

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086540.D
 Acq On : 1 May 2016 00:00
 Operator : UM/SJ
 Sample : H2720-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 05:31:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 05:26:39 2016
 Response via : Initial Calibration

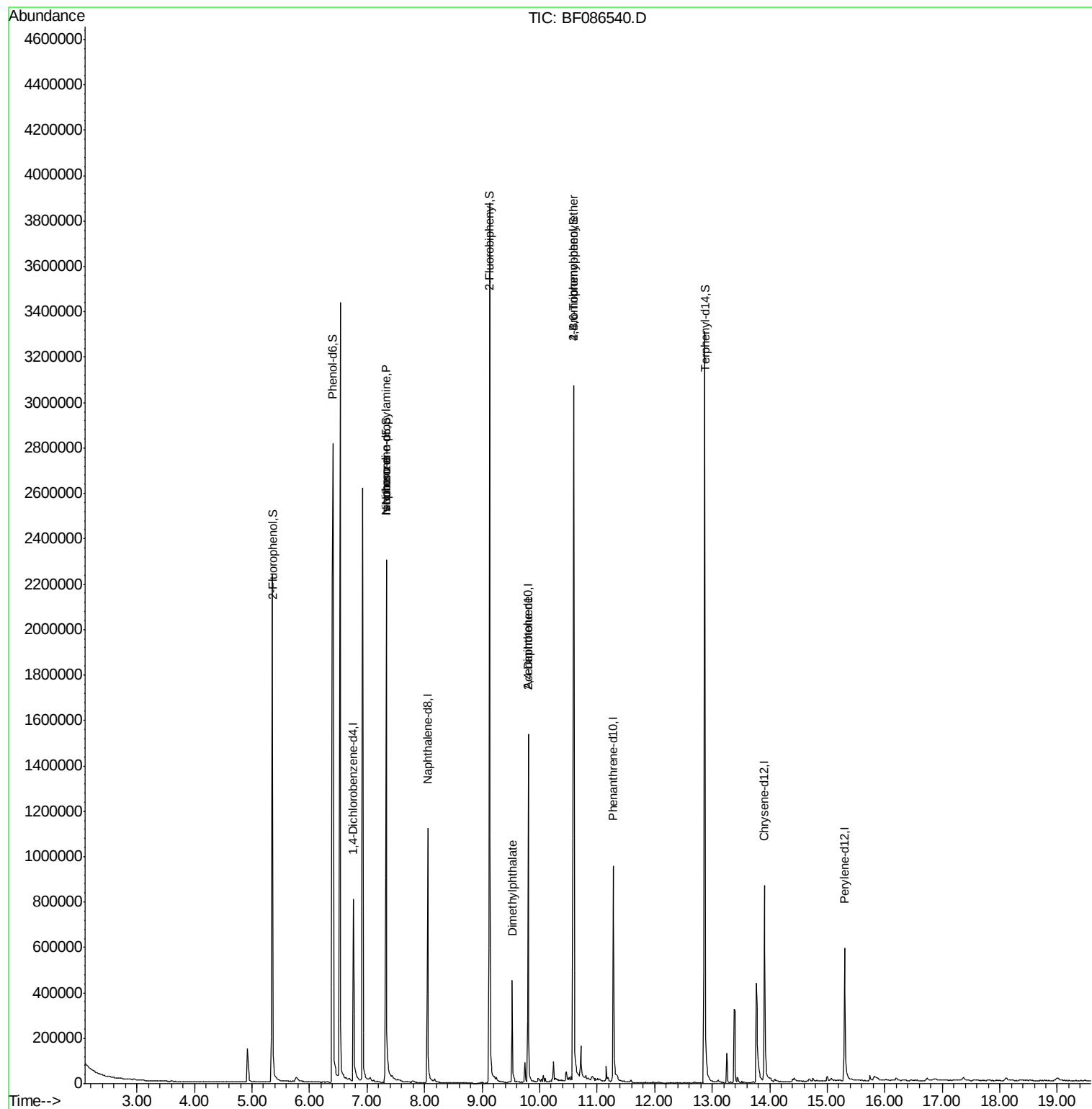
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132758	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	595575	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	294234	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	549750	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	449635	20.00	ng	-0.01
86) Perylene-d12	15.30	264	329635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	859175	111.63	ng	0.01
7) Phenol-d6	6.41	99	1366392	127.20	ng	0.00
23) Nitrobenzene-d5	7.33	82	860434	77.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	398911	128.56	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1333257	77.83	ng	-0.01
78) Terphenyl-d14	12.88	244	1626501	79.70	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	115517	16.27	ng	# 78
25) Isophorone	7.33	82	618215	29.07	ng	# 68
49) Dimethylphthalate	9.53	163	234225	10.57	ng	98
56) 2,4-Dinitrotoluene	9.80	165	37146	6.37	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	24231	4.28	ng	# 1

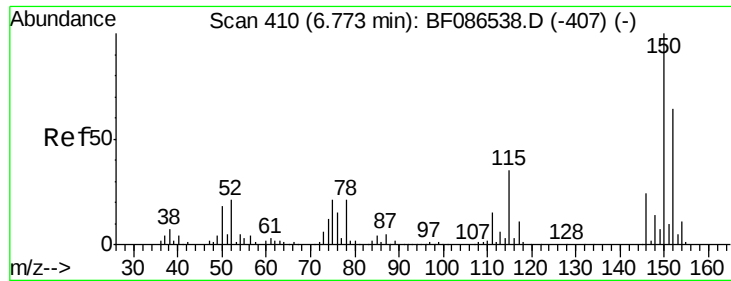
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

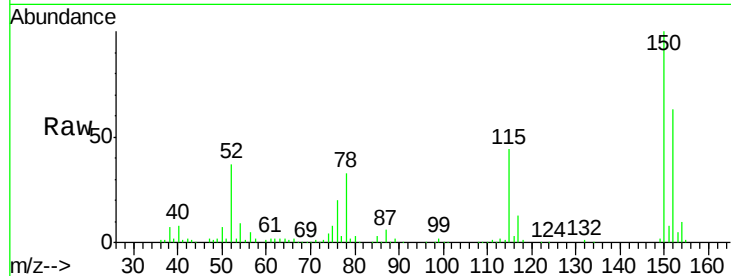
Tot Ion:152 Resp: 132758

Ion Ratio Lower Upper

152 100

150 158.5 125.8 188.6

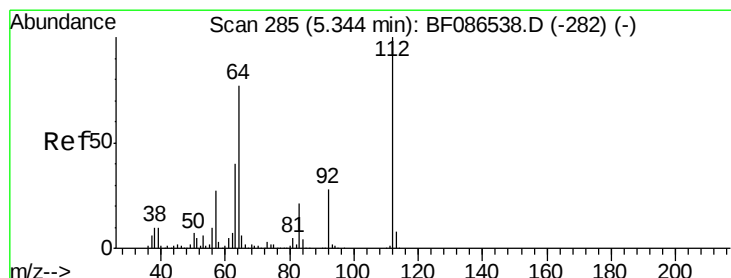
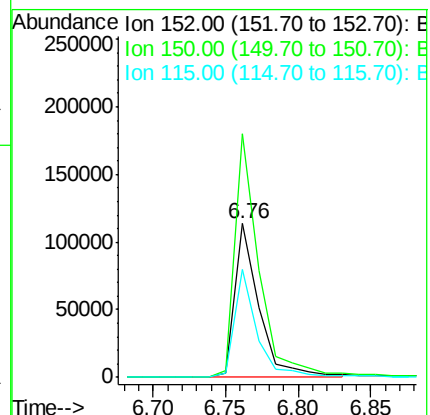
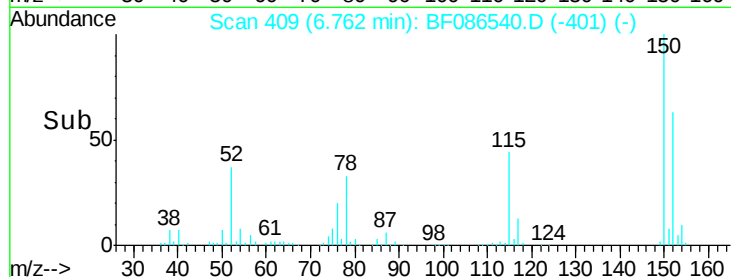
115 70.3 51.5 77.3



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: 111.63 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

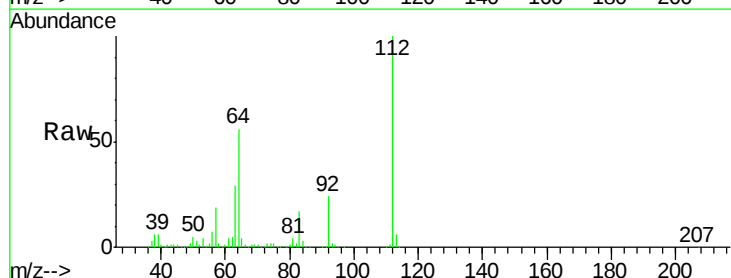
Tgt Ion:112 Resp: 859175

Ion Ratio Lower Upper

112 100

64 55.7 52.1 78.1

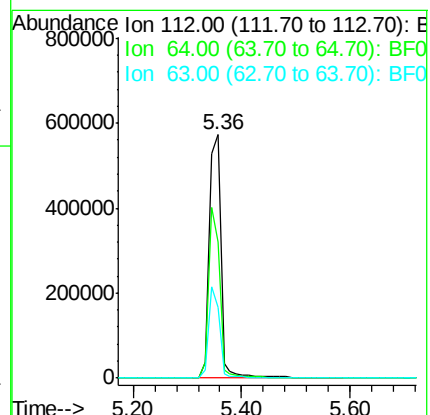
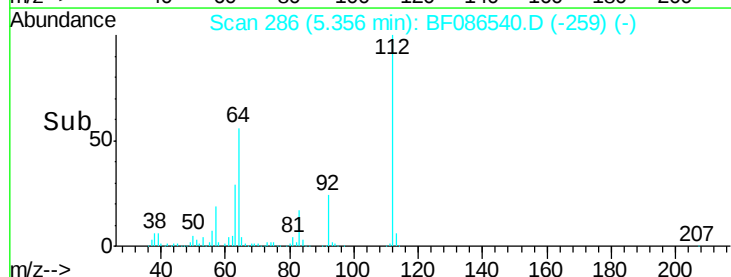
63 29.2 25.7 38.5

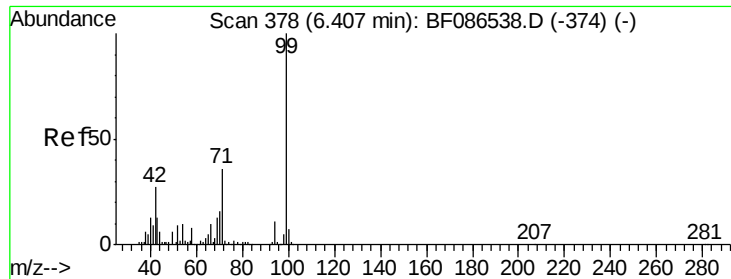


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.20 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

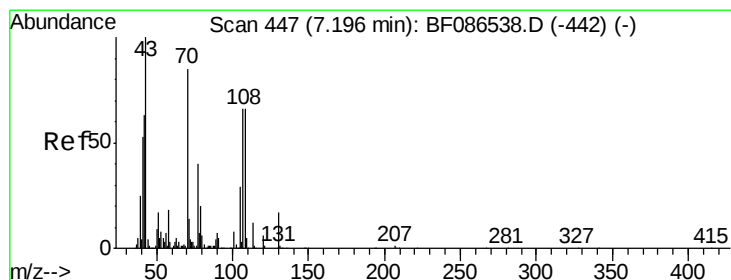
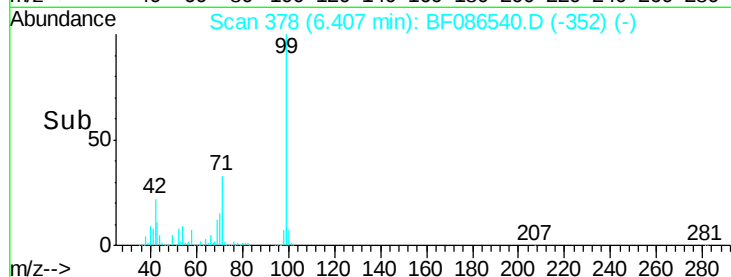
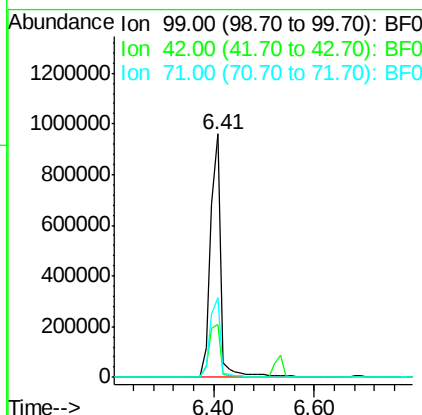
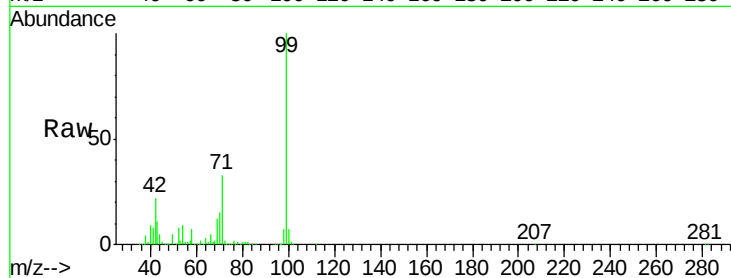
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1366392

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.6	20.4#
71	32.7	24.6	36.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.27 ng

RT: 7.33 min Scan# 459

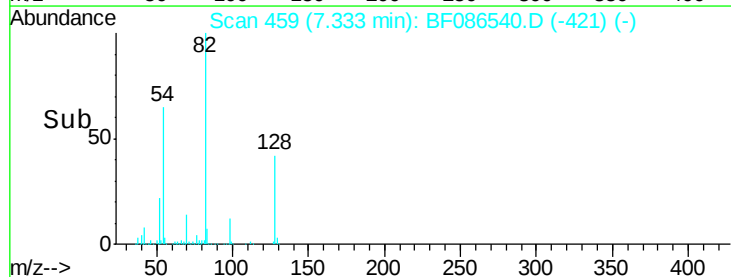
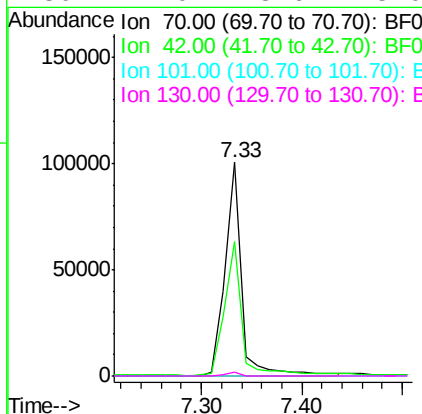
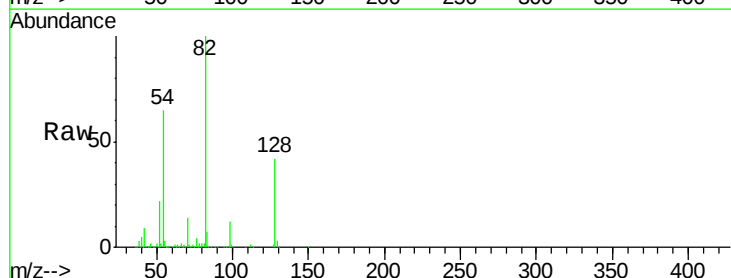
Delta R.T. 0.14 min

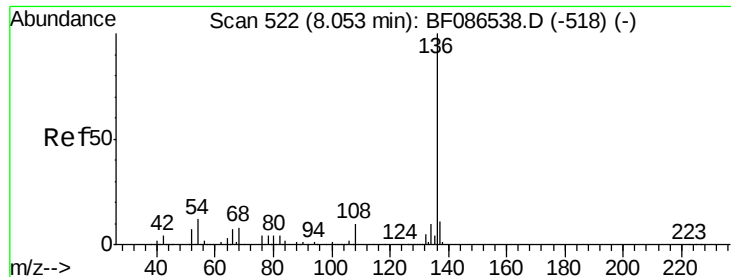
Lab File: BF086540.D

Acq: 1 May 2016 00:00

Tgt Ion: 70 Resp: 115517

Ion	Ratio	Lower	Upper
70	100		
42	62.7	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 595575

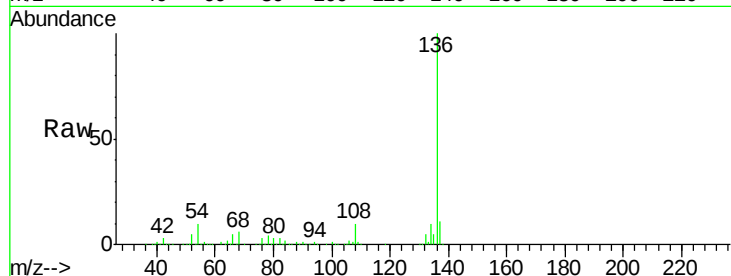
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.7 5.0 7.4#

68 6.1 4.4 6.6

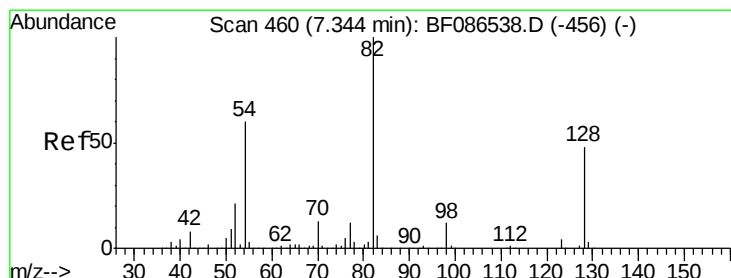
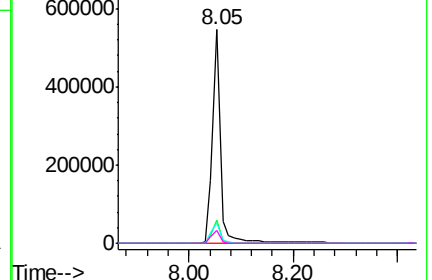
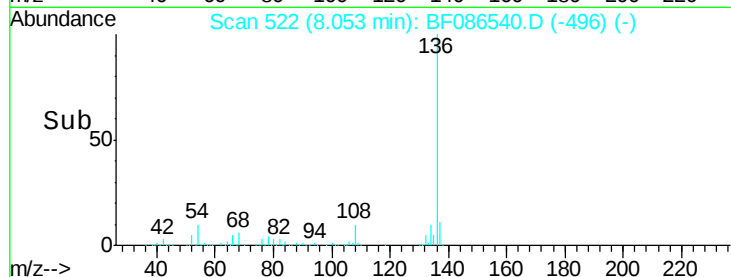


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.87 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

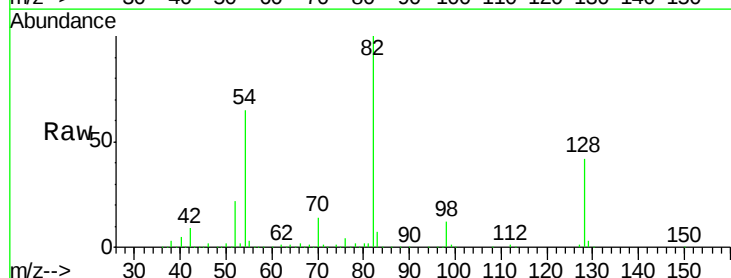
Tgt Ion: 82 Resp: 860434

Ion Ratio Lower Upper

82 100

128 42.4 40.6 61.0

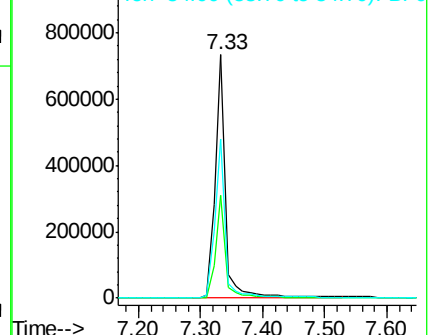
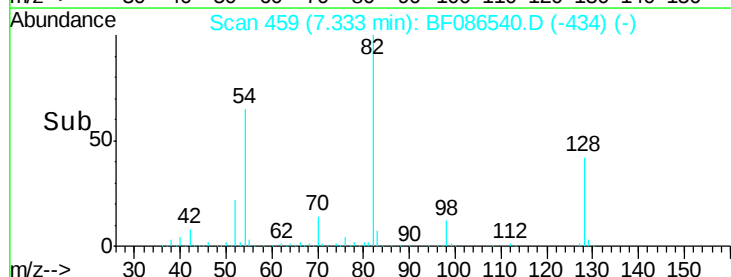
54 65.2 38.1 57.1#

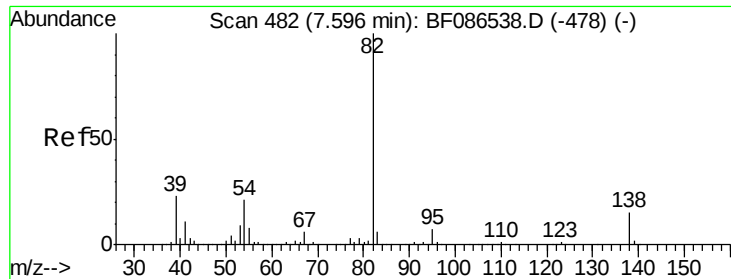


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.07 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.26 min

Lab File: BF086540.D

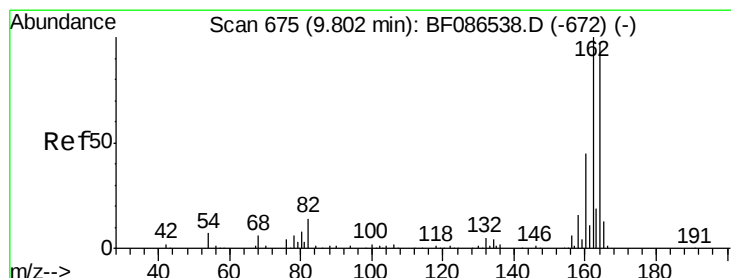
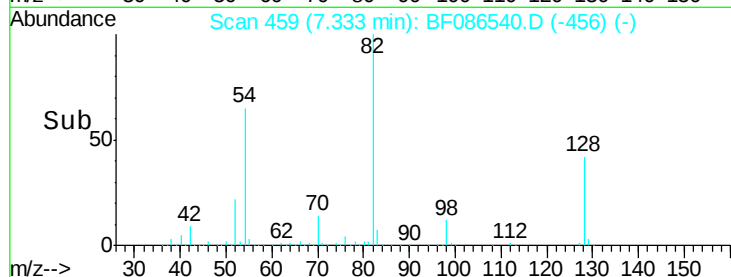
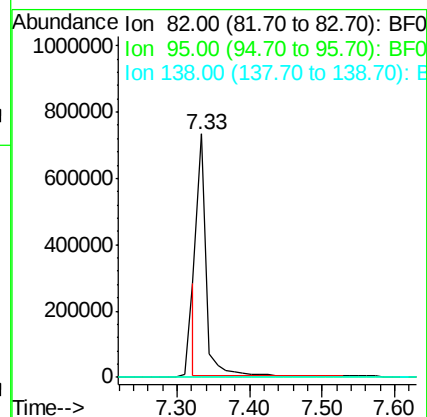
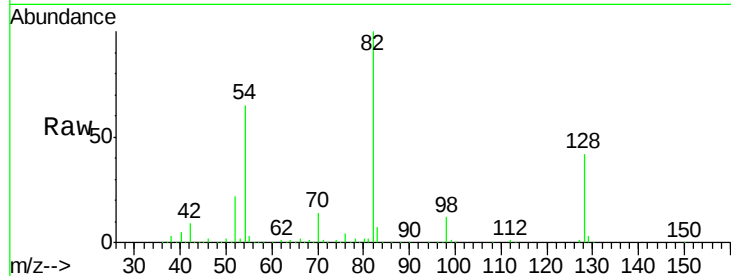
Acq: 1 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	82	Resp:	618215
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

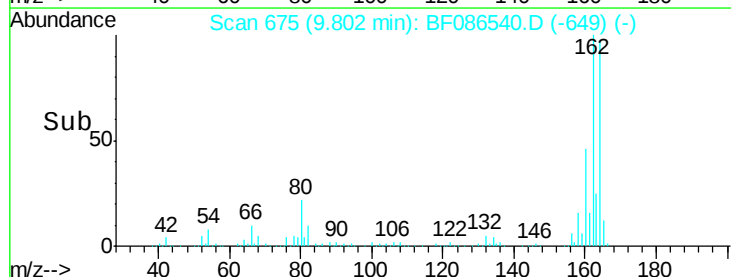
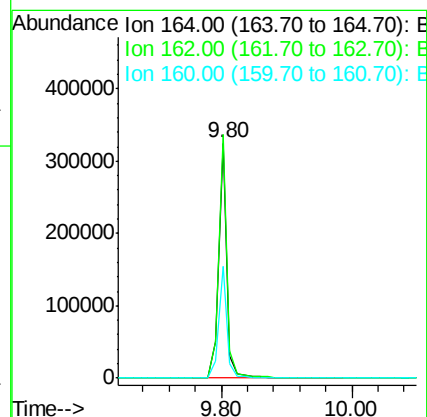
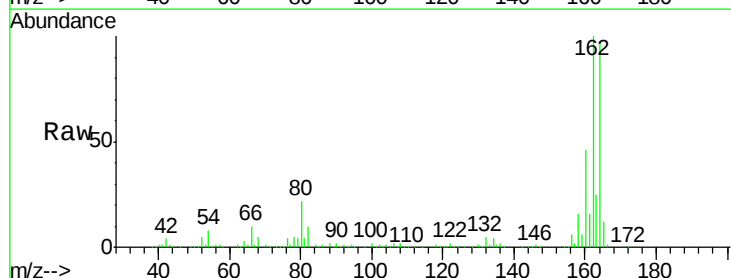
RT: 9.80 min Scan# 675

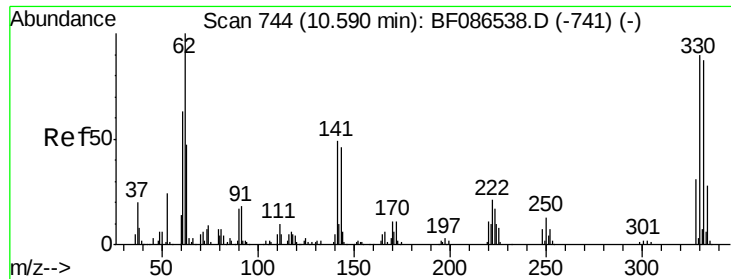
Delta R.T. 0.00 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

Tgt Ion:	164	Resp:	294234
Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	47.6	36.9	55.3

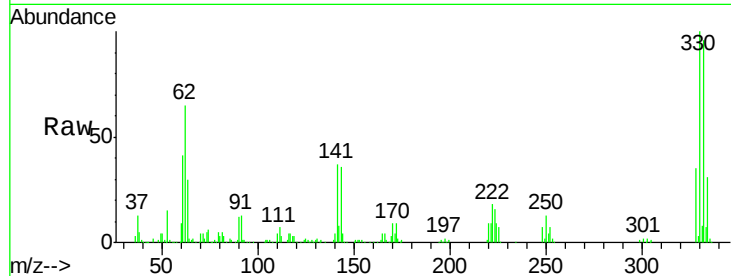




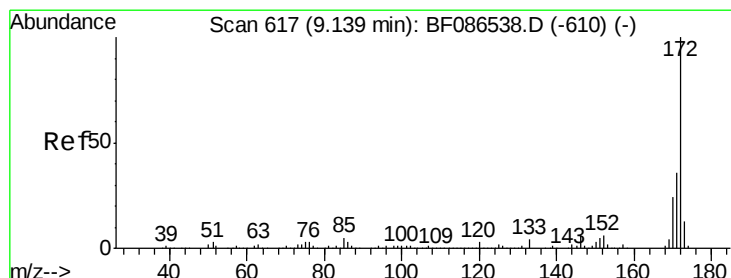
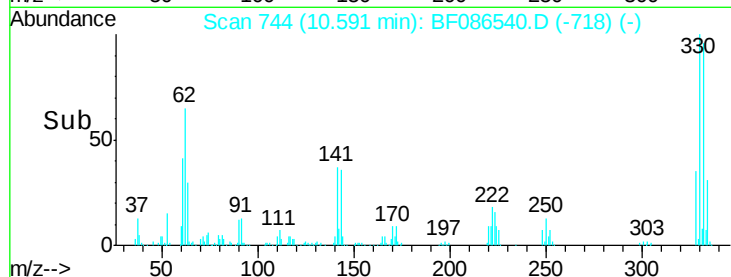
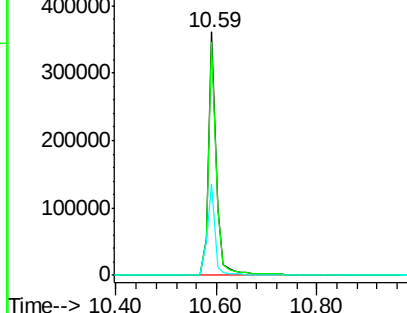
#41
 2,4,6-Tribromophenol
 Concen: 128.56 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	37.4	31.2	46.8

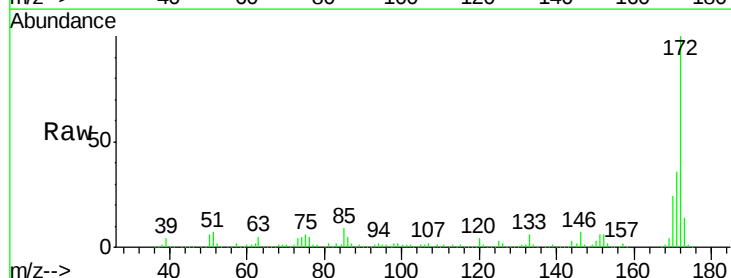


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

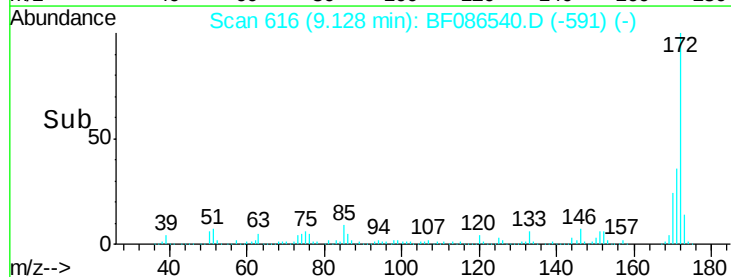
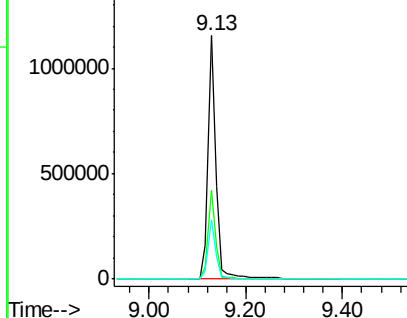


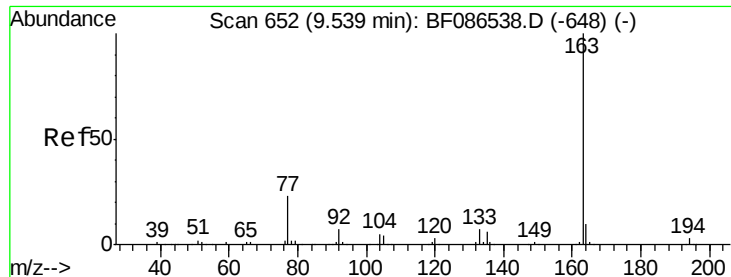
#44
 2-Fluorobiphenyl
 Concen: 77.83 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	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

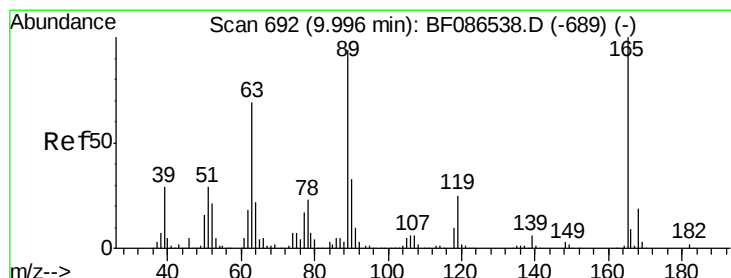
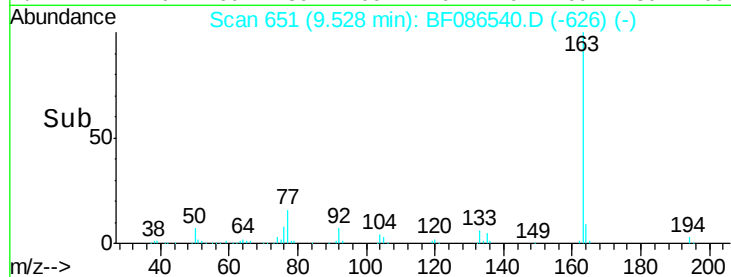
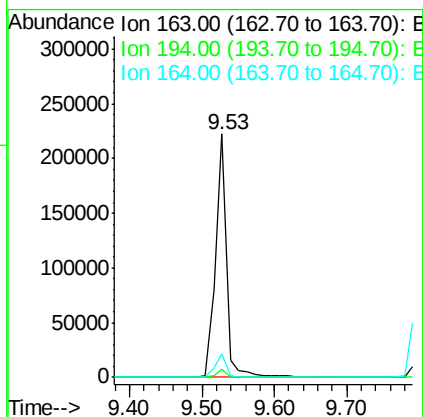
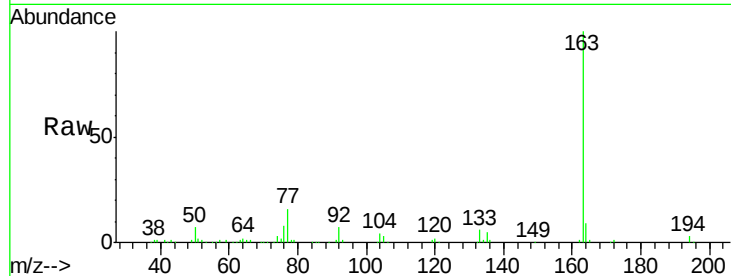




#49
Dimethylphthalate
Concen: 10.57 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086540.D
Acq: 1 May 2016 00:00

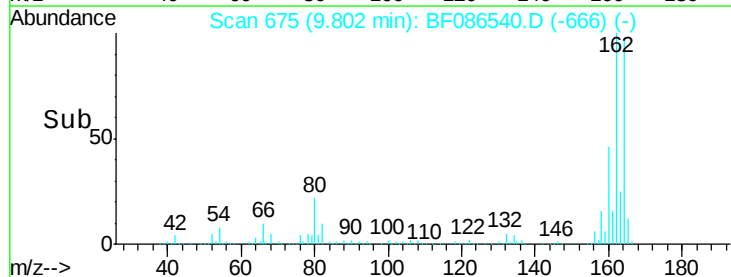
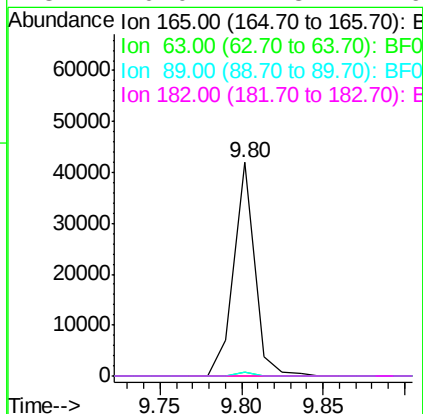
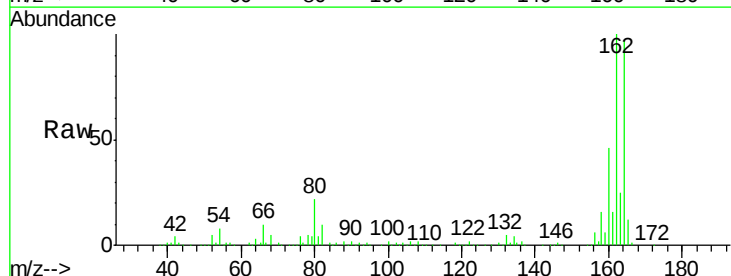
Instrument :
BNA_F
ClientSampleId :

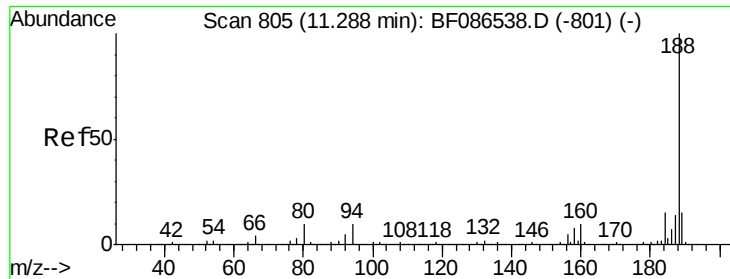
Tot Ion:163 Resp: 234225
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.5 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.19 min
Lab File: BF086540.D
Acq: 1 May 2016 00:00

Tgt Ion:165 Resp: 37146
Ion Ratio Lower Upper
165 100
63 1.7 44.3 66.5#
89 1.9 70.0 105.0#
182 0.0 1.8 2.6#

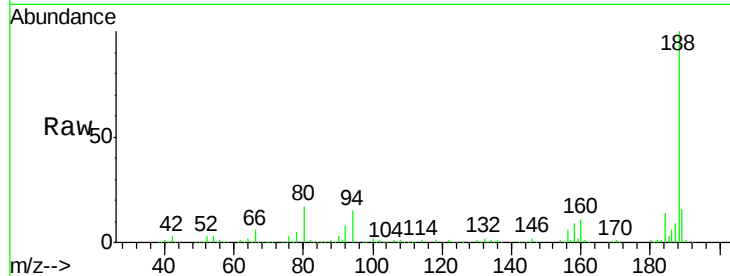




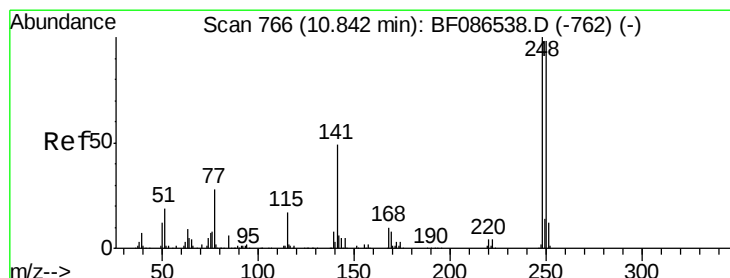
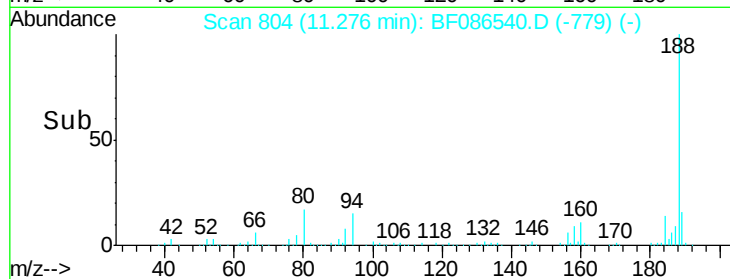
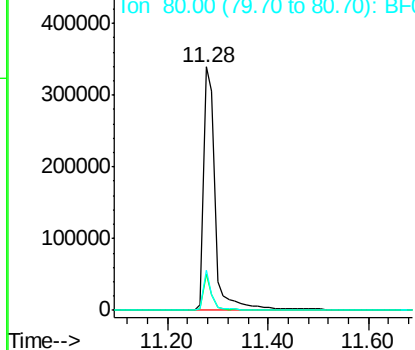
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 549750
 Ion Ratio Lower Upper
 188 100
 94 14.8 6.8 10.2#
 80 16.7 7.1 10.7#

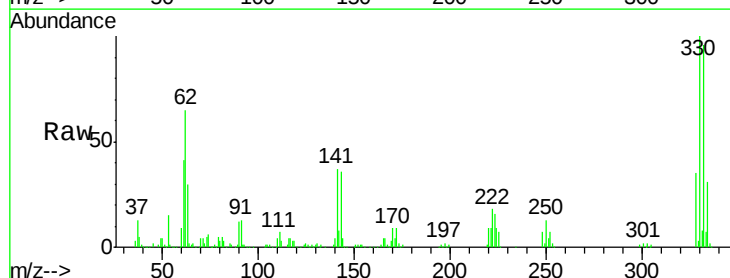


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

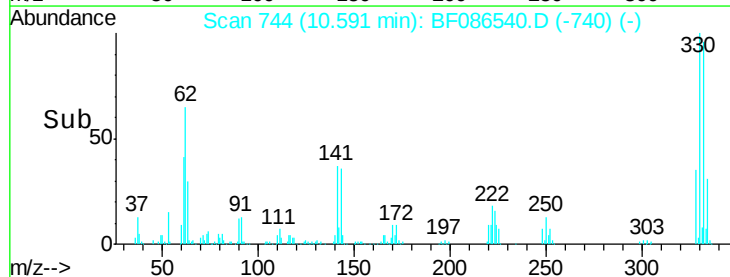
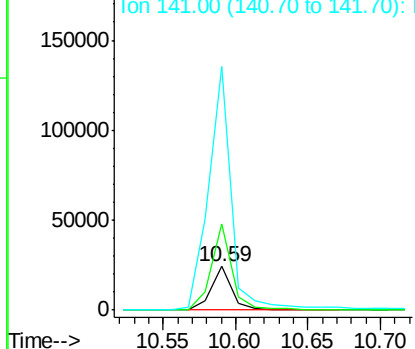


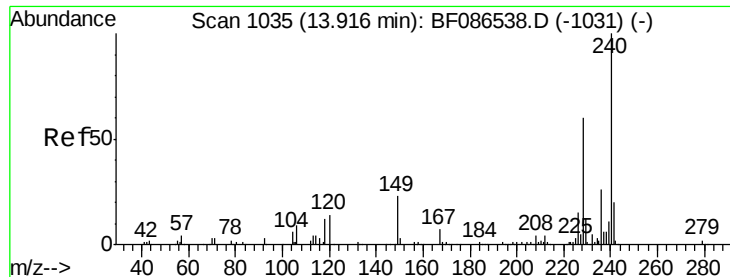
#66
 4-Bromophenyl-phenylether
 Concen: 4.28 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086540.D
 Acq: 1 May 2016 00:00

Tgt Ion:248 Resp: 24231
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.6 117.8#
 141 557.1 76.0 114.0#



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: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

Instrument :

BNA_F

ClientSampleId :

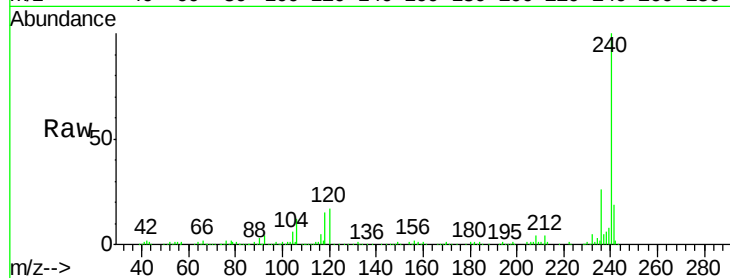
Tot Ion:240 Resp: 449635

Ion Ratio Lower Upper

240 100

120 16.7 11.2 16.8

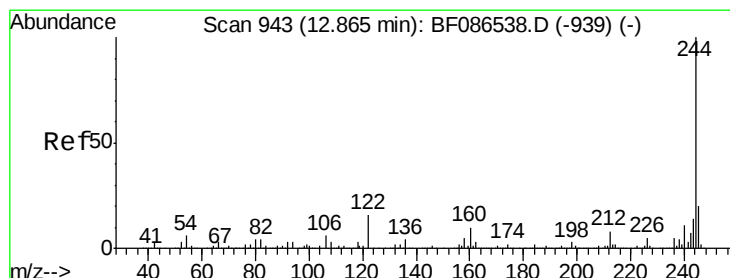
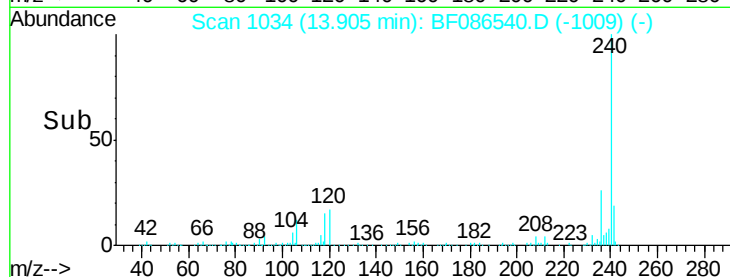
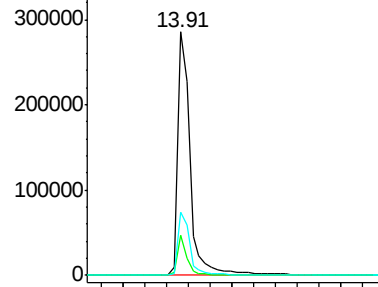
236 26.2 21.2 31.8



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: 79.70 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF086540.D

Acq: 1 May 2016 00:00

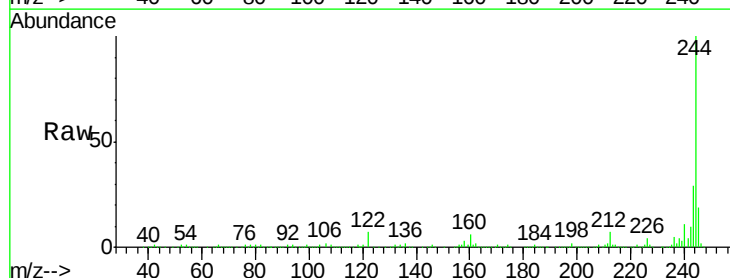
Tgt Ion:244 Resp: 1626501

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

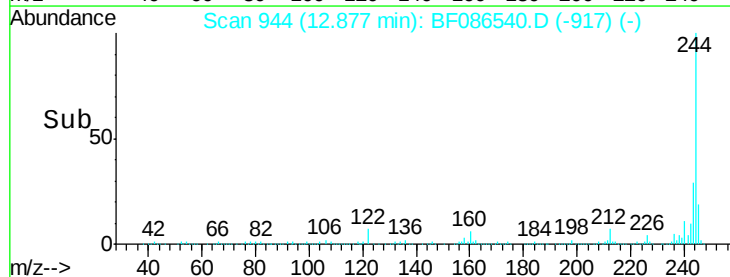
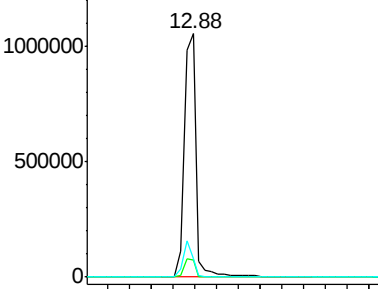
122 7.4 12.0 18.0#

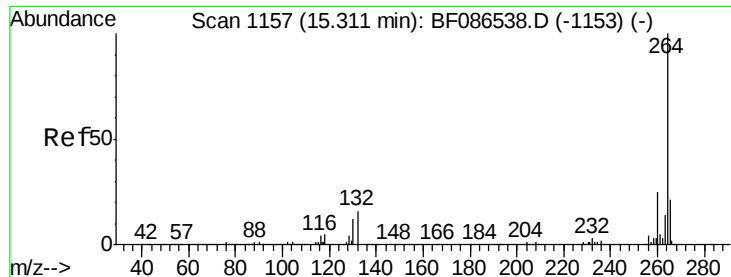


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

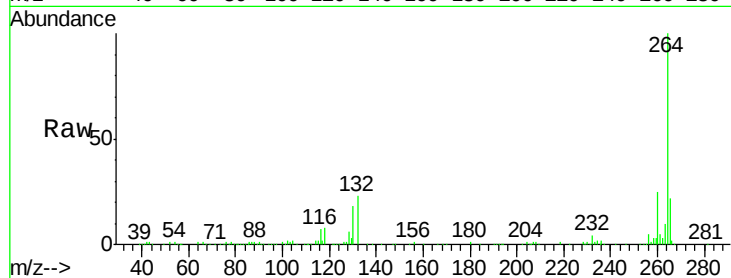




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF086540.D
Acq: 1 May 2016 00:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.9	17.3	25.9



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

