

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115008.D
 Acq On : 13 Jun 2019 18:17
 Operator : HP/JU
 Sample : K3345-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-6_061119

Quant Time: Jun 14 04:09:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	298454	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1134266	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	553863	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1056706	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	733645	20.00	ng	-0.01
87) Perylene-d12	15.14	264	692001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1013707	56.71	ng	0.00
7) Phenol-d6	6.29	99	808134	37.48	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1608089	85.34	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	681749	114.94	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2859237	87.49	ng	0.00
79) Terphenyl-d14	12.73	244	2957865	75.83	ng	0.00

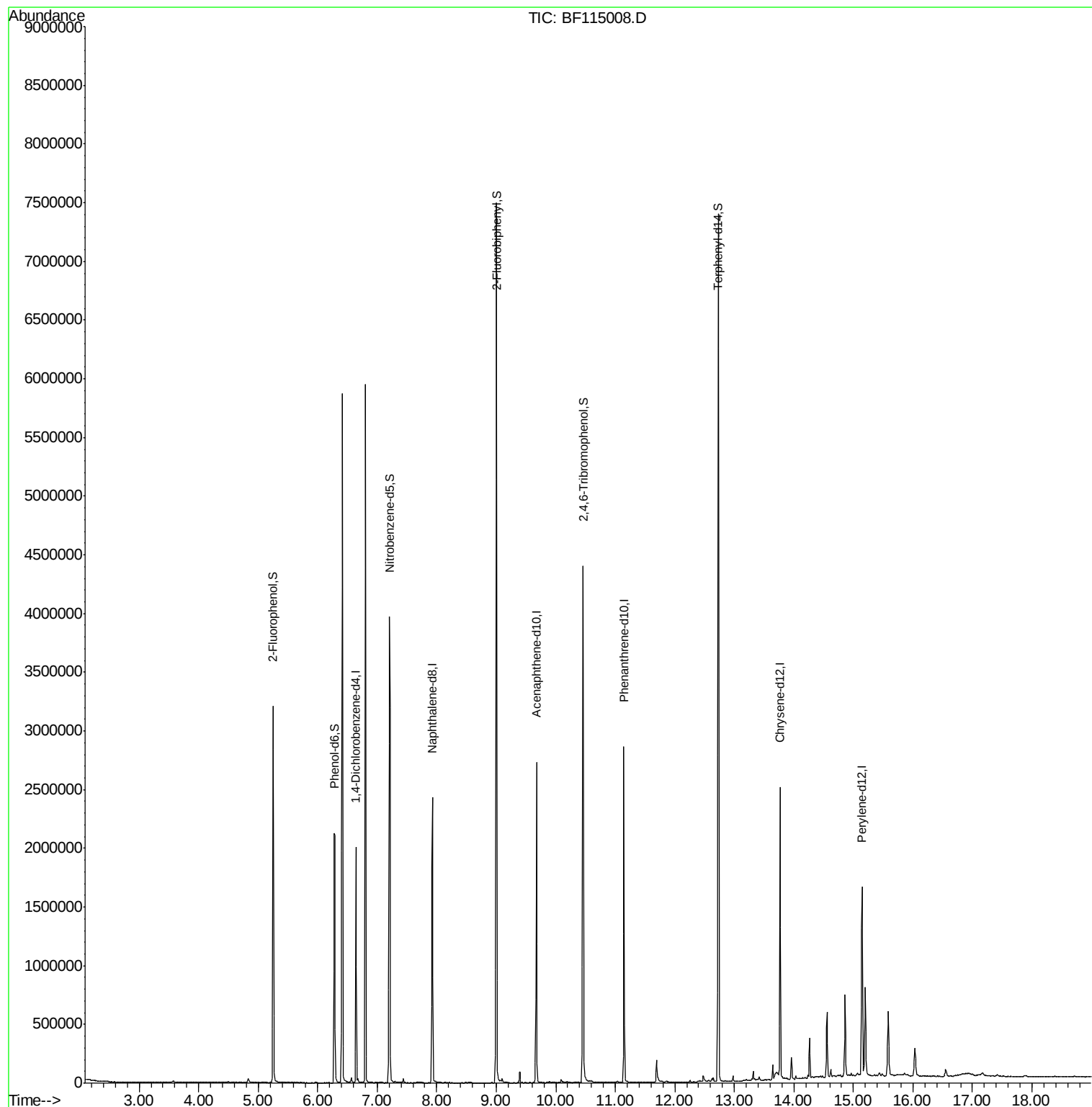
Target Compounds Qvalue

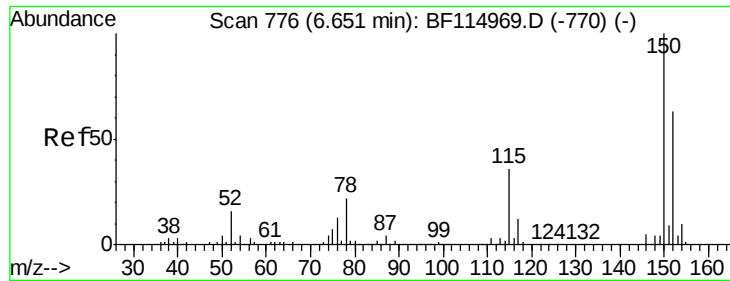
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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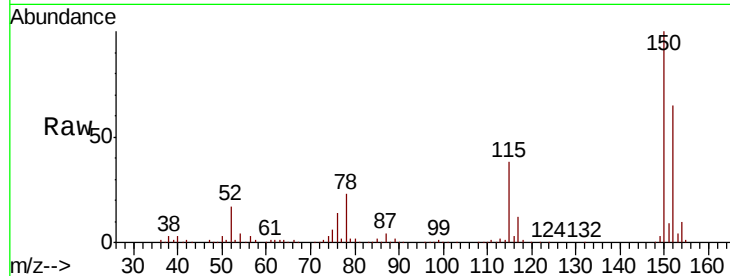


#1

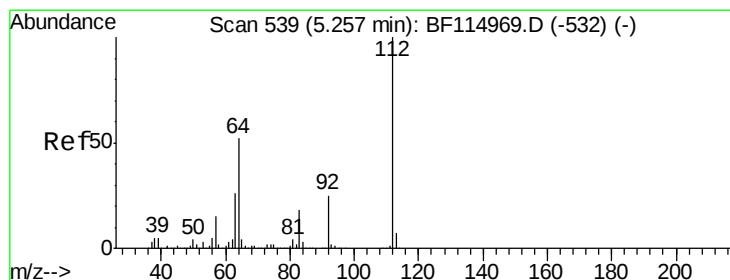
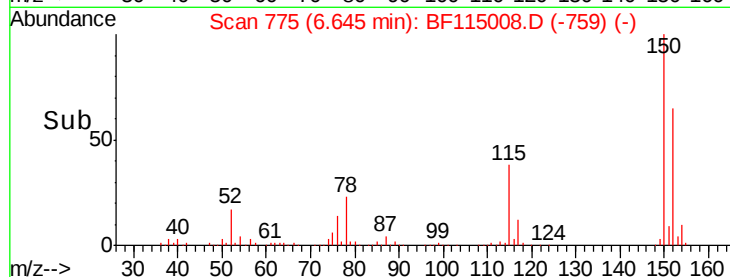
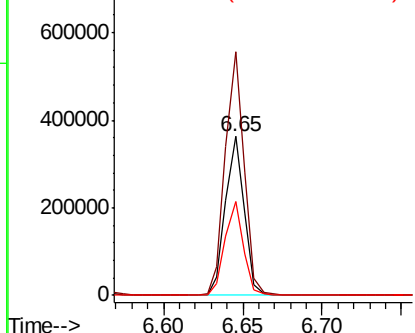
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115008.D
Acq: 13 Jun 2019 18:17

Instrument :
BNA_F
ClientSampleId :
C-MW-6_061119

Tot Ion:152 Resp: 298454
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.0
115 59.1 46.0 69.0



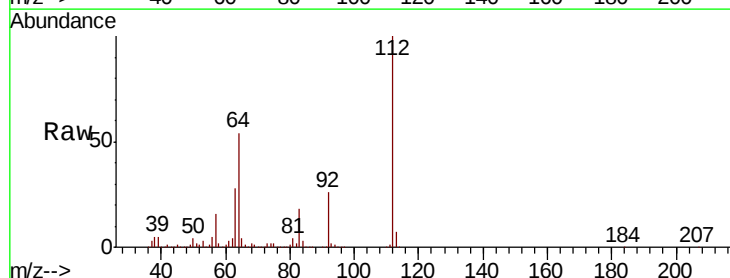
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



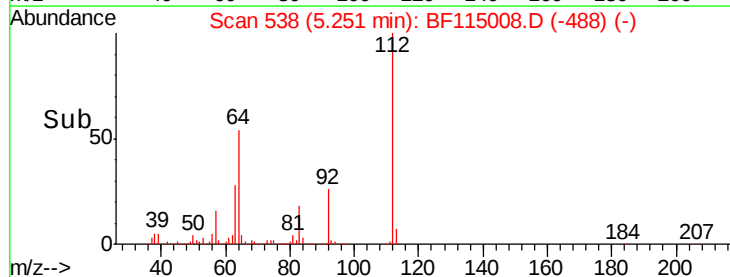
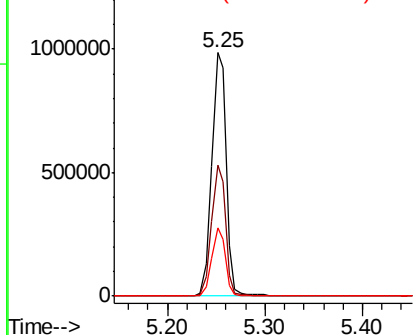
#5

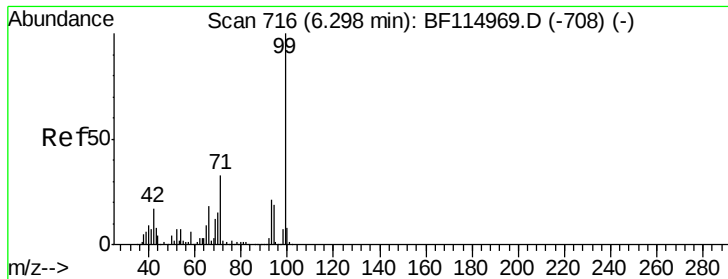
2-Fluorophenol
Concen: 56.715 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115008.D
Acq: 13 Jun 2019 18:17

Tgt Ion:112 Resp: 1013707
Ion Ratio Lower Upper
112 100
64 54.0 41.6 62.4
63 27.8 20.9 31.3



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: 37.482 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Instrument :

BNA_F

ClientSampleId :

C-MW-6_061119

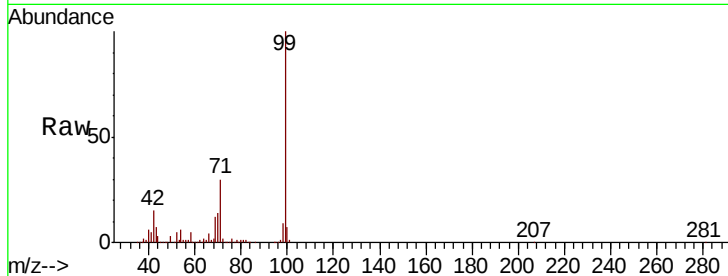
Tot Ion: 99 Resp: 808134

Ion Ratio Lower Upper

99 100

42 14.6 13.4 20.2

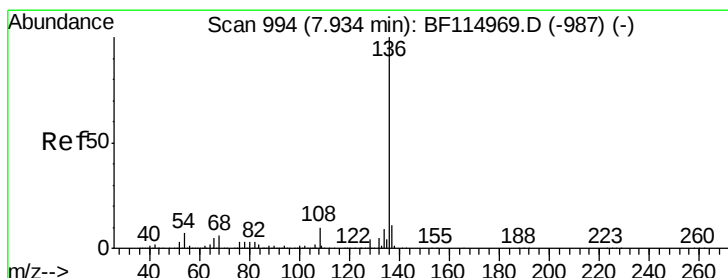
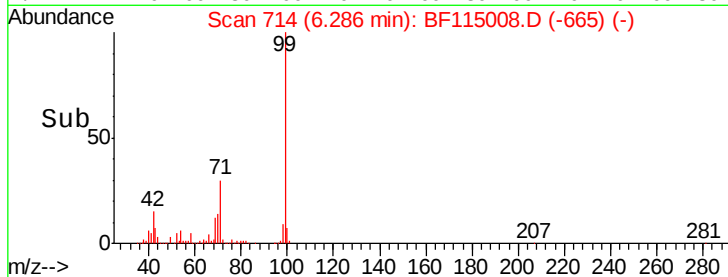
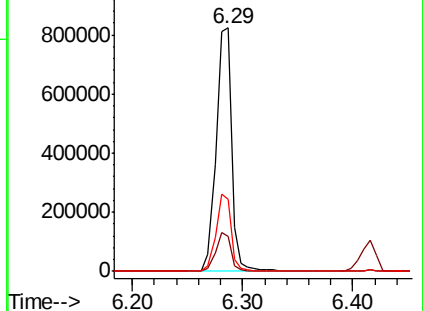
71 29.8 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Tgt Ion: 136 Resp: 1134266

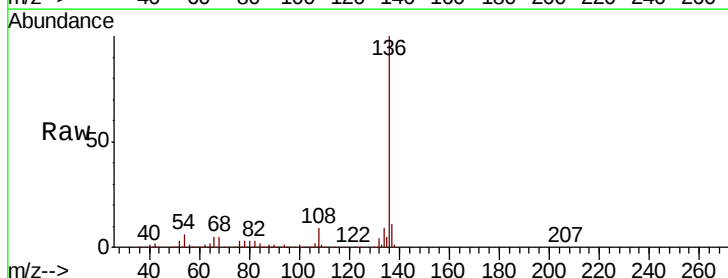
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.2 5.4 8.0

68 5.4 4.6 7.0

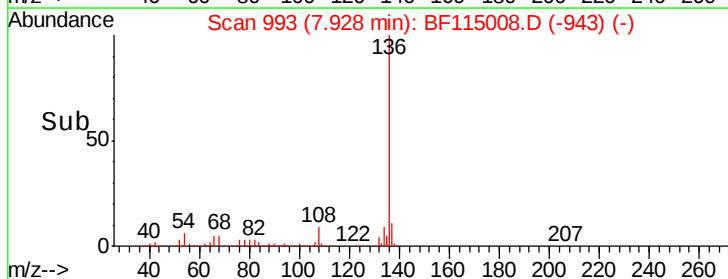
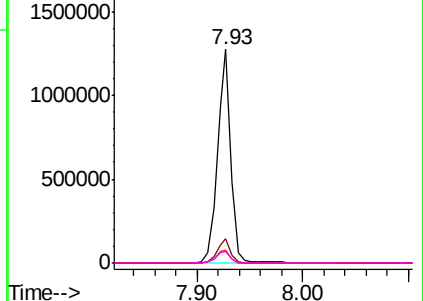


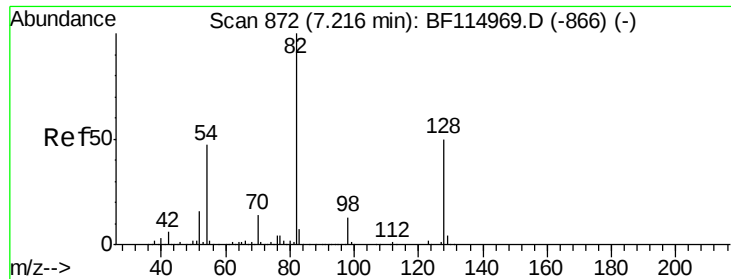
Abundance Ion 136.00 (135.70 to 136.70): E

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



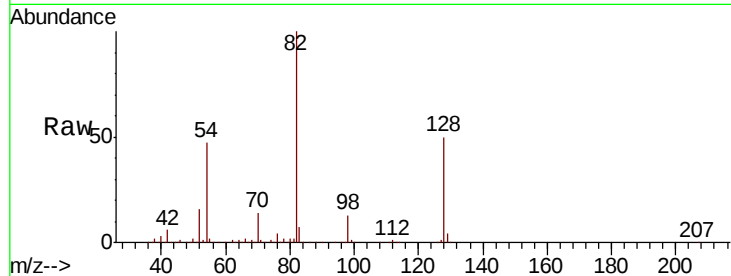


#23
 Nitrobenzene-d5
 Concen: 85.336 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

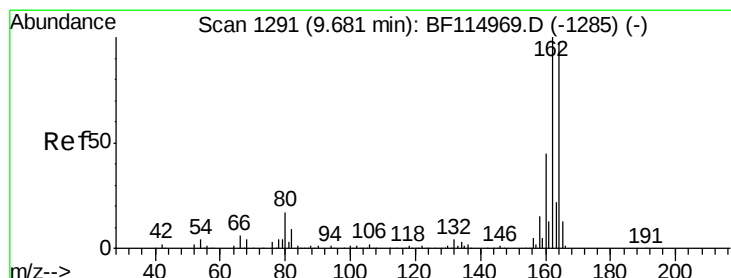
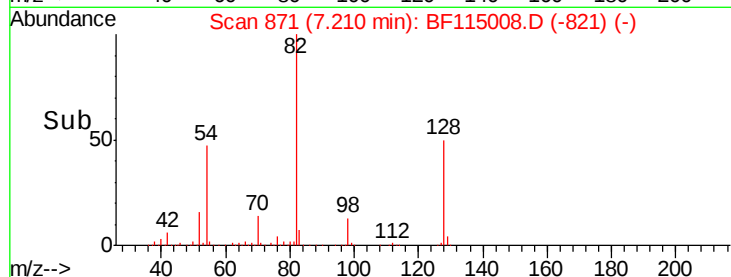
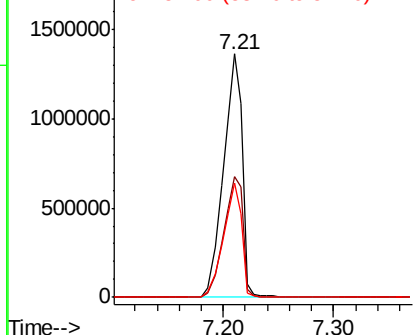
Instrument :
 BNA_F
 ClientSampleId :
 C-MW-6_061119

Tot Ion: 82 Resp: 1608089

Ion	Ratio	Lower	Upper
82	100		
128	49.8	39.9	59.9
54	46.9	37.3	55.9



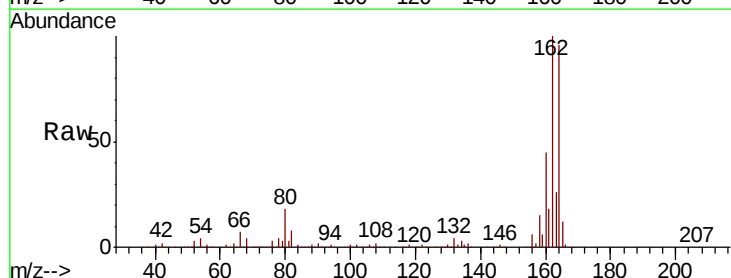
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



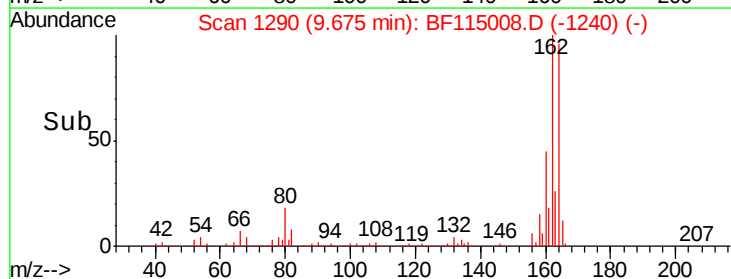
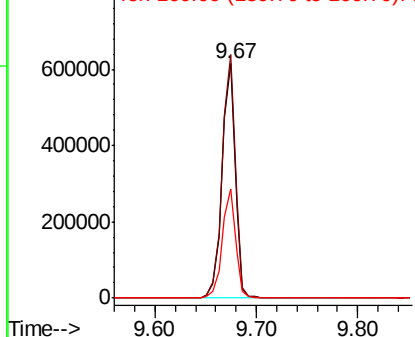
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

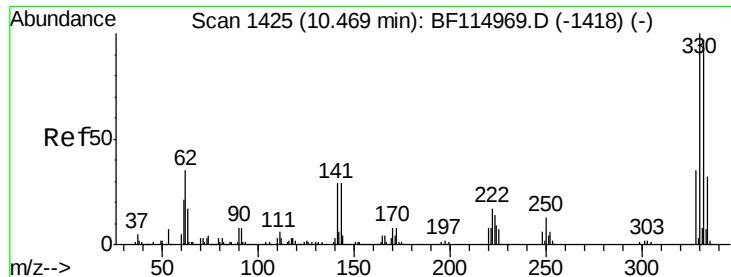
Tgt Ion:164 Resp: 553863

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	124.0
160	46.6	36.9	55.3



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

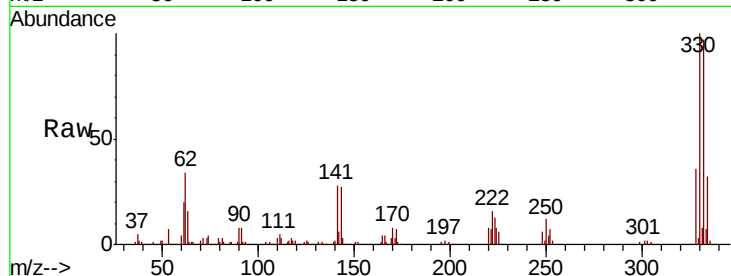




#42
 2,4,6-Tribromophenol
 Concen: 114.945 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-6_061119

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	33.1	27.2	40.8

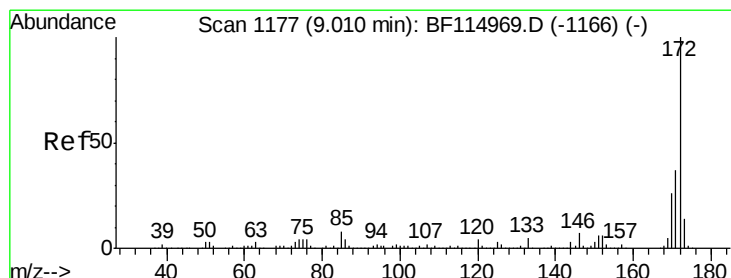
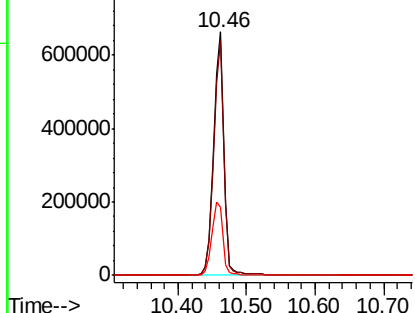
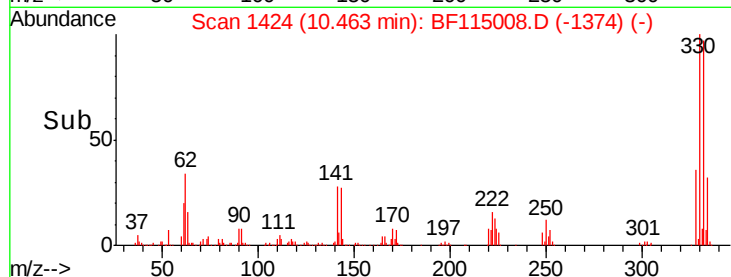


Abundance

Ion 329.80 (329.50 to 330.50): E

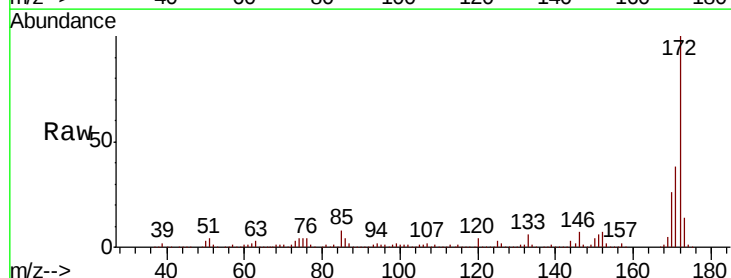
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.493 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115008.D
 Acq: 13 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.7	20.6	31.0

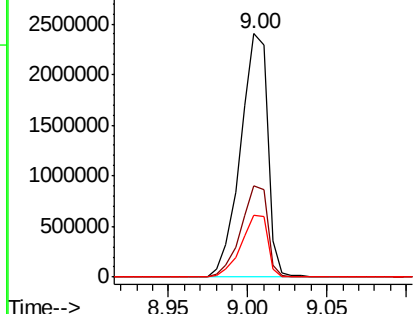
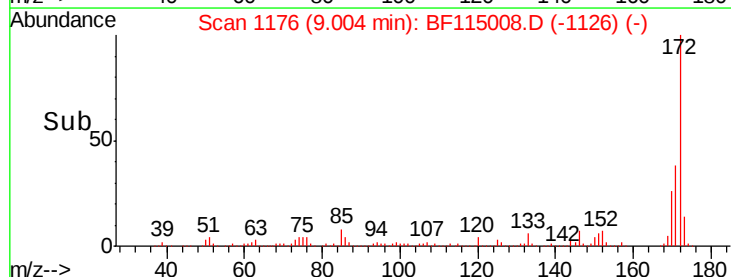


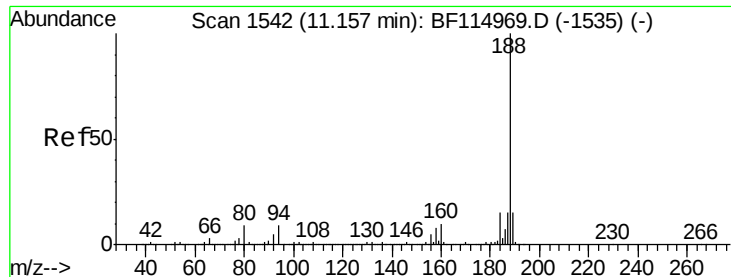
Abundance

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: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Instrument :

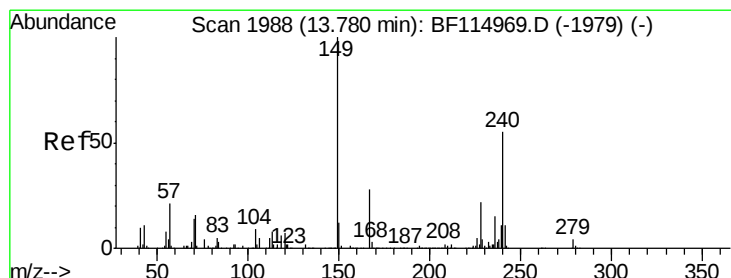
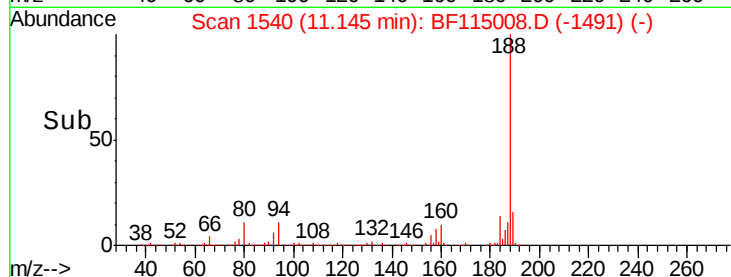
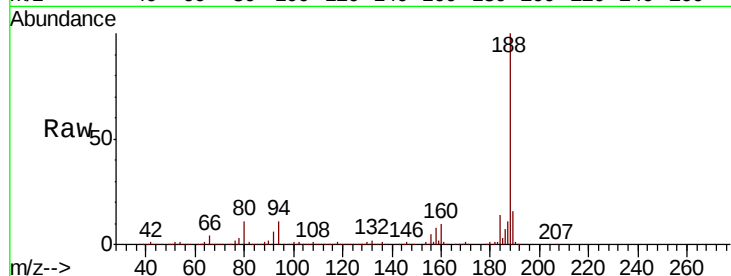
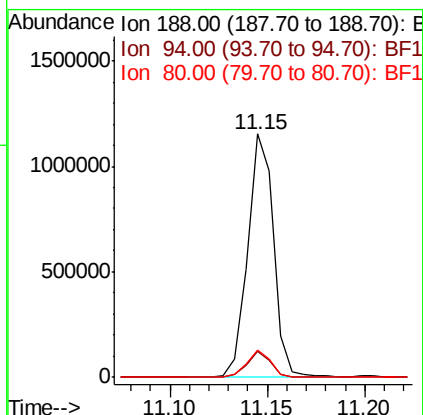
BNA_F

ClientSampleId :

C-MW-6_061119

Tot Ion:188 Resp: 1056706

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.2	10.8
80	11.2	7.4	11.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

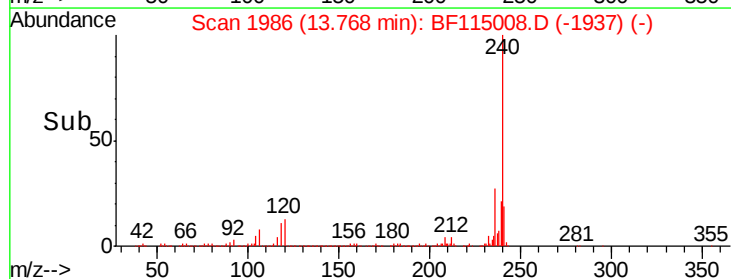
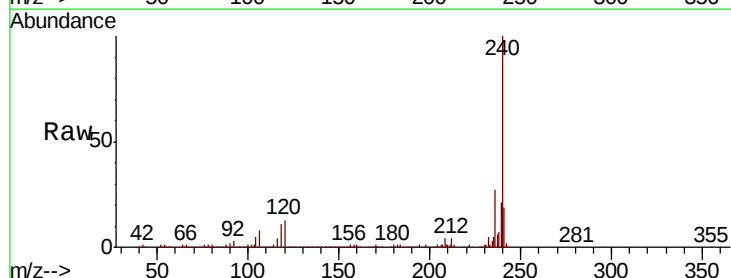
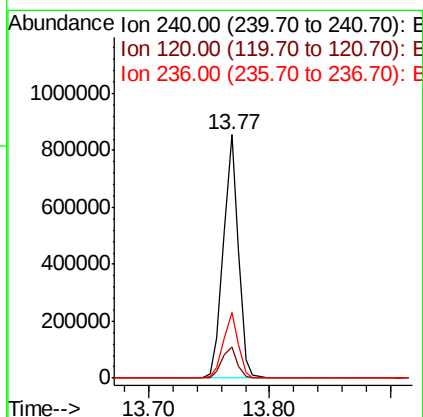
Delta R.T. -0.01 min

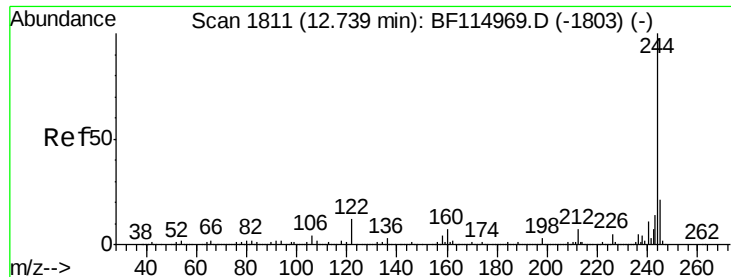
Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Tgt Ion:240 Resp: 733645

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.0	15.0
236	26.8	21.6	32.4





#79

Terphenyl-d14

Concen: 75.832 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

Instrument :

BNA_F

ClientSampleId :

C-MW-6_061119

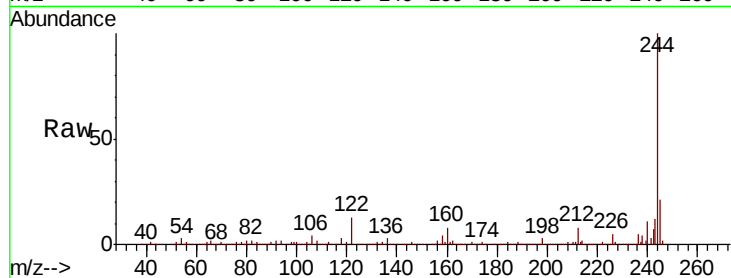
Tot Ion:244 Resp: 2957865

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

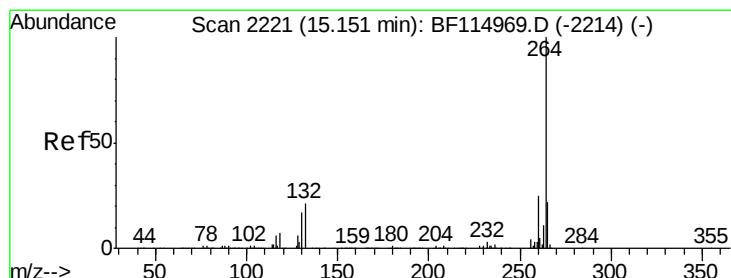
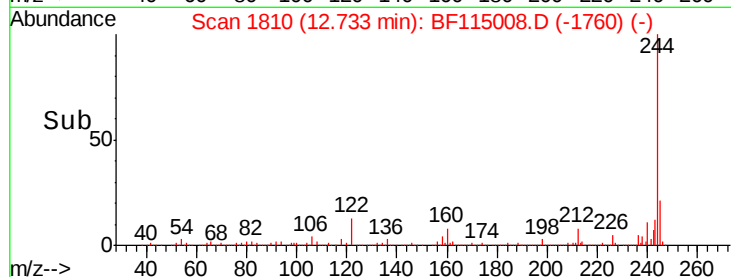
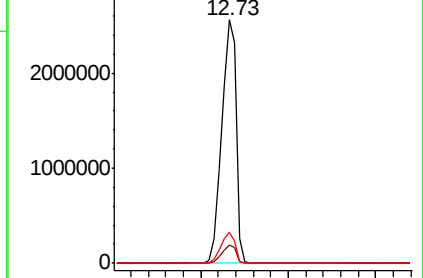
122 12.7 9.4 14.0



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: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF115008.D

Acq: 13 Jun 2019 18:17

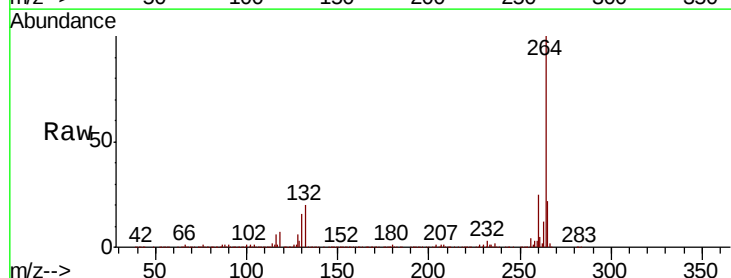
Tgt Ion:264 Resp: 692001

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 21.8 17.6 26.4



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

