

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097143.D
 Acq On : 28 Jul 2017 10:01
 Operator : SJ/JU
 Sample : I4444-04 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-B

Quant Time: Jul 28 13:19:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

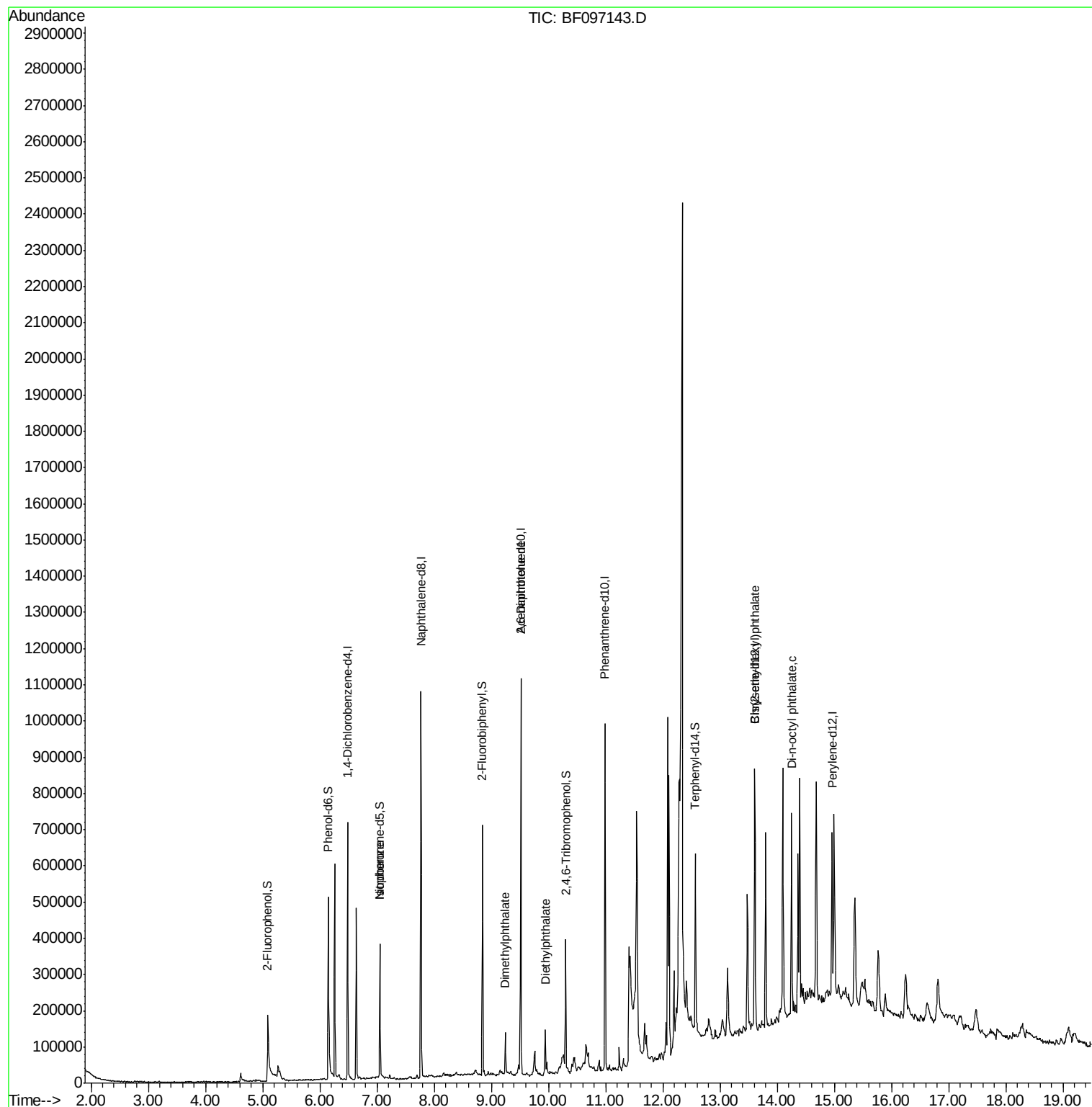
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	108134	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	452739	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	203464	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	329050	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	211018	20.00	ng	-0.02
86) Perylene-d12	14.96	264	188842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	108055	15.06	ng	-0.01
7) Phenol-d6	6.15	99	190708	23.29	ng	-0.02
23) Nitrobenzene-d5	7.05	82	106634	13.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	34726	21.60	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	192825	16.08	ng	-0.02
78) Terphenyl-d14	12.57	244	133336	12.88	ng	-0.02
Target Compounds						
25) Isophorone	7.05	82	106003	7.014	ng	# 67
49) Dimethylphthalate	9.25	163	37317	2.415	ng	# 98
50) 2,6-Dinitrotoluene	9.52	165	25549	7.796	ng	# 34
59) Diethylphthalate	9.95	149	45110	3.182	ng	# 98
83) Bis(2-ethylhexyl)phthalate	13.60	149	27471	2.394	ng	# 100
84) Di-n-octyl phthalate	14.25	149	50487	2.398	ng	# 26

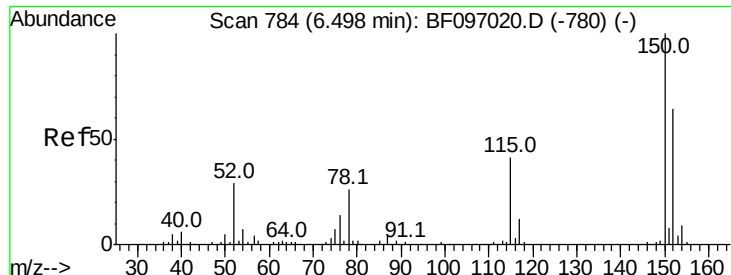
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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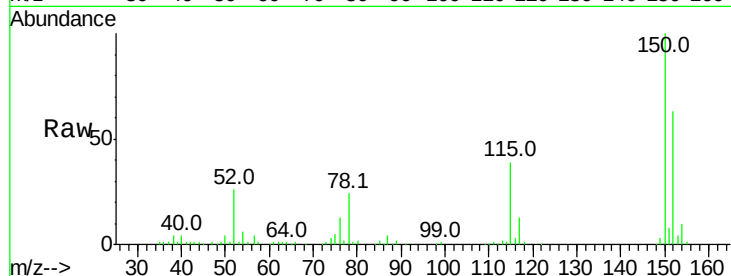


#1

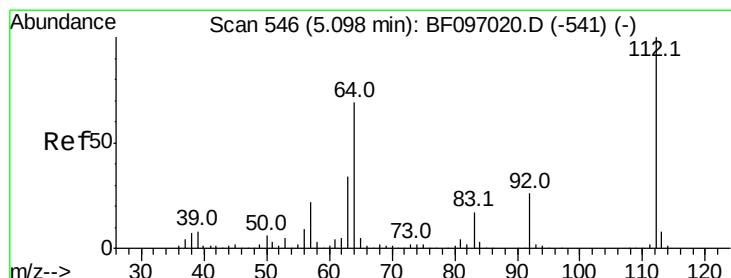
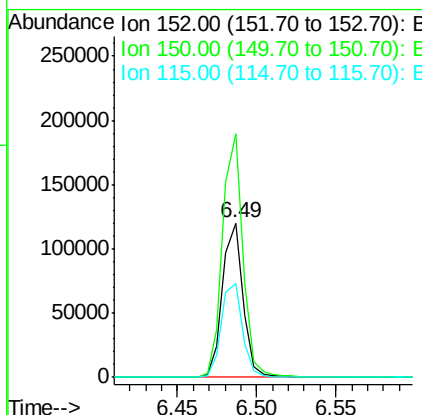
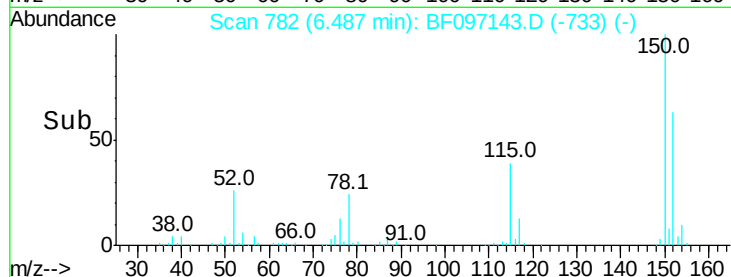
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-B

Tot Ion:152 Resp: 108134
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 61.1 52.2 78.2



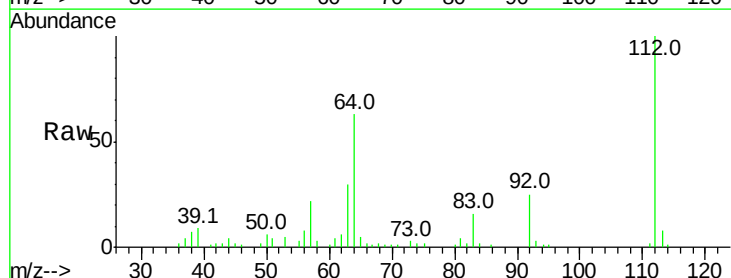
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



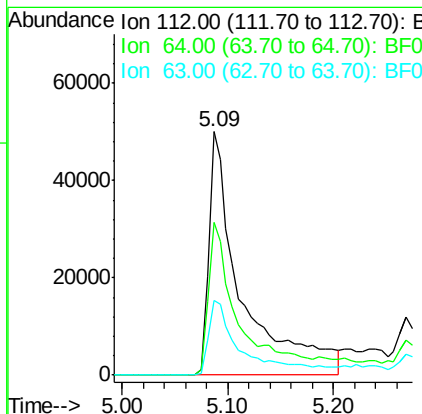
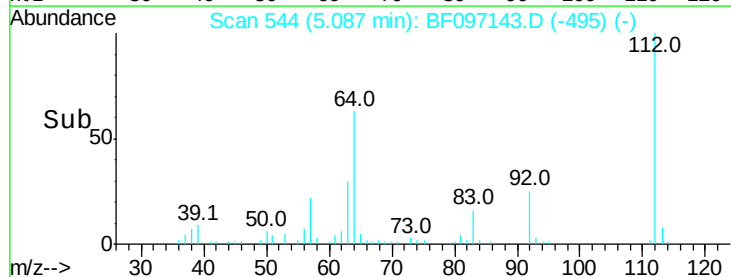
#5

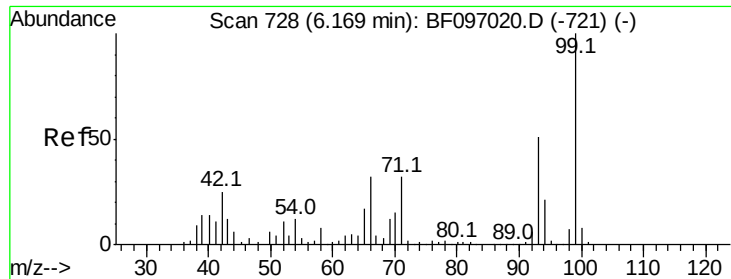
2-Fluorophenol
Concen: 15.064 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Tgt Ion:112 Resp: 108055
Ion Ratio Lower Upper
112 100
64 62.8 46.0 69.0
63 30.4 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: 23.288 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-B

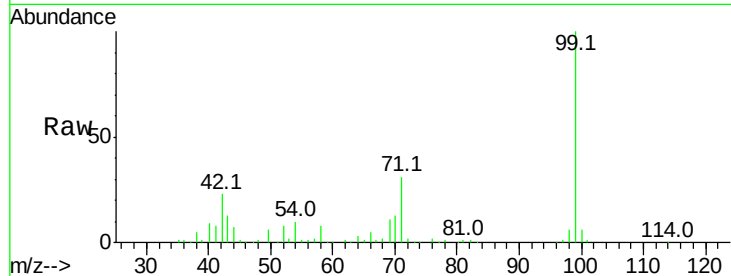
Tot Ion: 99 Resp: 190708

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

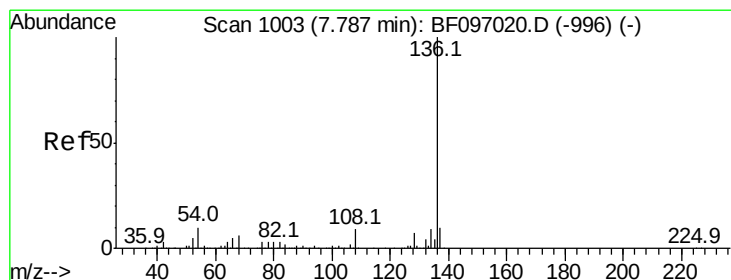
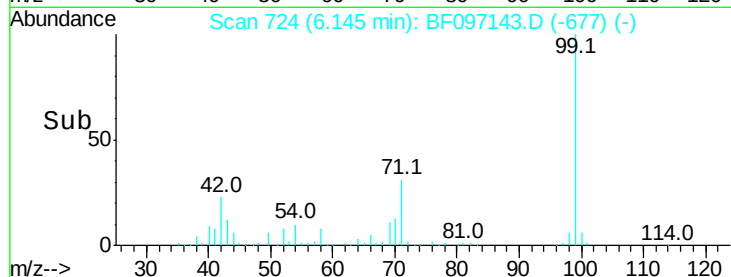
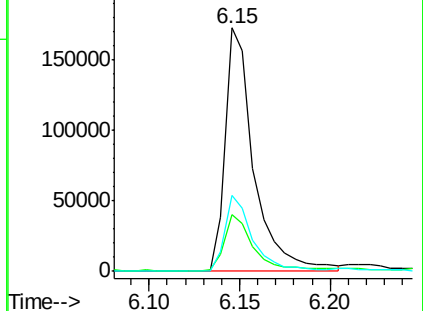
71 31.0 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

Tgt Ion: 136 Resp: 452739

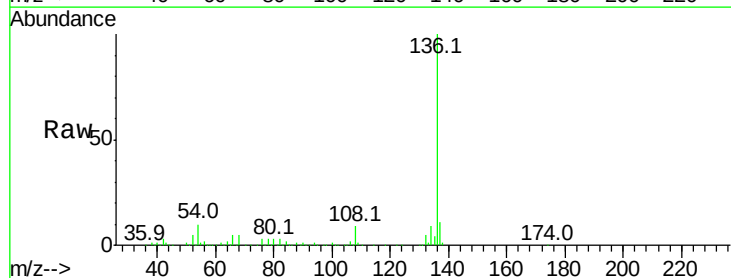
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.5 4.9 7.3#

68 5.1 4.1 6.1

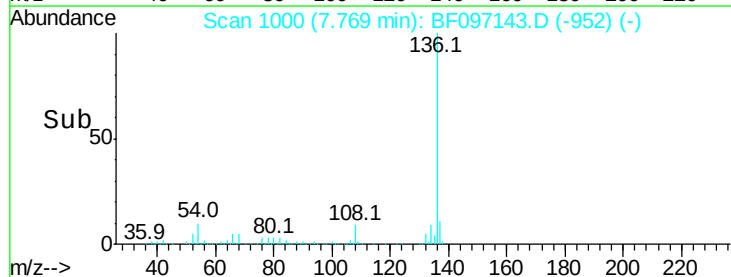
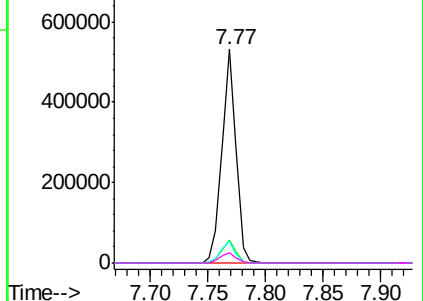


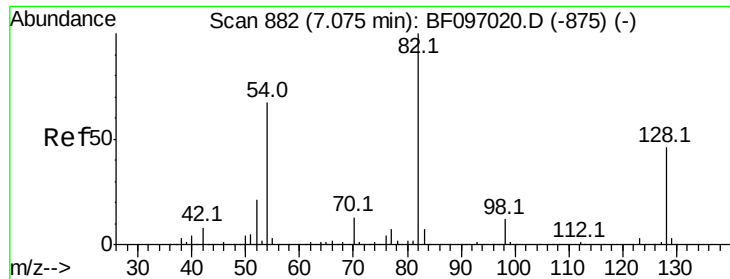
Abundance Ion 136.00 (135.70 to 136.70): E

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

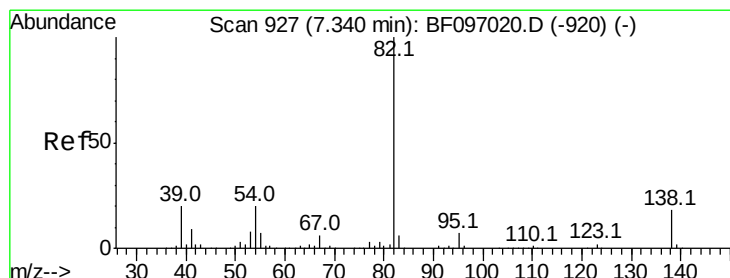
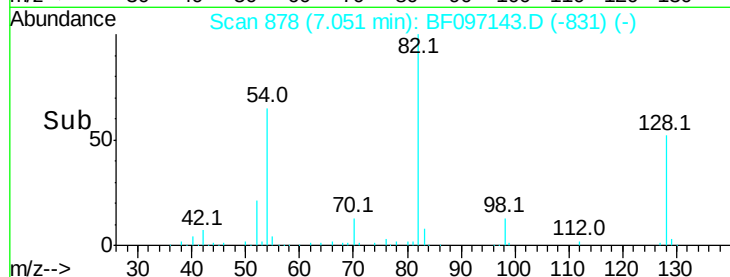
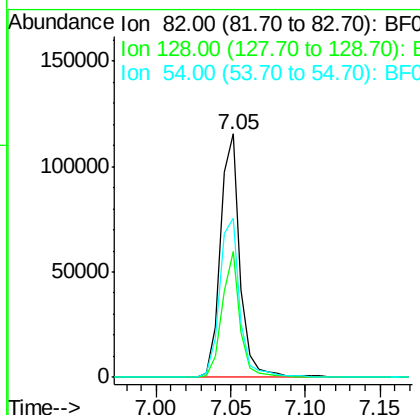
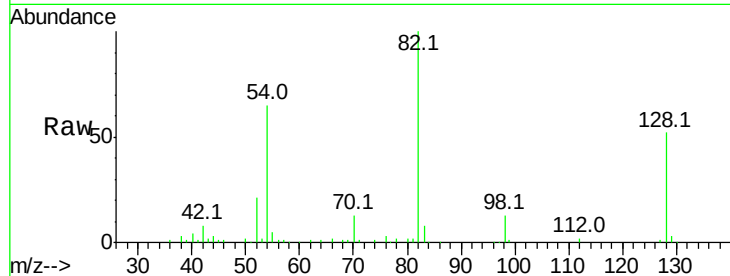




#23
Nitrobenzene-d5
Concen: 13.817 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

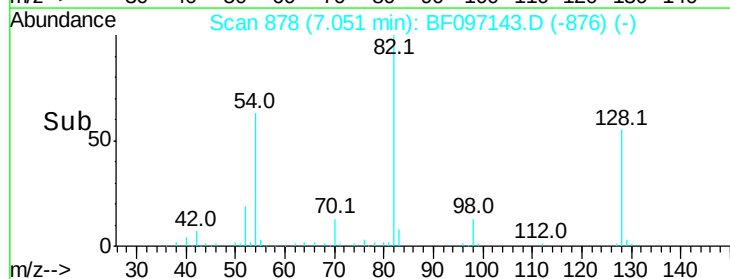
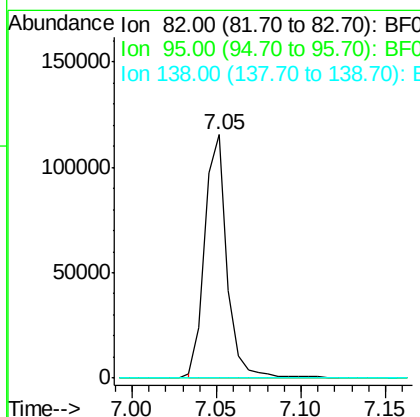
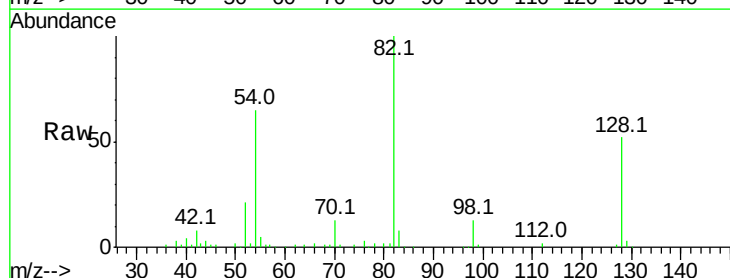
Instrument :
BNA_F
ClientSampleId :
EO-02-072517-B

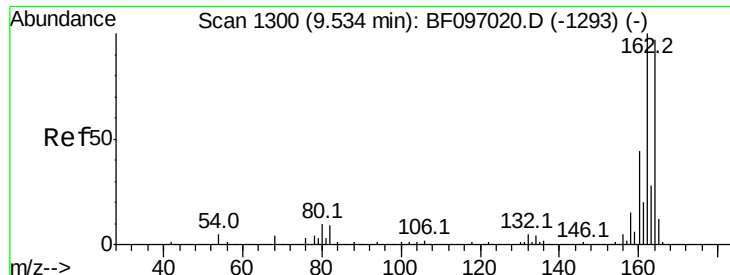
Tot Ion: 82 Resp: 106634
Ion Ratio Lower Upper
82 100
128 51.6 34.0 51.0#
54 65.2 42.2 63.2#



#25
Isophorone
Concen: 7.014 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Tgt Ion: 82 Resp: 106003
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-B

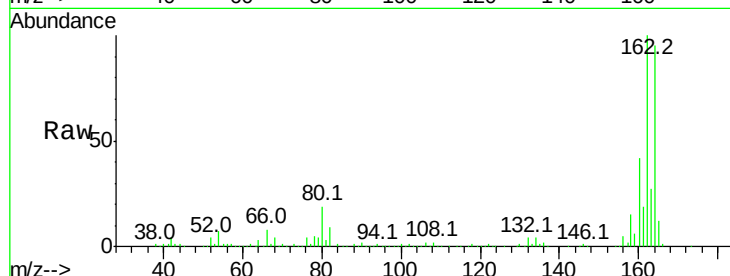
Tot Ion:164 Resp: 203464

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

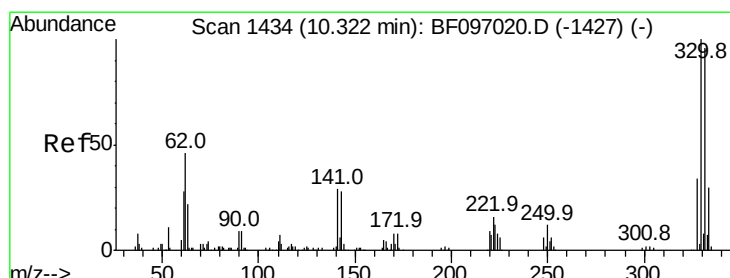
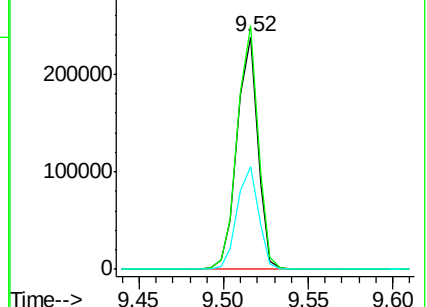
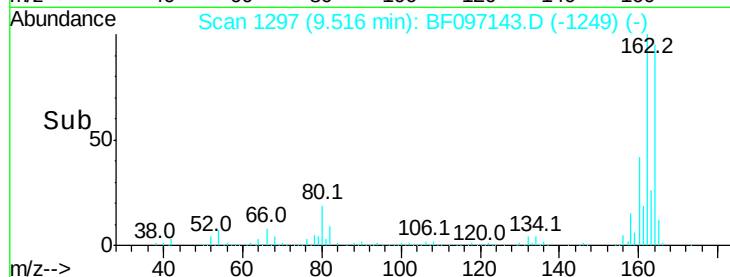
160 44.0 36.2 54.2



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: 21.602 ng

RT: 10.30 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

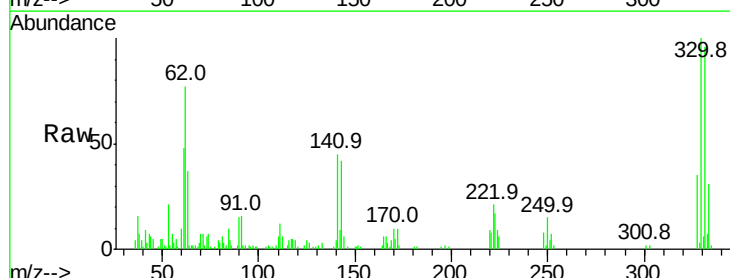
Tgt Ion:330 Resp: 34726

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

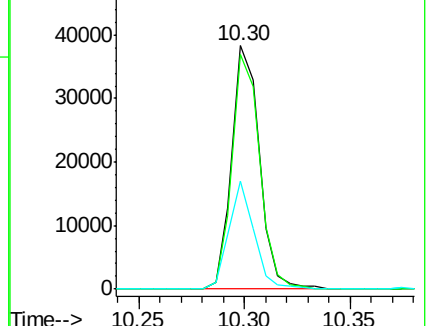
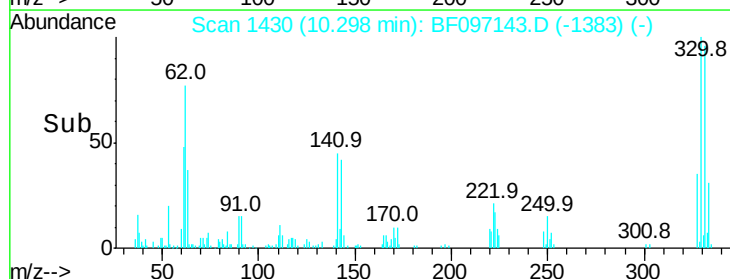
141 40.4 31.4 47.2

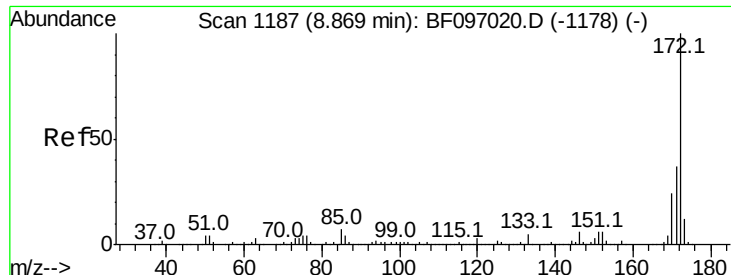


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

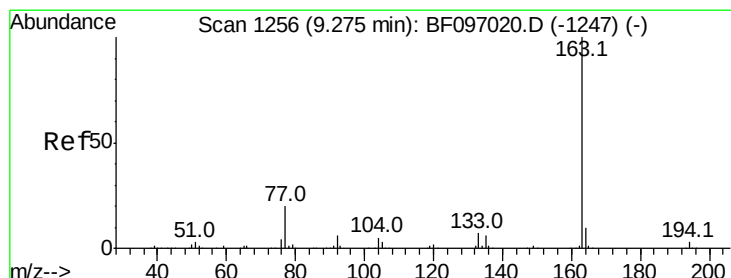
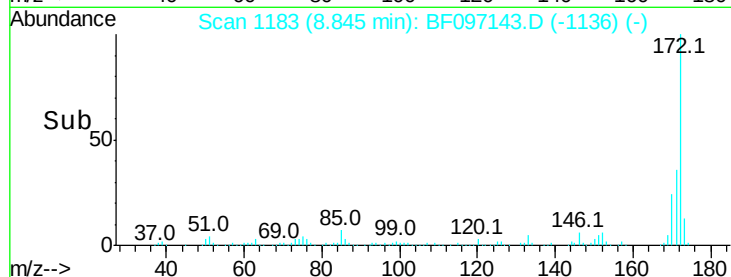
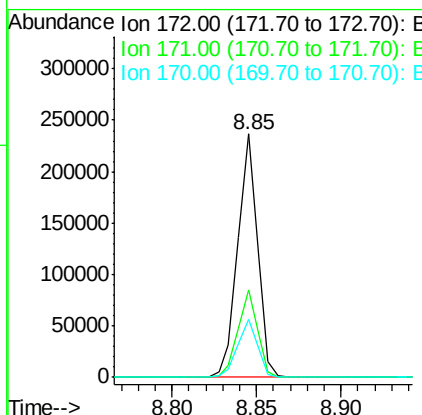
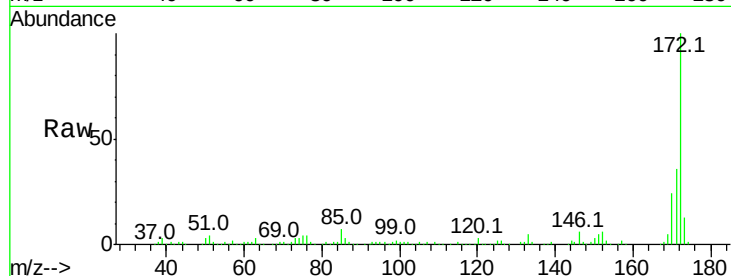




#44
 2-Fluorobiphenyl
 Concen: 16.084 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

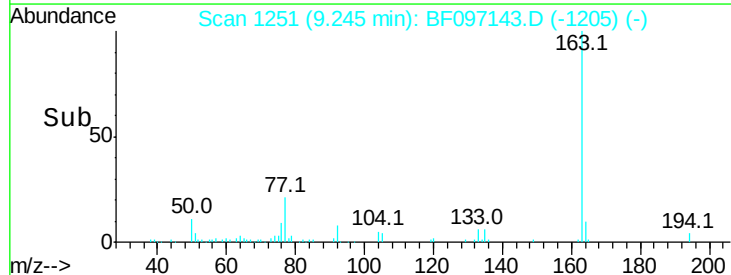
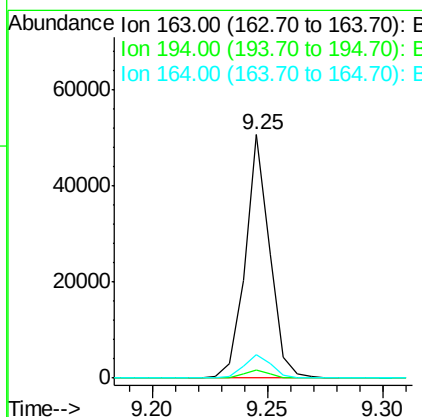
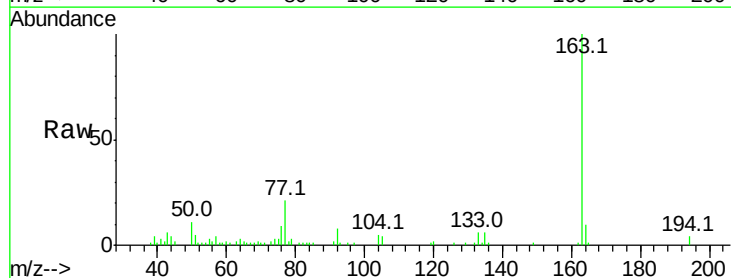
Instrument :
 BNA_F
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 EO-02-072517-B

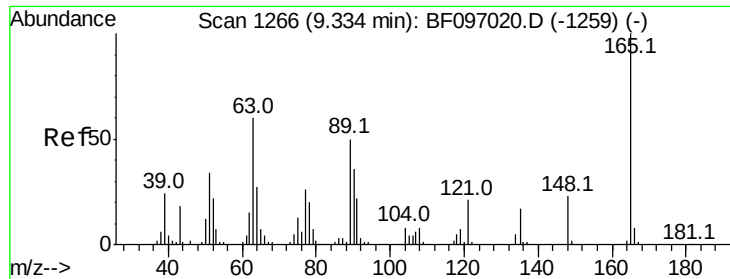
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8



#49
 Dimethylphthalate
 Concen: 2.415 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.6	8.4	12.6

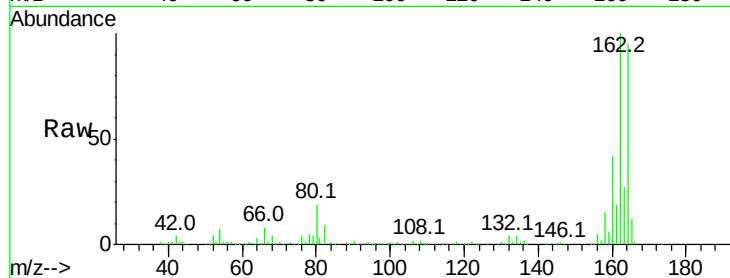




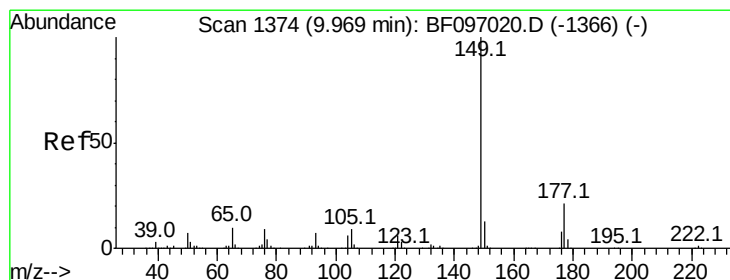
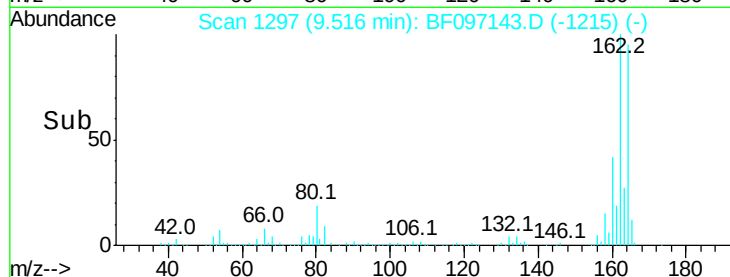
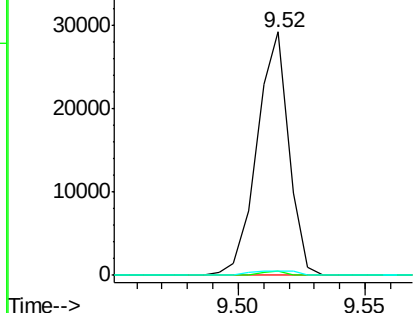
#50
2,6-Dinitrotoluene
Concen: 7.796 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.18 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-B

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.7	37.1	55.7#

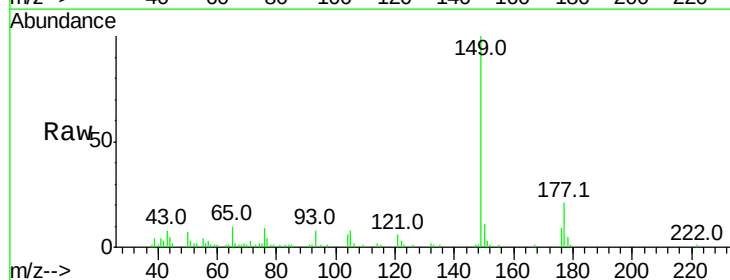


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

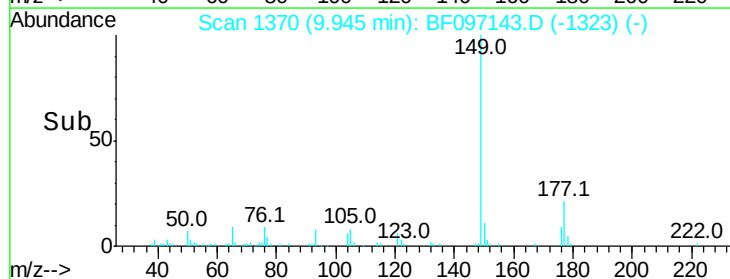
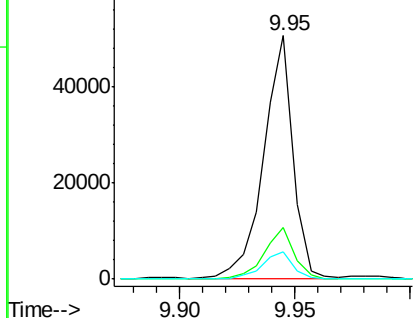


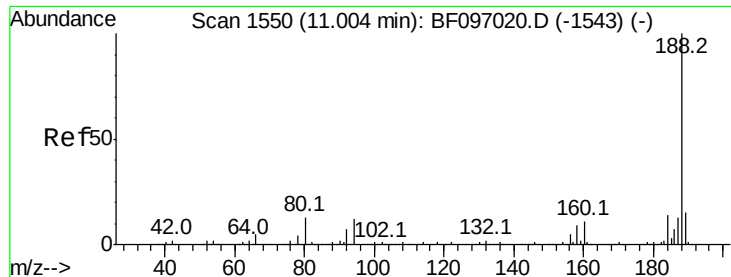
#59
Diethylphthalate
Concen: 3.182 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	11.1	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

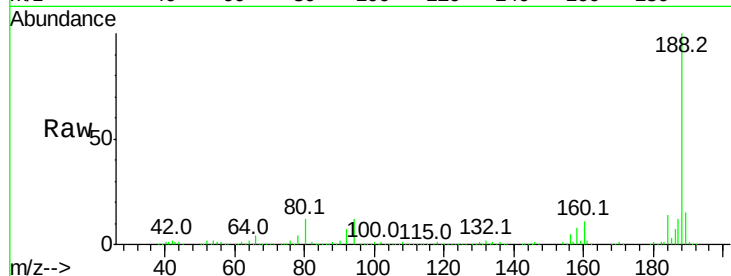




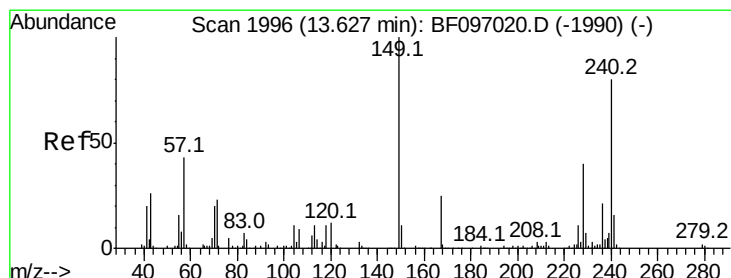
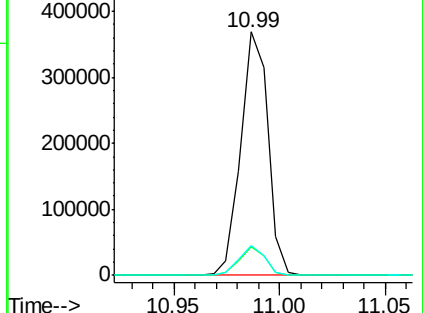
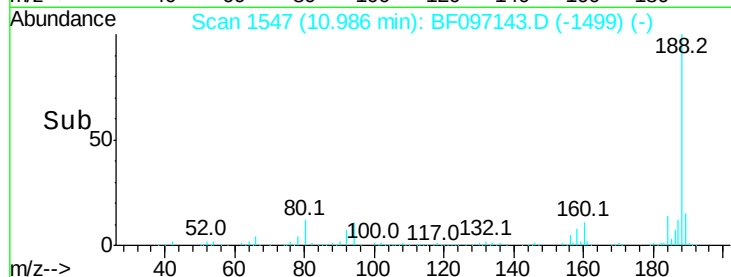
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.4	10.2	15.2

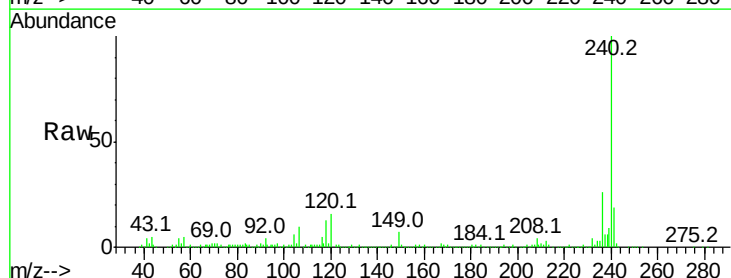


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

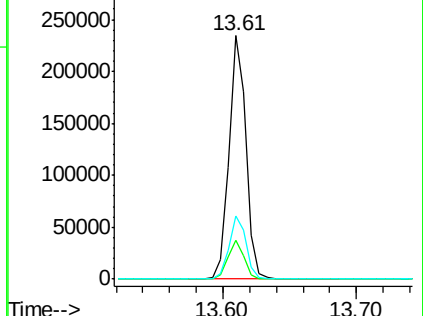
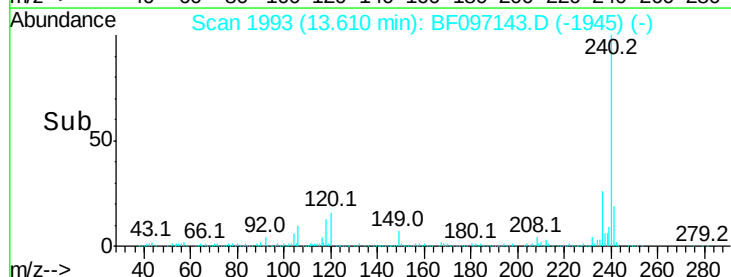


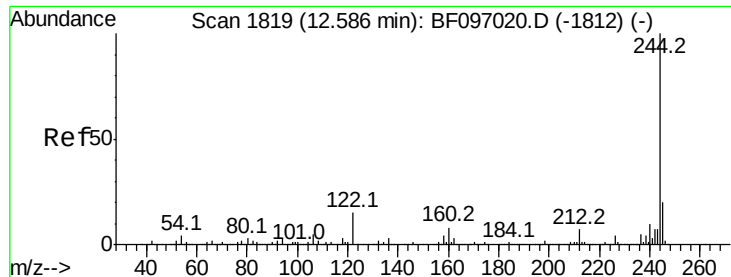
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	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: 12.883 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-B

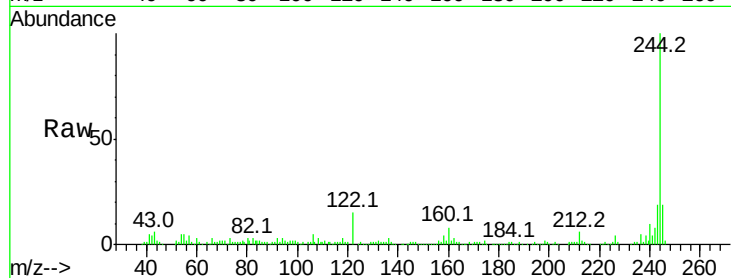
Tot Ion:244 Resp: 133336

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

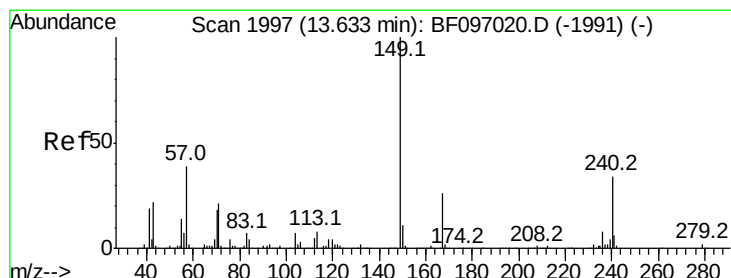
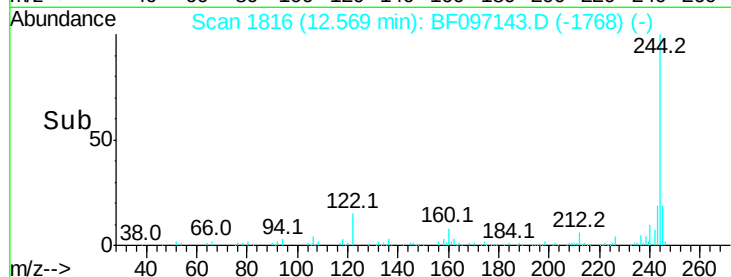
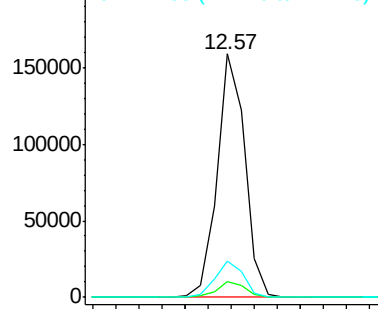
122 14.9 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.394 ng

RT: 13.60 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

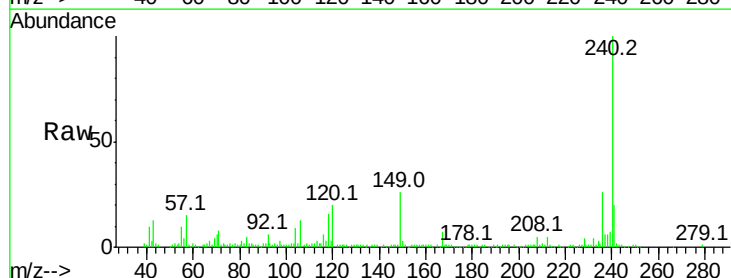
Tgt Ion:149 Resp: 27471

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

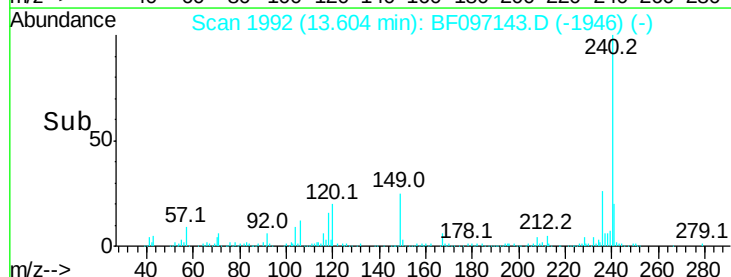
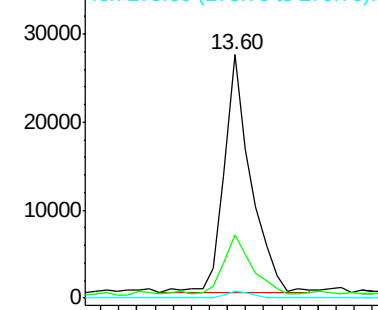
279 2.9 1.9 2.9#

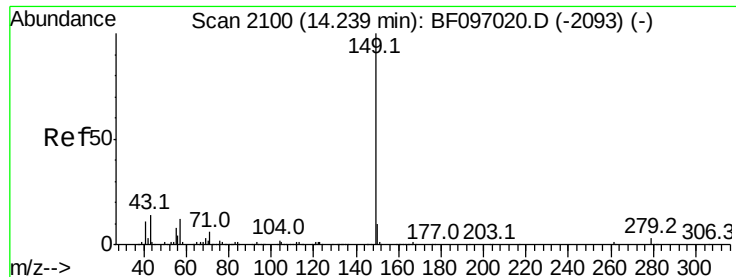


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

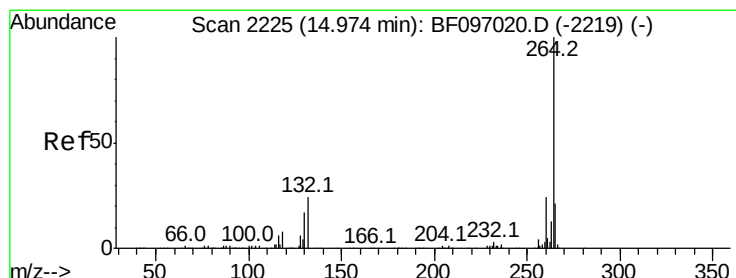
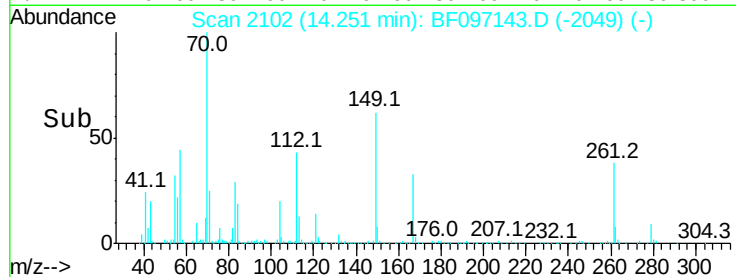
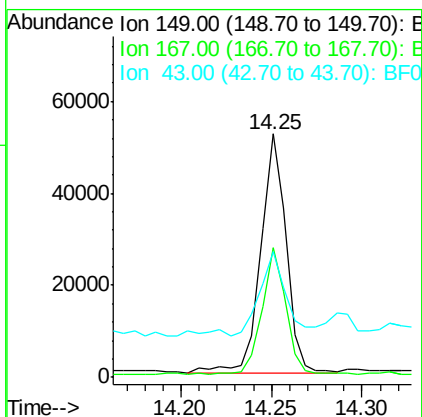
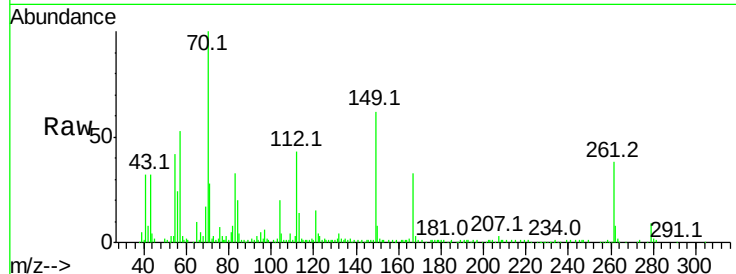




#84
Di-n-octyl phthalate
Concen: 2.398 ng
RT: 14.25 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-B

Tot Ion:149 Resp: 50487
Ion Ratio Lower Upper
149 100
167 50.1 1.2 1.8#
43 35.6 8.5 12.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Tgt Ion:264 Resp: 188842
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 22.5 17.2 25.8

