

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098098.D
 Acq On : 29 Aug 2017 6:34
 Operator : SJ/JU
 Sample : I4959-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2013-RT3425-RT880-RT45915

Quant Time: Aug 29 09:32:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

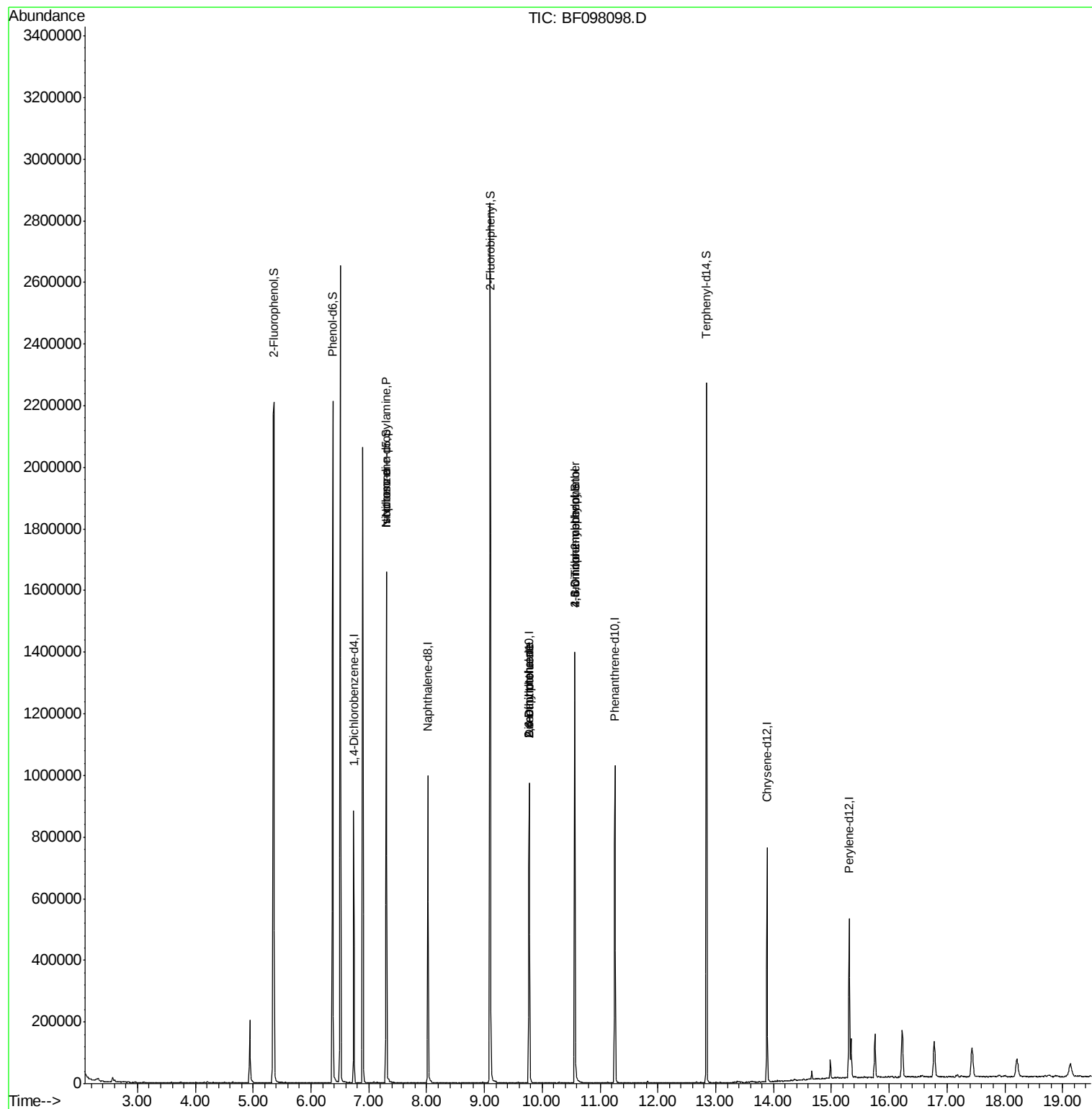
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	109729	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	434699	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	190784	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	359670	20.00	ng	0.00
75) Chrysene-d12	13.89	240	256434	20.00	ng	-0.01
86) Perylene-d12	15.31	264	246137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	695349	96.39	ng	0.00
7) Phenol-d6	6.37	99	884329	90.22	ng	-0.01
23) Nitrobenzene-d5	7.30	82	593618	74.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	169670	102.50	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	904718	69.67	ng	-0.01
78) Terphenyl-d14	12.84	244	748734	60.89	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	78709	11.731	ng	# 70
25) Isophorone	7.30	82	585414	35.184	ng	# 67
49) Dimethylphthalate	9.77	163	48995	3.513	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	23447	8.423	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	23447	6.712	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	261	8.448	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	11122	2.978	ng	# 1

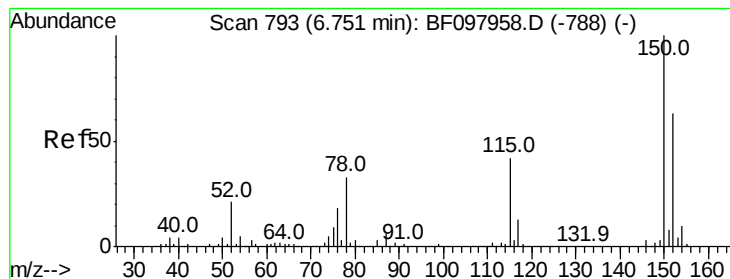
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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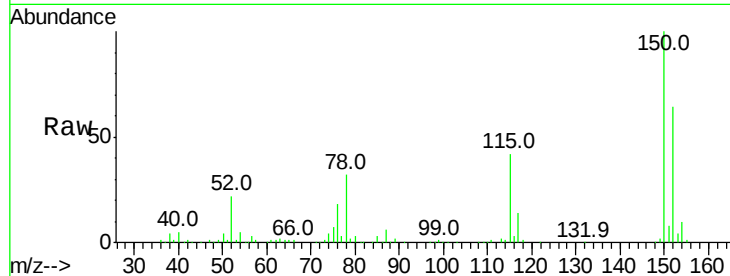


#1

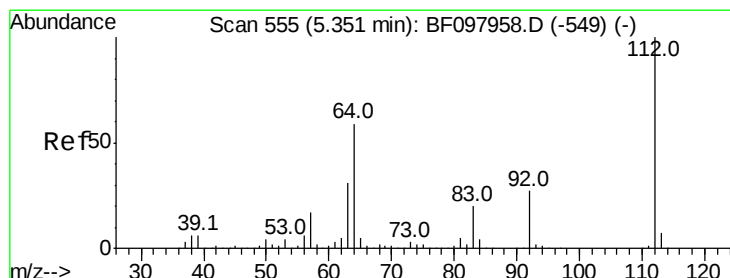
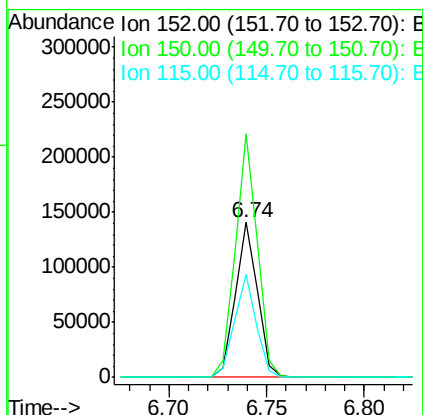
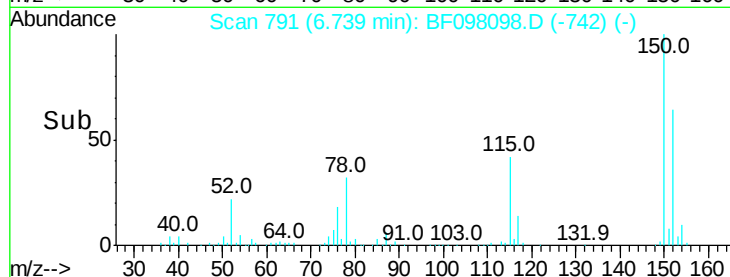
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tot Ion:152 Resp: 109729
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 66.4 52.2 78.2



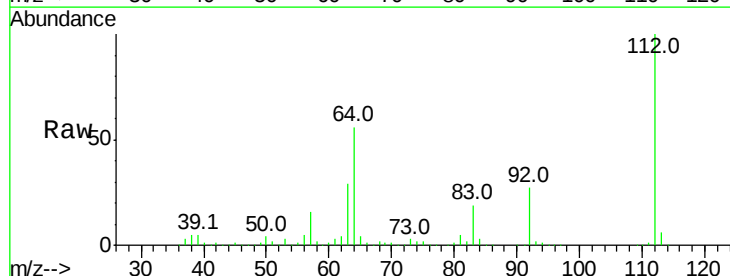
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



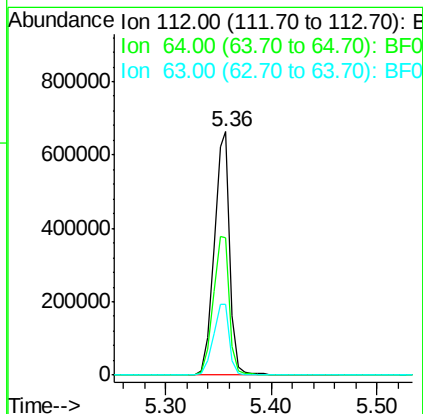
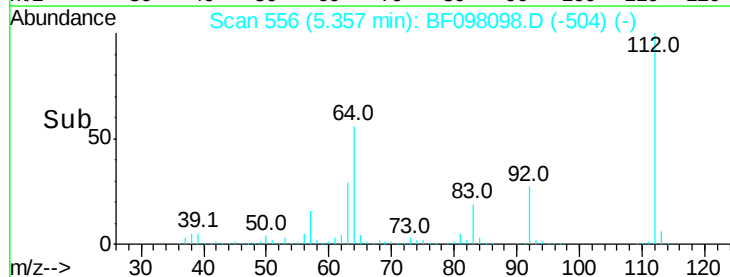
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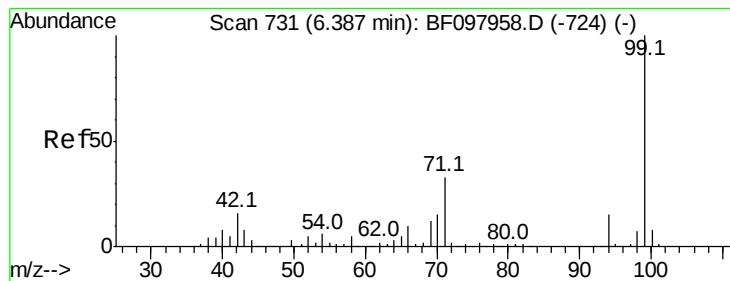
2-Fluorophenol
Concen: 96.390 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:112 Resp: 695349
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 28.9 23.4 35.0



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: 90.223 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

Instrument :

BNA_F

ClientSampleId :

2013-RT3425-RT880-RT45915

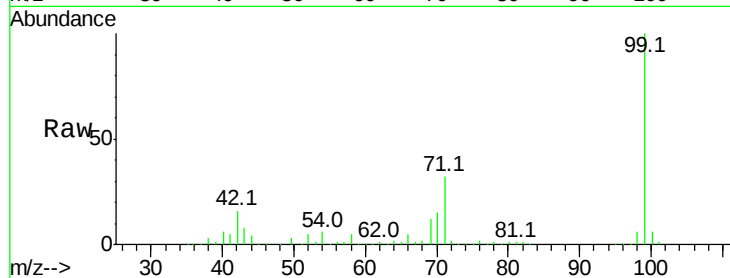
Tot Ion: 99 Resp: 884329

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

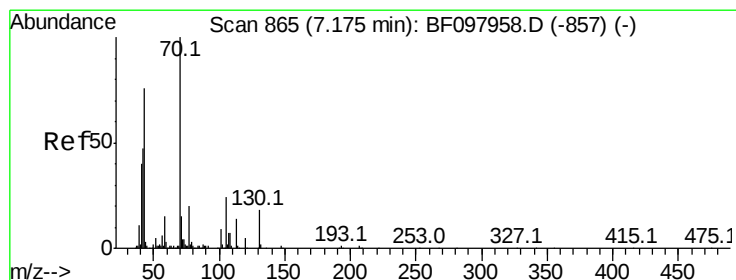
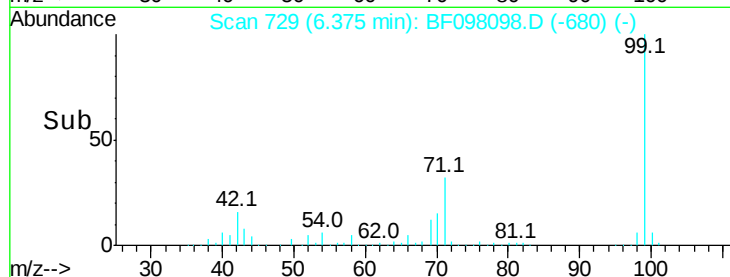
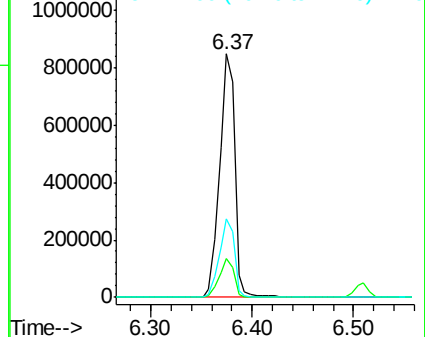
71 32.3 24.5 36.7



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: 11.731 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

Tgt Ion: 70 Resp: 78709

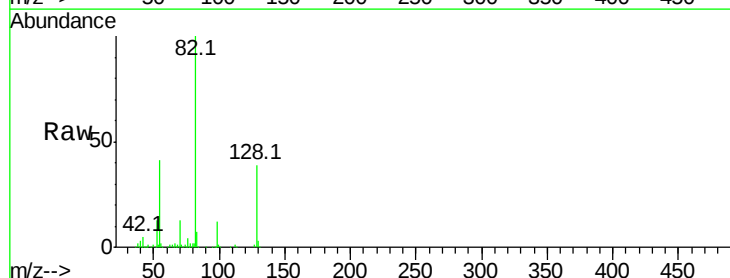
Ion Ratio Lower Upper

70 100

42 38.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

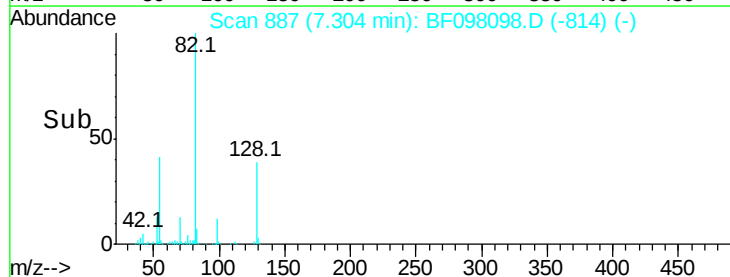
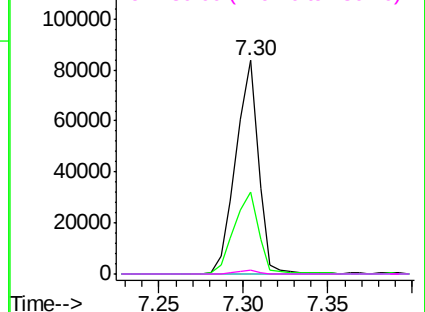


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

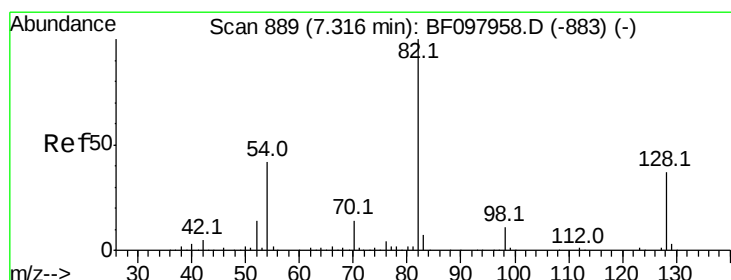
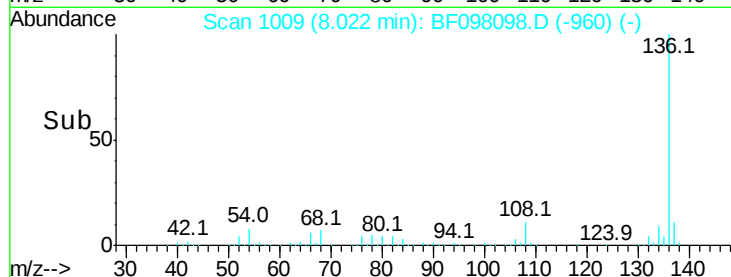
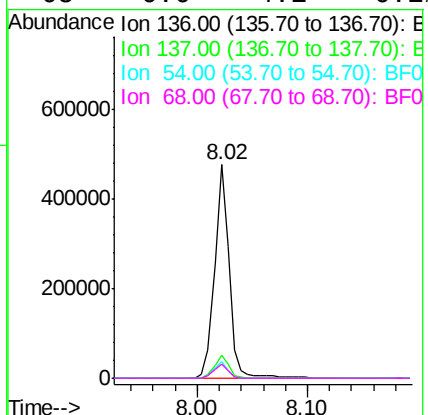
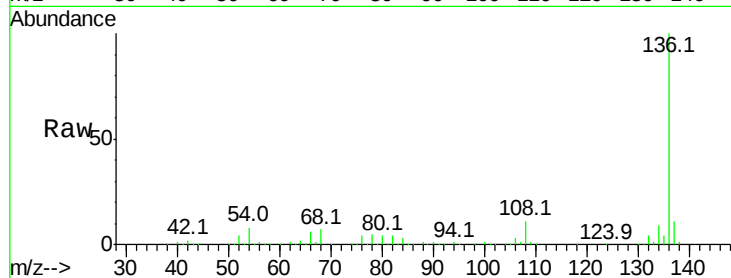




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

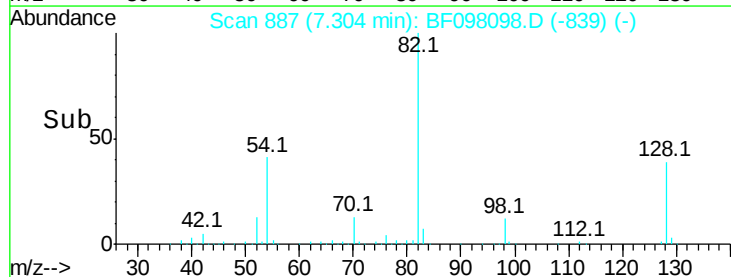
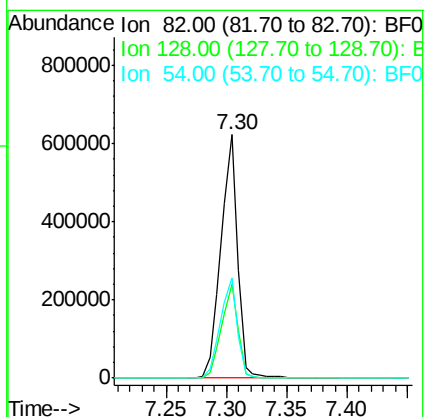
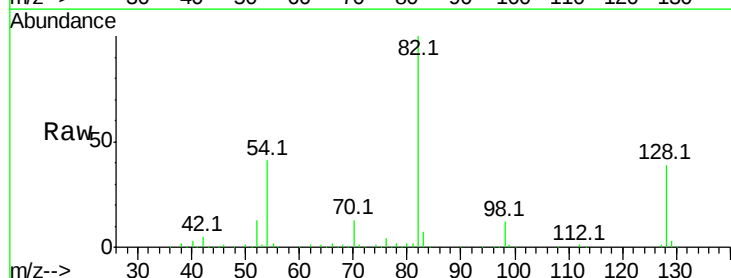
Instrument :
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ClientSampleId :
2013-RT3425-RT880-RT45915

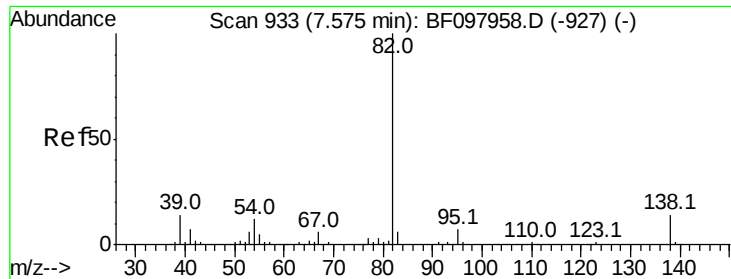
Tot Ion:	136	Resp:	434699
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.9	4.9	7.3#
68	6.6	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 74.185 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:	82	Resp:	593618
Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.0	51.0
54	41.3	42.2	63.2#





#25

Isophorone

Concen: 35.184 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

Instrument :

BNA_F

ClientSampleId :

2013-RT3425-RT880-RT45915

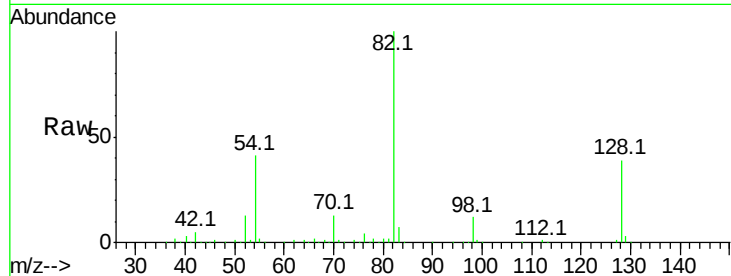
Tot Ion: 82 Resp: 585414

Ion Ratio Lower Upper

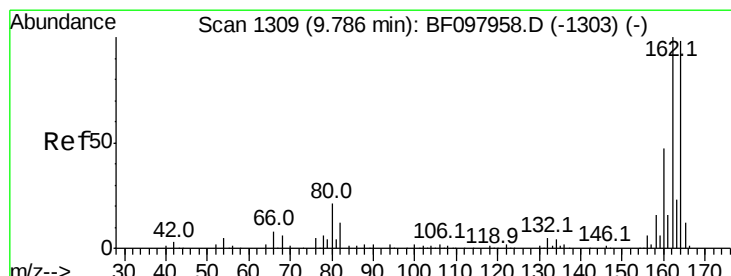
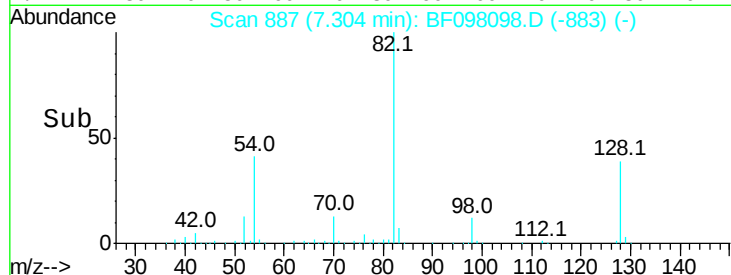
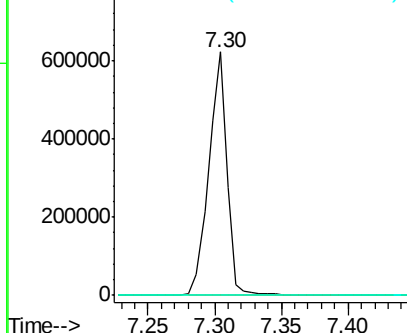
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

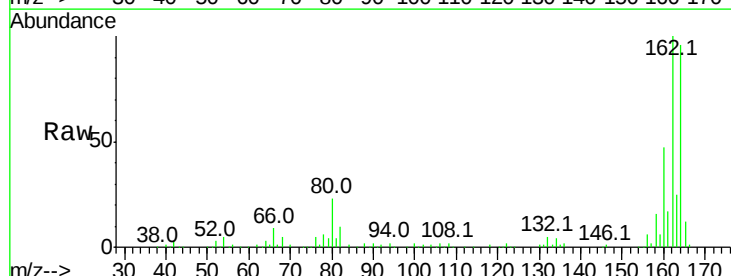
Tgt Ion:164 Resp: 190784

Ion Ratio Lower Upper

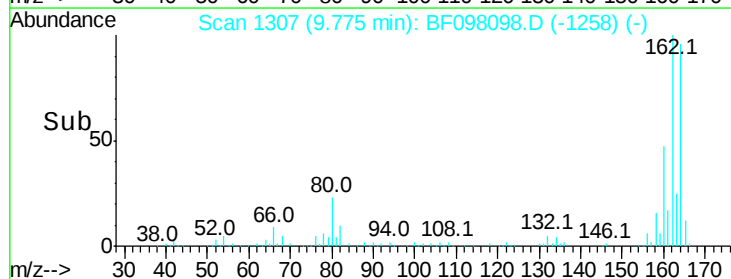
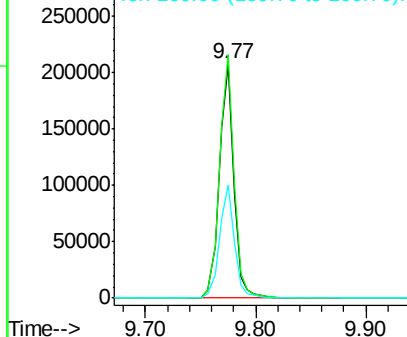
164 100

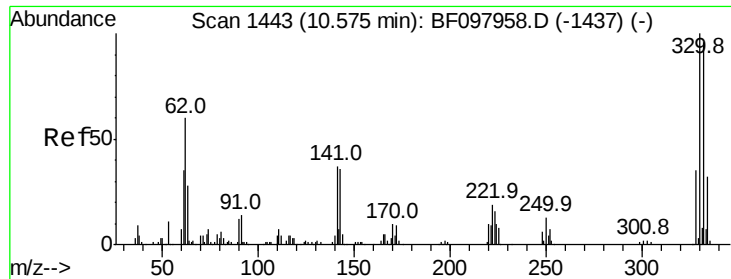
162 104.1 82.6 123.8

160 48.5 36.2 54.2



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

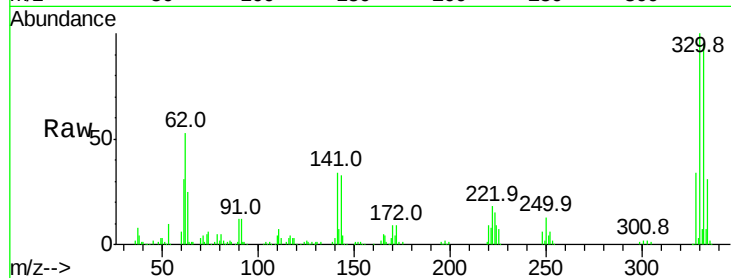




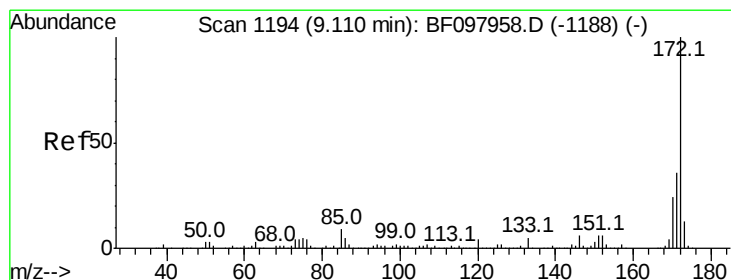
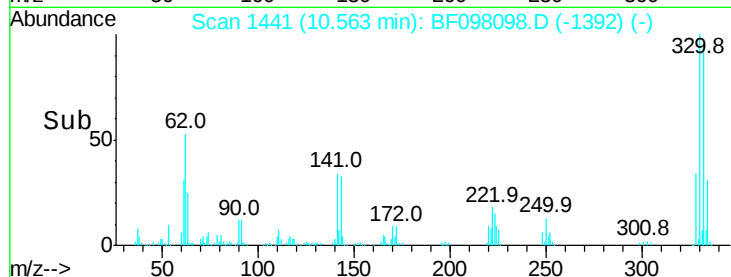
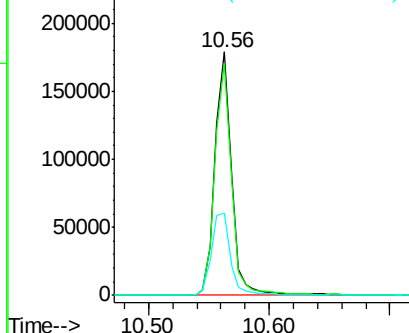
#41
 2,4,6-Tribromophenol
 Concen: 102.497 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098098.D
 Acq: 29 Aug 2017 6:34

Instrument :
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 2013-RT3425-RT880-RT45915

Tot Ion:330 Resp: 169670
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 39.3 31.4 47.2

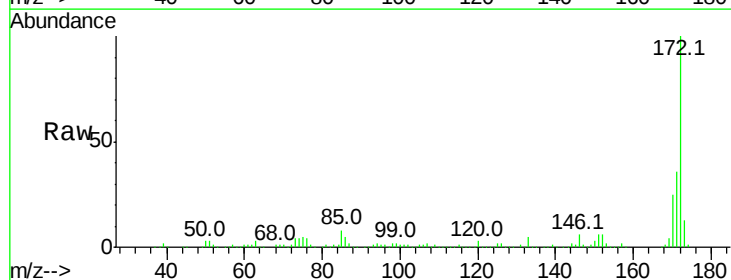


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

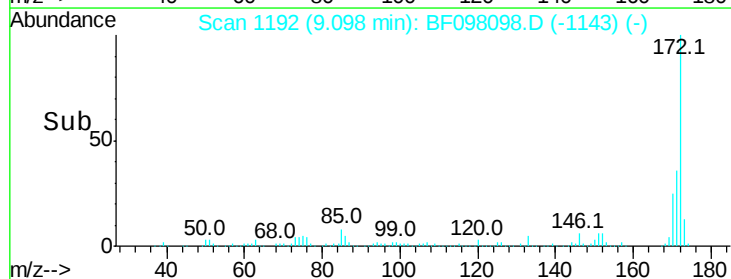
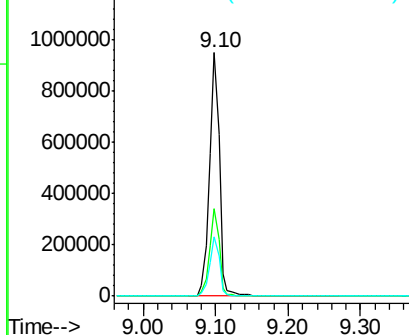


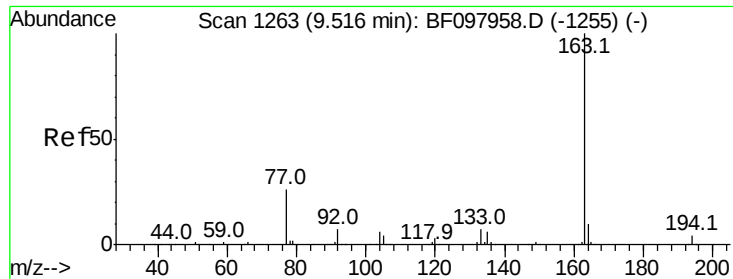
#44
 2-Fluorobiphenyl
 Concen: 69.671 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098098.D
 Acq: 29 Aug 2017 6:34

Tgt Ion:172 Resp: 904718
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.5 19.8 29.8



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

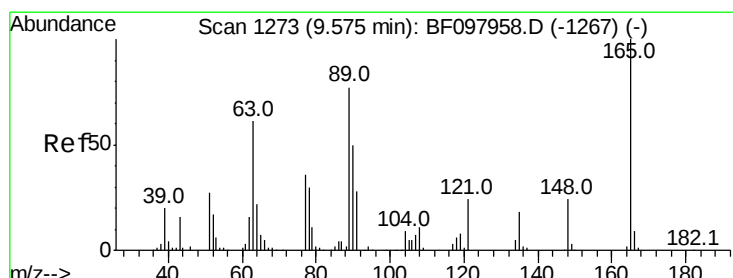
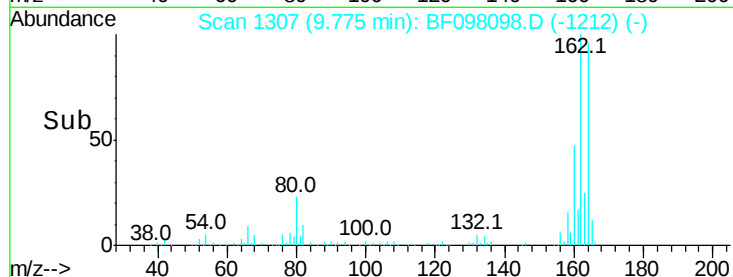
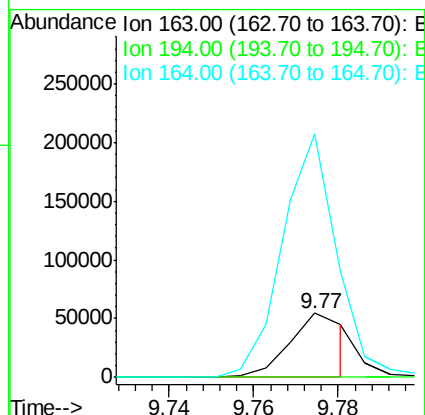
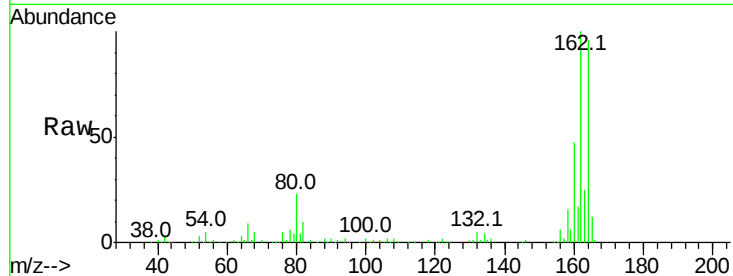




#49
Dimethylphthalate
Concen: 3.513 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

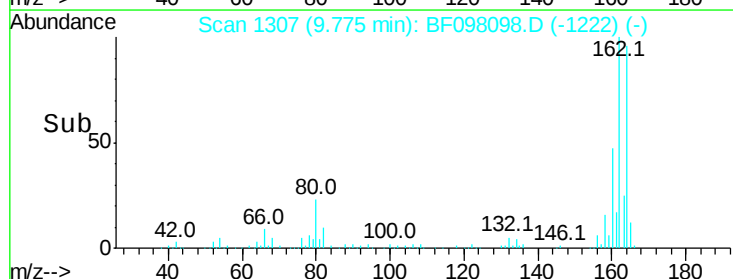
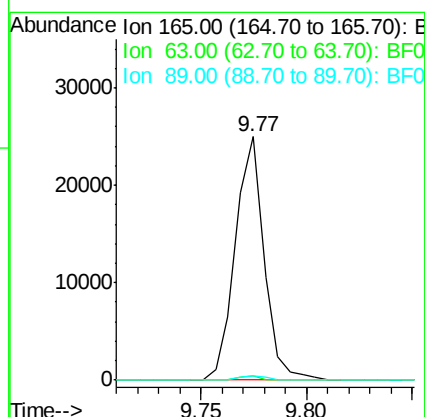
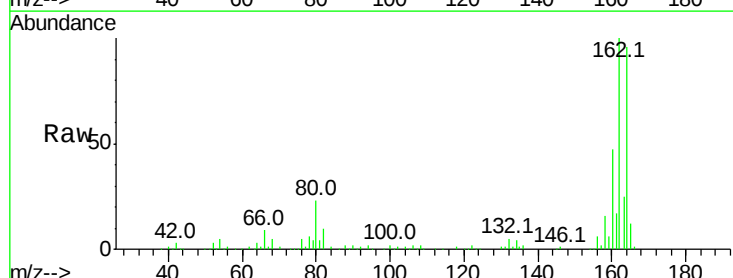
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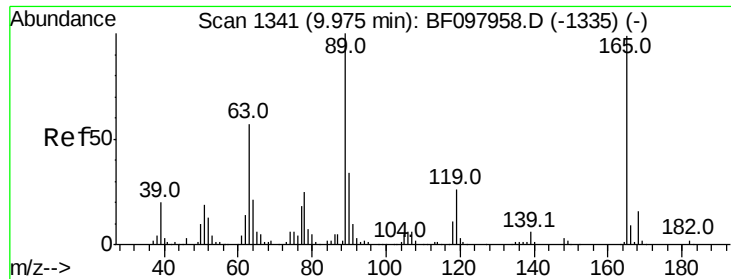
Tot Ion:163 Resp: 48995
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 380.6 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 8.423 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:165 Resp: 23447
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.6 37.1 55.7#

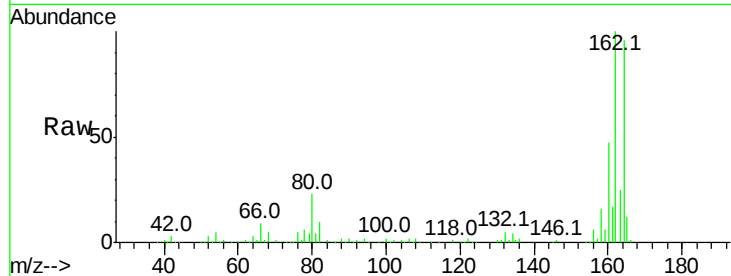




#56
 2,4-Dinitrotoluene
 Concen: 6.712 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098098.D
 Acq: 29 Aug 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 2013-RT3425-RT880-RT45915

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

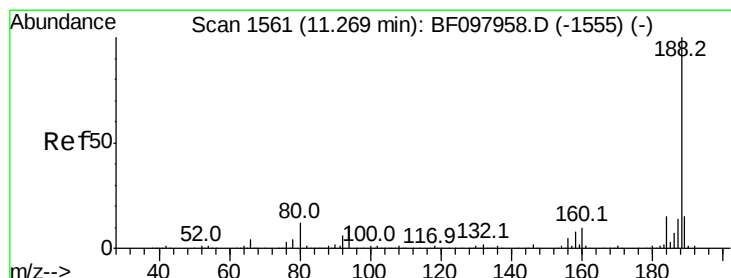
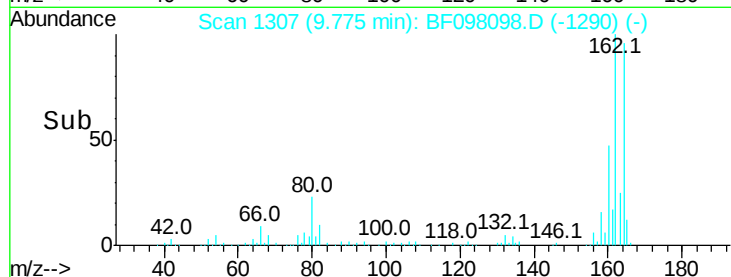
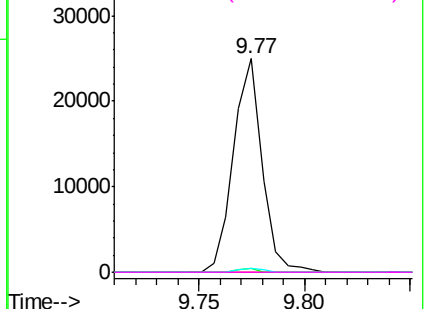


Abundance Ion 165.00 (164.70 to 165.70): E

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



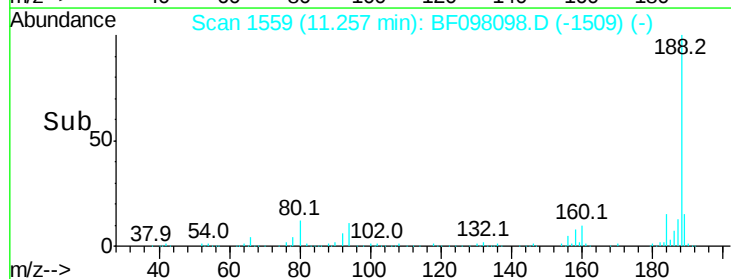
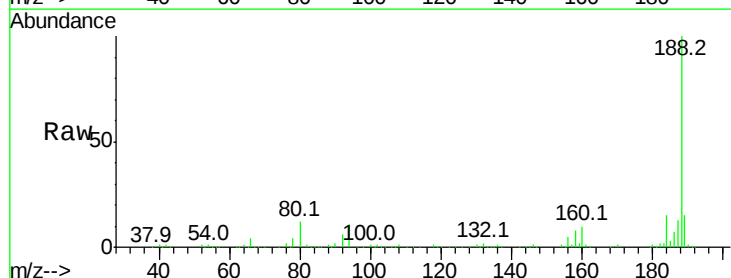
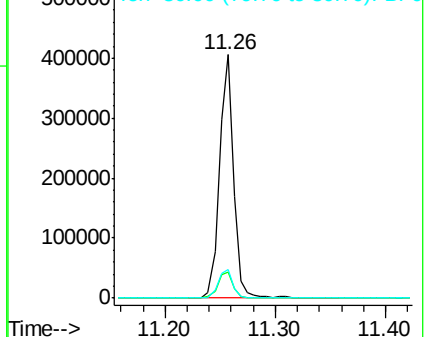
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098098.D
 Acq: 29 Aug 2017 6:34

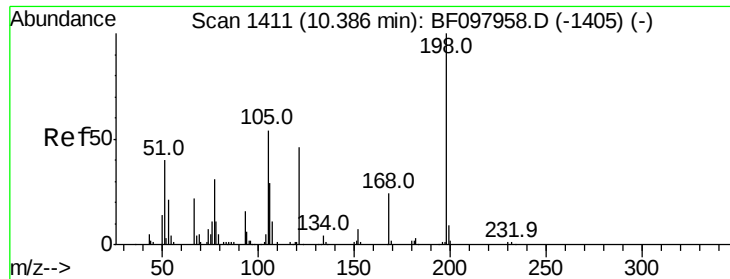
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.9	10.2	15.2

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

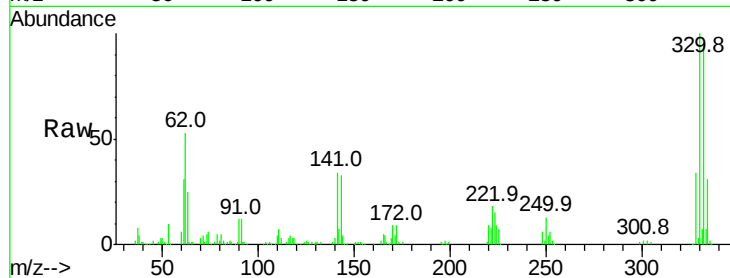




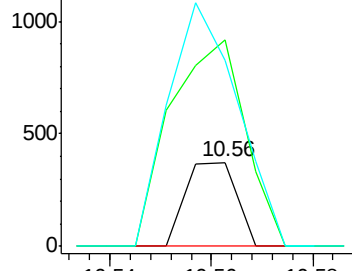
#64
4,6-Dinitro-2-methylphenol
Concen: 8.448 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

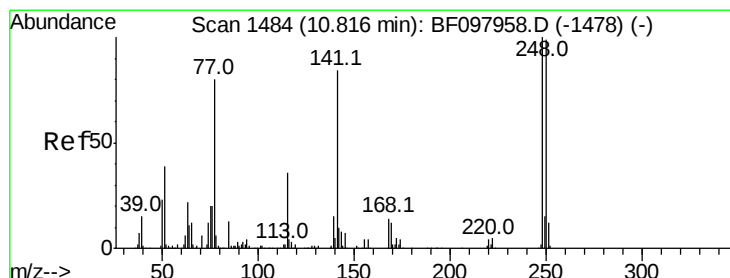
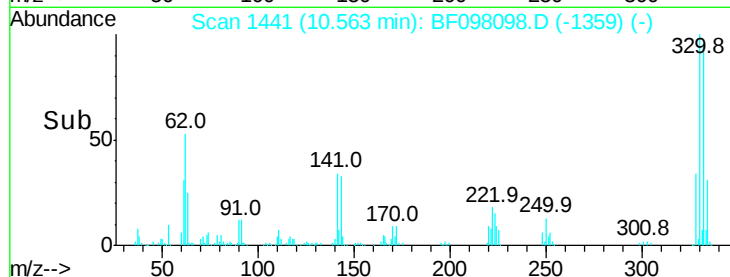
Tot Ion	Ratio	Lower	Upper
198	100		
51	244.9	53.2	93.2#
105	221.1	45.8	85.8#



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

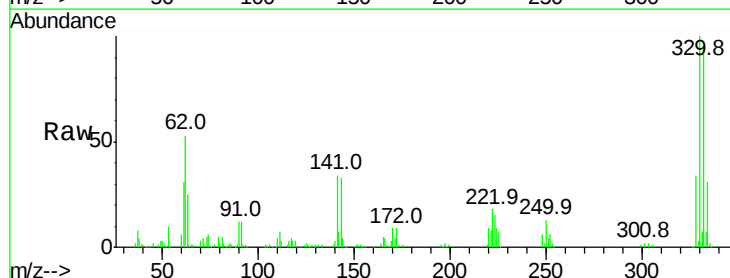


Time-->

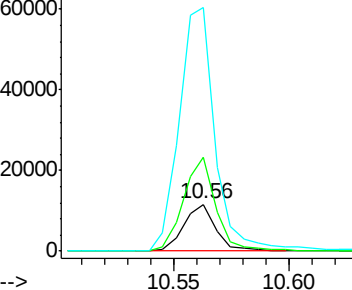


#66
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

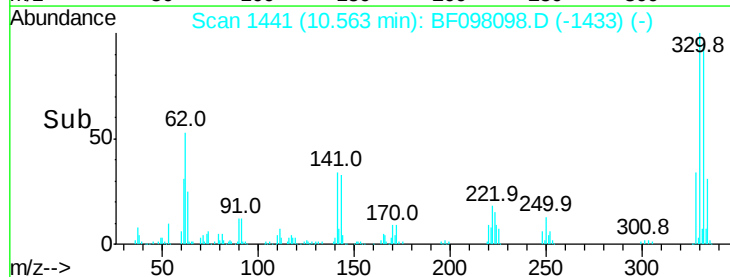
Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.2	76.8	115.2#
141	519.7	68.6	103.0#

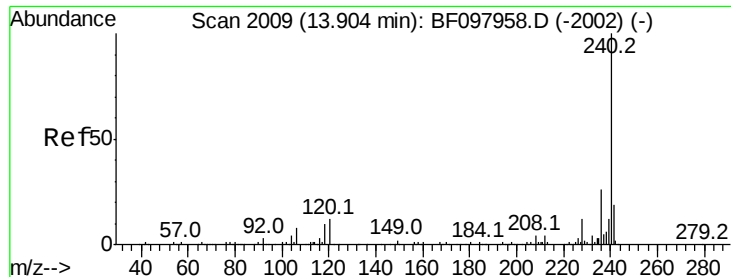


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

Instrument :

BNA_F

ClientSampleId :

2013-RT3425-RT880-RT45915

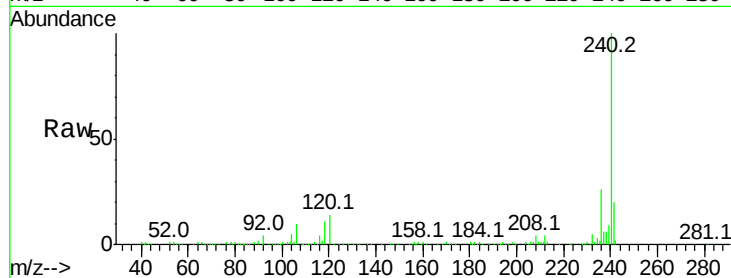
Tot Ion:240 Resp: 256434

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

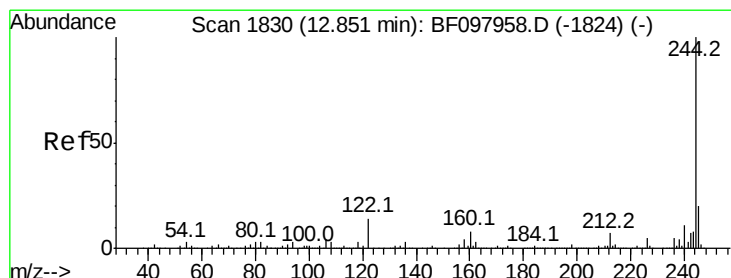
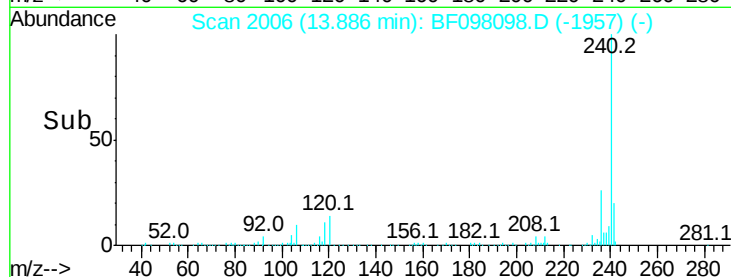
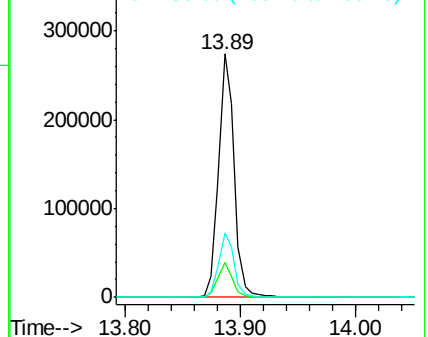
236 26.3 20.5 30.7



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: 60.887 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

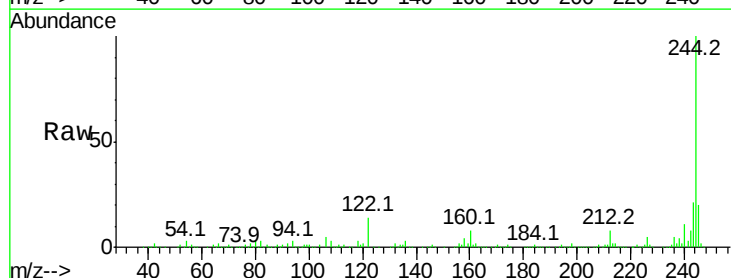
Tgt Ion:244 Resp: 748734

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

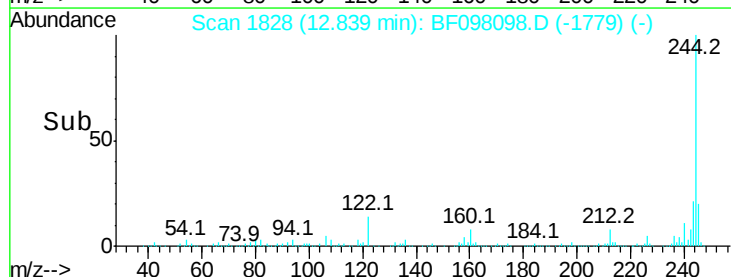
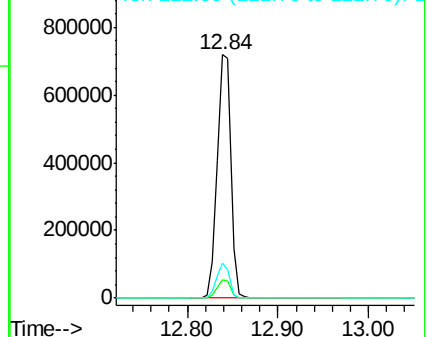
122 14.4 10.3 15.5

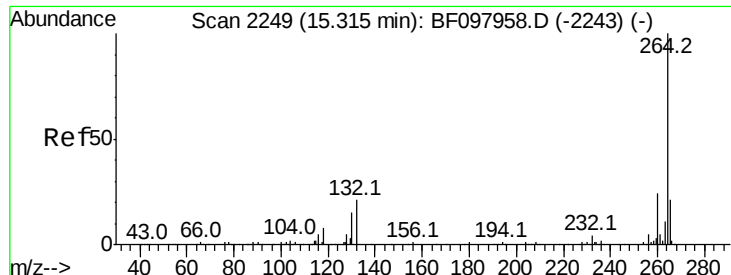


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

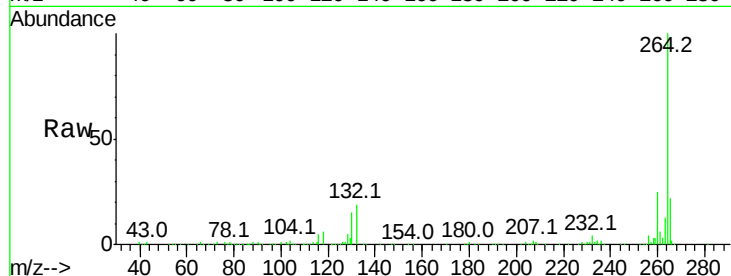




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.2	25.8



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

