

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112462.D
 Acq On : 8 Feb 2019 16:26
 Operator : JU/SJ
 Sample : K1409-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(0-2)

Quant Time: Feb 09 04:57:04 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

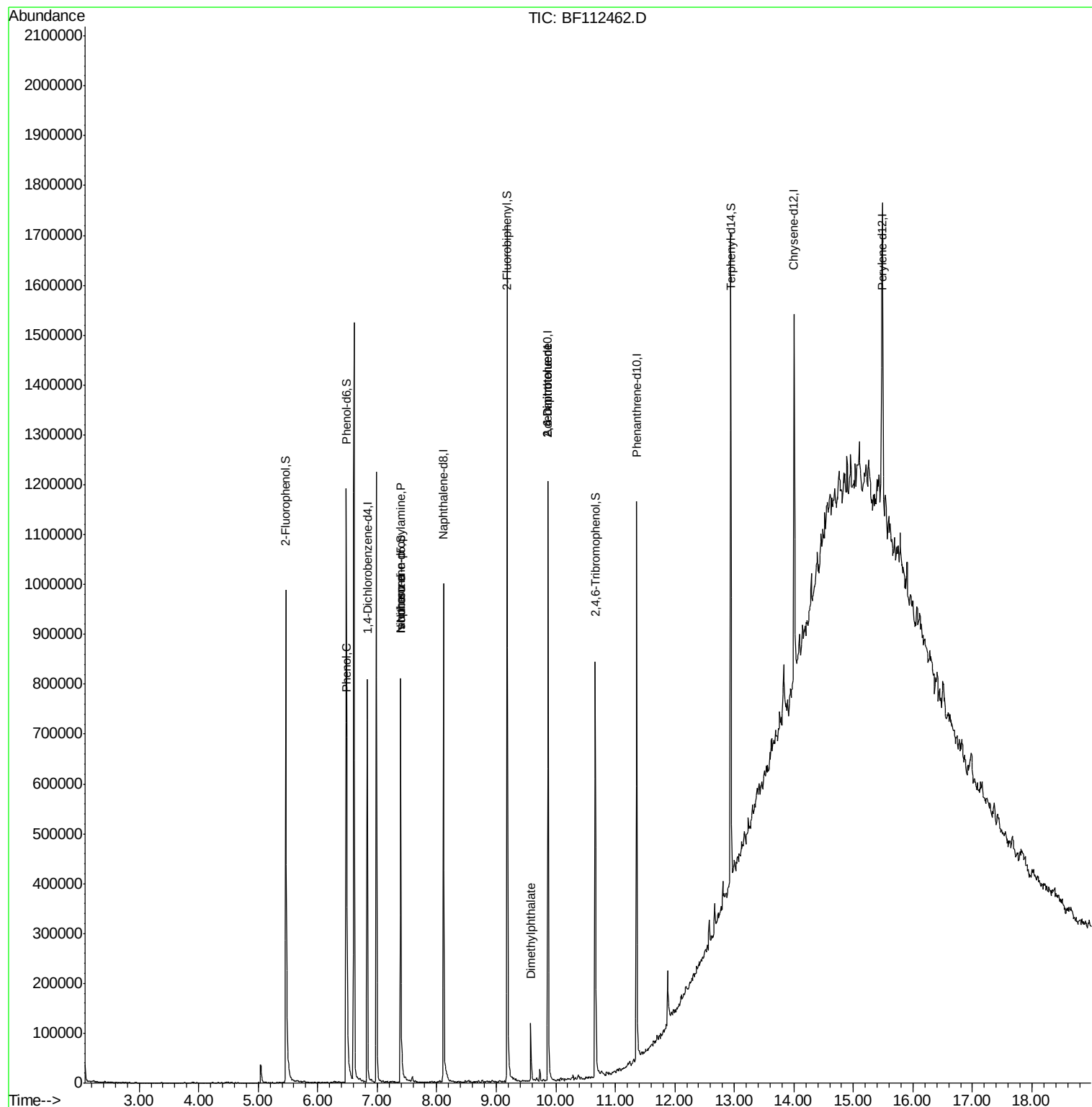
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	132648	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	515683	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	239565	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	422341	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	282856	20.00	ng	0.00
87) Perylene-d12	15.49	264	299679	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	359553	57.57	ng	-0.02
7) Phenol-d6	6.48	99	452319	52.12	ng	-0.01
23) Nitrobenzene-d5	7.39	82	277082	30.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	115913	41.57	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	538369	31.78	ng	-0.02
79) Terphenyl-d14	12.94	244	422297	28.12	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	24836	2.609	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	37128	6.205	ng	# 77
25) Isophorone	7.39	82	277080	19.735	ng	# 63
50) Dimethylphthalate	9.58	163	57235	3.075	ng	97
51) 2,6-Dinitrotoluene	9.87	165	29630	7.108	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	29630	5.583	ng	# 32

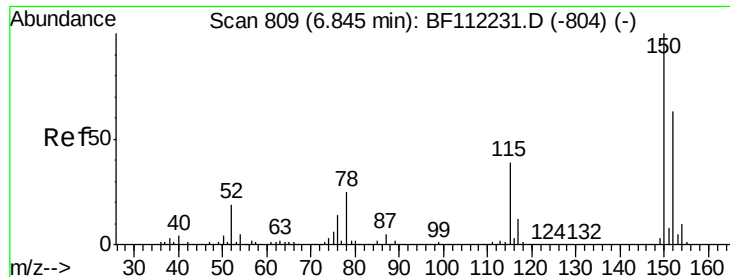
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF112462.D

Acq: 8 Feb 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SB-09(0-2)

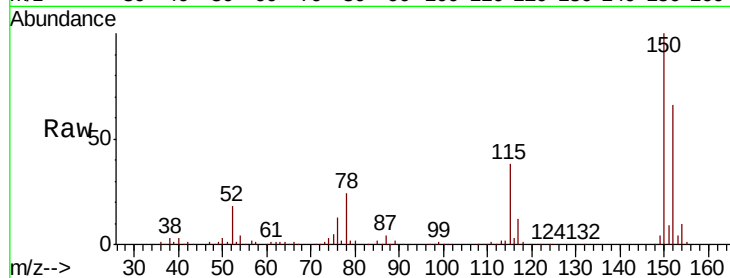
Tot Ion:152 Resp: 132648

Ion Ratio Lower Upper

152 100

150 151.0 127.4 191.0

115 56.8 45.5 68.3

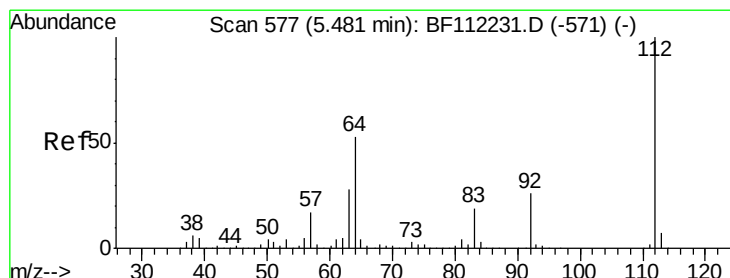
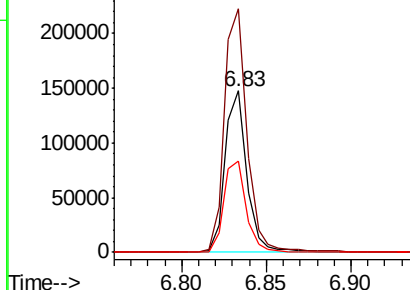
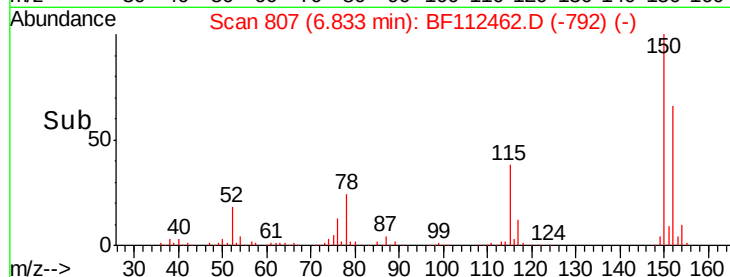


Abundance

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: 57.574 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

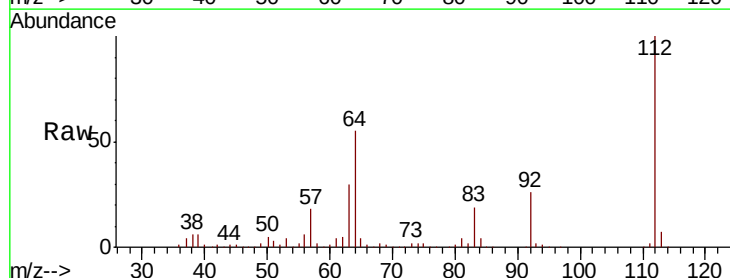
Tgt Ion:112 Resp: 359553

Ion Ratio Lower Upper

112 100

64 54.6 45.7 68.5

63 30.3 23.6 35.4

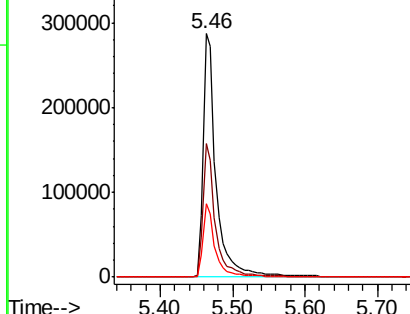
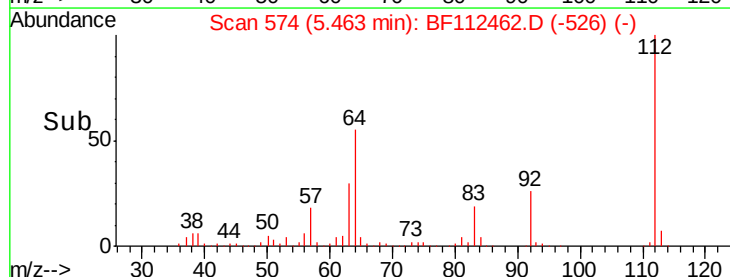


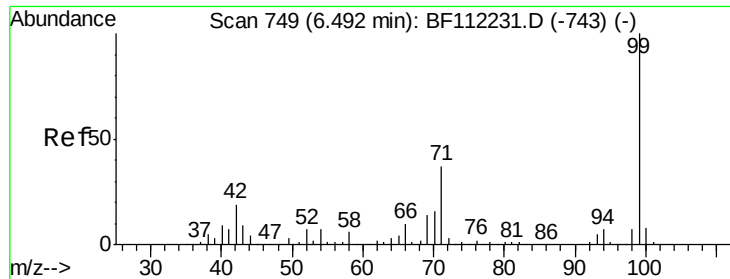
Abundance

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: 52.124 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SB-09(0-2)

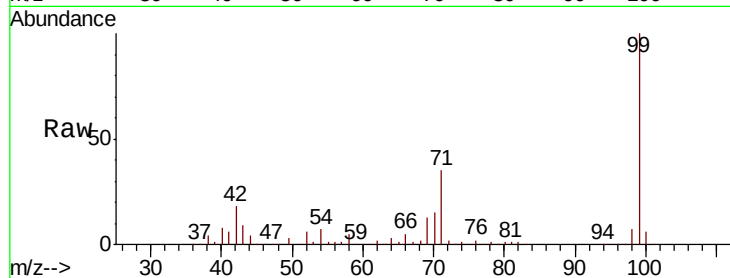
Tot Ion: 99 Resp: 452319

Ion Ratio Lower Upper

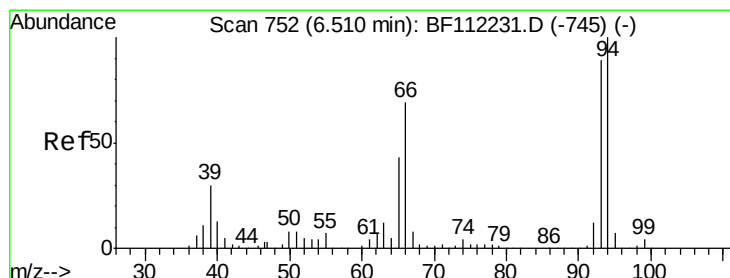
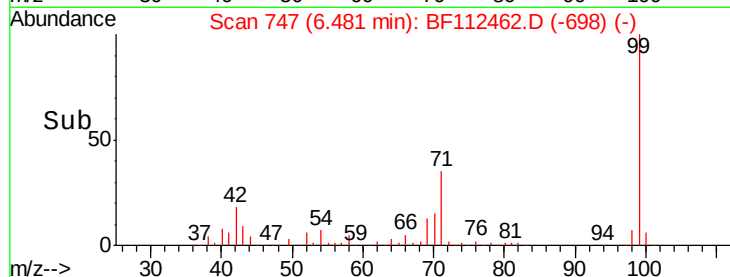
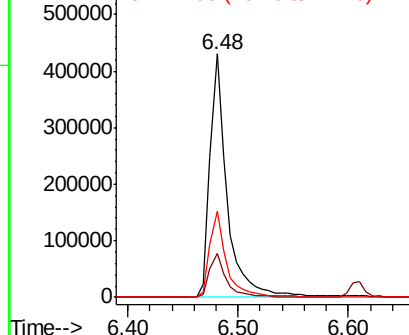
99 100

42 17.8 15.1 22.7

71 35.3 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: 2.609 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

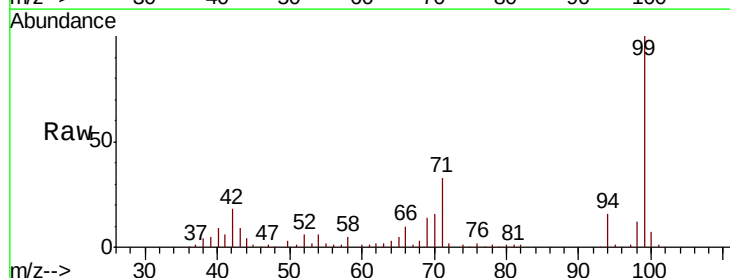
Tgt Ion: 94 Resp: 24836

Ion Ratio Lower Upper

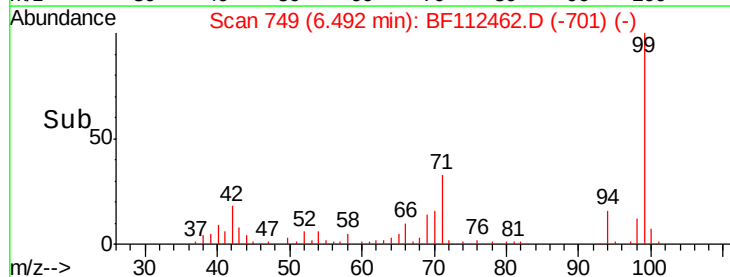
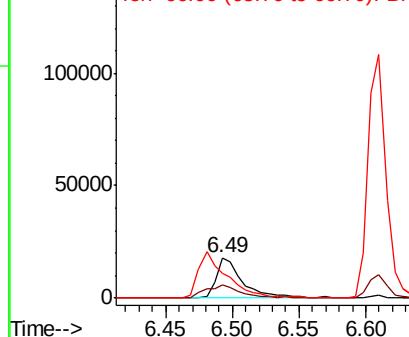
94 100

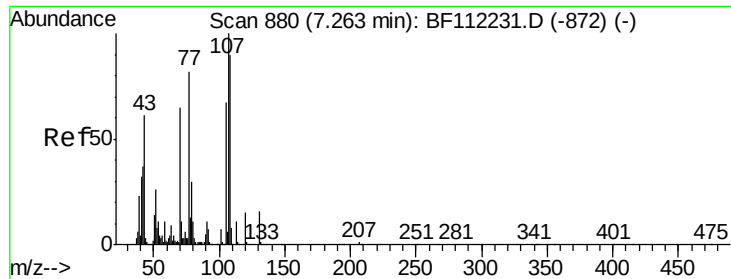
65 31.5 20.3 60.3

66 62.9 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

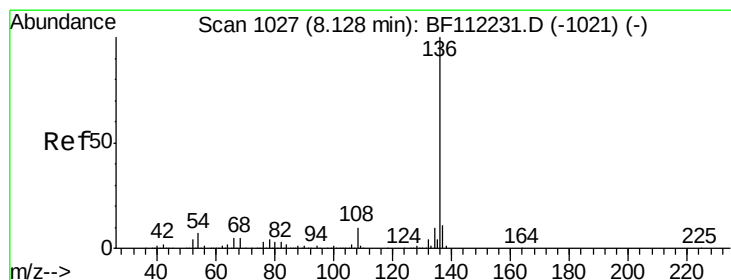
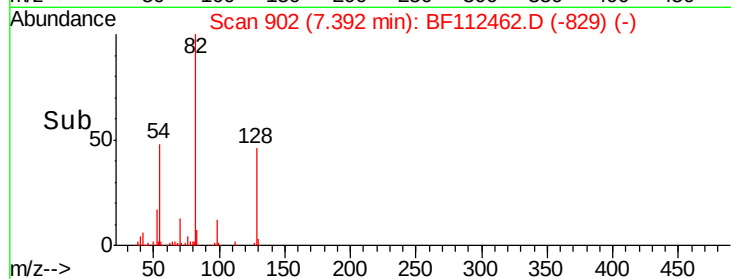
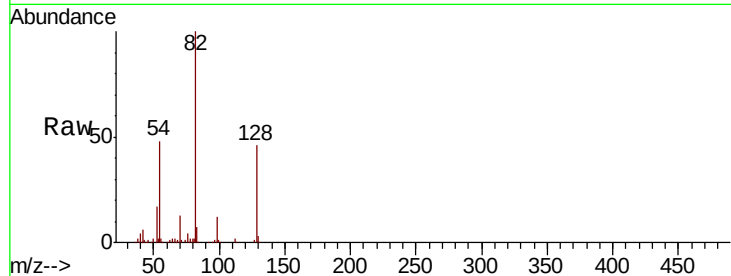
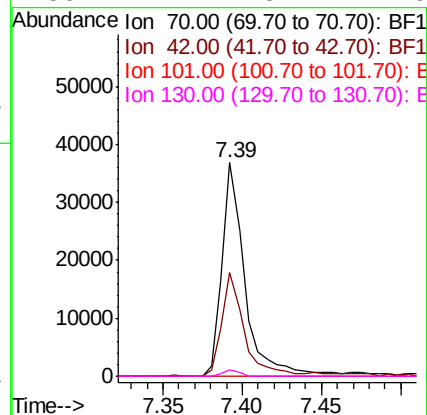




#19
n-Nitroso-di-n-propylamine
Concen: 6.205 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

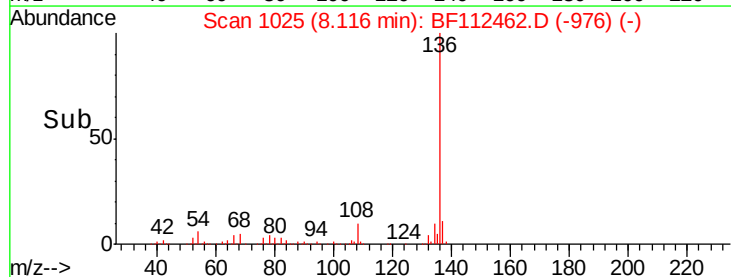
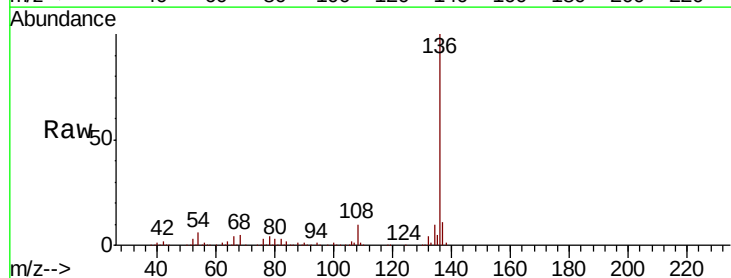
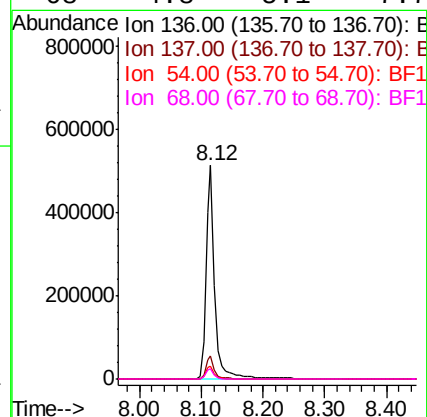
Instrument :
BNA_F
ClientSampled :
SB-09(0-2)

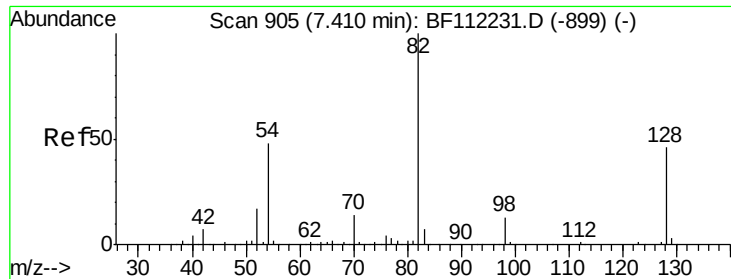
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.6	71.4
101	0.0	7.9	11.9#
130	2.7	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.9	5.9	8.9
68	4.8	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 30.960 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SB-09(0-2)

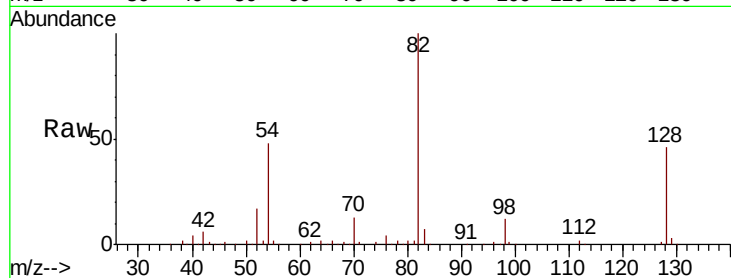
Tot Ion: 82 Resp: 277082

Ion Ratio Lower Upper

82 100

128 45.6 37.8 56.8

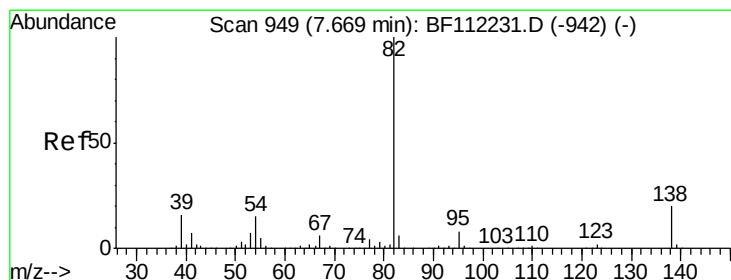
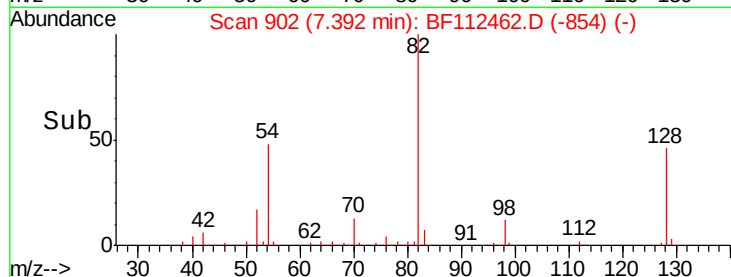
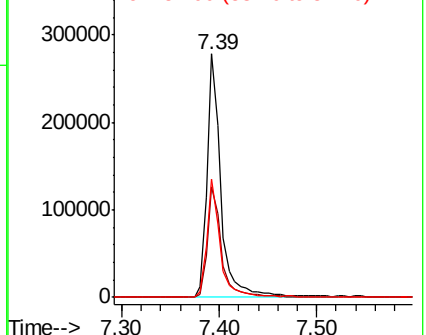
54 48.3 39.7 59.5



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: 19.735 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

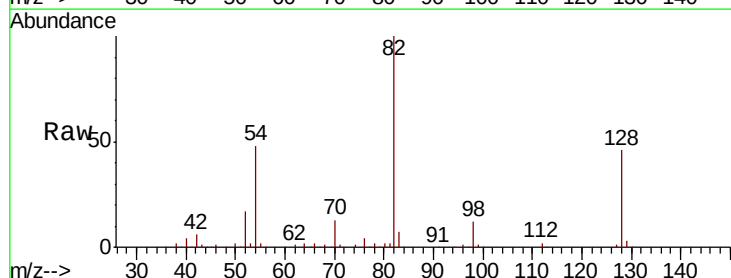
Tgt Ion: 82 Resp: 277080

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

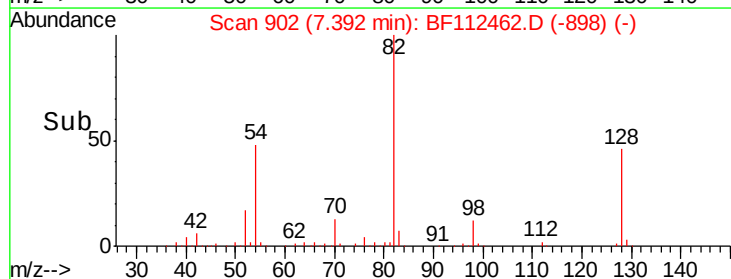
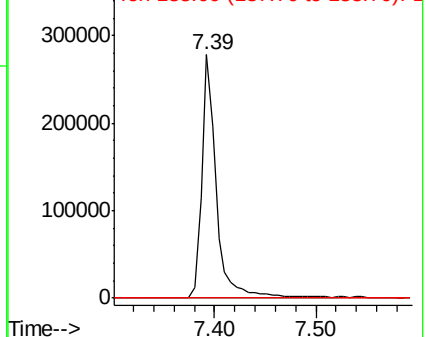
138 0.0 15.4 23.0#

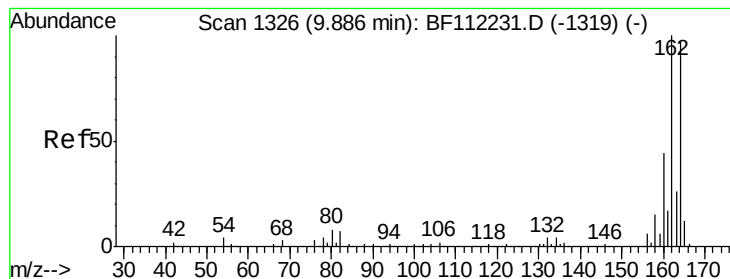


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF112462.D

Acq: 8 Feb 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SB-09(0-2)

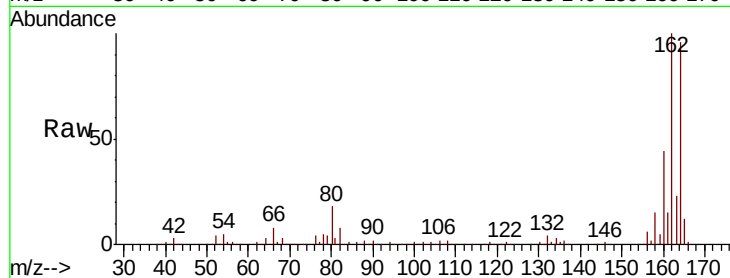
Tot Ion:164 Resp: 239565

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.4

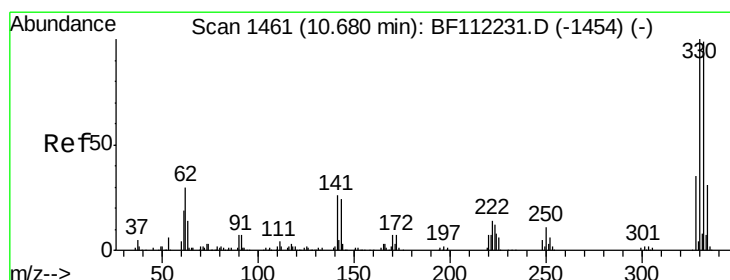
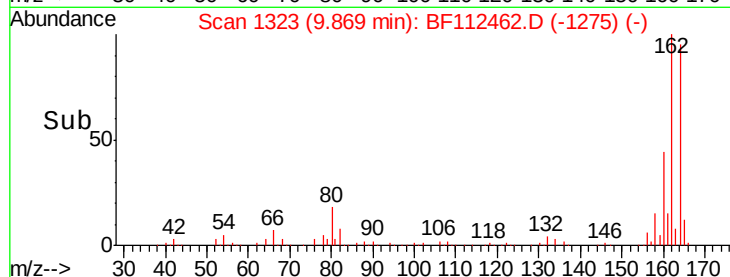
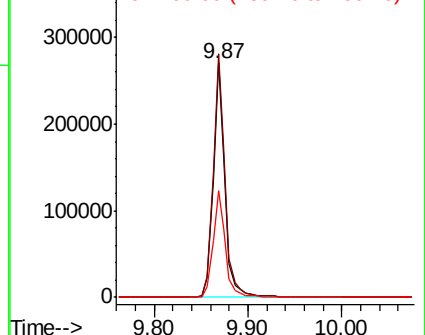
160 45.6 36.2 54.4



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: 41.569 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

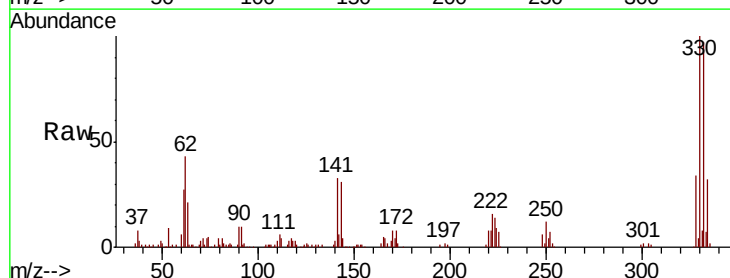
Tgt Ion:330 Resp: 115913

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

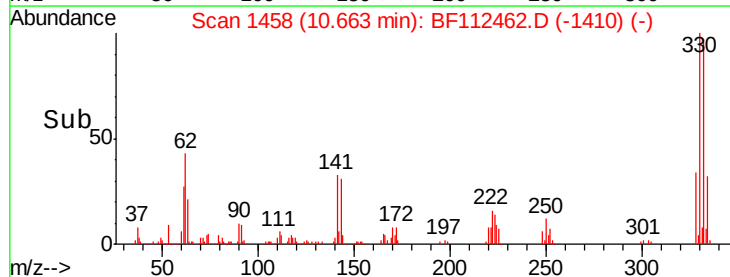
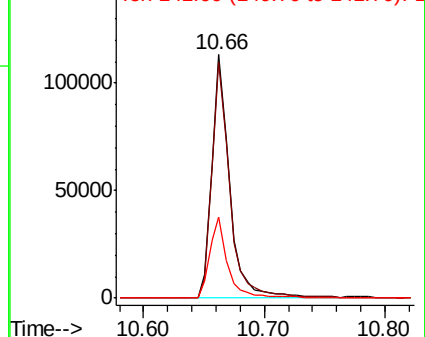
141 34.2 24.3 36.5

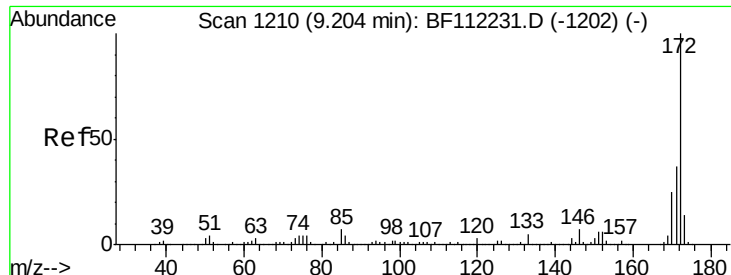


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

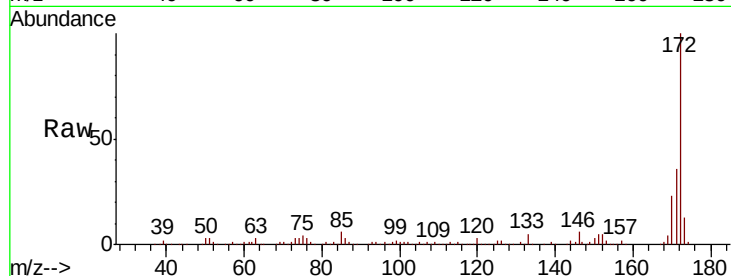




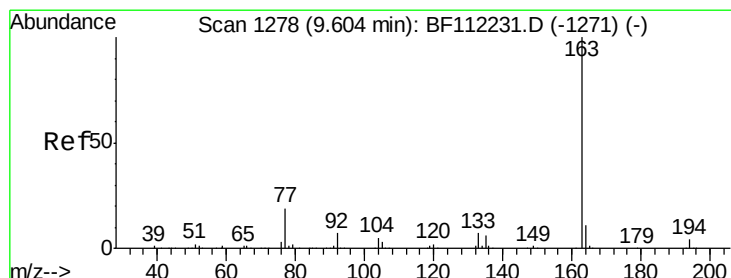
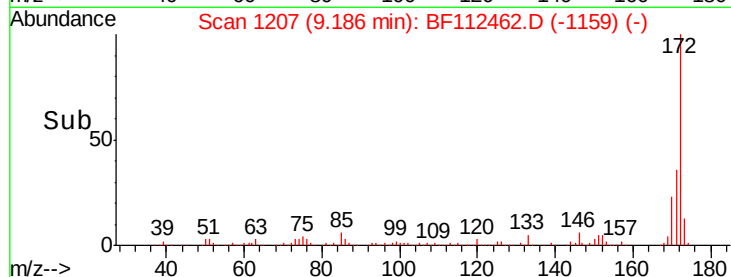
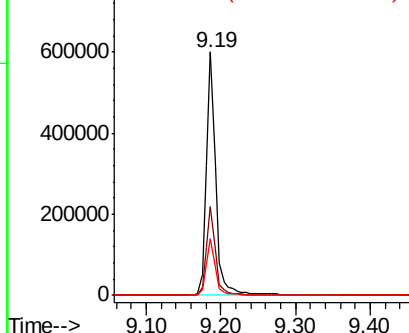
#45
 2-Fluorobiphenyl
 Concen: 31.784 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112462.D
 Acq: 8 Feb 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(0-2)

Tot Ion:172 Resp: 538369
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.5 45.7
 170 23.5 20.2 30.4

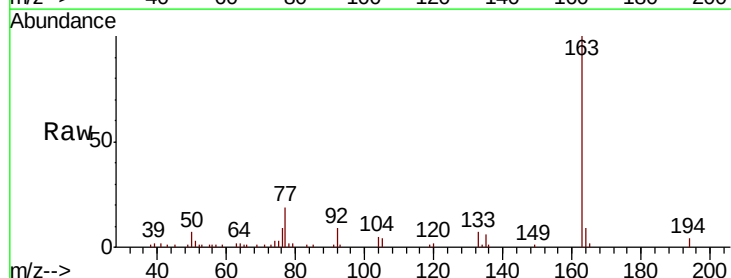


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

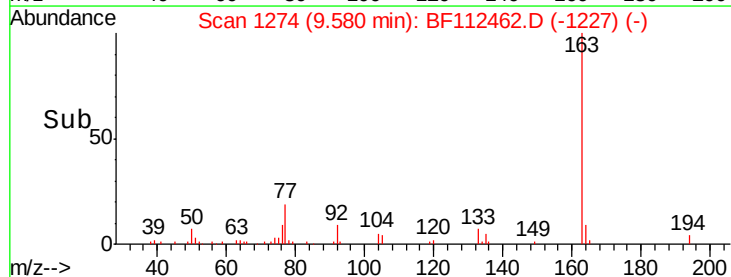
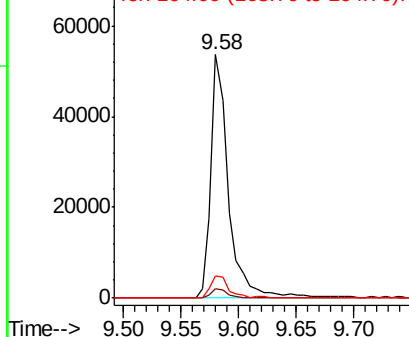


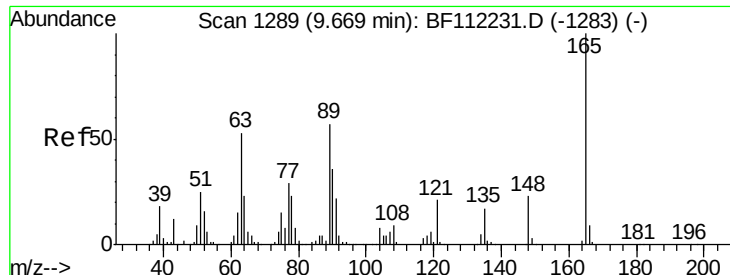
#50
 Dimethylphthalate
 Concen: 3.075 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF112462.D
 Acq: 8 Feb 2019 16:26

Tgt Ion:163 Resp: 57235
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.3 4.9
 164 9.3 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: 7.108 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SB-09(0-2)

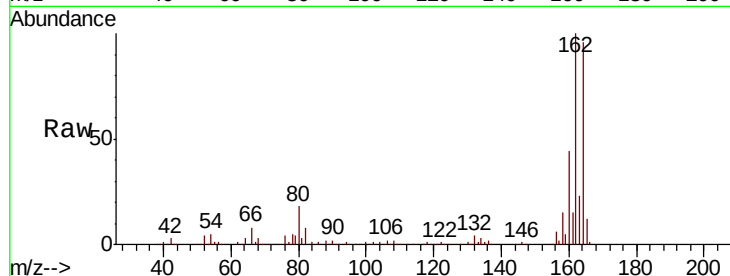
Tot Ion:165 Resp: 29630

Ion Ratio Lower Upper

165 100

63 1.7 33.8 50.8#

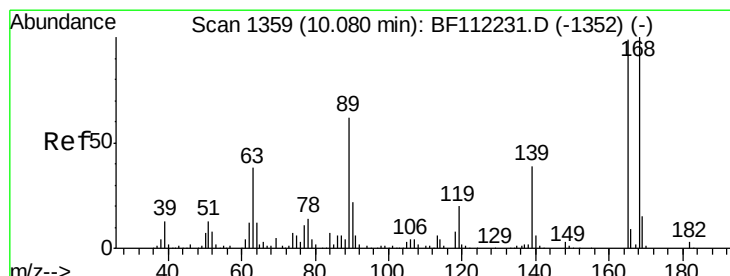
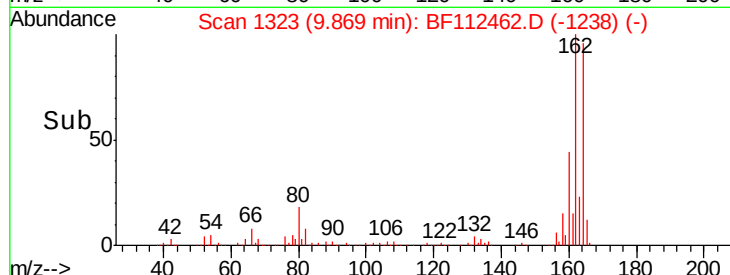
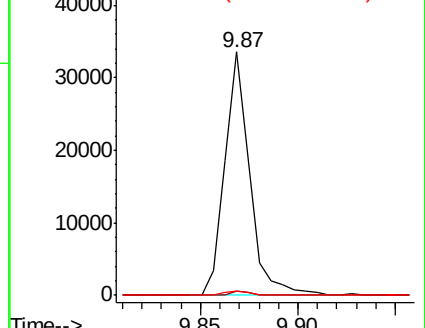
89 1.8 36.9 55.3#



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: 5.583 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

Tgt Ion:165 Resp: 29630

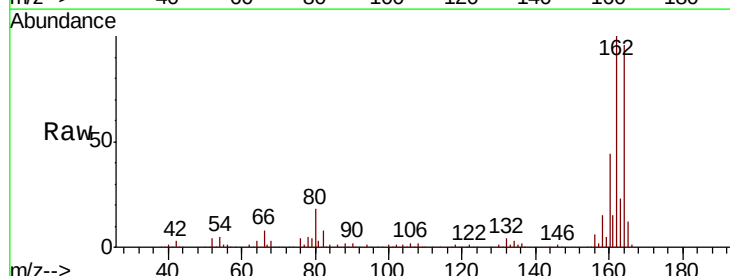
Ion Ratio Lower Upper

165 100

63 1.7 27.9 41.9#

89 1.8 47.9 71.9#

182 0.0 2.2 3.4#

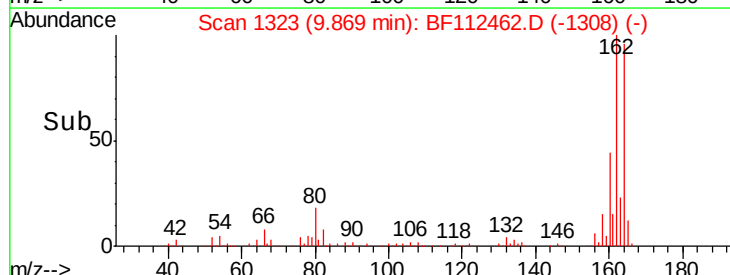
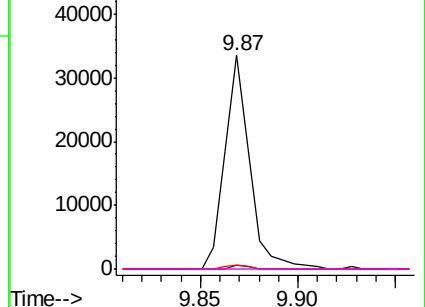


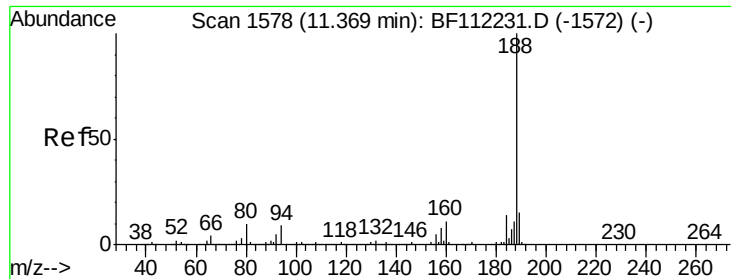
Abundance Ion 165.00 (164.70 to 165.70): E

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

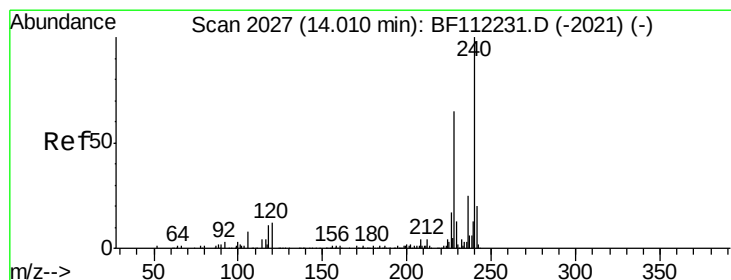
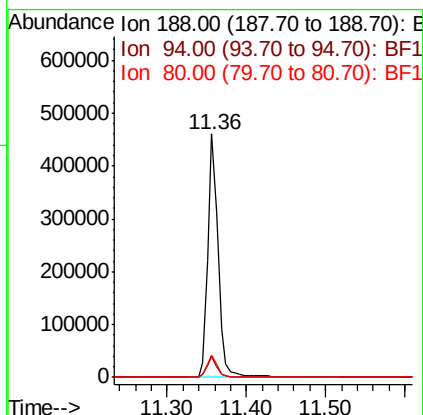
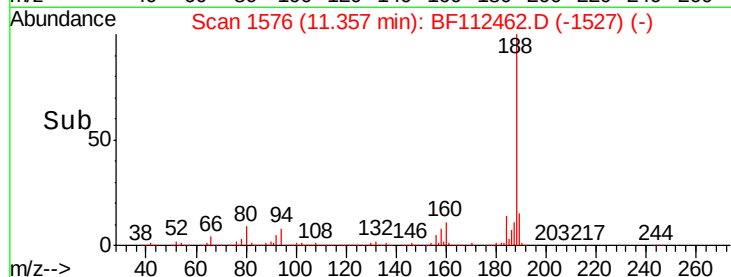
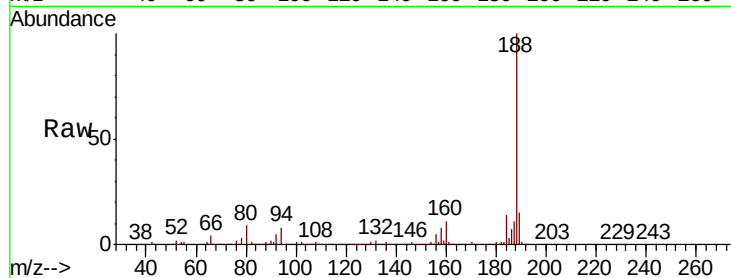




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

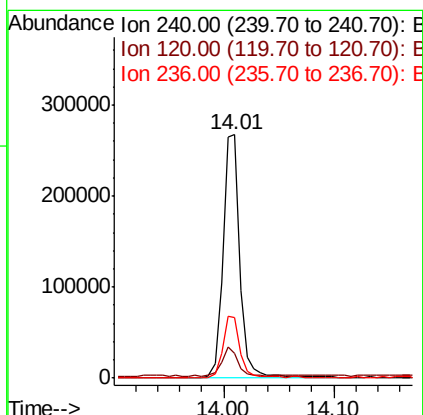
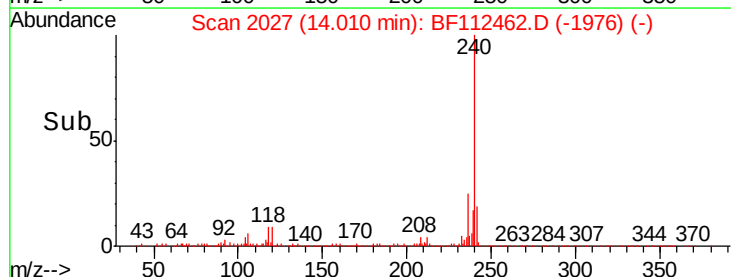
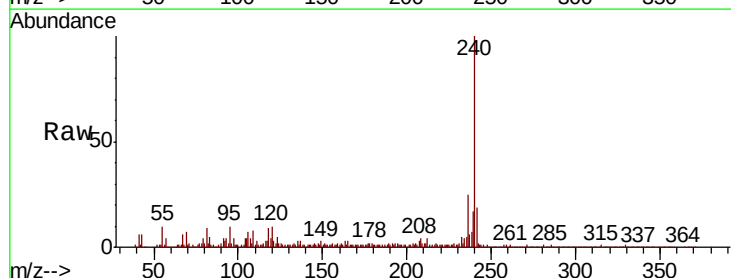
Instrument :
BNA_F
ClientSampleId :
SB-09(0-2)

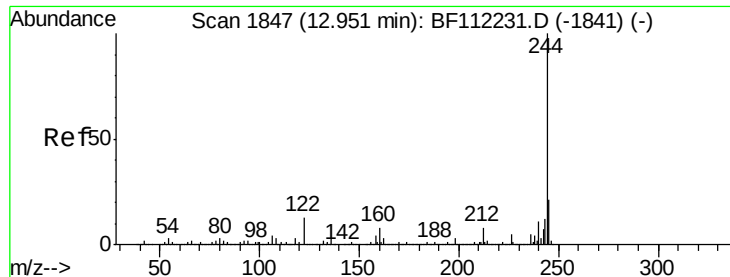
Tot Ion:188 Resp: 422341
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

Tgt Ion:240 Resp: 282856
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 28.119 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SB-09(0-2)

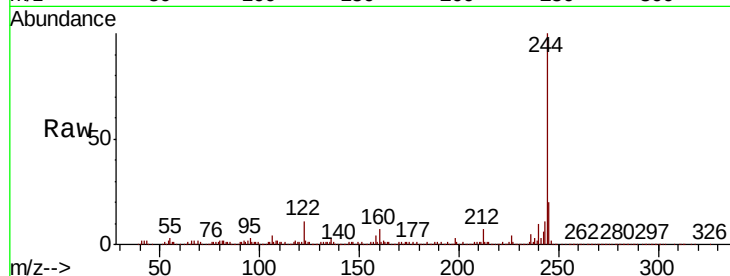
Tot Ion:244 Resp: 422297

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

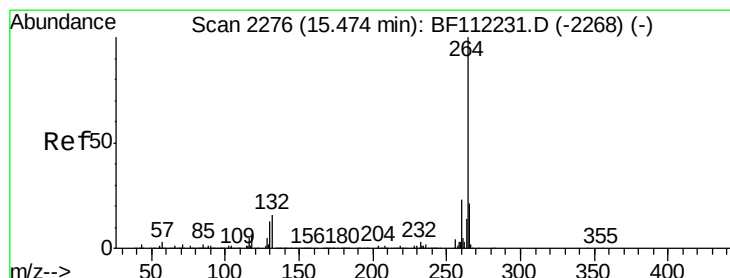
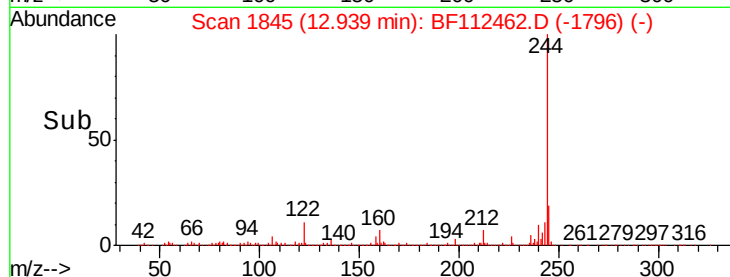
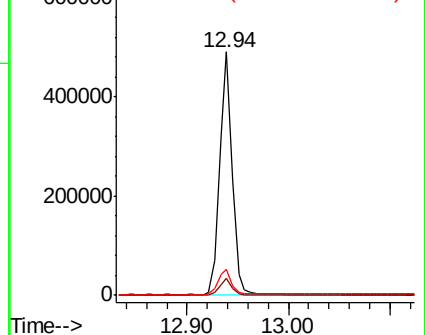
122 10.9 9.8 14.6



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

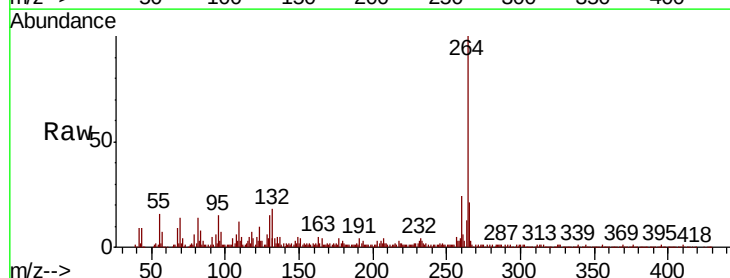
Tgt Ion:264 Resp: 299679

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 21.4 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

