

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083625.D
 Acq On : 9 Dec 2015 6:38
 Operator : UM/IZ
 Sample : G4647-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-4(0-2)

Quant Time: Dec 09 07:06:05 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

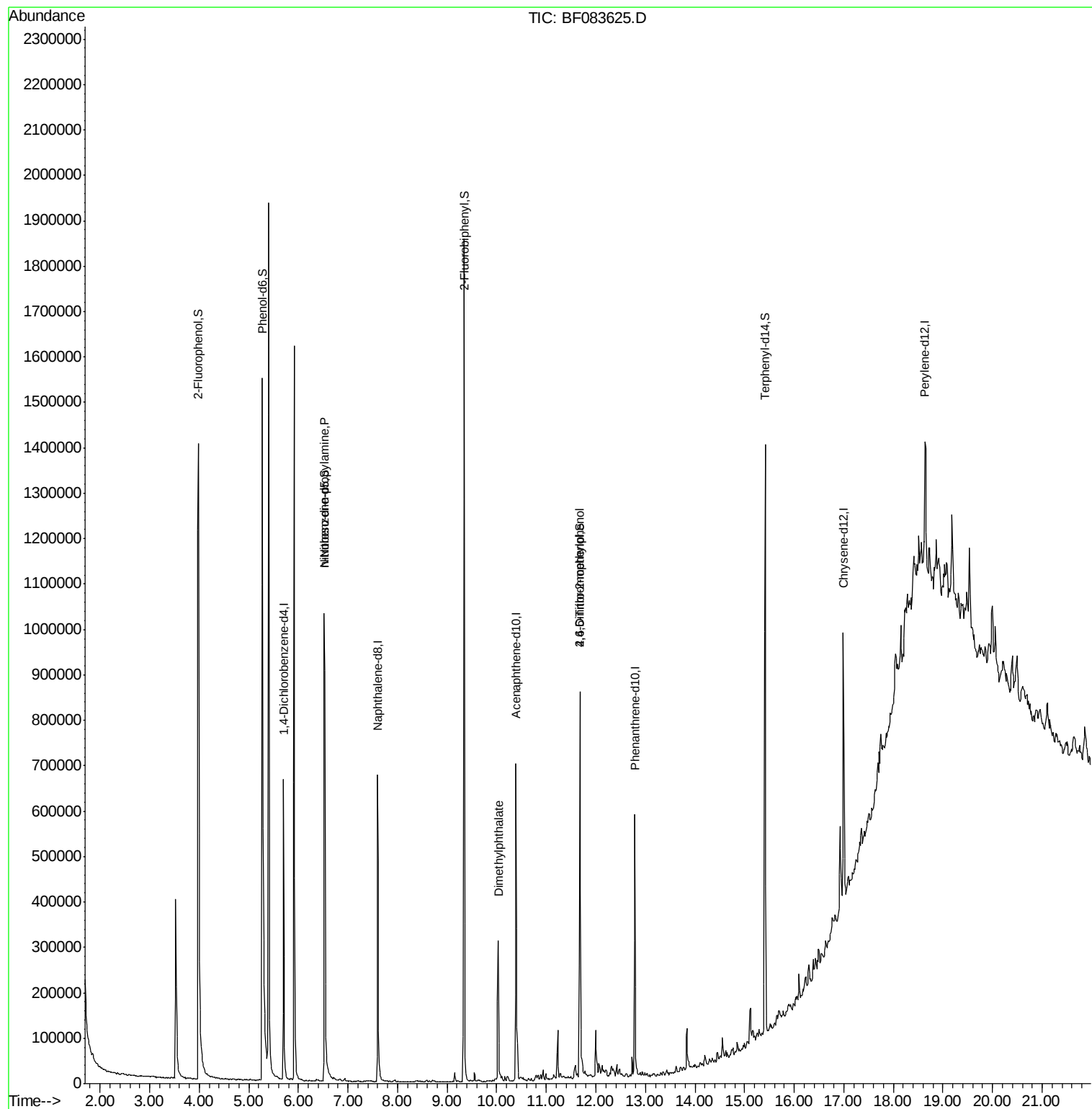
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	132376	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	466503	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	189550	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	308041	20.00	ng	0.00
75) Chrysene-d12	16.99	240	271960	20.00	ng	0.00
86) Perylene-d12	18.64	264	172167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	751046	86.05	ng	0.01
7) Phenol-d6	5.28	99	1047764	89.85	ng	0.00
23) Nitrobenzene-d5	6.52	82	612947	61.31	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	134248	79.50	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	850451	63.15	ng	0.00
78) Terphenyl-d14	15.41	244	614579	53.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	76457	9.39	ng	# 80
49) Dimethylphthalate	10.03	163	186800	12.38	ng	99
64) 4,6-Dinitro-2-methylphenol	11.68	198	209	2.04	ng	# 1

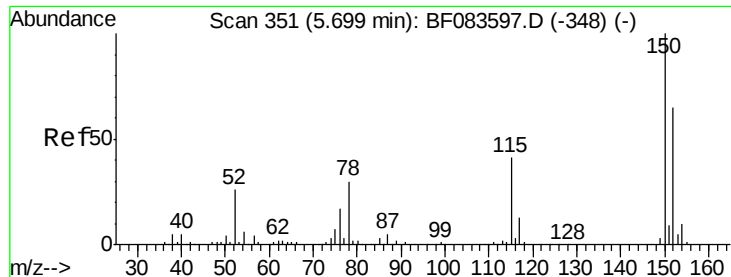
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083625.D

Acq: 9 Dec 2015 6:38

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-4(0-2)

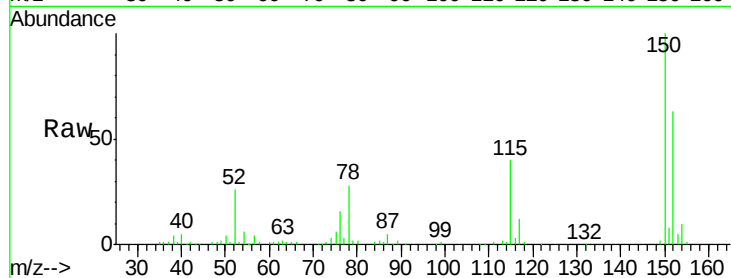
Tgt Ion:152 Resp: 132376

Ion Ratio Lower Upper

152 100

150 159.1 126.5 189.7

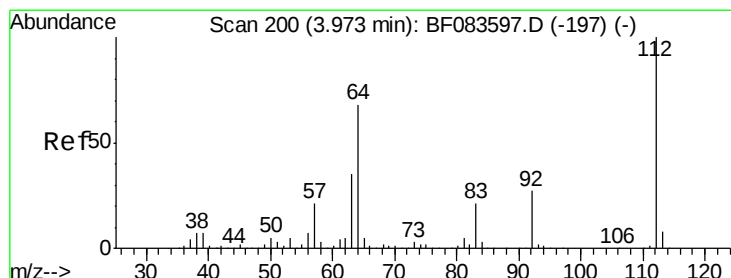
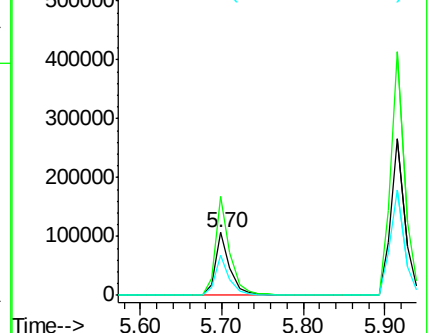
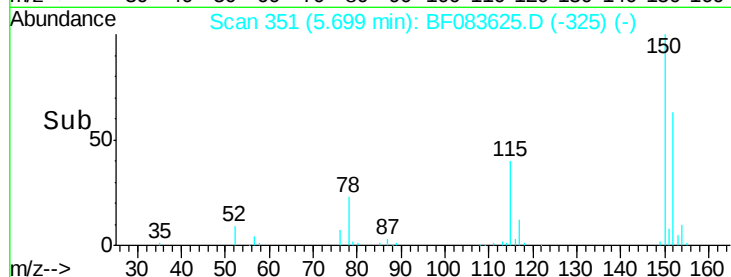
115 64.1 52.3 78.5



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: 86.05 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083625.D

Acq: 9 Dec 2015 6:38

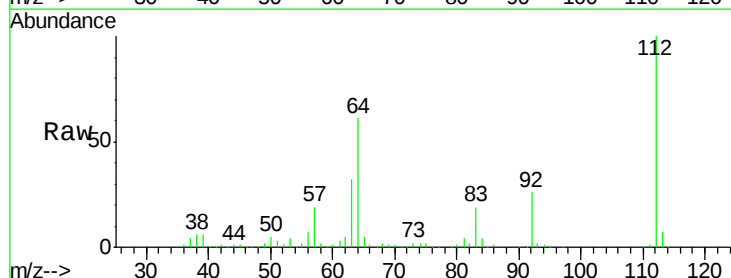
Tgt Ion:112 Resp: 751046

Ion Ratio Lower Upper

112 100

64 61.4 50.5 75.7

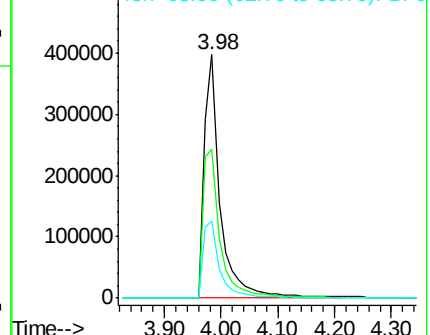
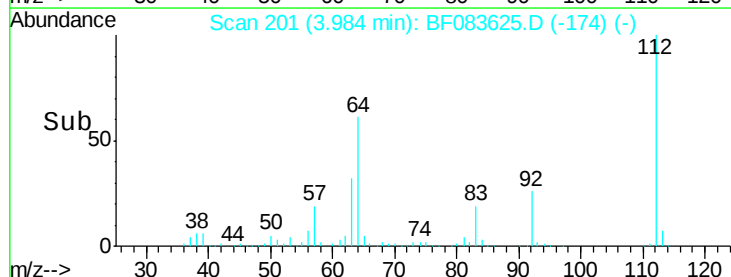
63 31.6 25.8 38.6

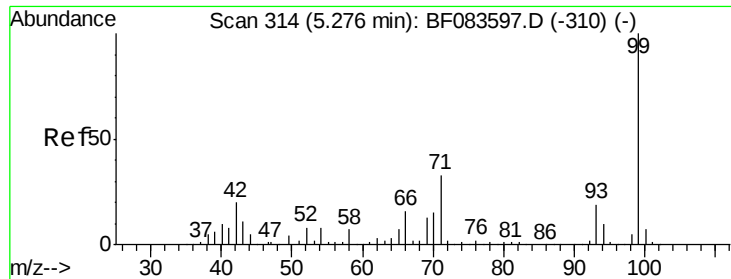


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.85 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083625.D

Acq: 9 Dec 2015 6:38

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-4(0-2)

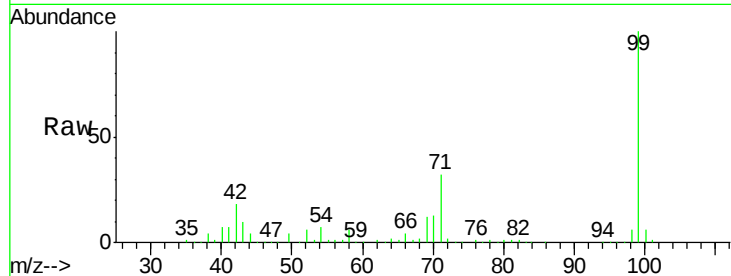
Tgt Ion: 99 Resp: 1047764

Ion Ratio Lower Upper

99 100

42 18.3 17.3 25.9

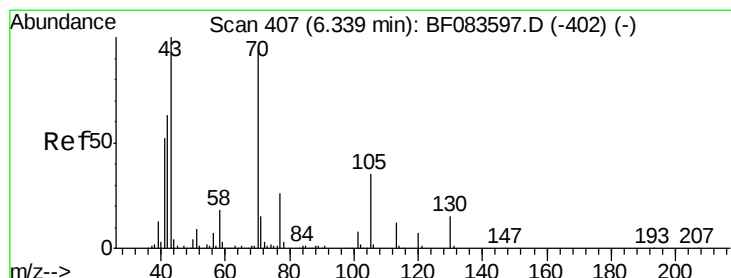
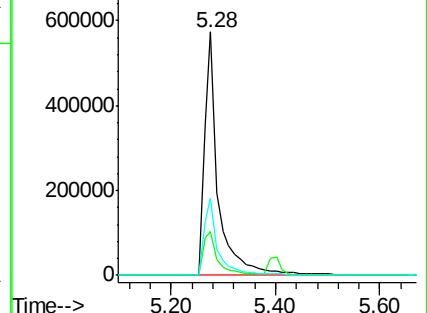
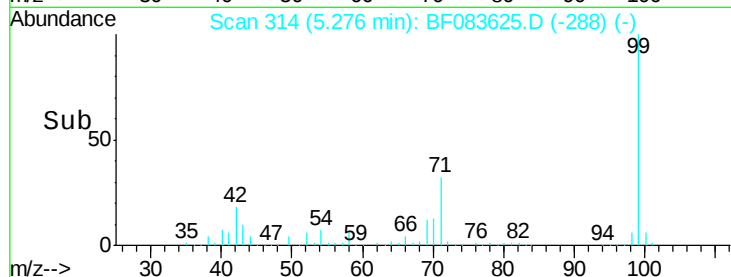
71 31.7 26.6 40.0



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: 9.39 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.18 min

Lab File: BF083625.D

Acq: 9 Dec 2015 6:38

Tgt Ion: 70 Resp: 76457

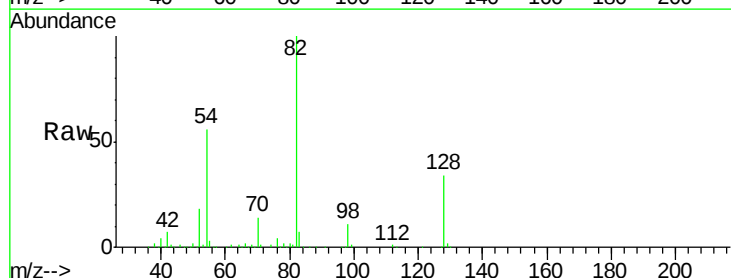
Ion Ratio Lower Upper

70 100

42 51.7 49.2 73.8

101 0.0 7.1 10.7#

130 1.6 15.4 23.0#

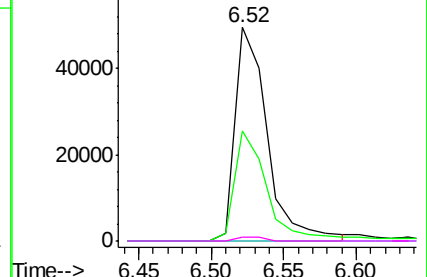
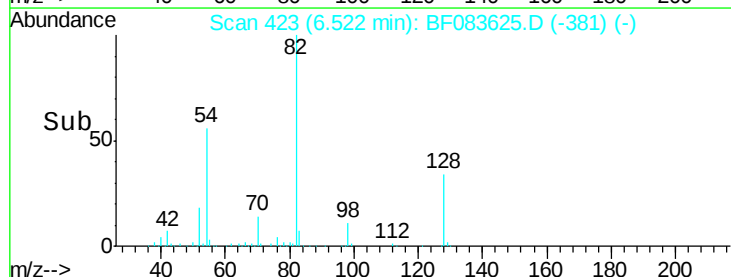


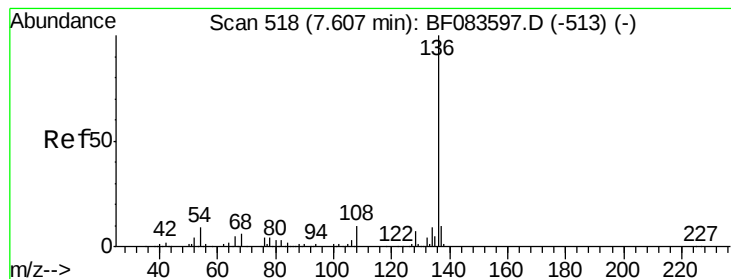
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083625.D

Acq: 9 Dec 2015 6:38

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-4(0-2)

Tgt Ion: 136 Resp: 466503

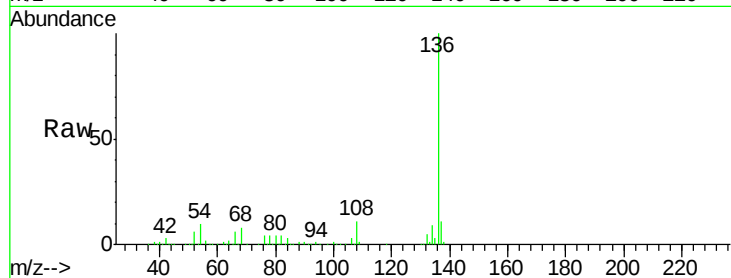
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.5 7.8 11.6

68 7.6 5.7 8.5

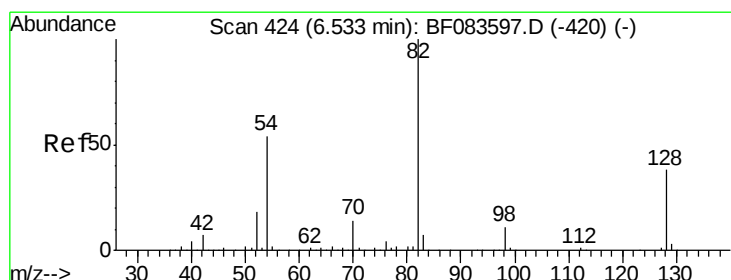
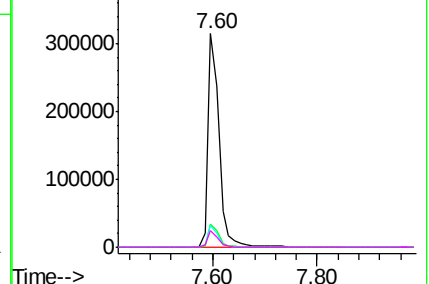
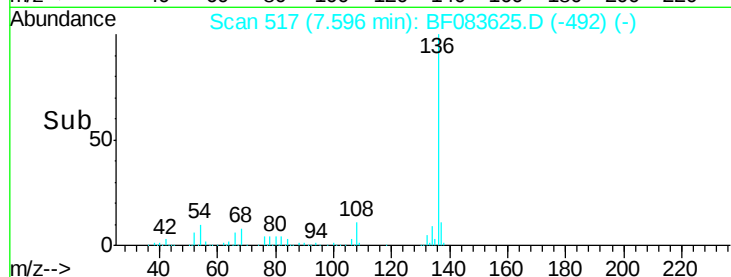


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.31 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083625.D

Acq: 9 Dec 2015 6:38

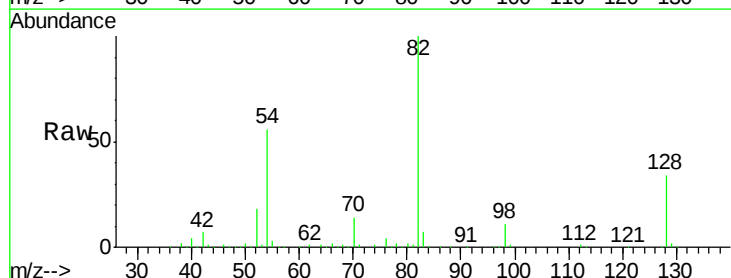
Tgt Ion: 82 Resp: 612947

Ion Ratio Lower Upper

82 100

128 34.1 30.7 46.1

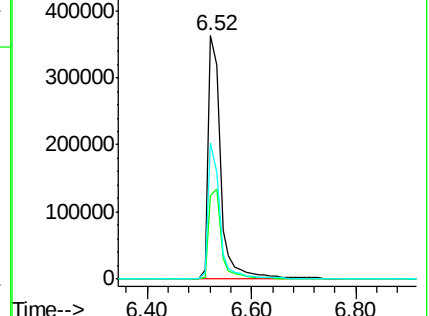
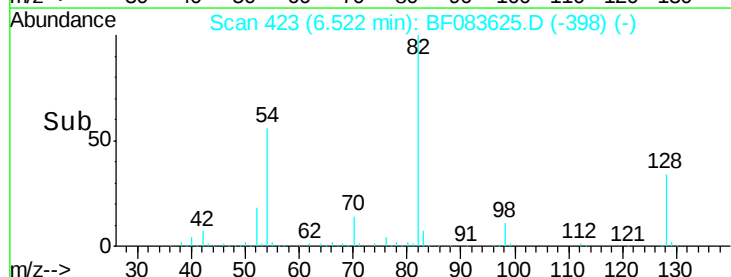
54 56.1 42.5 63.7

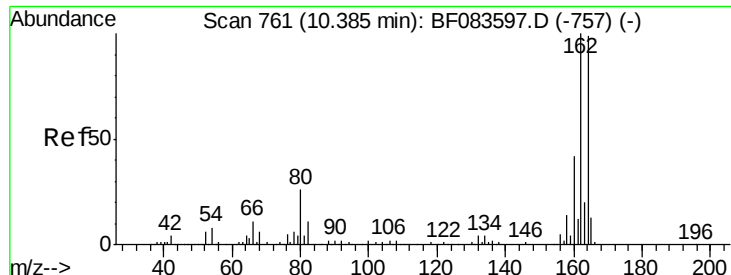


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

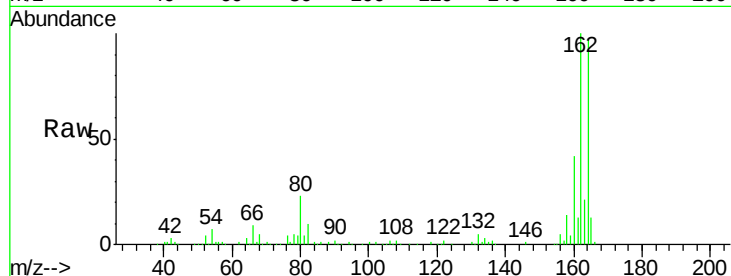




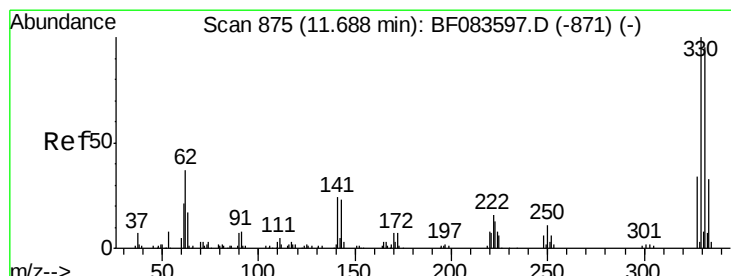
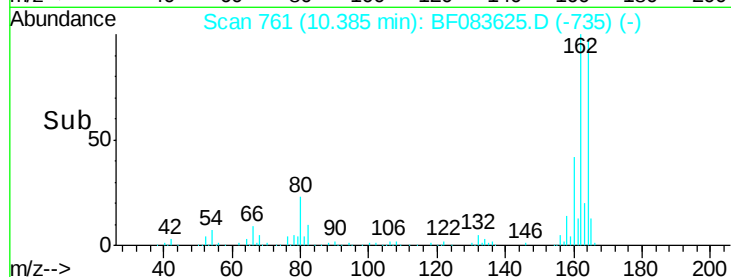
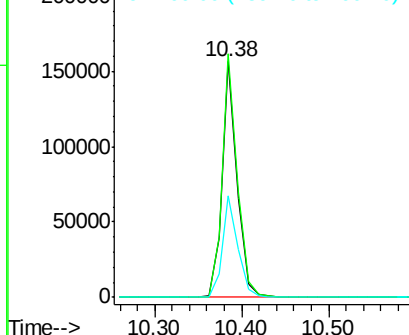
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083625.D
Acq: 9 Dec 2015 6:38

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-4(0-2)

Tgt Ion:164 Resp: 189550
Ion Ratio Lower Upper
164 100
162 103.2 78.8 118.2
160 43.1 33.4 50.2

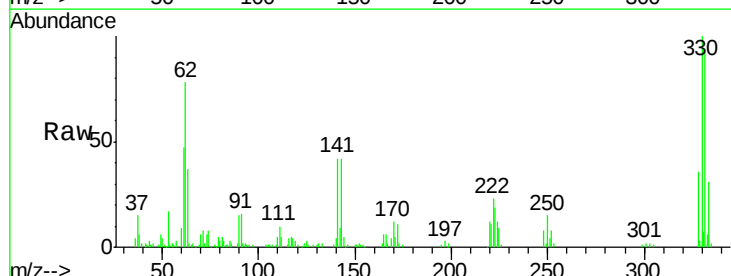


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

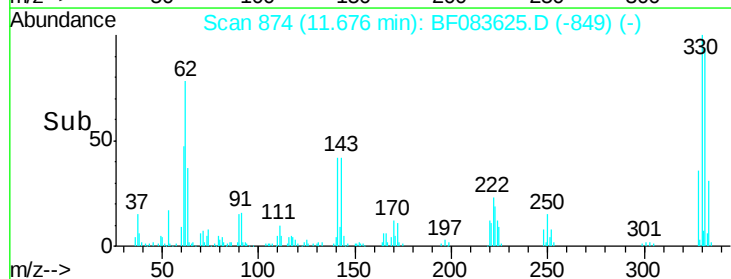
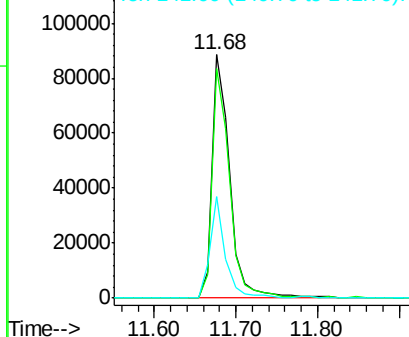


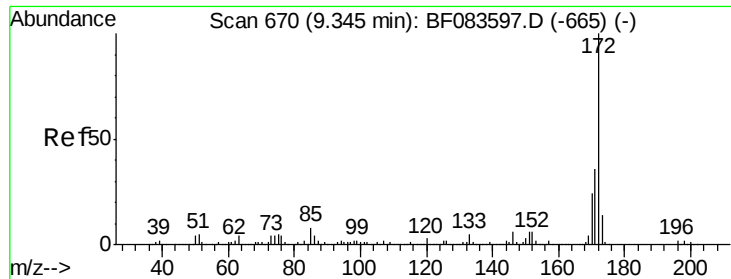
#41
2,4,6-Tribromophenol
Concen: 79.50 ng
RT: 11.68 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF083625.D
Acq: 9 Dec 2015 6:38

Tgt Ion:330 Resp: 134248
Ion Ratio Lower Upper
330 100
332 94.4 0.0 0.0#
141 36.9 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: 63.15 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083625.D

Acq: 9 Dec 2015 6:38

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-4(0-2)

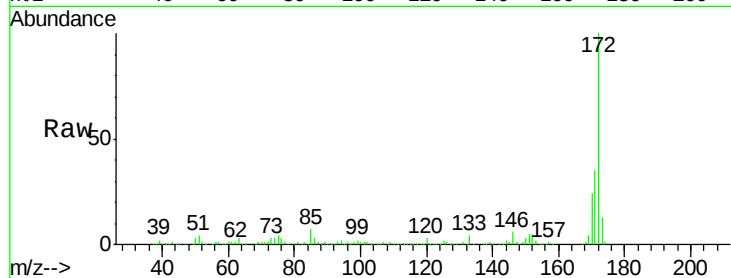
Tgt Ion:172 Resp: 850451

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

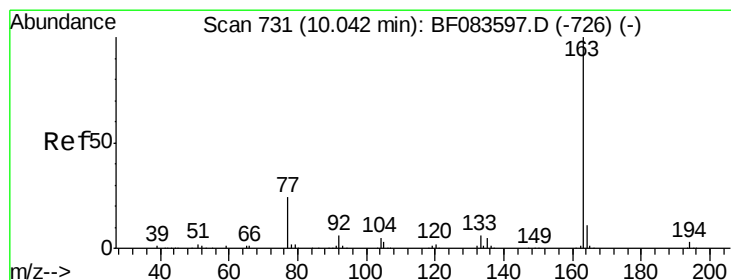
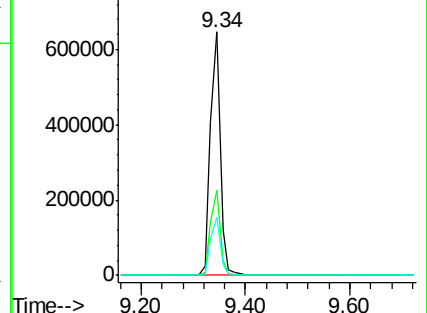
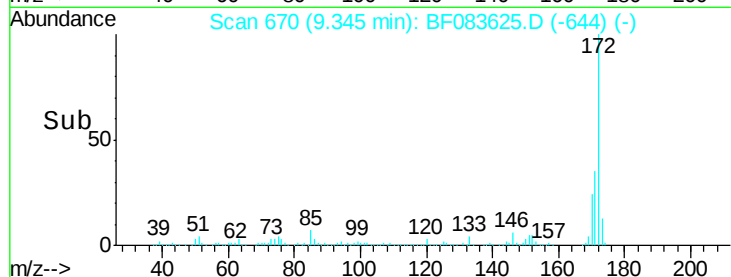
170 23.8 19.4 29.0



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: 12.38 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083625.D

Acq: 9 Dec 2015 6:38

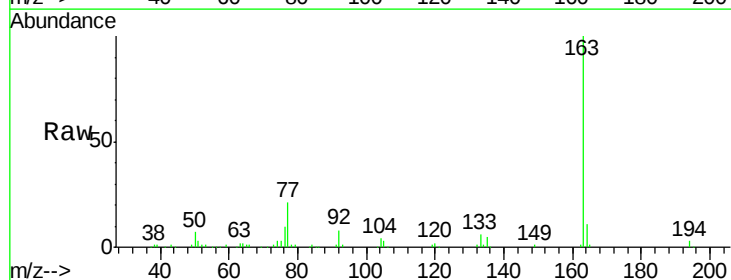
Tgt Ion:163 Resp: 186800

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

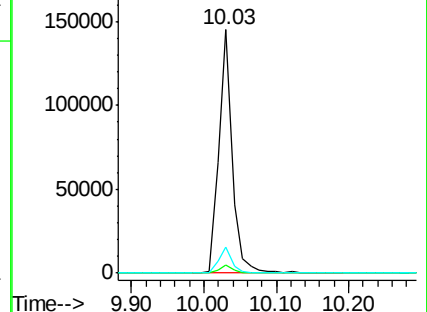
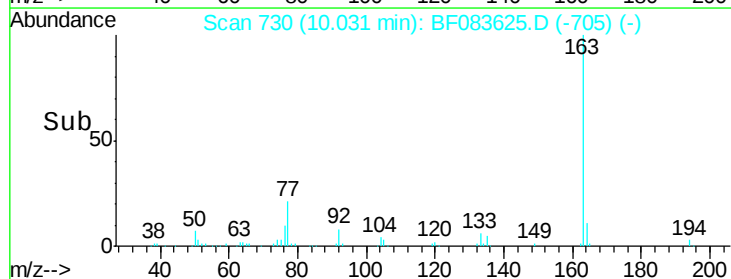
164 10.5 8.6 13.0

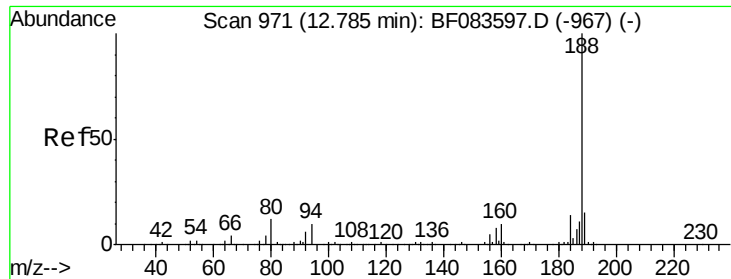


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

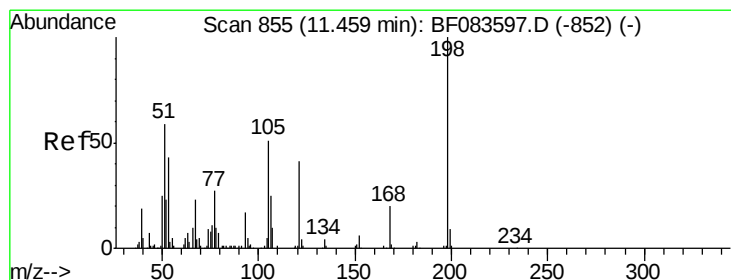
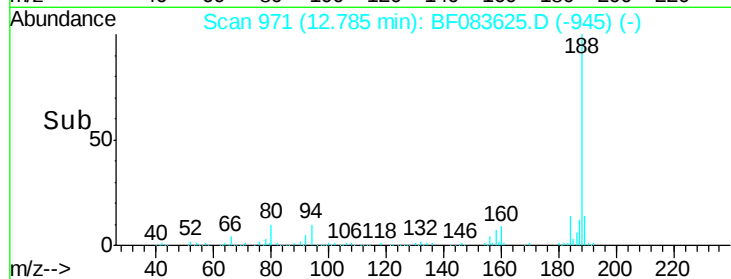
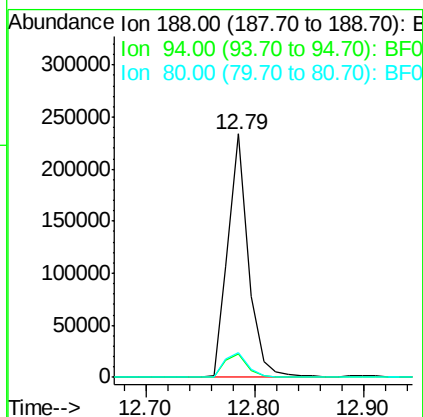
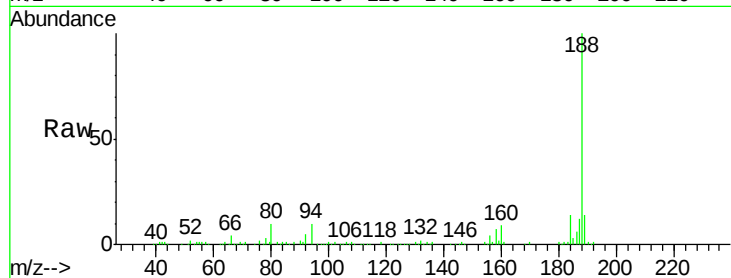




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083625.D
Acq: 9 Dec 2015 6:38

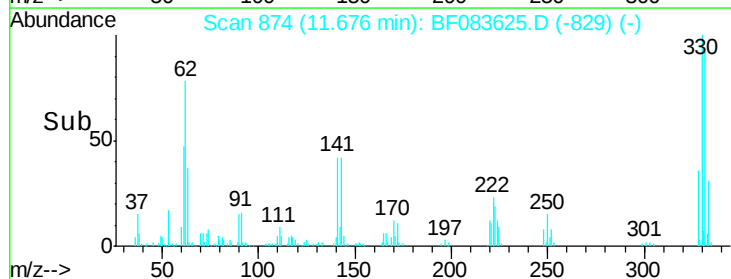
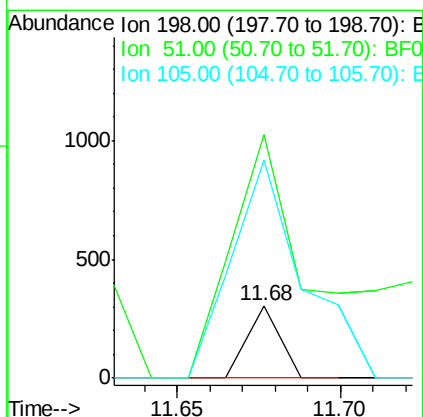
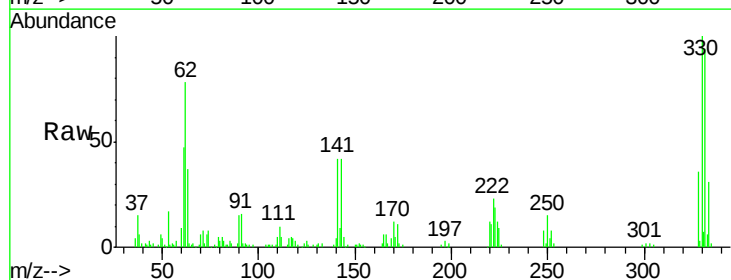
Instrument :
BNA_F
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BRIDGE14-4(0-2)

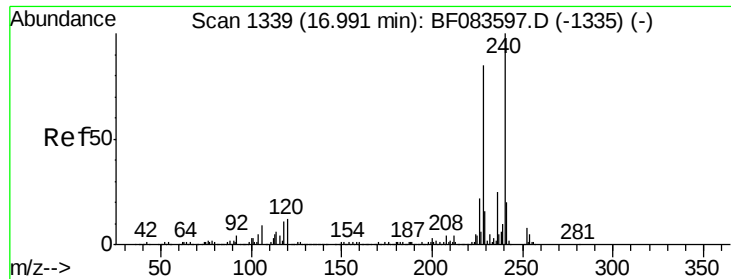
Tgt Ion:188 Resp: 308041
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.1 10.6 16.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.04 ng
RT: 11.68 min Scan# 874
Delta R.T. 0.22 min
Lab File: BF083625.D
Acq: 9 Dec 2015 6:38

Tgt Ion:198 Resp: 209
Ion Ratio Lower Upper
198 100
51 336.4 53.8 93.8#
105 301.6 38.6 78.6#

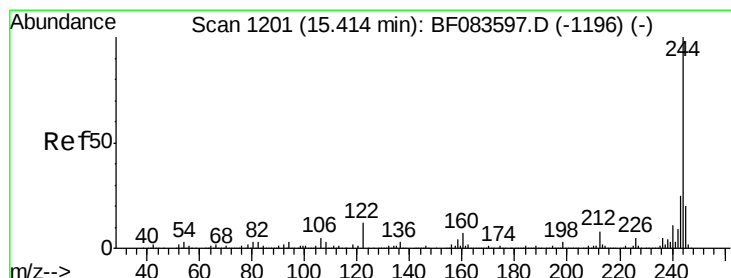
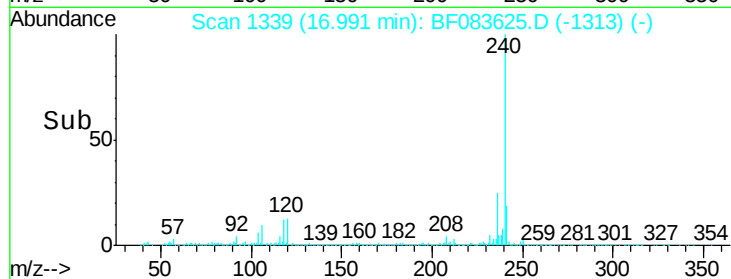
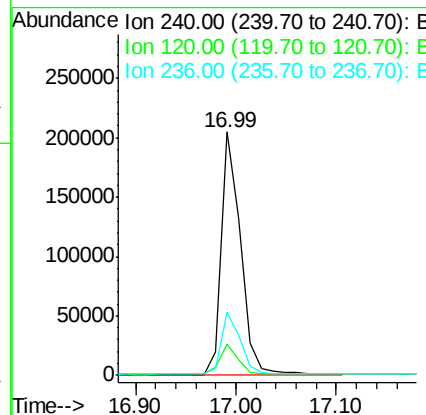
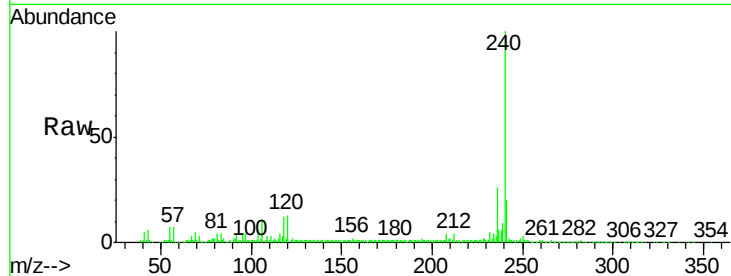




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.99 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF083625.D
Acq: 9 Dec 2015 6:38

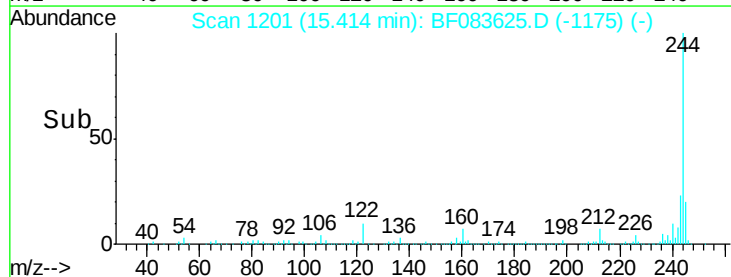
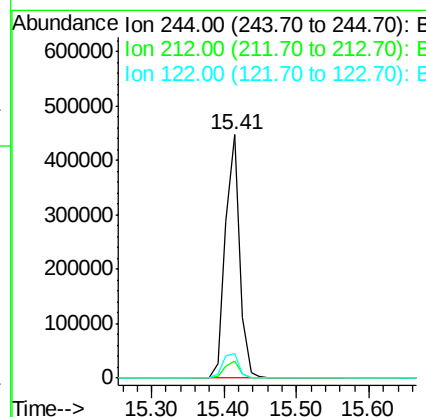
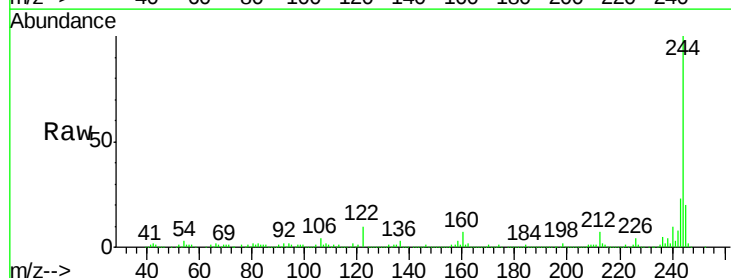
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-4(0-2)

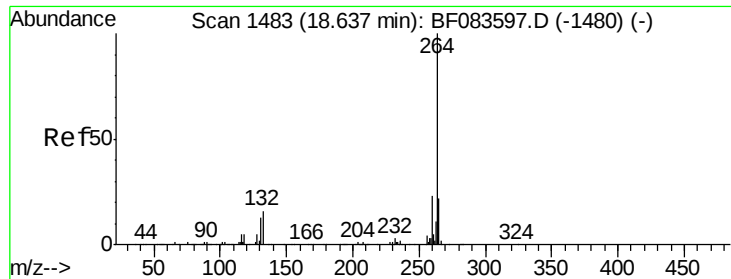
Tgt Ion:240 Resp: 271960
Ion Ratio Lower Upper
240 100
120 12.8 8.1 12.1#
236 25.9 20.8 31.2



#78
Terphenyl-d14
Concen: 53.17 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF083625.D
Acq: 9 Dec 2015 6:38

Tgt Ion:244 Resp: 614579
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 10.4 11.0 16.6#

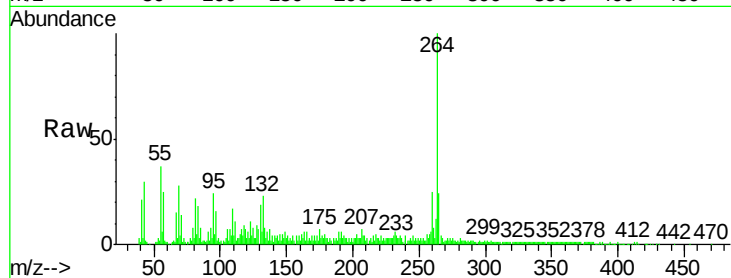




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083625.D
Acq: 9 Dec 2015 6:38

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-4(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	24.0	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

