

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097846.D
 Acq On : 18 Aug 2017 21:31
 Operator : SJ/JU
 Sample : I4811-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E4-24

Quant Time: Aug 19 00:14:13 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

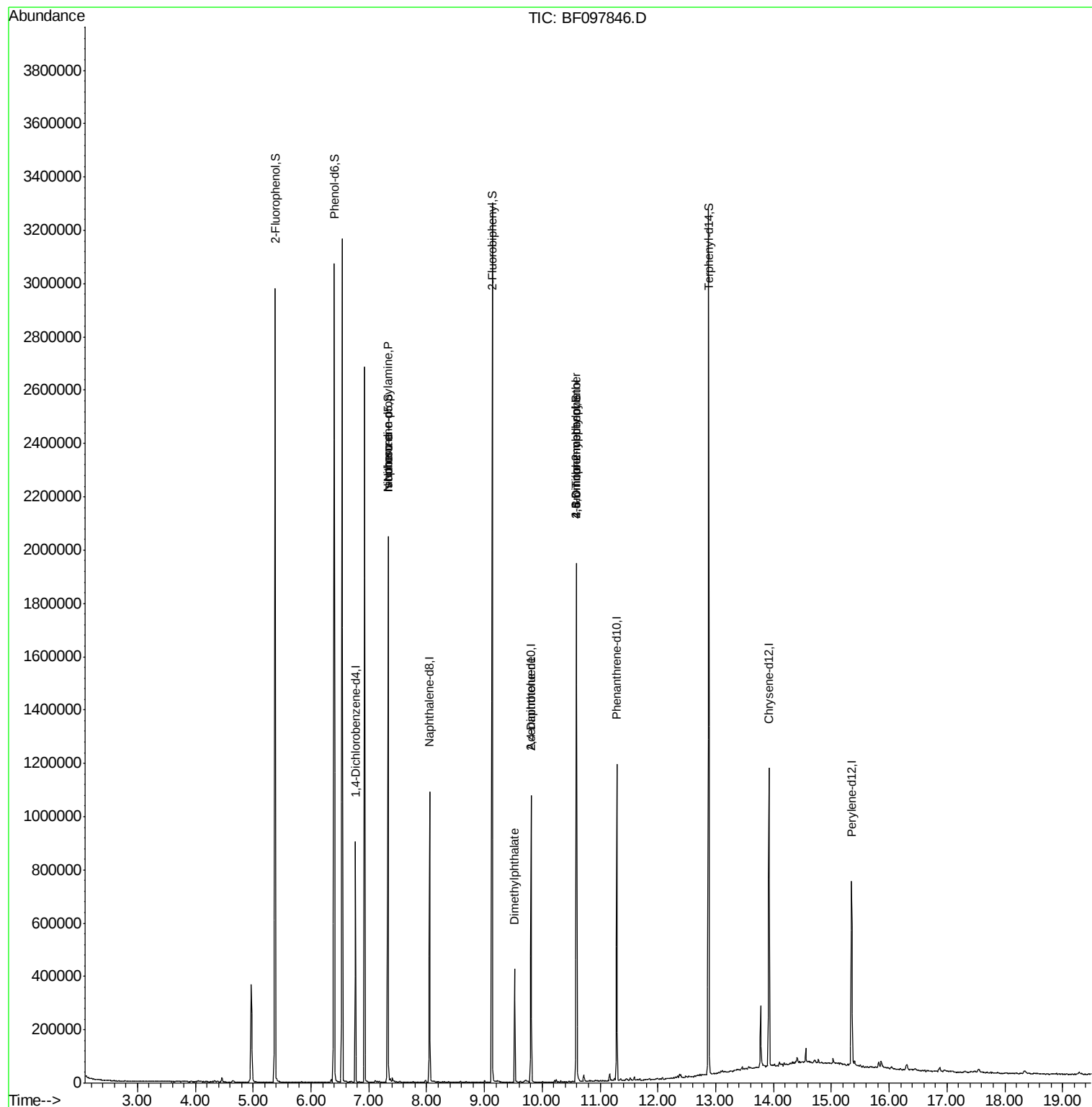
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	110739	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	446989	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	200664	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	398772	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	359215	20.00	ng	-0.02
86) Perylene-d12	15.35	264	291477	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	875785	120.29	ng	0.00
7) Phenol-d6	6.40	99	1166761	117.95	ng	0.00
23) Nitrobenzene-d5	7.33	82	737817	89.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	222329	127.70	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1044921	76.51	ng	-0.01
78) Terphenyl-d14	12.88	244	989676	57.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	101086	14.93	ng	# 72
25) Isophorone	7.33	82	737810	43.12	ng	# 67
49) Dimethylphthalate	9.52	163	140529	9.58	ng	99
56) 2,4-Dinitrotoluene	9.80	165	25884	7.04	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.59	198	528	8.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	14965	3.61	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: BF097846.D

Acq: 18 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

E4-24

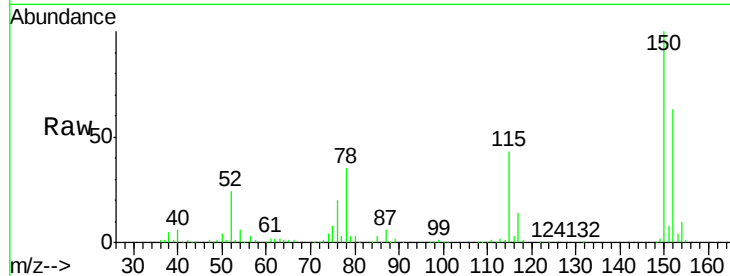
Tot Ion:152 Resp: 110739

Ion Ratio Lower Upper

152 100

150 157.6 126.2 189.2

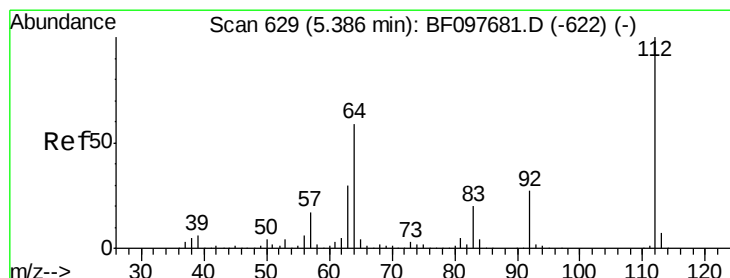
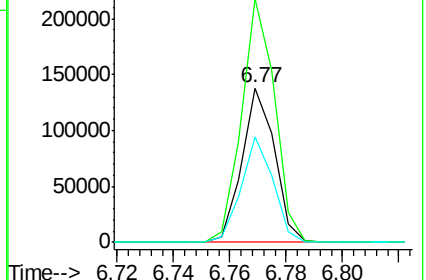
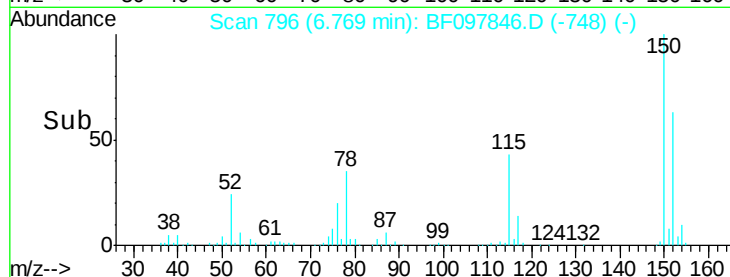
115 67.9 52.2 78.2



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: 120.29 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

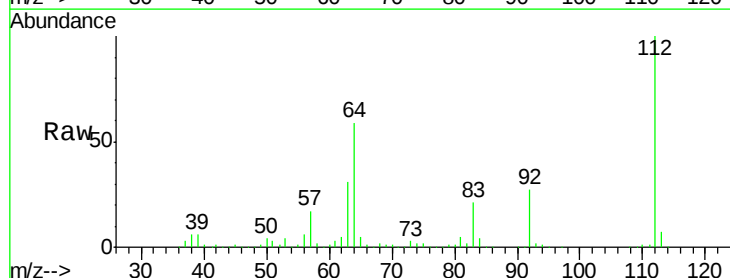
Tgt Ion:112 Resp: 875785

Ion Ratio Lower Upper

112 100

64 59.2 46.0 69.0

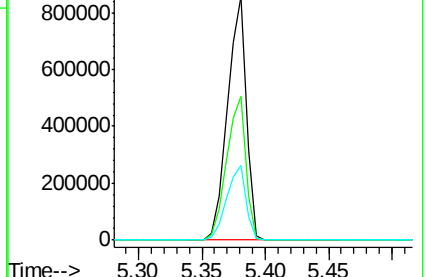
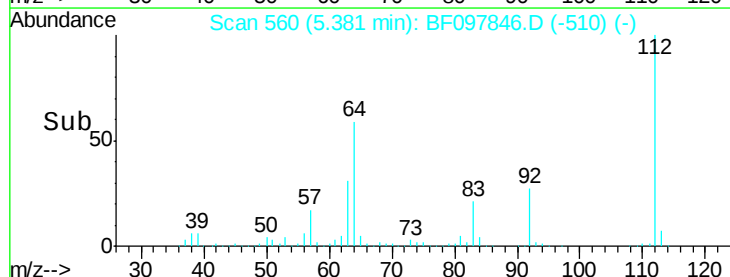
63 30.5 23.4 35.0

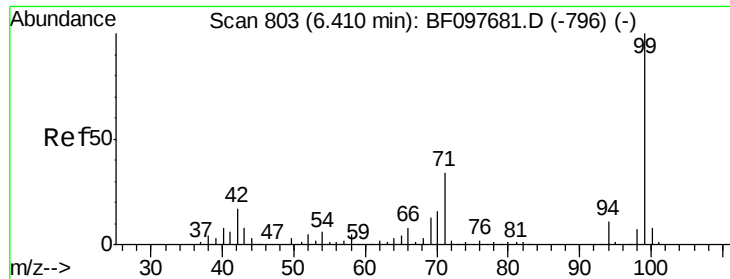


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.95 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

Instrument :

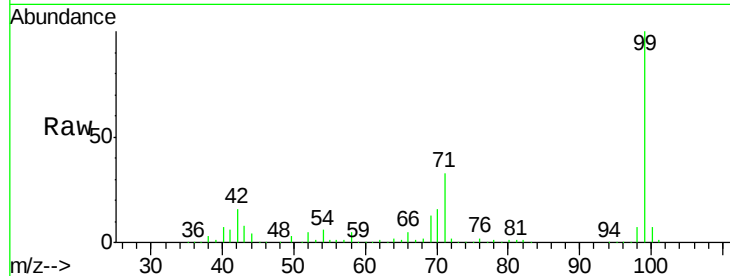
BNA_F

ClientSampled :

E4-24

Tot Ion: 99 Resp: 1166761

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	33.4	24.5	36.7

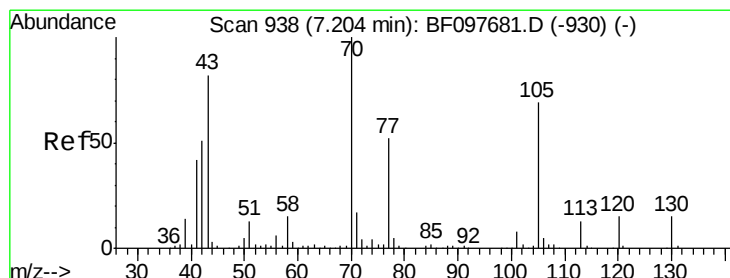
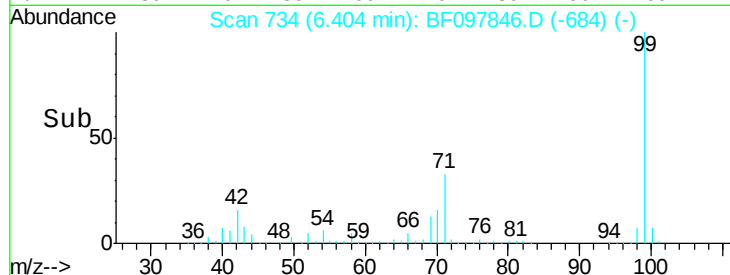


Abundance

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: 14.93 ng

RT: 7.33 min Scan# 892

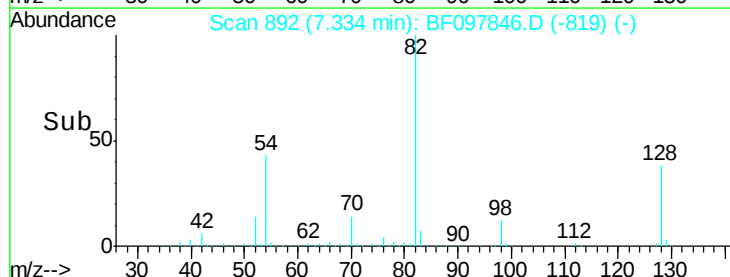
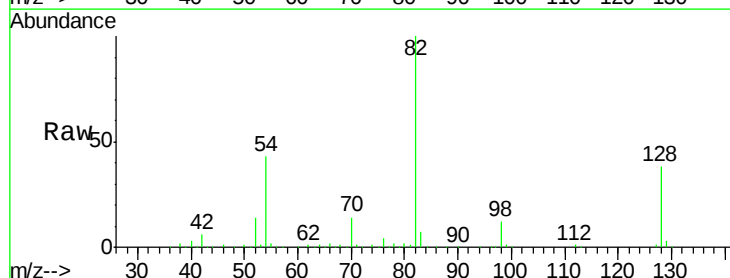
Delta R.T. 0.13 min

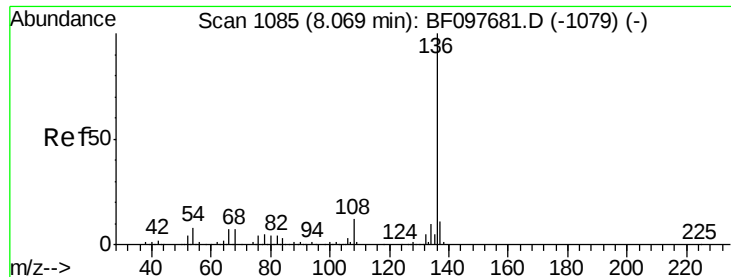
Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

Tgt Ion: 70 Resp: 101086

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

E4-24

Tot Ion:136 Resp: 446989

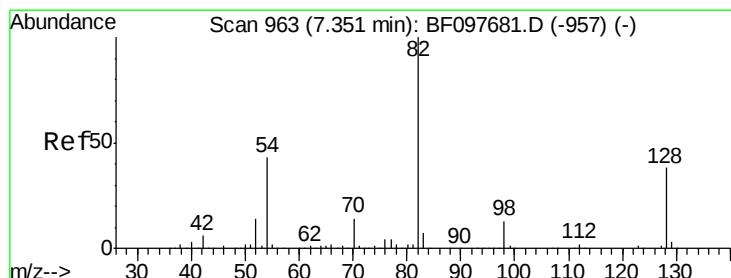
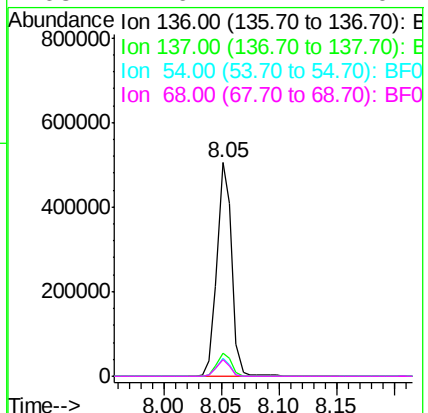
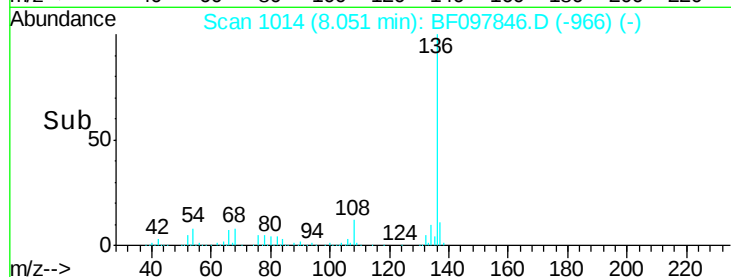
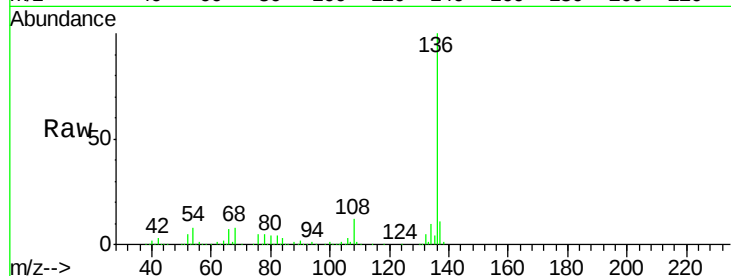
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 8.2 4.9 7.3#

68 7.6 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 89.67 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

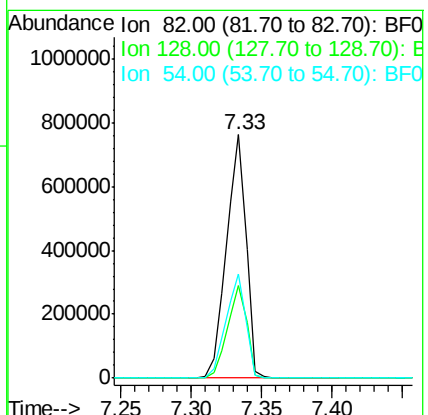
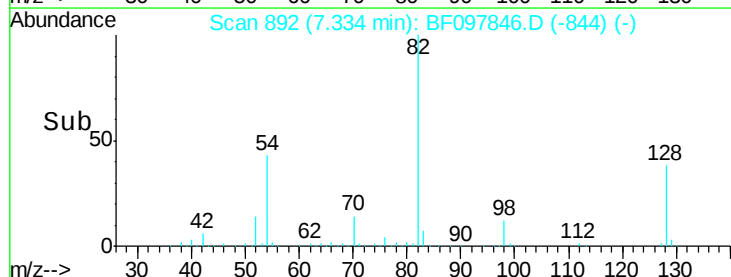
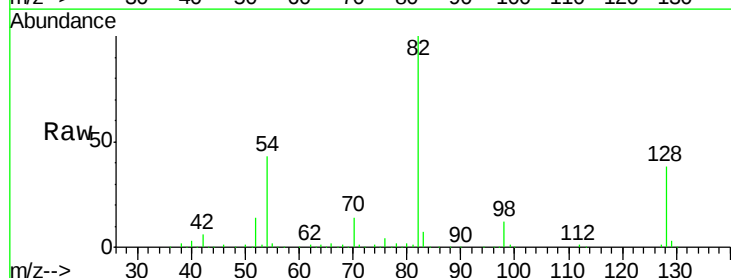
Tgt Ion: 82 Resp: 737817

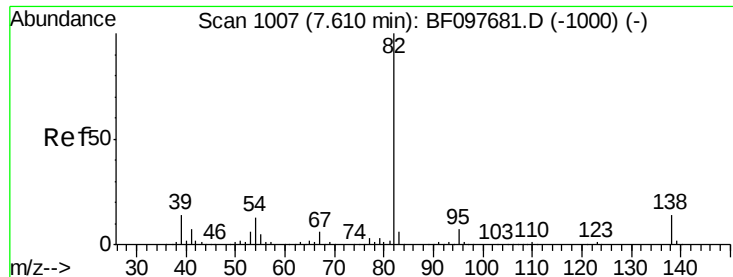
Ion Ratio Lower Upper

82 100

128 37.9 34.0 51.0

54 42.6 42.2 63.2





#25

Isophorone

Concen: 43.12 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.28 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

E4-24

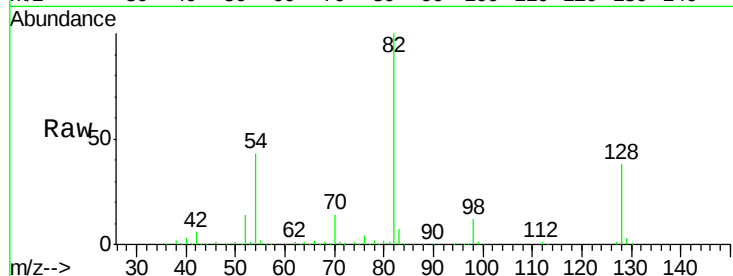
Tot Ion: 82 Resp: 737810

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

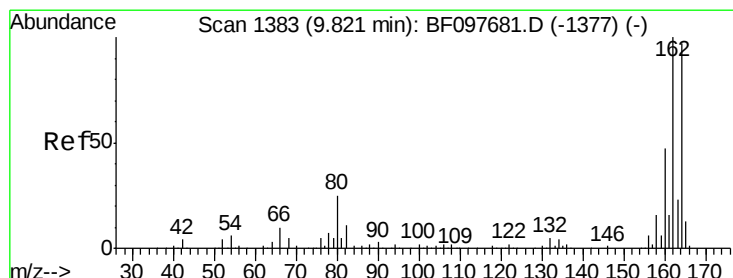
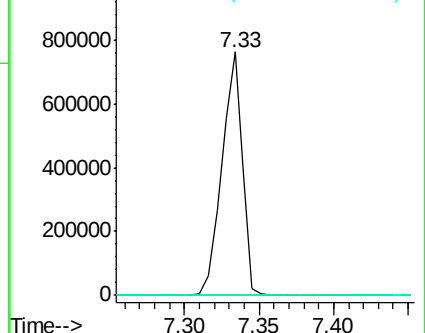
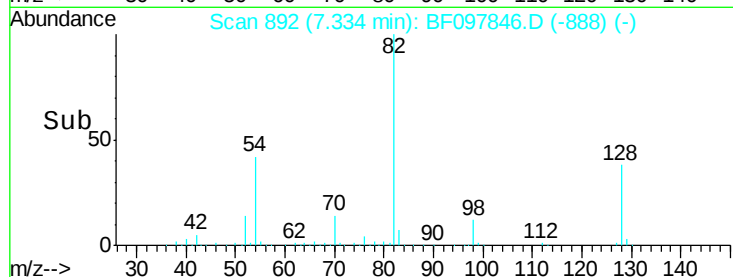
138 0.0 13.1 19.7#



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: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

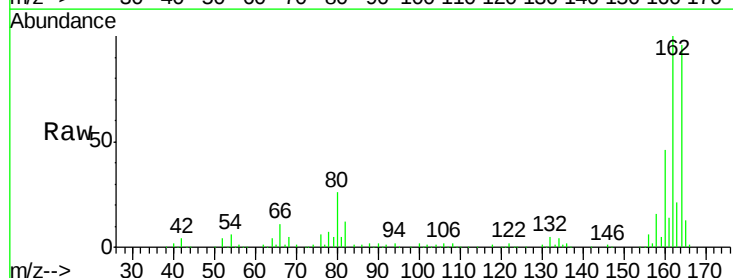
Tgt Ion:164 Resp: 200664

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

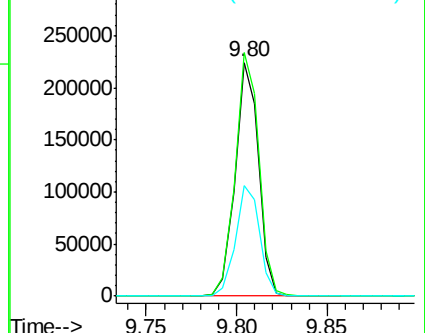
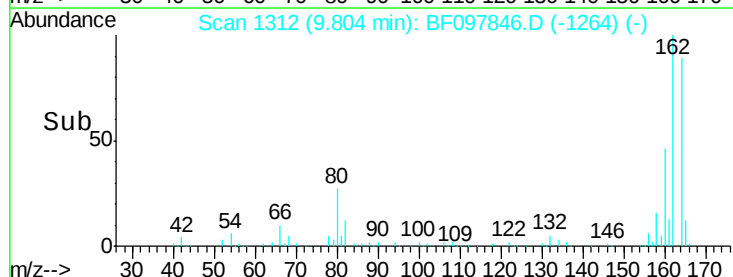
160 47.5 36.2 54.2

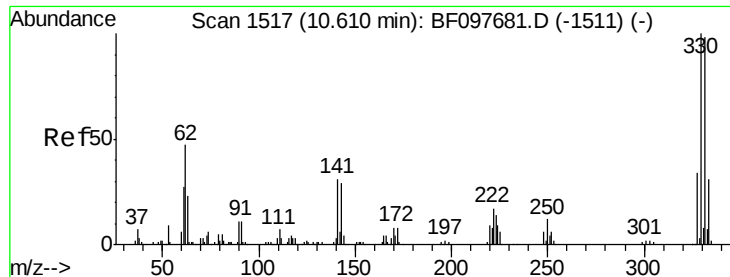


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

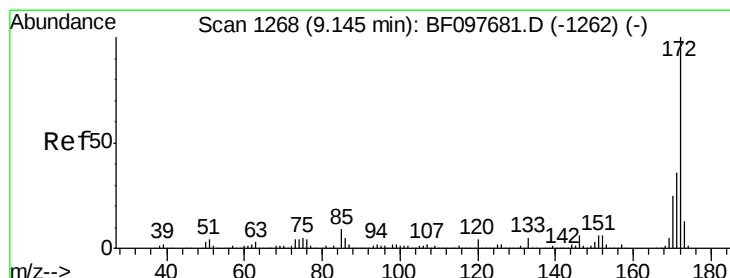
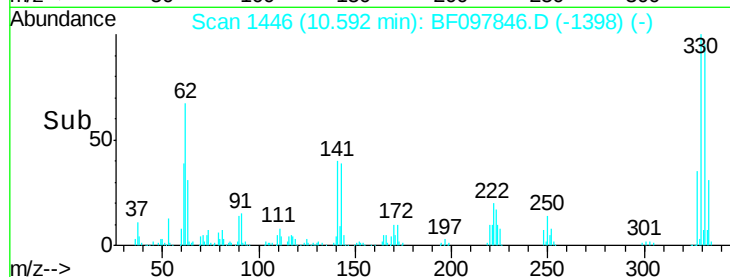
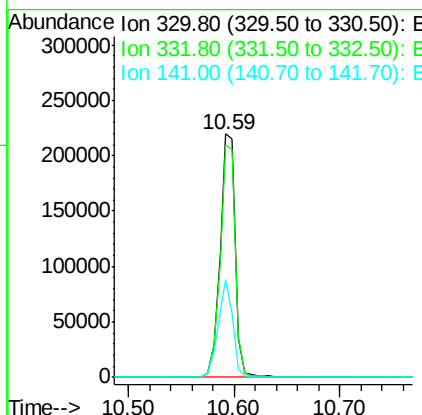
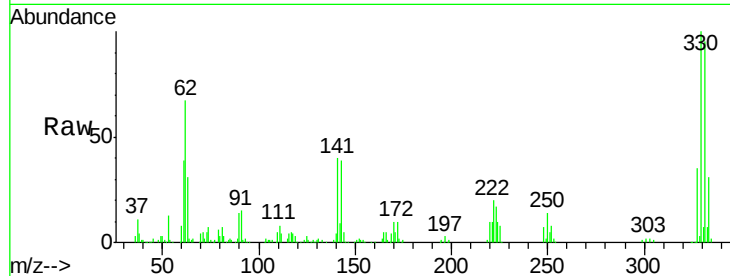




#41
 2,4,6-Tribromophenol
 Concen: 127.70 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097846.D
 Acq: 18 Aug 2017 21:31

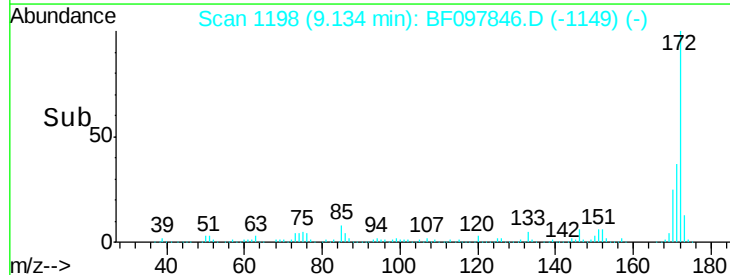
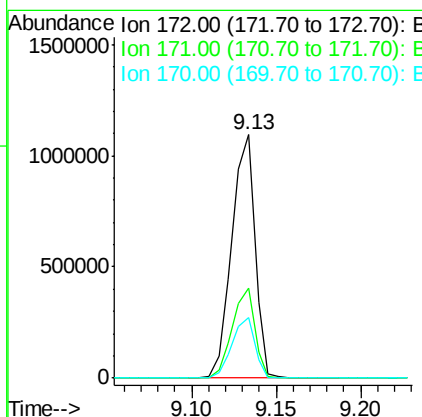
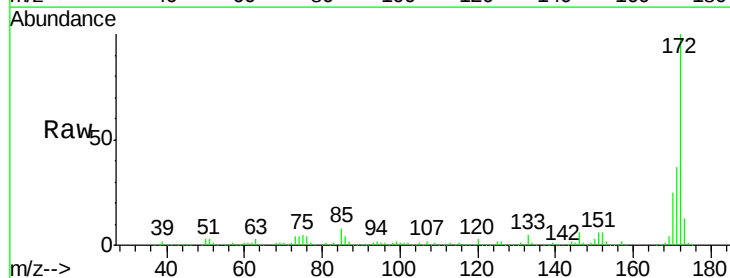
Instrument :
 BNA_F
 ClientSampleId :
 E4-24

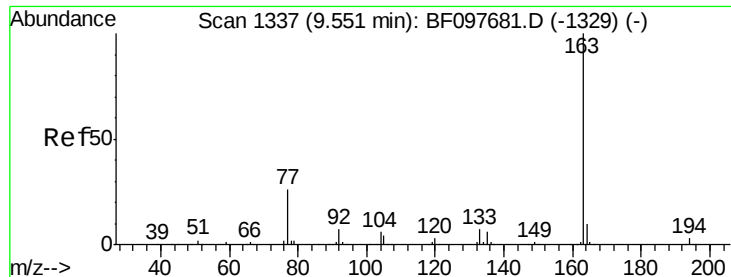
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 76.51 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097846.D
 Acq: 18 Aug 2017 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.8	19.8	29.8

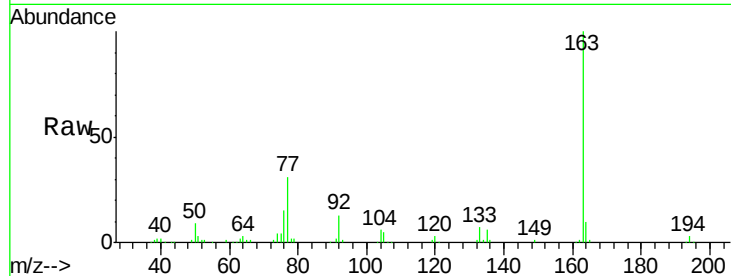




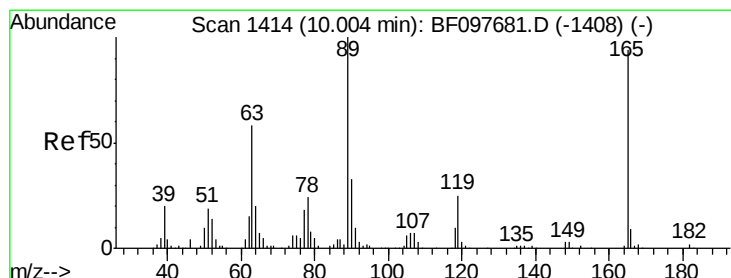
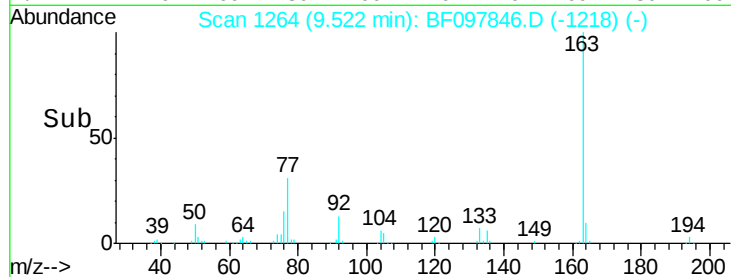
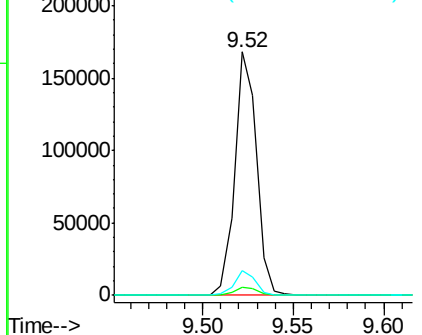
#49
Dimethylphthalate
Concen: 9.58 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Instrument :
BNA_F
ClientSampleId :
E4-24

Tot Ion:163 Resp: 140529
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

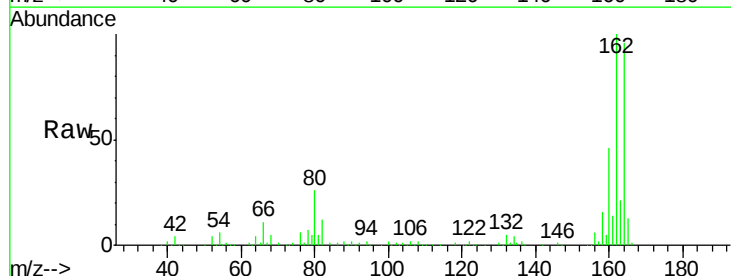


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

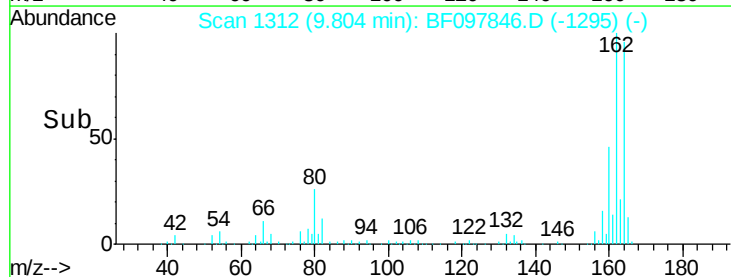
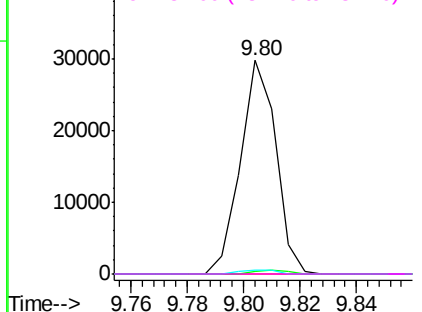


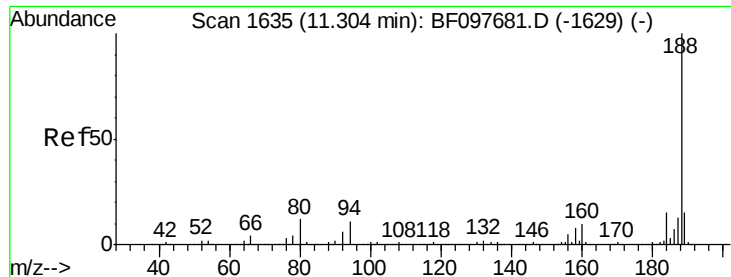
#56
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Tgt Ion:165 Resp: 25884
Ion Ratio Lower Upper
165 100
63 1.1 25.4 38.0#
89 2.0 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

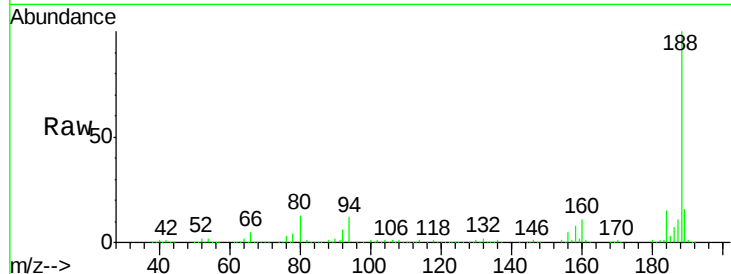




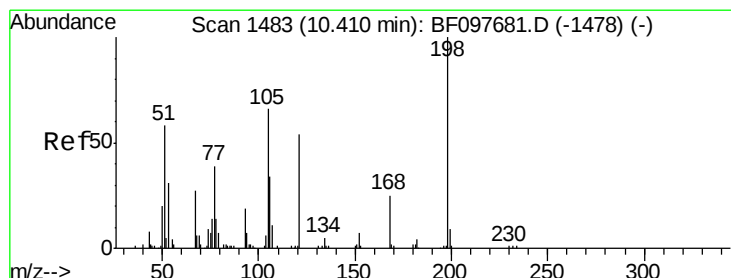
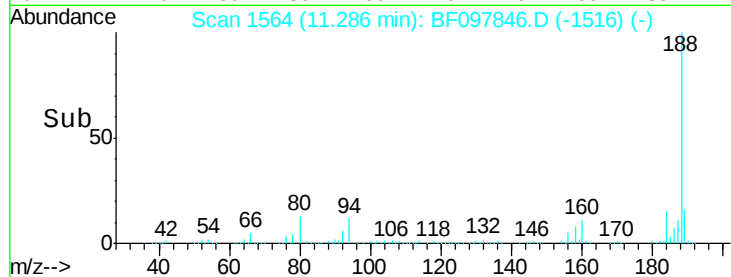
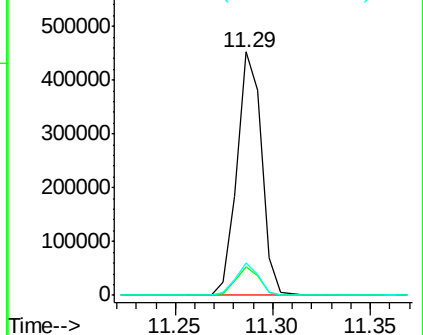
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Instrument :
BNA_F
ClientSampleId :
E4-24

Tot Ion:188 Resp: 398772
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.3 10.2 15.2

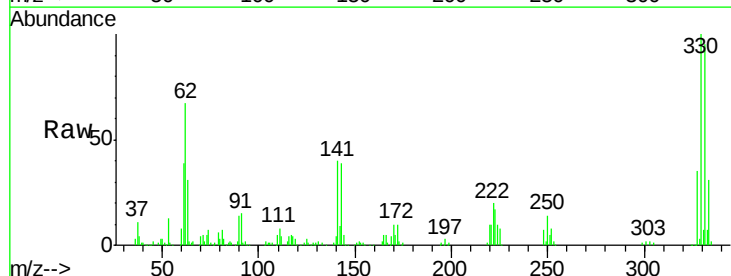


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

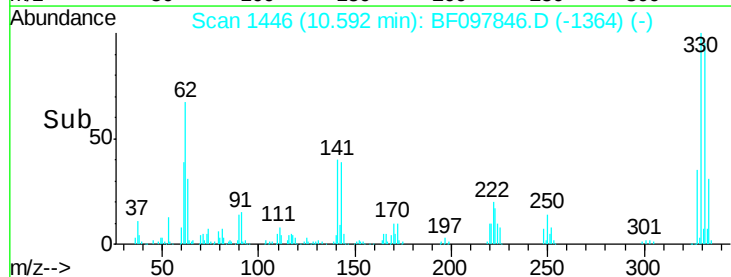
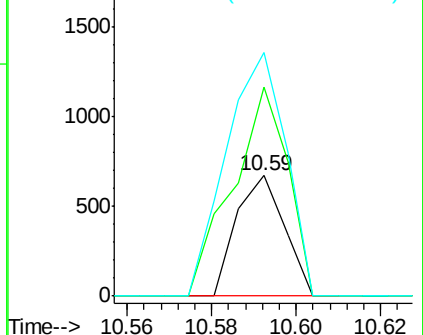


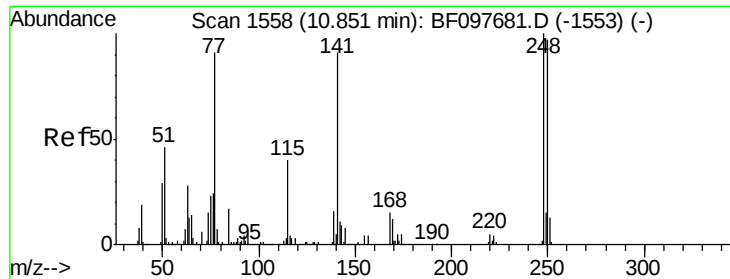
#64
4,6-Dinitro-2-methylphenol
Concen: 8.55 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Tgt Ion:198 Resp: 528
Ion Ratio Lower Upper
198 100
51 174.1 53.2 93.2#
105 202.4 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

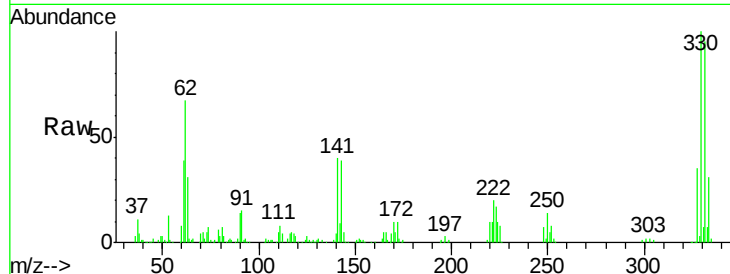




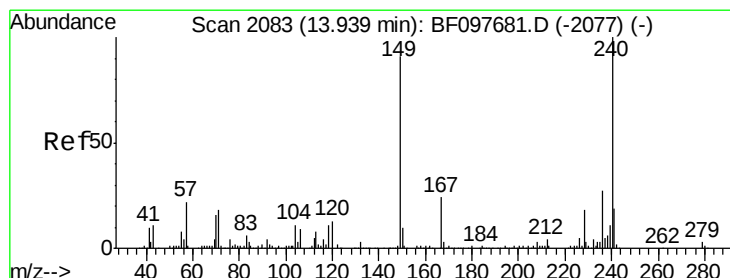
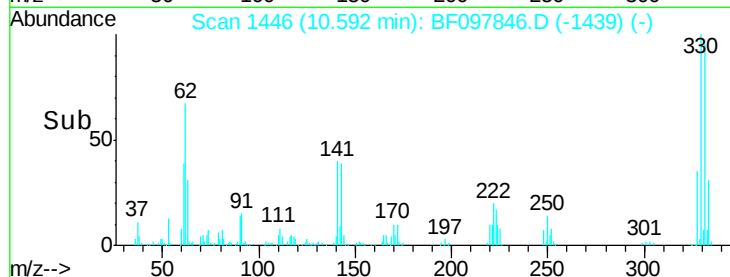
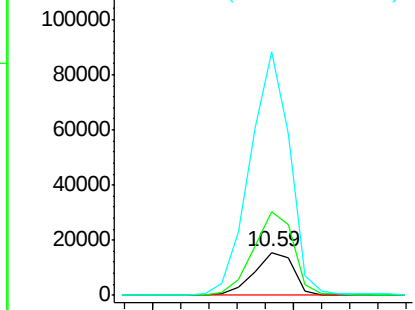
#66
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Instrument :
BNA_F
ClientSampleId :
E4-24

Tot Ion:248 Resp: 14965
Ion Ratio Lower Upper
248 100
250 197.2 76.8 115.2#
141 570.2 68.6 103.0#

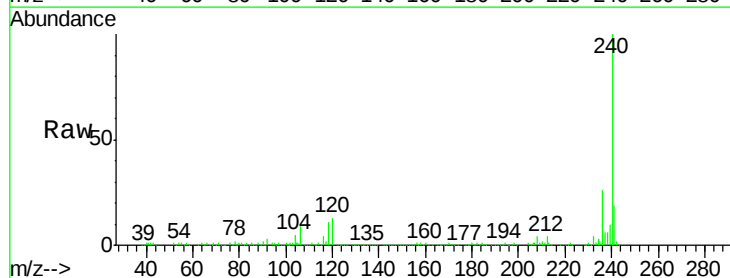


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

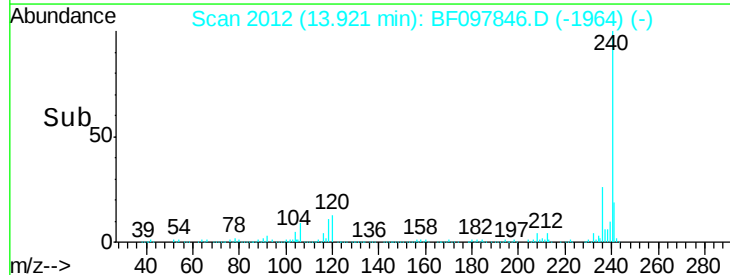
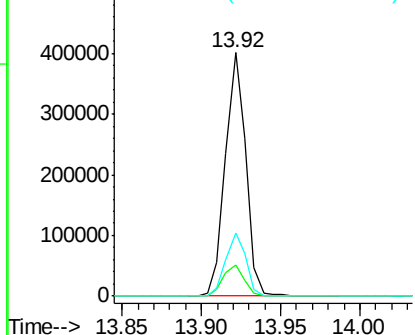


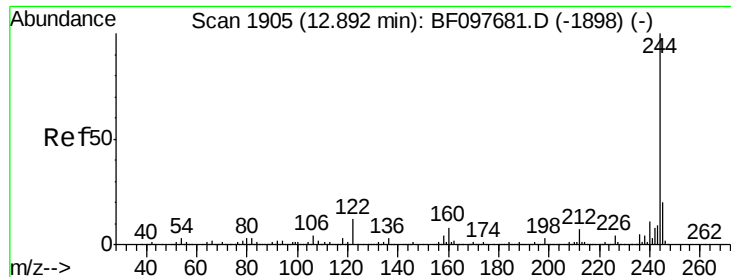
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097846.D
Acq: 18 Aug 2017 21:31

Tgt Ion:240 Resp: 359215
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 26.0 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: 57.45 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097846.D

Acq: 18 Aug 2017 21:31

Instrument :

BNA_F

ClientSampled :

E4-24

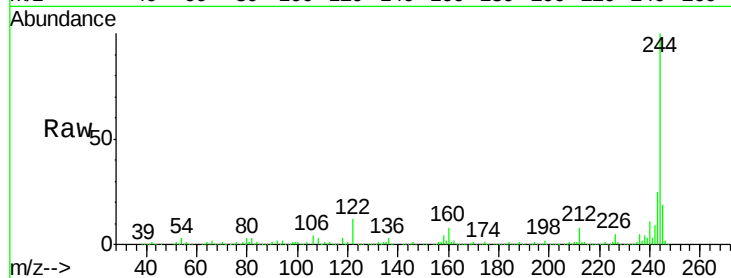
Tot Ion:244 Resp: 989676

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

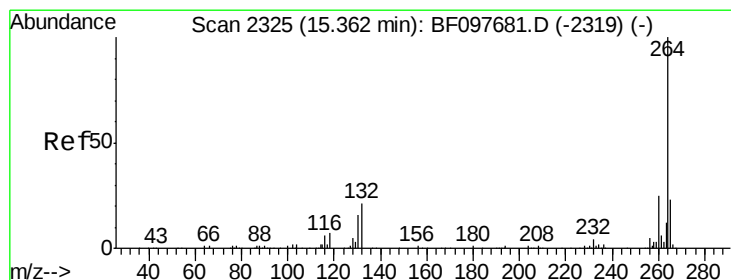
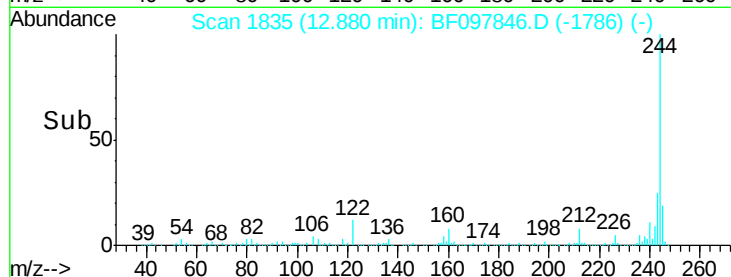
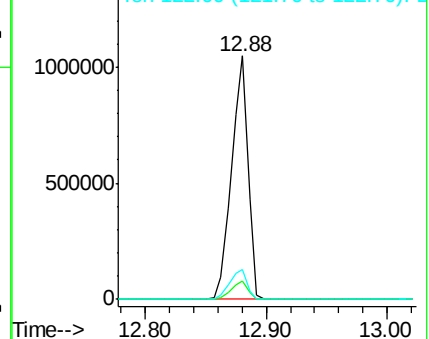
122 12.3 10.3 15.5



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: BF097846.D

Acq: 18 Aug 2017 21:31

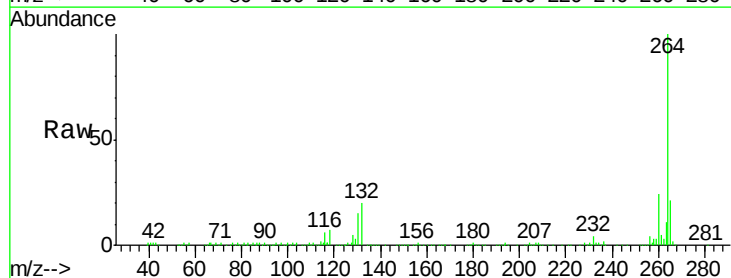
Tgt Ion:264 Resp: 291477

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 20.7 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

