

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
 Data File : BF112390.D
 Acq On : 4 Feb 2019 19:50
 Operator : JU/SJ
 Sample : K1360-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200053

Quant Time: Feb 04 23:47:43 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

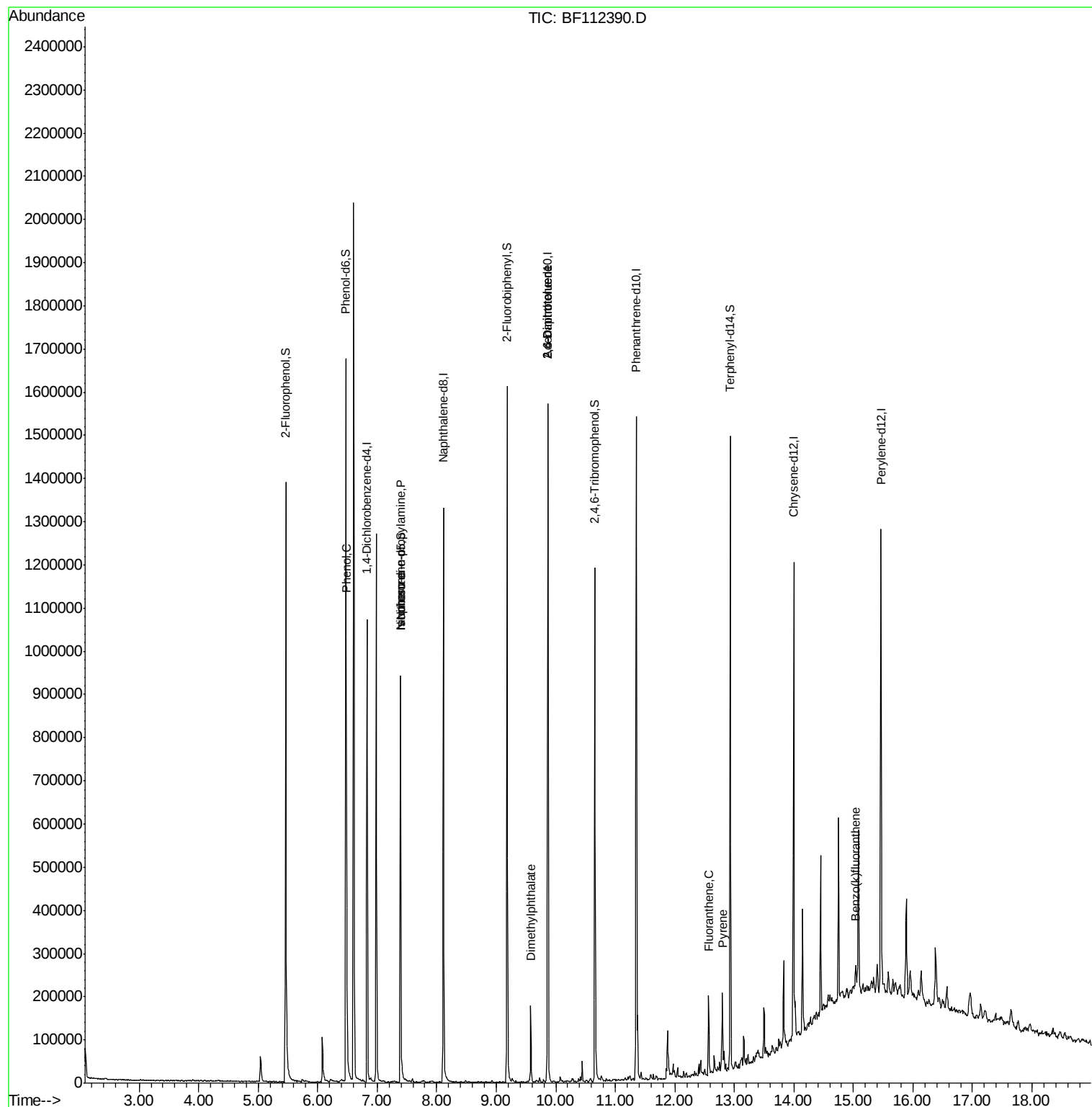
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	164425	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	647327	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	312581	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	565552	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	383495	20.00	ng	-0.01
87) Perylene-d12	15.46	264	365412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	443396	57.28	ng	-0.02
7) Phenol-d6	6.47	99	575880	53.54	ng	-0.02
23) Nitrobenzene-d5	7.39	82	339551	30.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	155625	42.77	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	535673	24.24	ng	-0.02
79) Terphenyl-d14	12.93	244	467502	22.96	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	42293	3.584	ng	83
19) n-Nitroso-di-n-propylamine	7.39	70	45328	6.111	ng	# 75
25) Isophorone	7.39	82	339548	19.266	ng	# 63
50) Dimethylphthalate	9.58	163	77081	3.174	ng	98
51) 2,6-Dinitrotoluene	9.87	165	38516	7.081	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	38516	5.562	ng	# 32
75) Fluoranthene	12.57	202	65872	2.089	ng	95
78) Pyrene	12.80	202	62016	2.336	ng	97
89) Benzo(k)fluoranthene	15.04	252	41879	2.001	ng	# 84

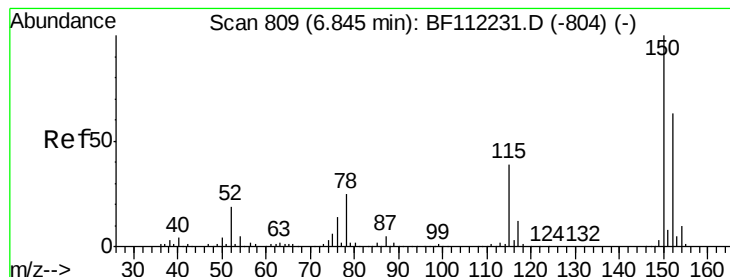
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112390.D

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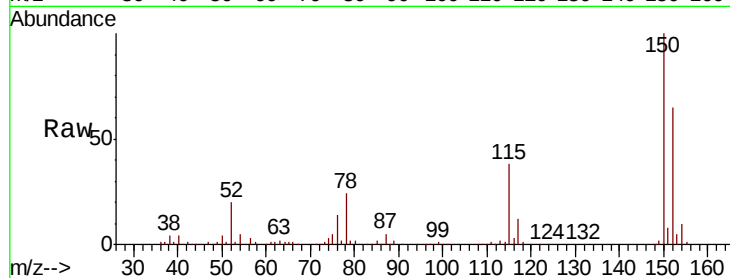
Tgt Ion:152 Resp: 164425

Ion Ratio Lower Upper

152 100

150 153.8 127.4 191.0

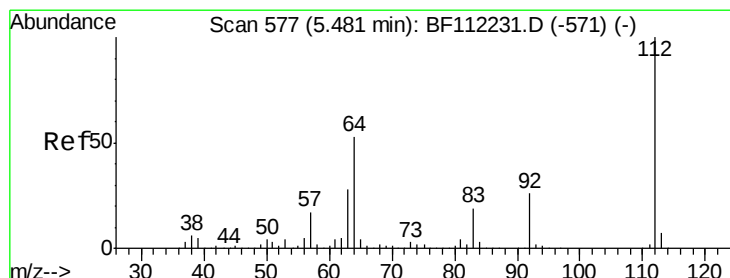
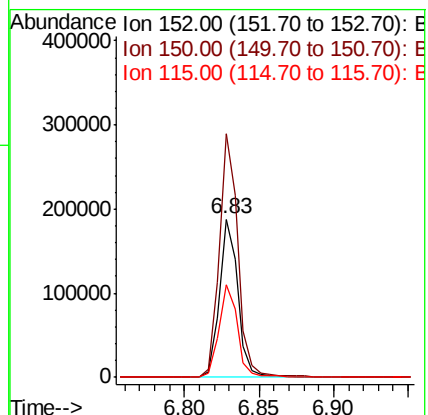
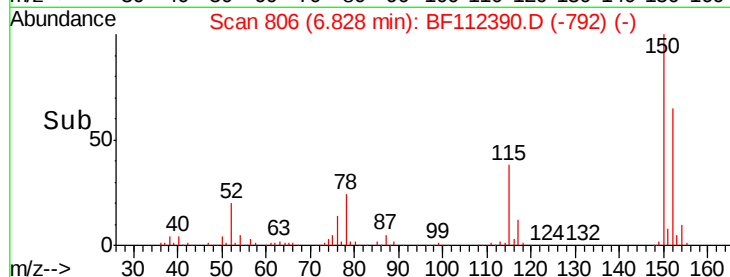
115 58.8 45.5 68.3



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: 57.279 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

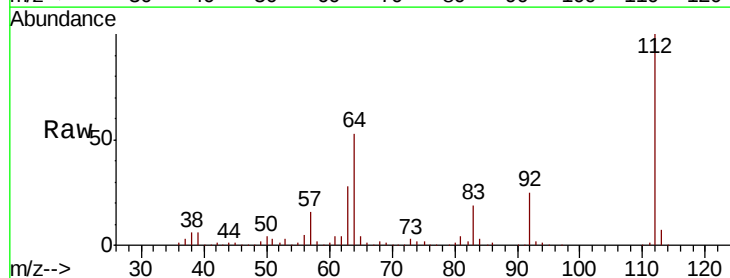
Tgt Ion:112 Resp: 443396

Ion Ratio Lower Upper

112 100

64 52.6 45.7 68.5

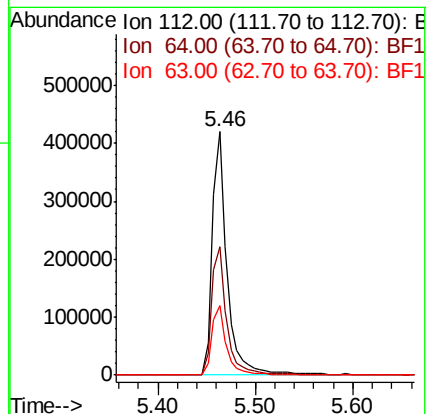
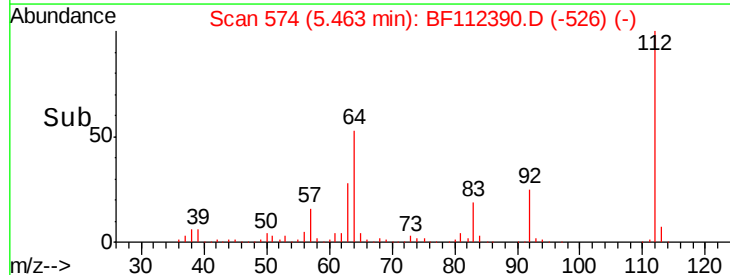
63 28.5 23.6 35.4

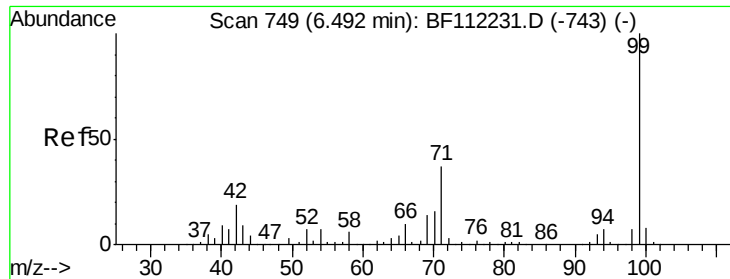


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 53.537 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

Instrument :

BNA_F

ClientSampleId :

RBR-200053

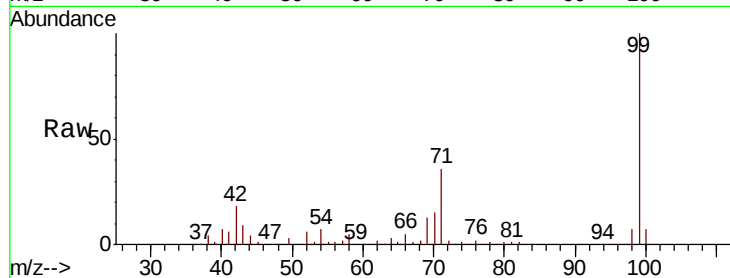
Tgt Ion: 99 Resp: 575880

Ion Ratio Lower Upper

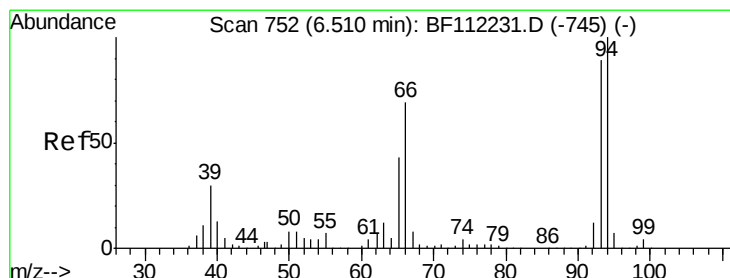
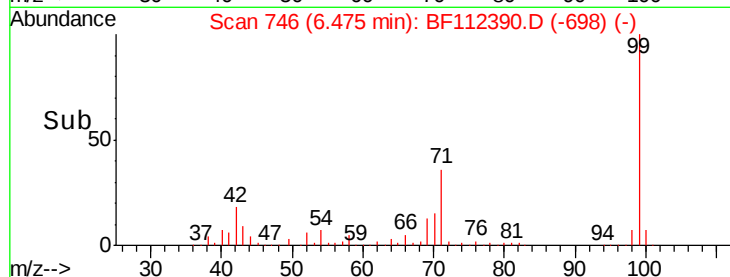
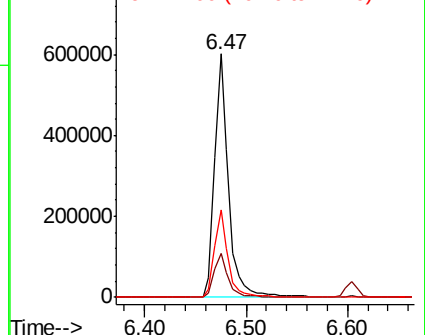
99 100

42 18.3 15.1 22.7

71 35.9 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: 3.584 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

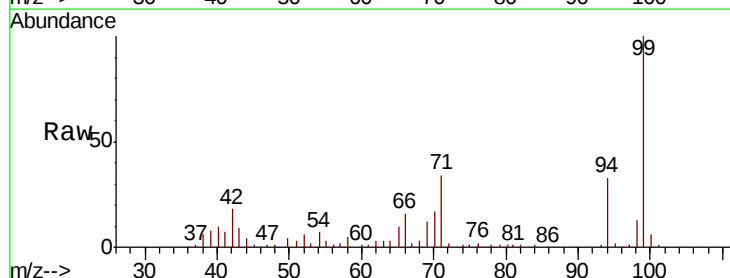
Tgt Ion: 94 Resp: 42293

Ion Ratio Lower Upper

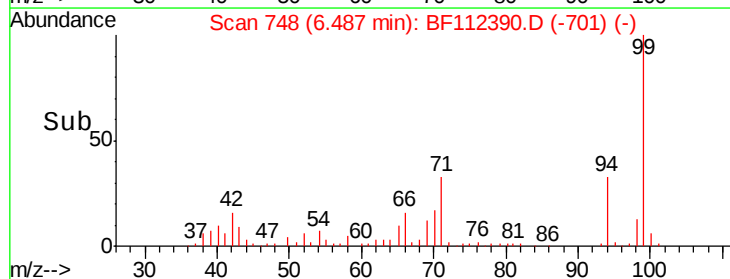
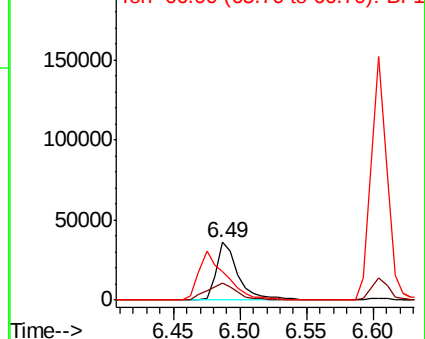
94 100

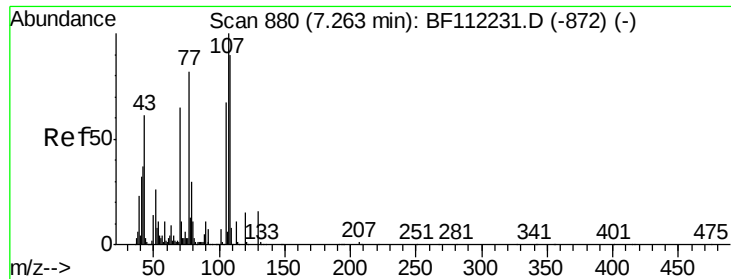
65 30.0 20.3 60.3

66 49.7 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

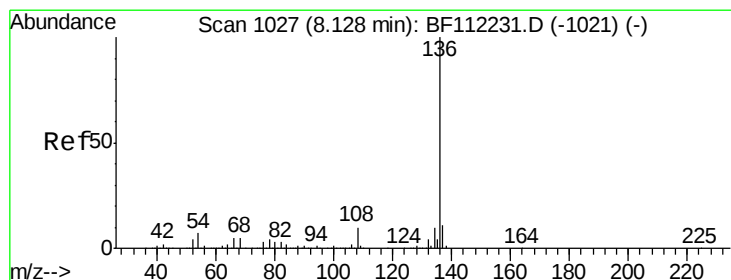
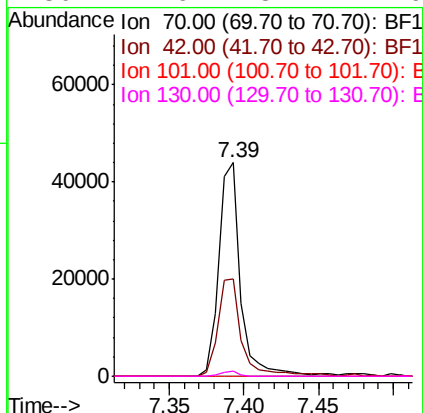
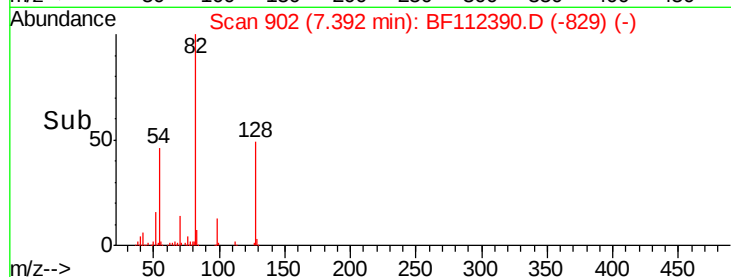
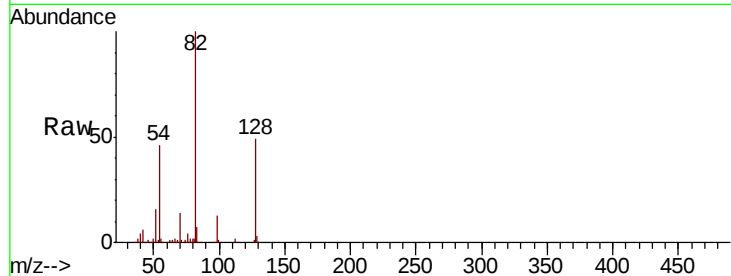




#19
n-Nitroso-di-n-propylamine
Concen: 6.111 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

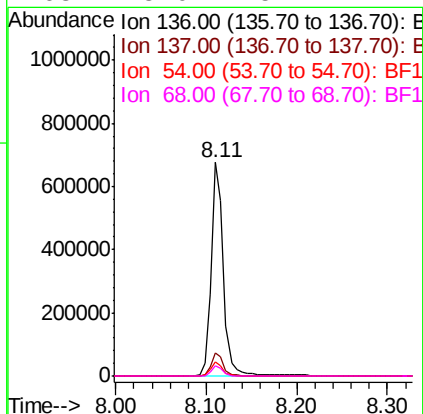
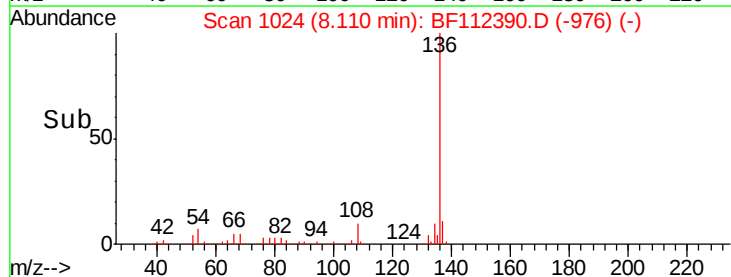
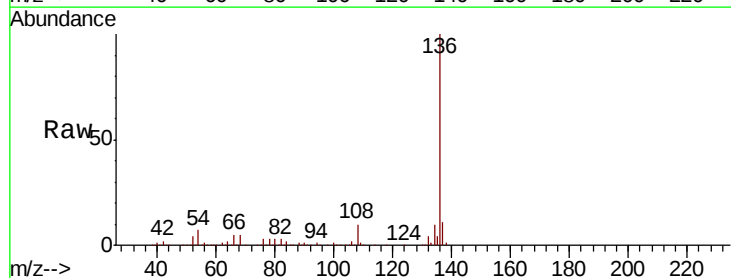
Instrument :
BNA_F
ClientSampleId :
RBR-200053

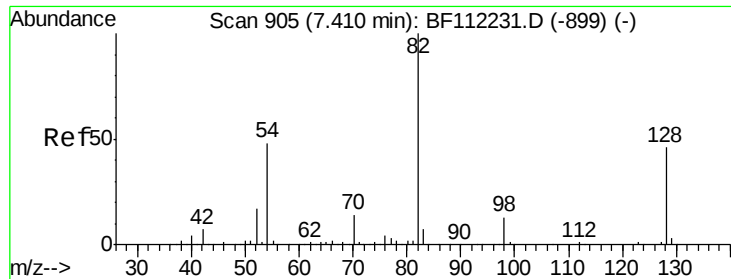
Tgt Ion: 70 Resp: 45328
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 7.9 11.9#
130 2.6 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion: 136 Resp: 647327
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.8 5.9 8.9
68 5.0 5.1 7.7#

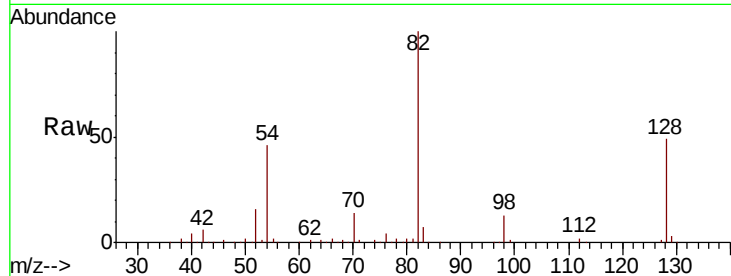




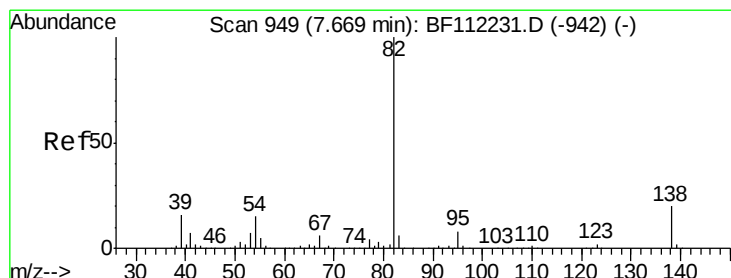
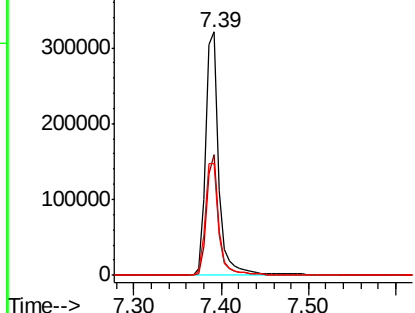
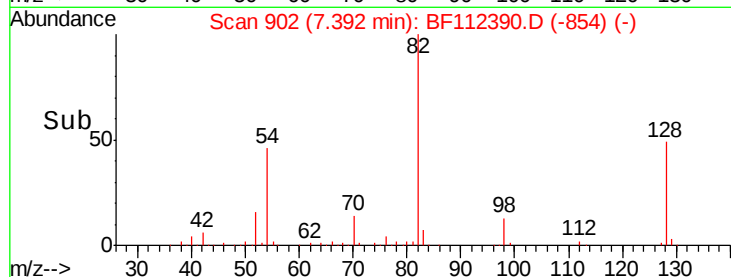
#23
Nitrobenzene-d5
Concen: 30.224 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion: 82 Resp: 339551
Ion Ratio Lower Upper
82 100
128 49.3 37.8 56.8
54 46.0 39.7 59.5

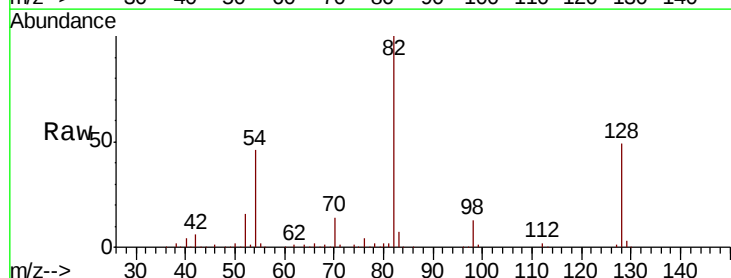


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

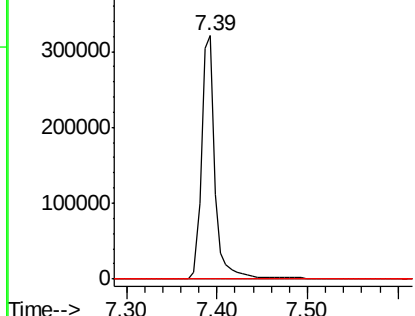
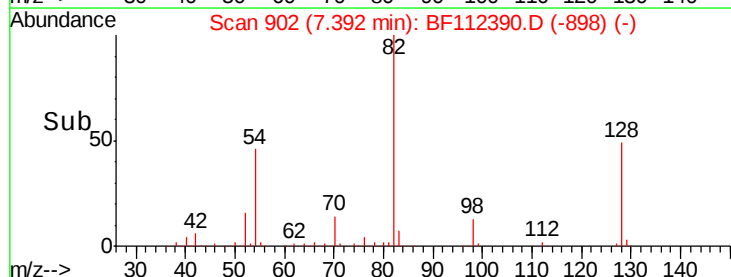


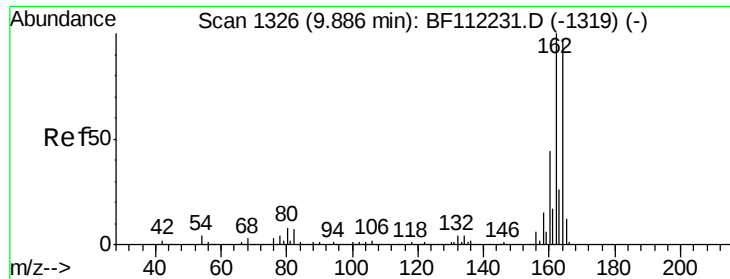
#25
Isophorone
Concen: 19.266 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion: 82 Resp: 339548
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

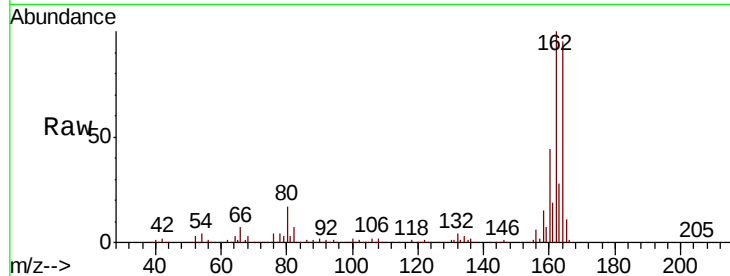




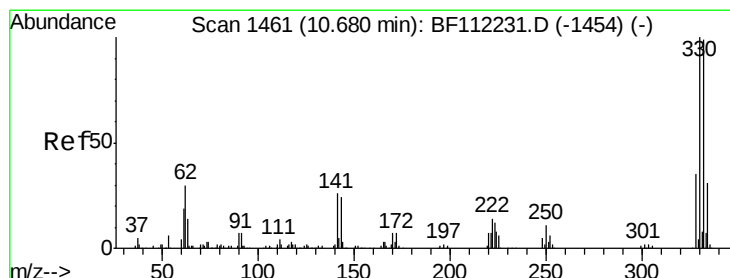
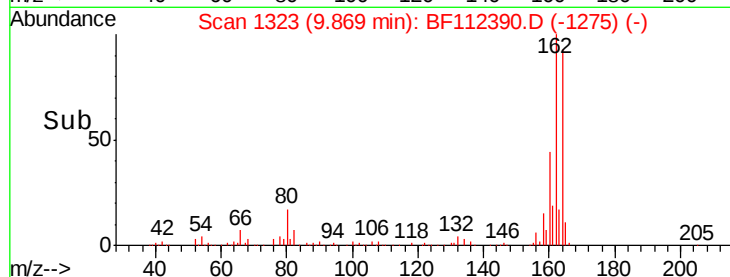
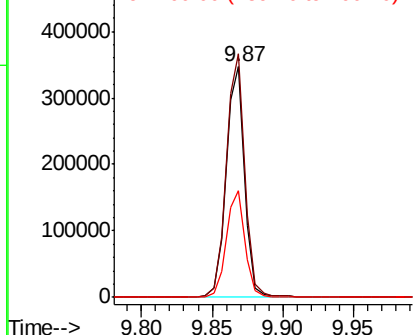
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
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ClientSampleId :
RBR-200053

Tgt Ion:164 Resp: 312581
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.4
160 46.6 36.2 54.4

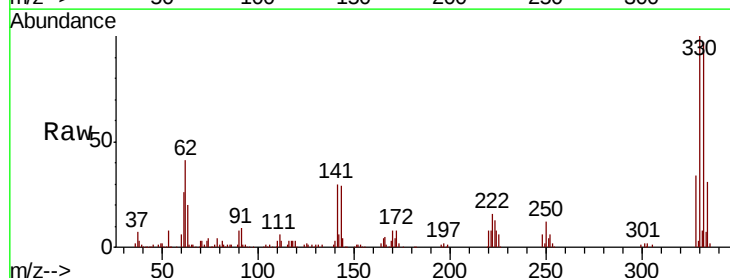


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

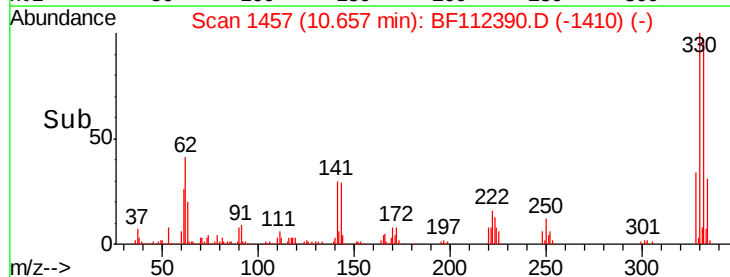
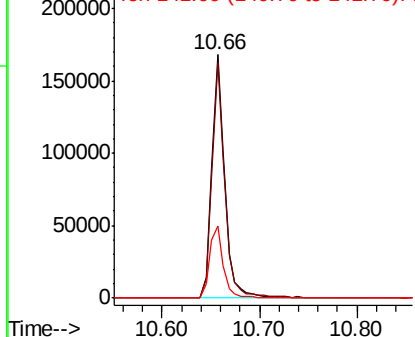


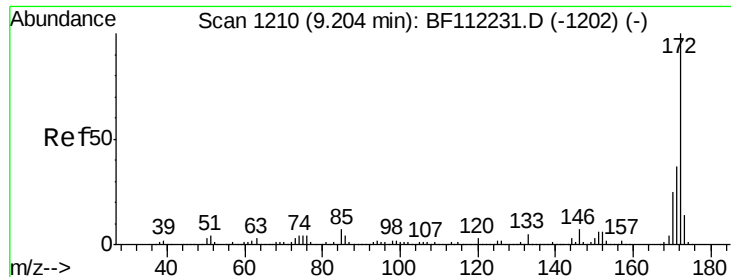
#42
2,4,6-Tribromophenol
Concen: 42.773 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:330 Resp: 155625
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 30.9 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

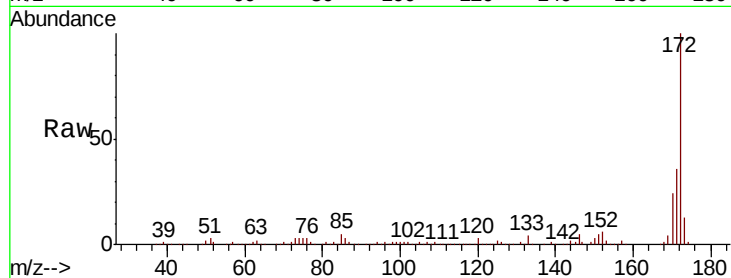




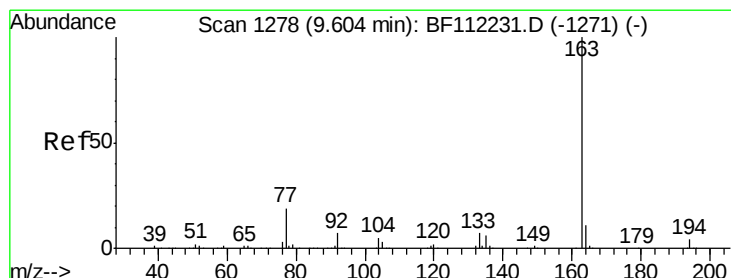
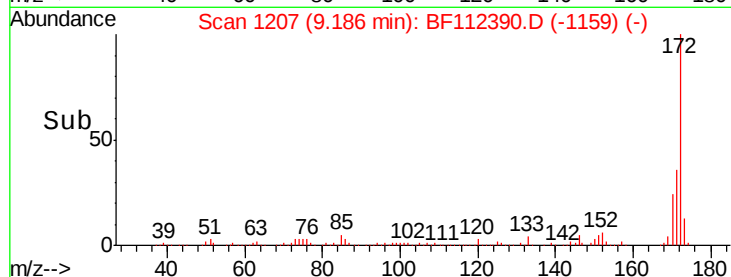
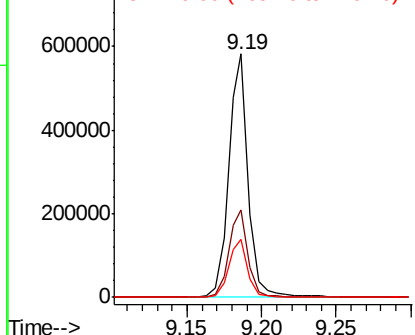
#45
2-Fluorobiphenyl
Concen: 24.238 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.7	20.2	30.4

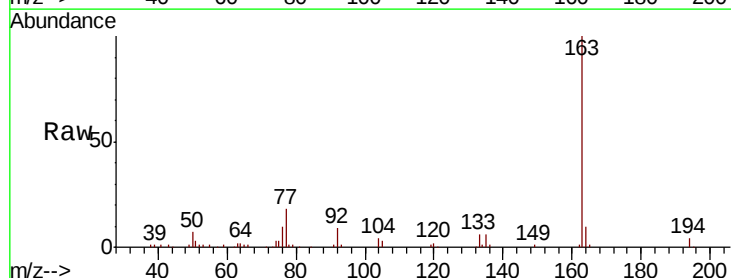


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

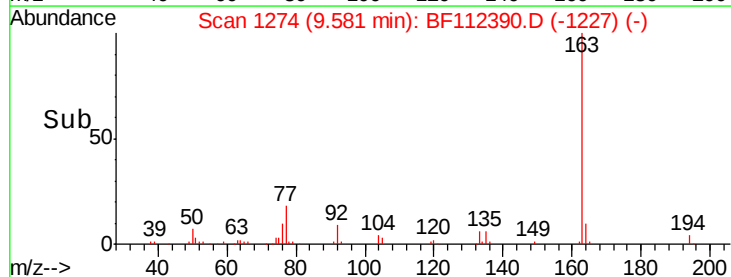
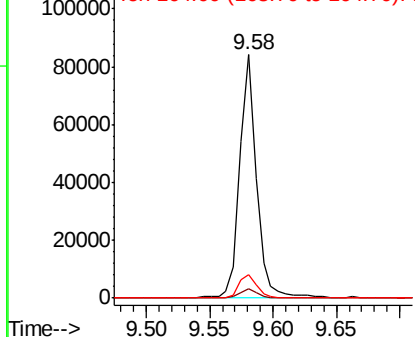


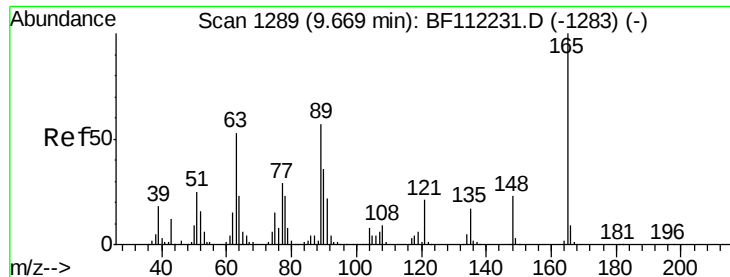
#50
Dimethylphthalate
Concen: 3.174 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	9.7	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

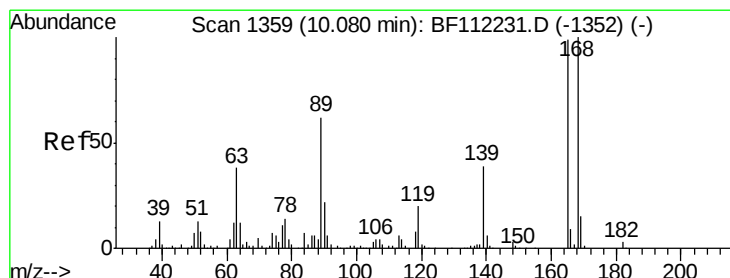
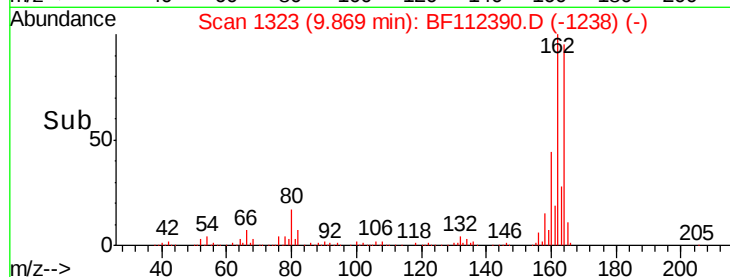
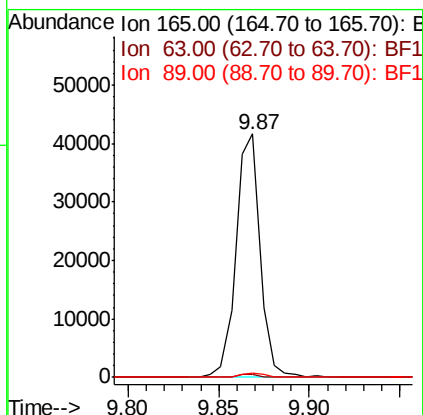
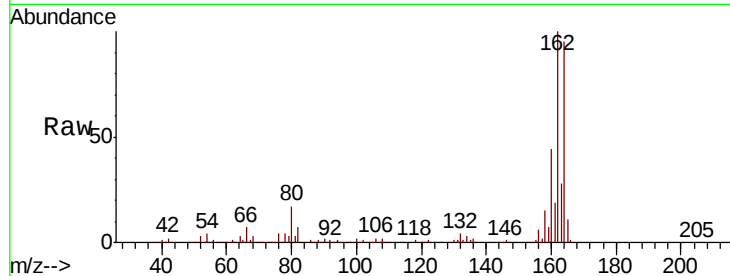




#51
 2,6-Dinitrotoluene
 Concen: 7.081 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112390.D
 Acq: 4 Feb 2019 19:50

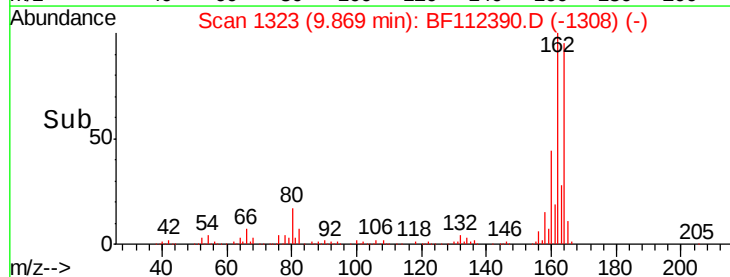
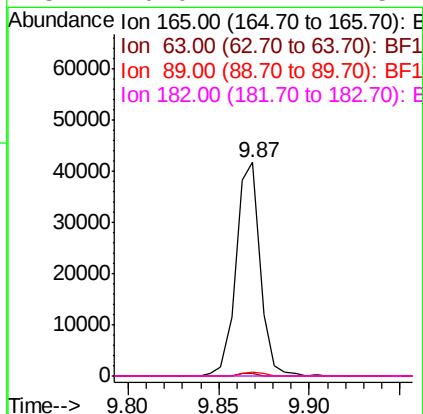
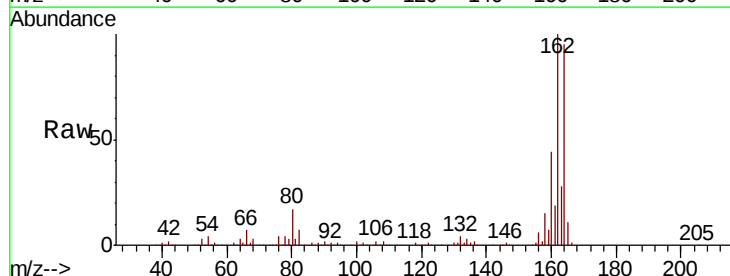
Instrument :
 BNA_F
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 RBR-200053

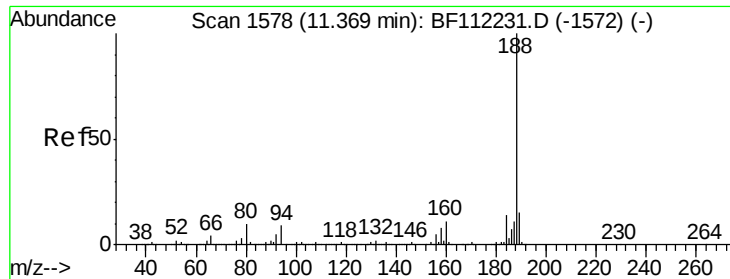
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.7	36.9	55.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.562 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112390.D
 Acq: 4 Feb 2019 19:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

Instrument :

BNA_F

ClientSampleId :

RBR-200053

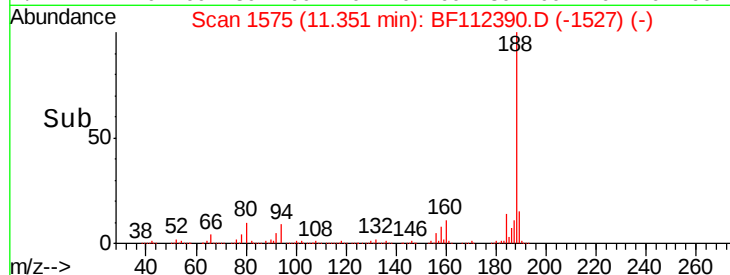
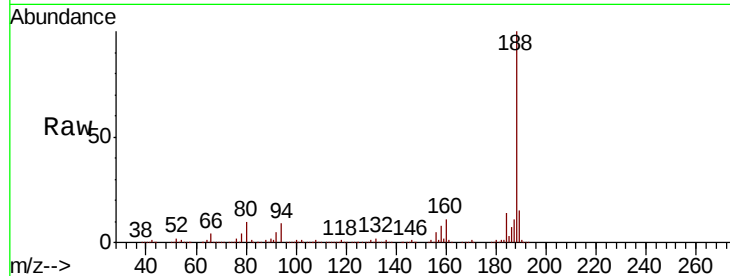
Tgt Ion:188 Resp: 565552

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

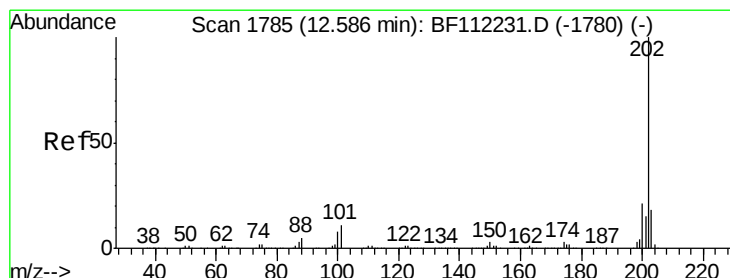
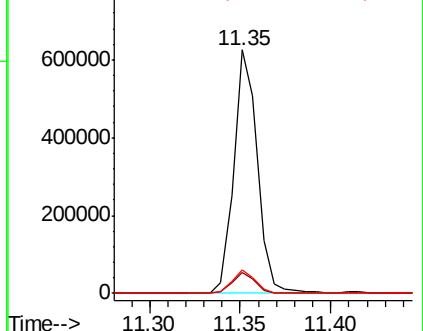
80 9.6 8.9 13.3



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



#75

Fluoranthene

Concen: 2.089 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

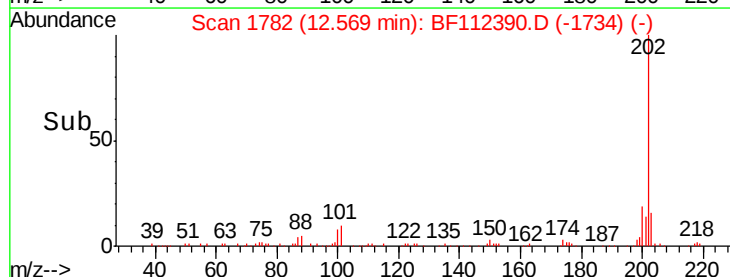
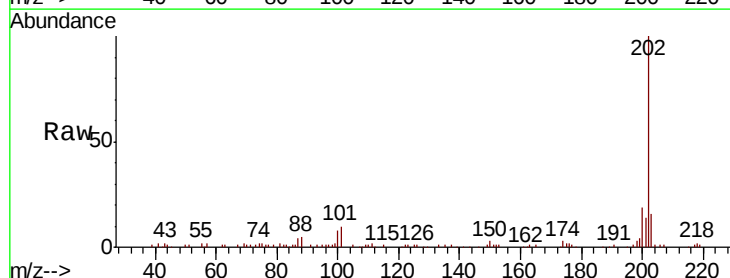
Tgt Ion:202 Resp: 65872

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.8

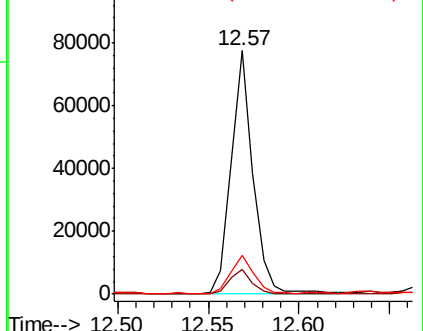
203 16.0 0.0 38.4

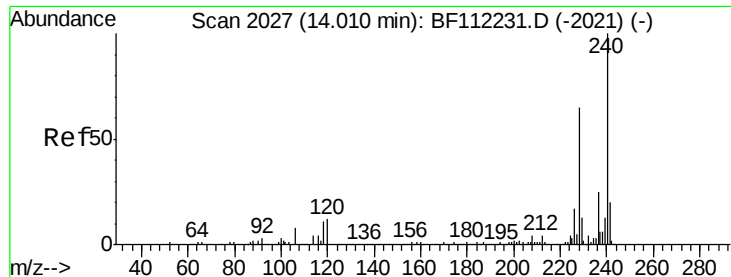


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

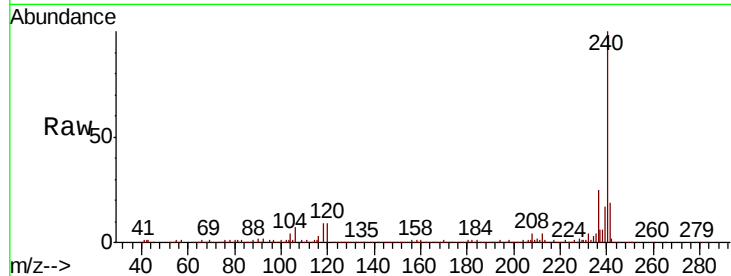




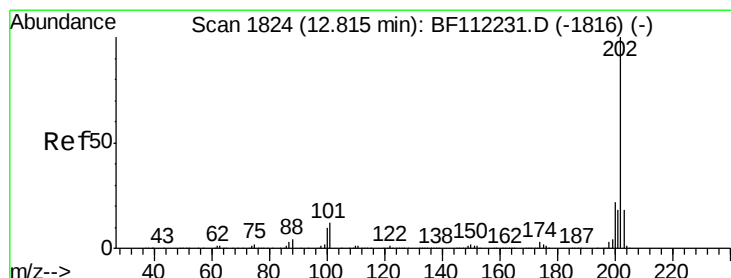
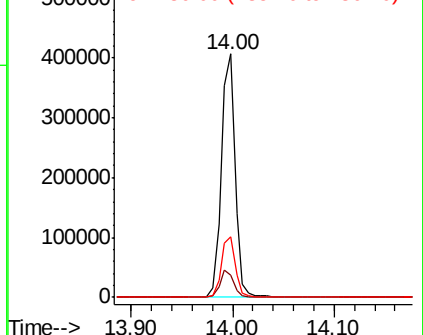
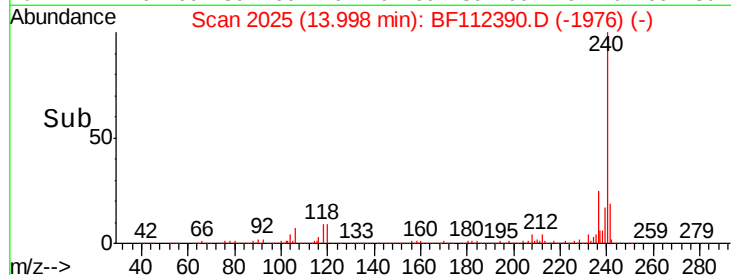
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tgt Ion:240 Resp: 383495
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.6
236 25.1 20.7 31.1

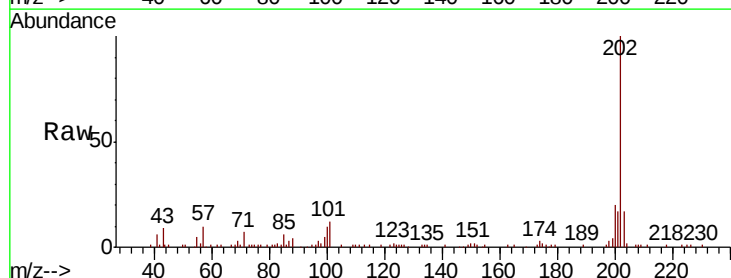


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

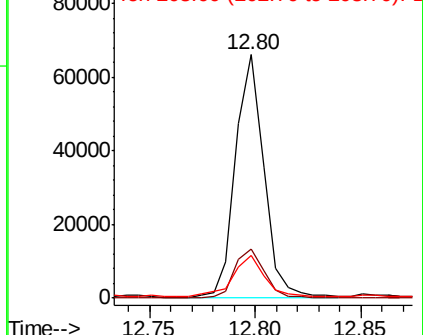
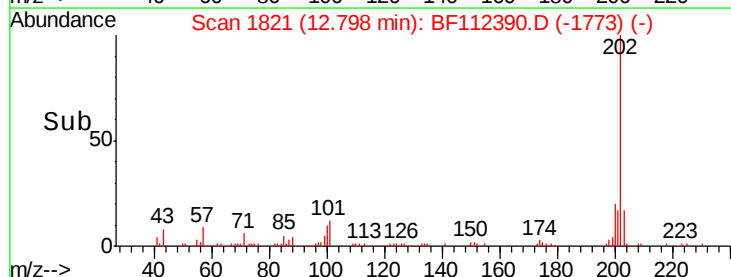


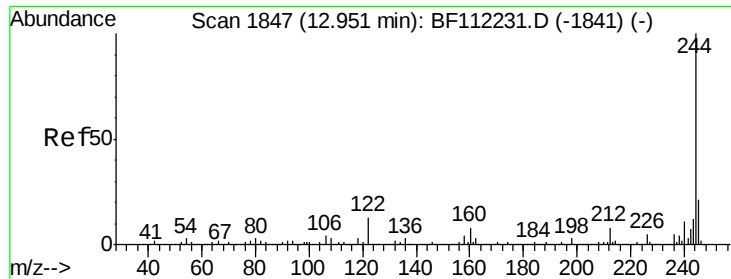
#78
Pyrene
Concen: 2.336 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:202 Resp: 62016
Ion Ratio Lower Upper
202 100
200 20.0 17.7 26.5
203 17.5 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 22.960 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

Instrument :

BNA_F

ClientSampleId :

RBR-200053

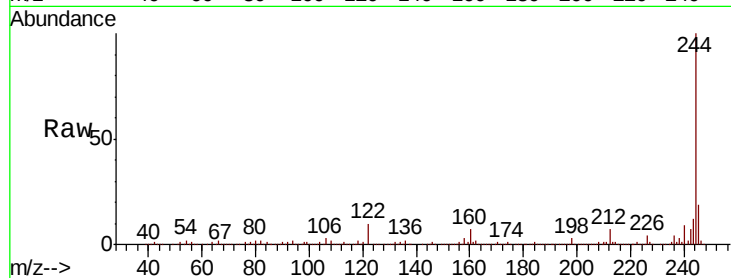
Tgt Ion:244 Resp: 467502

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

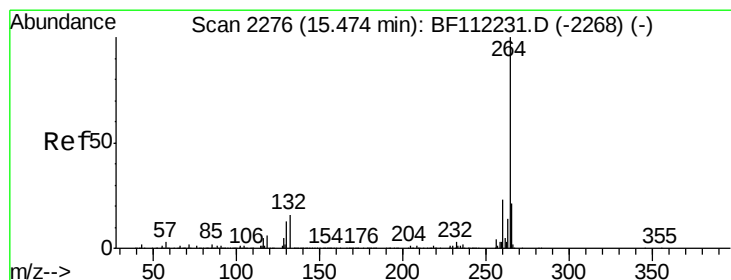
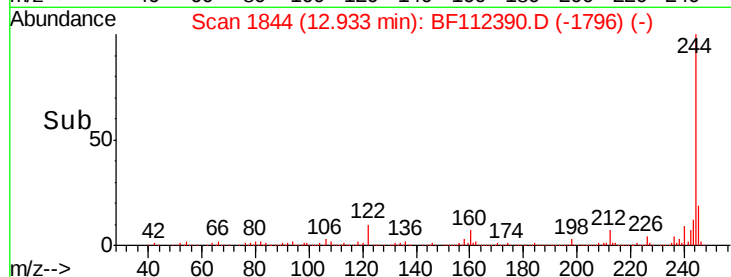
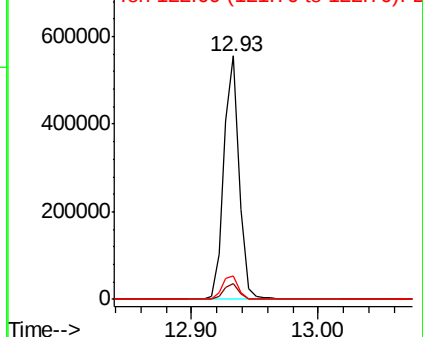
122 9.8 9.8 14.6#



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: BF112390.D

Acq: 4 Feb 2019 19:50

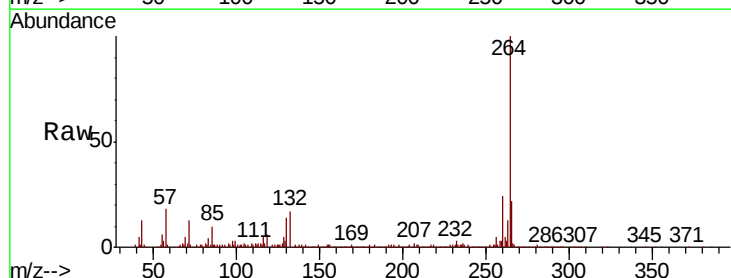
Tgt Ion:264 Resp: 365412

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

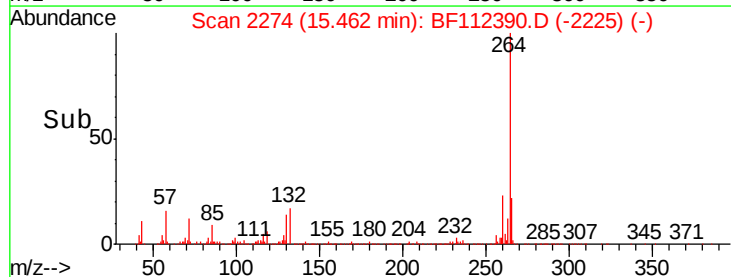
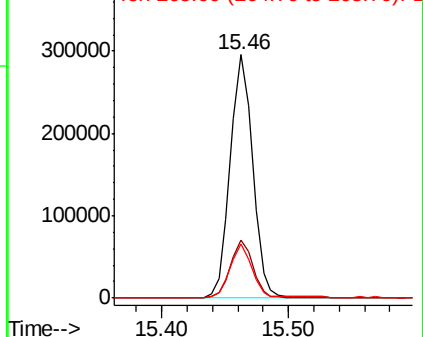
265 22.1 17.0 25.4

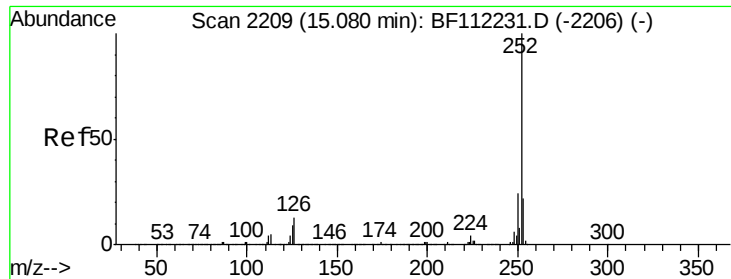


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(k)fluoranthene

Concen: 2.001 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.04 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

Instrument :

BNA_F

ClientSampleId :

RBR-200053

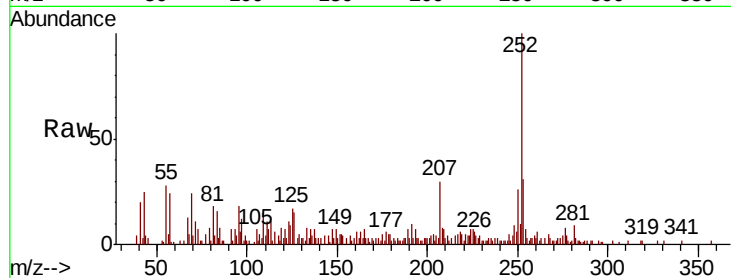
Tgt Ion: 252 Resp: 41879

Ion Ratio Lower Upper

252 100

253 30.9 18.0 27.0#

125 16.8 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

