

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090864.D
 Acq On : 27 Oct 2016 2:14
 Operator : UM/SJ
 Sample : H5396-08 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-S1

Quant Time: Oct 27 03:11:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

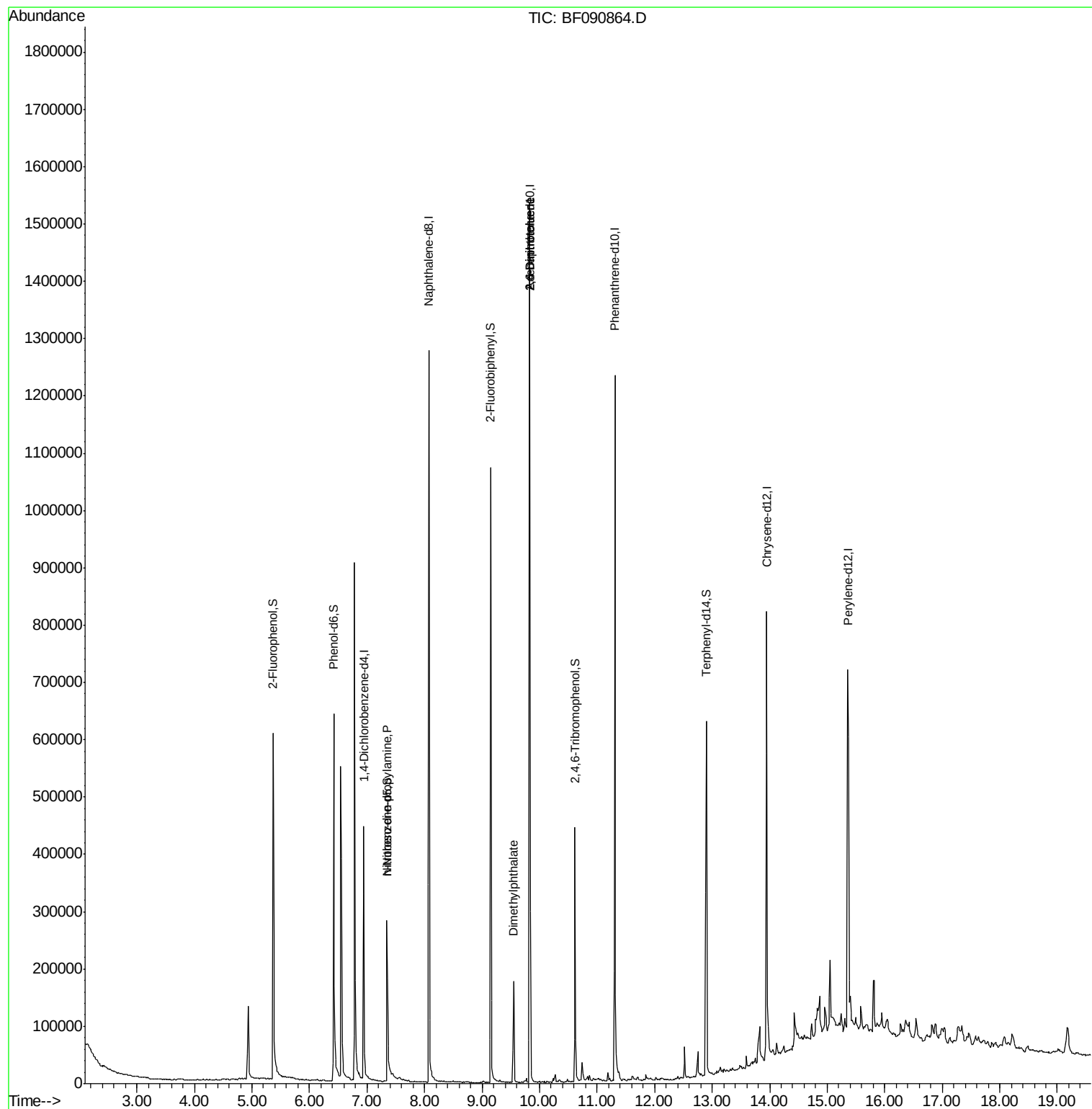
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	105559	20.00	ng	0.15
21) Naphthalene-d8	8.08	136	671935	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	321012	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	473446	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	367179	20.00	ng	-0.01
86) Perylene-d12	15.36	264	318545	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	228204	37.80	ng	-0.02
7) Phenol-d6	6.42	99	303361	37.24	ng	-0.02
23) Nitrobenzene-d5	7.34	82	177138	17.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	58222	17.65	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	345359	18.89	ng	-0.02
78) Terphenyl-d14	12.90	244	250486	17.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	24698	5.24	ng	# 57
49) Dimethylphthalate	9.55	163	85365	3.98	ng	# 97
50) 2,6-Dinitrotoluene	9.82	165	40602	8.57	ng	# 38
56) 2,4-Dinitrotoluene	9.82	165	40604	6.90	ng	# 33

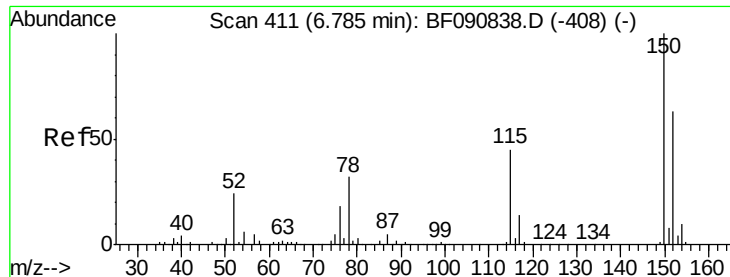
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 26 16:35:31 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.15 min

Lab File: BF090864.D

Acq: 27 Oct 2016 2:14

Instrument :

BNA_F

ClientSampleId :

P5-S1

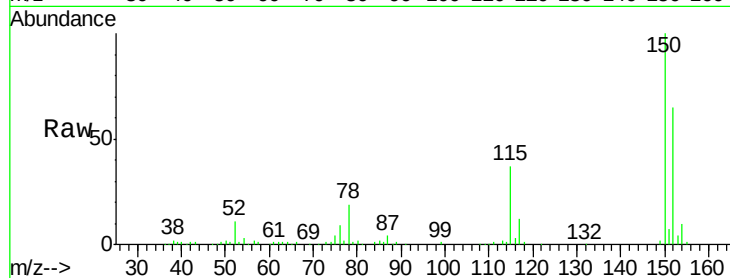
Tgt Ion:152 Resp: 105559

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

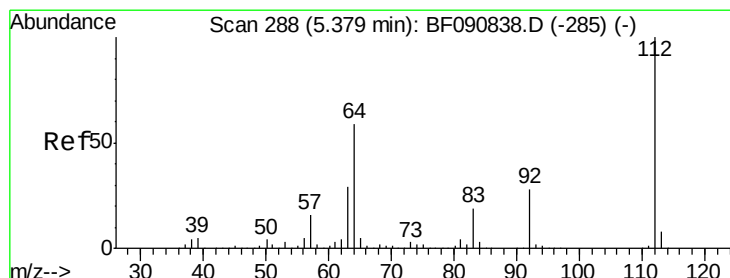
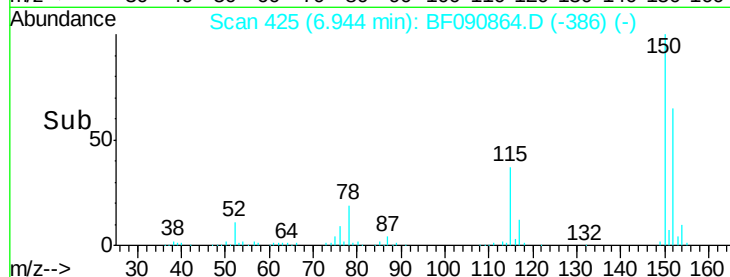
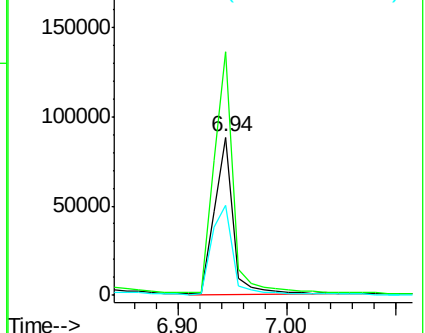
115 56.7 39.0 58.4



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: 37.80 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF090864.D

Acq: 27 Oct 2016 2:14

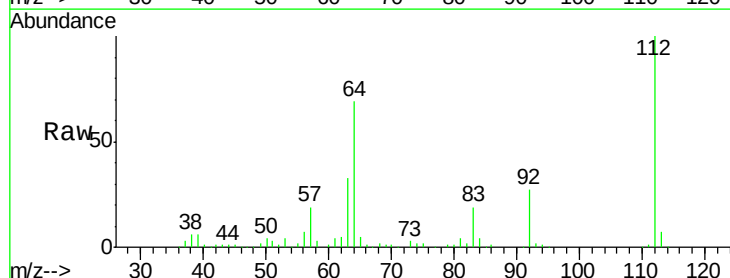
Tgt Ion:112 Resp: 228204

Ion Ratio Lower Upper

112 100

64 69.2 39.7 59.5#

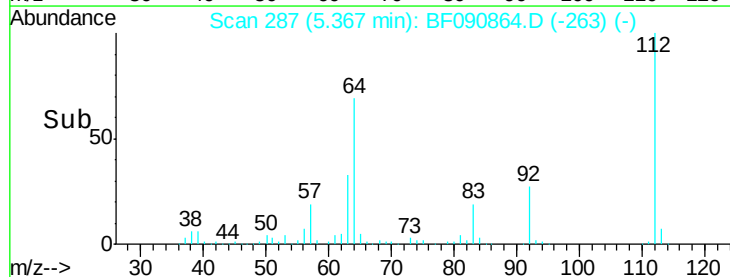
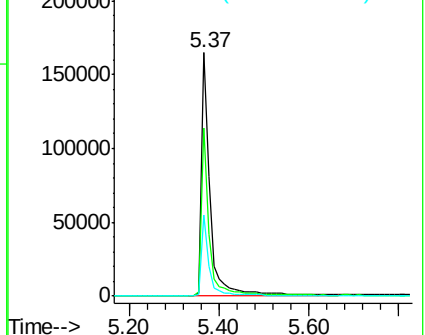
63 33.3 17.4 26.0#

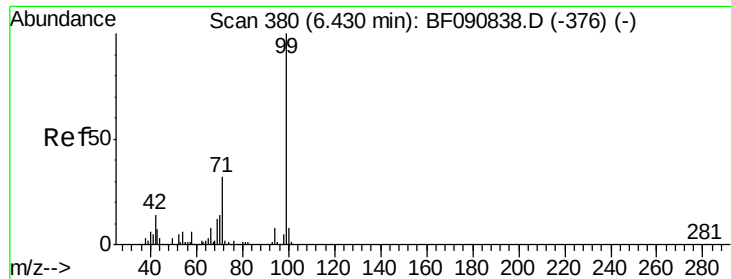


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.24 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090864.D

Acq: 27 Oct 2016 2:14

Instrument :

BNA_F

ClientSampleId :

P5-S1

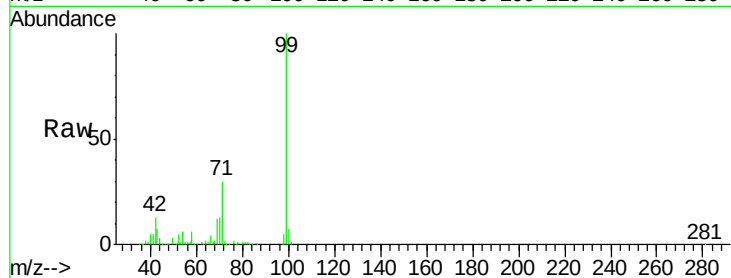
Tgt Ion: 99 Resp: 303361

Ion Ratio Lower Upper

99 100

42 13.4 13.7 20.5#

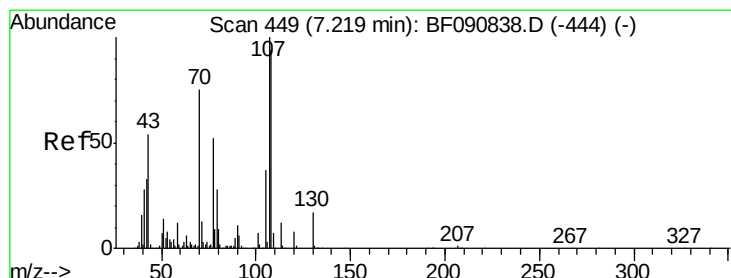
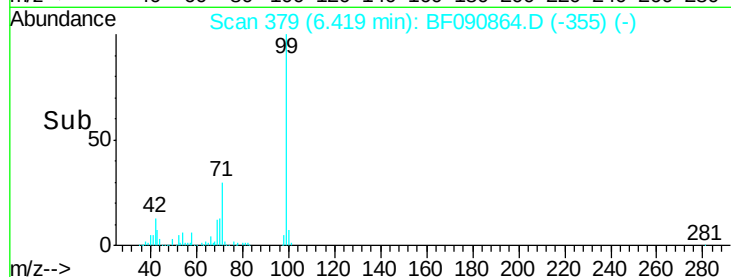
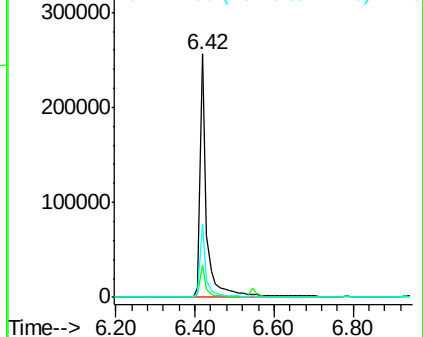
71 30.2 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 5.24 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.11 min

Lab File: BF090864.D

Acq: 27 Oct 2016 2:14

Tgt Ion: 70 Resp: 24698

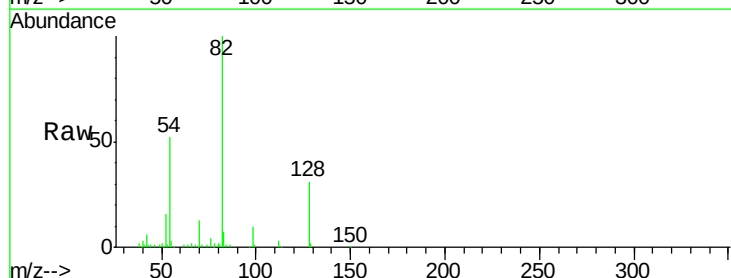
Ion Ratio Lower Upper

70 100

42 46.3 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

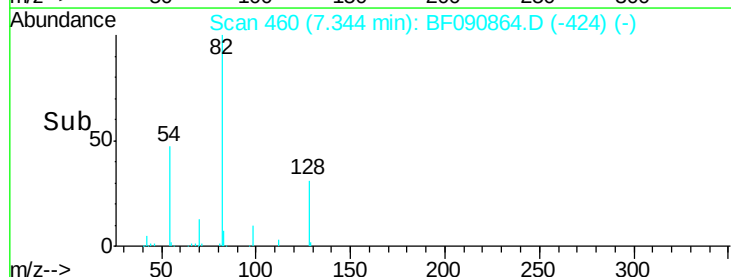
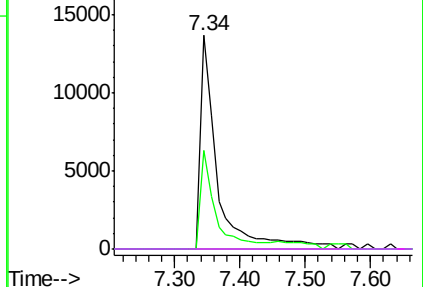


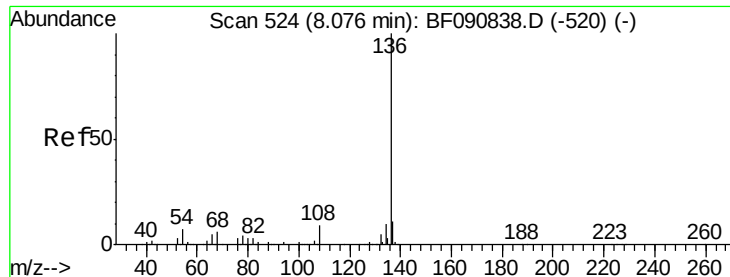
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

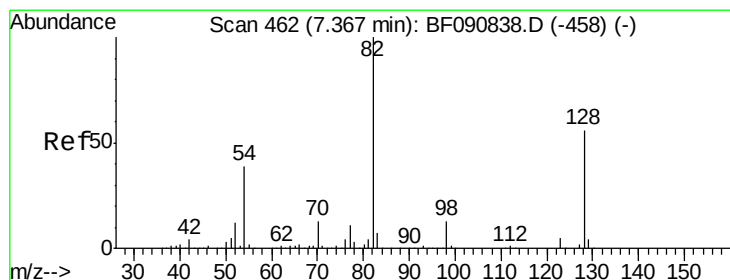
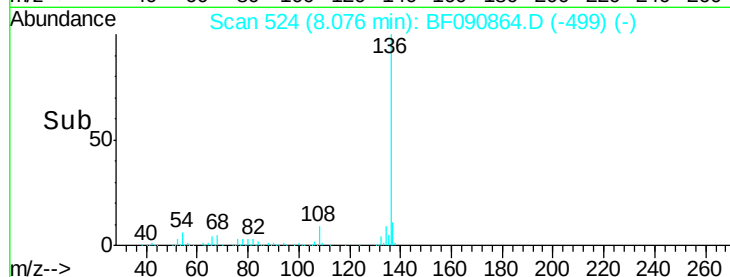
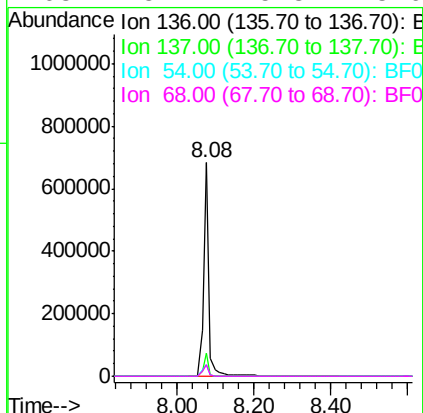
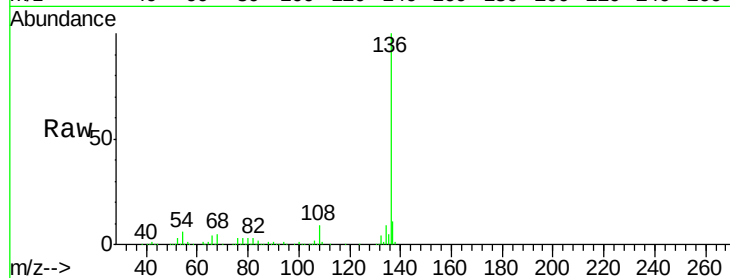




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF090864.D
Acq: 27 Oct 2016 2:14

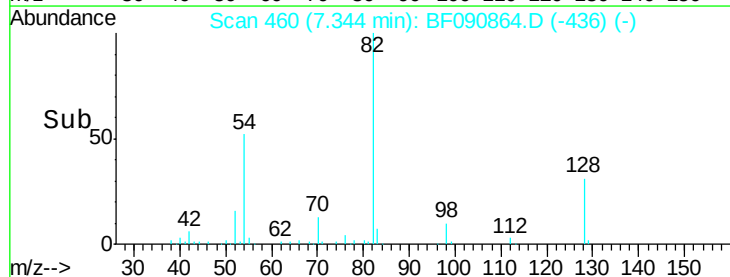
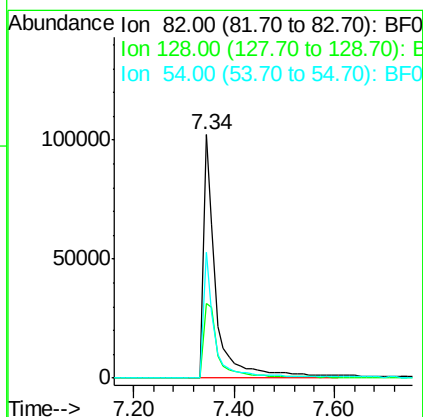
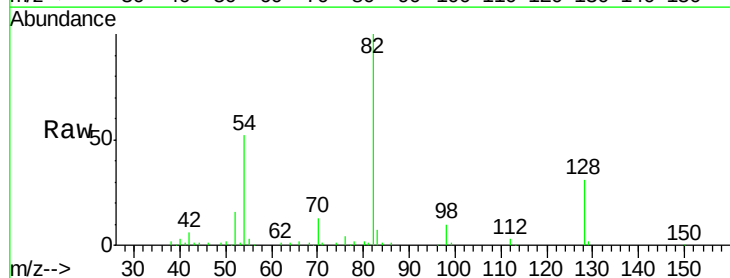
Instrument :
BNA_F
ClientSampleId :
P5-S1

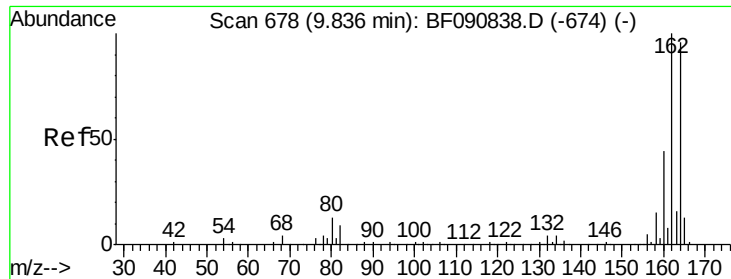
Tgt Ion:	136	Resp:	671935
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	5.7	8.2	12.2#
68	5.4	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 17.26 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF090864.D
Acq: 27 Oct 2016 2:14

Tgt Ion:	82	Resp:	177138
Ion Ratio	Lower	Upper	
82	100		
128	30.6	51.0	76.6#
54	51.9	47.5	71.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090864.D

Acq: 27 Oct 2016 2:14

Instrument :

BNA_F

ClientSampleId :

P5-S1

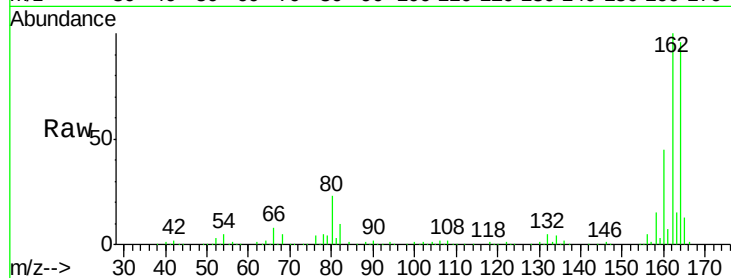
Tgt Ion:164 Resp: 321012

Ion Ratio Lower Upper

164 100

162 104.2 75.2 112.8

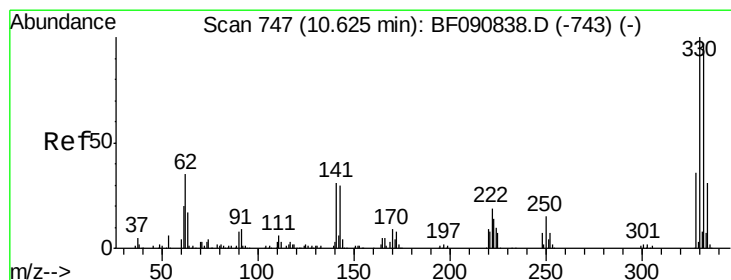
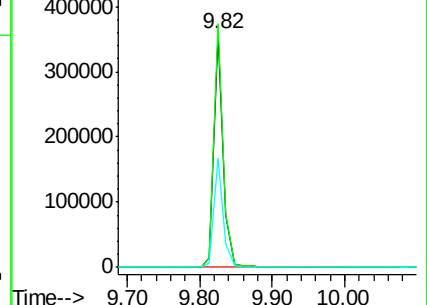
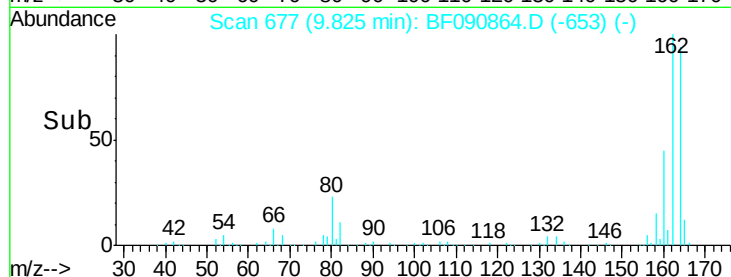
160 46.5 31.5 47.3



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



#41

2,4,6-Tribromophenol

Concen: 17.65 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF090864.D

Acq: 27 Oct 2016 2:14

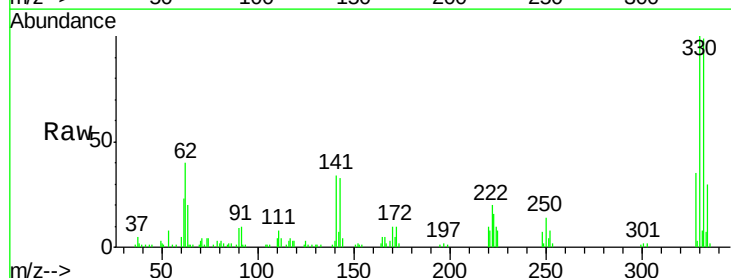
Tgt Ion:330 Resp: 58222

Ion Ratio Lower Upper

330 100

332 97.6 76.6 114.8

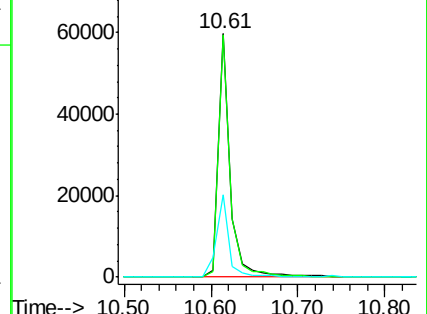
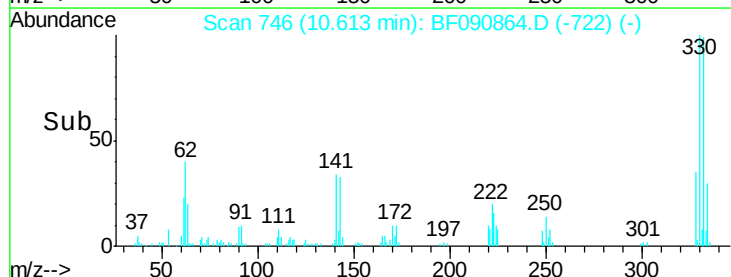
141 35.4 29.7 44.5

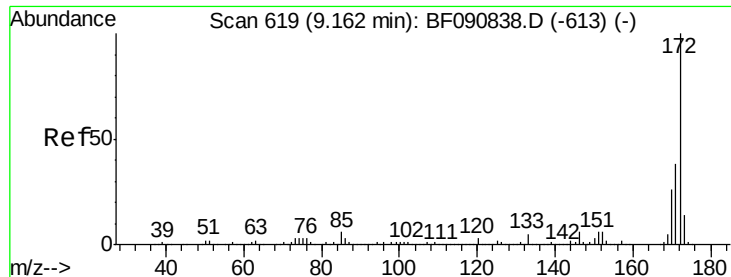


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

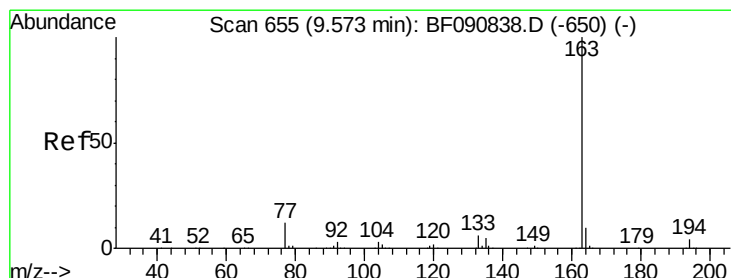
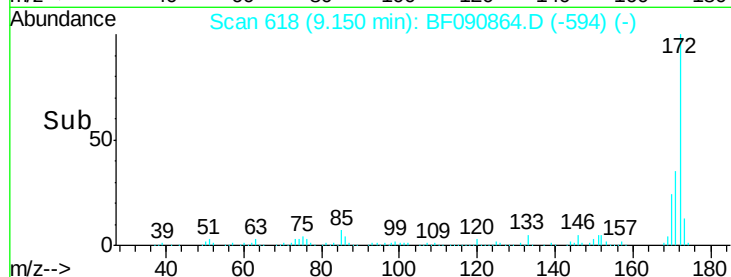
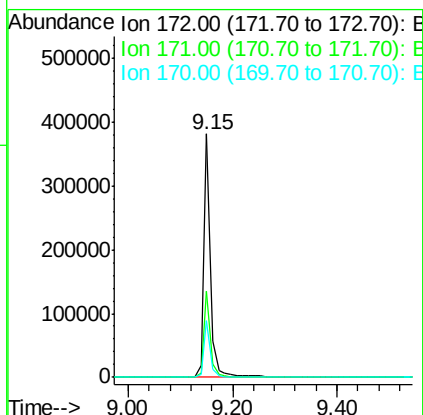
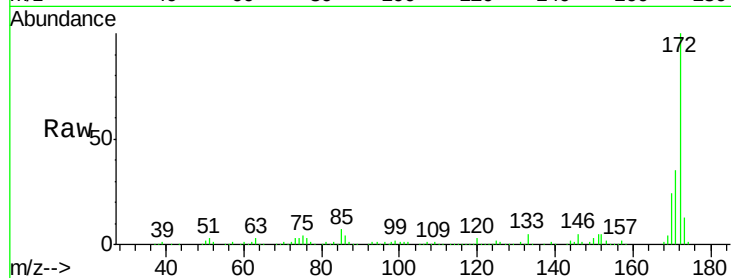




#44
 2-Fluorobiphenyl
 Concen: 18.89 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090864.D
 Acq: 27 Oct 2016 2:14

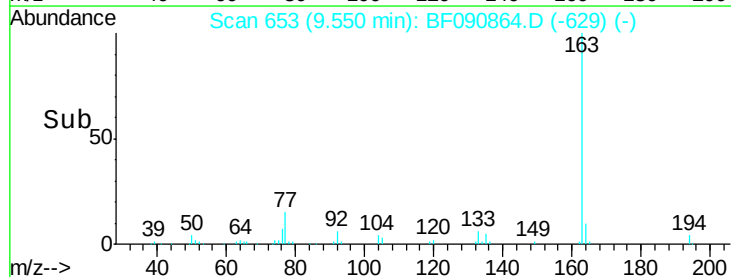
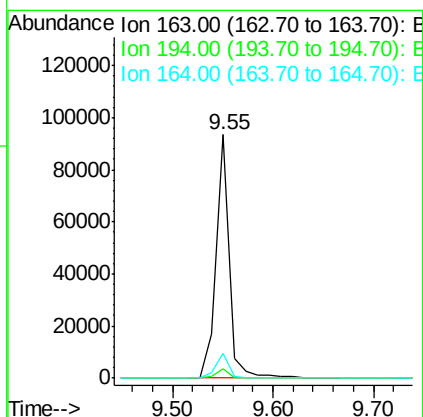
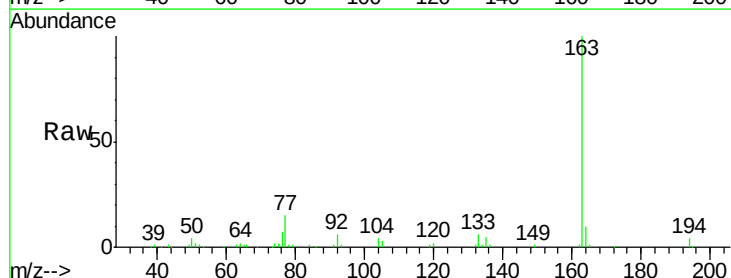
Instrument :
 BNA_F
 ClientSampleId :
 P5-S1

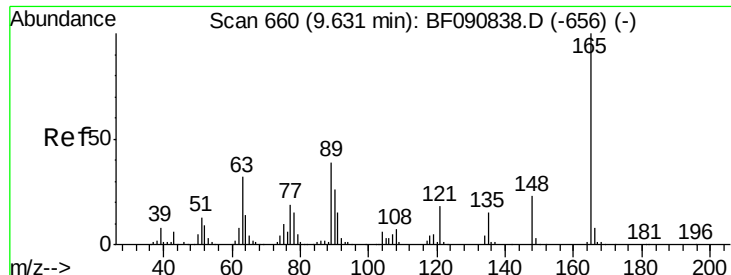
Tgt Ion:172 Resp: 345359
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 3.98 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF090864.D
 Acq: 27 Oct 2016 2:14

Tgt Ion:163 Resp: 85365
 Ion Ratio Lower Upper
 163 100
 194 3.6 4.4 6.6#
 164 10.1 8.3 12.5

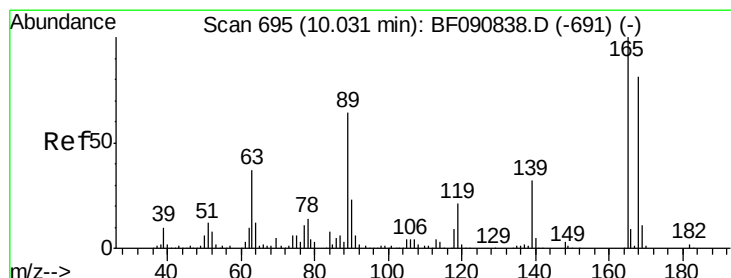
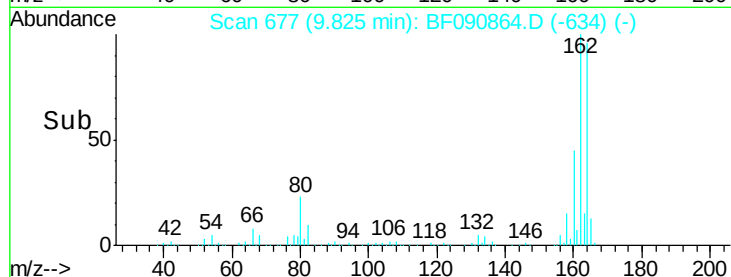
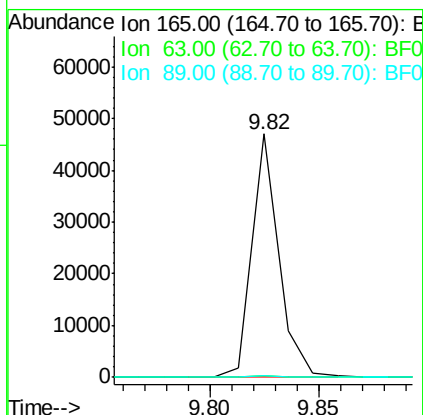
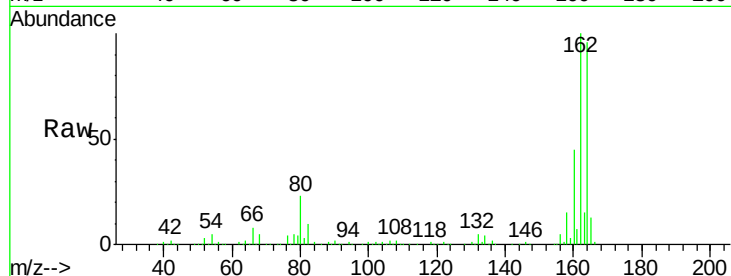




#50
 2,6-Dinitrotoluene
 Concen: 8.57 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF090864.D
 Acq: 27 Oct 2016 2:14

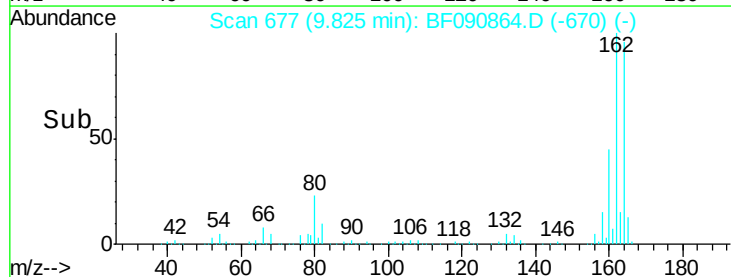
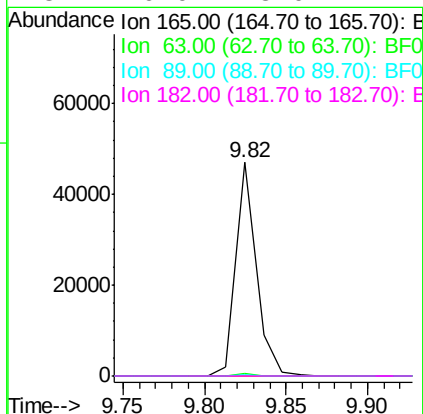
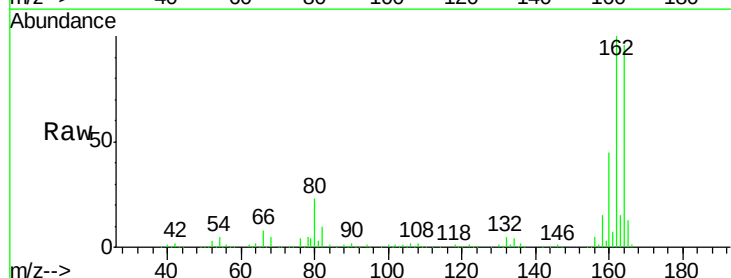
Instrument :
 BNA_F
 ClientSampleId :
 P5-S1

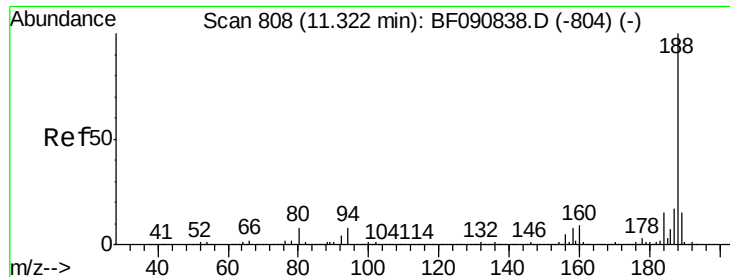
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	0.9	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.90 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090864.D
 Acq: 27 Oct 2016 2:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

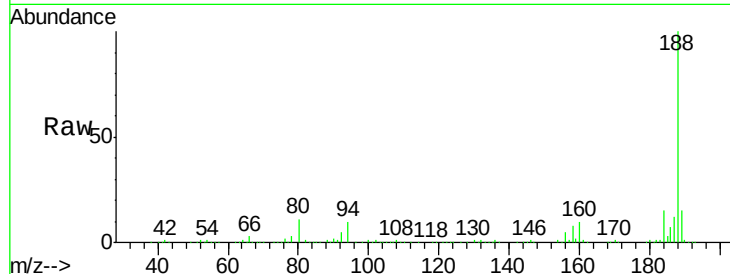




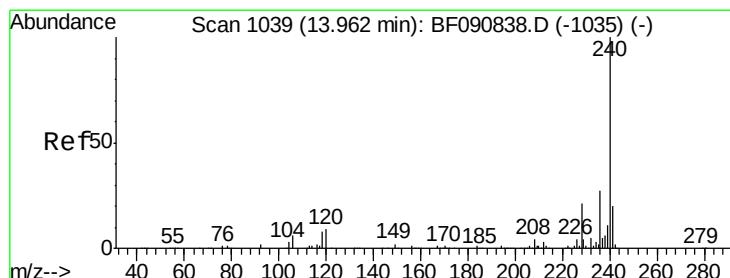
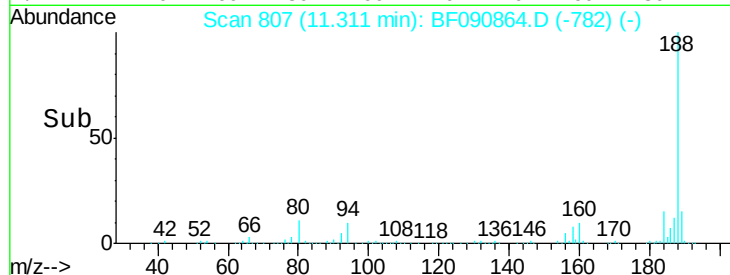
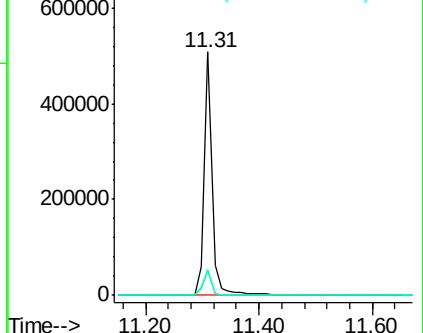
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090864.D
Acq: 27 Oct 2016 2:14

Instrument :
BNA_F
ClientSampleId :
P5-S1

Tgt Ion:188 Resp: 473446
Ion Ratio Lower Upper
188 100
94 9.9 11.1 16.7#
80 10.7 11.0 16.4#

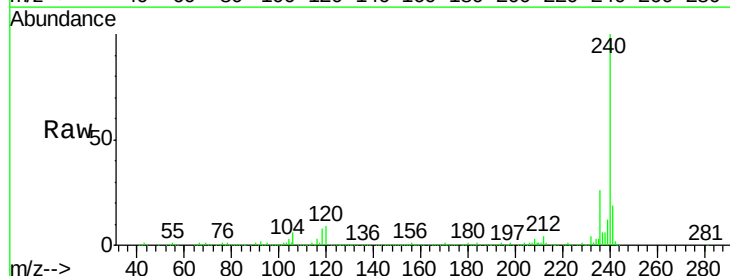


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

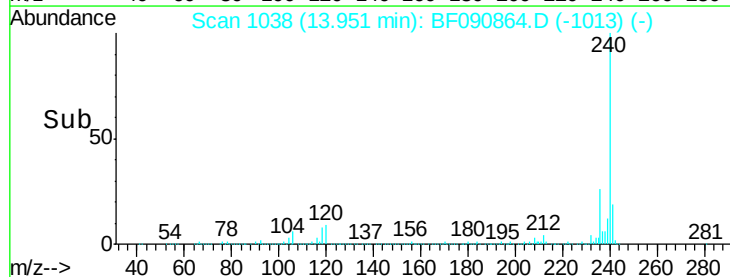
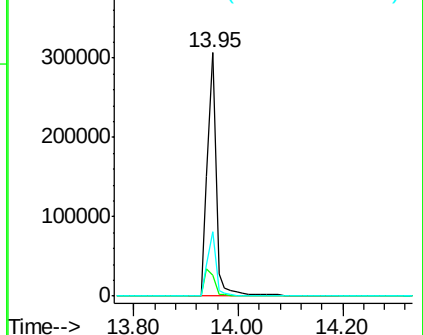


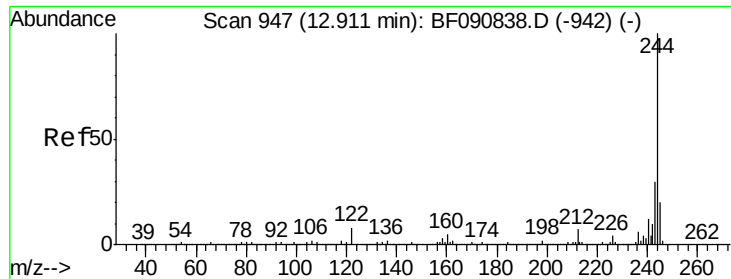
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090864.D
Acq: 27 Oct 2016 2:14

Tgt Ion:240 Resp: 367179
Ion Ratio Lower Upper
240 100
120 8.6 16.2 24.2#
236 26.4 18.4 27.6



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

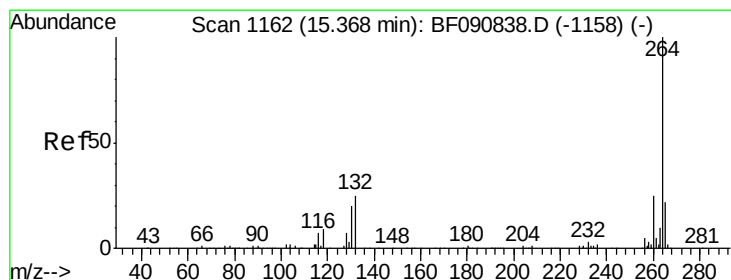
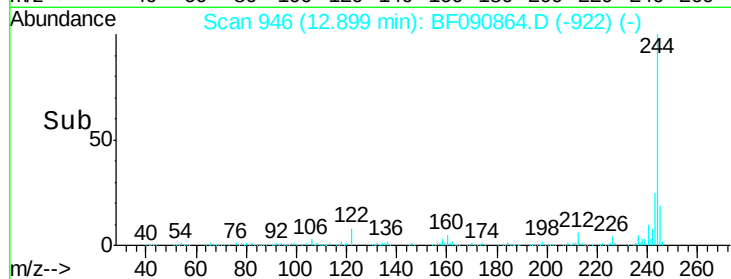
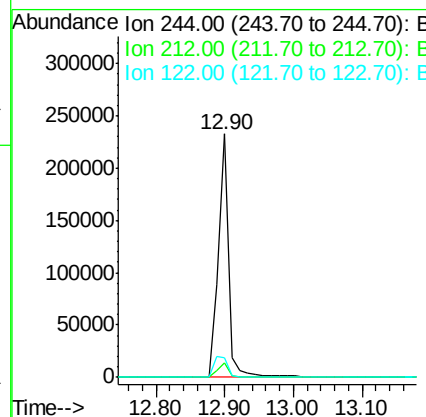
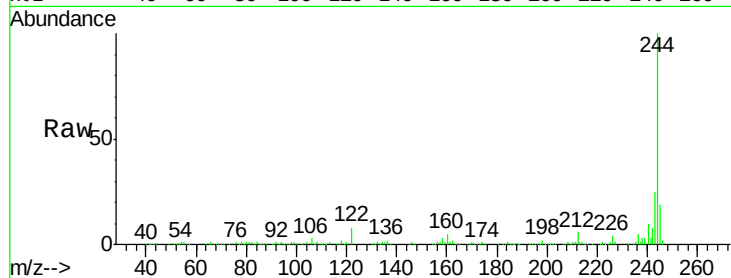




#78
 Terphenyl-d14
 Concen: 17.19 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF090864.D
 Acq: 27 Oct 2016 2:14

Instrument :
 BNA_F
 ClientSampleId :
 P5-S1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.9	4.3	6.5
122	8.2	17.4	26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF090864.D
 Acq: 27 Oct 2016 2:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	16.7	25.1#
265	21.4	17.2	25.8

