

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115216.D
 Acq On : 26 Jun 2019 13:57
 Operator : HP/JU
 Sample : K3164-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B05

Quant Time: Jun 26 16:14:08 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	259106	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	952422	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	475747	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	940346	20.00	ng	0.00
76) Chrysene-d12	13.72	240	764842	20.00	ng	-0.01
87) Perylene-d12	15.09	264	712720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1080123	64.33	ng	0.00
7) Phenol-d6	6.24	99	897075	44.02	ng	-0.01
23) Nitrobenzene-d5	7.17	82	1528263	98.71	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	747235	148.94	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2767255	98.80	ng	0.00
79) Terphenyl-d14	12.70	244	3077786	85.56	ng	0.00

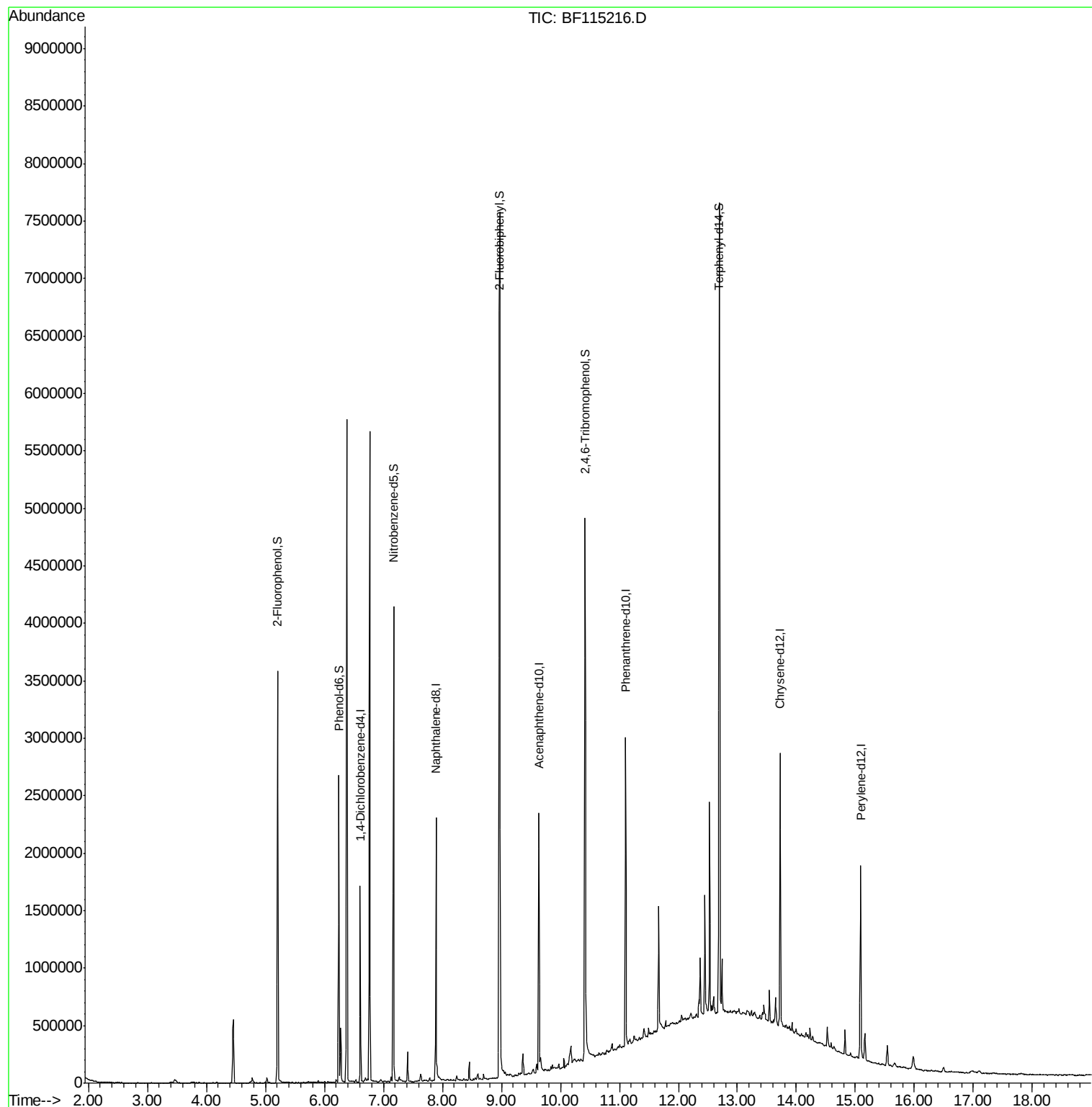
Target Compounds Qvalue

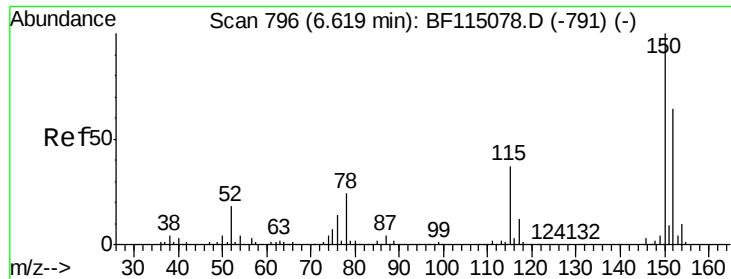
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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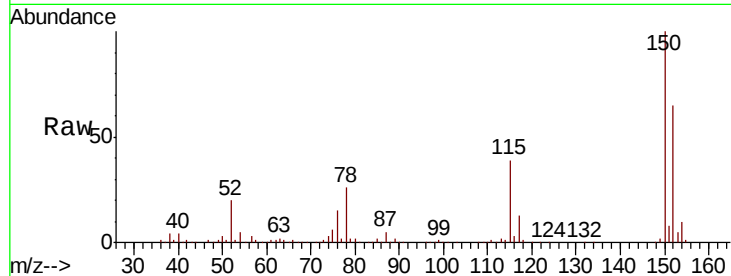


#1

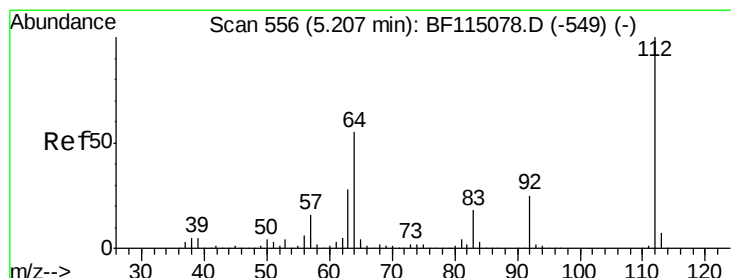
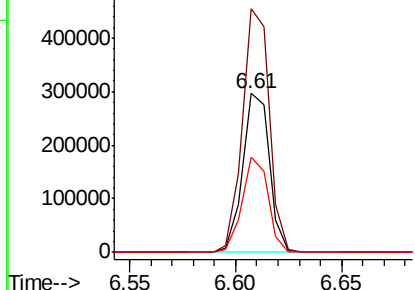
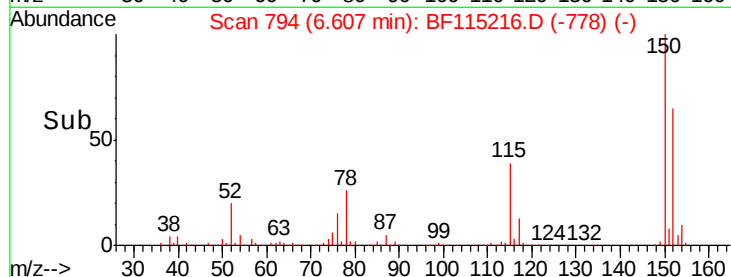
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115216.D
Acq: 26 Jun 2019 13:57

Instrument :
BNA_F
ClientSampleId :
BAT-B05

Tot Ion:152 Resp: 259106
Ion Ratio Lower Upper
152 100
150 153.6 122.6 184.0
115 60.3 46.2 69.4



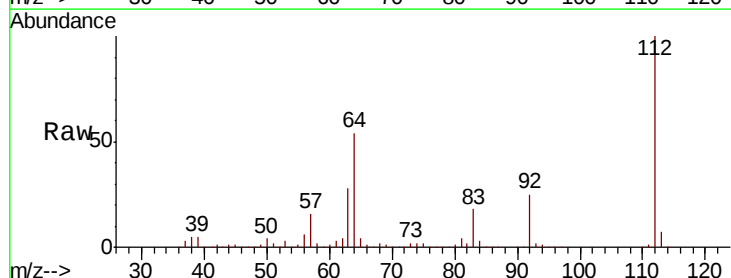
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



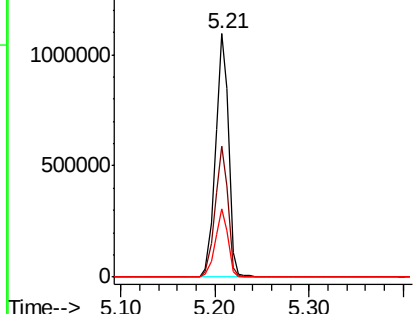
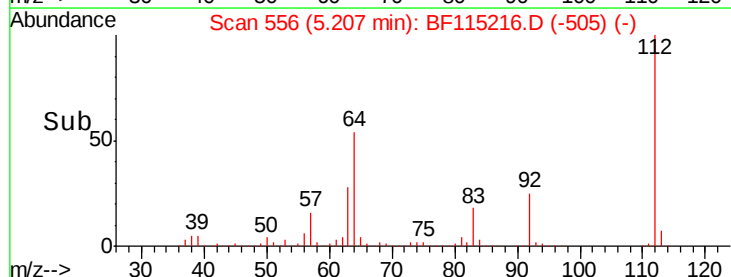
#5

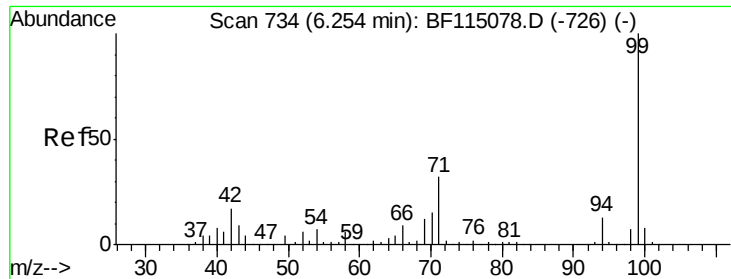
2-Fluorophenol
Concen: 64.329 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF115216.D
Acq: 26 Jun 2019 13:57

Tgt Ion:112 Resp: 1080123
Ion Ratio Lower Upper
112 100
64 54.0 42.2 63.4
63 27.9 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: 44.018 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115216.D

Acq: 26 Jun 2019 13:57

Instrument :

BNA_F

ClientSampled :

BAT-B05

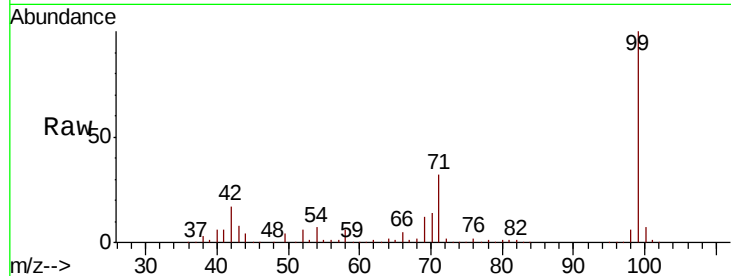
Tot Ion: 99 Resp: 897075

Ion Ratio Lower Upper

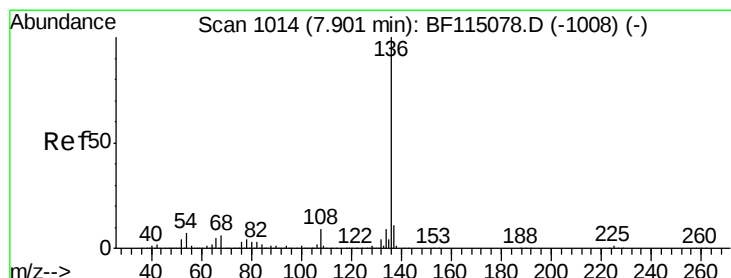
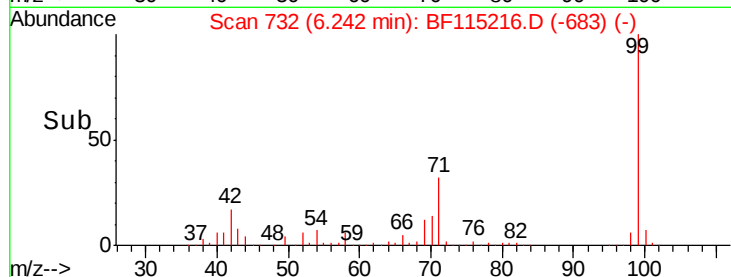
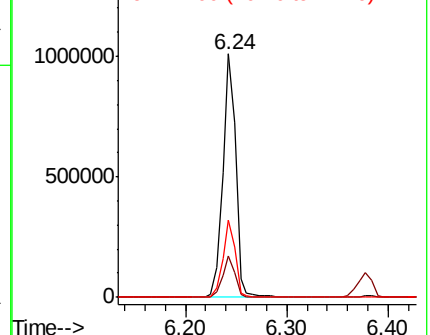
99 100

42 17.0 13.5 20.3

71 31.5 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: BF115216.D

Acq: 26 Jun 2019 13:57

Tgt Ion: 136 Resp: 952422

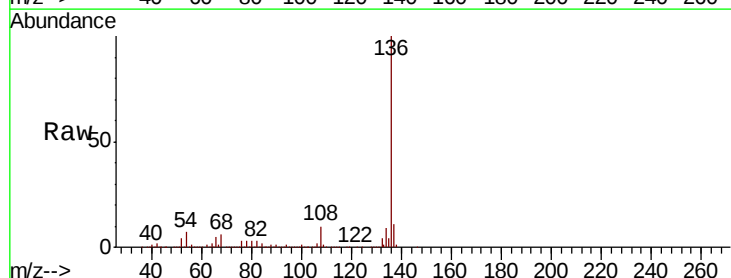
Ion Ratio Lower Upper

136 100

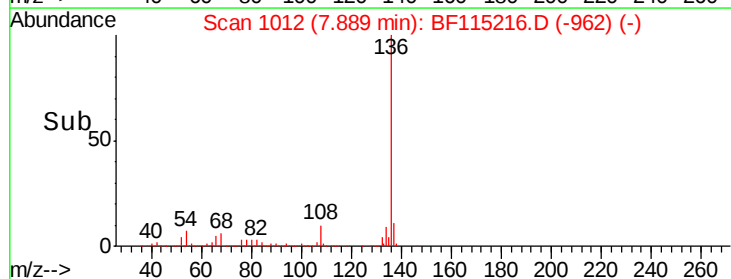
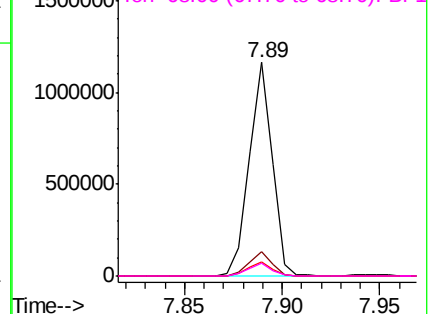
137 11.2 9.0 13.6

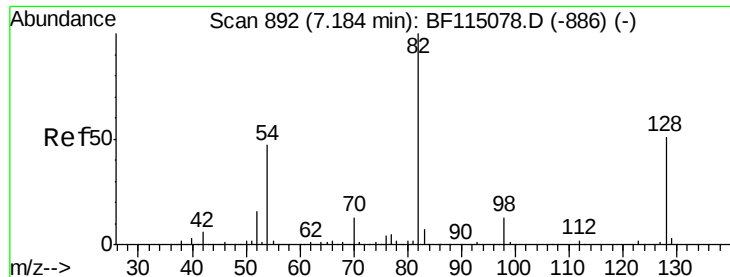
54 6.9 5.5 8.3

68 6.0 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

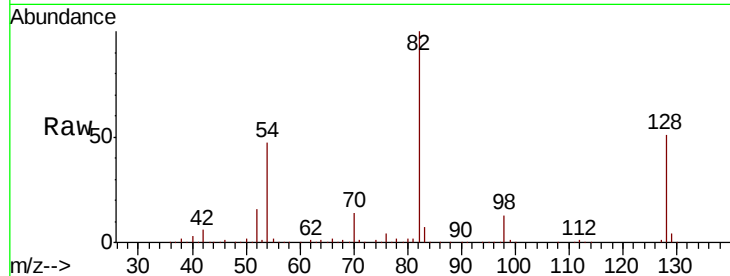




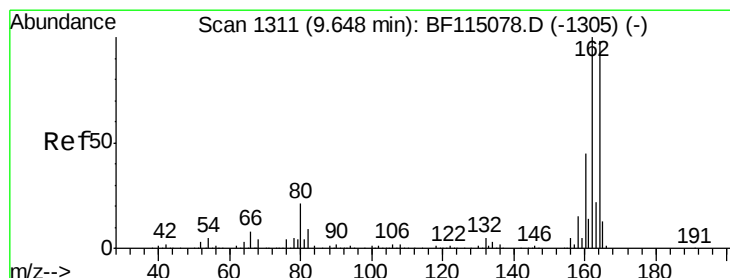
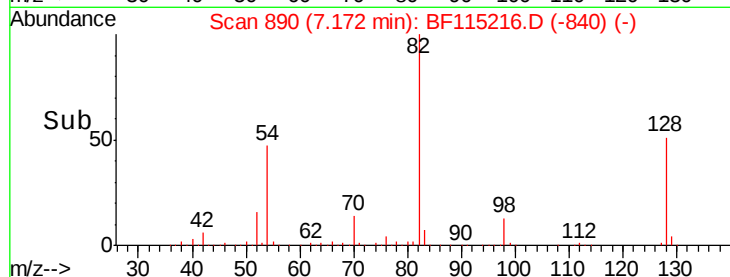
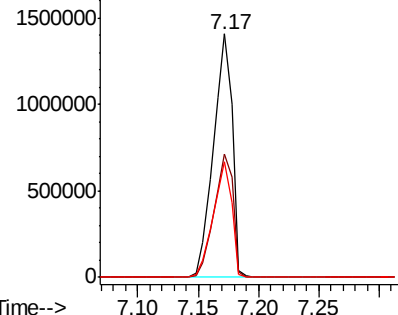
#23
Nitrobenzene-d5
Concen: 98.708 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115216.D
Acq: 26 Jun 2019 13:57

Instrument :
BNA_F
ClientSampleId :
BAT-B05

Tot Ion: 82 Resp: 1528263
Ion Ratio Lower Upper
82 100
128 50.7 41.0 61.4
54 47.4 38.2 57.4

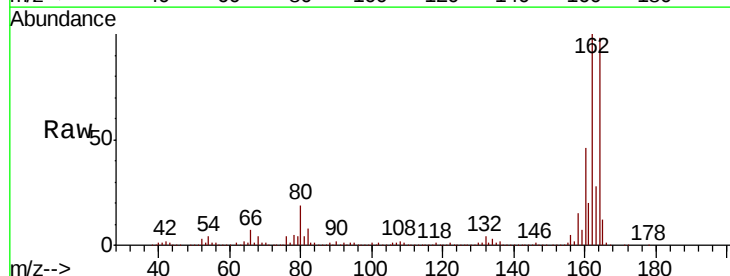


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

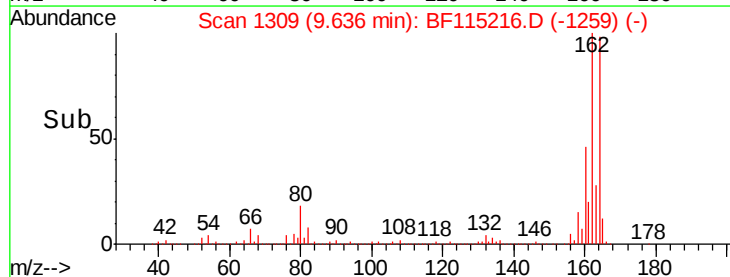
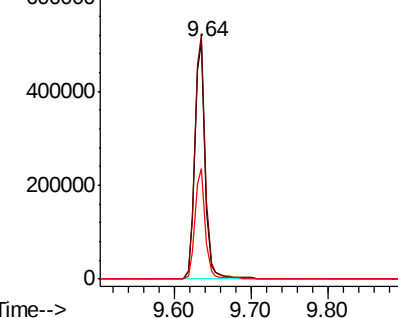


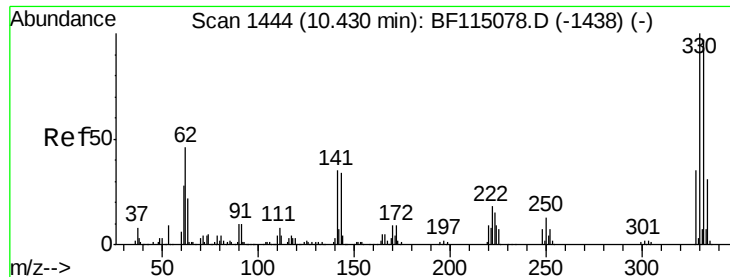
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115216.D
Acq: 26 Jun 2019 13:57

Tgt Ion:164 Resp: 475747
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 46.6 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

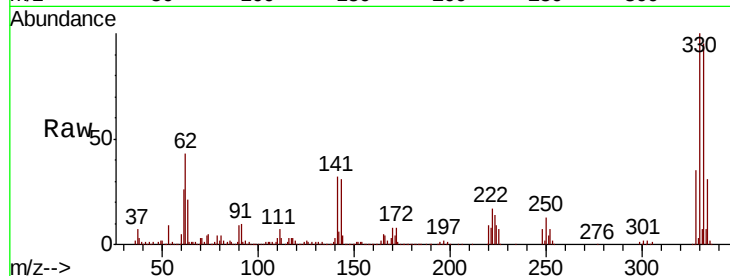




#42
 2,4,6-Tribromophenol
 Concen: 148.943 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115216.D
 Acq: 26 Jun 2019 13:57

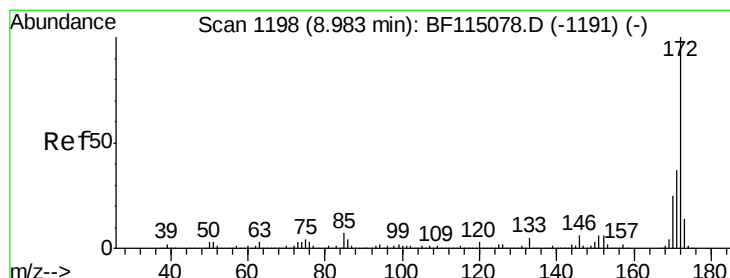
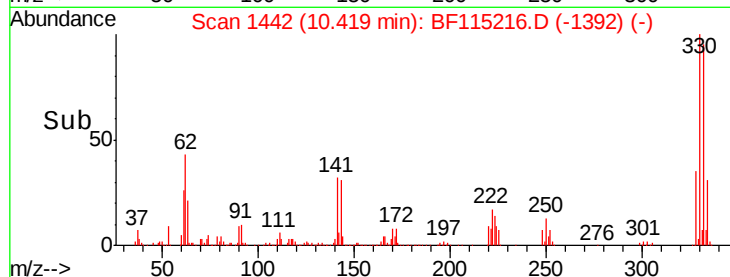
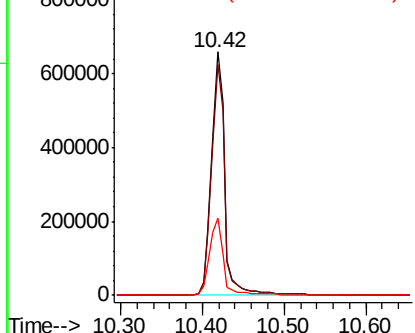
Instrument :
 BNA_F
 ClientSampleId :
 BAT-B05

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.3	114.5
141	32.4	25.9	38.9



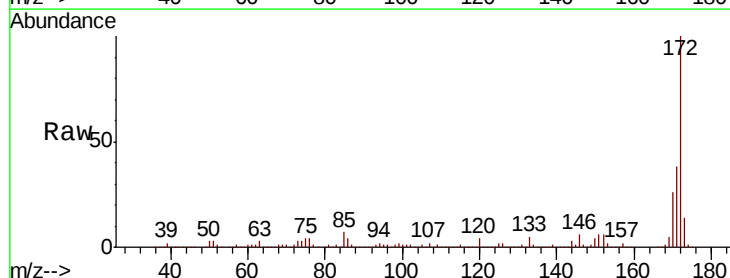
Abundance

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



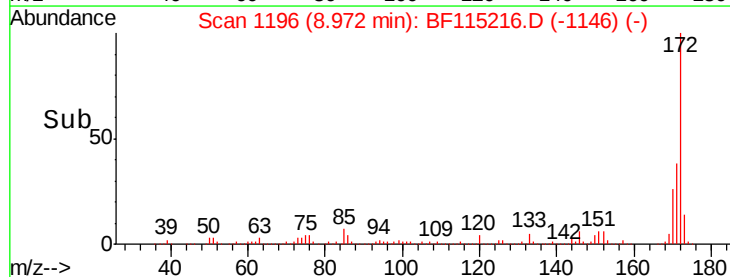
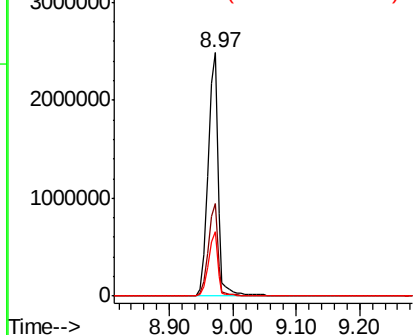
#45
 2-Fluorobiphenyl
 Concen: 98.803 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115216.D
 Acq: 26 Jun 2019 13:57

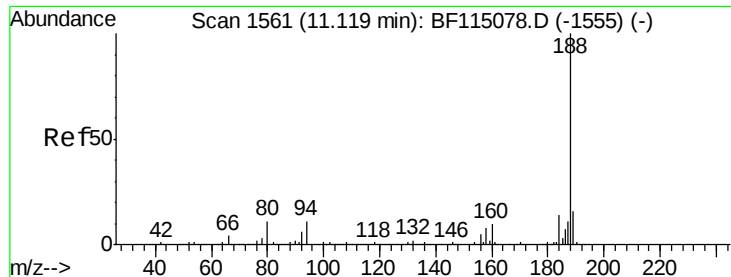
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.2	45.2
170	26.2	21.0	31.4



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

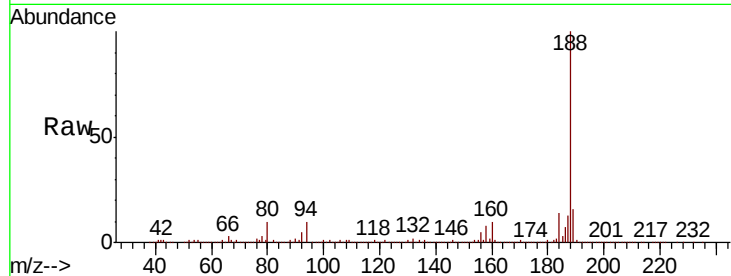




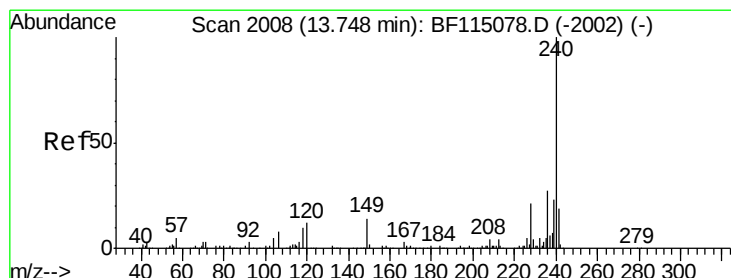
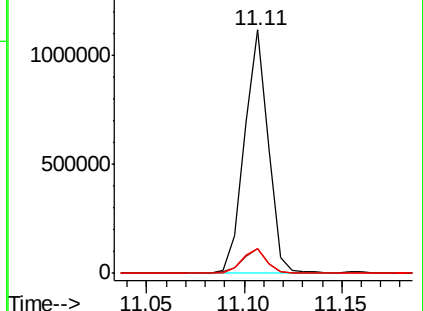
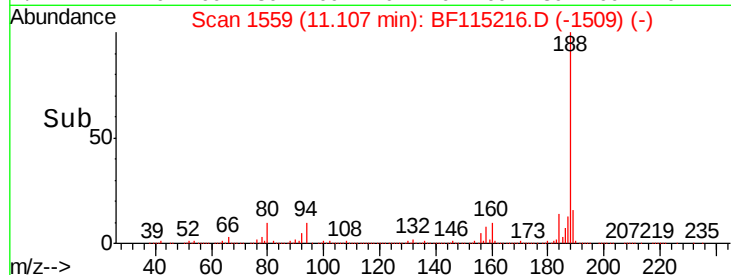
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115216.D
Acq: 26 Jun 2019 13:57

Instrument :
BNA_F
ClientSampled :
BAT-B05

Tot Ion:188 Resp: 940346
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.3 7.8 11.8

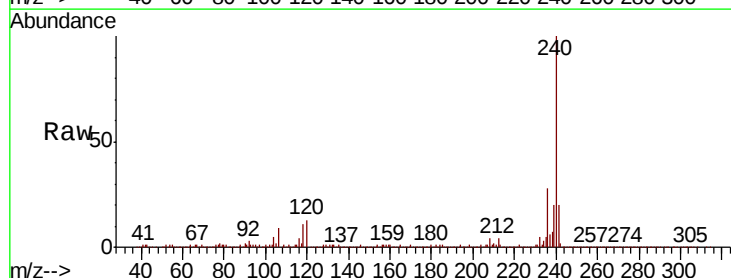


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

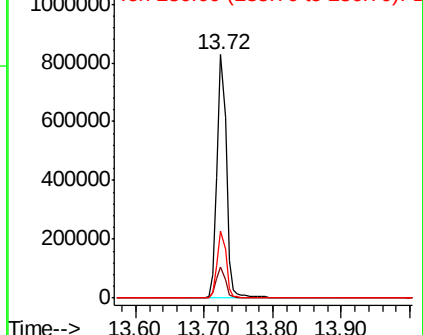
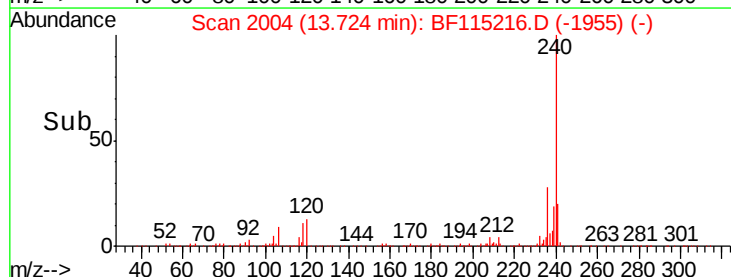


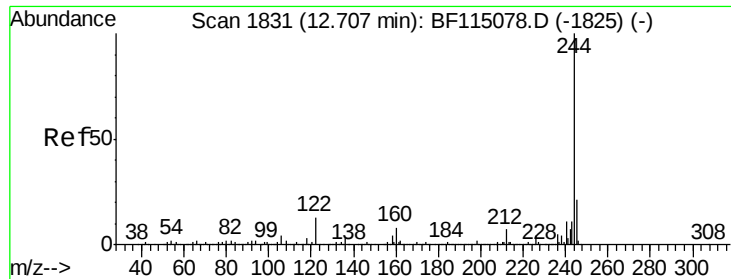
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115216.D
Acq: 26 Jun 2019 13:57

Tgt Ion:240 Resp: 764842
Ion Ratio Lower Upper
240 100
120 12.9 8.6 13.0
236 27.6 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: 85.558 ng

RT: 12.70 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF115216.D

Acq: 26 Jun 2019 13:57

Instrument :

BNA_F

ClientSampleId :

BAT-B05

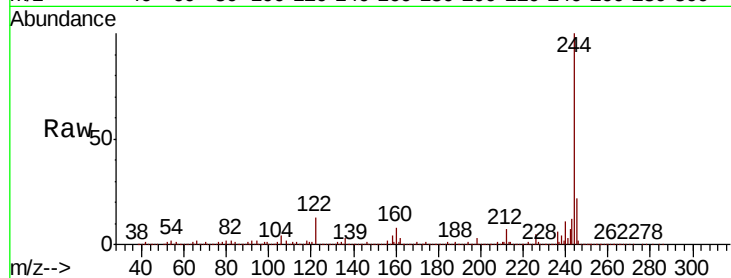
Tot Ion:244 Resp: 3077786

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

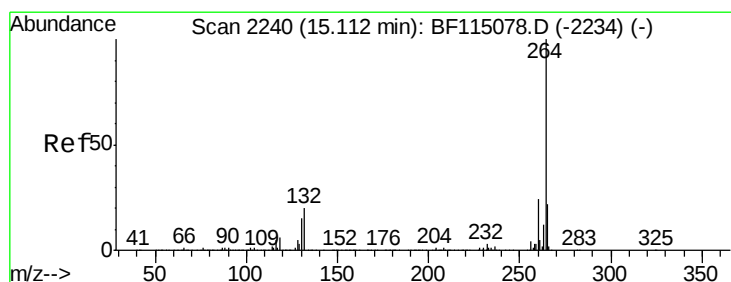
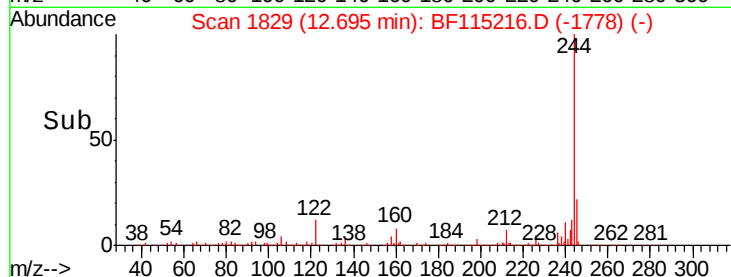
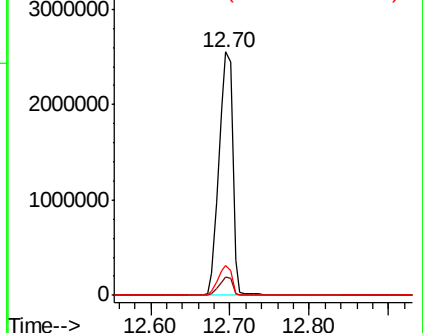
122 12.5 10.0 15.0



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: BF115216.D

Acq: 26 Jun 2019 13:57

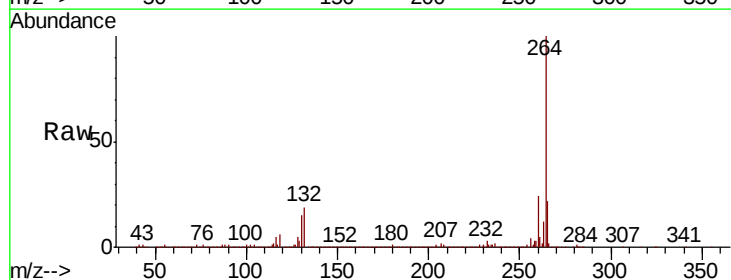
Tgt Ion:264 Resp: 712720

Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

265 22.2 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

