

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086137.D
 Acq On : 7 Apr 2016 18:38
 Operator : UM/SJ
 Sample : H2345-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP003

Quant Time: Apr 08 01:41:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

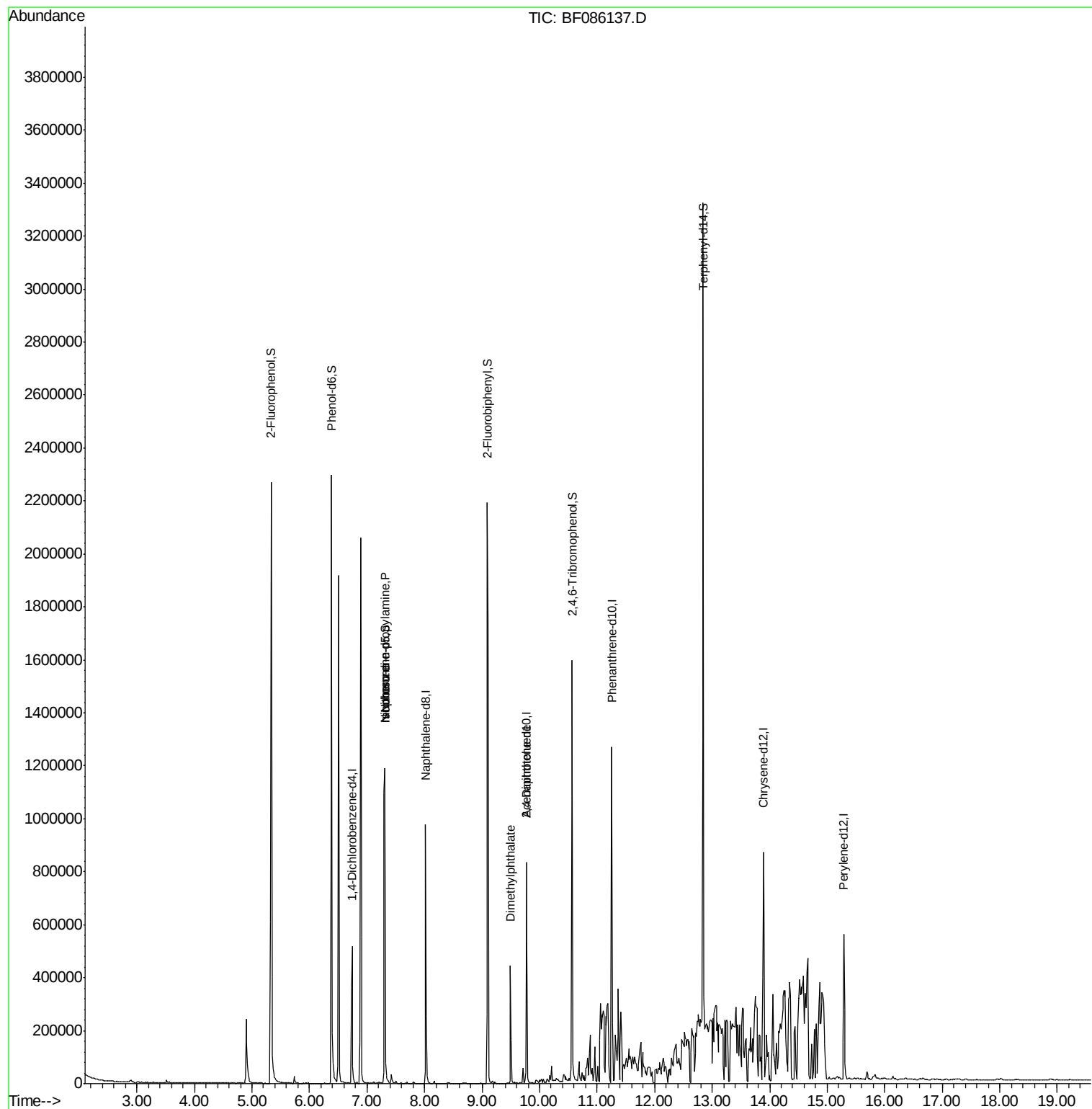
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	109240	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	456934	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	207749	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	408965	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	333565	20.00	ng	-0.03
86) Perylene-d12	15.29	264	232712	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	744504	116.49	ng	-0.03
7) Phenol-d6	6.38	99	1002002	123.43	ng	-0.03
23) Nitrobenzene-d5	7.31	82	614078	79.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	281029	144.12	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	1004510	80.39	ng	-0.05
78) Terphenyl-d14	12.84	244	1000095	70.48	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	77927	15.49	ng	# 73
25) Isophorone	7.31	82	605130	39.56	ng	# 68
49) Dimethylphthalate	9.49	163	192104	12.48	ng	99
56) 2,4-Dinitrotoluene	9.77	165	26105	6.34	ng	# 36

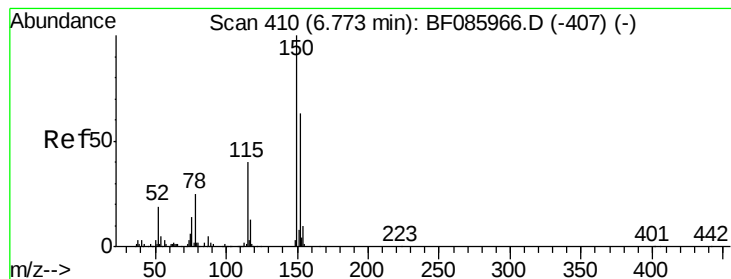
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

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BNA_F

ClientSampleId :

EP003

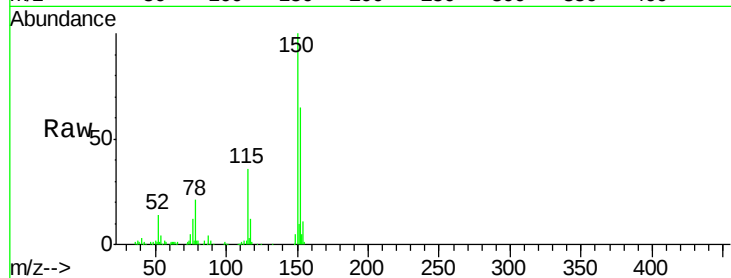
Tgt Ion:152 Resp: 109240

Ion Ratio Lower Upper

152 100

150 153.9 124.2 186.2

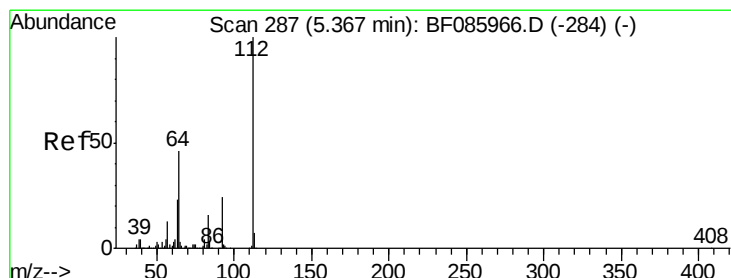
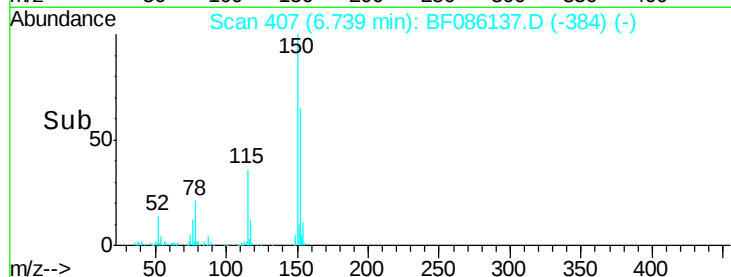
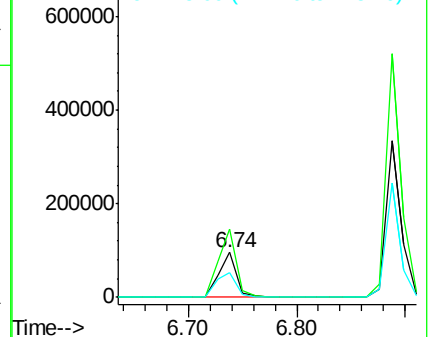
115 55.7 47.0 70.6



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: 116.49 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

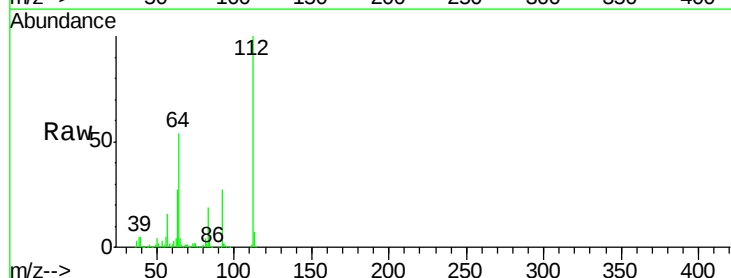
Tgt Ion:112 Resp: 744504

Ion Ratio Lower Upper

112 100

64 53.8 39.9 59.9

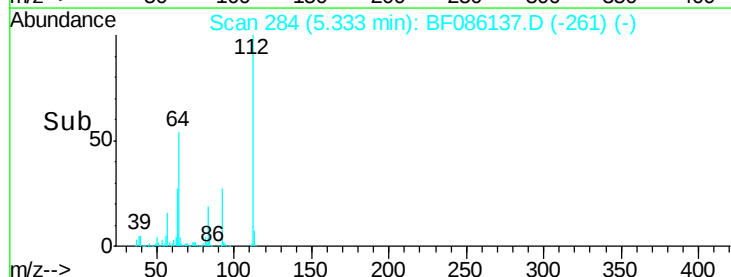
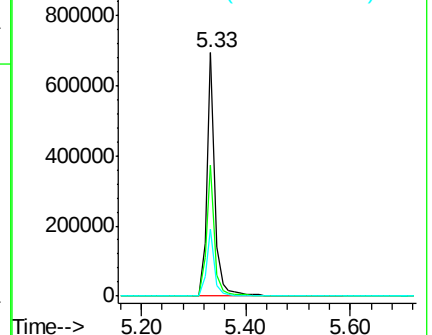
63 27.3 20.2 30.2

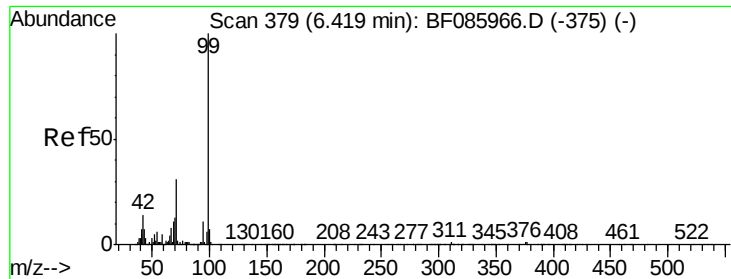


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.43 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

Instrument :

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ClientSampleId :

EP003

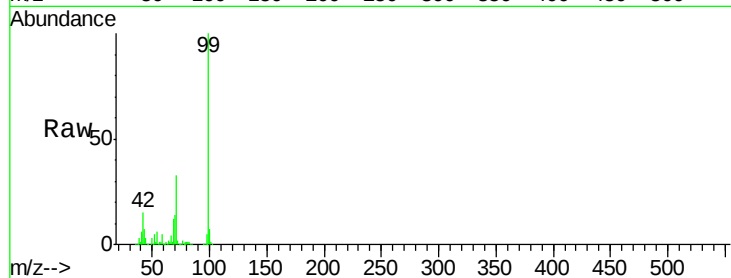
Tgt Ion: 99 Resp: 1002002

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

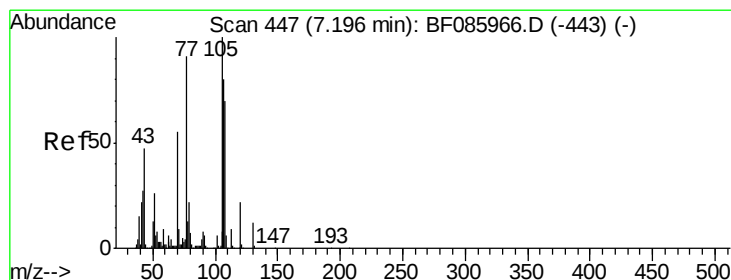
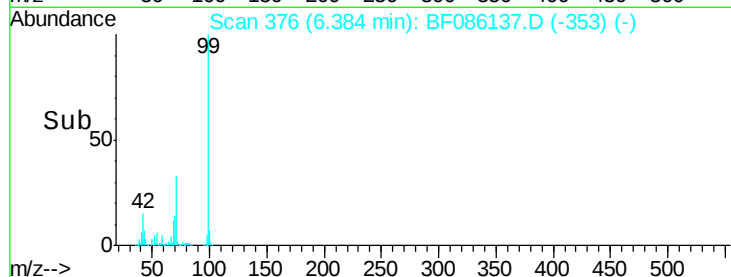
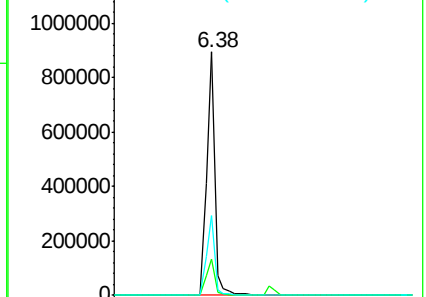
71 32.9 24.9 37.3



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: 15.49 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.11 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

Tgt Ion: 70 Resp: 77927

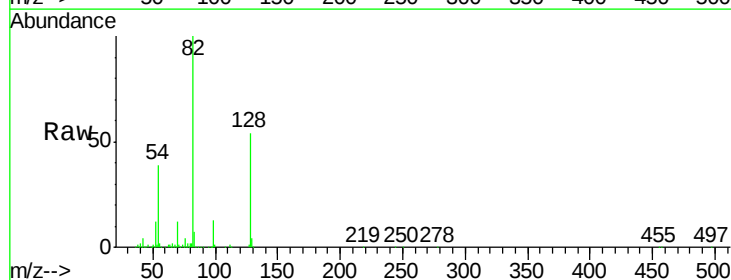
Ion Ratio Lower Upper

70 100

42 34.9 37.1 55.7#

101 0.0 8.6 12.8#

130 2.9 19.6 29.4#

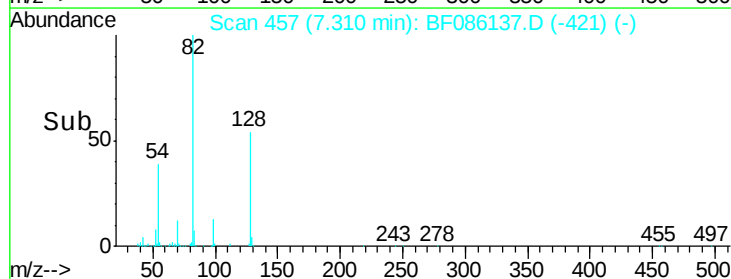
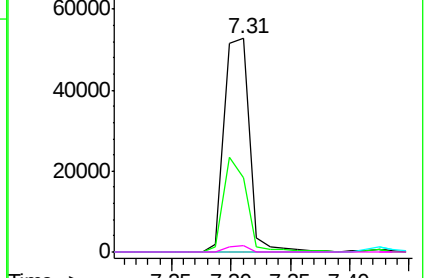


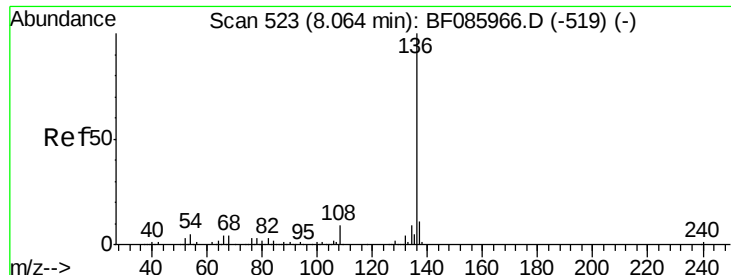
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

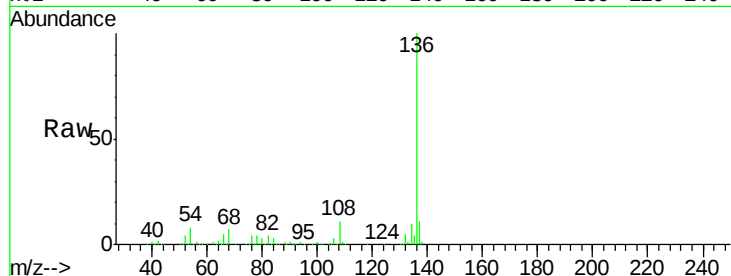




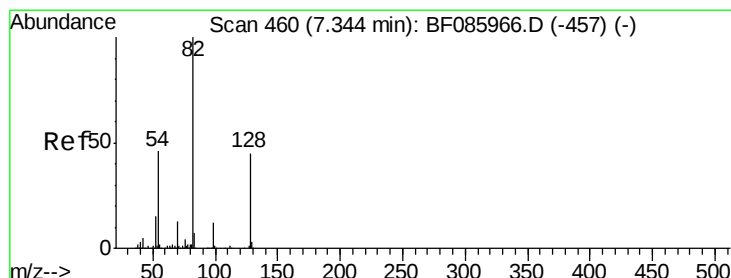
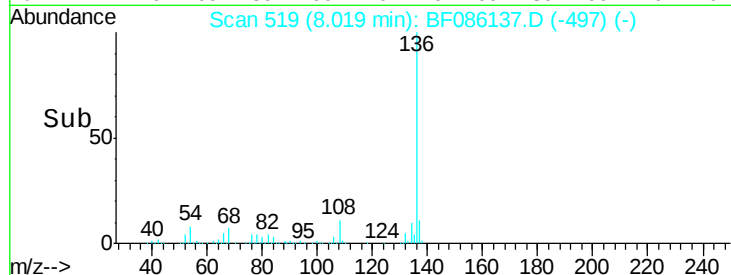
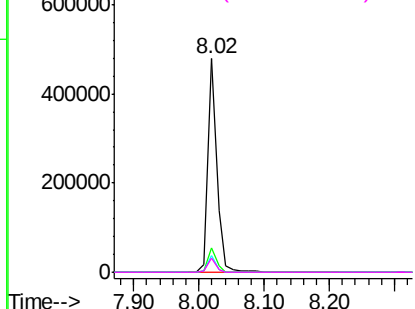
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086137.D
Acq: 7 Apr 2016 18:38

Instrument :
BNA_F
ClientSampleId :
EP003

Tgt Ion:	136	Resp:	456934
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.7	7.4	11.0
68	6.5	5.8	8.8

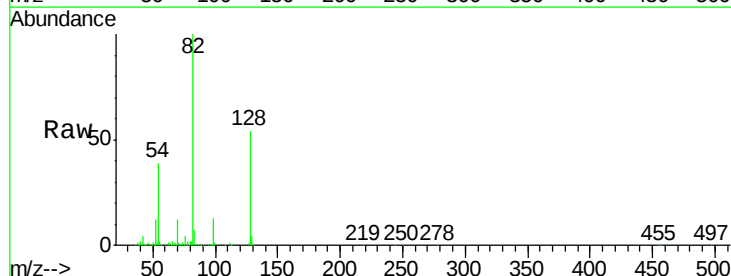


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

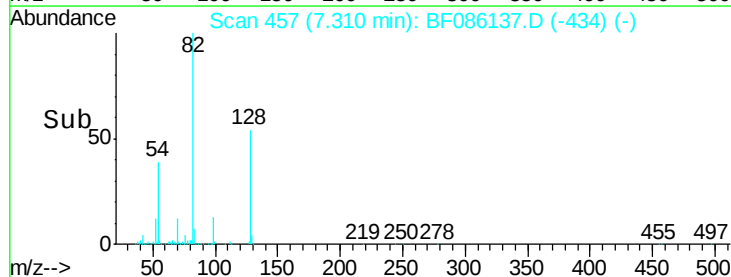
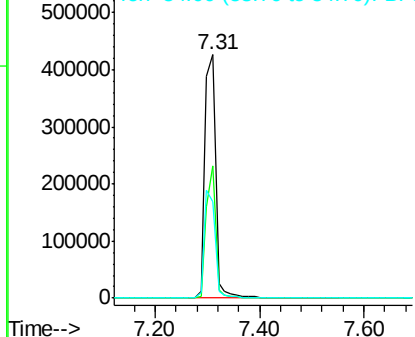


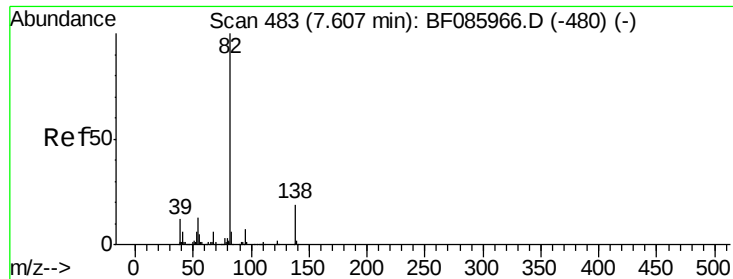
#23
Nitrobenzene-d5
Concen: 79.25 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086137.D
Acq: 7 Apr 2016 18:38

Tgt Ion:	82	Resp:	614078
Ion	Ratio	Lower	Upper
82	100		
128	54.5	41.8	62.8
54	39.5	33.4	50.0



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: 39.56 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.30 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

Instrument :

BNA_F

ClientSampled :

EP003

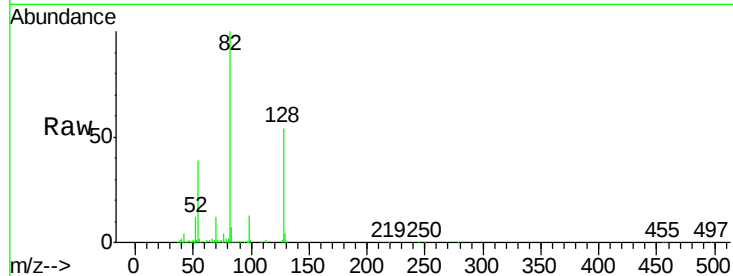
Tgt Ion: 82 Resp: 605130

Ion Ratio Lower Upper

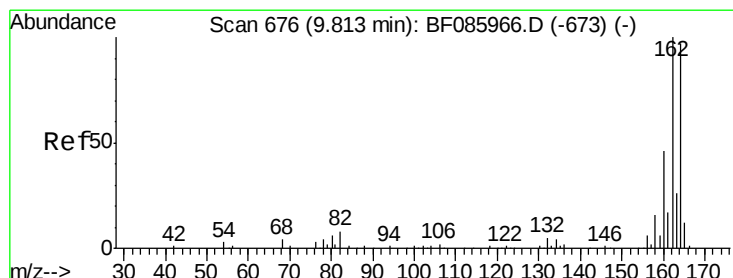
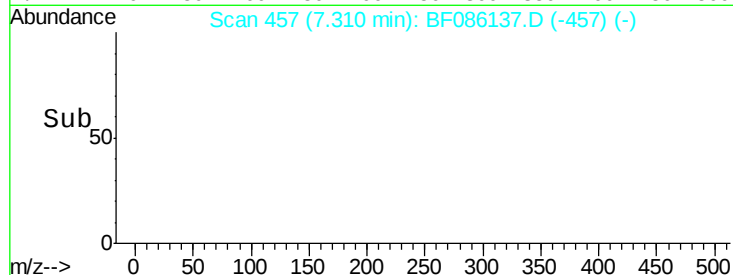
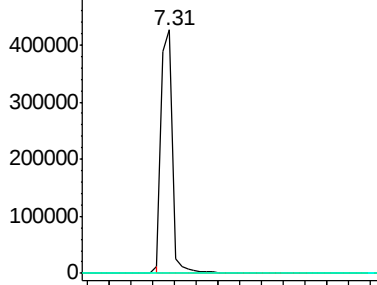
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



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: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF086137.D

Acq: 7 Apr 2016 18:38

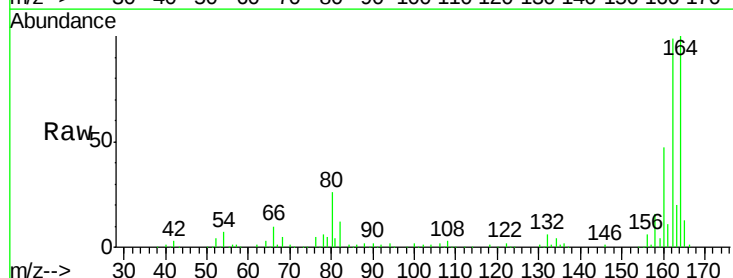
Tgt Ion: 164 Resp: 207749

Ion Ratio Lower Upper

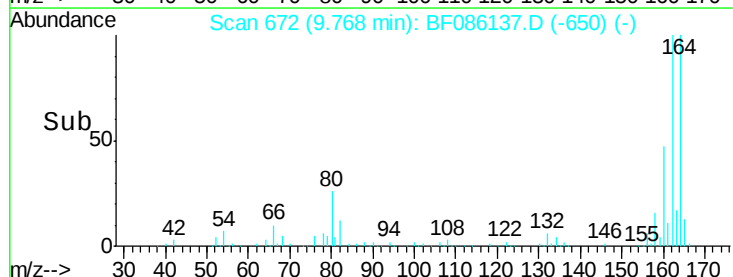
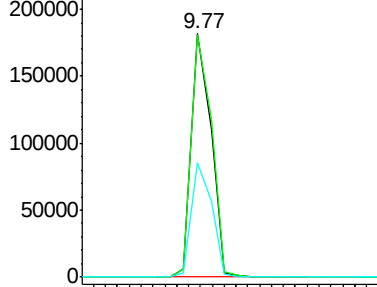
164 100

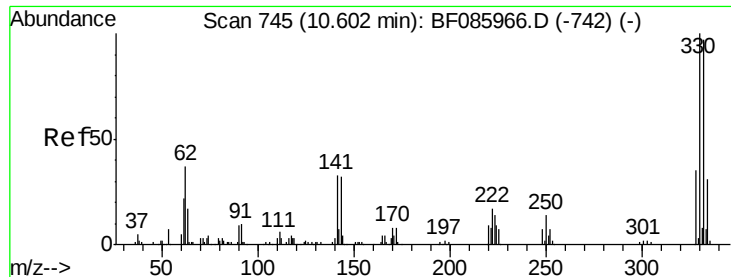
162 99.4 82.1 123.1

160 46.7 37.4 56.2



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

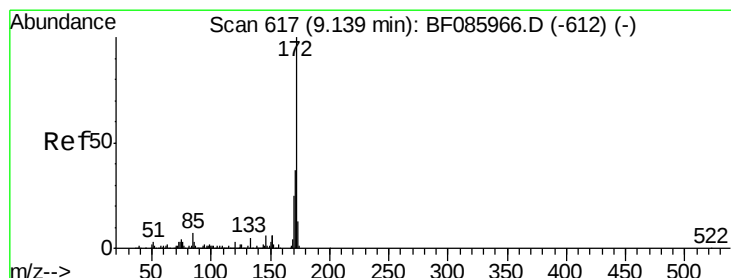
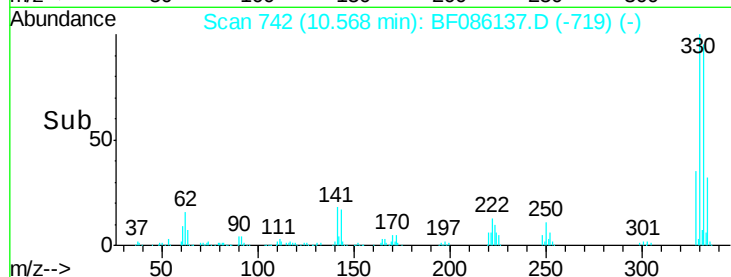
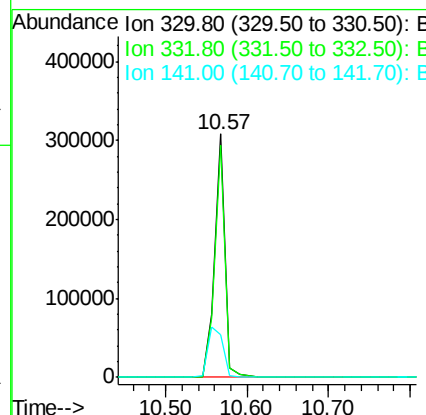
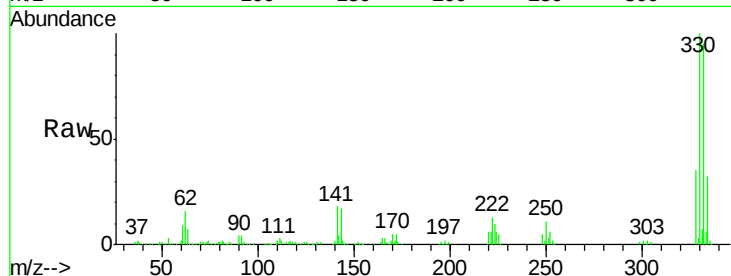




#41
 2,4,6-Tribromophenol
 Concen: 144.12 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086137.D
 Acq: 7 Apr 2016 18:38

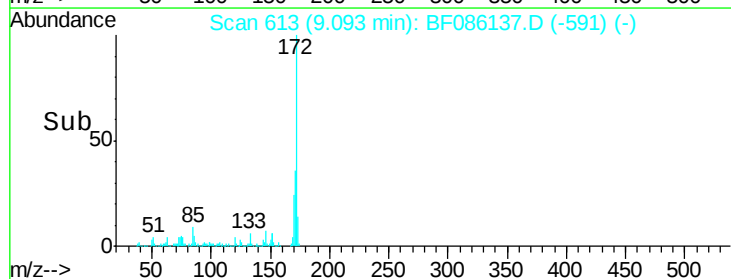
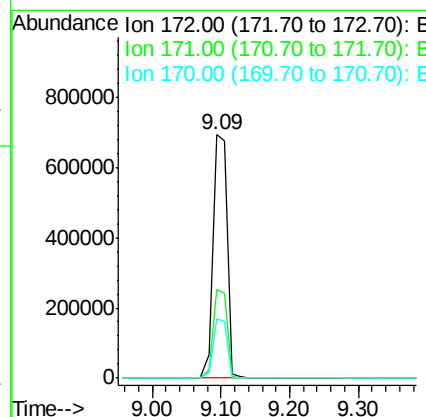
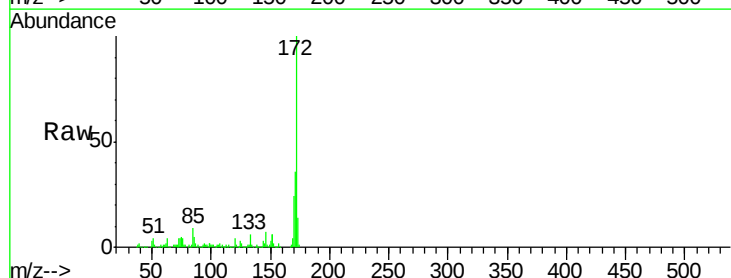
Instrument :
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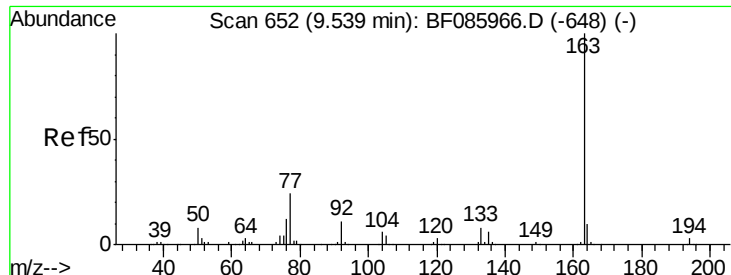
Tgt Ion:330 Resp: 281029
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.2 117.2
 141 30.8 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 80.39 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086137.D
 Acq: 7 Apr 2016 18:38

Tgt Ion:172 Resp: 1004510
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.2 19.8 29.6

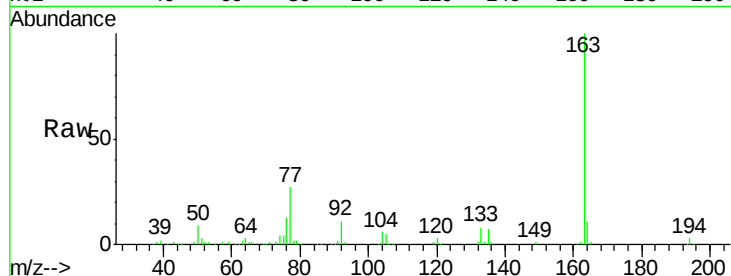




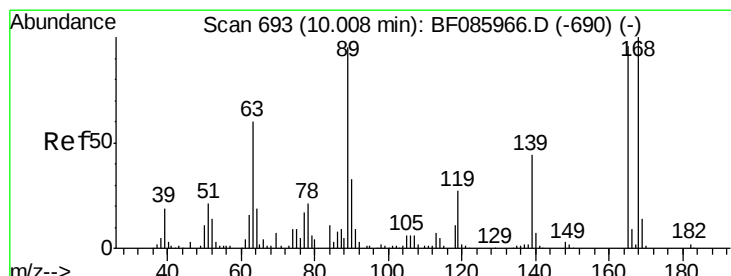
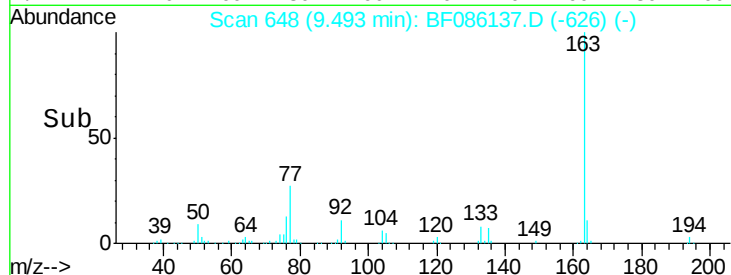
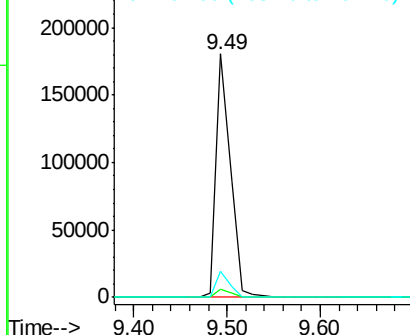
#49
Dimethylphthalate
Concen: 12.48 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086137.D
Acq: 7 Apr 2016 18:38

Instrument :
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ClientSampleId :
EP003

Tgt Ion:163 Resp: 192104
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.7 8.3 12.5

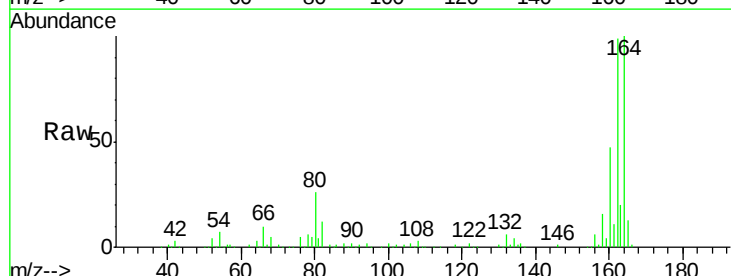


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

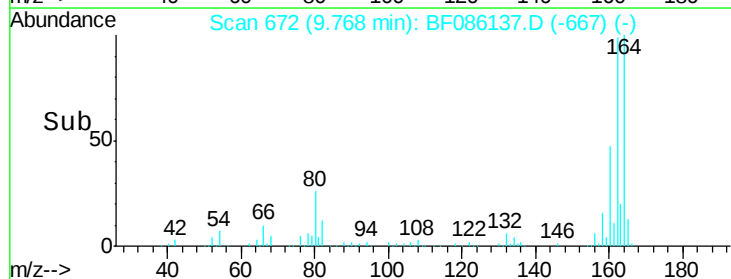
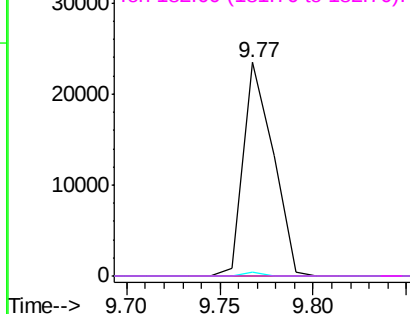


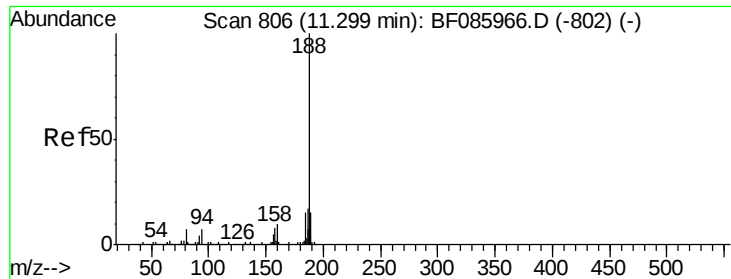
#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086137.D
Acq: 7 Apr 2016 18:38

Tgt Ion:165 Resp: 26105
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 1.6 41.0 61.6#
182 0.0 2.1 3.1#



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

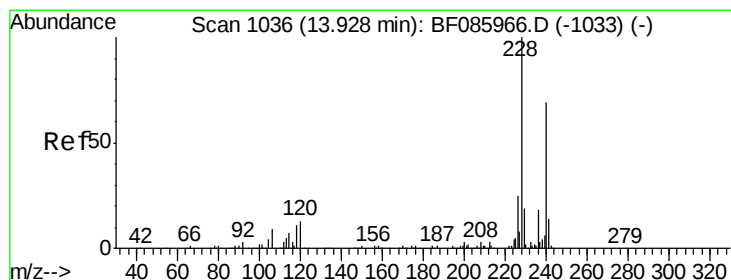
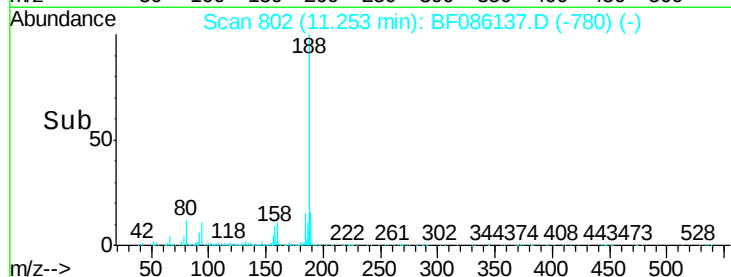
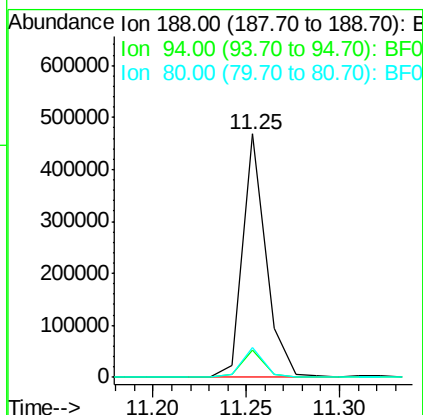
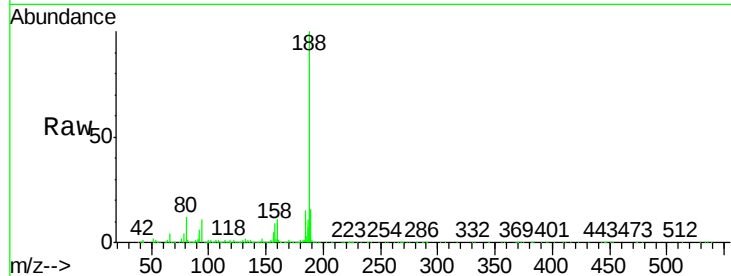




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086137.D
Acq: 7 Apr 2016 18:38

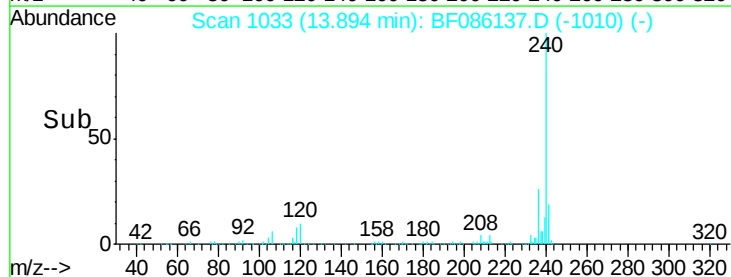
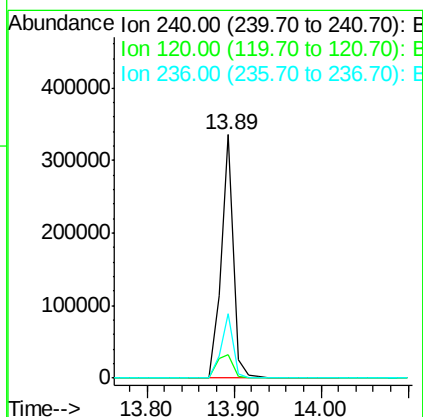
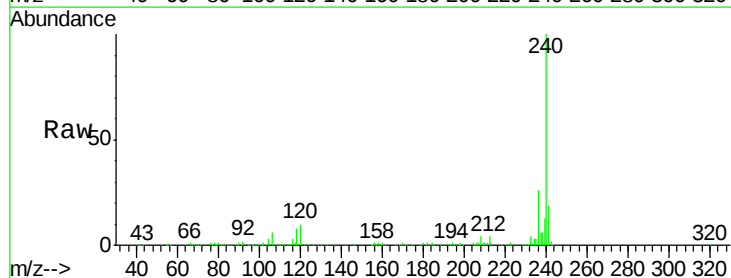
Instrument :
BNA_F
ClientSampleId :
EP003

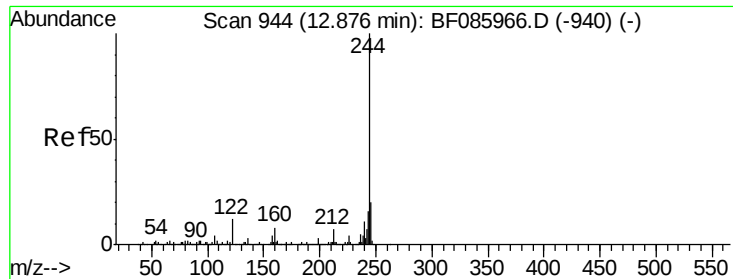
Tgt Ion:188 Resp: 408965
Ion Ratio Lower Upper
188 100
94 11.4 5.4 8.0#
80 12.2 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086137.D
Acq: 7 Apr 2016 18:38

Tgt Ion:240 Resp: 333565
Ion Ratio Lower Upper
240 100
120 9.6 13.8 20.8#
236 26.5 20.6 30.8

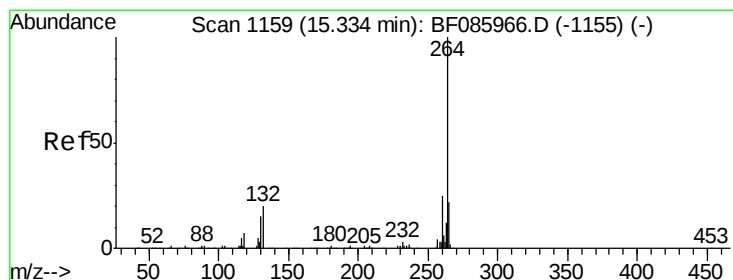
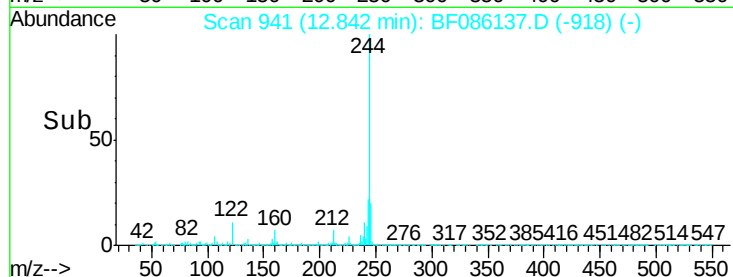
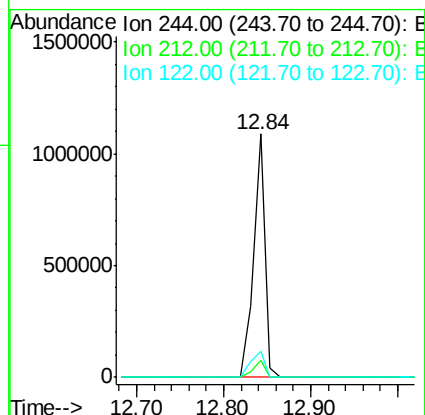
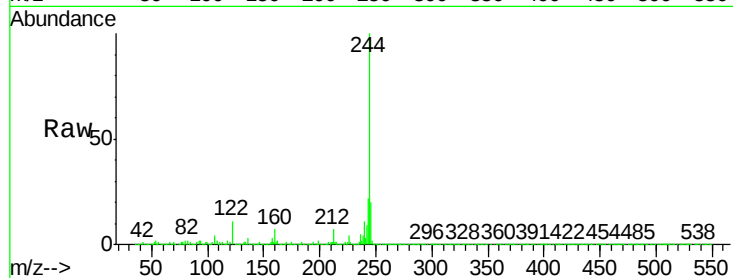




#78
 Terphenyl-d14
 Concen: 70.48 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF086137.D
 Acq: 7 Apr 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 EP003

Tgt Ion:244 Resp: 1000095
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.9 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086137.D
 Acq: 7 Apr 2016 18:38

Tgt Ion:264 Resp: 232712
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 20.9 17.2 25.8

