

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098016.D
 Acq On : 24 Aug 2017 21:54
 Operator : SJ/JU
 Sample : I4925-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-4

Quant Time: Aug 25 01:03:16 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

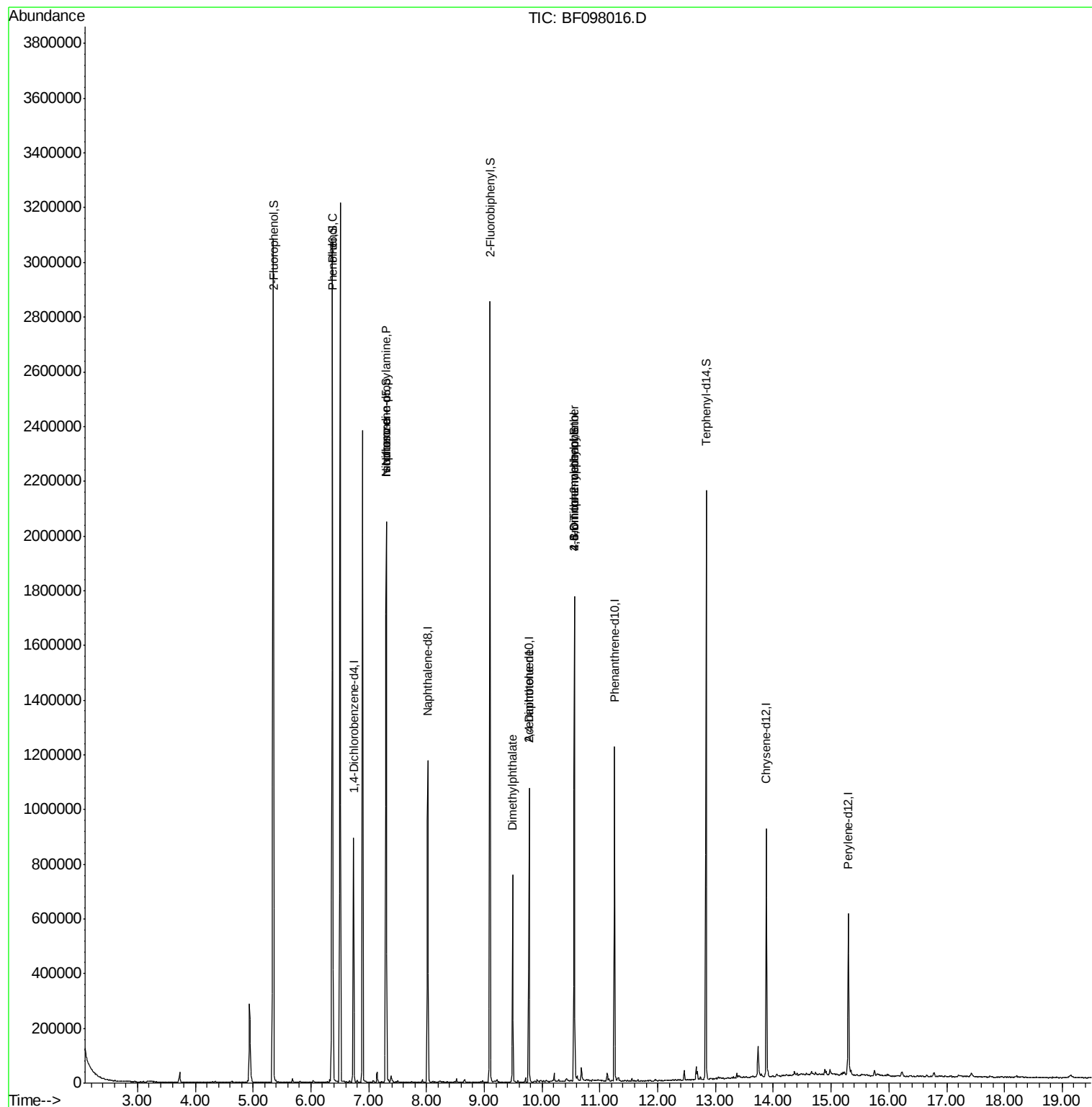
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	128915	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	506797	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	216089	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	396627	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	287483	20.00	ng	-0.02
86) Perylene-d12	15.30	264	255991	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1045821	123.40	ng	0.00
7) Phenol-d6	6.37	99	1418552	123.19	ng	-0.01
23) Nitrobenzene-d5	7.30	82	767890	82.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	205701	109.71	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	864233	58.76	ng	-0.01
78) Terphenyl-d14	12.84	244	644401	46.74	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.39	94	39477	2.93	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	103158	13.09	ng	# 71
25) Isophorone	7.30	82	750482	38.69	ng	# 67
49) Dimethylphthalate	9.49	163	248120	15.71	ng	99
56) 2,4-Dinitrotoluene	9.77	165	27581	6.97	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	490	8.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	13979	3.39	ng	# 1

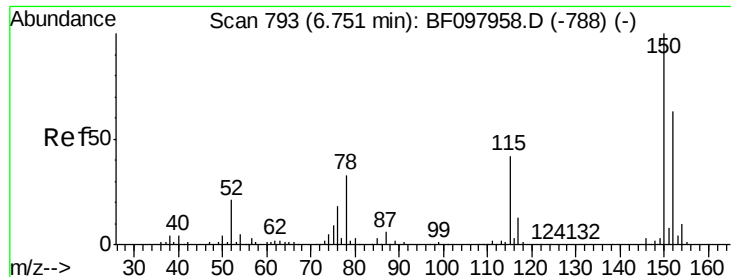
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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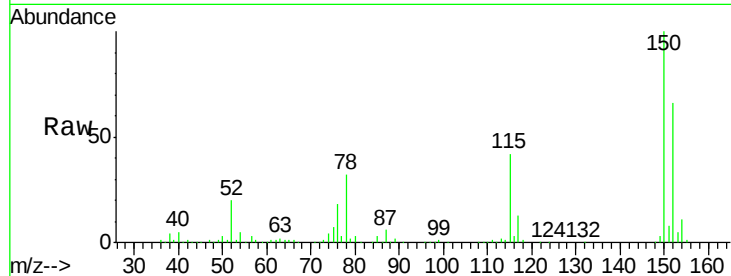


#1

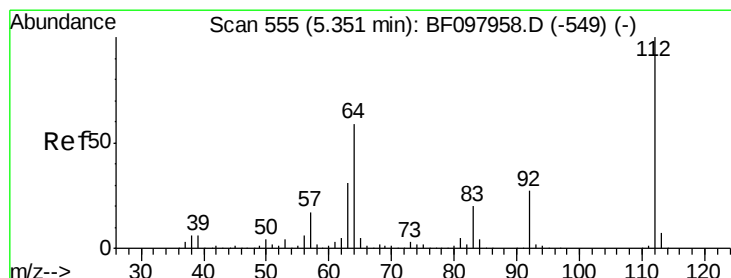
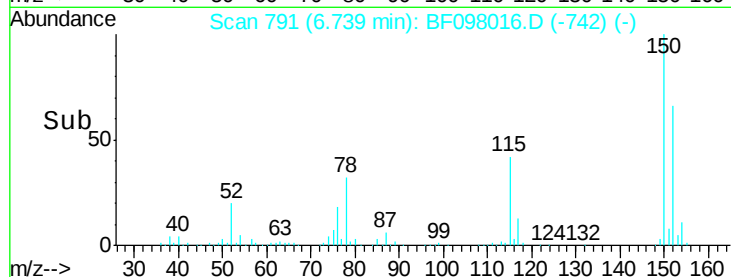
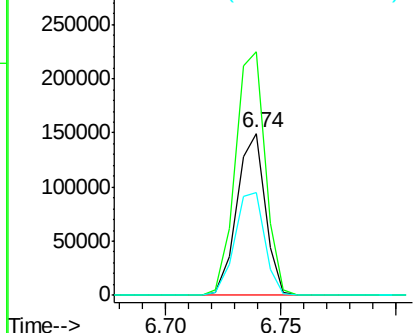
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

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Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	126.2	189.2
115	63.2	52.2	78.2



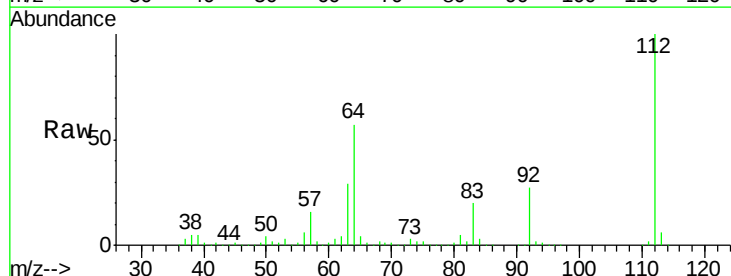
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



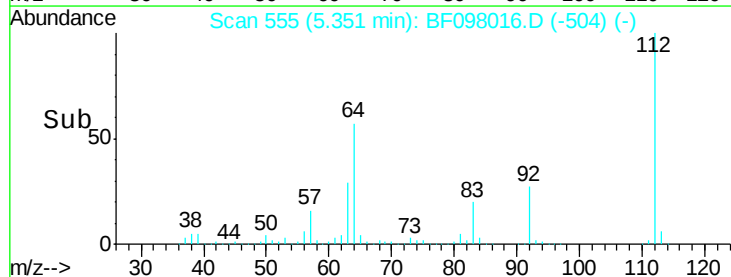
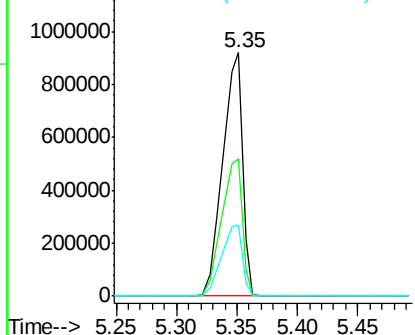
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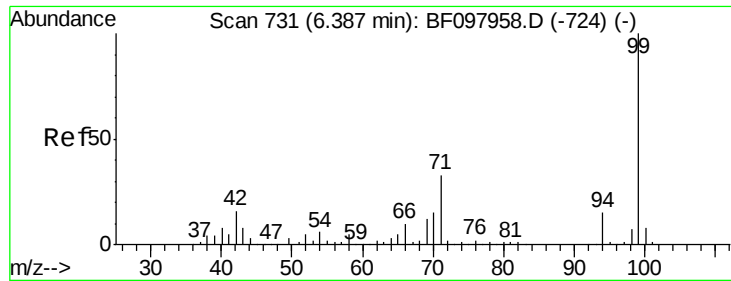
2-Fluorophenol
Concen: 123.40 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098016.D
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	28.9	23.4	35.0



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: 123.19 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

Instrument :

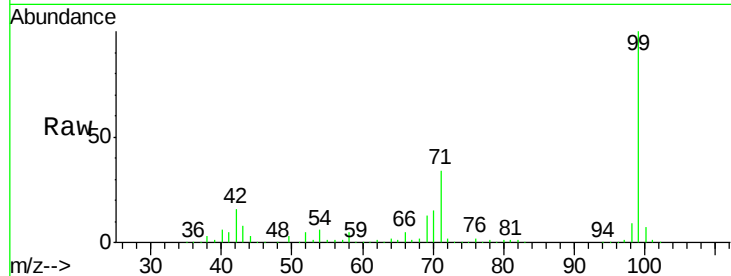
BNA_F

ClientSampleId :

RWB-4

Tot Ion: 99 Resp: 1418552

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	33.7	24.5	36.7

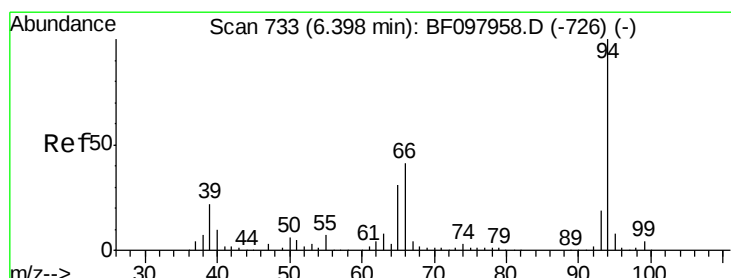
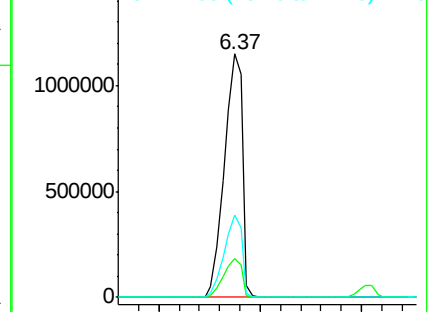
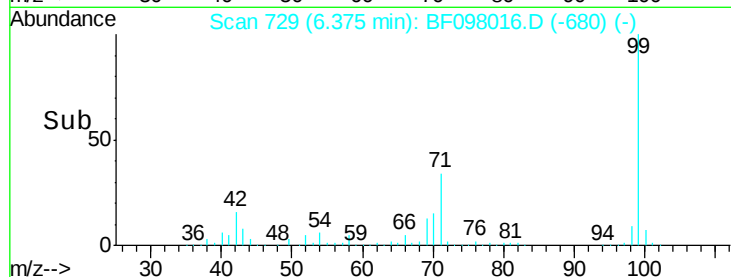


Abundance

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



#10

Phenol

Concen: 2.93 ng

RT: 6.39 min Scan# 731

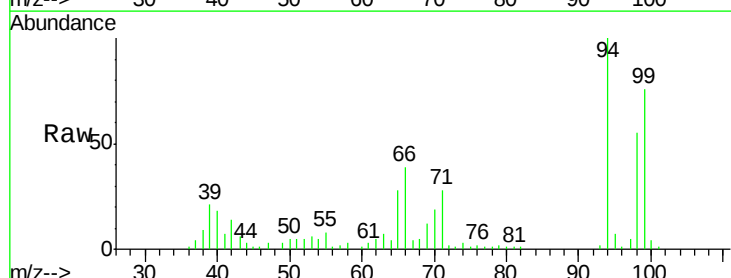
Delta R.T. -0.01 min

Lab File: BF098016.D

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Tgt Ion: 94 Resp: 39477

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.9	49.9
66	38.8	23.1	63.1

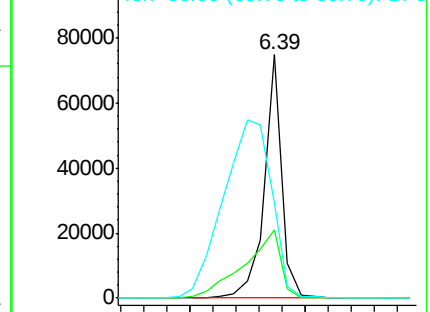
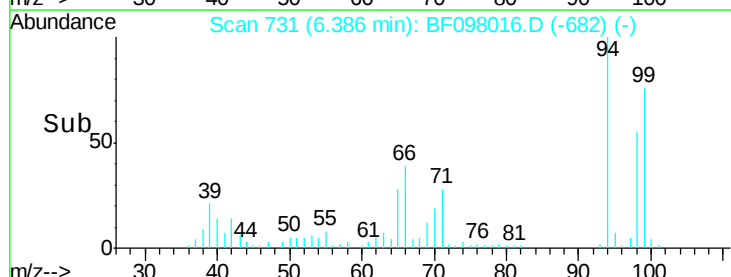


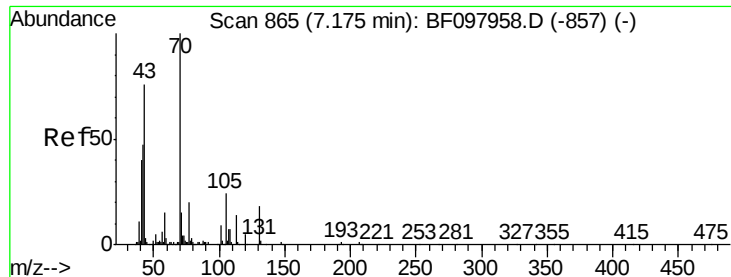
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

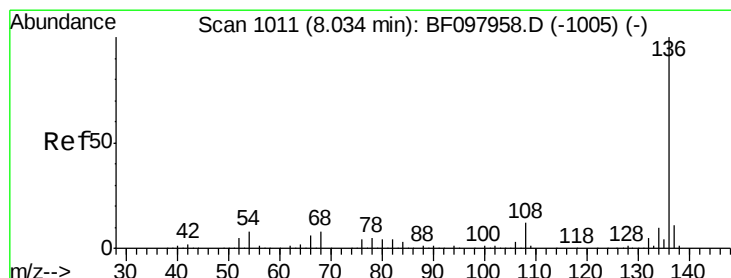
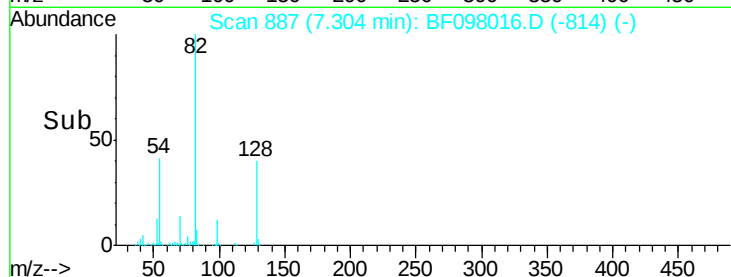
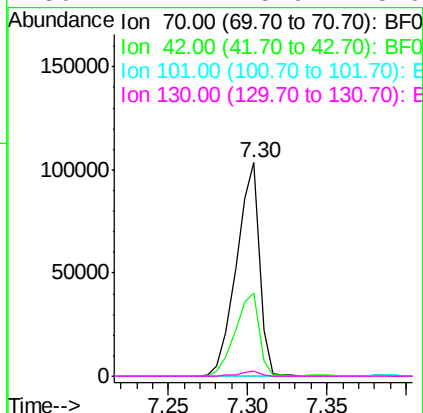
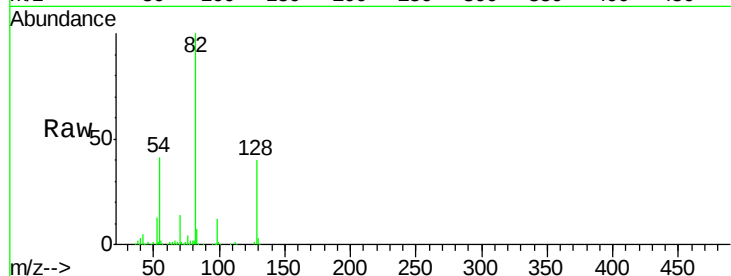




#19
n-Nitroso-di-n-propylamine
Concen: 13.09 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

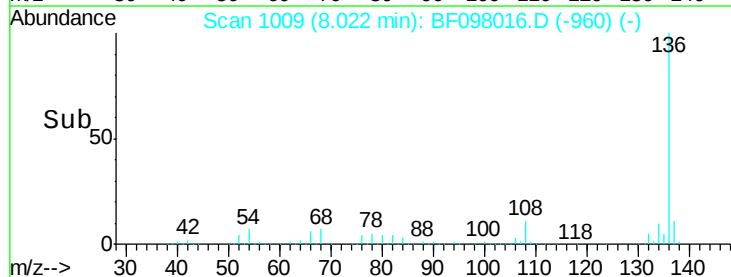
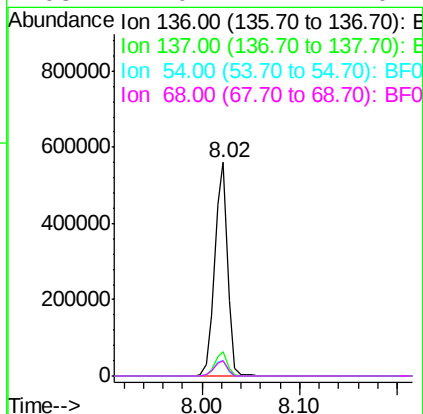
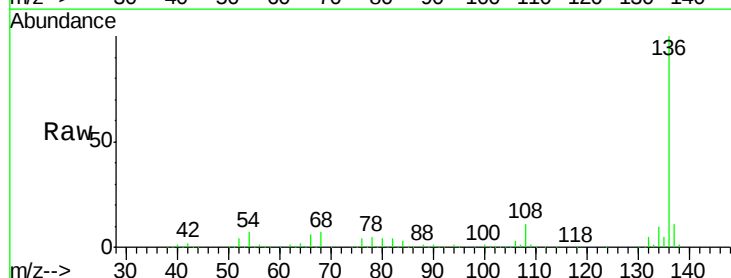
Instrument :
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RWB-4

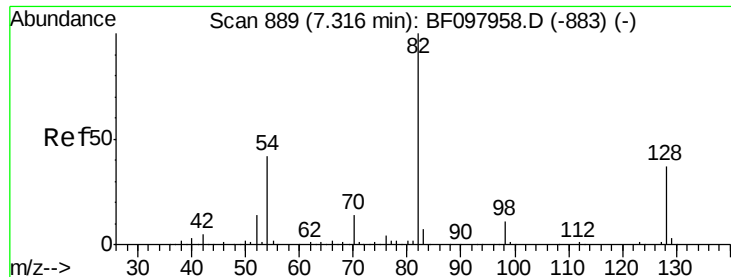
Tot Ion:	70	Resp:	103158
Ion	Ratio	Lower	Upper
70	100		
42	39.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

Tgt Ion:	136	Resp:	506797
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.3	4.9	7.3#
68	7.0	4.1	6.1#

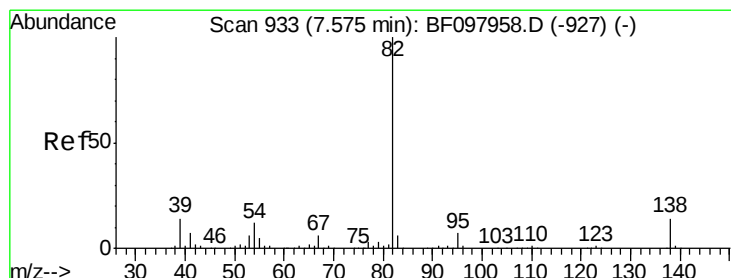
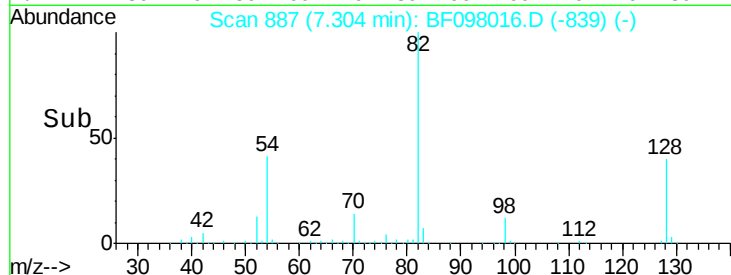
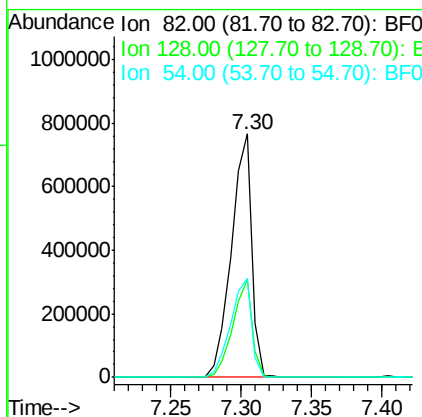
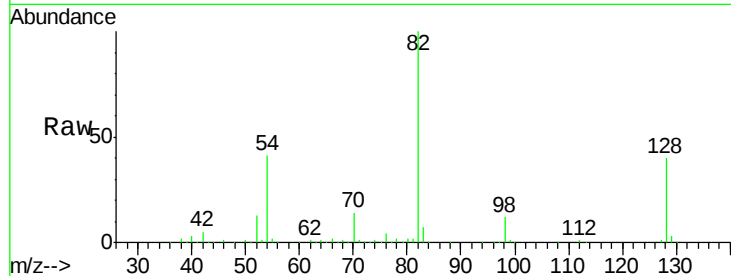




#23
 Nitrobenzene-d5
 Concen: 82.31 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

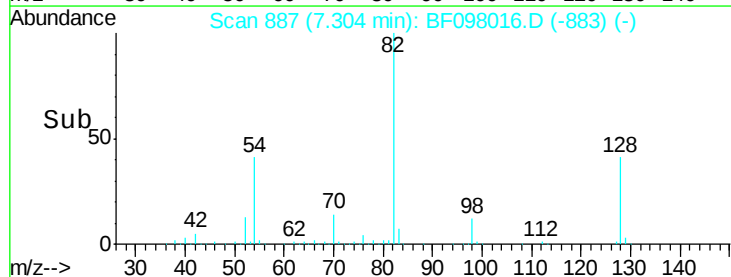
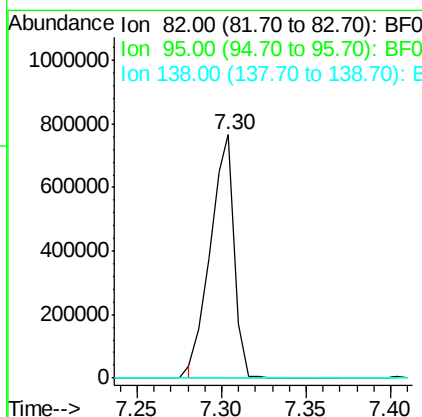
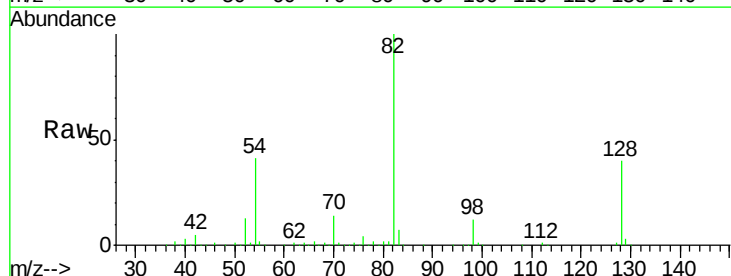
Instrument :
 BNA_F
 ClientSampleId :
 RWB-4

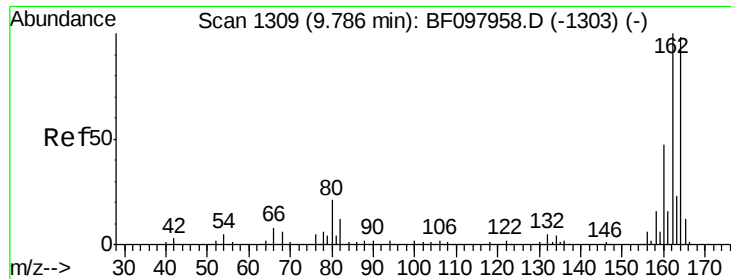
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	40.9	42.2	63.2#



#25
 Isophorone
 Concen: 38.69 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098016.D
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Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

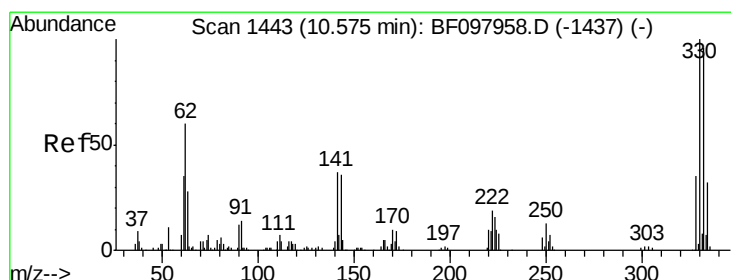
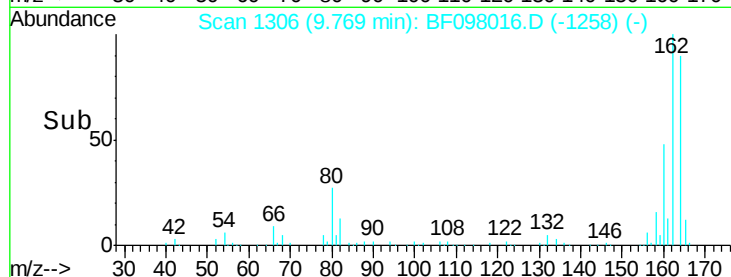
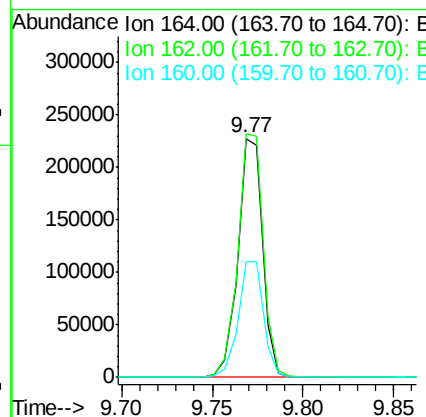
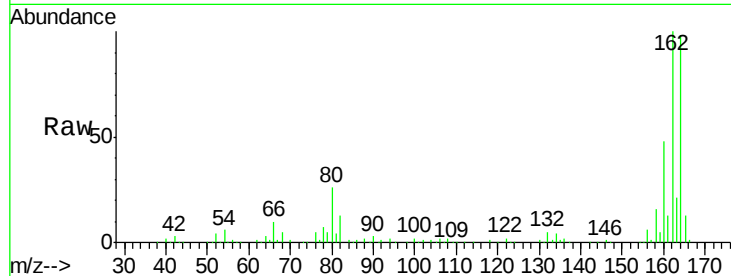




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

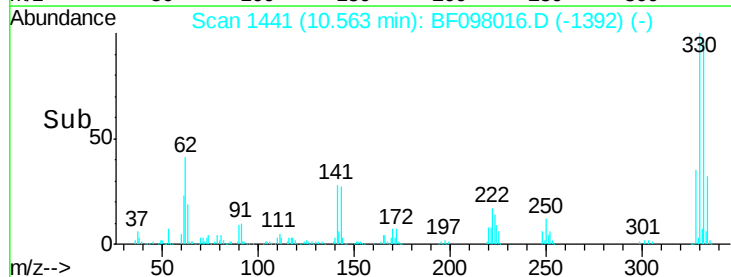
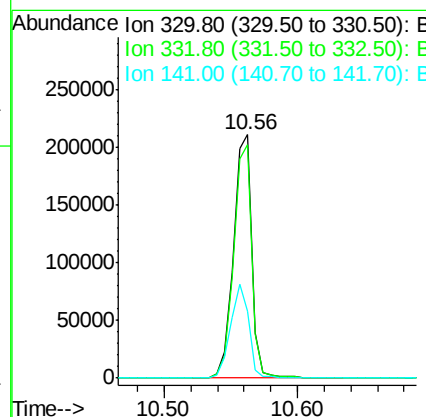
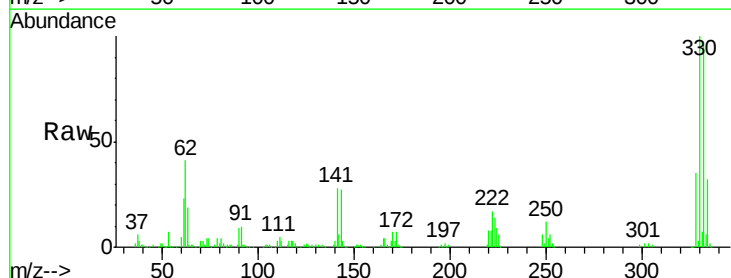
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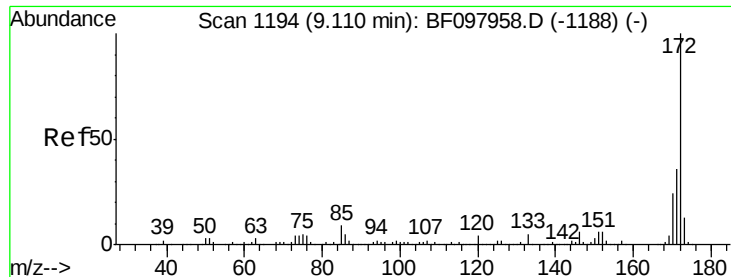
Tot Ion:164 Resp: 216089
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 48.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 109.71 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

Tgt Ion:330 Resp: 205701
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.8 31.4 47.2

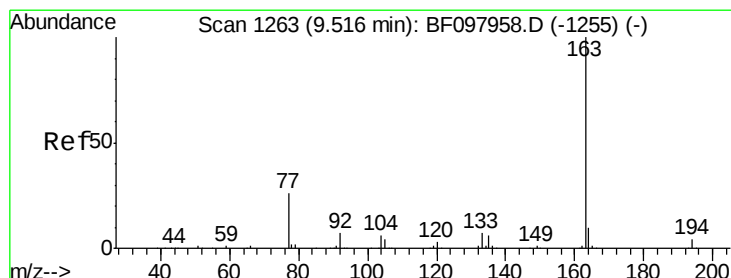
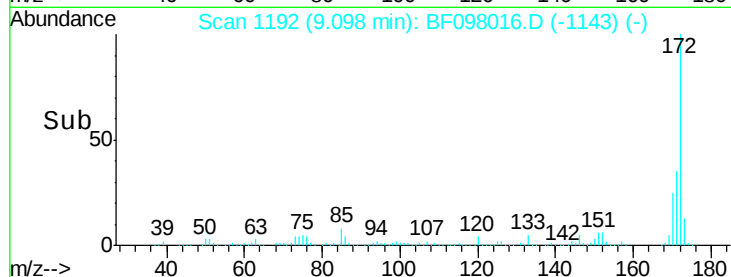
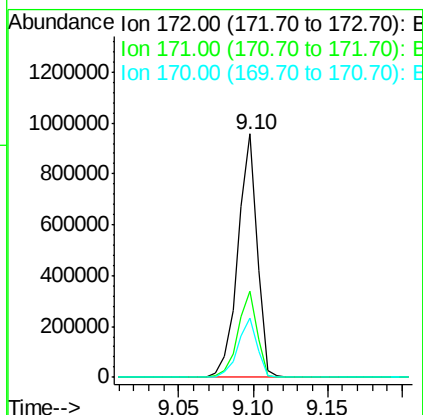
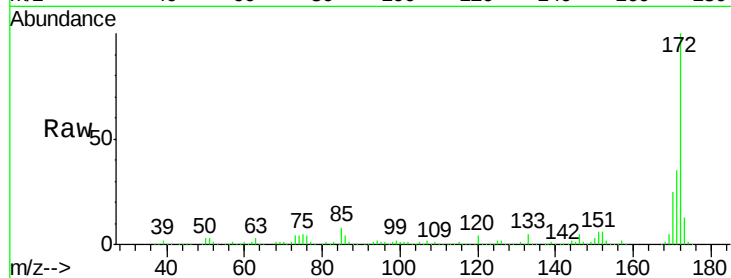




#44
2-Fluorobiphenyl
Concen: 58.76 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

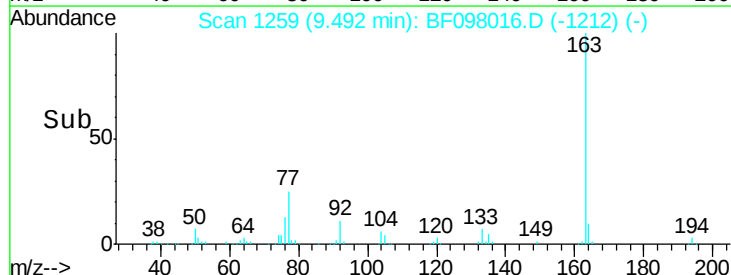
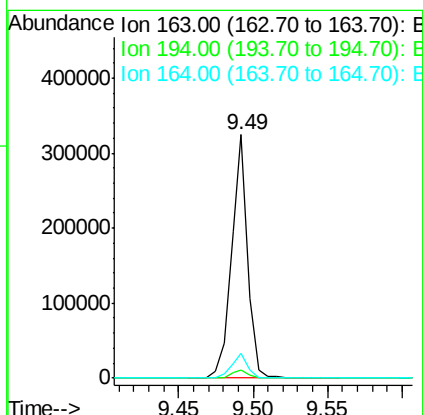
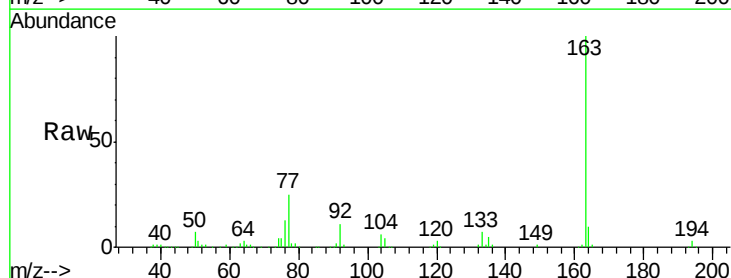
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ClientSampleId :
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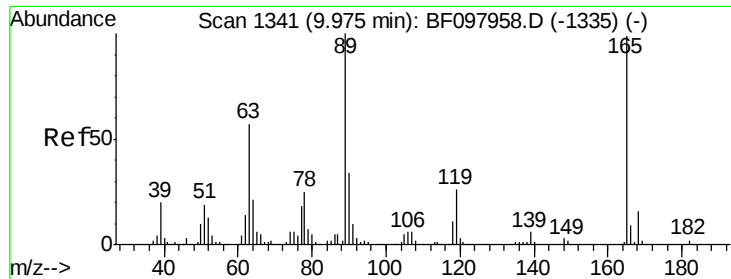
Tot Ion:172 Resp: 864233
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.5 19.8 29.8



#49
Dimethylphthalate
Concen: 15.71 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

Tgt Ion:163 Resp: 248120
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6

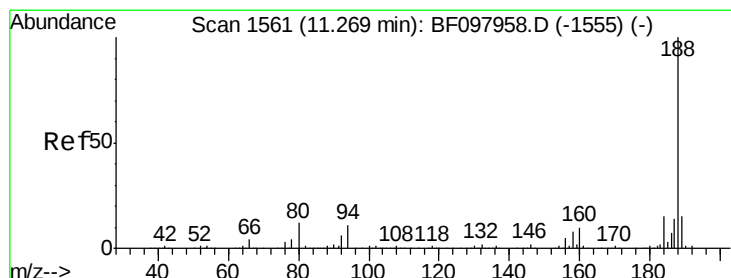
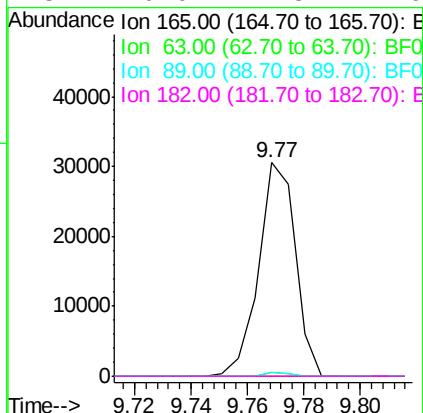
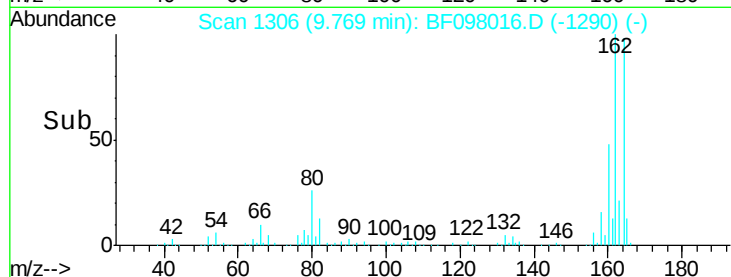
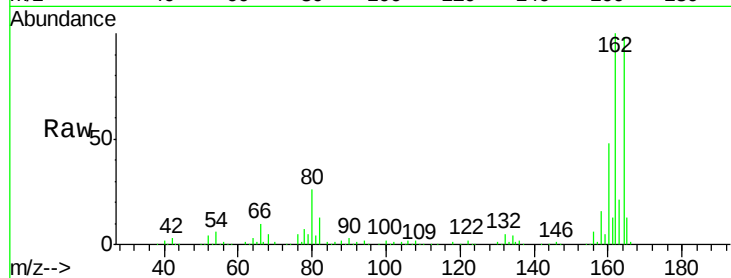




#56
 2,4-Dinitrotoluene
 Concen: 6.97 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

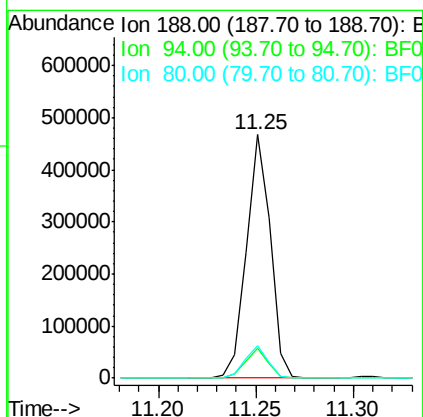
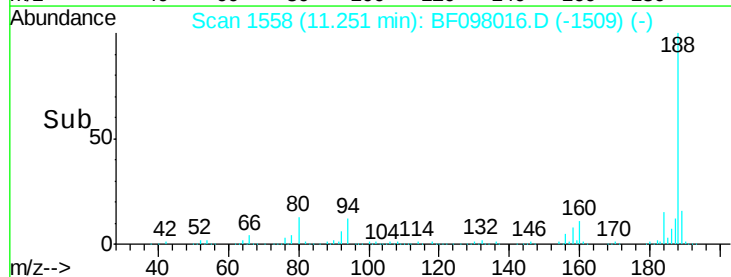
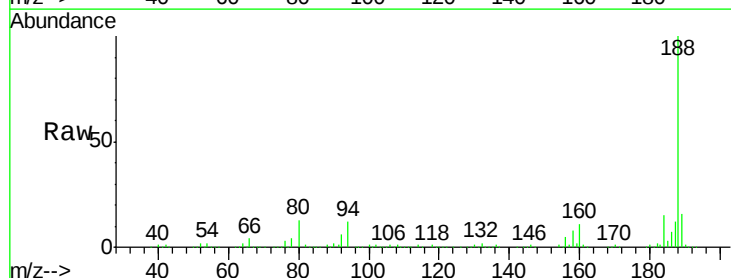
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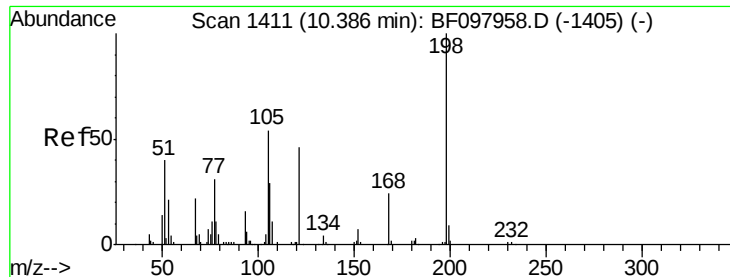
Tot Ion:165 Resp: 27581
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098016.D
 Acq: 24 Aug 2017 21:54

Tgt Ion:188 Resp: 396627
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 13.1 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.54 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.18 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

Instrument :

BNA_F

ClientSampleId :

RWB-4

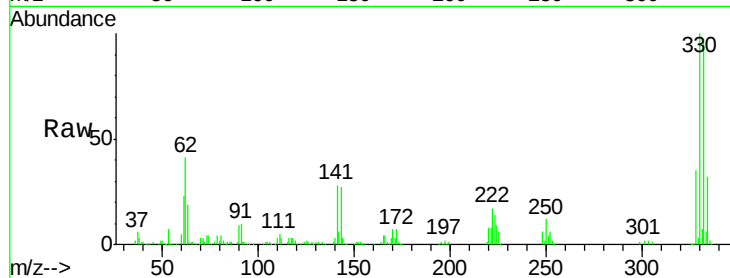
Tot Ion:198 Resp: 490

Ion Ratio Lower Upper

198 100

51 113.6 53.2 93.2#

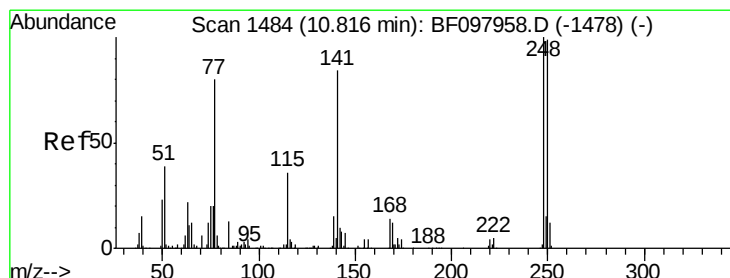
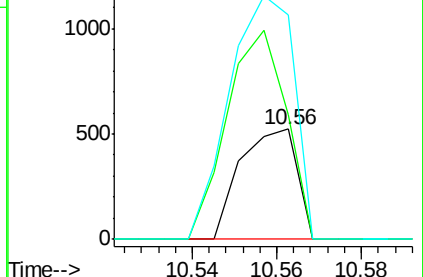
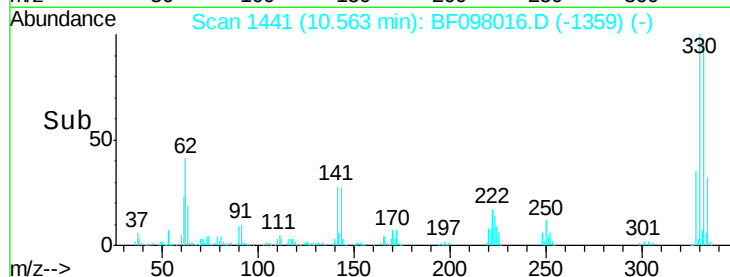
105 204.2 45.8 85.8#



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



#66

4-Bromophenyl-phenylether

Concen: 3.39 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.26 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

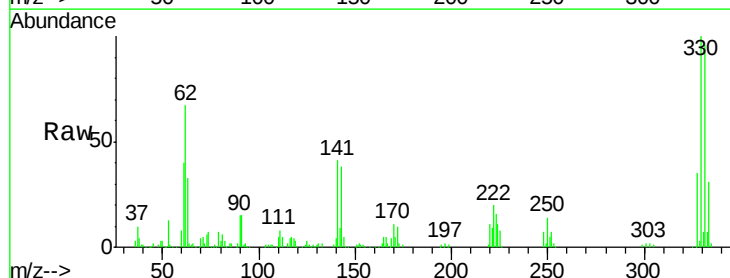
Tgt Ion:248 Resp: 13979

Ion Ratio Lower Upper

248 100

250 196.6 76.8 115.2#

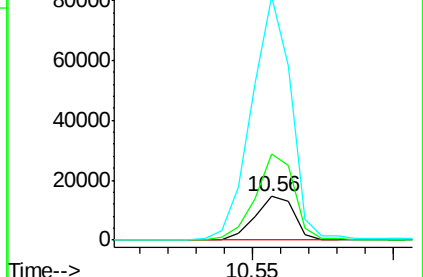
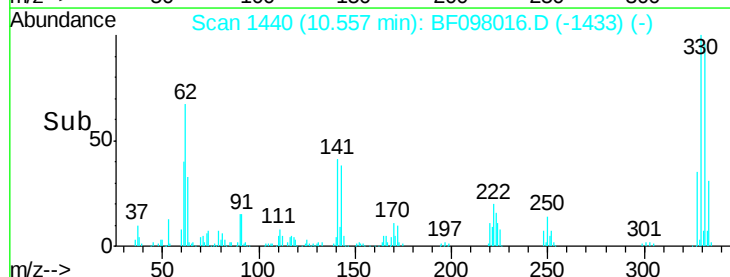
141 556.7 68.6 103.0#

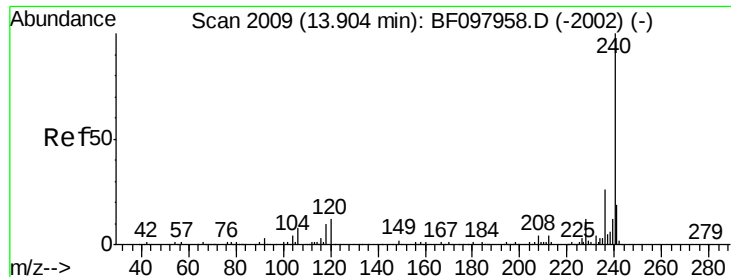


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

Instrument :

BNA_F

ClientSampleId :

RWB-4

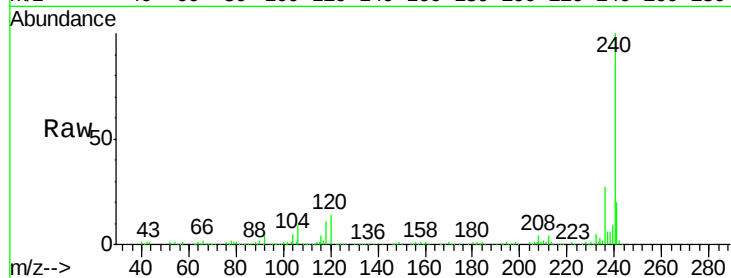
Tot Ion:240 Resp: 287483

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

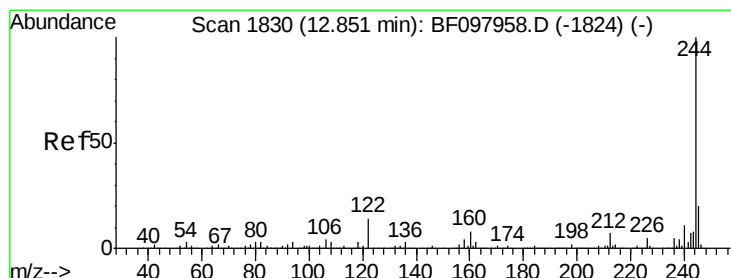
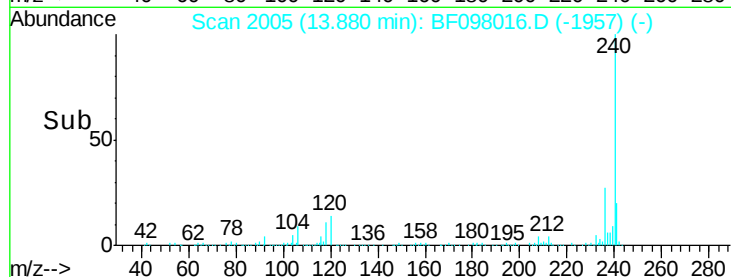
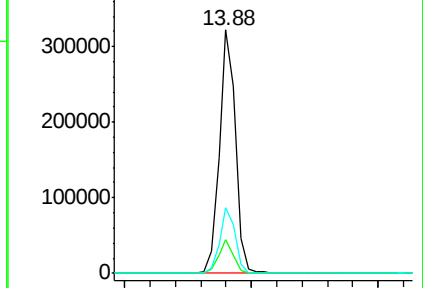
236 26.8 20.5 30.7



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: 46.74 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098016.D

Acq: 24 Aug 2017 21:54

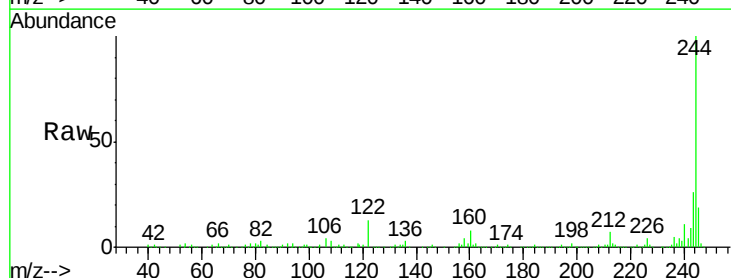
Tgt Ion:244 Resp: 644401

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

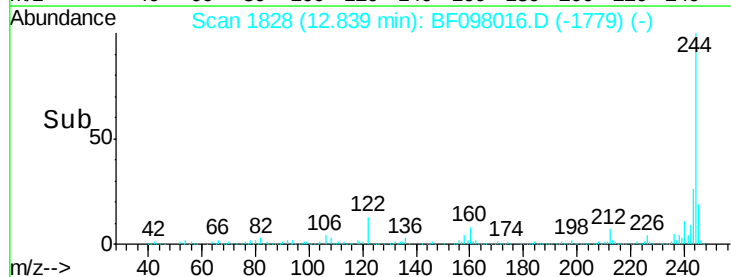
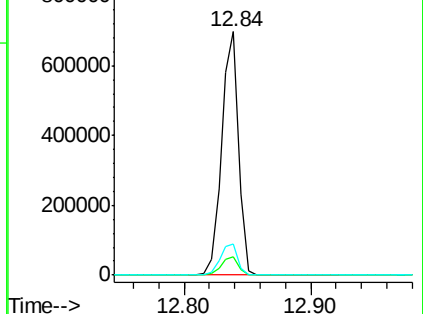
122 12.6 10.3 15.5

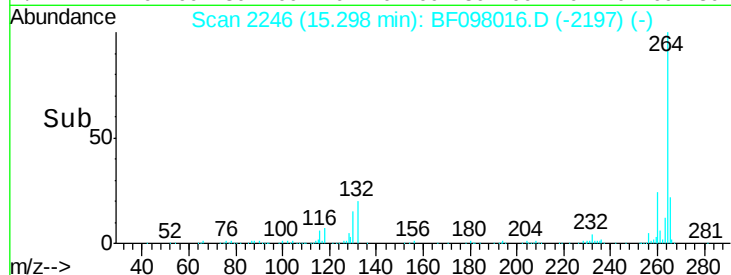
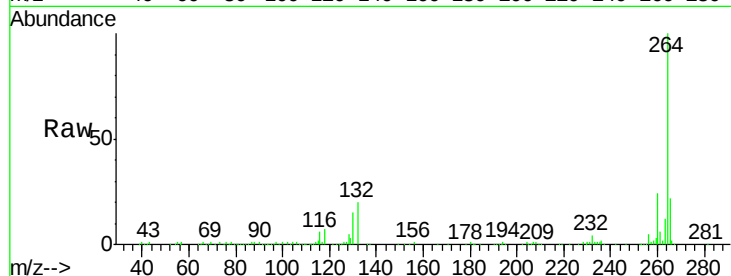
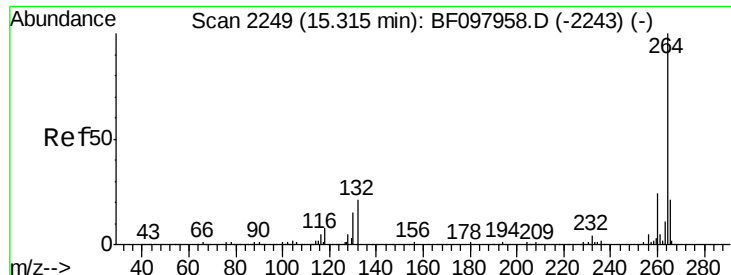


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF098016.D
Acq: 24 Aug 2017 21:54

Instrument :
BNA_F
ClientSampleId :
RWB-4

Tot Ion:	264	Resp:	255991
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	17.2	25.8

