

Data Path : Z:\HPCHEM1\BNA F\Data\BF013017\
 Data File : BF092674.D
 Acq On : 31 Jan 2017 10:50
 Operator : SJ/MA
 Sample : I1551-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Quant Time: Jan 31 11:17:25 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

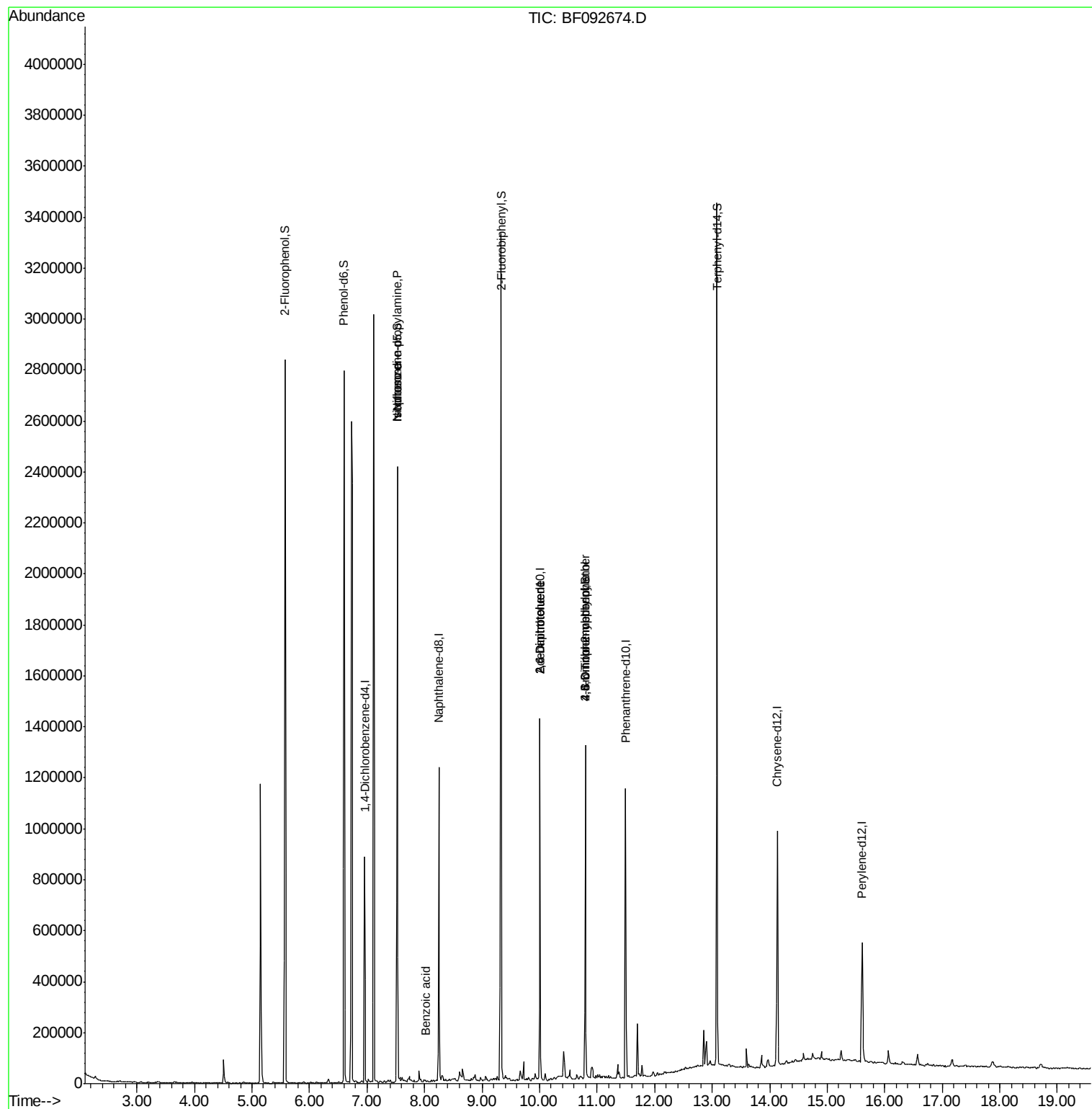
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	148869	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	558915	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	295640	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	393605	20.00	ng	0.00
75) Chrysene-d12	14.13	240	316048	20.00	ng	-0.01
86) Perylene-d12	15.61	264	221785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	810734	93.43	ng	0.00
7) Phenol-d6	6.60	99	911927	81.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	843939	84.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	134471	62.89	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1605634	98.39	ng	0.00
78) Terphenyl-d14	13.08	244	1054455	78.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	114512	16.11	ng	# 84
25) Isophorone	7.53	82	832825	44.53	ng	# 65
32) Benzoic acid	8.02	122	497	7.25	ng	# 29
50) 2,6-Dinitrotoluene	10.01	165	36888	8.58	ng	# 30
56) 2,4-Dinitrotoluene	10.01	165	36882	6.44	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	216	2.75	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	10716	2.61	ng	# 1

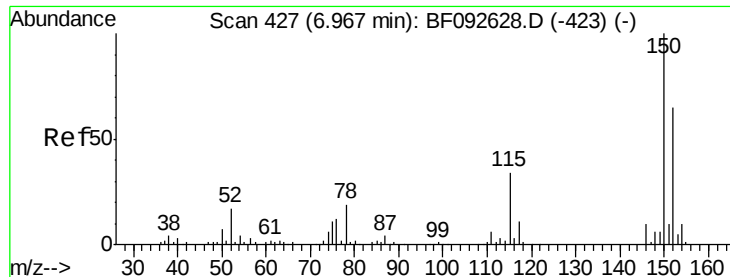
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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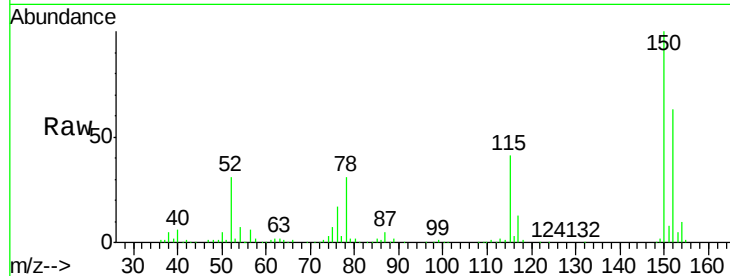


#1

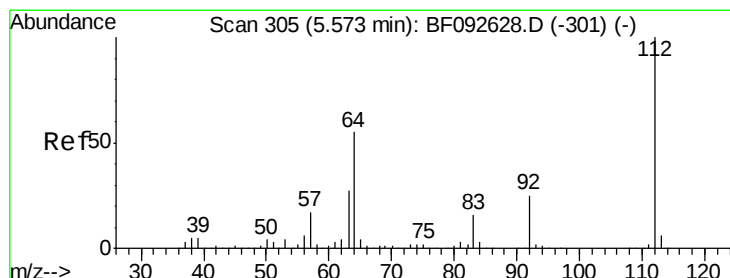
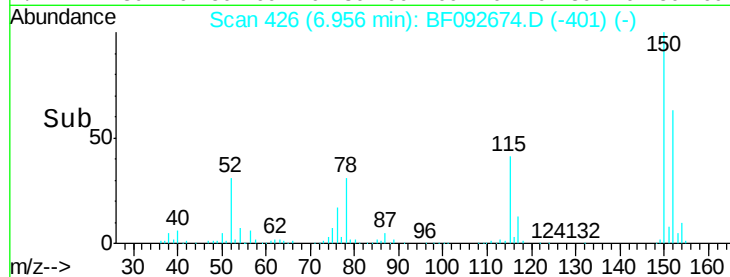
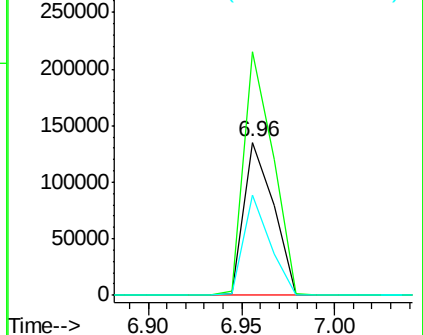
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

Instrument :
BNA_F
ClientSampled :
W-16

Tot Ion:152 Resp: 148869
Ion Ratio Lower Upper
152 100
150 159.0 124.9 187.3
115 65.5 46.0 69.0



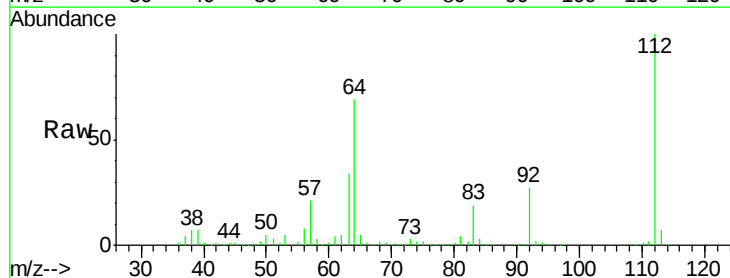
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



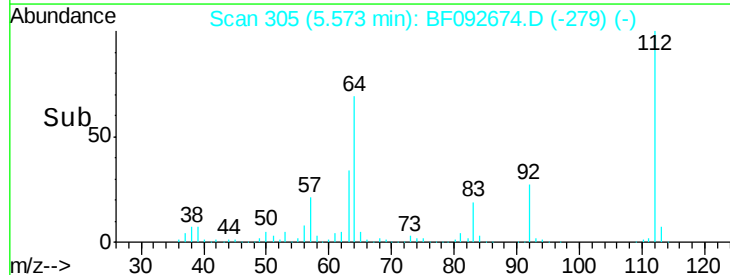
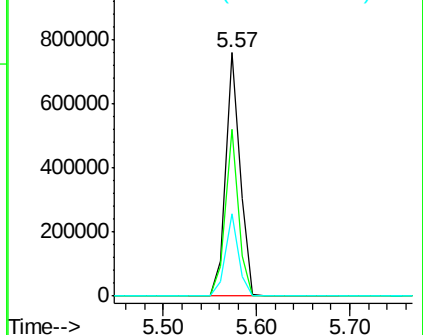
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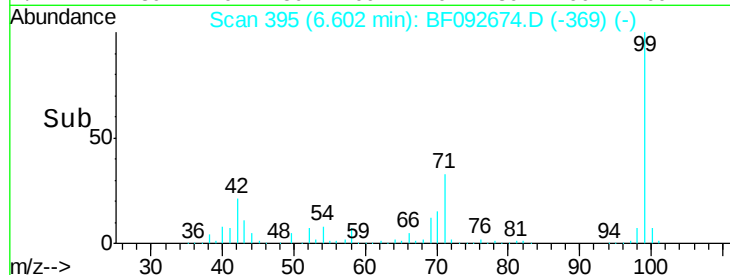
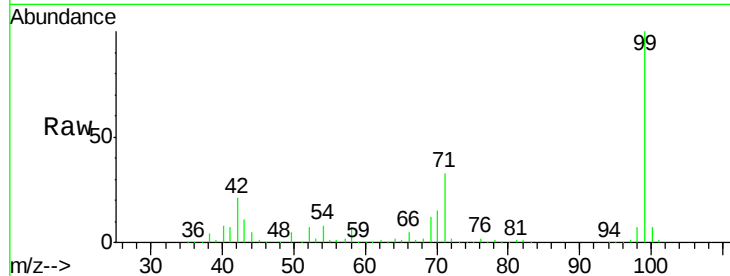
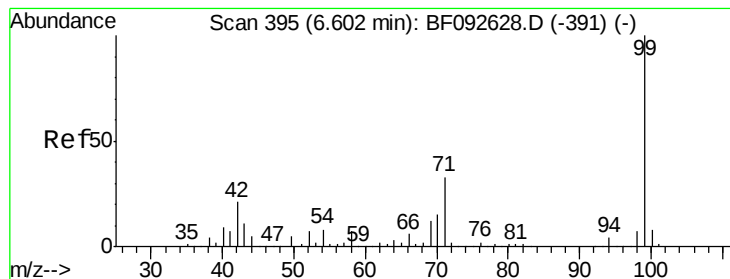
2-Fluorophenol
Concen: 93.43 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

Tgt Ion:112 Resp: 810734
Ion Ratio Lower Upper
112 100
64 68.6 46.1 69.1
63 34.0 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: 81.68 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Instrument :

BNA_F

ClientSampleId :

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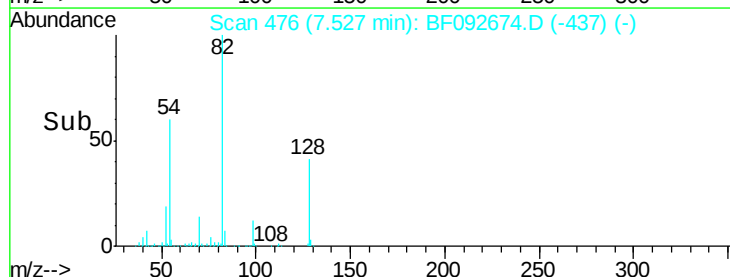
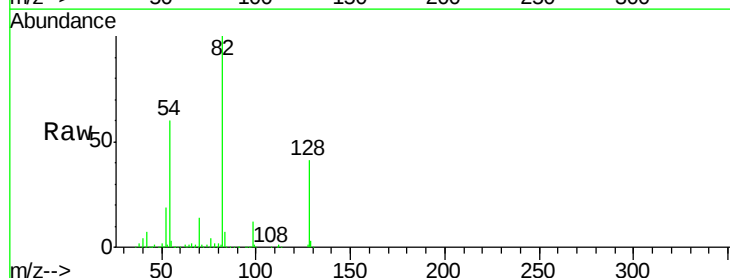
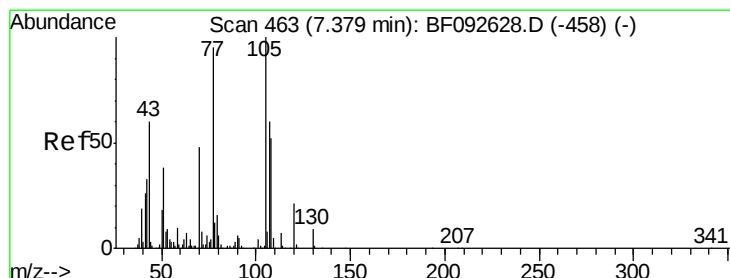
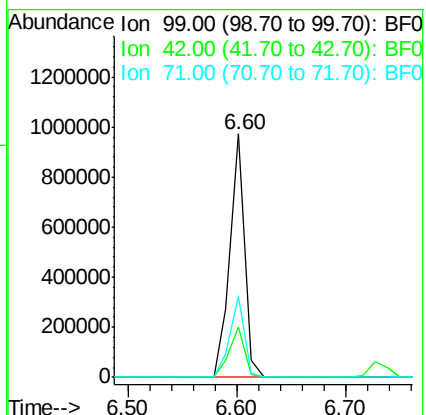
Tot Ion: 99 Resp: 911927

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

71 33.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.11 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Tgt Ion: 70 Resp: 114512

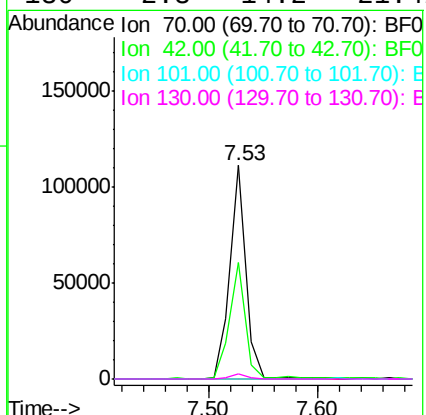
Ion Ratio Lower Upper

70 100

42 54.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

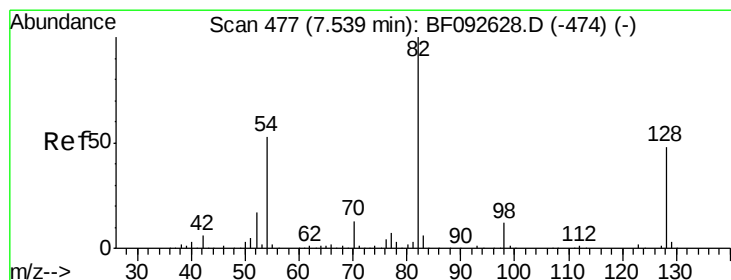
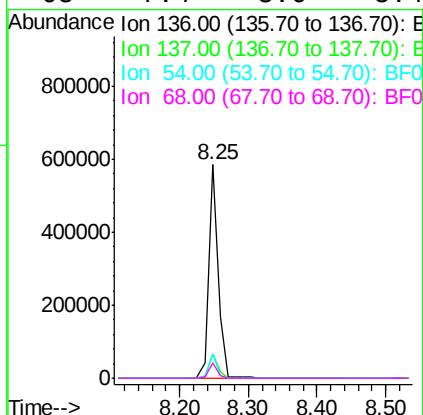
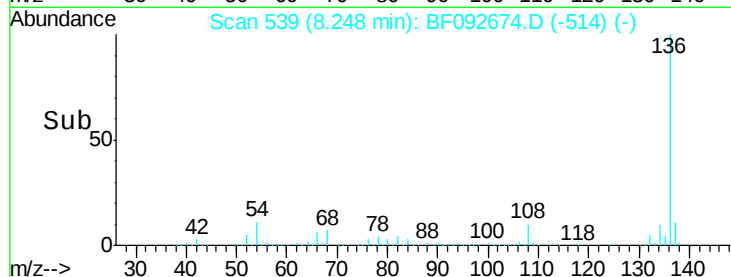
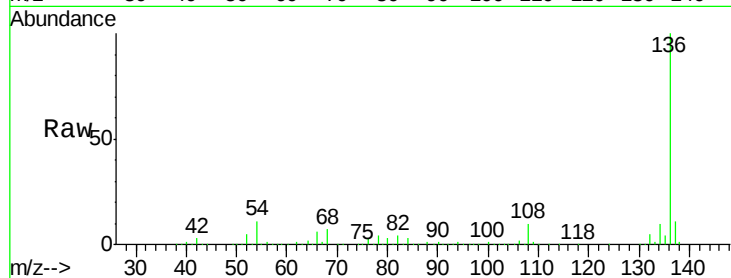




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

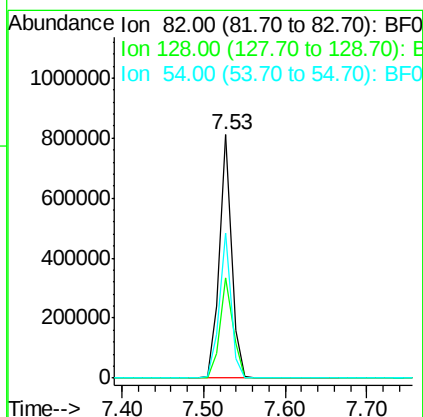
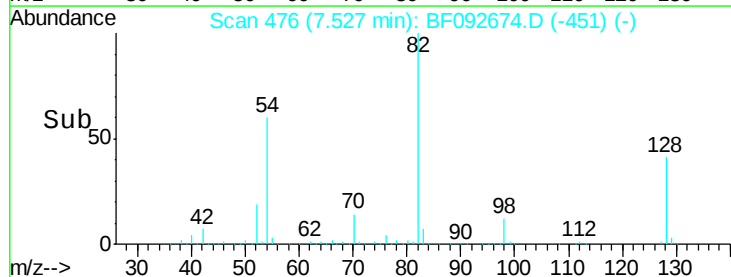
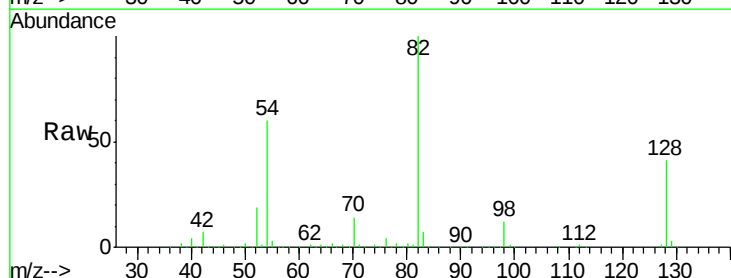
Instrument :
BNA_F
ClientSampleId :
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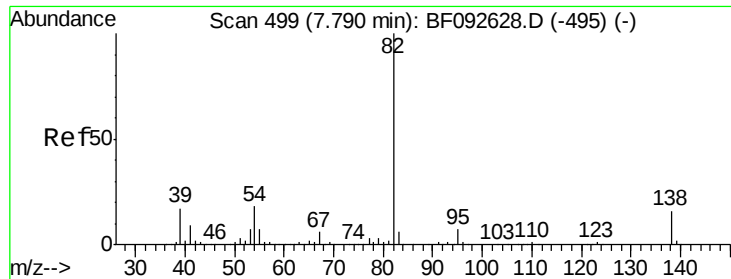
Tot Ion:136	Resp:	558915
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	11.2	4.5 6.7#
68	7.4	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 84.09 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

Tgt Ion: 82	Resp:	843939
Ion Ratio	Lower	Upper
82	100	
128	41.1	34.6 52.0
54	59.5	39.5 59.3#

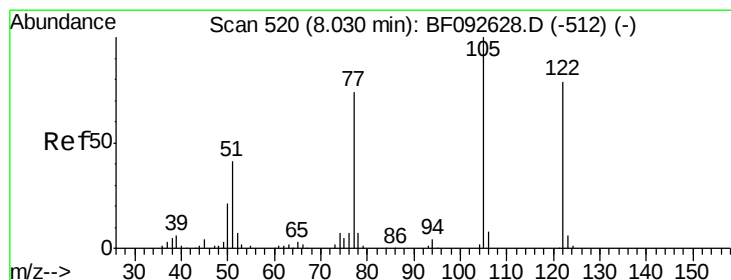
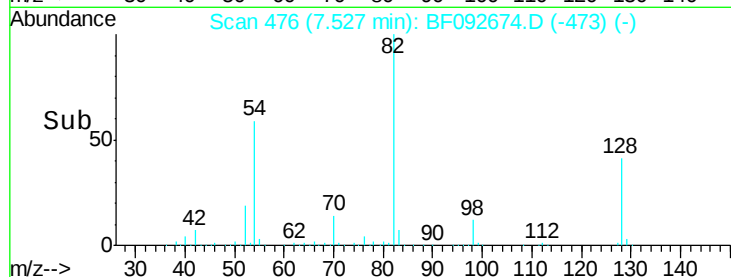
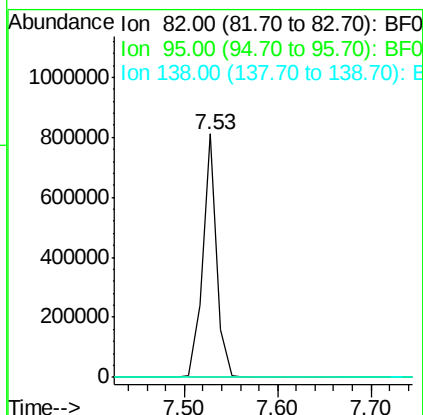
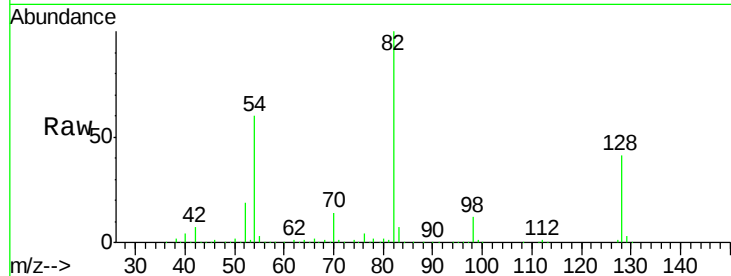




#25
Isophorone
Concen: 44.53 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.26 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

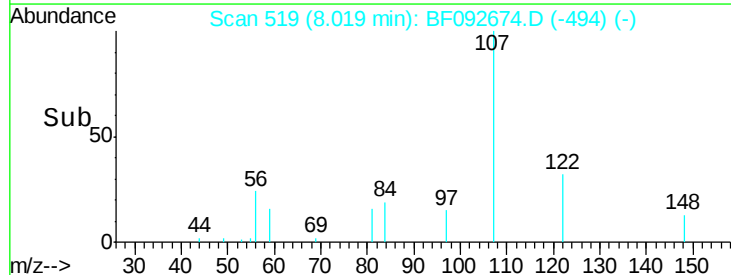
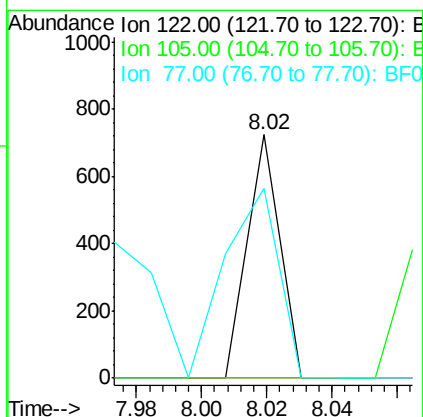
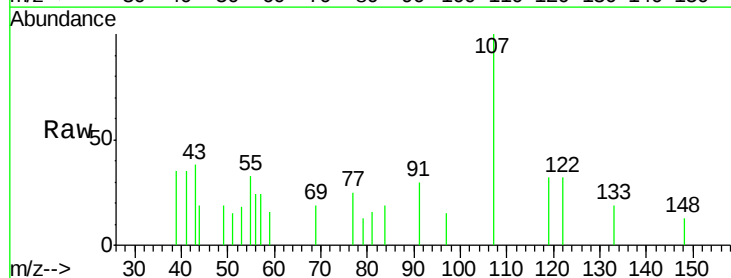
Instrument :
BNA_F
ClientSampleId :
W-16

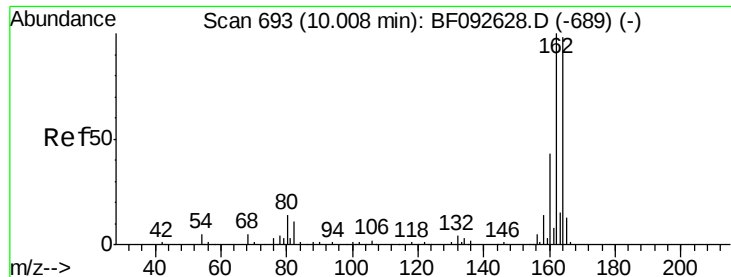
Tot Ion: 82 Resp: 832825
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.25 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

Tgt Ion: 122 Resp: 497
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 77.9 74.5 114.5

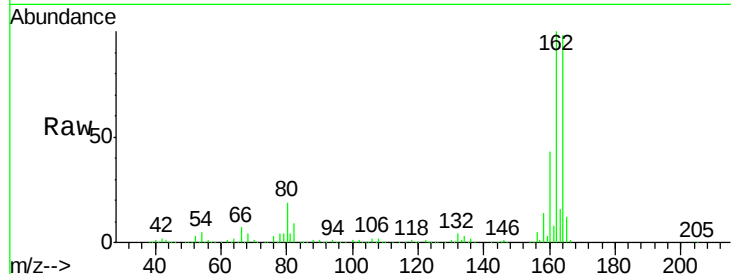




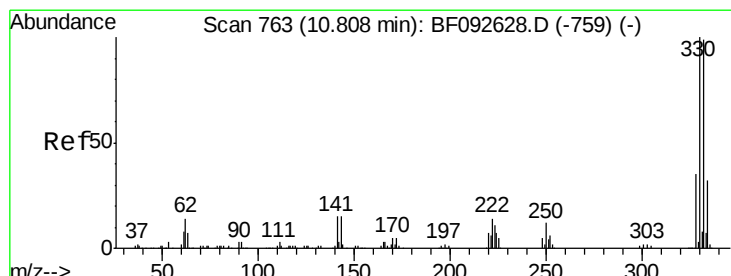
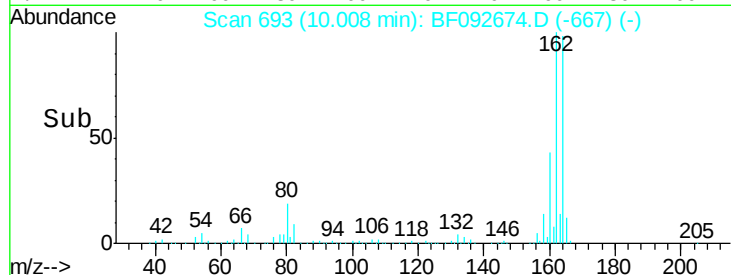
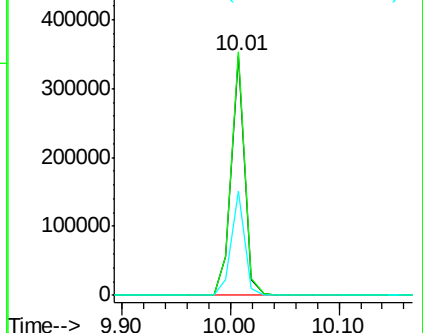
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

Instrument :
BNA_F
ClientSampleId :
W-16

Tot Ion:164 Resp: 295640
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 43.4 36.9 55.3

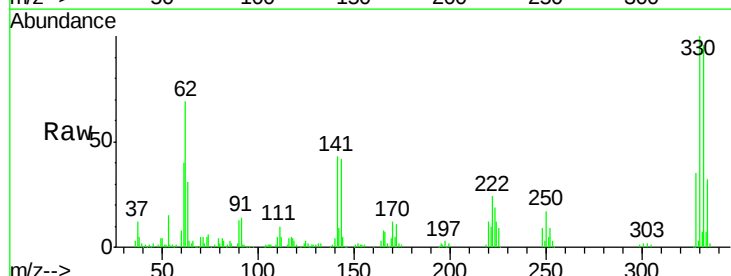


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

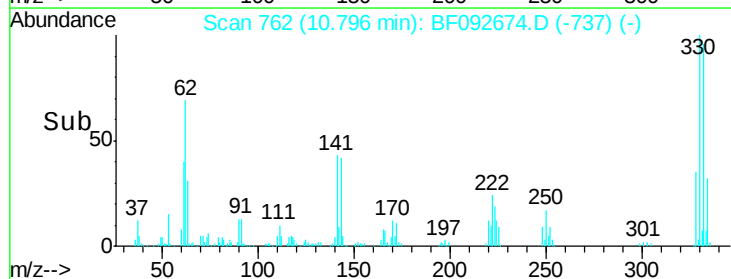
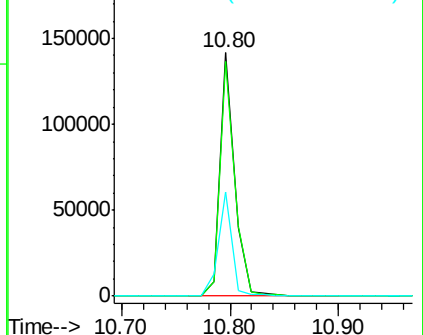


#41
2,4,6-Tribromophenol
Concen: 62.89 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

Tgt Ion:330 Resp: 134471
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.2
141 40.5 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

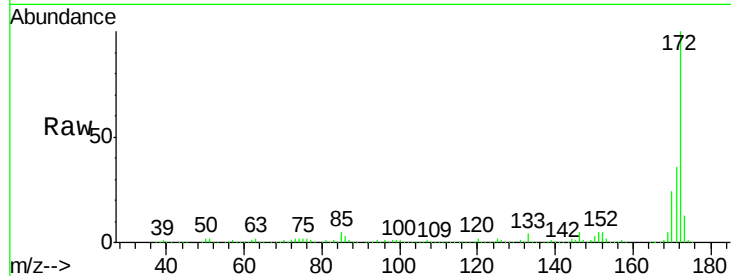




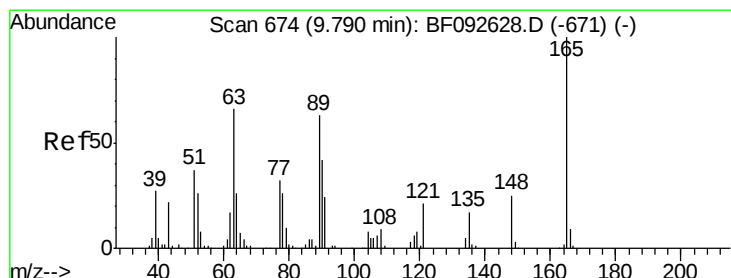
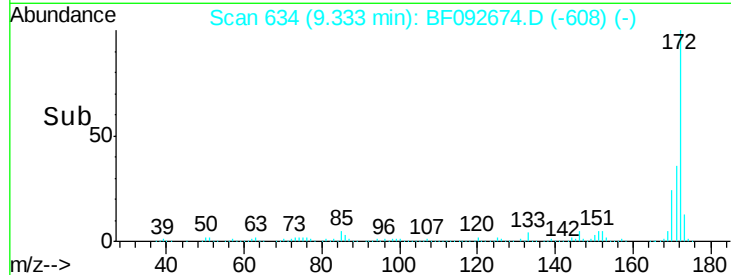
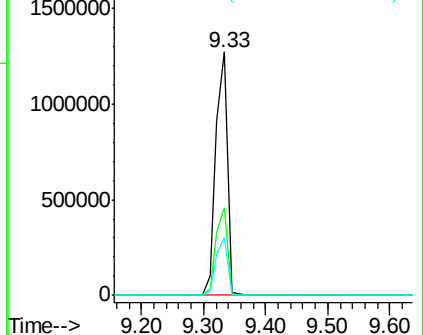
#44
 2-Fluorobiphenyl
 Concen: 98.39 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092674.D
 Acq: 31 Jan 2017 10:50

Instrument :
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 ClientSampleId :
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Tot Ion:172 Resp: 1605634
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.7 20.2 30.4

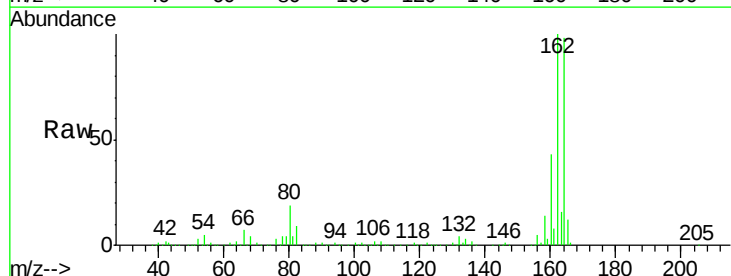


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

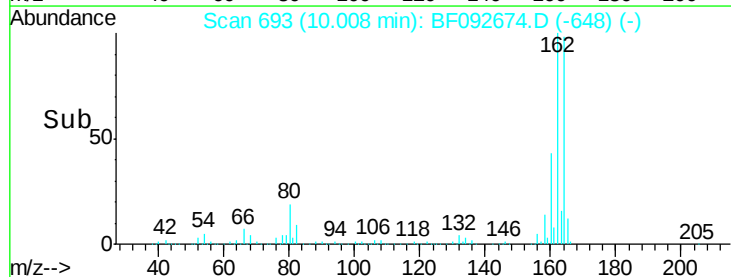
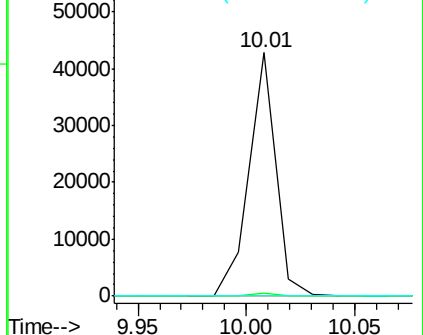


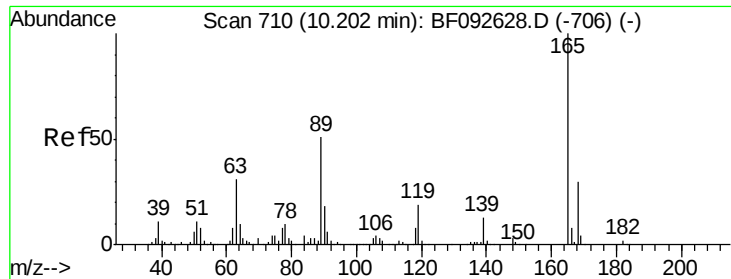
#50
 2,6-Dinitrotoluene
 Concen: 8.58 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.22 min
 Lab File: BF092674.D
 Acq: 31 Jan 2017 10:50

Tgt Ion:165 Resp: 36888
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 0.0 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

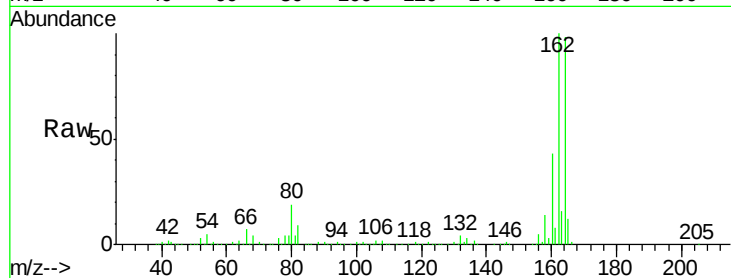




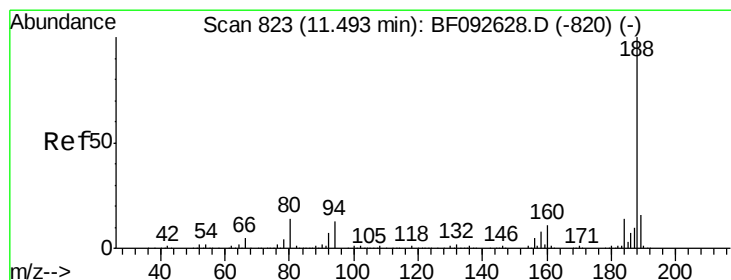
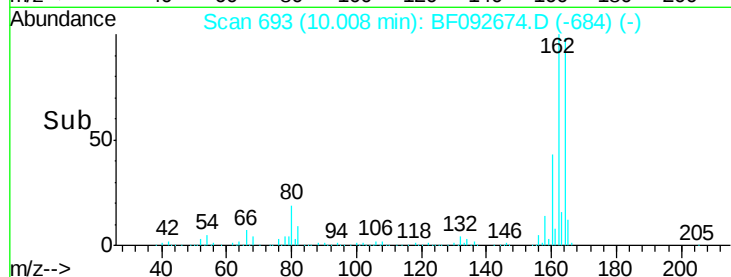
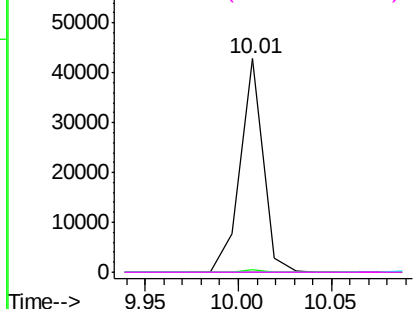
#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.19 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

Instrument :
BNA_F
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Tot Ion:165 Resp: 36882
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 0.0 62.5 93.7#
182 0.0 1.8 2.8#

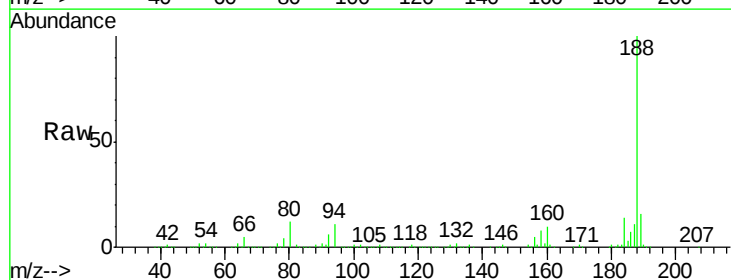


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

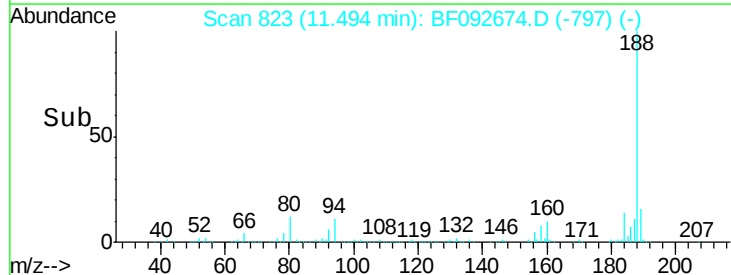
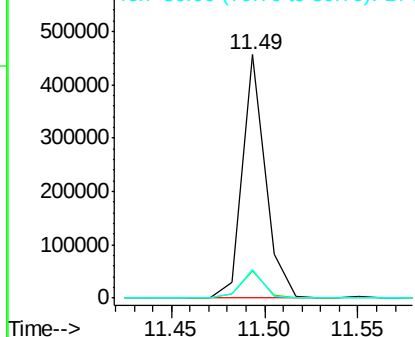


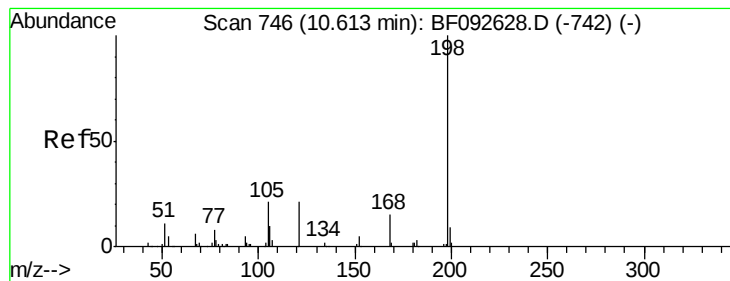
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092674.D
Acq: 31 Jan 2017 10:50

Tgt Ion:188 Resp: 393605
Ion Ratio Lower Upper
188 100
94 11.2 10.0 15.0
80 11.9 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: 2.75 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Instrument :

BNA_F

ClientSampleId :

W-16

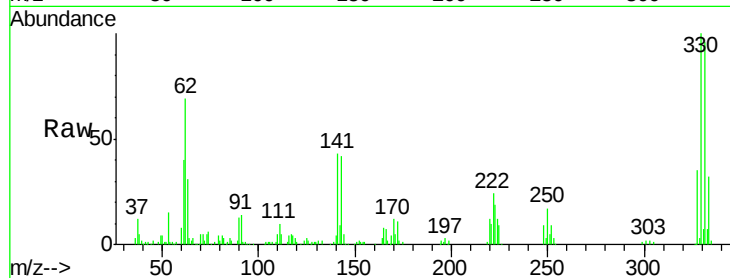
Tot Ion:198 Resp: 216

Ion Ratio Lower Upper

198 100

51 302.2 6.7 46.7#

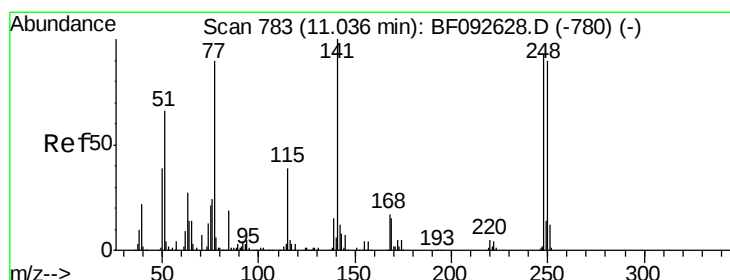
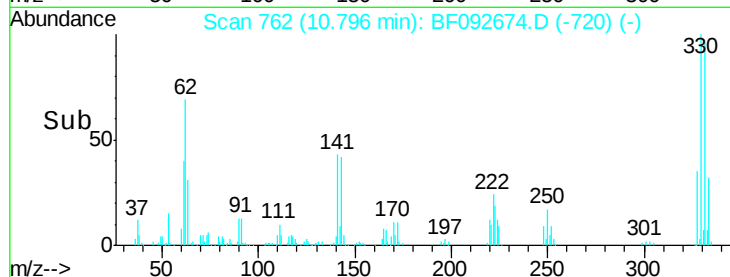
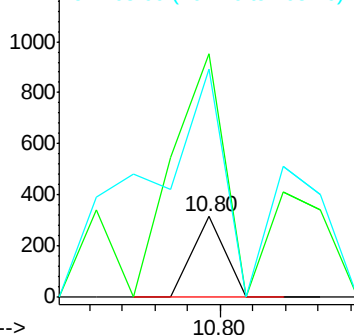
105 283.5 16.6 56.6#



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: 2.61 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

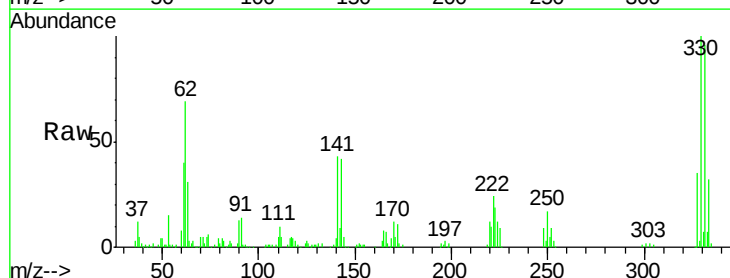
Tgt Ion:248 Resp: 10716

Ion Ratio Lower Upper

248 100

250 189.3 76.9 115.3#

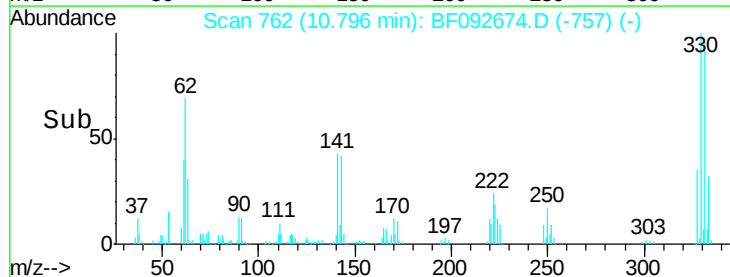
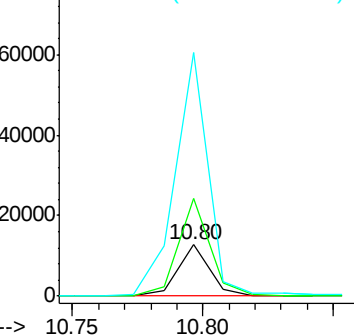
141 472.5 68.2 102.4#

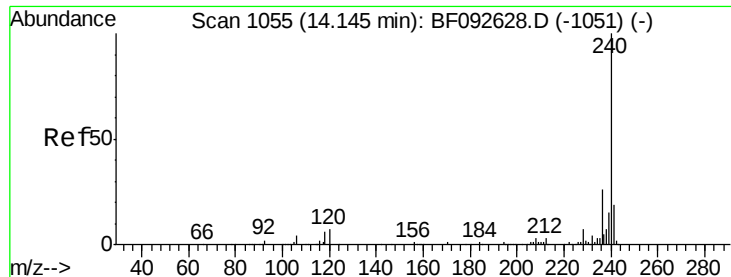


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

Instrument :

BNA_F

ClientSampleId :

W-16

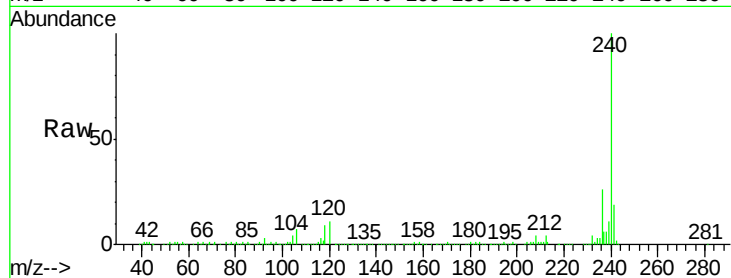
Tot Ion:240 Resp: 316048

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

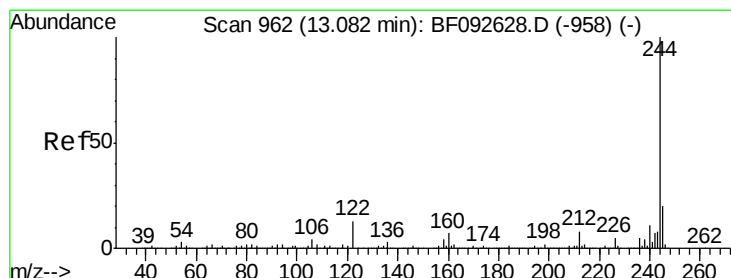
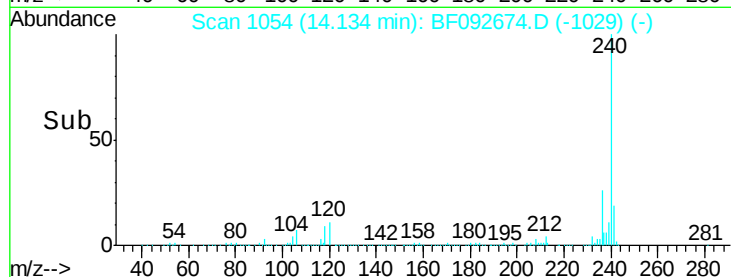
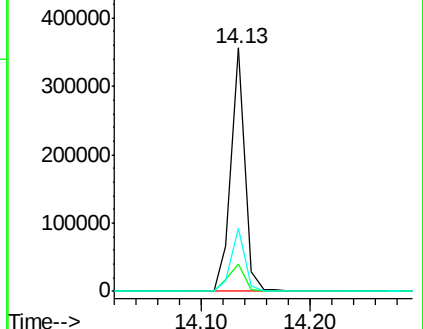
236 25.8 20.9 31.3



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: 78.39 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092674.D

Acq: 31 Jan 2017 10:50

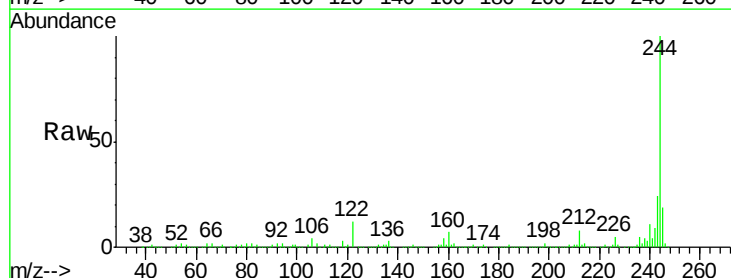
Tgt Ion:244 Resp: 1054455

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

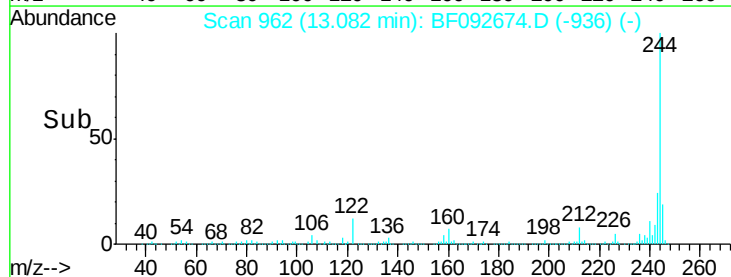
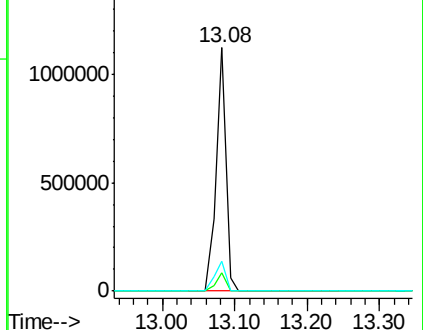
122 12.2 11.4 17.2

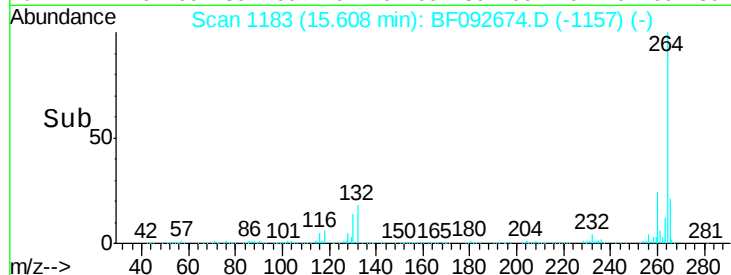
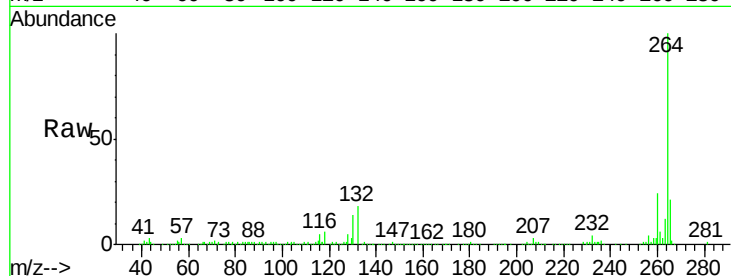
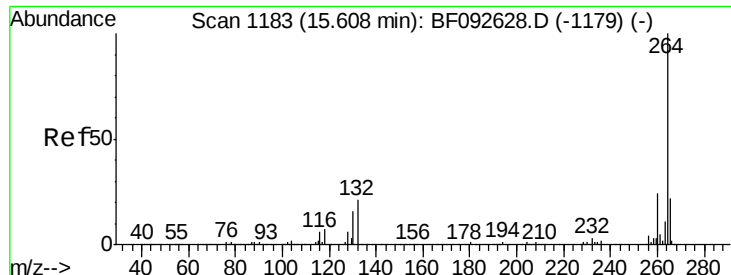


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF092674.D
 Acq: 31 Jan 2017 10:50

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Tot Ion:264	Resp:	221785
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.2 28.8
265	20.9	17.4 26.0

