

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092982.D
 Acq On : 16 Feb 2017 7:49
 Operator : SJ/MA
 Sample : I1822-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-002

Quant Time: Feb 16 08:16:29 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

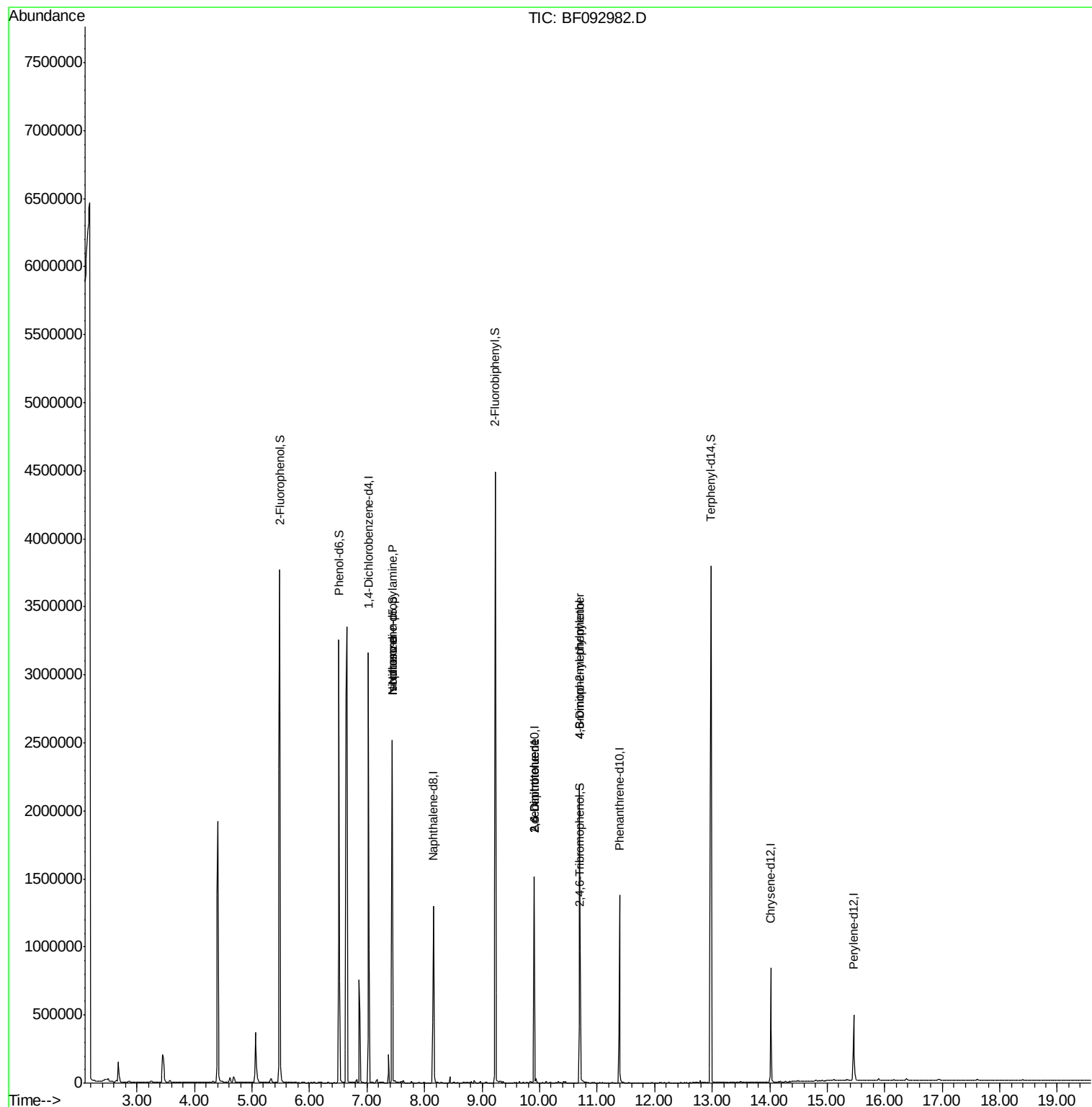
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	509475	20.00	ng	0.14
21) Naphthalene-d8	8.16	136	612705	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	301410	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	498195	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	319767	20.00	ng	-0.03
86) Perylene-d12	15.46	264	208908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1228409	41.37	ng	0.00
7) Phenol-d6	6.51	99	1223106	32.01	ng	-0.02
23) Nitrobenzene-d5	7.44	82	904973	82.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	318359	146.04	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1563110	93.95	ng	-0.01
78) Terphenyl-d14	12.98	244	1358353	99.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	120515	4.95	ng	# 80
25) Isophorone	7.44	82	719524	35.09	ng	# 65
50) 2,6-Dinitrotoluene	9.90	165	37968	8.66	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	37970	6.50	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	462	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	20894	4.01	ng	# 1

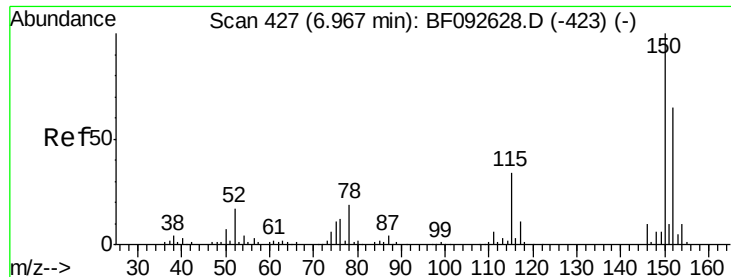
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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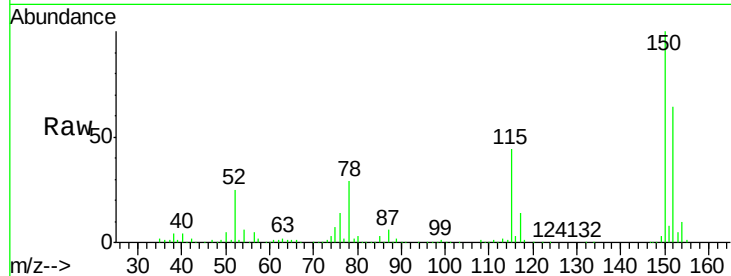


#1

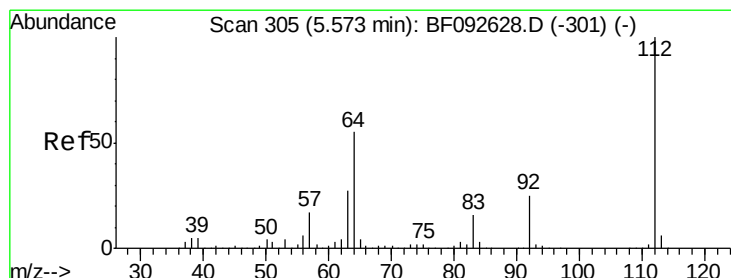
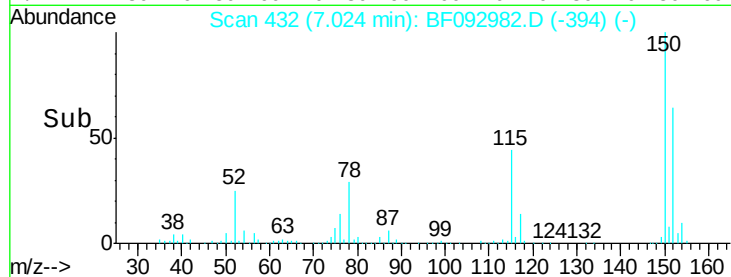
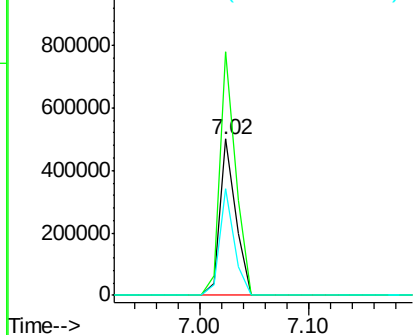
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.14 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Instrument :
BNA_F
ClientSampleId :
WC-B1-002

Tgt Ion:152 Resp: 509475
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 68.7 46.0 69.0



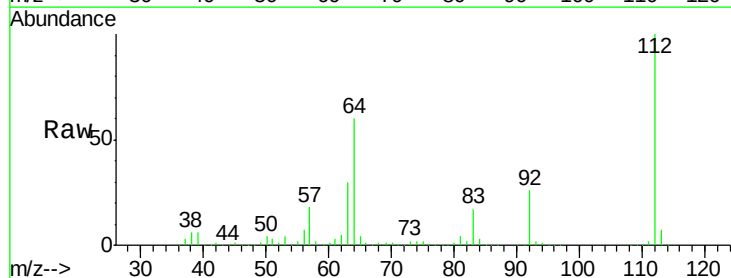
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



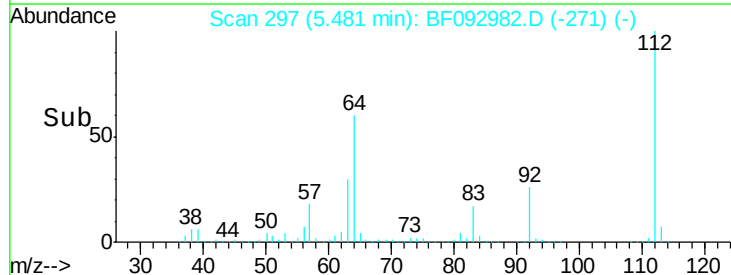
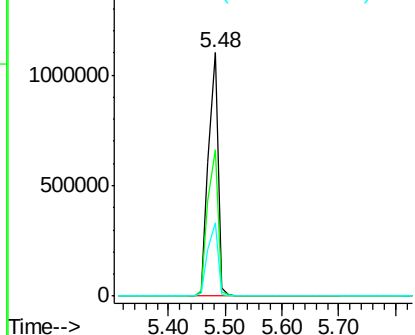
#5

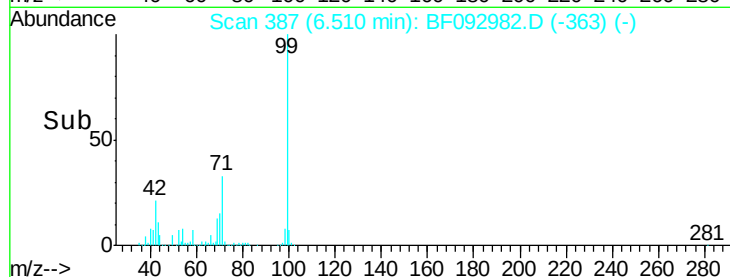
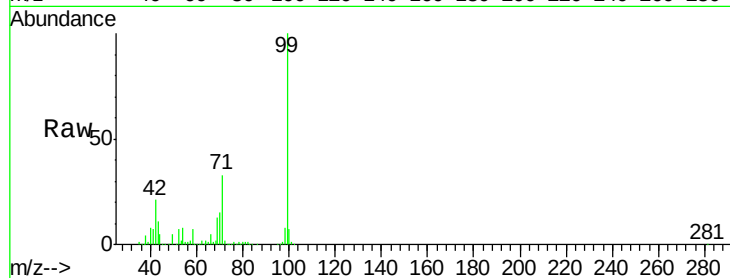
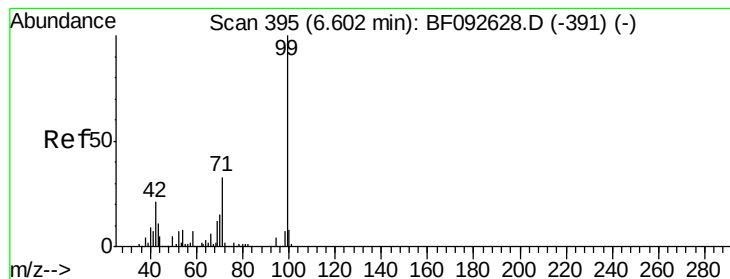
2-Fluorophenol
Concen: 41.37 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Tgt Ion:112 Resp: 1228409
Ion Ratio Lower Upper
112 100
64 60.2 46.1 69.1
63 30.1 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: 32.01 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

Instrument :

BNA_F

ClientSampleId :

WC-B1-002

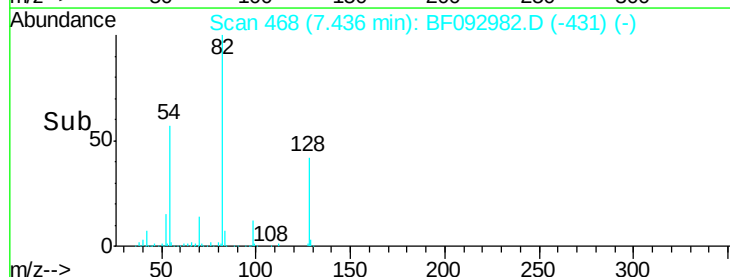
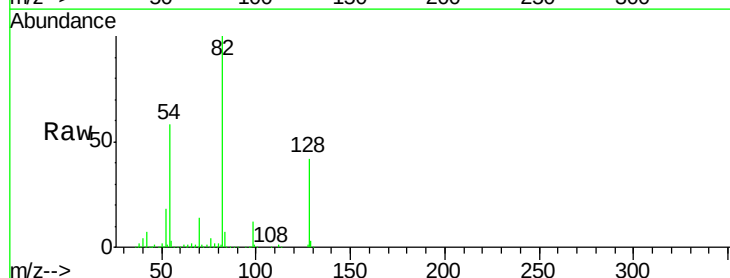
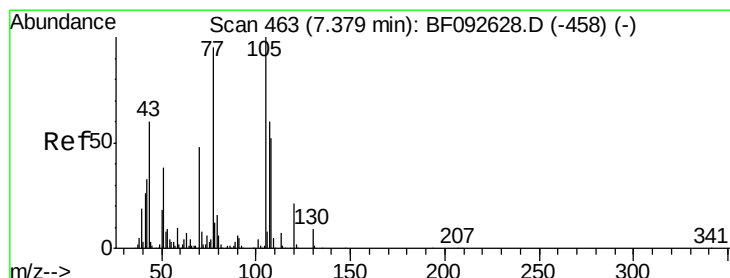
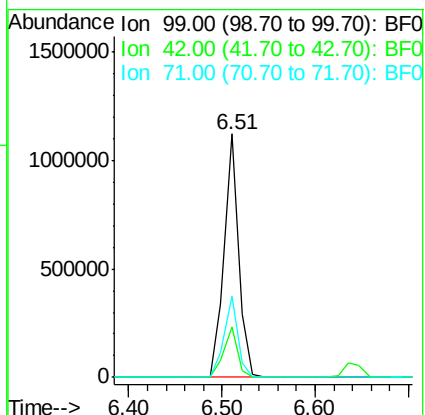
Tgt Ion: 99 Resp: 1223106

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

71 33.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.95 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

Tgt Ion: 70 Resp: 120515

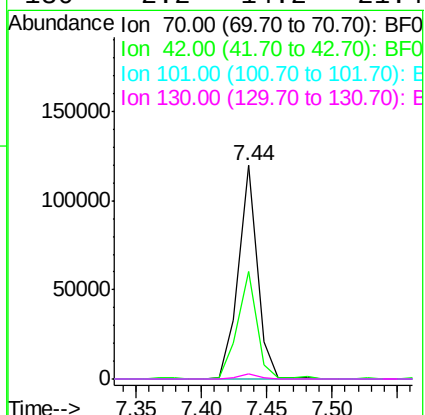
Ion Ratio Lower Upper

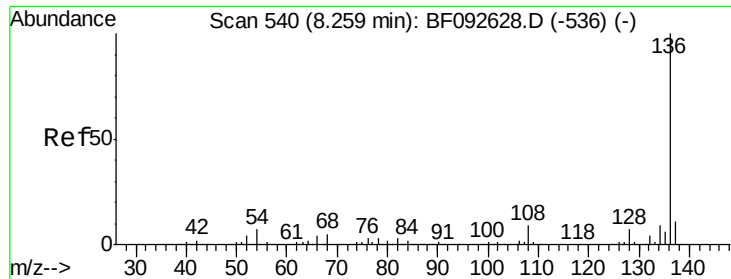
70 100

42 50.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

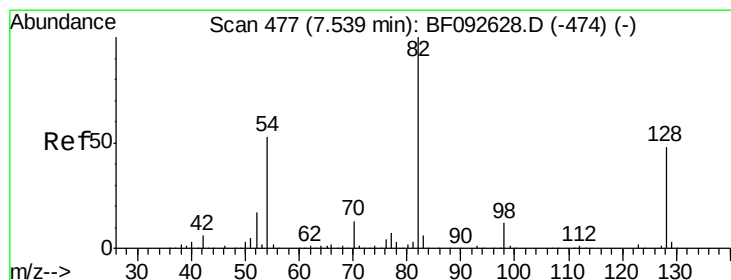
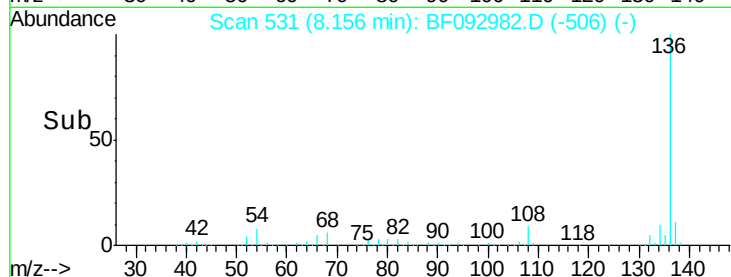
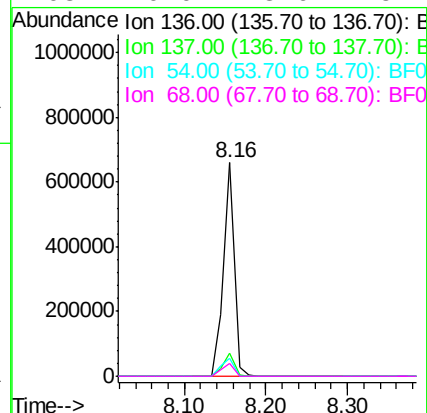
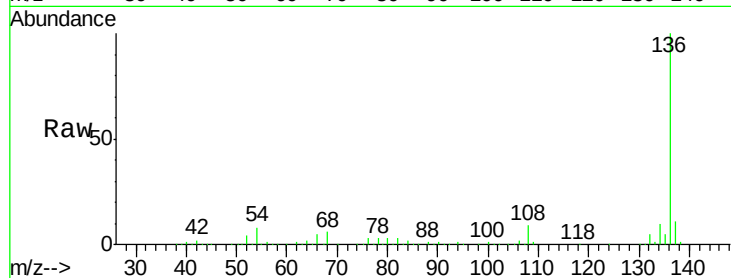




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

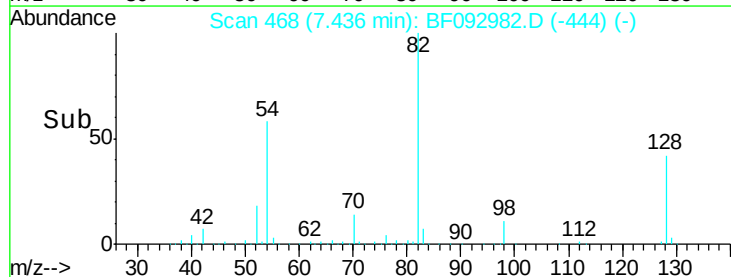
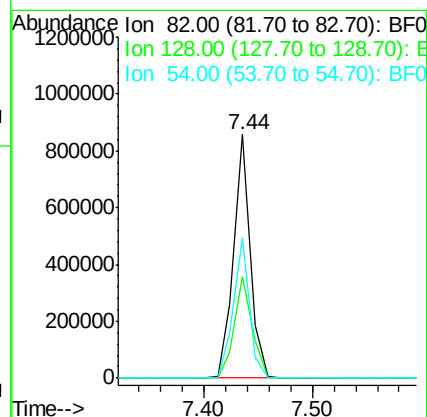
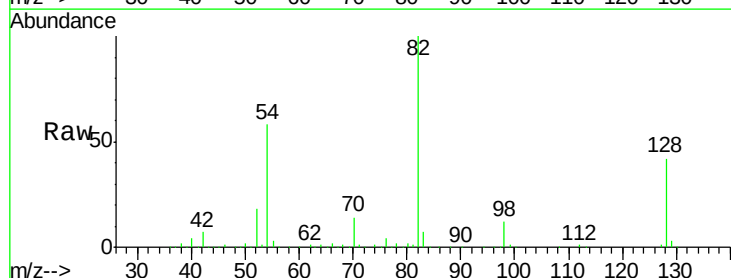
Instrument :
BNA_F
ClientSampleId :
WC-B1-002

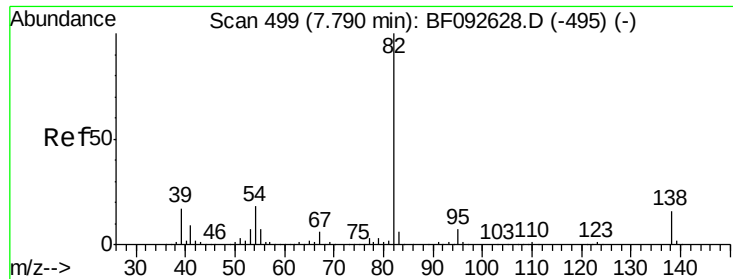
Tgt Ion:	136	Resp:	612705
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.5	4.5	6.7#
68	6.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 82.25 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Tgt Ion:	82	Resp:	904973
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	57.6	39.5	59.3

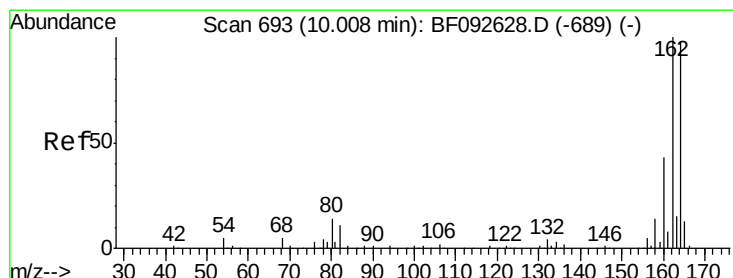
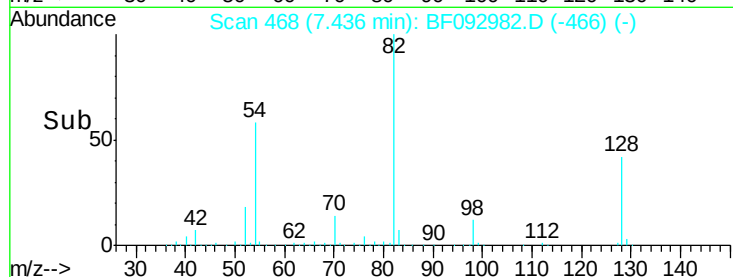
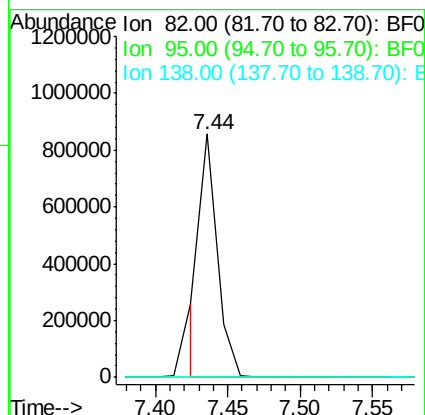
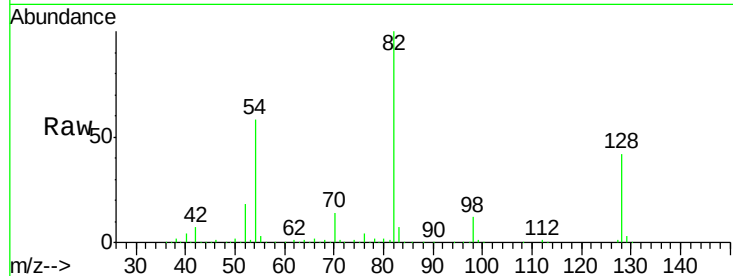




#25
Isophorone
Concen: 35.09 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.27 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

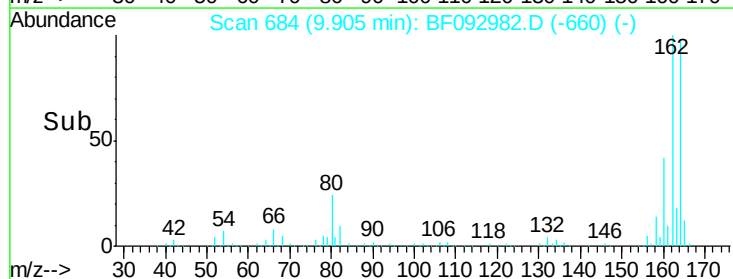
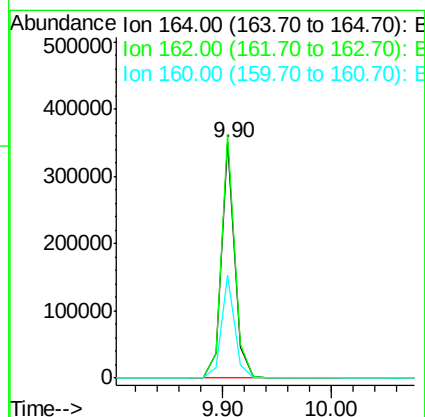
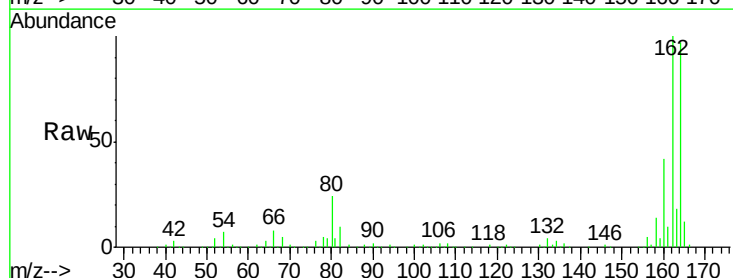
Instrument :
BNA_F
ClientSampleId :
WC-B1-002

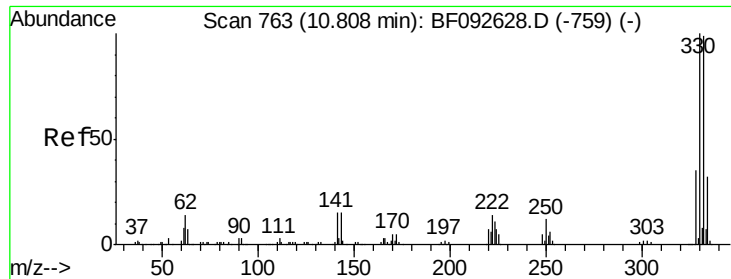
Tgt Ion: 82 Resp: 719524
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Tgt Ion: 164 Resp: 301410
Ion Ratio Lower Upper
164 100
162 103.3 80.2 120.2
160 43.6 36.9 55.3

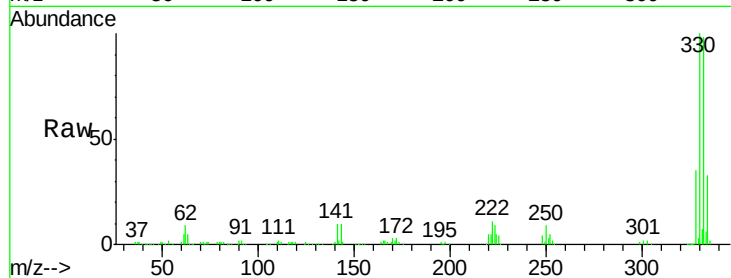




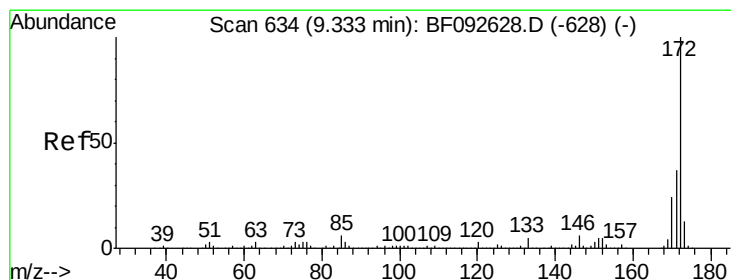
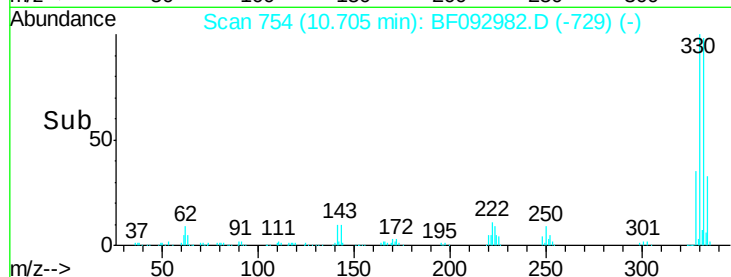
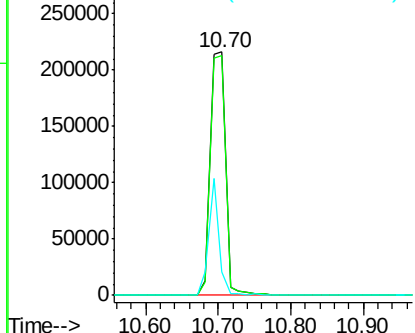
#41
 2,4,6-Tribromophenol
 Concen: 146.04 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092982.D
 Acq: 16 Feb 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-002

Tgt Ion: 330 Resp: 318359
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.4 116.2
 141 32.9 34.1 51.1#

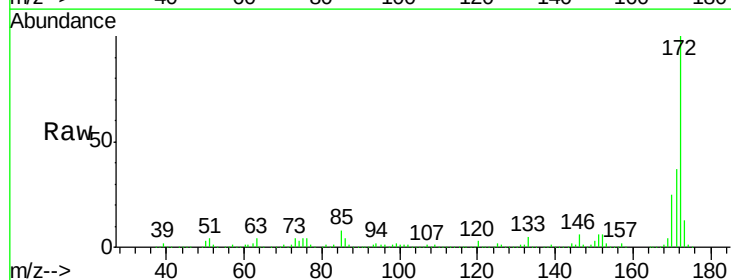


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

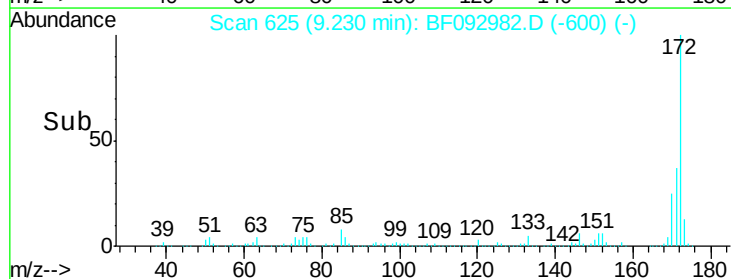
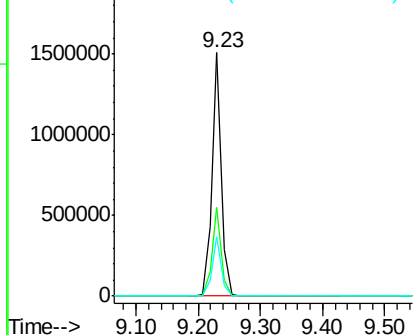


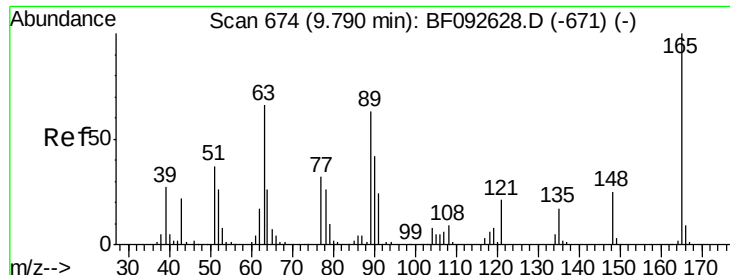
#44
 2-Fluorobiphenyl
 Concen: 93.95 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092982.D
 Acq: 16 Feb 2017 7:49

Tgt Ion: 172 Resp: 1563110
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.6 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

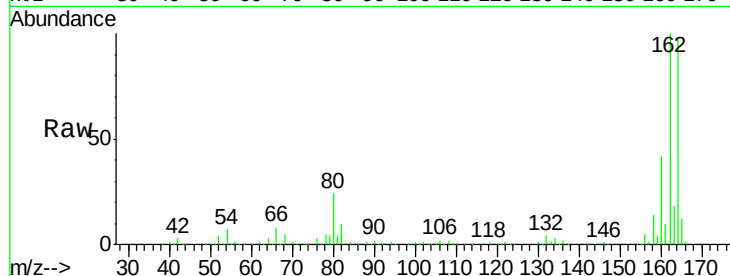




#50
 2,6-Dinitrotoluene
 Concen: 8.66 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.19 min
 Lab File: BF092982.D
 Acq: 16 Feb 2017 7:49

Instrument :
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 ClientSampleId :
 WC-B1-002

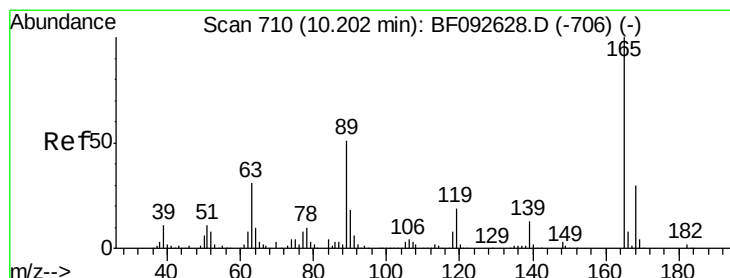
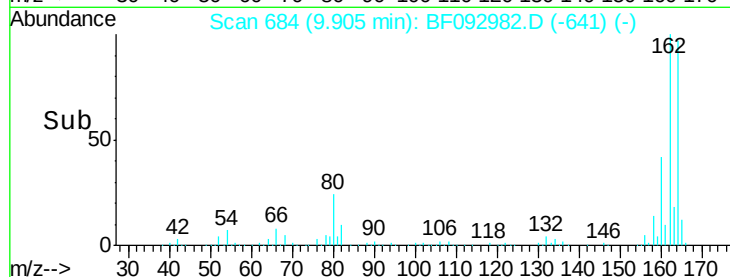
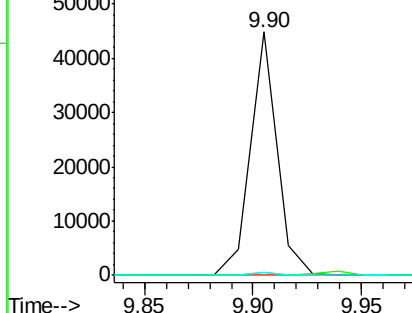
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.2	40.2	60.4#



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: 6.50 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.22 min
 Lab File: BF092982.D
 Acq: 16 Feb 2017 7:49

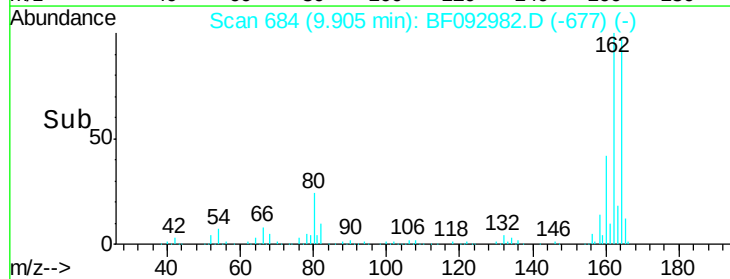
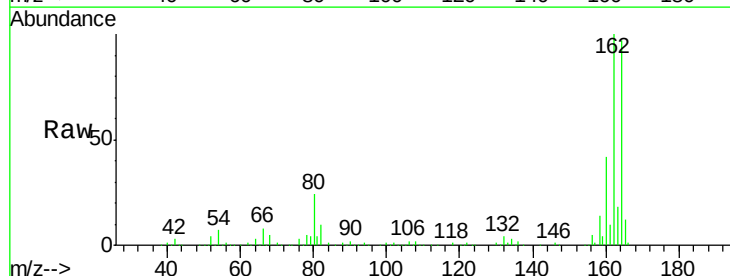
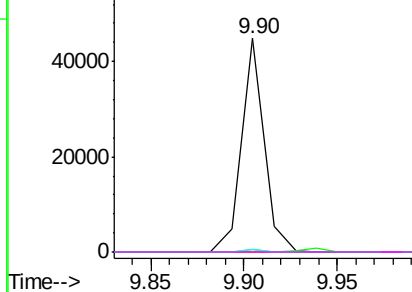
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

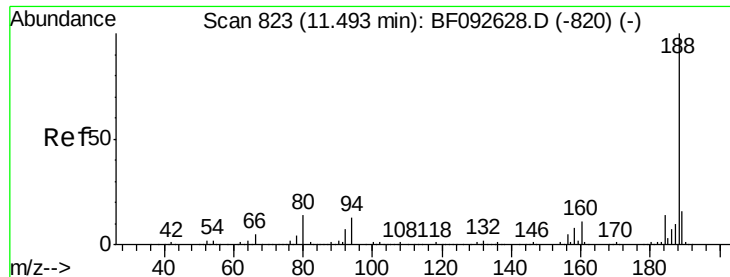
Abundance Ion 165.00 (164.70 to 165.70): E

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

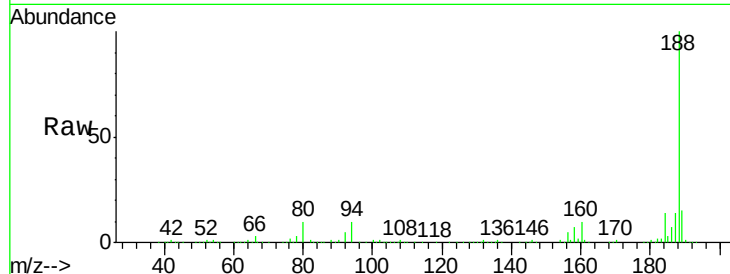




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Instrument :
BNA_F
ClientSampleId :
WC-B1-002

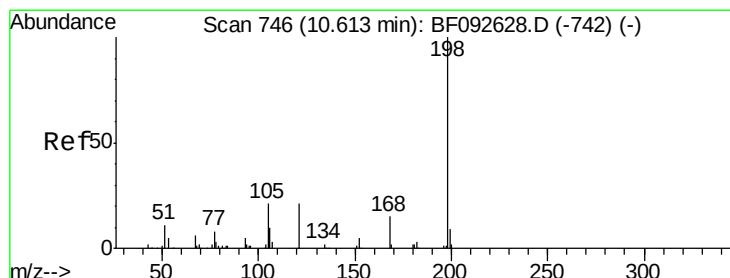
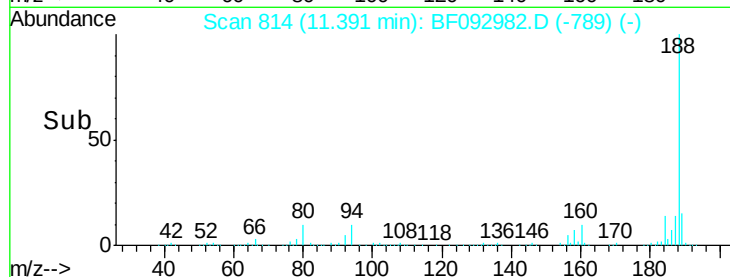
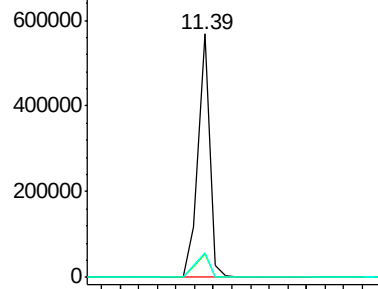
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.0	15.0#
80	10.3	11.2	16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

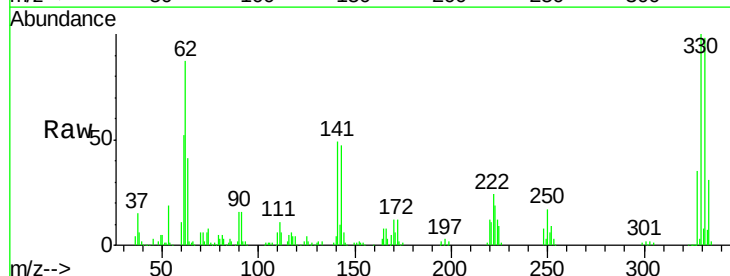
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

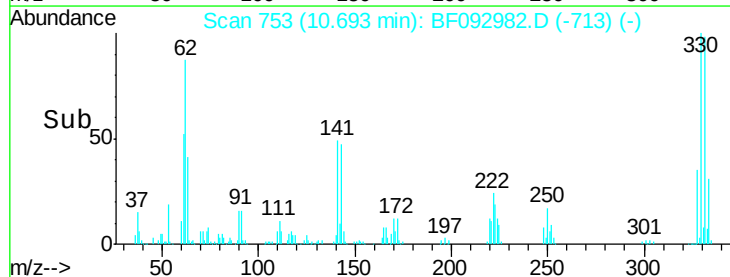
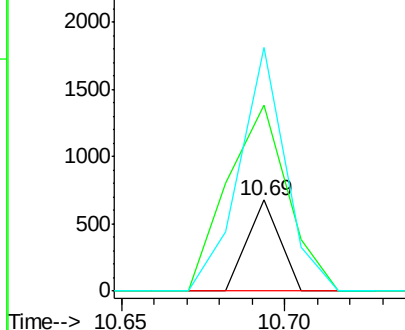
Tgt Ion	Ratio	Lower	Upper
198	100		
51	204.5	6.7	46.7#
105	268.4	16.6	56.6#

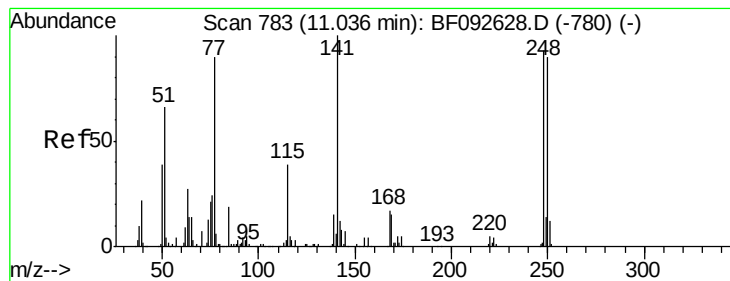


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.01 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

Instrument :

BNA_F

ClientSampleId :

WC-B1-002

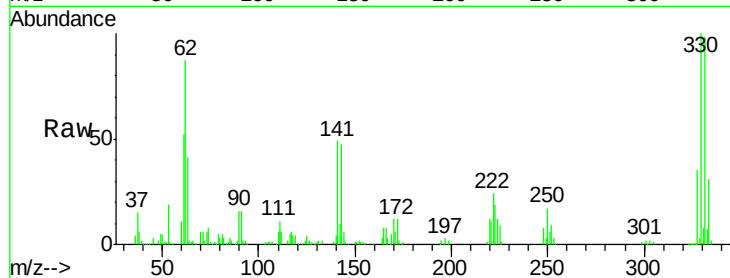
Tgt Ion:248 Resp: 20894

Ion Ratio Lower Upper

248 100

250 205.5 76.9 115.3#

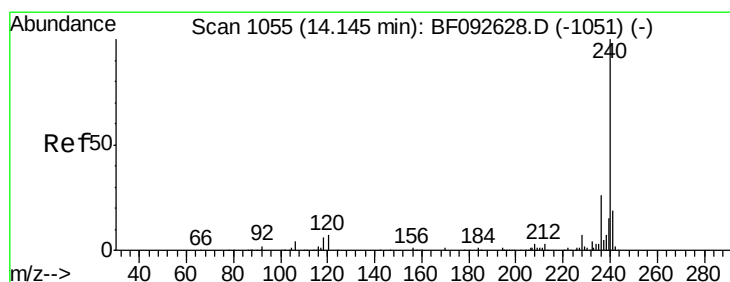
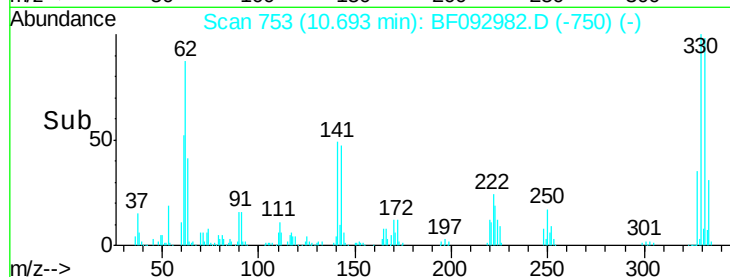
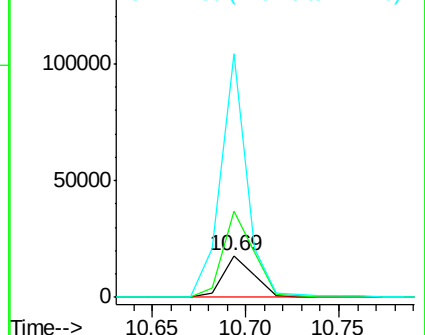
141 583.0 68.2 102.4#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

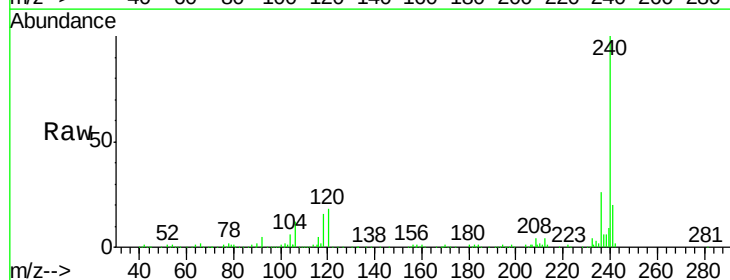
Tgt Ion:240 Resp: 319767

Ion Ratio Lower Upper

240 100

120 17.8 12.9 19.3

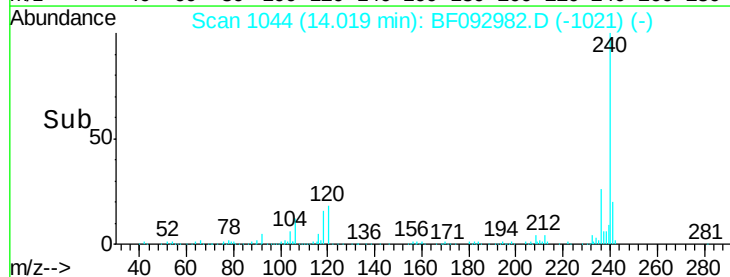
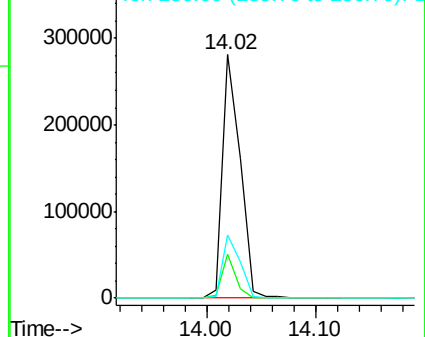
236 25.9 20.9 31.3

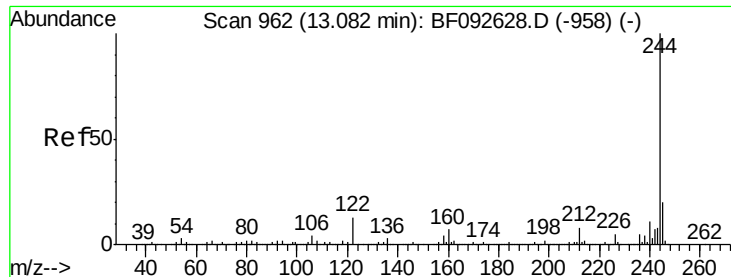


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.81 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

Instrument :

BNA_F

ClientSampleId :

WC-B1-002

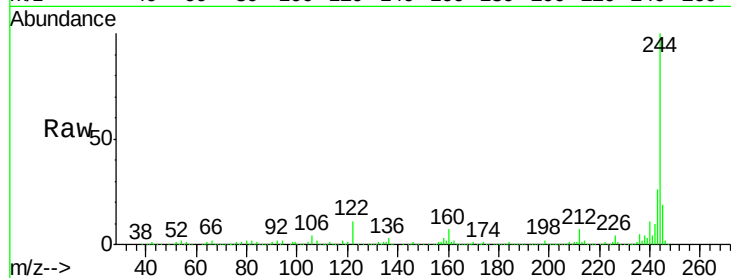
Tgt Ion:244 Resp: 1358353

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

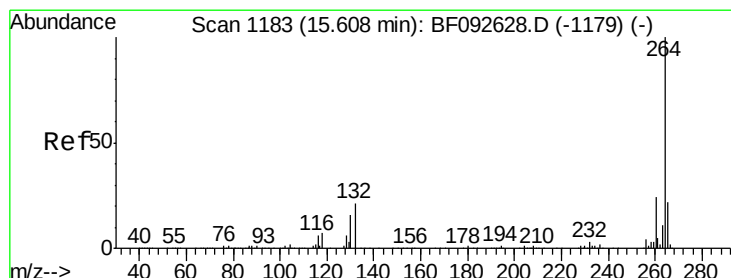
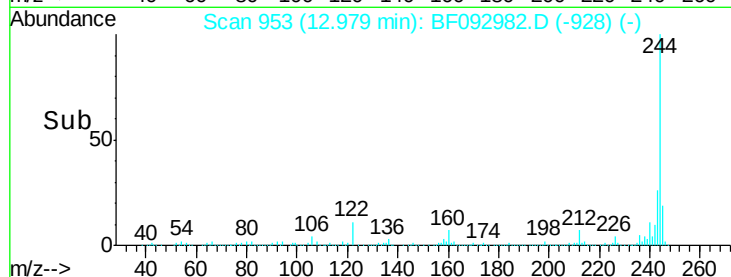
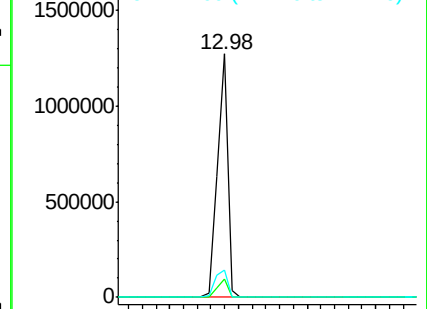
122 11.3 11.4 17.2#



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: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

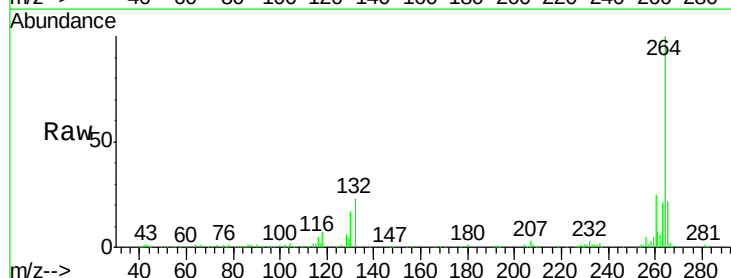
Tgt Ion:264 Resp: 208908

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 22.0 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

