

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083629.D
 Acq On : 9 Dec 2015 8:39
 Operator : UM/IZ
 Sample : G4647-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-8(0-2)

Quant Time: Dec 09 09:57:46 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

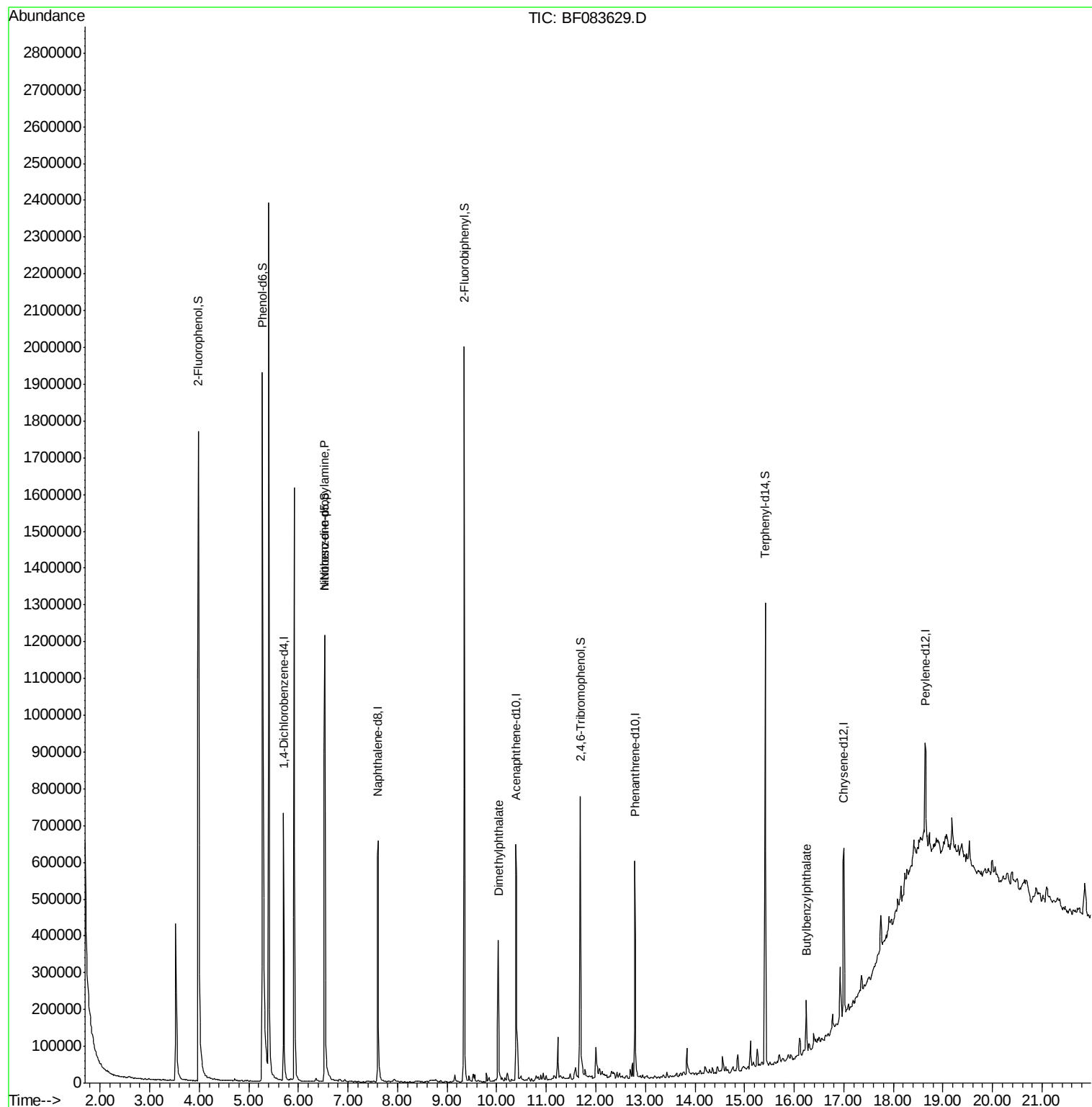
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	143898	20.00	ng	0.00
21) Naphthalene-d8	7.61	136	505574	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	208253	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	319734	20.00	ng	0.00
75) Chrysene-d12	17.00	240	268289	20.00	ng	0.01
86) Perylene-d12	18.65	264	165375	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	825255	86.98	ng	0.01
7) Phenol-d6	5.28	99	1139627	89.90	ng	0.00
23) Nitrobenzene-d5	6.53	82	658476	60.77	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	146095	78.74	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	802770	54.25	ng	0.00
78) Terphenyl-d14	15.41	244	548769	48.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	81007	9.15	ng	Qvalue # 79
49) Dimethylphthalate	10.03	163	210650	12.71	ng	99
79) Butylbenzylphthalate	16.25	149	41938	4.89	ng	99

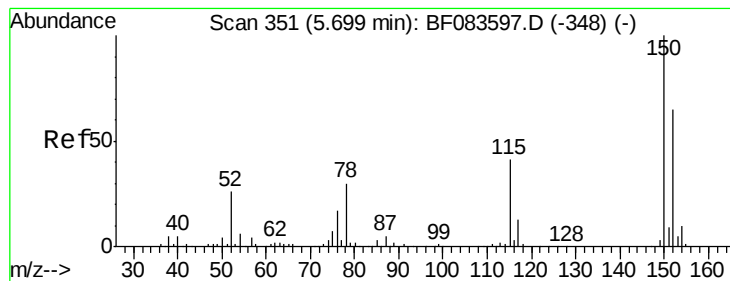
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-8(0-2)

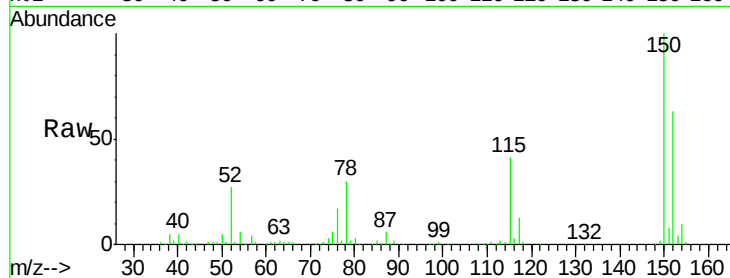
Tot Ion:152 Resp: 143898

Ion Ratio Lower Upper

152 100

150 159.3 126.5 189.7

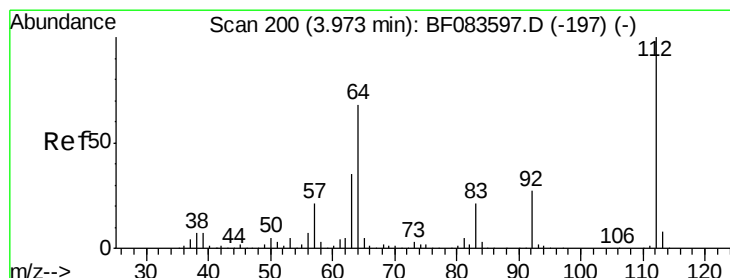
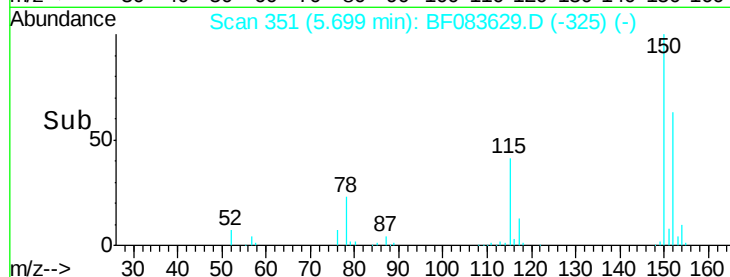
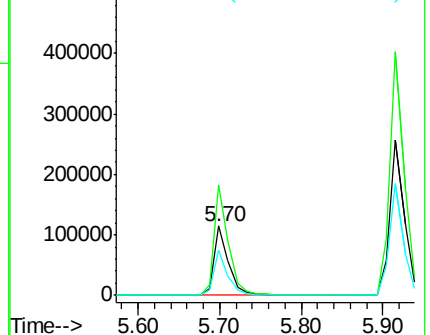
115 65.8 52.3 78.5



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: 86.98 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

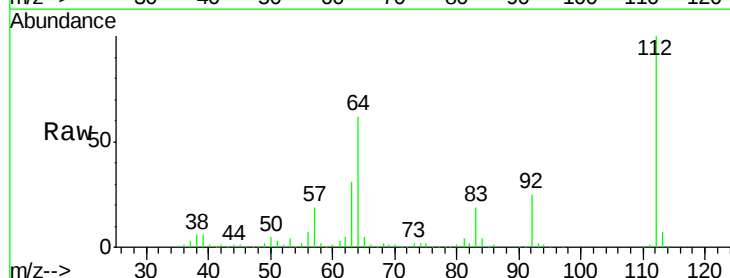
Tgt Ion:112 Resp: 825255

Ion Ratio Lower Upper

112 100

64 61.7 50.5 75.7

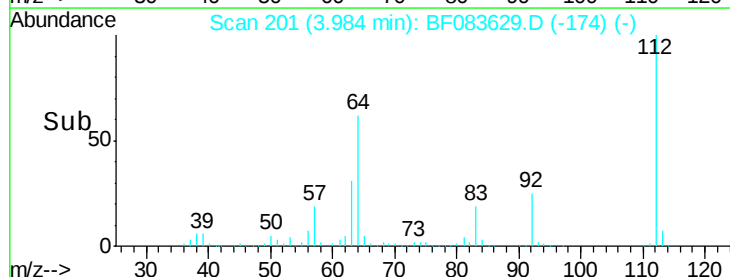
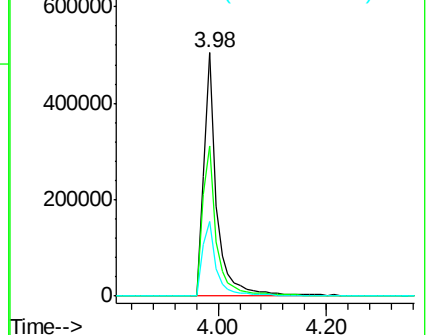
63 30.8 25.8 38.6

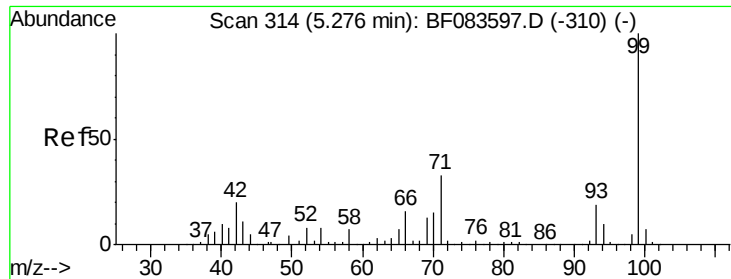


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.90 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

Instrument :

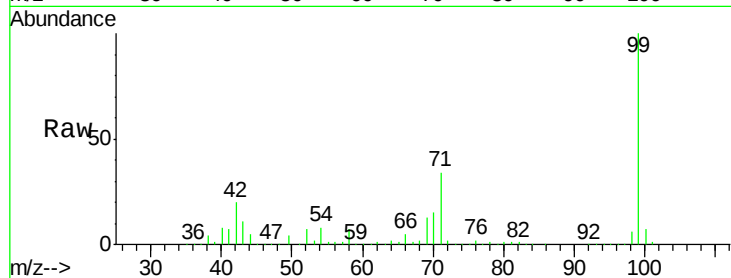
BNA_F

ClientSampleId :

BRIDGE14-8(0-2)

Tot Ion: 99 Resp: 1139627

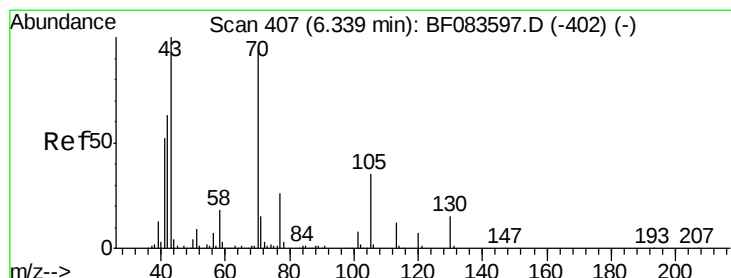
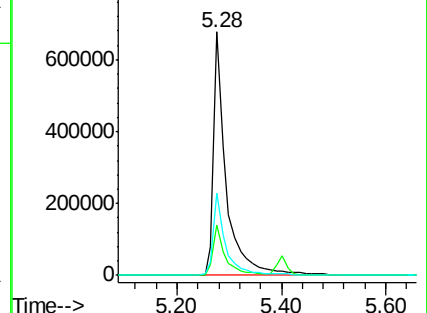
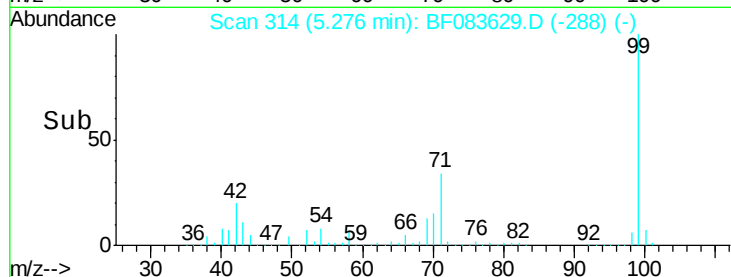
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.3	25.9
71	33.9	26.6	40.0



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: 9.15 ng

RT: 6.53 min Scan# 424

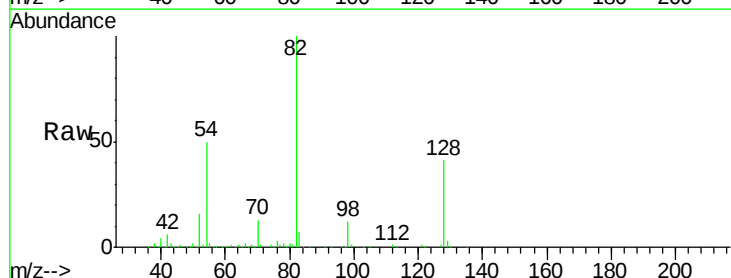
Delta R.T. 0.19 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

Tgt Ion: 70 Resp: 81007

Ion	Ratio	Lower	Upper
70	100		
42	50.3	49.2	73.8
101	0.0	7.1	10.7#
130	1.9	15.4	23.0#

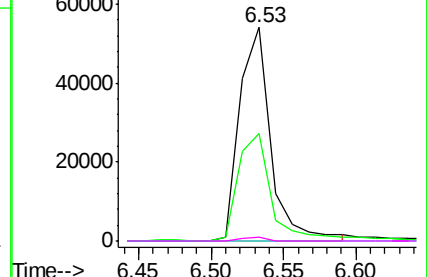
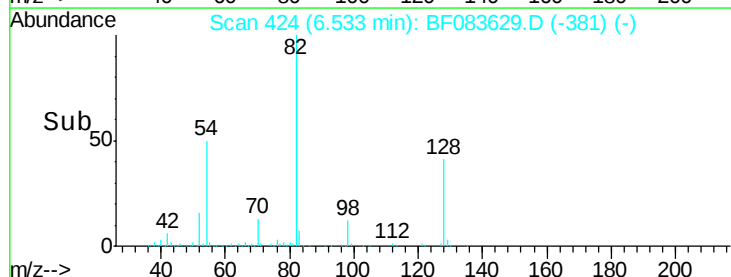


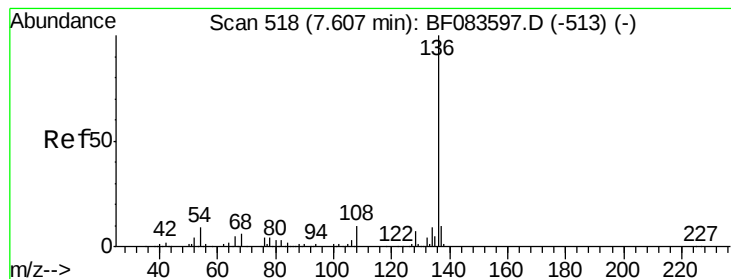
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-8(0-2)

Tot Ion:136 Resp: 505574

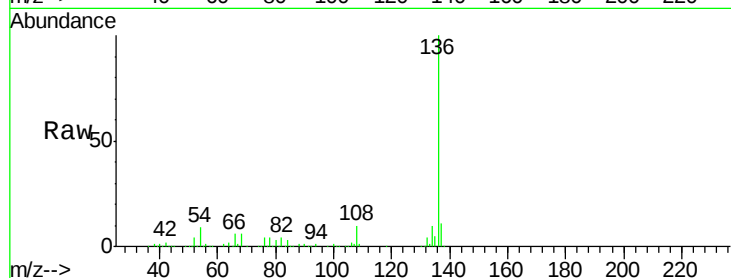
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.7 7.8 11.6

68 6.2 5.7 8.5

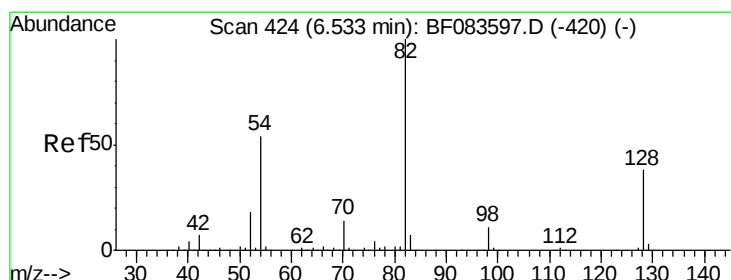
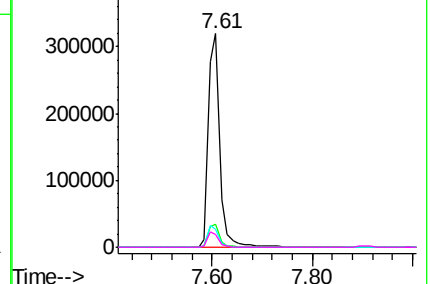
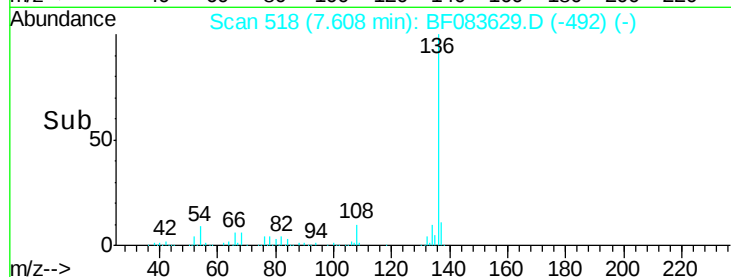


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.77 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

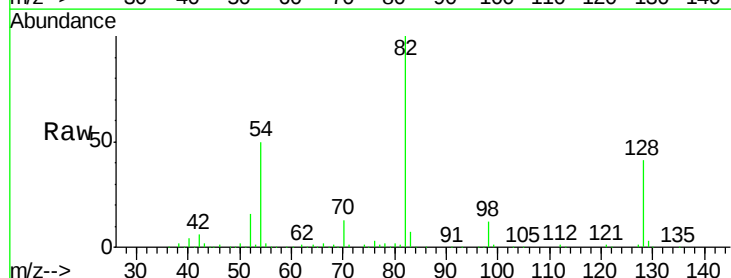
Tgt Ion: 82 Resp: 658476

Ion Ratio Lower Upper

82 100

128 41.2 30.7 46.1

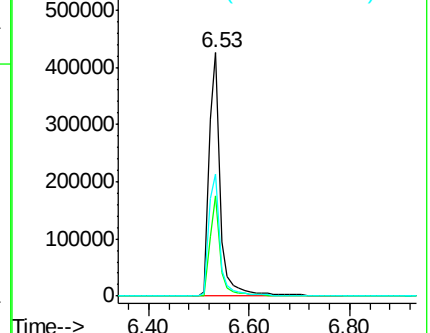
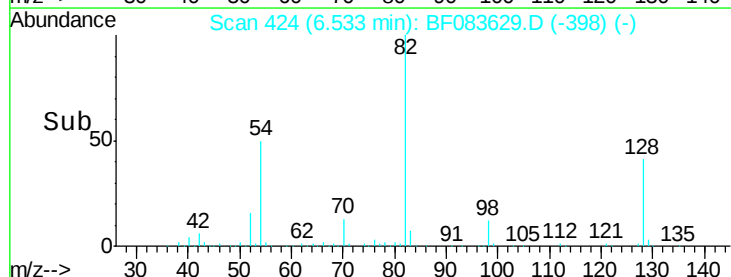
54 50.0 42.5 63.7

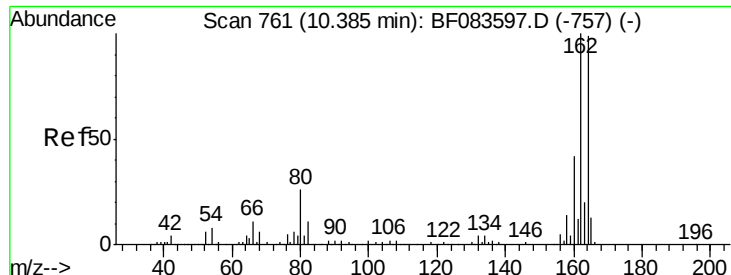


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF083629.D

Acq: 9 Dec 2015 8:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-8(0-2)

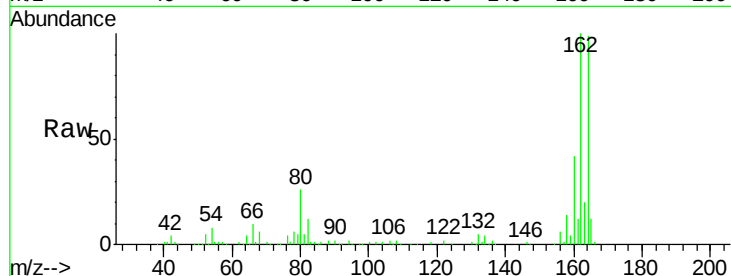
Tot Ion:164 Resp: 208253

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

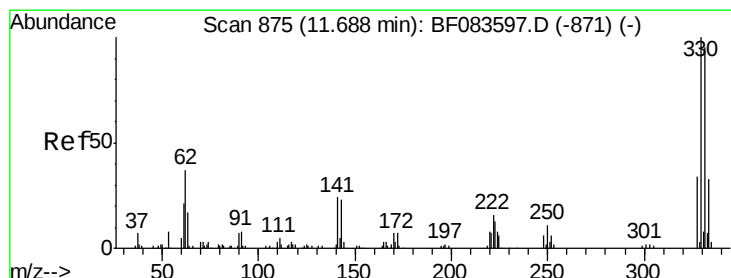
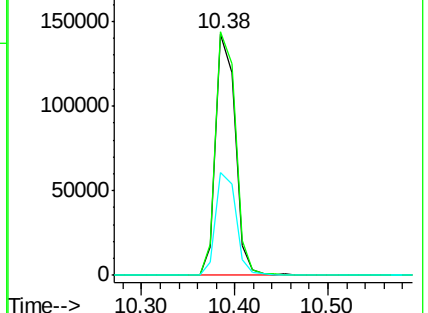
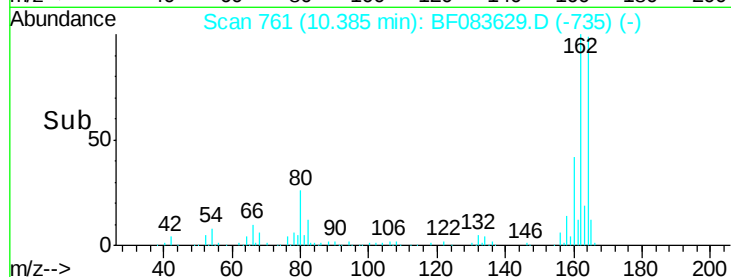
160 42.6 33.4 50.2



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: 78.74 ng

RT: 11.69 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

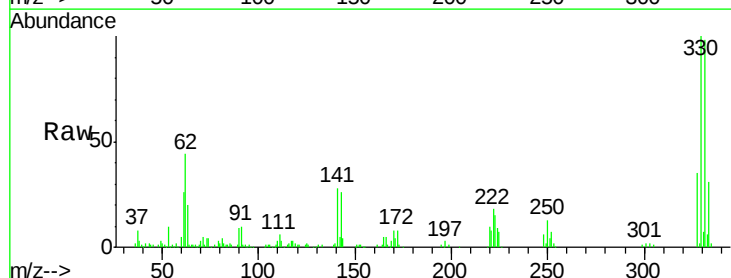
Tgt Ion:330 Resp: 146095

Ion Ratio Lower Upper

330 100

332 99.1 0.0 0.0#

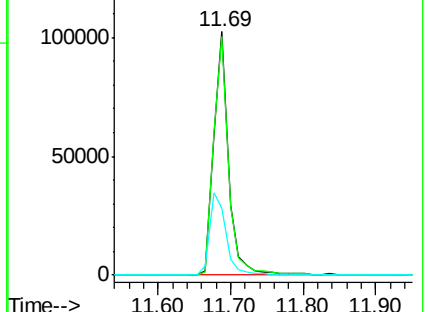
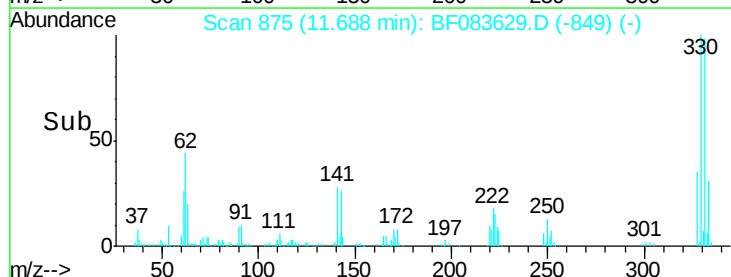
141 37.5 0.0 0.0#

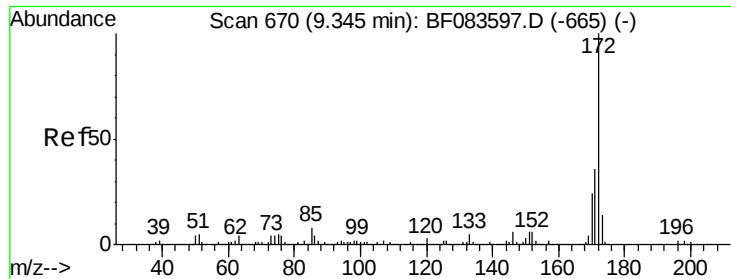


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 54.25 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-8(0-2)

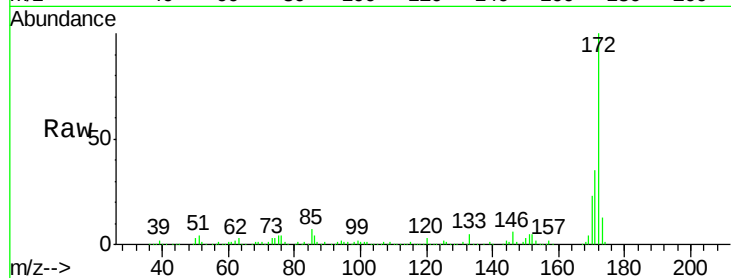
Tot Ion:172 Resp: 802770

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

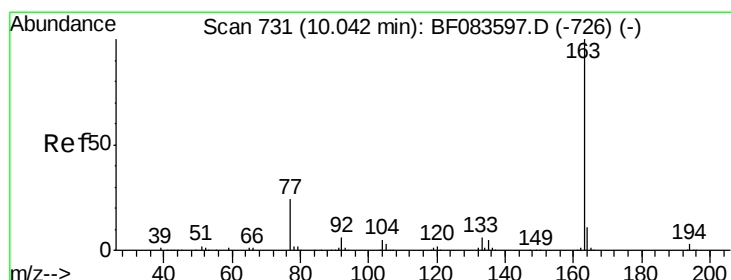
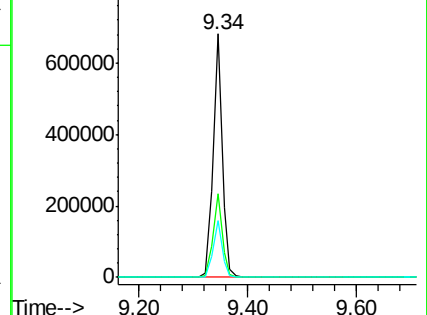
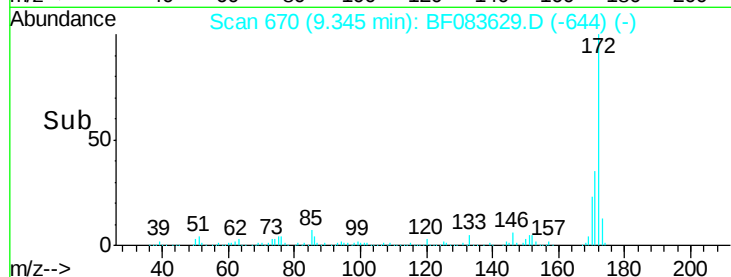
170 23.3 19.4 29.0



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: 12.71 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

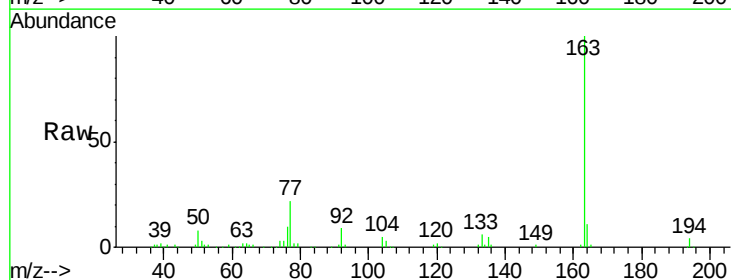
Tgt Ion:163 Resp: 210650

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

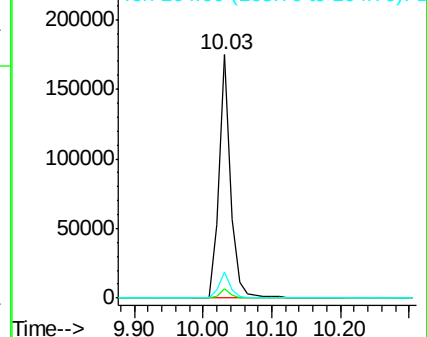
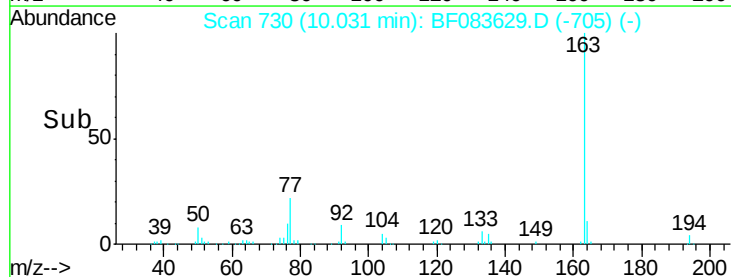
164 10.5 8.6 13.0

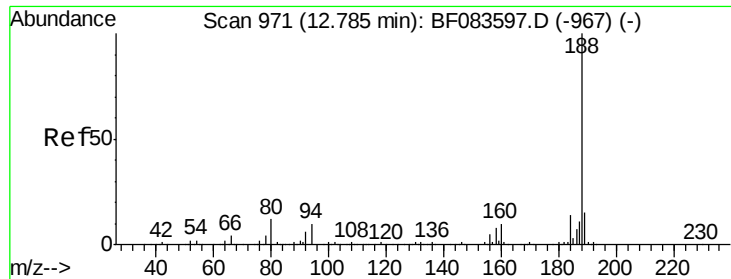


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

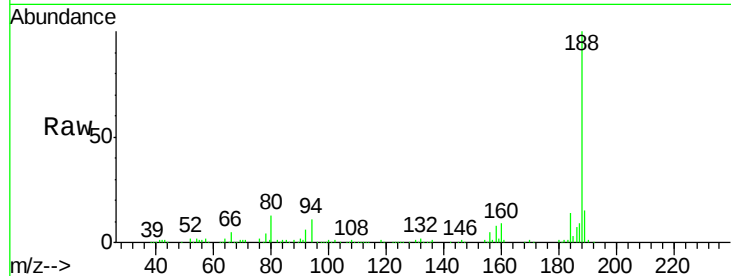




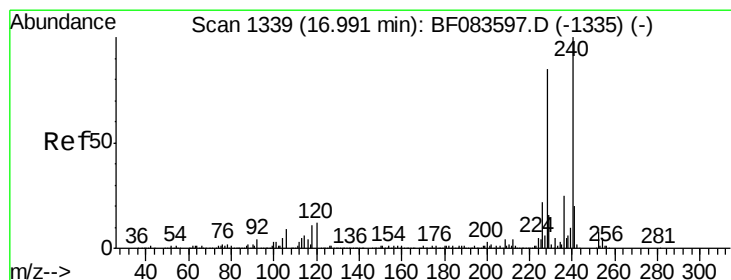
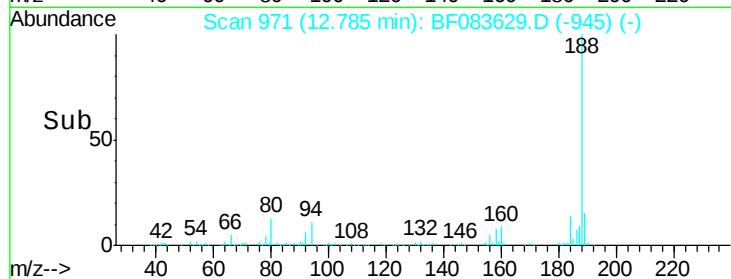
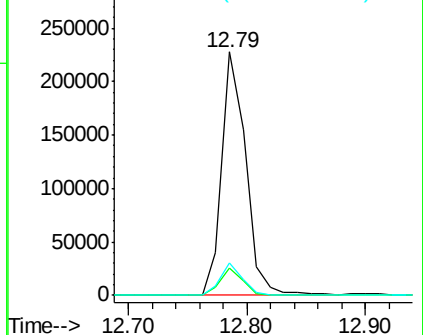
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083629.D
Acq: 9 Dec 2015 8:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-8(0-2)

Tot Ion:188 Resp: 319734
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 13.1 10.6 16.0

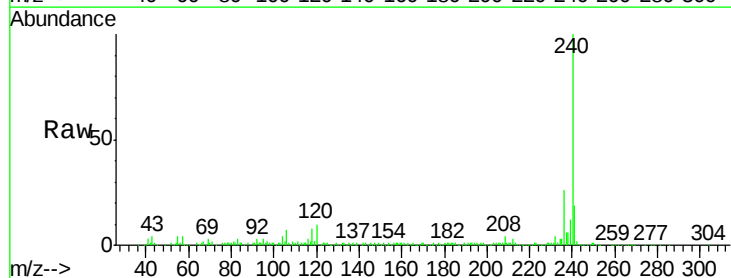


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

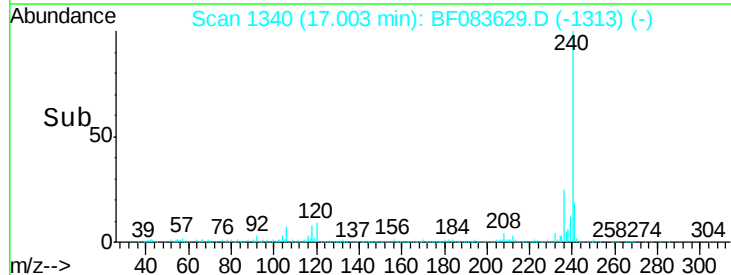
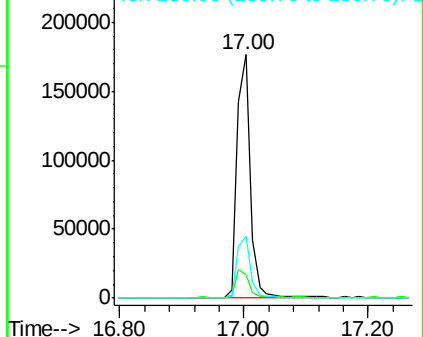


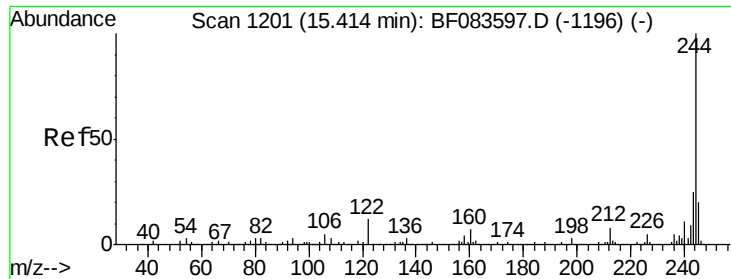
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.00 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF083629.D
Acq: 9 Dec 2015 8:39

Tgt Ion:240 Resp: 268289
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.7 20.8 31.2



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: 48.13 ng

RT: 15.41 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-8(0-2)

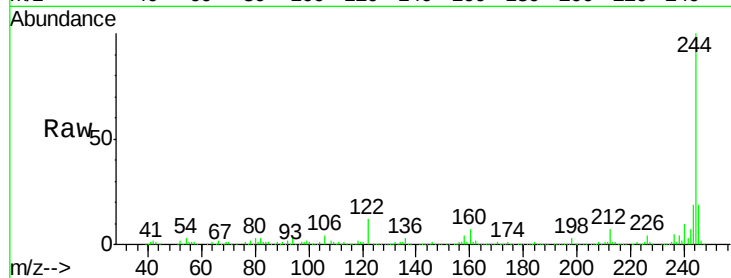
Tot Ion:244 Resp: 548769

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

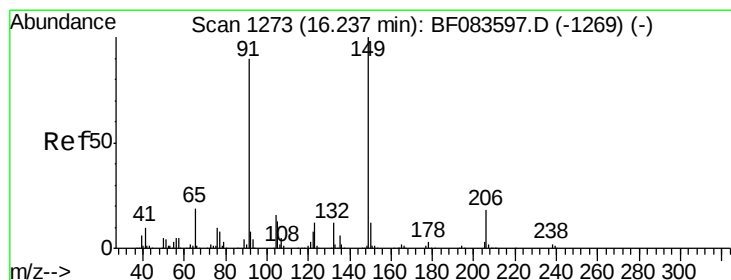
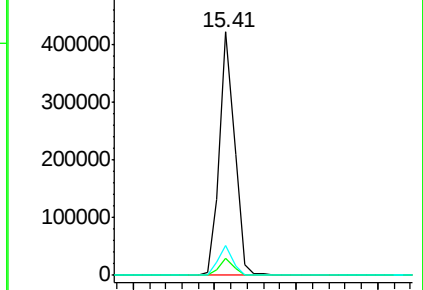
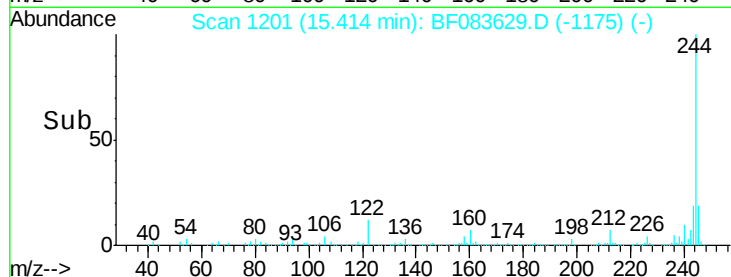
122 12.2 11.0 16.6



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



#79

Butylbenzylphthalate

Concen: 4.89 ng

RT: 16.25 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF083629.D

Acq: 9 Dec 2015 8:39

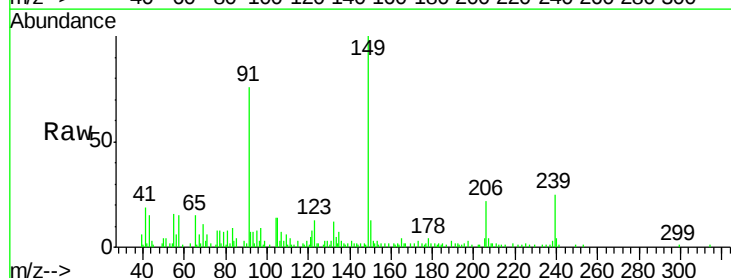
Tgt Ion:149 Resp: 41938

Ion Ratio Lower Upper

149 100

91 75.5 60.0 90.0

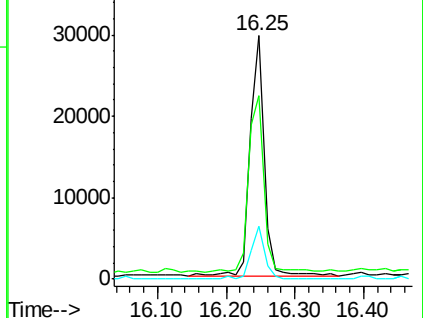
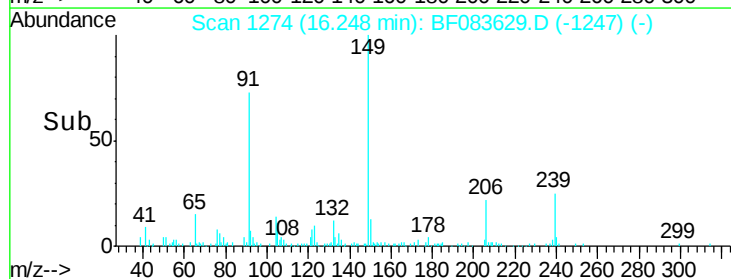
206 21.6 16.2 24.4

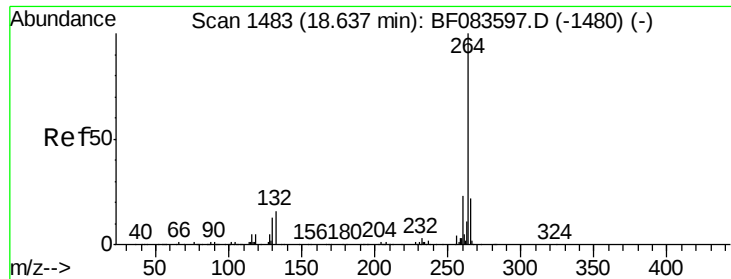


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

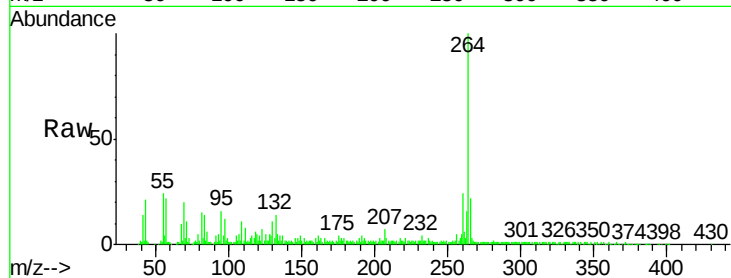




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF083629.D
Acq: 9 Dec 2015 8:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-8(0-2)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	19.4	29.0	
265	22.0	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

