

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
 Data File : BF112388.D
 Acq On : 4 Feb 2019 18:55
 Operator : JU/SJ
 Sample : K1360-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200053

Quant Time: Feb 04 23:47:23 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

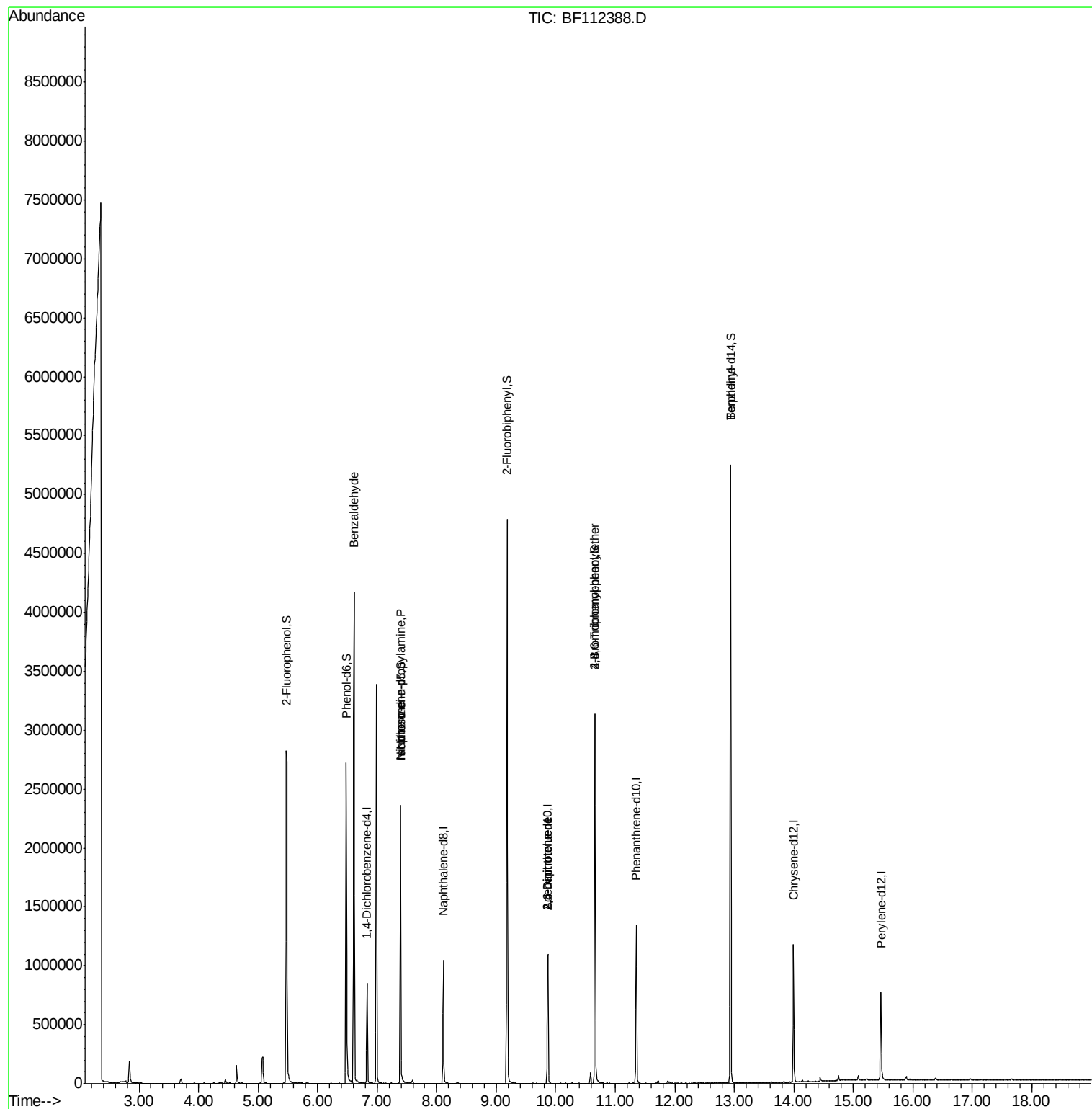
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	134920	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	520563	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	253184	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	510087	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	453911	20.00	ng	-0.01
87) Perylene-d12	15.46	264	359180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	904230	142.35	ng	0.00
7) Phenol-d6	6.48	99	1009859	114.41	ng	-0.01
23) Nitrobenzene-d5	7.39	82	790136	87.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	423729	143.78	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1605415	89.68	ng	-0.02
79) Terphenyl-d14	12.94	244	1875869	77.84	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	23927	5.186	ng	81
19) n-Nitroso-di-n-propylamine	7.39	70	106922	17.568	ng	# 76
25) Isophorone	7.39	82	790129	55.748	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	32523	7.382	ng	# 34
57) 2,4-Dinitrotoluene	9.86	165	32523	5.799	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	25485	4.248	ng	# 1
77) Benzydine	12.94	184	25063	2.006	ng	# 93

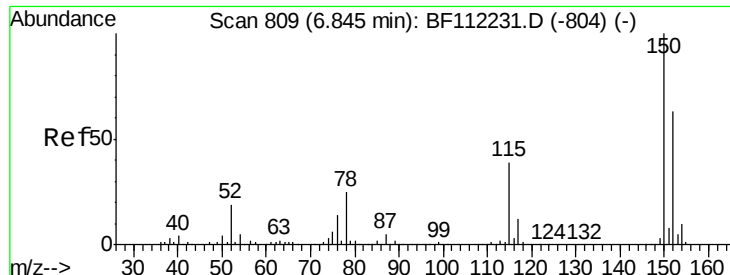
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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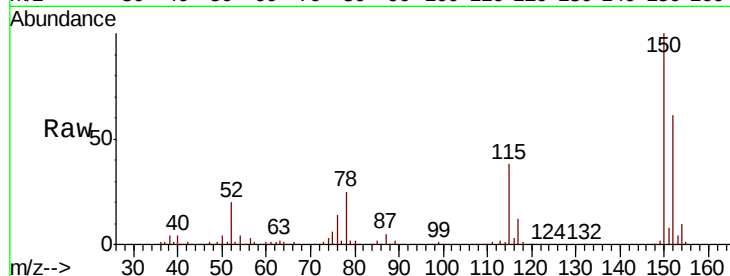


#1

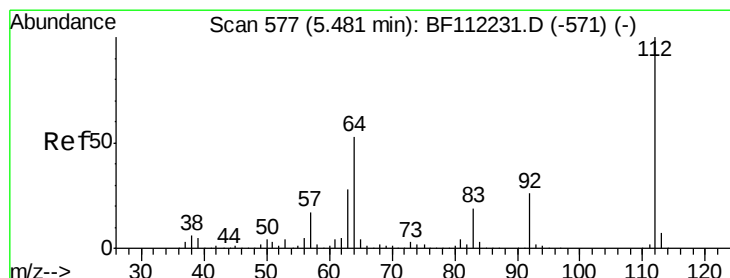
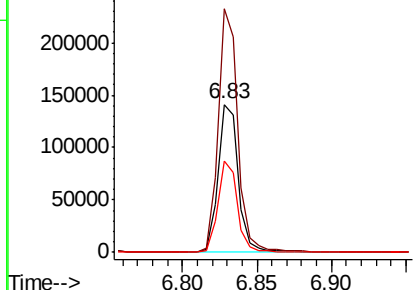
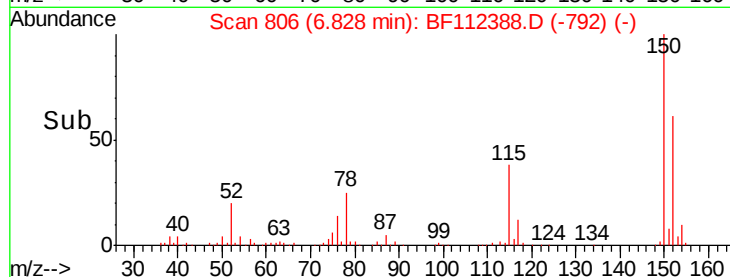
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200053

Tgt Ion:152 Resp: 134920
 Ion Ratio Lower Upper
 152 100
 150 164.5 127.4 191.0
 115 61.9 45.5 68.3



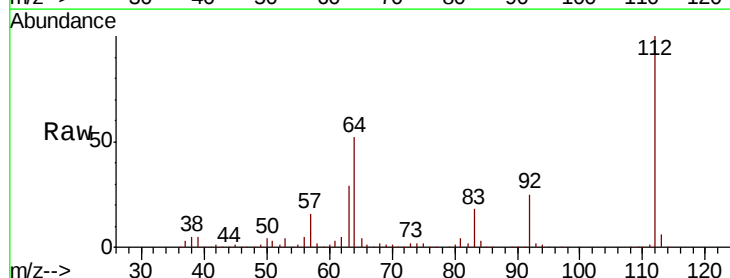
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



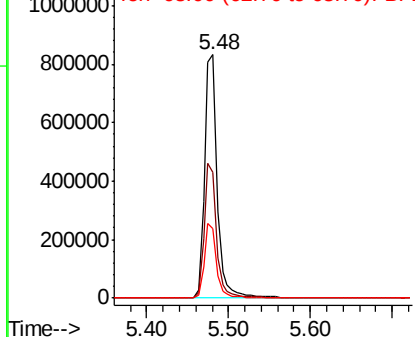
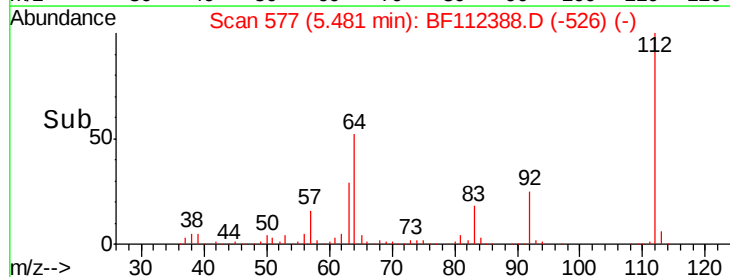
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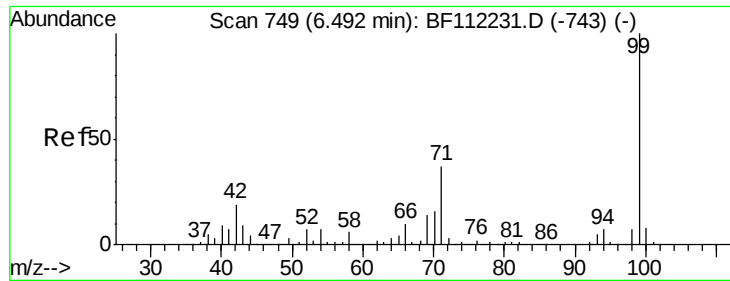
2-Fluorophenol
 Concen: 142.354 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Tgt Ion:112 Resp: 904230
 Ion Ratio Lower Upper
 112 100
 64 51.7 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: 114.414 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112388.D

Acq: 4 Feb 2019 18:55

Instrument :

BNA_F

ClientSampleId :

RBR-200053

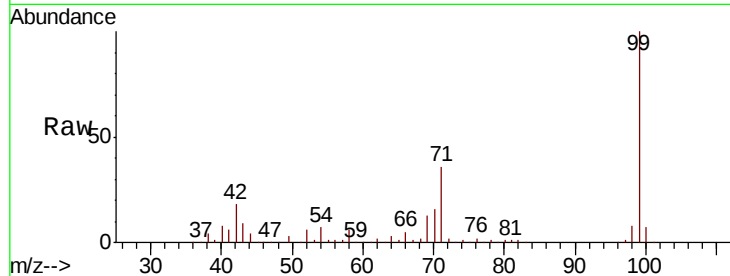
Tgt Ion: 99 Resp: 1009859

Ion Ratio Lower Upper

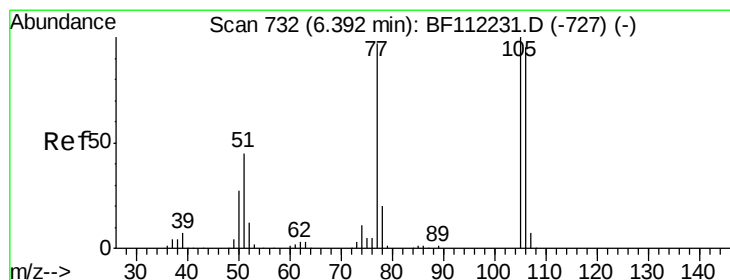
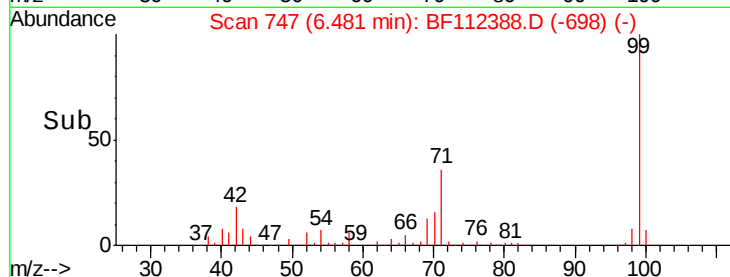
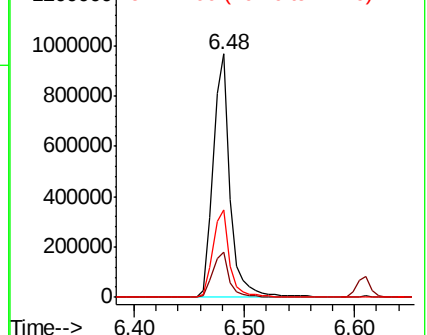
99 100

42 18.5 15.1 22.7

71 35.7 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



#9

Benzaldehyde

Concen: 5.186 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112388.D

Acq: 4 Feb 2019 18:55

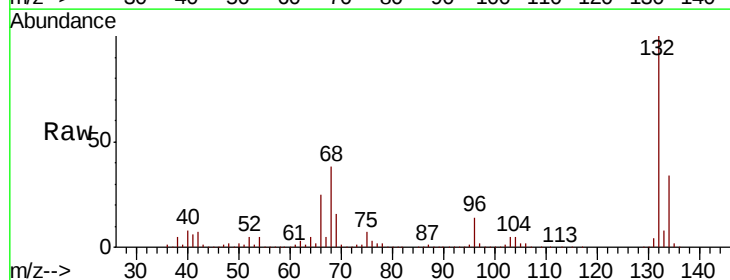
Tgt Ion: 77 Resp: 23927

Ion Ratio Lower Upper

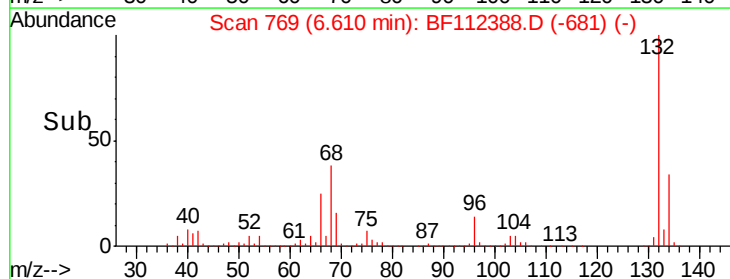
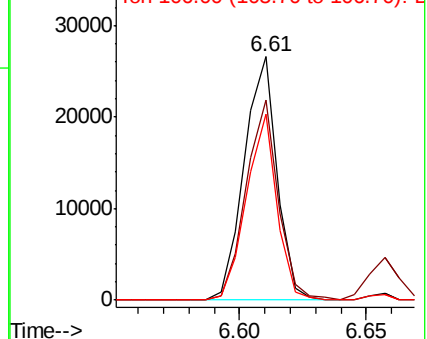
77 100

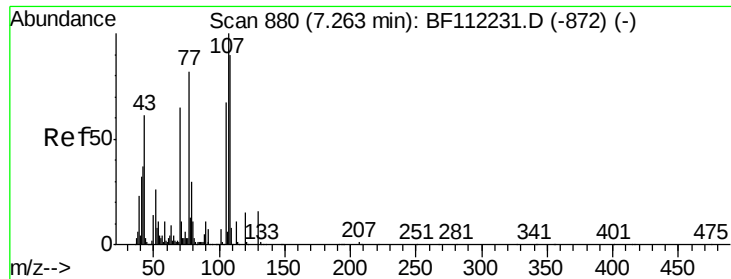
105 82.2 80.8 120.8

106 76.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

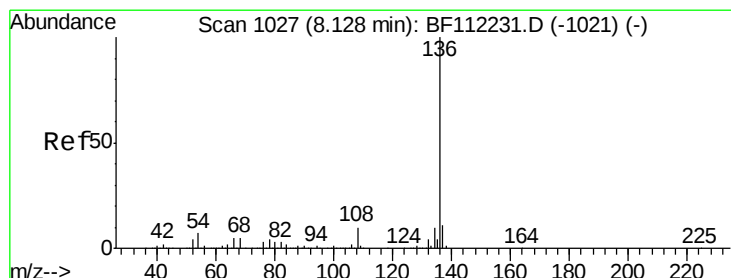
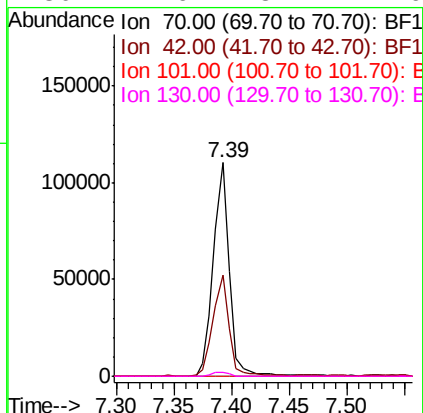
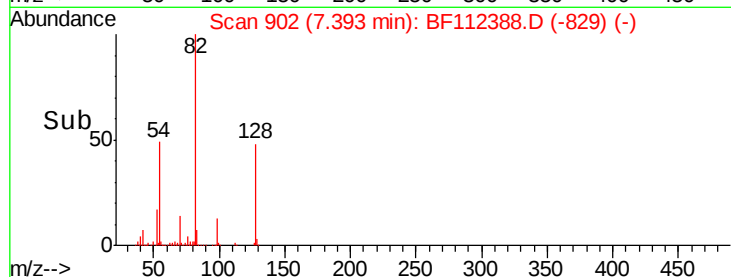
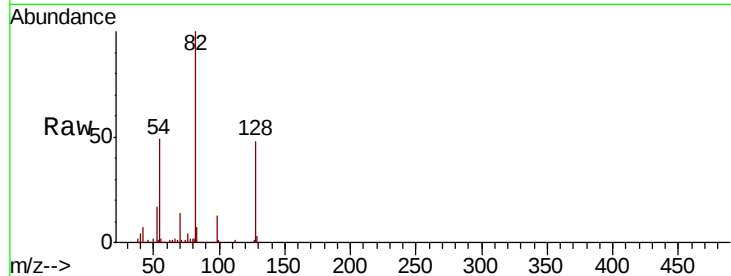




#19
n-Nitroso-di-n-propylamine
Concen: 17.568 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

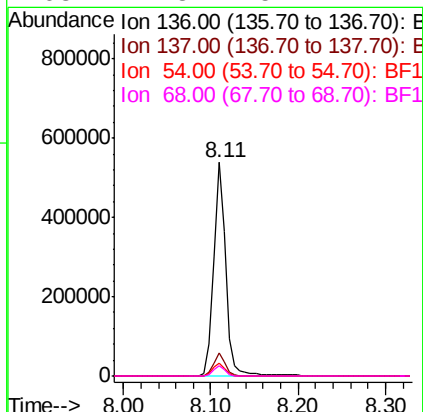
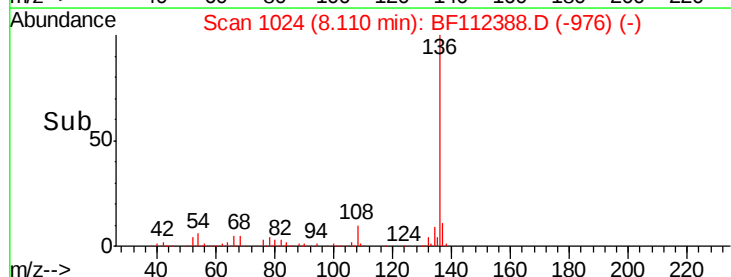
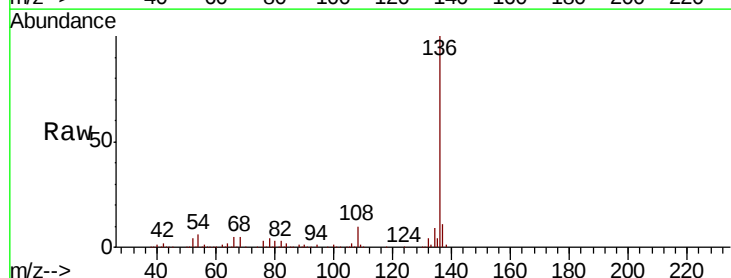
Instrument :
BNA_F
ClientSampleId :
RBR-200053

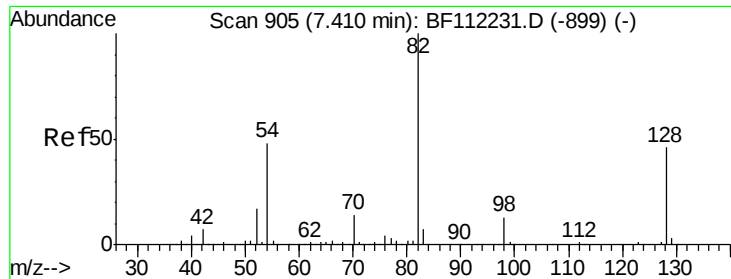
Tgt Ion:	70	Resp:	106922
Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.6	71.4#
101	0.0	7.9	11.9#
130	1.6	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Tgt Ion:	136	Resp:	520563
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.2	5.9	8.9
68	4.8	5.1	7.7#

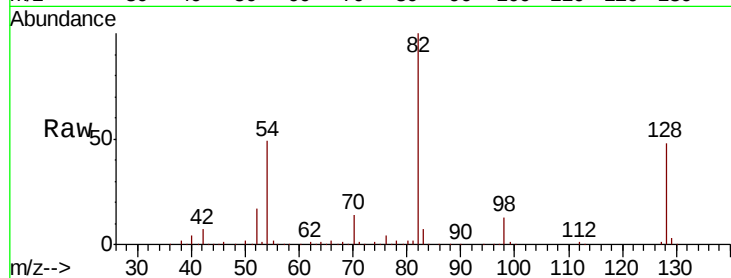




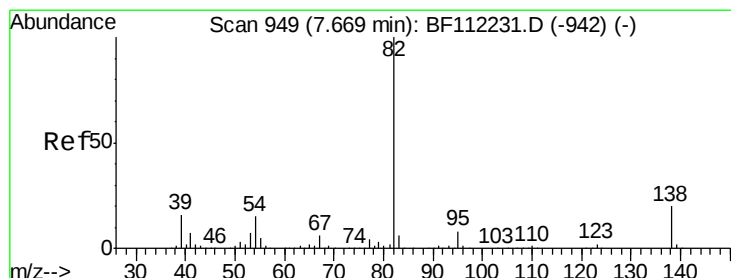
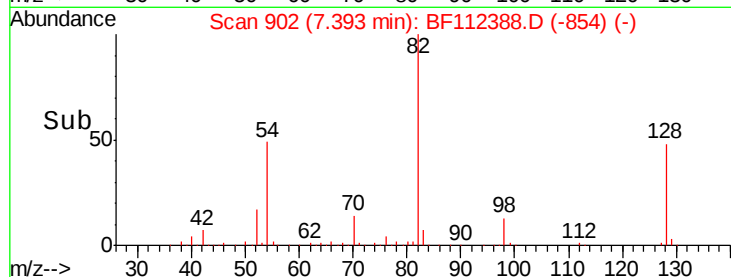
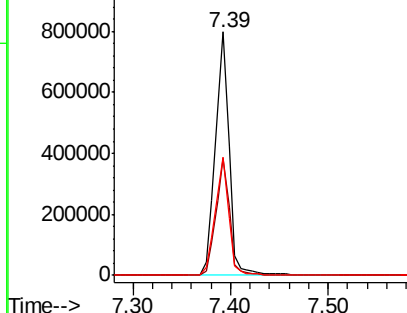
#23
Nitrobenzene-d5
Concen: 87.458 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Instrument :
BNA_F
ClientSampled :
RBR-200053

Tgt Ion: 82 Resp: 790136
Ion Ratio Lower Upper
82 100
128 48.1 37.8 56.8
54 48.6 39.7 59.5

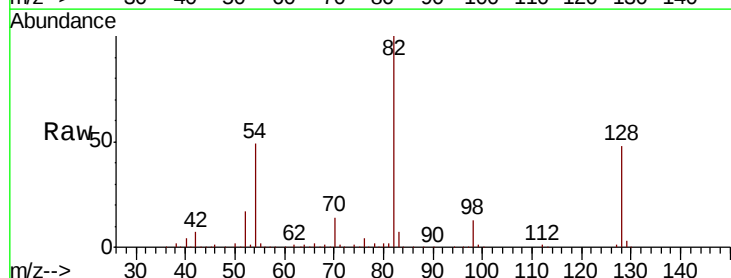


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

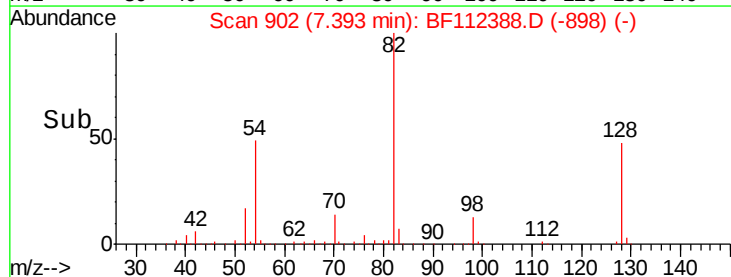
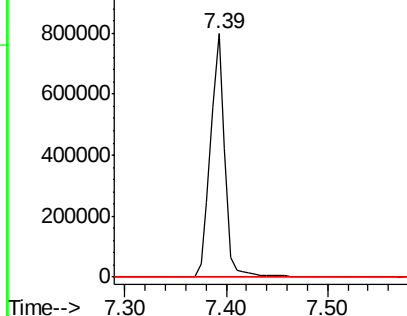


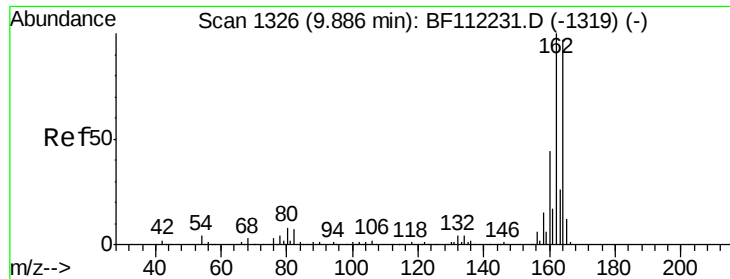
#25
Isophorone
Concen: 55.748 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Tgt Ion: 82 Resp: 790129
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

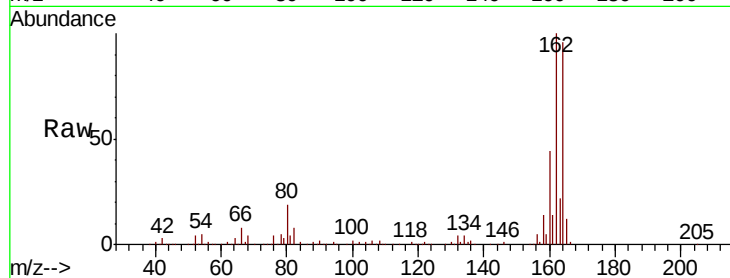




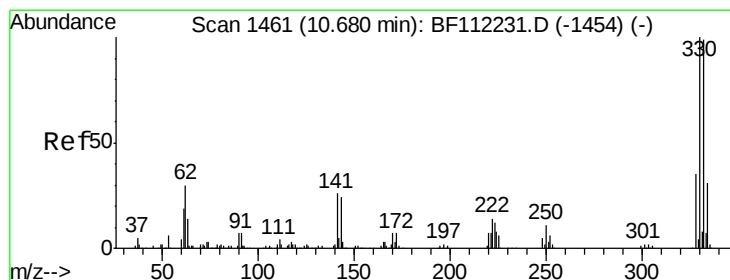
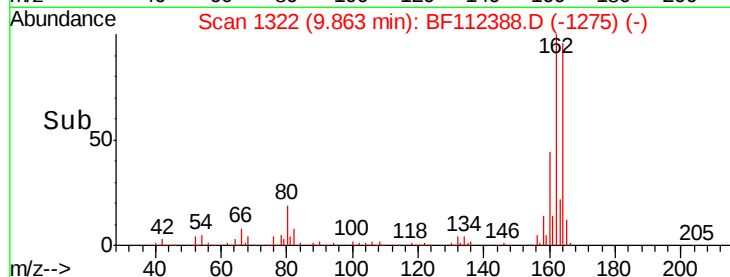
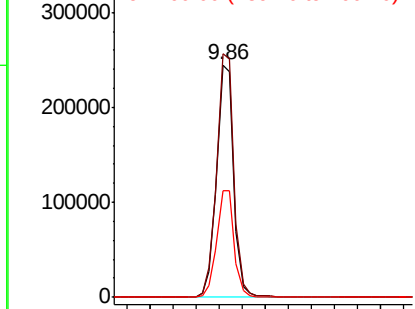
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Instrument :
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 ClientSampleId :
 RBR-200053

Tgt Ion:164 Resp: 253184
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.2 123.4
 160 46.0 36.2 54.4

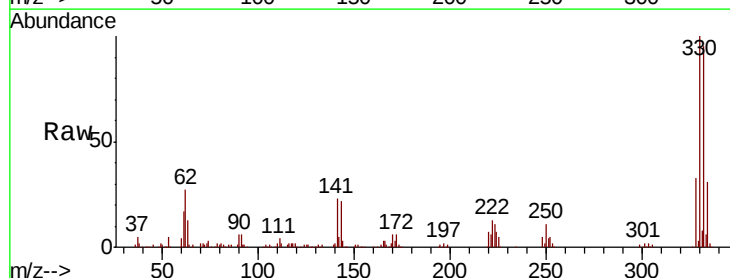


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

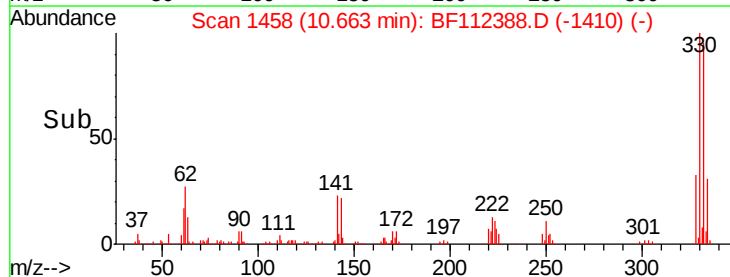
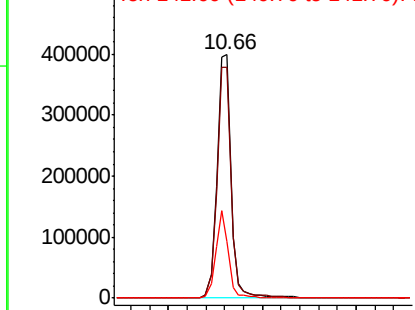


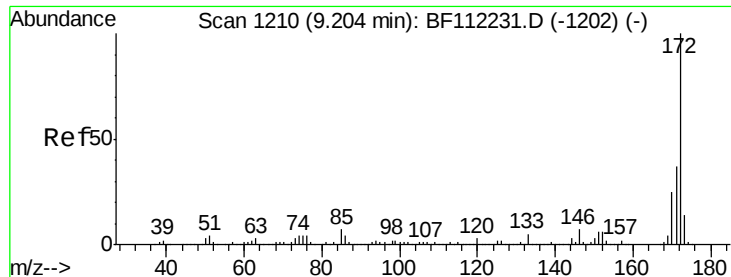
#42
 2,4,6-Tribromophenol
 Concen: 143.784 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Tgt Ion:330 Resp: 423729
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 32.1 24.3 36.5



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

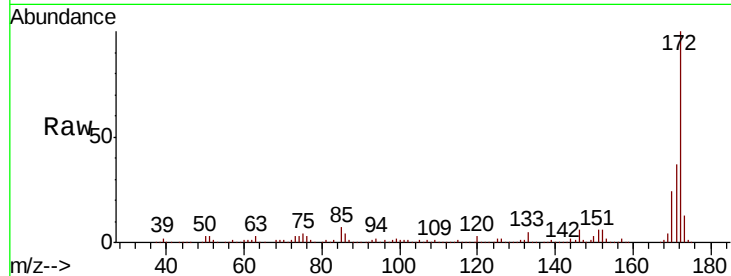




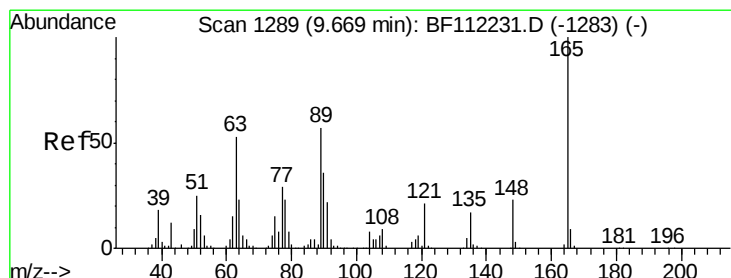
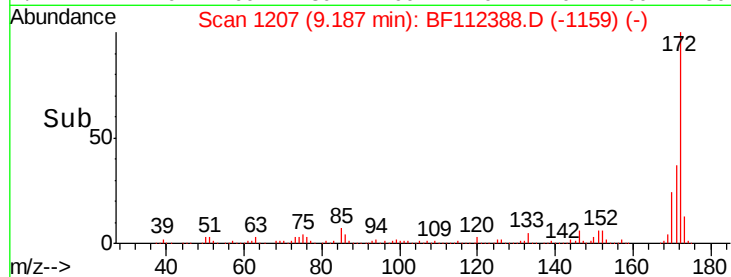
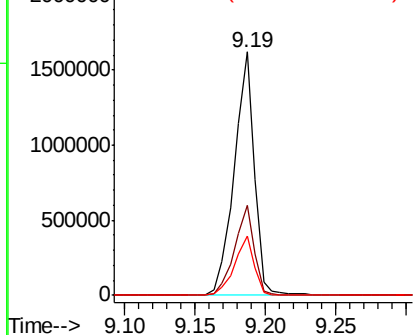
#45
 2-Fluorobiphenyl
 Concen: 89.682 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Instrument :
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Tgt Ion:172 Resp: 1605415
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 24.2 20.2 30.4

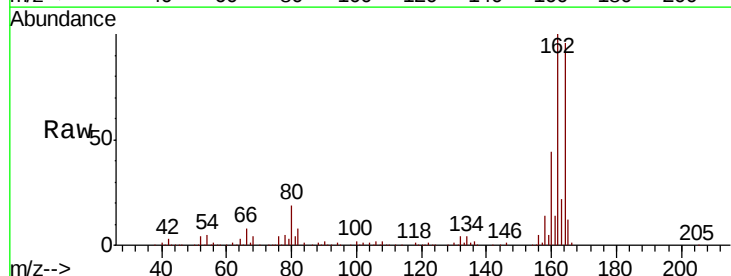


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

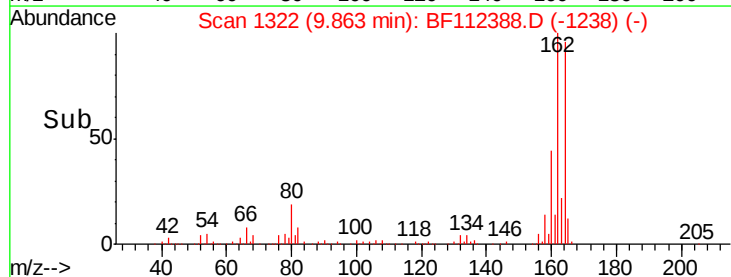
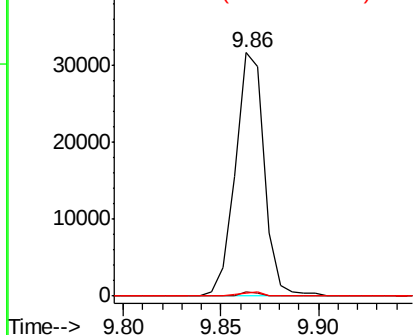


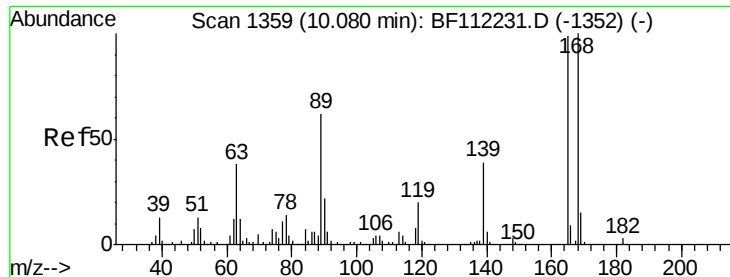
#51
 2,6-Dinitrotoluene
 Concen: 7.382 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.19 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Tgt Ion:165 Resp: 32523
 Ion Ratio Lower Upper
 165 100
 63 1.8 33.8 50.8#
 89 1.2 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

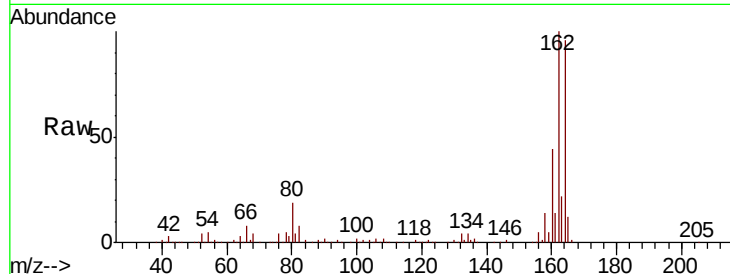




#57
 2,4-Dinitrotoluene
 Concen: 5.799 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.22 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200053

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	32523		
63	1.8	27.9	41.9#	
89	1.2	47.9	71.9#	
182	0.0	2.2	3.4#	



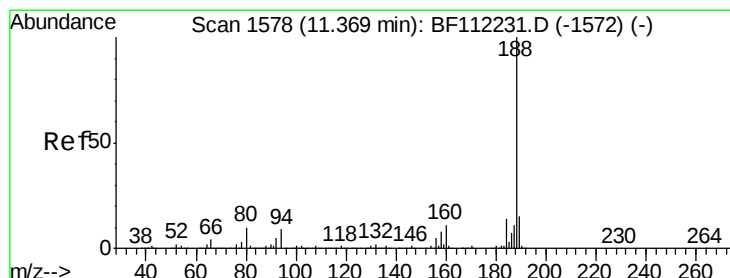
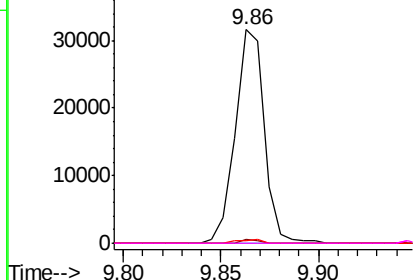
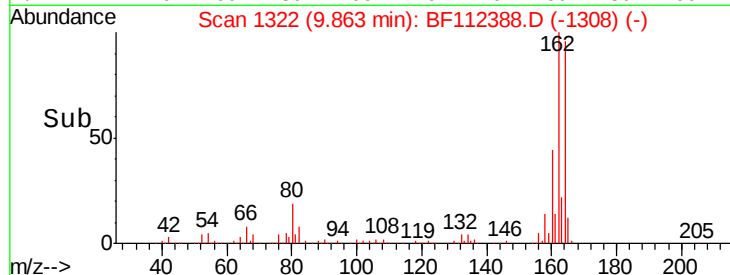
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

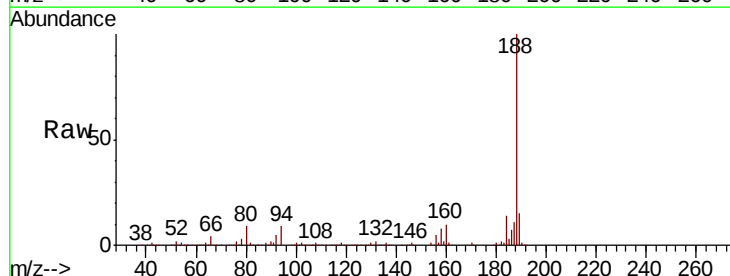
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	510087		
94	9.0	8.2	12.2	
80	9.5	8.9	13.3	

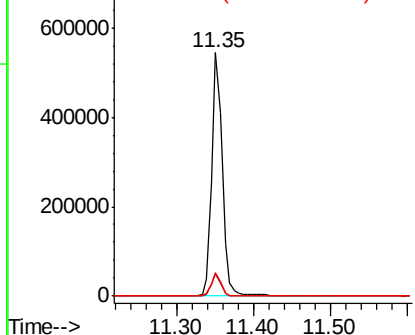
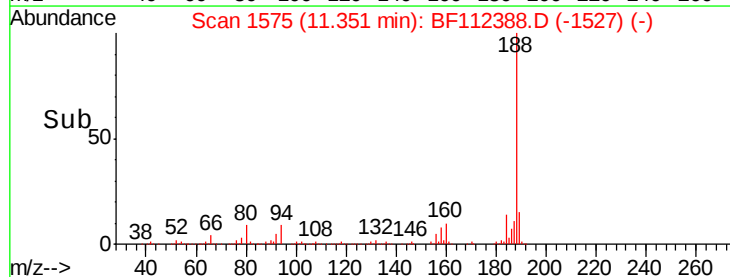


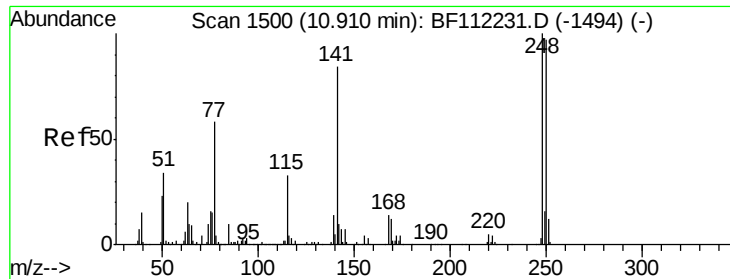
Abundance

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

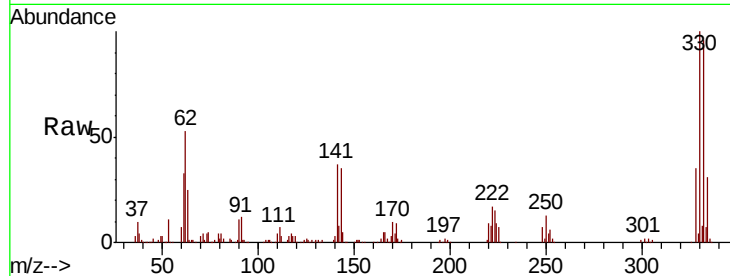




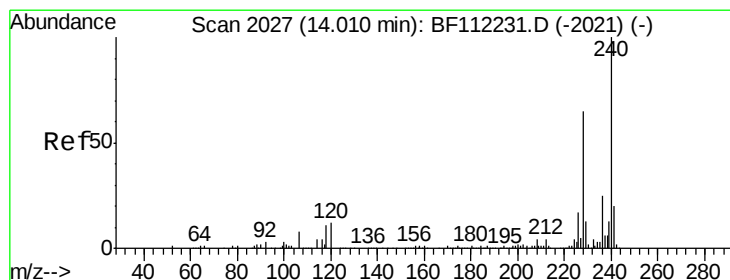
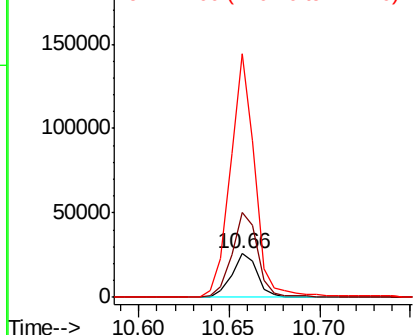
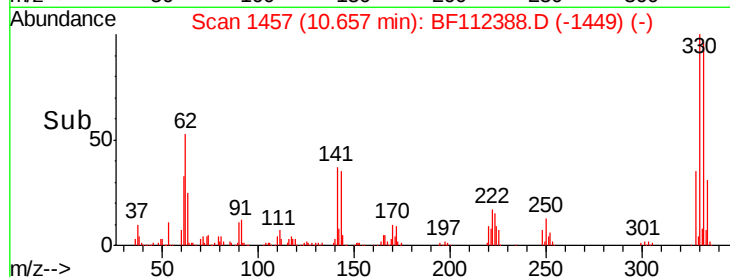
#67
4-Bromophenyl-phenylether
Concen: 4.248 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:248 Resp: 25485
Ion Ratio Lower Upper
248 100
250 193.2 79.7 119.5#
141 557.9 60.3 90.5#

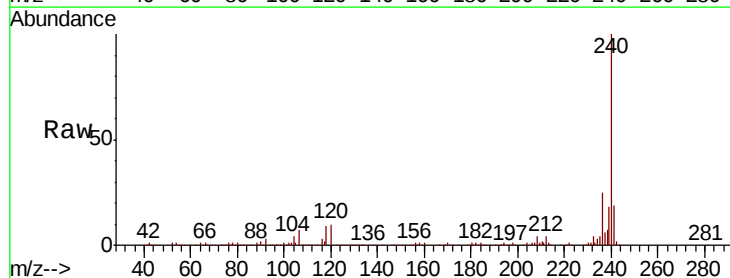


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

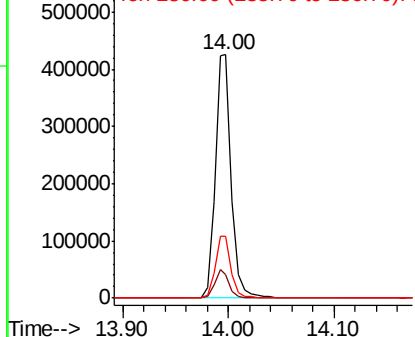
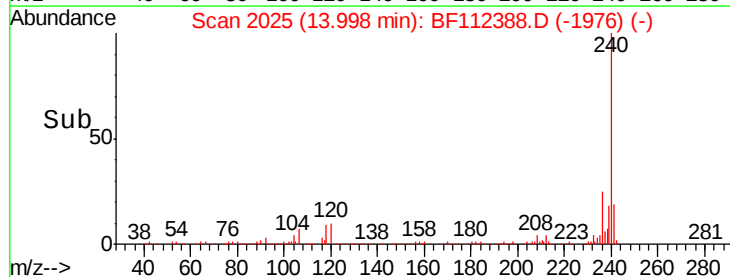


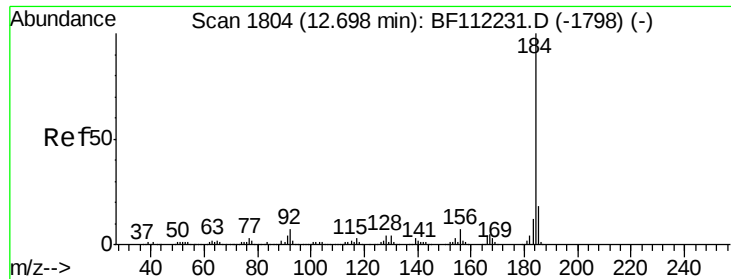
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Tgt Ion:240 Resp: 453911
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.6
236 25.2 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





#77

Benzidine

Concen: 2.006 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.24 min

Lab File: BF112388.D

Acq: 4 Feb 2019 18:55

Instrument :

BNA_F

ClientSampleId :

RBR-200053

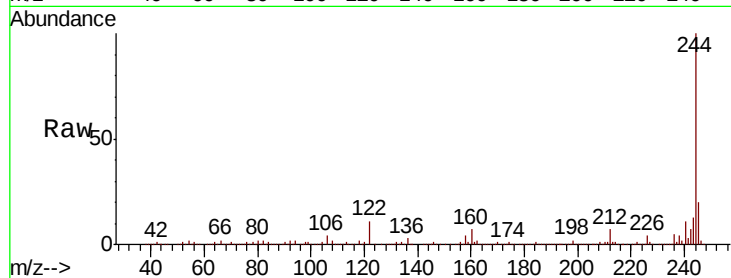
Tgt Ion:184 Resp: 25063

Ion Ratio Lower Upper

184 100

185 15.0 13.9 20.9

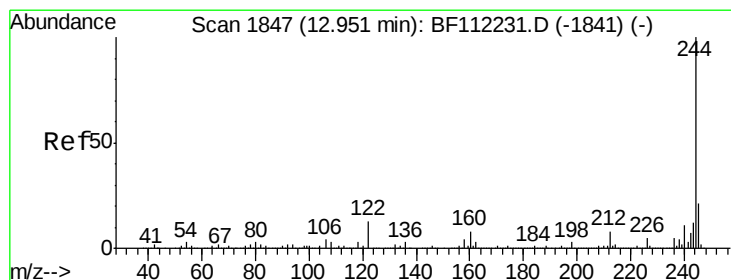
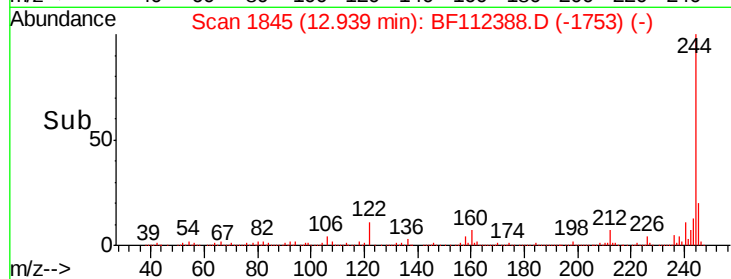
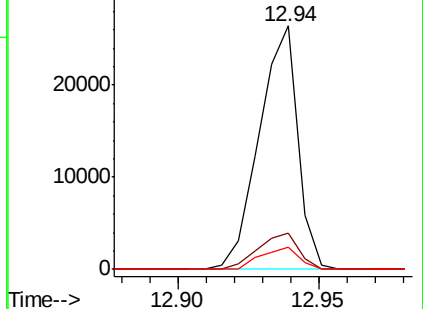
183 9.2 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 77.837 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112388.D

Acq: 4 Feb 2019 18:55

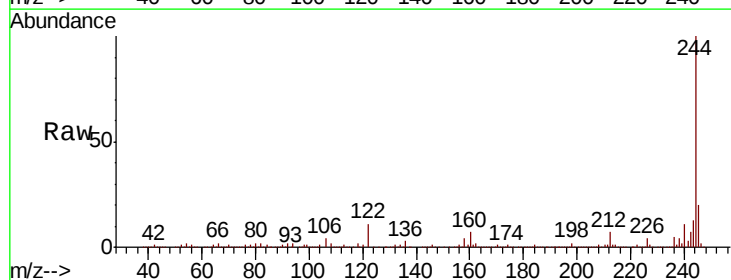
Tgt Ion:244 Resp: 1875869

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

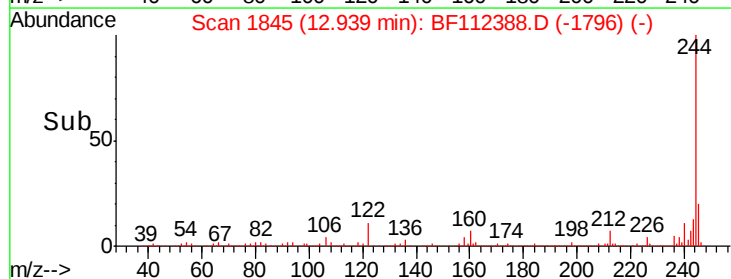
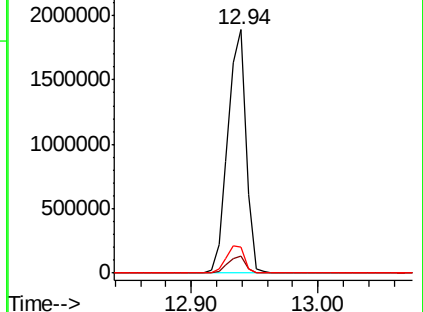
122 10.9 9.8 14.6

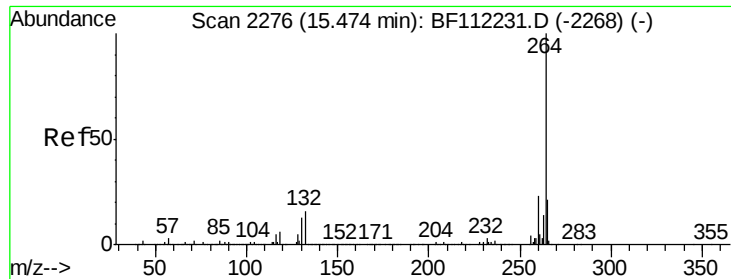


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.0	17.0	25.4

