

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092913.D
 Acq On : 11 Feb 2017 8:21
 Operator : SJ/MA
 Sample : I1767-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-U-M

Quant Time: Feb 13 02:54:52 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

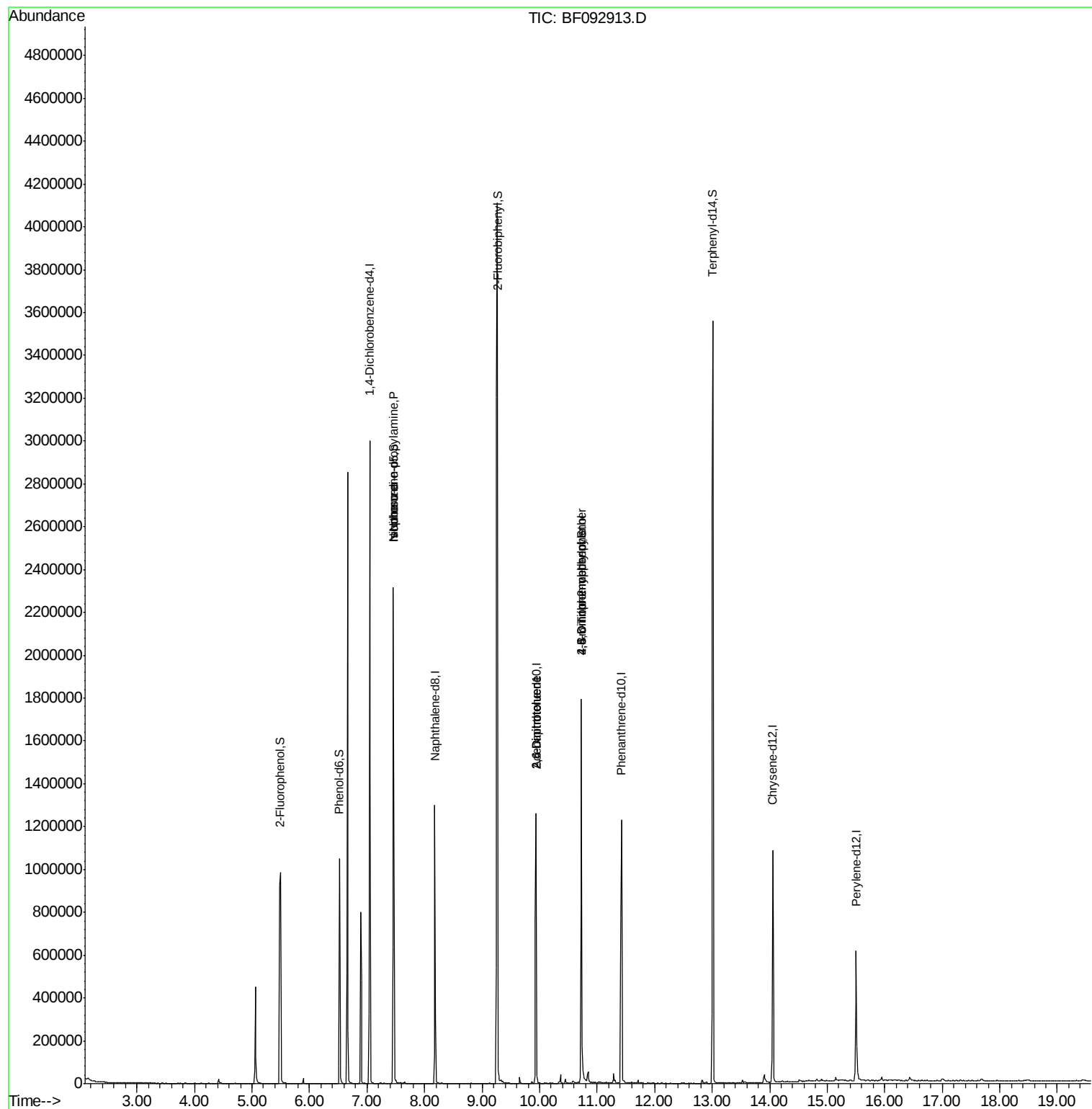
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	566556	20.00	ng	0.08
21) Naphthalene-d8	8.18	136	597610	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	348093	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	581265	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	383554	20.00	ng	-0.09
86) Perylene-d12	15.51	264	301448	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	399056	12.08	ng	-0.08
7) Phenol-d6	6.52	99	316738	7.45	ng	-0.08
23) Nitrobenzene-d5	7.46	82	945101	88.07	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	239568	95.16	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1919677	99.91	ng	-0.07
78) Terphenyl-d14	13.01	244	1531395	93.81	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	124693	4.61	ng	# 81
25) Isophorone	7.46	82	936767	46.84	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	42302	8.35	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	42296	6.27	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.73	198	456	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	17844	2.94	ng	# 1

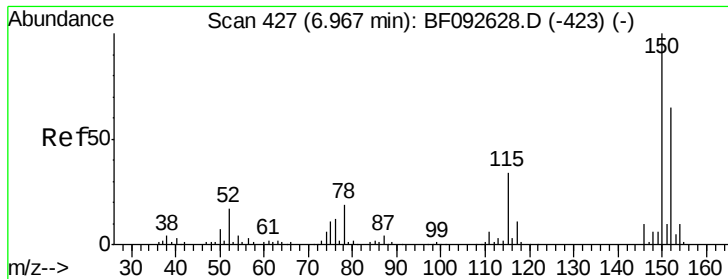
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.08 min

Lab File: BF092913.D

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Instrument :

BNA_F

ClientSampleId :

020817-PRRT-F-U-M

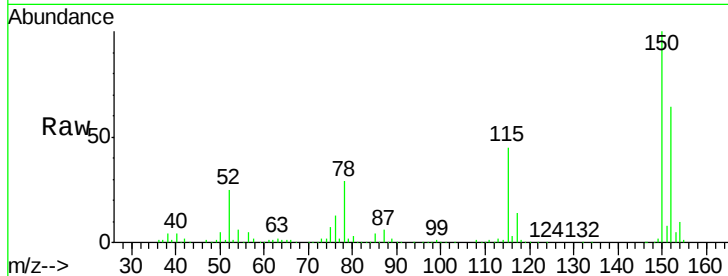
Tgt Ion:152 Resp: 566556

Ion Ratio Lower Upper

152 100

150 155.8 124.9 187.3

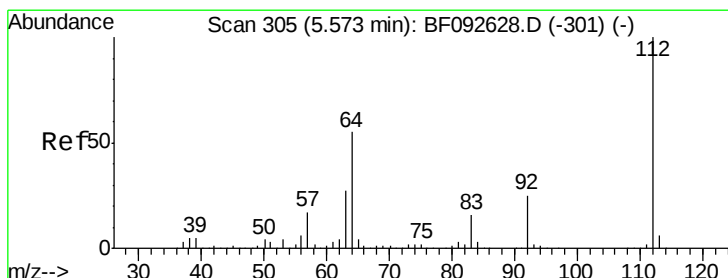
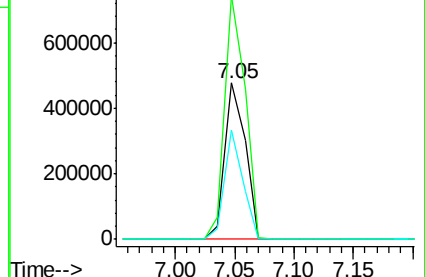
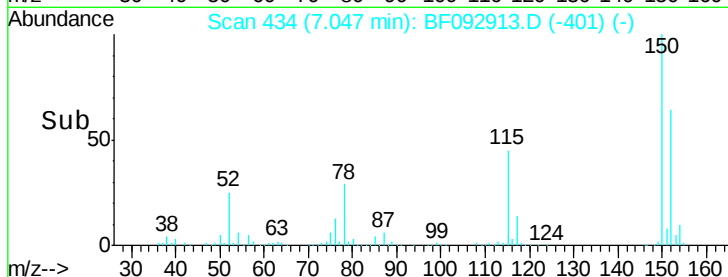
115 69.6 46.0 69.0#



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: 12.08 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092913.D

Acq: 11 Feb 2017 8:21

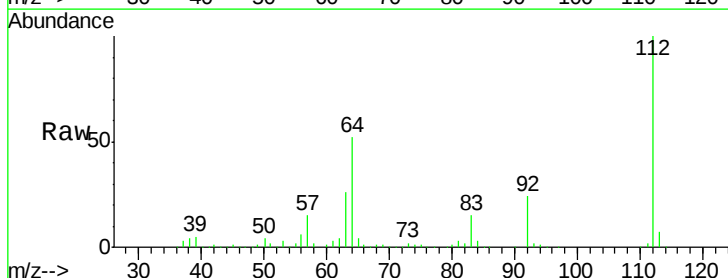
Tgt Ion:112 Resp: 399056

Ion Ratio Lower Upper

112 100

64 51.7 46.1 69.1

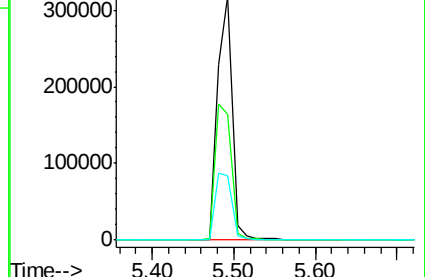
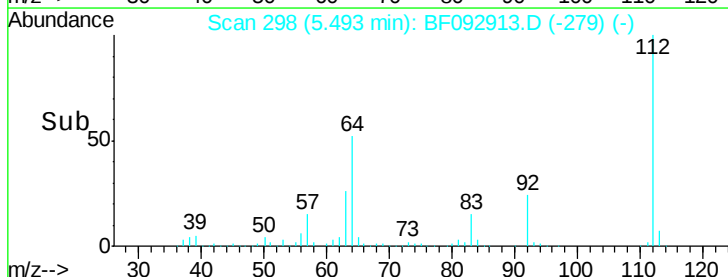
63 26.3 23.8 35.6



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: 7.45 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092913.D

Acq: 11 Feb 2017 8:21

Instrument :

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020817-PRRT-F-U-M

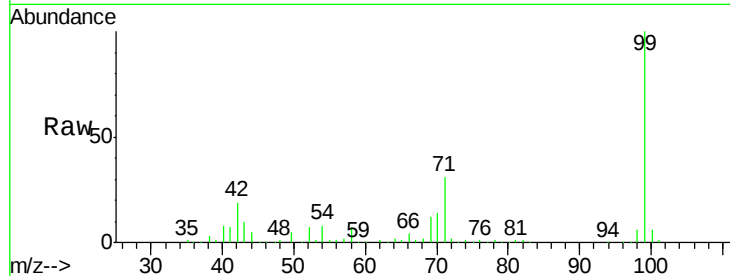
Tgt Ion: 99 Resp: 316738

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

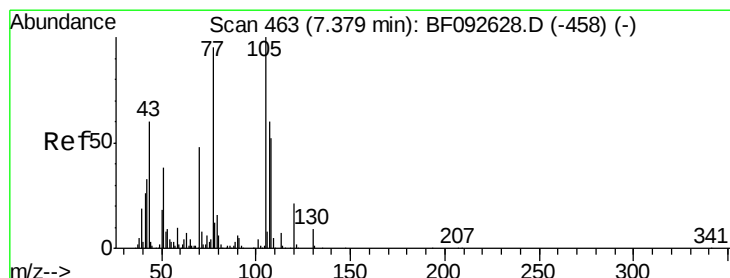
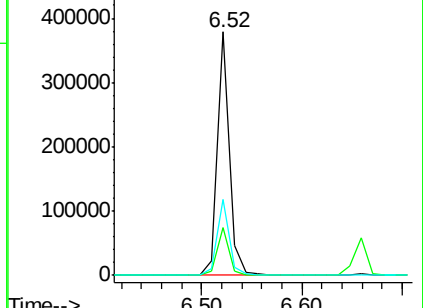
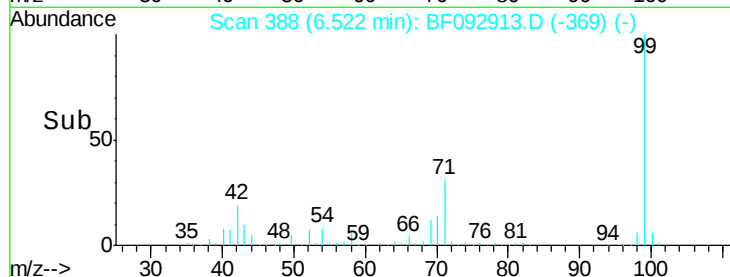
71 31.3 27.5 41.3



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: 4.61 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092913.D

Acq: 11 Feb 2017 8:21

Tgt Ion: 70 Resp: 124693

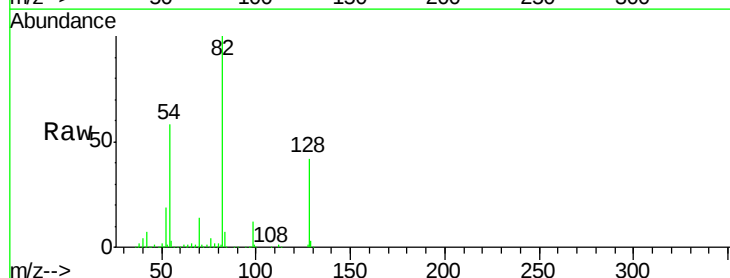
Ion Ratio Lower Upper

70 100

42 51.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

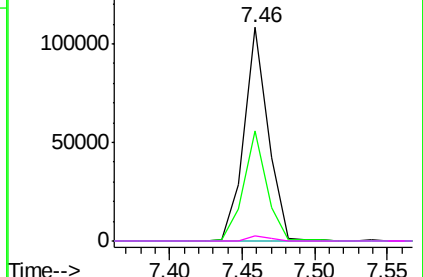
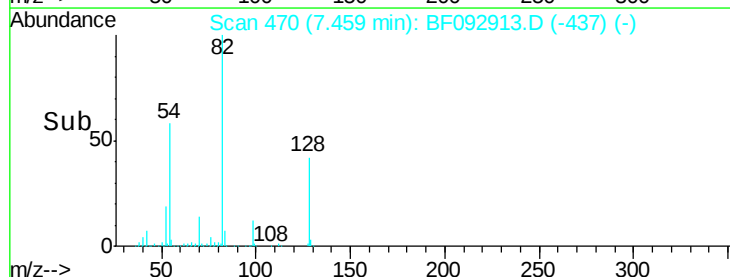


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

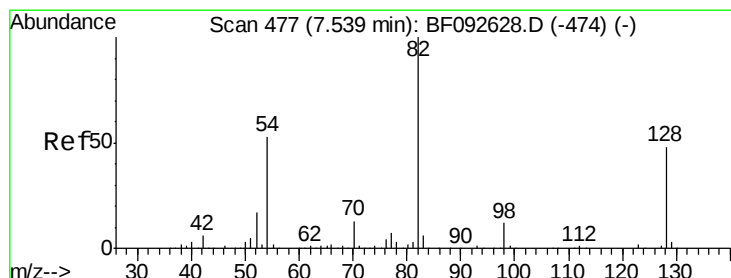
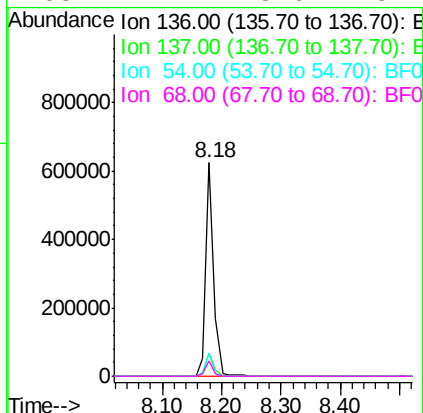
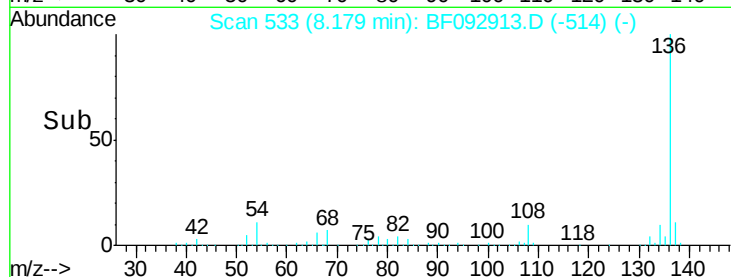
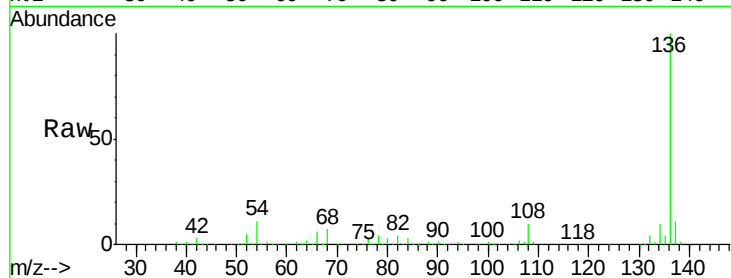




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092913.D
Acq: 11 Feb 2017 8:21

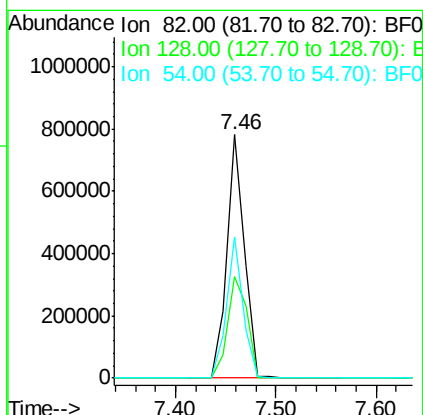
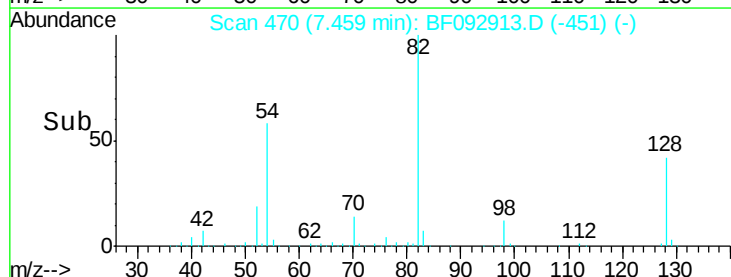
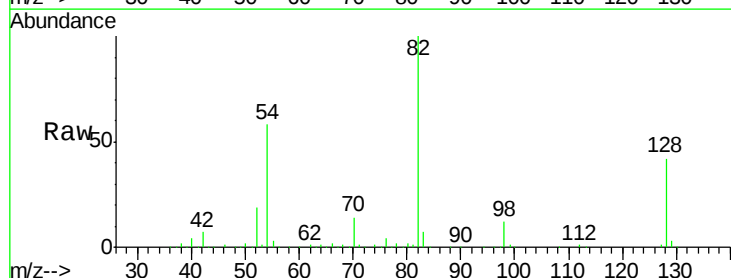
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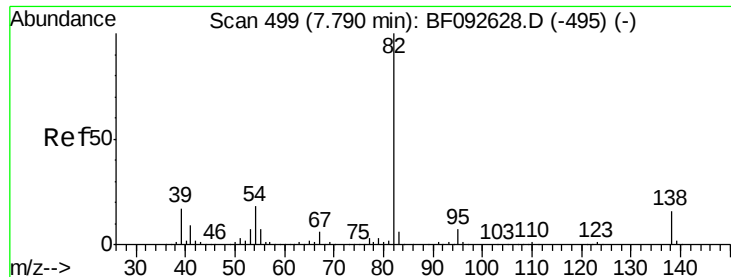
Tgt Ion:	136	Resp:	597610
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.8	4.5	6.7#
68	7.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 88.07 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092913.D
Acq: 11 Feb 2017 8:21

Tgt Ion:	82	Resp:	945101
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	58.1	39.5	59.3





#25

Isophorone

Concen: 46.84 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.33 min

Lab File: BF092913.D

Acq: 11 Feb 2017 8:21

Instrument :

BNA_F

ClientSampleId :

020817-PRRT-F-U-M

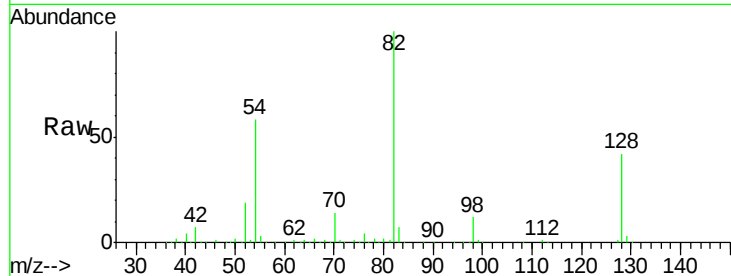
Tgt Ion: 82 Resp: 936767

Ion Ratio Lower Upper

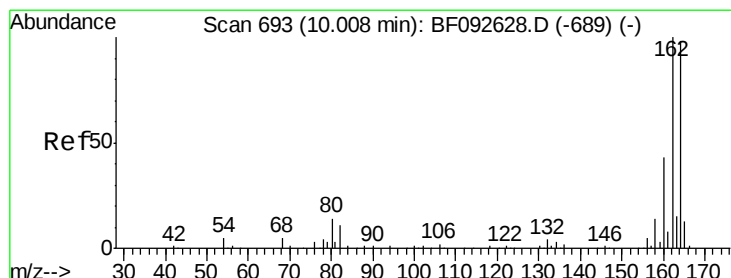
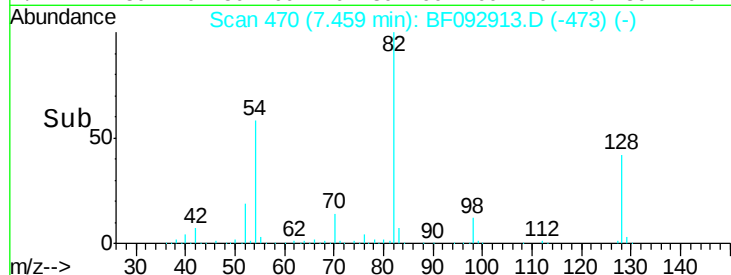
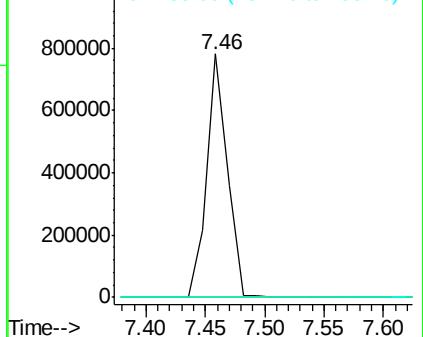
82 100

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: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092913.D

Acq: 11 Feb 2017 8:21

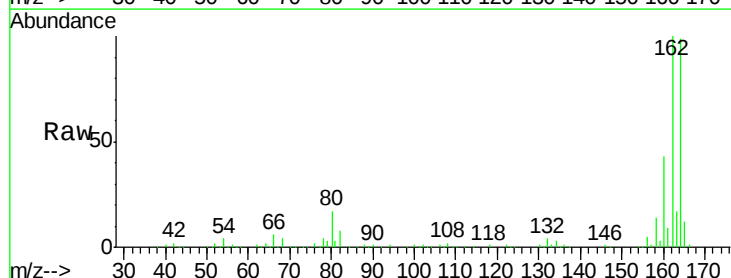
Tgt Ion: 164 Resp: 348093

Ion Ratio Lower Upper

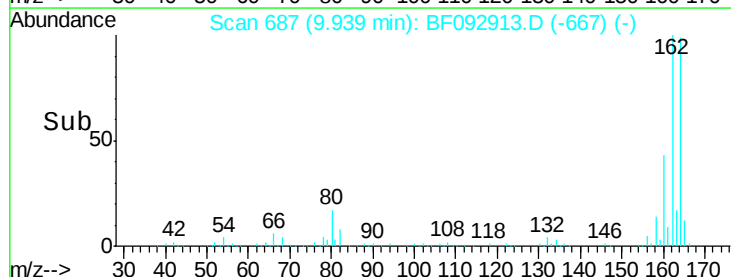
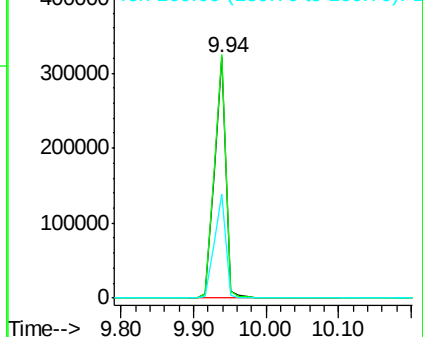
164 100

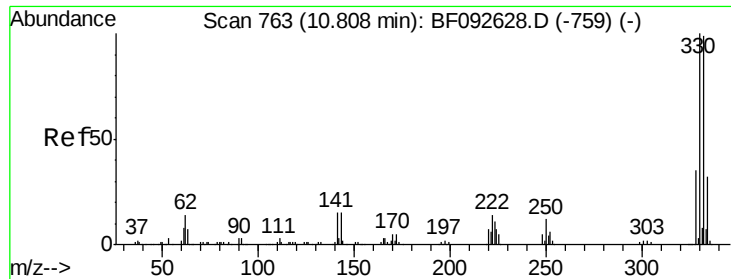
162 101.2 80.2 120.2

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

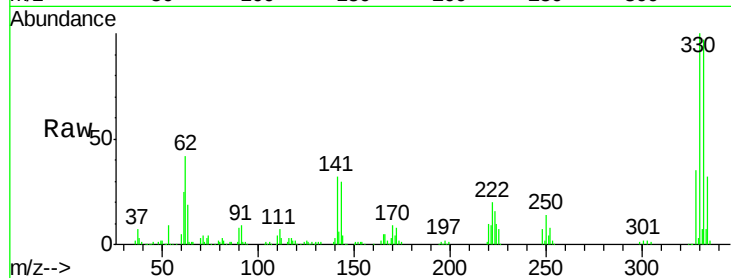




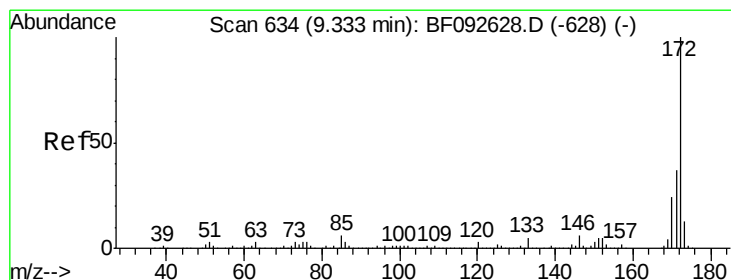
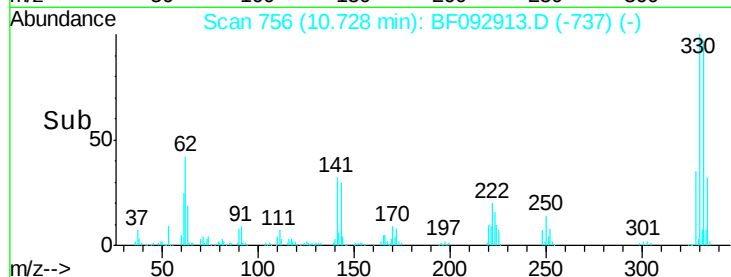
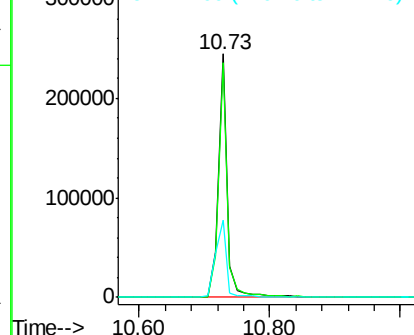
#41
 2,4,6-Tribromophenol
 Concen: 95.16 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	39.3	34.1	51.1

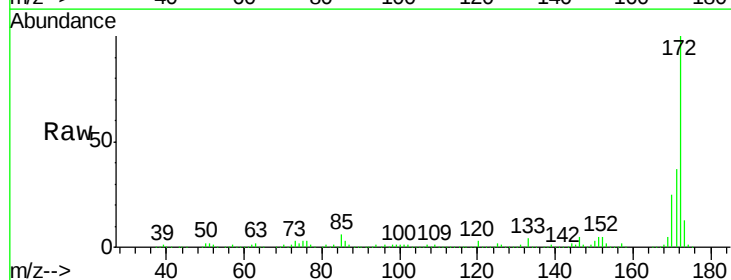


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

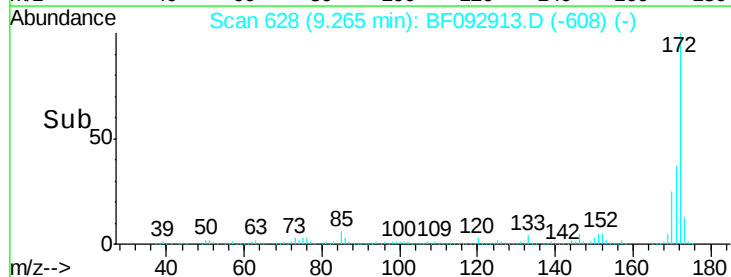
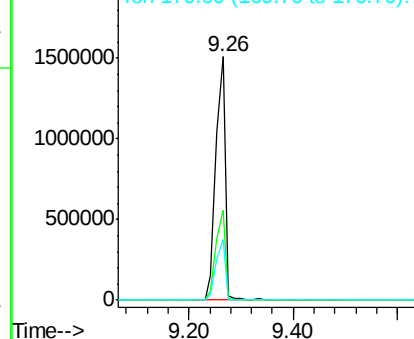


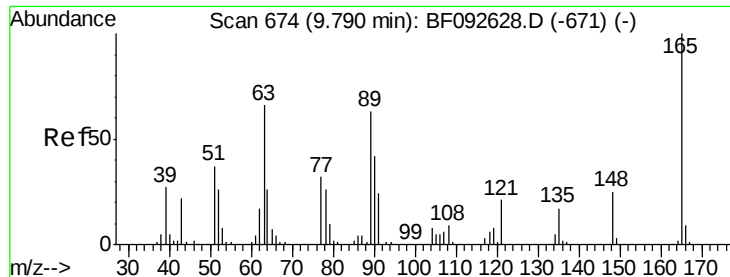
#44
 2-Fluorobiphenyl
 Concen: 99.91 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.8	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

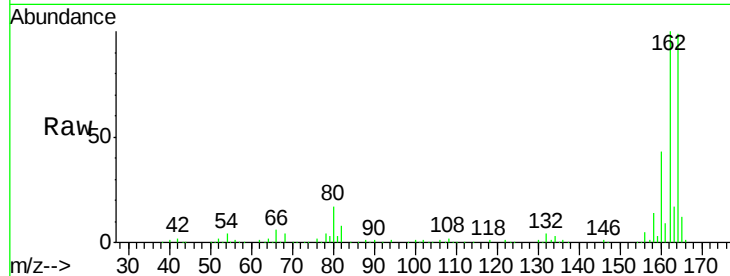




#50
 2,6-Dinitrotoluene
 Concen: 8.35 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-U-M

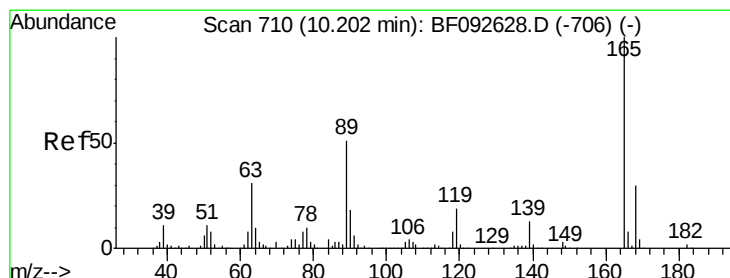
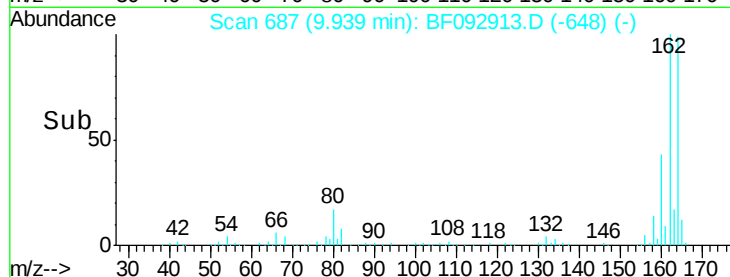
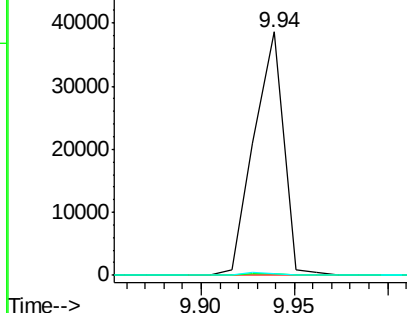
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.9	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

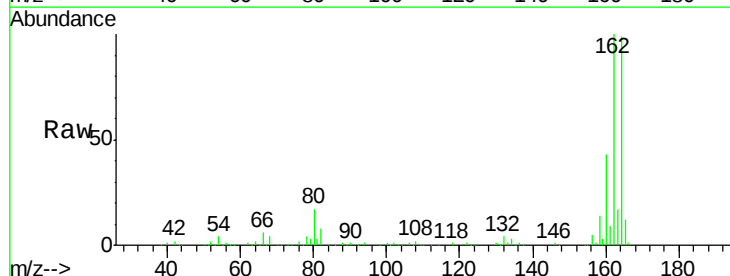
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

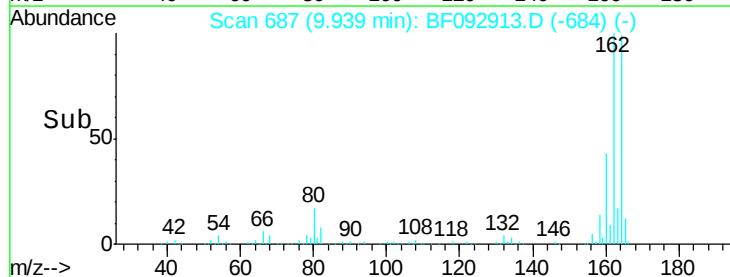
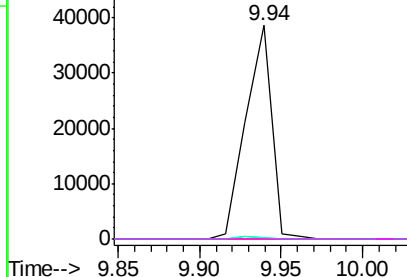


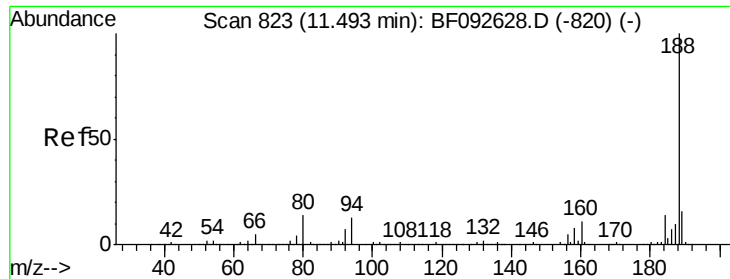
Abundance Ion 165.00 (164.70 to 165.70): E

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

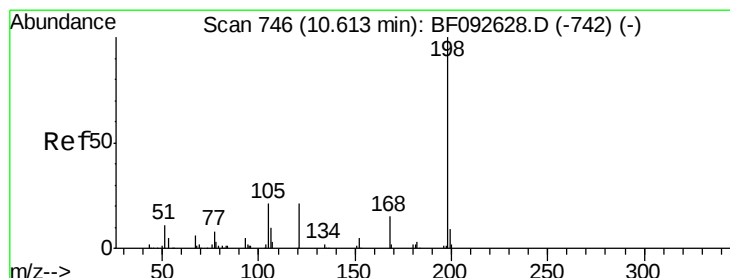
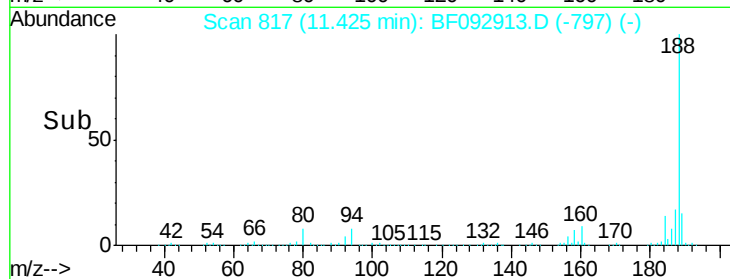
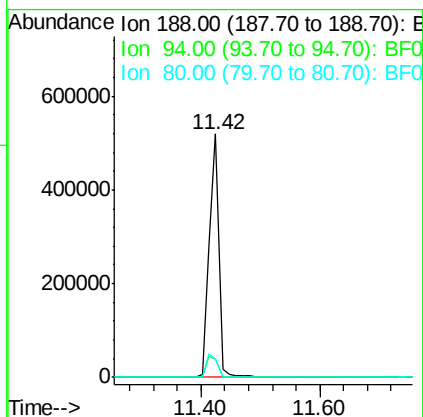
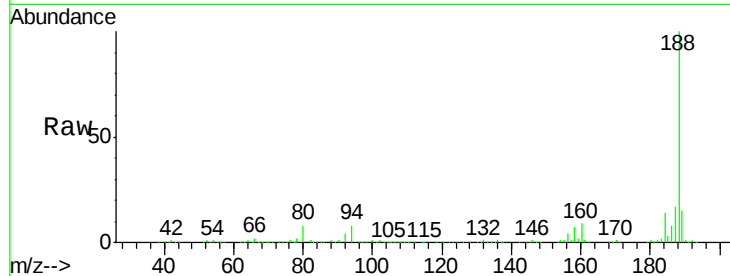




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092913.D
Acq: 11 Feb 2017 8:21

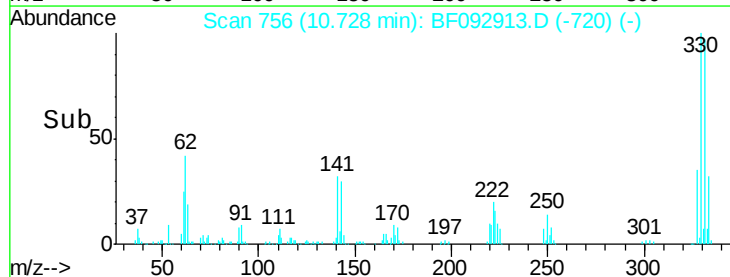
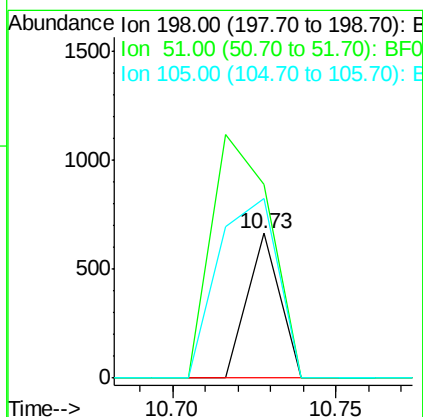
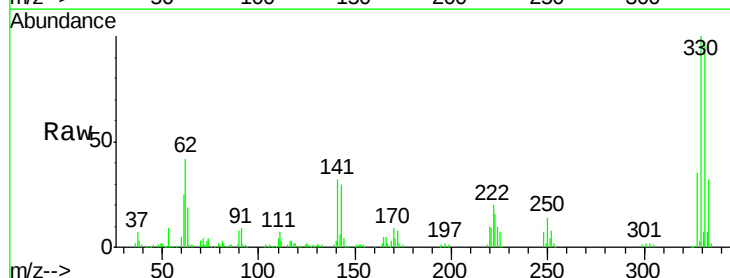
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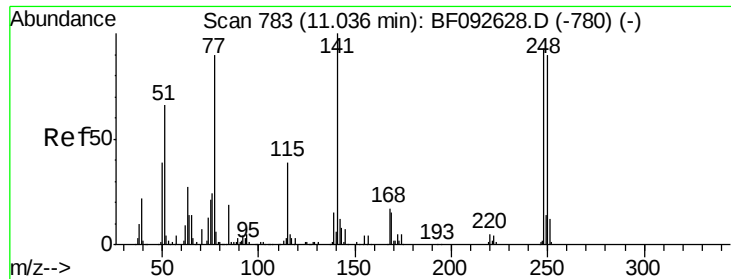
Tgt Ion:188 Resp: 581265
Ion Ratio Lower Upper
188 100
94 7.8 10.0 15.0#
80 7.8 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.11 min
Lab File: BF092913.D
Acq: 11 Feb 2017 8:21

Tgt Ion:198 Resp: 456
Ion Ratio Lower Upper
198 100
51 134.1 6.7 46.7#
105 123.9 16.6 56.6#

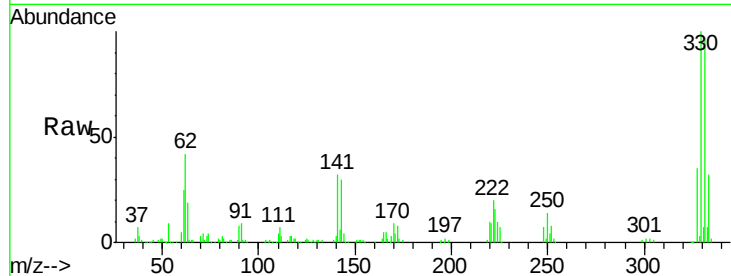




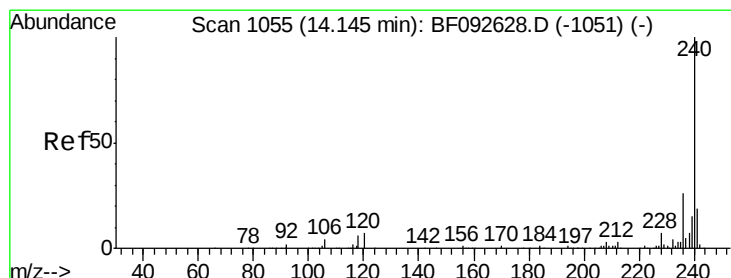
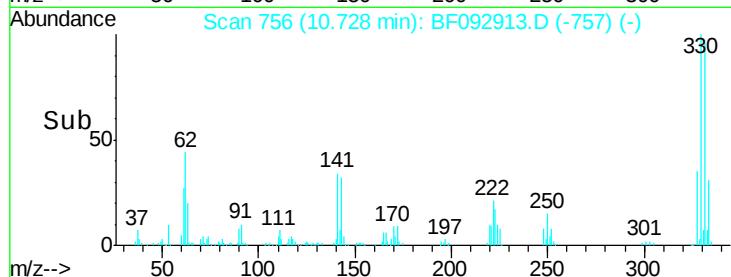
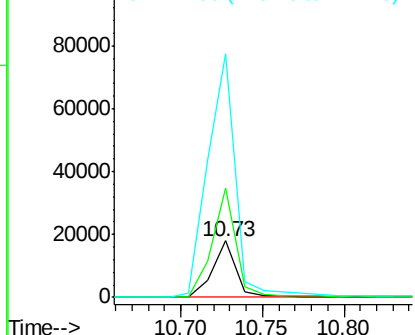
#66
 4-Bromophenyl-phenylether
 Concen: 2.94 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.31 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-U-M

Tgt Ion:248 Resp: 17844
 Ion Ratio Lower Upper
 248 100
 250 194.4 76.9 115.3#
 141 433.7 68.2 102.4#

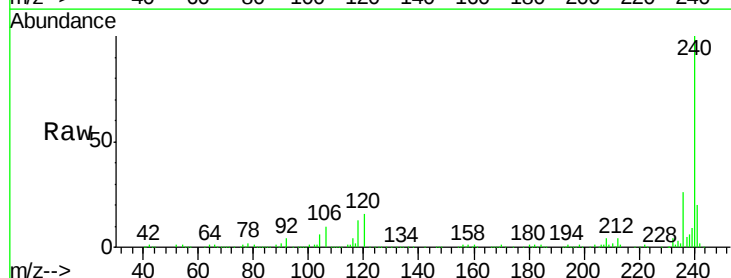


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

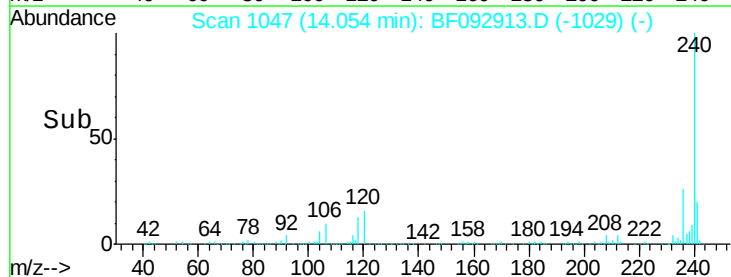
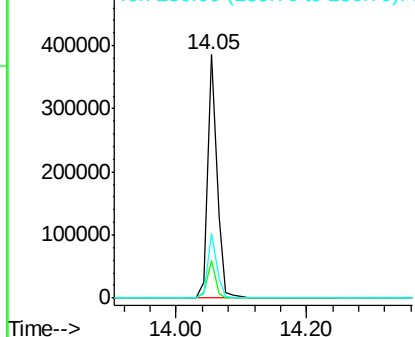


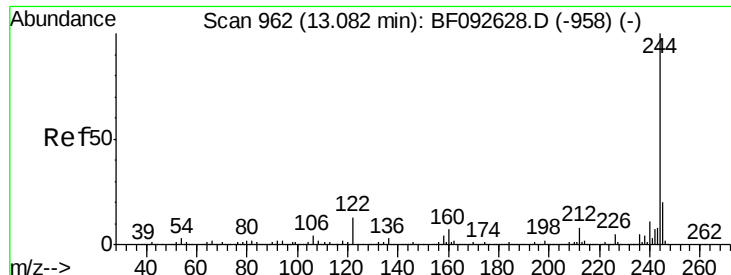
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.09 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Tgt Ion:240 Resp: 383554
 Ion Ratio Lower Upper
 240 100
 120 15.5 12.9 19.3
 236 26.5 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

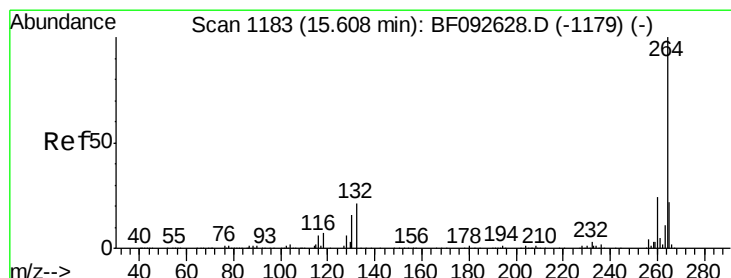
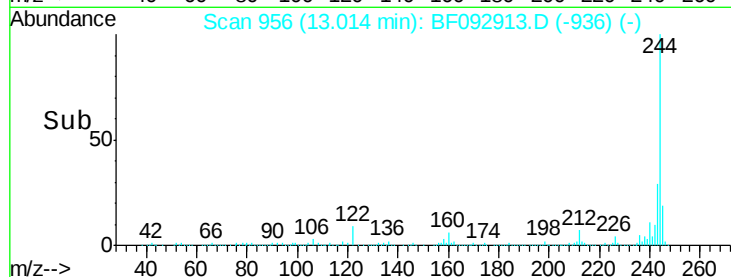
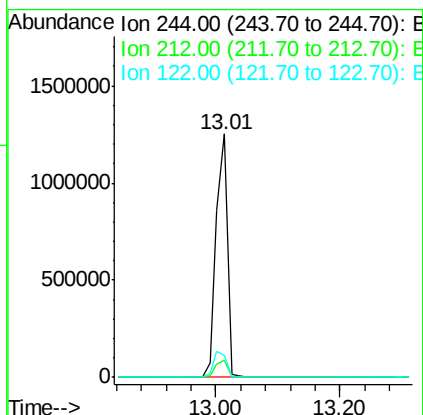
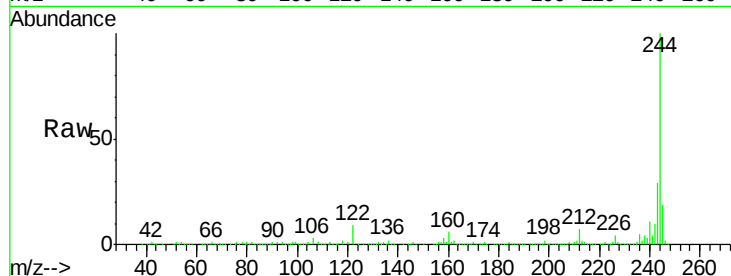




#78
 Terphenyl-d14
 Concen: 93.81 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-U-M

Tgt Ion:244 Resp: 1531395
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092913.D
 Acq: 11 Feb 2017 8:21

Tgt Ion:264 Resp: 301448
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.0

