

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112444.D
 Acq On : 7 Feb 2019 18:00
 Operator : JU/SJ
 Sample : K1392-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Feb 09 03:13:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

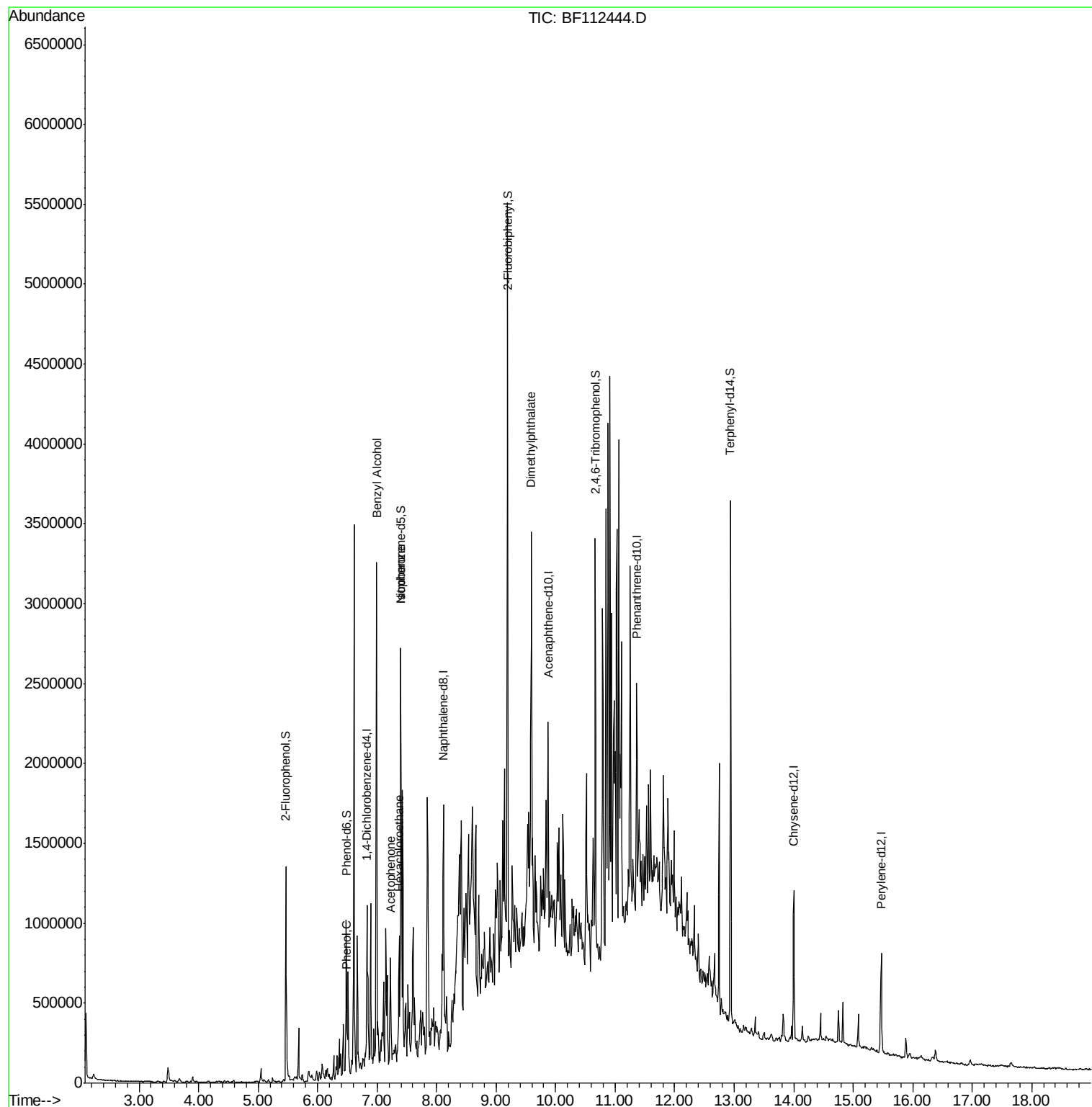
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149657	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	573460	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	247285	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	395575	20.00	ng	0.00
76) Chrysene-d12	14.00	240	320191	20.00	ng	0.00
87) Perylene-d12	15.47	264	286131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	455096	64.59	ng	-0.01
7) Phenol-d6	6.48	99	361378	36.91	ng	-0.01
23) Nitrobenzene-d5	7.40	82	784759	78.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	337152	117.13	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1501108	85.86	ng	-0.01
79) Terphenyl-d14	12.94	244	1196002	70.35	ng	0.00
Target Compounds						
10) Phenol	6.50	94	44615	4.154	ng	79
15) Benzyl Alcohol	6.99	79	16574	2.008	ng	# 53
18) Hexachloroethane	7.37	117	25262	6.332	ng	# 1
22) Acetophenone	7.23	105	85407	6.116	ng	# 55
25) Isophorone	7.40	82	784610	50.253	ng	# 64
50) Dimethylphthalate	9.59	163	47791	2.487	ng	# 55

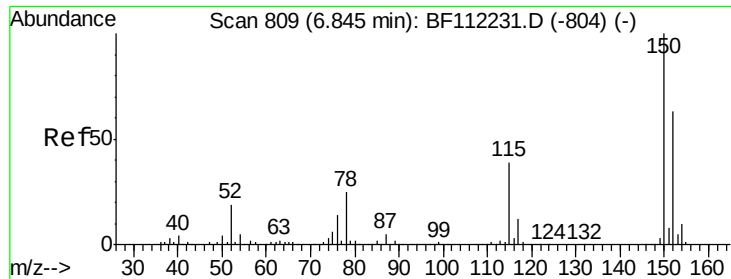
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF112444.D

Acq: 7 Feb 2019 18:00

Instrument :

BNA_F

ClientSampleId :

DUP-1

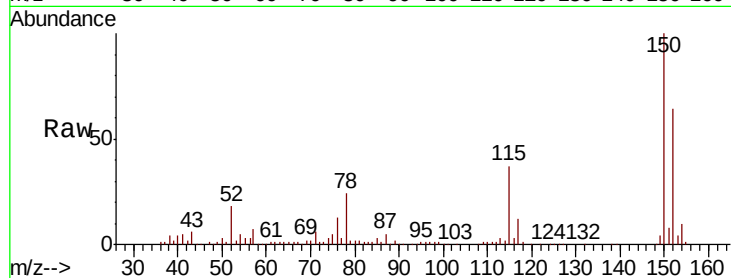
Tot Ion:152 Resp: 149657

Ion Ratio Lower Upper

152 100

150 156.9 127.4 191.0

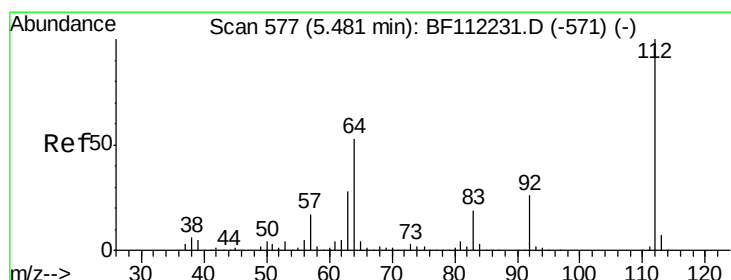
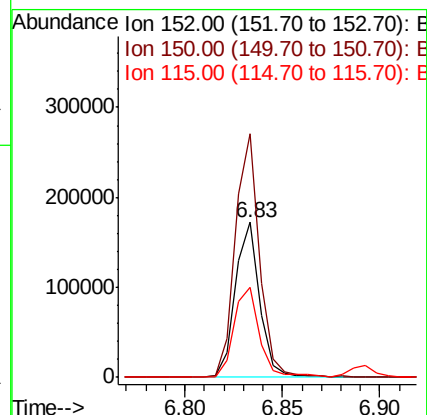
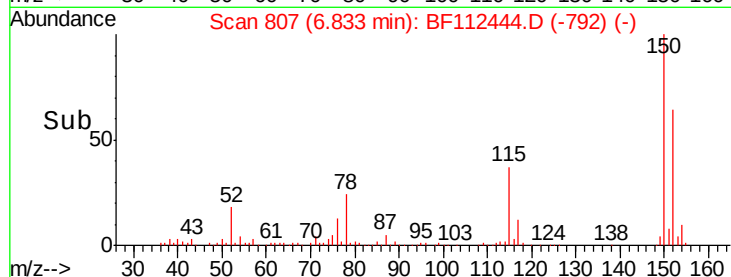
115 58.1 45.5 68.3



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: 64.591 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

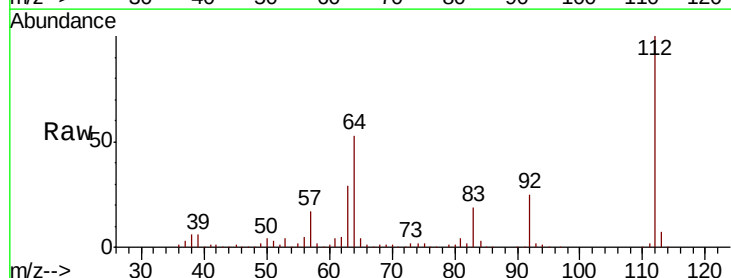
Tgt Ion:112 Resp: 455096

Ion Ratio Lower Upper

112 100

64 52.9 45.7 68.5

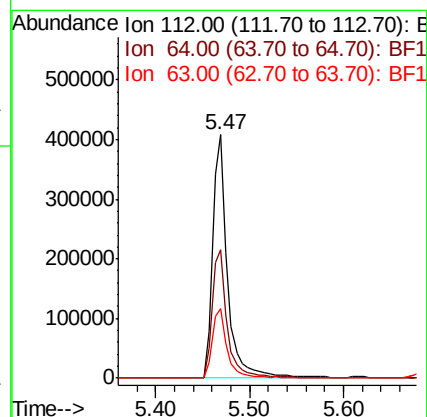
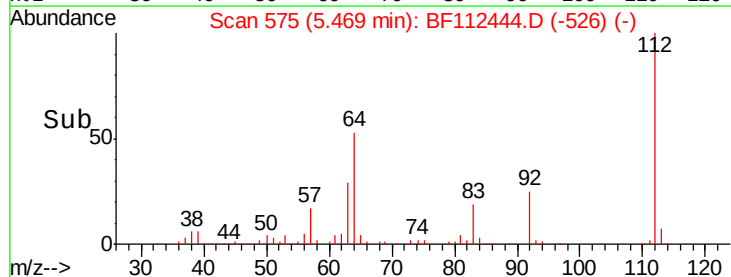
63 28.6 23.6 35.4

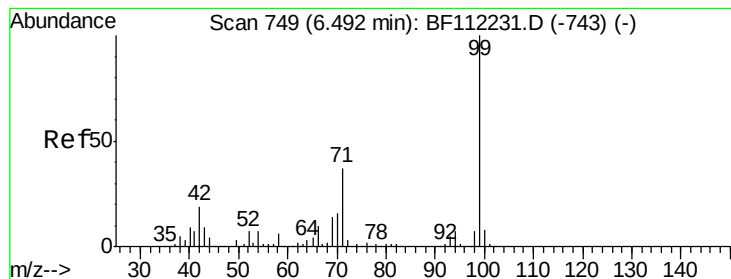


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 36.911 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

Instrument :

BNA_F

ClientSampleId :

DUP-1

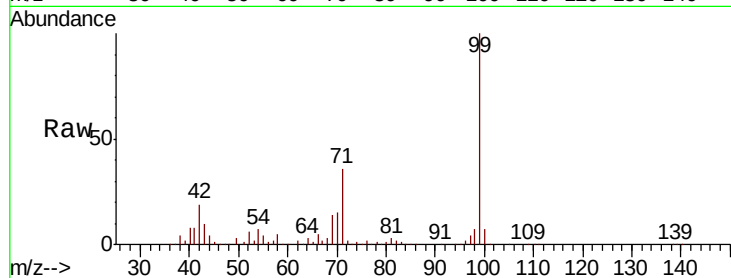
Tot Ion: 99 Resp: 361378

Ion Ratio Lower Upper

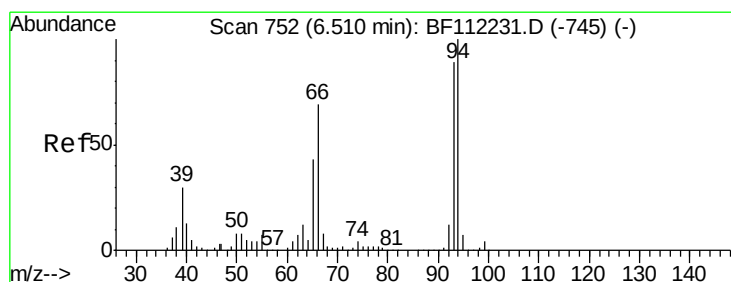
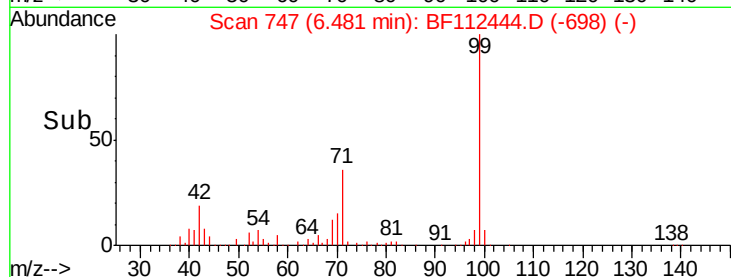
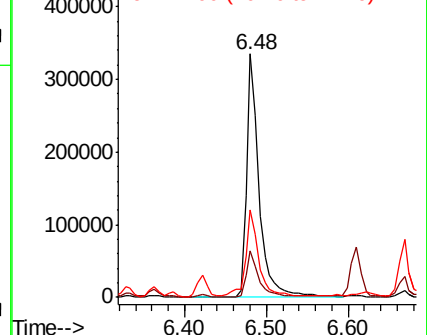
99 100

42 18.9 15.1 22.7

71 36.0 26.9 40.3



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



#10

Phenol

Concen: 4.154 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

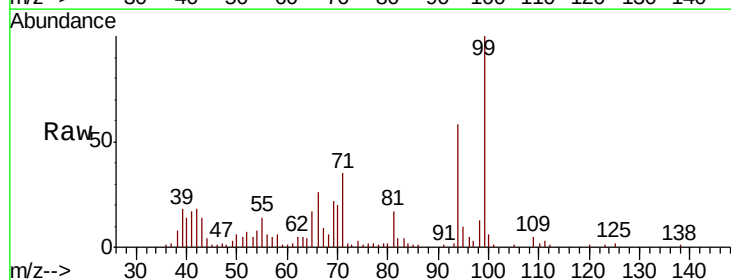
Tgt Ion: 94 Resp: 44615

Ion Ratio Lower Upper

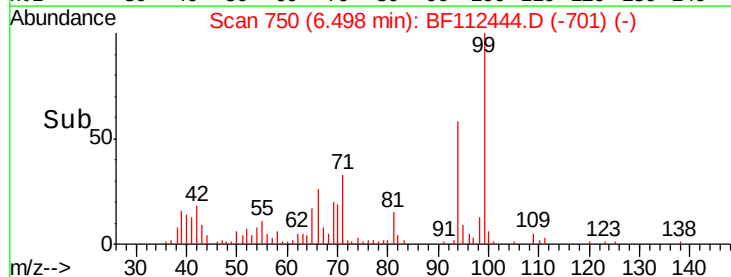
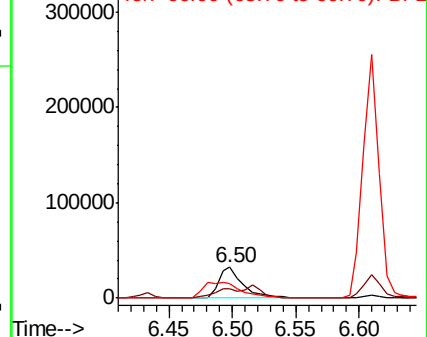
94 100

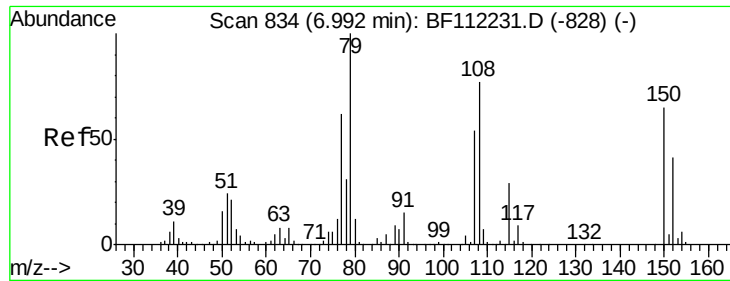
65 28.6 20.3 60.3

66 45.4 42.4 82.4



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

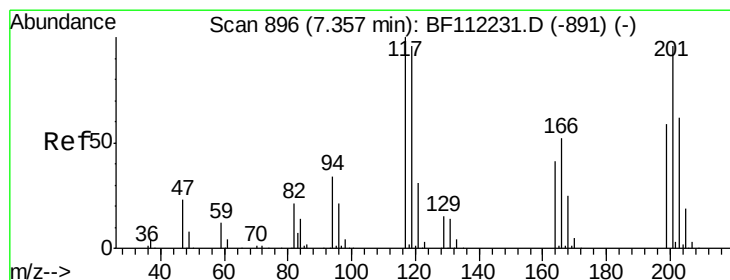
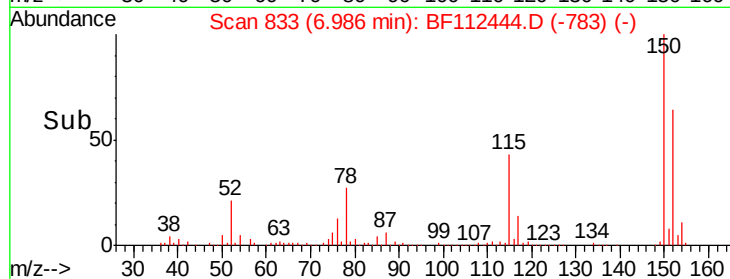
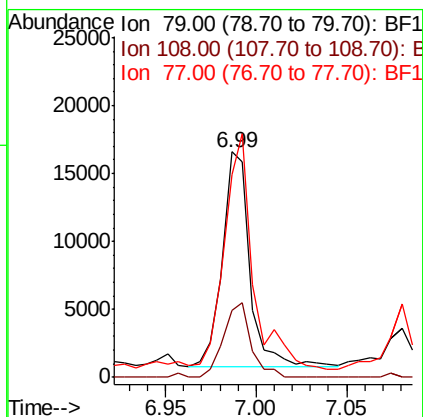
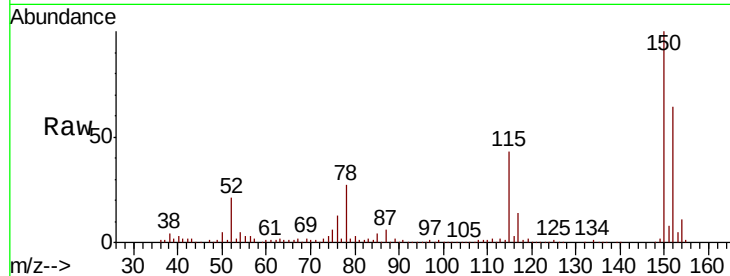




#15
Benzyl Alcohol
Concen: 2.008 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112444.D
Acq: 7 Feb 2019 18:00

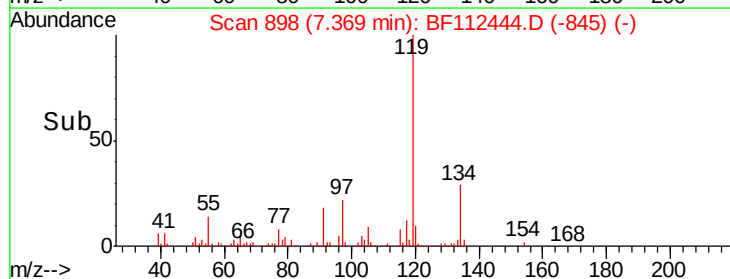
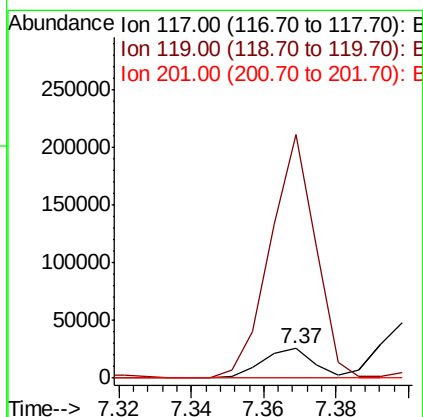
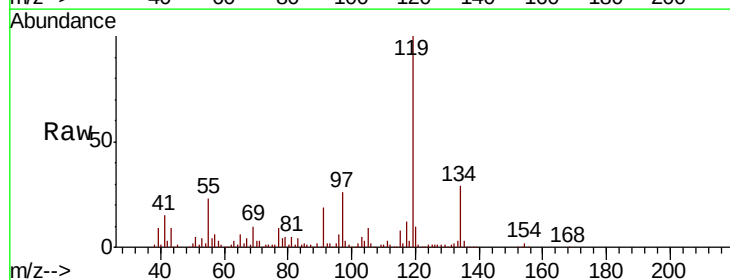
Instrument :
BNA_F
ClientSampleID :
DUP-1

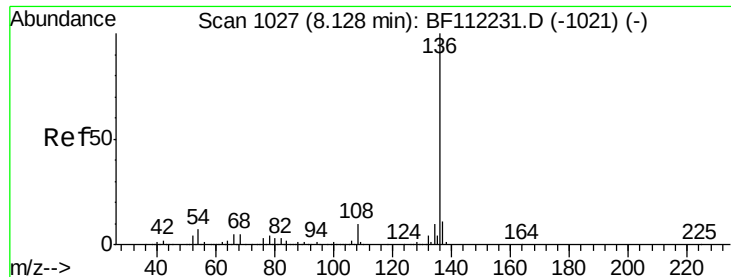
Tot Ion: 79 Resp: 16574
Ion Ratio Lower Upper
79 100
108 29.9 64.2 96.2#
77 90.1 50.3 75.5#



#18
Hexachloroethane
Concen: 6.332 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF112444.D
Acq: 7 Feb 2019 18:00

Tgt Ion: 117 Resp: 25262
Ion Ratio Lower Upper
117 100
119 823.0 77.0 115.4#
201 0.0 74.1 111.1#

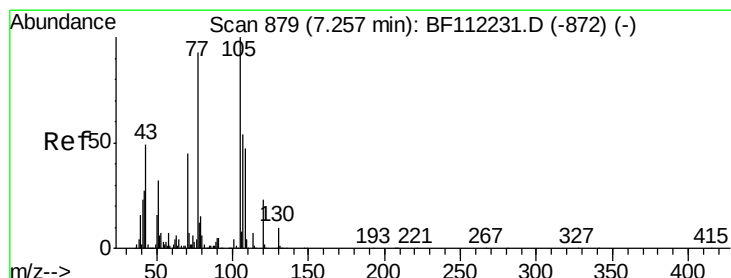
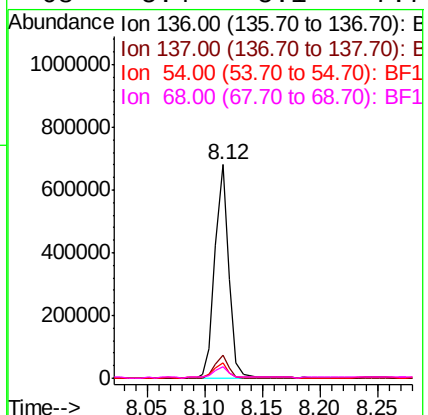
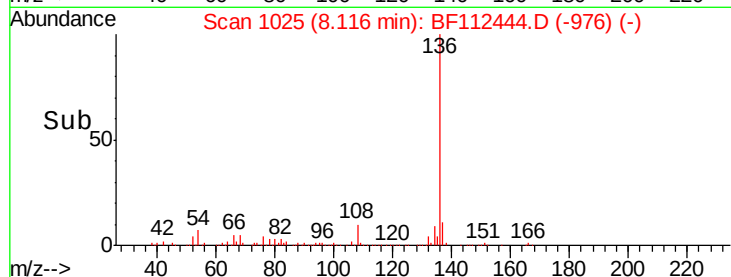
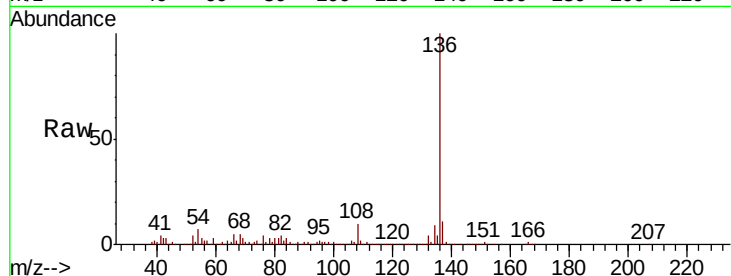




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112444.D
Acq: 7 Feb 2019 18:00

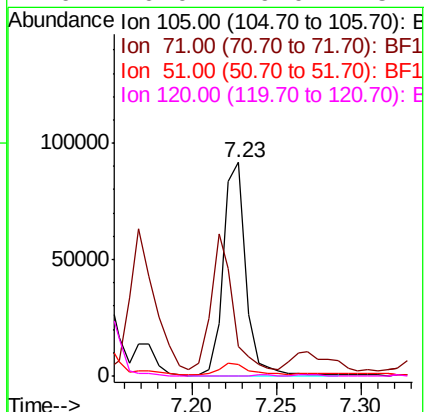
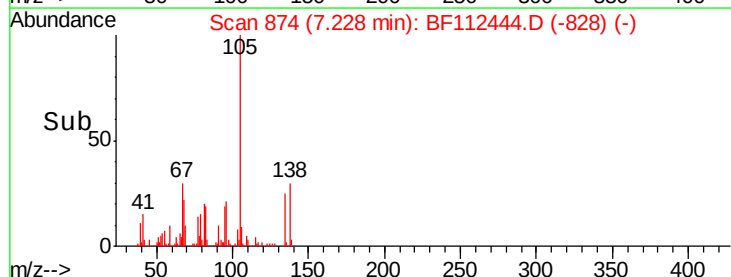
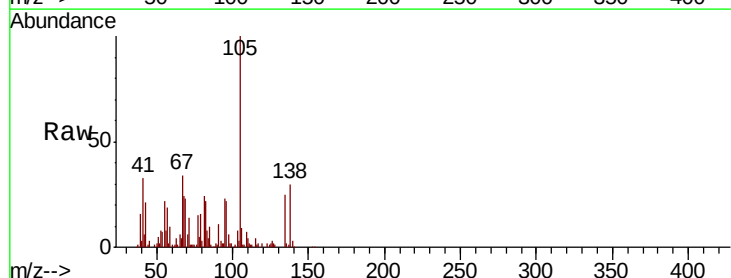
Instrument :
BNA_F
ClientSampleId :
DUP-1

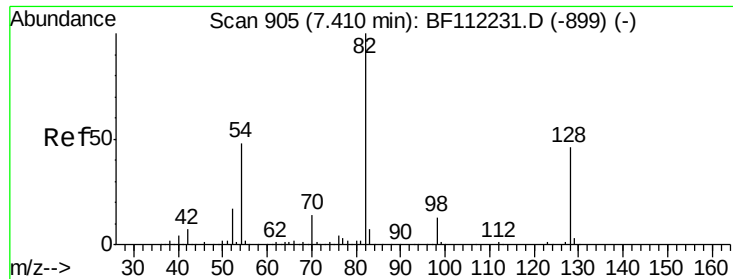
Tot Ion:136	Resp:	573460	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.1	13.7	
54 7.0	5.9	8.9	
68 5.4	5.1	7.7	



#22
Acetophenone
Concen: 6.116 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112444.D
Acq: 7 Feb 2019 18:00

Tgt	Ion:105	Resp:	85407
Ion	Ratio	Lower	Upper
105	100		
71	13.6	4.6	6.8#
51	5.2	25.0	37.6#
120	0.0	19.0	28.4#

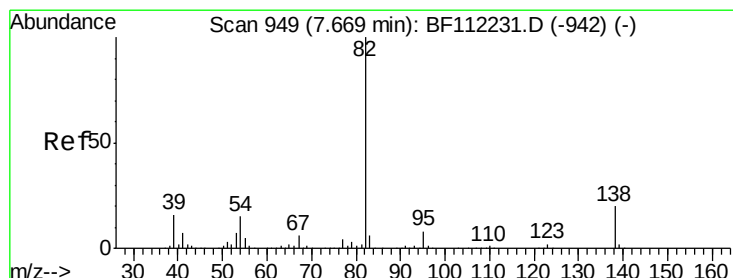
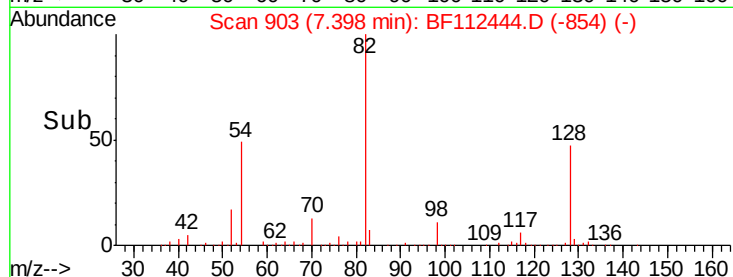
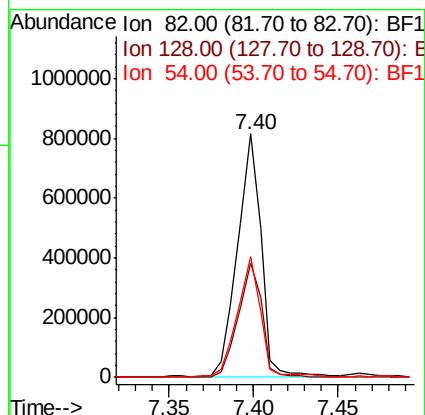
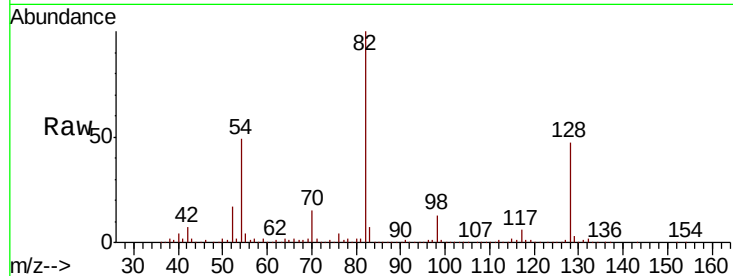




#23
 Nitrobenzene-d5
 Concen: 78.851 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112444.D
 Acq: 7 Feb 2019 18:00

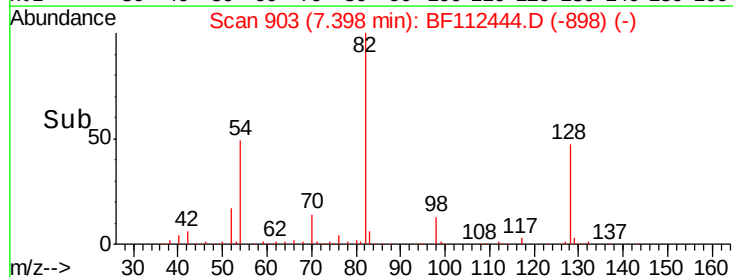
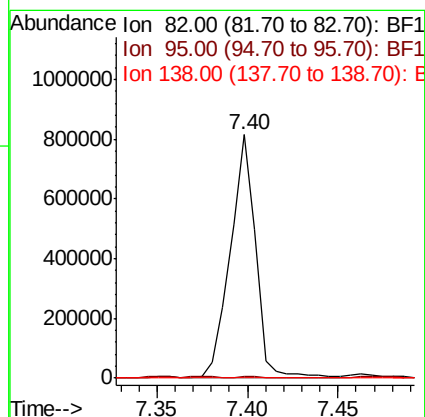
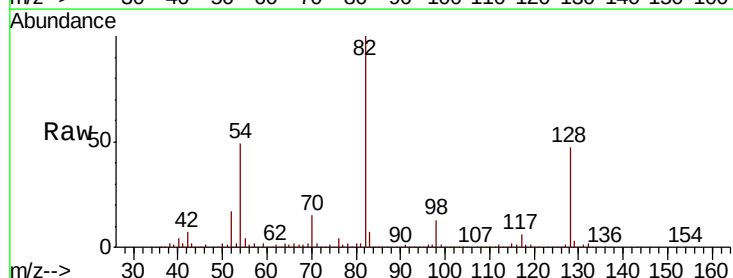
Instrument :
 BNA_F
 ClientSampleID :
 DUP-1

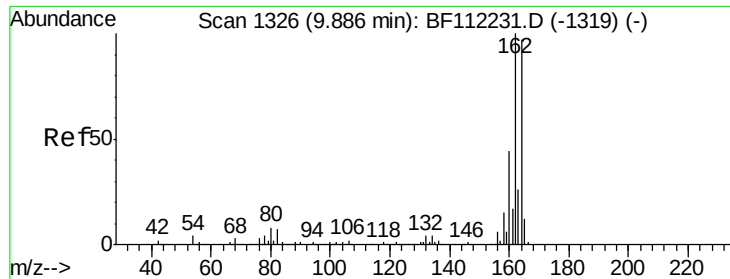
Tot Ion: 82 Resp: 784759
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.8 56.8
 54 49.4 39.7 59.5



#25
 Isophorone
 Concen: 50.253 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112444.D
 Acq: 7 Feb 2019 18:00

Tgt Ion: 82 Resp: 784610
 Ion Ratio Lower Upper
 82 100
 95 0.5 5.7 8.5#
 138 0.0 15.4 23.0#

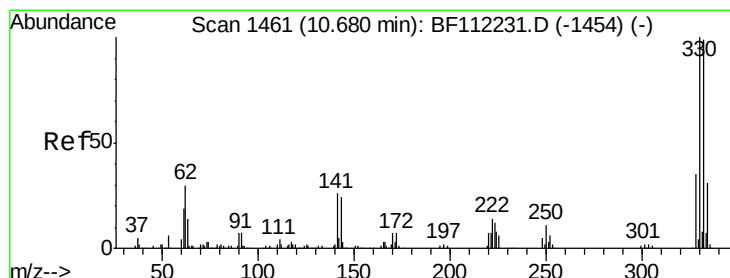
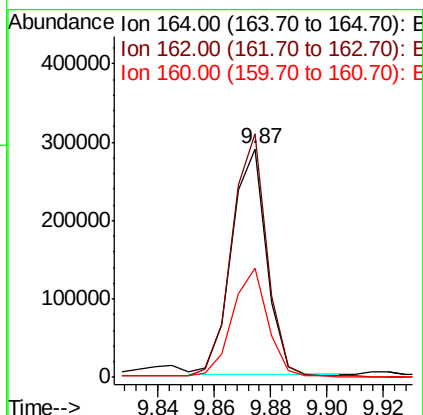
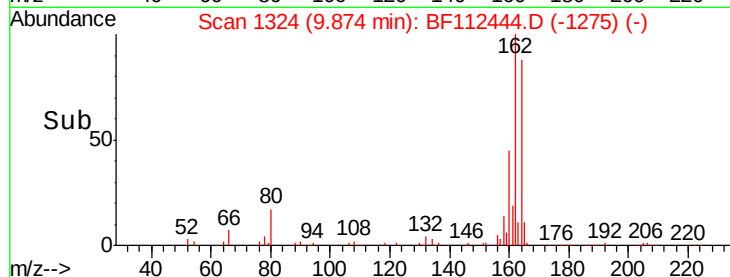
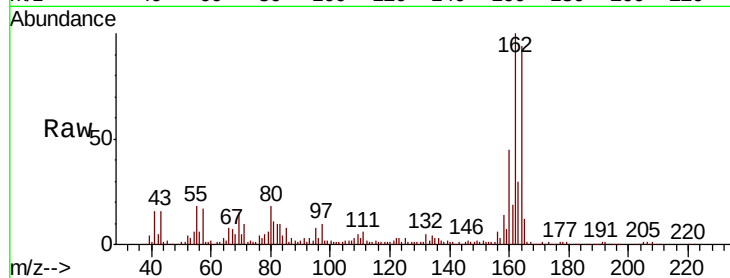




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112444.D
 Acq: 7 Feb 2019 18:00

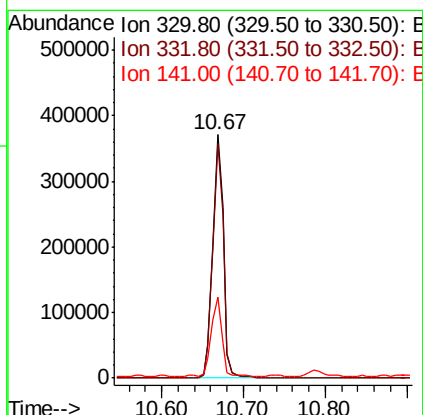
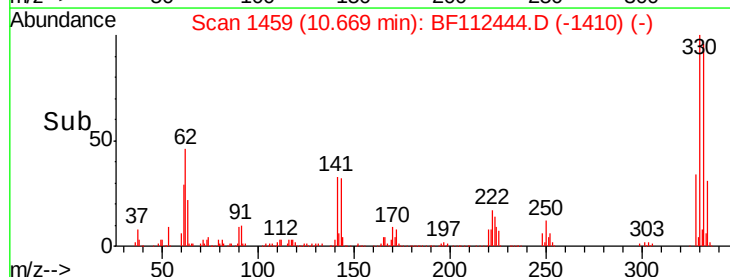
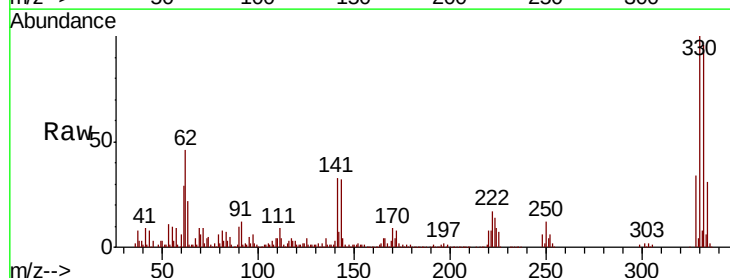
Instrument :
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 ClientSampleId :
 DUP-1

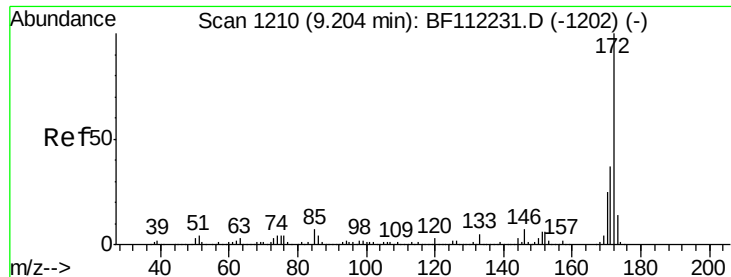
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.2	123.4
160	47.6	36.2	54.4



#42
 2,4,6-Tribromophenol
 Concen: 117.135 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112444.D
 Acq: 7 Feb 2019 18:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	32.7	24.3	36.5

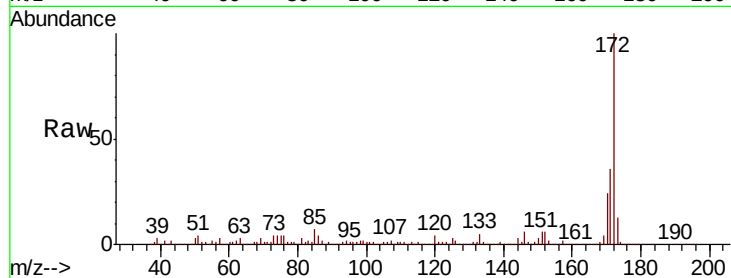




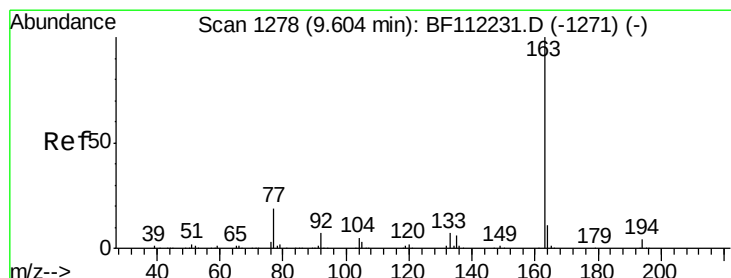
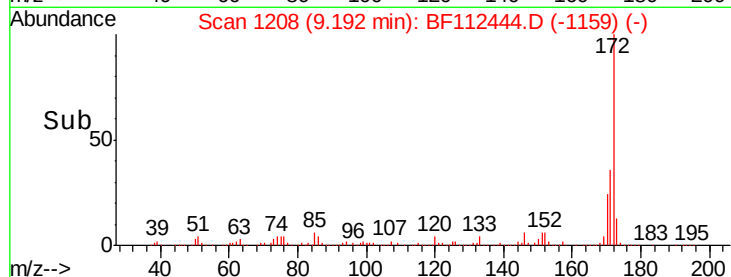
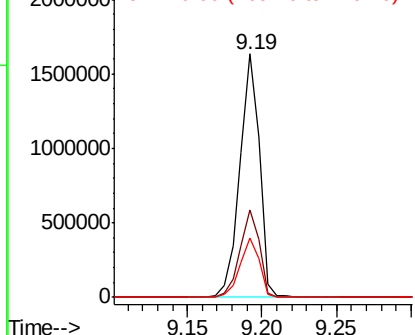
#45
2-Fluorobiphenyl
Concen: 85.855 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112444.D
Acq: 7 Feb 2019 18:00

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:172 Resp: 1501108
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 24.4 20.2 30.4

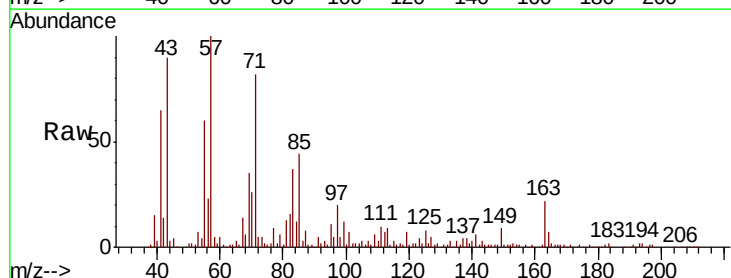


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

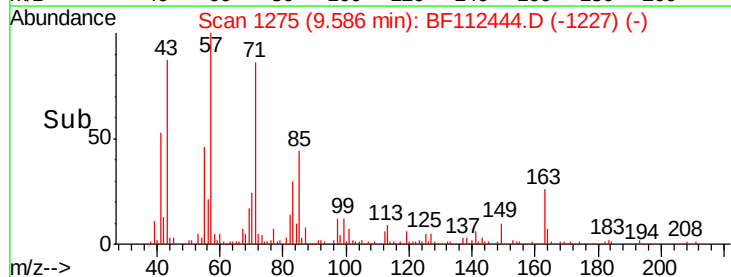
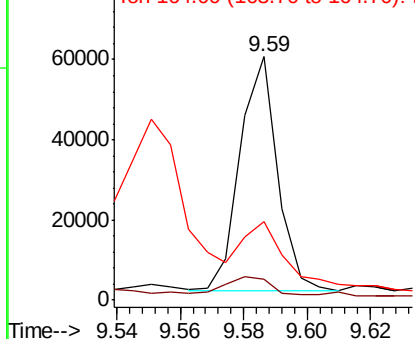


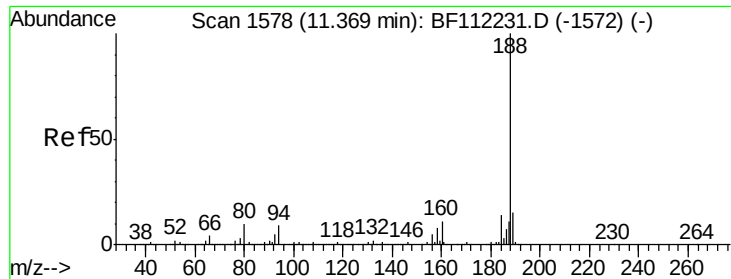
#50
Dimethylphthalate
Concen: 2.487 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112444.D
Acq: 7 Feb 2019 18:00

Tgt Ion:163 Resp: 47791
Ion Ratio Lower Upper
163 100
194 8.7 3.3 4.9#
164 32.2 8.5 12.7#



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

Instrument :

BNA_F

ClientSampleId :

DUP-1

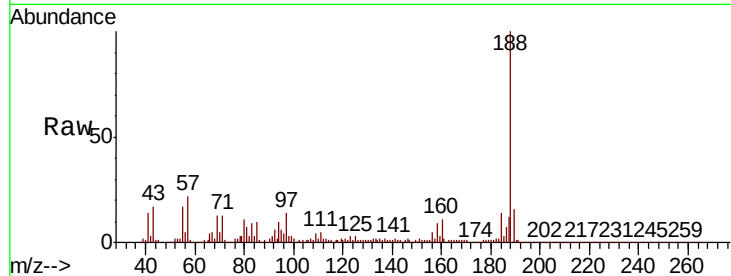
Tot Ion:188 Resp: 395575

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

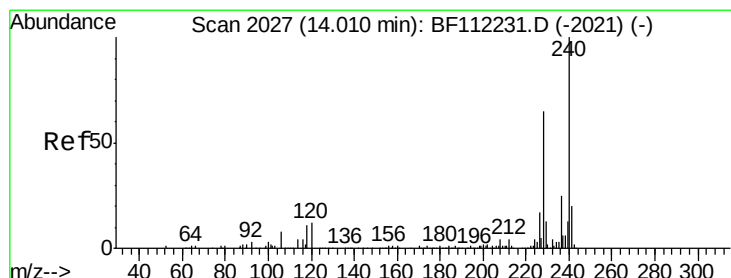
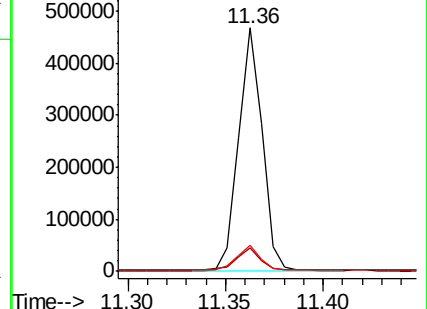
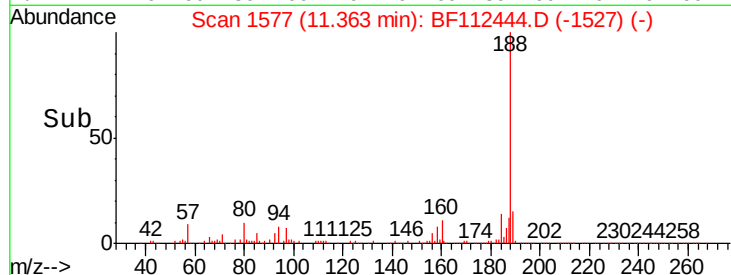
80 10.8 8.9 13.3



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112444.D

Acq: 7 Feb 2019 18:00

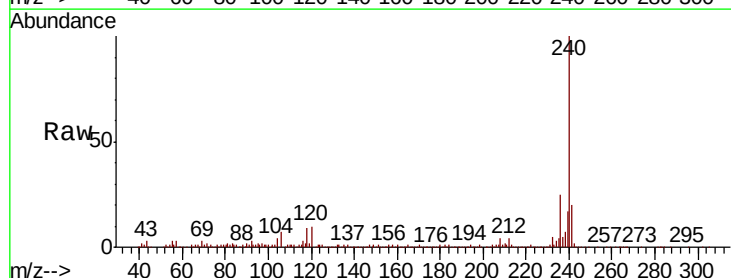
Tgt Ion:240 Resp: 320191

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

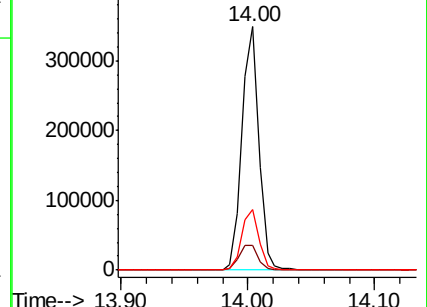
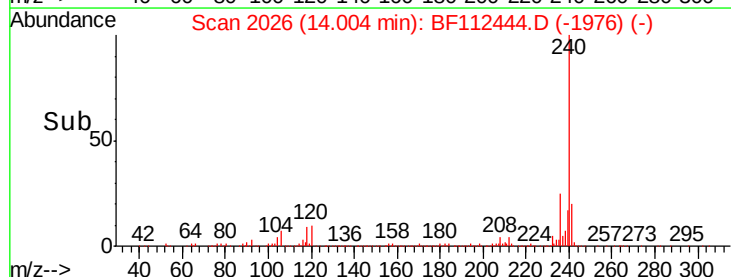
236 25.1 20.7 31.1

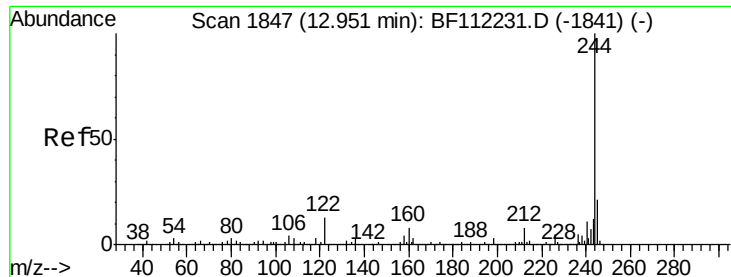


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

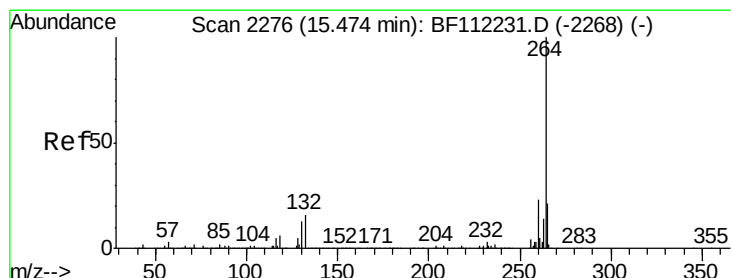
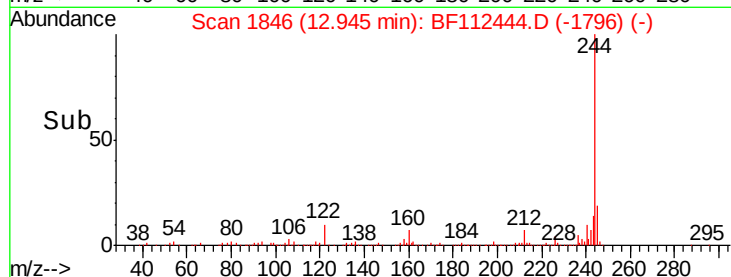
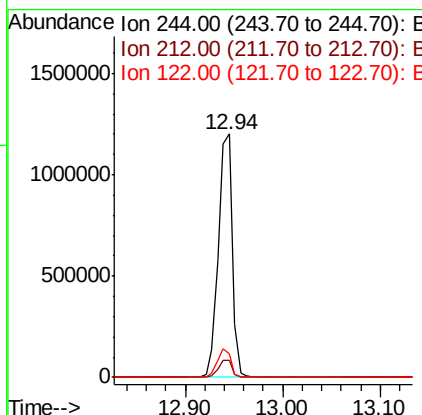
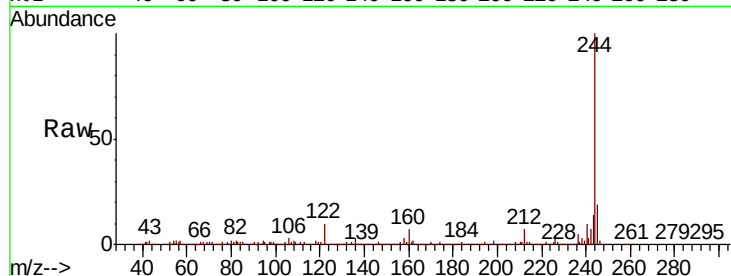




#79
 Terphenyl-d14
 Concen: 70.352 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112444.D
 Acq: 7 Feb 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tot Ion:244 Resp: 1196002
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.8 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112444.D
 Acq: 7 Feb 2019 18:00

Tgt Ion:264 Resp: 286131
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 21.4 17.0 25.4

