

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097845.D
 Acq On : 18 Aug 2017 21:03
 Operator : SJ/JU
 Sample : I4811-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-23

Quant Time: Aug 19 00:13:55 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

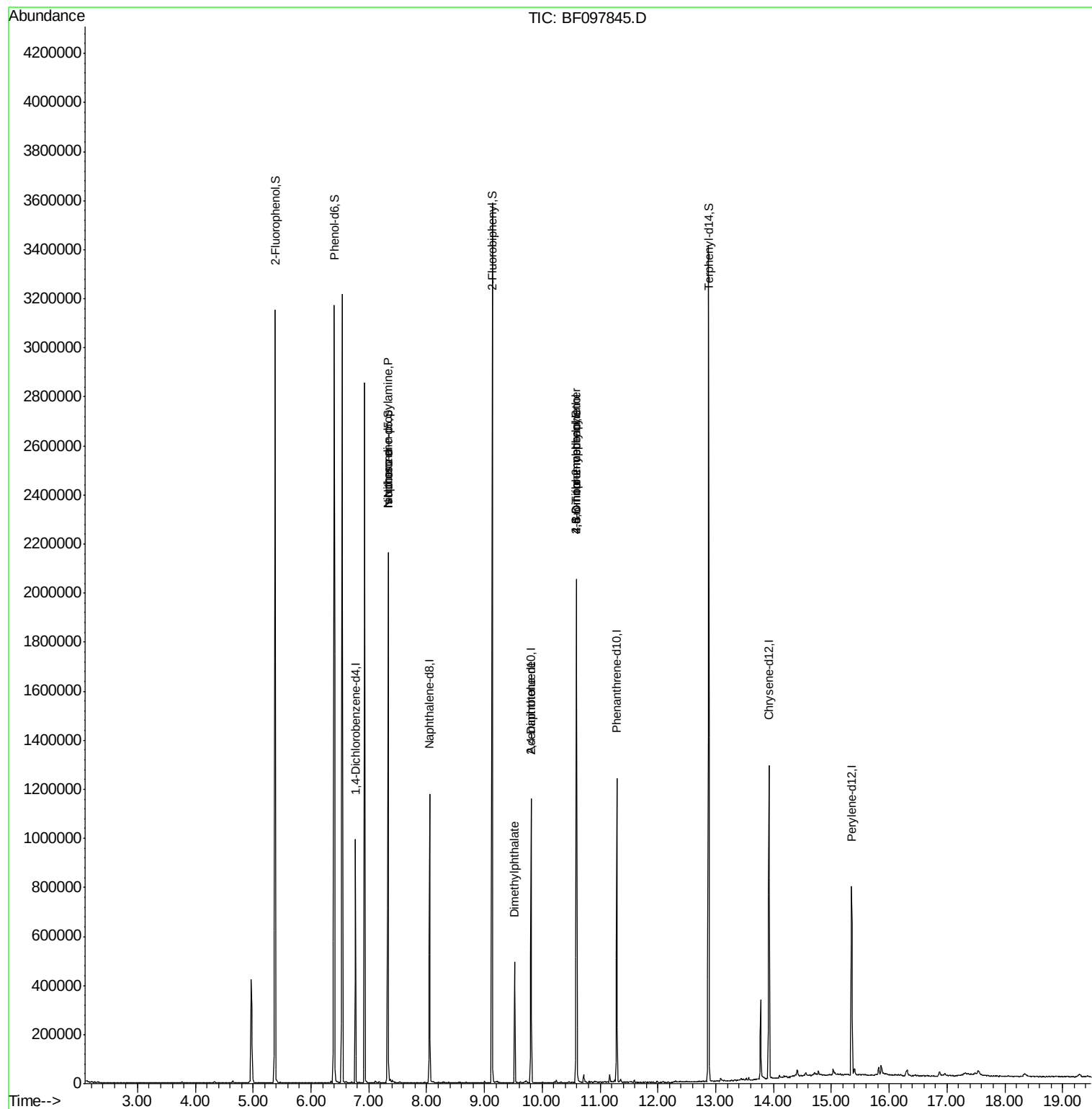
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	124637	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	490487	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	220198	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	439469	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	406520	20.00	ng	-0.02
86) Perylene-d12	15.35	264	331976	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	940606	114.79	ng	0.00
7) Phenol-d6	6.40	99	1271105	114.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	803258	88.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	241633	126.47	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1121912	74.86	ng	-0.01
78) Terphenyl-d14	12.88	244	1058588	54.30	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	107348	14.09	ng	# 73
25) Isophorone	7.33	82	803251	42.78	ng	# 67
49) Dimethylphthalate	9.52	163	169883	10.55	ng	98
56) 2,4-Dinitrotoluene	9.80	165	28921	7.17	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.59	198	630	8.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	15760	3.45	ng	# 1

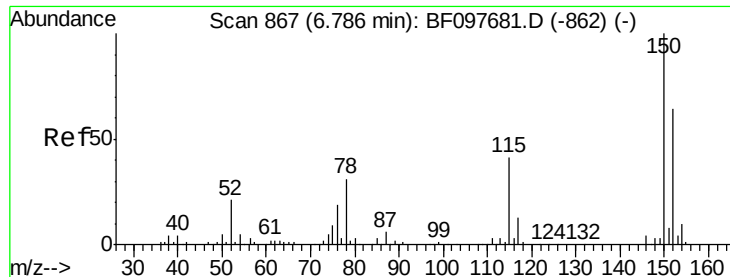
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097845.D

Acq: 18 Aug 2017 21:03

Instrument :

BNA_F

ClientSampled :

EP-23

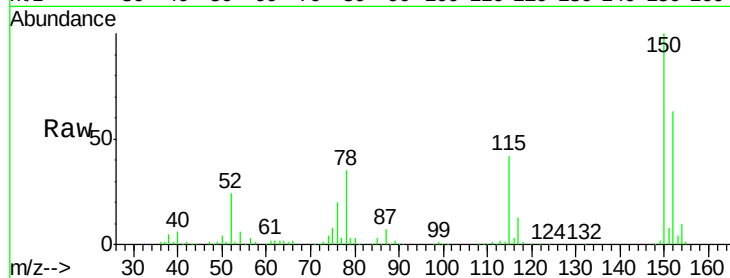
Tot Ion:152 Resp: 124637

Ion Ratio Lower Upper

152 100

150 157.6 126.2 189.2

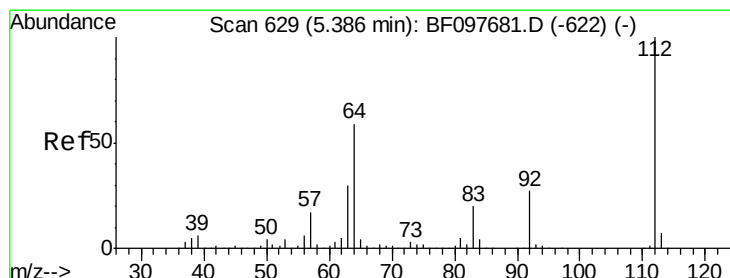
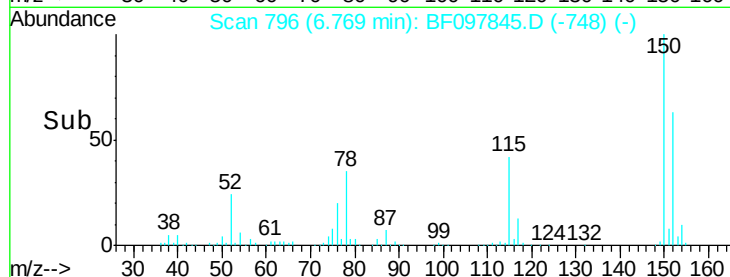
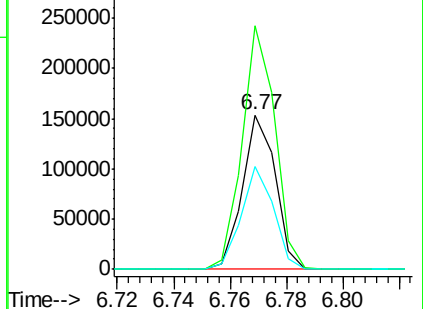
115 66.3 52.2 78.2



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: 114.79 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

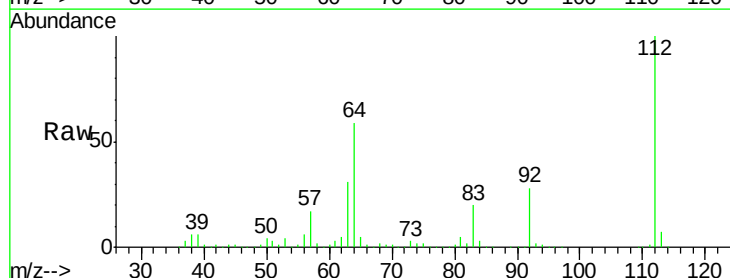
Tgt Ion:112 Resp: 940606

Ion Ratio Lower Upper

112 100

64 59.4 46.0 69.0

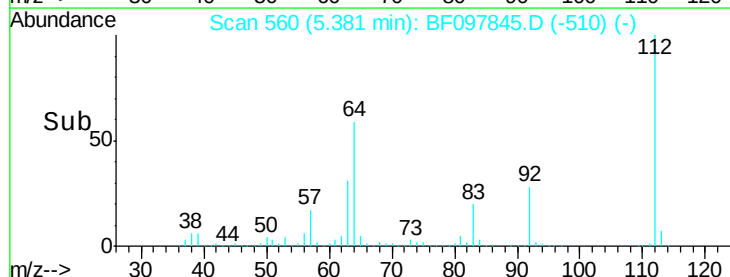
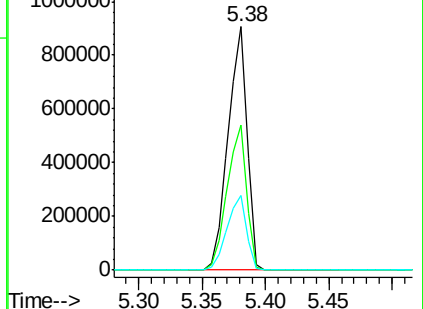
63 30.6 23.4 35.0

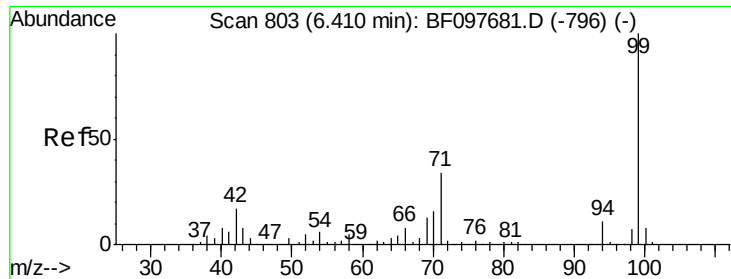


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.17 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EP-23

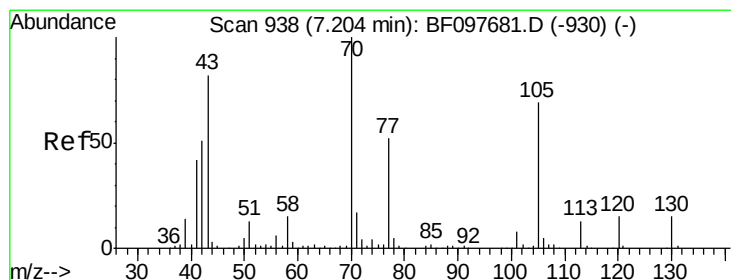
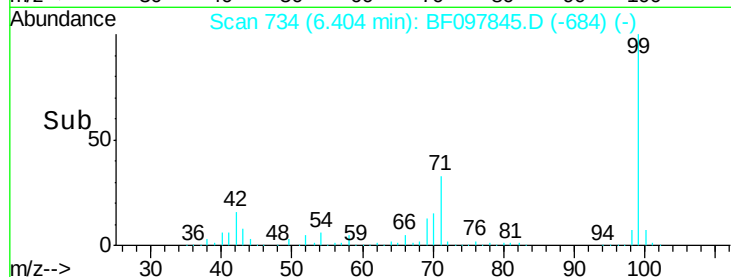
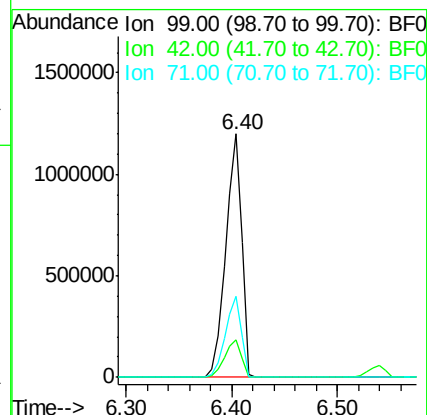
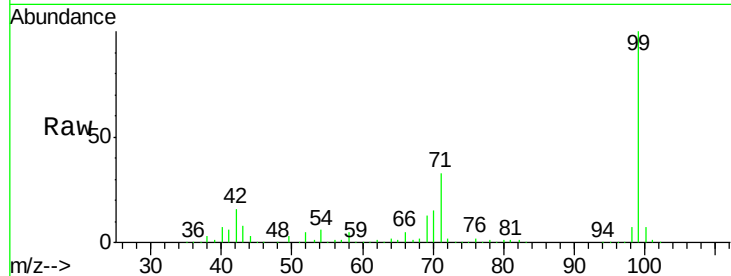
Tot Ion: 99 Resp: 1271105

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 33.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.09 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.13 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Tgt Ion: 70 Resp: 107348

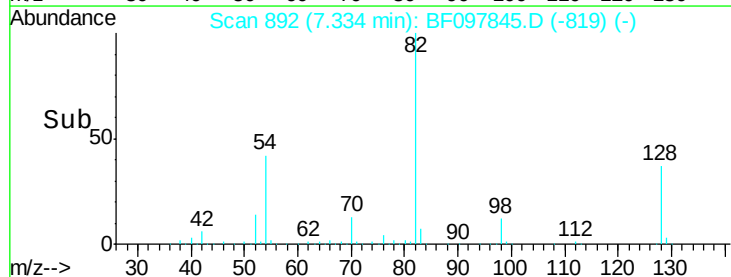
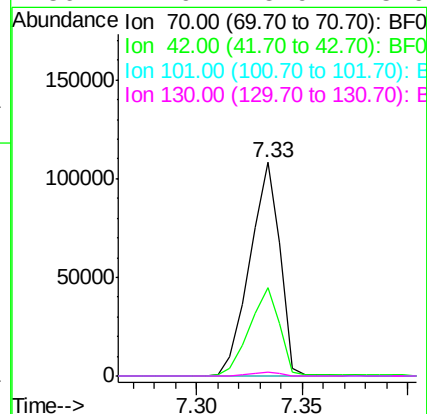
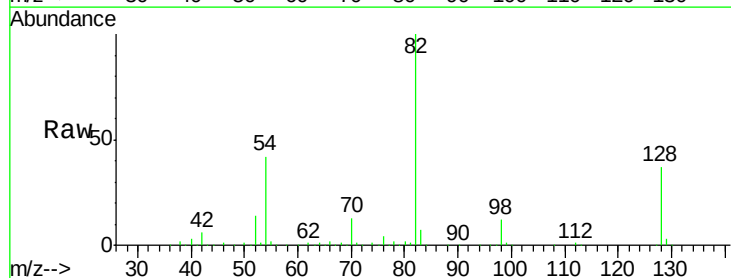
Ion Ratio Lower Upper

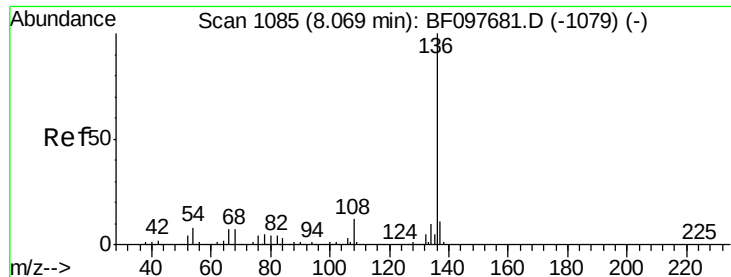
70 100

42 41.6 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

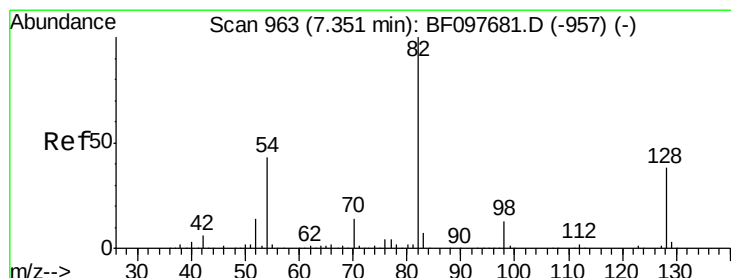
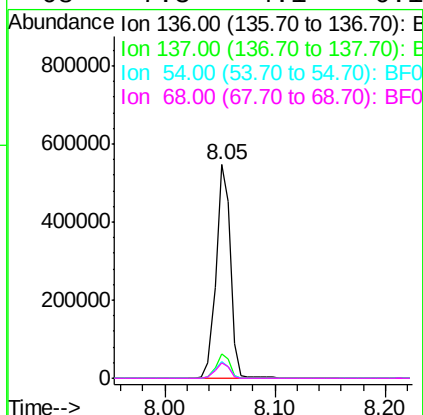
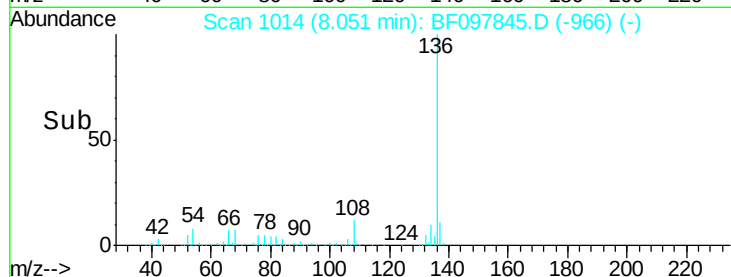
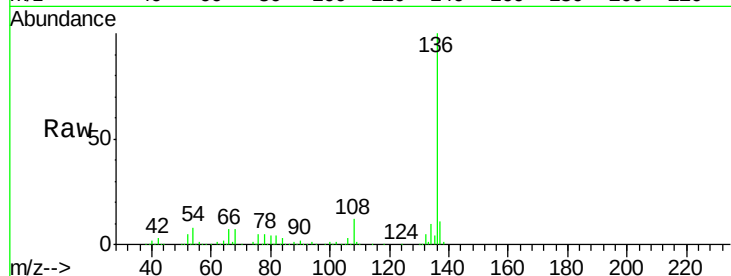




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

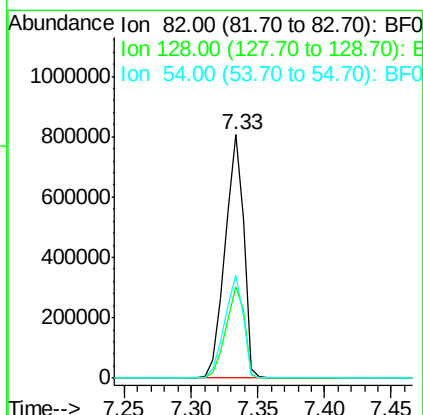
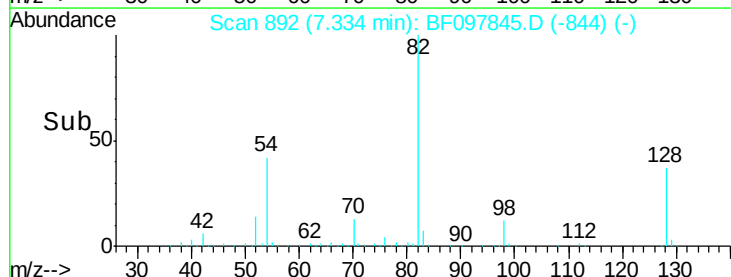
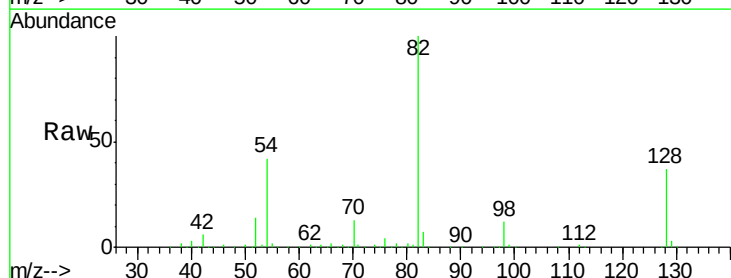
Instrument :
BNA_F
ClientSampleId :
EP-23

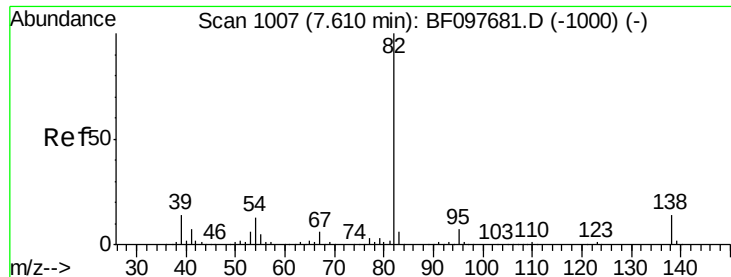
Tot Ion:136	Resp:	490487
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	8.0	4.9 7.3#
68	7.3	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 88.97 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

Tgt Ion: 82	Resp:	803258
Ion Ratio	Lower	Upper
82	100	
128	37.3	34.0 51.0
54	42.2	42.2 63.2

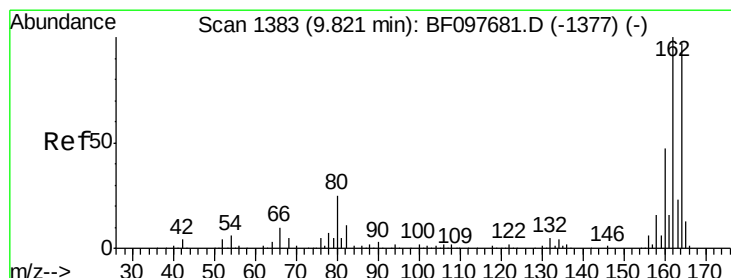
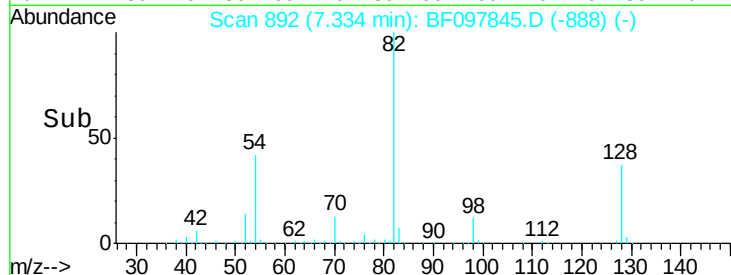
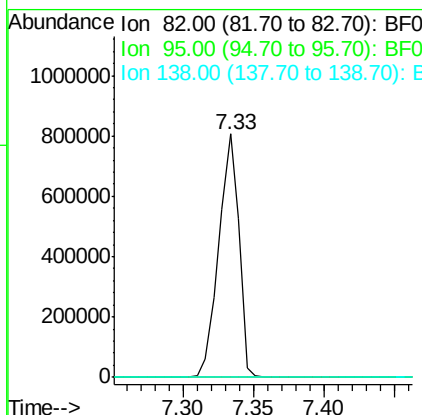
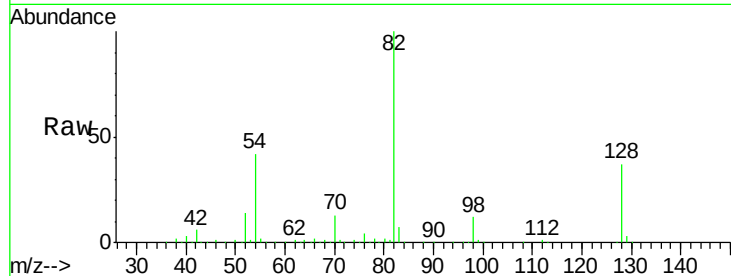




#25
Isophorone
Concen: 42.78 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.28 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

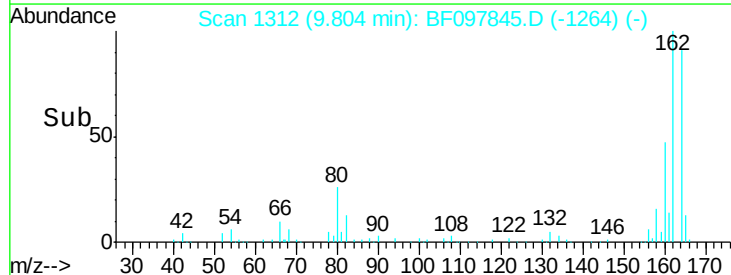
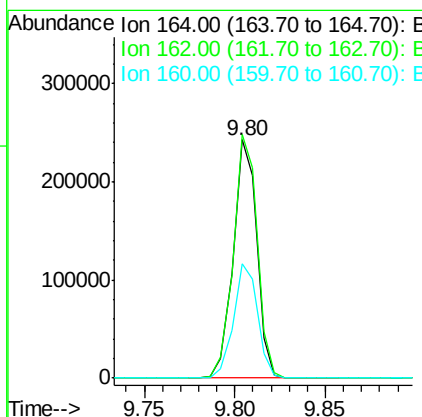
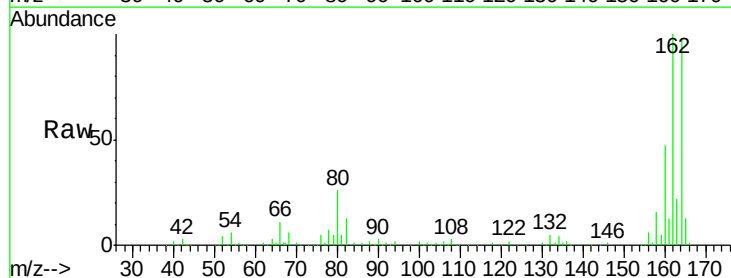
Instrument :
BNA_F
ClientSampleId :
EP-23

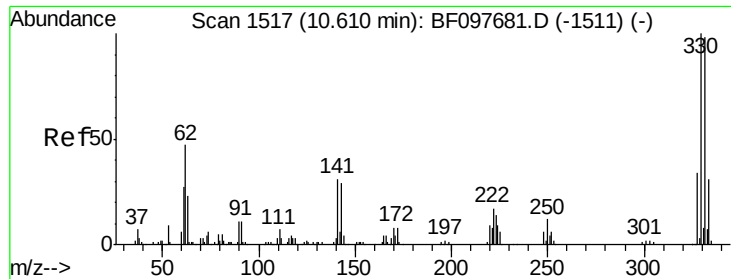
Tot Ion: 82 Resp: 803251
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

Tgt Ion: 164 Resp: 220198
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 48.1 36.2 54.2

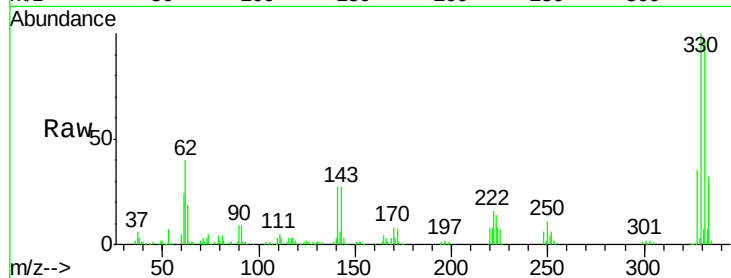




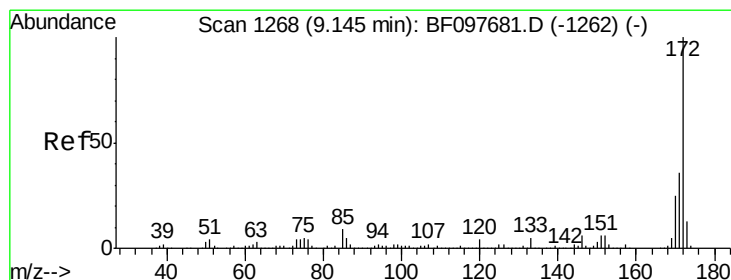
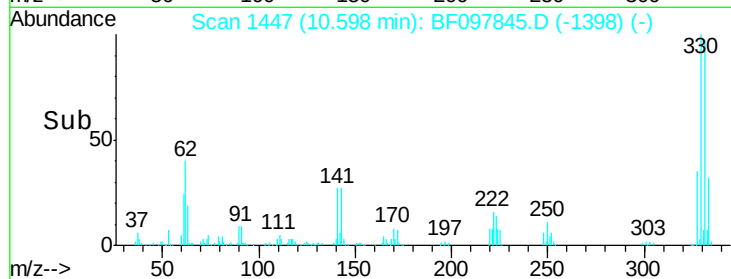
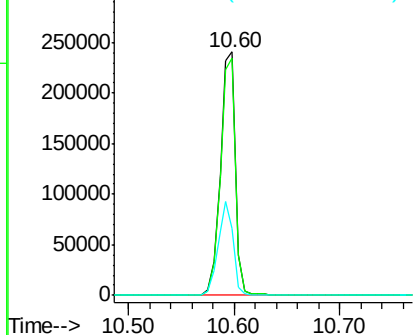
#41
 2,4,6-Tribromophenol
 Concen: 126.47 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097845.D
 Acq: 18 Aug 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 EP-23

Tot Ion:330 Resp: 241633
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.8 31.4 47.2

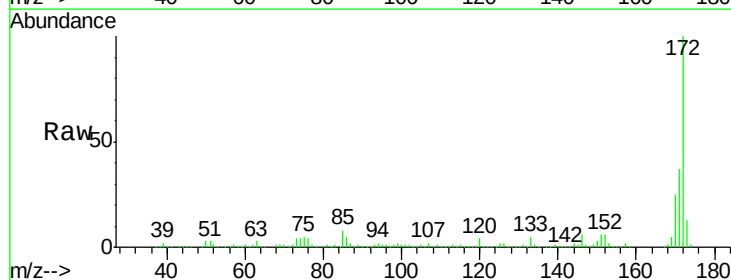


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

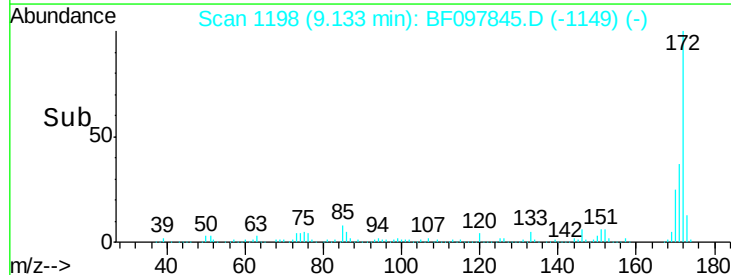
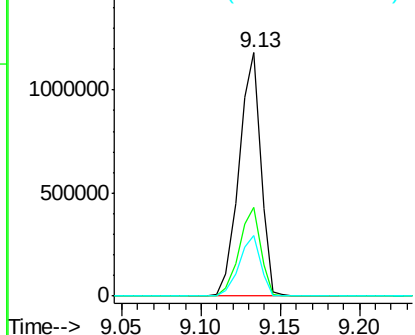


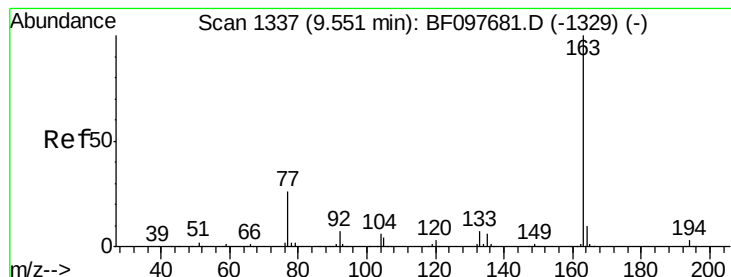
#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097845.D
 Acq: 18 Aug 2017 21:03

Tgt Ion:172 Resp: 1121912
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.8 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: 10.55 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Instrument :

BNA_F

ClientSampled :

EP-23

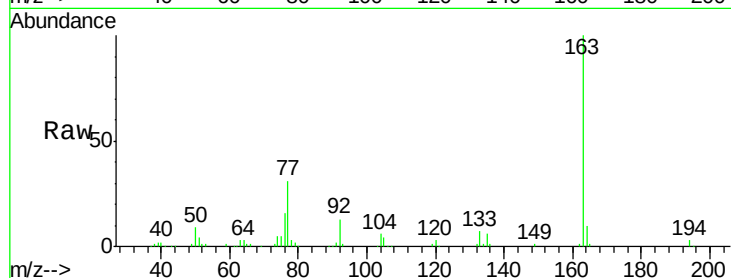
Tot Ion:163 Resp: 169883

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

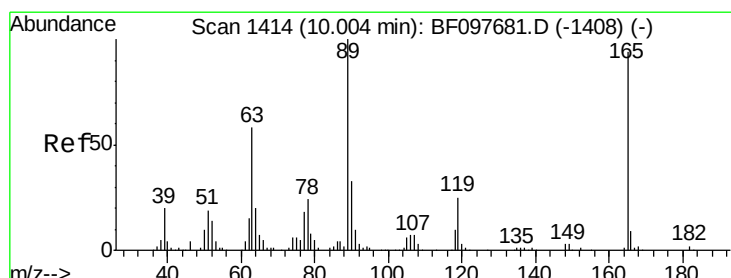
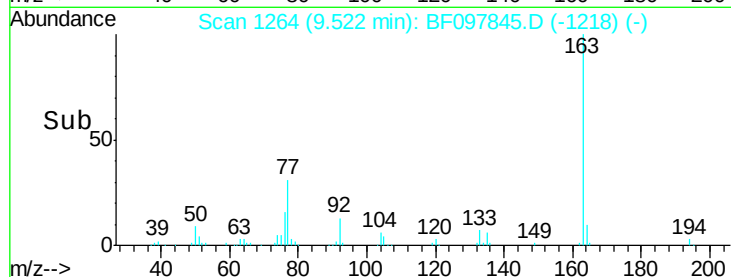
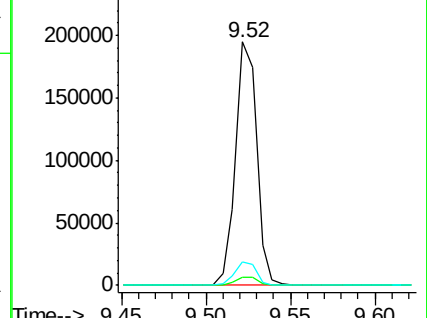
164 9.8 8.4 12.6



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: 7.17 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.20 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Tgt Ion:165 Resp: 28921

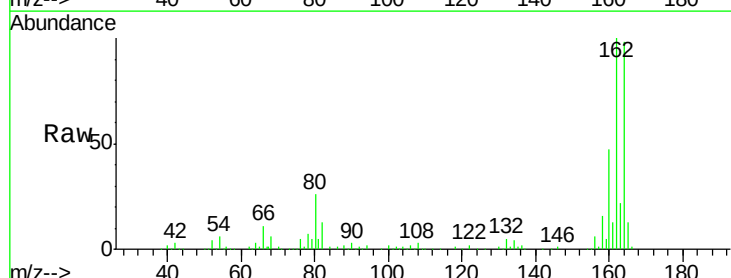
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

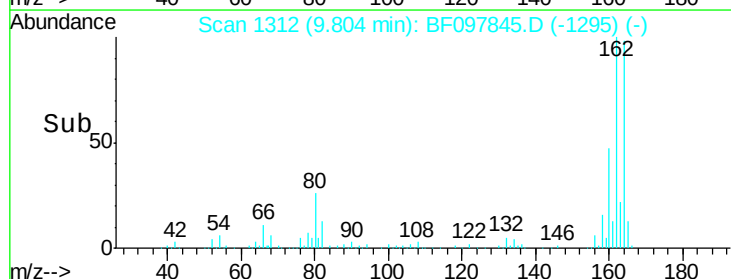
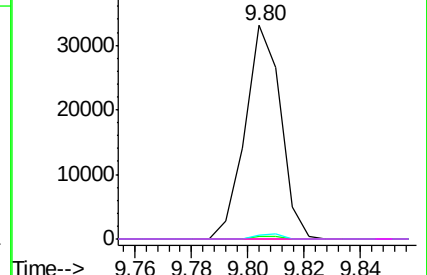


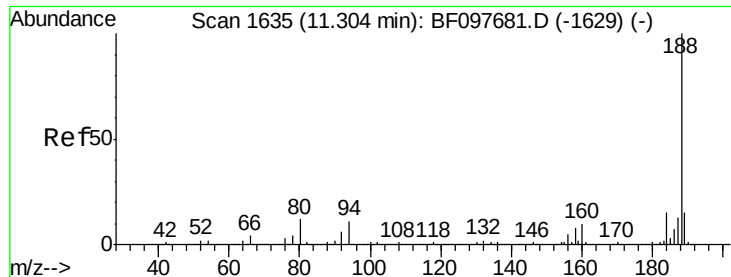
Abundance Ion 165.00 (164.70 to 165.70): E

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

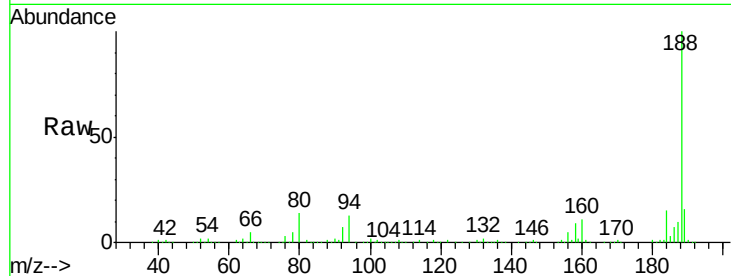




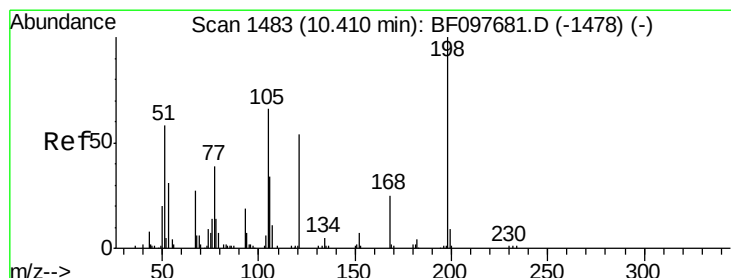
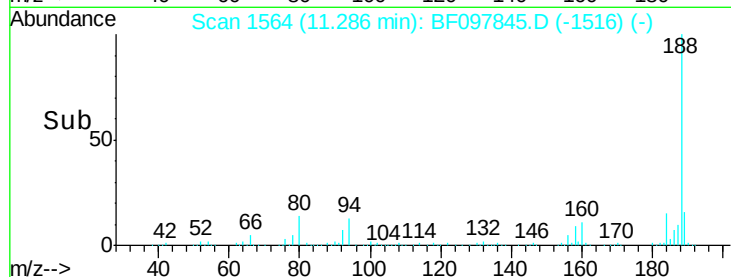
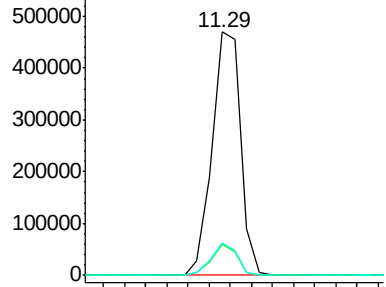
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

Instrument :
BNA_F
ClientSampleId :
EP-23

Tot Ion:188 Resp: 439469
Ion Ratio Lower Upper
188 100
94 12.9 9.4 14.2
80 13.5 10.2 15.2

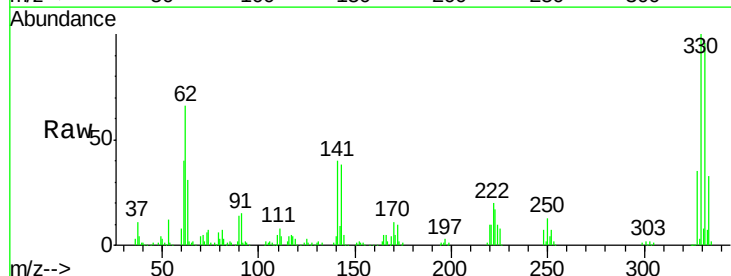


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

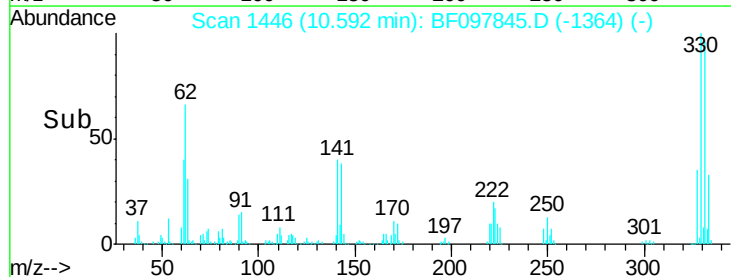
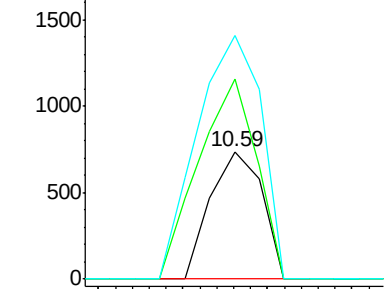


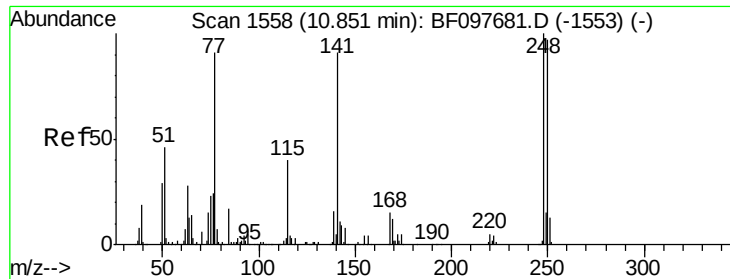
#64
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

Tgt Ion:198 Resp: 630
Ion Ratio Lower Upper
198 100
51 157.5 53.2 93.2#
105 190.9 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

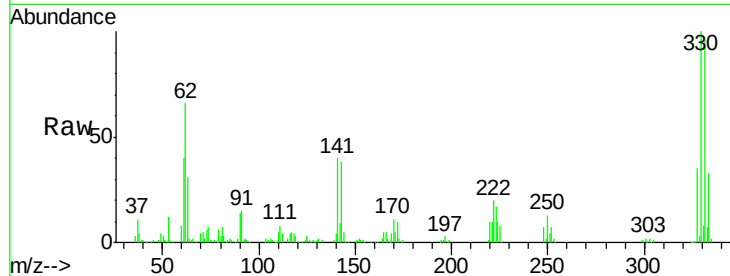




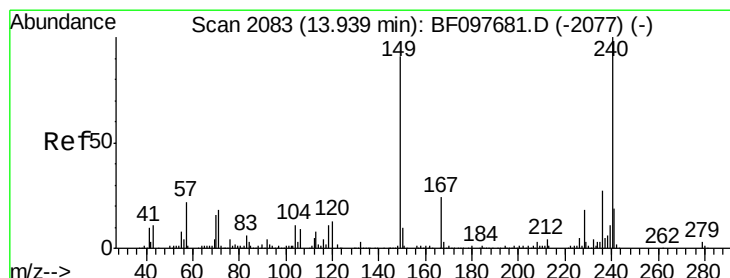
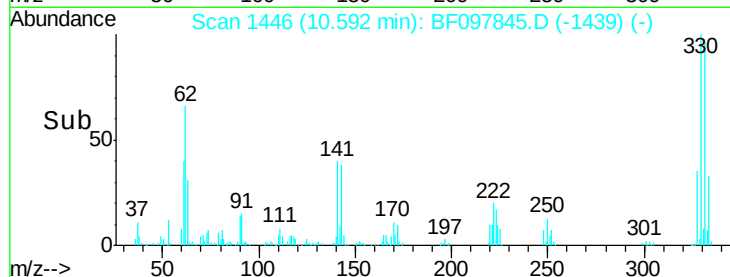
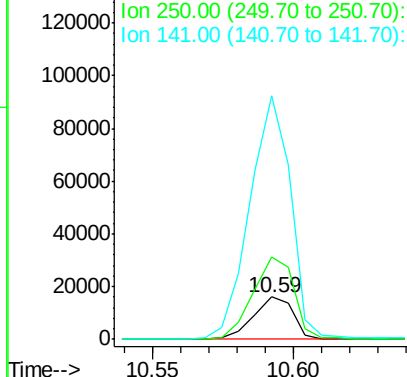
#66
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

Instrument :
BNA_F
ClientSampleId :
EP-23

Tot Ion:248 Resp: 15760
Ion Ratio Lower Upper
248 100
250 194.3 76.8 115.2#
141 574.2 68.6 103.0#

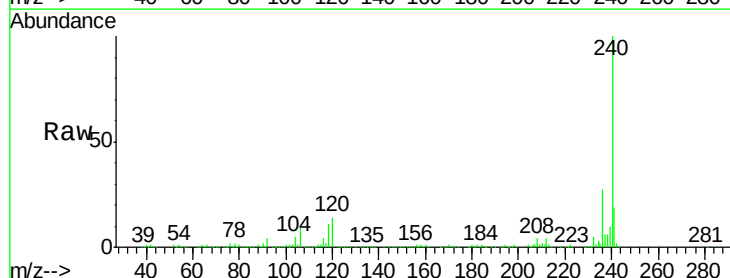


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

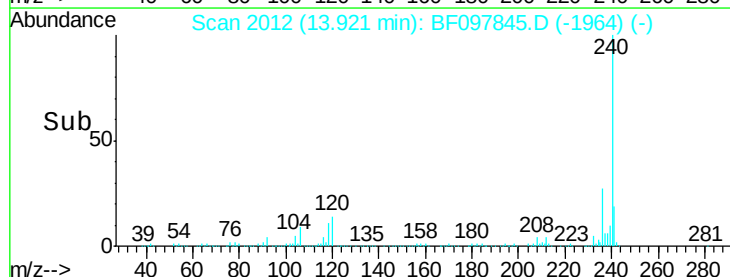
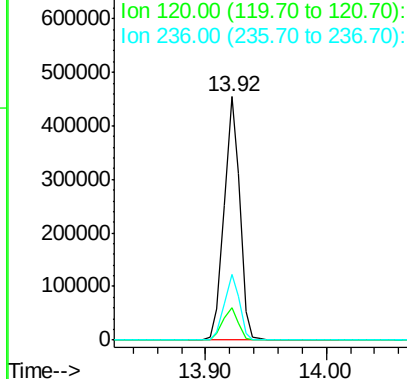


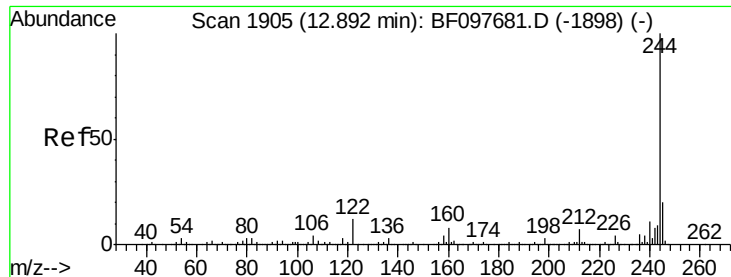
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097845.D
Acq: 18 Aug 2017 21:03

Tgt Ion:240 Resp: 406520
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: 54.30 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

Instrument :

BNA_F

ClientSampled :

EP-23

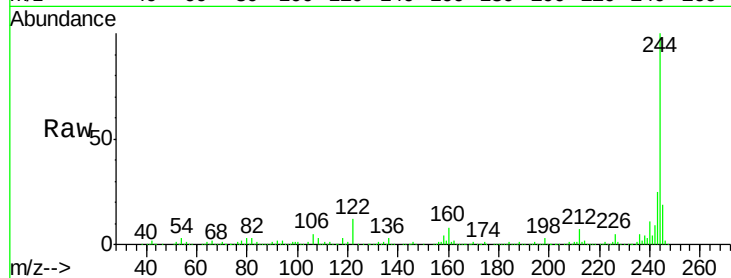
Tot Ion:244 Resp: 1058588

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

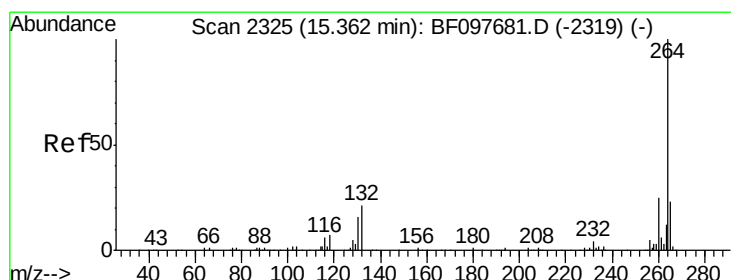
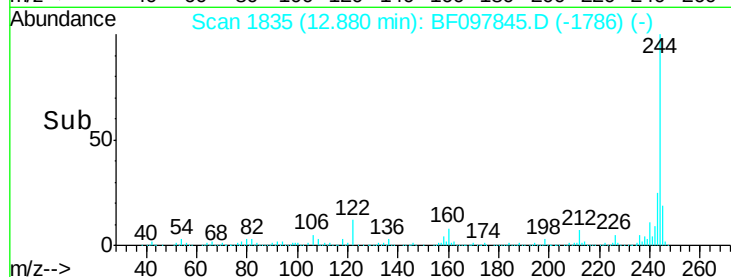
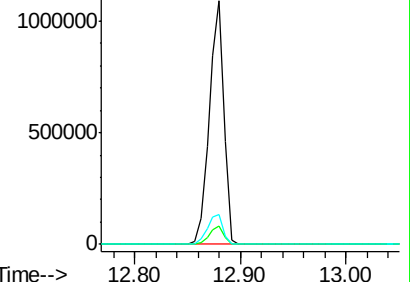
122 12.4 10.3 15.5



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: 15.35 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BF097845.D

Acq: 18 Aug 2017 21:03

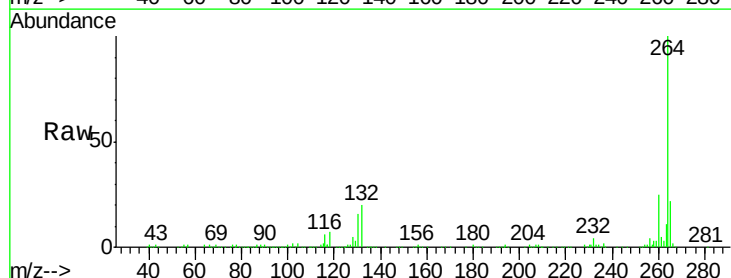
Tgt Ion:264 Resp: 331976

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.8 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

