

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097844.D
 Acq On : 18 Aug 2017 20:35
 Operator : SJ/JU
 Sample : I4811-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-18

Quant Time: Aug 19 00:13:35 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

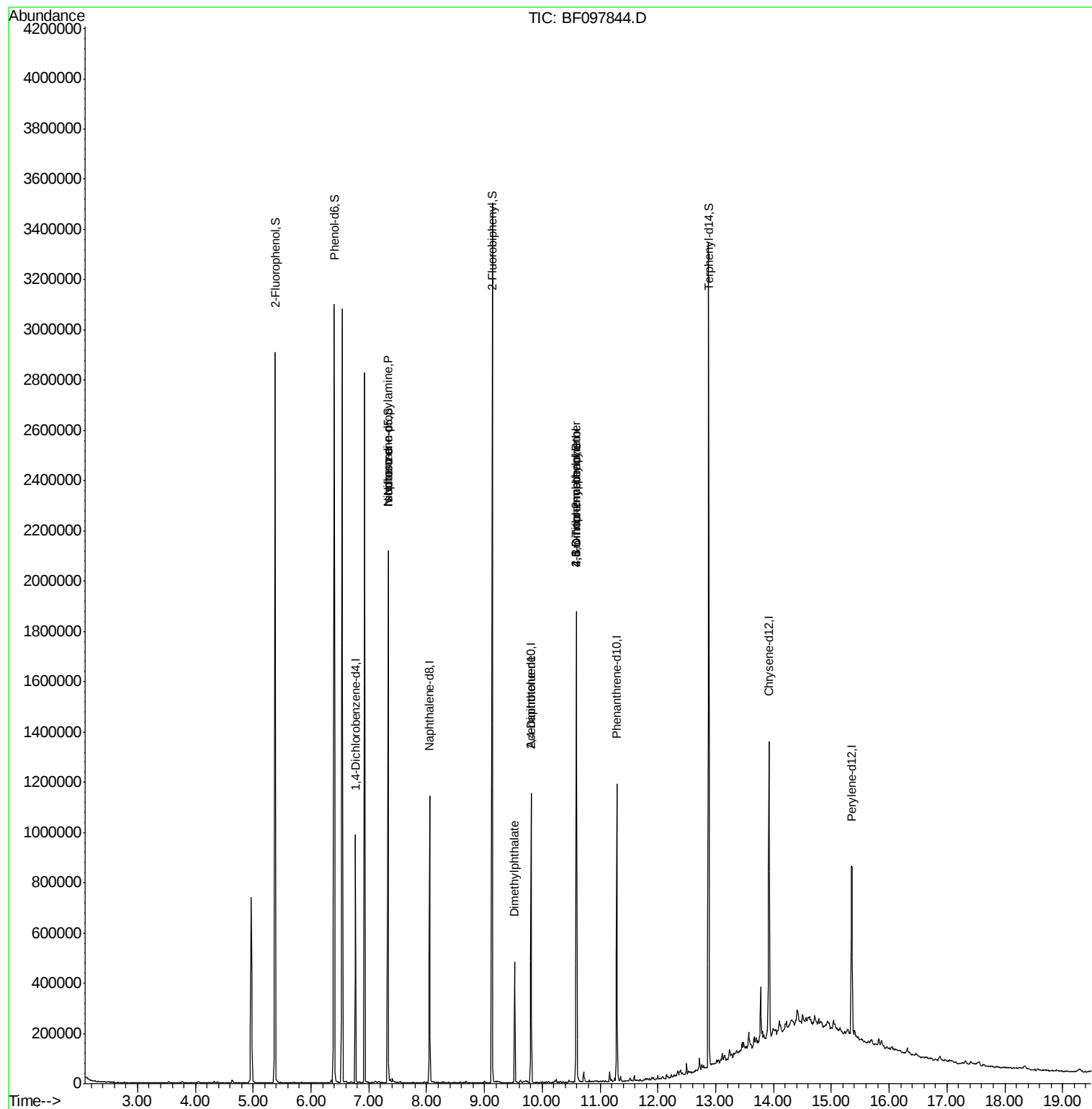
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	117528	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	473787	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	211511	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	422233	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	385229	20.00	ng	-0.02
86) Perylene-d12	15.36	264	308465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	843841	109.21	ng	0.00
7) Phenol-d6	6.40	99	1197990	114.11	ng	0.00
23) Nitrobenzene-d5	7.33	82	781262	89.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	207823	113.24	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1097319	76.22	ng	-0.01
78) Terphenyl-d14	12.88	244	1027035	55.60	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	107609	14.97	ng	# 73
25) Isophorone	7.33	82	781256	43.08	ng	# 67
49) Dimethylphthalate	9.52	163	164571	10.64	ng	100
56) 2,4-Dinitrotoluene	9.80	165	27129	7.00	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.59	198	590	8.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	13814	3.15	ng	# 1

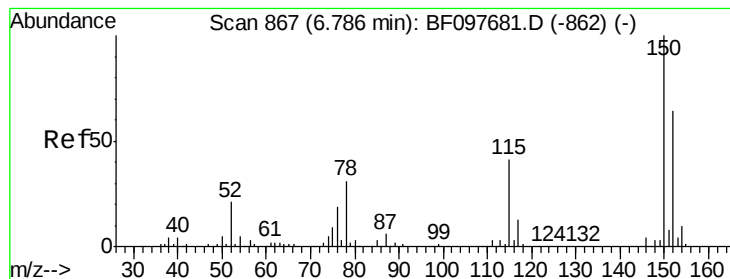
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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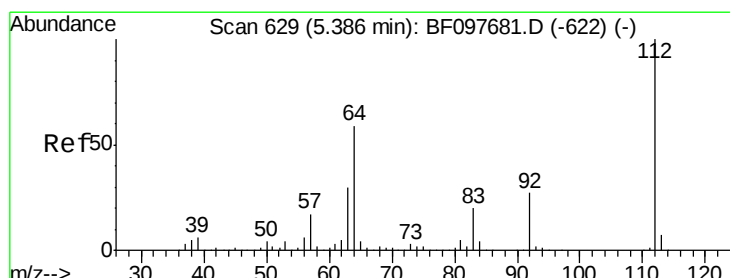
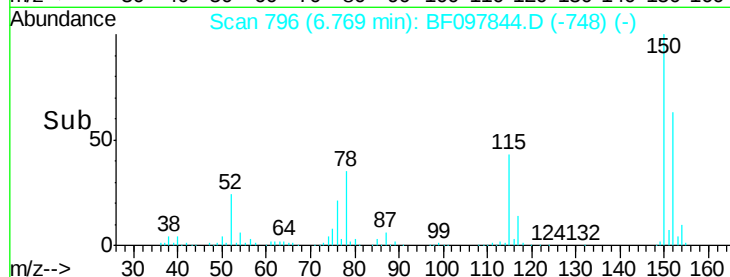
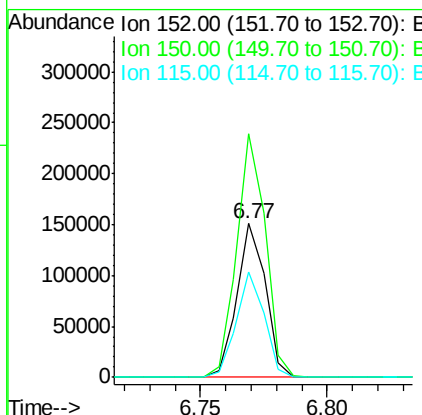
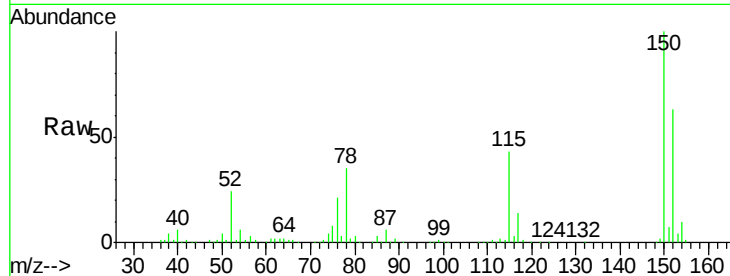


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Instrument :
BNA_F
ClientSampleId :
EP-18

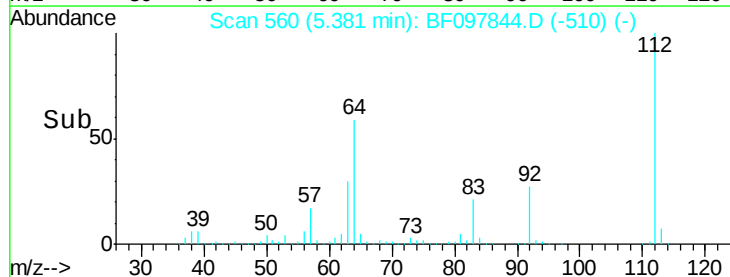
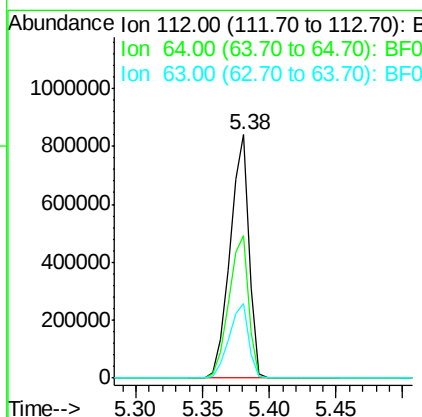
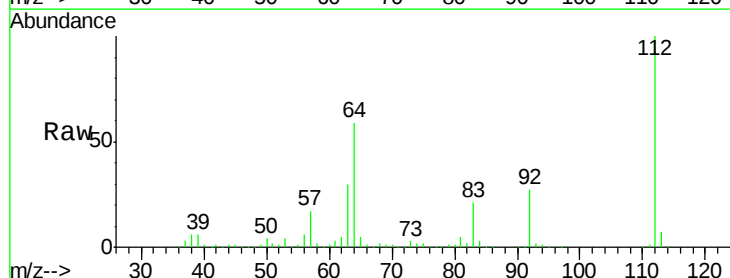
Tot Ion:152 Resp: 117528
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 68.4 52.2 78.2

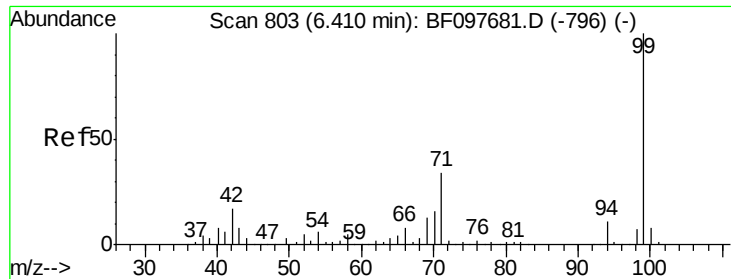


#5

2-Fluorophenol
Concen: 109.21 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Tgt Ion:112 Resp: 843841
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 30.5 23.4 35.0





#7

Phenol-d6

Concen: 114.11 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

EP-18

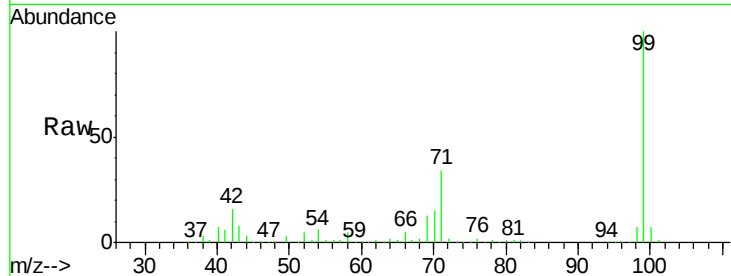
Tot Ion: 99 Resp: 1197990

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

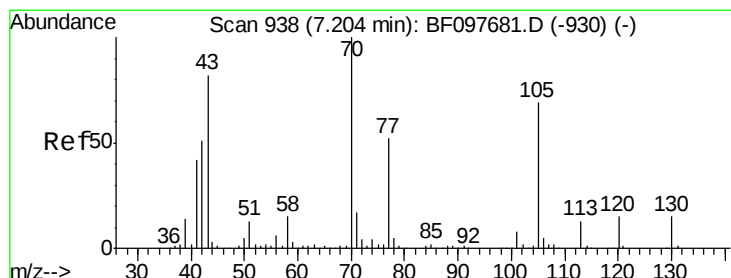
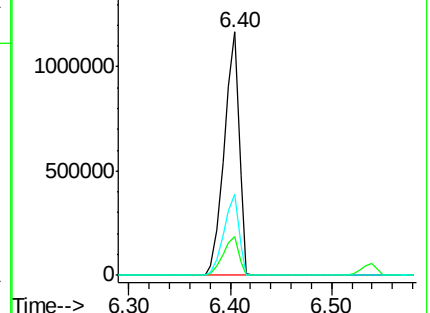
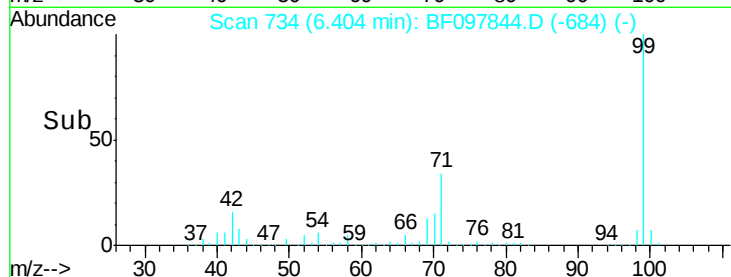
71 33.6 24.5 36.7



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: 14.97 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.13 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

Tgt Ion: 70 Resp: 107609

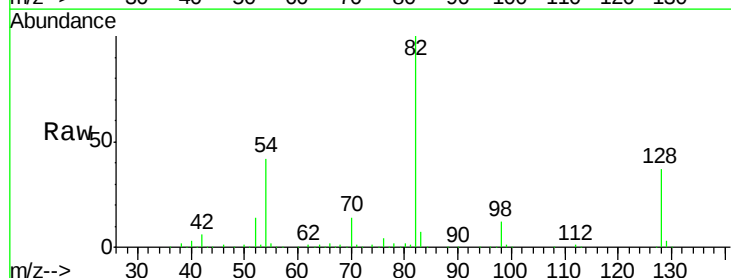
Ion Ratio Lower Upper

70 100

42 41.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

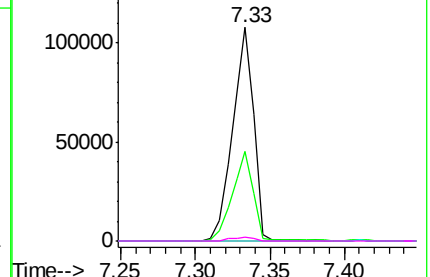
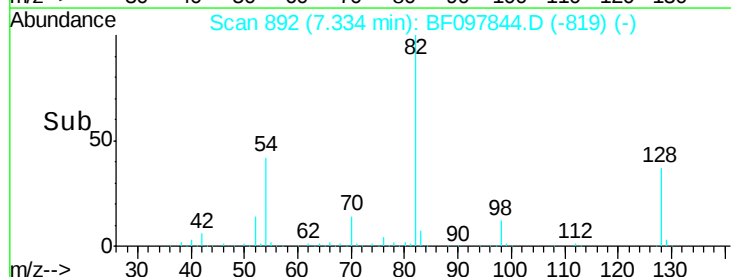


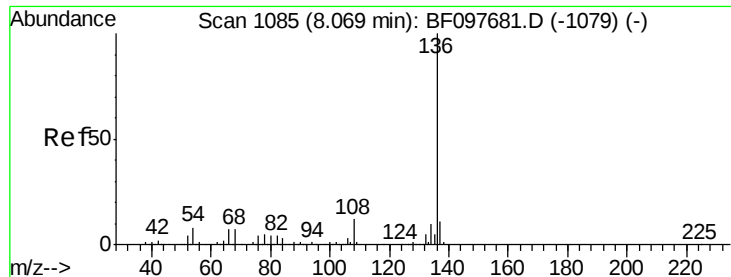
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF097844.D

Acq: 18 Aug 2017 20:35

Instrument :

BNA_F

ClientSampleId :

EP-18

Tot Ion:136 Resp: 473787

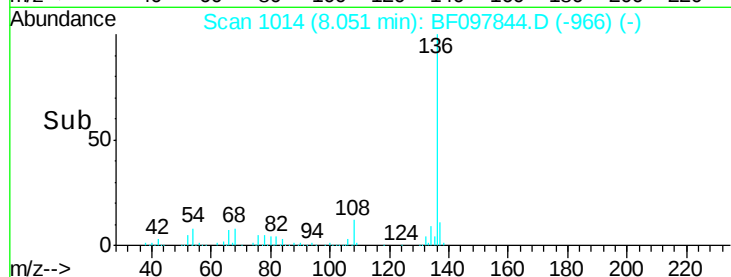
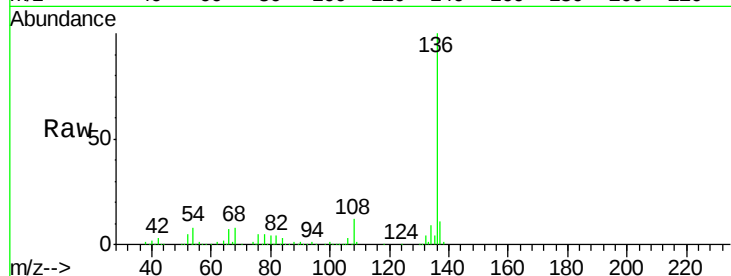
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.1 4.9 7.3#

68 7.6 4.1 6.1#

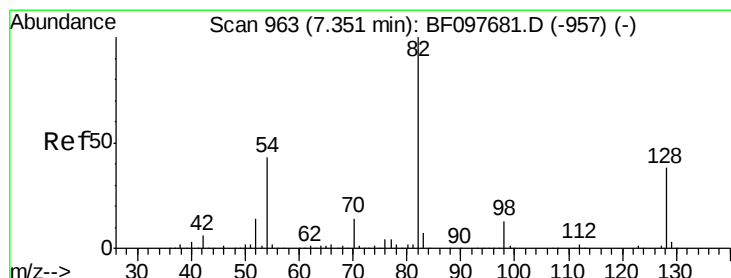
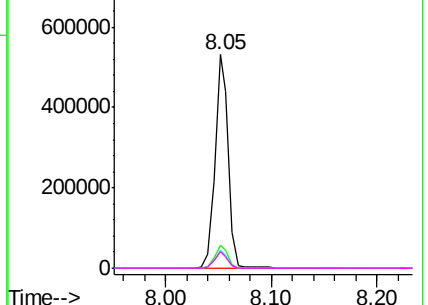


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 89.58 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

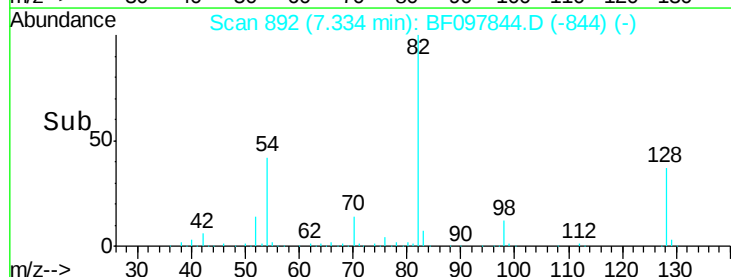
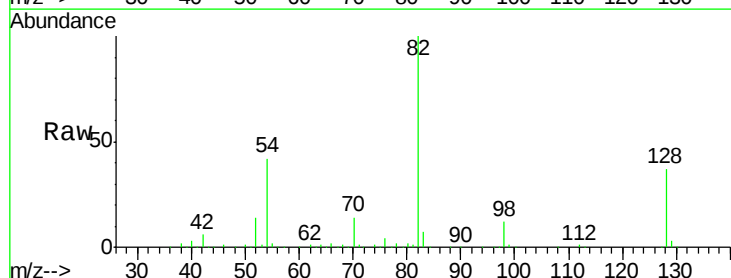
Tgt Ion: 82 Resp: 781262

Ion Ratio Lower Upper

82 100

128 37.5 34.0 51.0

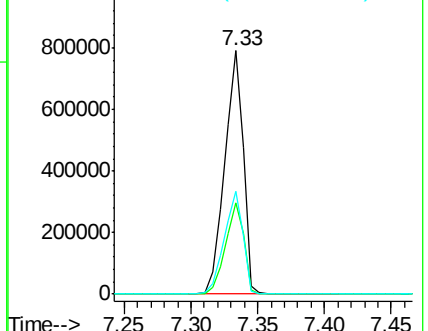
54 42.0 42.2 63.2#

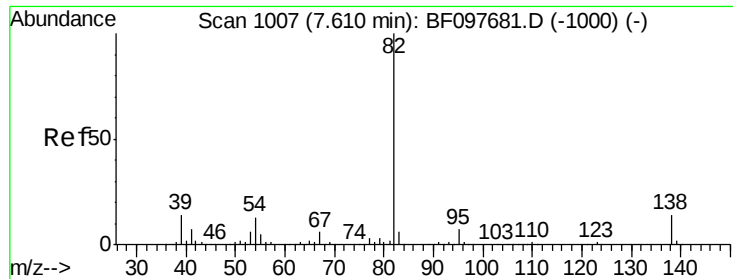


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

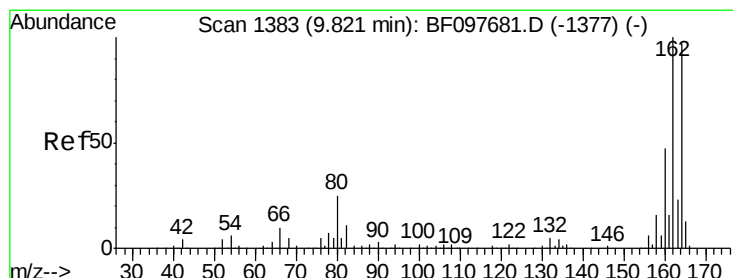
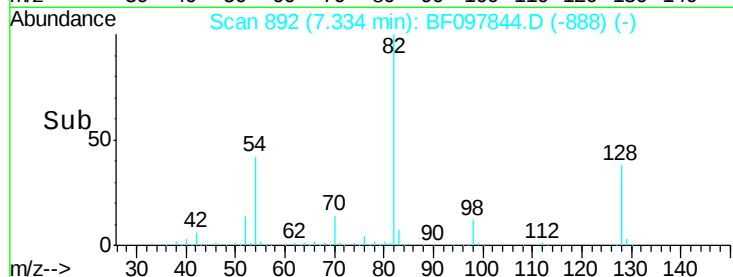
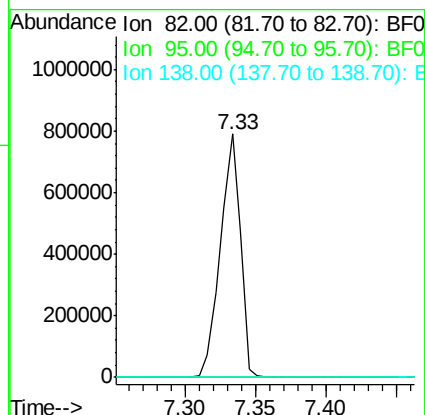
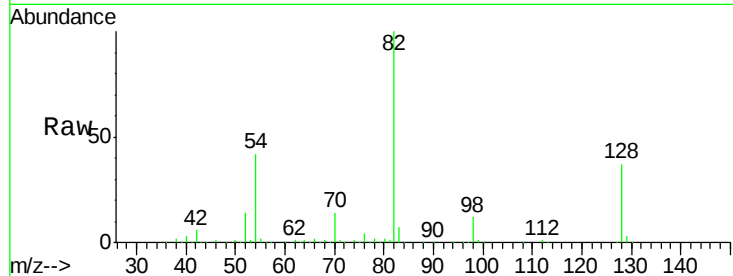




#25
Isophorone
Concen: 43.08 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

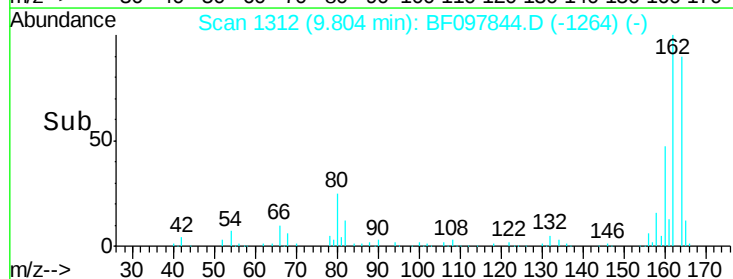
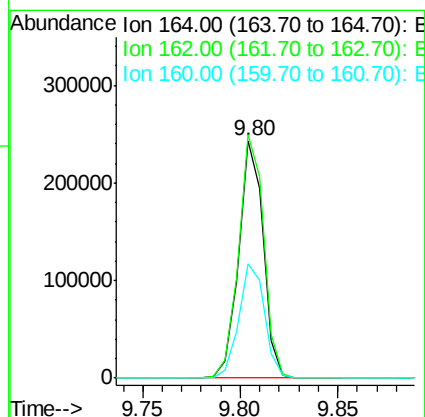
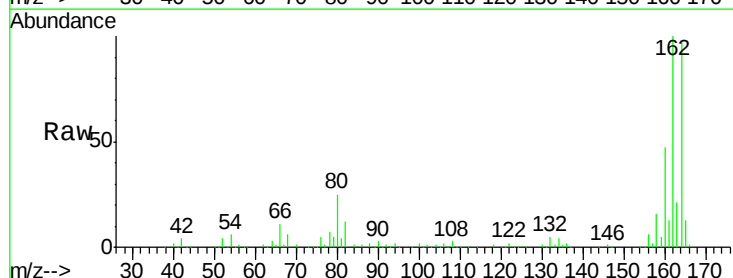
Instrument :
BNA_F
ClientSampleId :
EP-18

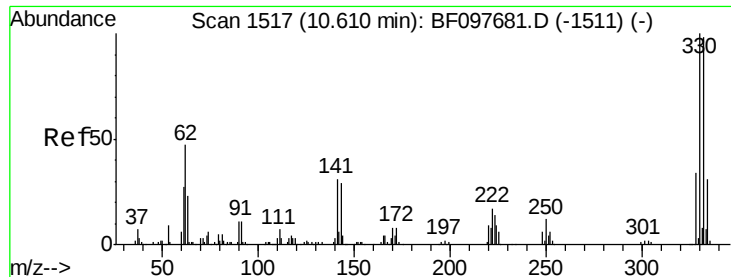
Tot Ion: 82 Resp: 781256
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Tgt Ion:164 Resp: 211511
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 47.9 36.2 54.2

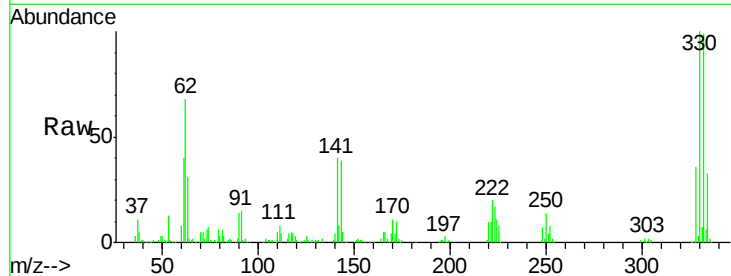




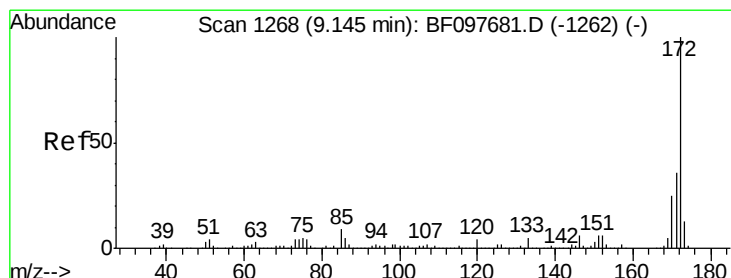
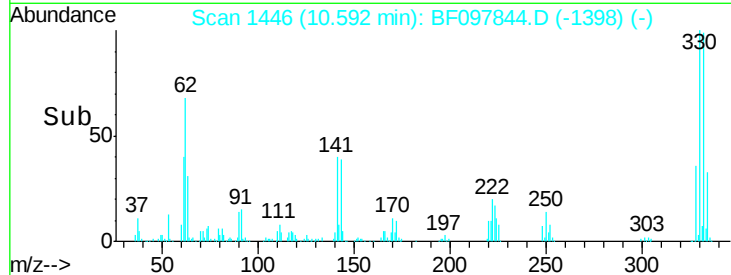
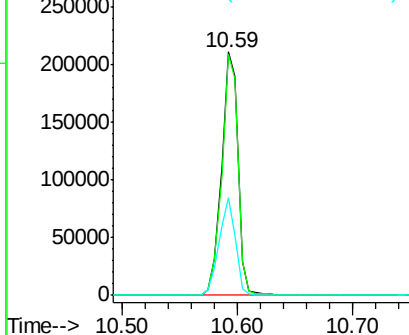
#41
 2,4,6-Tribromophenol
 Concen: 113.24 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097844.D
 Acq: 18 Aug 2017 20:35

Instrument :
 BNA_F
 ClientSampled :
 EP-18

Tot Ion:330 Resp: 207823
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.9 31.4 47.2

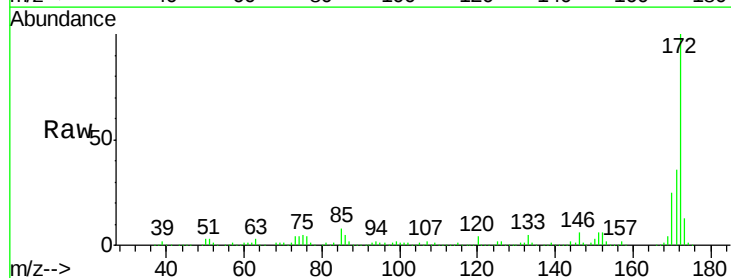


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

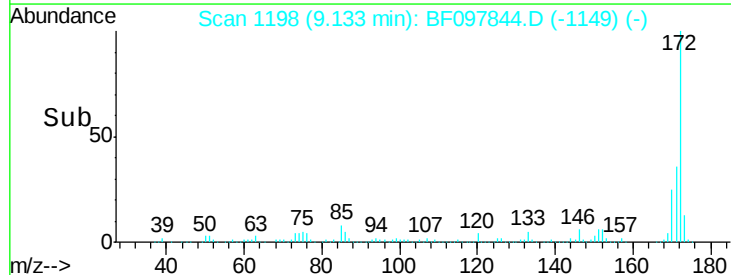
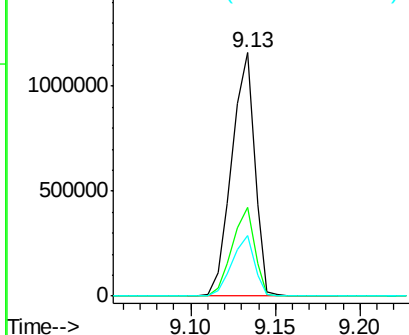


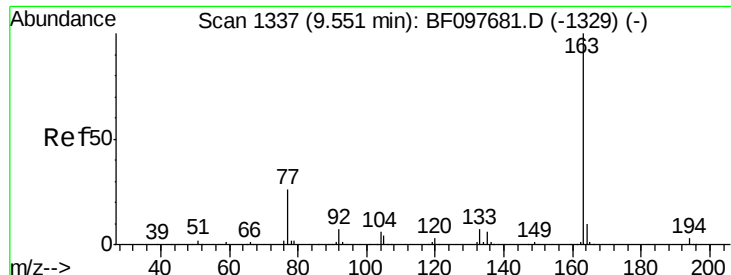
#44
 2-Fluorobiphenyl
 Concen: 76.22 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097844.D
 Acq: 18 Aug 2017 20:35

Tgt Ion:172 Resp: 1097319
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 25.0 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

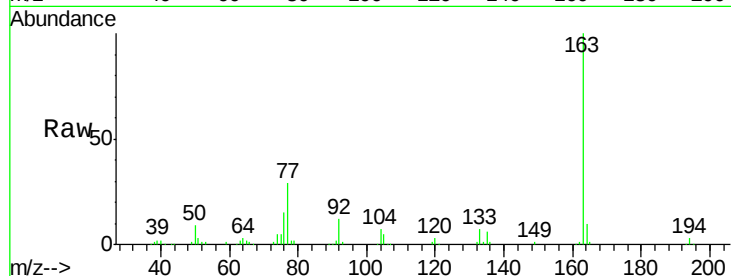




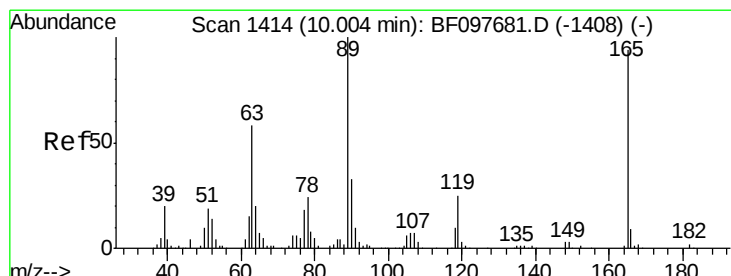
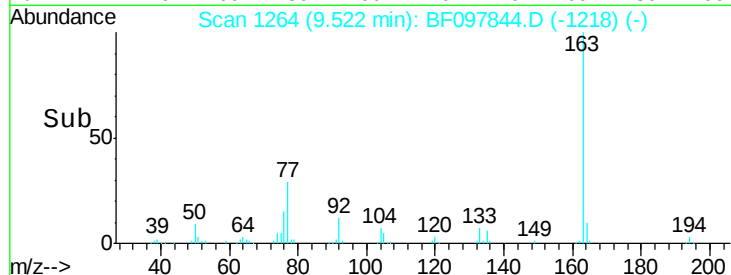
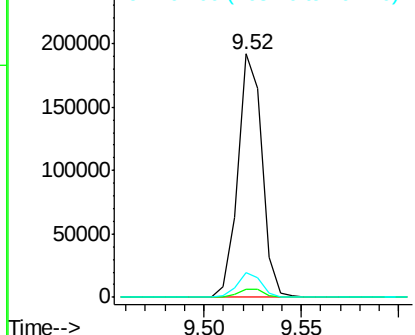
#49
Dimethylphthalate
Concen: 10.64 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Instrument :
BNA_F
ClientSampled :
EP-18

Tot Ion:163 Resp: 164571
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

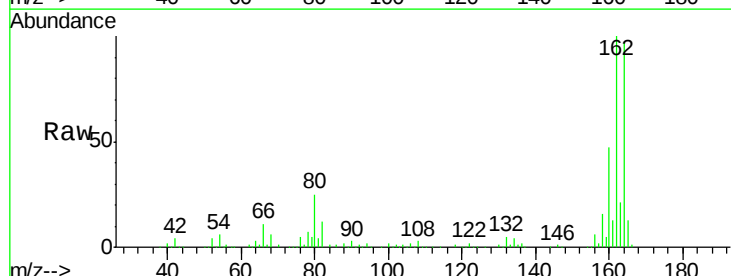


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

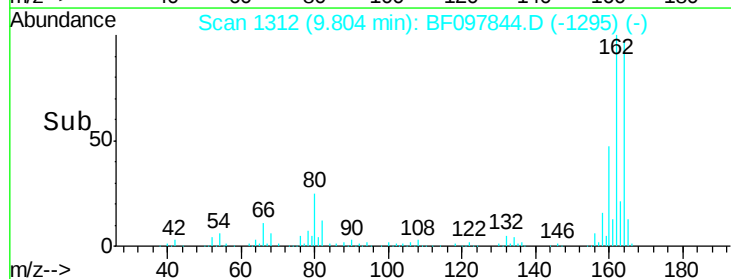
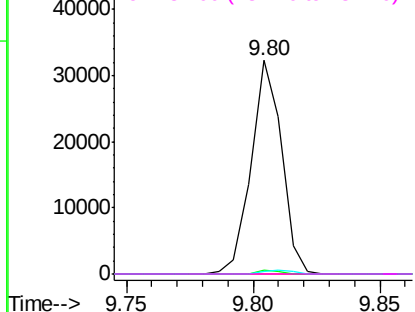


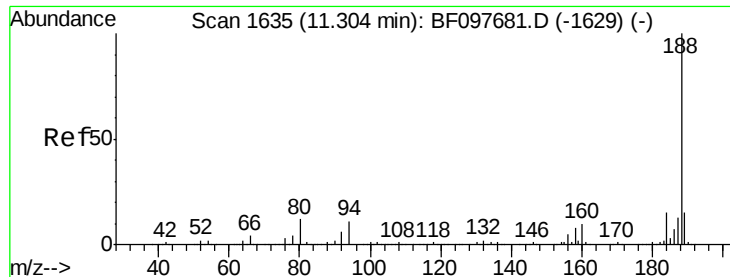
#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Tgt Ion:165 Resp: 27129
Ion Ratio Lower Upper
165 100
63 1.6 25.4 38.0#
89 1.5 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

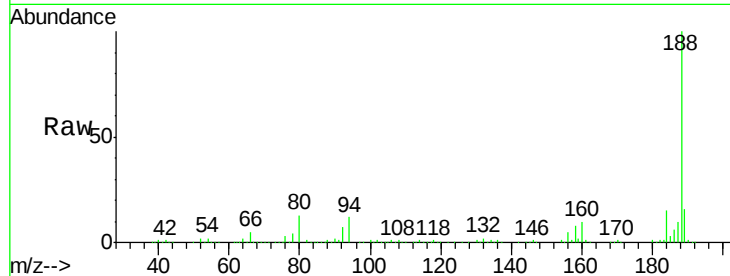




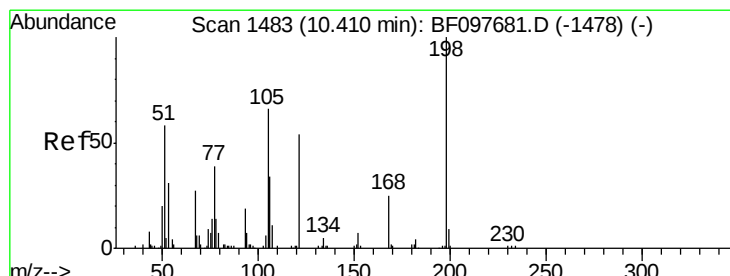
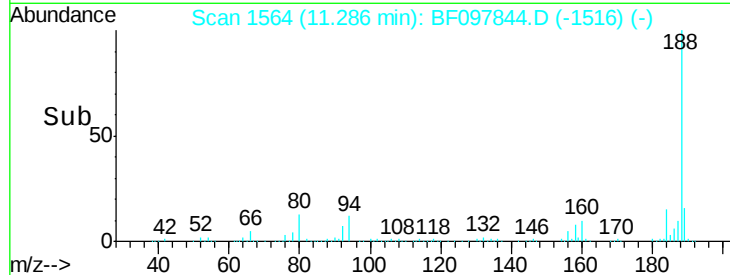
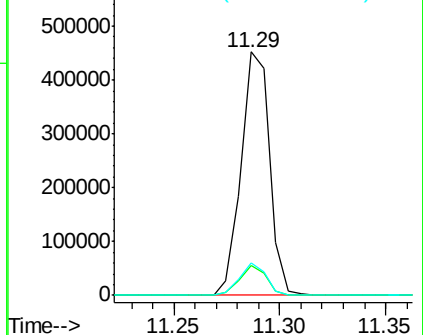
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Instrument :
BNA_F
ClientSampleId :
EP-18

Tot Ion:188 Resp: 422233
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.3 10.2 15.2

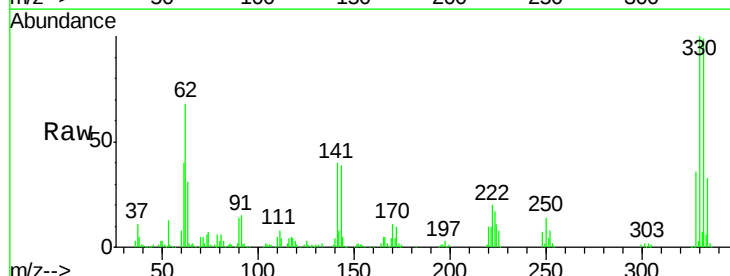


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

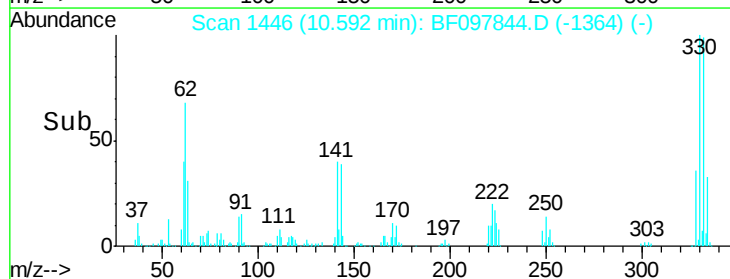
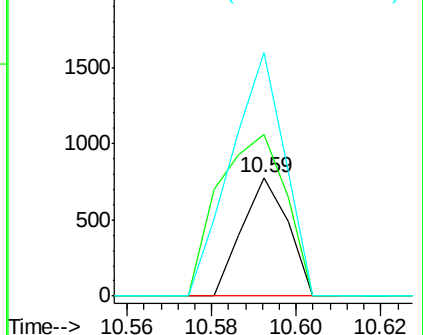


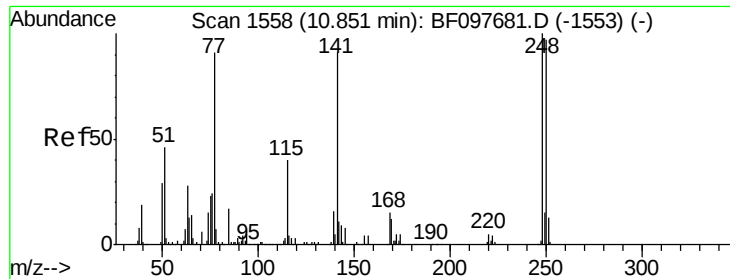
#64
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Tgt Ion:198 Resp: 590
Ion Ratio Lower Upper
198 100
51 135.9 53.2 93.2#
105 205.4 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

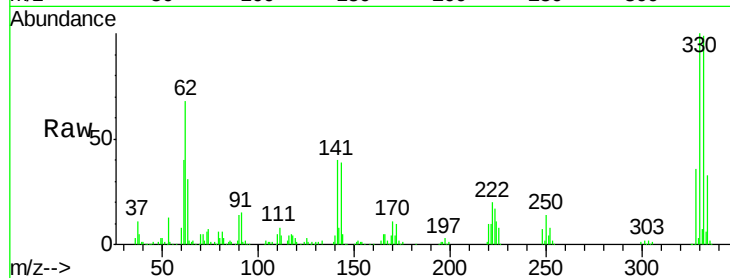




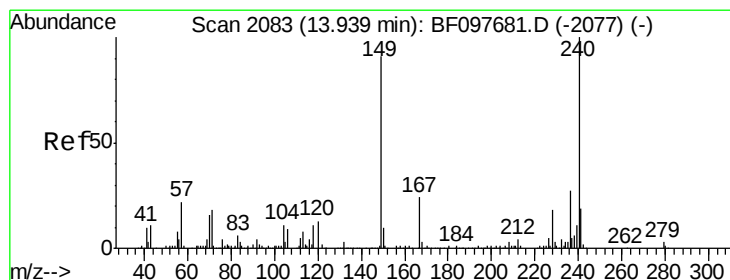
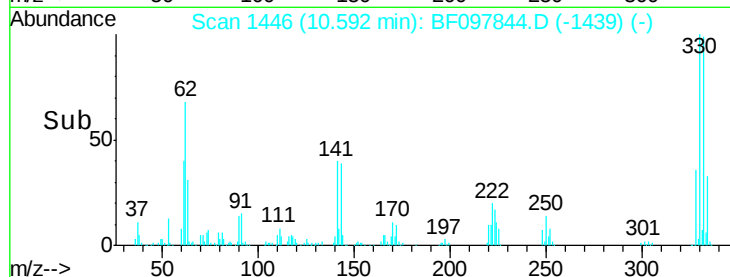
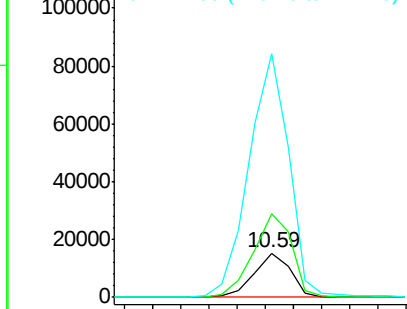
#66
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Instrument :
BNA_F
ClientSampleId :
EP-18

Tot Ion:248 Resp: 13814
Ion Ratio Lower Upper
248 100
250 189.8 76.8 115.2#
141 552.7 68.6 103.0#

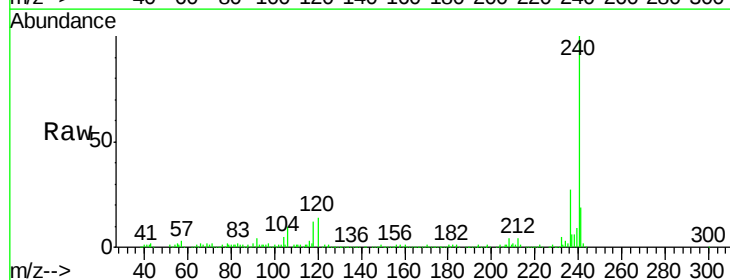


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

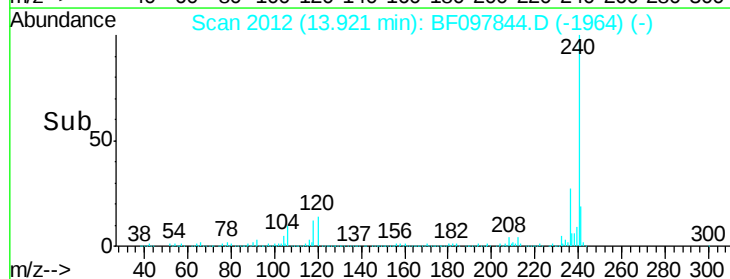
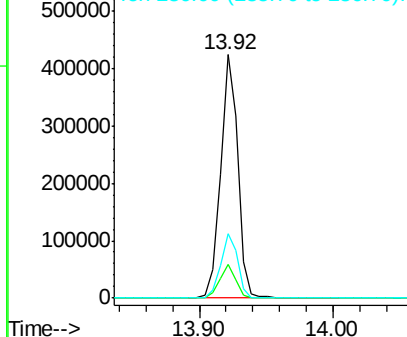


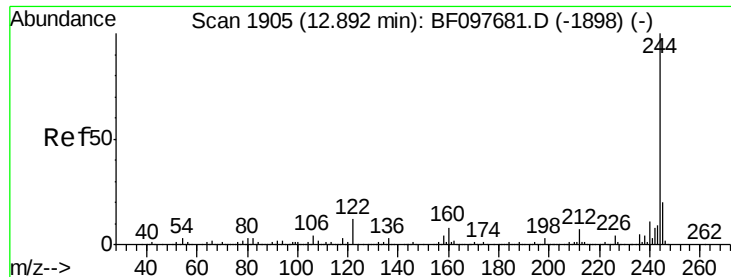
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097844.D
Acq: 18 Aug 2017 20:35

Tgt Ion:240 Resp: 385229
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 26.6 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: 55.60 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

Instrument :

BNA_F

ClientSampled :

EP-18

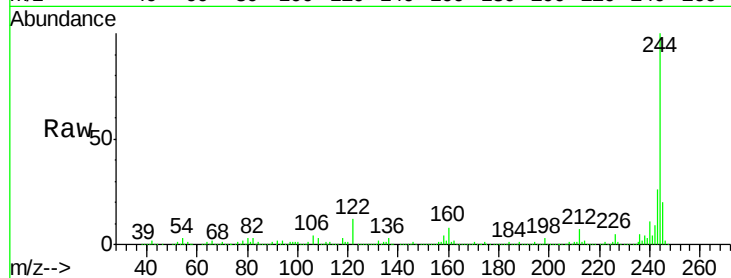
Tot Ion:244 Resp: 1027035

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

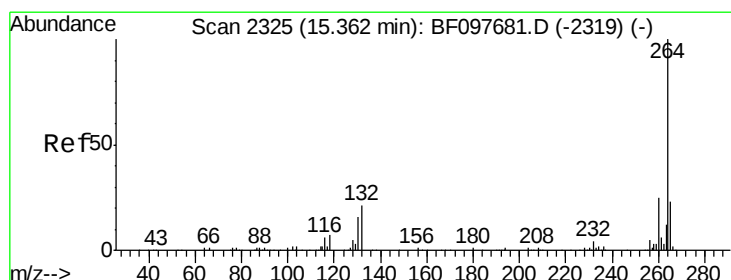
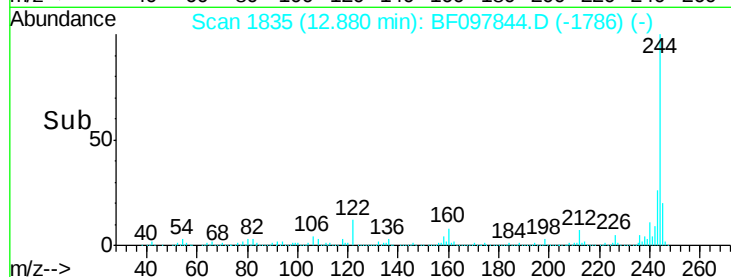
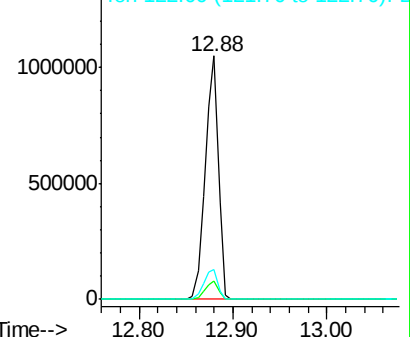
122 12.4 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097844.D

Acq: 18 Aug 2017 20:35

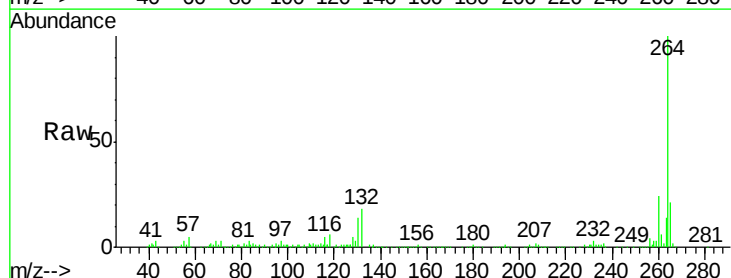
Tgt Ion:264 Resp: 308465

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.2 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

