

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092832.D
 Acq On : 7 Feb 2017 17:06
 Operator : SJ/MA
 Sample : PB96775TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96775TB

Quant Time: Feb 07 23:47:54 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

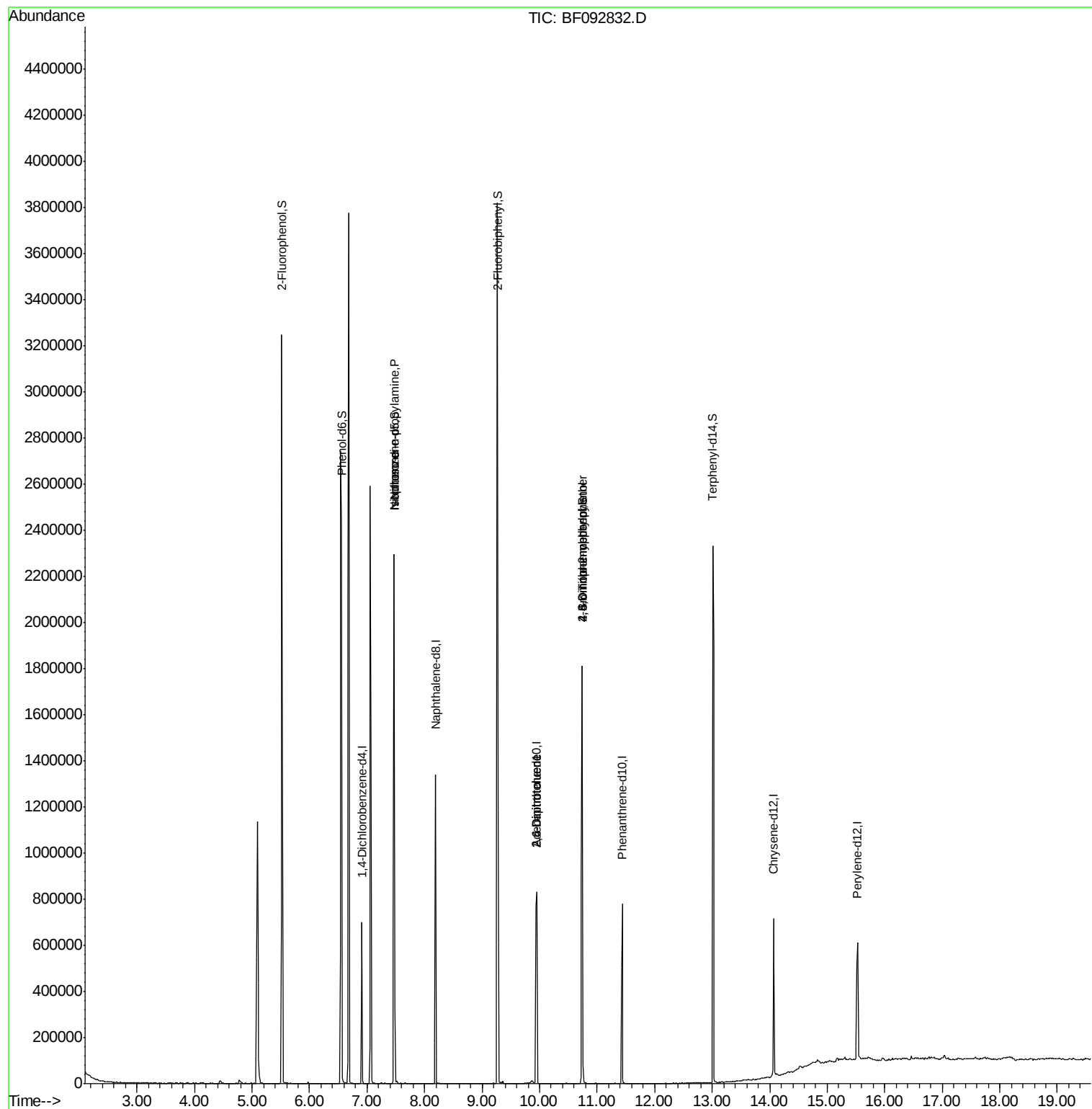
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	141522	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	562064	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	270744	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	371877	20.00	ng	-0.06
75) Chrysene-d12	14.07	240	306097	20.00	ng	-0.08
86) Perylene-d12	15.53	264	258517	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1073161	130.10	ng	-0.06
7) Phenol-d6	6.56	99	1433301	135.04	ng	-0.05
23) Nitrobenzene-d5	7.47	82	760012	75.30	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	230639	117.78	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1343232	89.88	ng	-0.07
78) Terphenyl-d14	13.01	244	1022345	78.48	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	100204	14.83	ng	# 82
25) Isophorone	7.47	82	754751	40.13	ng	# 65
50) 2,6-Dinitrotoluene	9.95	165	35147	8.92	ng	# 29
56) 2,4-Dinitrotoluene	9.95	165	35150	6.70	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.74	198	539	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	17473	4.50	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: 6.91 min Scan# 422

Delta R.T. -0.06 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

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BNA_F

ClientSampleId :

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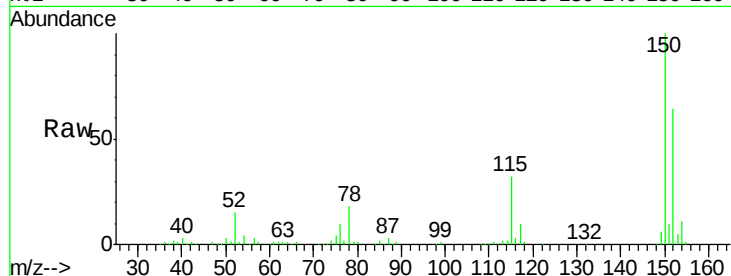
Tgt Ion:152 Resp: 141522

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

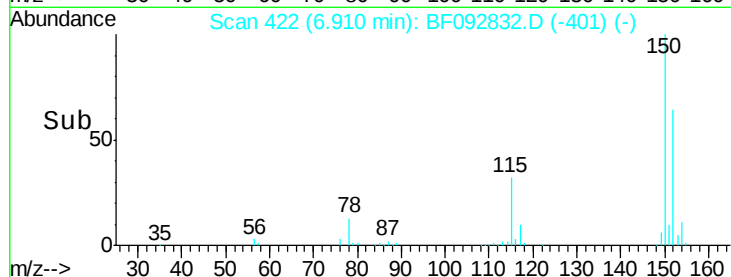
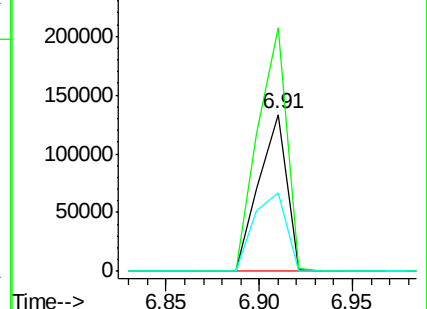
115 49.9 46.0 69.0



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: 130.10 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.06 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

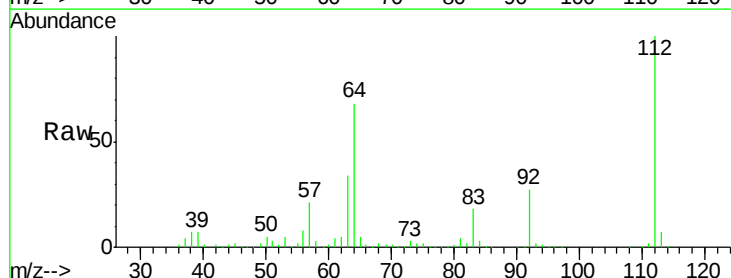
Tgt Ion:112 Resp: 1073161

Ion Ratio Lower Upper

112 100

64 68.1 46.1 69.1

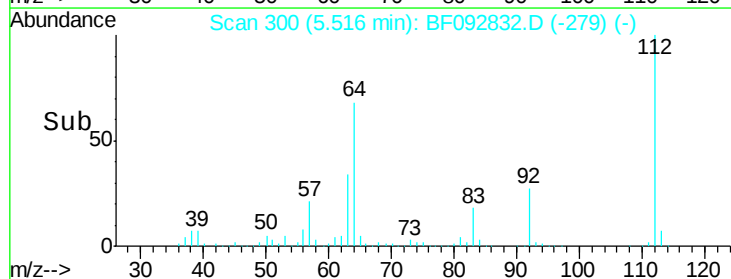
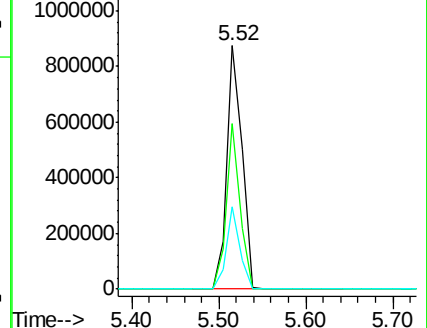
63 33.8 23.8 35.6



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: 135.04 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96775TB

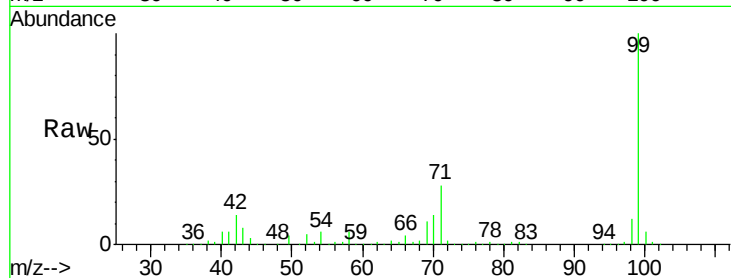
Tgt Ion: 99 Resp: 1433301

Ion Ratio Lower Upper

99 100

42 14.4 15.6 23.4#

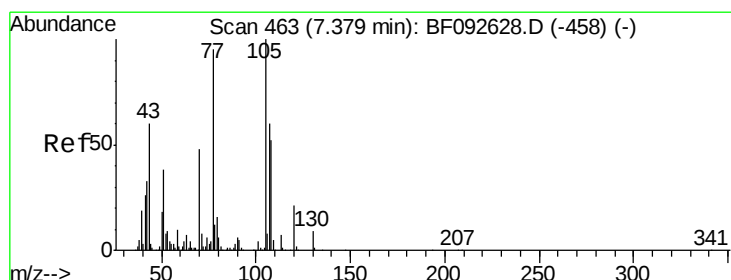
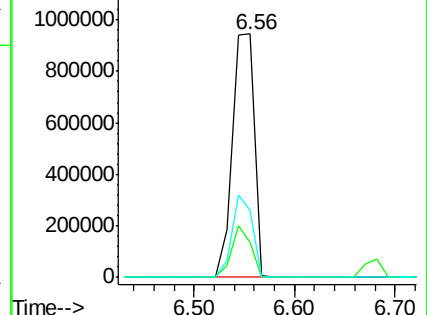
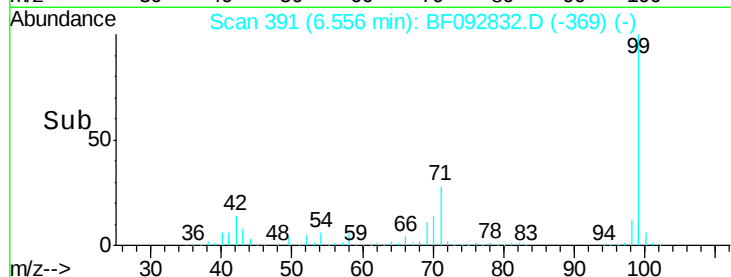
71 27.7 27.5 41.3



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: 14.83 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.09 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

Tgt Ion: 70 Resp: 100204

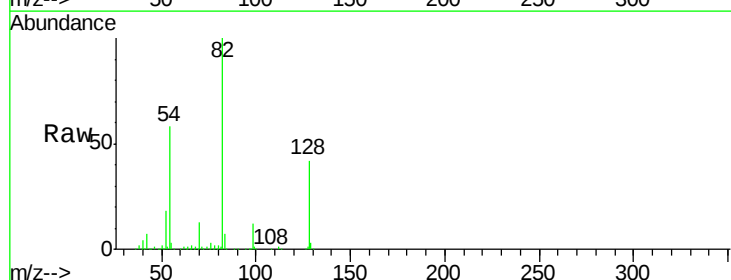
Ion Ratio Lower Upper

70 100

42 52.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

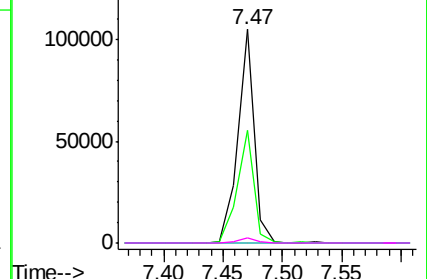
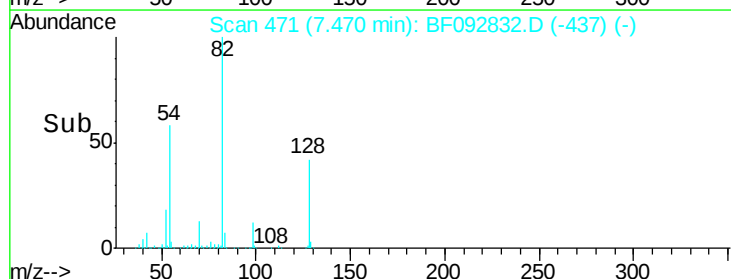


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

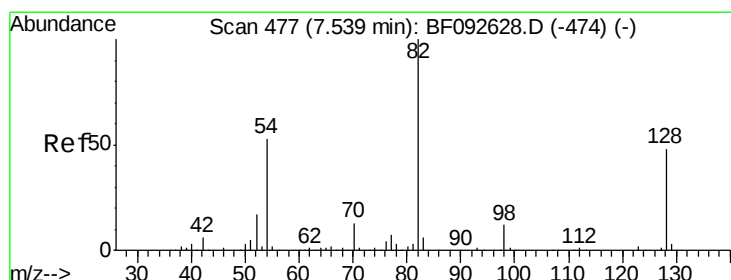
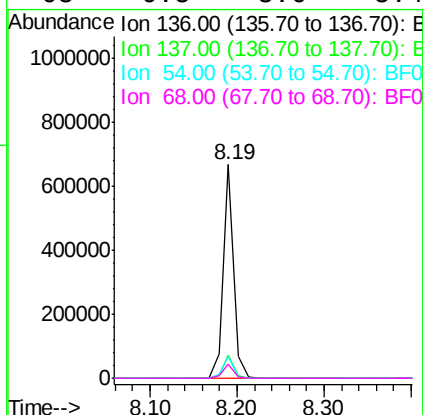
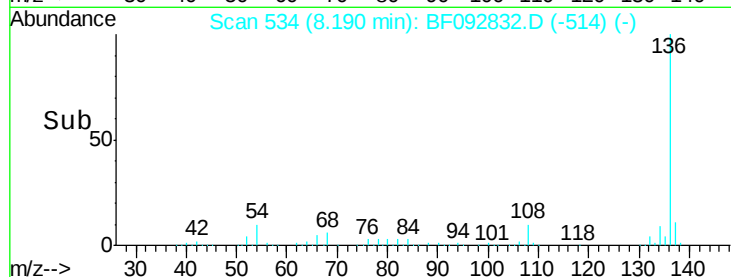
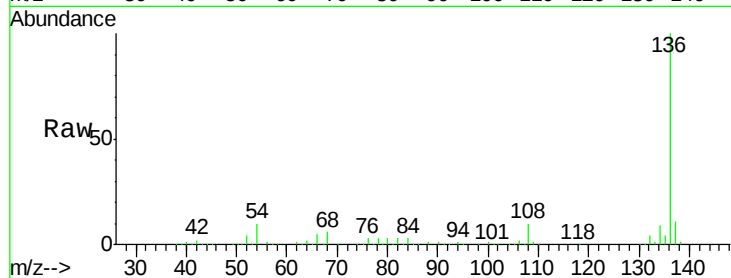




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

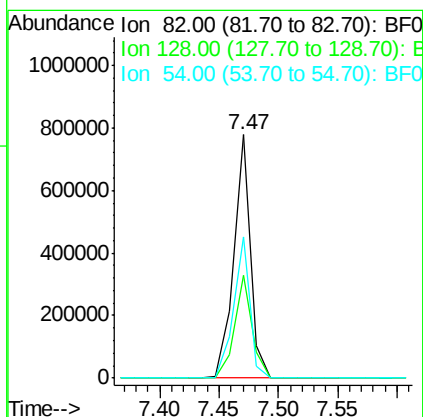
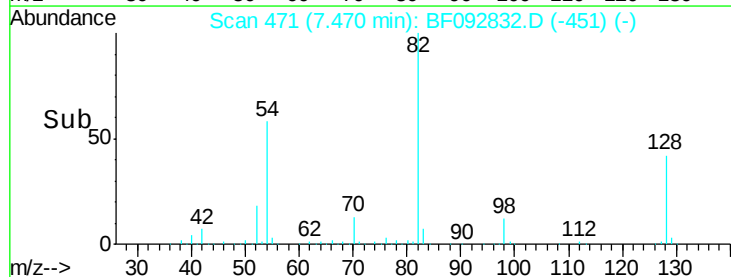
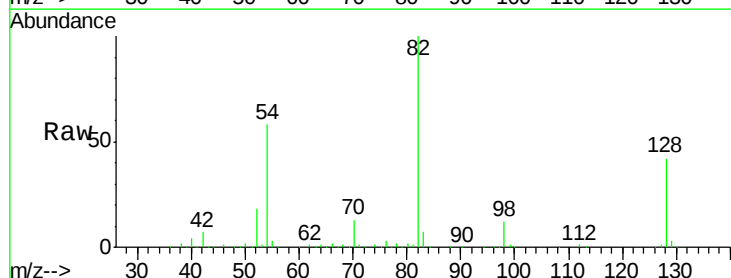
Instrument :
BNA_F
ClientSampleId :
PB96775TB

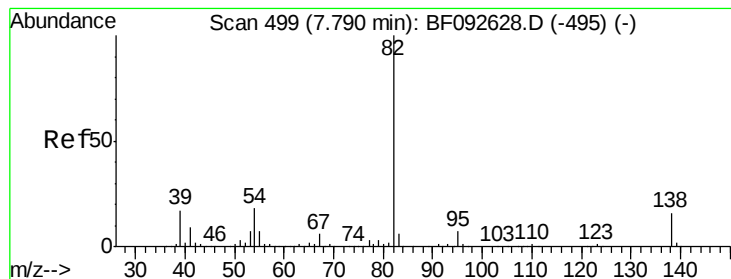
Tgt Ion:	136	Resp:	562064
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.0	4.5	6.7#
68	6.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 75.30 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

Tgt Ion:	82	Resp:	760012
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	58.1	39.5	59.3





#25

Isophorone

Concen: 40.13 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.32 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96775TB

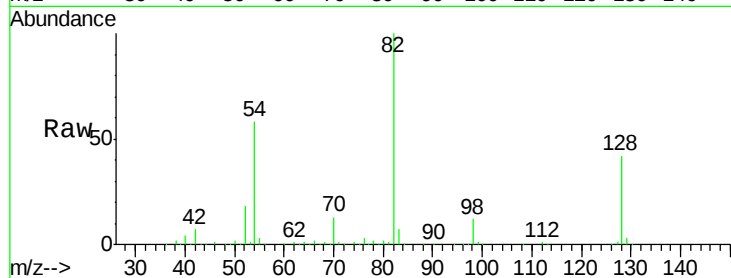
Tgt Ion: 82 Resp: 754751

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

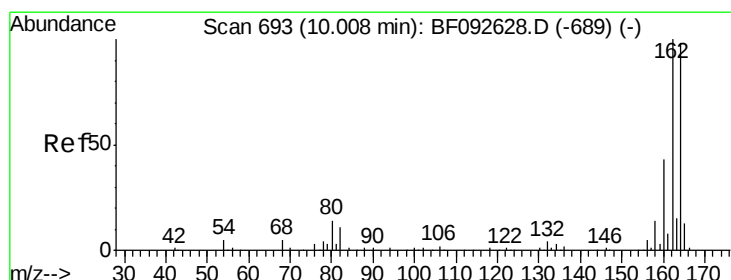
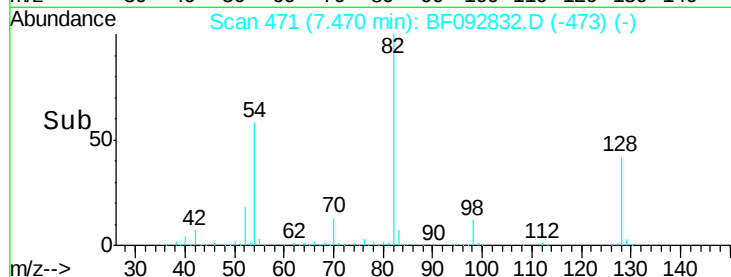
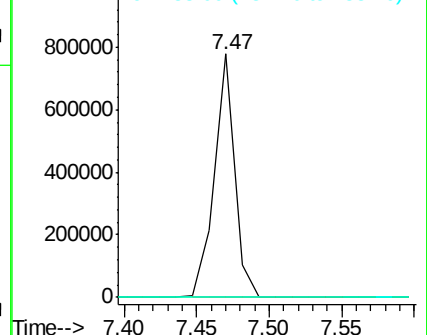
138 0.0 14.6 22.0#



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: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

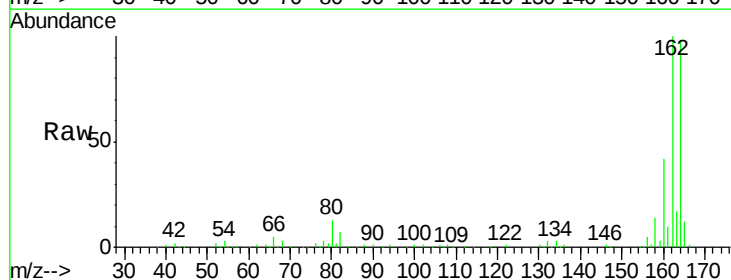
Tgt Ion: 164 Resp: 270744

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

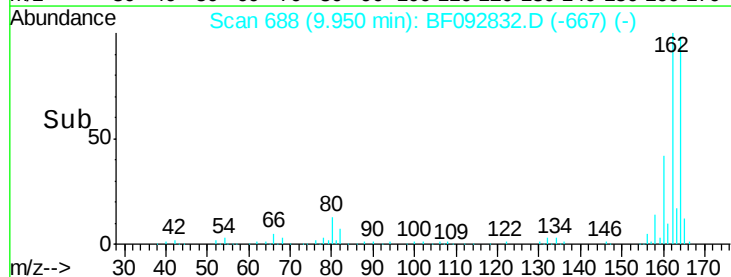
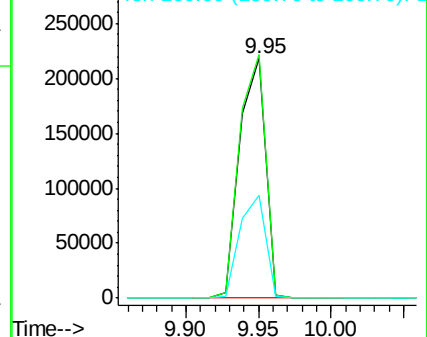
160 43.2 36.9 55.3



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

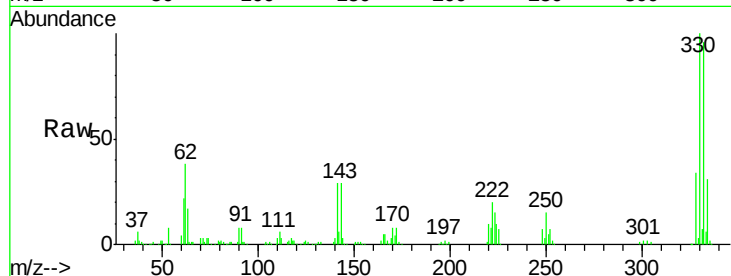




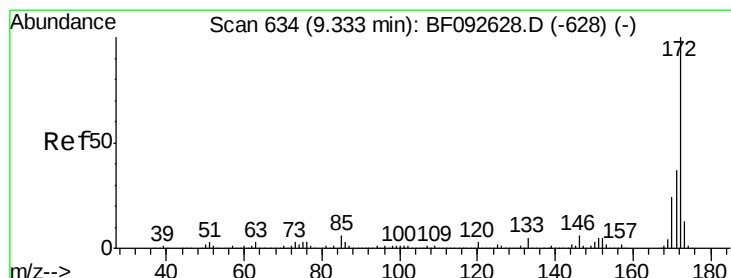
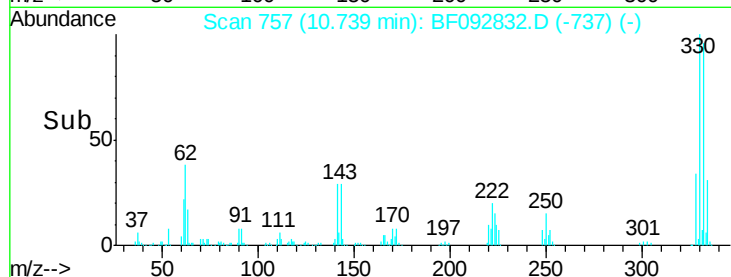
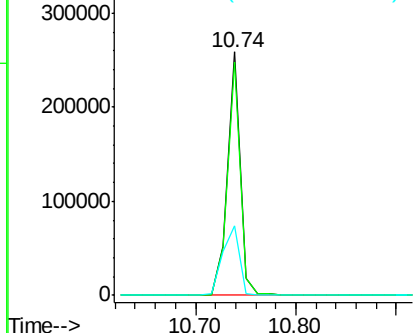
#41
 2,4,6-Tribromophenol
 Concen: 117.78 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96775TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	37.3	34.1	51.1

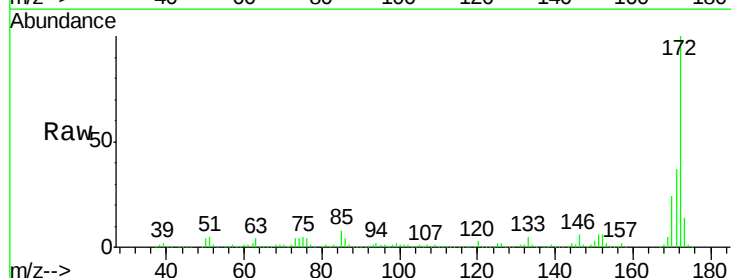


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

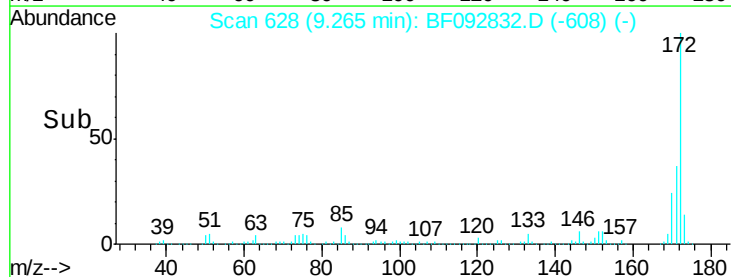
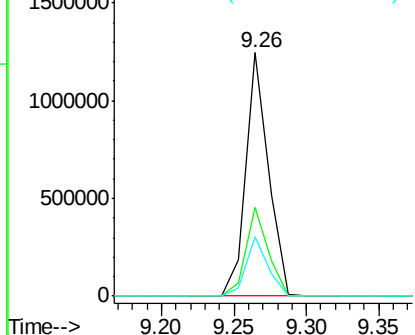


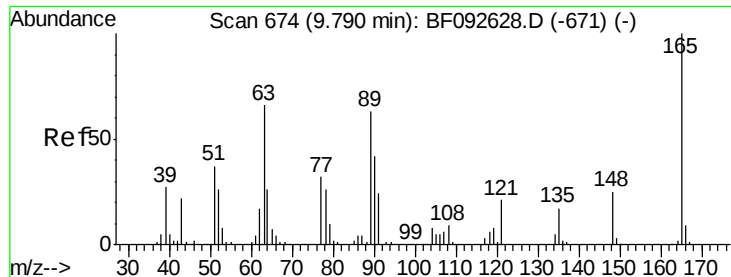
#44
 2-Fluorobiphenyl
 Concen: 89.88 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.4	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

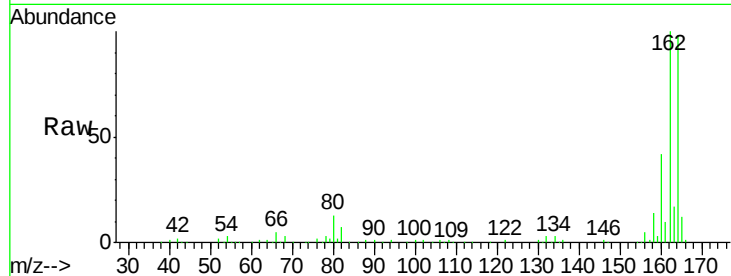




#50
 2,6-Dinitrotoluene
 Concen: 8.92 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.16 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96775TB

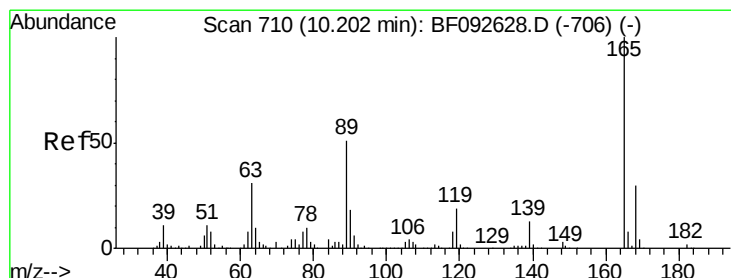
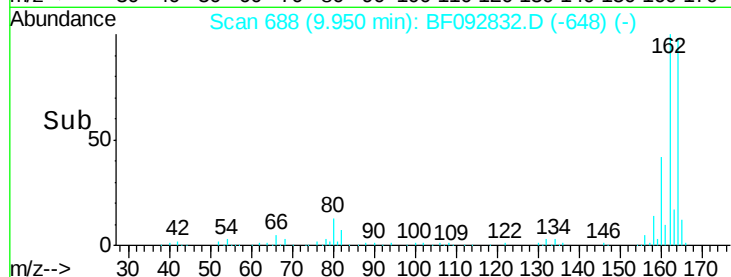
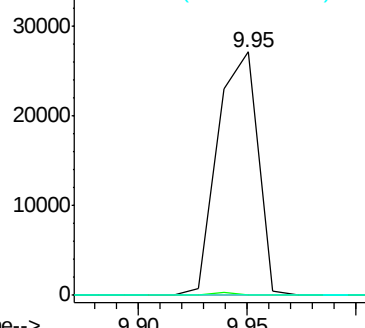
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

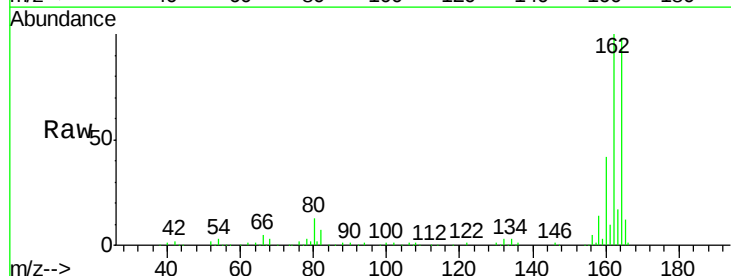
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.25 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

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

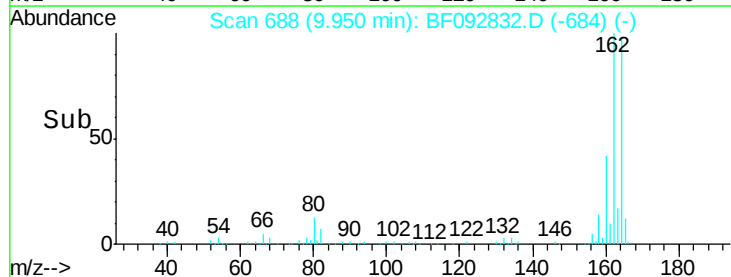
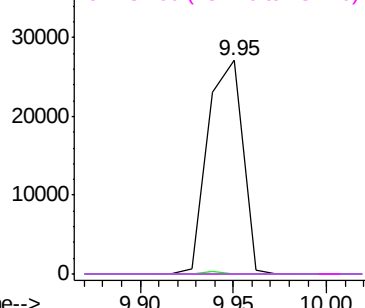


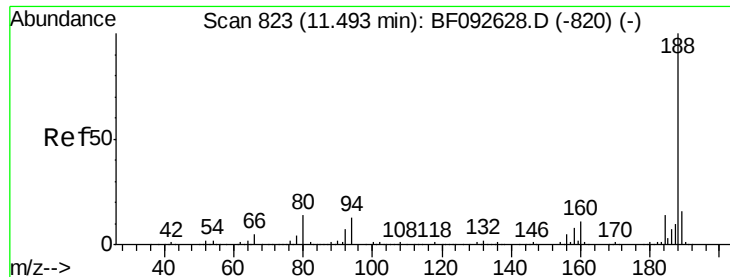
Abundance Ion 165.00 (164.70 to 165.70): E

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

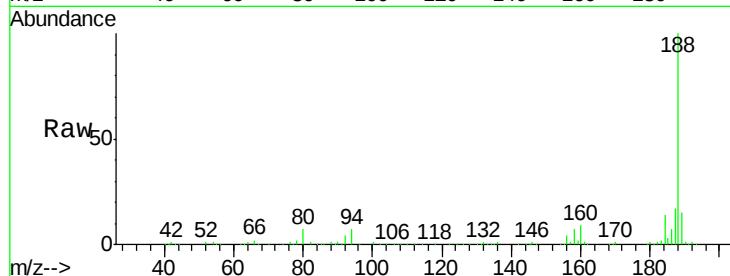




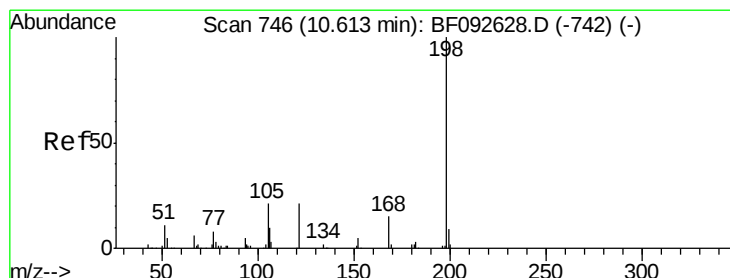
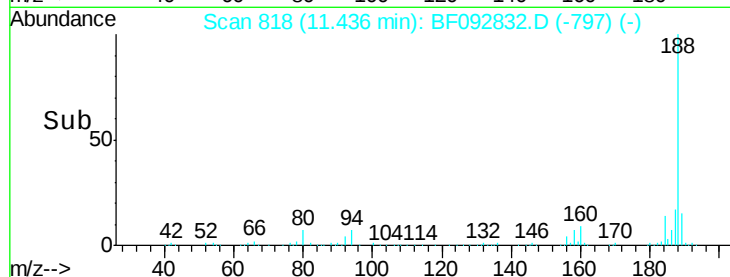
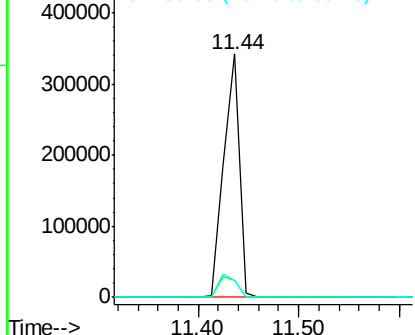
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

Instrument :
BNA_F
ClientSampleId :
PB96775TB

Tgt Ion:188 Resp: 371877
Ion Ratio Lower Upper
188 100
94 6.9 10.0 15.0#
80 7.1 11.2 16.8#

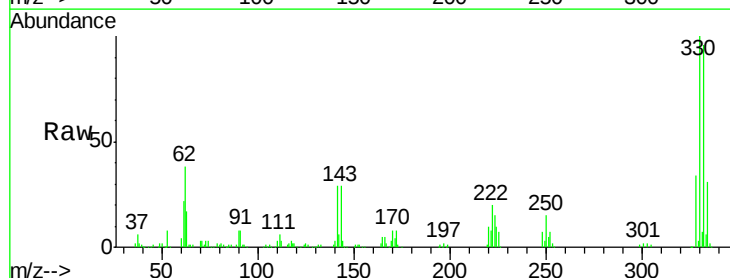


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

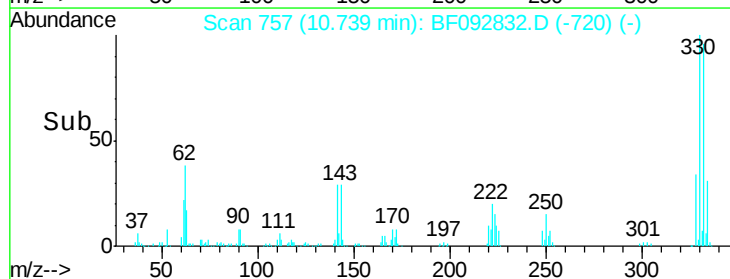
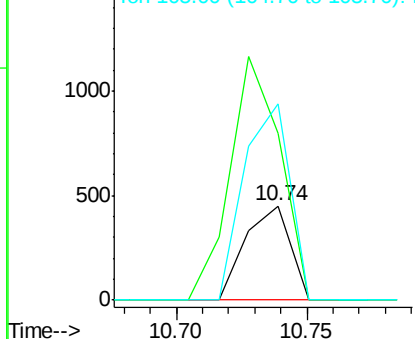


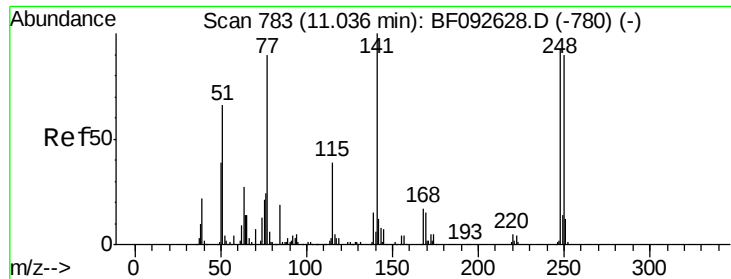
#64
4,6-Dinitro-2-methylphenol
Concen: 2.89 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

Tgt Ion:198 Resp: 539
Ion Ratio Lower Upper
198 100
51 177.4 6.7 46.7#
105 207.8 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

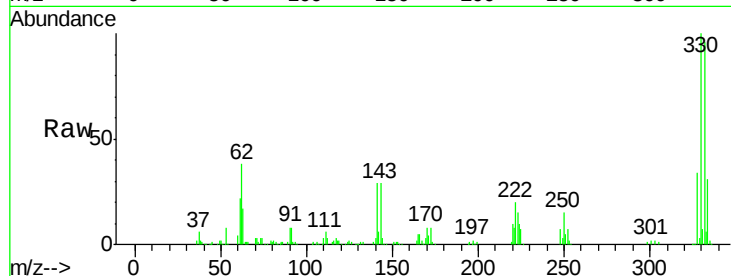




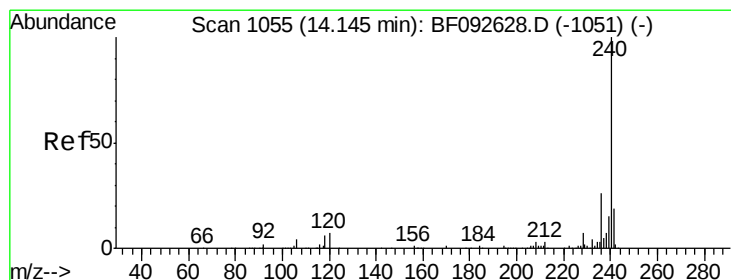
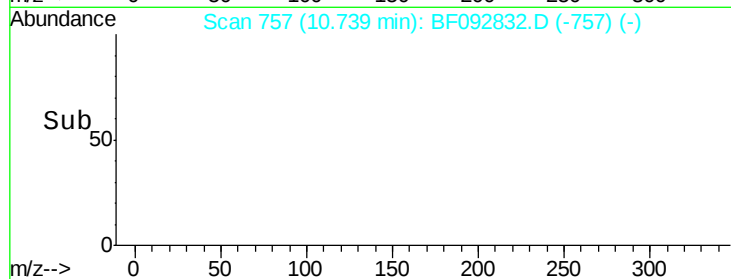
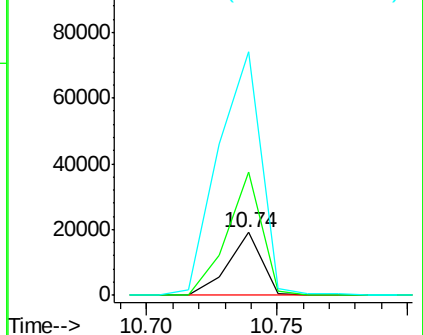
#66
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.30 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

Instrument :
BNA_F
ClientSampleId :
PB96775TB

Tgt Ion:248 Resp: 17473
Ion Ratio Lower Upper
248 100
250 196.8 76.9 115.3#
141 386.9 68.2 102.4#

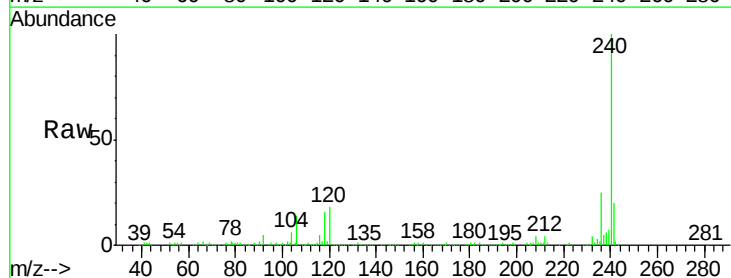


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

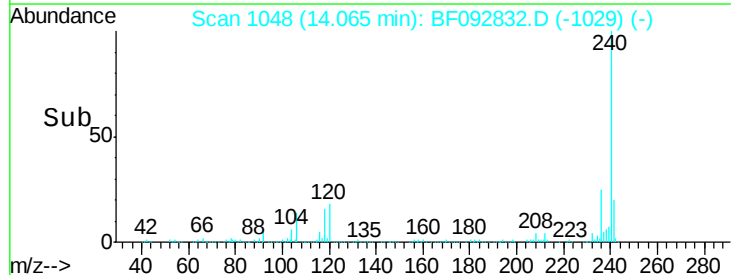
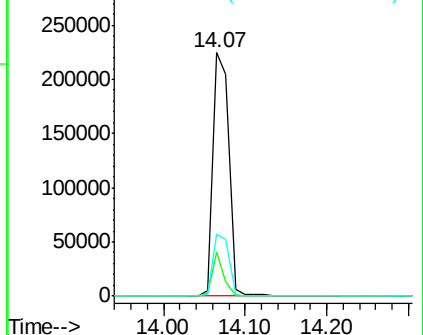


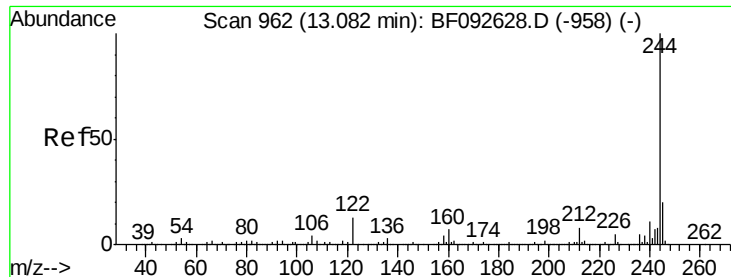
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.08 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

Tgt Ion:240 Resp: 306097
Ion Ratio Lower Upper
240 100
120 18.0 12.9 19.3
236 25.4 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

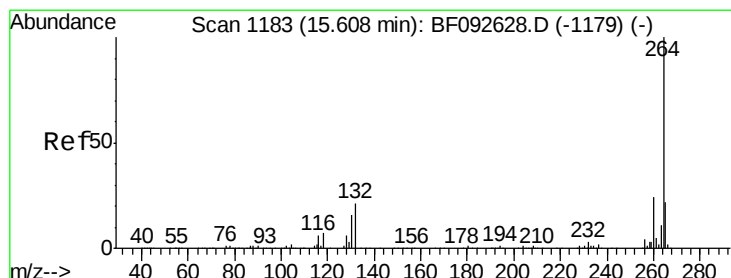
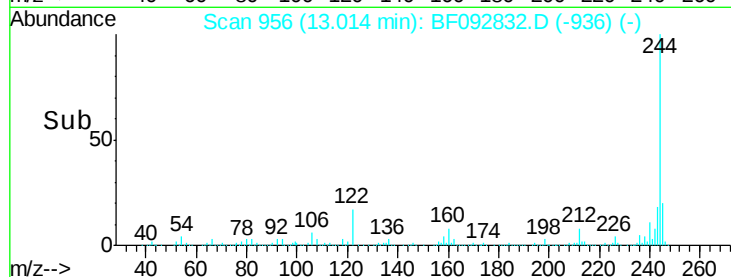
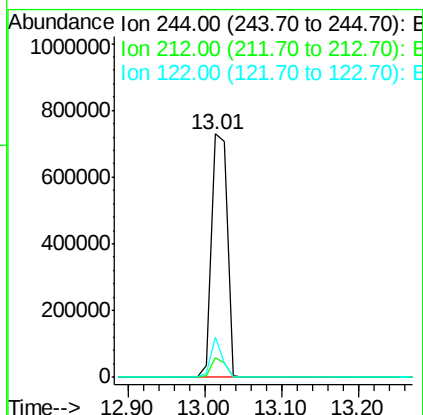
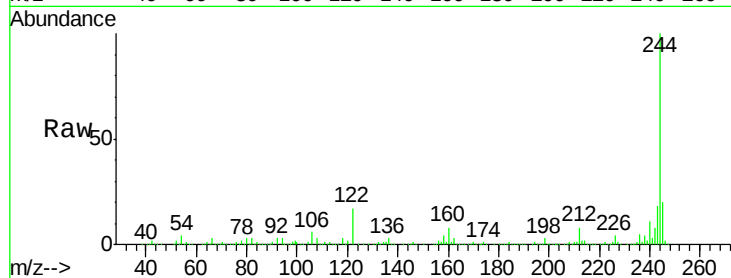




#78
 Terphenyl-d14
 Concen: 78.48 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96775TB

Tgt Ion:244 Resp: 1022345
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 16.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Tgt Ion:264 Resp: 258517
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.9 17.4 26.0

