

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088943.D
 Acq On : 13 Jul 2016 4:23
 Operator : UM/SJ
 Sample : H3987-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-WALL-E-070816

Quant Time: Jul 13 06:52:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

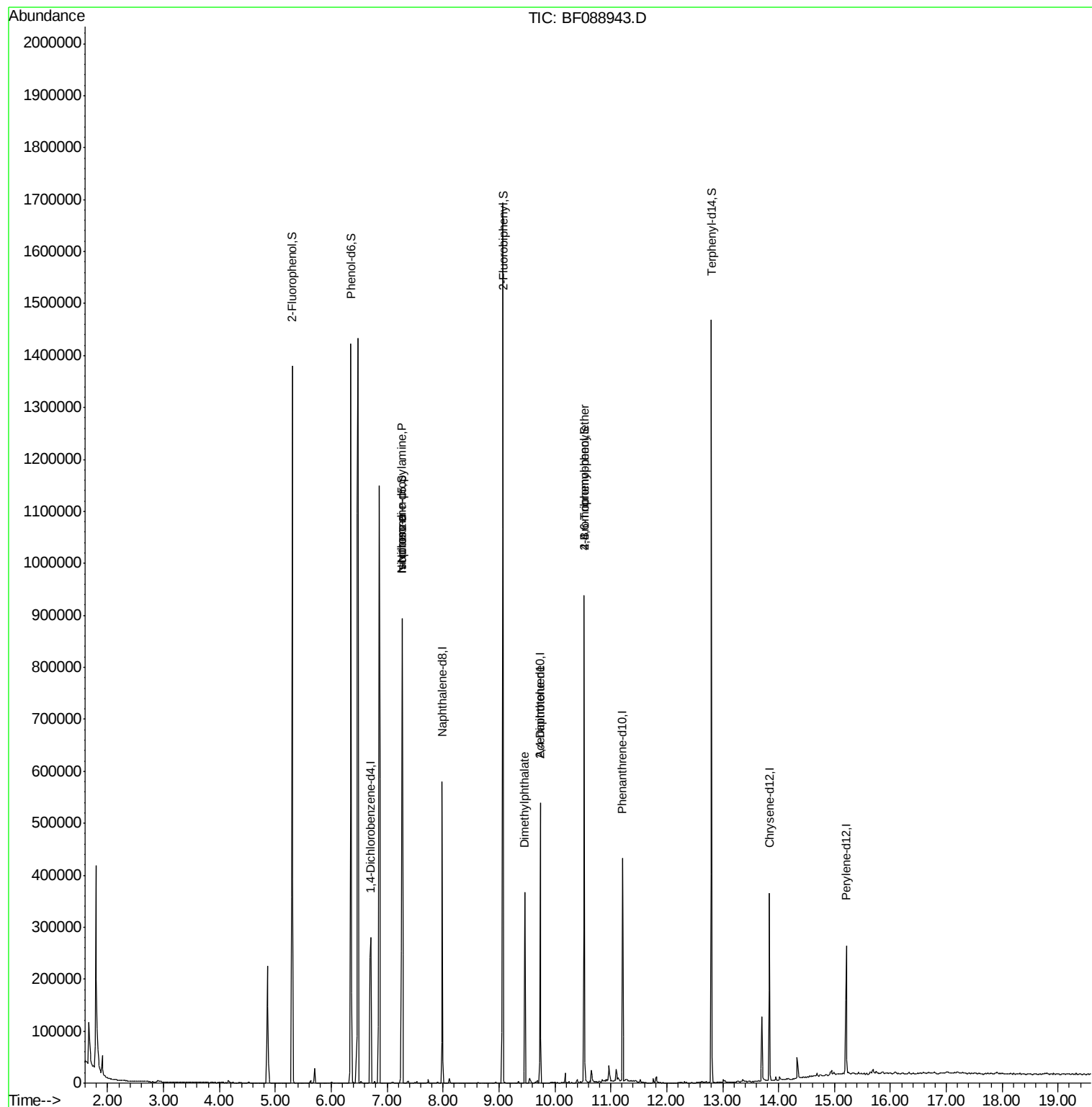
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	58891	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	236034	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	96286	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	142954	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	133817	20.00	ng	-0.01
86) Perylene-d12	15.21	264	107602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	423263	107.72	ng	0.01
7) Phenol-d6	6.35	99	528315	104.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	340503	75.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	99711	111.52	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	673755	110.53	ng	0.00
78) Terphenyl-d14	12.80	244	413638	68.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	45304	13.28	ng	# 75
25) Isophorone	7.27	82	275488	33.02	ng	# 65
49) Dimethylphthalate	9.46	163	127315	18.56	ng	99
56) 2,4-Dinitrotoluene	9.74	165	12553	6.32	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	7434	5.16	ng	# 1

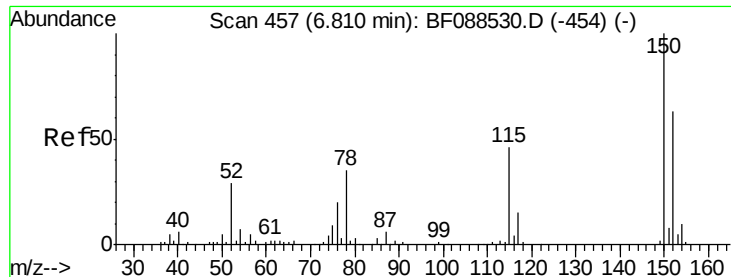
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
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QLast Update : Mon Jul 11 18:13:32 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-E-070816

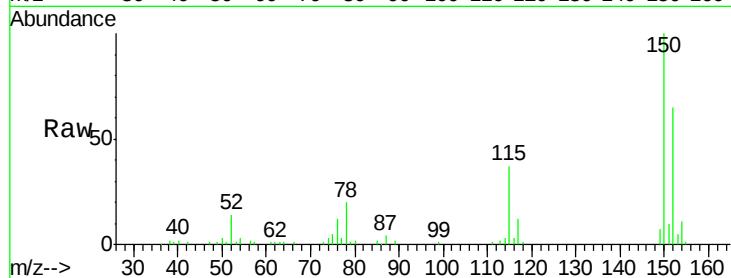
Tgt Ion:152 Resp: 58891

Ion Ratio Lower Upper

152 100

150 153.8 123.8 185.6

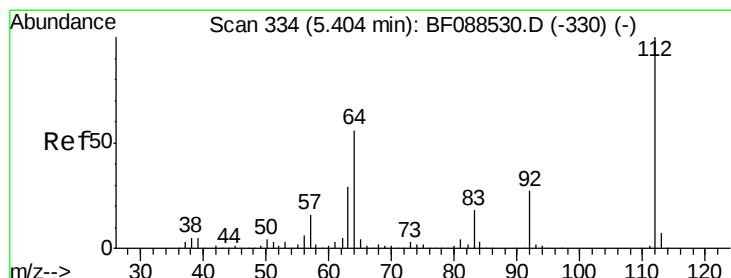
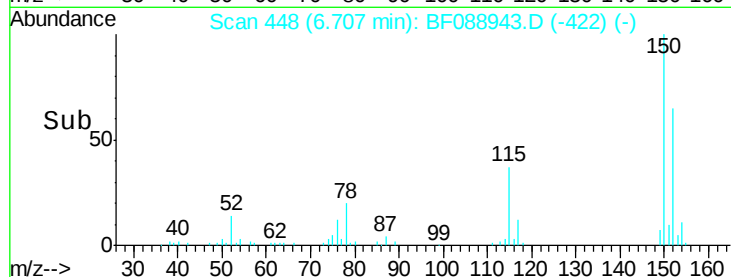
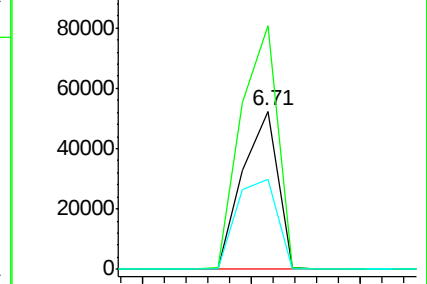
115 57.2 39.6 59.4



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: 107.72 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

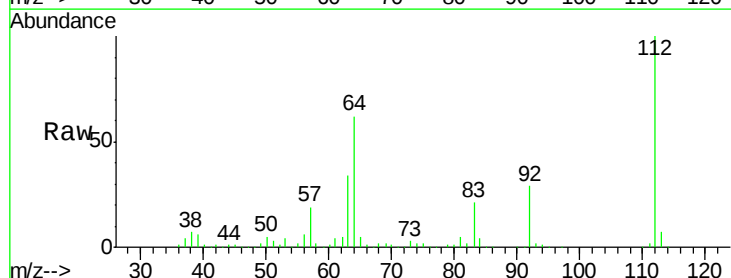
Tgt Ion:112 Resp: 423263

Ion Ratio Lower Upper

112 100

64 61.9 42.2 63.2

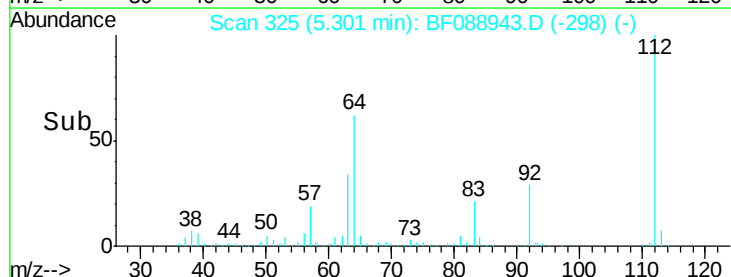
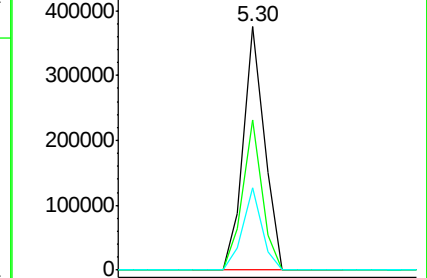
63 33.9 21.8 32.8#

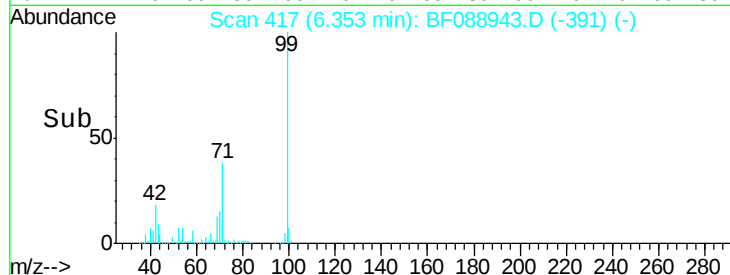
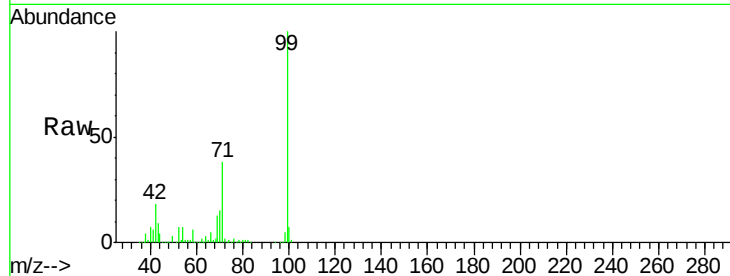


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.05 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-E-070816

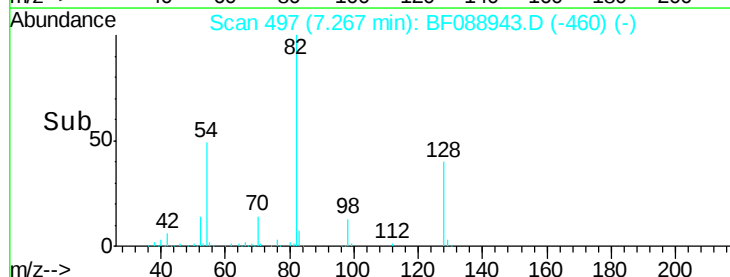
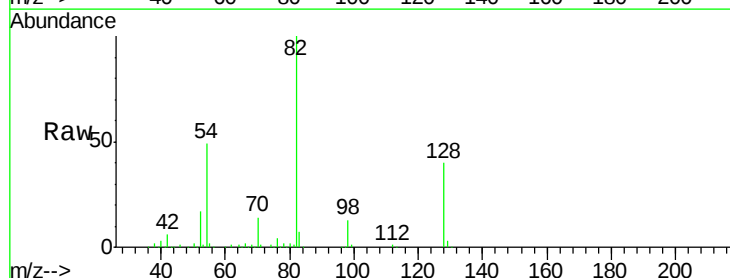
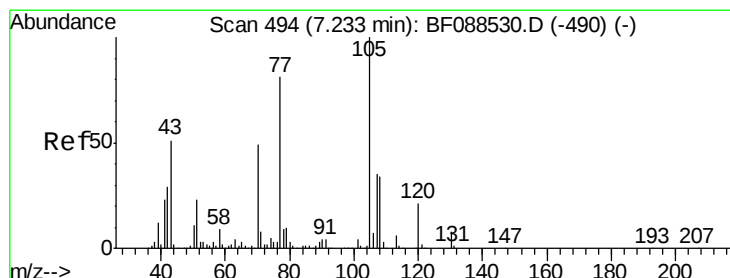
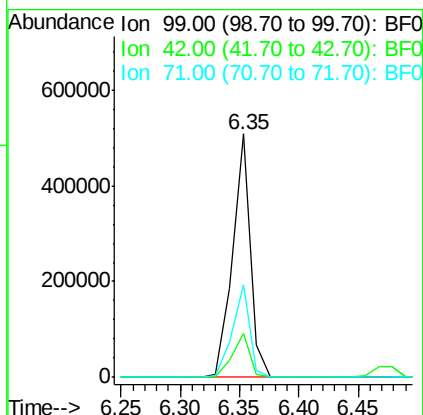
Tgt Ion: 99 Resp: 528315

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 37.9 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.28 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

Tgt Ion: 70 Resp: 45304

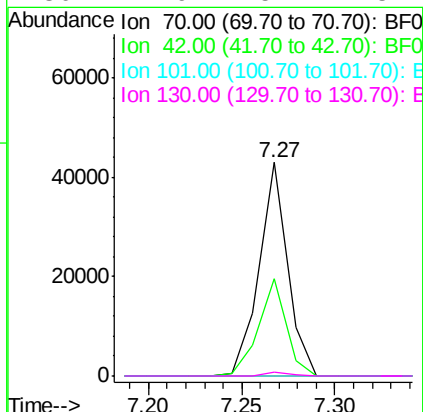
Ion Ratio Lower Upper

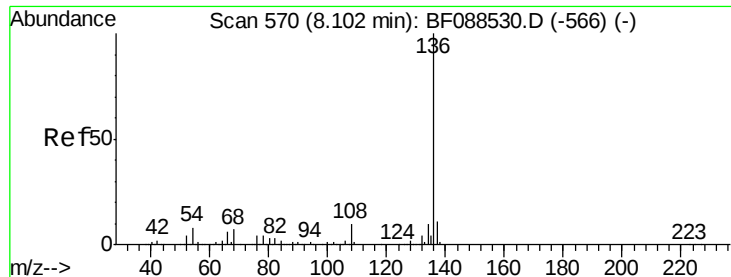
70 100

42 45.6 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-E-070816

Tgt Ion:136 Resp: 236034

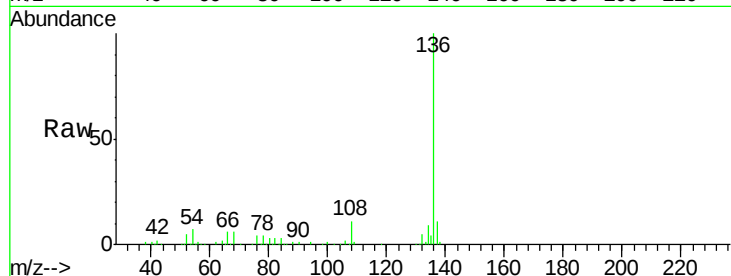
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 6.6 10.0

68 6.1 5.1 7.7

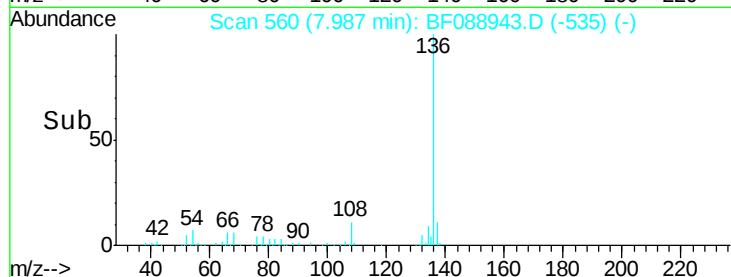


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

400000

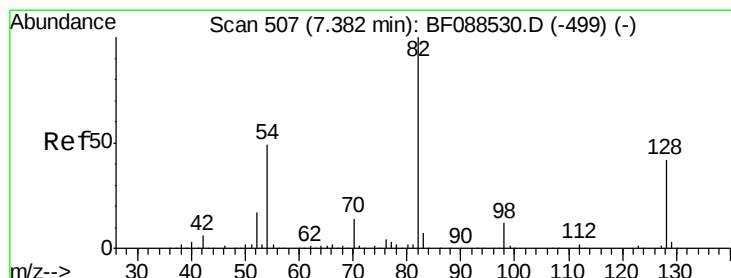
300000

200000

100000

0

Time--> 7.90 7.95 8.00 8.05



#23

Nitrobenzene-d5

Concen: 75.60 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

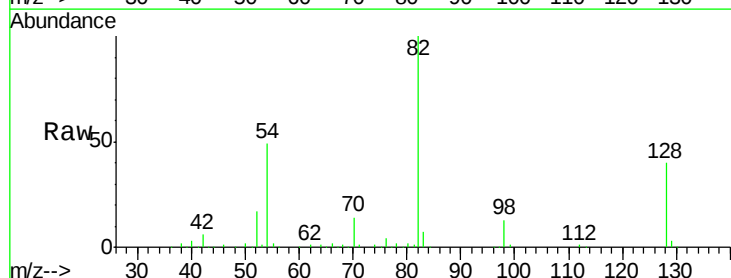
Tgt Ion: 82 Resp: 340503

Ion Ratio Lower Upper

82 100

128 40.0 35.9 53.9

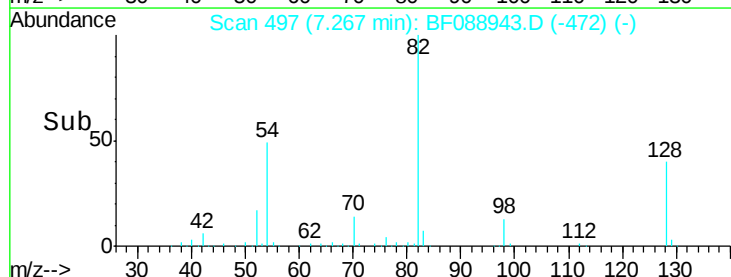
54 49.2 40.9 61.3



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



Abundance

400000

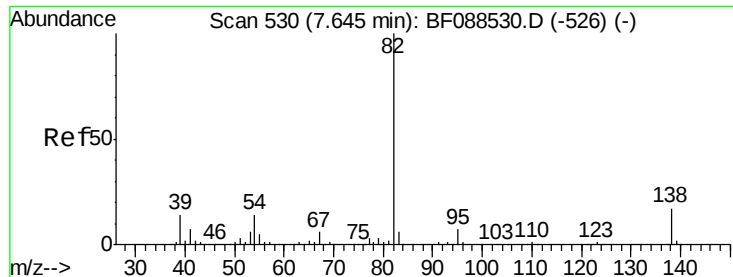
300000

200000

100000

0

Time--> 7.20 7.25 7.30 7.35



#25

Isophorone

Concen: 33.02 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-E-070816

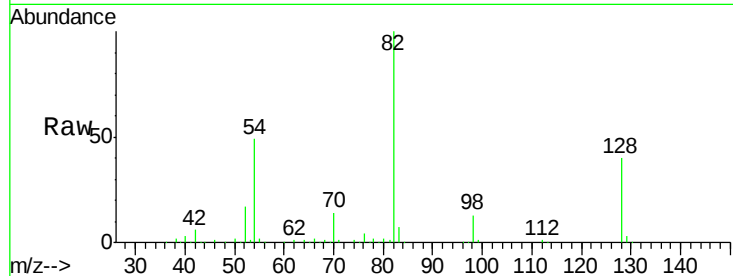
Tgt Ion: 82 Resp: 275488

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

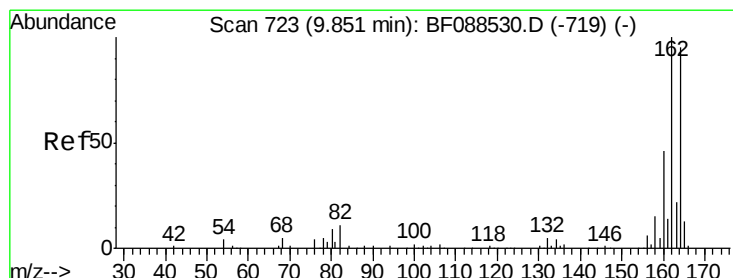
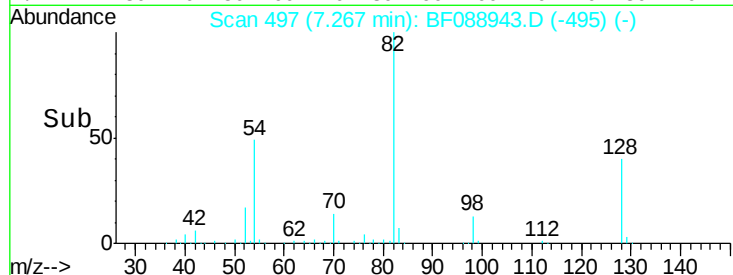
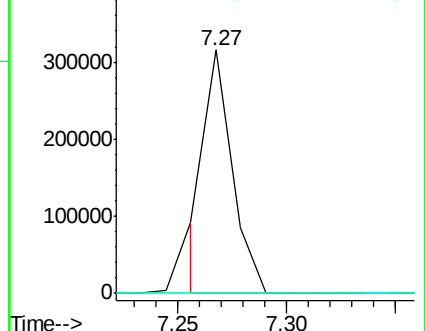
138 0.0 14.6 21.8#



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: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

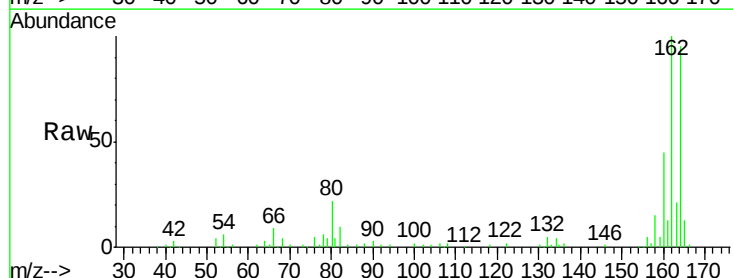
Tgt Ion: 164 Resp: 96286

Ion Ratio Lower Upper

164 100

162 105.2 85.4 128.2

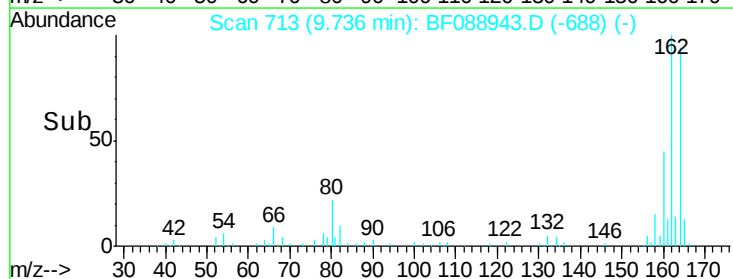
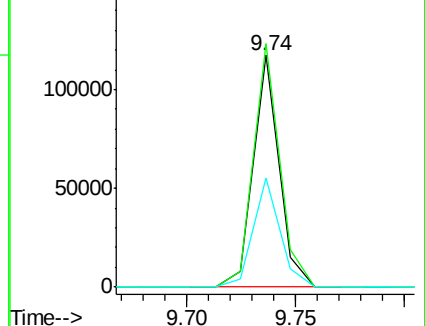
160 47.1 39.5 59.3

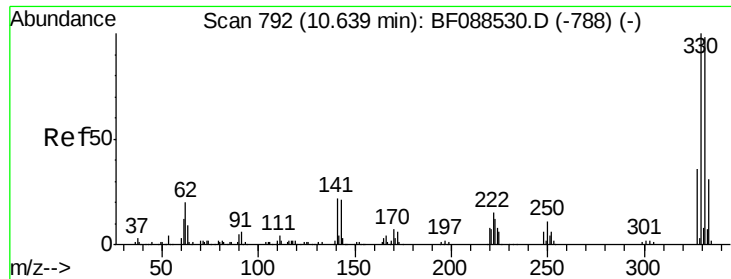


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

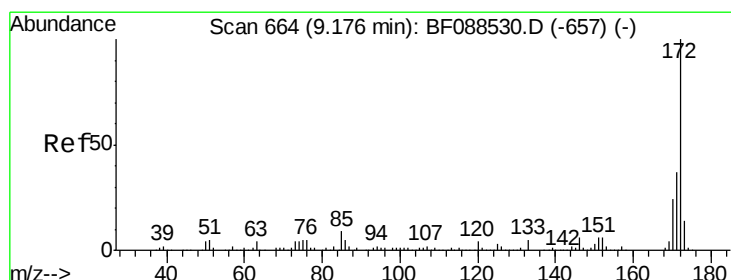
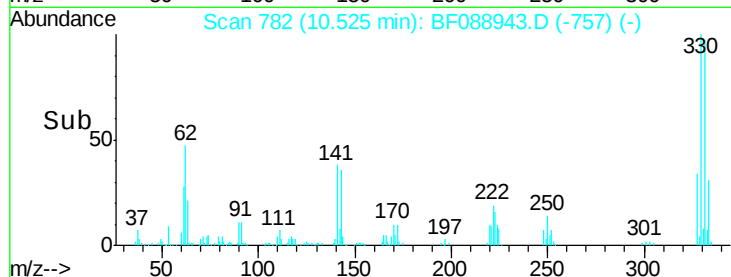
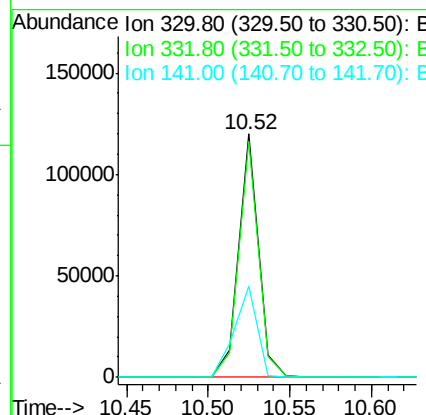
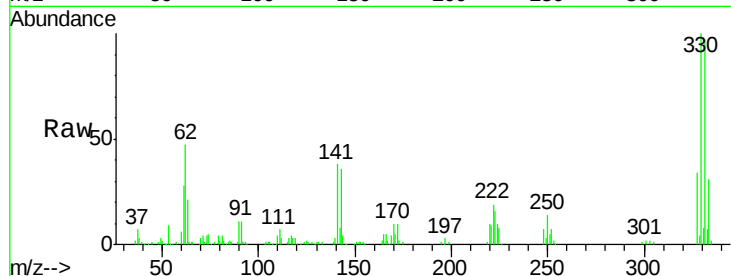




#41
 2,4,6-Tribromophenol
 Concen: 111.52 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088943.D
 Acq: 13 Jul 2016 4:23

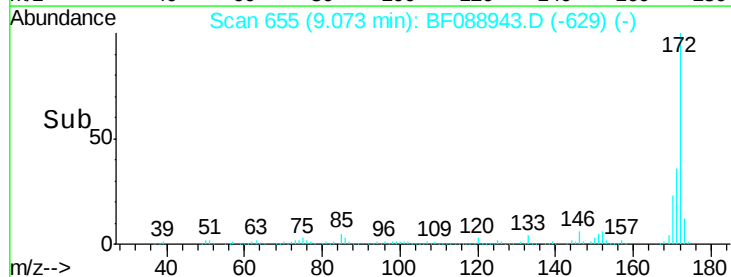
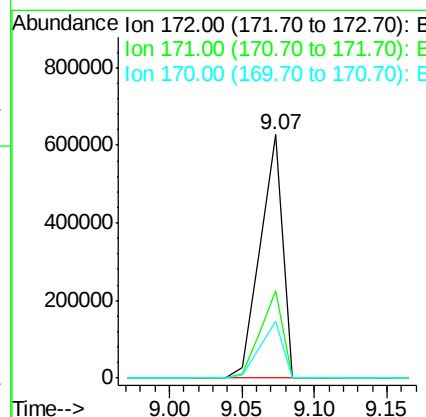
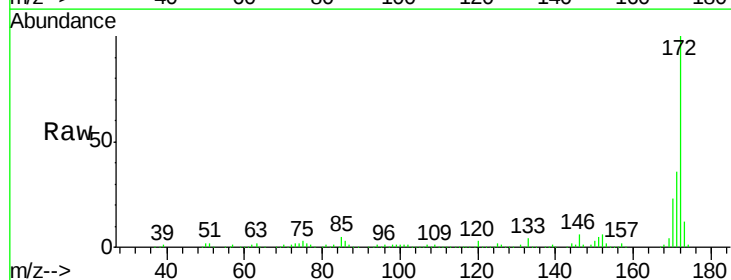
Instrument :
 BNA_F
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 COMP-WALL-E-070816

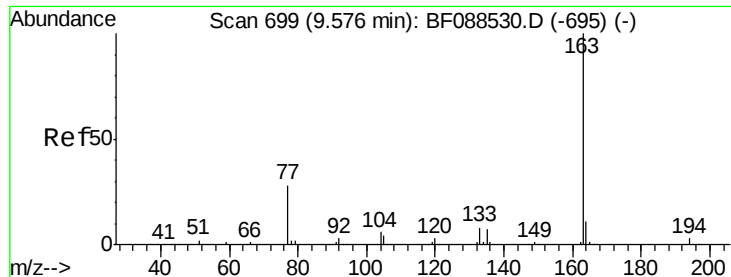
Tgt Ion:330 Resp: 99711
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 43.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 110.53 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088943.D
 Acq: 13 Jul 2016 4:23

Tgt Ion:172 Resp: 673755
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.5 19.2 28.8





#49

Dimethylphthalate

Concen: 18.56 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-E-070816

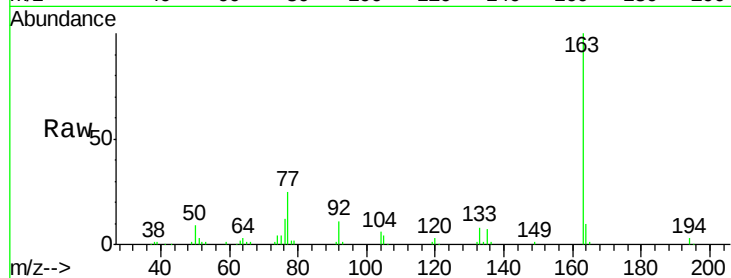
Tgt Ion:163 Resp: 127315

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

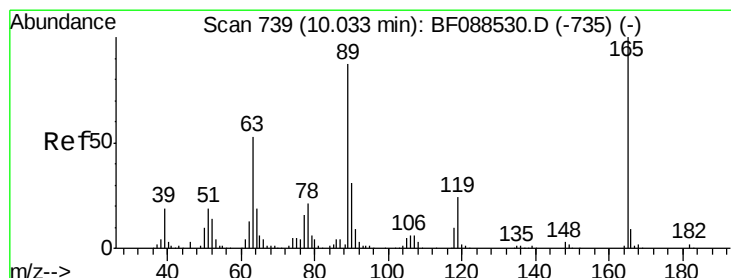
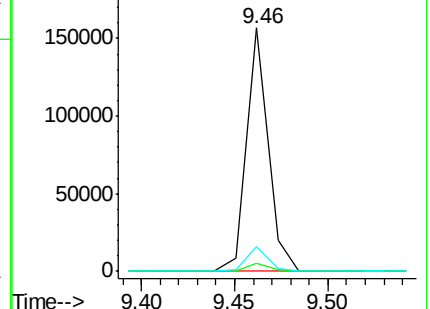
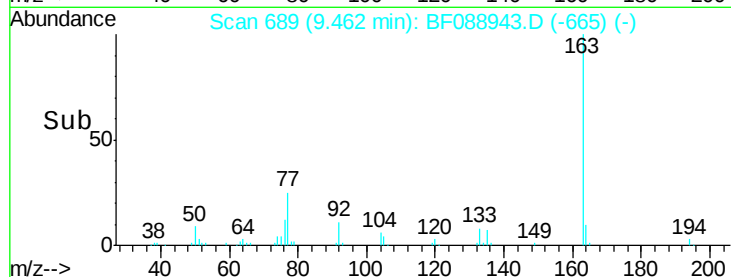
164 10.1 8.3 12.5



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: 6.32 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

Tgt Ion:165 Resp: 12553

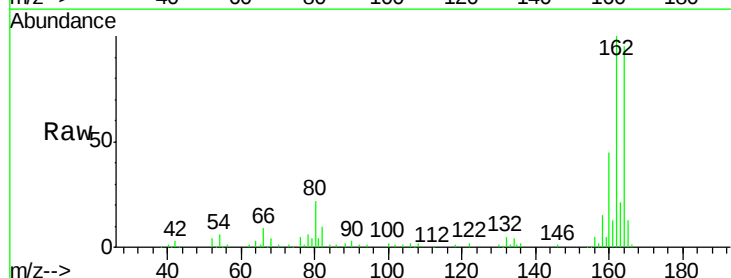
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

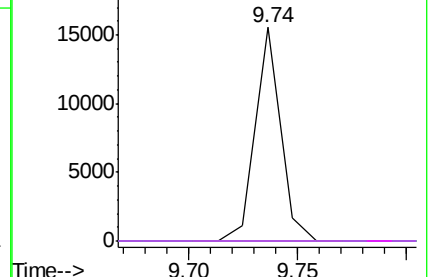
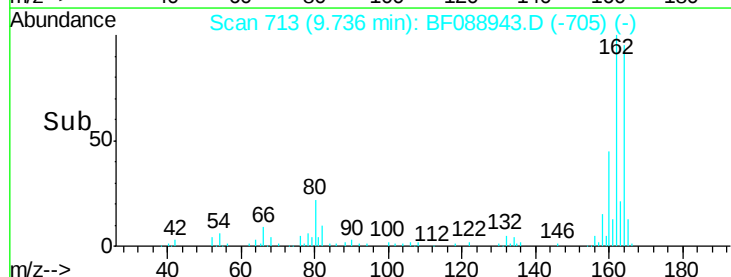


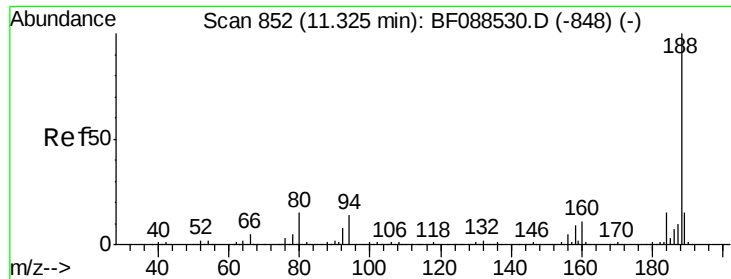
Abundance Ion 165.00 (164.70 to 165.70): E

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

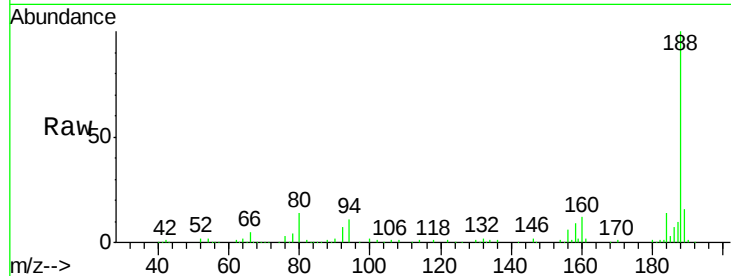




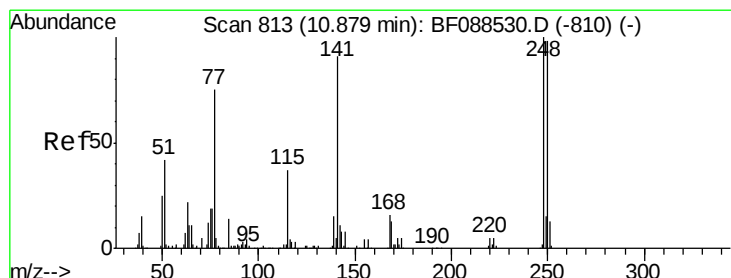
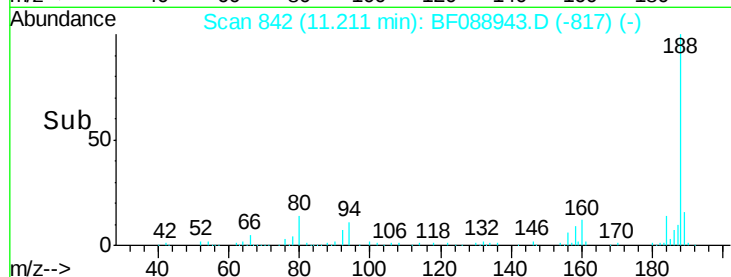
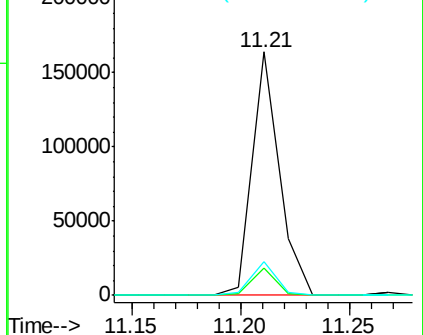
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088943.D
Acq: 13 Jul 2016 4:23

Instrument :
BNA_F
ClientSampleId :
COMP-WALL-E-070816

Tgt Ion:188 Resp: 142954
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 13.7 10.0 15.0

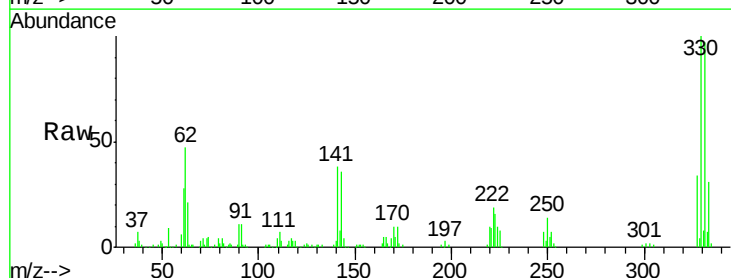


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

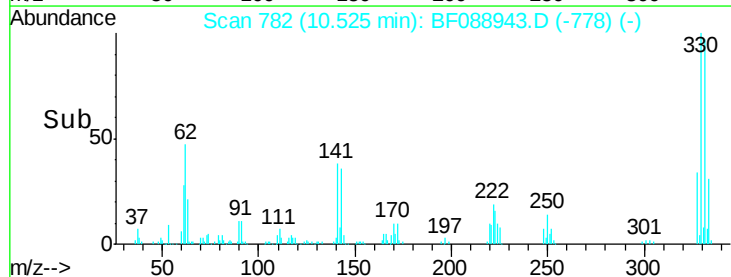
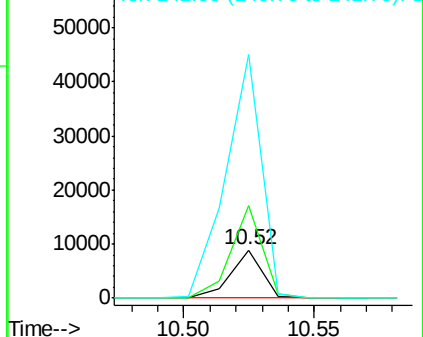


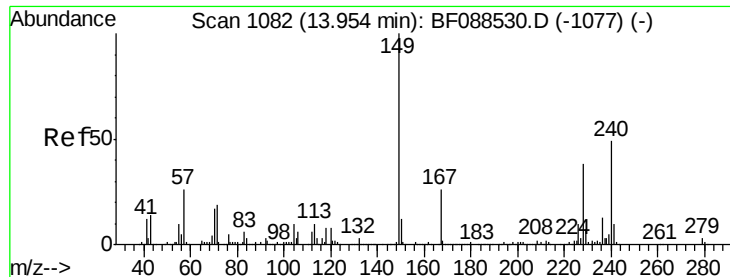
#66
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088943.D
Acq: 13 Jul 2016 4:23

Tgt Ion:248 Resp: 7434
Ion Ratio Lower Upper
248 100
250 192.3 77.1 115.7#
141 509.0 50.6 76.0#



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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-E-070816

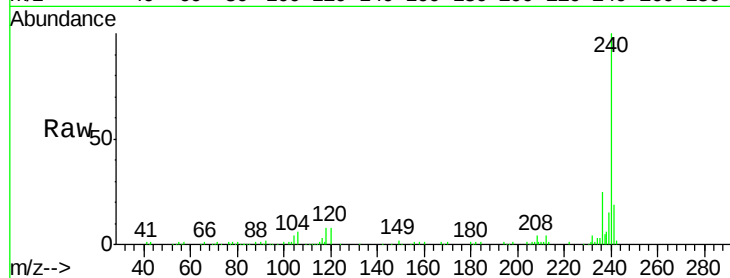
Tgt Ion:240 Resp: 133817

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

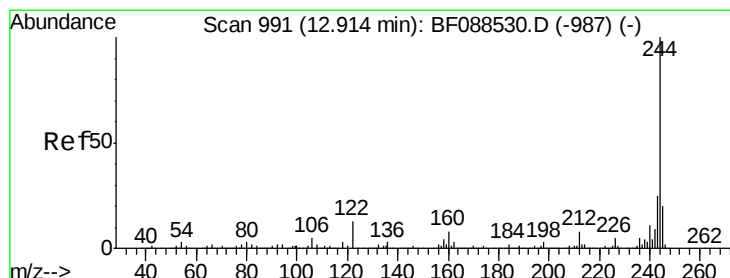
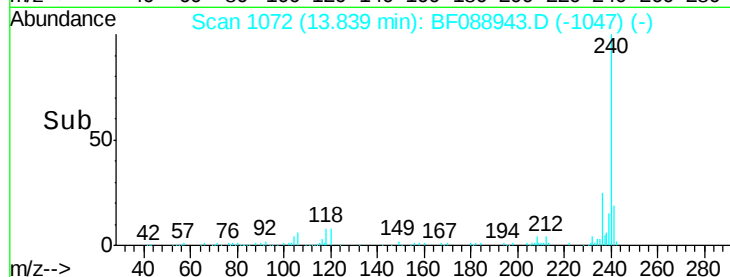
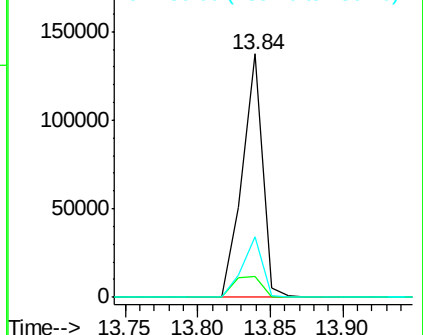
236 24.8 20.2 30.2



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: 68.85 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088943.D

Acq: 13 Jul 2016 4:23

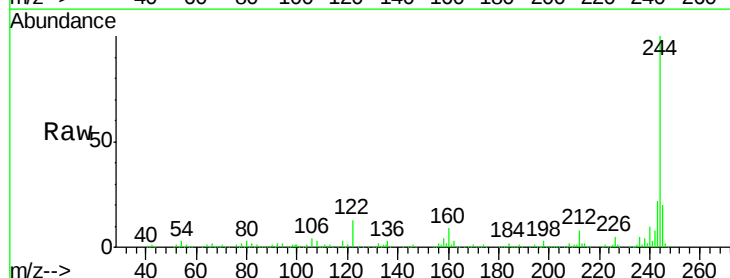
Tgt Ion:244 Resp: 413638

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

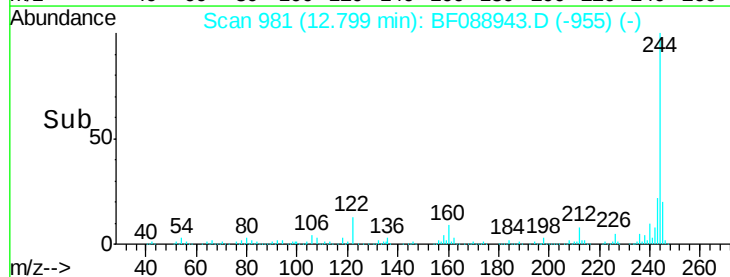
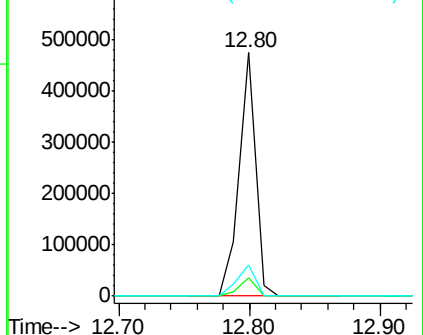
122 12.6 11.2 16.8

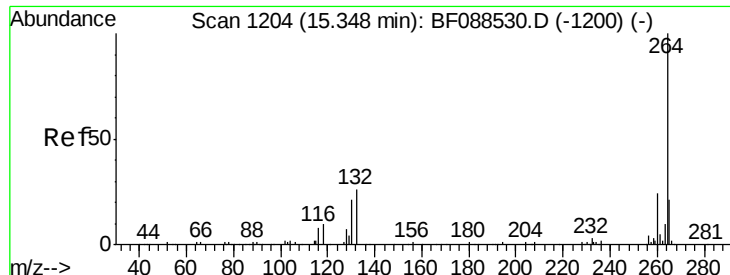


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

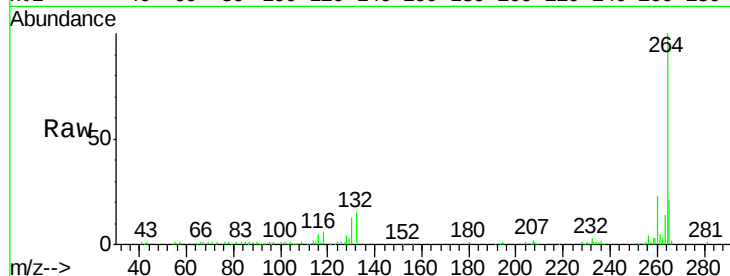




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088943.D
Acq: 13 Jul 2016 4:23

Instrument :
BNA_F
ClientSampleId :
COMP-WALL-E-070816

Tgt Ion: 264 Resp: 107602
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.4 16.9 25.3



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

