

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116250.D
 Acq On : 14 Aug 2019 00:23
 Operator : HP/JU
 Sample : K4229-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-A1-A4-(1)-COMP

Quant Time: Aug 14 02:04:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147326	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	565434	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	300750	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	537208	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	363497	20.00	ng	0.00
87) Perylene-d12	15.47	264	352660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	963963	109.53	ng	0.00
7) Phenol-d6	6.47	99	1096804	98.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	957212	97.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	409398	140.40	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1544504	96.19	ng	-0.01
79) Terphenyl-d14	12.94	244	1728259	100.19	ng	-0.01

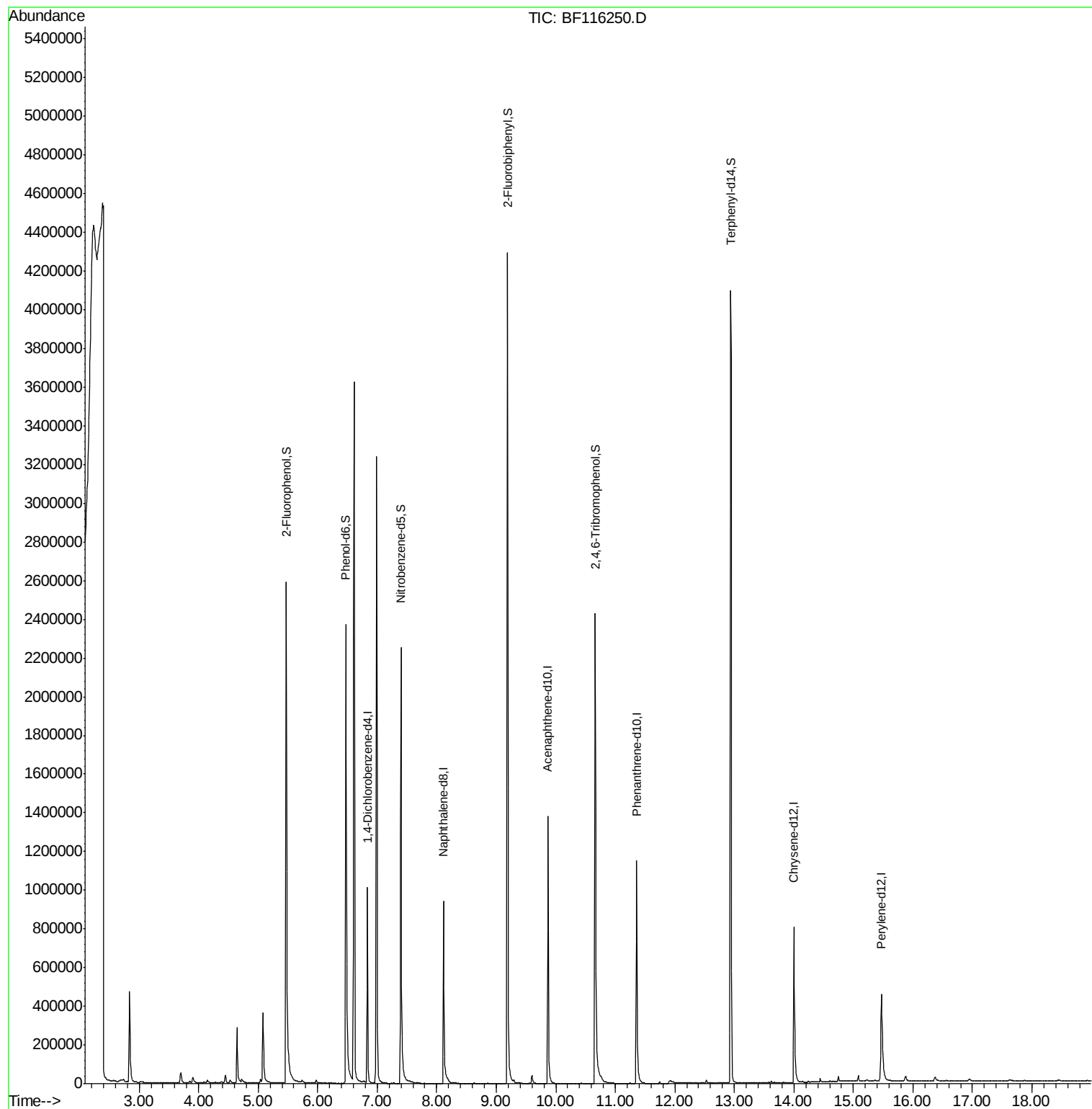
Target Compounds Qvalue

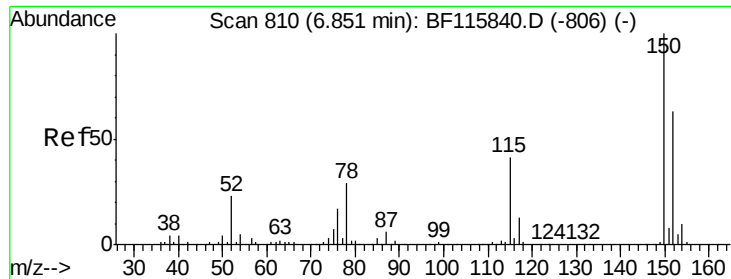
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

Instrument :

BNA_F

ClientSampleId :

2S-A1-A4-(1)-COMP

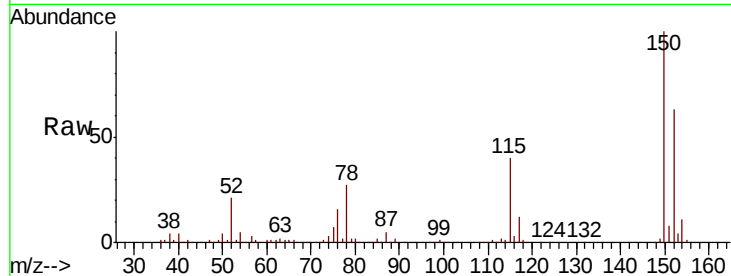
Tot Ion:152 Resp: 147326

Ion Ratio Lower Upper

152 100

150 158.7 126.2 189.2

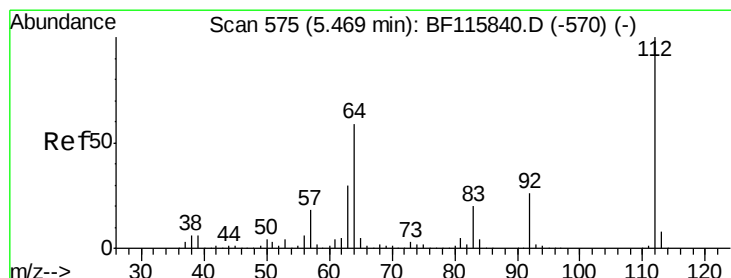
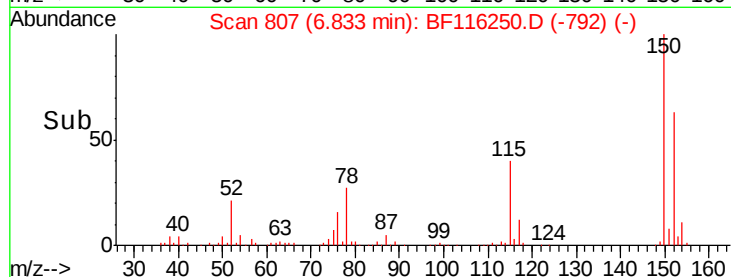
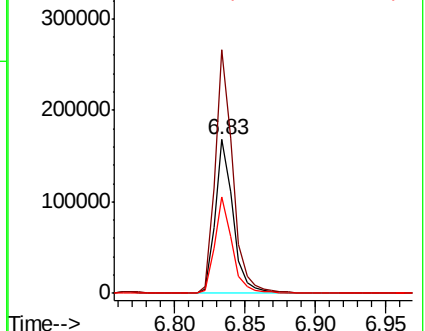
115 63.1 49.9 74.9



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: 109.535 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

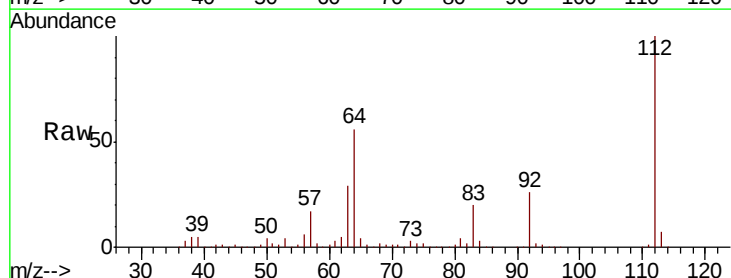
Tgt Ion:112 Resp: 963963

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

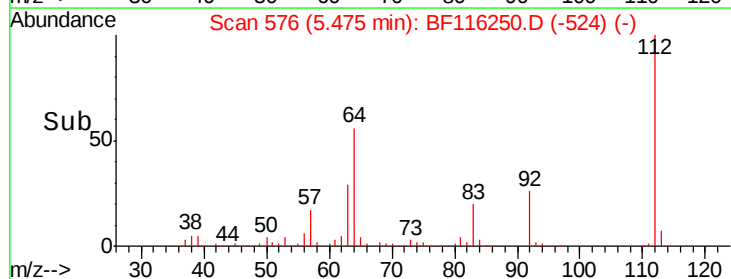
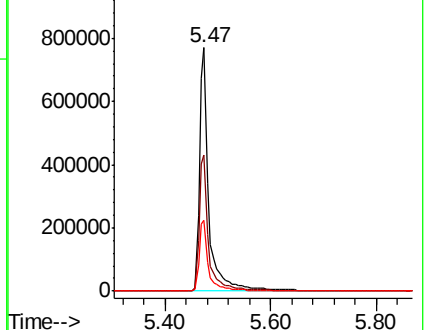
63 29.2 23.7 35.5

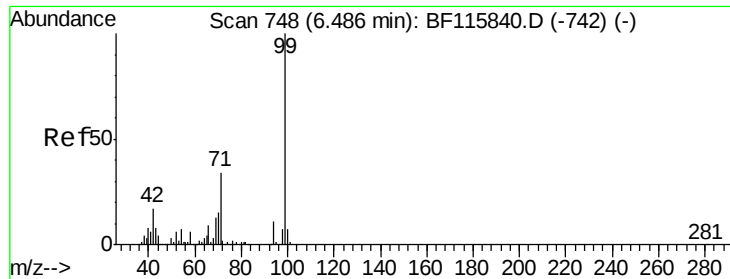


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.781 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

Instrument :

BNA_F

ClientSampleId :

2S-A1-A4-(1)-COMP

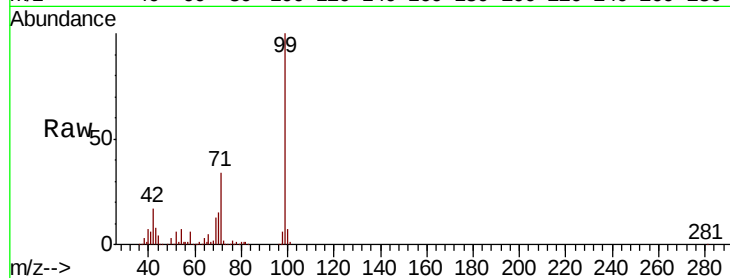
Tot Ion: 99 Resp: 1096804

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

71 34.2 27.3 40.9

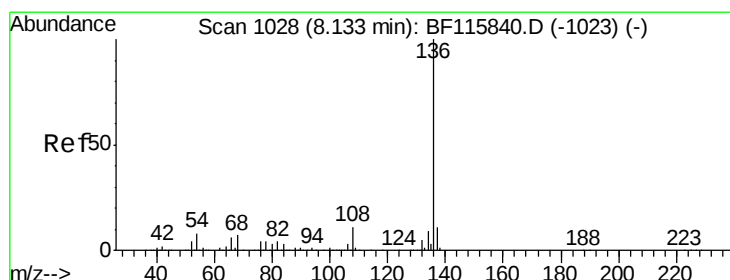
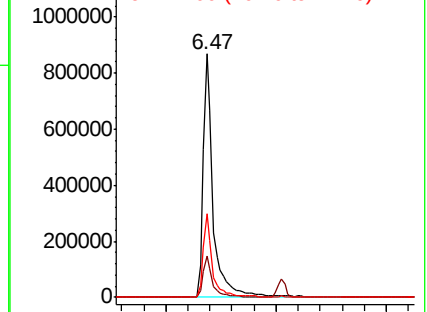
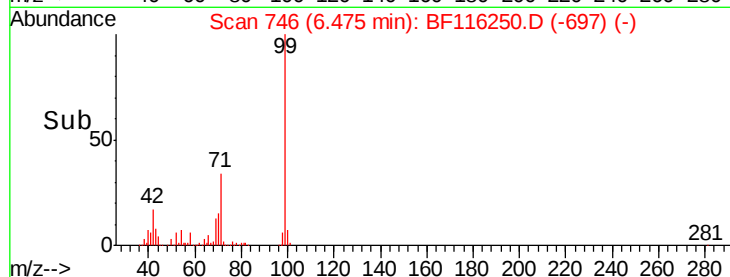


Abundance

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

Tgt Ion: 136 Resp: 565434

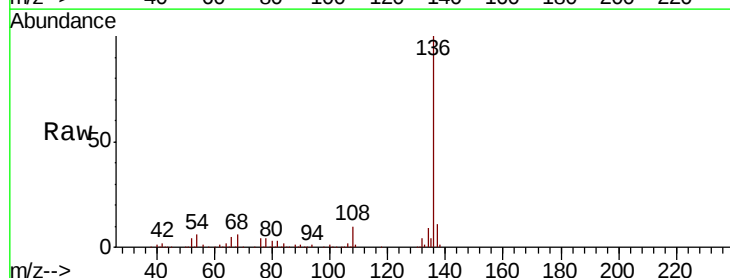
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.5 5.8 8.6

68 5.9 5.2 7.8



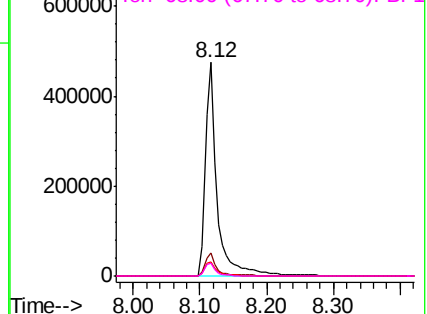
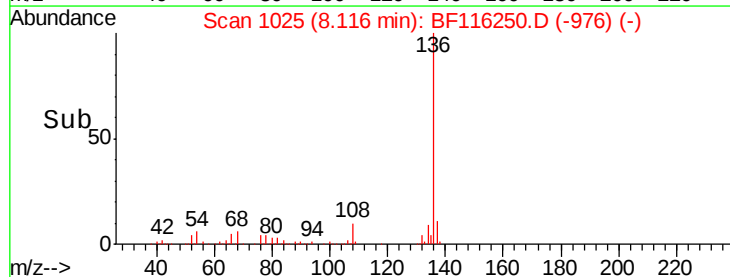
Abundance

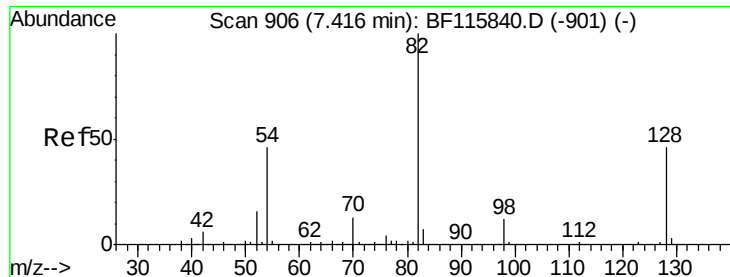
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

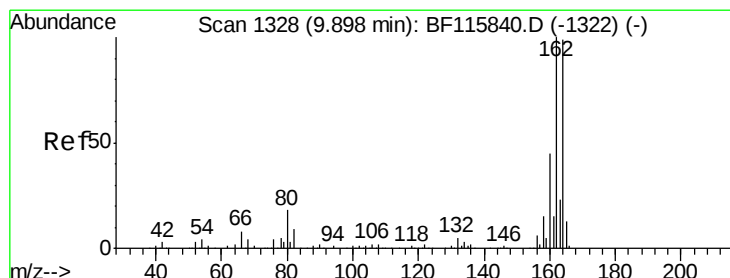
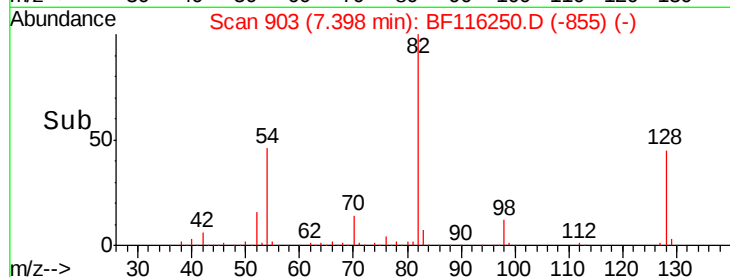
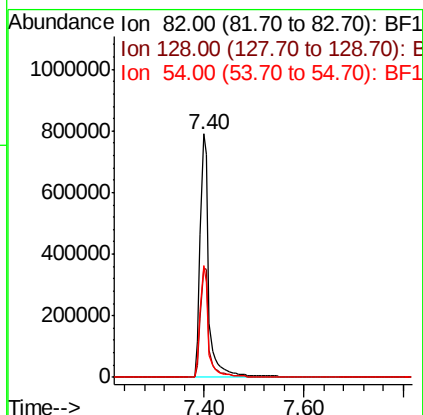
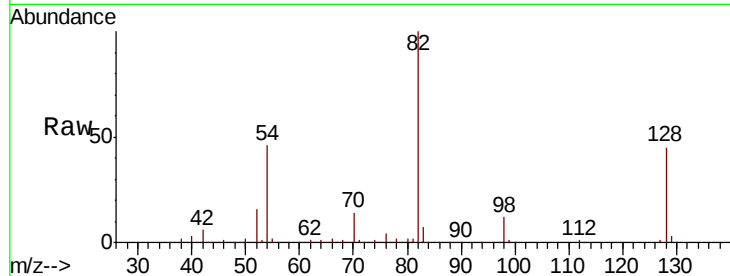




#23
 Nitrobenzene-d5
 Concen: 97.718 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

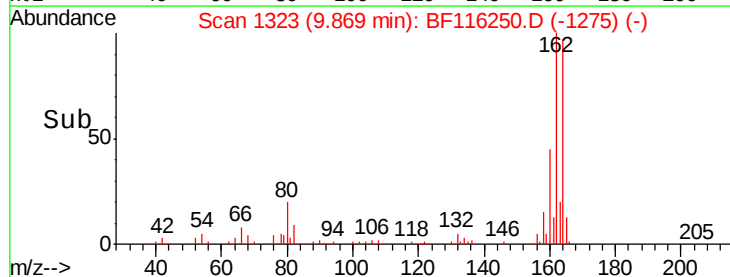
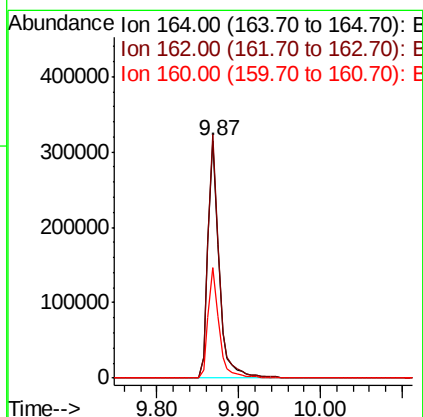
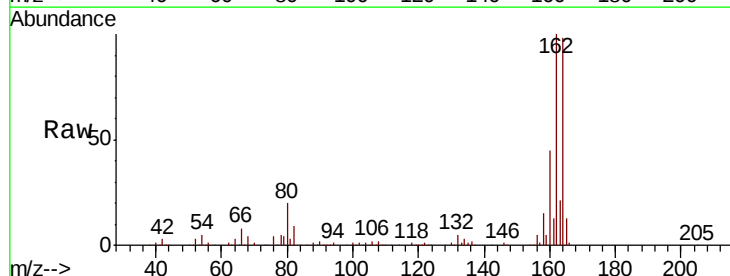
Instrument :
 BNA_F
 ClientSampleId :
 2S-A1-A4-(1)-COMP

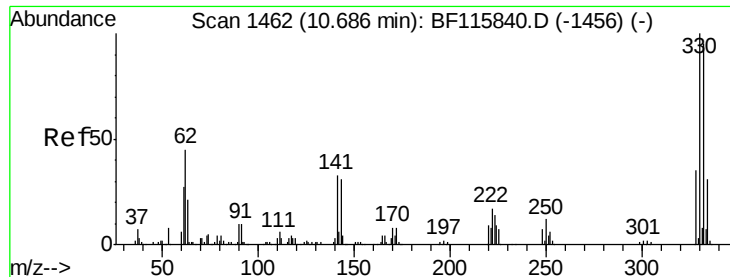
Tot Ion: 82 Resp: 957212
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.5 54.7
 54 45.8 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

Tgt Ion:164 Resp: 300750
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 124.0
 160 46.2 37.6 56.4

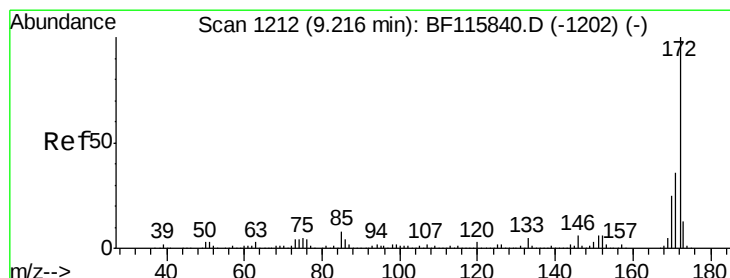
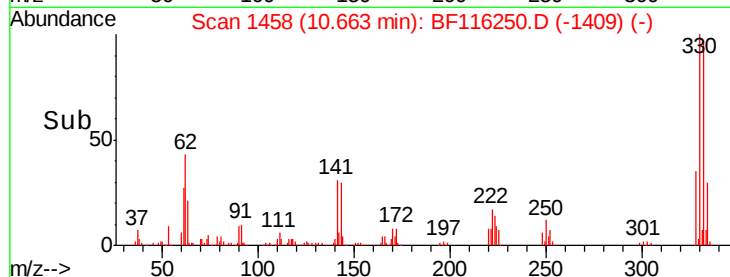
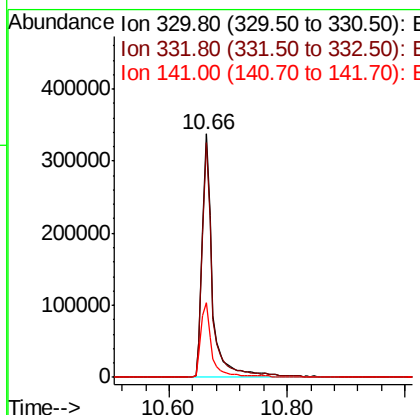
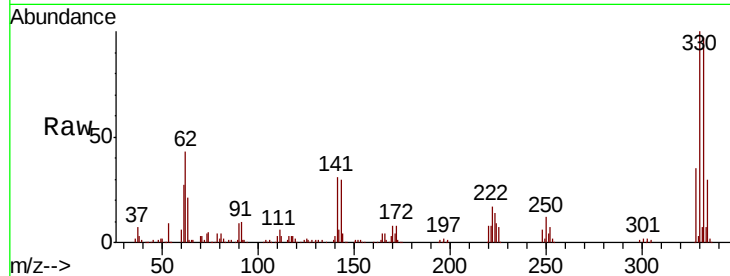




#42
 2,4,6-Tribromophenol
 Concen: 140.404 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

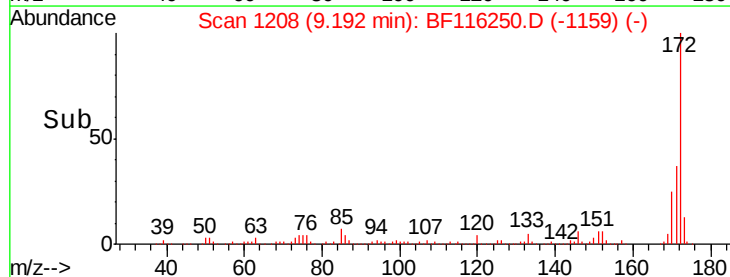
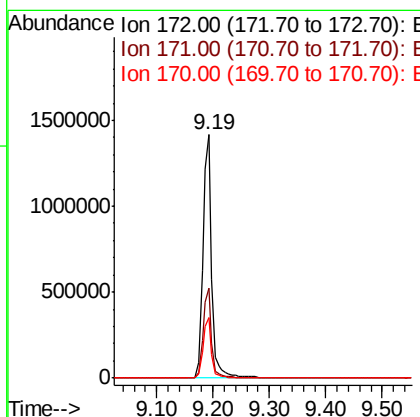
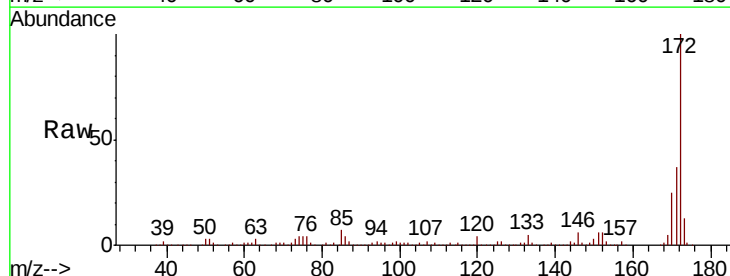
Instrument :
 BNA_F
 ClientSampleId :
 2S-A1-A4-(1)-COMP

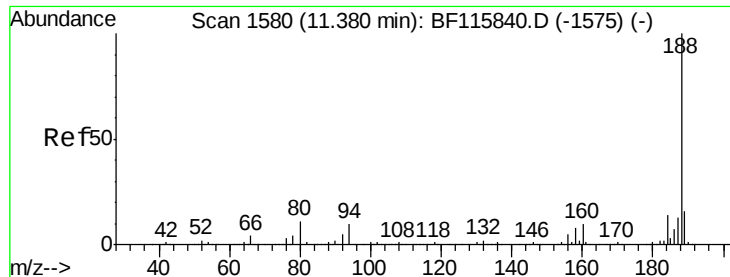
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	33.6	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 96.192 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116250.D
 Acq: 14 Aug 2019 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.1	20.1	30.1

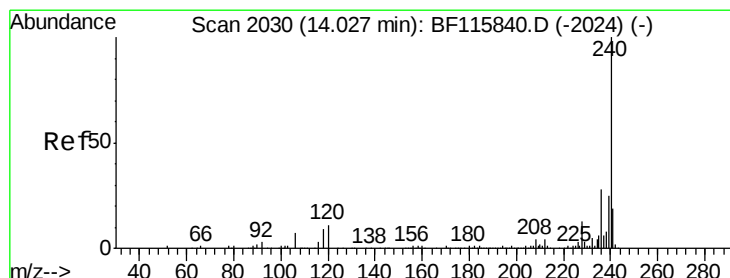
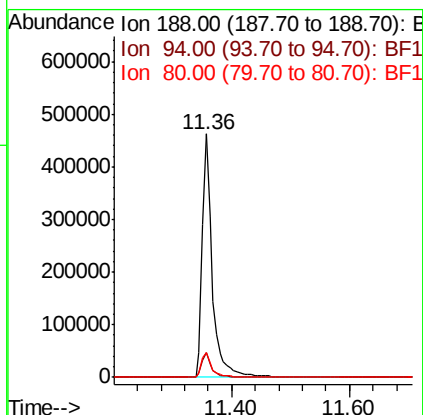
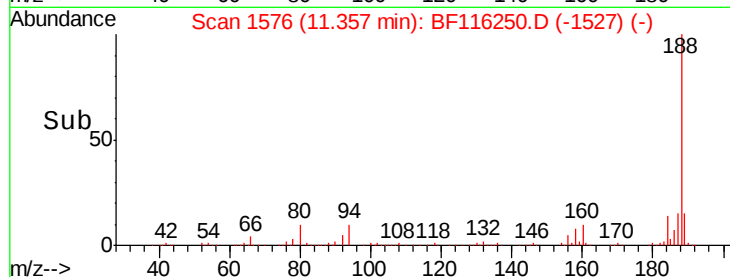
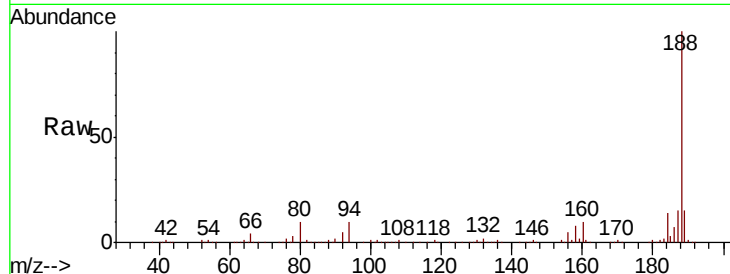




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116250.D
Acq: 14 Aug 2019 00:23

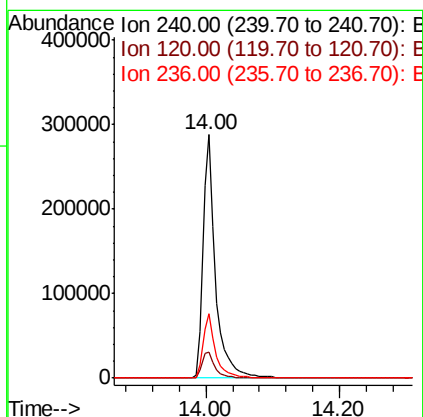
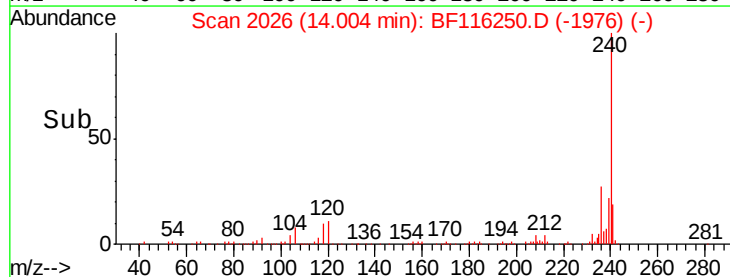
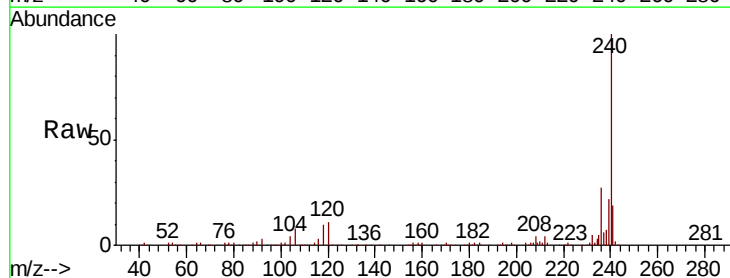
Instrument :
BNA_F
ClientSampleId :
2S-A1-A4-(1)-COMP

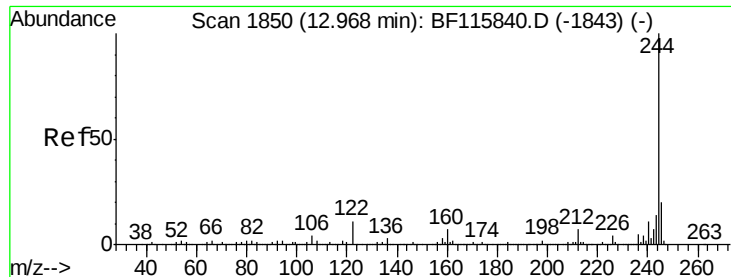
Tot Ion:188 Resp: 537208
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116250.D
Acq: 14 Aug 2019 00:23

Tgt Ion:240 Resp: 363497
Ion Ratio Lower Upper
240 100
120 10.8 10.7 16.1
236 26.6 22.2 33.2





#79

Terphenyl-d14

Concen: 100.186 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

Instrument :

BNA_F

ClientSampleId :

2S-A1-A4-(1)-COMP

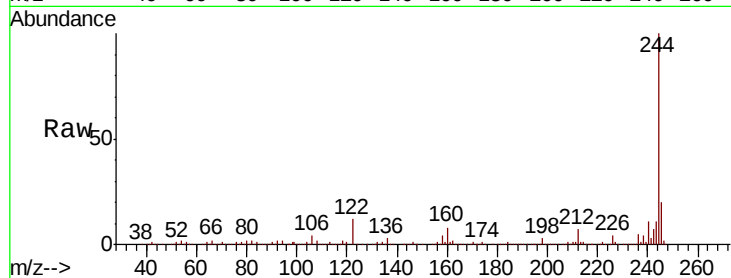
Tot Ion:244 Resp: 1728259

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

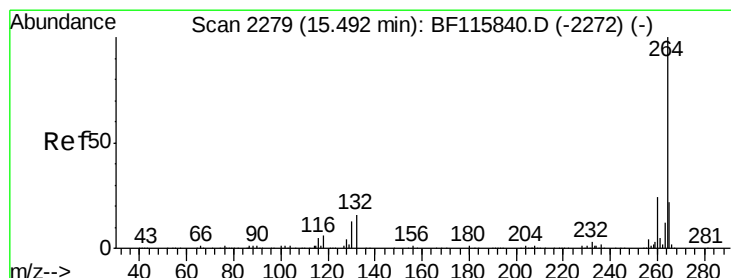
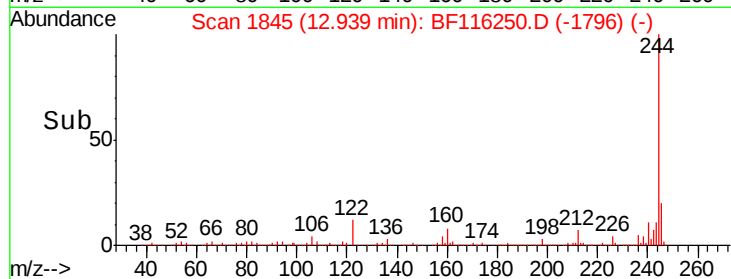
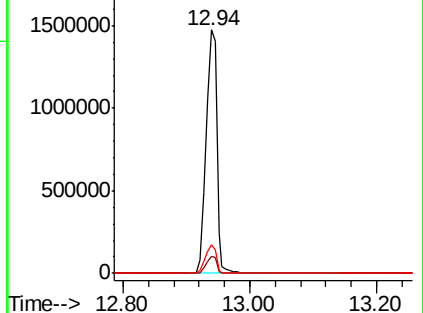
122 11.5 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116250.D

Acq: 14 Aug 2019 00:23

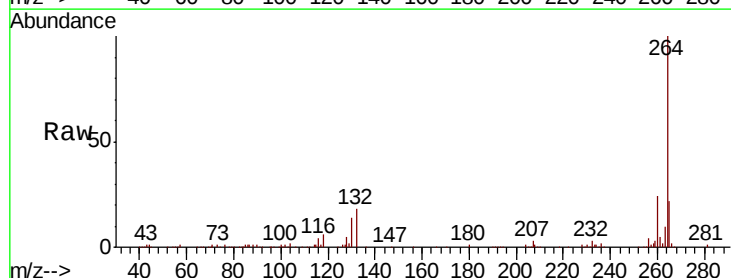
Tgt Ion:264 Resp: 352660

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.5 17.4 26.0



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

