

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097850.D
 Acq On : 18 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4646-06 RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESW

Quant Time: Aug 19 00:16:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

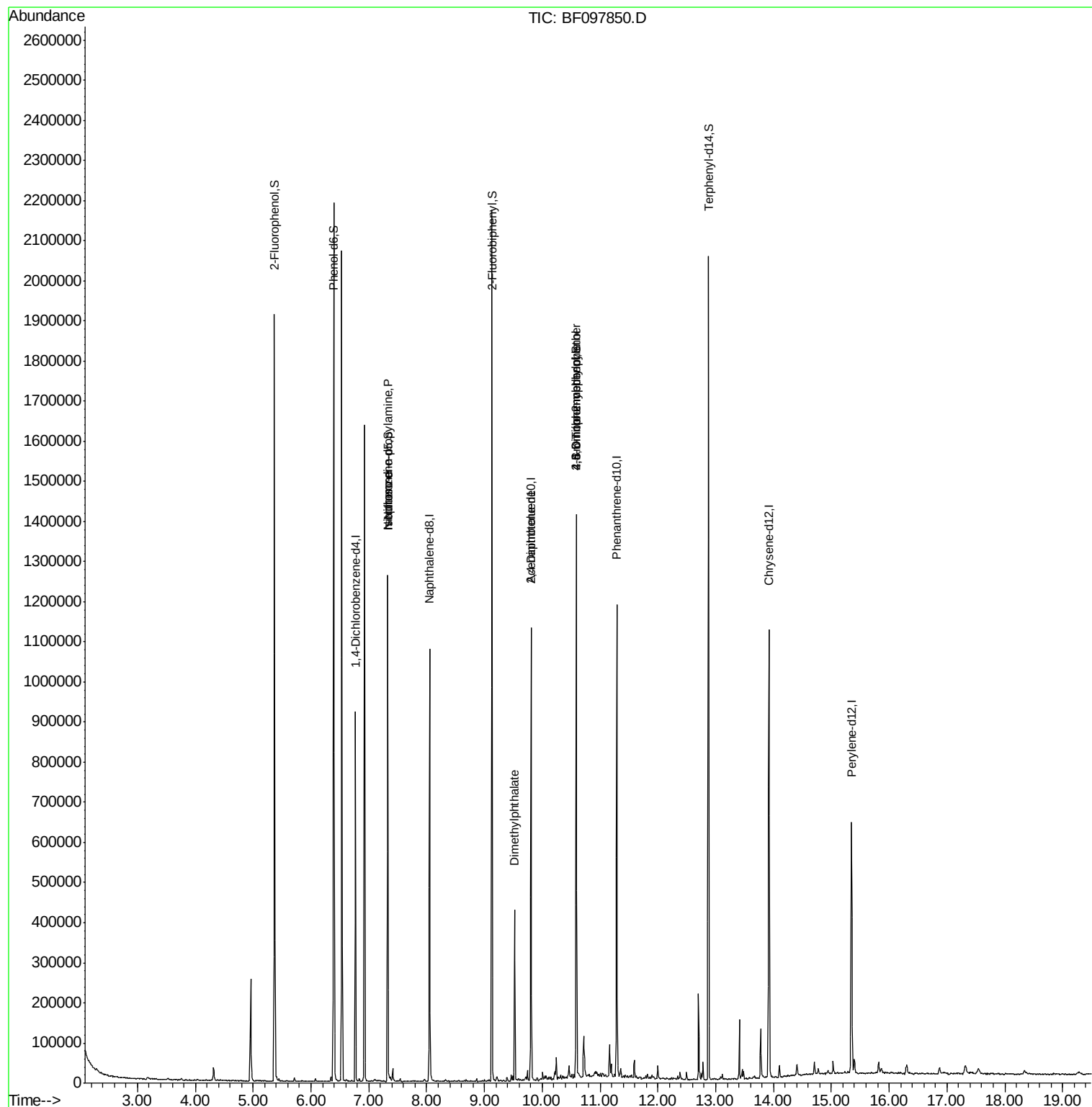
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112044	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	450106	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	201961	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	402177	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	358998	20.00	ng	-0.02
86) Perylene-d12	15.35	264	268448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	553881	75.19	ng	-0.02
7) Phenol-d6	6.40	99	742514	74.19	ng	-0.01
23) Nitrobenzene-d5	7.33	82	459872	55.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	139870	79.82	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	625620	45.51	ng	-0.02
78) Terphenyl-d14	12.87	244	588478	34.18	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	62182	9.08	ng	# 74
25) Isophorone	7.33	82	459865	26.69	ng	# 67
49) Dimethylphthalate	9.52	163	139549	9.45	ng	100
56) 2,4-Dinitrotoluene	9.80	165	25302	6.84	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.59	198	292	8.45	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	9279	2.22	ng	# 1

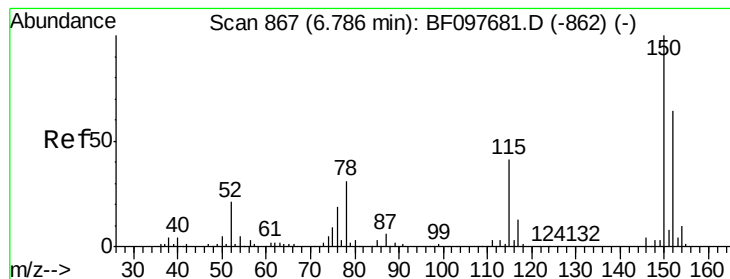
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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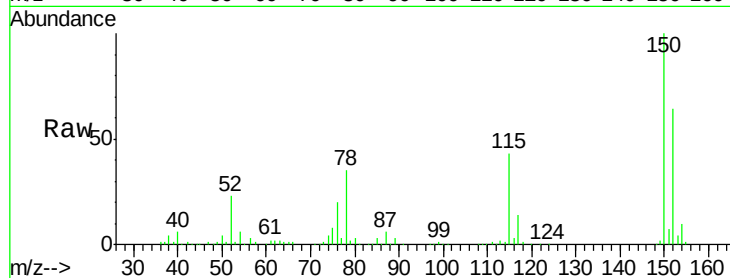


#1

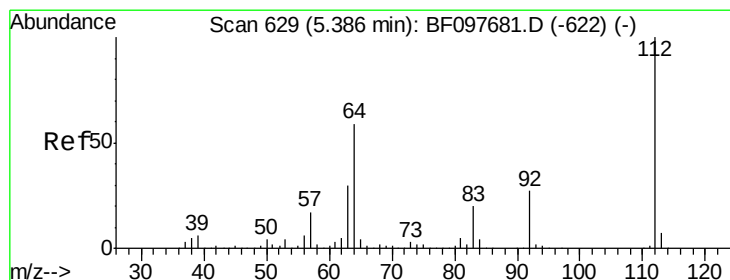
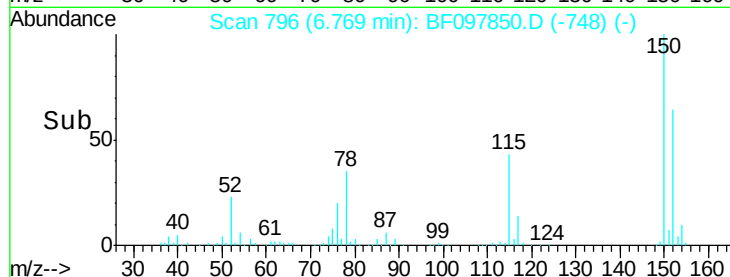
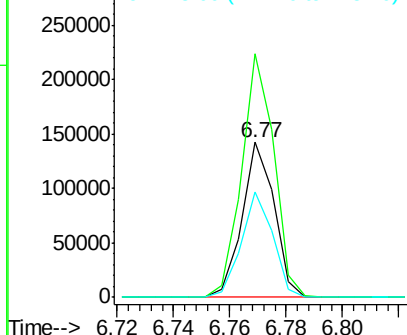
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

Tot Ion:152 Resp: 112044
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 67.8 52.2 78.2



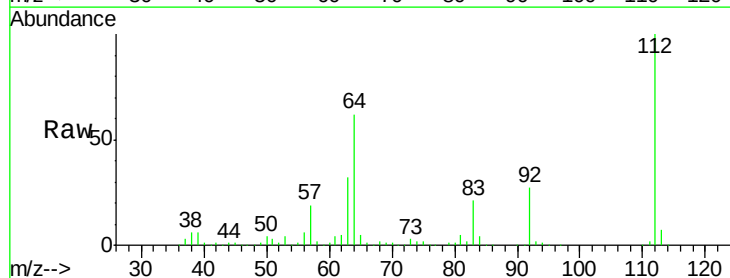
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



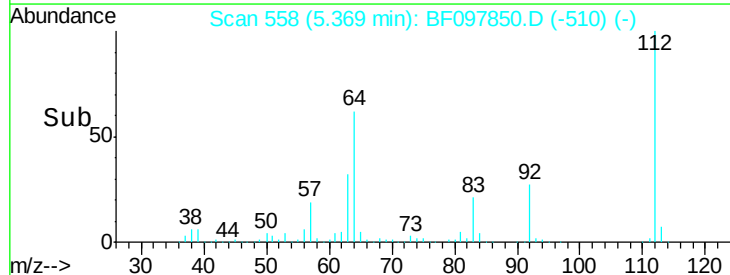
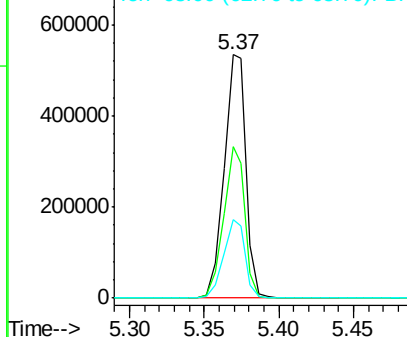
#5

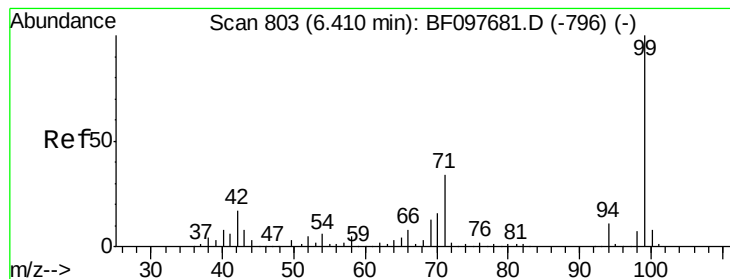
2-Fluorophenol
Concen: 75.19 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Tgt Ion:112 Resp: 553881
Ion Ratio Lower Upper
112 100
64 62.1 46.0 69.0
63 32.3 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: 74.19 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESW

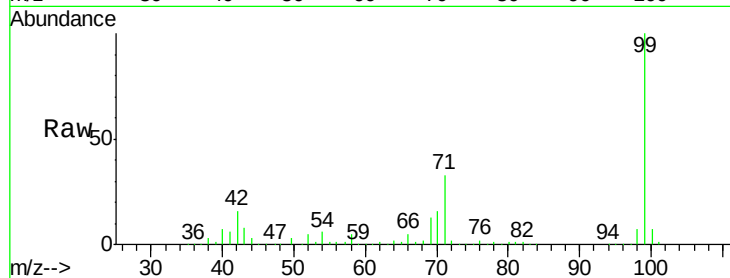
Tot Ion: 99 Resp: 742514

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

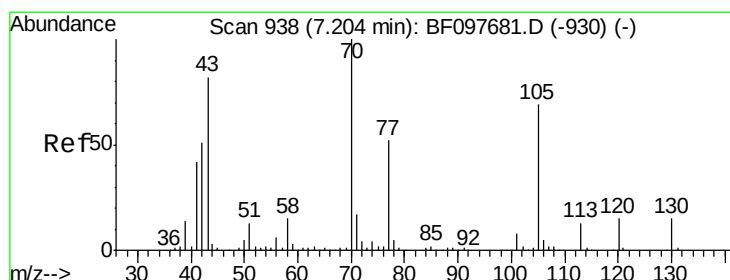
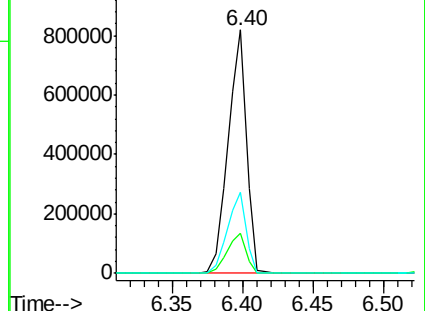
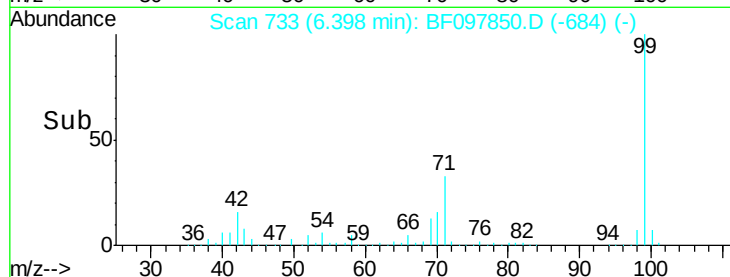
71 33.4 24.5 36.7



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: 9.08 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.12 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

Tgt Ion: 70 Resp: 62182

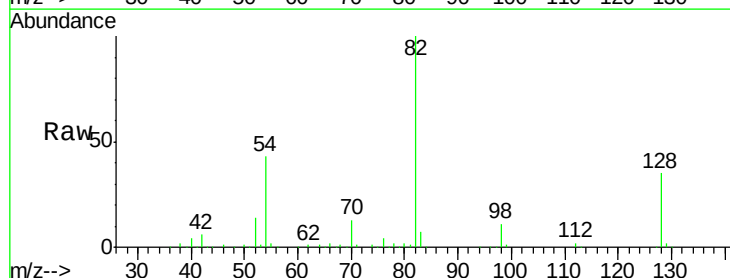
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.5 15.9 23.9#

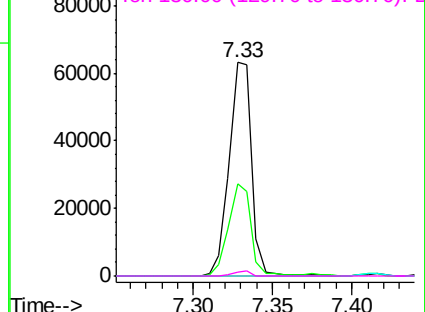
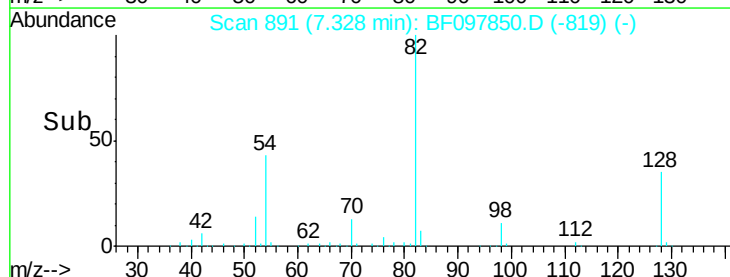


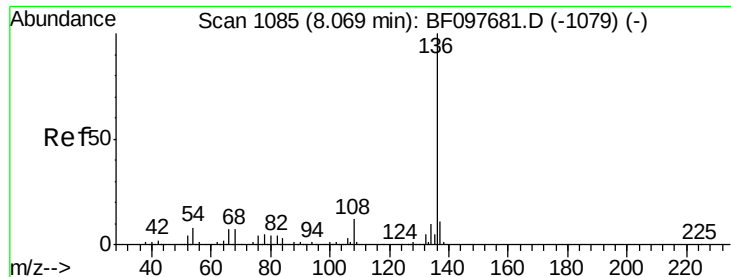
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

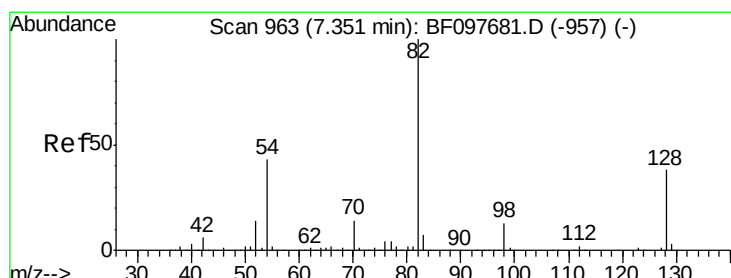
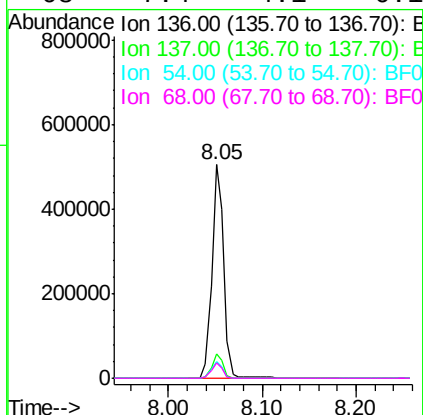
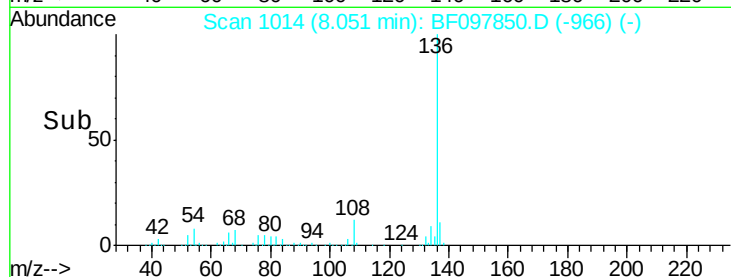
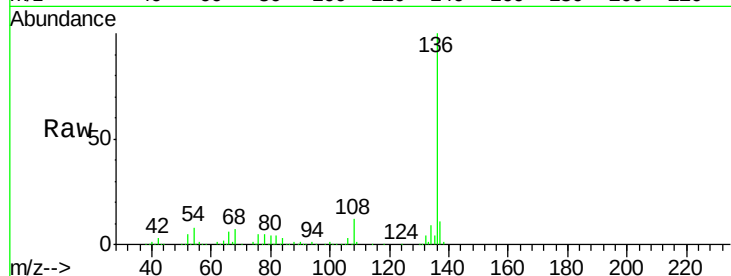




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

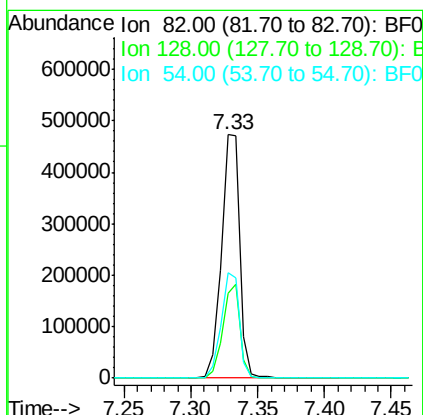
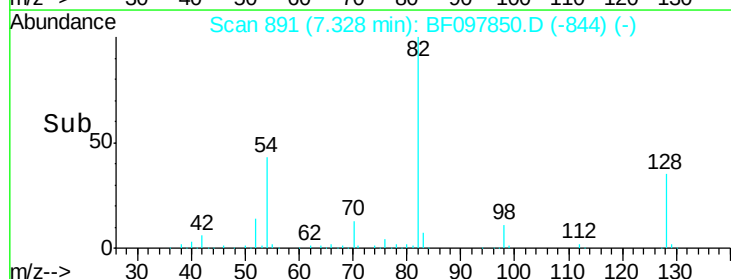
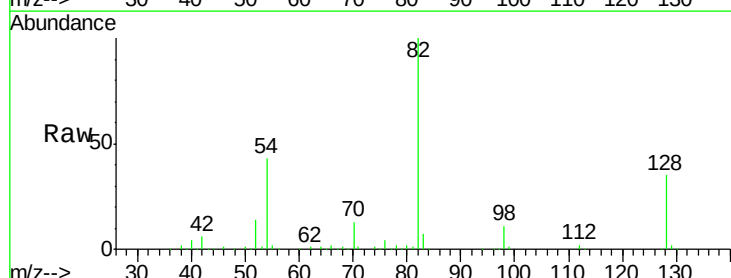
Instrument :
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E2-L10-ESW

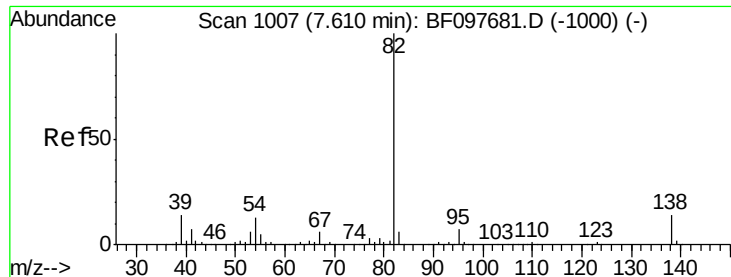
Tot Ion:136	Resp:	450106
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	7.8	4.9 7.3#
68	7.4	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 55.50 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Tgt Ion: 82	Resp:	459872
Ion Ratio	Lower	Upper
82	100	
128	35.1	34.0 51.0
54	43.4	42.2 63.2

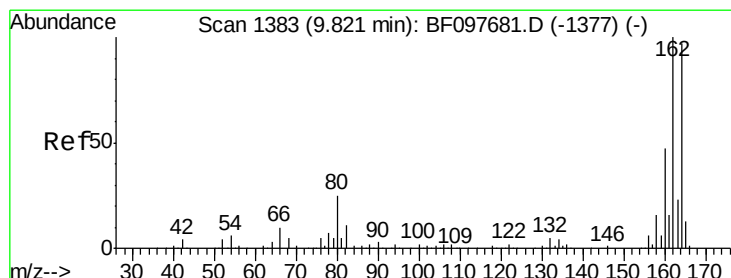
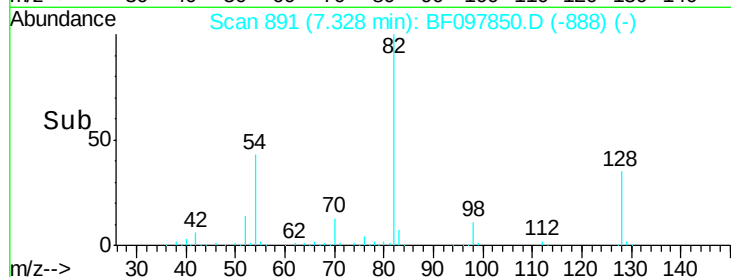
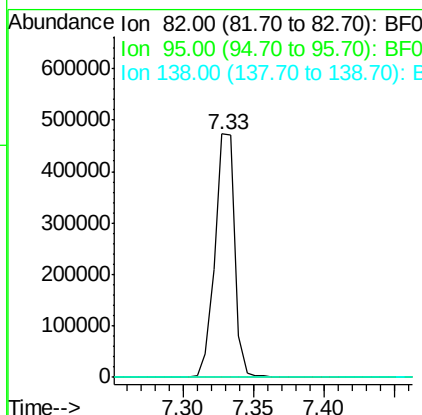
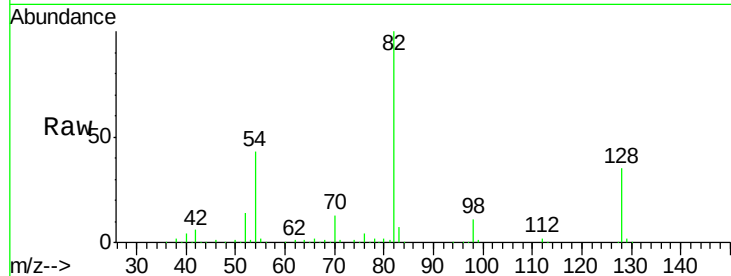




#25
Isophorone
Concen: 26.69 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.28 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

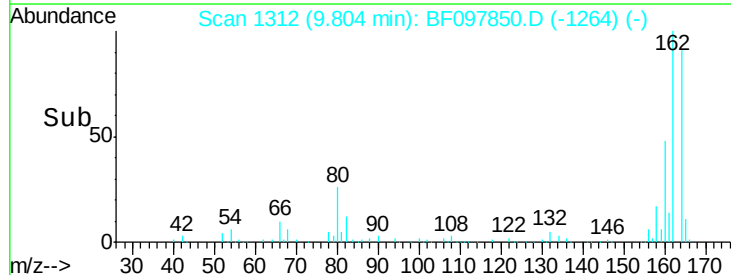
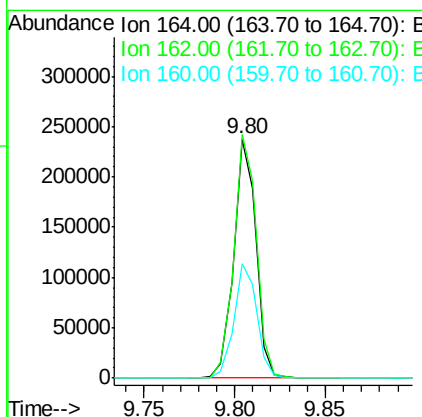
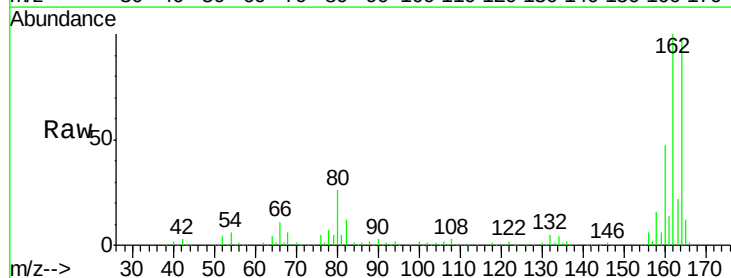
Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

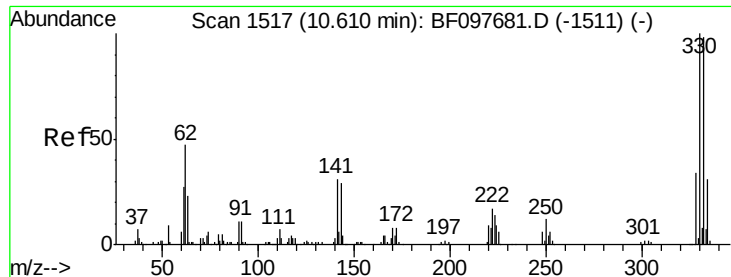
Tot Ion: 82 Resp: 459865
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Tgt Ion: 164 Resp: 201961
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 48.2 36.2 54.2

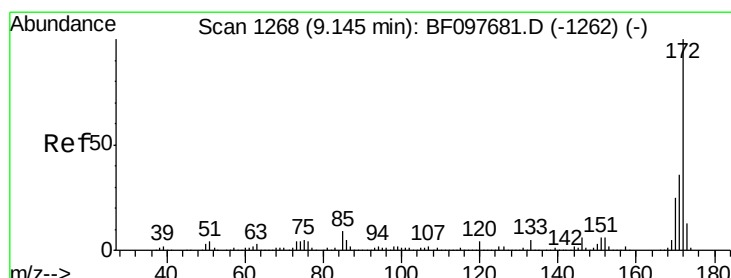
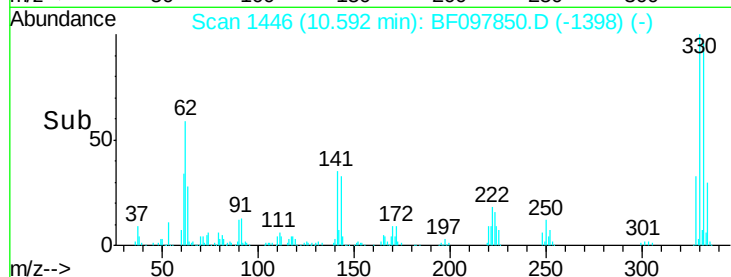
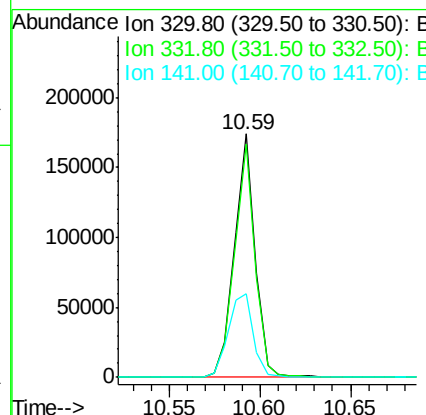
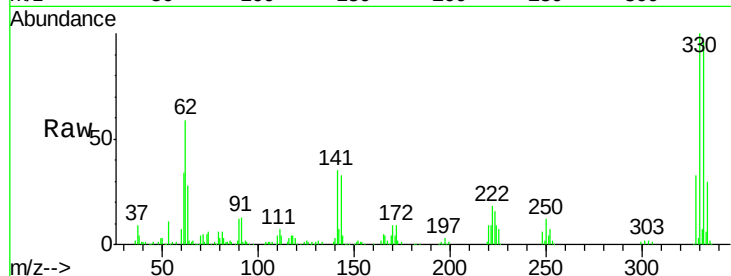




#41
 2,4,6-Tribromophenol
 Concen: 79.82 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097850.D
 Acq: 18 Aug 2017 23:25

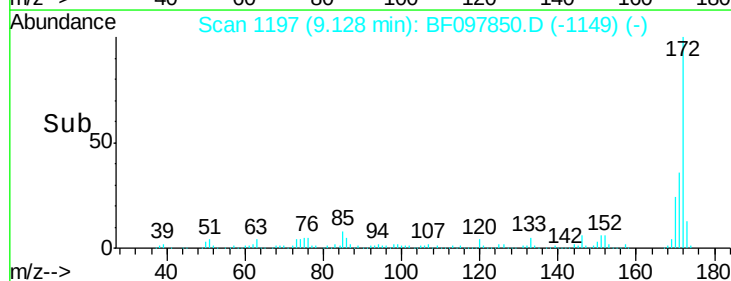
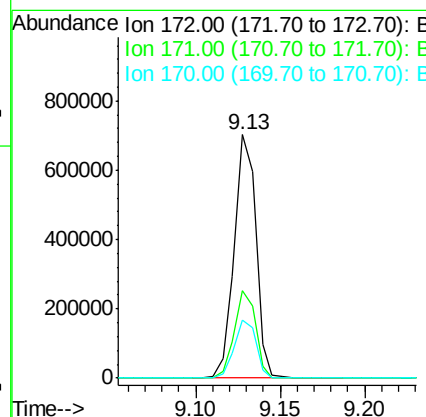
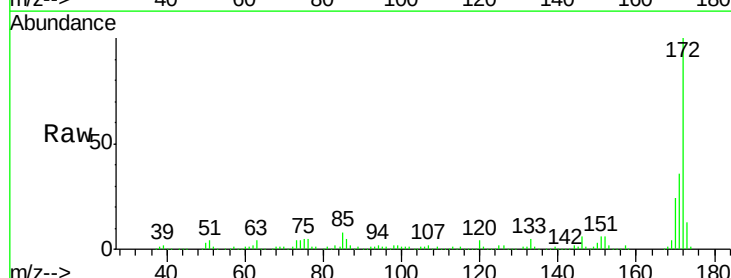
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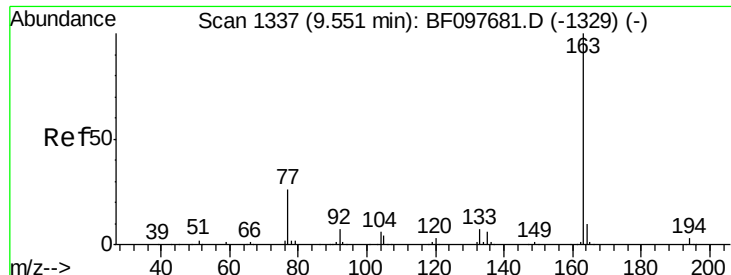
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	41.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 45.51 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097850.D
 Acq: 18 Aug 2017 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	19.8	29.8

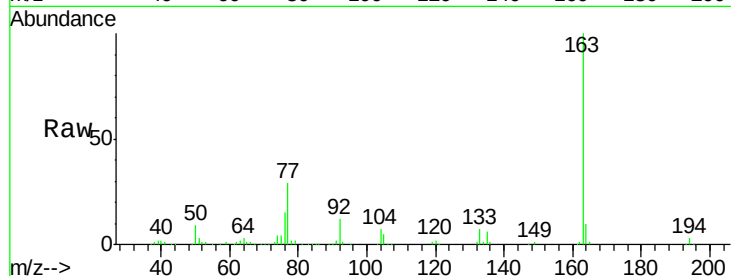




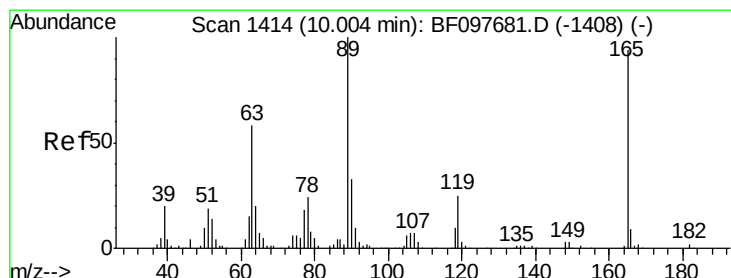
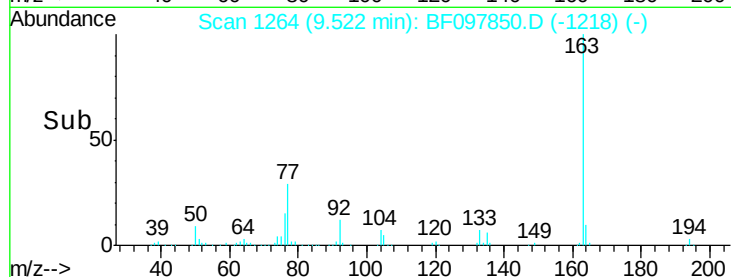
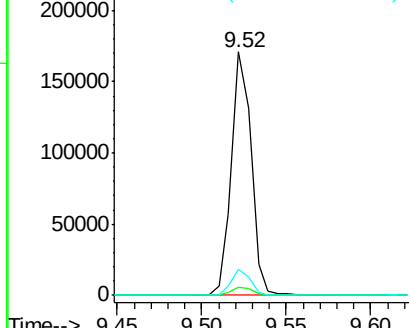
#49
Dimethylphthalate
Concen: 9.45 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

Tot Ion:163 Resp: 139549
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.4 12.6

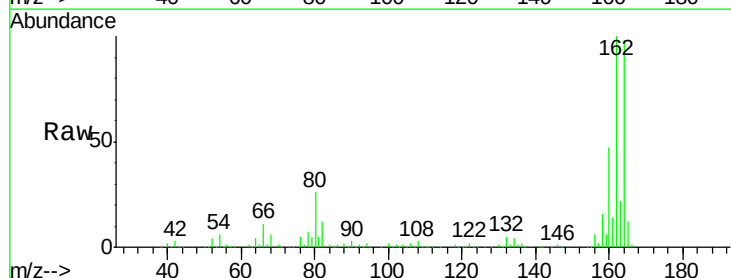


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

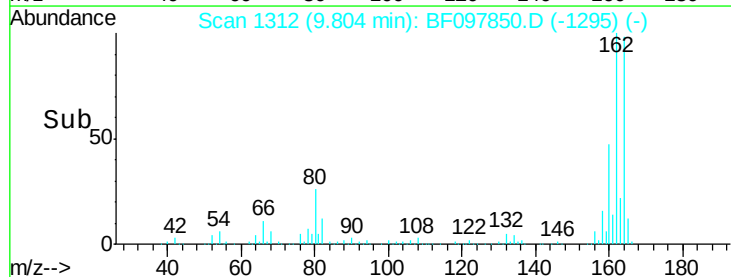
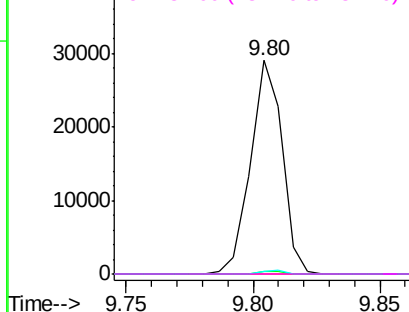


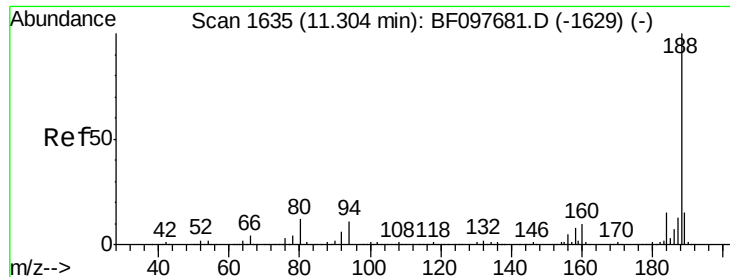
#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Tgt Ion:165 Resp: 25302
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 1.1 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

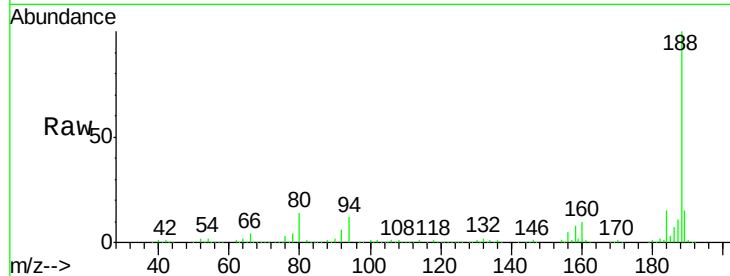




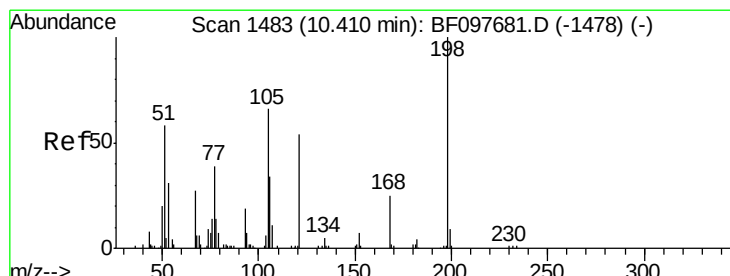
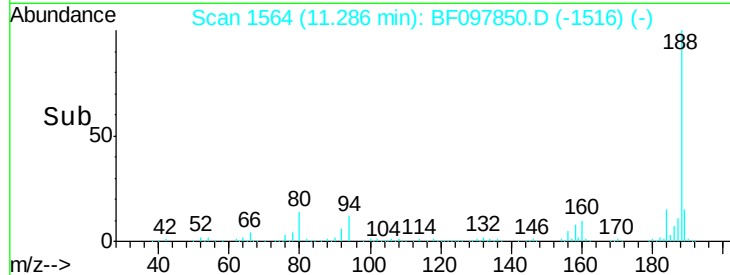
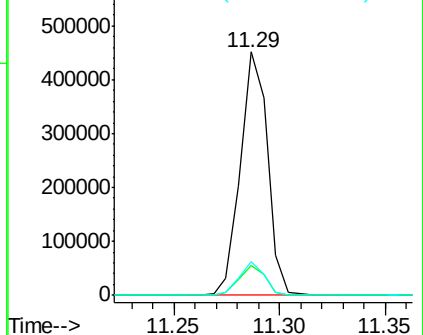
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESW

Tot Ion:188 Resp: 402177
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.6 10.2 15.2

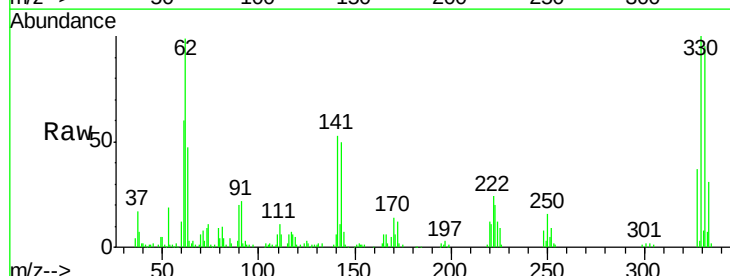


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

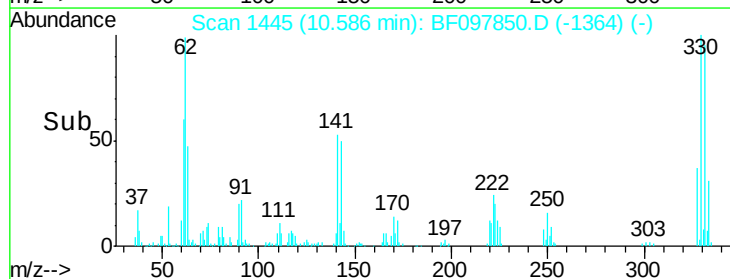
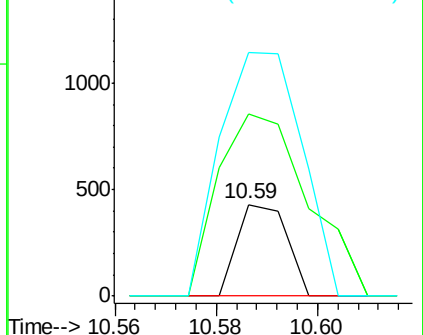


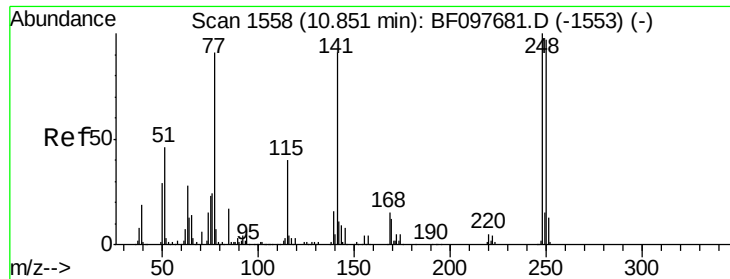
#64
4,6-Dinitro-2-methylphenol
Concen: 8.45 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.18 min
Lab File: BF097850.D
Acq: 18 Aug 2017 23:25

Tgt Ion:198 Resp: 292
Ion Ratio Lower Upper
198 100
51 199.8 53.2 93.2#
105 266.4 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

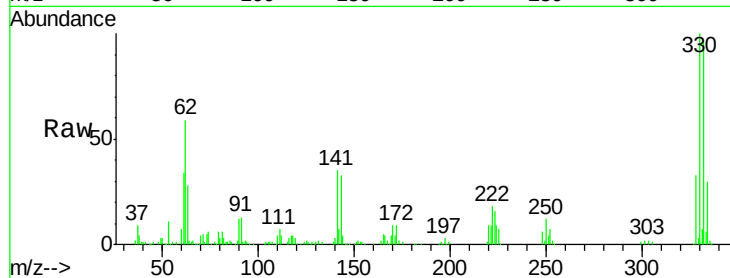




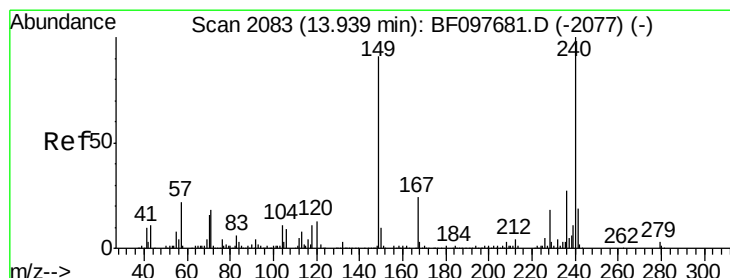
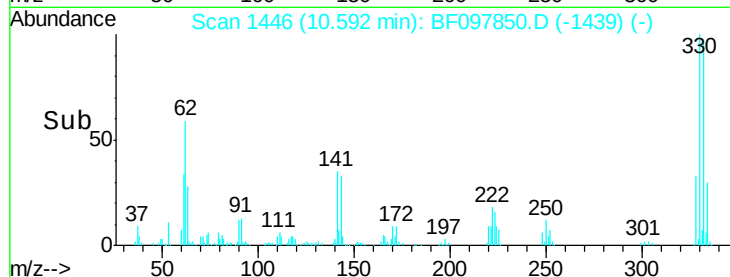
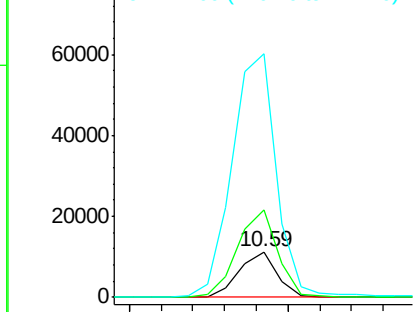
#66
 4-Bromophenyl-phenylether
 Concen: 2.22 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.26 min
 Lab File: BF097850.D
 Acq: 18 Aug 2017 23:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESW

Tot Ion:248 Resp: 9279
 Ion Ratio Lower Upper
 248 100
 250 193.4 76.8 115.2#
 141 536.6 68.6 103.0#

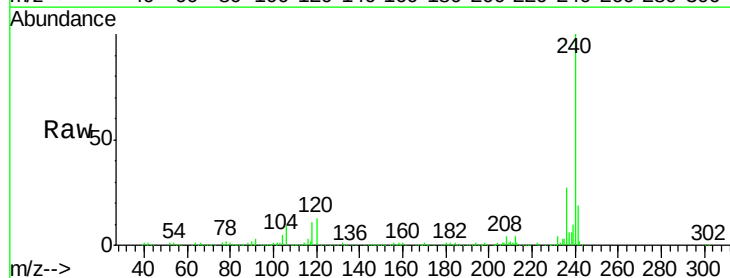


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

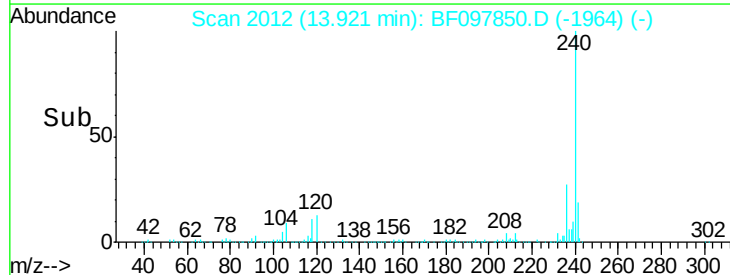
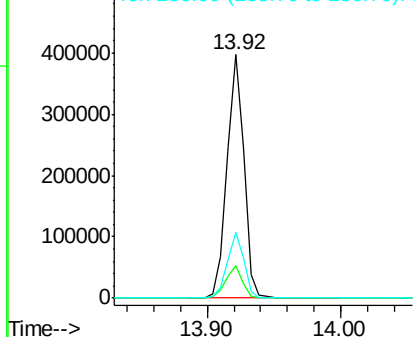


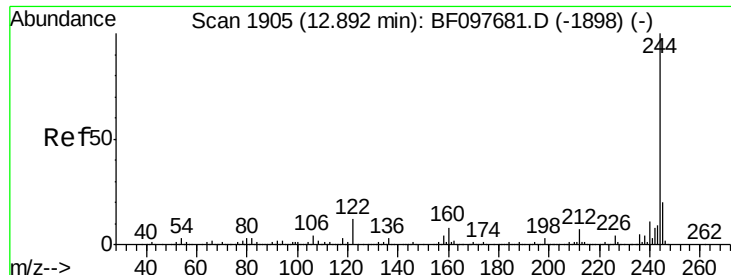
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF097850.D
 Acq: 18 Aug 2017 23:25

Tgt Ion:240 Resp: 358998
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 27.1 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: 34.18 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESW

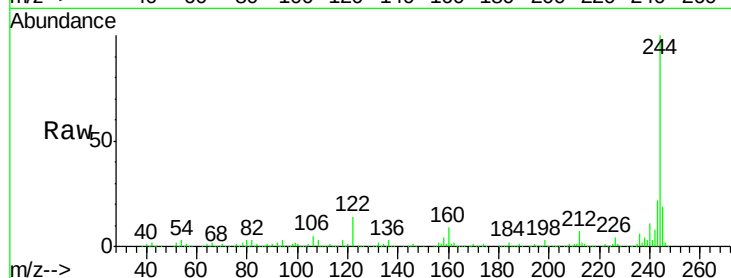
Tot Ion:244 Resp: 588478

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

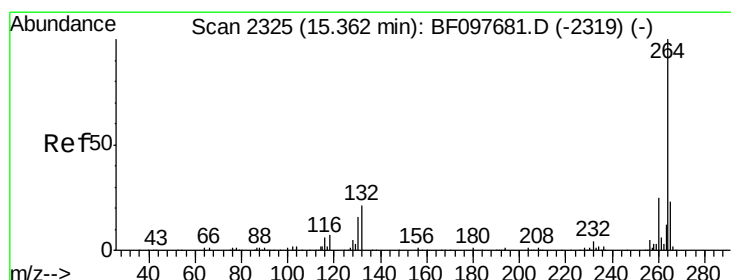
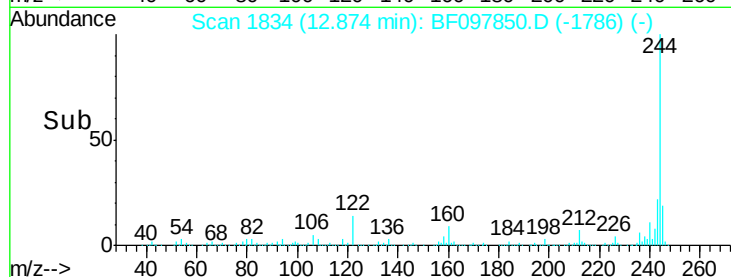
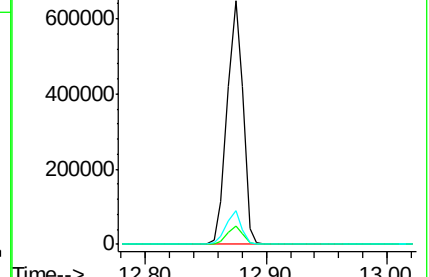
122 13.6 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BF097850.D

Acq: 18 Aug 2017 23:25

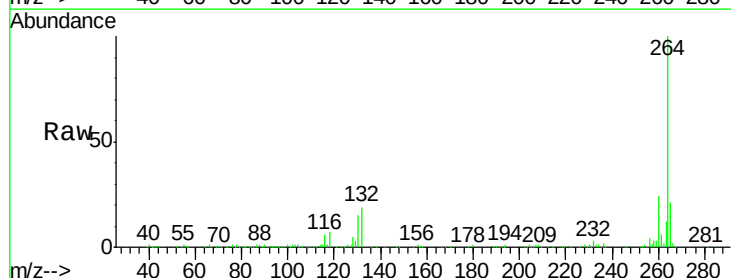
Tgt Ion:264 Resp: 268448

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.3 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

