

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092716.D
 Acq On : 1 Feb 2017 20:41
 Operator : SJ/MA
 Sample : I1597-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

Quant Time: Feb 01 23:51:44 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

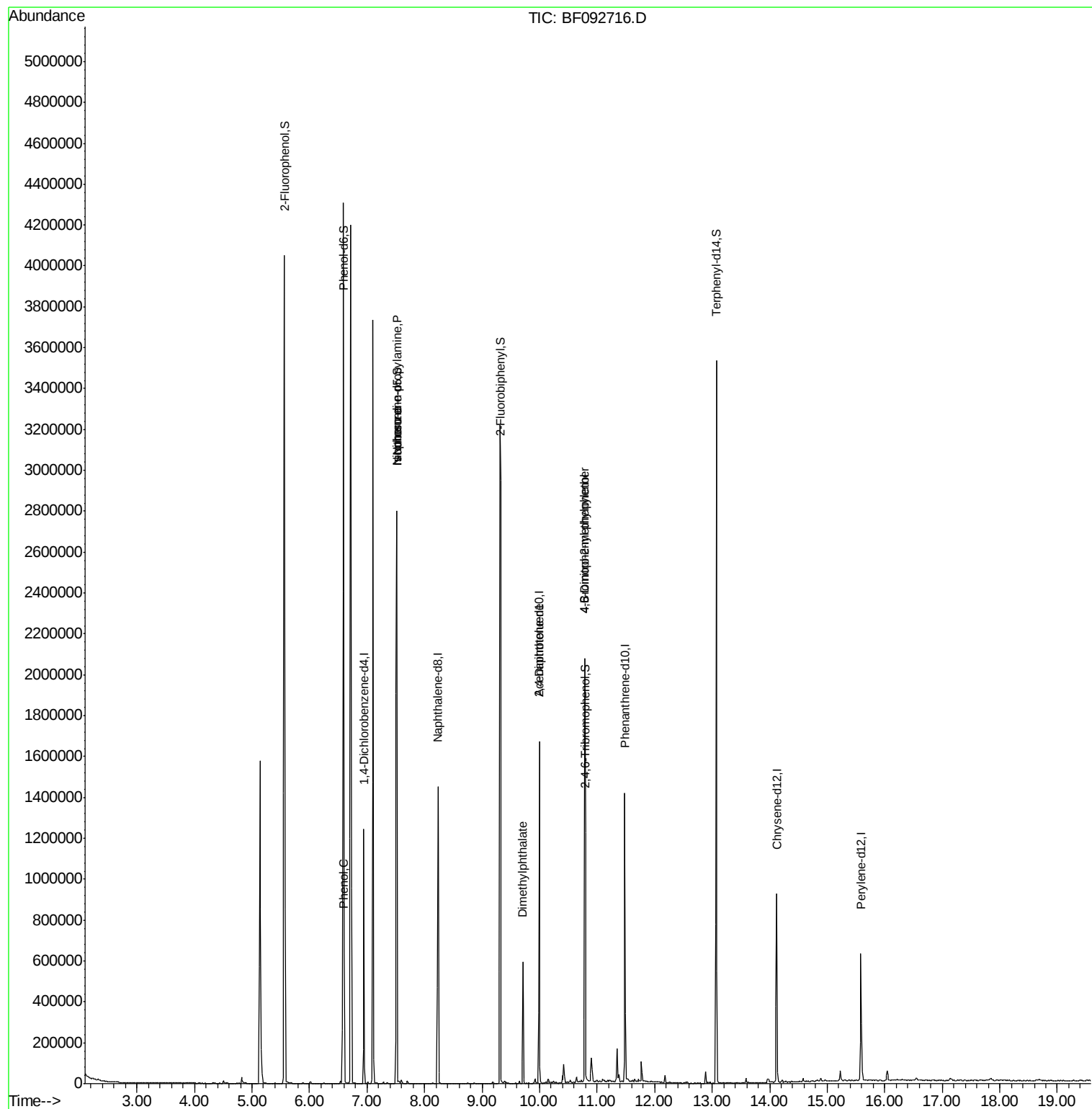
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167003	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	663020	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	342448	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	497473	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	342932	20.00	ng	-0.02
86) Perylene-d12	15.59	264	275139	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1212860	124.60	ng	-0.01
7) Phenol-d6	6.59	99	1659290	132.48	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1150069	96.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	306543	123.77	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1605387	84.93	ng	-0.01
78) Terphenyl-d14	13.07	244	1074632	73.63	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	156796	10.70	ng	# 65
19) n-Nitroso-di-n-propylamine	7.52	70	151089	18.95	ng	# 79
25) Isophorone	7.52	82	1102813	49.71	ng	# 65
49) Dimethylphthalate	9.71	163	228253	9.90	ng	100
56) 2,4-Dinitrotoluene	10.00	165	43958	6.63	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.78	198	519	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	21542	4.14	ng	# 1

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

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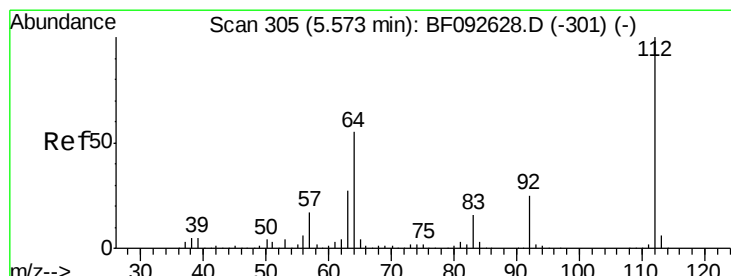
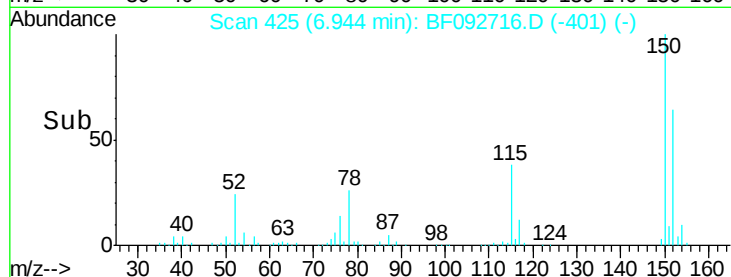
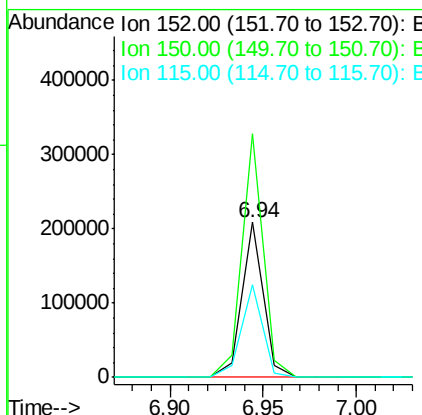
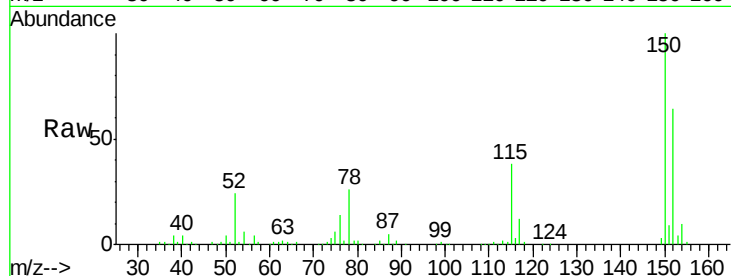


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

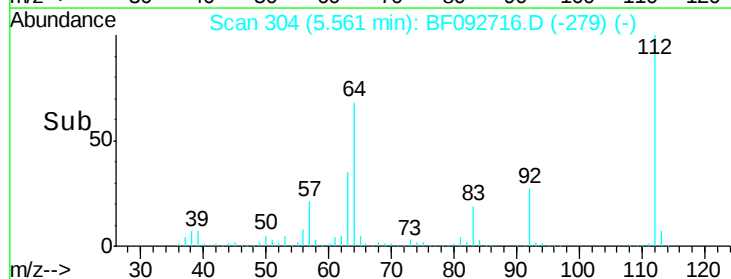
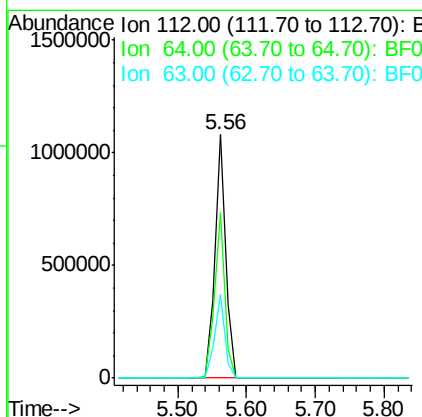
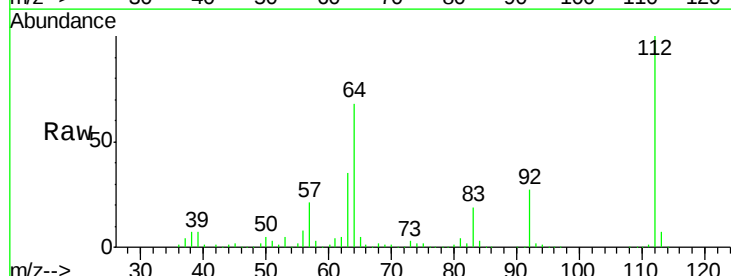
Tgt Ion:152 Resp: 167003
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 59.5 46.0 69.0



#5

2-Fluorophenol
Concen: 124.60 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:112 Resp: 1212860
Ion Ratio Lower Upper
112 100
64 68.1 46.1 69.1
63 34.6 23.8 35.6





#7

Phenol-d6

Concen: 132.48 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

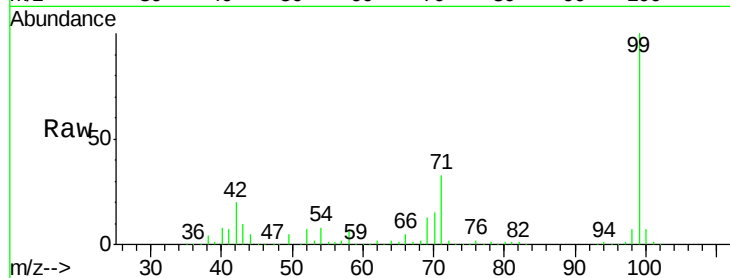
Tgt Ion: 99 Resp: 1659290

Ion Ratio Lower Upper

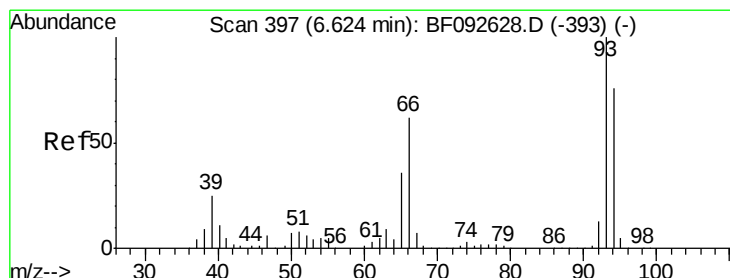
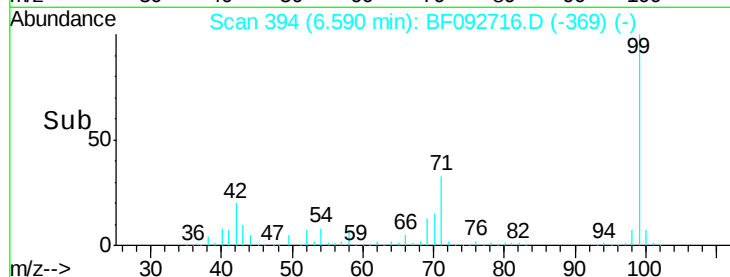
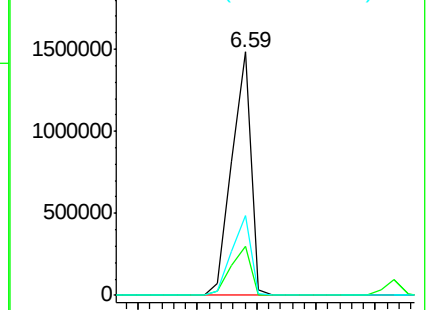
99 100

42 20.2 15.6 23.4

71 32.8 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



#10

Phenol

Concen: 10.70 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

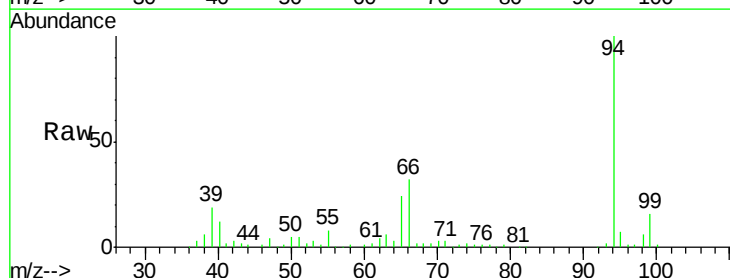
Tgt Ion: 94 Resp: 156796

Ion Ratio Lower Upper

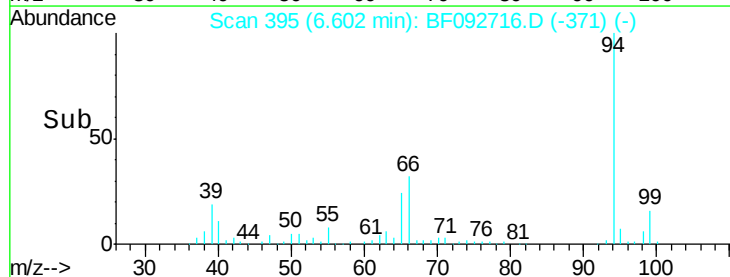
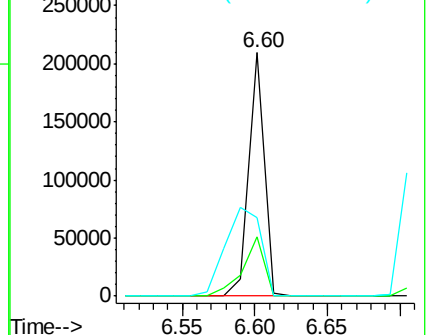
94 100

65 24.4 21.4 61.4

66 32.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

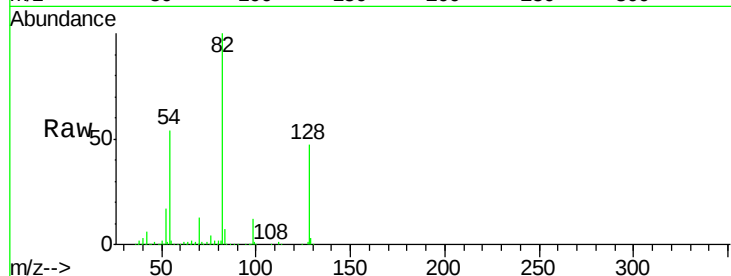




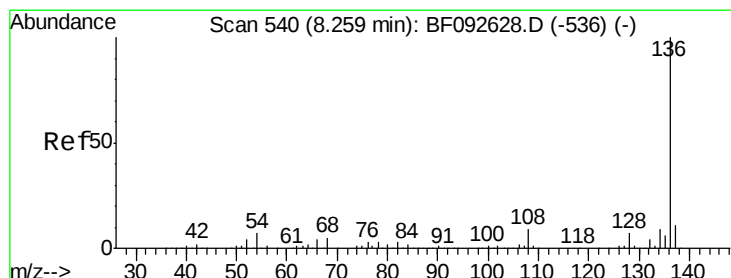
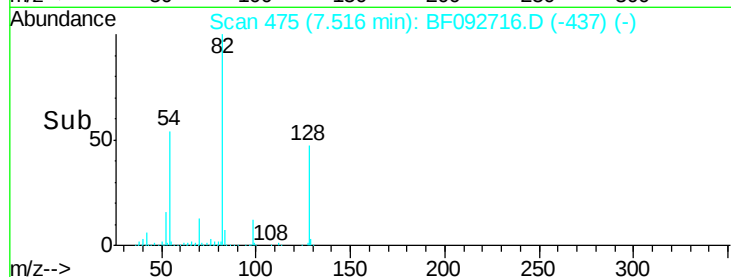
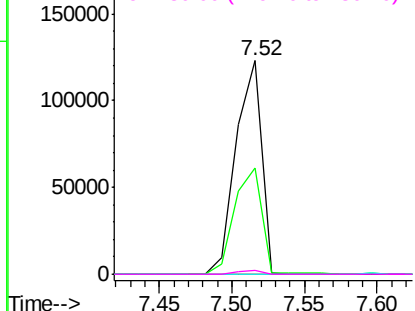
#19
n-Nitroso-di-n-propylamine
Concen: 18.95 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion: 70 Resp: 151089
Ion Ratio Lower Upper
70 100
42 49.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

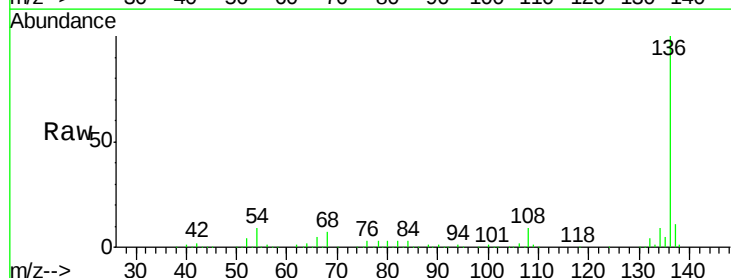


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

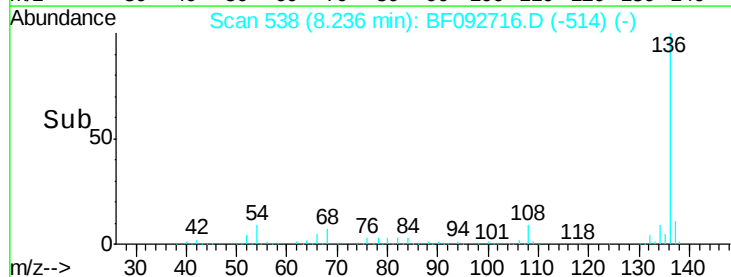
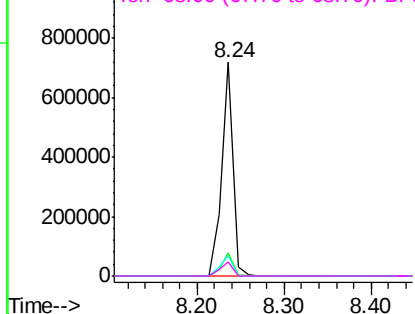


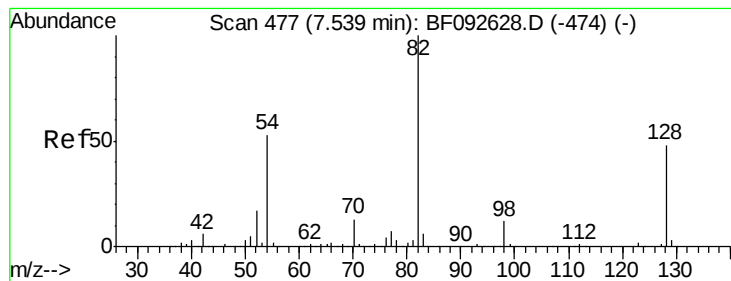
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion: 136 Resp: 663020
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.4 4.5 6.7#
68 6.6 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: 96.59 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

Instrument :

BNA_F

ClientSampleId :

SB-32-COMP

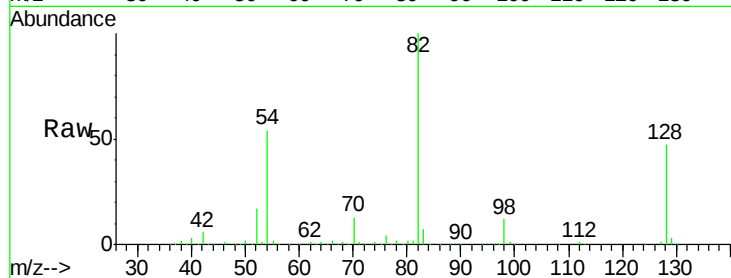
Tgt Ion: 82 Resp: 1150069

Ion Ratio Lower Upper

82 100

128 47.3 34.6 52.0

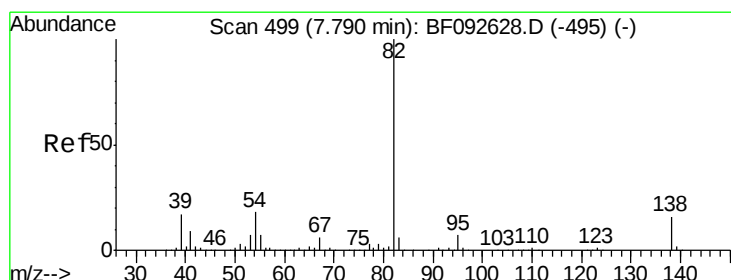
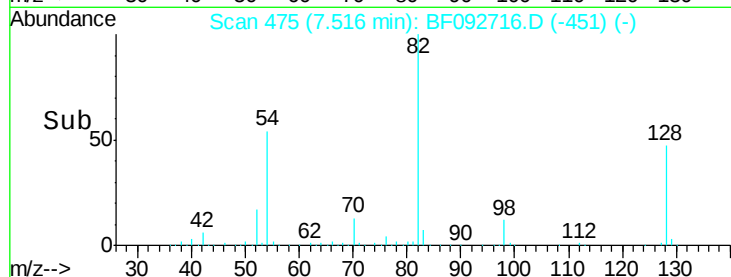
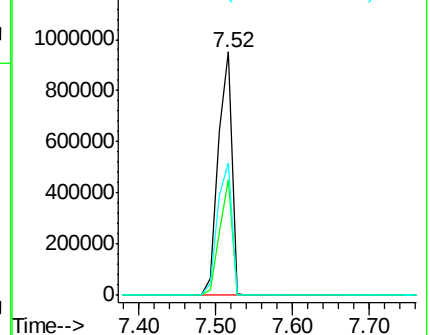
54 54.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 49.71 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

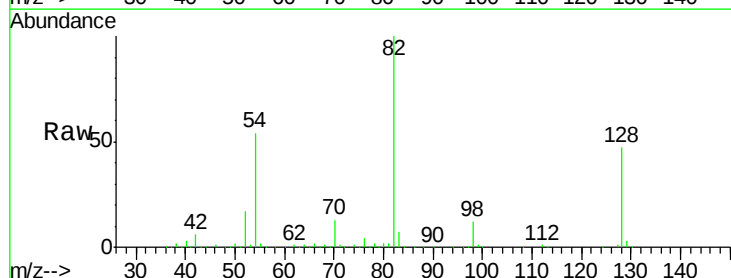
Tgt Ion: 82 Resp: 1102813

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

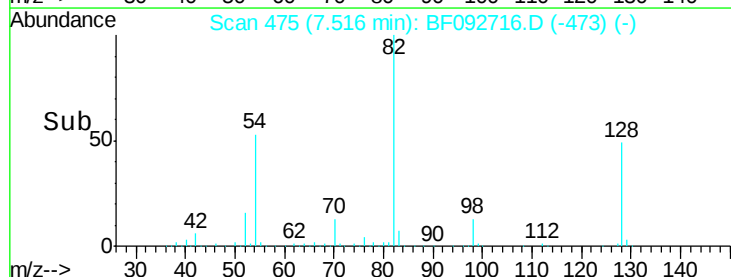
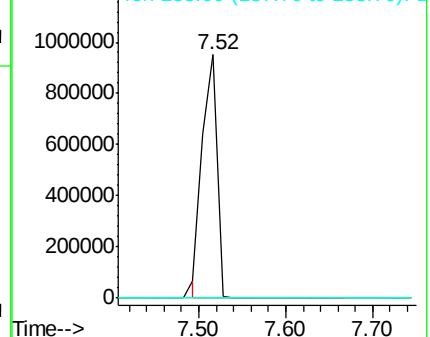
138 0.0 14.6 22.0#



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

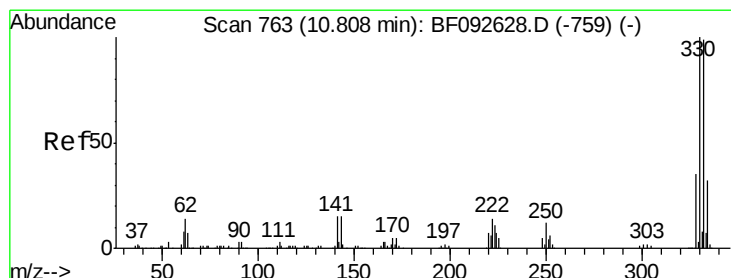
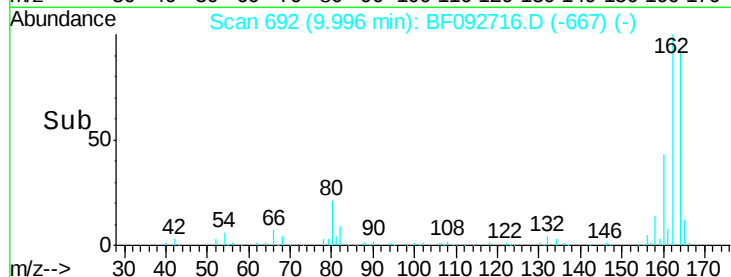
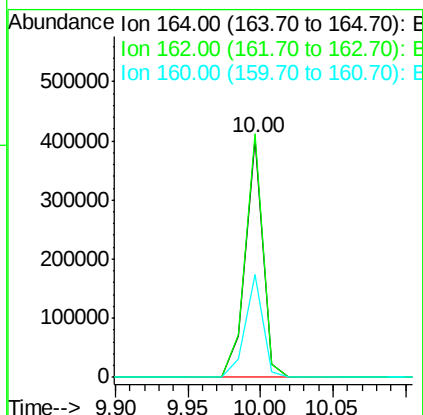
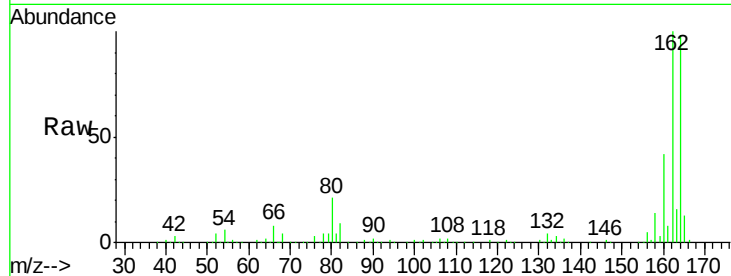




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092716.D
 Acq: 1 Feb 2017 20:41

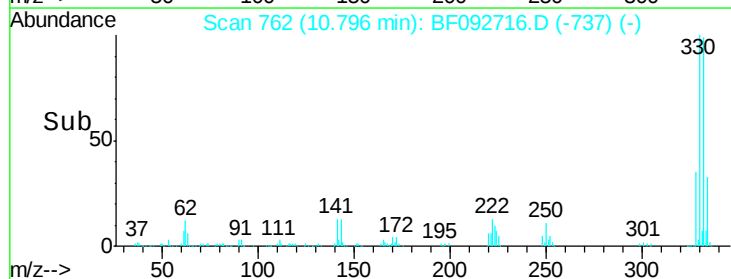
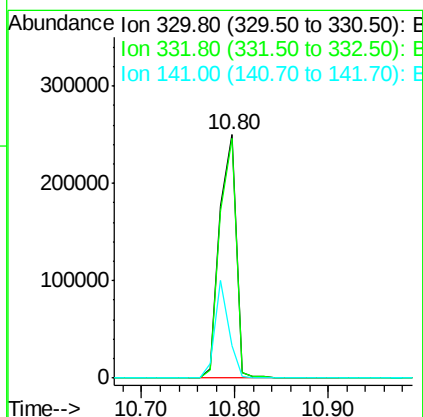
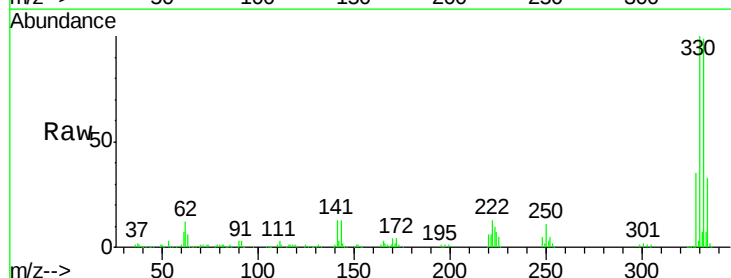
Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

Tgt Ion:164 Resp: 342448
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.2 120.2
 160 43.3 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 123.77 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092716.D
 Acq: 1 Feb 2017 20:41

Tgt Ion:330 Resp: 306543
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 33.9 34.1 51.1#

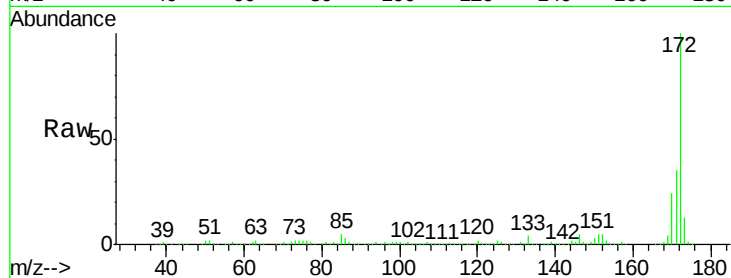




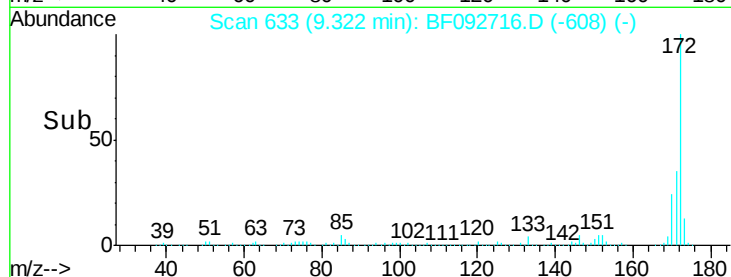
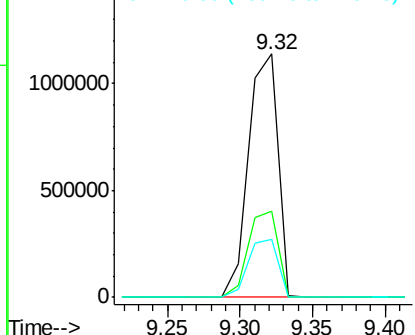
#44
2-Fluorobiphenyl
Concen: 84.93 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:172 Resp: 1605387
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 24.0 20.2 30.4

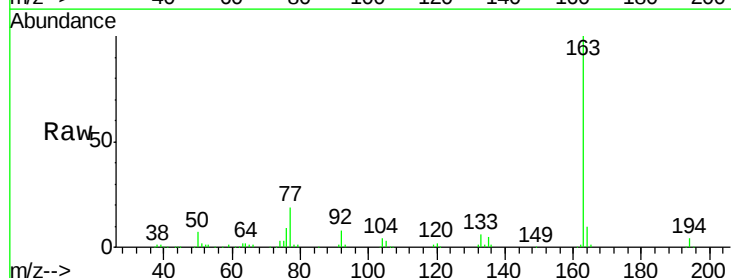


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

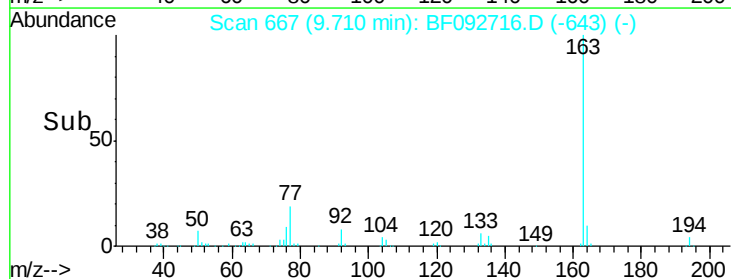
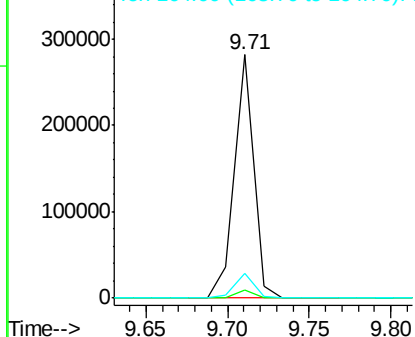


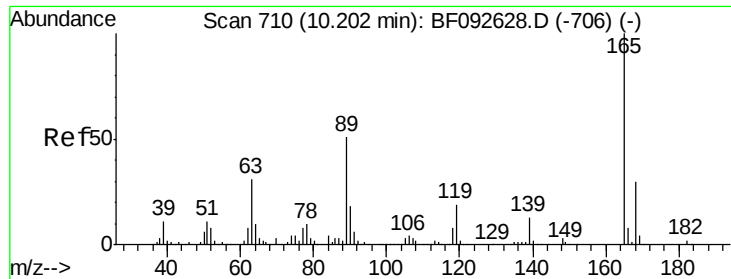
#49
Dimethylphthalate
Concen: 9.90 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:163 Resp: 228253
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 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

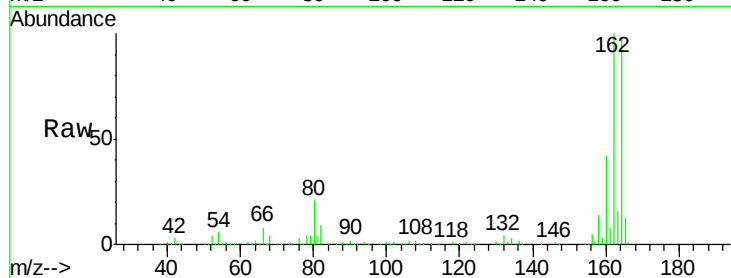




#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092716.D
 Acq: 1 Feb 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-32-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

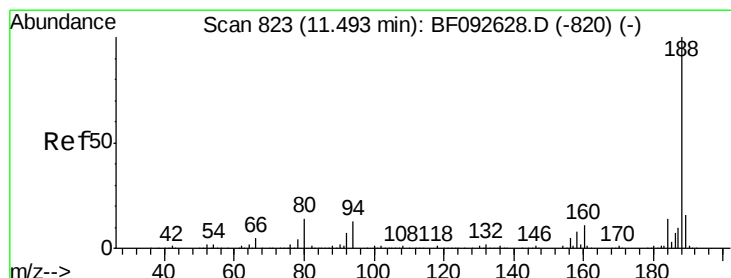
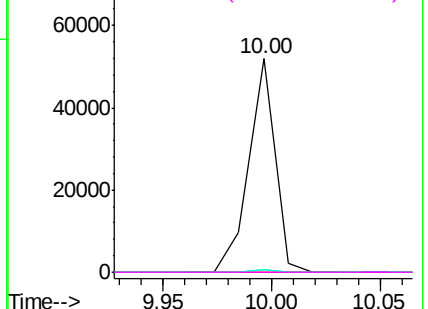
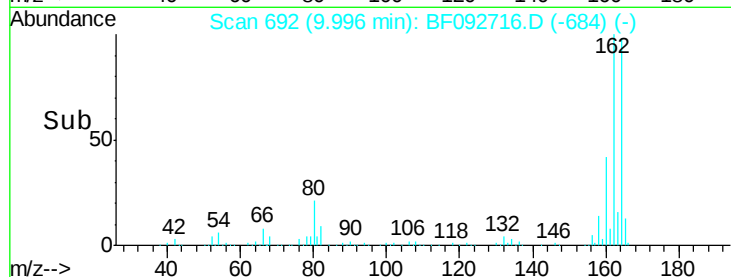


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

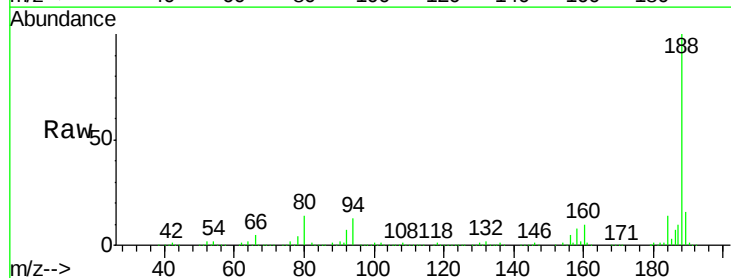
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092716.D
 Acq: 1 Feb 2017 20:41

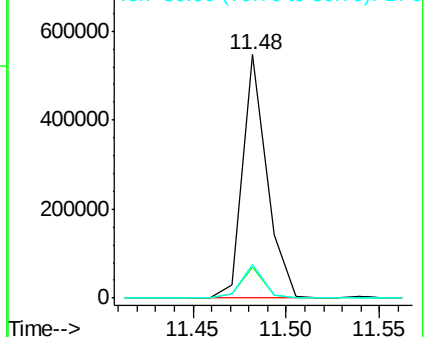
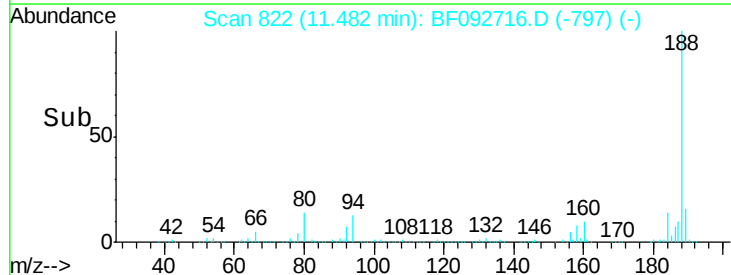
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.0	15.0
80	13.7	11.2	16.8

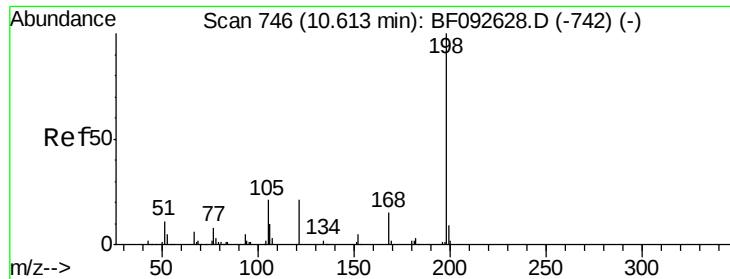


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.83 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092716.D

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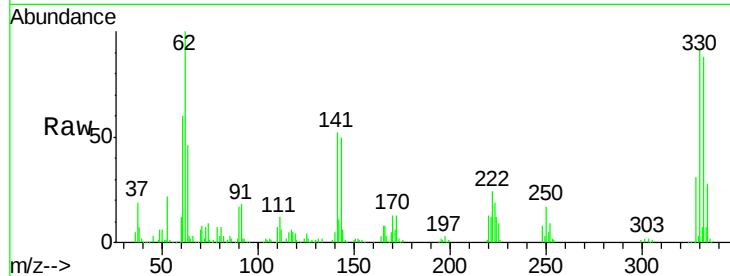
Tgt Ion:198 Resp: 519

Ion Ratio Lower Upper

198 100

51 229.5 6.7 46.7#

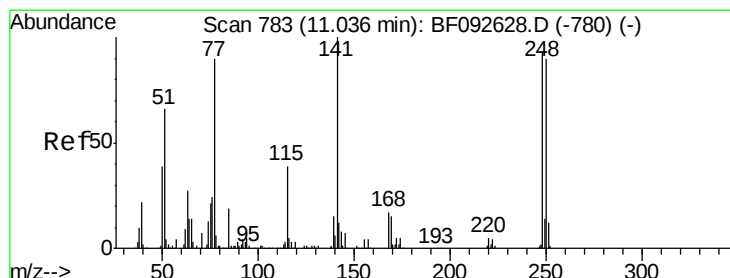
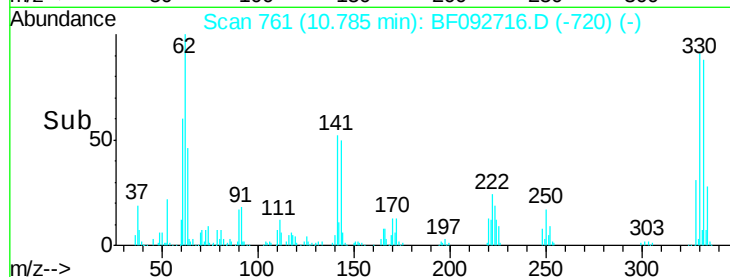
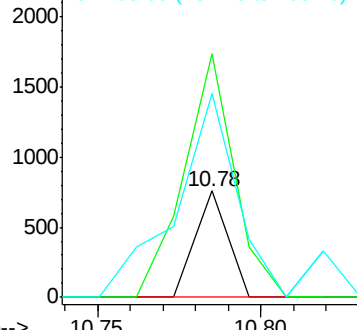
105 191.7 16.6 56.6#



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: 4.14 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092716.D

Acq: 1 Feb 2017 20:41

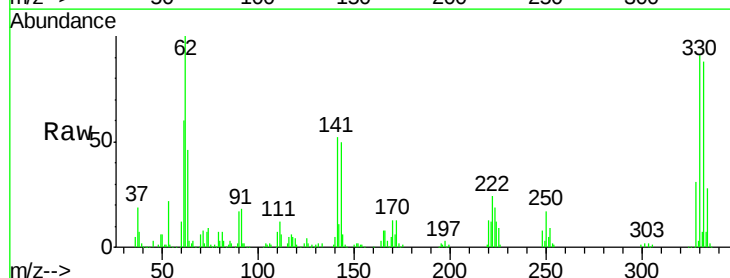
Tgt Ion:248 Resp: 21542

Ion Ratio Lower Upper

248 100

250 197.8 76.9 115.3#

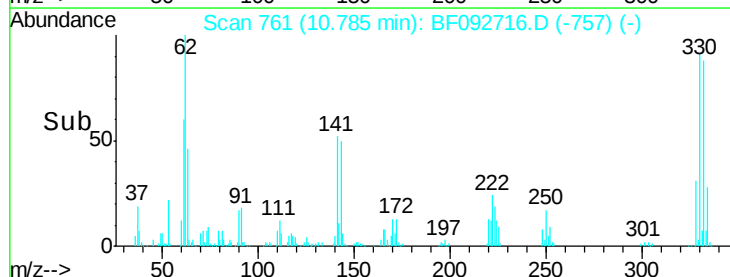
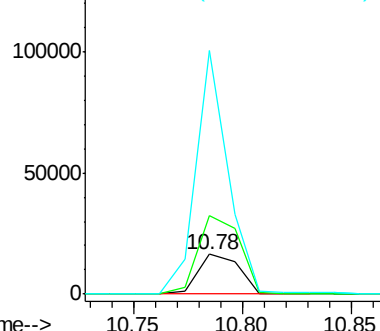
141 610.9 68.2 102.4#

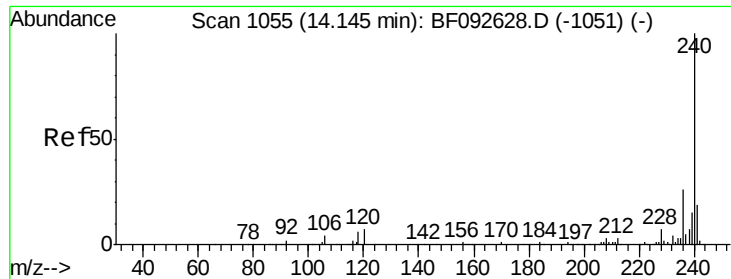


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

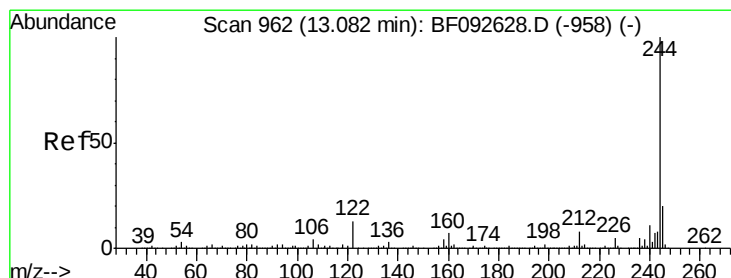
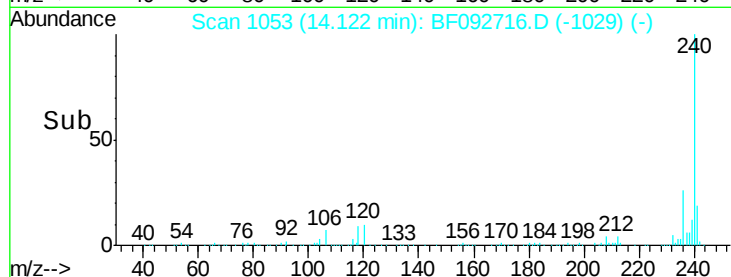
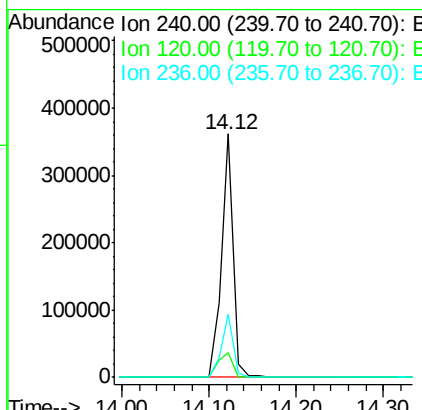
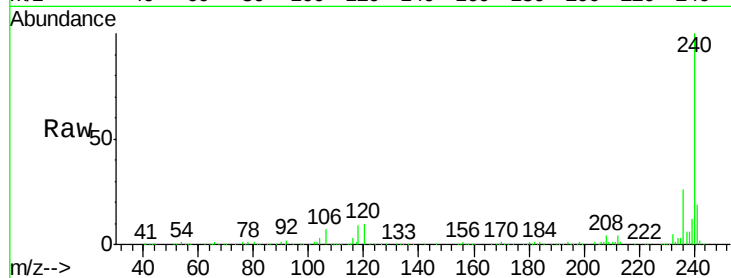




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

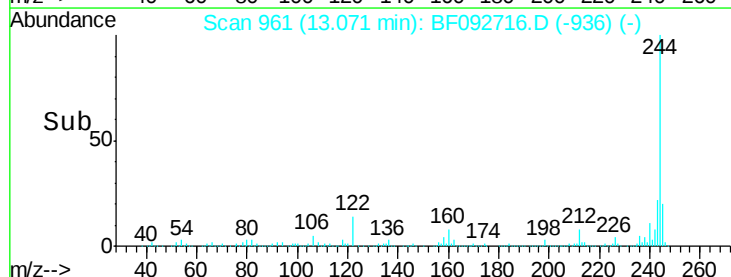
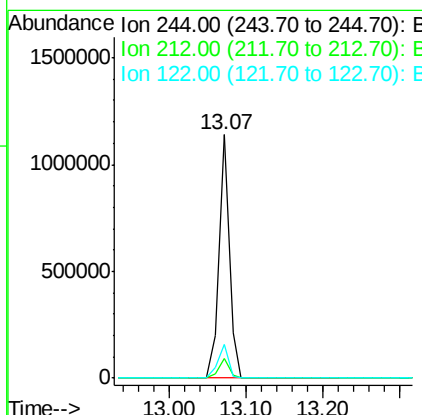
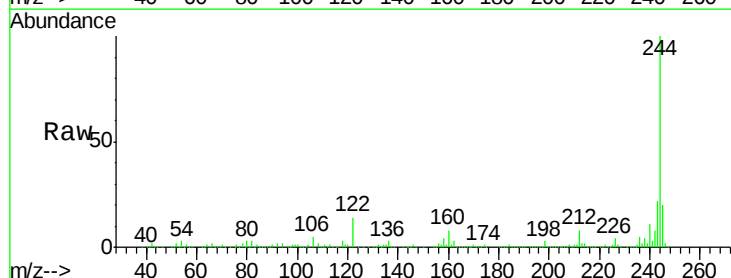
Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

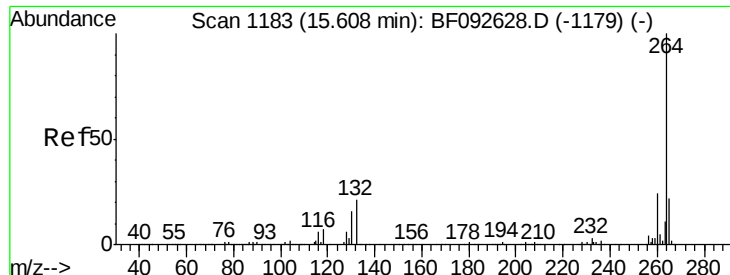
Tgt Ion: 240 Resp: 342932
Ion Ratio Lower Upper
240 100
120 10.3 12.9 19.3#
236 25.9 20.9 31.3



#78
Terphenyl-d14
Concen: 73.63 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion: 244 Resp: 1074632
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 13.6 11.4 17.2

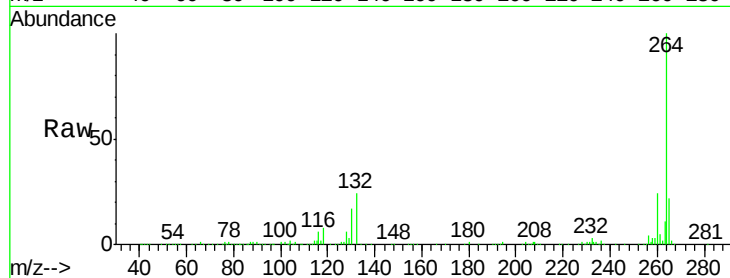




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0



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

