

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098285.D
 Acq On : 6 Sep 2017 21:06
 Operator : SJ/JU
 Sample : I5093-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090117-A

Quant Time: Sep 07 03:39:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

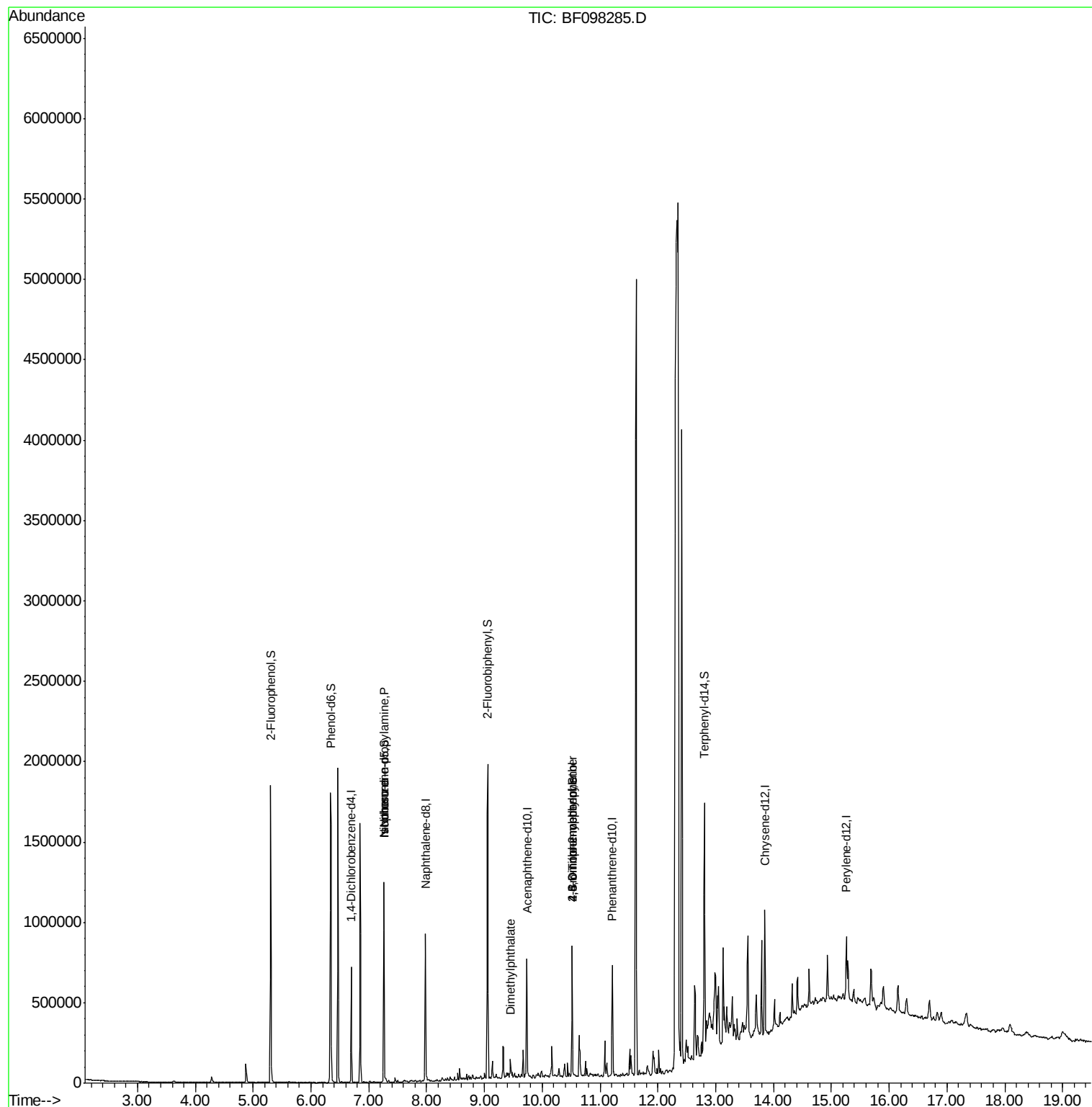
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106897	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	382342	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	142465	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	239887	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	253365	20.00	ng	-0.01
86) Perylene-d12	15.26	264	178279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	535898	76.25	ng	0.00
7) Phenol-d6	6.34	99	707767	74.12	ng	-0.01
23) Nitrobenzene-d5	7.26	82	413862	58.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	90799	73.46	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	580284	59.84	ng	-0.01
78) Terphenyl-d14	12.80	244	438829	36.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	55071	8.43	ng	# 70
25) Isophorone	7.26	82	408491	27.91	ng	# 67
49) Dimethylphthalate	9.45	163	23494	2.26	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.52	198	110	8.40	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	6036	2.42	ng	# 1

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

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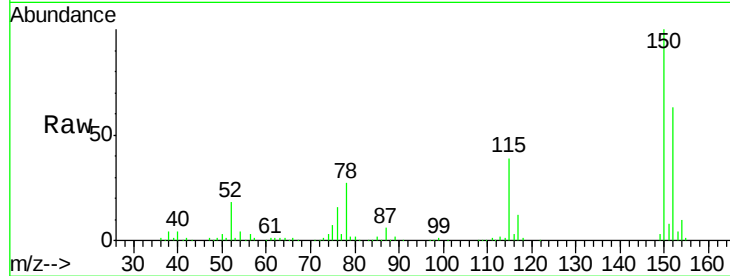


#1

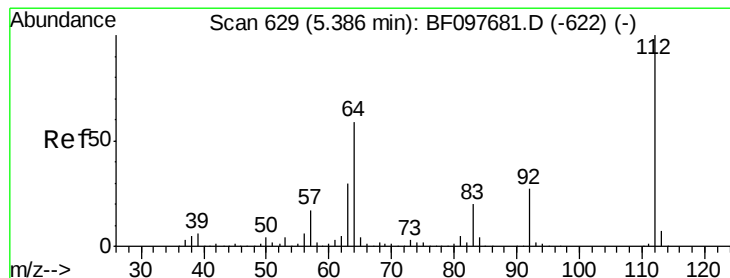
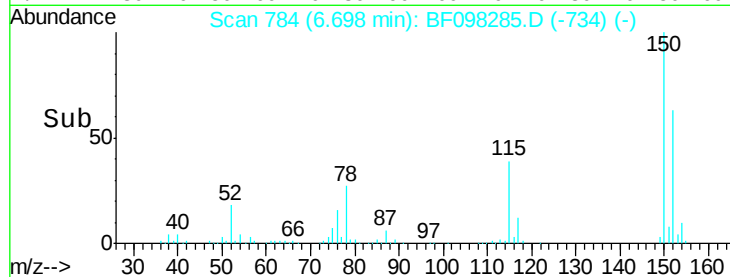
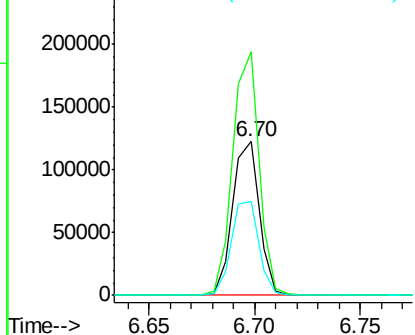
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF098285.D
 Acq: 6 Sep 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090117-A

Tot Ion:152 Resp: 106897
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 61.4 52.2 78.2



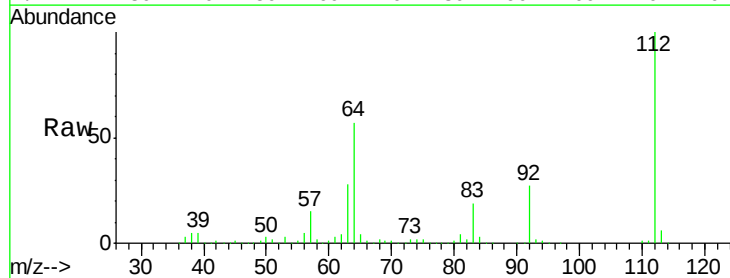
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



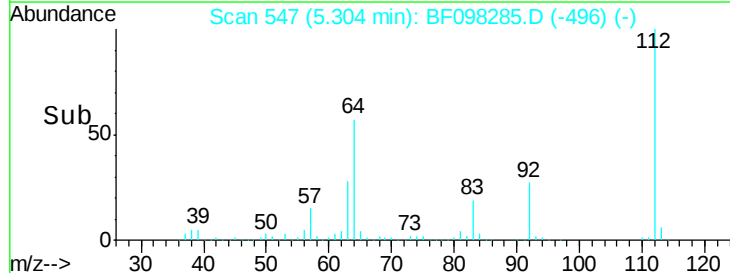
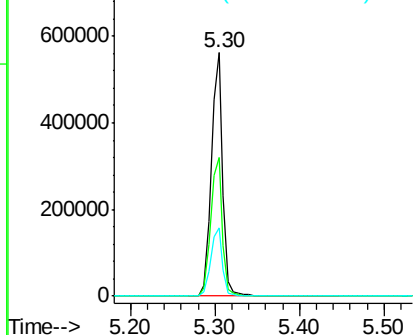
#5

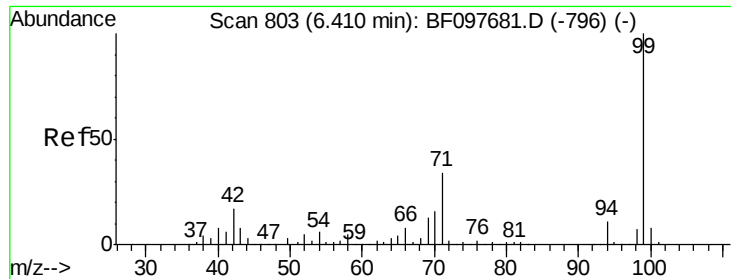
2-Fluorophenol
 Concen: 76.25 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF098285.D
 Acq: 6 Sep 2017 21:06

Tgt Ion:112 Resp: 535898
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.0 69.0
 63 28.2 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: 74.12 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-A

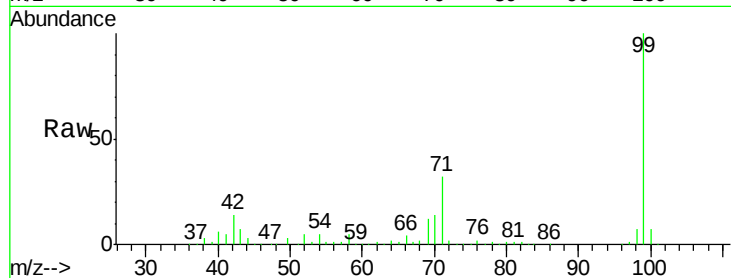
Tot Ion: 99 Resp: 707767

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

71 32.3 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

800000

600000

400000

200000

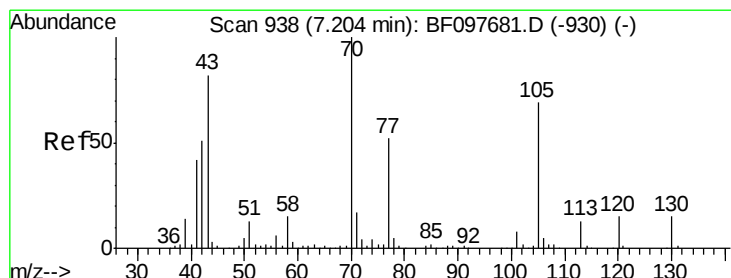
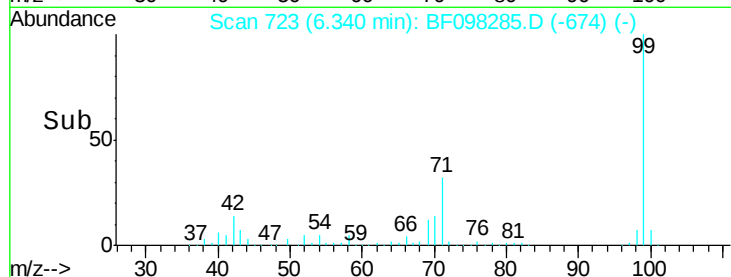
0

6.30

6.34

6.40

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 8.43 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

Tgt Ion: 70 Resp: 55071

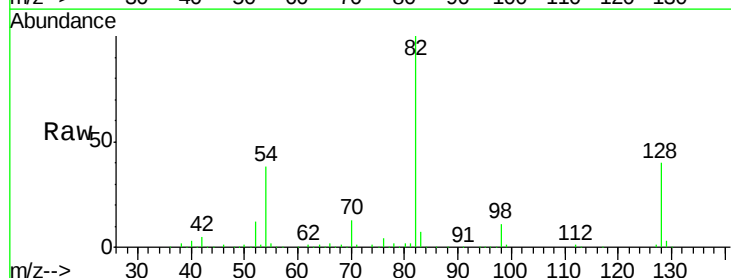
Ion Ratio Lower Upper

70 100

42 38.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 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): E

Ion 130.00 (129.70 to 130.70): E

80000

60000

40000

20000

0

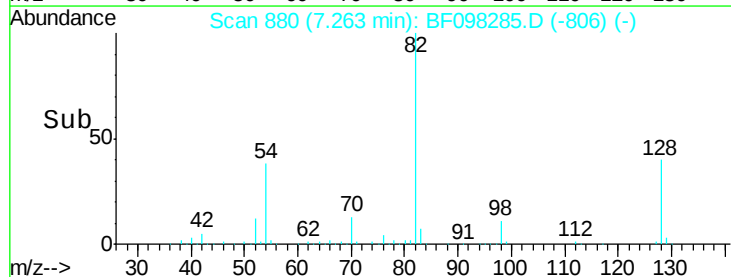
7.20

7.26

7.30

7.35

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-A

Tot Ion:136 Resp: 382342

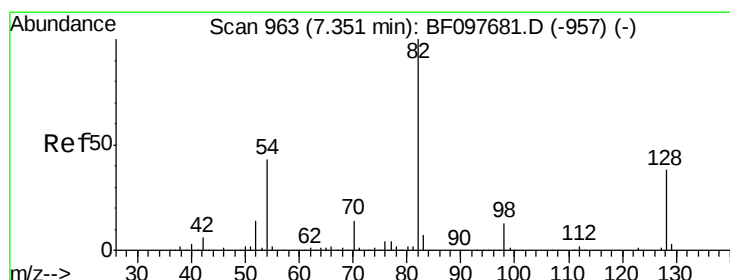
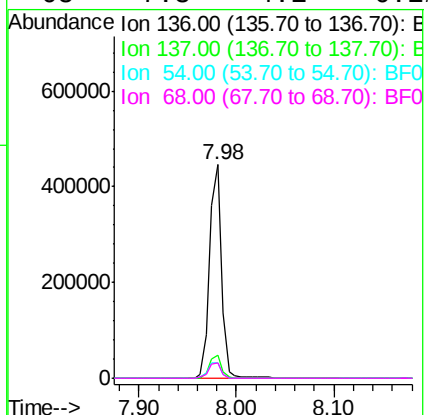
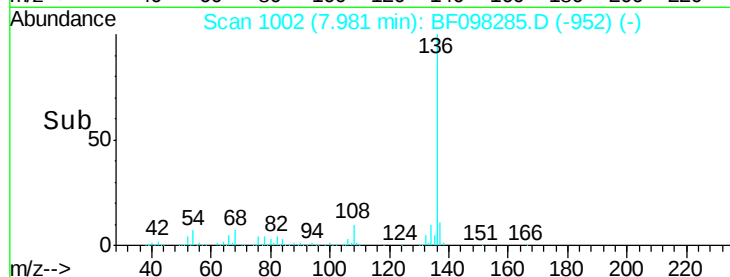
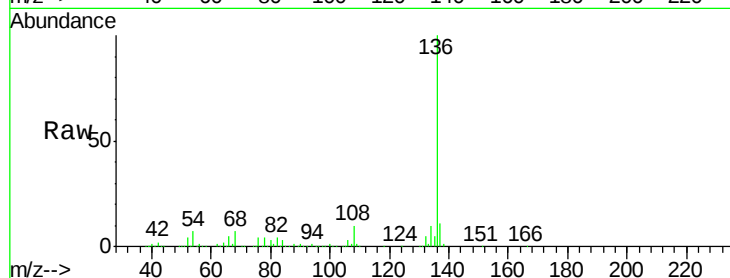
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 7.3 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 58.80 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

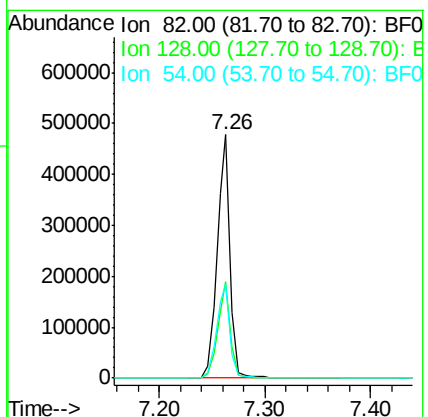
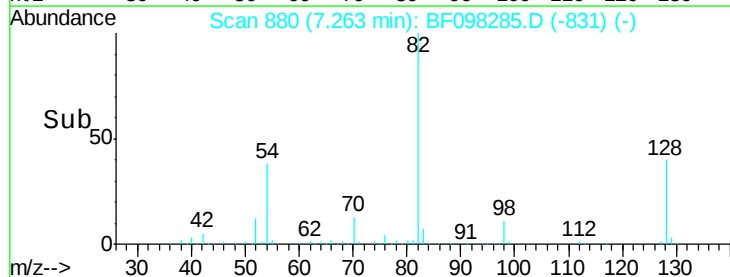
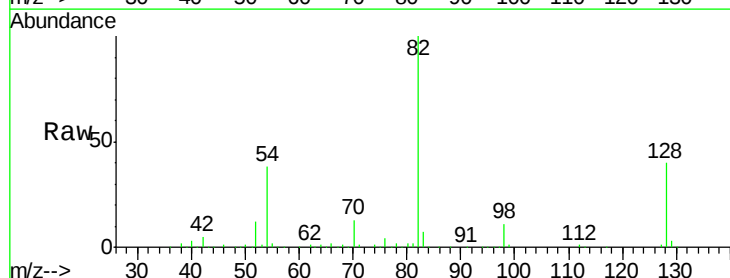
Tgt Ion: 82 Resp: 413862

Ion Ratio Lower Upper

82 100

128 39.5 34.0 51.0

54 38.4 42.2 63.2#





#25

Isophorone

Concen: 27.91 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-A

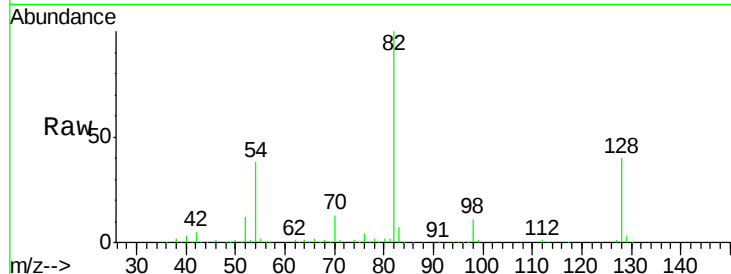
Tot Ion: 82 Resp: 408491

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

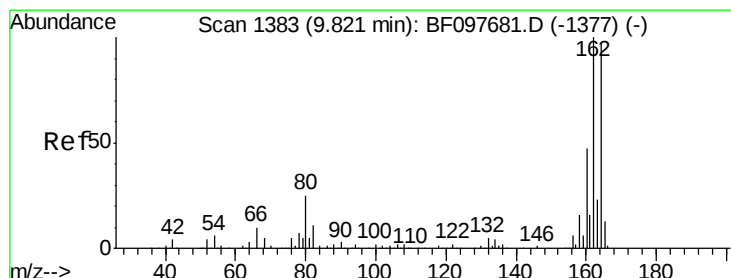
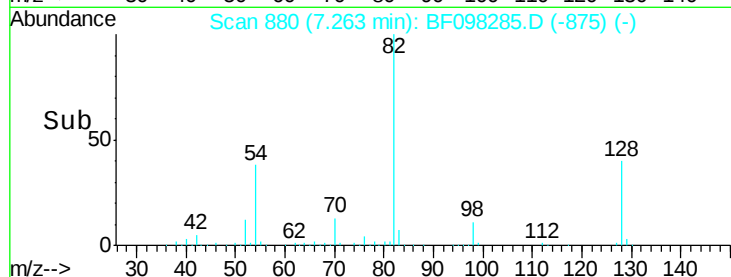
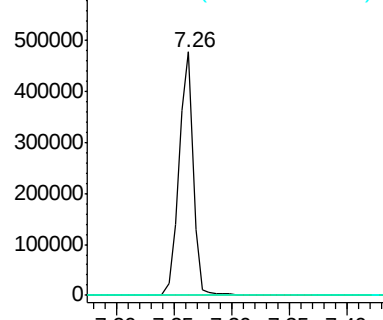
138 0.0 13.1 19.7#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

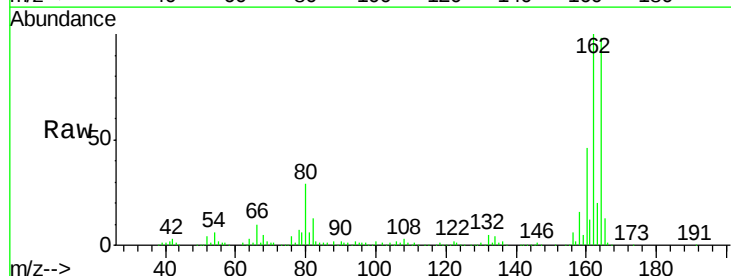
Tgt Ion: 164 Resp: 142465

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

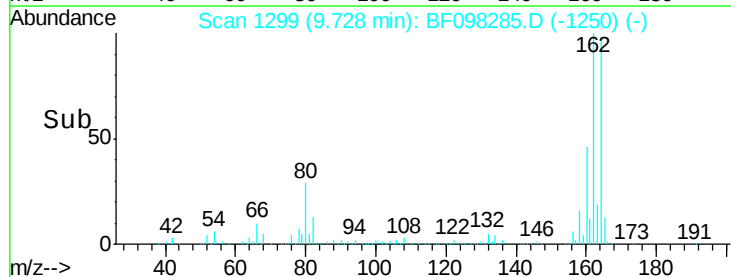
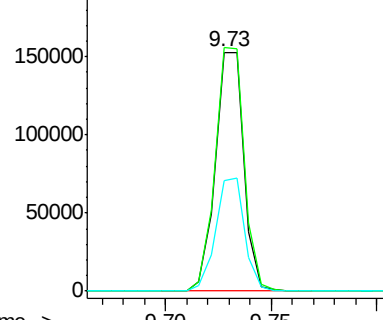
160 46.4 36.2 54.2

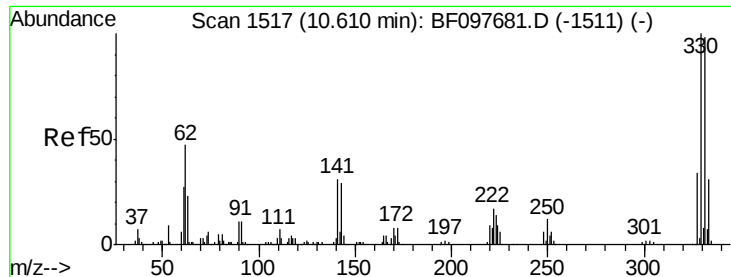


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

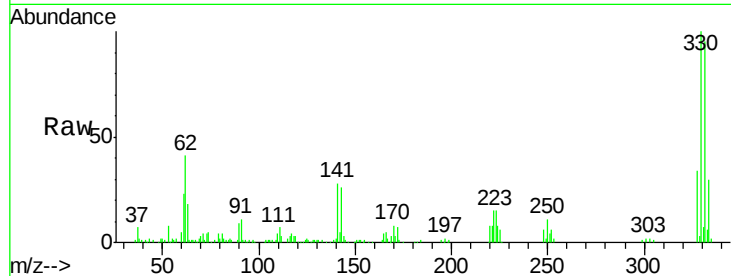




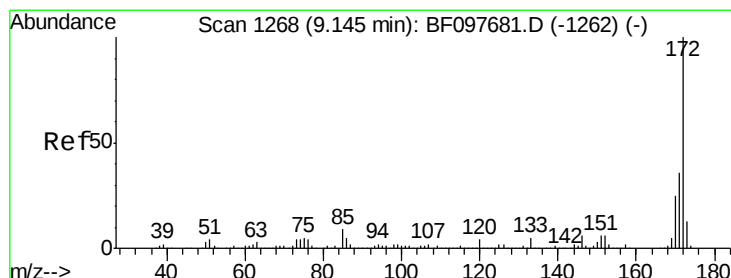
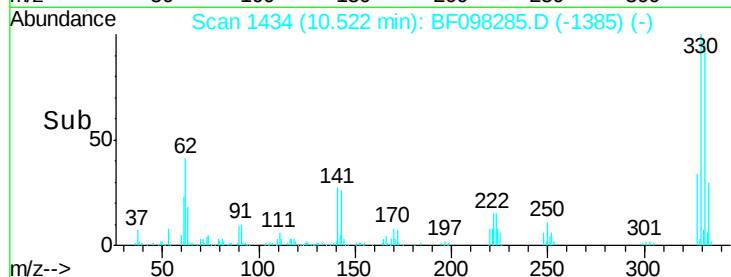
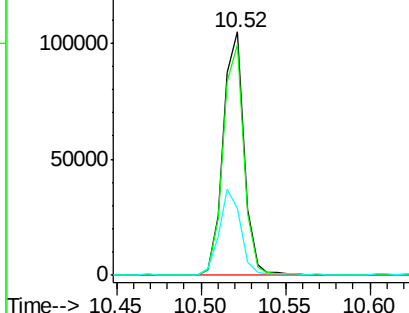
#41
 2,4,6-Tribromophenol
 Concen: 73.46 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098285.D
 Acq: 6 Sep 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090117-A

Tot Ion:330 Resp: 90799
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 36.7 31.4 47.2

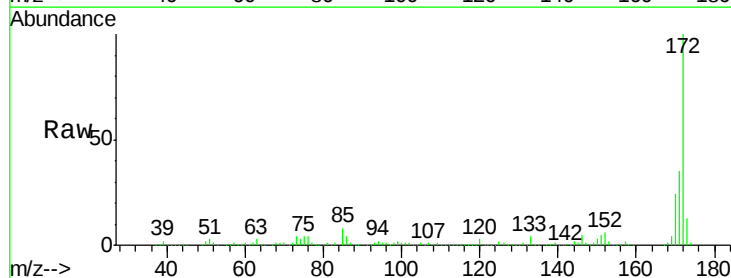


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

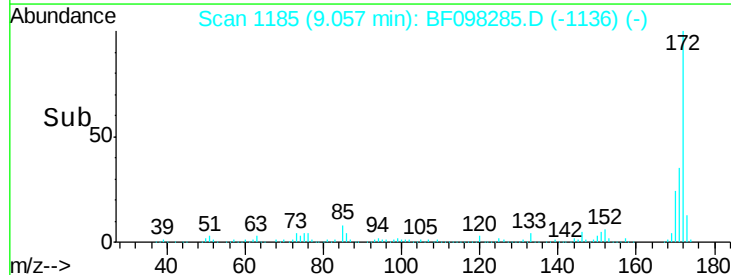
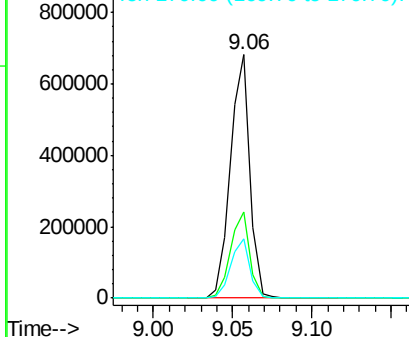


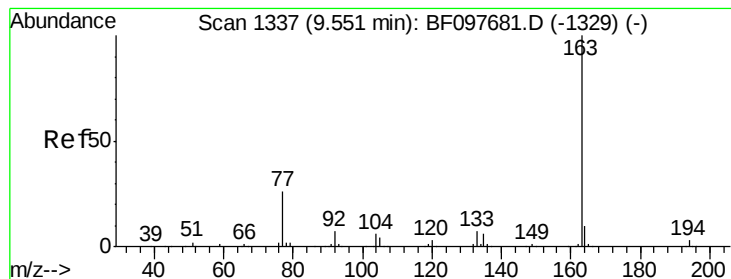
#44
 2-Fluorobiphenyl
 Concen: 59.84 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098285.D
 Acq: 6 Sep 2017 21:06

Tgt Ion:172 Resp: 580284
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.2 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: 2.26 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-A

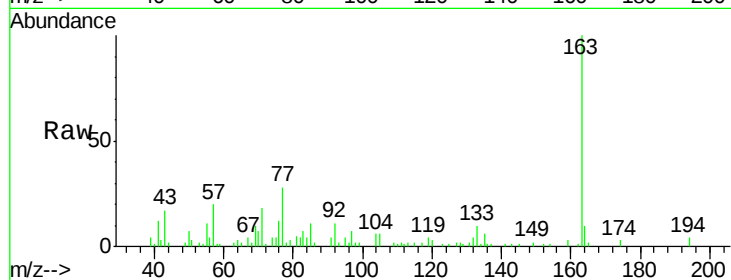
Tot Ion:163 Resp: 23494

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

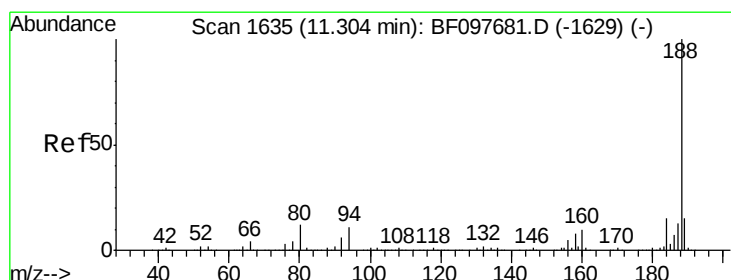
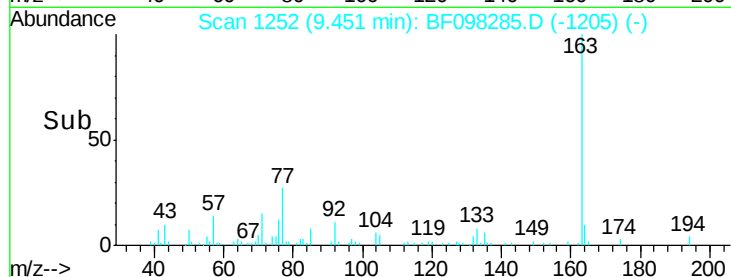
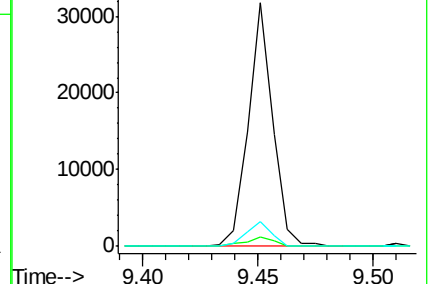
164 10.4 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

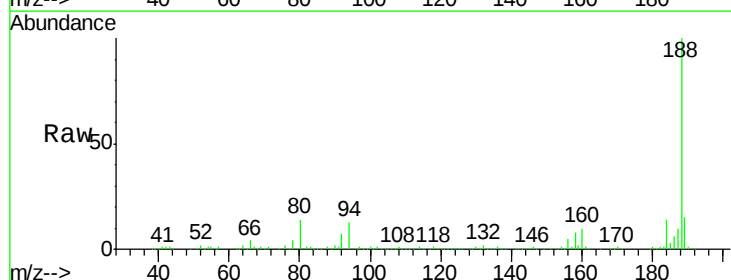
Tgt Ion:188 Resp: 239887

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

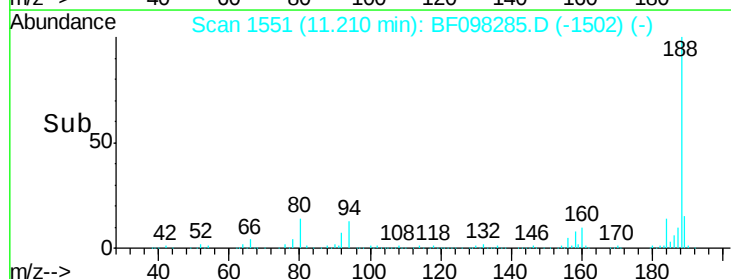
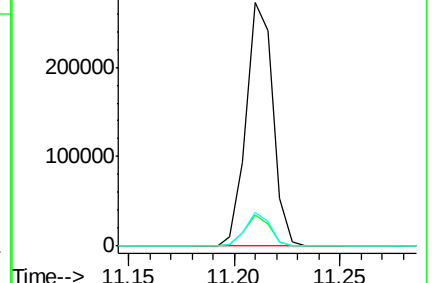
80 13.7 10.2 15.2

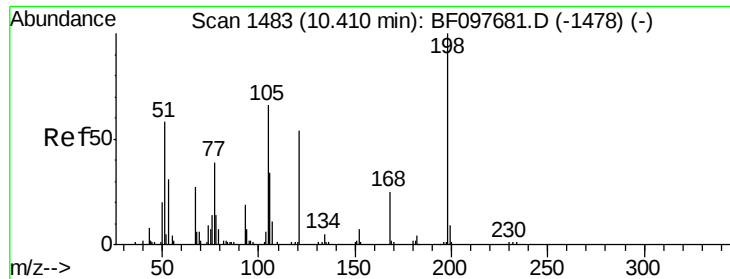


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

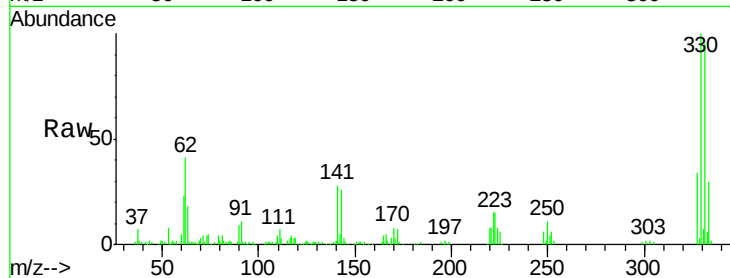




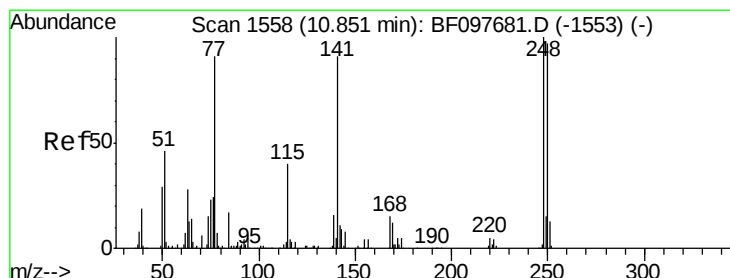
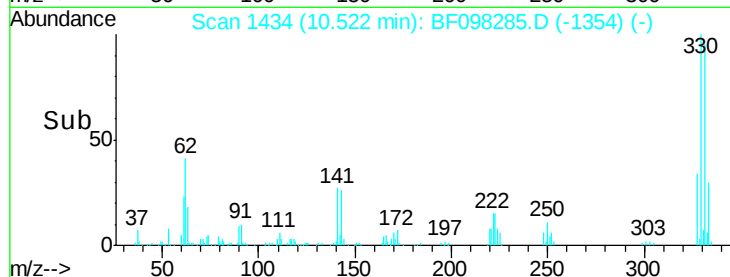
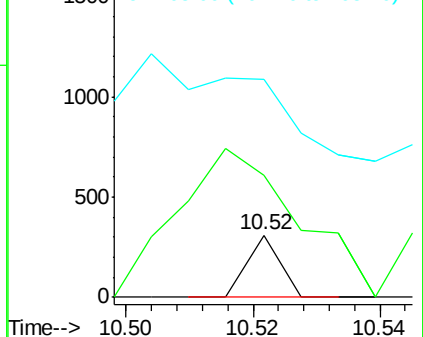
#64
4,6-Dinitro-2-methylphenol
Concen: 8.40 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.17 min
Lab File: BF098285.D
Acq: 6 Sep 2017 21:06

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-A

Tot Ion:198 Resp: 110
Ion Ratio Lower Upper
198 100
51 195.5 53.2 93.2#
105 349.2 45.8 85.8#

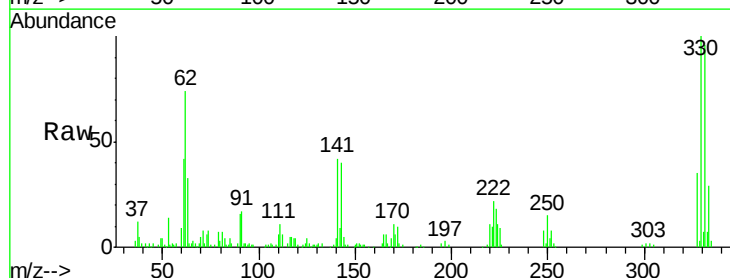


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

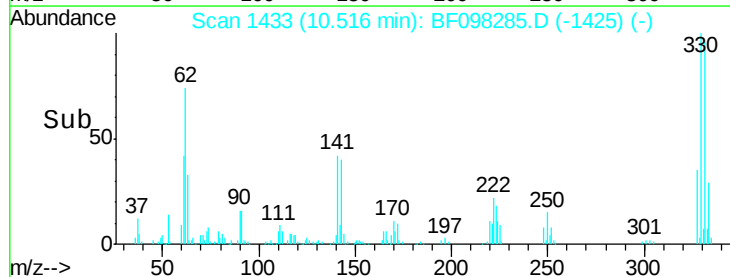
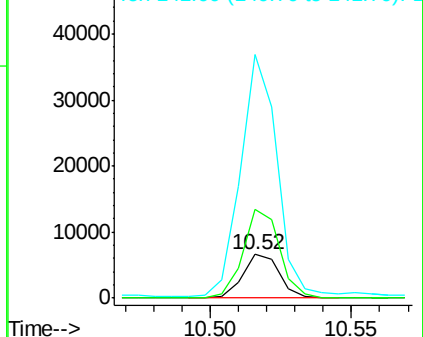


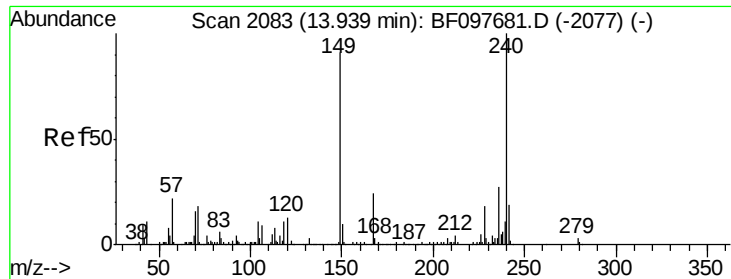
#66
4-Bromophenyl-phenylether
Concen: 2.42 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098285.D
Acq: 6 Sep 2017 21:06

Tgt Ion:248 Resp: 6036
Ion Ratio Lower Upper
248 100
250 204.1 76.8 115.2#
141 556.7 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

Instrument :

BNA_F

ClientSampleId :

AU-06-090117-A

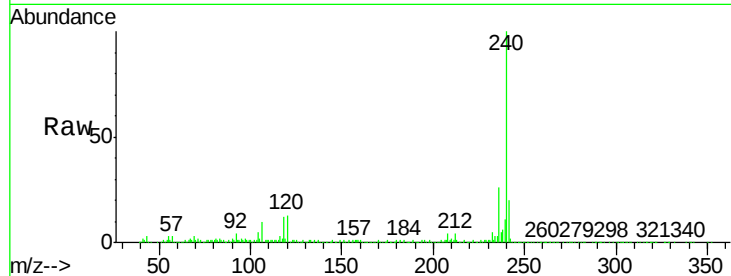
Tot Ion:240 Resp: 253365

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

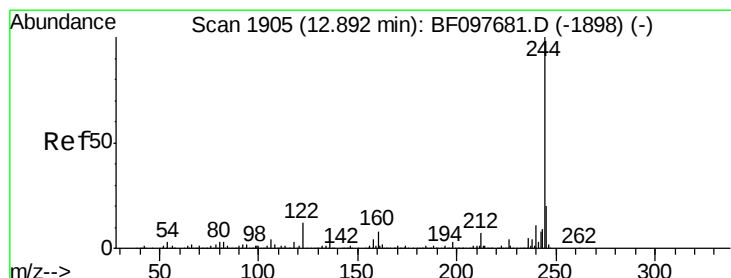
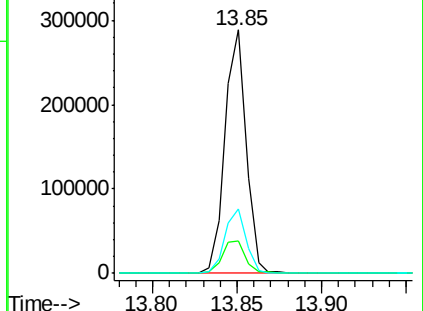
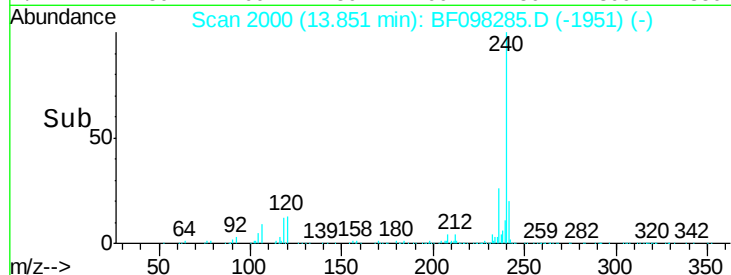
236 26.3 20.5 30.7



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: 36.12 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF098285.D

Acq: 6 Sep 2017 21:06

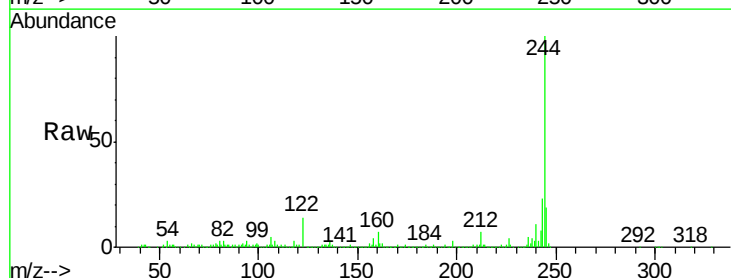
Tgt Ion:244 Resp: 438829

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

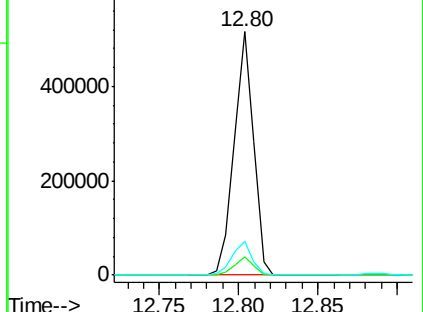
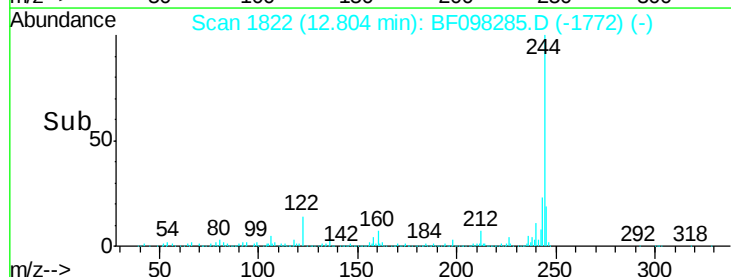
122 14.0 10.3 15.5

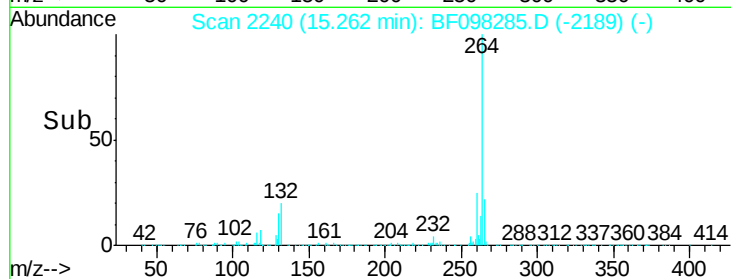
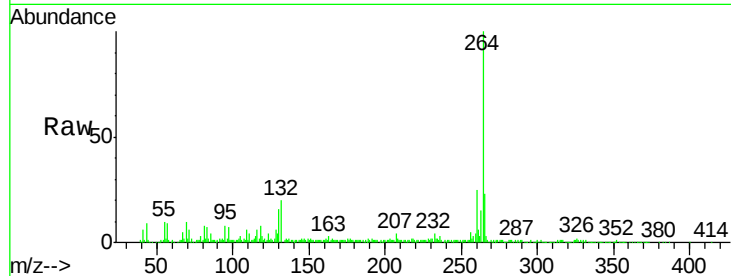
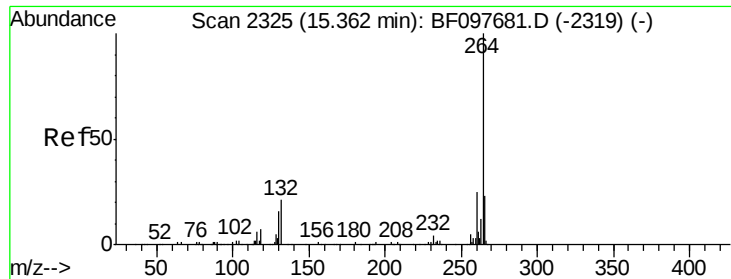


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BF098285.D
 Acq: 6 Sep 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090117-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.8	17.2	25.8

