

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092891.D
 Acq On : 10 Feb 2017 19:01
 Operator : SJ/MA
 Sample : I1777-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-03-11-13

Quant Time: Feb 10 23:07:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

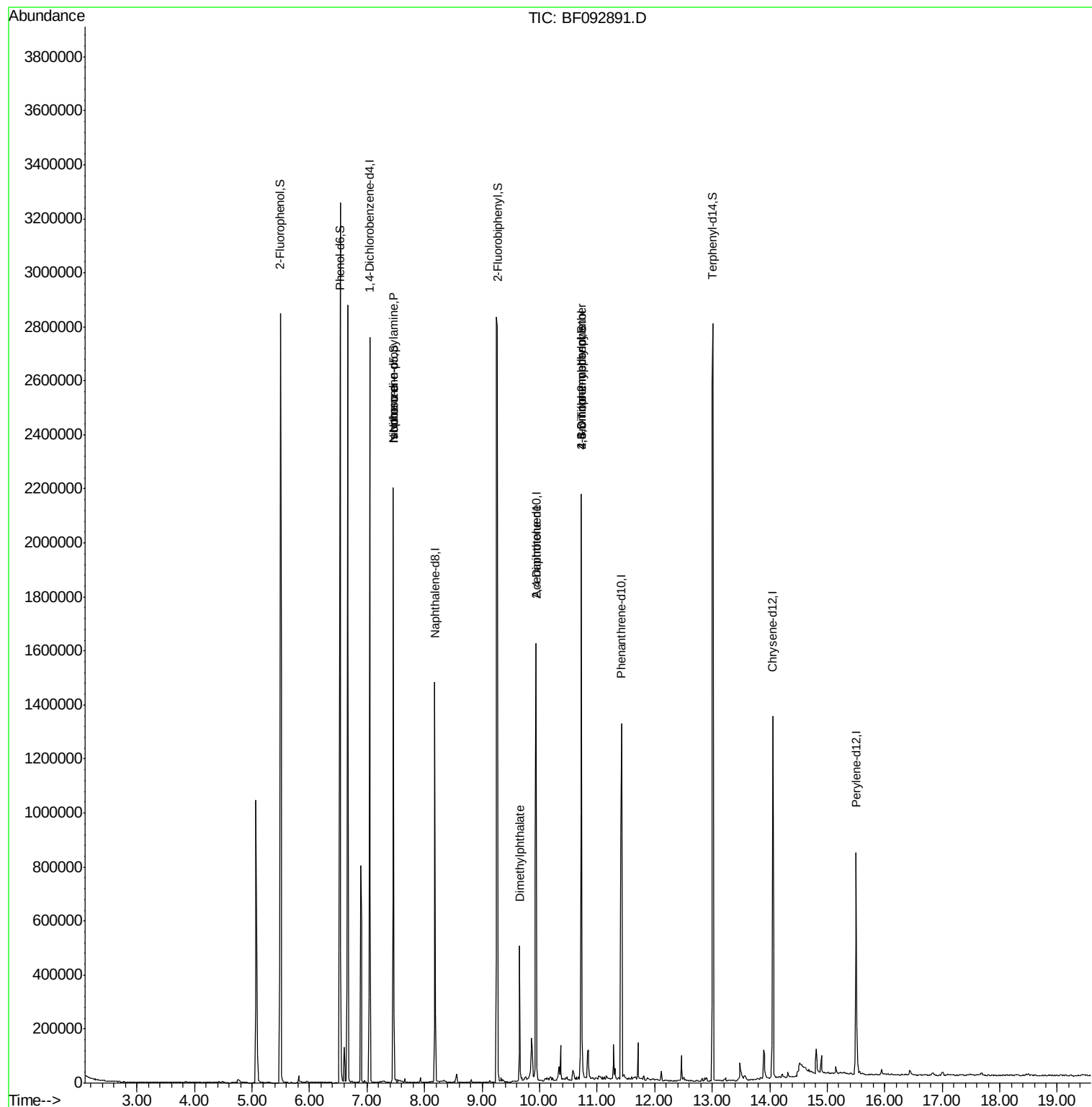
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	430513	20.00	ng	0.08
21) Naphthalene-d8	8.18	136	656994	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	381871	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	644075	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	487275	20.00	ng	-0.09
86) Perylene-d12	15.51	264	382695	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	959727	38.25	ng	-0.08
7) Phenol-d6	6.53	99	1225098	37.94	ng	-0.07
23) Nitrobenzene-d5	7.46	82	741191	62.82	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	266667	96.55	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1481938	70.31	ng	-0.07
78) Terphenyl-d14	13.01	244	1324418	63.86	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	98993	4.82	ng	# 81
25) Isophorone	7.46	82	738580	33.60	ng	# 65
49) Dimethylphthalate	9.65	163	208019	8.09	ng	99
56) 2,4-Dinitrotoluene	9.94	165	51047	6.90	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.73	198	423	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	20608	3.06	ng	# 1

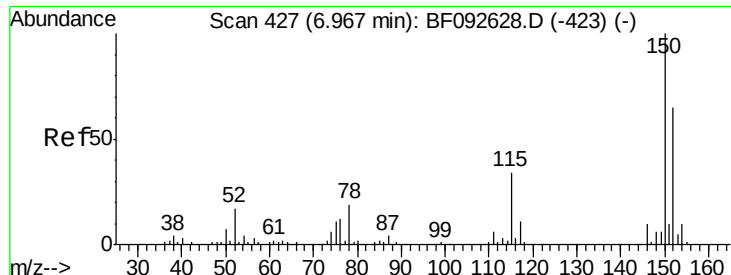
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.08 min

Lab File: BF092891.D

Acq: 10 Feb 2017 19:01

Instrument :

BNA_F

ClientSampleId :

38-SB-03-11-13

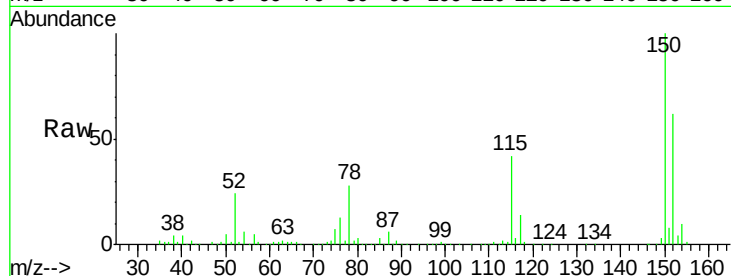
Tgt Ion:152 Resp: 430513

Ion Ratio Lower Upper

152 100

150 160.4 124.9 187.3

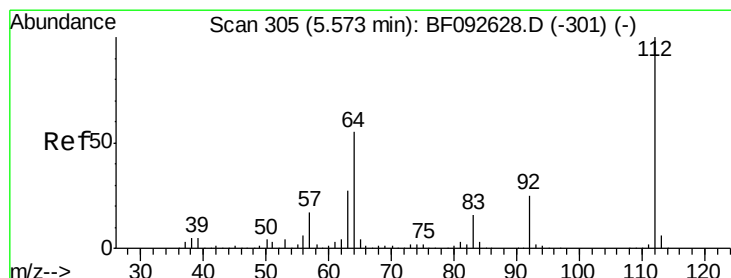
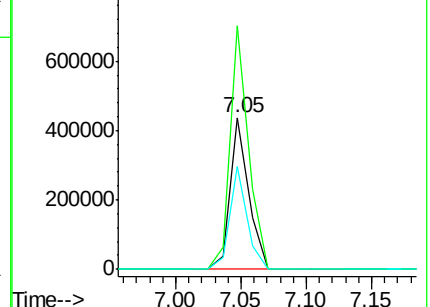
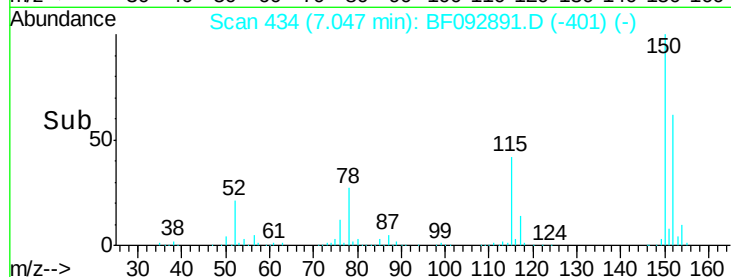
115 68.0 46.0 69.0



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: 38.25 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092891.D

Acq: 10 Feb 2017 19:01

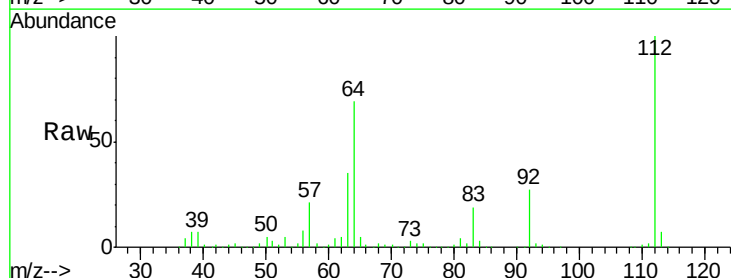
Tgt Ion:112 Resp: 959727

Ion Ratio Lower Upper

112 100

64 68.9 46.1 69.1

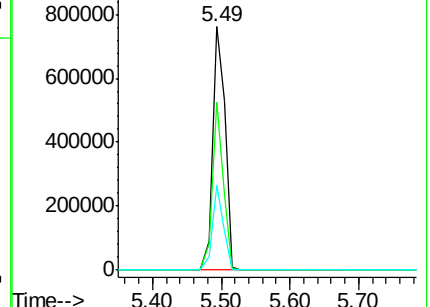
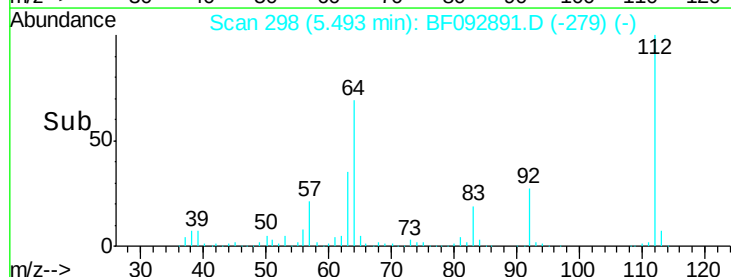
63 34.7 23.8 35.6

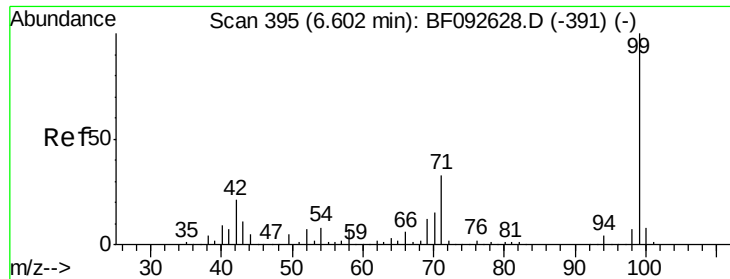


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.94 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092891.D

Acq: 10 Feb 2017 19:01

Instrument :

BNA_F

ClientSampleId :

38-SB-03-11-13

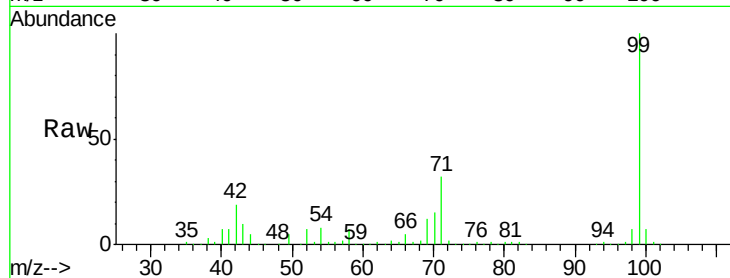
Tgt Ion: 99 Resp: 1225098

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

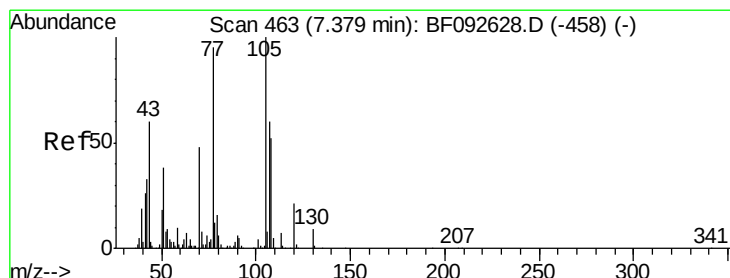
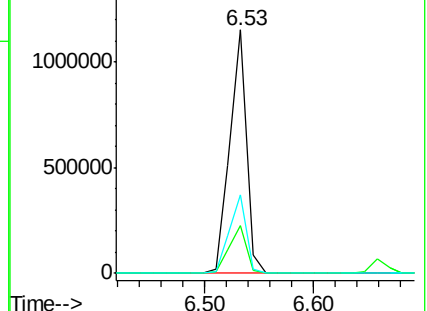
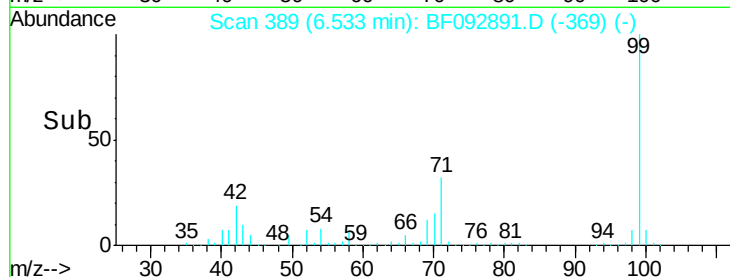
71 32.4 27.5 41.3



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: 4.82 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092891.D

Acq: 10 Feb 2017 19:01

Tgt Ion: 70 Resp: 98993

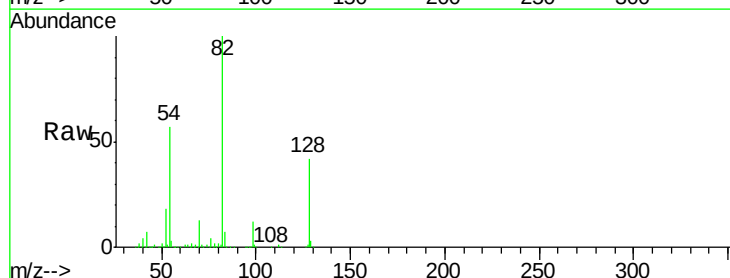
Ion Ratio Lower Upper

70 100

42 52.2 49.4 74.0

101 0.0 7.4 11.2#

130 1.6 14.2 21.4#

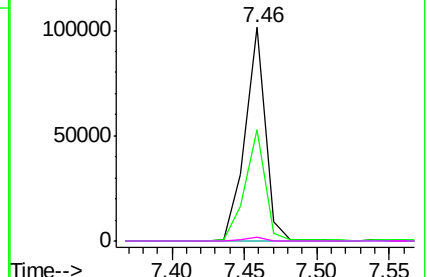
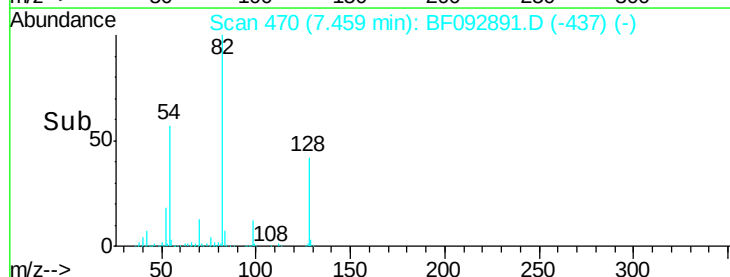


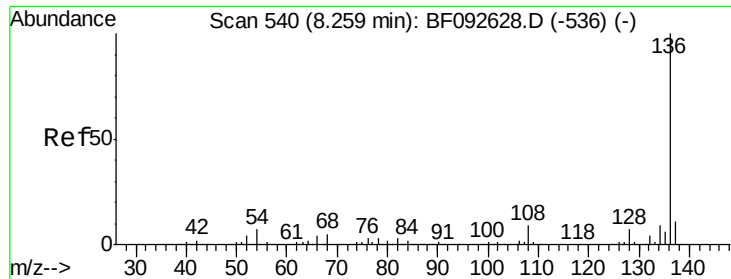
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

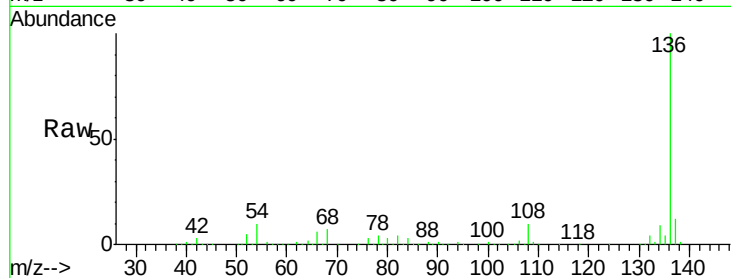




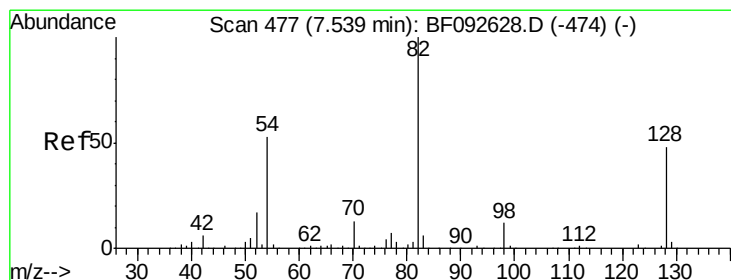
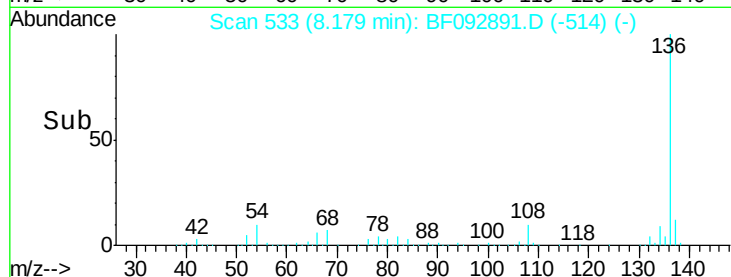
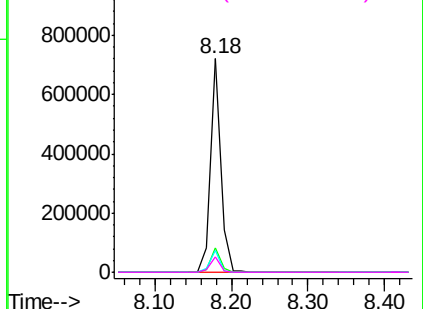
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092891.D
Acq: 10 Feb 2017 19:01

Instrument :
BNA_F
ClientSampleId :
38-SB-03-11-13

Tgt Ion:	136	Resp:	656994
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	10.2	4.5	6.7#
68	7.1	3.6	5.4#

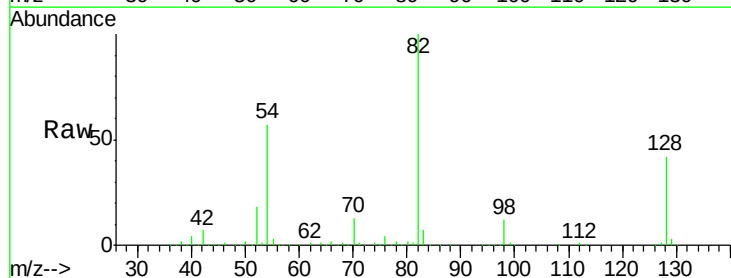


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

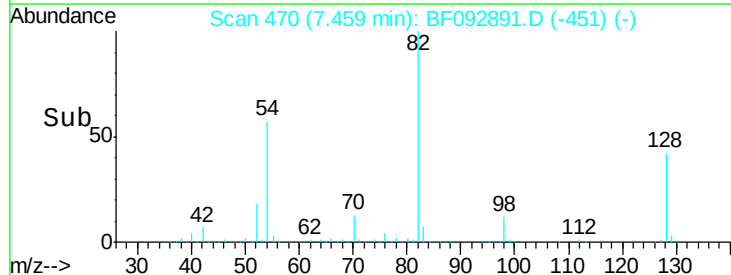
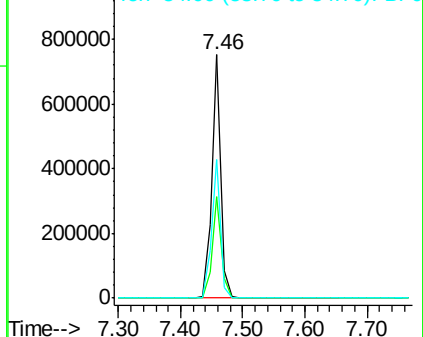


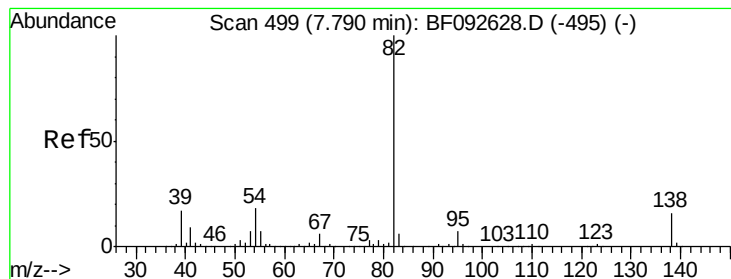
#23
Nitrobenzene-d5
Concen: 62.82 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092891.D
Acq: 10 Feb 2017 19:01

Tgt Ion:	82	Resp:	741191
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	56.8	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.60 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.33 min

Lab File: BF092891.D

Acq: 10 Feb 2017 19:01

Instrument :

BNA_F

ClientSampleId :

38-SB-03-11-13

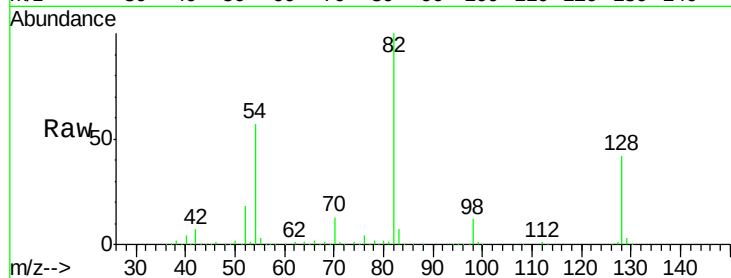
Tgt Ion: 82 Resp: 738580

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

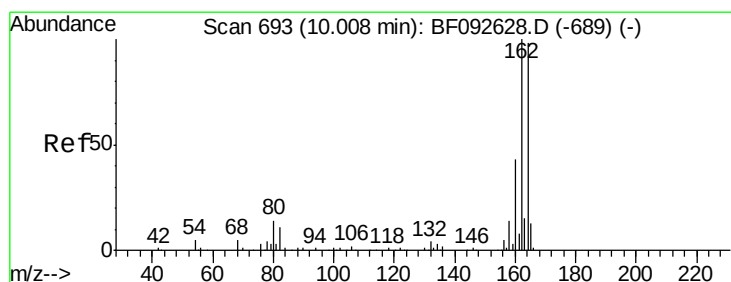
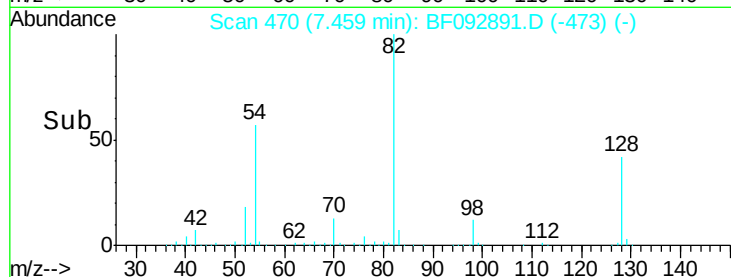
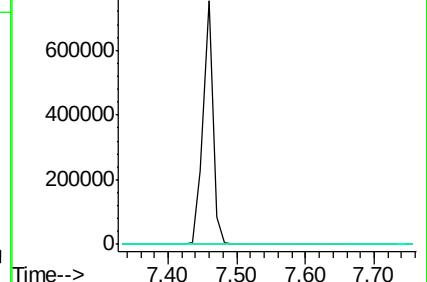
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092891.D

Acq: 10 Feb 2017 19:01

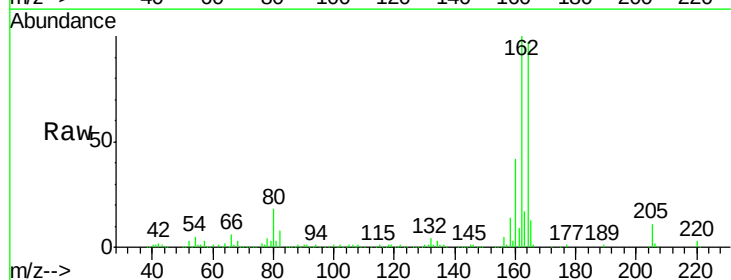
Tgt Ion: 164 Resp: 381871

Ion Ratio Lower Upper

164 100

162 103.5 80.2 120.2

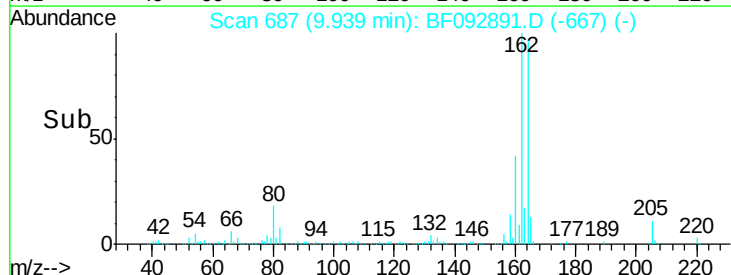
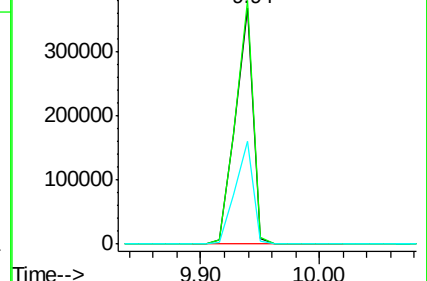
160 43.5 36.9 55.3

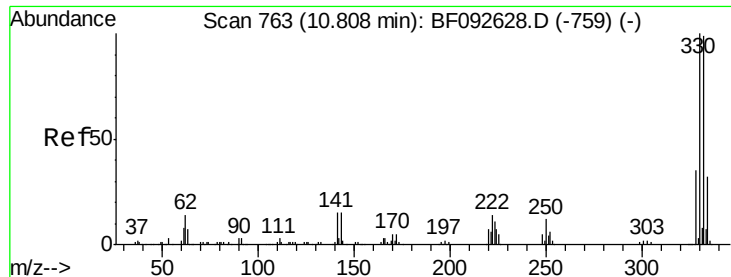


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

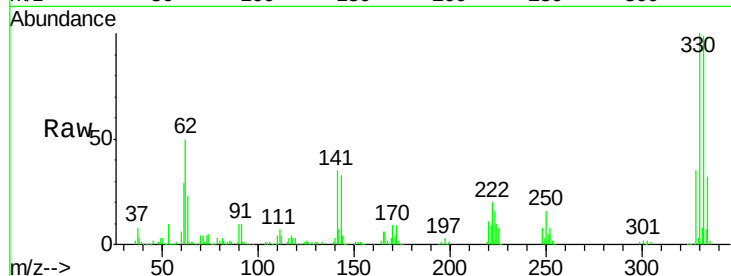




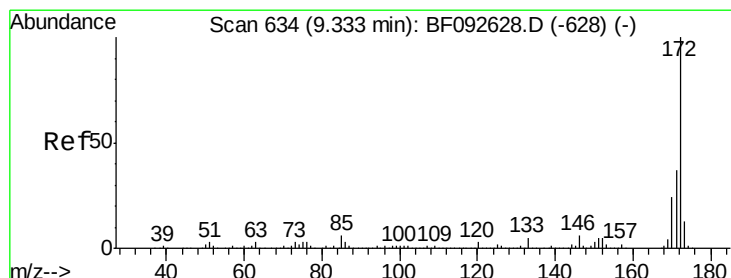
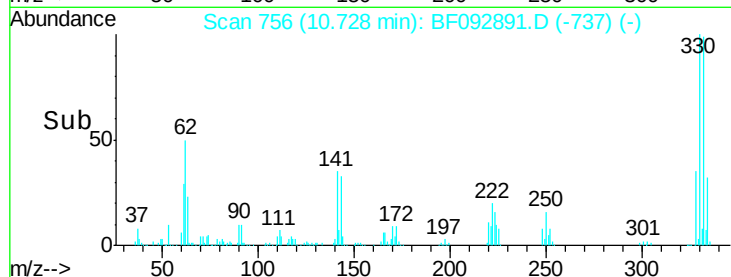
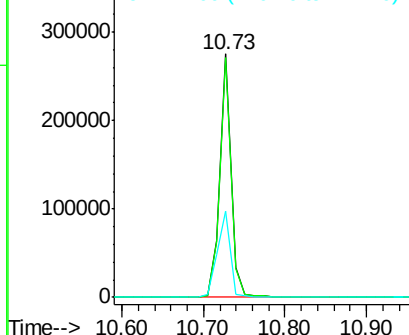
#41
 2,4,6-Tribromophenol
 Concen: 96.55 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092891.D
 Acq: 10 Feb 2017 19:01

Instrument :
 BNA_F
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 38-SB-03-11-13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.2
141	40.0	34.1	51.1

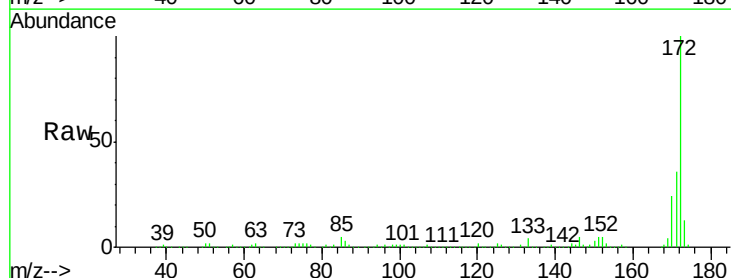


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

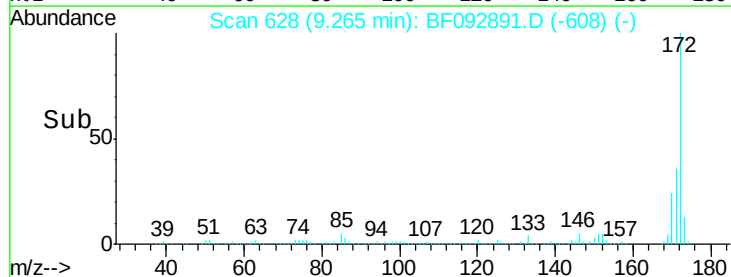
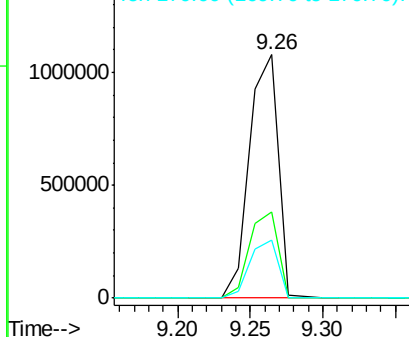


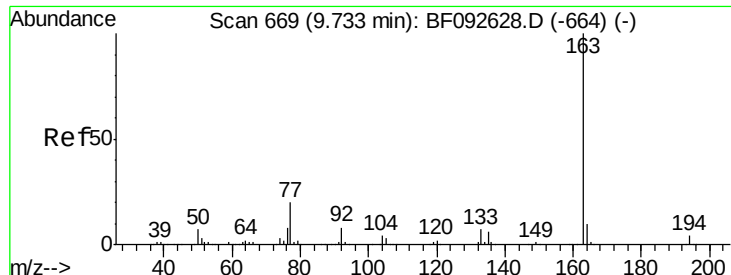
#44
 2-Fluorobiphenyl
 Concen: 70.31 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092891.D
 Acq: 10 Feb 2017 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.0	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





#49

Dimethylphthalate

Concen: 8.09 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.08 min

Lab File: BF092891.D

Acq: 10 Feb 2017 19:01

Instrument :

BNA_F

ClientSampleId :

38-SB-03-11-13

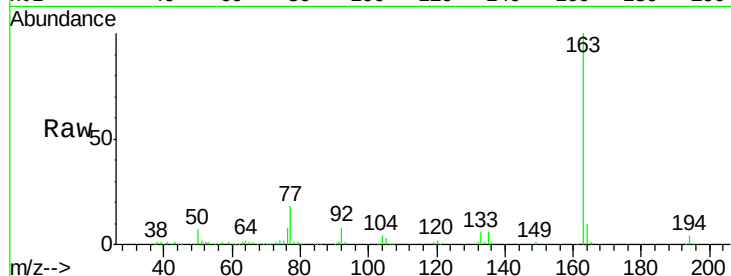
Tgt Ion:163 Resp: 208019

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

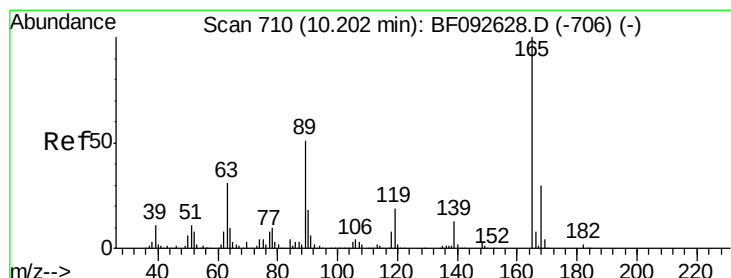
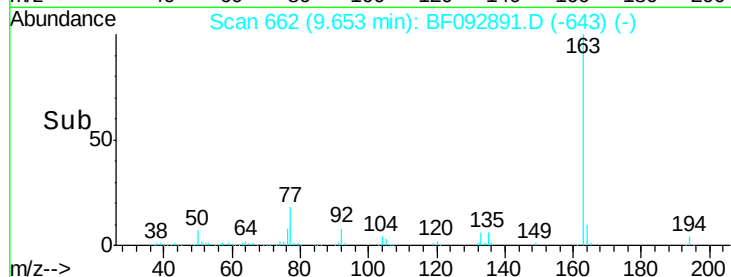
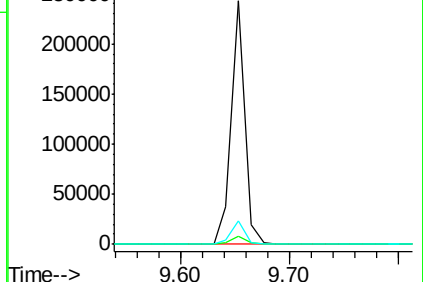
164 9.8 8.0 12.0



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



#56

2,4-Dinitrotoluene

Concen: 6.90 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.26 min

Lab File: BF092891.D

Acq: 10 Feb 2017 19:01

Tgt Ion:165 Resp: 51047

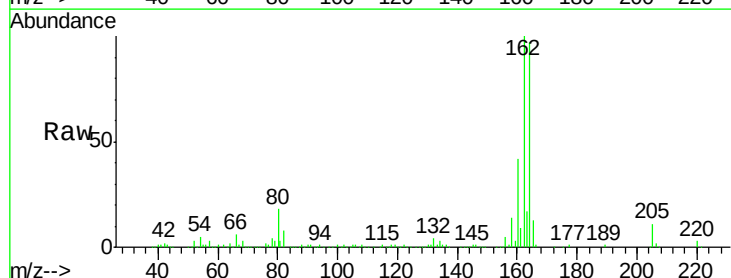
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

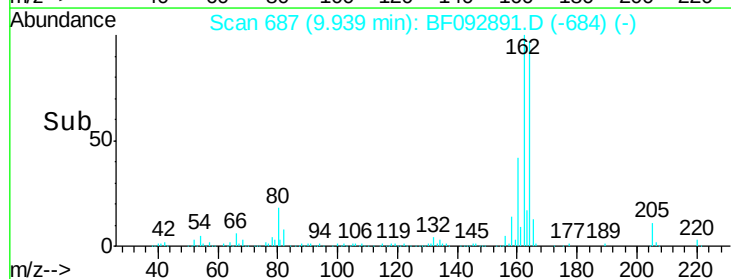
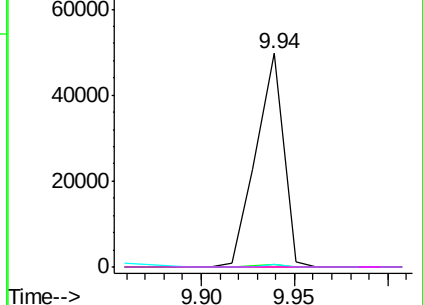


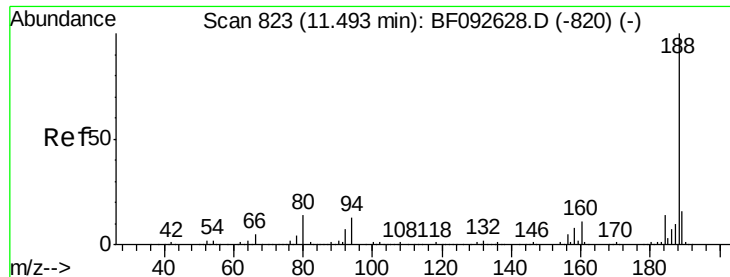
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

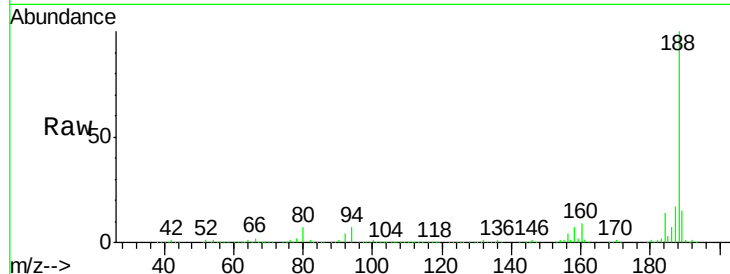




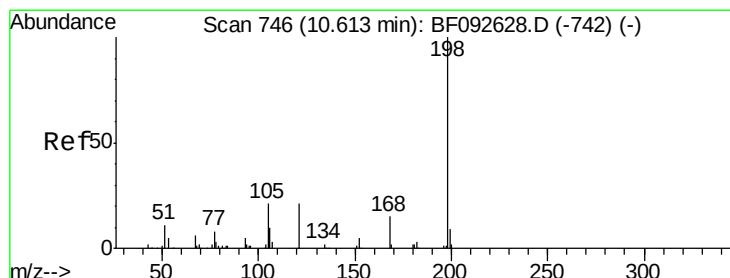
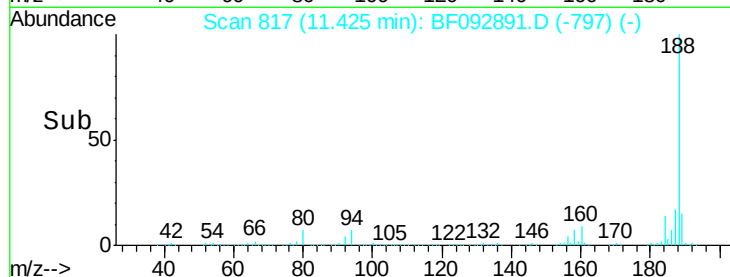
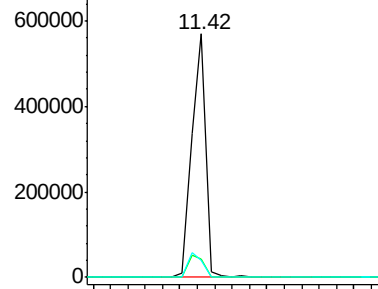
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF092891.D
 Acq: 10 Feb 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-03-11-13

Tgt Ion:188 Resp: 644075
 Ion Ratio Lower Upper
 188 100
 94 7.4 10.0 15.0#
 80 7.2 11.2 16.8#

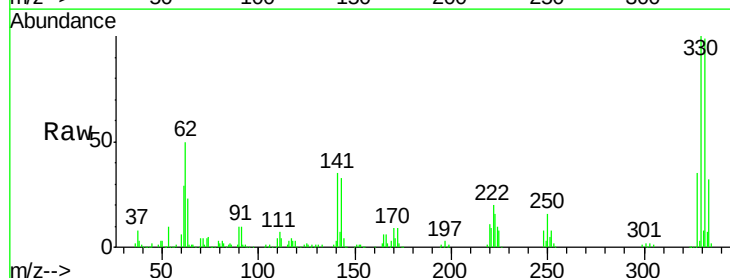


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

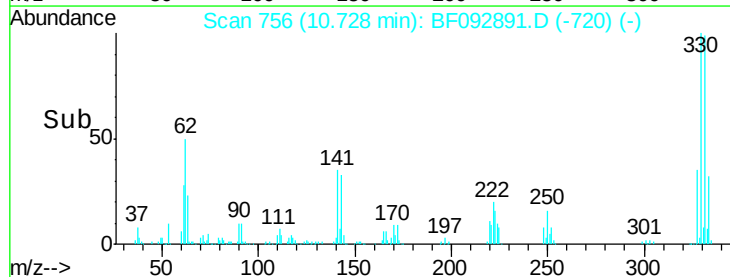
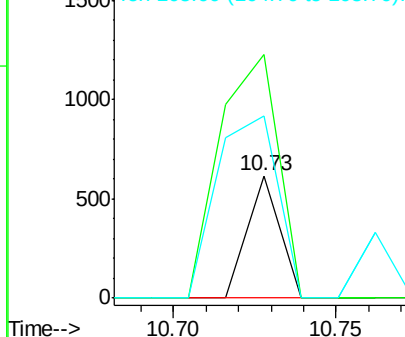


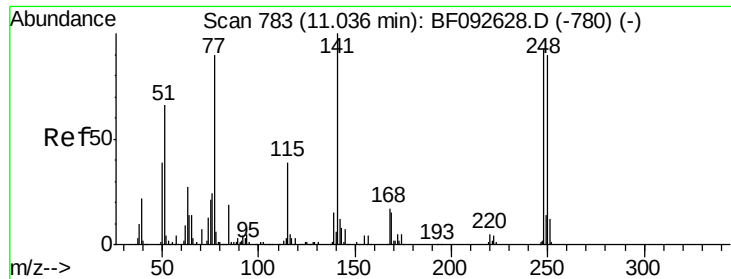
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.77 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.11 min
 Lab File: BF092891.D
 Acq: 10 Feb 2017 19:01

Tgt Ion:198 Resp: 423
 Ion Ratio Lower Upper
 198 100
 51 198.9 6.7 46.7#
 105 149.3 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

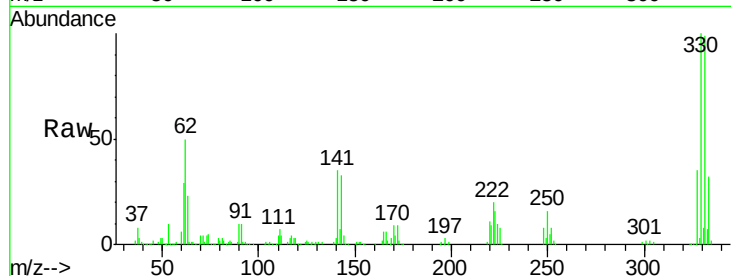




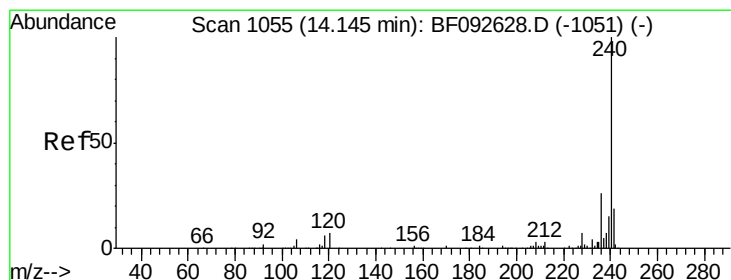
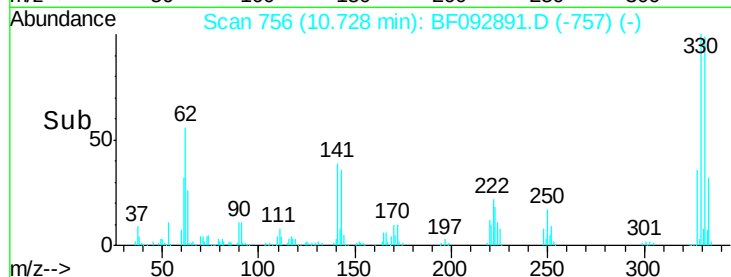
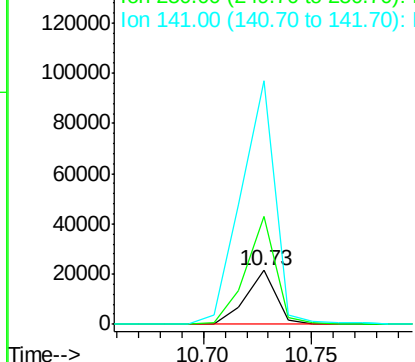
#66
4-Bromophenyl-phenylether
Concen: 3.06 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.31 min
Lab File: BF092891.D
Acq: 10 Feb 2017 19:01

Instrument :
BNA_F
ClientSampleId :
38-SB-03-11-13

Tgt Ion:248 Resp: 20608
Ion Ratio Lower Upper
248 100
250 200.3 76.9 115.3#
141 453.0 68.2 102.4#

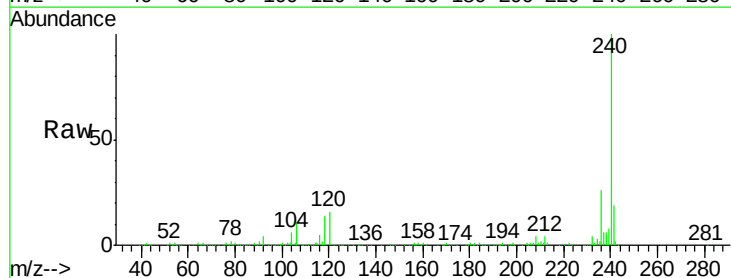


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

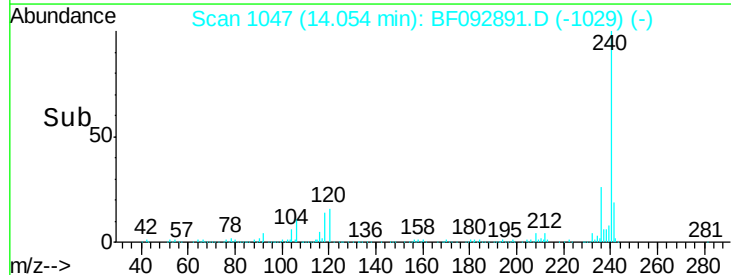
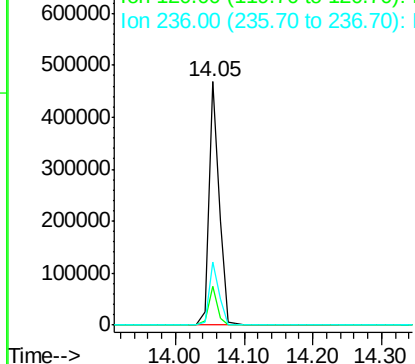


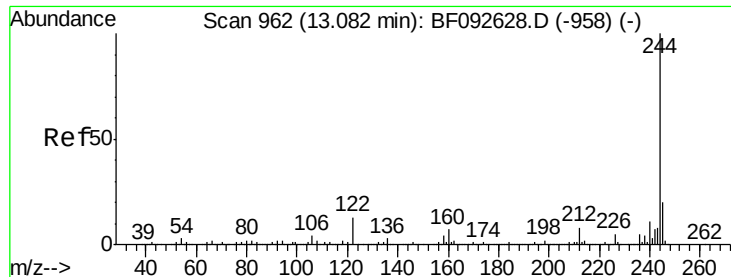
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092891.D
Acq: 10 Feb 2017 19:01

Tgt Ion:240 Resp: 487275
Ion Ratio Lower Upper
240 100
120 16.0 12.9 19.3
236 25.9 20.9 31.3



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

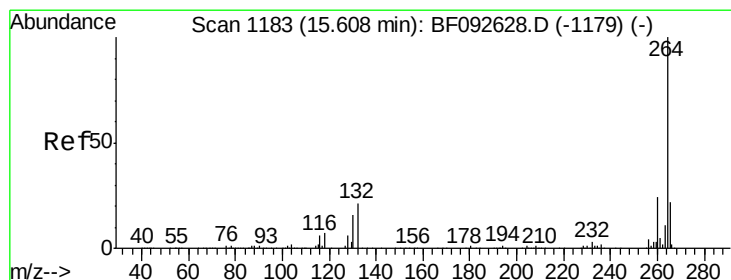
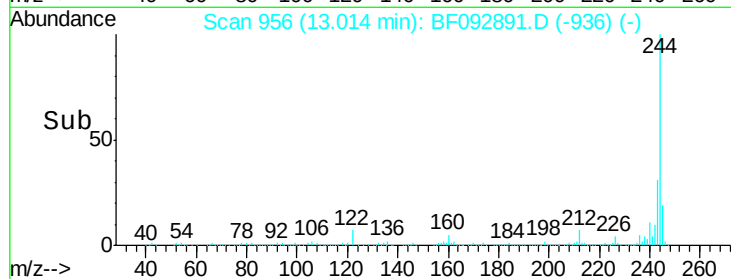
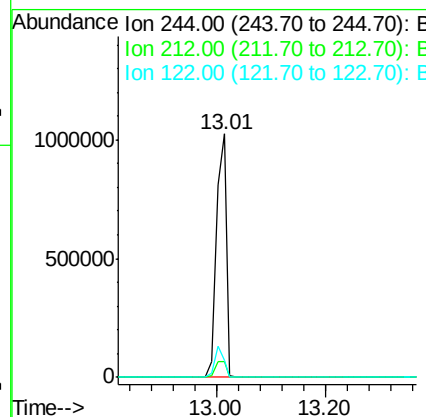
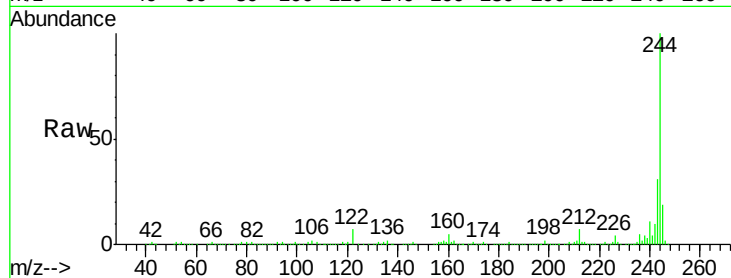




#78
 Terphenyl-d14
 Concen: 63.86 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092891.D
 Acq: 10 Feb 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-03-11-13

Tgt Ion:244 Resp: 1324418
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.2
 122 7.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092891.D
 Acq: 10 Feb 2017 19:01

Tgt Ion:264 Resp: 382695
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.1 17.4 26.0

