

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089750.D
 Acq On : 17 Aug 2016 8:01
 Operator : UM/SJ
 Sample : H4429-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11

Quant Time: Aug 17 08:24:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

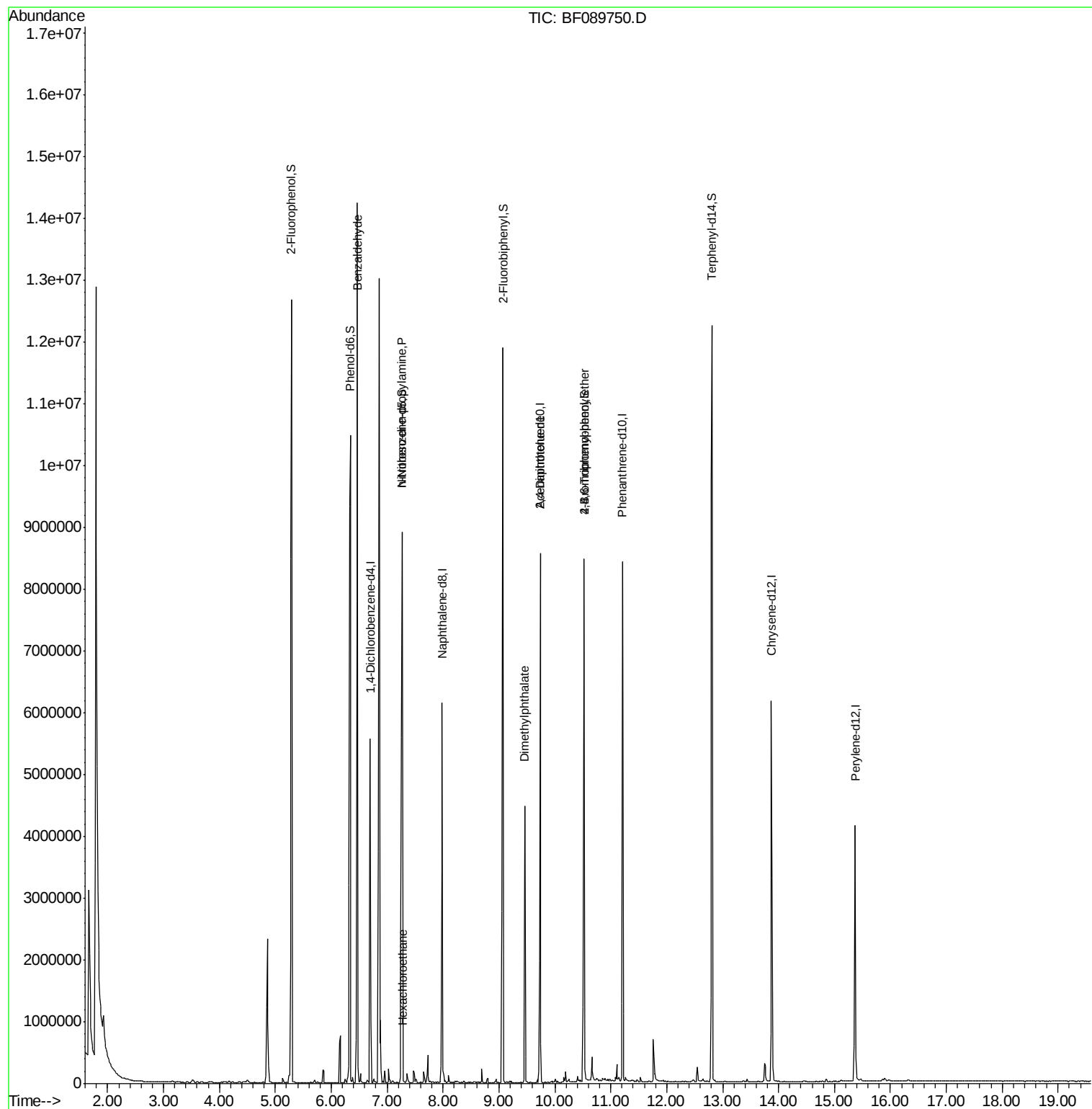
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	809513	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3381604	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1655232	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2825832	20.00	ng	0.00
75) Chrysene-d12	13.87	240	2488919	20.00	ng	-0.02
86) Perylene-d12	15.37	264	2218342	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	4679661	96.45	ng	0.01
7) Phenol-d6	6.34	99	6153233	99.71	ng	0.01
23) Nitrobenzene-d5	7.27	82	3702617	66.86	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1475735	92.16	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6005353	58.22	ng	0.00
78) Terphenyl-d14	12.81	244	4962138	59.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	110545	2.70	ng	Qvalue 85
18) Hexachloroethane	7.28	117	87139	3.80	ng	# 7
19) n-Nitroso-di-n-propylamine	7.27	70	509691	12.61	ng	# 73
49) Dimethylphthalate	9.46	163	1690340	14.11	ng	100
56) 2,4-Dinitrotoluene	9.74	165	223273	6.41	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	92128	3.15	ng	# 1

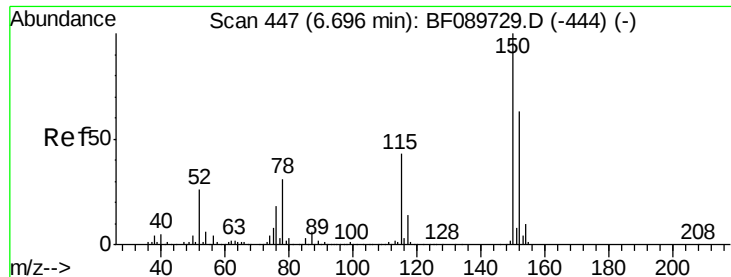
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089750.D
Acq On : 17 Aug 2016 8:01
Operator : UM/SJ
Sample : H4429-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11

Quant Time: Aug 17 08:24:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration



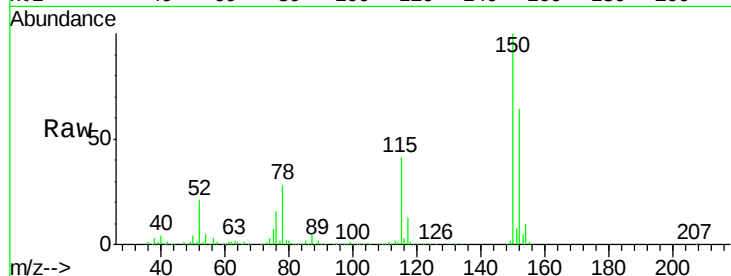


#1

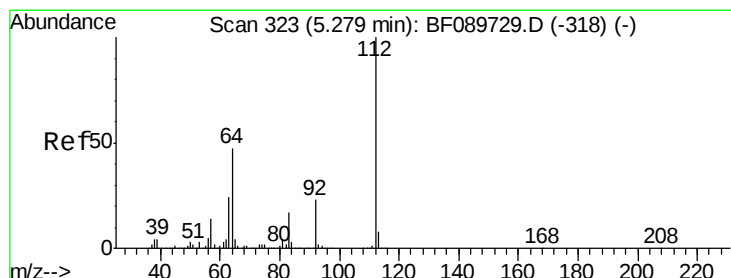
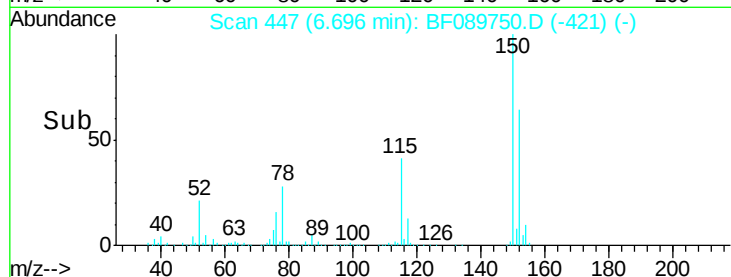
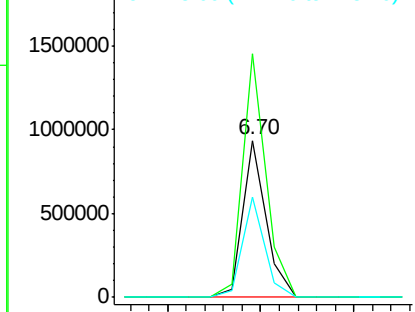
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF089750.D
Acq: 17 Aug 2016 8:01

Instrument :
BNA_F
ClientSampleId :
LOCATION-7A-9-11

Tgt Ion:152 Resp: 809513
Ion Ratio Lower Upper
152 100
150 155.1 125.3 187.9
115 63.5 40.9 61.3#



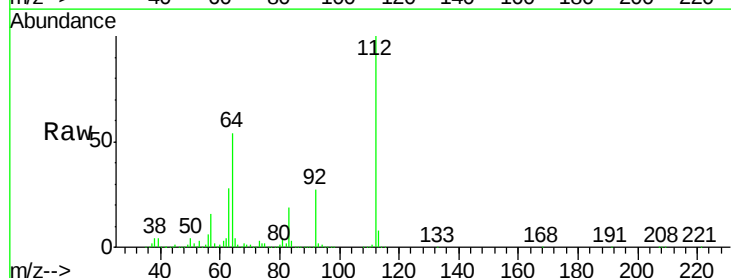
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



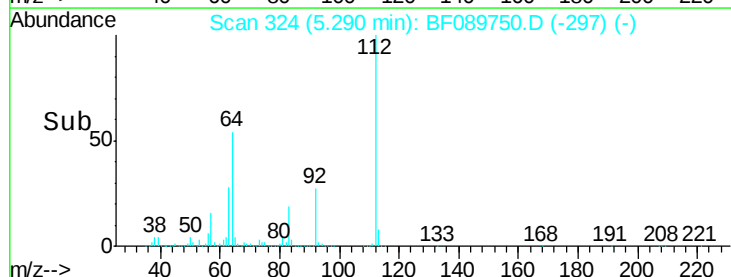
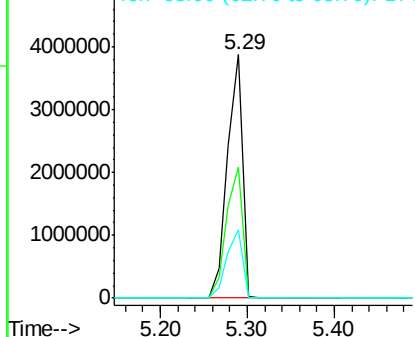
#5

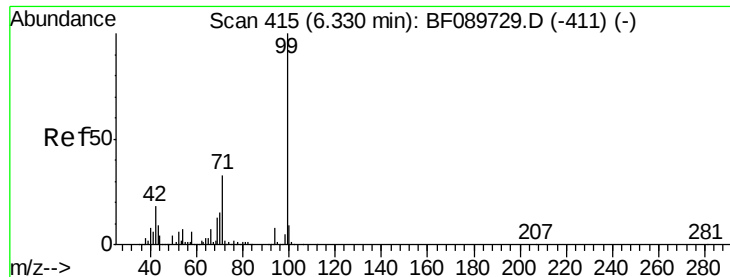
2-Fluorophenol
Concen: 96.45 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF089750.D
Acq: 17 Aug 2016 8:01

Tgt Ion:112 Resp: 4679661
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 27.8 23.1 34.7



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: 99.71 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11

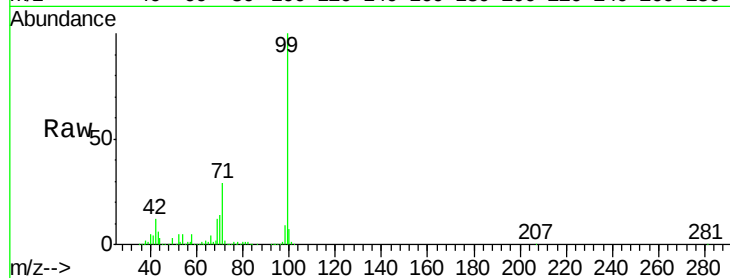
Tgt Ion: 99 Resp: 6153233

Ion Ratio Lower Upper

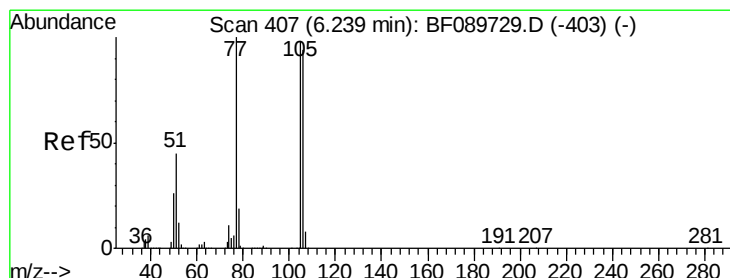
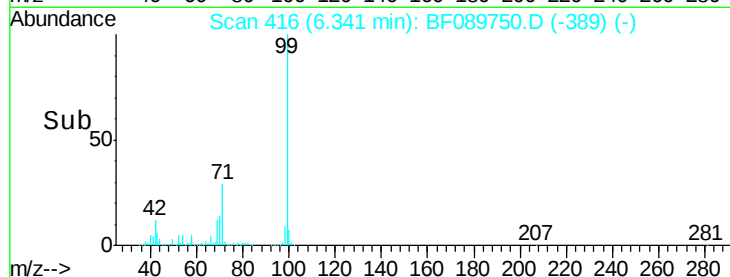
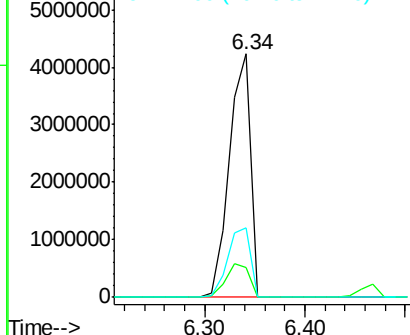
99 100

42 12.2 12.2 18.4#

71 28.6 23.8 35.8



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



#9

Benzaldehyde

Concen: 2.70 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

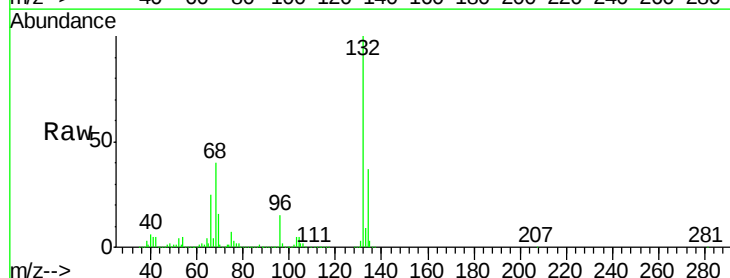
Tgt Ion: 77 Resp: 110545

Ion Ratio Lower Upper

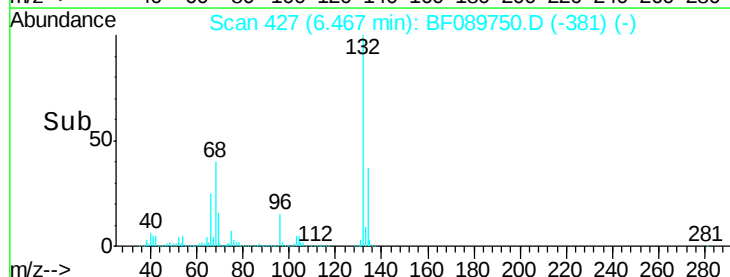
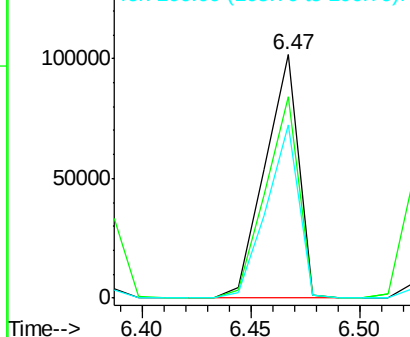
77 100

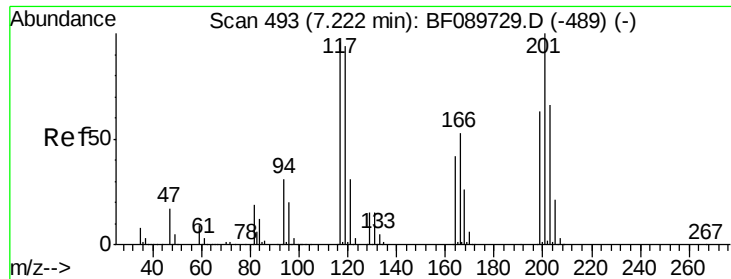
105 82.7 73.3 113.3

106 70.9 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#18

Hexachloroethane

Concen: 3.80 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.06 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11

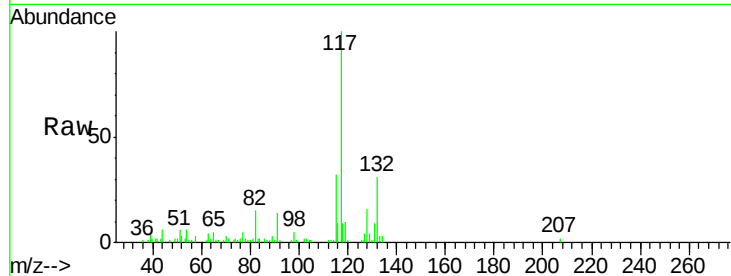
Tgt Ion: 117 Resp: 87139

Ion Ratio Lower Upper

117 100

119 9.7 77.1 115.7#

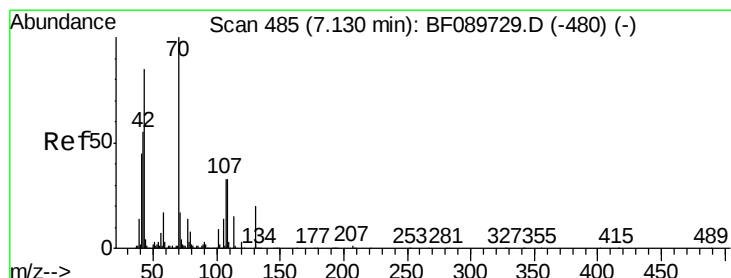
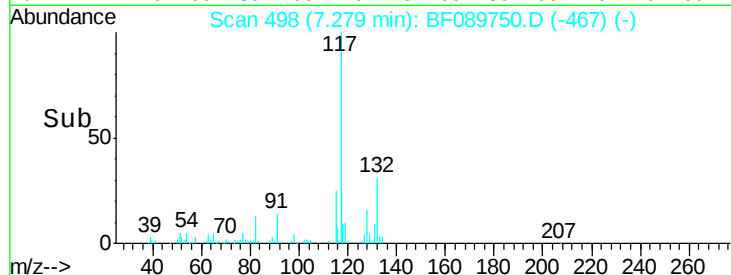
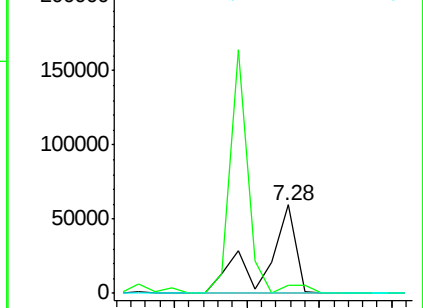
201 0.0 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 12.61 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.14 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

Tgt Ion: 70 Resp: 509691

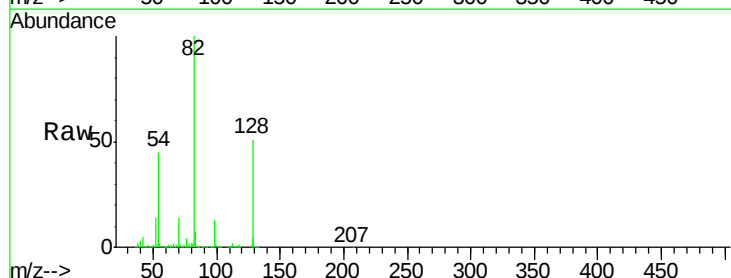
Ion Ratio Lower Upper

70 100

42 39.0 46.3 69.5#

101 0.1 7.0 10.6#

130 2.6 14.4 21.6#

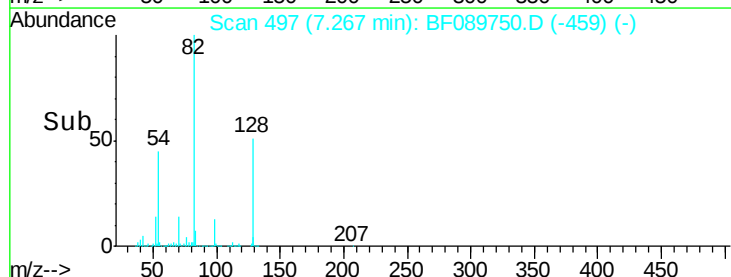
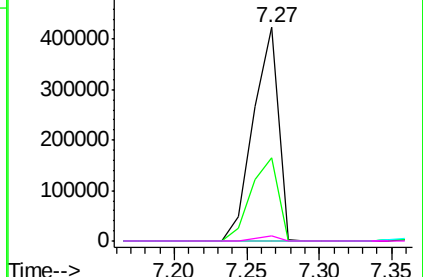


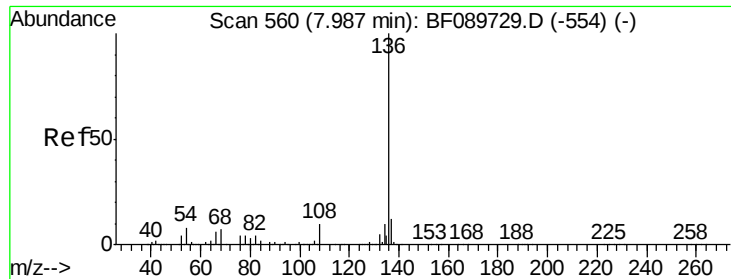
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11

Tgt Ion:136 Resp: 3381604

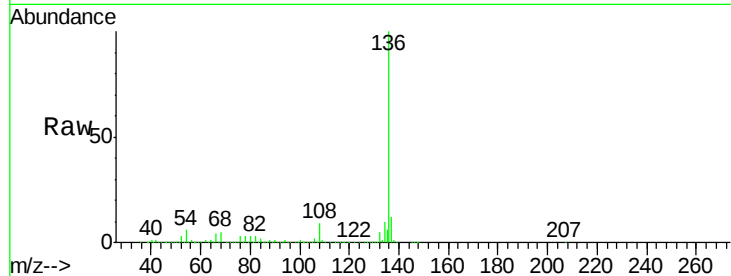
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 5.7 7.2 10.8#

68 5.1 5.8 8.8#

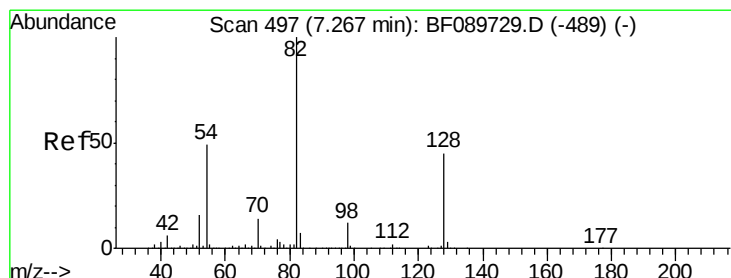
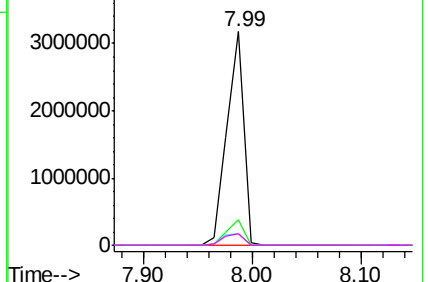
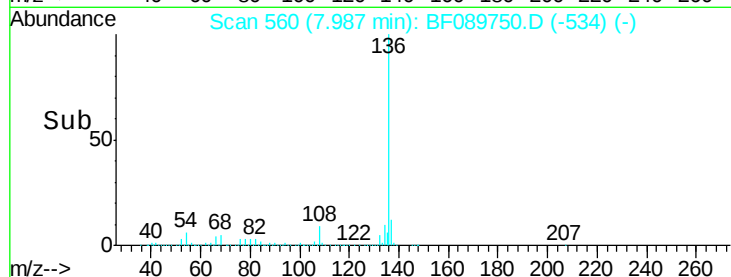


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.86 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

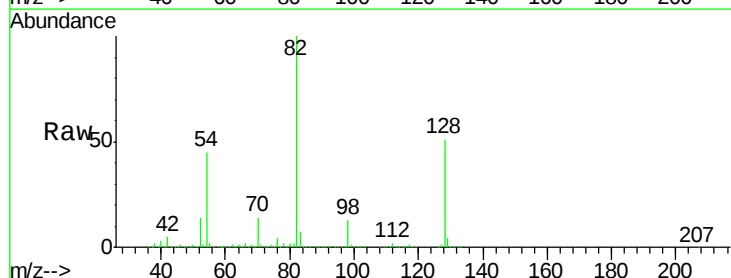
Tgt Ion: 82 Resp: 3702617

Ion Ratio Lower Upper

82 100

128 51.3 34.4 51.6

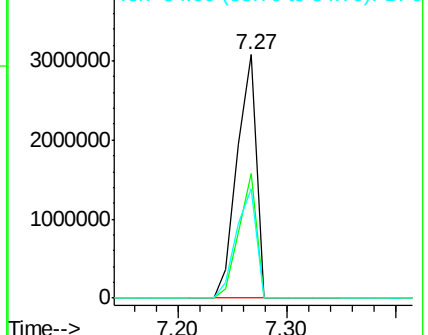
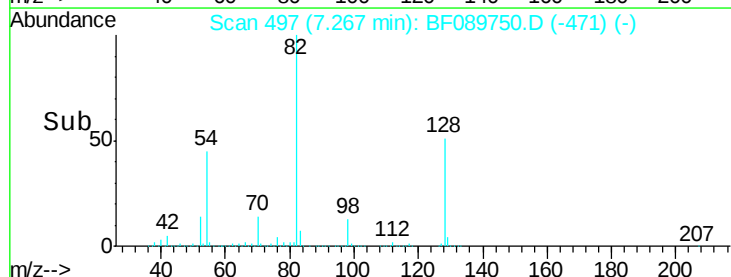
54 44.7 40.3 60.5

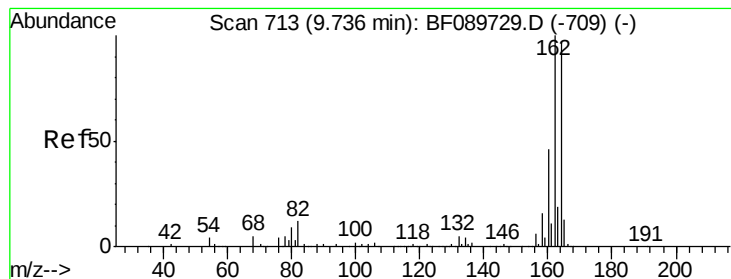


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11

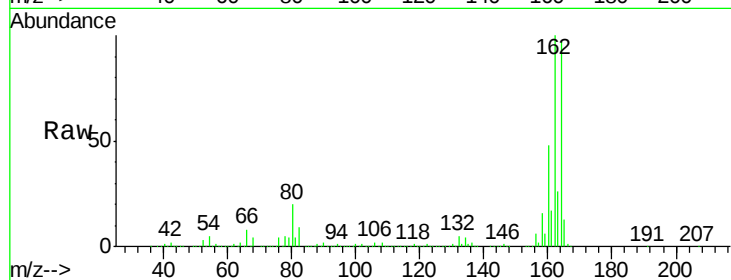
Tgt Ion:164 Resp: 1655232

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.2

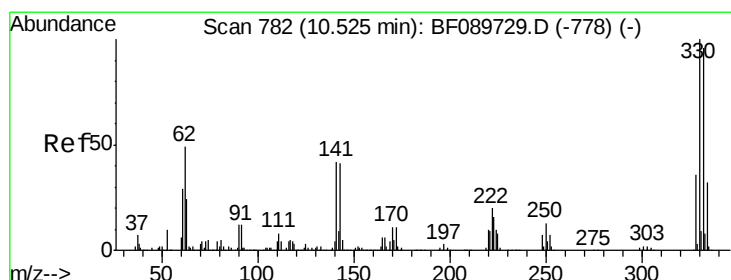
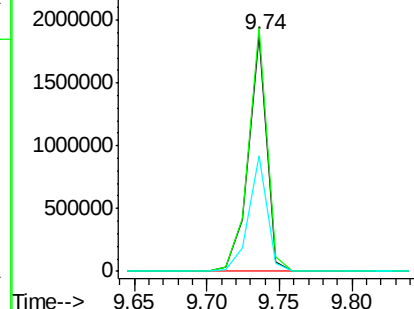
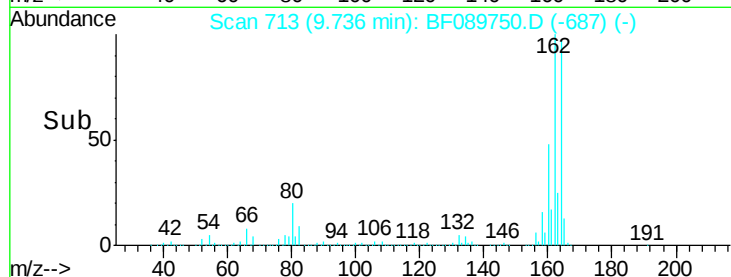
160 49.1 37.8 56.6



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: 92.16 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

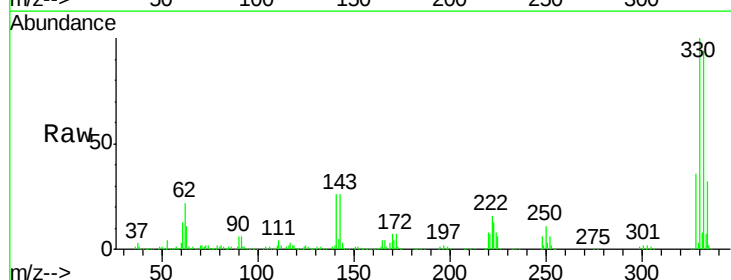
Tgt Ion:330 Resp: 1475735

Ion Ratio Lower Upper

330 100

332 95.5 76.7 115.1

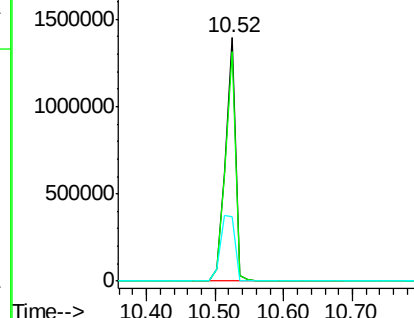
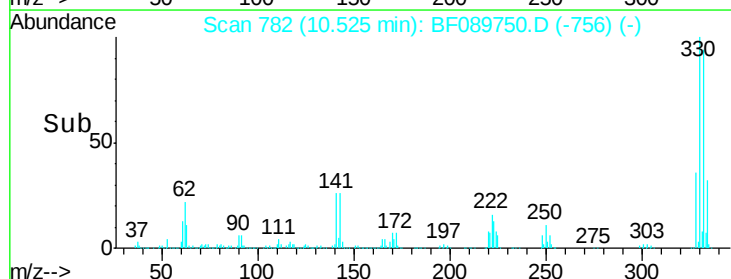
141 38.3 30.2 45.2

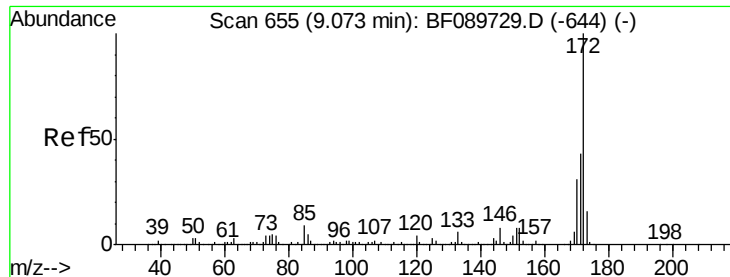


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 58.22 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11

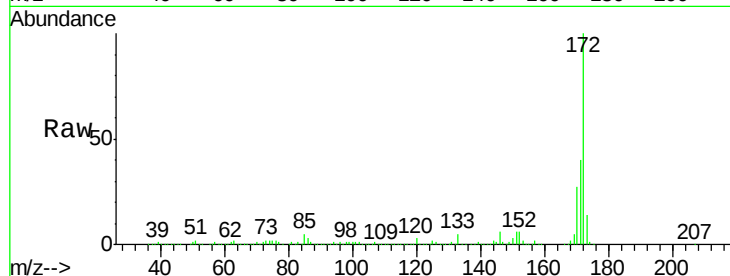
Tgt Ion:172 Resp: 6005353

Ion Ratio Lower Upper

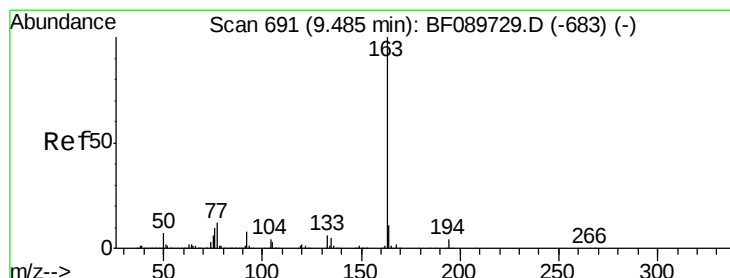
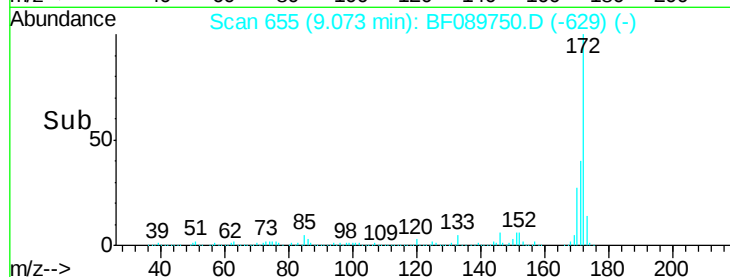
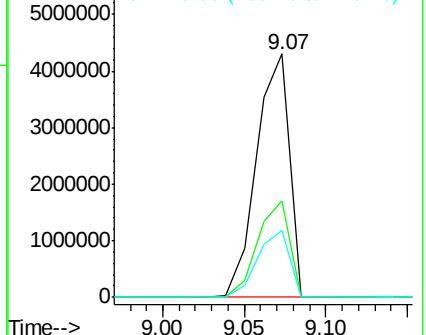
172 100

171 39.6 30.5 45.7

170 27.5 20.6 31.0



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: 14.11 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

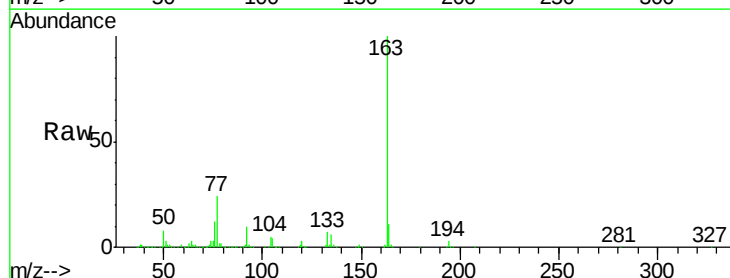
Tgt Ion:163 Resp: 1690340

Ion Ratio Lower Upper

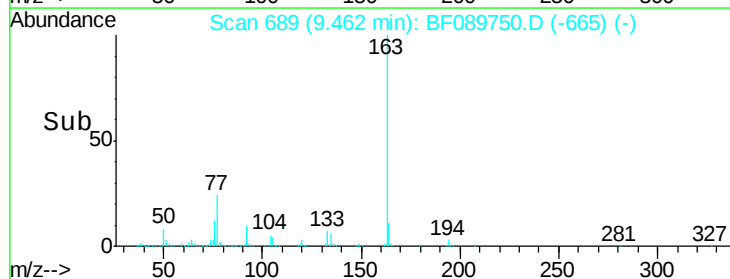
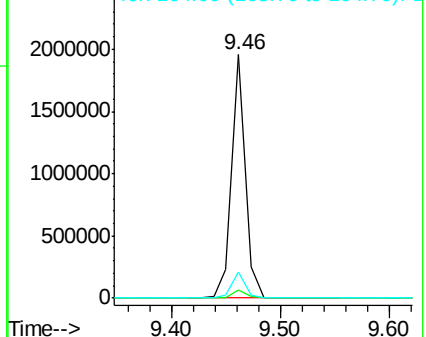
163 100

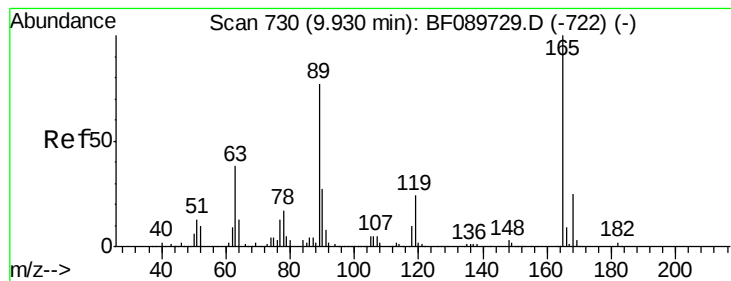
194 3.2 2.6 3.8

164 10.7 8.6 12.8



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: 6.41 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.19 min

Lab File: BF089750.D

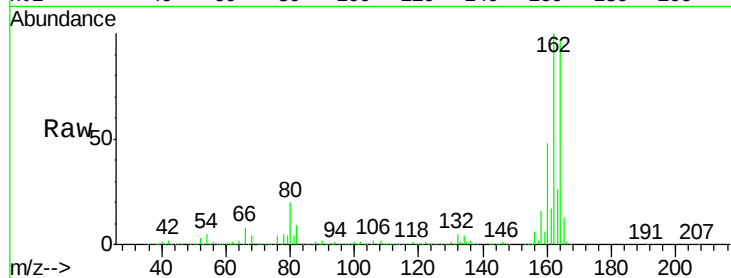
Acq: 17 Aug 2016 8:01

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11



Tgt Ion:165 Resp: 223273

Ion Ratio Lower Upper

165 100

63 1.1 23.7 35.5#

89 1.5 44.0 66.0#

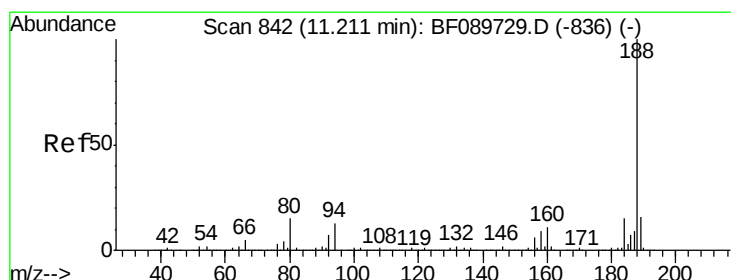
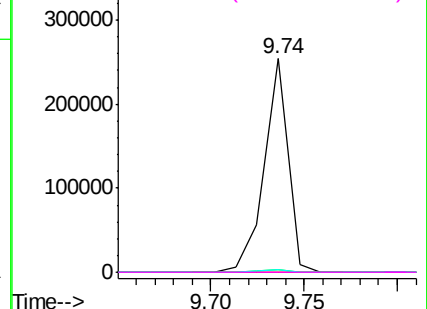
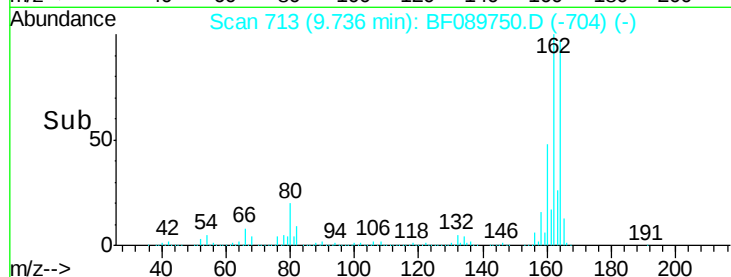
182 0.0 2.0 3.0#

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. -0.00 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

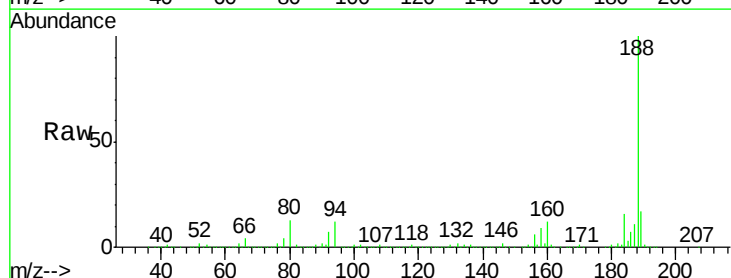
Tgt Ion:188 Resp: 2825832

Ion Ratio Lower Upper

188 100

94 12.3 10.2 15.2

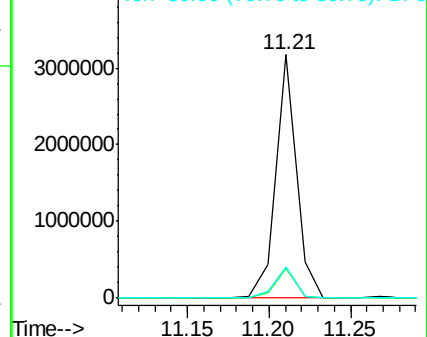
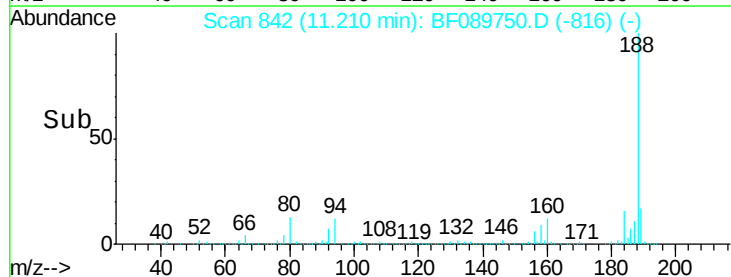
80 12.8 10.9 16.3

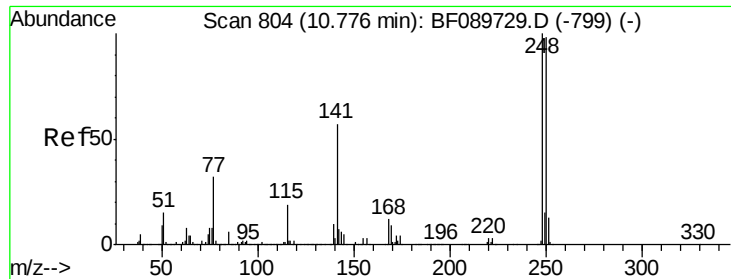


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

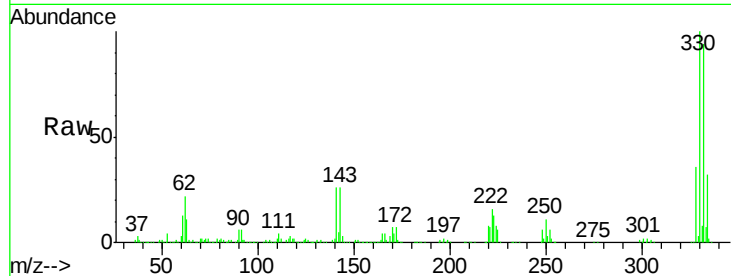




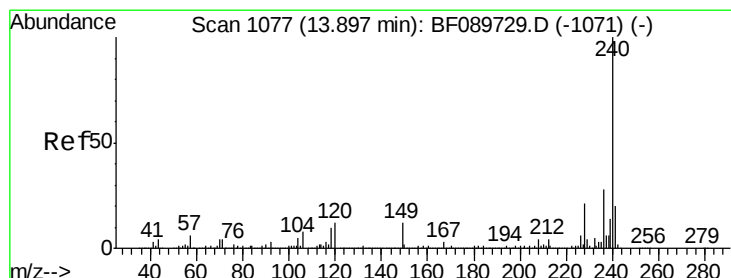
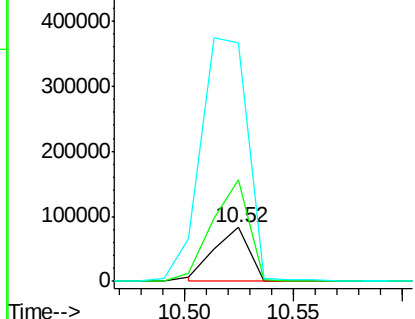
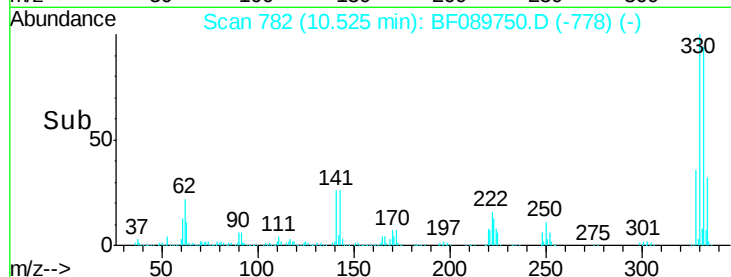
#66
 4-Bromophenyl-phenylether
 Concen: 3.15 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.25 min
 Lab File: BF089750.D
 Acq: 17 Aug 2016 8:01

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-7A-9-11

Tgt Ion:248 Resp: 92128
 Ion Ratio Lower Upper
 248 100
 250 188.5 78.6 117.8#
 141 441.9 31.4 47.2#

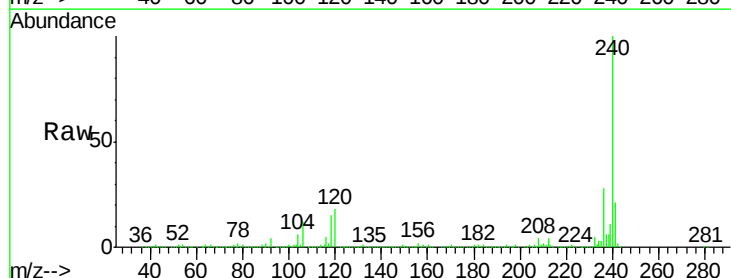


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

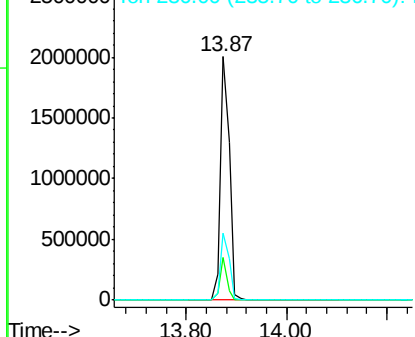
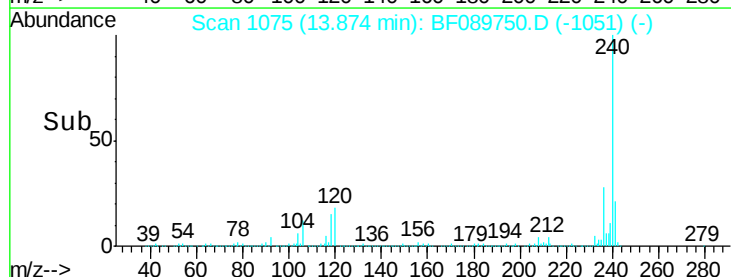


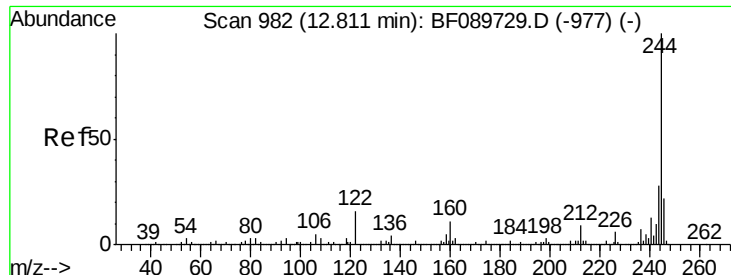
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF089750.D
 Acq: 17 Aug 2016 8:01

Tgt Ion:240 Resp: 2488919
 Ion Ratio Lower Upper
 240 100
 120 17.6 8.3 12.5#
 236 27.7 21.3 31.9



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: 59.56 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

Instrument :

BNA_F

ClientSampleId :

LOCATION-7A-9-11

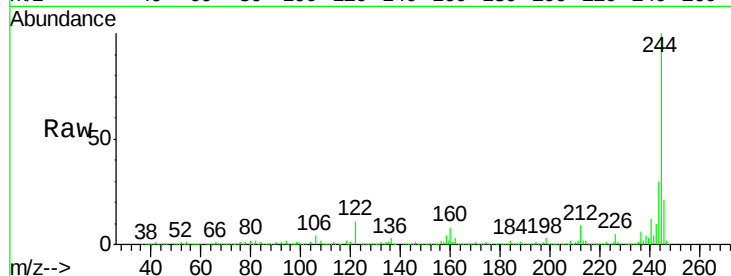
Tgt Ion:244 Resp: 4962138

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

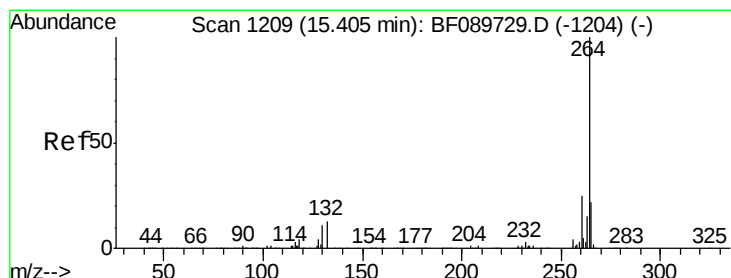
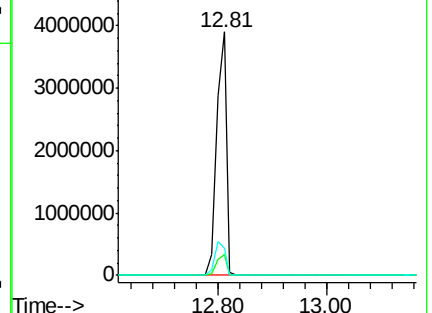
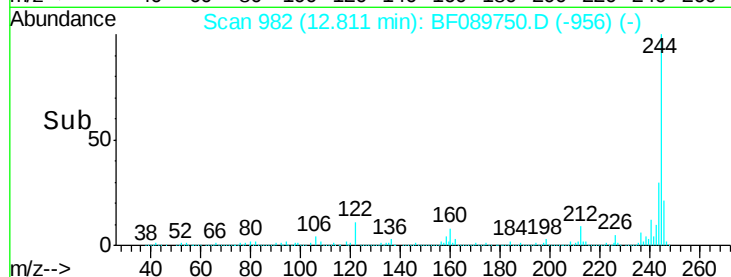
122 11.3 12.0 18.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1206

Delta R.T. -0.03 min

Lab File: BF089750.D

Acq: 17 Aug 2016 8:01

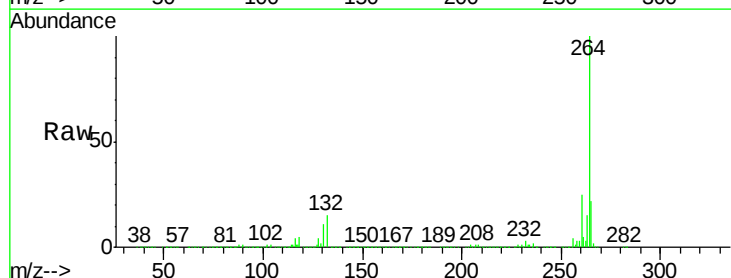
Tgt Ion:264 Resp: 2218342

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.2

265 22.0 17.4 26.2



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

