

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
 Data File : BF112944.D
 Acq On : 8 Mar 2019 15:11
 Operator : JU/SJ
 Sample : K1783-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2019-03-05

Quant Time: Mar 08 23:30:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196003	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	747491	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	359590	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	765250	20.00	ng	0.00
76) Chrysene-d12	13.86	240	716353	20.00	ng	-0.01
87) Perylene-d12	15.26	264	617811	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	713881	56.66	ng	0.00
7) Phenol-d6	6.36	99	593872	37.52	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1147987	91.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	556766	145.85	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	2064603	99.62	ng	-0.01
79) Terphenyl-d14	12.82	244	2427967	65.70	ng	0.00

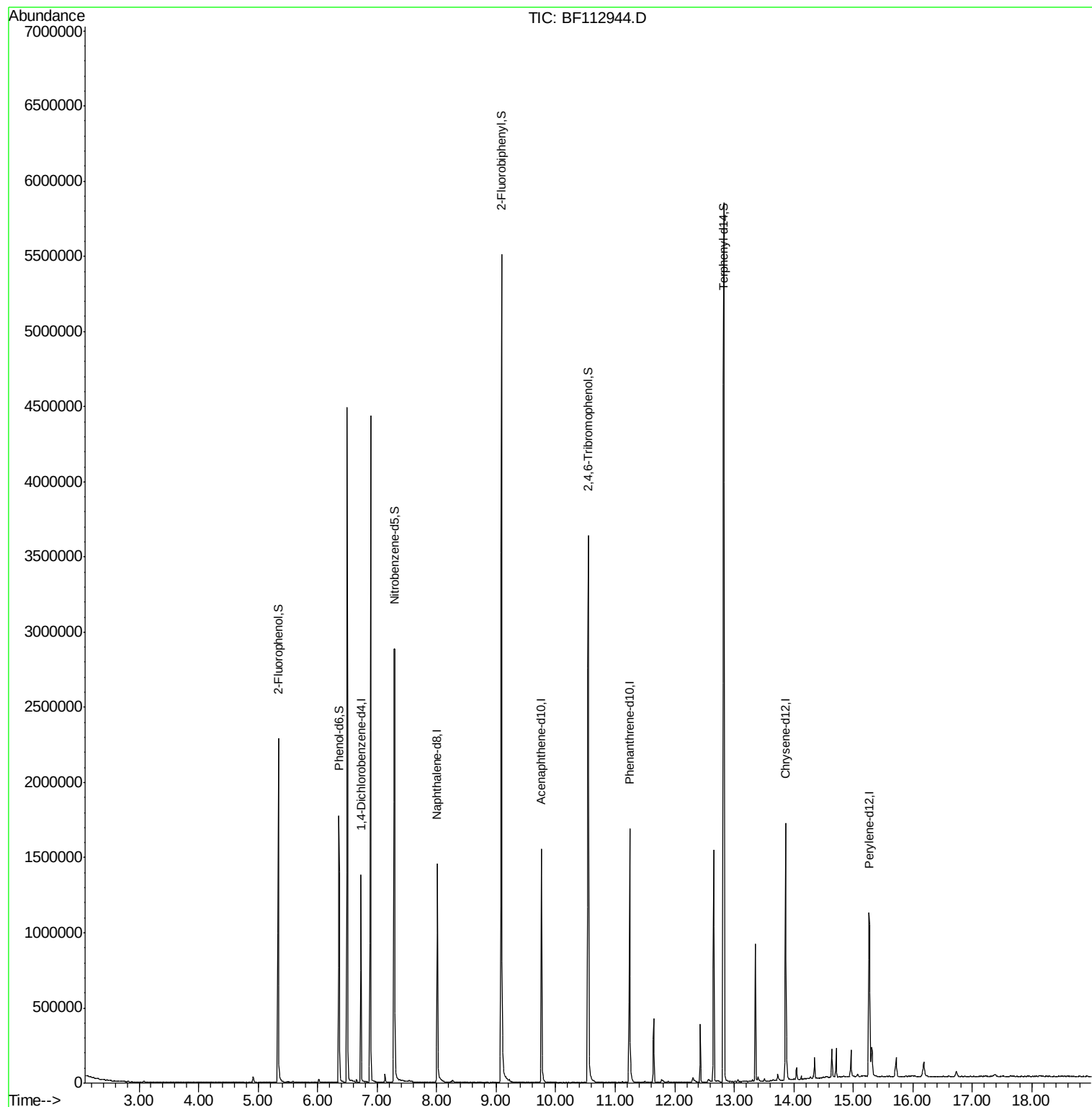
Target Compounds	Qvalue
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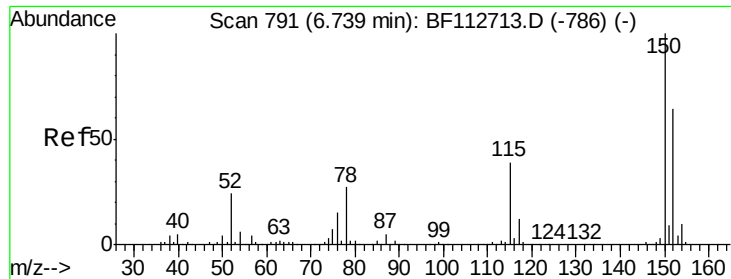
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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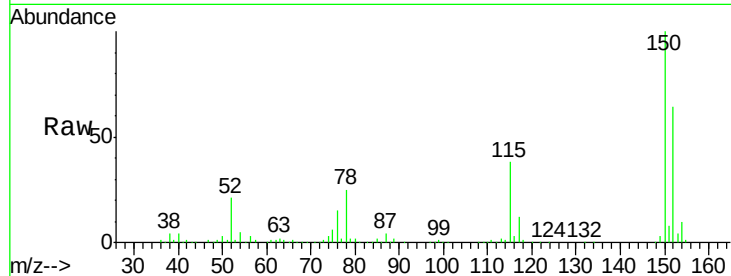




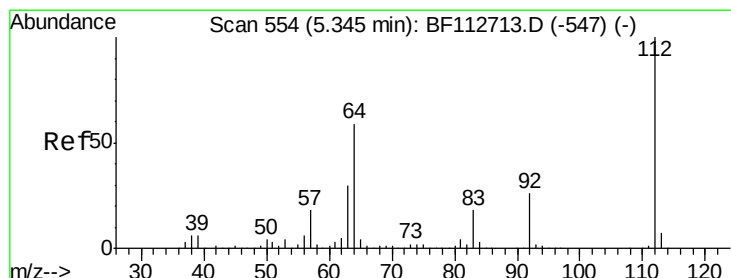
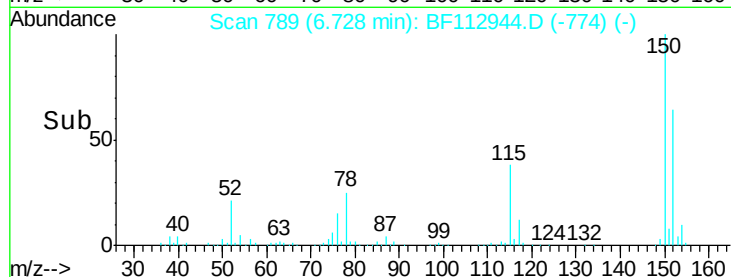
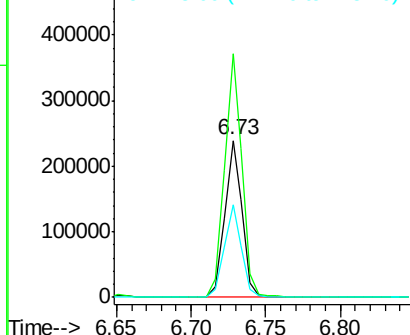
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 FB-2019-03-05

Tgt Ion:152 Resp: 196003
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.2 186.2
 115 59.0 48.2 72.4

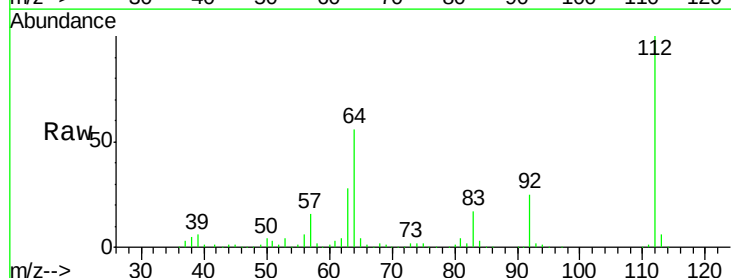


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

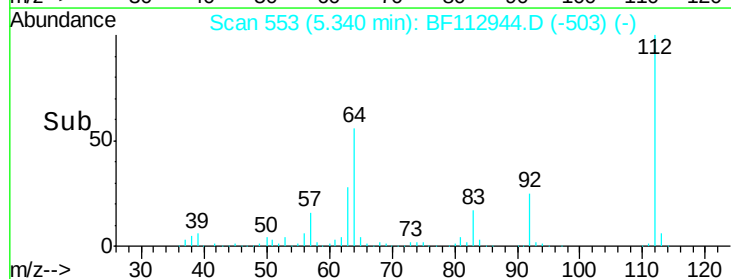
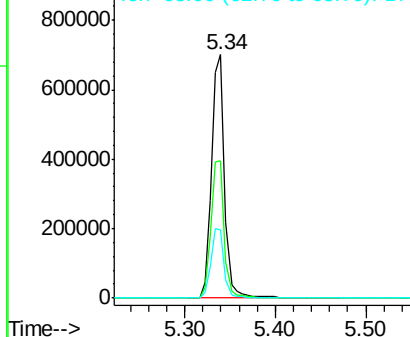


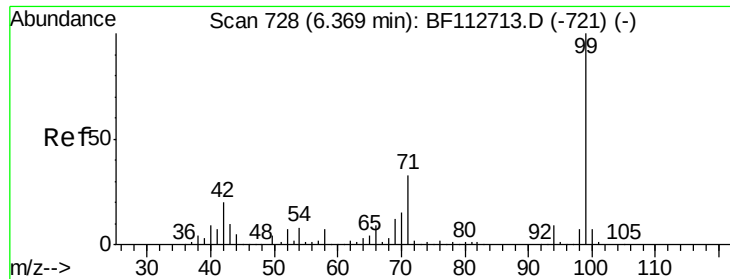
#5
 2-Fluorophenol
 Concen: 56.656 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Tgt Ion:112 Resp: 713881
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.6 71.4
 63 28.0 24.4 36.6



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: 37.520 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112944.D

Acq: 8 Mar 2019 15:11

Instrument :

BNA_F

ClientSampleId :

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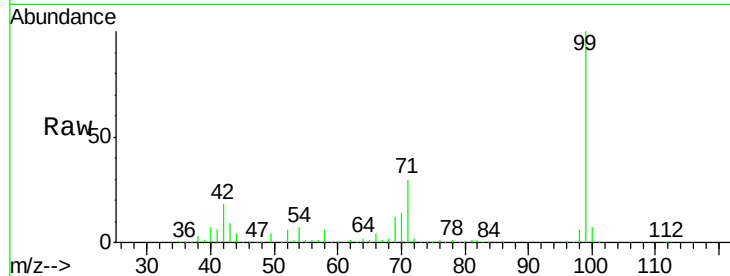
Tgt Ion: 99 Resp: 593872

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

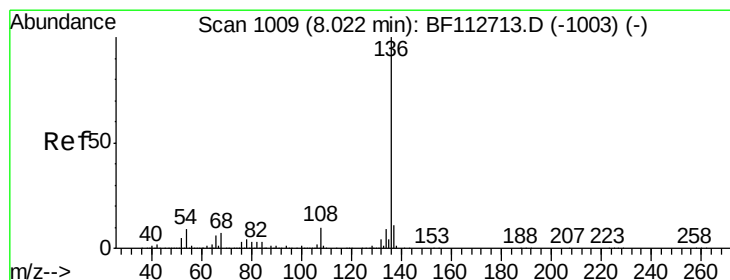
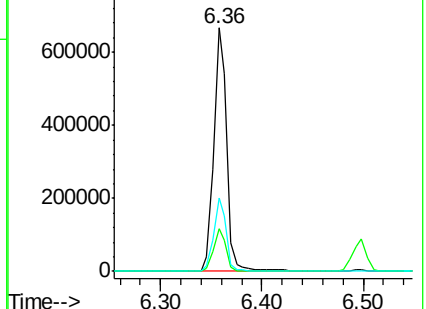
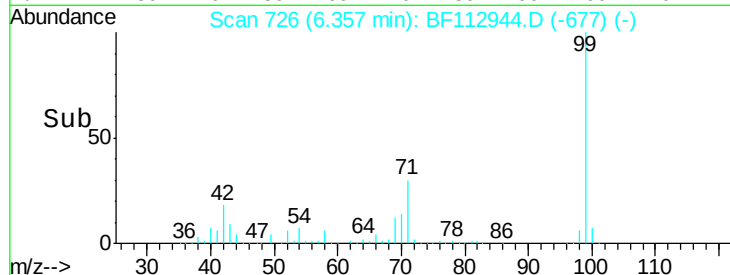
71 30.0 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112944.D

Acq: 8 Mar 2019 15:11

Tgt Ion: 136 Resp: 747491

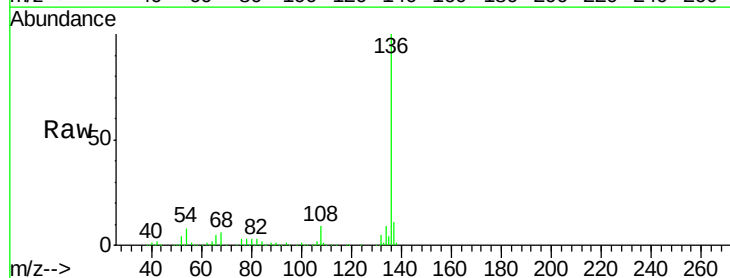
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.3 10.9

68 6.4 5.4 8.2

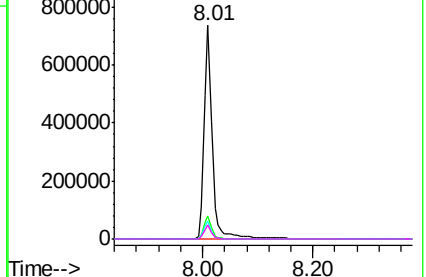
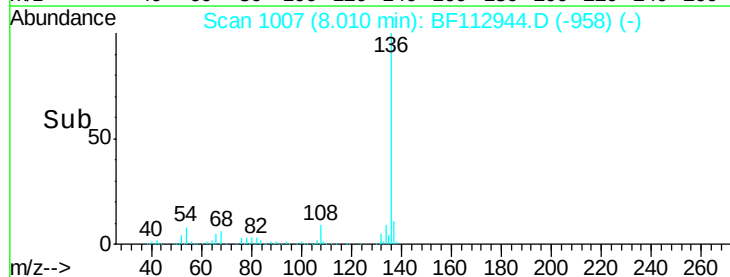


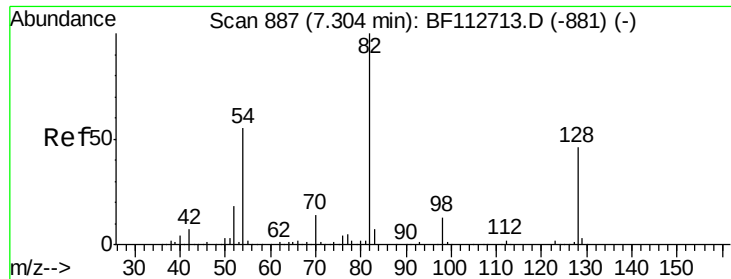
Abundance Ion 136.00 (135.70 to 136.70): E

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

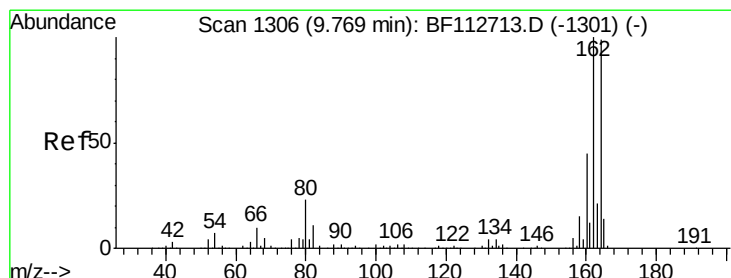
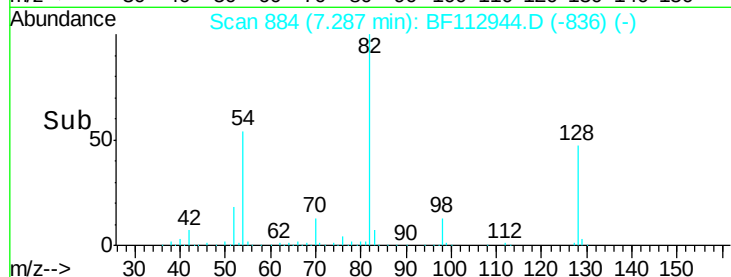
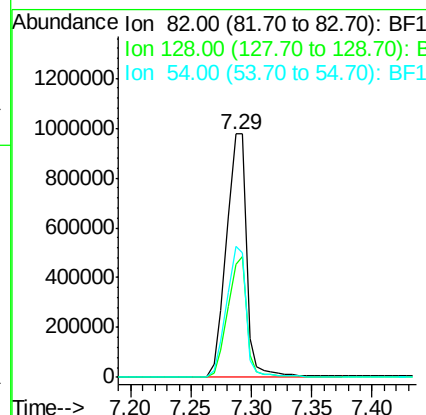
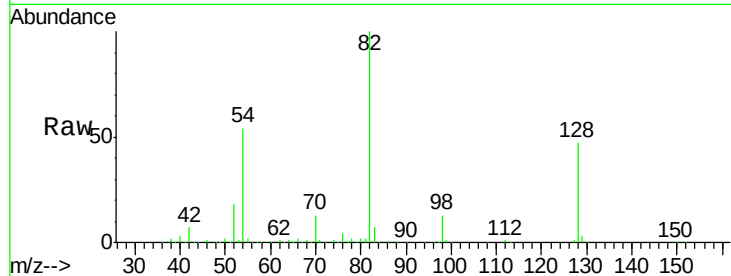




#23
Nitrobenzene-d5
Concen: 91.898 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

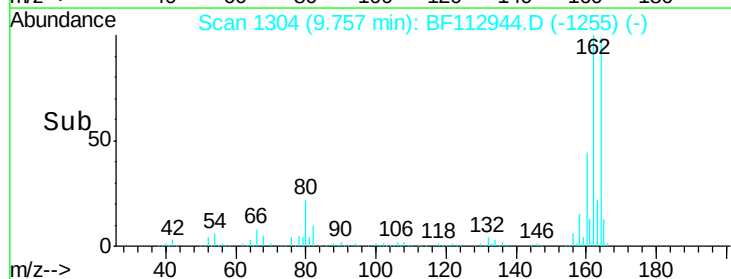
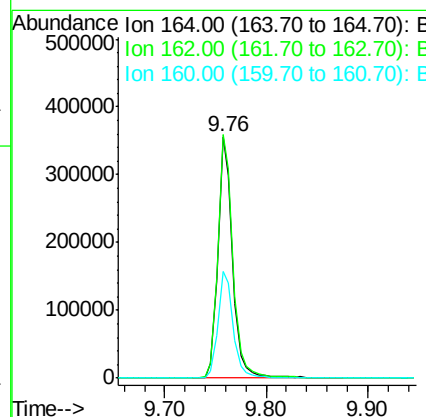
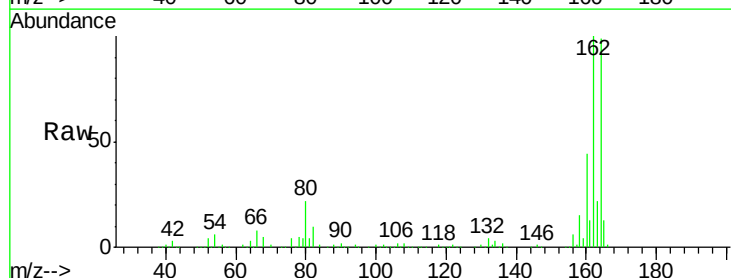
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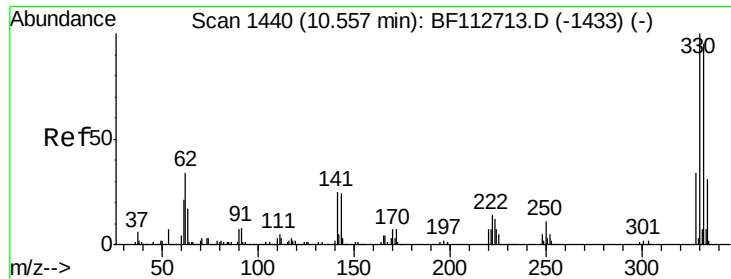
Tgt Ion: 82 Resp: 1147987
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 53.6 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Tgt Ion: 164 Resp: 359590
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.3 36.0 54.0

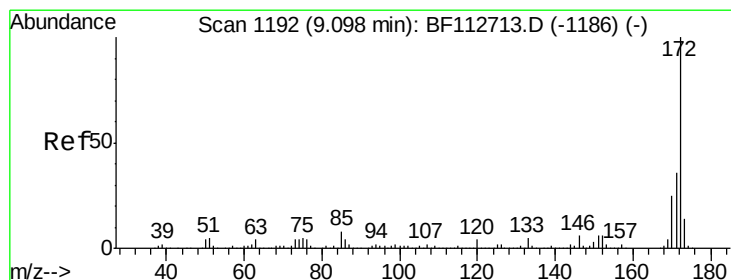
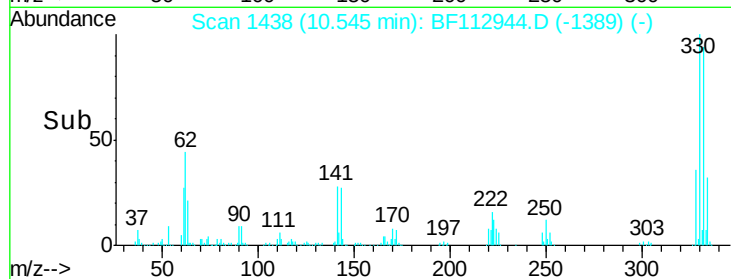
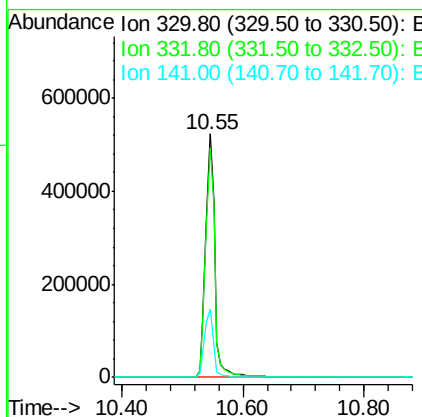
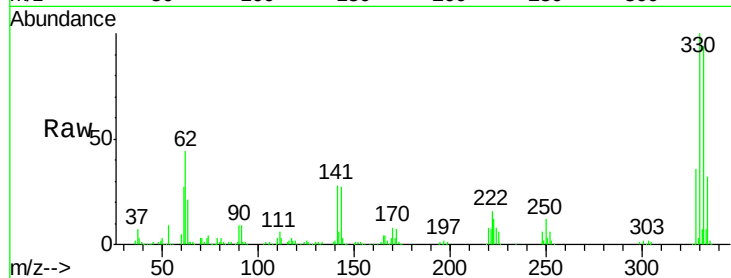




#42
 2,4,6-Tribromophenol
 Concen: 145.846 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

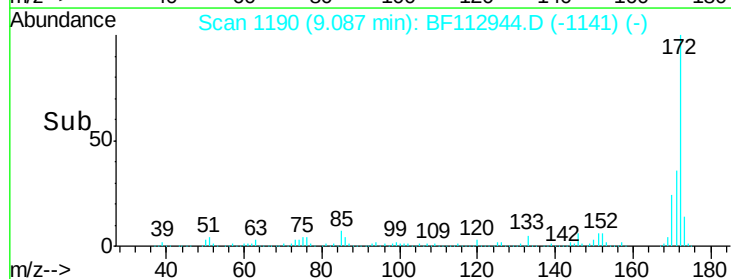
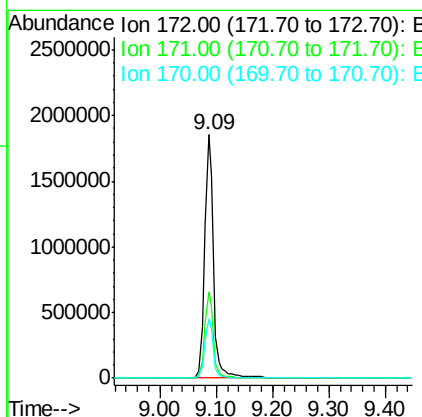
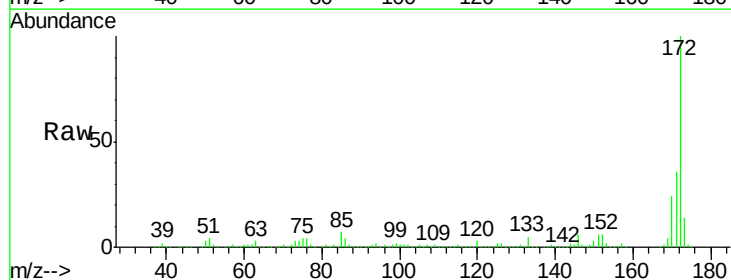
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 FB-2019-03-05

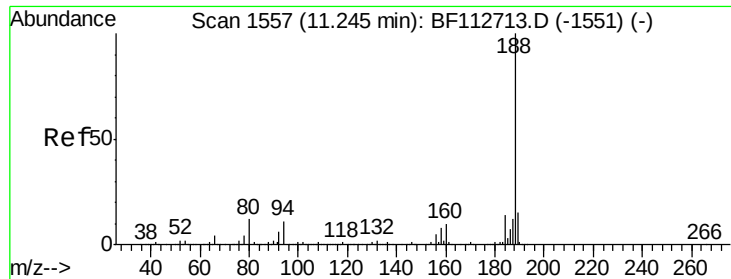
Tgt Ion:330 Resp: 556766
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 27.8 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 99.617 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Tgt Ion:172 Resp: 2064603
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 24.5 20.0 30.0

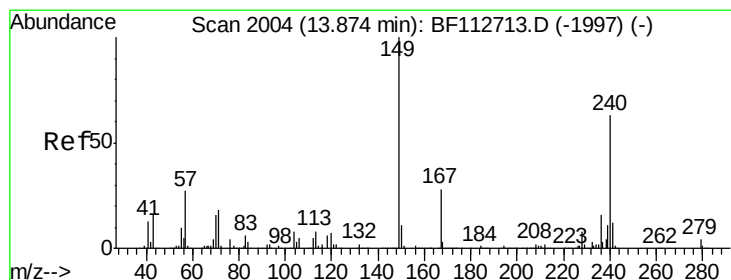
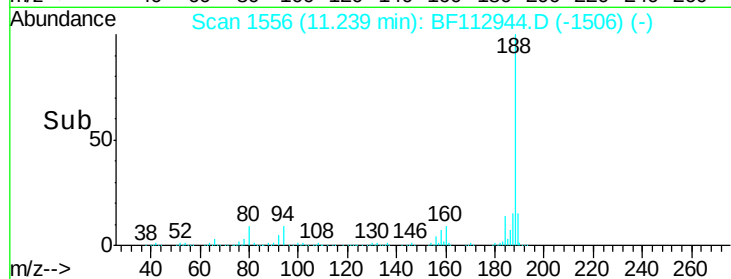
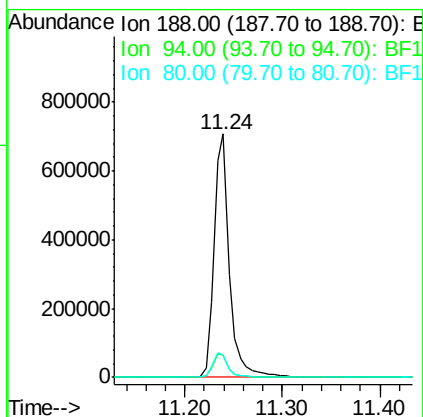
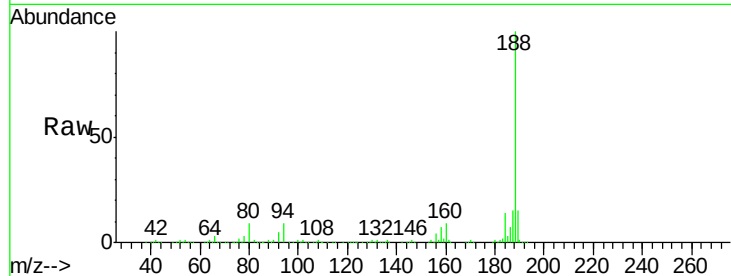




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

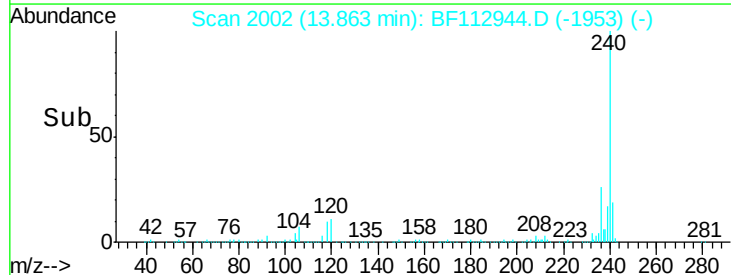
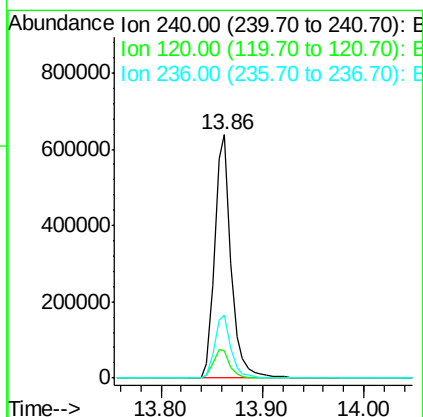
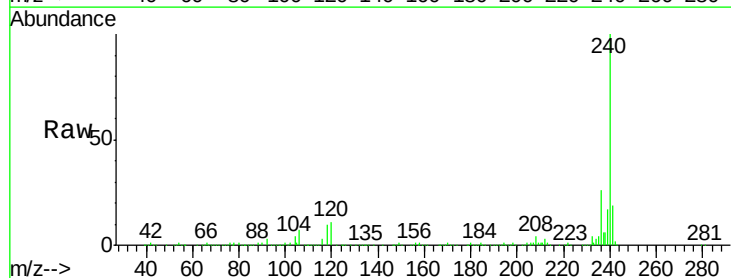
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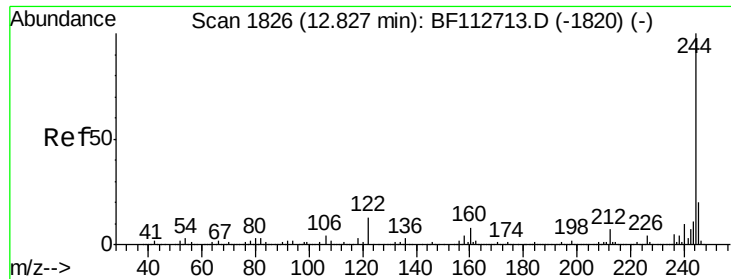
Tgt Ion:188 Resp: 765250
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.4
80 9.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112944.D
Acq: 8 Mar 2019 15:11

Tgt Ion:240 Resp: 716353
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.0 20.7 31.1

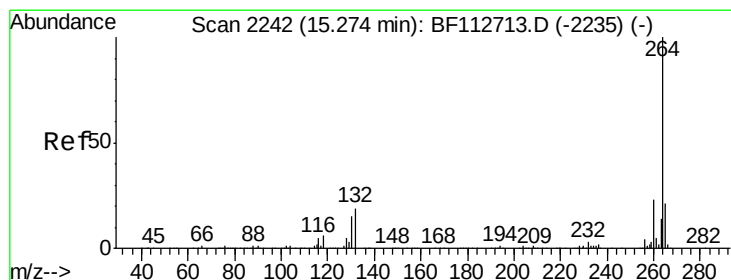
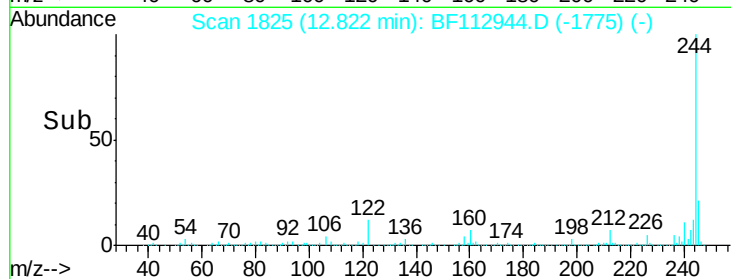
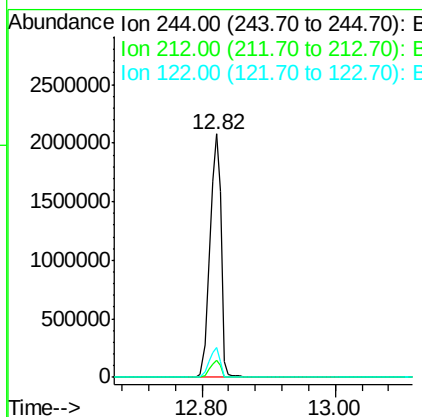
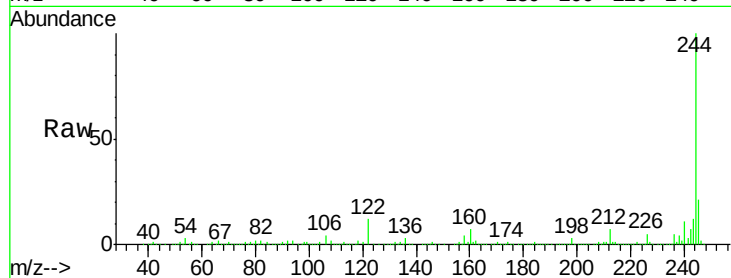




#79
 Terphenyl-d14
 Concen: 65.702 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 FB-2019-03-05

Tgt Ion:244 Resp: 2427967
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.3 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112944.D
 Acq: 8 Mar 2019 15:11

Tgt Ion:264 Resp: 617811
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.5 17.2 25.8

