

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083619.D
 Acq On : 9 Dec 2015 3:38
 Operator : UM/IZ
 Sample : G4650-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-13(0-2)

Quant Time: Dec 09 05:58:20 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

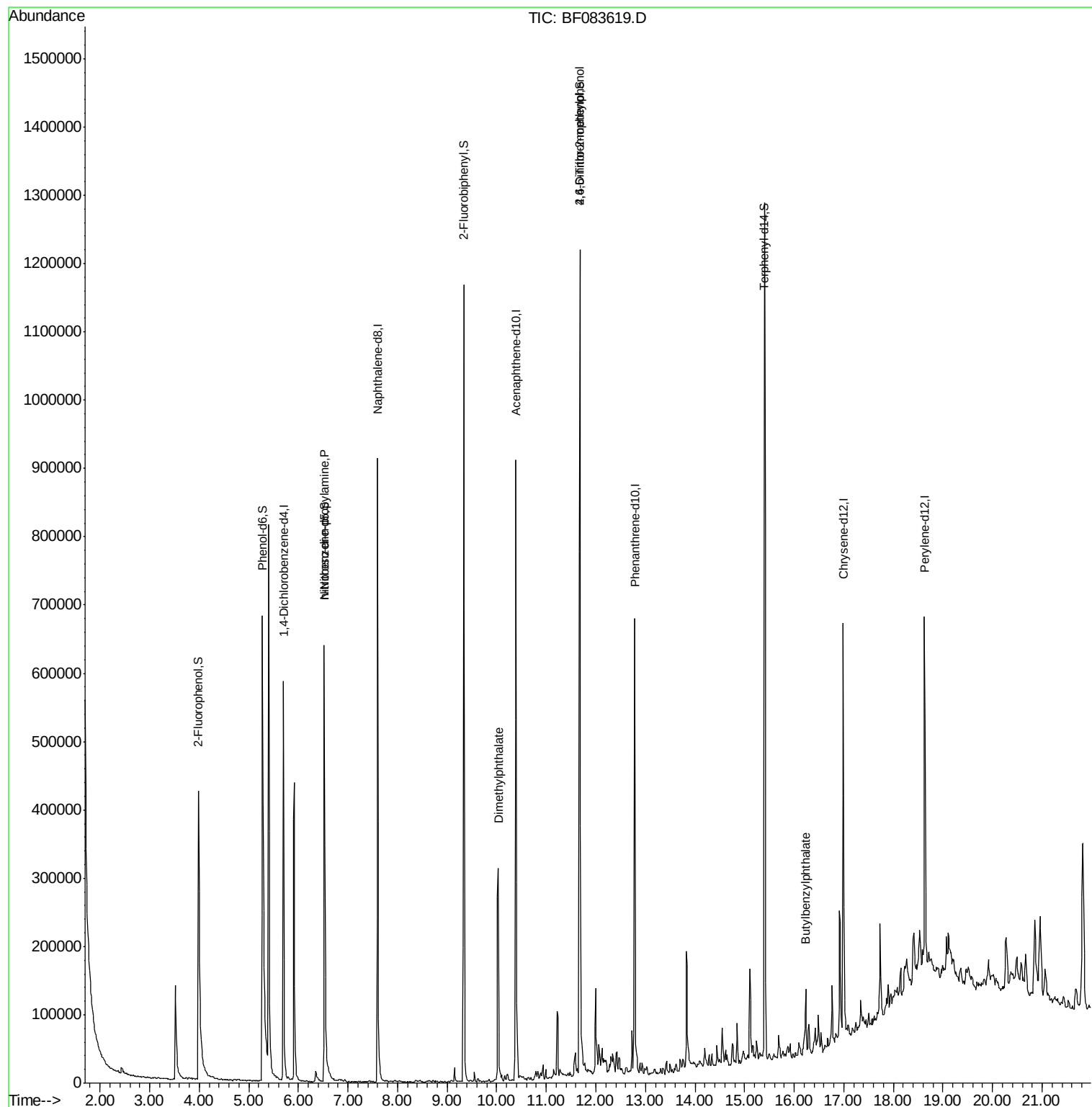
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	152383	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	566280	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	264842	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	427142	20.00	ng	0.00
75) Chrysene-d12	16.99	240	283964	20.00	ng	0.00
86) Perylene-d12	18.63	264	275210	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	269593	26.83	ng	0.01
7) Phenol-d6	5.28	99	563362	41.97	ng	0.00
23) Nitrobenzene-d5	6.52	82	344071	28.35	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	198302	84.04	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	519938	27.63	ng	-0.01
78) Terphenyl-d14	15.40	244	570840	47.30	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	39189	4.18	ng	# 80
49) Dimethylphthalate	10.03	163	214572	10.18	ng	98
64) 4,6-Dinitro-2-methylphenol	11.68	198	226	2.02	ng	# 1
79) Butylbenzylphthalate	16.24	149	21941	2.42	ng	91

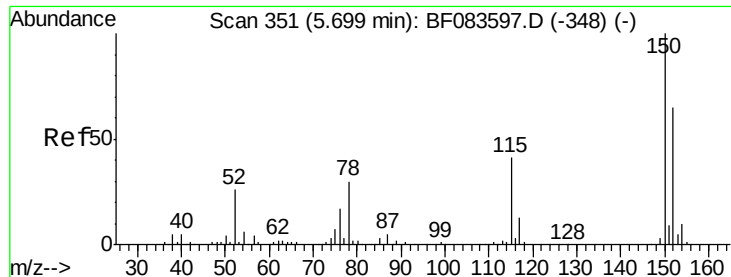
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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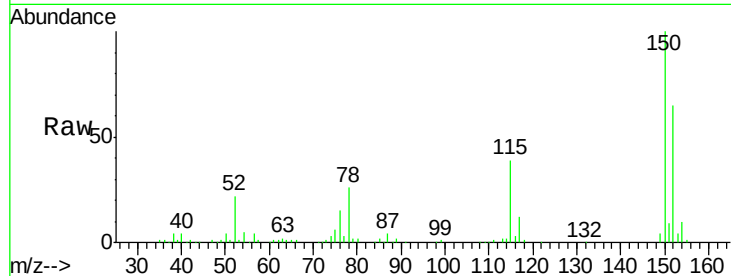


#1

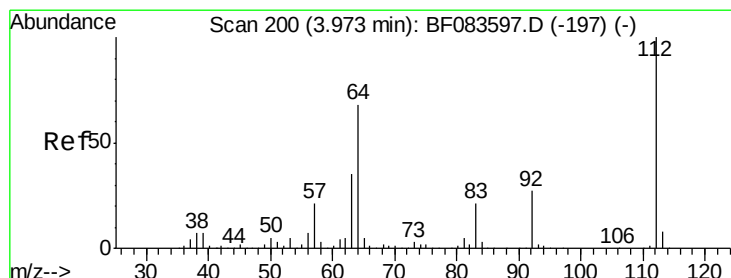
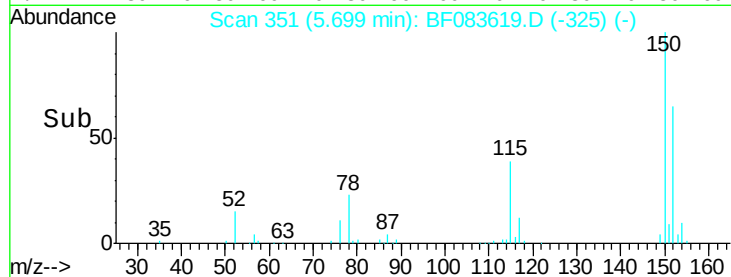
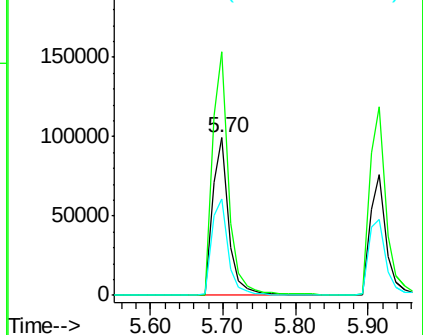
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083619.D
Acq: 9 Dec 2015 3:38

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

Tgt Ion:152 Resp: 152383
Ion Ratio Lower Upper
152 100
150 154.3 126.5 189.7
115 60.8 52.3 78.5



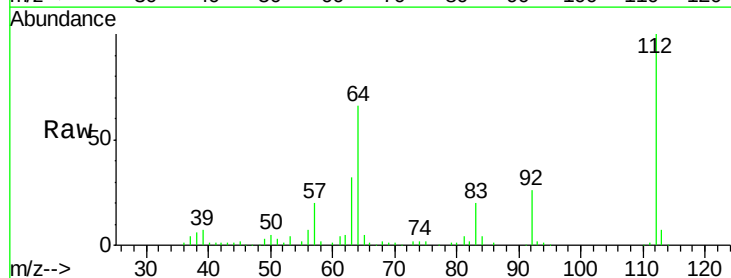
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



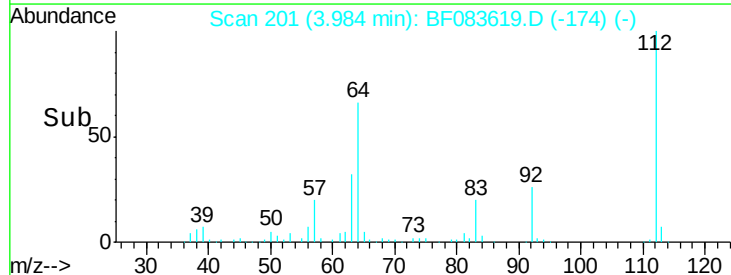
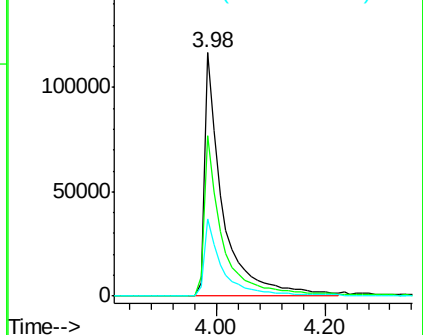
#5

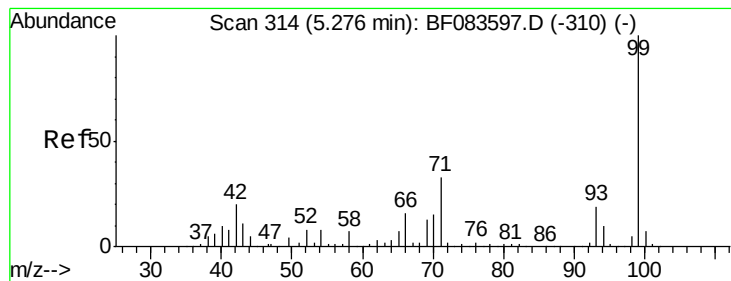
2-Fluorophenol
Concen: 26.83 ng
RT: 3.98 min Scan# 201
Delta R.T. 0.01 min
Lab File: BF083619.D
Acq: 9 Dec 2015 3:38

Tgt Ion:112 Resp: 269593
Ion Ratio Lower Upper
112 100
64 66.1 50.5 75.7
63 31.8 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: 41.97 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083619.D

Acq: 9 Dec 2015 3:38

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-13(0-2)

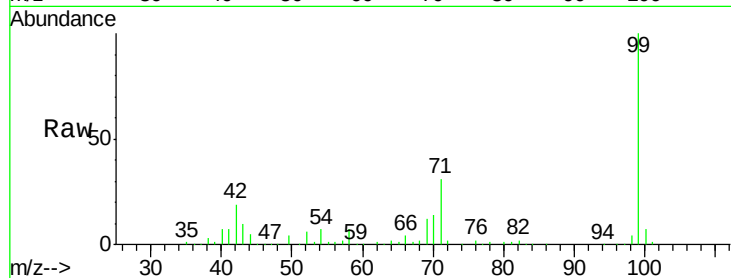
Tgt Ion: 99 Resp: 563362

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

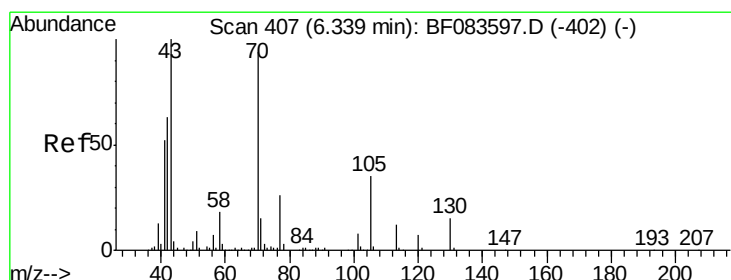
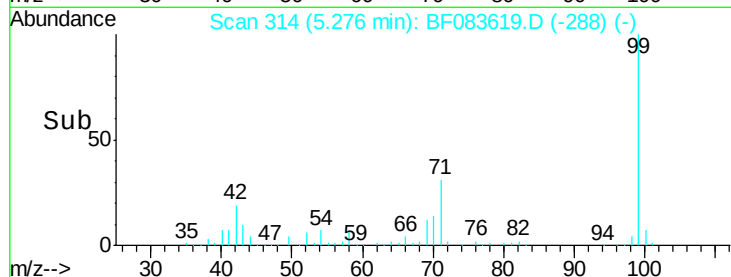
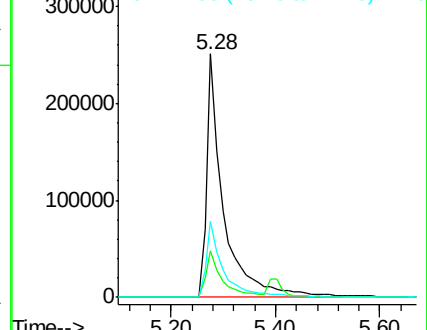
71 31.4 26.6 40.0



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: 4.18 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.18 min

Lab File: BF083619.D

Acq: 9 Dec 2015 3:38

Tgt Ion: 70 Resp: 39189

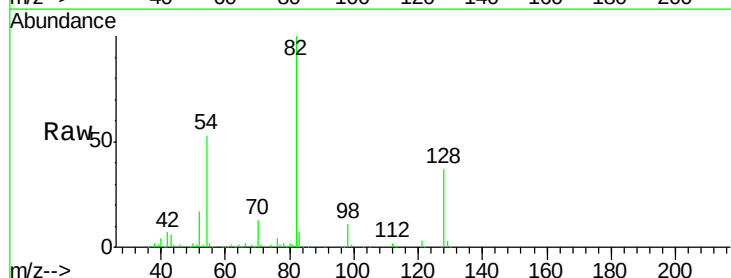
Ion Ratio Lower Upper

70 100

42 51.8 49.2 73.8

101 0.0 7.1 10.7#

130 1.5 15.4 23.0#

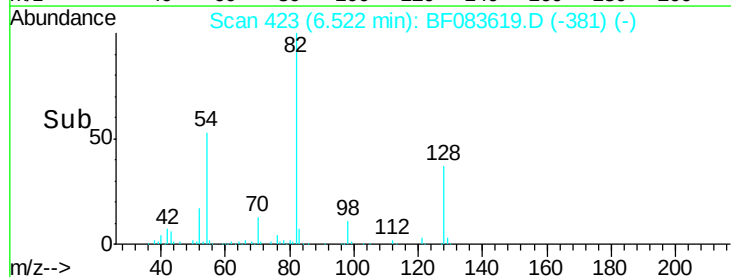
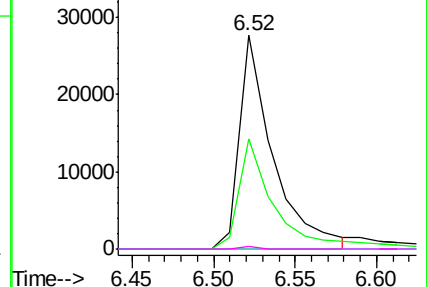


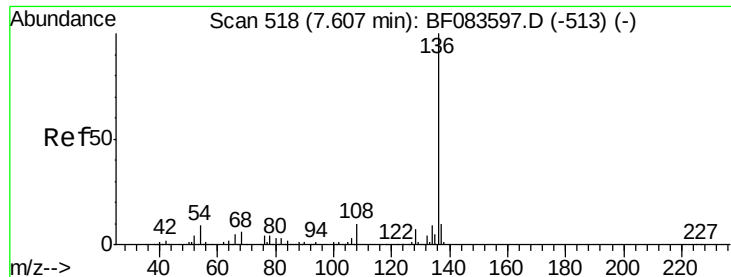
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

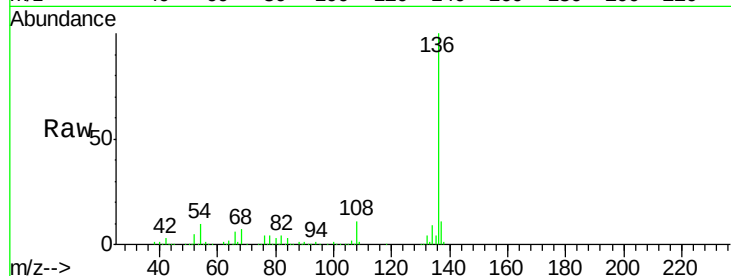




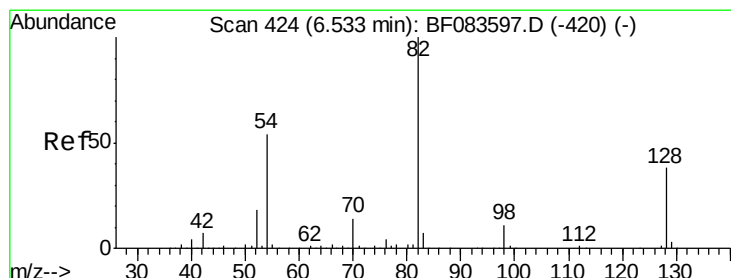
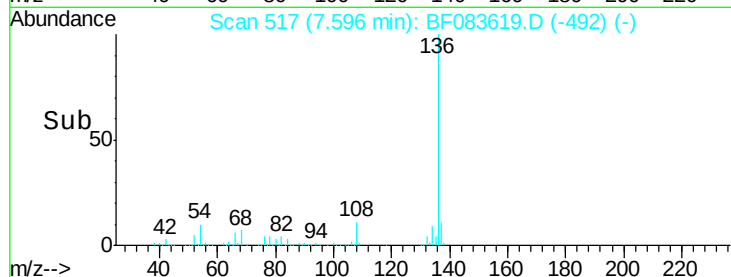
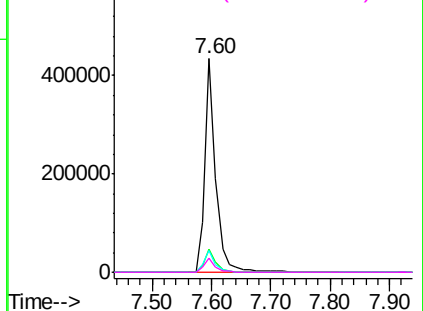
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083619.D
Acq: 9 Dec 2015 3:38

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

Tgt Ion:	136	Resp:	566280
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.4	7.8	11.6
68	6.9	5.7	8.5

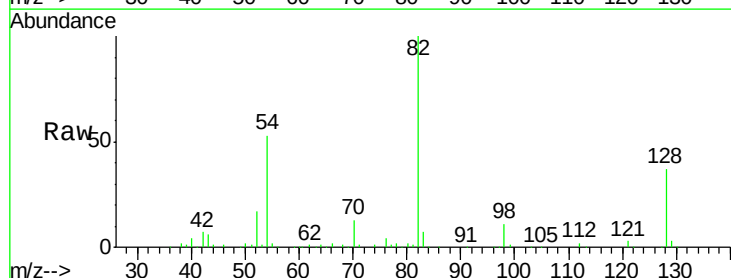


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

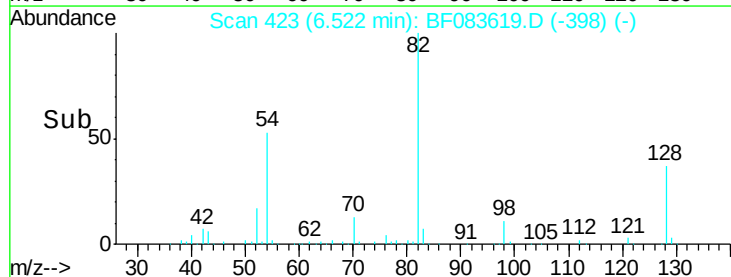
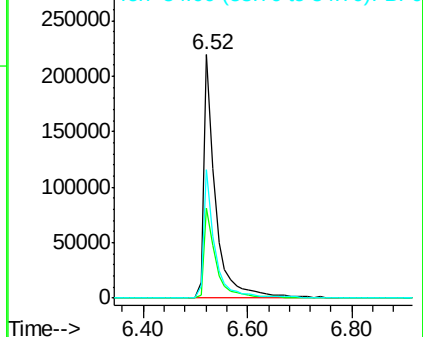


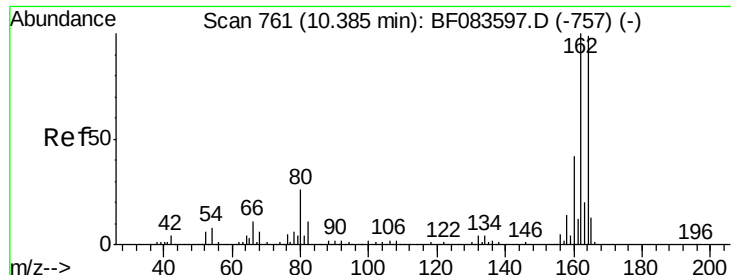
#23
Nitrobenzene-d5
Concen: 28.35 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083619.D
Acq: 9 Dec 2015 3:38

Tgt Ion:	82	Resp:	344071
Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.7	46.1
54	52.5	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

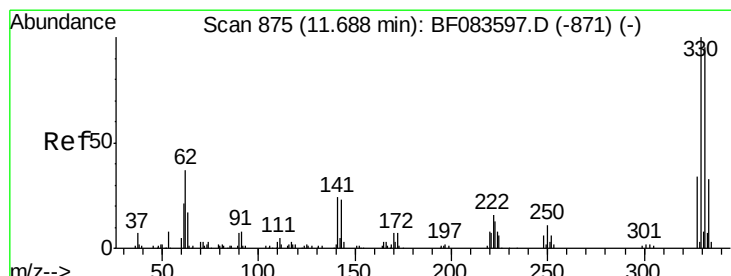
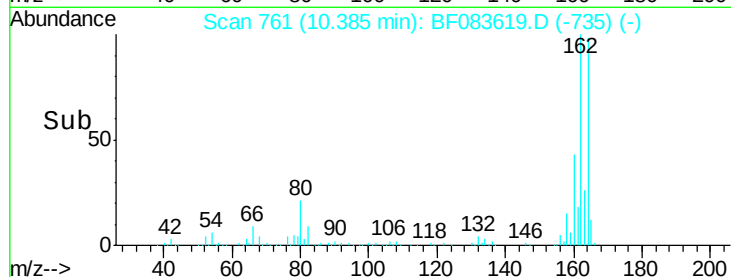
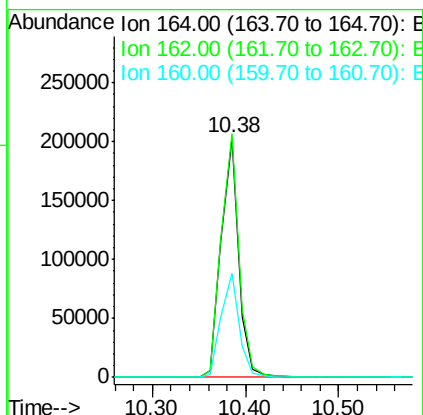
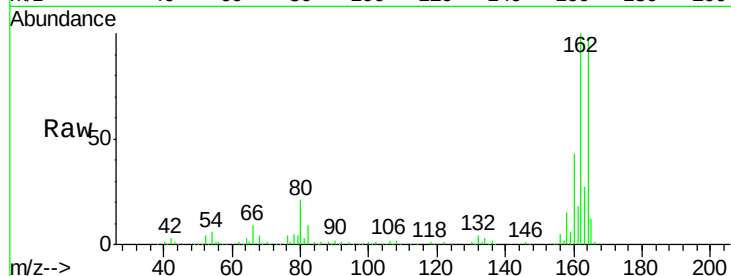




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083619.D
 Acq: 9 Dec 2015 3:38

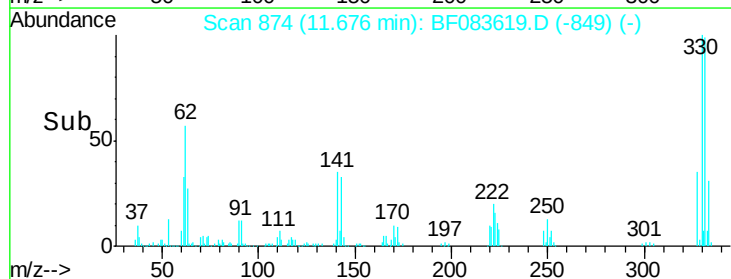
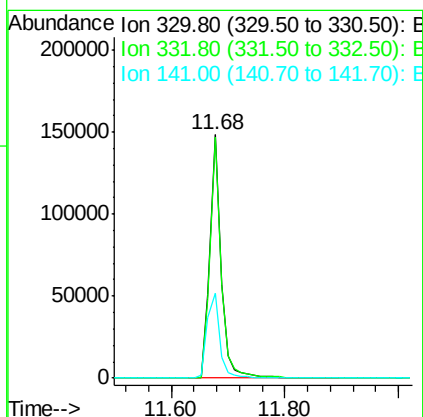
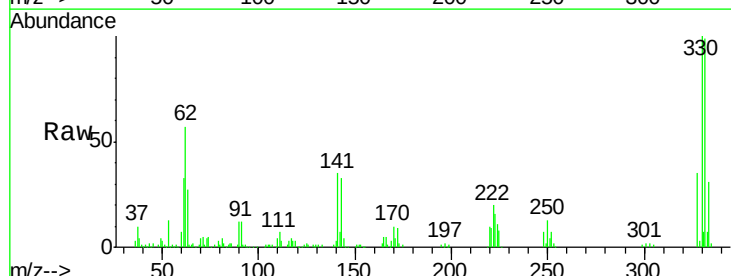
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-13(0-2)

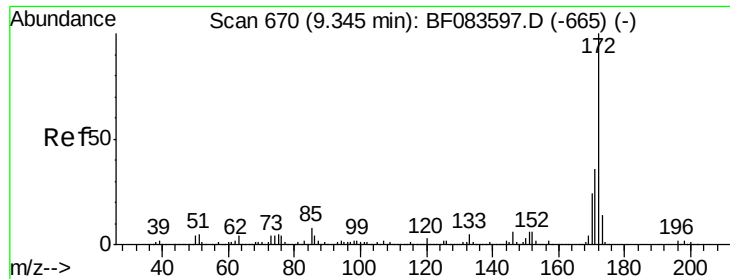
Tgt Ion:164 Resp: 264842
 Ion Ratio Lower Upper
 164 100
 162 102.0 78.8 118.2
 160 43.8 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 84.04 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083619.D
 Acq: 9 Dec 2015 3:38

Tgt Ion:330 Resp: 198302
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 38.8 0.0 0.0#

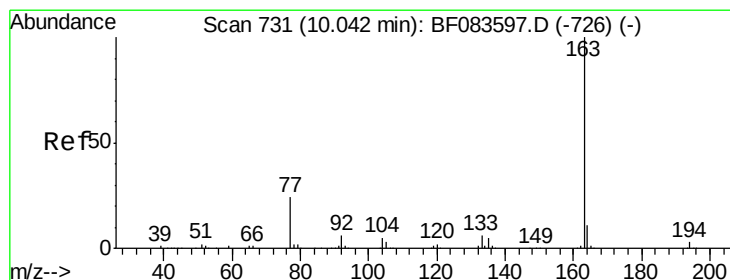
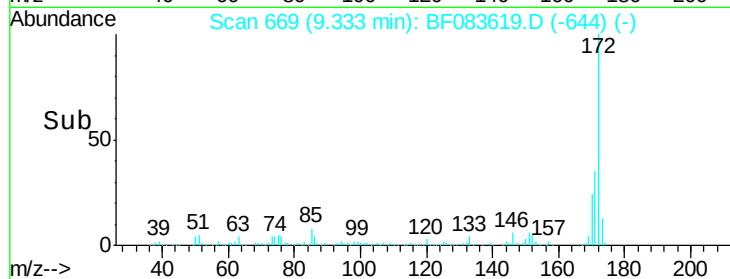
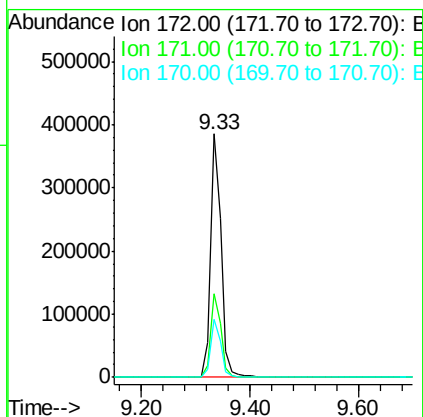
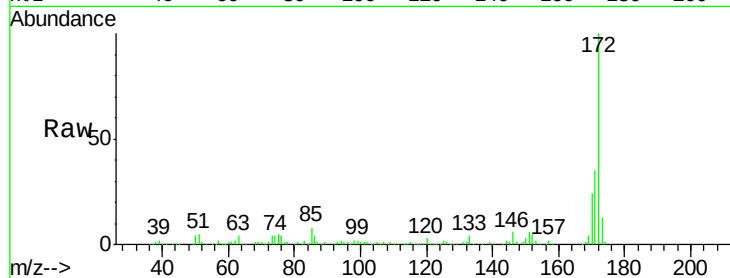




#44
2-Fluorobiphenyl
Concen: 27.63 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083619.D
Acq: 9 Dec 2015 3:38

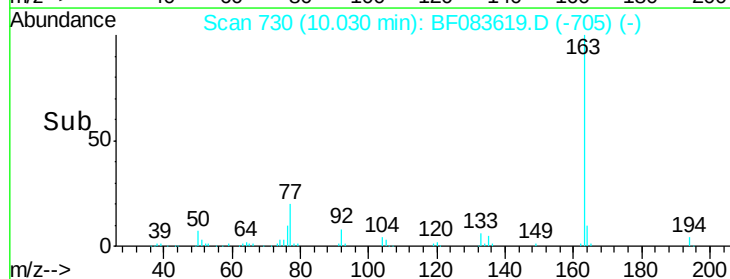
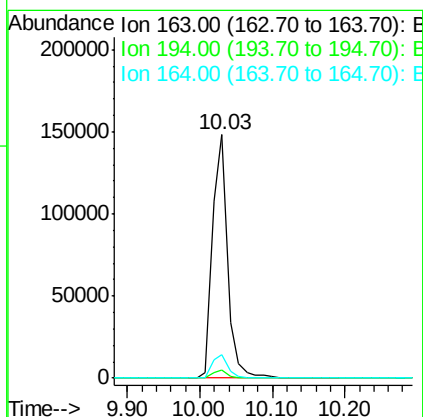
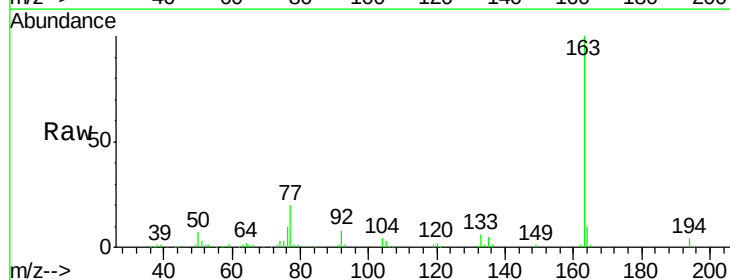
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

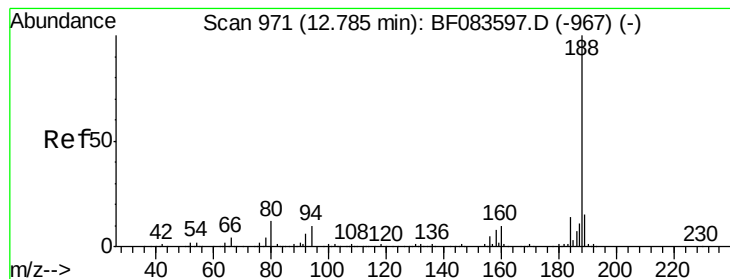
Tgt Ion:172 Resp: 519938
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.7 19.4 29.0



#49
Dimethylphthalate
Concen: 10.18 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF083619.D
Acq: 9 Dec 2015 3:38

Tgt Ion:163 Resp: 214572
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 8.6 13.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.78 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083619.D

Acq: 9 Dec 2015 3:38

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-13(0-2)

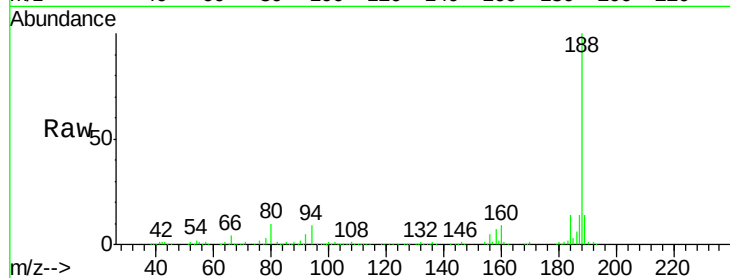
Tgt Ion:188 Resp: 427142

Ion Ratio Lower Upper

188 100

94 8.7 9.4 14.2#

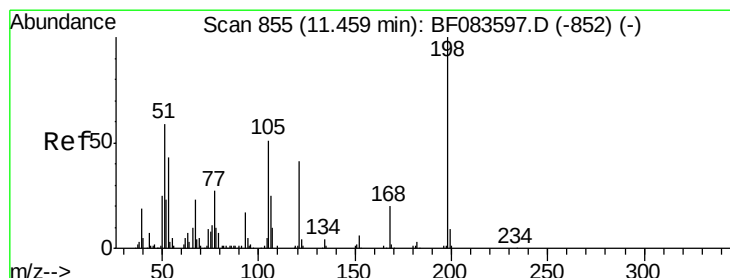
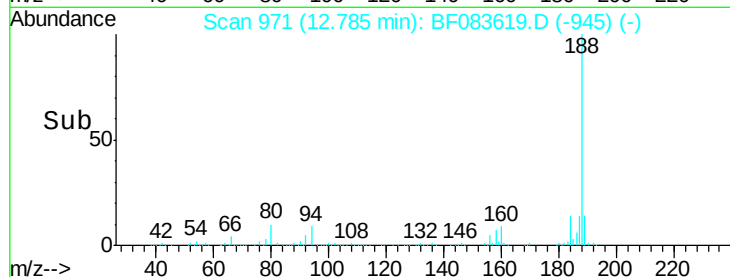
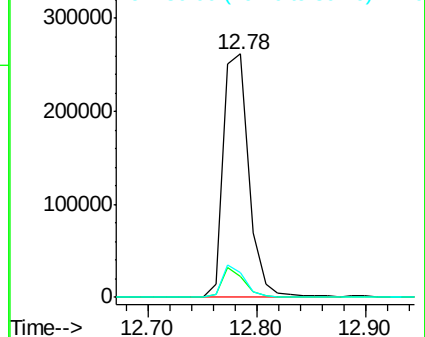
80 10.3 10.6 16.0#



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: 2.02 ng

RT: 11.68 min Scan# 874

Delta R.T. 0.22 min

Lab File: BF083619.D

Acq: 9 Dec 2015 3:38

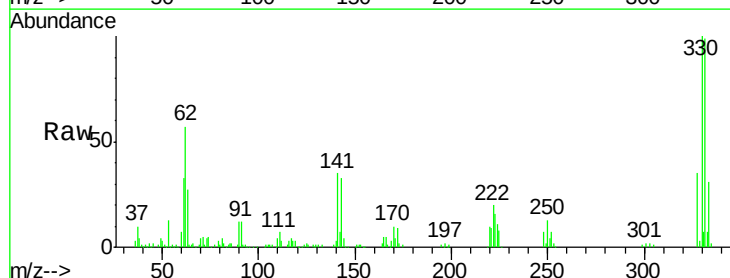
Tgt Ion:198 Resp: 226

Ion Ratio Lower Upper

198 100

51 241.2 53.8 93.8#

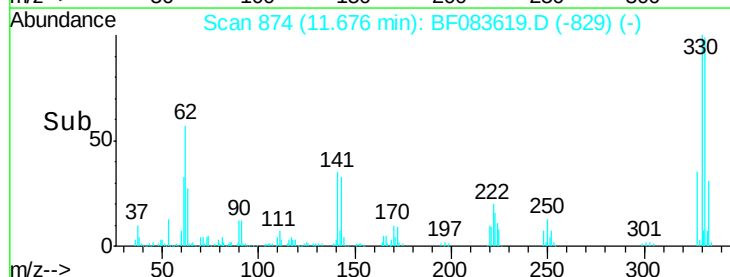
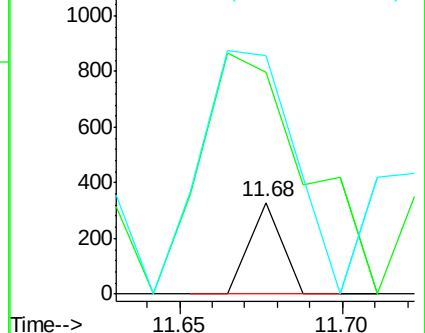
105 259.4 38.6 78.6#

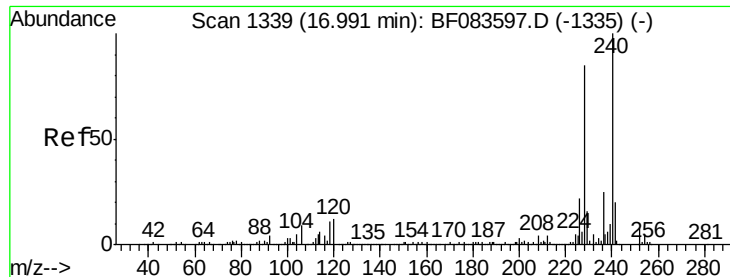


Abundance Ion 198.00 (197.70 to 198.70): E

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: BF083619.D

Acq: 9 Dec 2015 3:38

Instrument :

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ClientSampleId :

BRIDGE14-13(0-2)

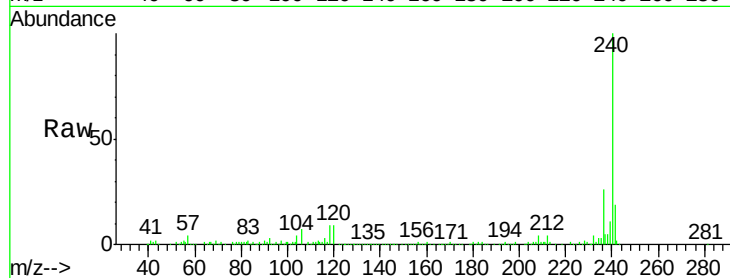
Tgt Ion:240 Resp: 283964

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

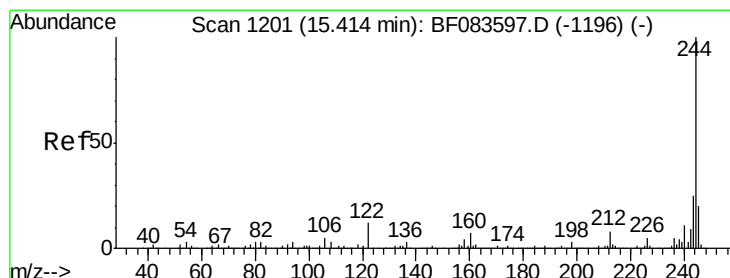
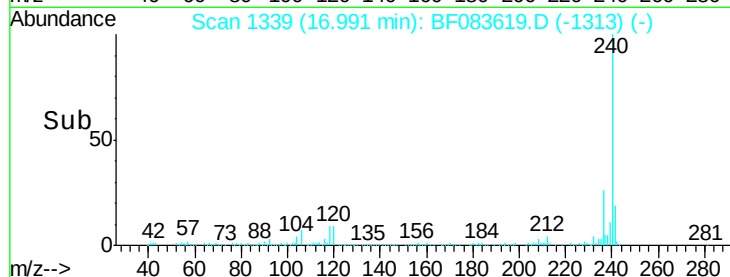
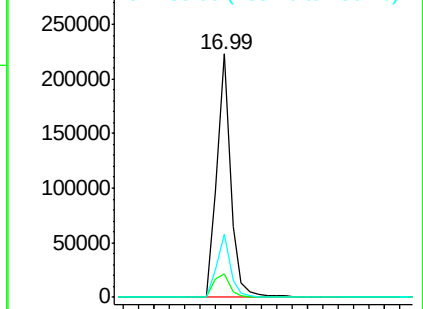
236 25.7 20.8 31.2



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: 47.30 ng

RT: 15.40 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF083619.D

Acq: 9 Dec 2015 3:38

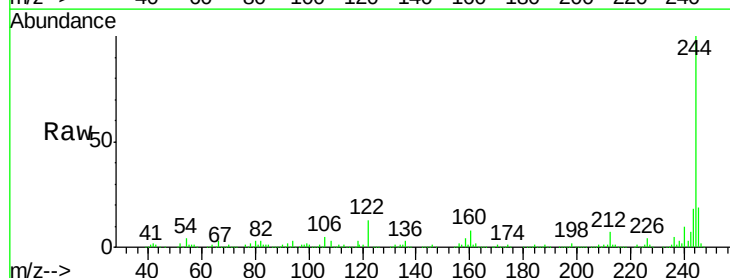
Tgt Ion:244 Resp: 570840

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

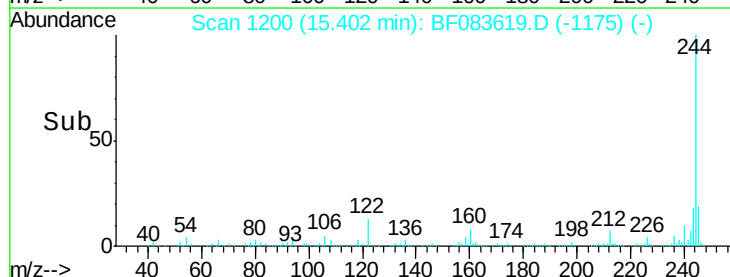
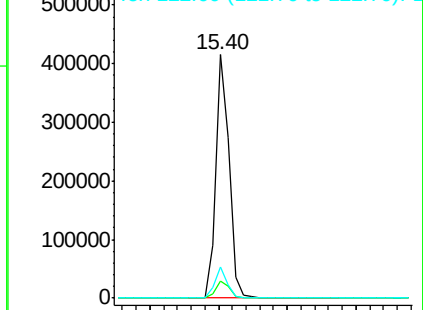
122 13.0 11.0 16.6

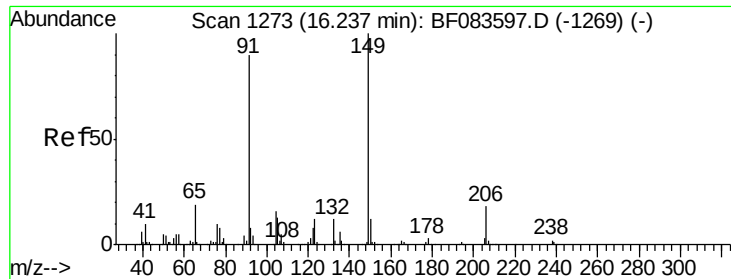


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

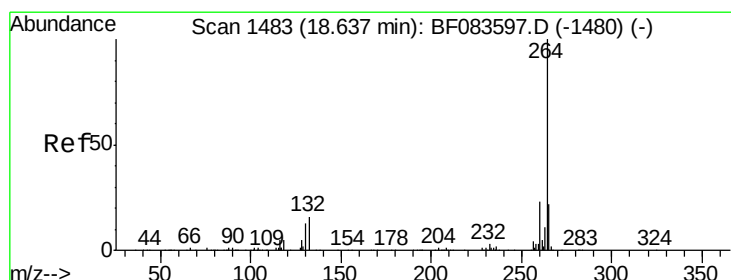
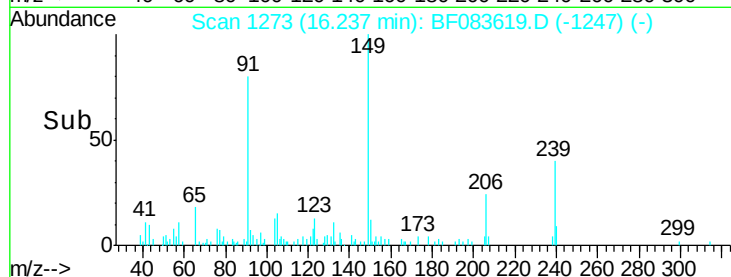
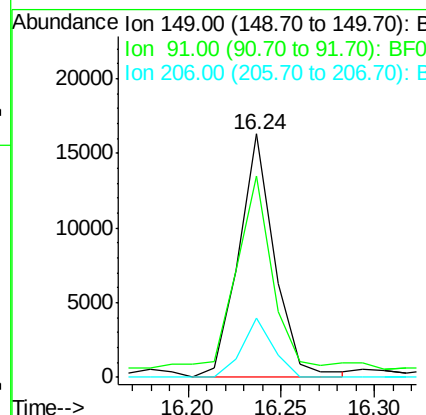
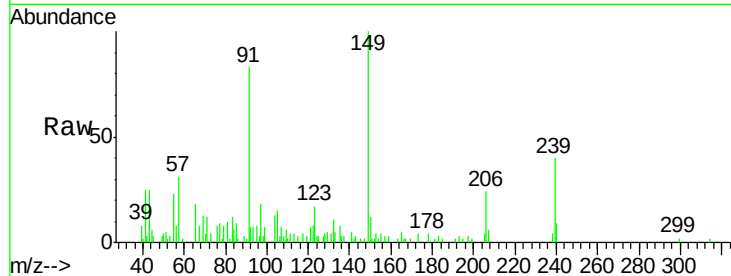




#79
Butylbenzylphthalate
Concen: 2.42 ng
RT: 16.24 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF083619.D
Acq: 9 Dec 2015 3:38

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-13(0-2)

Tgt Ion:149 Resp: 21941
Ion Ratio Lower Upper
149 100
91 82.8 60.0 90.0
206 24.2 16.2 24.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083619.D
Acq: 9 Dec 2015 3:38

Tgt Ion:264 Resp: 275210
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 23.0 17.8 26.6

