

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113004.D
 Acq On : 12 Mar 2019 15:50
 Operator : JU/SJ
 Sample : K1687-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-A

Quant Time: Mar 13 03:56:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

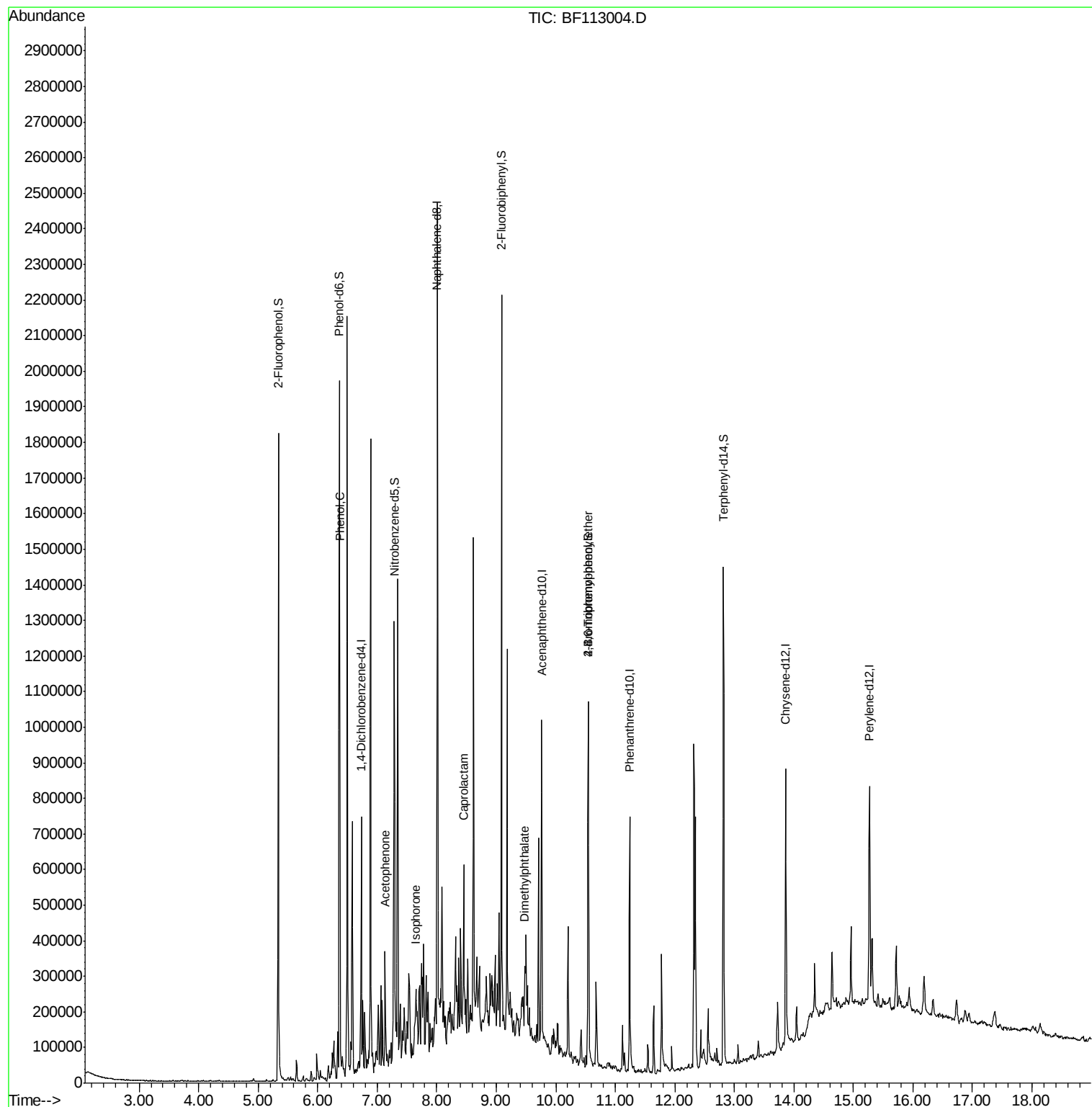
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	112833	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	382617	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	178102	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	294767	20.00	ng	0.00
76) Chrysene-d12	13.86	240	290808	20.00	ng	0.00
87) Perylene-d12	15.27	264	308945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	516027	71.14	ng	0.00
7) Phenol-d6	6.36	99	666824	73.18	ng	-0.01
23) Nitrobenzene-d5	7.29	82	370657	57.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	147900	78.22	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	631623	53.22	ng	0.00
79) Terphenyl-d14	12.82	244	500807	33.38	ng	0.00
Target Compounds						
10) Phenol	6.37	94	24249	2.281	ng	98
22) Acetophenone	7.13	105	21412	2.393	ng	# 36
25) Isophorone	7.64	82	31161	2.262	ng	# 66
35) Caprolactam	8.45	113	9969	5.296	ng	# 29
50) Dimethylphthalate	9.48	163	49266	3.751	ng	# 98
67) 4-Bromophenyl-phenylether	10.55	248	8277	2.666	ng	# 1

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

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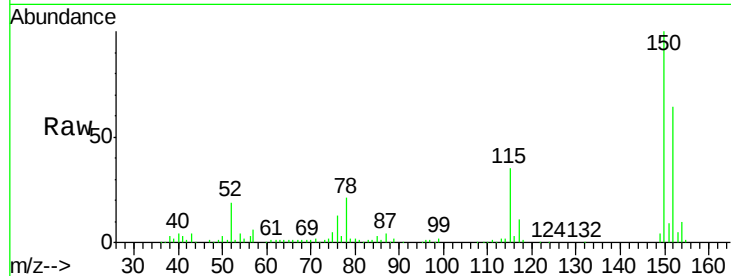


#1

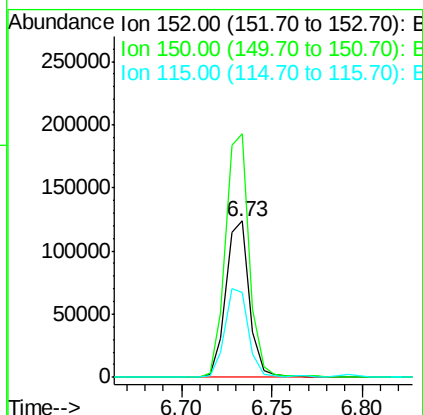
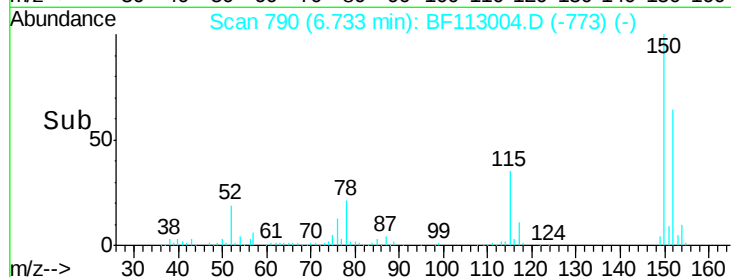
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113004.D
Acq: 12 Mar 2019 15:50

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion:152 Resp: 112833
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 54.5 48.2 72.4



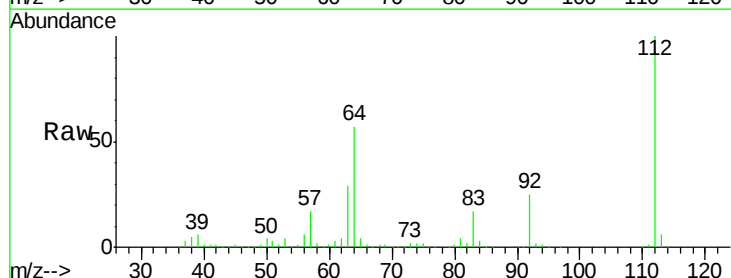
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



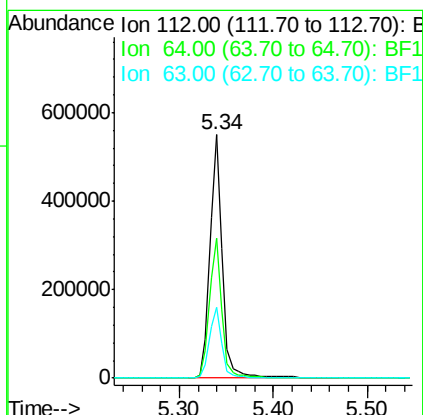
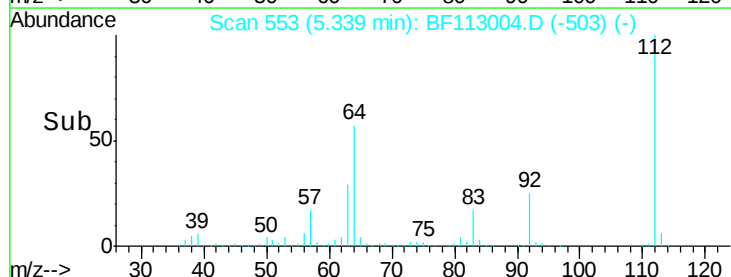
#5

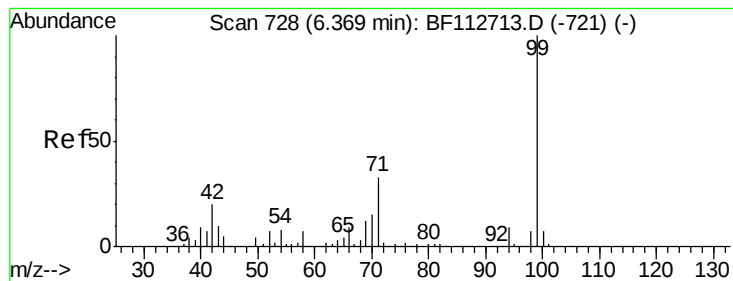
2-Fluorophenol
Concen: 71.141 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113004.D
Acq: 12 Mar 2019 15:50

Tgt Ion:112 Resp: 516027
Ion Ratio Lower Upper
112 100
64 57.4 47.6 71.4
63 28.9 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: 73.183 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113004.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-A

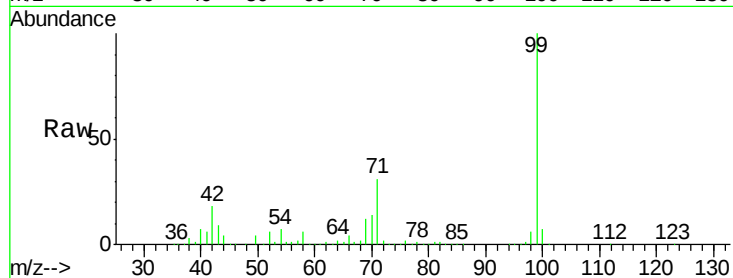
Tgt Ion: 99 Resp: 666824

Ion Ratio Lower Upper

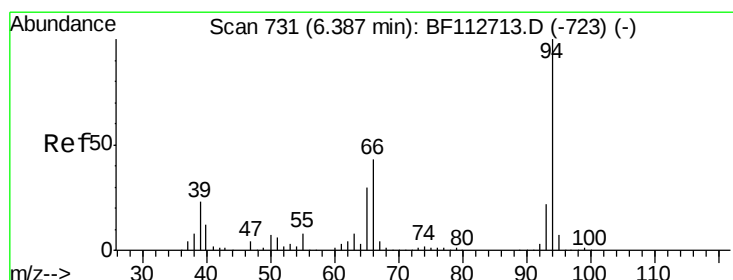
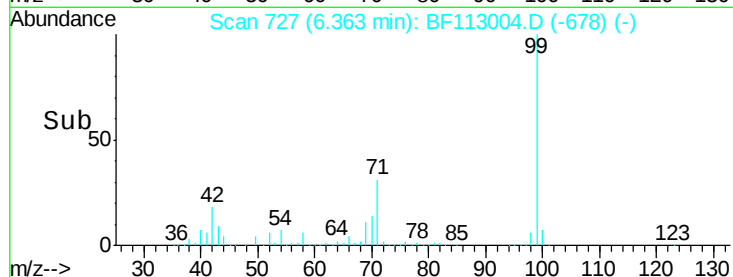
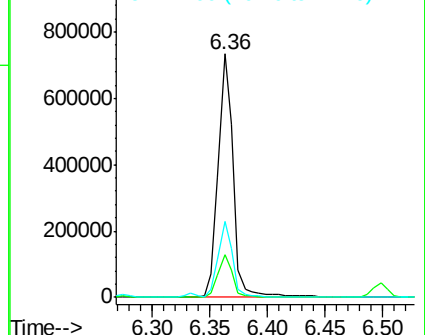
99 100

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: 2.281 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113004.D

Acq: 12 Mar 2019 15:50

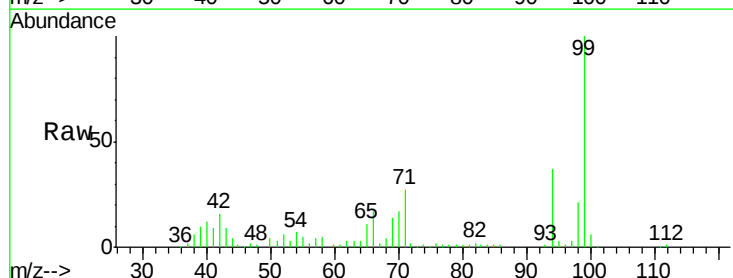
Tgt Ion: 94 Resp: 24249

Ion Ratio Lower Upper

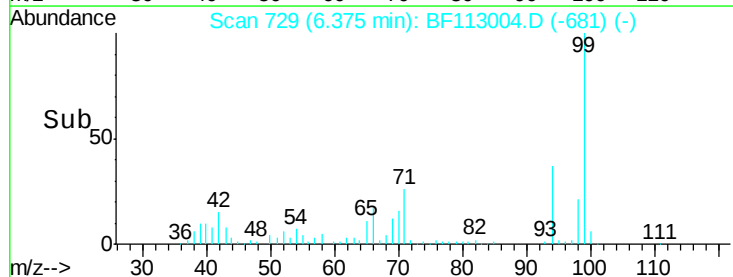
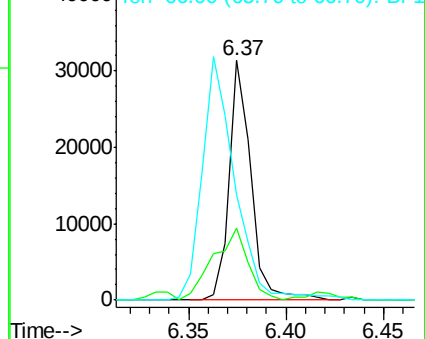
94 100

65 29.9 10.5 50.5

66 44.2 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: BF113004.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-A

Tgt Ion:136 Resp: 382617

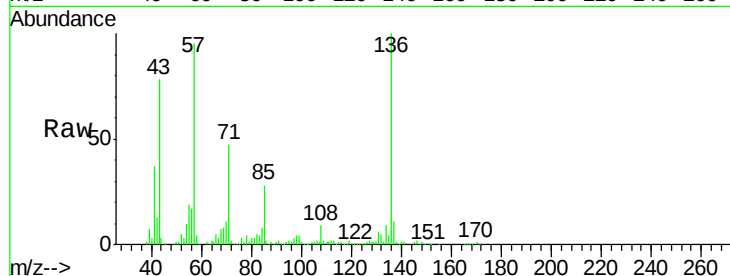
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.1 7.3 10.9

68 7.1 5.4 8.2



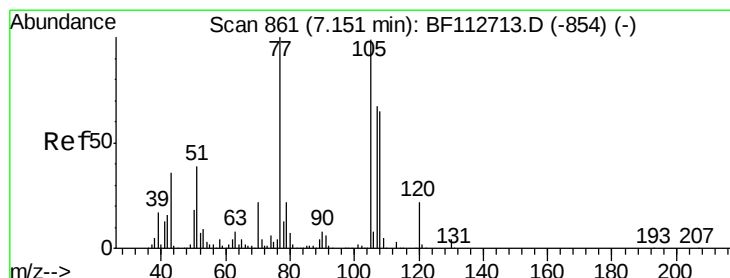
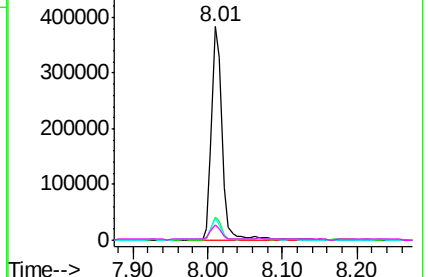
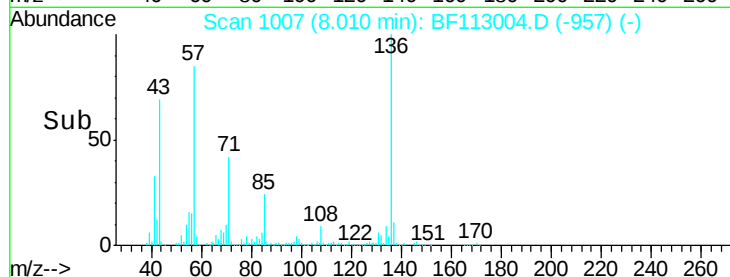
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 2.393 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF113004.D

Acq: 12 Mar 2019 15:50

Tgt Ion:105 Resp: 21412

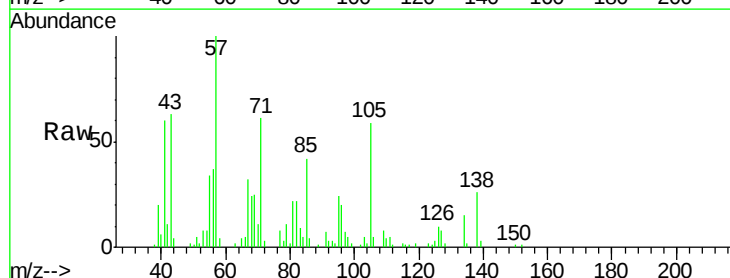
Ion Ratio Lower Upper

105 100

71 104.0 3.0 4.4#

51 8.0 31.5 47.3#

120 0.0 18.1 27.1#



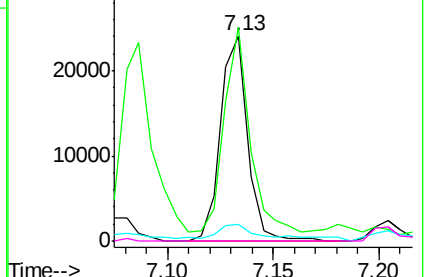
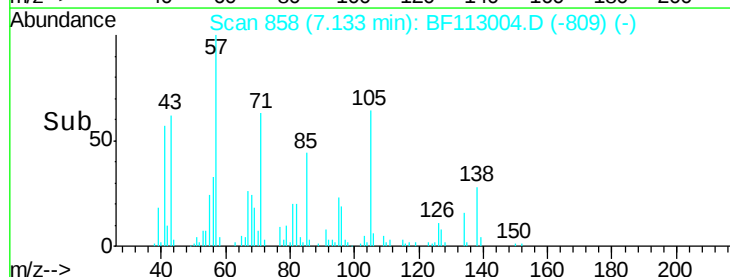
Abundance Ion 105.00 (104.70 to 105.70): E

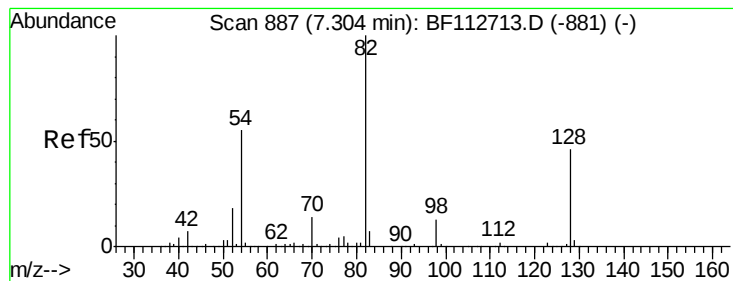
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->





#23

Nitrobenzene-d5

Concen: 57.968 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113004.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-A

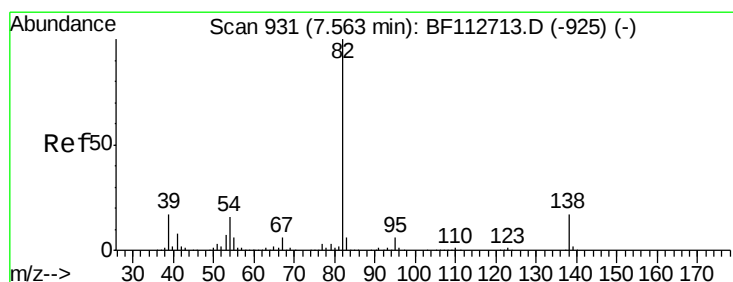
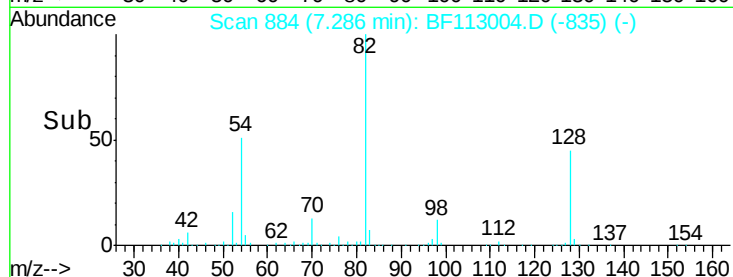
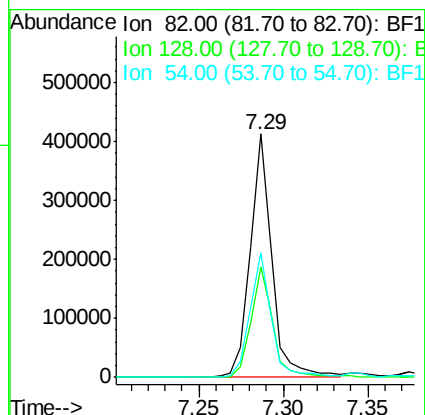
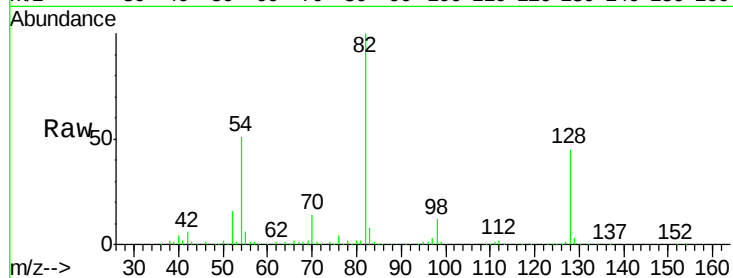
Tgt Ion: 82 Resp: 370657

Ion Ratio Lower Upper

82 100

128 45.3 36.3 54.5

54 51.3 43.7 65.5



#25

Isophorone

Concen: 2.262 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.08 min

Lab File: BF113004.D

Acq: 12 Mar 2019 15:50

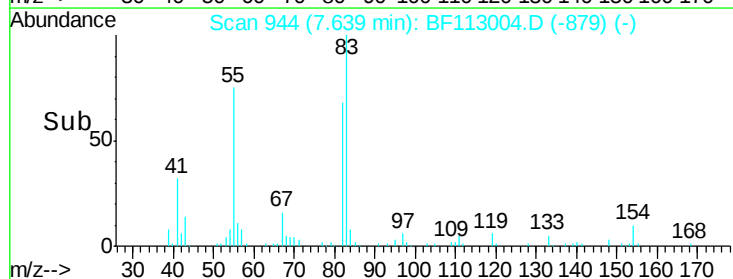
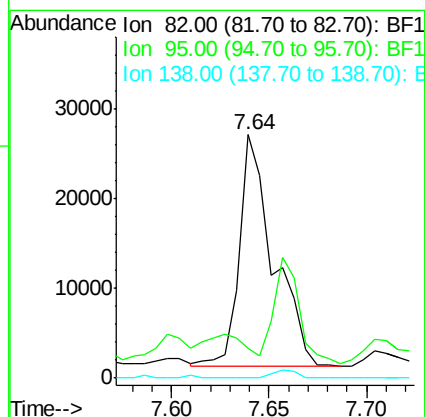
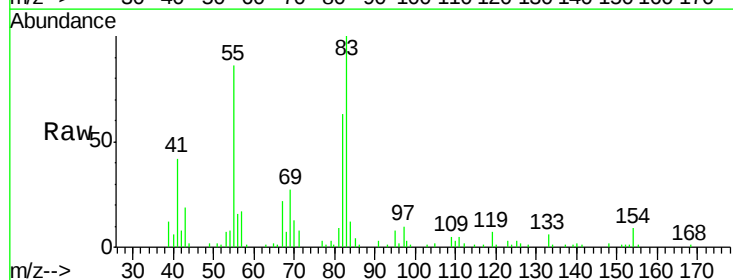
Tgt Ion: 82 Resp: 31161

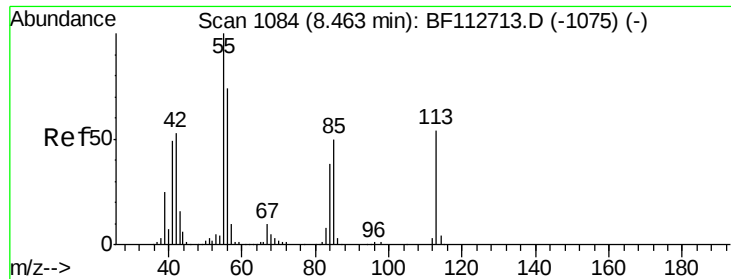
Ion Ratio Lower Upper

82 100

95 12.5 5.2 7.8#

138 0.0 13.8 20.8#

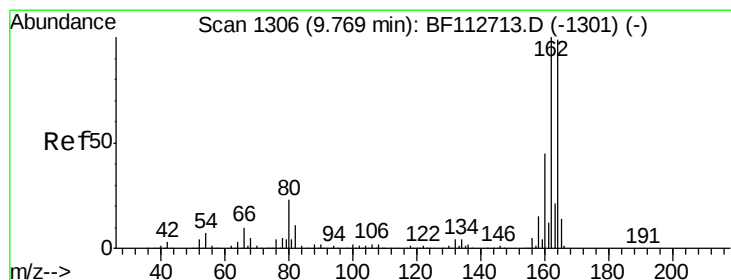
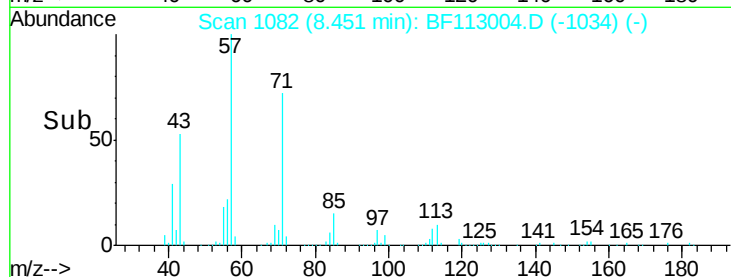
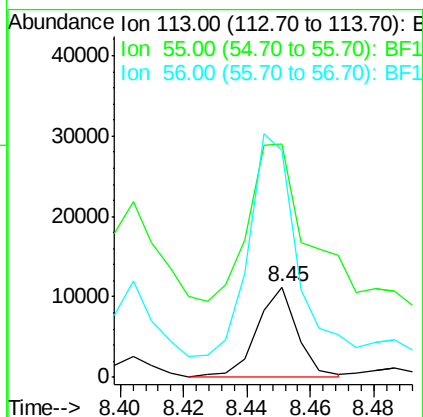
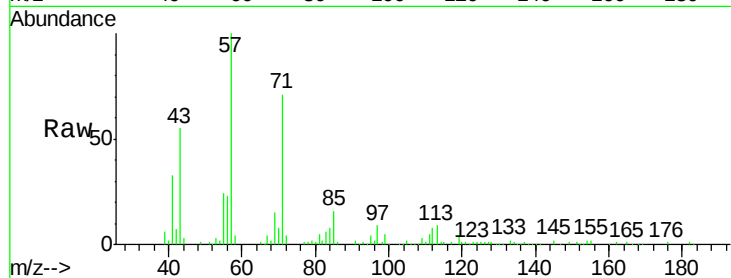




#35
 Caprolactam
 Concen: 5.296 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF113004.D
 Acq: 12 Mar 2019 15:50

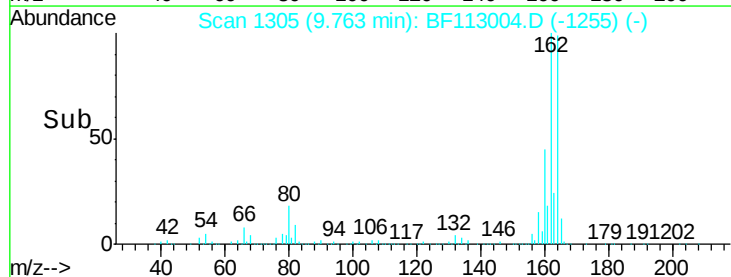
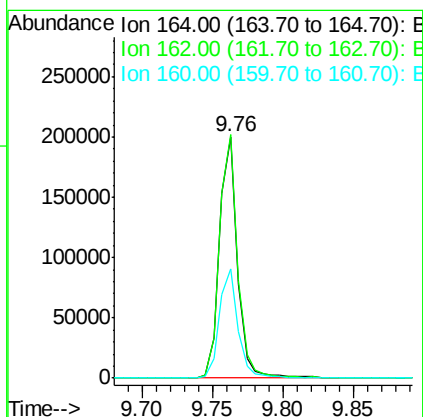
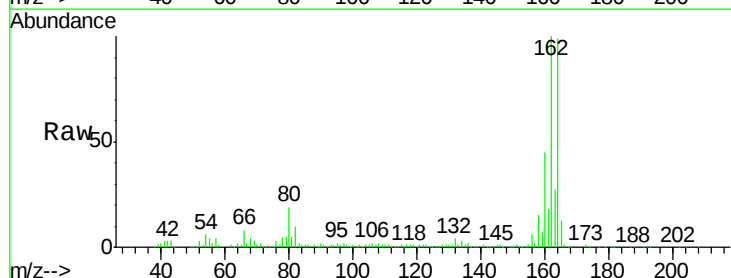
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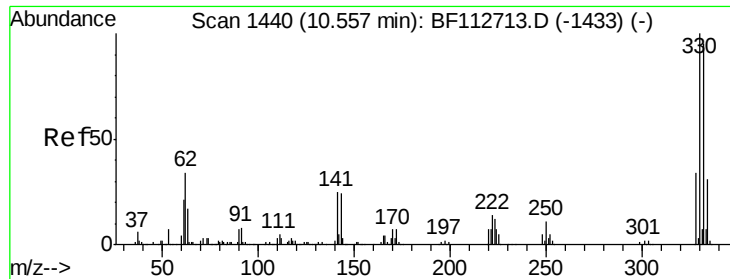
Tgt Ion:113 Resp: 9969
 Ion Ratio Lower Upper
 113 100
 55 257.5 163.5 203.5#
 56 251.3 115.3 155.3#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113004.D
 Acq: 12 Mar 2019 15:50

Tgt Ion:164 Resp: 178102
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 120.8
 160 45.3 36.0 54.0

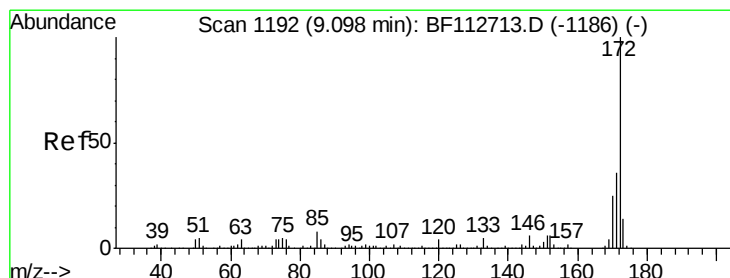
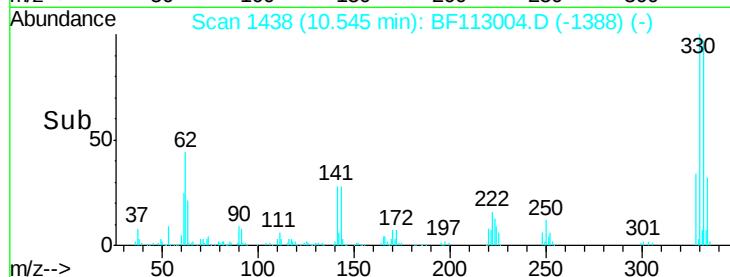
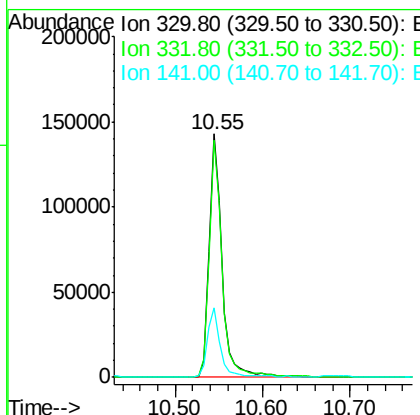
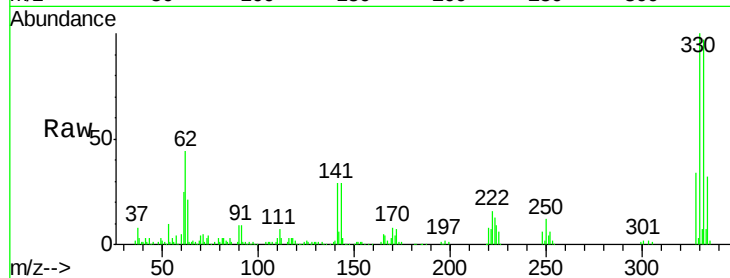




#42
 2,4,6-Tribromophenol
 Concen: 78.222 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113004.D
 Acq: 12 Mar 2019 15:50

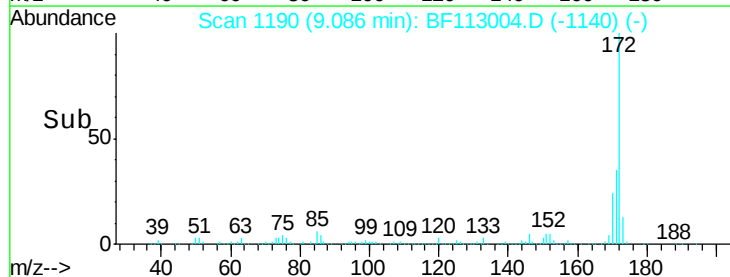
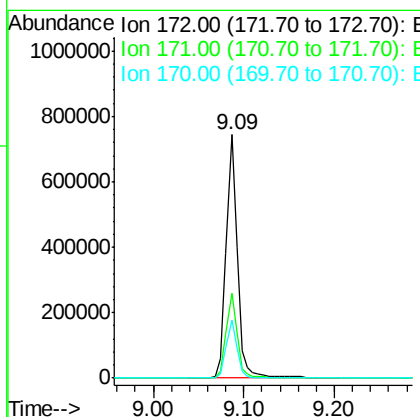
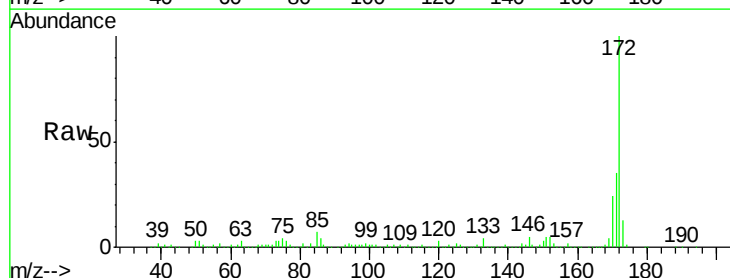
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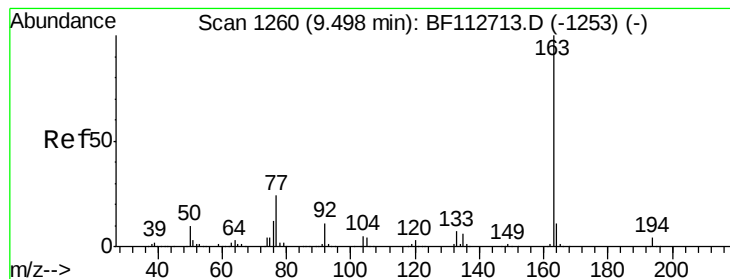
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	27.9	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 53.219 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113004.D
 Acq: 12 Mar 2019 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	23.8	20.0	30.0





#50

Dimethylphthalate

Concen: 3.751 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113004.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-A

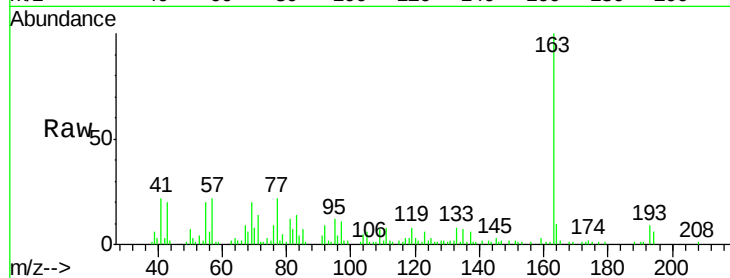
Tgt Ion:163 Resp: 49266

Ion Ratio Lower Upper

163 100

194 5.6 3.0 4.4#

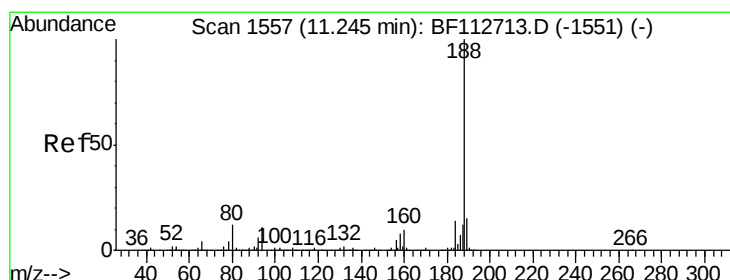
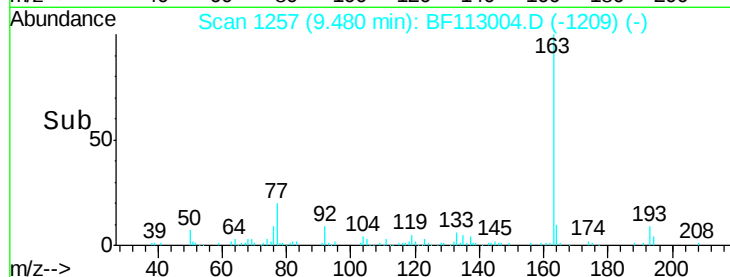
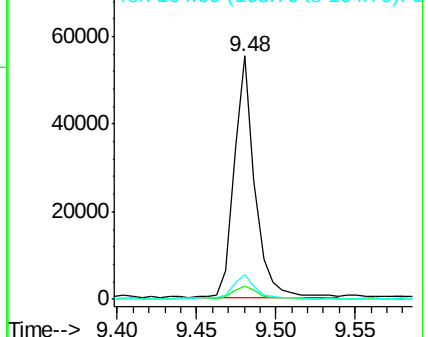
164 10.2 8.4 12.6



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: BF113004.D

Acq: 12 Mar 2019 15:50

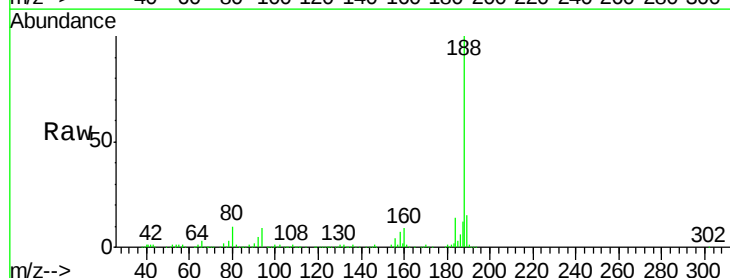
Tgt Ion:188 Resp: 294767

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

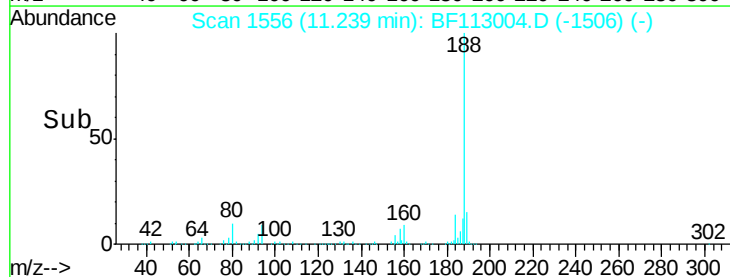
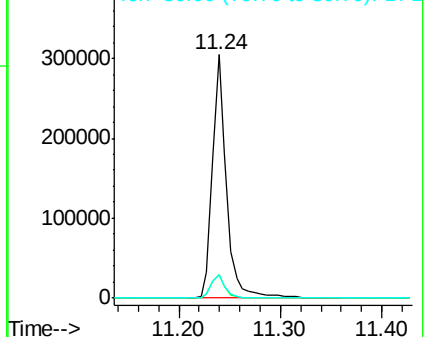
80 9.5 9.2 13.8

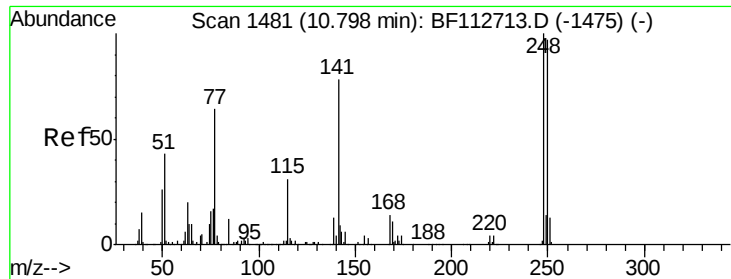


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

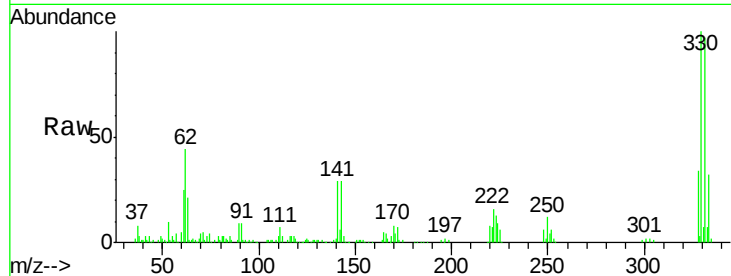




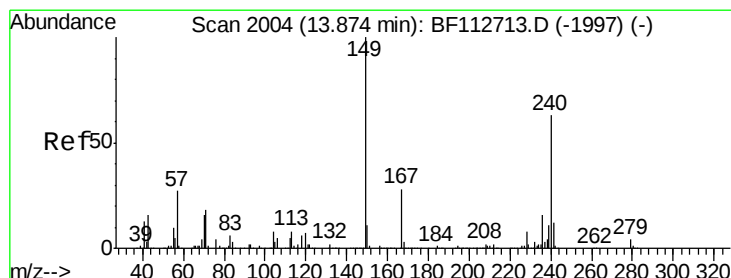
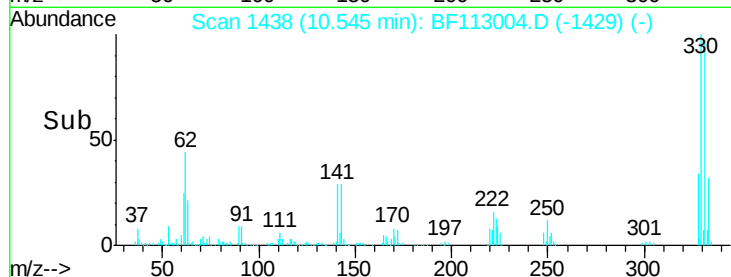
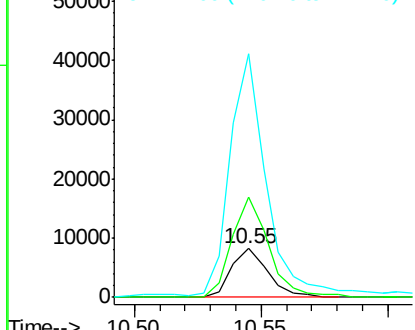
#67
4-Bromophenyl-phenylether
Concen: 2.666 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113004.D
Acq: 12 Mar 2019 15:50

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-A

Tgt Ion:248 Resp: 8277
Ion Ratio Lower Upper
248 100
250 203.4 77.5 116.3#
141 496.8 62.4 93.6#

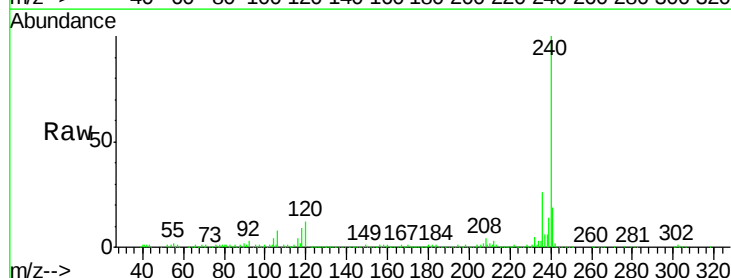


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

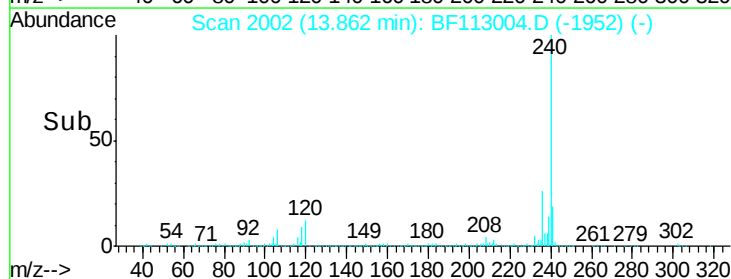
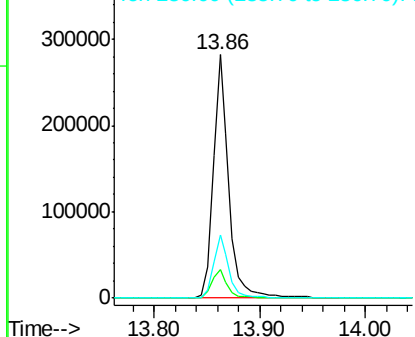


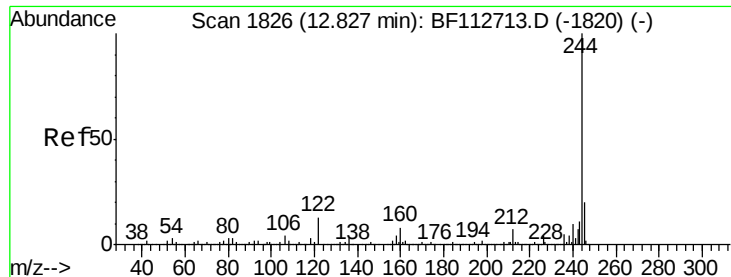
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113004.D
Acq: 12 Mar 2019 15:50

Tgt Ion:240 Resp: 290808
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.9 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: 33.383 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113004.D

Acq: 12 Mar 2019 15:50

Instrument :

BNA_F

ClientSampleId :

HR-06-031119-A

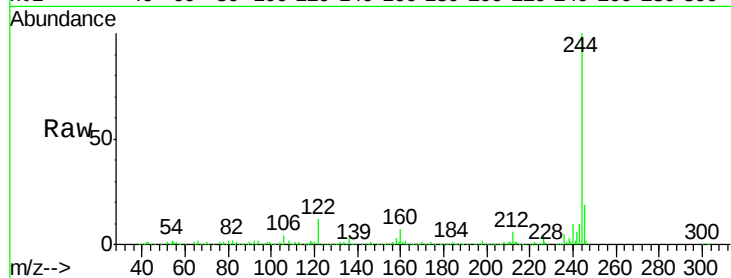
Tgt Ion:244 Resp: 500807

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

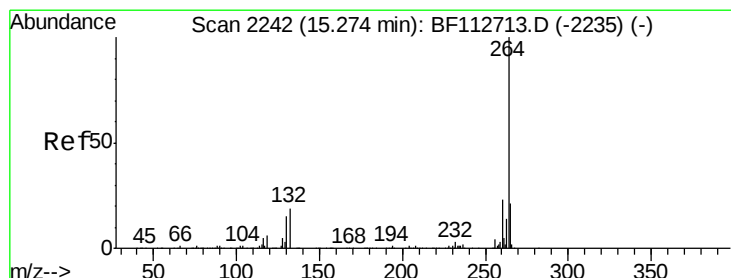
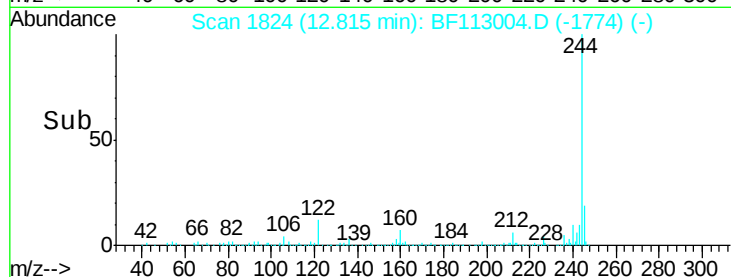
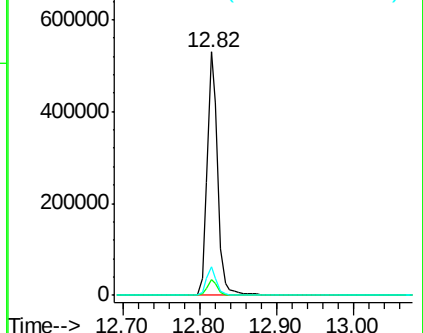
122 11.9 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113004.D

Acq: 12 Mar 2019 15:50

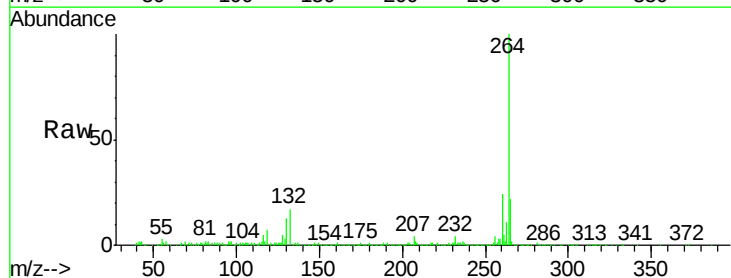
Tgt Ion:264 Resp: 308945

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.3 17.2 25.8



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

