

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112956.D
 Acq On : 11 Mar 2019 15:58
 Operator : JU/SJ
 Sample : K1837-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-07-COMP

Quant Time: Mar 12 04:53:07 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

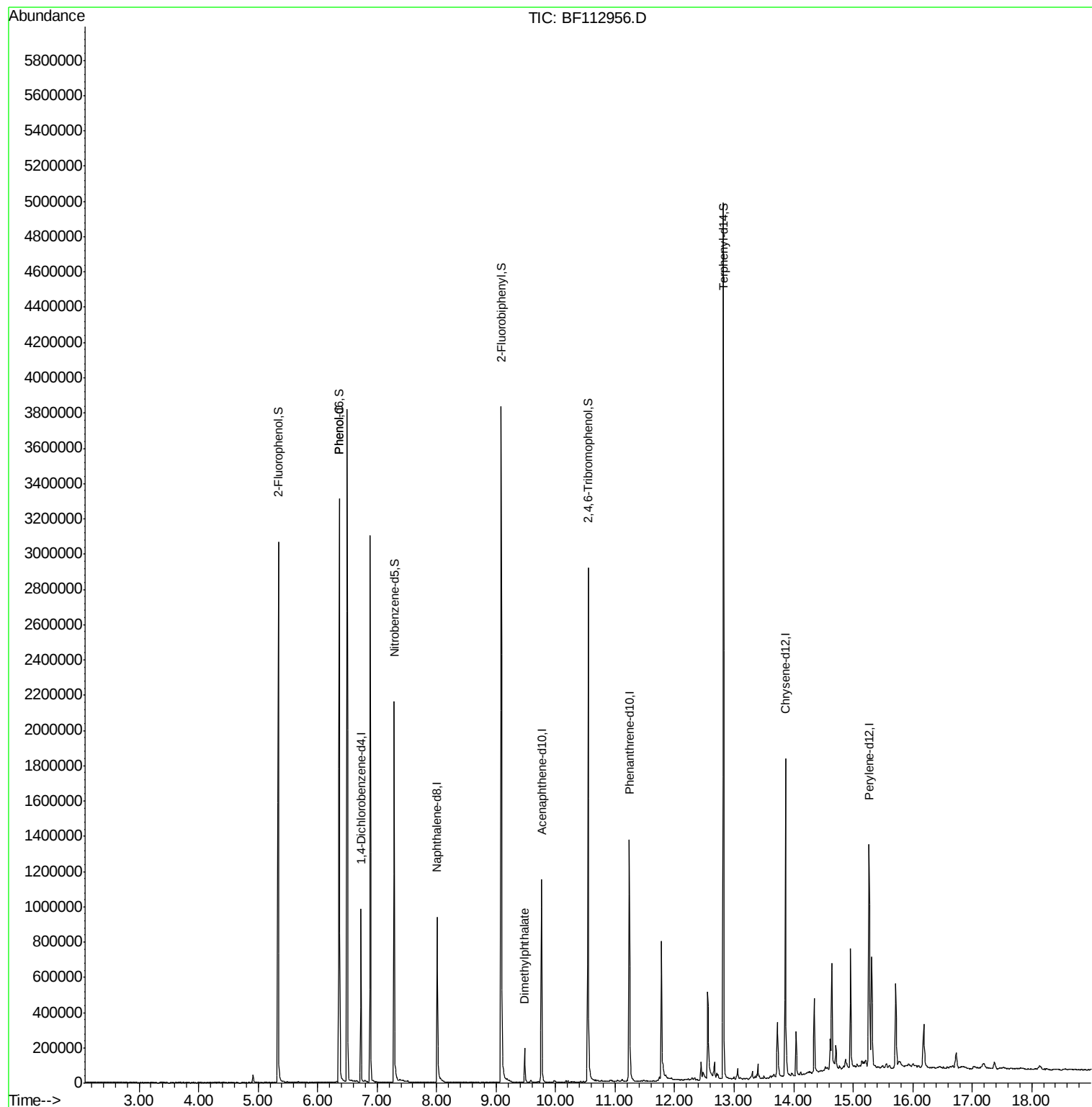
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	133314	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	506525	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	250093	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	573646	20.00	ng	0.00
76) Chrysene-d12	13.86	240	647437	20.00	ng	-0.01
87) Perylene-d12	15.27	264	615537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	953874	111.30	ng	0.00
7) Phenol-d6	6.37	99	1249144	116.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	750535	88.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	414233	156.02	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1306377	87.12	ng	-0.01
79) Terphenyl-d14	12.82	244	1800585	53.91	ng	0.00
Target Compounds						
10) Phenol	6.37	94	56859	4.526	ng	97
50) Dimethylphthalate	9.48	163	90497	4.907	ng	97

(#) = 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: BF112956.D

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Instrument :

BNA_F

ClientSampleId :

MR-MH-07-COMP

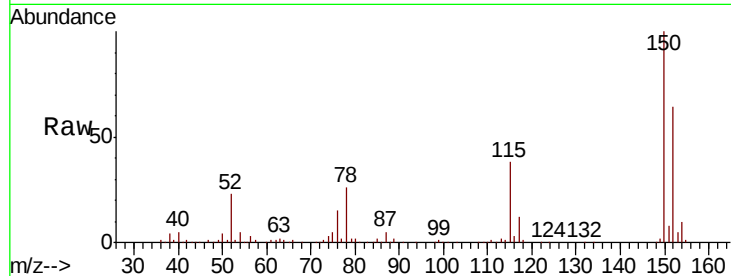
Tot Ion:152 Resp: 133314

Ion Ratio Lower Upper

152 100

150 156.3 124.2 186.2

115 59.9 48.2 72.4

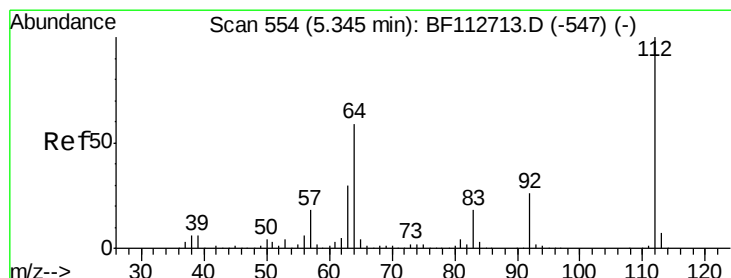
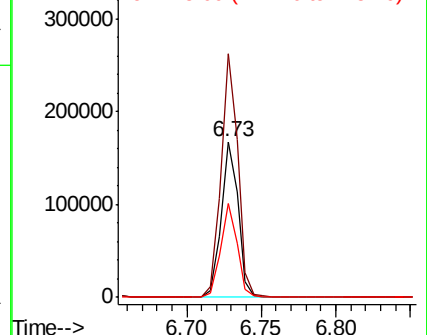
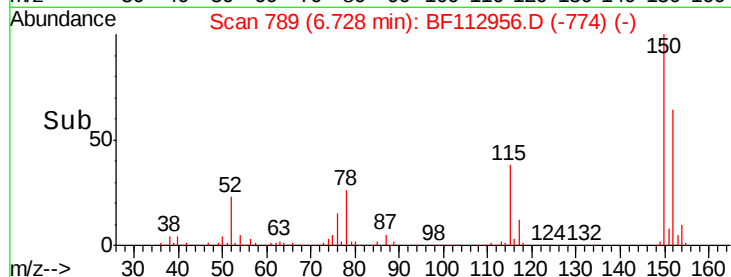


Abundance

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: 111.301 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112956.D

Acq: 11 Mar 2019 15:58

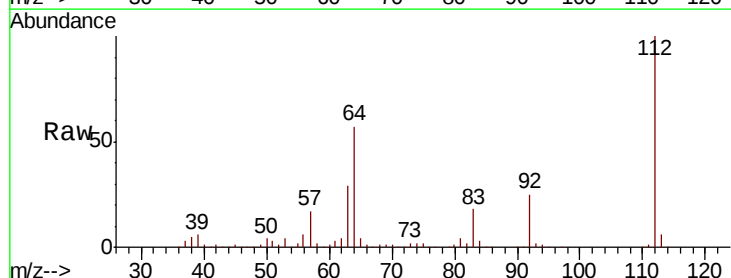
Tgt Ion:112 Resp: 953874

Ion Ratio Lower Upper

112 100

64 57.2 47.6 71.4

63 29.3 24.4 36.6

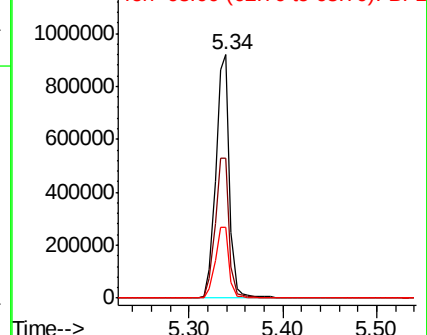
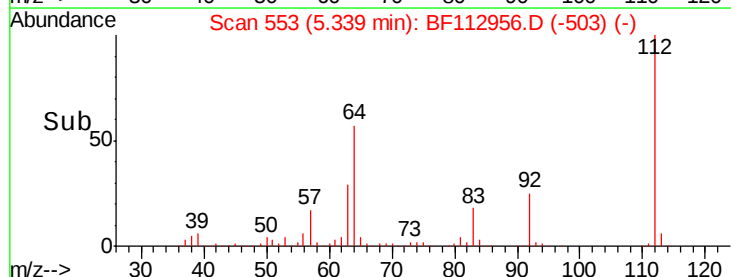


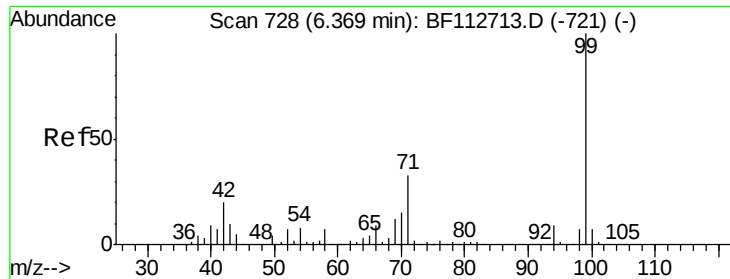
Abundance

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: 116.031 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112956.D

Acq: 11 Mar 2019 15:58

Instrument :

BNA_F

ClientSampleId :

MR-MH-07-COMP

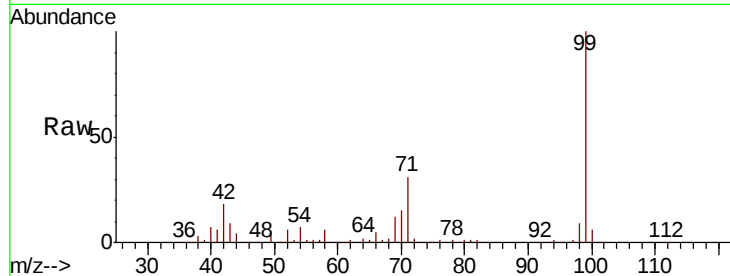
Tot Ion: 99 Resp: 1249144

Ion Ratio Lower Upper

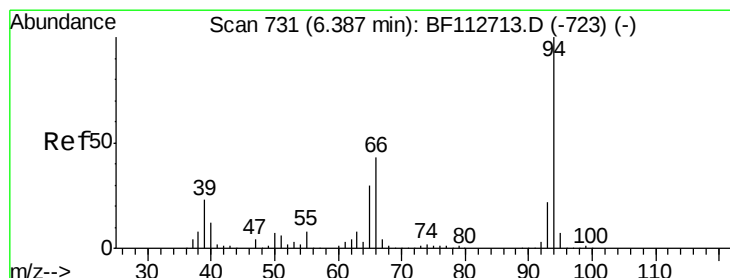
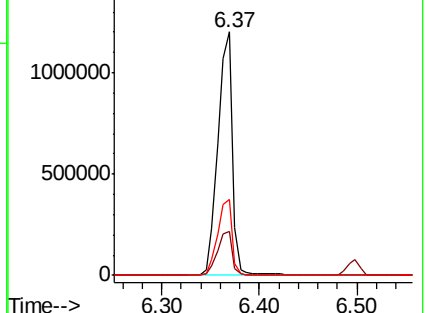
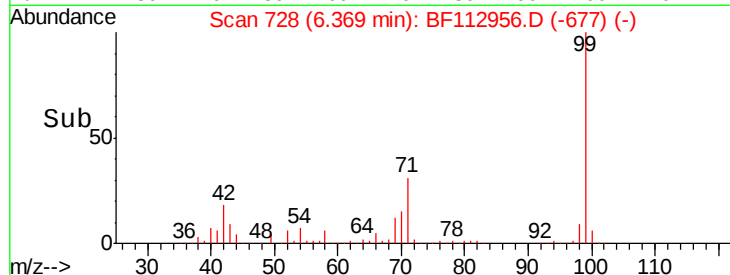
99 100

42 17.8 16.3 24.5

71 30.9 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



#10

Phenol

Concen: 4.526 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112956.D

Acq: 11 Mar 2019 15:58

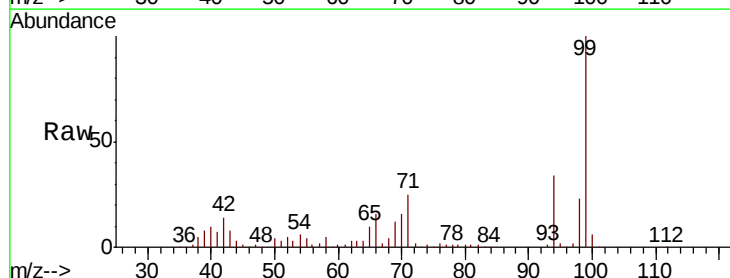
Tgt Ion: 94 Resp: 56859

Ion Ratio Lower Upper

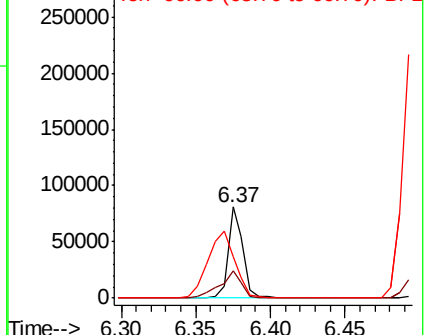
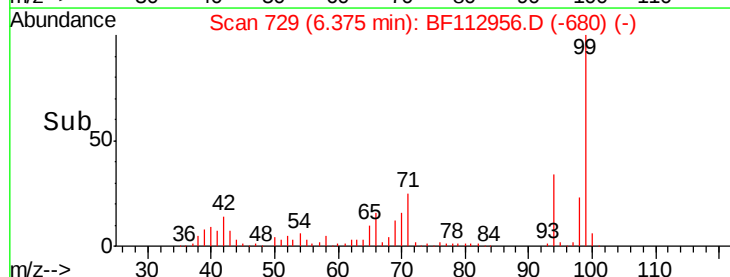
94 100

65 29.6 10.5 50.5

66 45.3 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

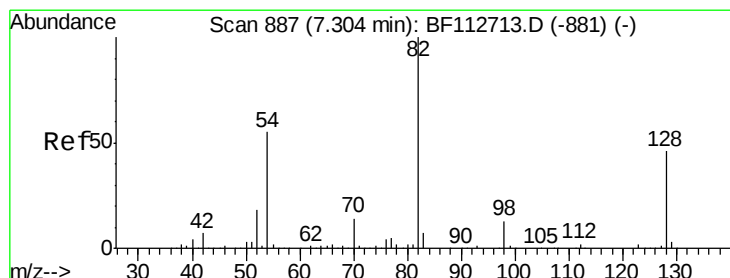
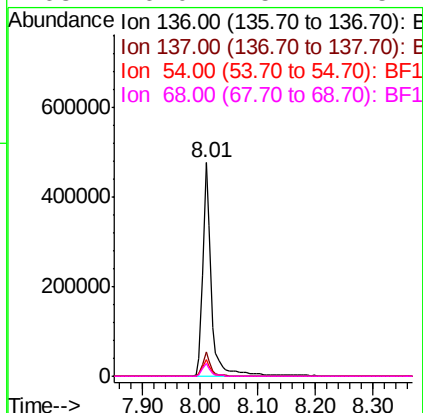
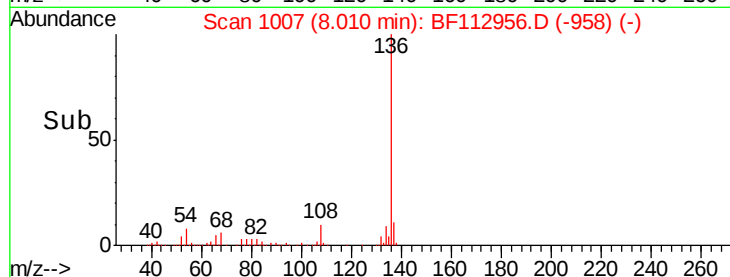
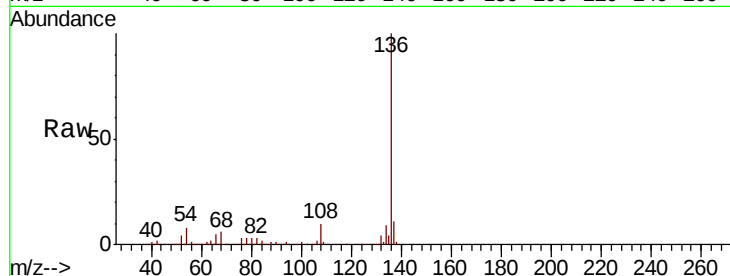




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

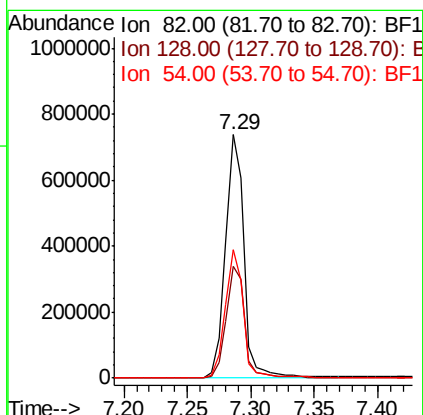
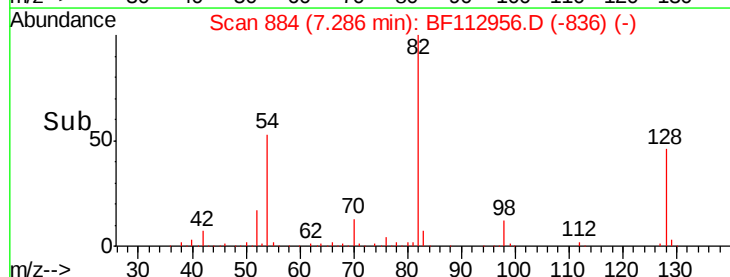
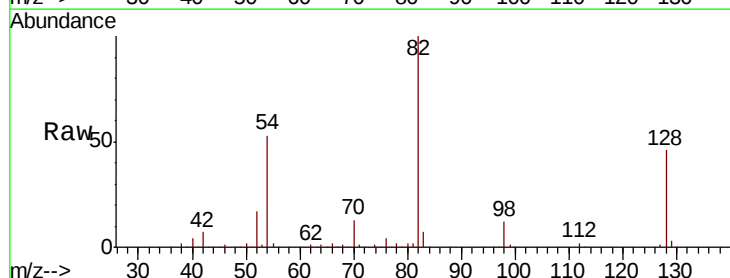
Instrument :
BNA_F
ClientSampleId :
MR-MH-07-COMP

Tot Ion:136	Resp:	506525
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.1	7.3 10.9
68	6.0	5.4 8.2



#23
Nitrobenzene-d5
Concen: 88.664 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Tgt Ion: 82	Resp:	750535
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.3 54.5
54	53.0	43.7 65.5

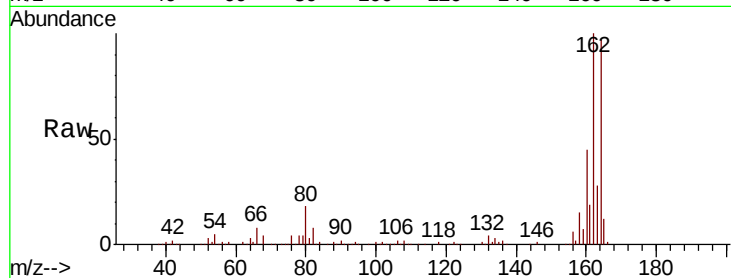




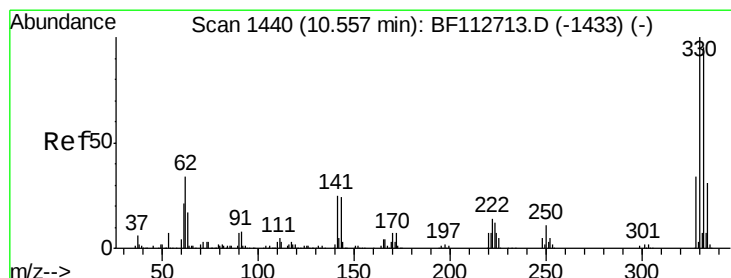
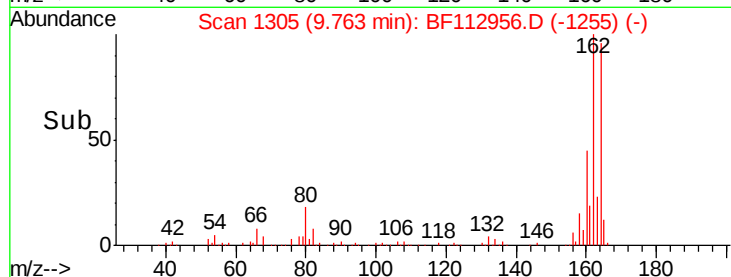
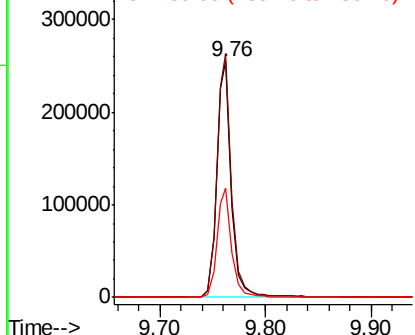
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Instrument :
BNA_F
ClientSampleId :
MR-MH-07-COMP

Tot Ion:164 Resp: 250093
Ion Ratio Lower Upper
164 100
162 103.4 80.6 120.8
160 46.4 36.0 54.0

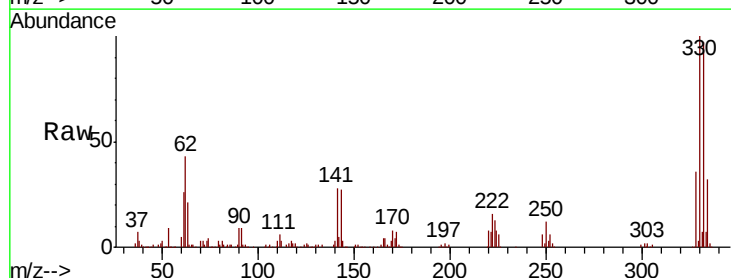


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

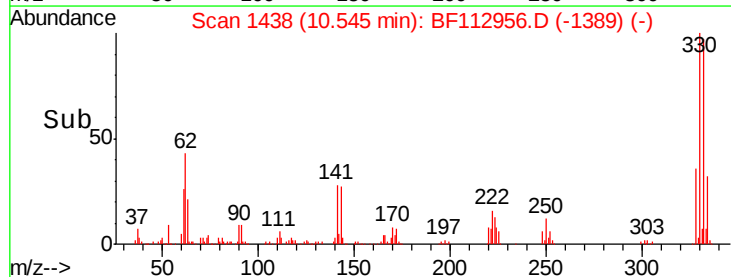
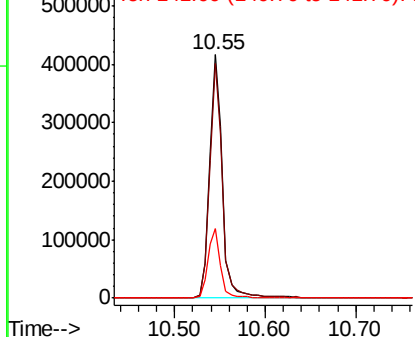


#42
2,4,6-Tribromophenol
Concen: 156.017 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Tgt Ion:330 Resp: 414233
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 28.7 27.0 40.6



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

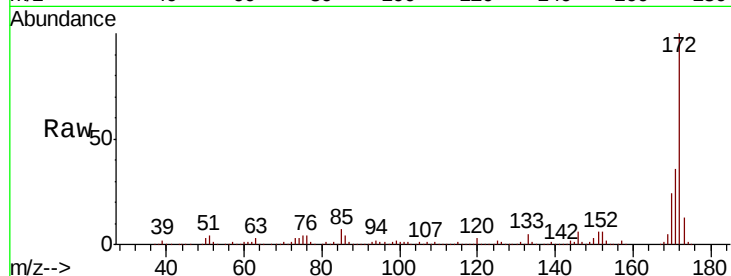




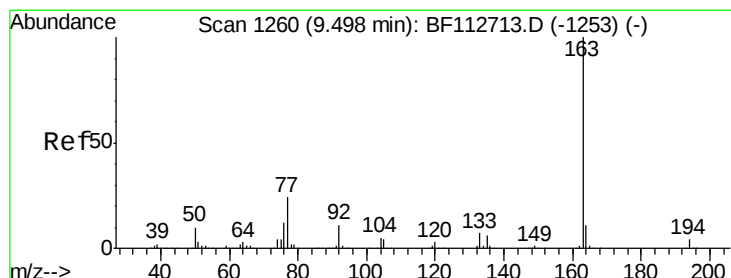
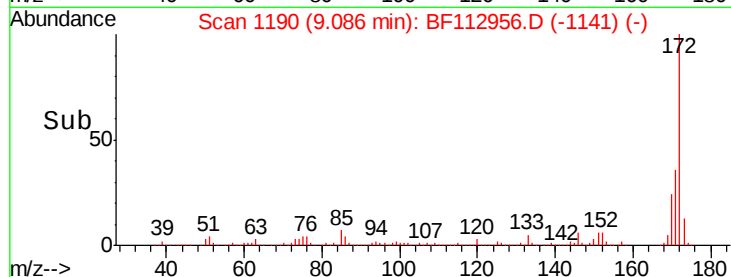
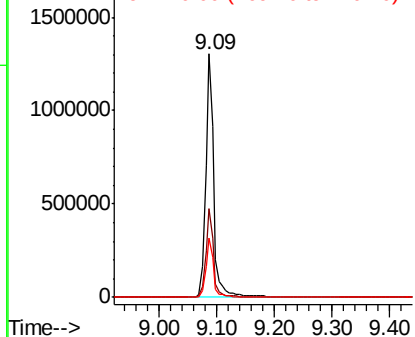
#45
2-Fluorobiphenyl
Concen: 87.122 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Instrument :
BNA_F
ClientSampleId :
MR-MH-07-COMP

Tot Ion:172 Resp: 1306377
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.2 20.0 30.0

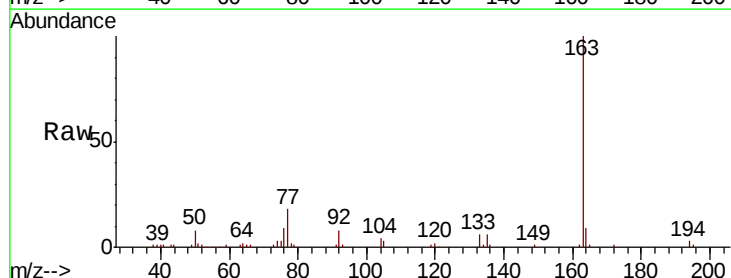


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

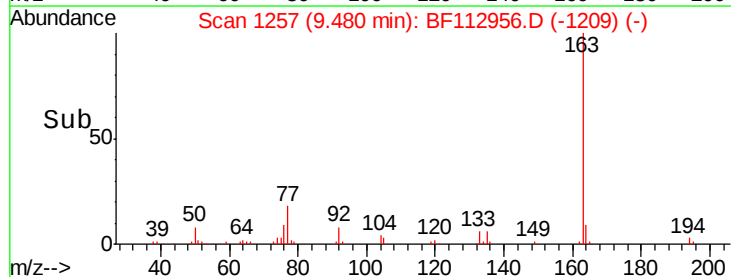
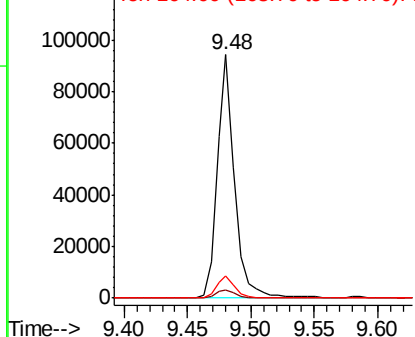


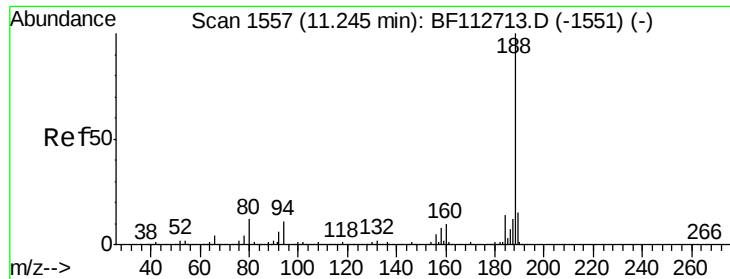
#50
Dimethylphthalate
Concen: 4.907 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Tgt Ion:163 Resp: 90497
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

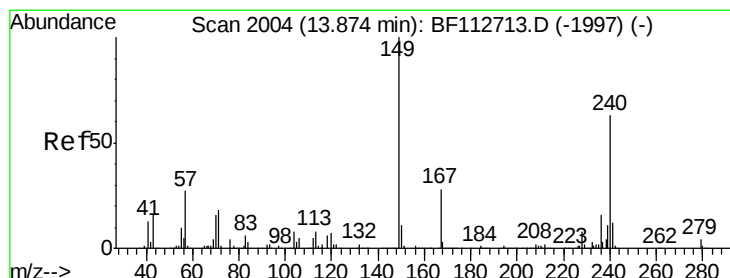
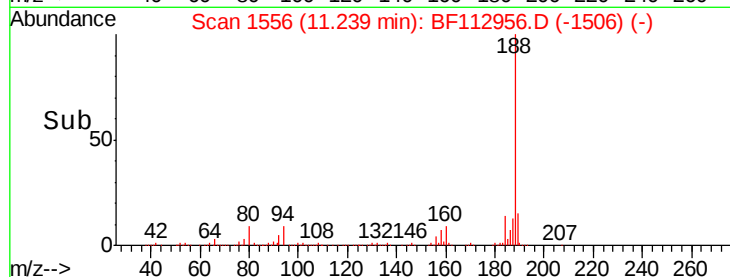
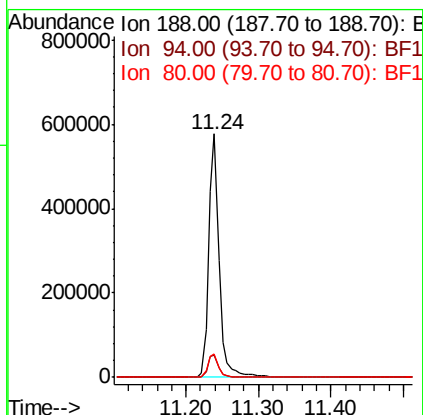
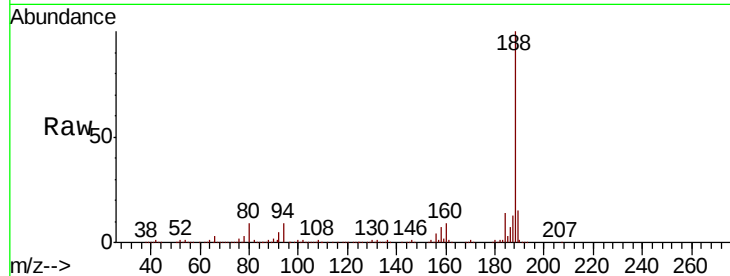




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

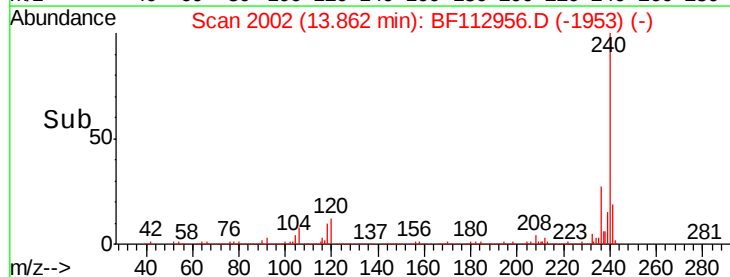
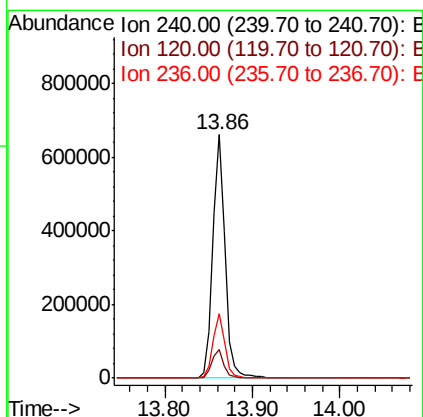
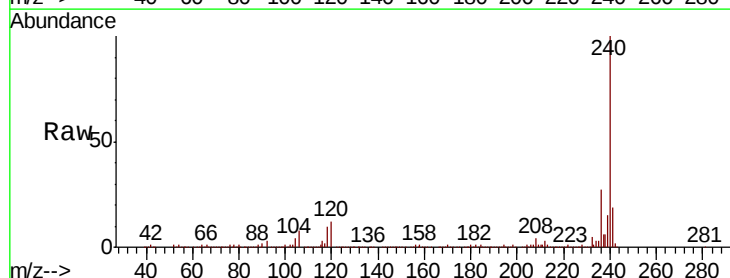
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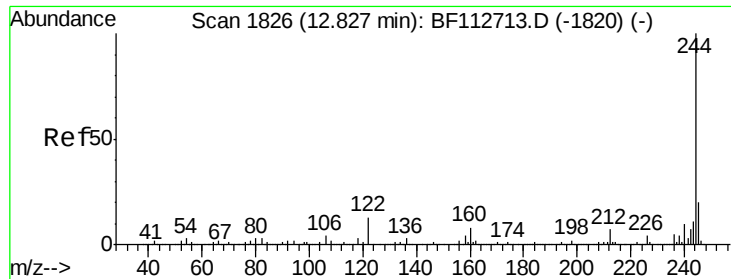
Tot Ion:188 Resp: 573646
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112956.D
Acq: 11 Mar 2019 15:58

Tgt Ion:240 Resp: 647437
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.5 20.7 31.1

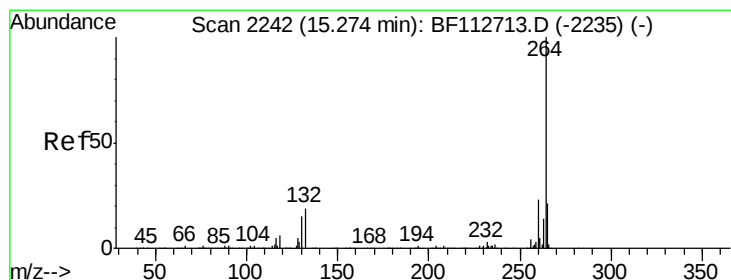
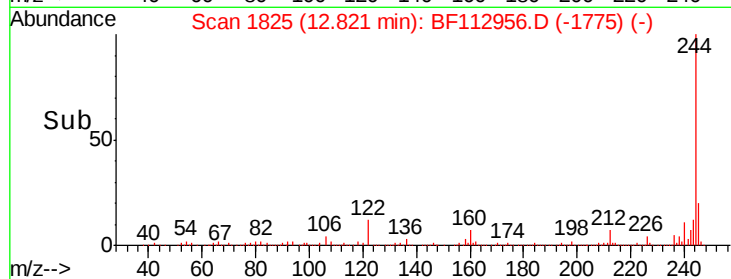
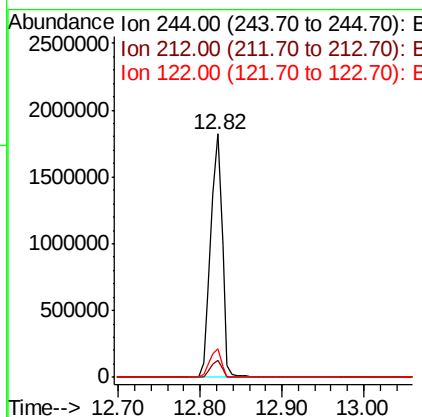
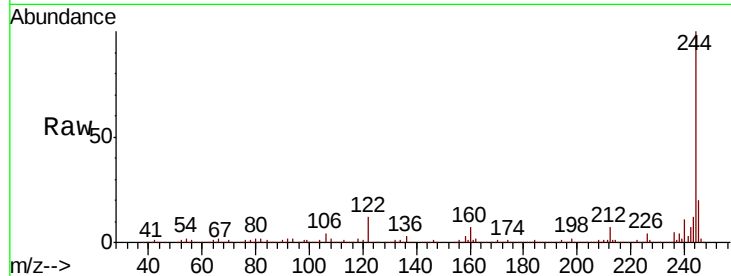




#79
 Terphenyl-d14
 Concen: 53.911 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-07-COMP

Tot Ion:244 Resp: 1800585
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.7 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112956.D
 Acq: 11 Mar 2019 15:58

Tgt Ion:264 Resp: 615537
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.9 17.2 25.8

