

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113671.D
 Acq On : 9 Apr 2019 19:57
 Operator : JU/SJ
 Sample : K2199-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-040819-A

Quant Time: Apr 10 07:11:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	107221	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	398810	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	178712	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	317336	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	318967	20.00	ng	-0.02
87) Perylene-d12	15.23	264	297302	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	722706	114.94	ng	0.00
7) Phenol-d6	6.33	99	839509	108.33	ng	0.00
23) Nitrobenzene-d5	7.25	82	622992	91.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	284335	132.45	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1141697	102.85	ng	-0.02
79) Terphenyl-d14	12.77	244	1120797	71.54	ng	-0.02

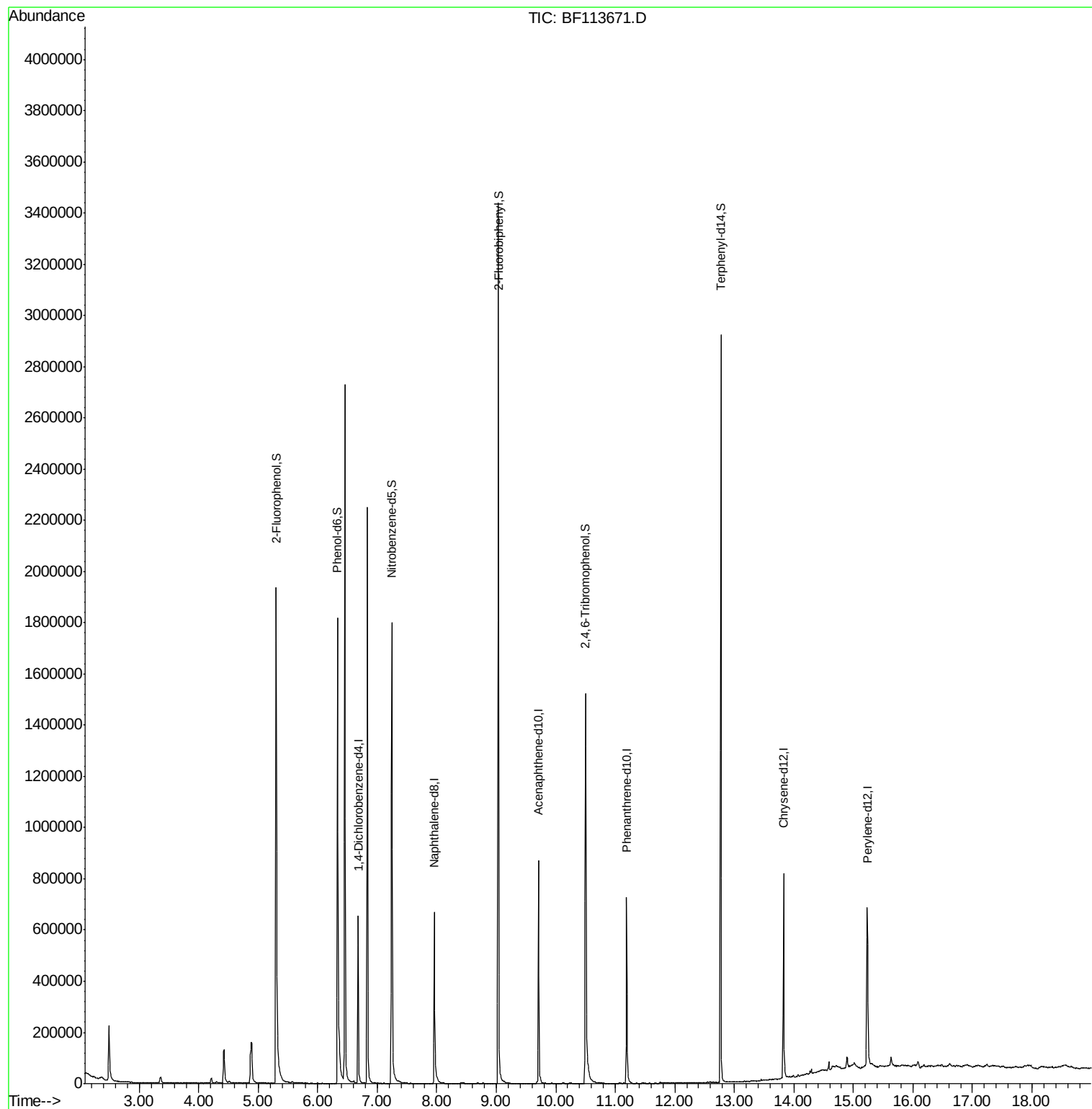
Target Compounds	Qvalue
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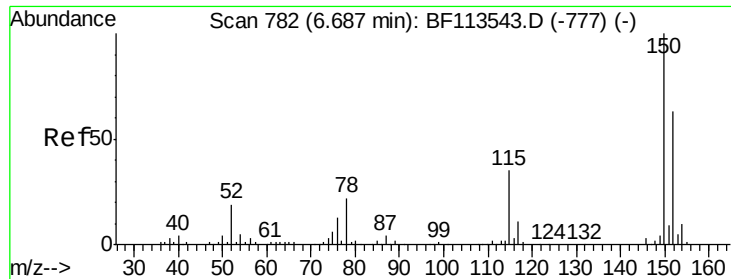
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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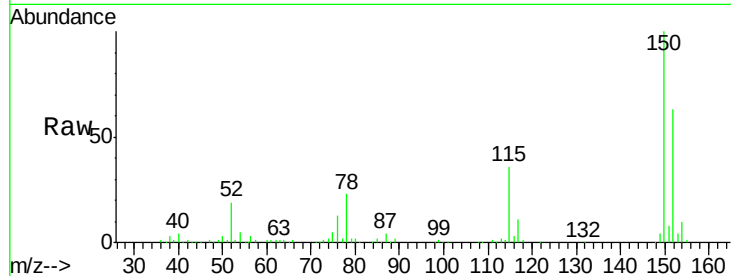


#1

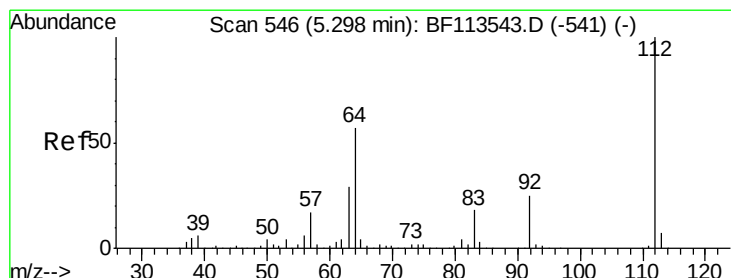
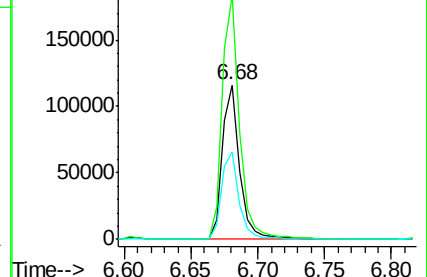
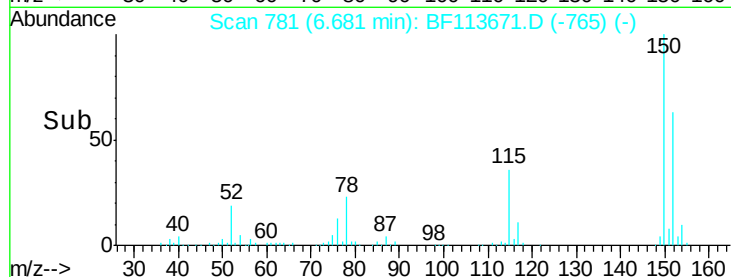
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113671.D
Acq: 9 Apr 2019 19:57

Instrument :
BNA_F
ClientSampleId :
OR-03-040819-A

Tgt Ion:152 Resp: 107221
Ion Ratio Lower Upper
152 100
150 157.6 124.7 187.1
115 56.3 46.0 69.0



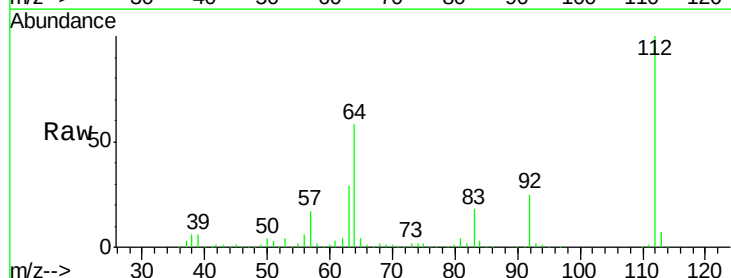
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



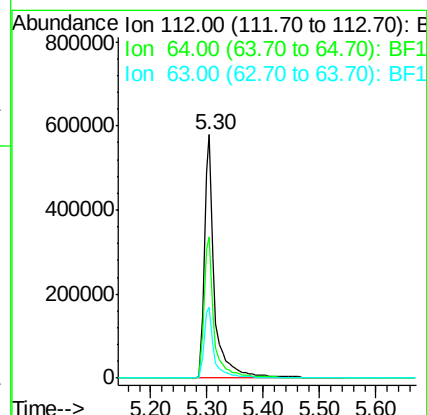
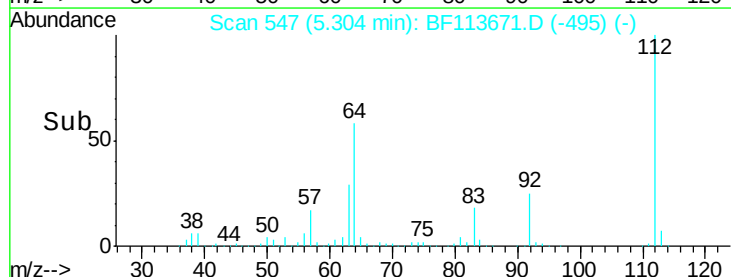
#5

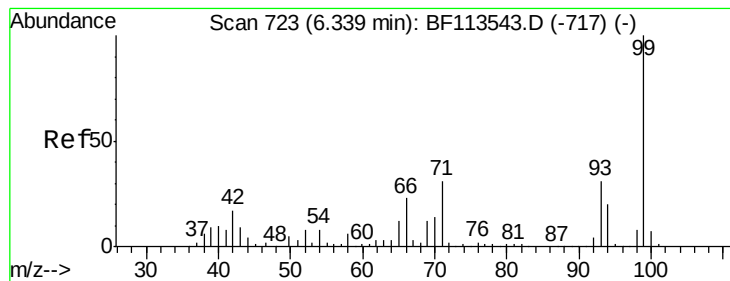
2-Fluorophenol
Concen: 114.938 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113671.D
Acq: 9 Apr 2019 19:57

Tgt Ion:112 Resp: 722706
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 29.1 24.9 37.3



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: 108.328 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113671.D

Acq: 9 Apr 2019 19:57

Instrument :

BNA_F

ClientSampleId :

OR-03-040819-A

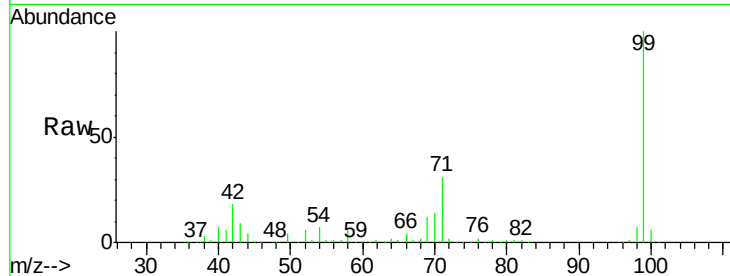
Tgt Ion: 99 Resp: 839509

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

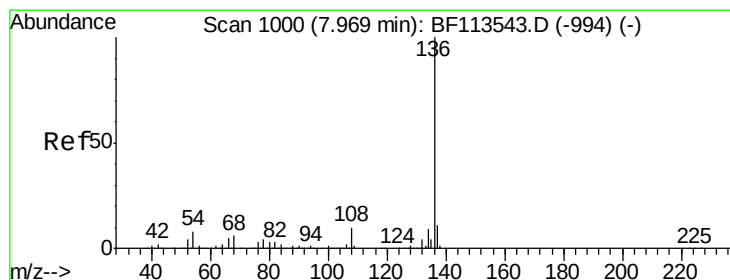
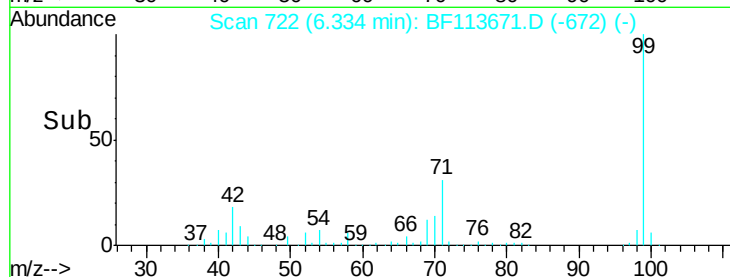
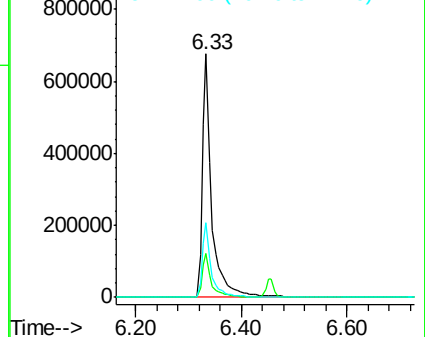
71 30.9 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113671.D

Acq: 9 Apr 2019 19:57

Tgt Ion: 136 Resp: 398810

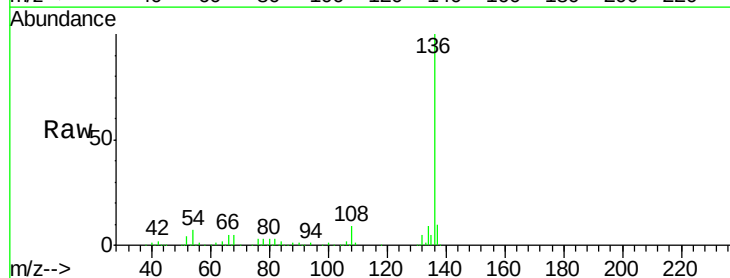
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.3 7.0 10.6

68 5.4 4.8 7.2

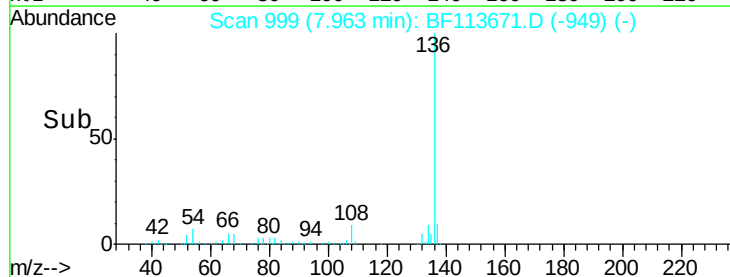
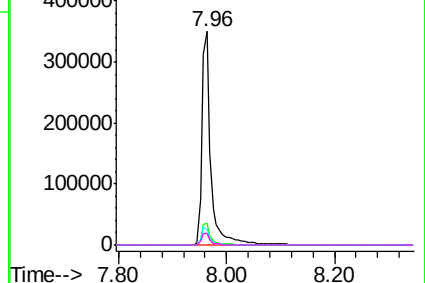


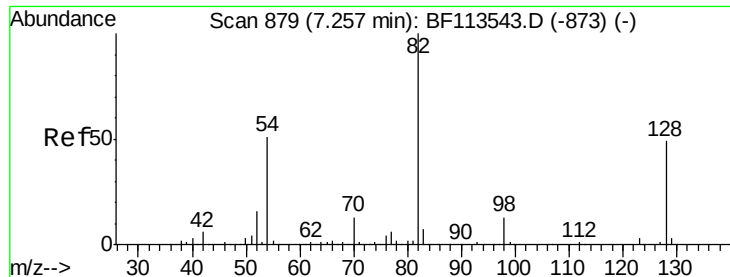
Abundance Ion 136.00 (135.70 to 136.70): E

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

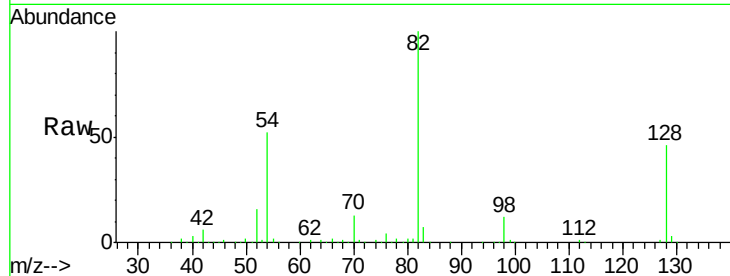




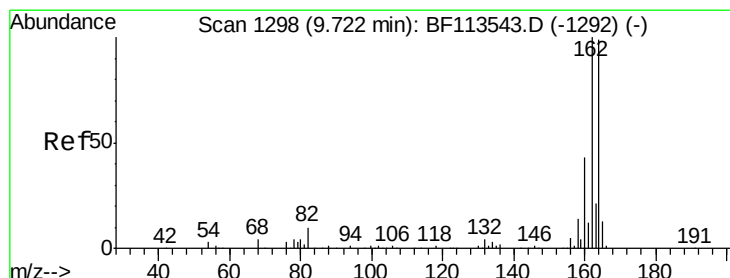
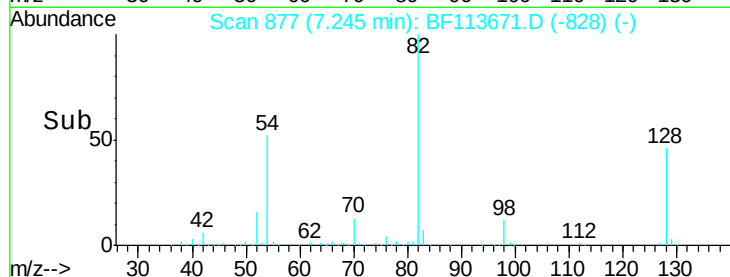
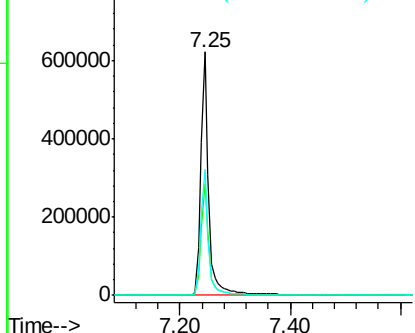
#23
Nitrobenzene-d5
Concen: 91.502 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113671.D
Acq: 9 Apr 2019 19:57

Instrument :
BNA_F
ClientSampleId :
OR-03-040819-A

Tgt Ion: 82 Resp: 622992
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 51.8 42.2 63.2

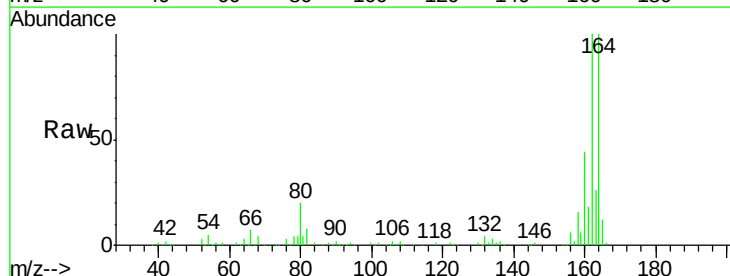


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

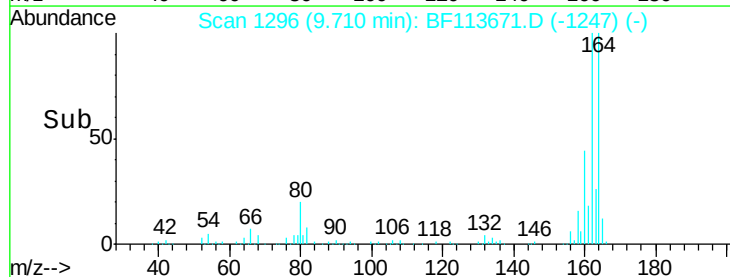
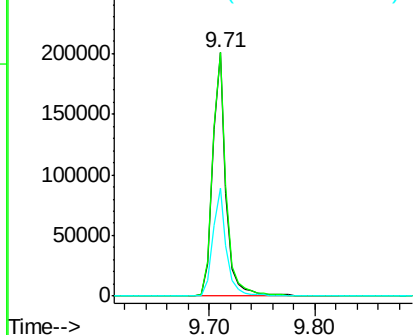


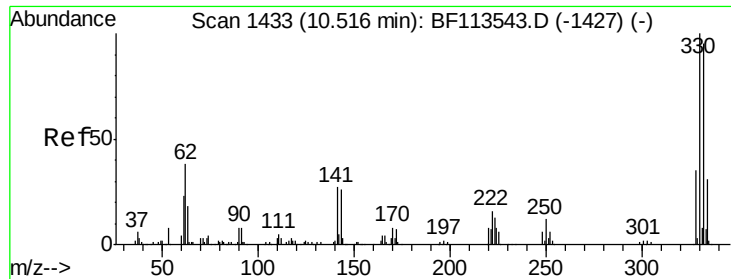
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113671.D
Acq: 9 Apr 2019 19:57

Tgt Ion: 164 Resp: 178712
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 44.3 36.4 54.6



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

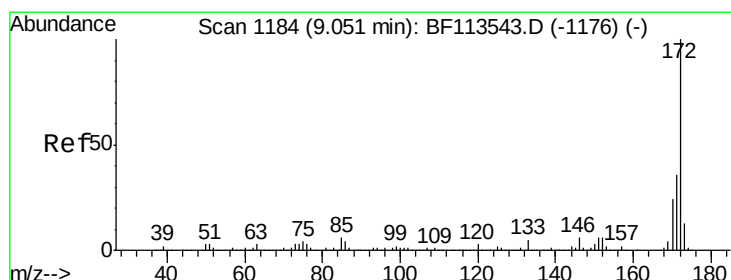
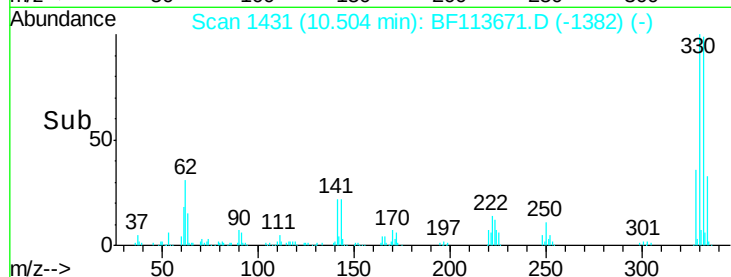
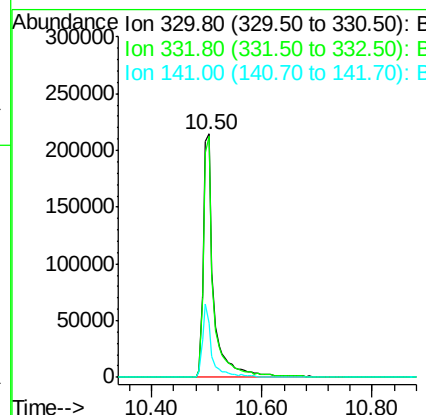
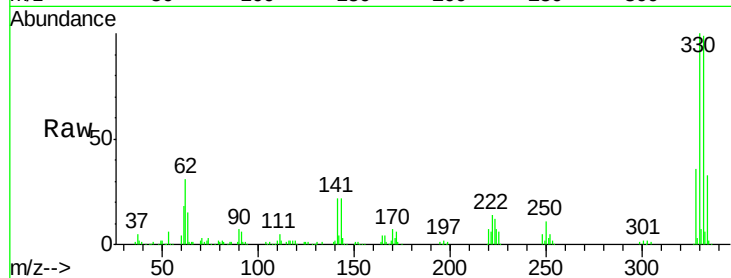




#42
 2,4,6-Tribromophenol
 Concen: 132.448 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113671.D
 Acq: 9 Apr 2019 19:57

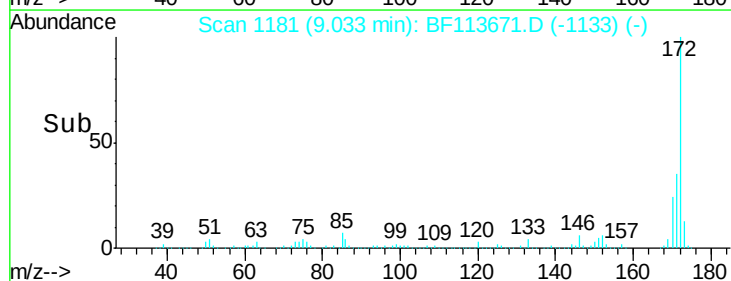
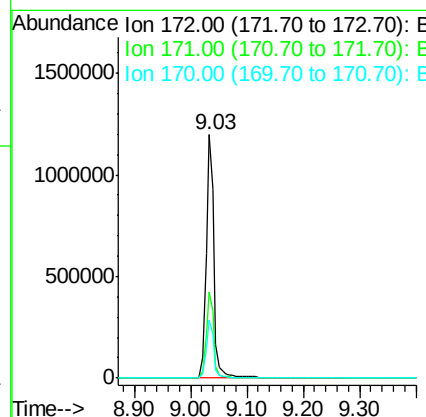
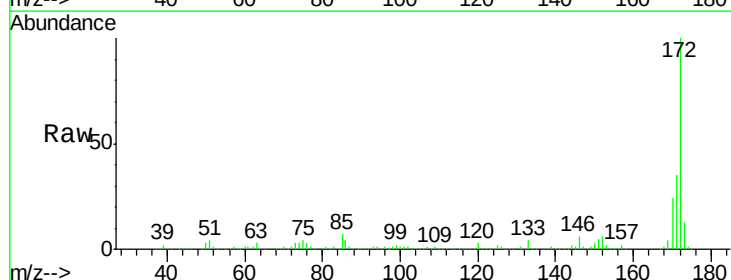
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 OR-03-040819-A

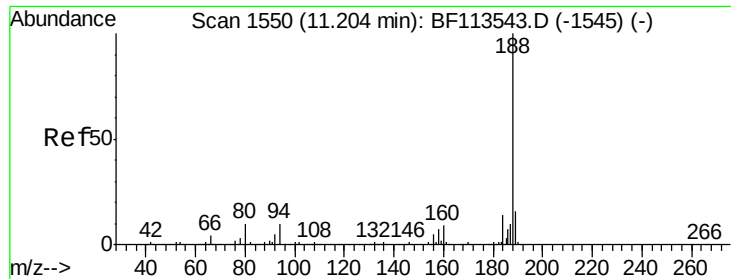
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.6
141	27.0	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 102.847 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113671.D
 Acq: 9 Apr 2019 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.1	19.5	29.3

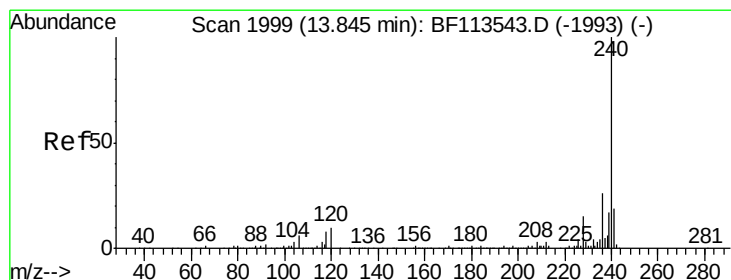
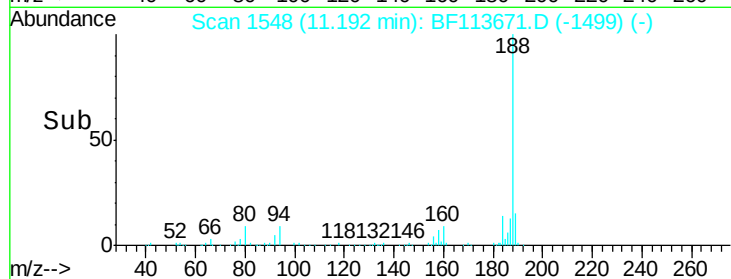
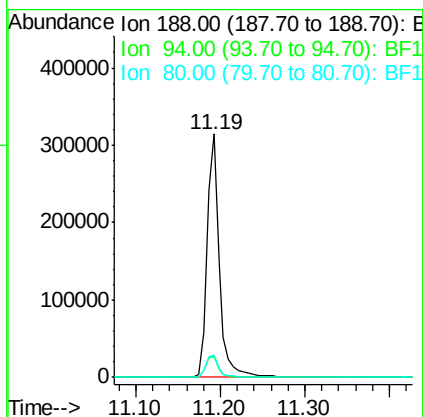
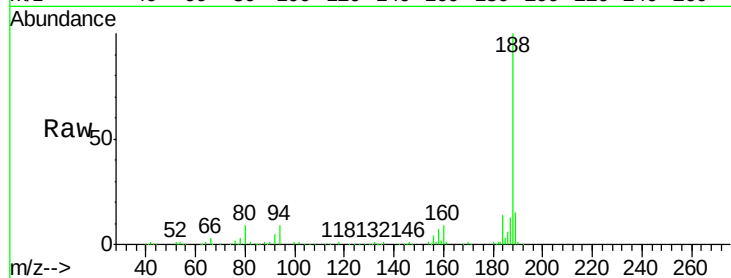




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113671.D
Acq: 9 Apr 2019 19:57

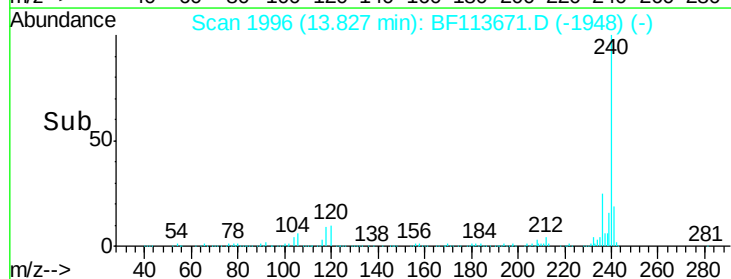
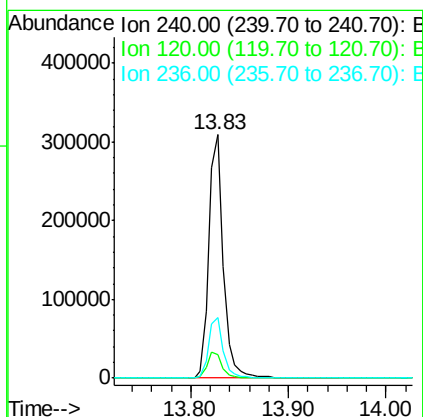
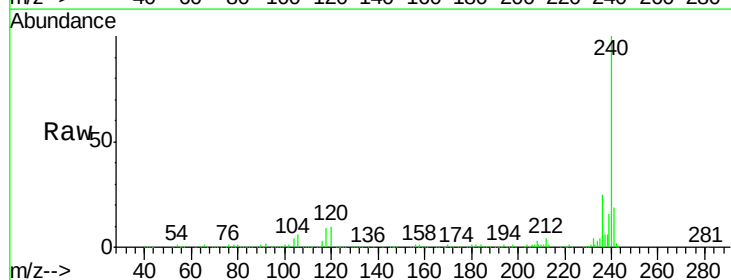
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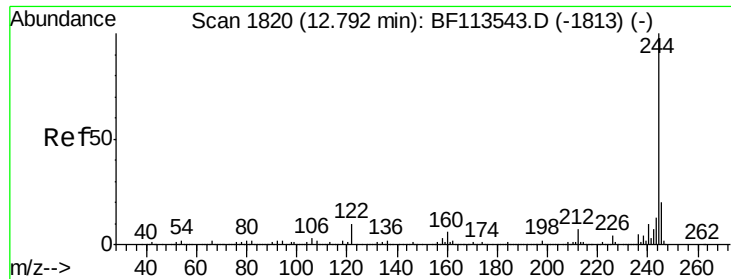
Tgt Ion:188 Resp: 317336
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113671.D
Acq: 9 Apr 2019 19:57

Tgt Ion:240 Resp: 318967
Ion Ratio Lower Upper
240 100
120 9.8 8.8 13.2
236 24.9 20.9 31.3

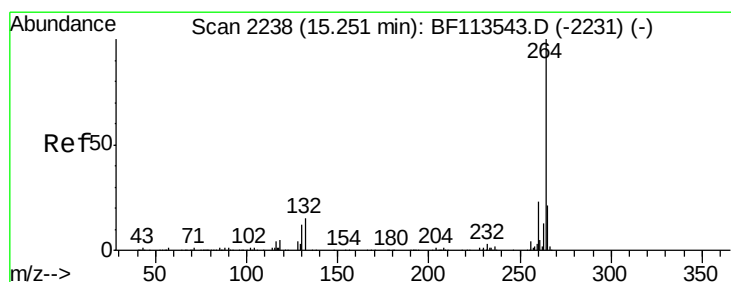
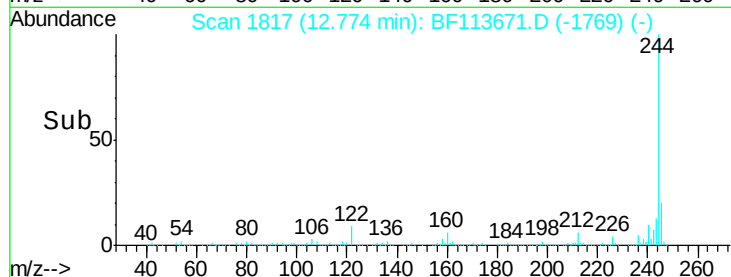
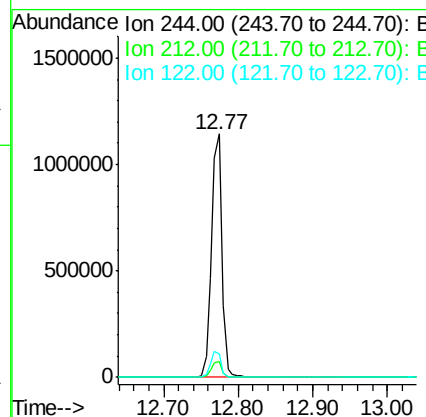
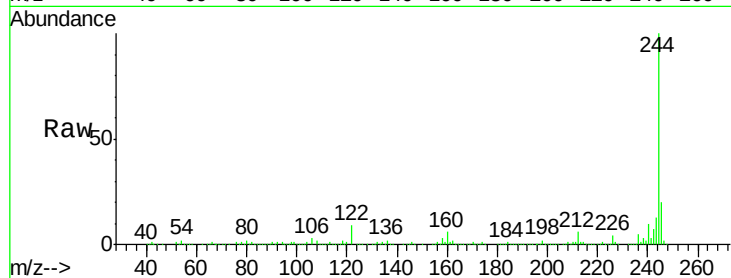




#79
 Terphenyl-d14
 Concen: 71.542 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113671.D
 Acq: 9 Apr 2019 19:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1120797
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 9.4 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113671.D
 Acq: 9 Apr 2019 19:57

Tgt Ion:264 Resp: 297302
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.0 17.1 25.7

