

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083620.D
 Acq On : 9 Dec 2015 4:09
 Operator : UM/IZ
 Sample : G4650-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-14(0-2)

Quant Time: Dec 09 05:58:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

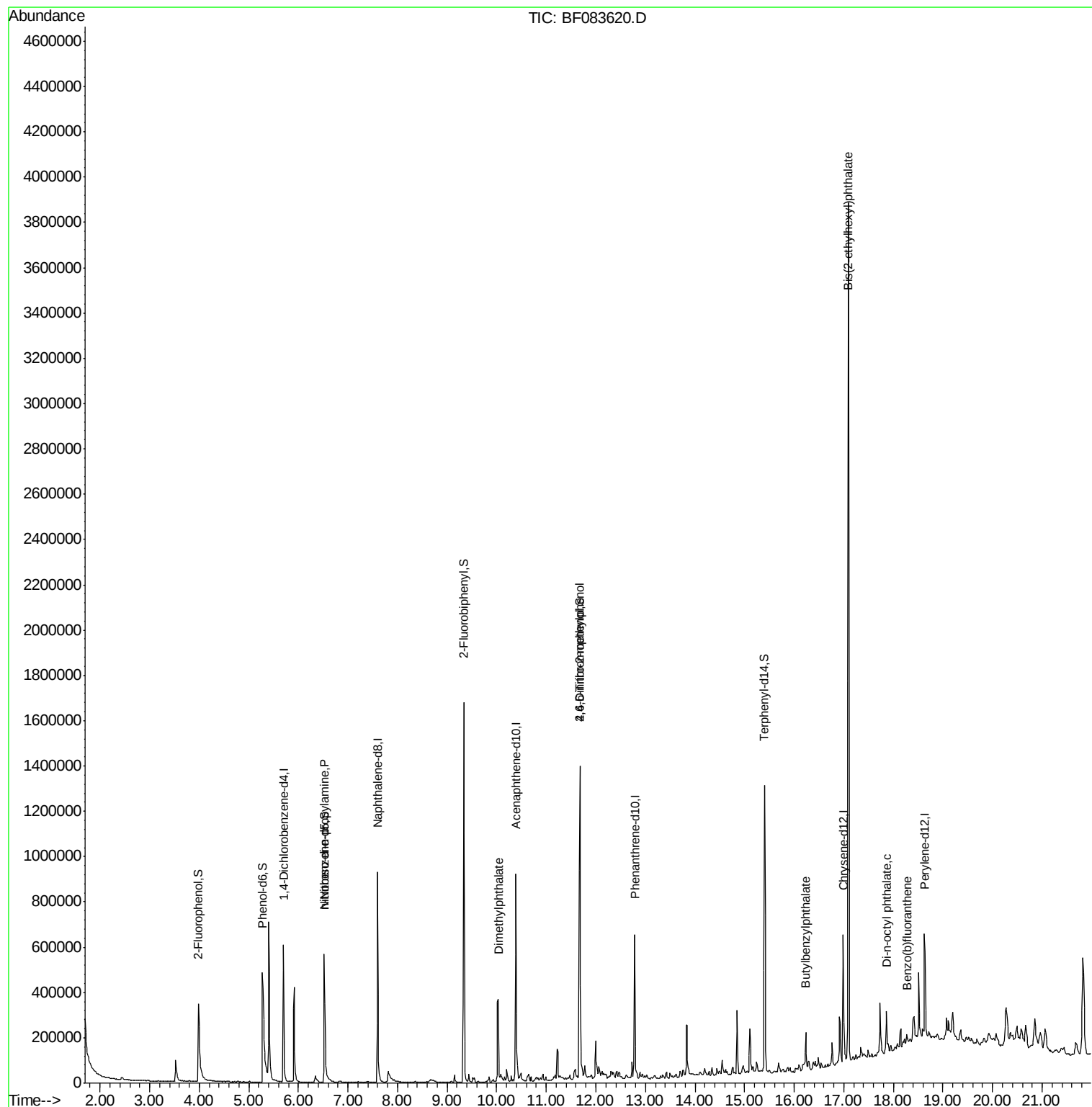
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	155407	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	572332	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	267926	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	392432	20.00	ng	0.00
75) Chrysene-d12	16.99	240	286545	20.00	ng	0.00
86) Perylene-d12	18.63	264	268797	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	224360	21.90	ng	0.01
7) Phenol-d6	5.28	99	487015	35.57	ng	0.00
23) Nitrobenzene-d5	6.52	82	295454	24.09	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	225154	94.33	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	772526	40.58	ng	-0.01
78) Terphenyl-d14	15.40	244	582977	47.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	34678	3.63	ng	# 83
49) Dimethylphthalate	10.03	163	257914	12.09	ng	98
64) 4,6-Dinitro-2-methylphenol	11.68	198	235	2.03	ng	# 1
79) Butylbenzylphthalate	16.24	149	24872	2.72	ng	89
83) Bis(2-ethylhexyl)phthalate	17.09	149	1229577	96.75	ng	# 98
84) Di-n-octyl phthalate	17.86	149	120041	6.18	ng	# 100
87) Benzo(b)fluoranthene	18.27	252	31876	2.08	ng	# 85

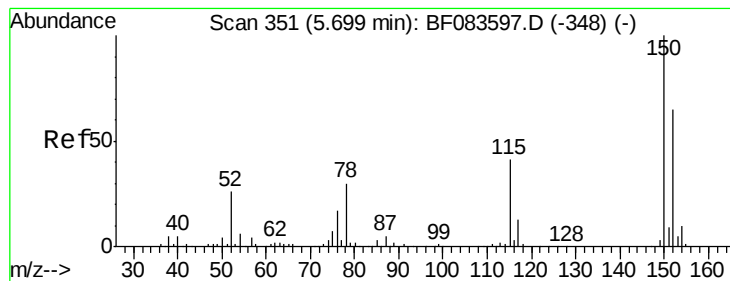
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 09 00:23:35 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-14(0-2)

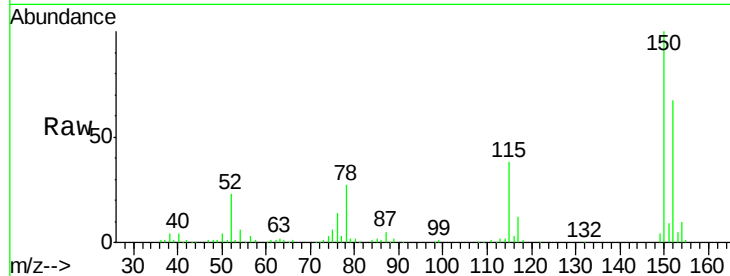
Tgt Ion:152 Resp: 155407

Ion Ratio Lower Upper

152 100

150 149.7 126.5 189.7

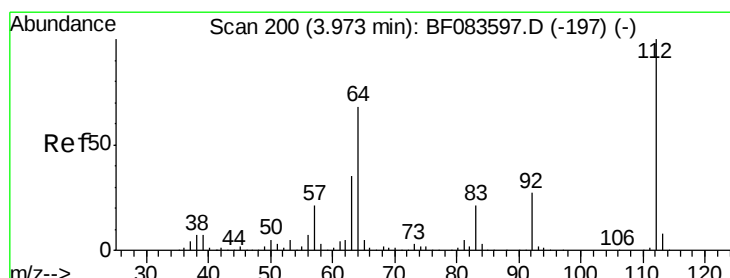
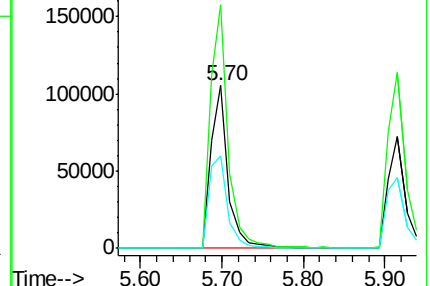
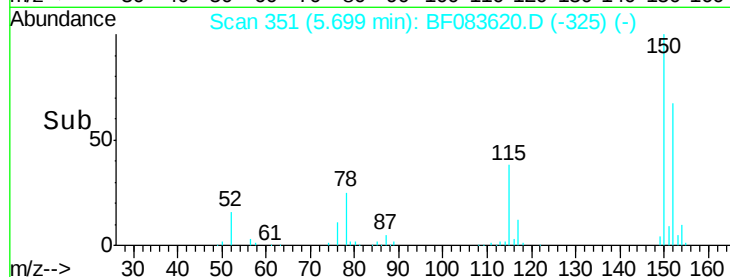
115 57.2 52.3 78.5



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: 21.90 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

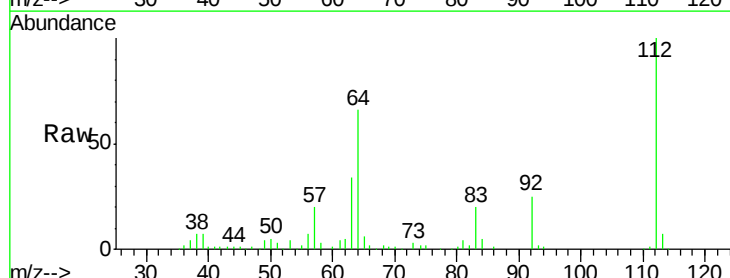
Tgt Ion:112 Resp: 224360

Ion Ratio Lower Upper

112 100

64 65.8 50.5 75.7

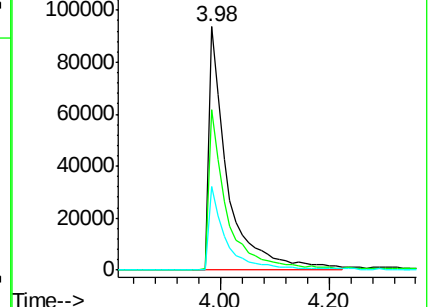
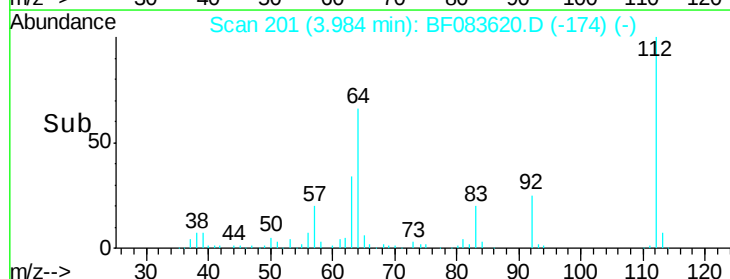
63 34.4 25.8 38.6

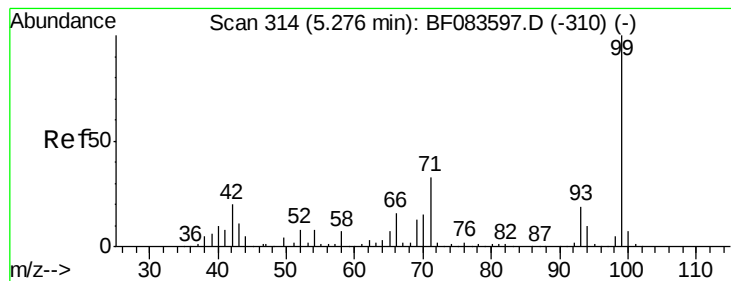


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.57 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-14(0-2)

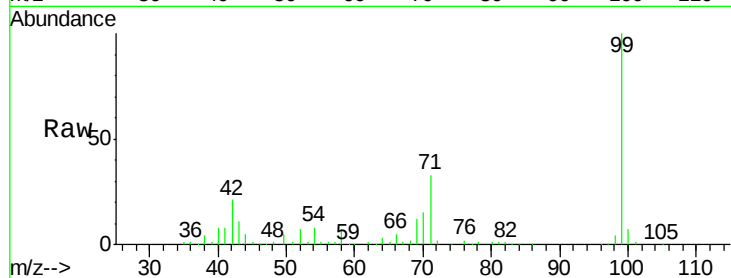
Tgt Ion: 99 Resp: 487015

Ion Ratio Lower Upper

99 100

42 21.5 17.3 25.9

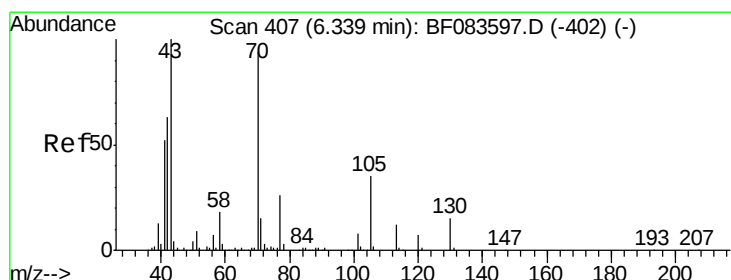
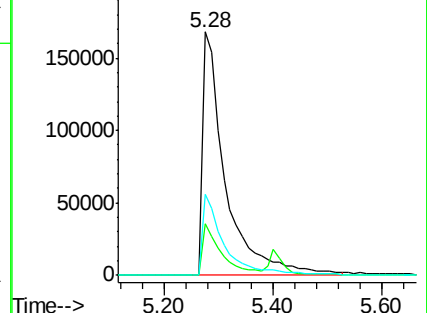
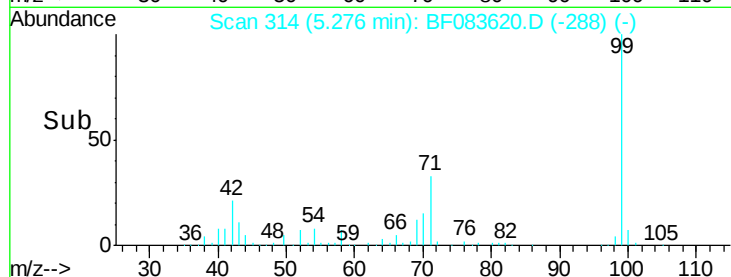
71 33.3 26.6 40.0



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: 3.63 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.18 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

Tgt Ion: 70 Resp: 34678

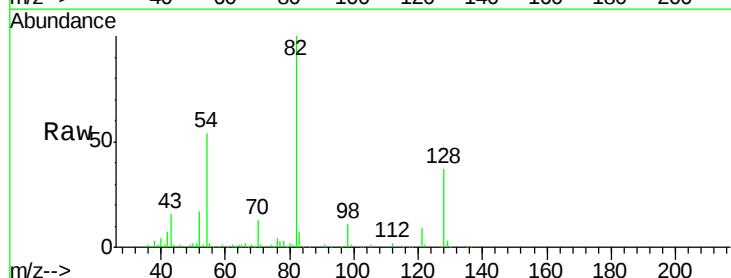
Ion Ratio Lower Upper

70 100

42 54.4 49.2 73.8

101 0.0 7.1 10.7#

130 1.7 15.4 23.0#

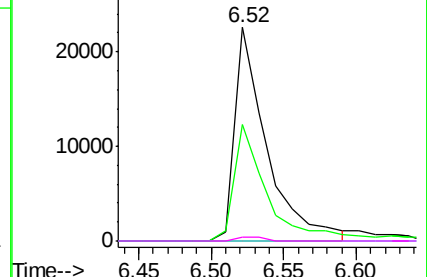
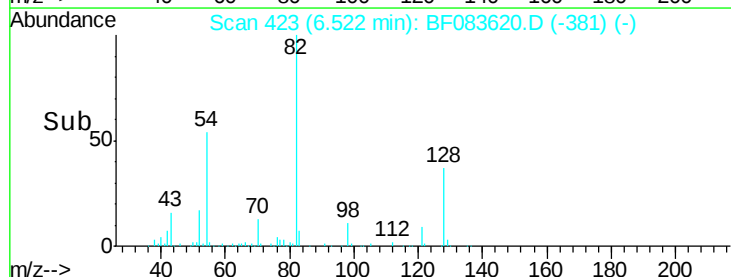


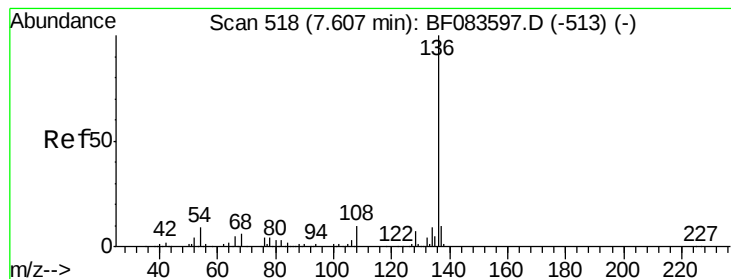
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-14(0-2)

Tgt Ion: 136 Resp: 572332

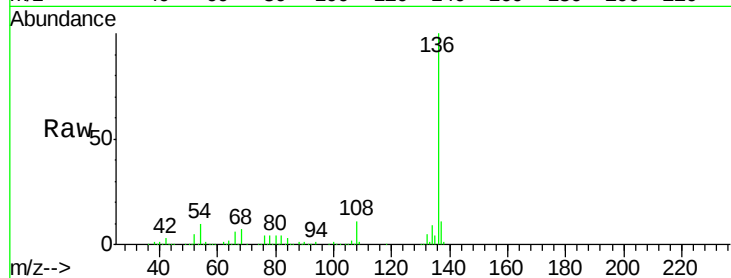
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.3 7.8 11.6

68 7.1 5.7 8.5

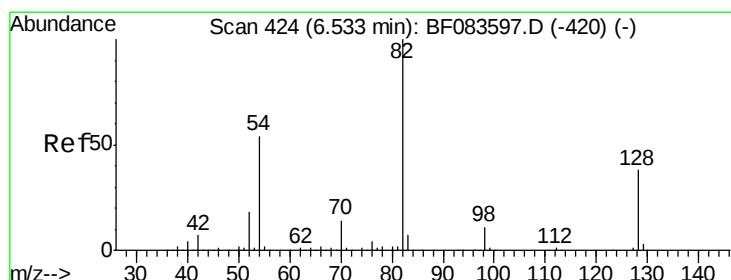
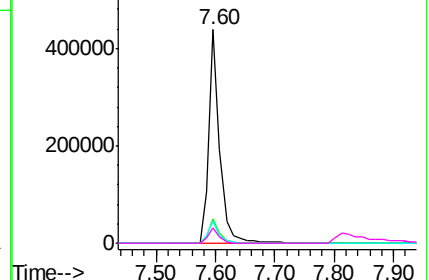
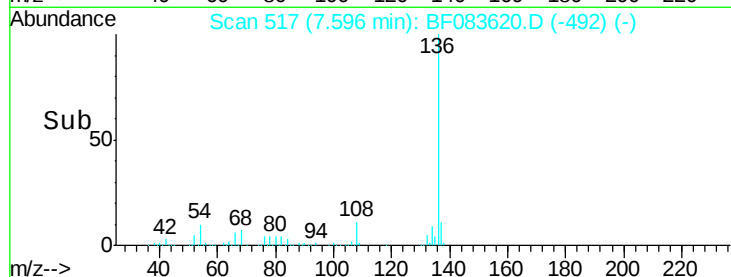


Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.09 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

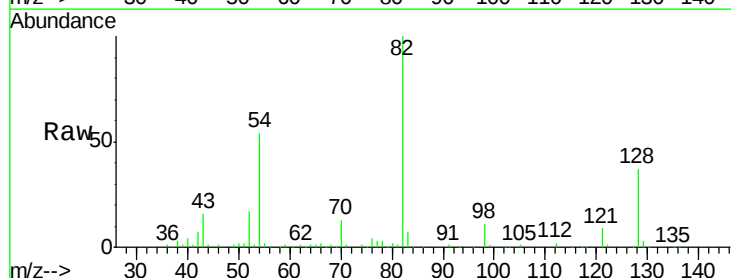
Tgt Ion: 82 Resp: 295454

Ion Ratio Lower Upper

82 100

128 36.8 30.7 46.1

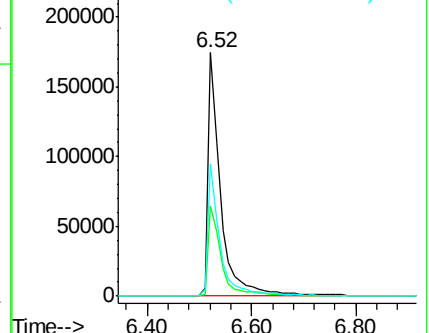
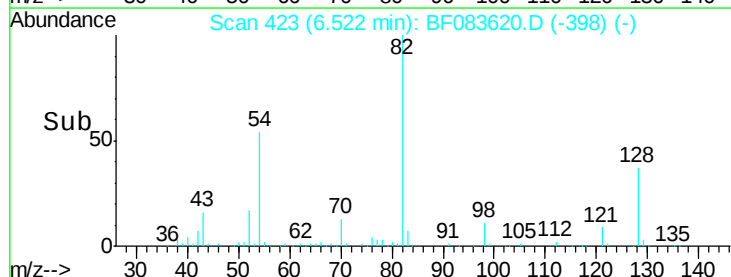
54 54.3 42.5 63.7

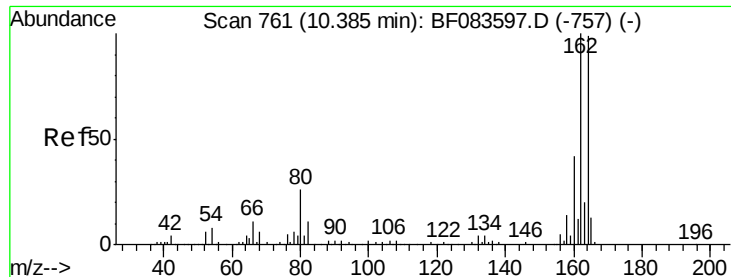


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-14(0-2)

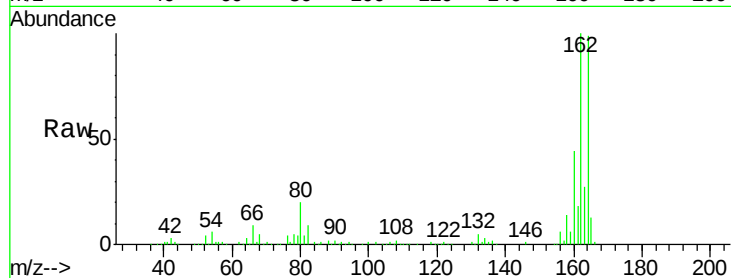
Tgt Ion:164 Resp: 267926

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

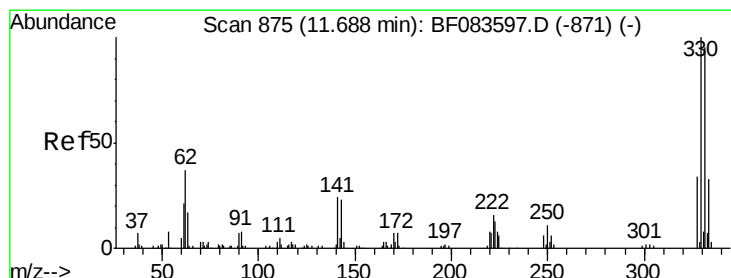
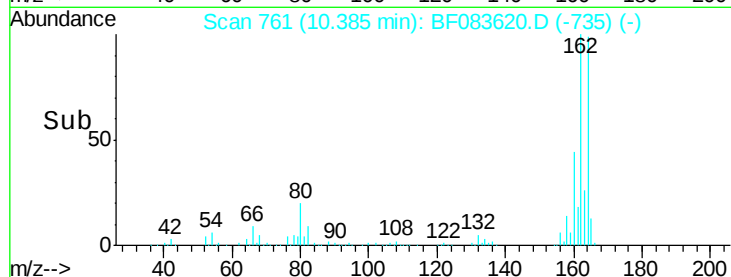
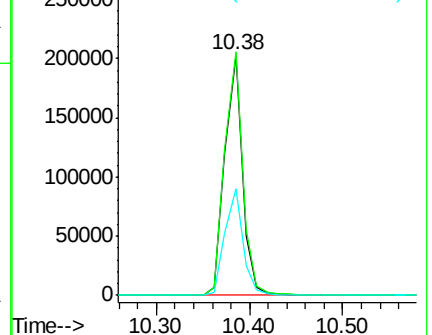
160 44.3 33.4 50.2



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: 94.33 ng

RT: 11.68 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

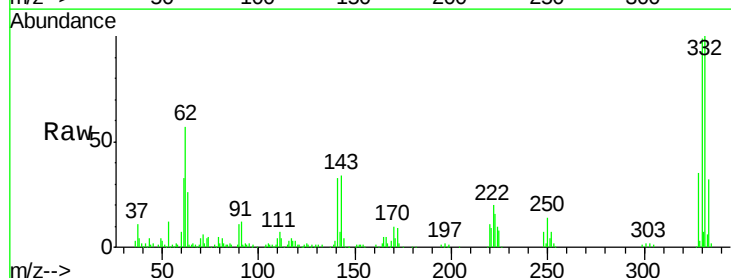
Tgt Ion:330 Resp: 225154

Ion Ratio Lower Upper

330 100

332 98.5 0.0 0.0#

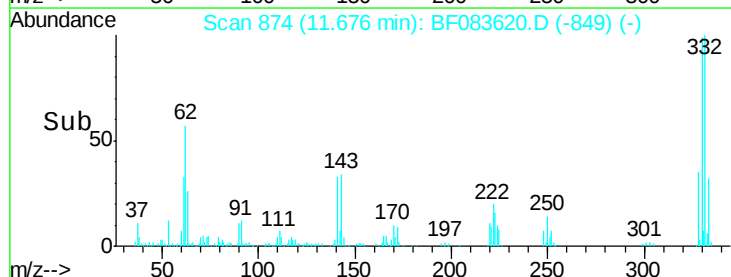
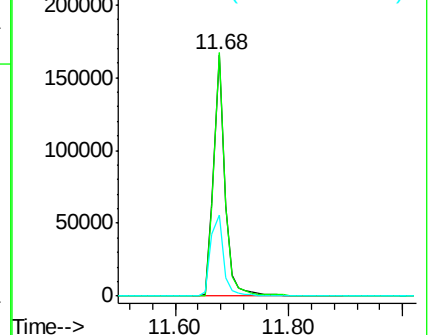
141 37.9 0.0 0.0#

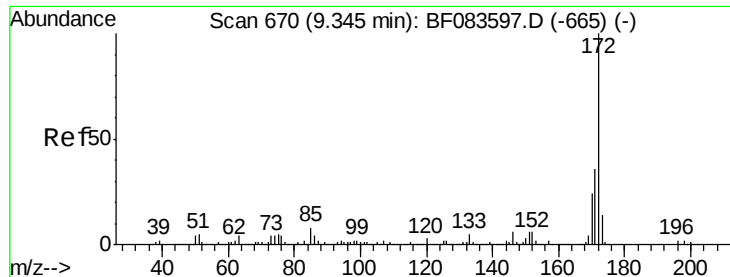


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 40.58 ng

RT: 9.33 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-14(0-2)

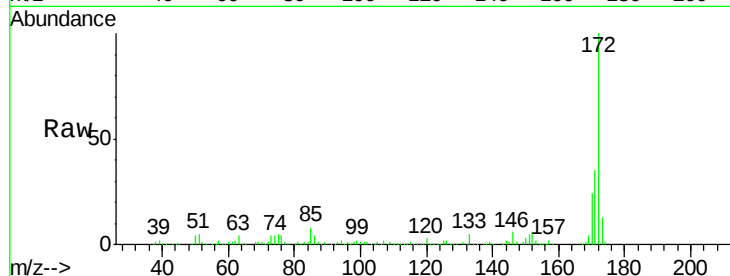
Tgt Ion:172 Resp: 772526

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

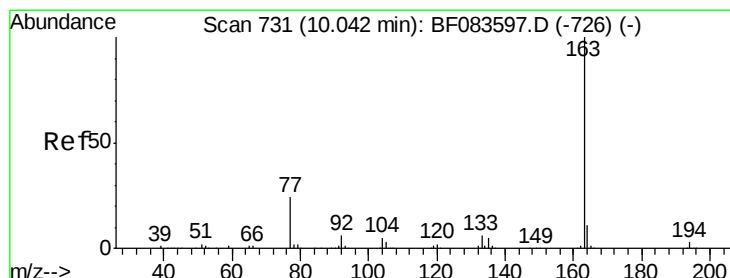
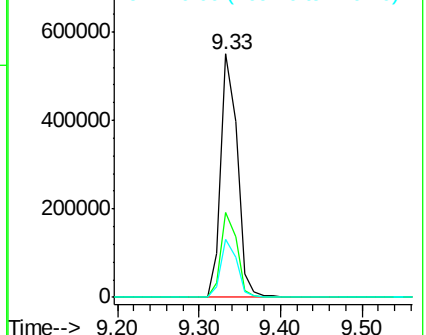
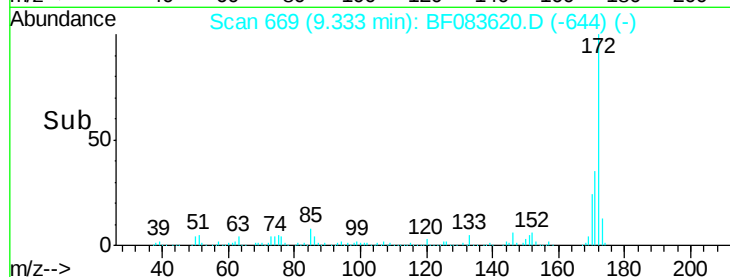
170 24.0 19.4 29.0



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: 12.09 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

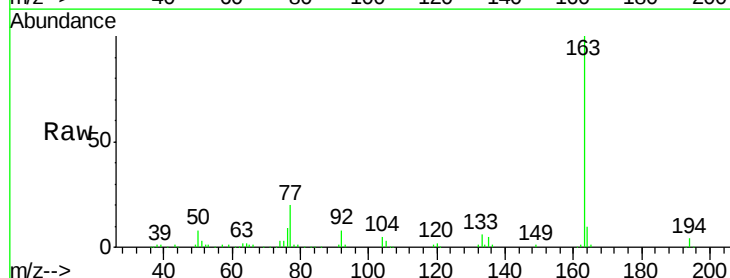
Tgt Ion:163 Resp: 257914

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

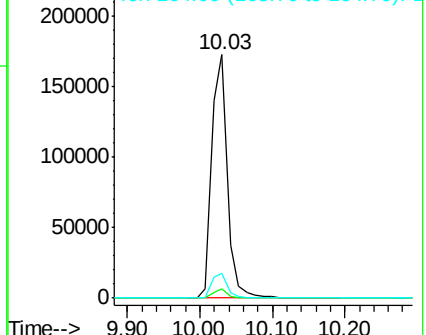
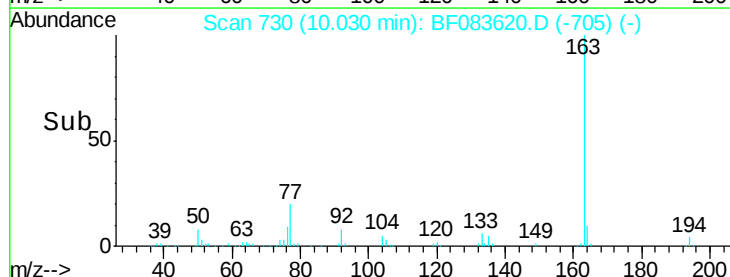
164 10.0 8.6 13.0

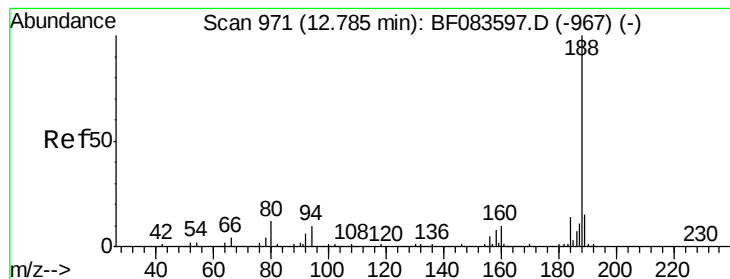


Abundance Ion 163.00 (162.70 to 163.70): E

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: 12.78 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-14(0-2)

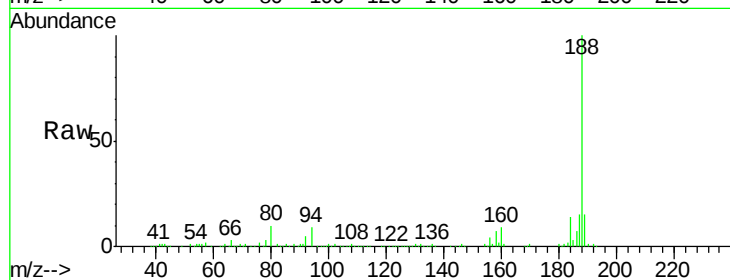
Tgt Ion:188 Resp: 392432

Ion Ratio Lower Upper

188 100

94 9.0 9.4 14.2#

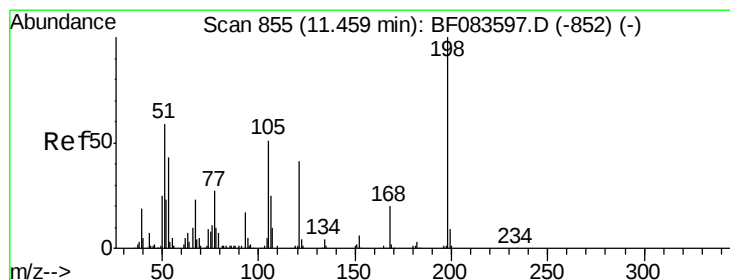
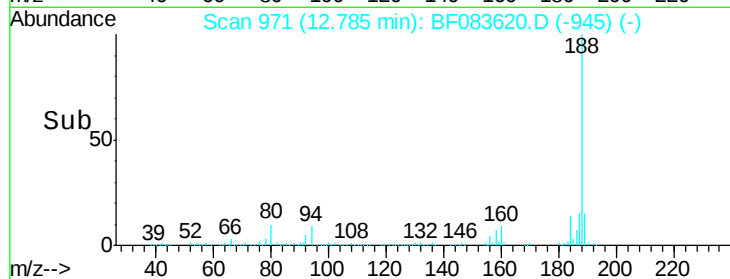
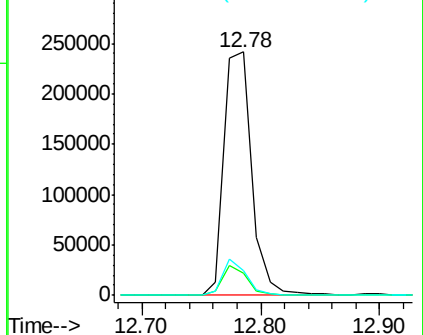
80 10.2 10.6 16.0#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.03 ng

RT: 11.68 min Scan# 874

Delta R.T. 0.22 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

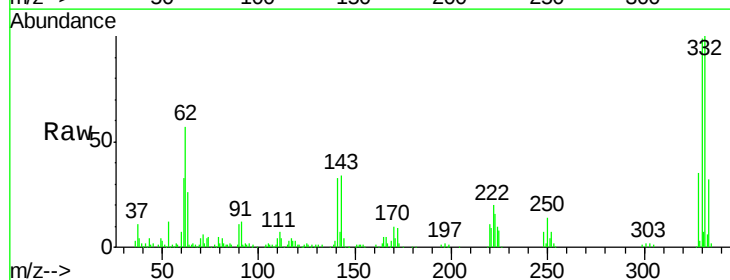
Tgt Ion:198 Resp: 235

Ion Ratio Lower Upper

198 100

51 359.2 53.8 93.8#

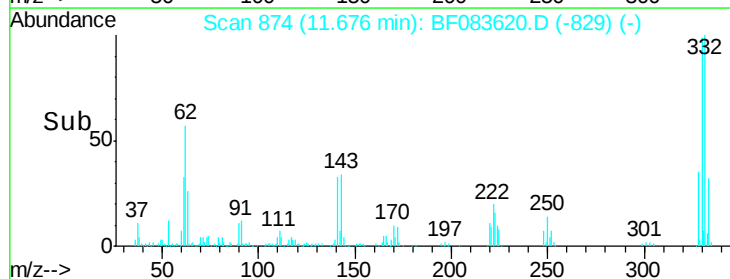
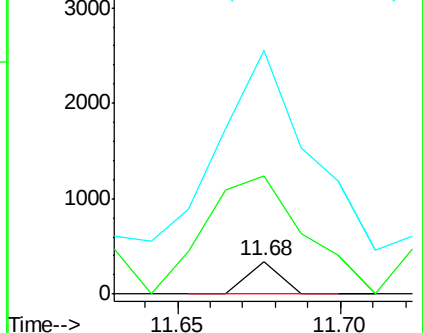
105 743.7 38.6 78.6#

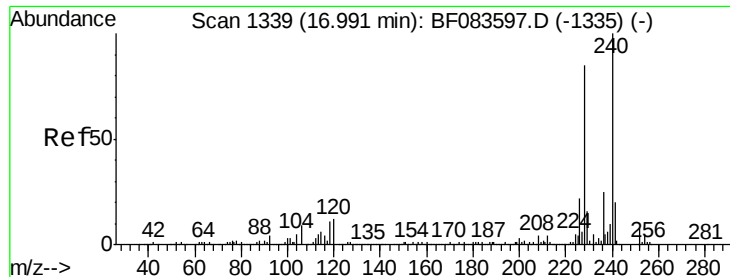


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

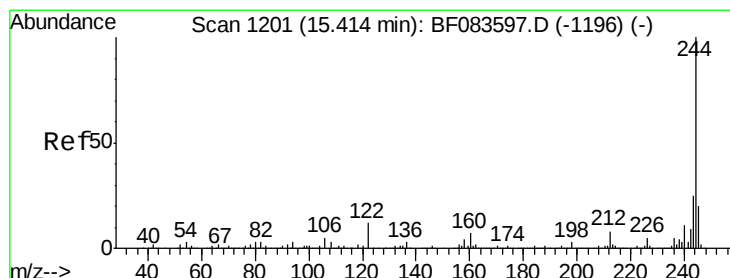
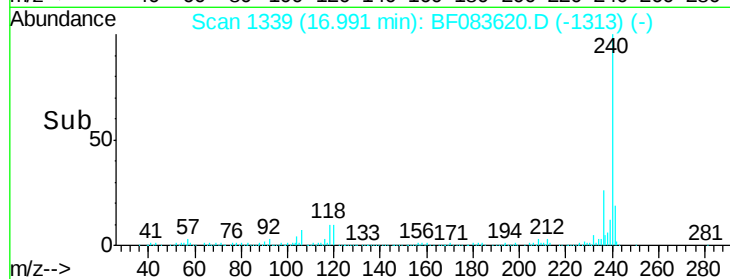
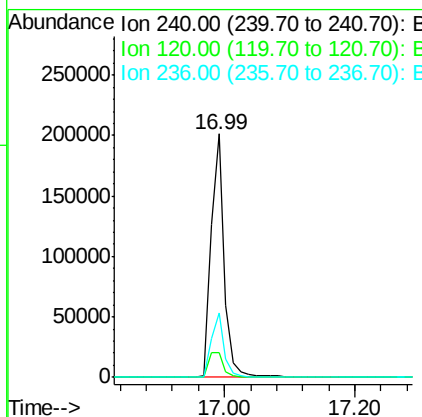
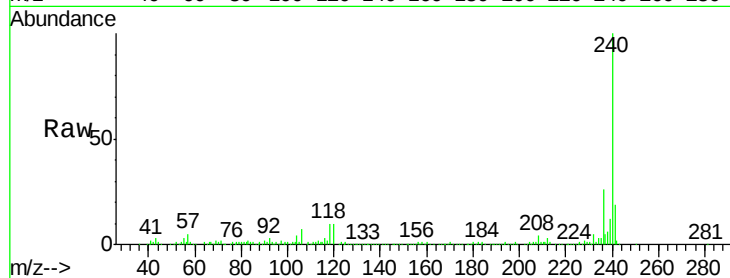




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083620.D
Acq: 9 Dec 2015 4:09

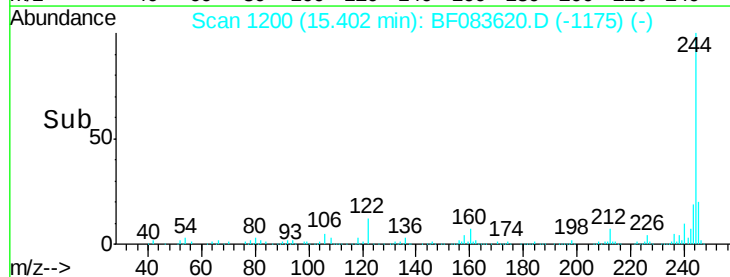
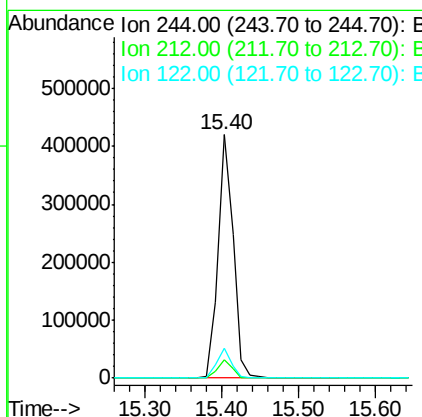
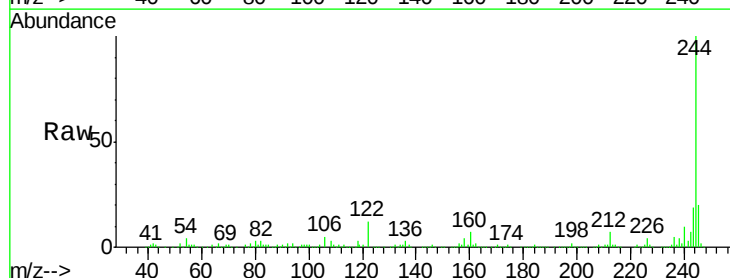
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-14(0-2)

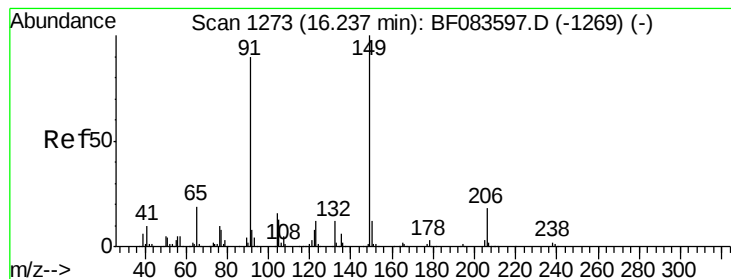
Tgt Ion:240 Resp: 286545
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.2 20.8 31.2



#78
Terphenyl-d14
Concen: 47.87 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF083620.D
Acq: 9 Dec 2015 4:09

Tgt Ion:244 Resp: 582977
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.4 11.0 16.6





#79

Butylbenzylphthalate

Concen: 2.72 ng

RT: 16.24 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-14(0-2)

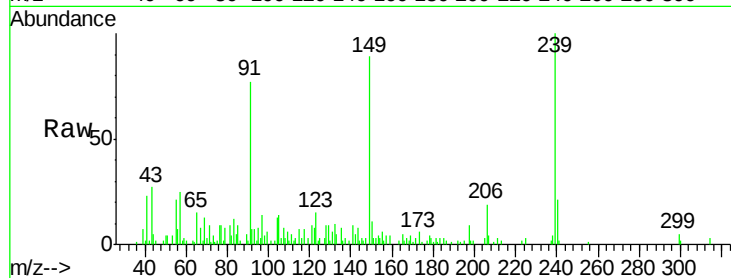
Tgt Ion:149 Resp: 24872

Ion Ratio Lower Upper

149 100

91 86.1 60.0 90.0

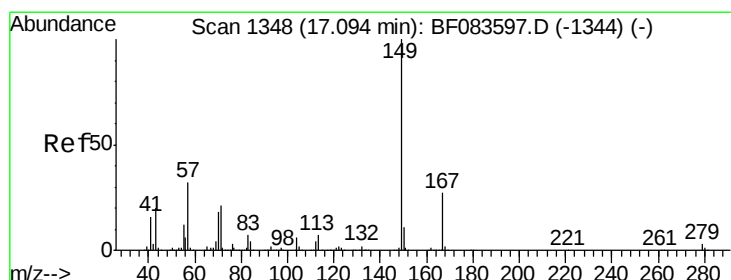
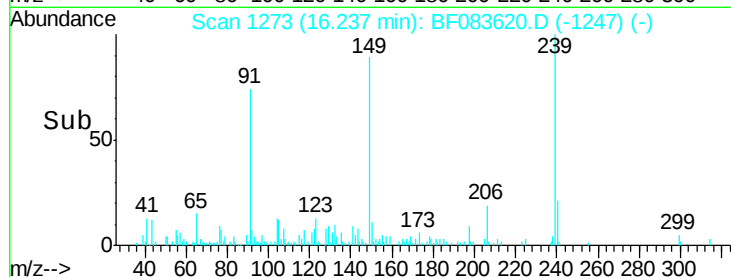
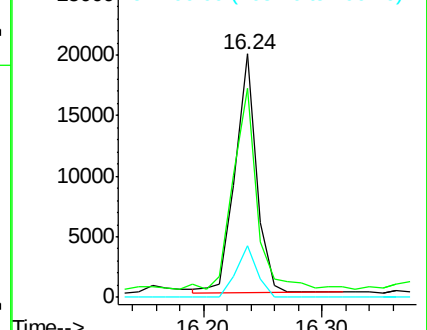
206 21.3 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 96.75 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083620.D

Acq: 9 Dec 2015 4:09

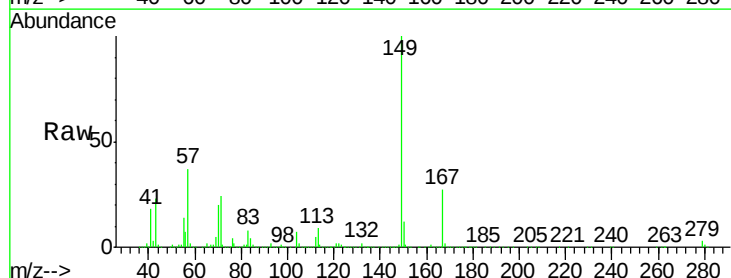
Tgt Ion:149 Resp: 1229577

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

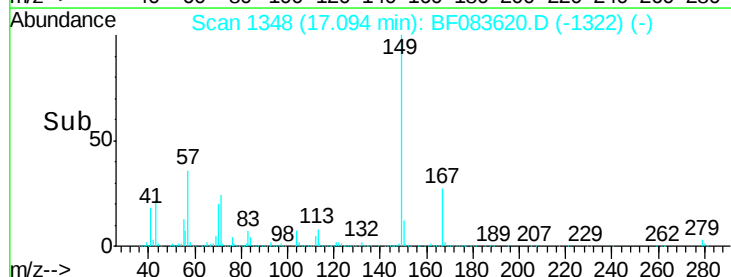
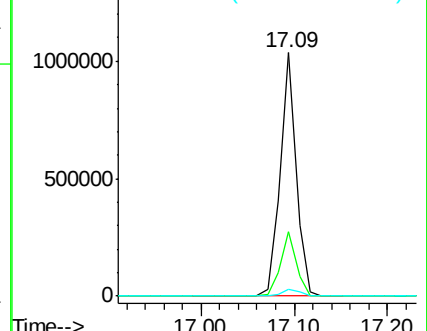
279 2.8 3.0 4.4#

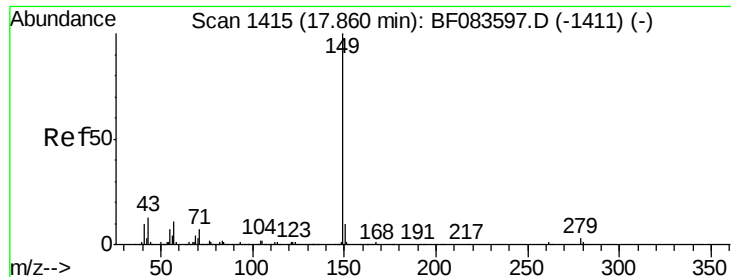


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

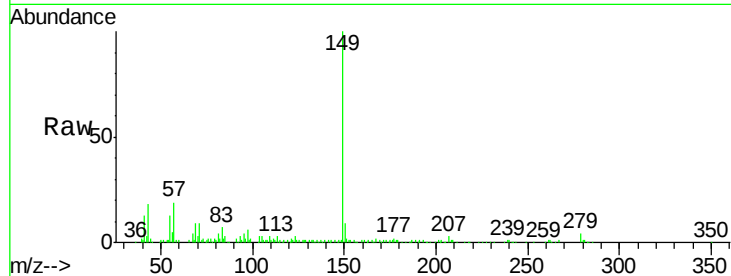




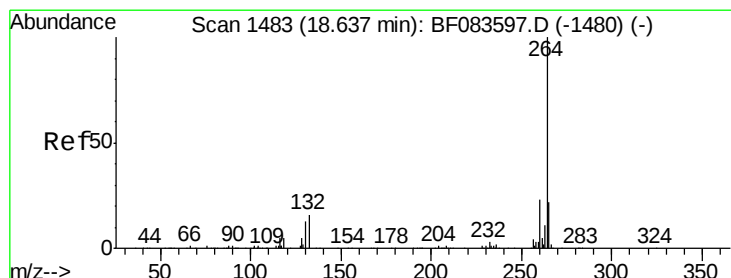
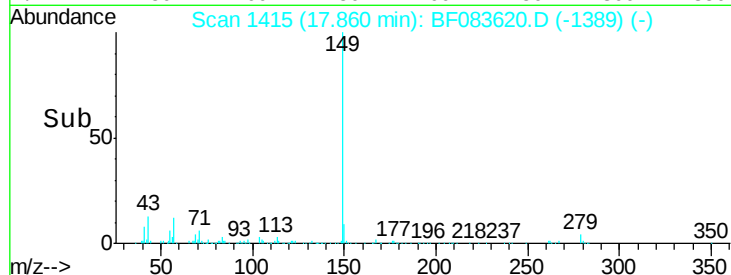
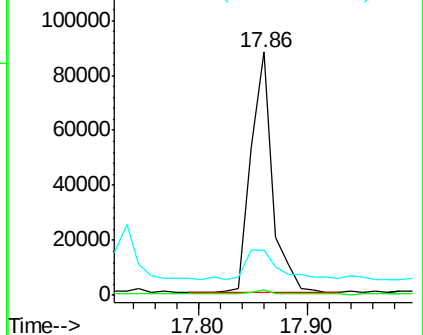
#84
Di-n-octyl phthalate
Concen: 6.18 ng
RT: 17.86 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF083620.D
Acq: 9 Dec 2015 4:09

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-14(0-2)

Tgt Ion:149 Resp: 120041
Ion Ratio Lower Upper
149 100
167 2.7 0.0 0.0#
43 19.8 0.0 0.0#

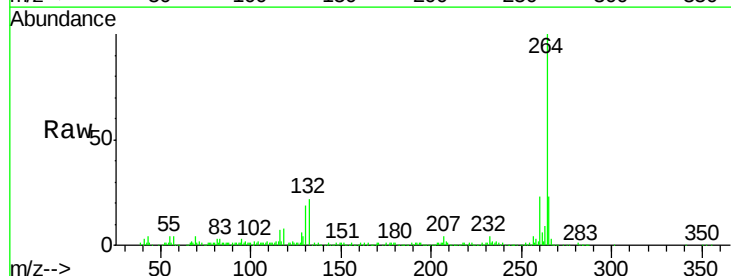


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

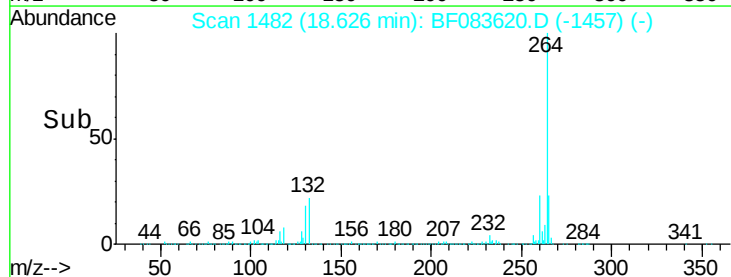
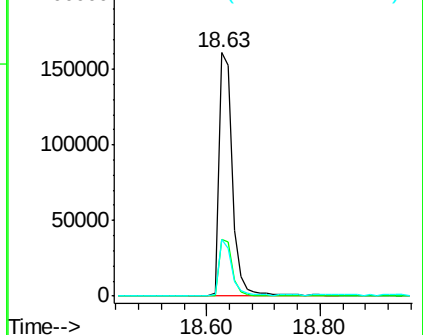


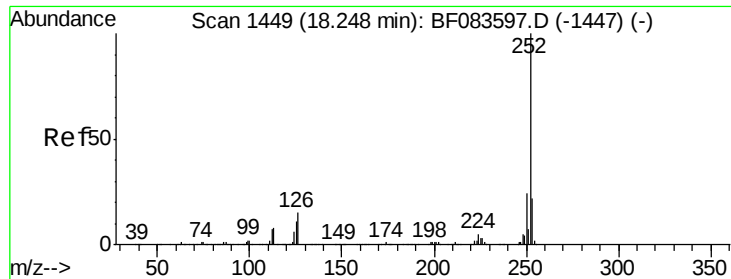
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083620.D
Acq: 9 Dec 2015 4:09

Tgt Ion:264 Resp: 268797
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.0
265 23.1 17.8 26.6



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

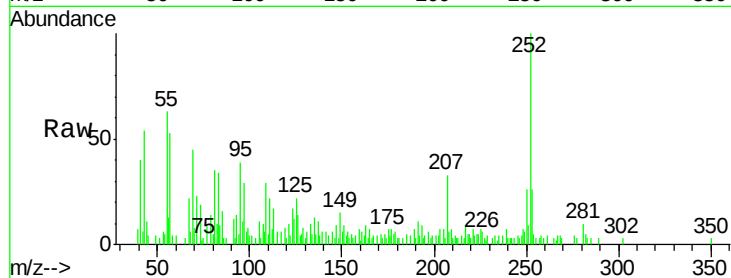




#87
 Benzo(b)fluoranthene
 Concen: 2.08 ng
 RT: 18.27 min Scan# 1451
 Delta R.T. 0.02 min
 Lab File: BF083620.D
 Acq: 9 Dec 2015 4:09

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-14(0-2)

Tgt Ion: 252 Resp: 31876
 Ion Ratio Lower Upper
 252 100
 253 26.2 18.2 27.4
 125 22.3 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

