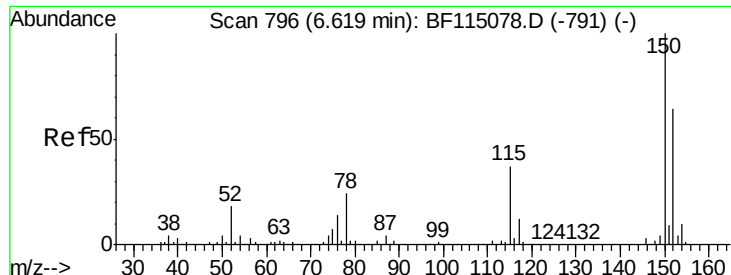
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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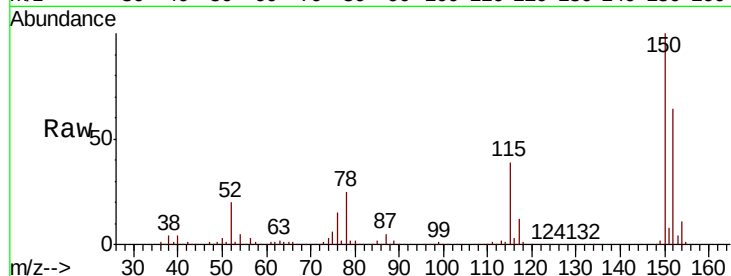


#1

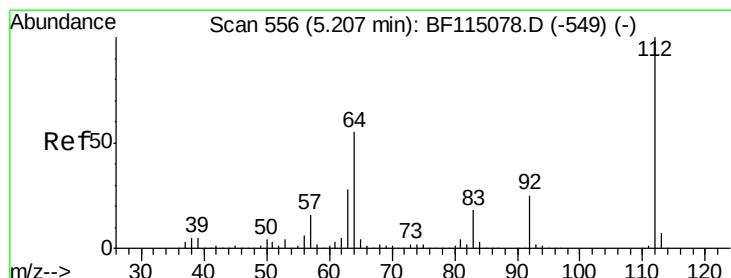
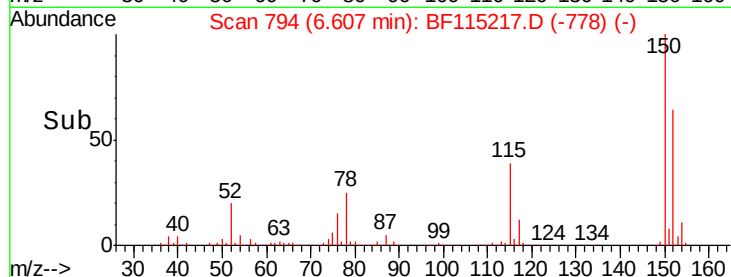
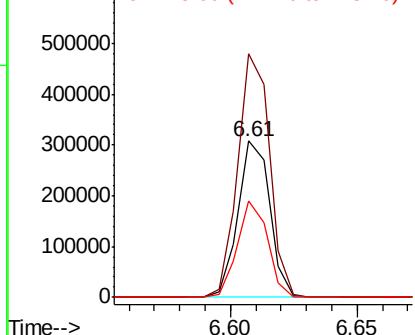
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF115217.D
 Acq: 26 Jun 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B13

Tot Ion:152 Resp: 267045
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.6 184.0
 115 61.5 46.2 69.4



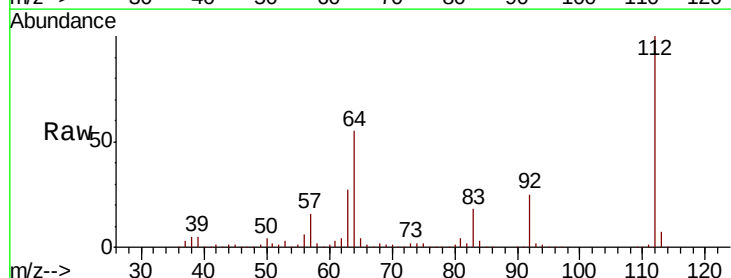
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



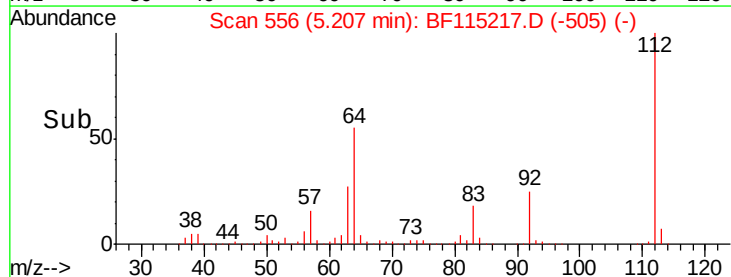
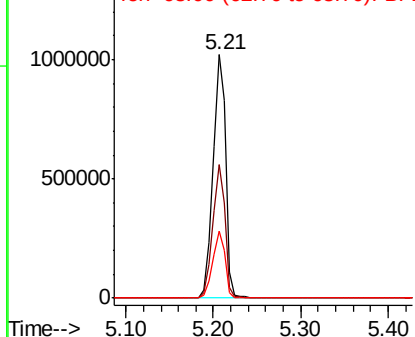
#5

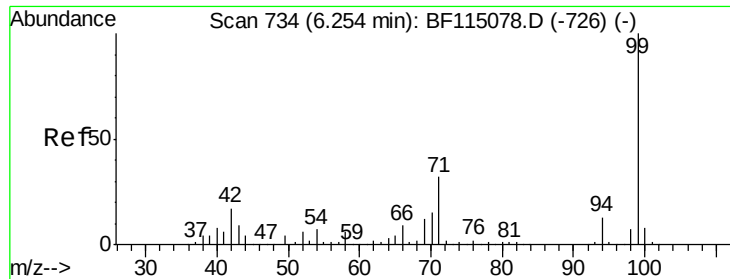
2-Fluorophenol
 Concen: 59.446 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF115217.D
 Acq: 26 Jun 2019 14:24

Tgt Ion:112 Resp: 1028711
 Ion Ratio Lower Upper
 112 100
 64 54.6 42.2 63.4
 63 27.4 21.6 32.4



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: 39.695 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115217.D

Acq: 26 Jun 2019 14:24

Instrument :

BNA_F

ClientSampleId :

BAT-B13

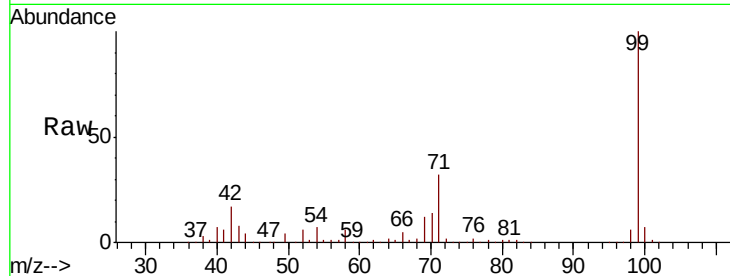
Tot Ion: 99 Resp: 833750

Ion Ratio Lower Upper

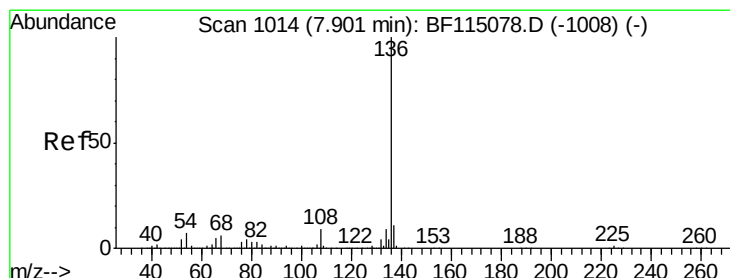
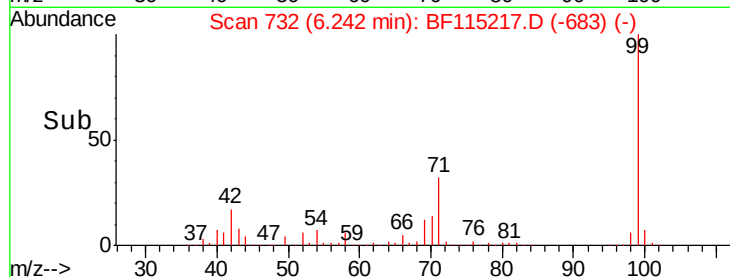
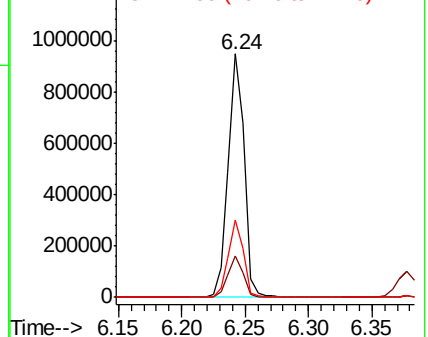
99 100

42 16.8 13.5 20.3

71 31.7 25.6 38.4



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: BF115217.D

Acq: 26 Jun 2019 14:24

Tgt Ion: 136 Resp: 997314

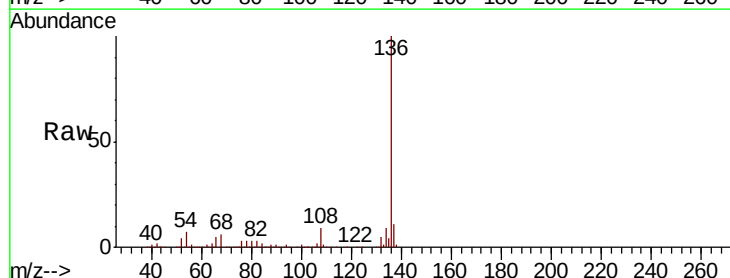
Ion Ratio Lower Upper

136 100

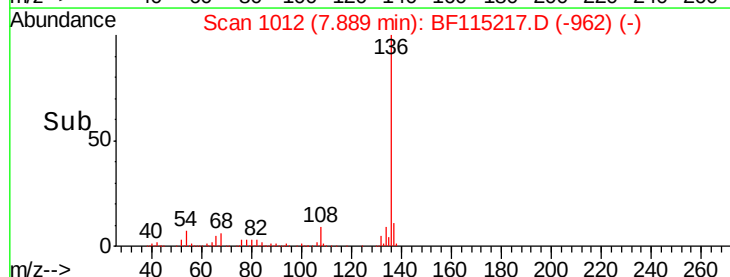
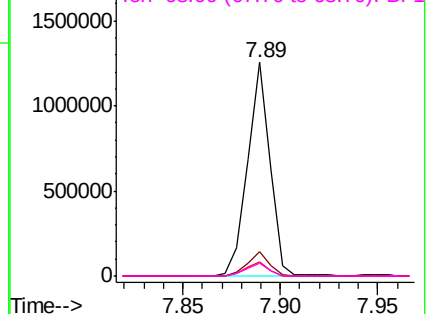
137 11.2 9.0 13.6

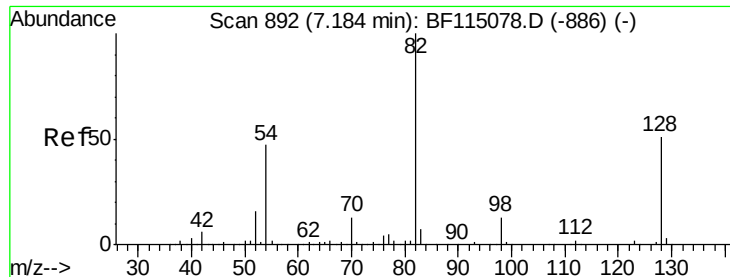
54 6.8 5.5 8.3

68 5.8 4.7 7.1



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



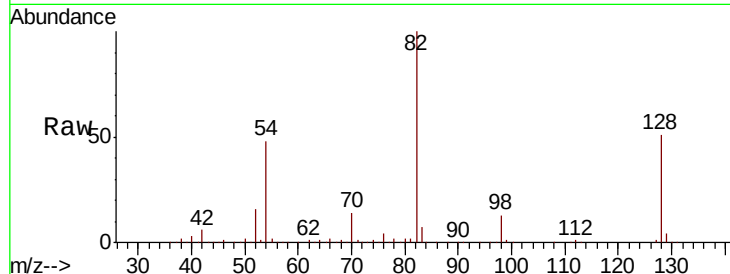


#23
 Nitrobenzene-d5
 Concen: 92.636 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115217.D
 Acq: 26 Jun 2019 14:24

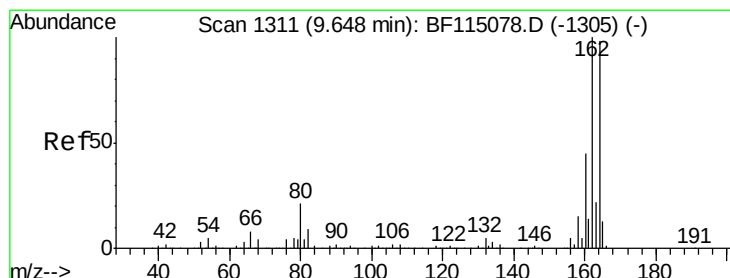
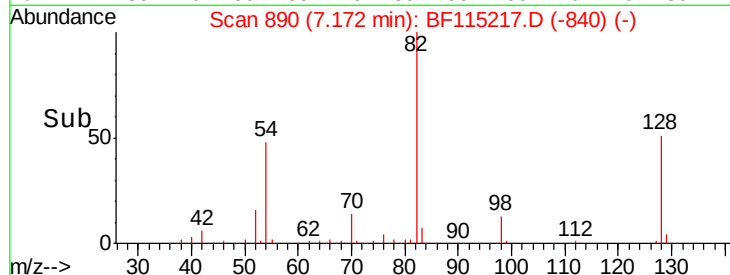
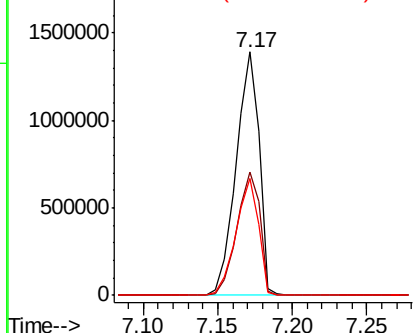
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B13

Tot Ion: 82 Resp: 1501858

Ion	Ratio	Lower	Upper
82	100		
128	50.7	41.0	61.4
54	48.2	38.2	57.4



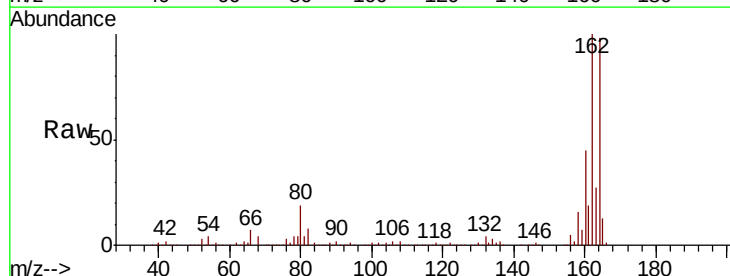
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



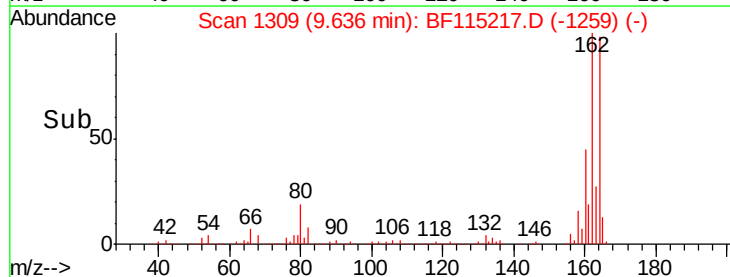
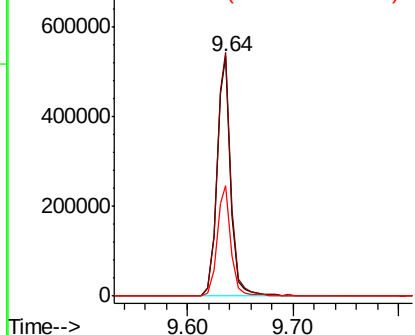
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115217.D
 Acq: 26 Jun 2019 14:24

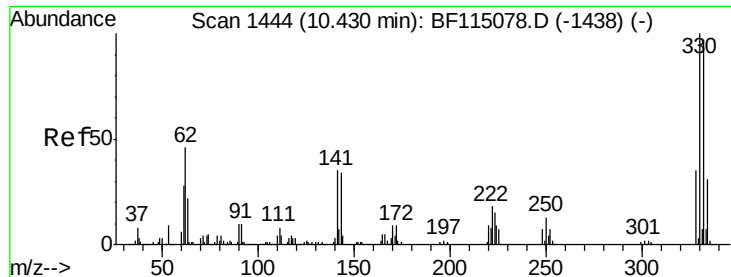
Tgt Ion:164 Resp: 497940

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.7	122.5
160	46.2	36.8	55.2



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

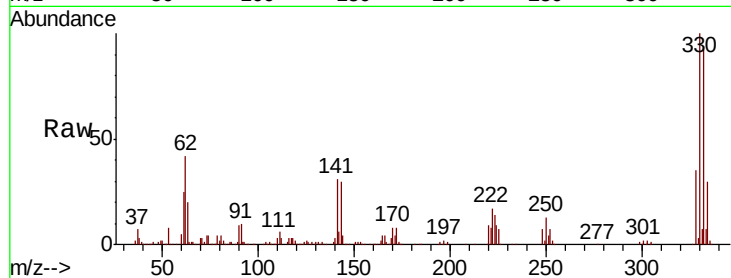




#42
 2,4,6-Tribromophenol
 Concen: 135.969 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115217.D
 Acq: 26 Jun 2019 14:24

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B13

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.3	114.5
141	31.8	25.9	38.9

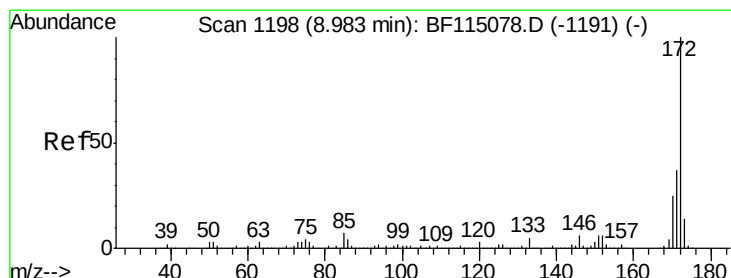
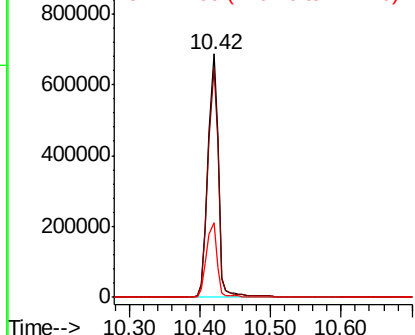
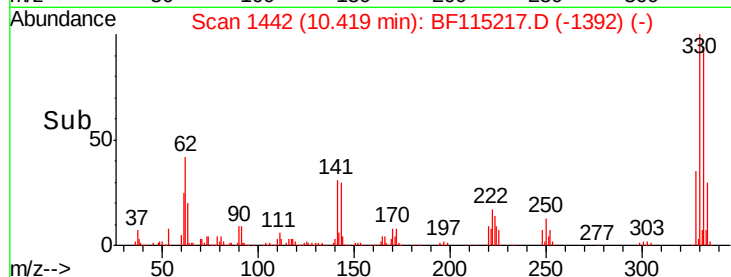


Abundance

Ion 329.80 (329.50 to 330.50): E

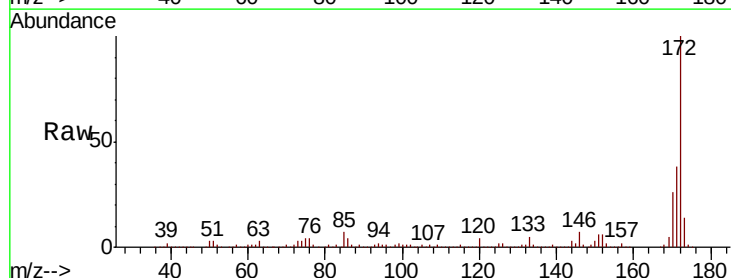
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.116 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115217.D
 Acq: 26 Jun 2019 14:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.2	45.2
170	25.9	21.0	31.4

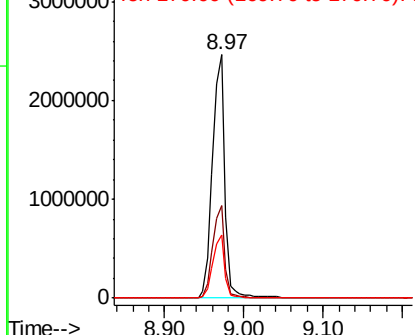
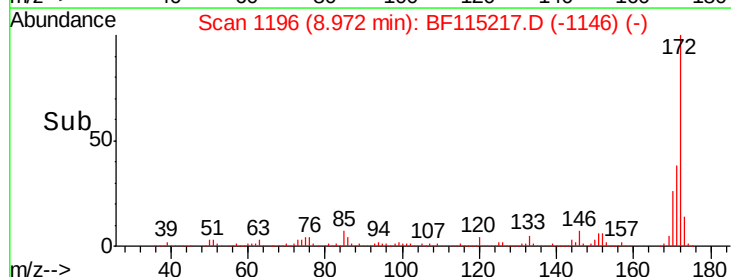


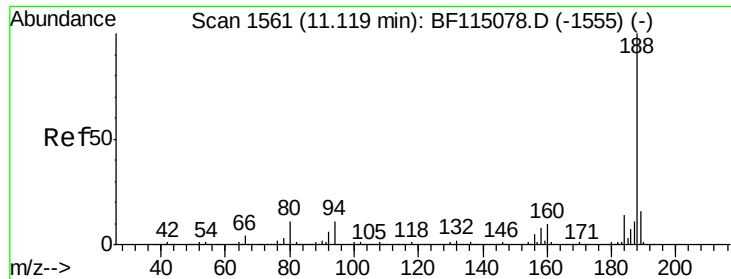
Abundance

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: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115217.D

Acq: 26 Jun 2019 14:24

Instrument :

BNA_F

ClientSampleId :

BAT-B13

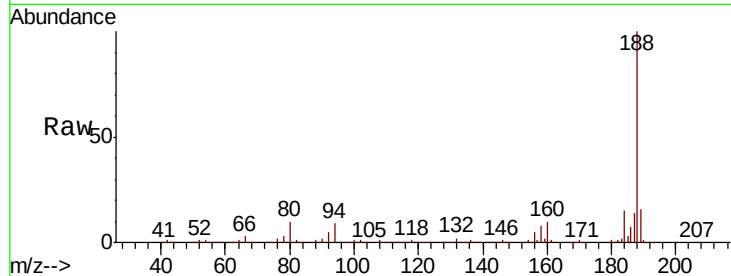
Tot Ion:188 Resp: 999851

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

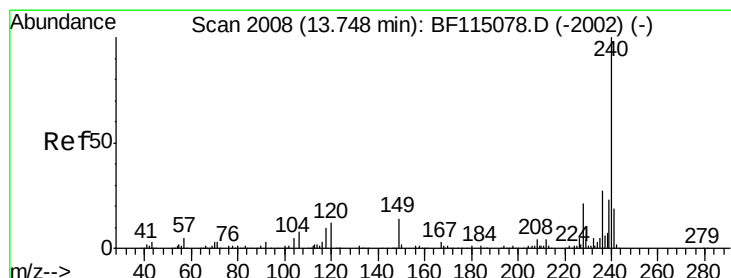
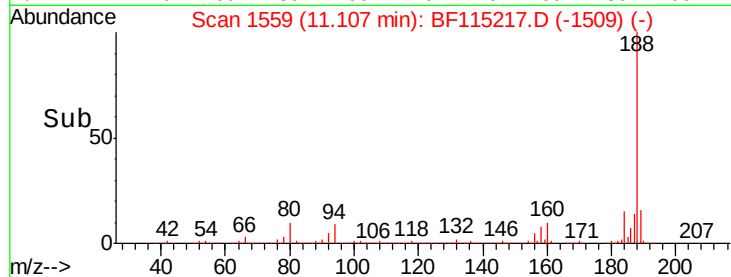
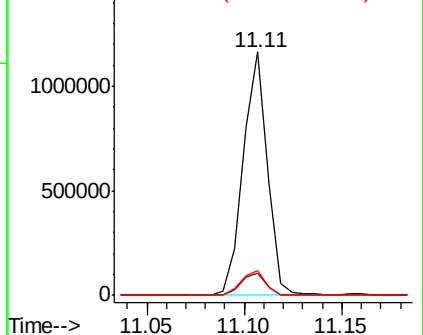
80 9.9 7.8 11.8



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. -0.01 min

Lab File: BF115217.D

Acq: 26 Jun 2019 14:24

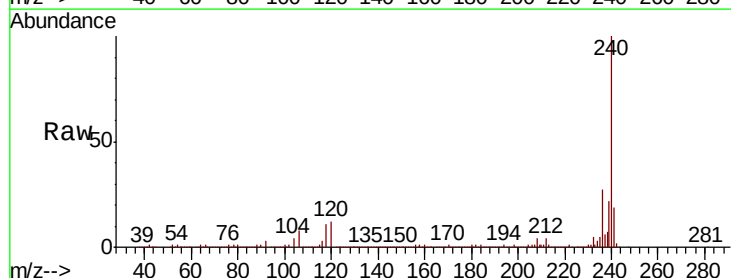
Tgt Ion:240 Resp: 830851

Ion Ratio Lower Upper

240 100

120 12.0 8.6 13.0

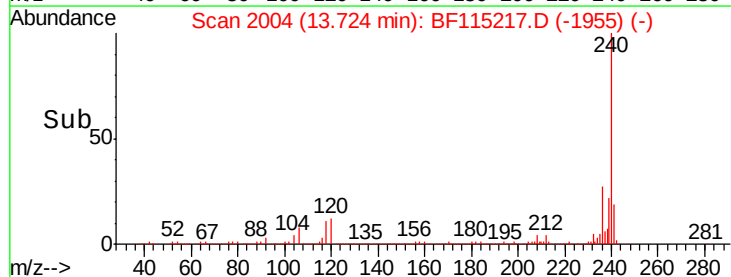
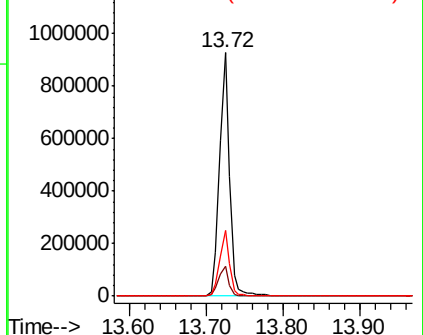
236 26.8 21.8 32.6

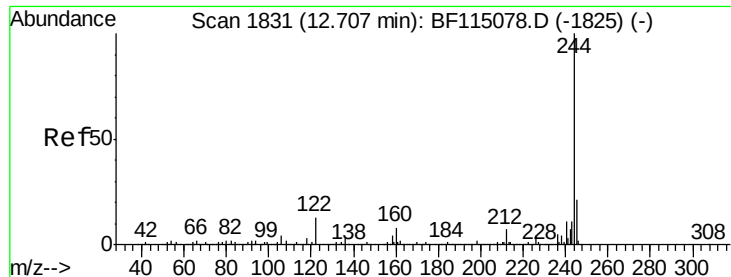


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.608 ng

RT: 12.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF115217.D

Acq: 26 Jun 2019 14:24

Instrument :

BNA_F

ClientSampleId :

BAT-B13

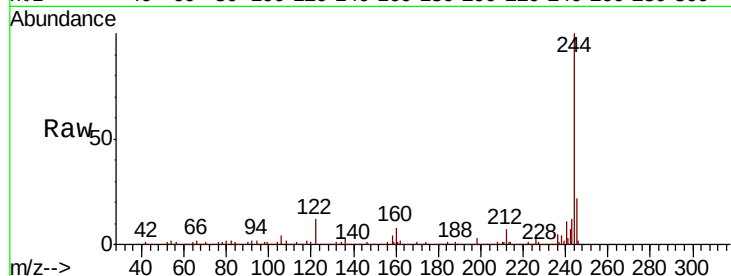
Tot Ion:244 Resp: 3228113

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

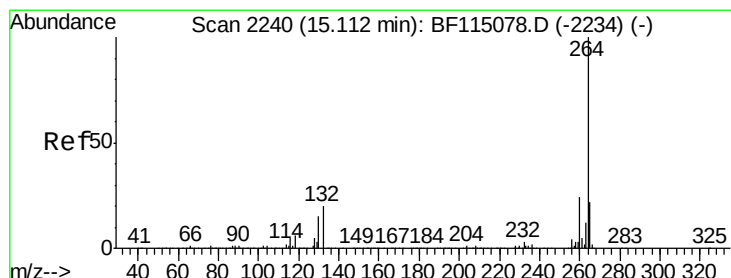
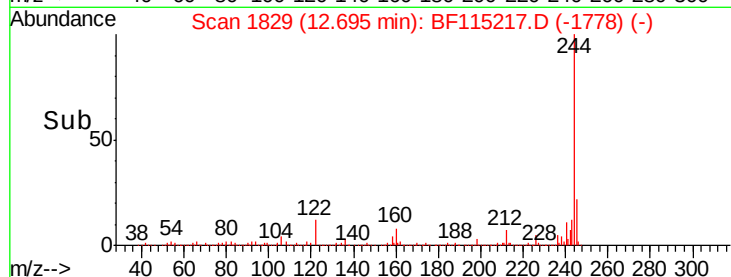
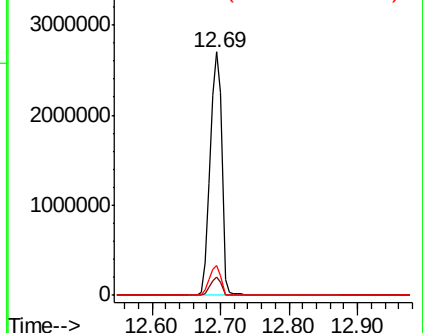
122 12.1 10.0 15.0



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. -0.01 min

Lab File: BF115217.D

Acq: 26 Jun 2019 14:24

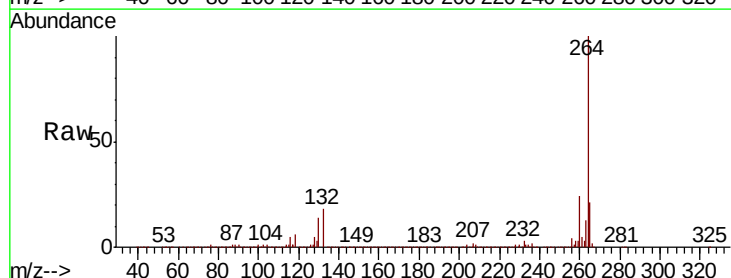
Tgt Ion:264 Resp: 787440

Ion Ratio Lower Upper

264 100

260 24.1 20.0 30.0

265 21.5 17.5 26.3



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

