

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092932.D
 Acq On : 13 Feb 2017 21:40
 Operator : SJ/MA
 Sample : I1799-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Quant Time: Feb 14 00:41:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

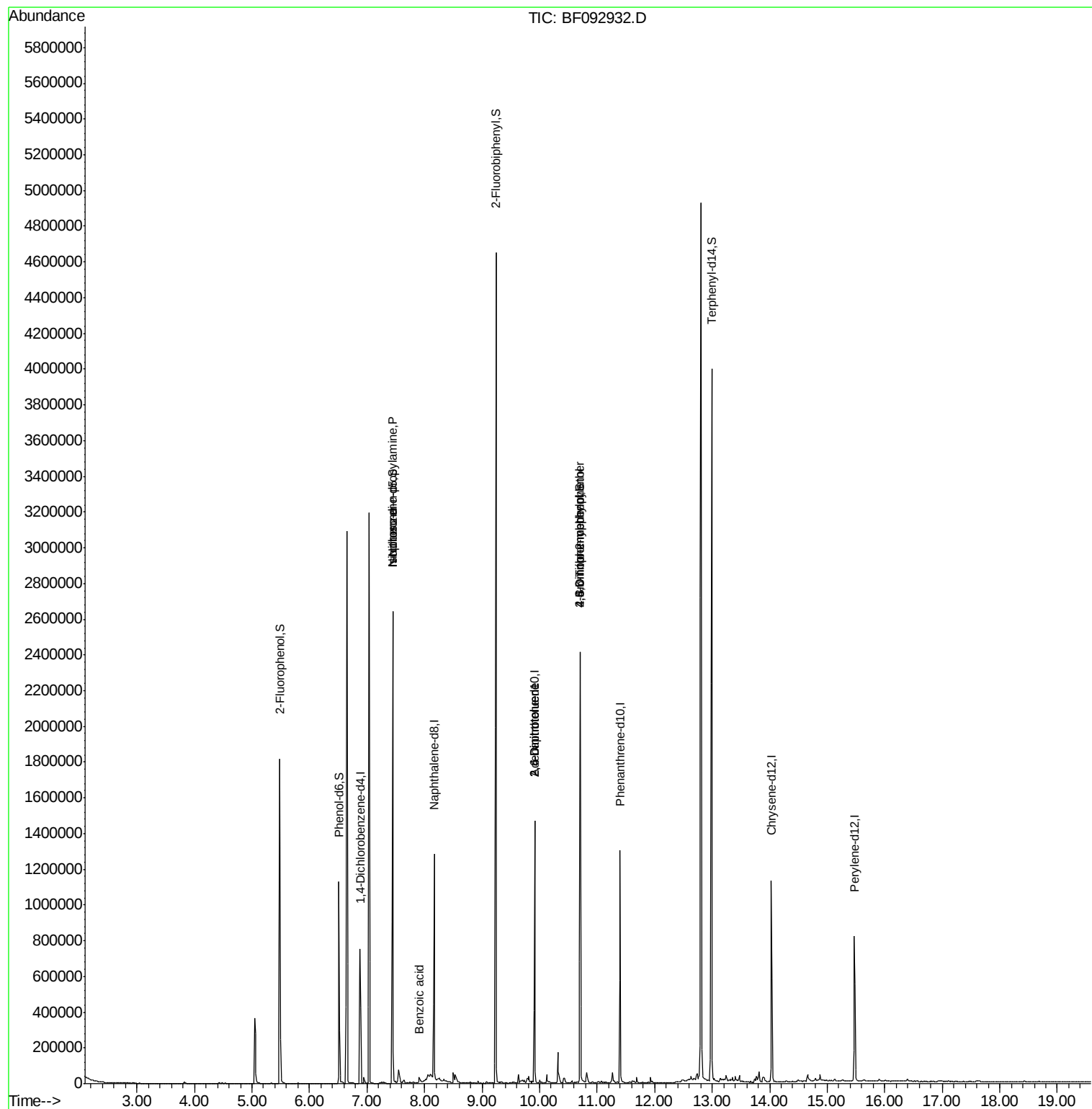
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	136978	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	584532	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	320285	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	531781	20.00	ng	0.00
75) Chrysene-d12	14.03	240	454875	20.00	ng	-0.02
86) Perylene-d12	15.47	264	397771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	474264	59.40	ng	0.00
7) Phenol-d6	6.51	99	350348	34.10	ng	-0.02
23) Nitrobenzene-d5	7.45	82	878704	83.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	287908	124.29	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1581877	89.48	ng	0.00
78) Terphenyl-d14	12.99	244	1439108	74.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	117631	17.99	ng	# 81
25) Isophorone	7.45	82	663943	33.94	ng	# 65
32) Benzoic acid	7.92	122	251	7.21	ng	# 69
50) 2,6-Dinitrotoluene	9.92	165	40003	8.59	ng	# 30
56) 2,4-Dinitrotoluene	9.92	165	40005	6.45	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.70	198	638	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	20526	3.69	ng	# 1

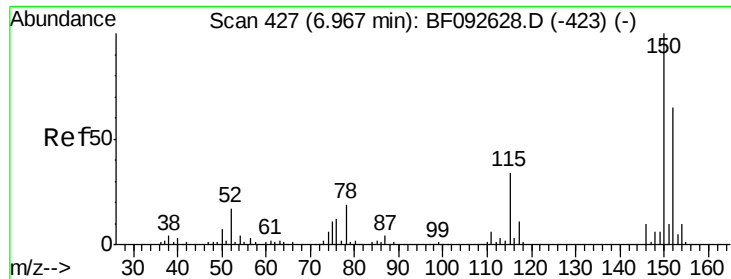
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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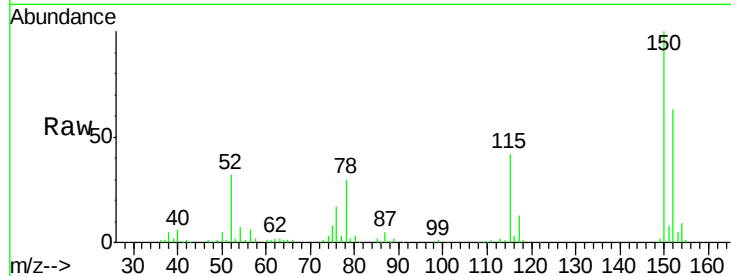




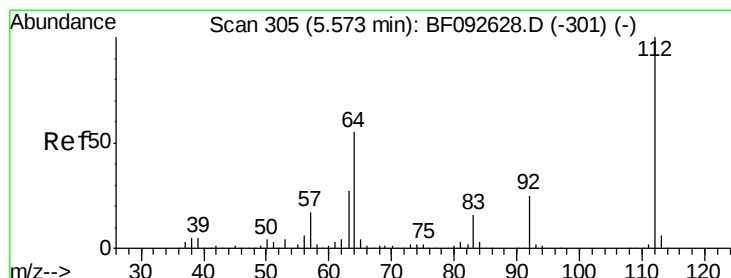
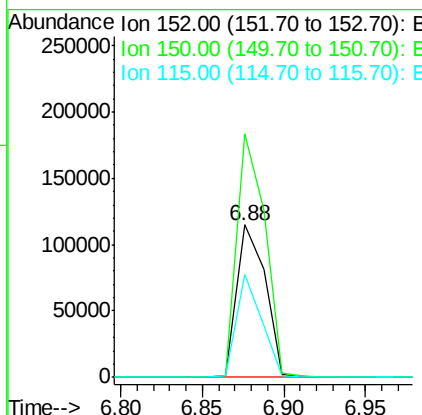
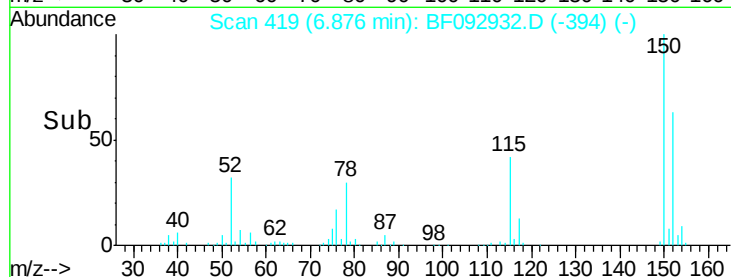
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092932.D
 Acq: 13 Feb 2017 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Tgt Ion:152 Resp: 136978
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.9 187.3
 115 67.7 46.0 69.0

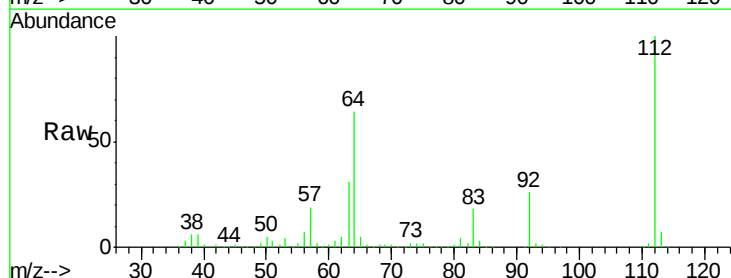


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

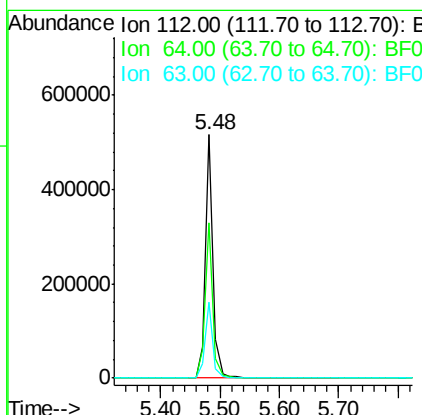
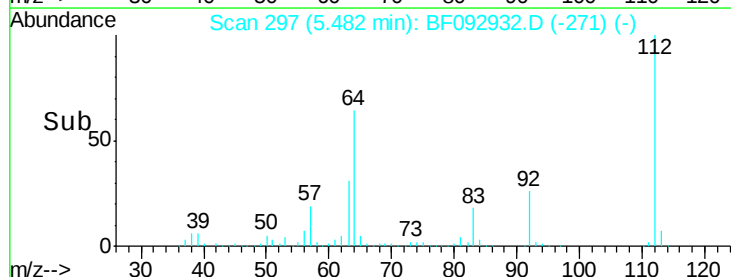


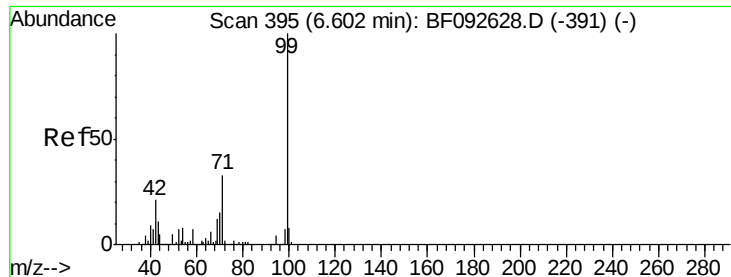
#5
 2-Fluorophenol
 Concen: 59.40 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF092932.D
 Acq: 13 Feb 2017 21:40

Tgt Ion:112 Resp: 474264
 Ion Ratio Lower Upper
 112 100
 64 63.5 46.1 69.1
 63 31.1 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: 34.10 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092932.D

Acq: 13 Feb 2017 21:40

Instrument :

BNA_F

ClientSampleId :

SW-3

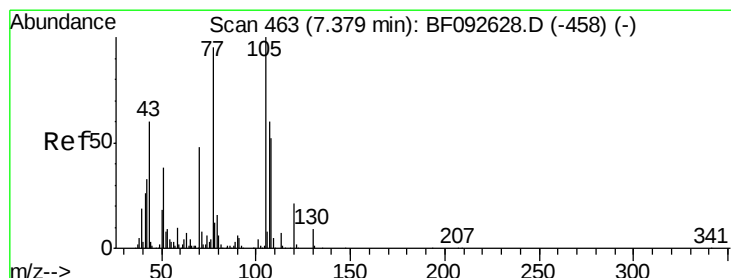
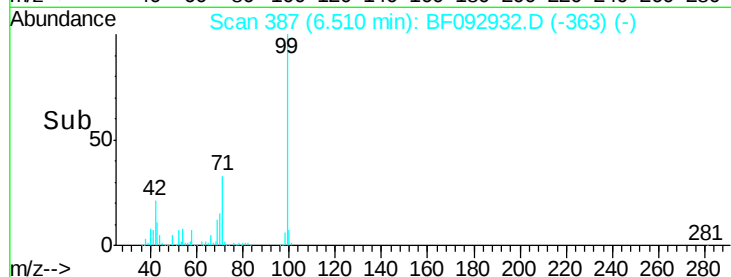
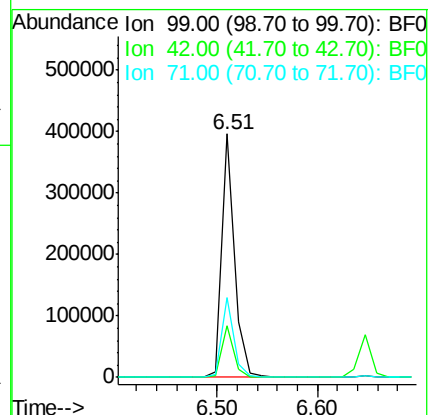
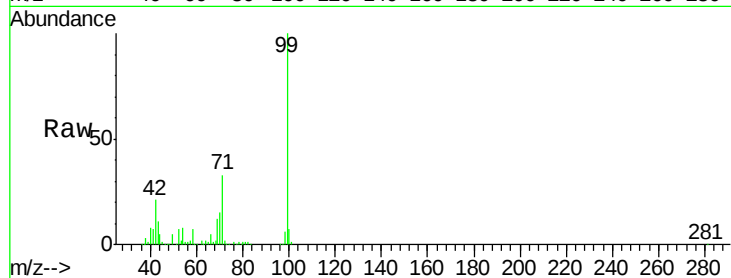
Tgt Ion: 99 Resp: 350348

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

71 32.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.99 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF092932.D

Acq: 13 Feb 2017 21:40

Tgt Ion: 70 Resp: 117631

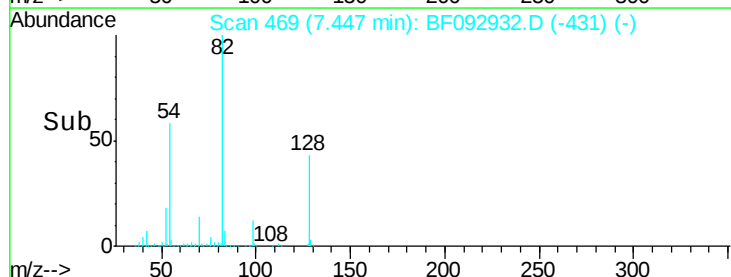
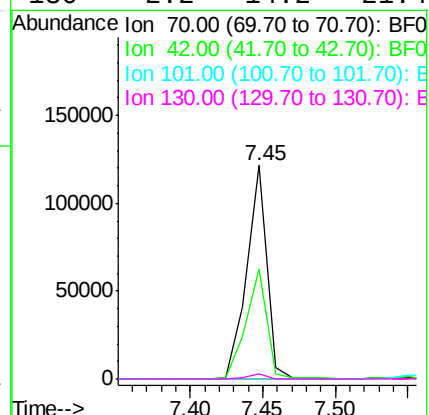
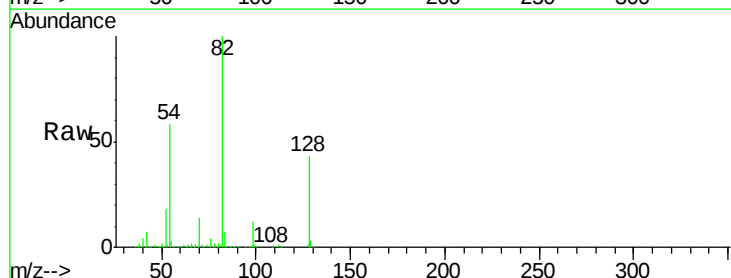
Ion Ratio Lower Upper

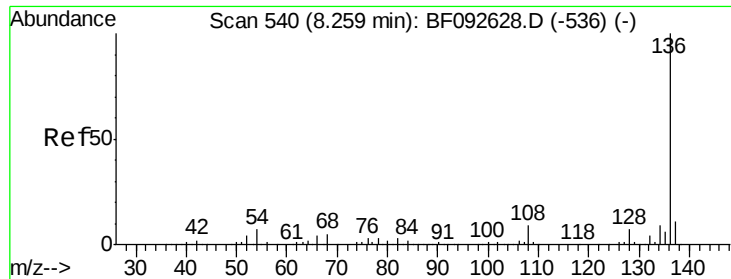
70 100

42 51.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

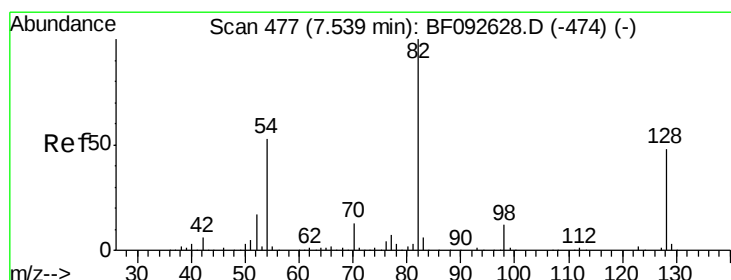
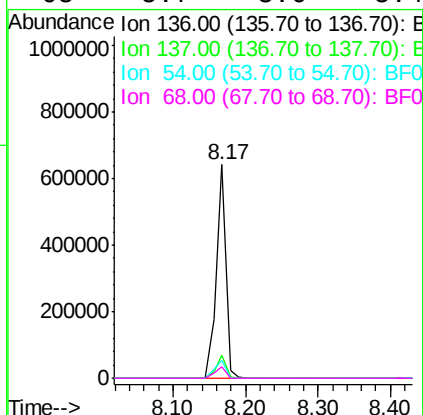
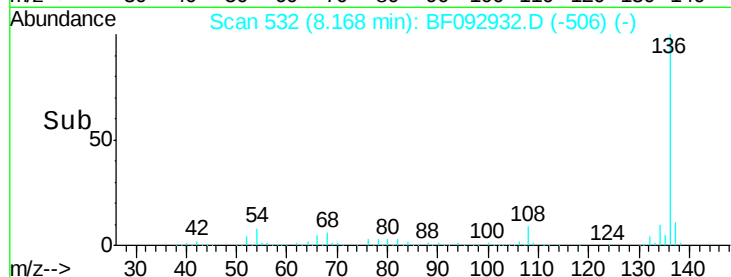
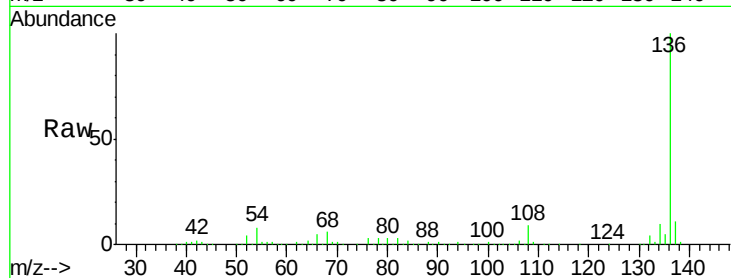




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092932.D
Acq: 13 Feb 2017 21:40

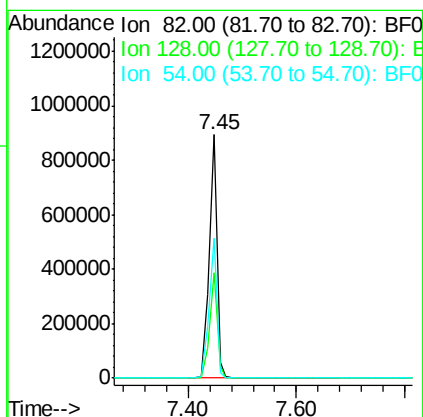
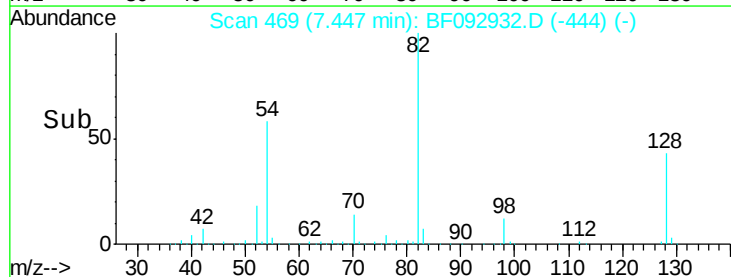
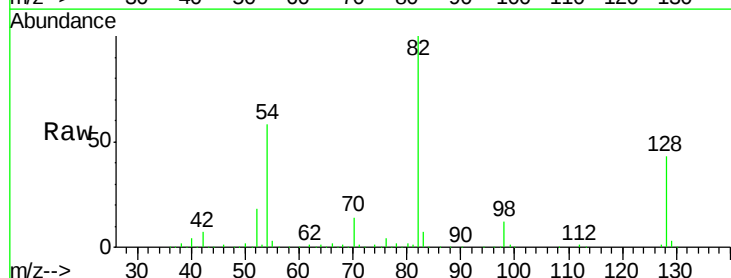
Instrument :
BNA_F
ClientSampleId :
SW-3

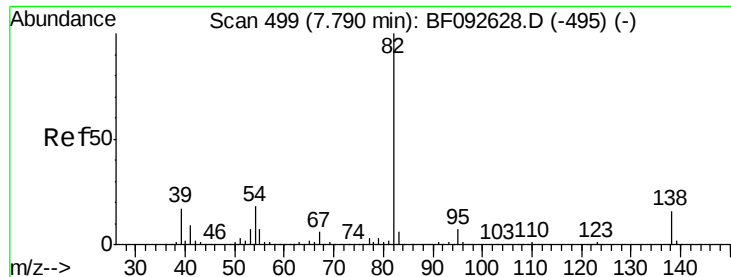
Tgt Ion:	136	Resp:	584532
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.3	4.5	6.7#
68	5.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 83.71 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092932.D
Acq: 13 Feb 2017 21:40

Tgt Ion:	82	Resp:	878704
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	57.6	39.5	59.3





#25

Isophorone

Concen: 33.94 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF092932.D

Acq: 13 Feb 2017 21:40

Instrument :

BNA_F

ClientSampled :

SW-3

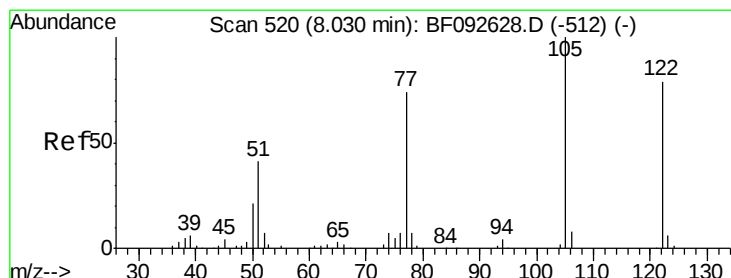
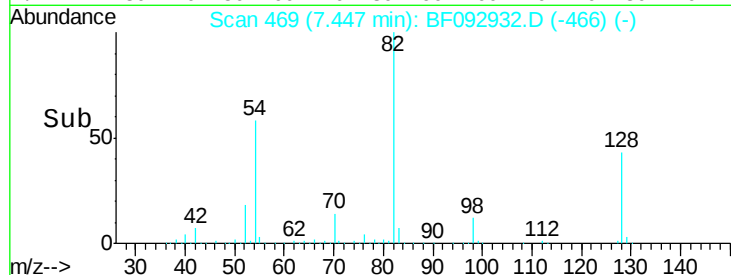
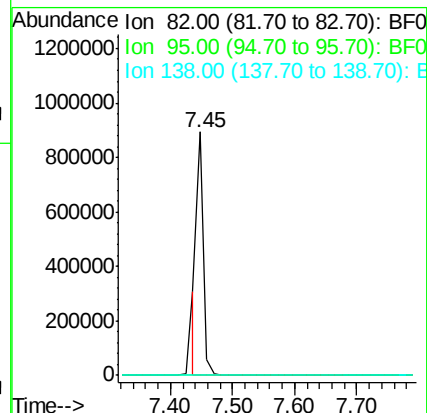
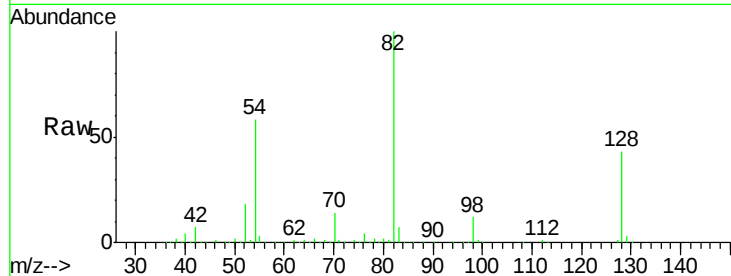
Tgt Ion: 82 Resp: 663943

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.21 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF092932.D

Acq: 13 Feb 2017 21:40

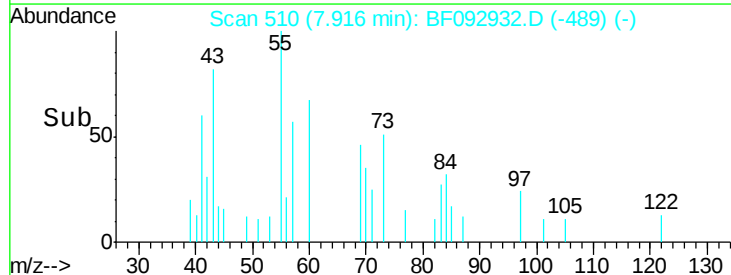
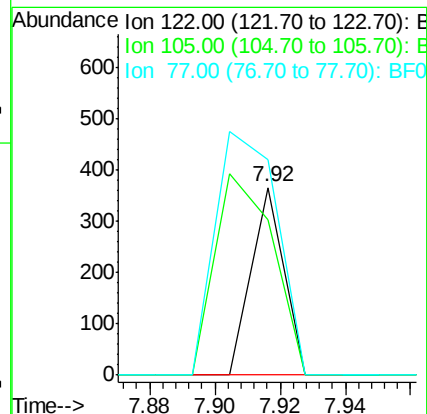
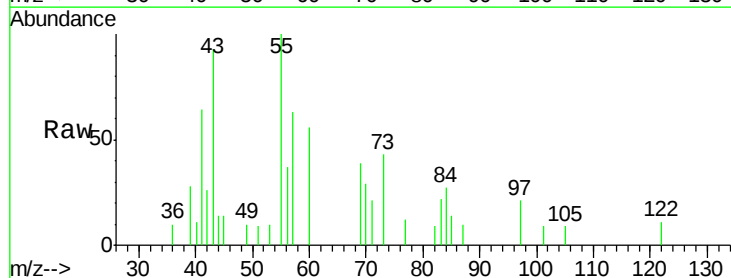
Tgt Ion: 122 Resp: 251

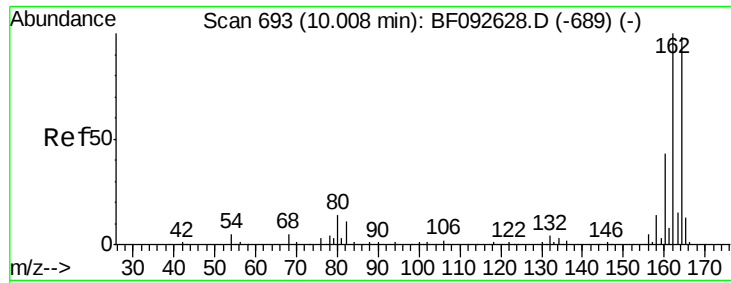
Ion Ratio Lower Upper

122 100

105 82.5 107.2 147.2#

77 114.8 74.5 114.5#

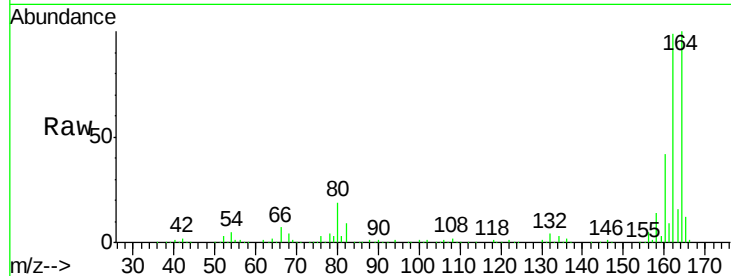




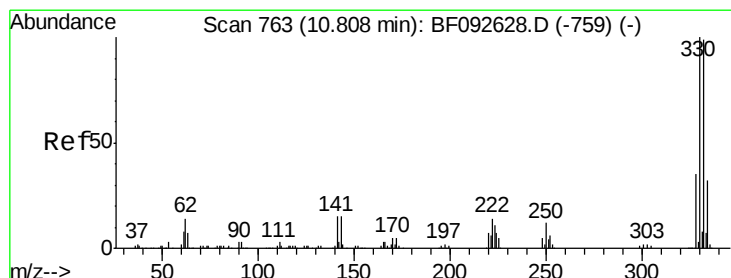
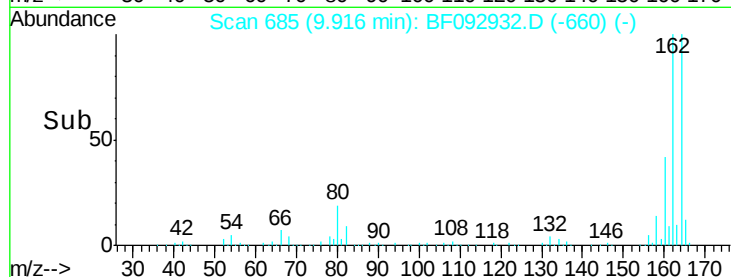
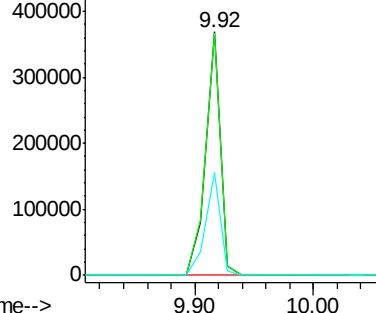
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092932.D
 Acq: 13 Feb 2017 21:40

Instrument :
 BNA_F
 ClientSampled :
 SW-3

Tgt Ion:164 Resp: 320285
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.2 120.2
 160 42.3 36.9 55.3

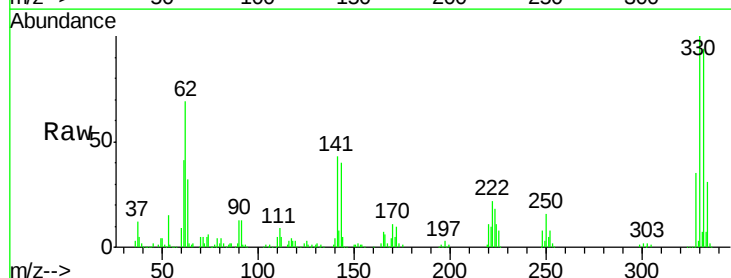


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

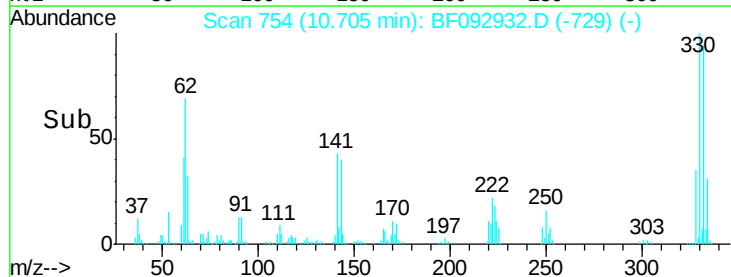
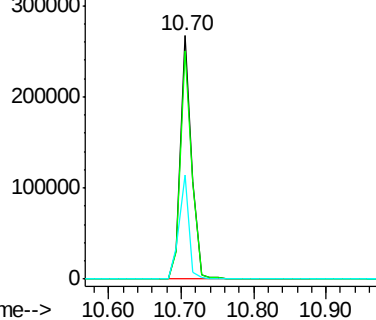


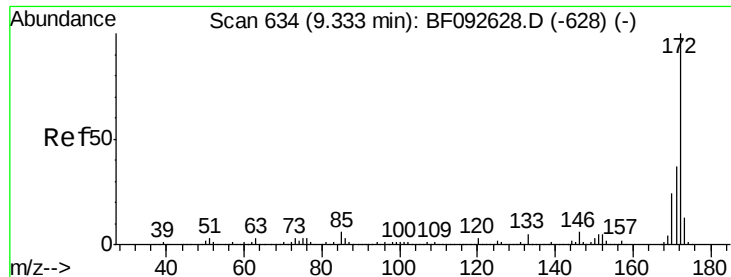
#41
 2,4,6-Tribromophenol
 Concen: 124.29 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092932.D
 Acq: 13 Feb 2017 21:40

Tgt Ion:330 Resp: 287908
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.4 116.2
 141 38.3 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

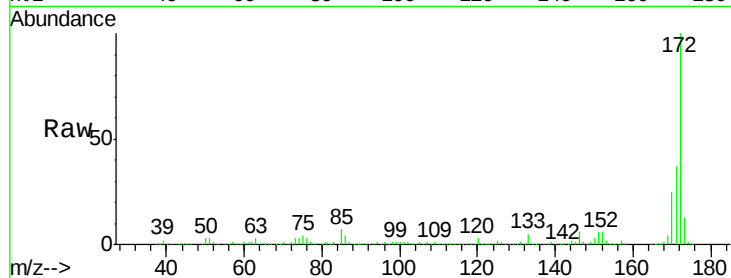




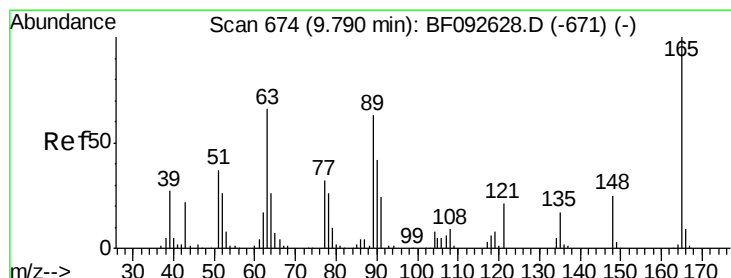
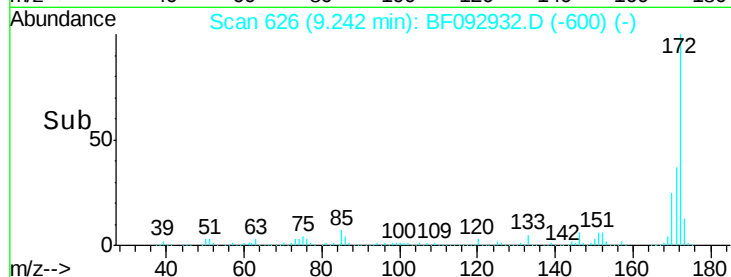
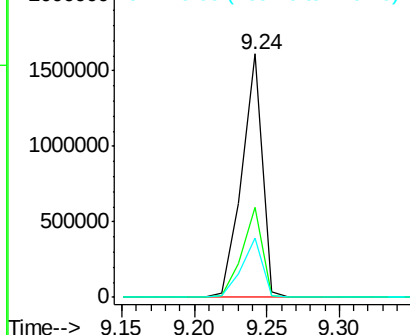
#44
 2-Fluorobiphenyl
 Concen: 89.48 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092932.D
 Acq: 13 Feb 2017 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Tgt Ion:172 Resp: 1581877
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.5 20.2 30.4

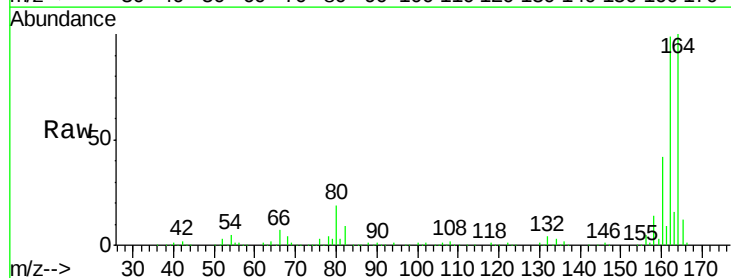


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

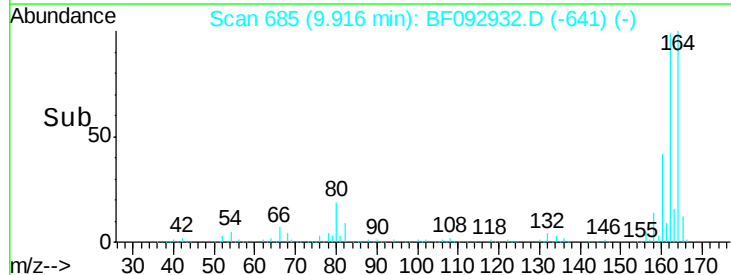
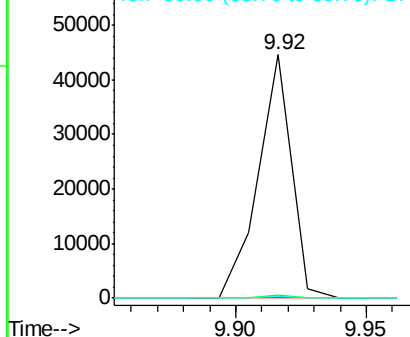


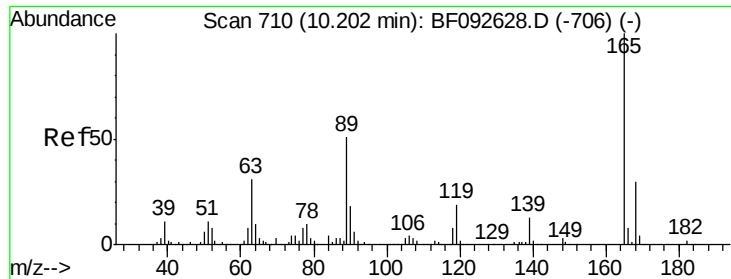
#50
 2,6-Dinitrotoluene
 Concen: 8.59 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF092932.D
 Acq: 13 Feb 2017 21:40

Tgt Ion:165 Resp: 40003
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.2 54.4#
 89 0.8 40.2 60.4#



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

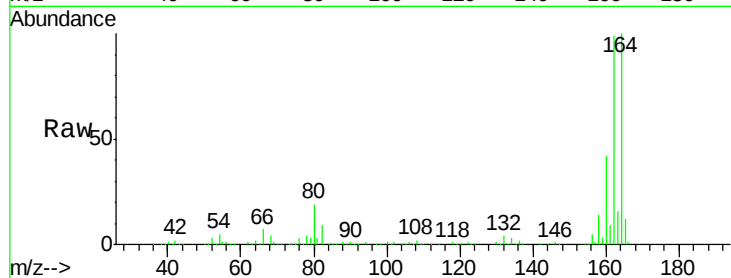




#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF092932.D
 Acq: 13 Feb 2017 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

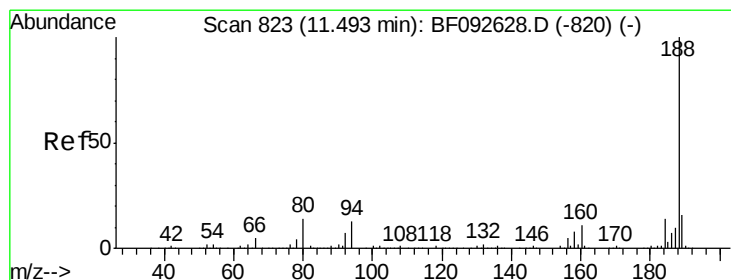
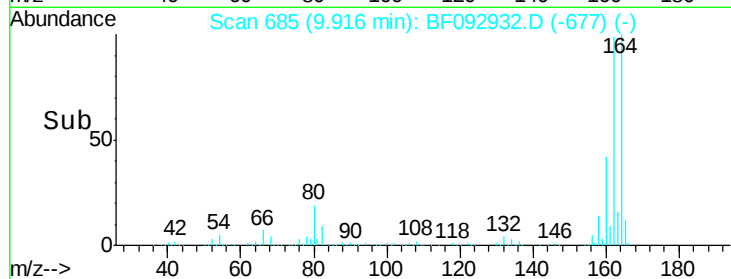
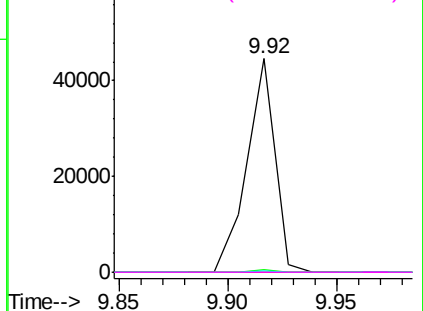


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

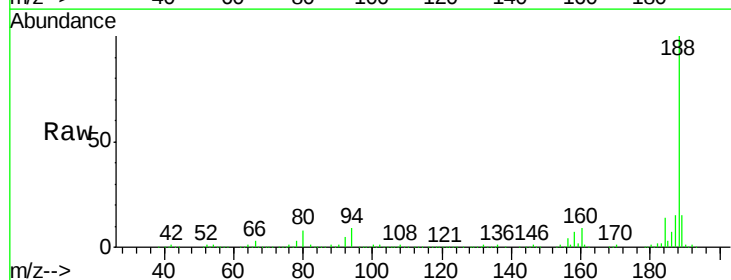
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF092932.D
 Acq: 13 Feb 2017 21:40

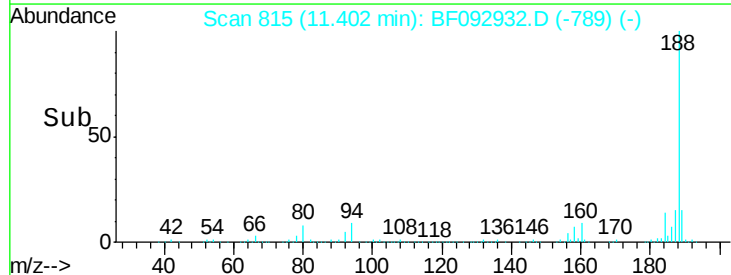
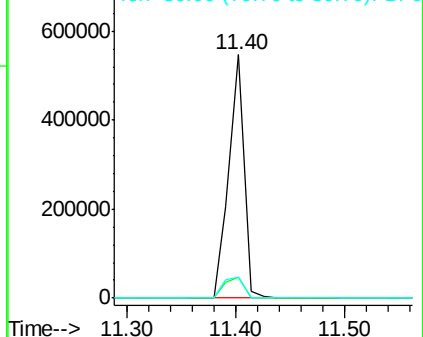
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	8.4	11.2	16.8#

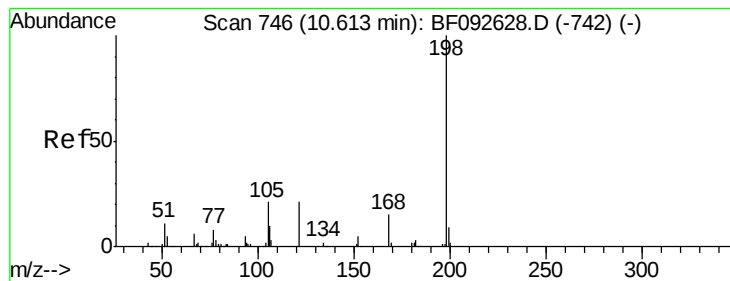


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.86 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.17 min

Lab File: BF092932.D

Acq: 13 Feb 2017 21:40

Instrument :

BNA_F

ClientSampled :

SW-3

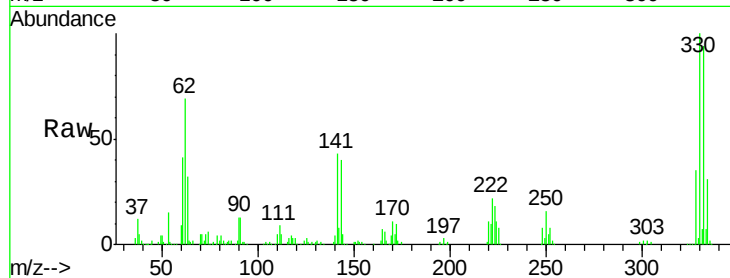
Tgt Ion:198 Resp: 638

Ion Ratio Lower Upper

198 100

51 191.6 6.7 46.7#

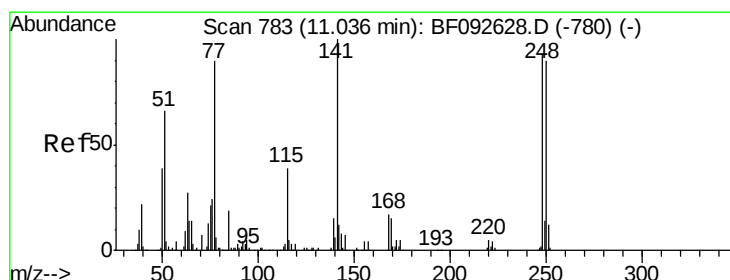
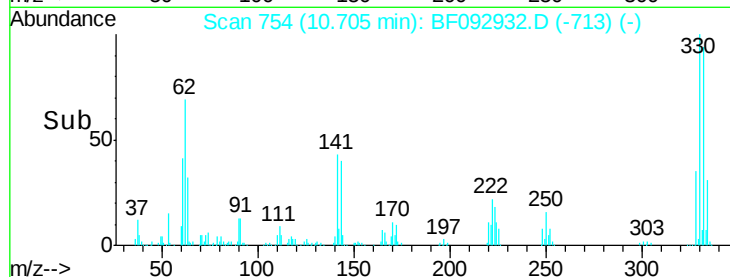
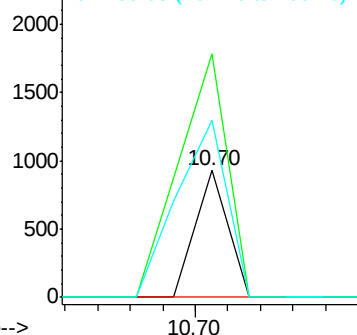
105 139.2 16.6 56.6#



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: 3.69 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092932.D

Acq: 13 Feb 2017 21:40

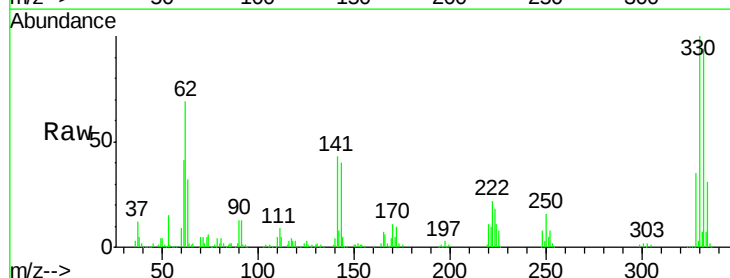
Tgt Ion:248 Resp: 20526

Ion Ratio Lower Upper

248 100

250 196.3 76.9 115.3#

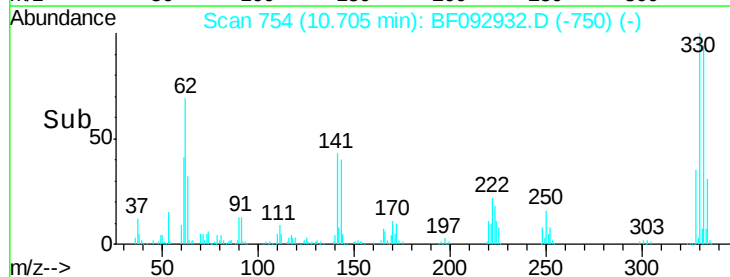
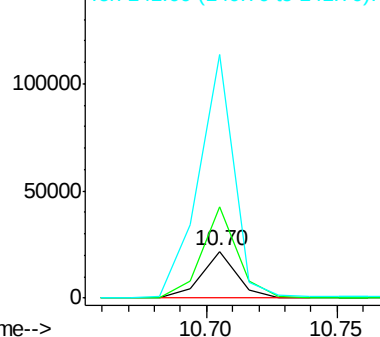
141 522.9 68.2 102.4#

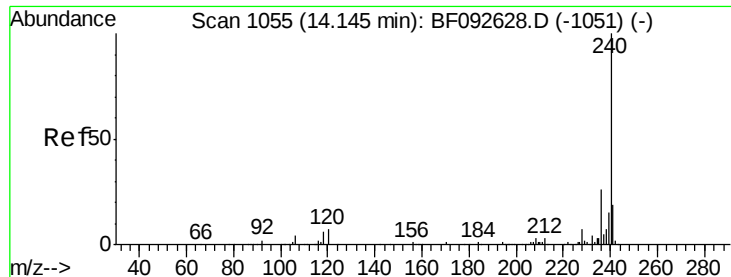


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092932.D

Acq: 13 Feb 2017 21:40

Instrument :

BNA_F

ClientSampleId :

SW-3

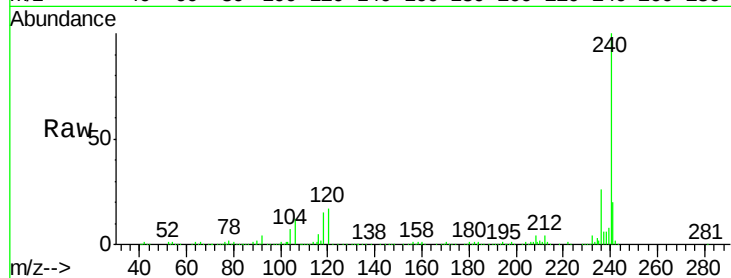
Tgt Ion:240 Resp: 454875

Ion Ratio Lower Upper

240 100

120 17.1 12.9 19.3

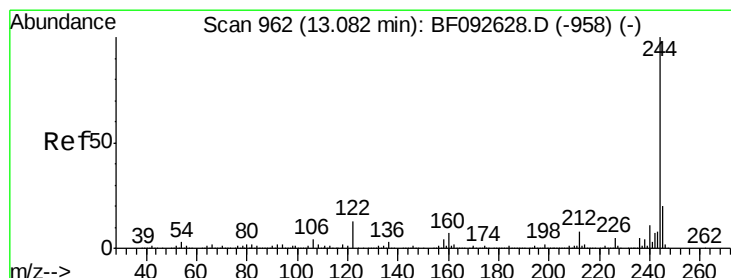
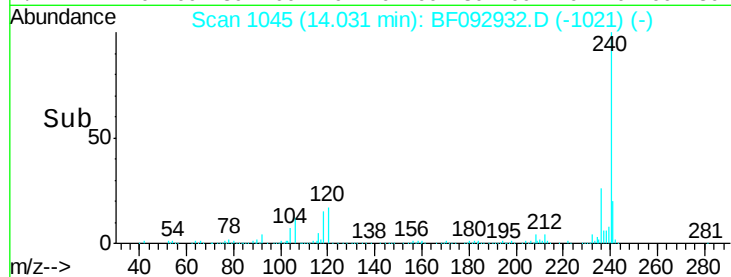
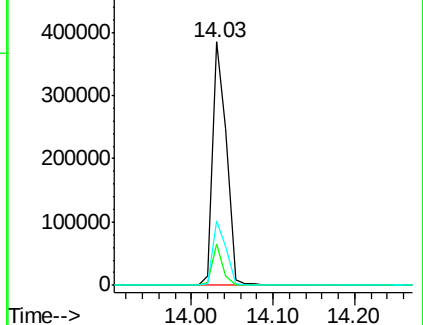
236 26.3 20.9 31.3



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: 74.34 ng

RT: 12.99 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF092932.D

Acq: 13 Feb 2017 21:40

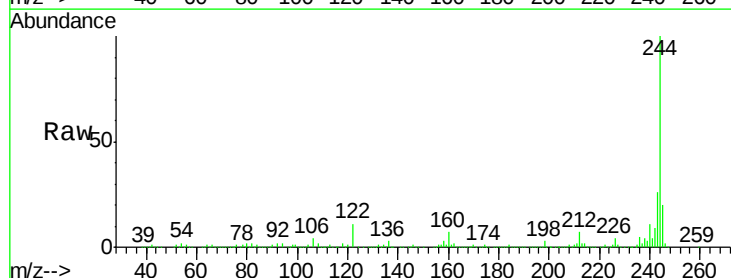
Tgt Ion:244 Resp: 1439108

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

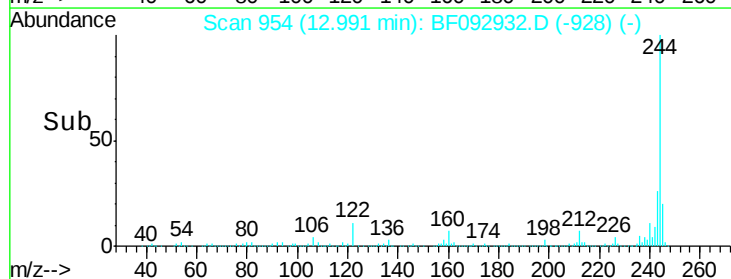
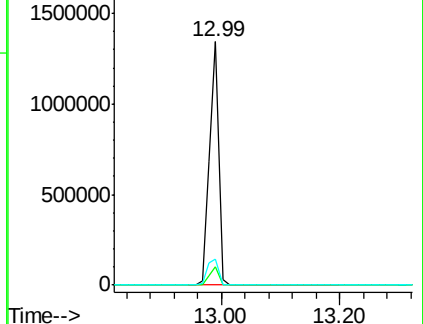
122 10.8 11.4 17.2#

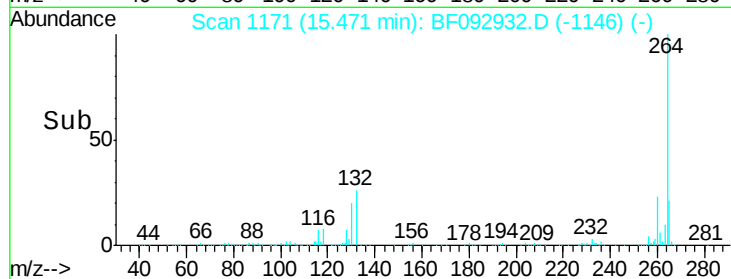
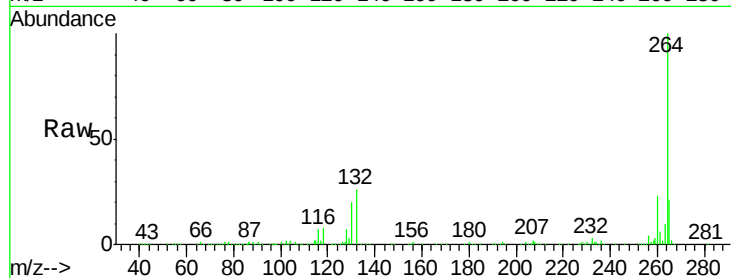
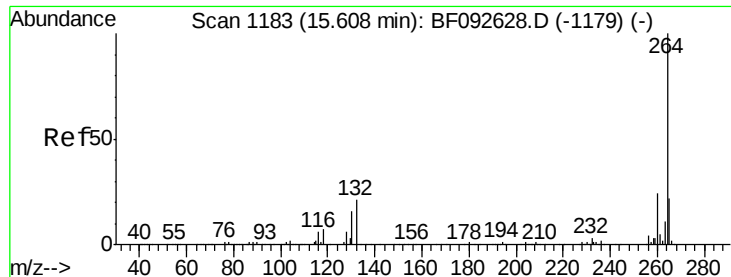


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF092932.D
Acq: 13 Feb 2017 21:40

Instrument :
BNA_F
ClientSampleId :
SW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.4	26.0

