

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114906.D
 Acq On : 7 Jun 2019 22:46
 Operator : HP/JU
 Sample : K3214-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Quant Time: Jun 08 06:23:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

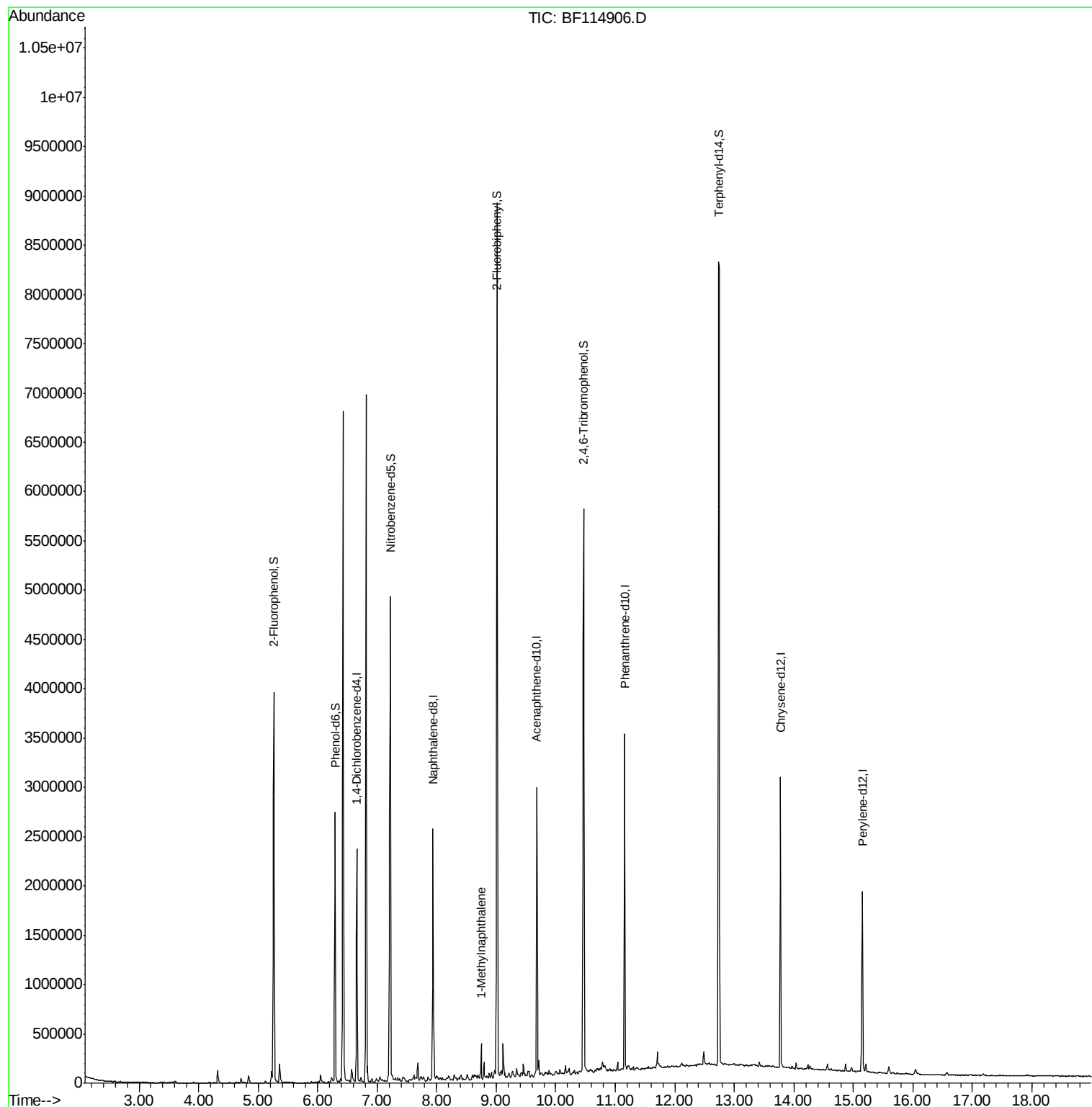
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	332046	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	1244746	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	613580	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	1182683	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	908744	20.00	ng	-0.02
87) Perylene-d12	15.15	264	770892	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1155896	60.83	ng	0.00
7) Phenol-d6	6.29	99	932173	40.31	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1780690	88.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	832028	125.83	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	3109121	94.92	ng	-0.01
79) Terphenyl-d14	12.75	244	3340722	71.49	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.75	142	85699	2.325	ng	Qvalue 99

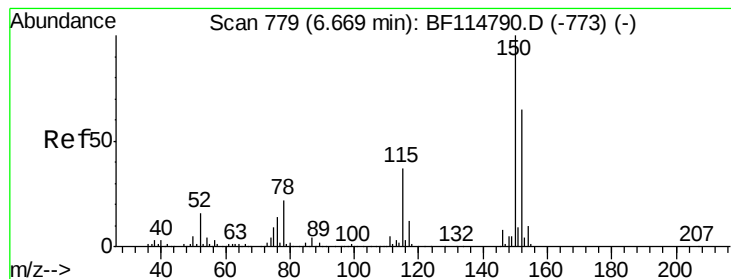
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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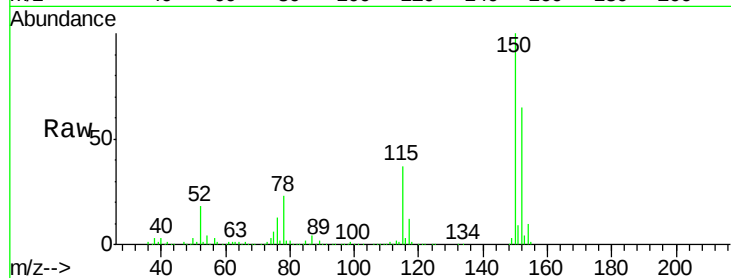




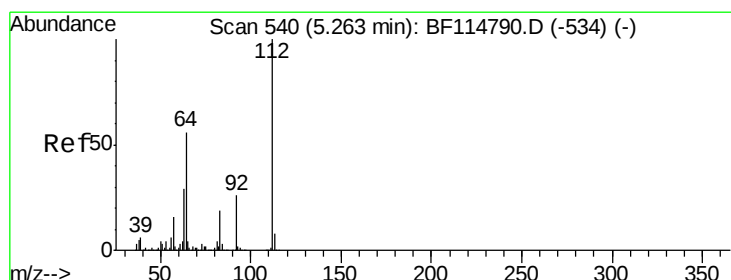
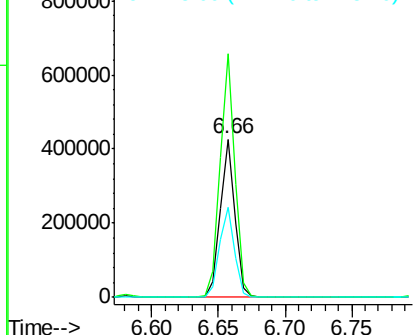
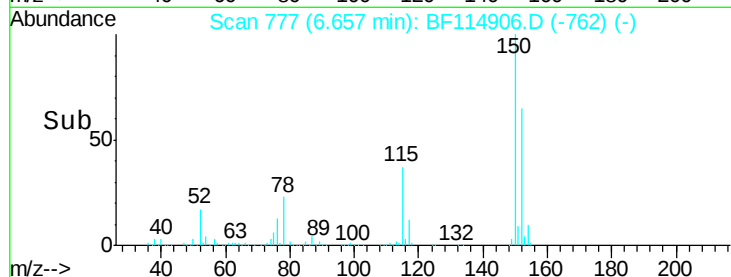
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF114906.D
 Acq: 7 Jun 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.0	186.0
115	56.5	46.3	69.5

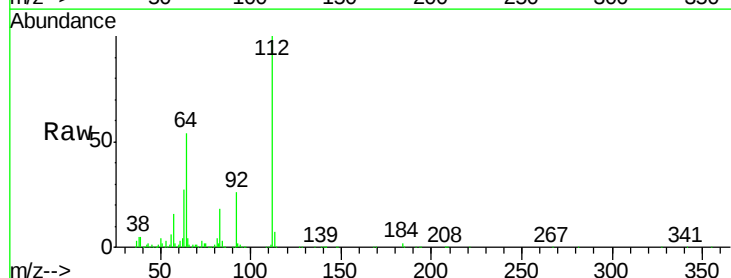


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

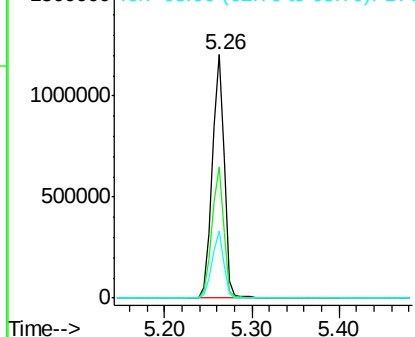
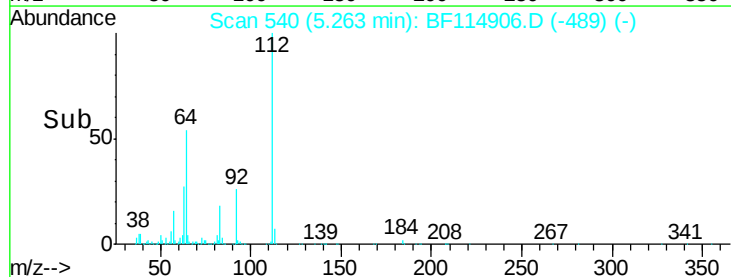


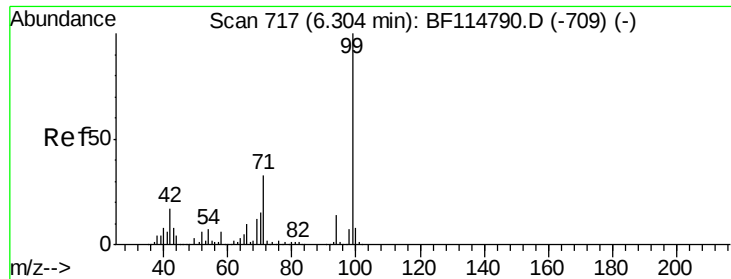
#5
 2-Fluorophenol
 Concen: 60.828 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF114906.D
 Acq: 7 Jun 2019 22:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.6	66.8
63	27.3	23.0	34.4



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: 40.314 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Instrument :

BNA_F

ClientSampled :

MW-2A

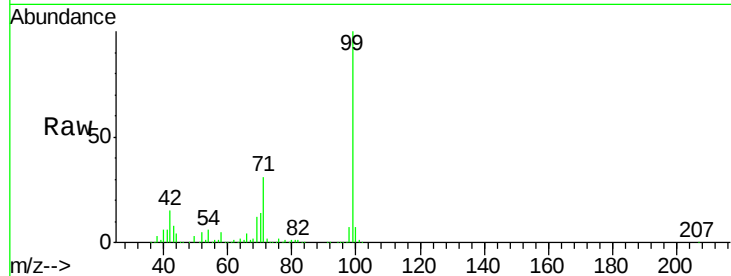
Tot Ion: 99 Resp: 932173

Ion Ratio Lower Upper

99 100

42 15.4 13.3 19.9

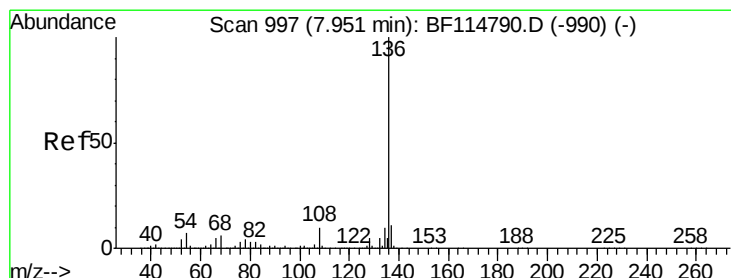
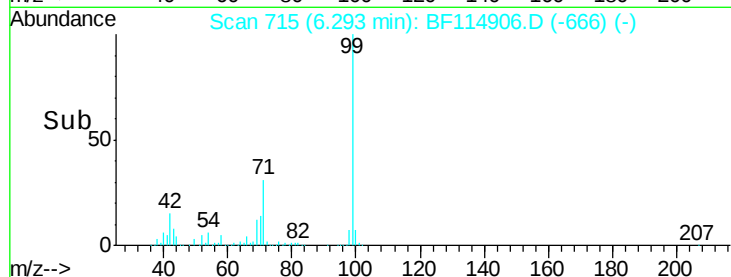
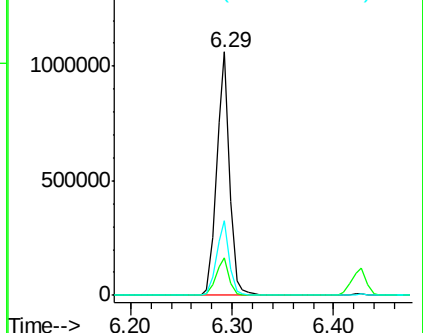
71 30.9 26.3 39.5



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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Tgt Ion: 136 Resp: 1244746

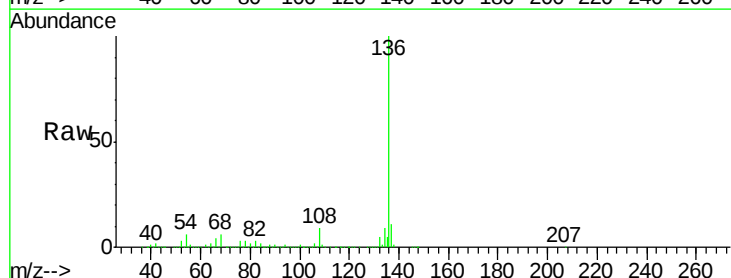
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.0 5.4 8.0

68 5.5 4.6 6.8

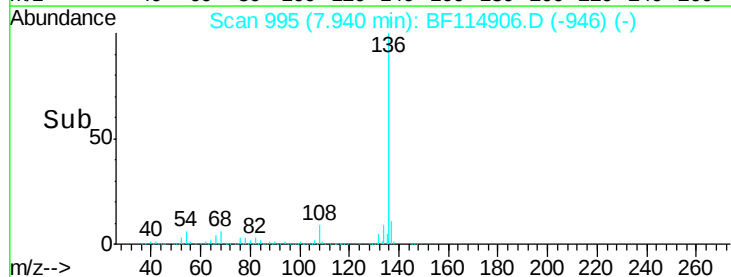
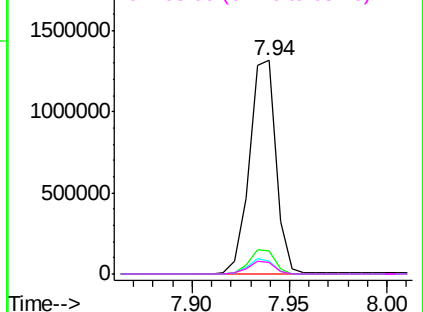


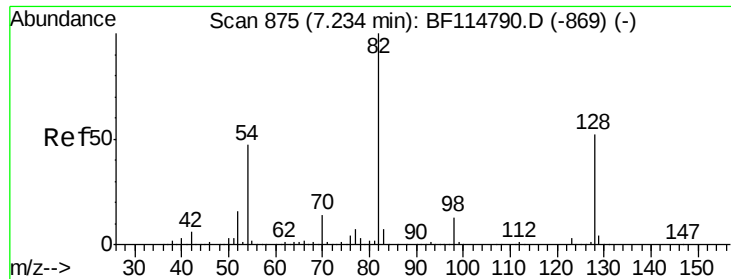
Abundance Ion 136.00 (135.70 to 136.70): E

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

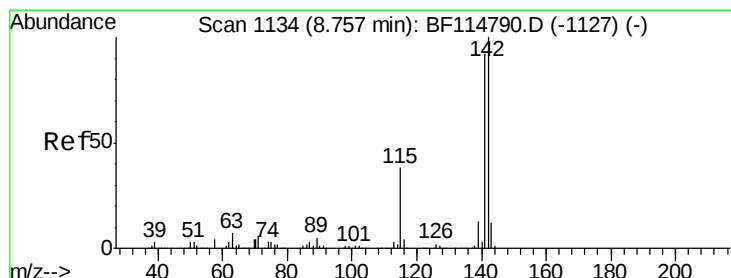
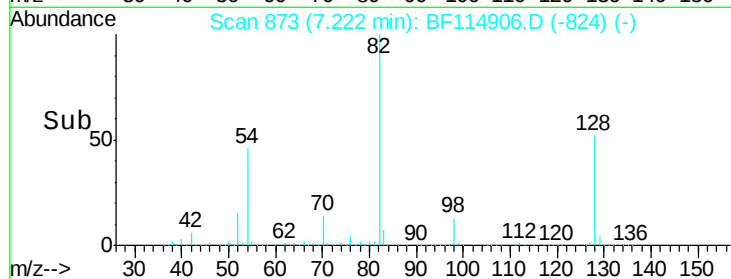
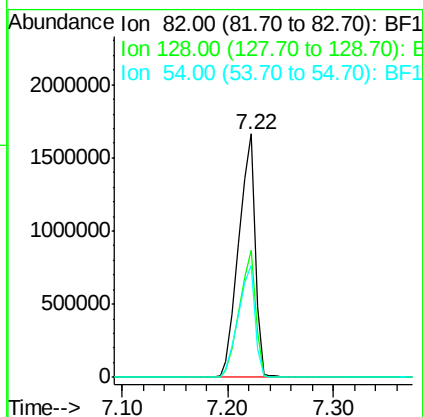
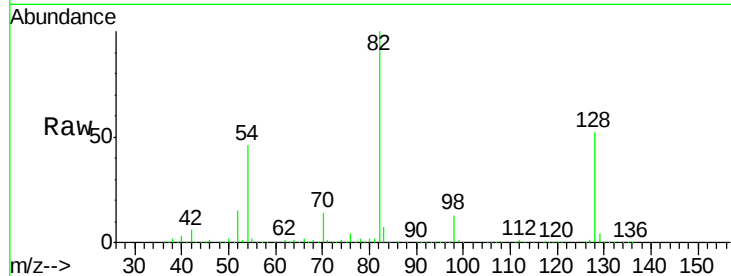




#23
Nitrobenzene-d5
Concen: 88.063 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

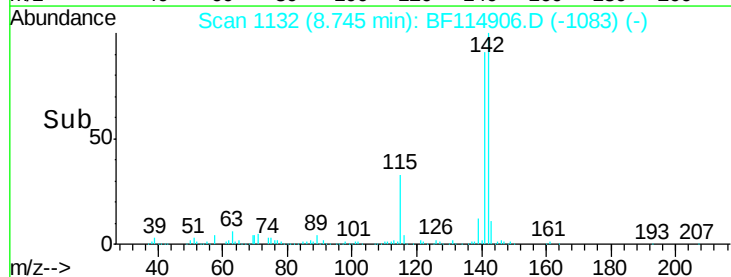
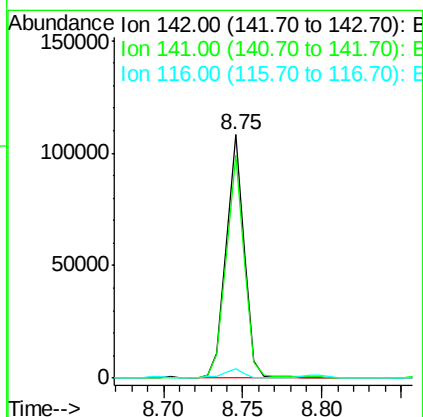
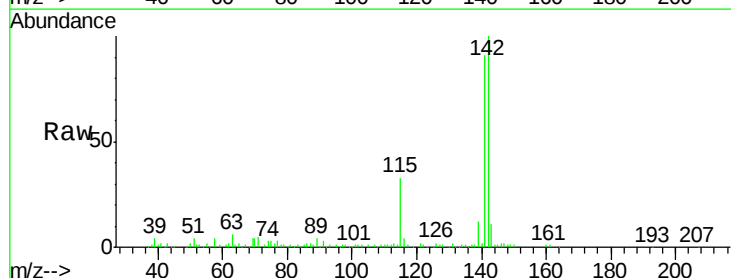
Instrument :
BNA_F
ClientSampled :
MW-2A

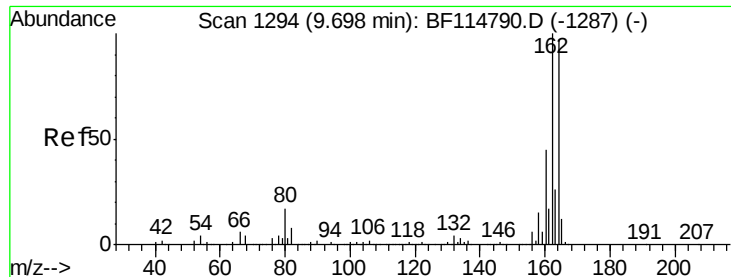
Tot Ion: 82 Resp: 1780690
Ion Ratio Lower Upper
82 100
128 52.0 41.8 62.6
54 46.2 37.9 56.9



#38
1-Methylnaphthalene
Concen: 2.325 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:142 Resp: 85699
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6
116 3.8 3.3 4.9

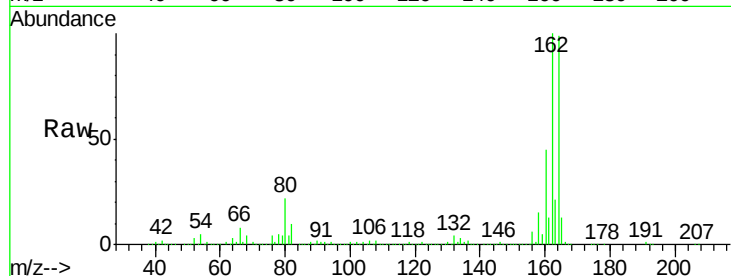




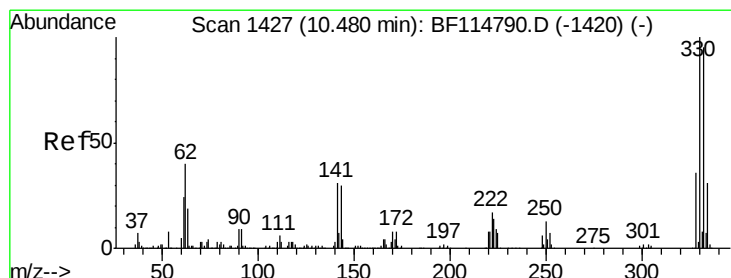
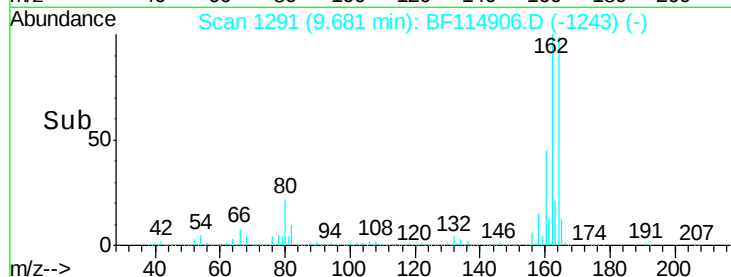
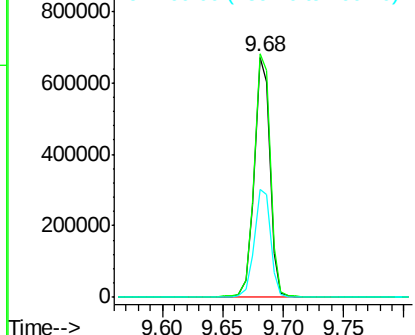
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tot Ion:164 Resp: 613580
Ion Ratio Lower Upper
164 100
162 101.4 82.3 123.5
160 45.2 36.7 55.1

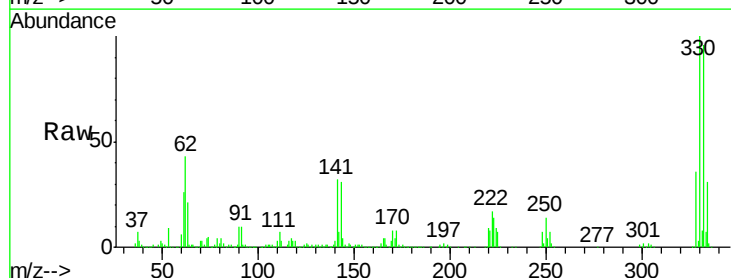


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

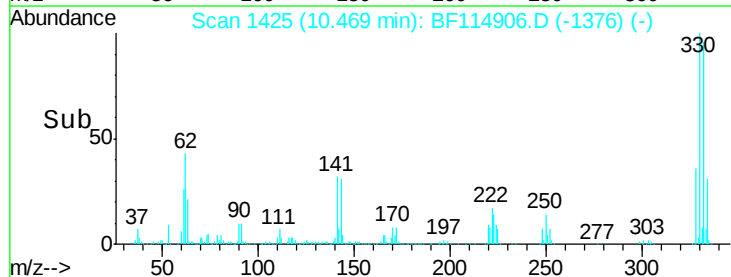
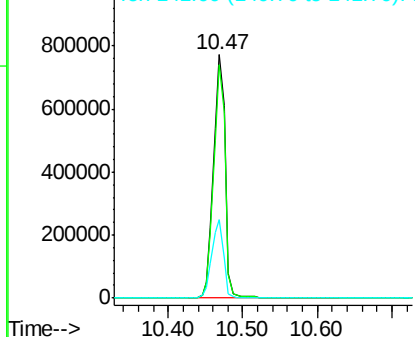


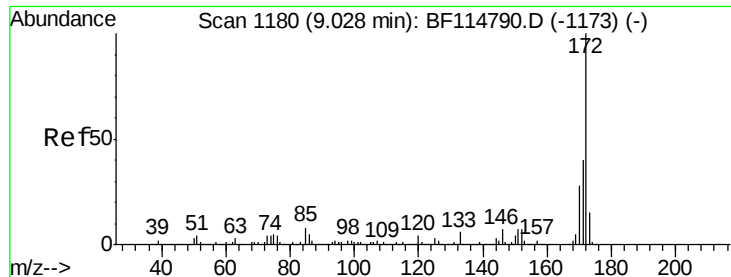
#42
2,4,6-Tribromophenol
Concen: 125.830 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:330 Resp: 832028
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 32.6 26.2 39.4



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

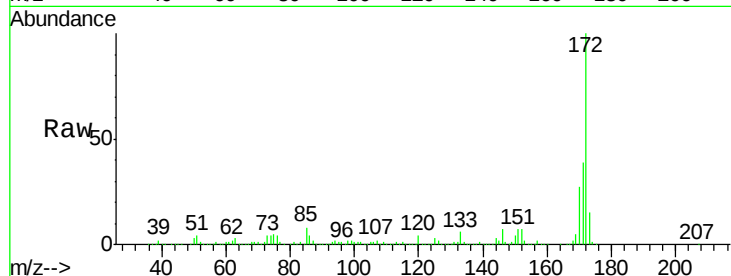




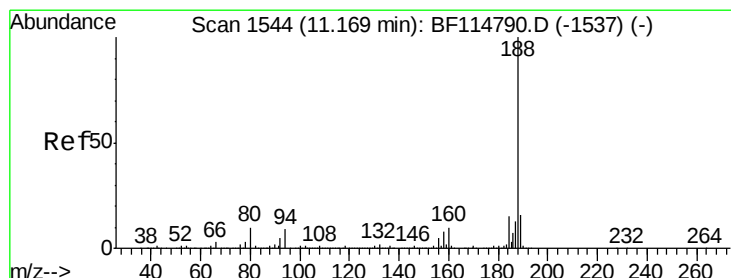
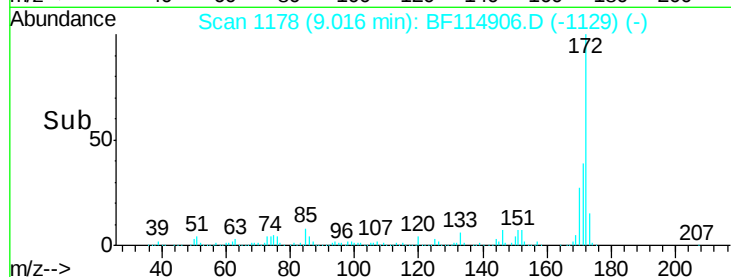
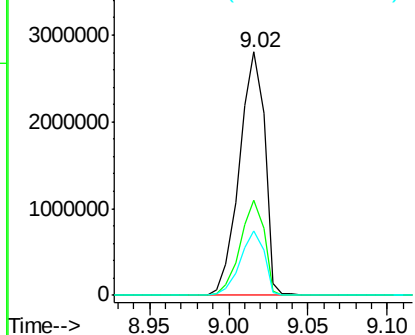
#45
2-Fluorobiphenyl
Concen: 94.922 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Instrument :
BNA_F
ClientSampleId :
MW-2A

Tot Ion:172 Resp: 3109121
Ion Ratio Lower Upper
172 100
171 38.9 32.3 48.5
170 26.6 22.4 33.6

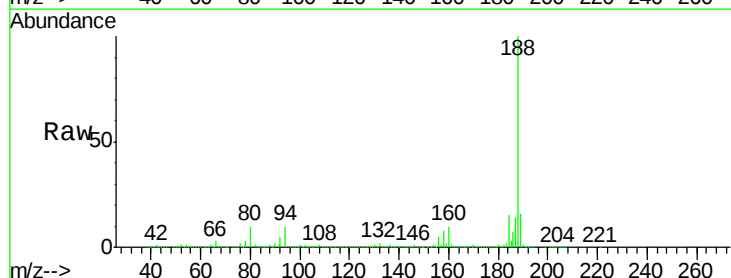


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

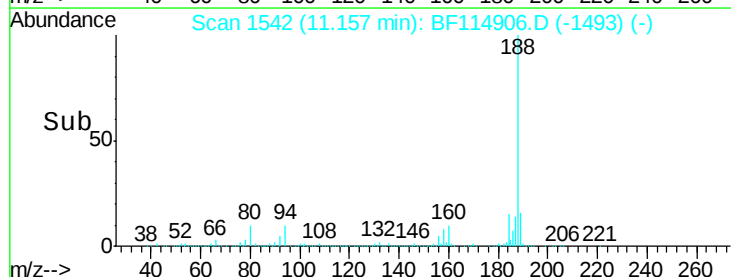
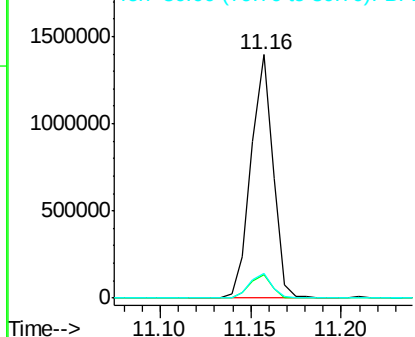


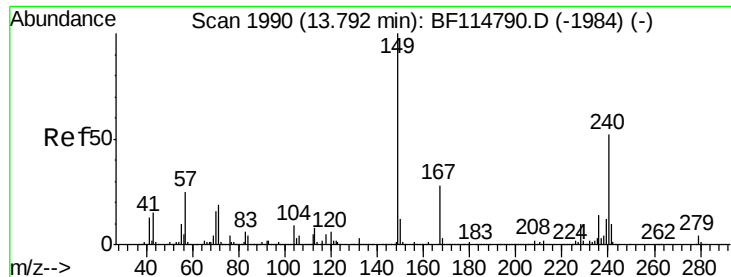
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114906.D
Acq: 7 Jun 2019 22:46

Tgt Ion:188 Resp: 1182683
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.3 8.3 12.5



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: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

Instrument :

BNA_F

ClientSampleId :

MW-2A

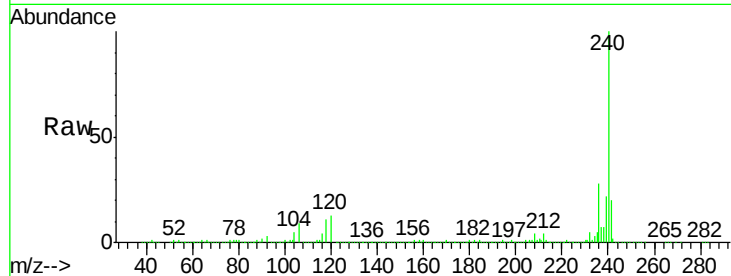
Tot Ion:240 Resp: 908744

Ion Ratio Lower Upper

240 100

120 12.9 9.0 13.4

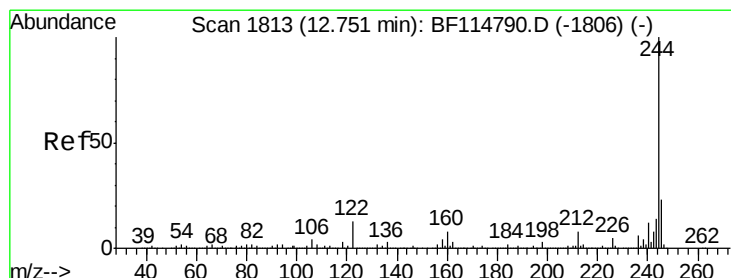
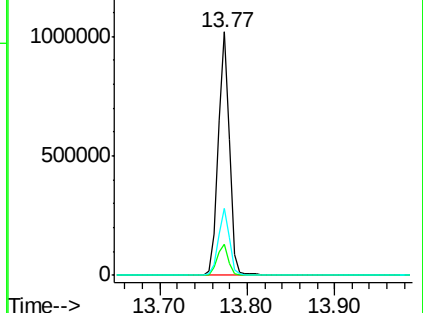
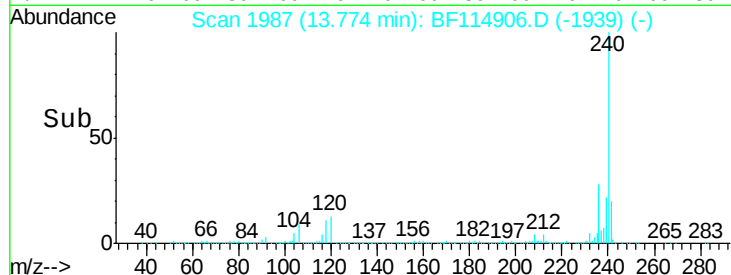
236 27.6 21.4 32.0



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: 71.493 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114906.D

Acq: 7 Jun 2019 22:46

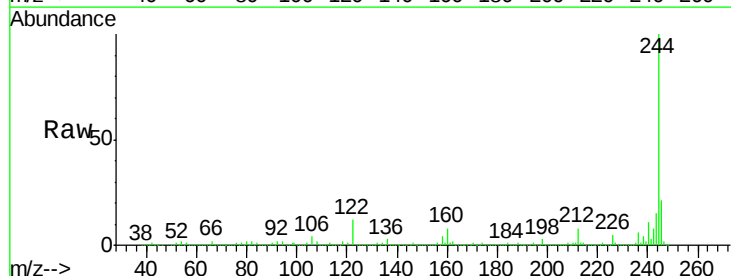
Tgt Ion:244 Resp: 3340722

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

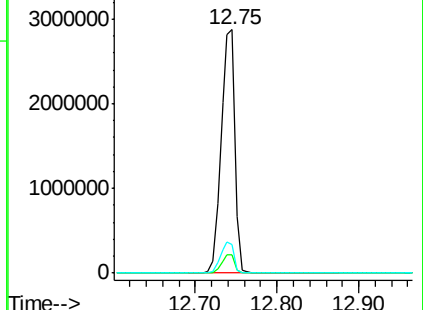
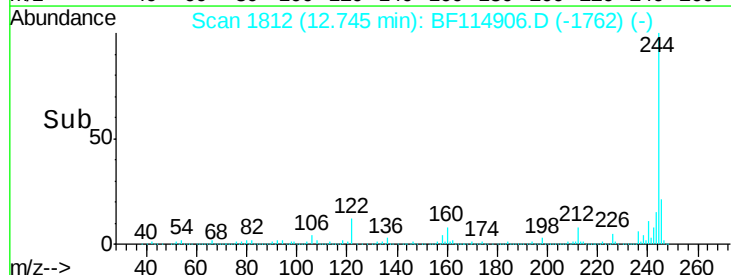
122 11.6 10.5 15.7

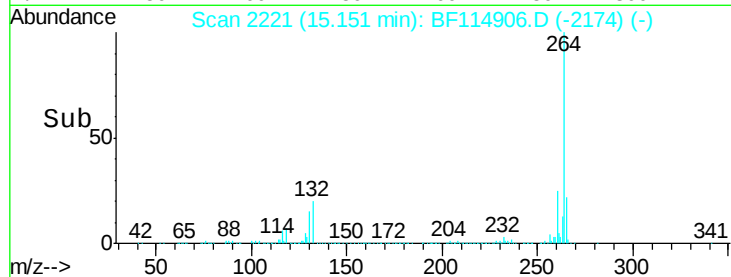
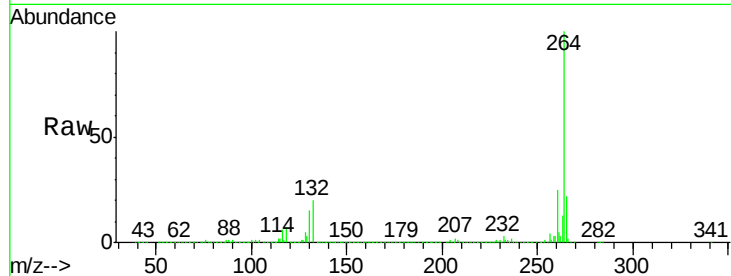
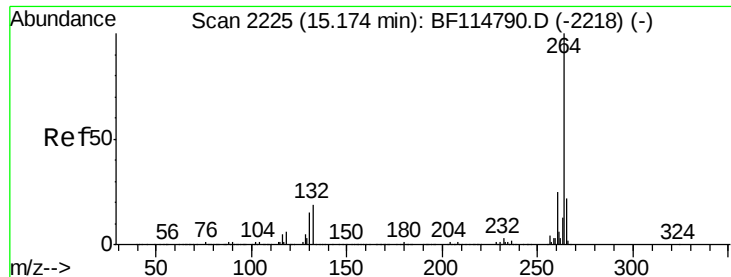


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.15 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF114906.D
 Acq: 7 Jun 2019 22:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Tot Ion:	264	Resp:	770892
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.0	17.7	26.5

