

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085378.D
 Acq On : 11 Mar 2016 18:05
 Operator : UM/SJ
 Sample : PB88818BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BL

Quant Time: Mar 11 21:59:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

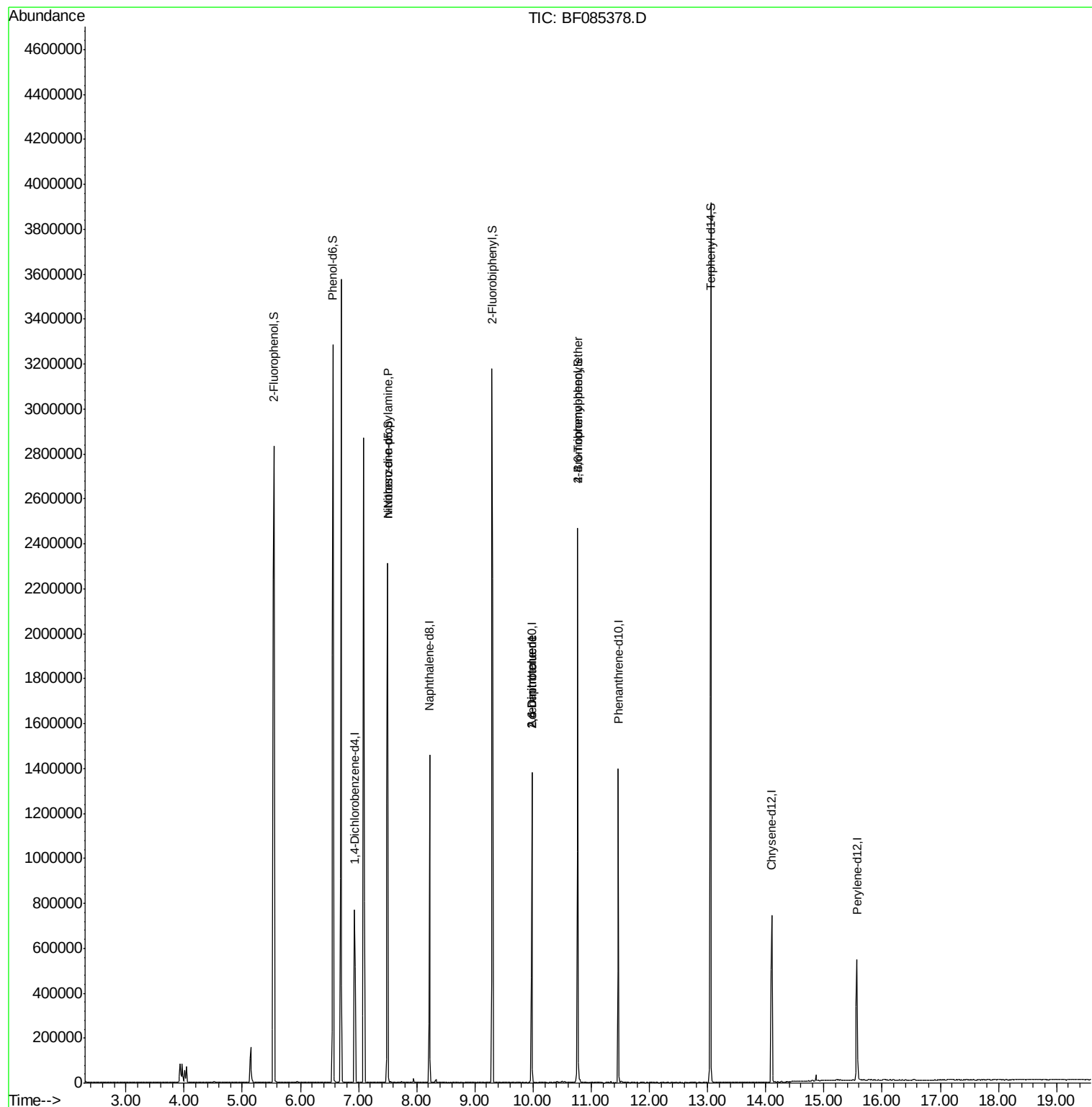
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	148834	20.00	ng	-0.06
21) Naphthalene-d8	8.22	136	624551	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	283815	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	528941	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	321952	20.00	ng	-0.05
86) Perylene-d12	15.57	264	254394	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1131526	127.53	ng	-0.03
7) Phenol-d6	6.56	99	1424287	122.52	ng	-0.05
23) Nitrobenzene-d5	7.50	82	899277	77.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	304677	125.46	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1381915	74.05	ng	-0.06
78) Terphenyl-d14	13.05	244	1272234	91.73	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	1854	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.50	70	120190	15.86	ng	# 76
50) 2,6-Dinitrotoluene	9.98	165	36313	7.79	ng	# 26
56) 2,4-Dinitrotoluene	9.98	165	36314	6.09	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	22311	4.34	ng	# 1

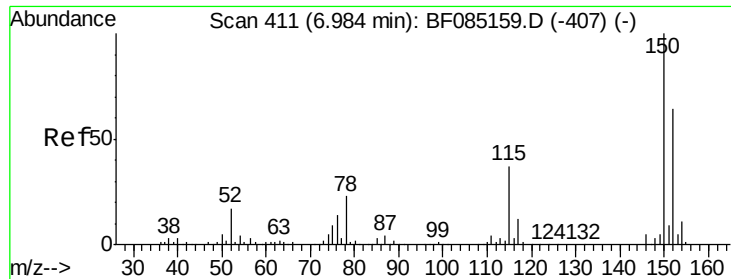
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Instrument :

BNA_F

ClientSampleId :

PB88818BL

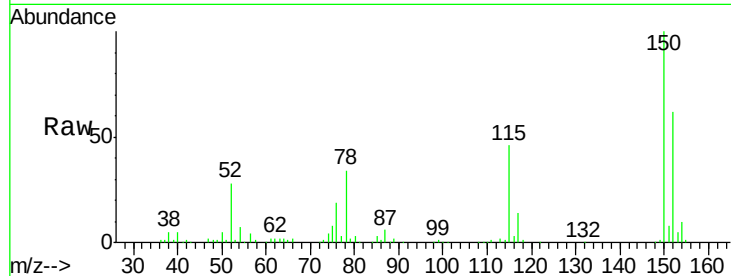
Tgt Ion:152 Resp: 148834

Ion Ratio Lower Upper

152 100

150 160.4 124.6 186.8

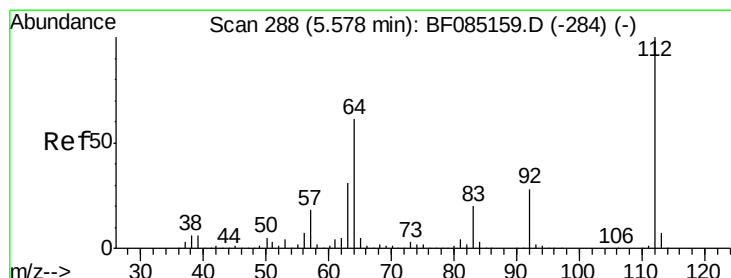
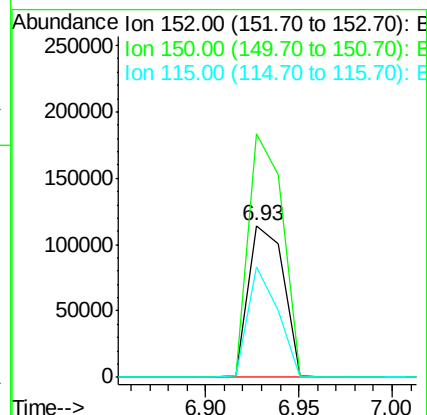
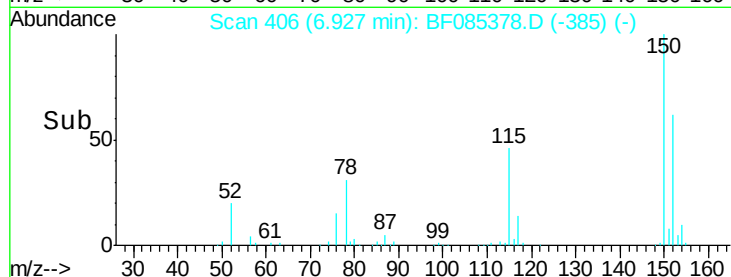
115 73.2 46.6 70.0#



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: 127.53 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

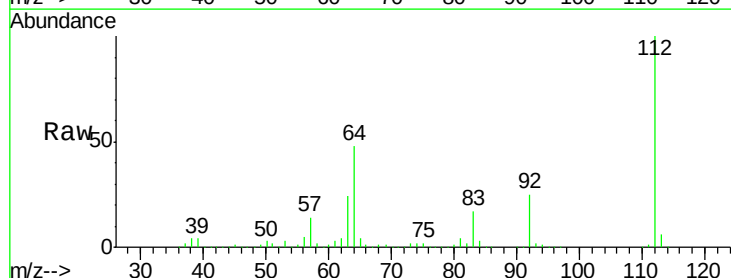
Tgt Ion:112 Resp: 1131526

Ion Ratio Lower Upper

112 100

64 47.5 49.0 73.4#

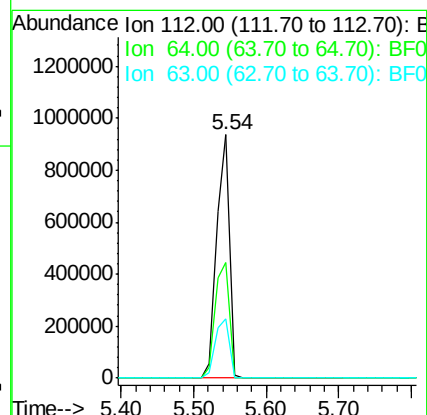
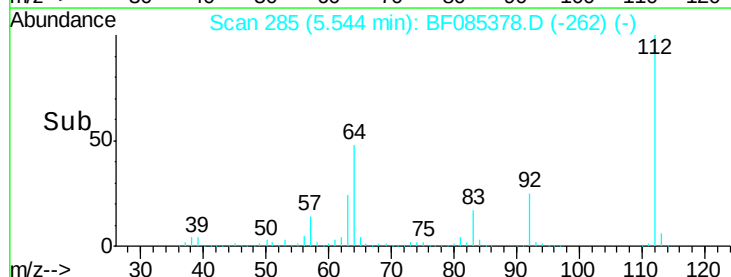
63 24.4 24.8 37.2#

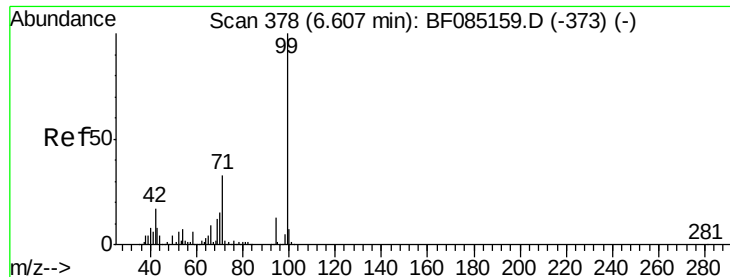


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.52 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Instrument :

BNA_F

ClientSampleId :

PB88818BL

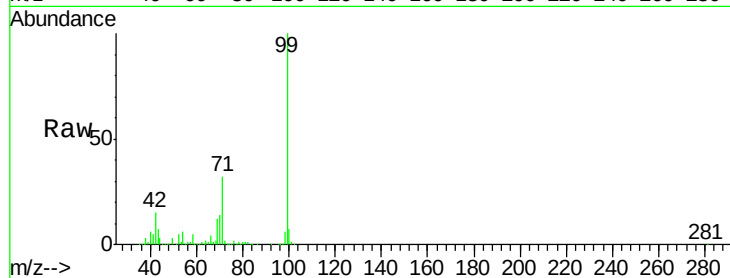
Tgt Ion: 99 Resp: 1424287

Ion Ratio Lower Upper

99 100

42 14.7 13.6 20.4

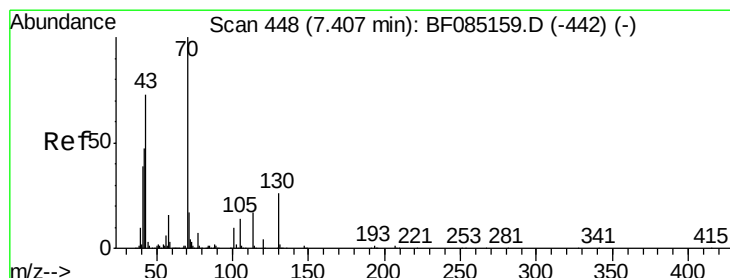
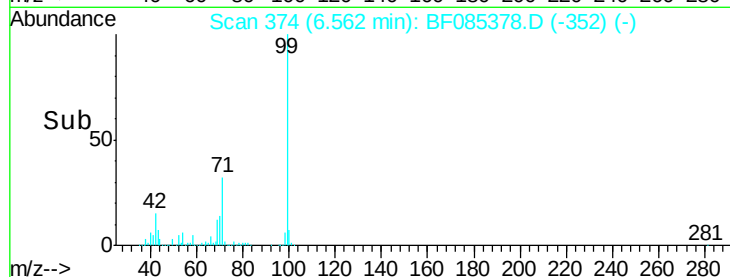
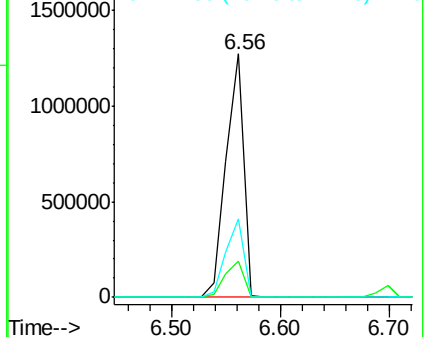
71 32.1 26.7 40.1



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: 15.86 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Tgt Ion: 70 Resp: 120190

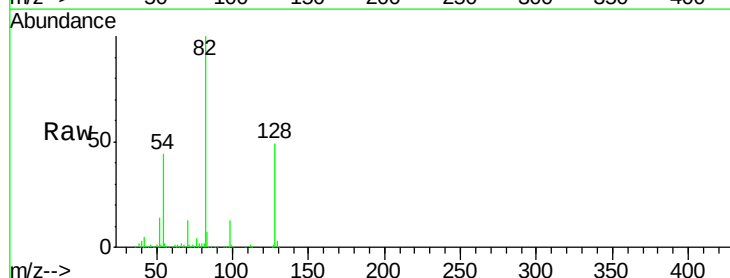
Ion Ratio Lower Upper

70 100

42 39.2 37.7 56.5

101 0.0 8.2 12.4#

130 2.4 20.5 30.7#

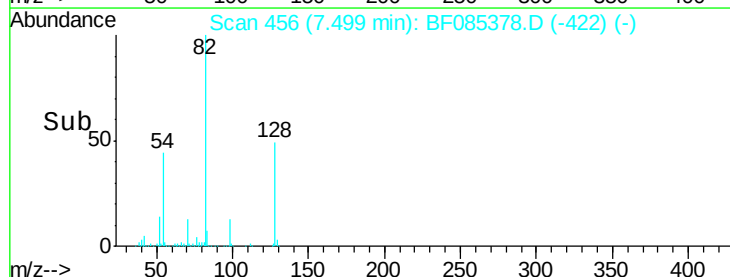
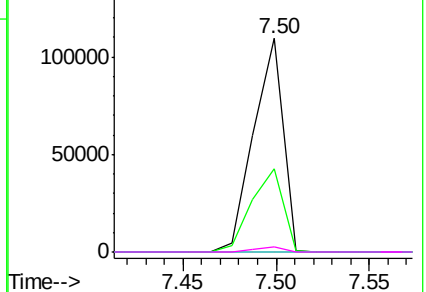


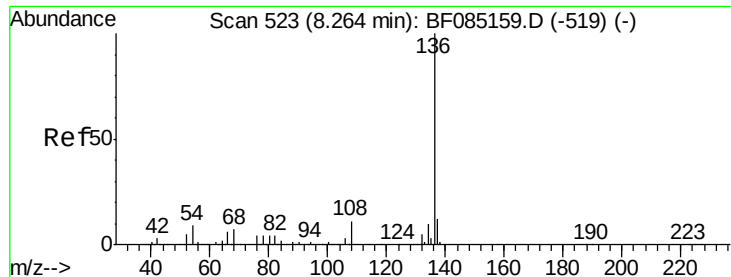
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

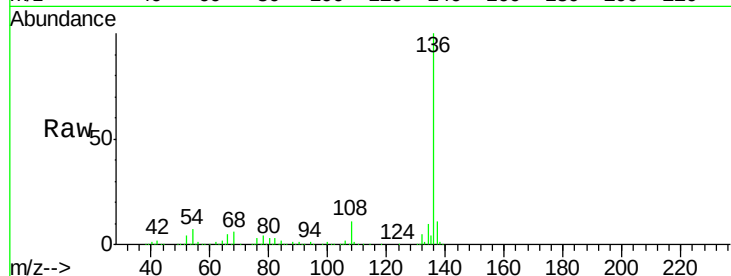




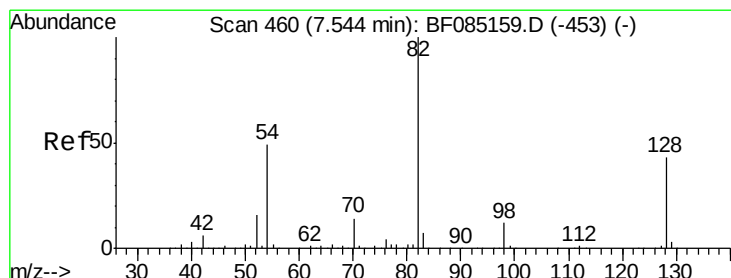
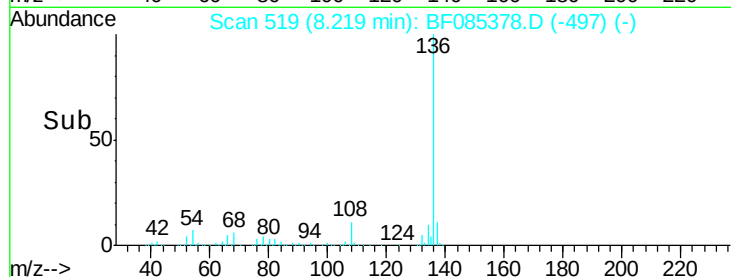
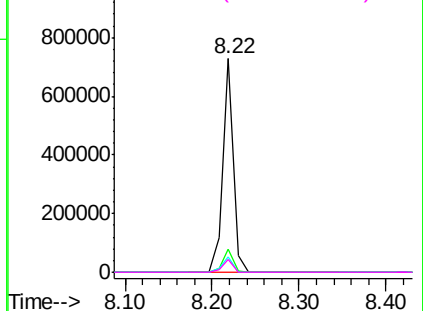
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085378.D
Acq: 11 Mar 2016 18:05

Instrument :
BNA_F
ClientSampleId :
PB88818BL

Tgt Ion:	136	Resp:	624551
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.0	7.4	11.2#
68	5.9	6.0	9.0#

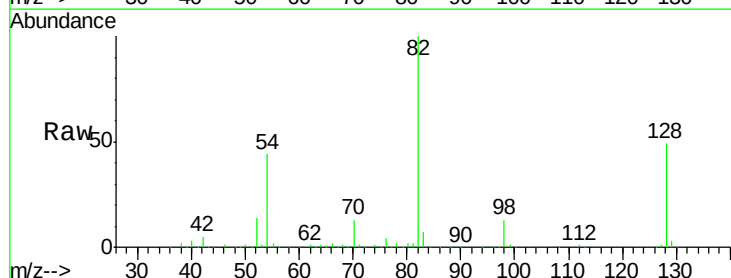


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

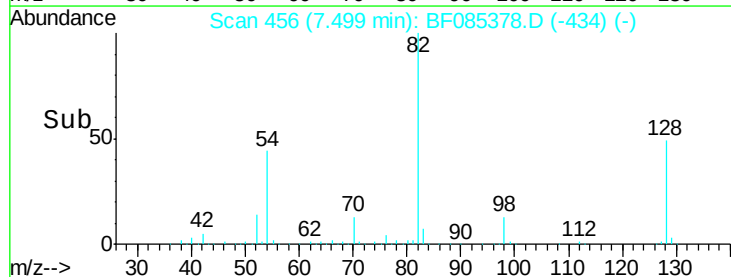
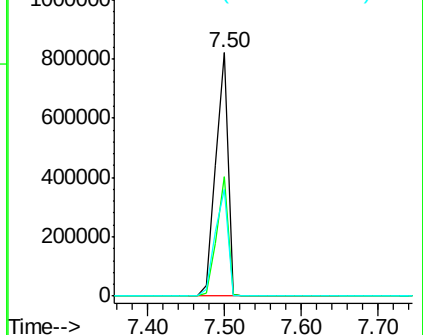


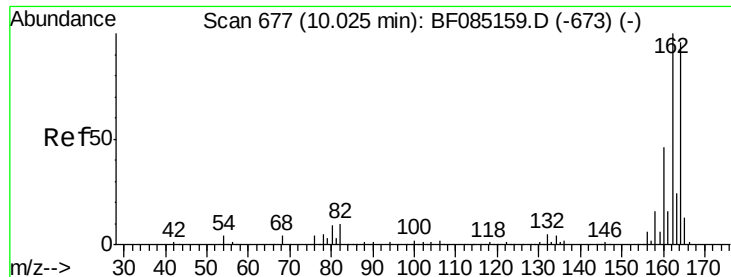
#23
Nitrobenzene-d5
Concen: 77.05 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085378.D
Acq: 11 Mar 2016 18:05

Tgt Ion:	82	Resp:	899277
Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.5	51.7
54	43.8	39.3	58.9



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: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Instrument :

BNA_F

ClientSampleId :

PB88818BL

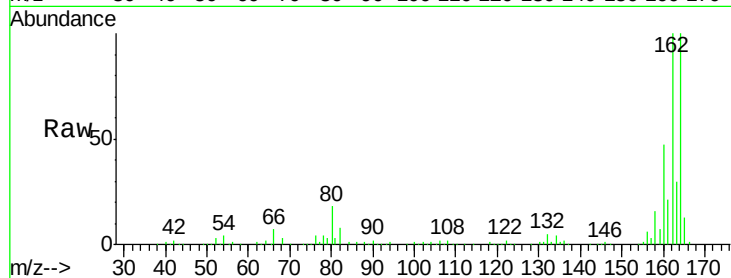
Tgt Ion:164 Resp: 283815

Ion Ratio Lower Upper

164 100

162 100.5 83.3 124.9

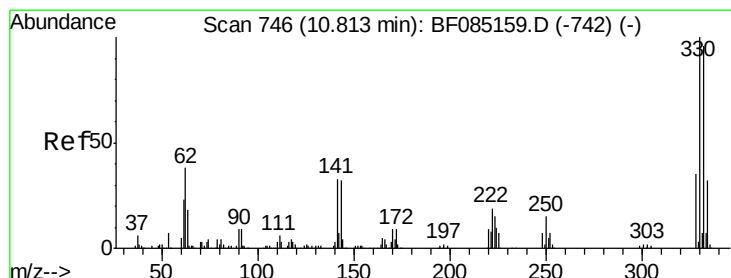
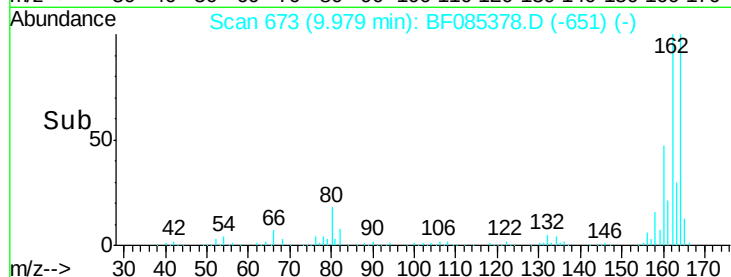
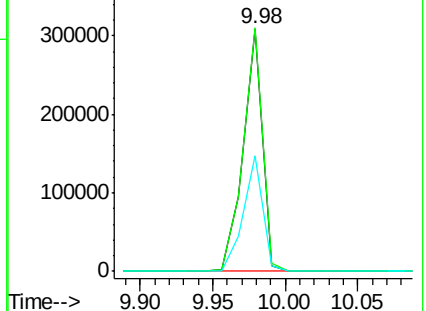
160 47.5 37.9 56.9



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: 125.46 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

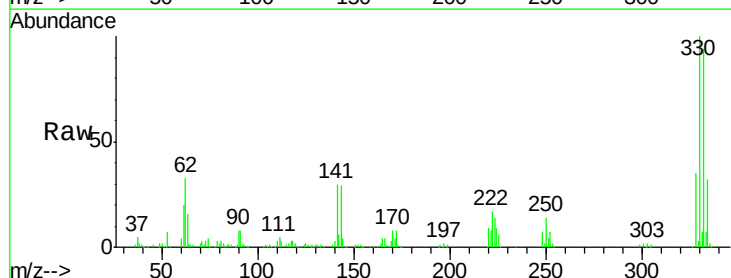
Tgt Ion:330 Resp: 304677

Ion Ratio Lower Upper

330 100

332 93.9 77.1 115.7

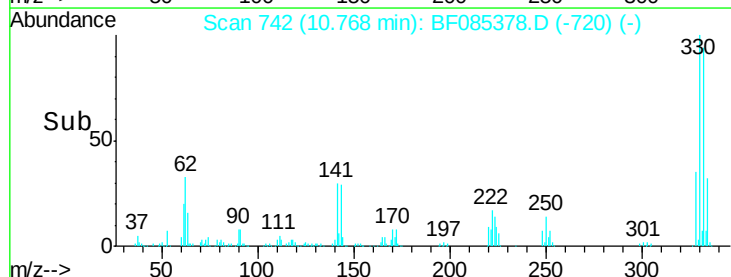
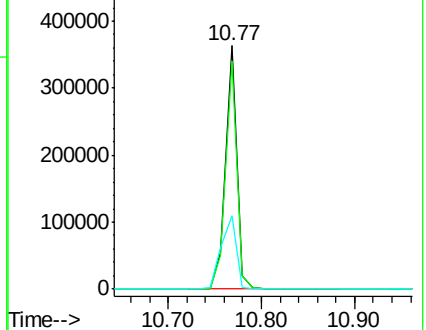
141 39.9 35.0 52.6

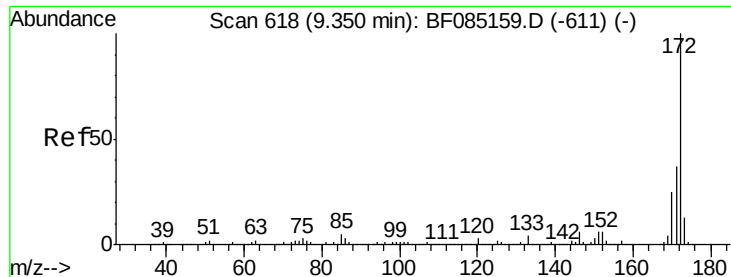


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

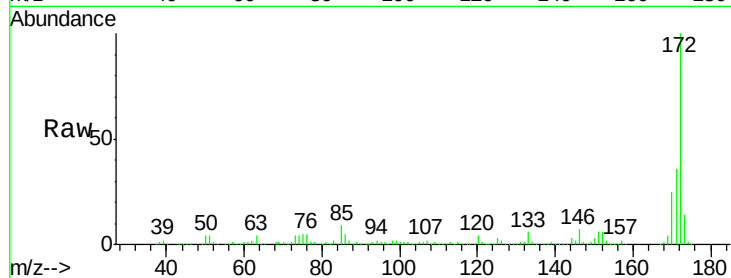




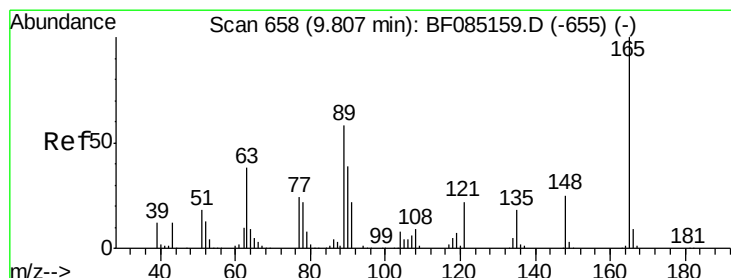
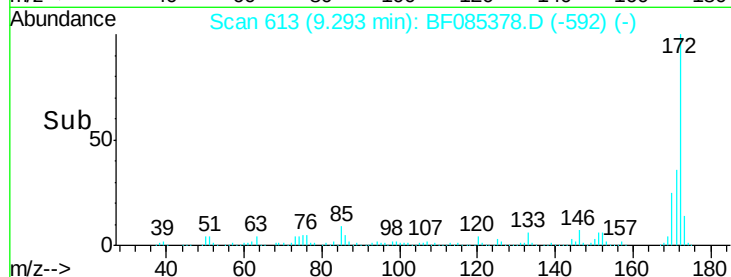
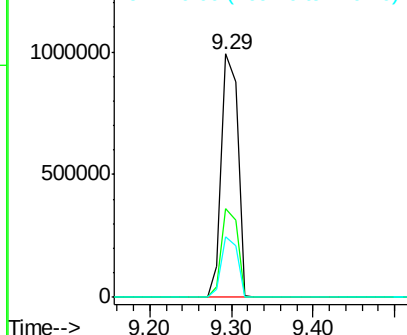
#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BL

Tgt Ion:172 Resp: 1381915
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.8 20.0 30.0

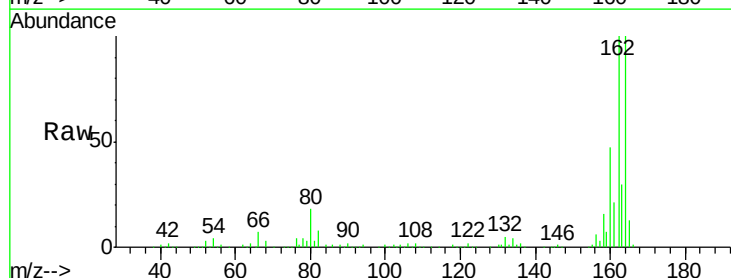


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

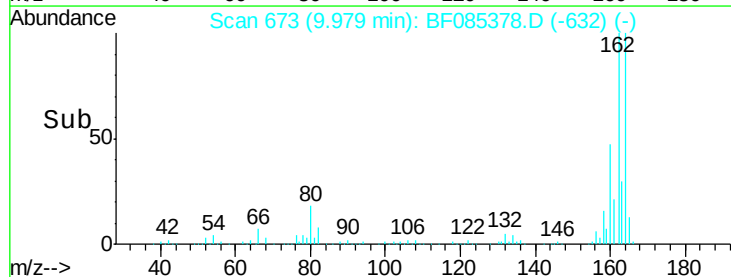
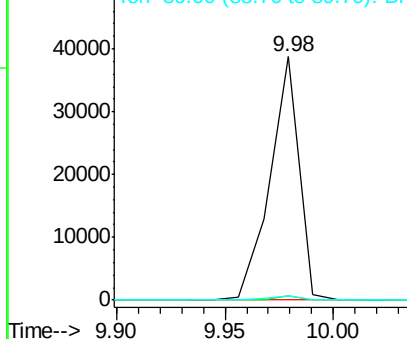


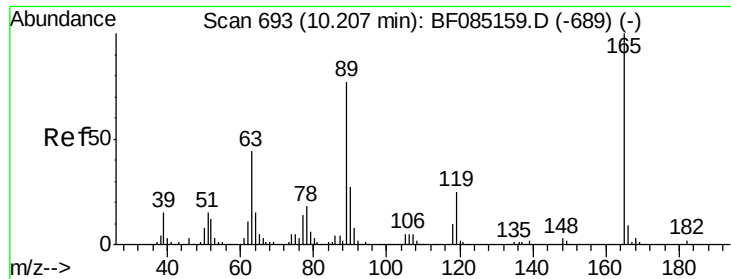
#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.98 min Scan# 673
 Delta R.T. 0.17 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Tgt Ion:165 Resp: 36313
 Ion Ratio Lower Upper
 165 100
 63 1.5 41.8 62.8#
 89 1.5 46.7 70.1#



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

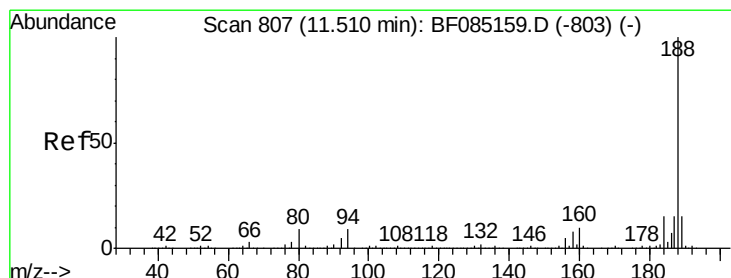
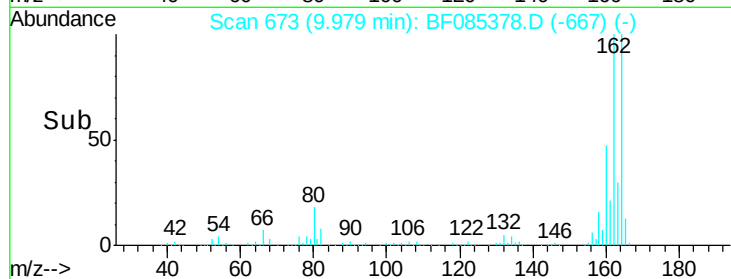
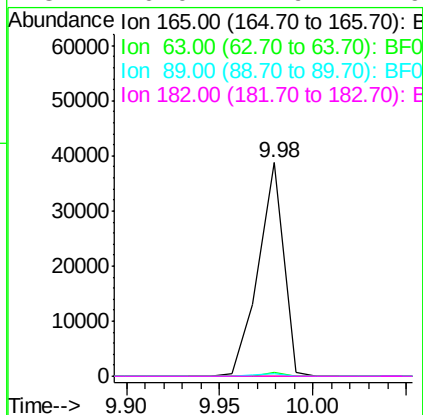
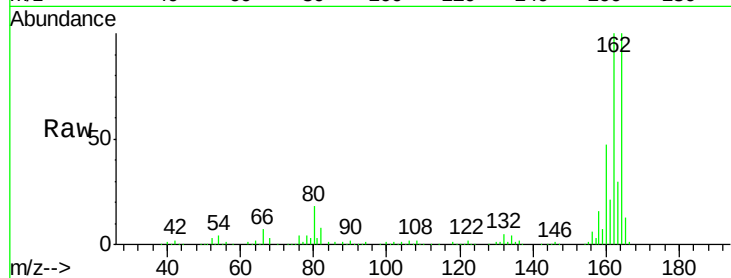




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.23 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

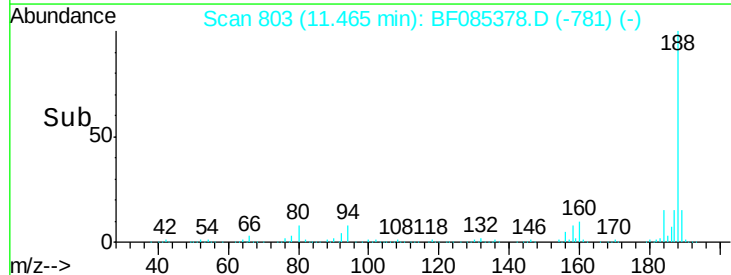
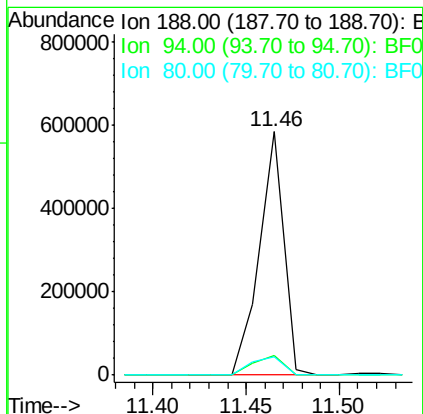
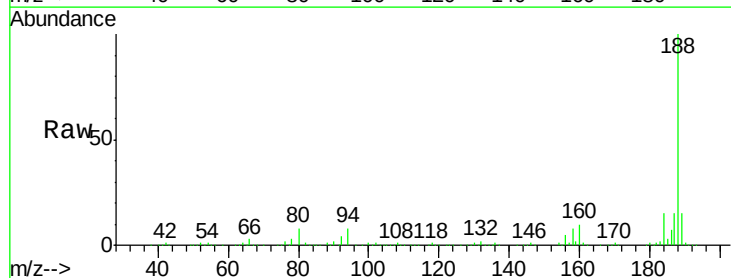
Instrument :
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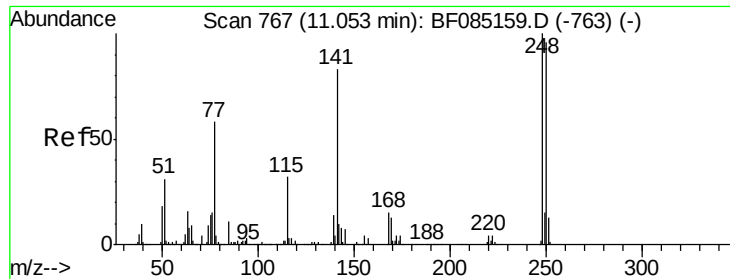
Tgt Ion:	165	Resp:	36314
Ion Ratio	Lower	Upper	
165	100		
63	1.5	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Tgt Ion:	188	Resp:	528941
Ion Ratio	Lower	Upper	
188	100		
94	7.8	7.0	10.6
80	7.8	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 4.34 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.29 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Instrument :

BNA_F

ClientSampleId :

PB88818BL

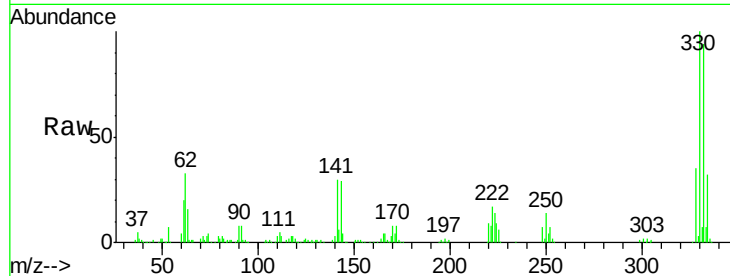
Tgt Ion:248 Resp: 22311

Ion Ratio Lower Upper

248 100

250 192.9 77.1 115.7#

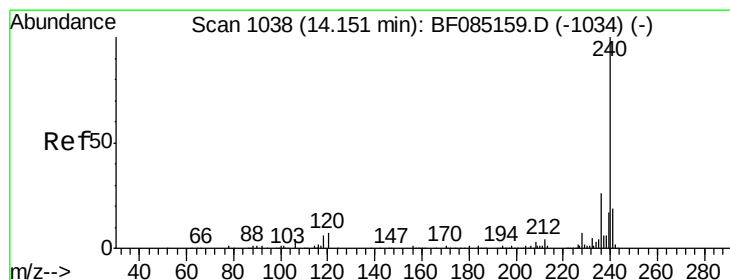
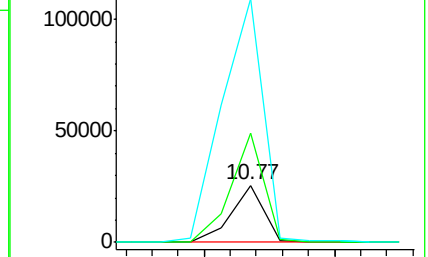
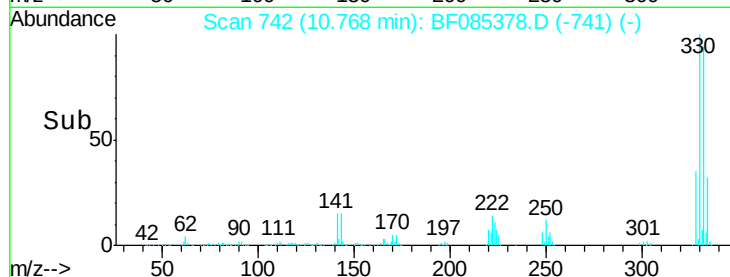
141 429.1 66.2 99.2#



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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

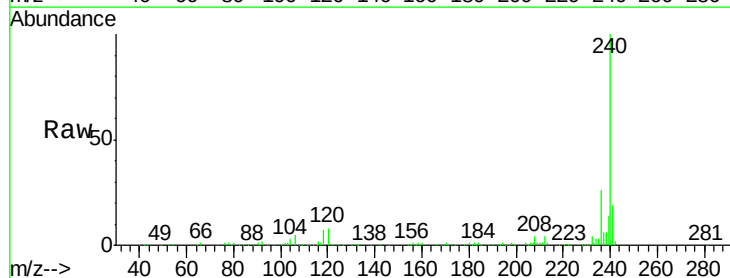
Tgt Ion:240 Resp: 321952

Ion Ratio Lower Upper

240 100

120 8.3 5.3 7.9#

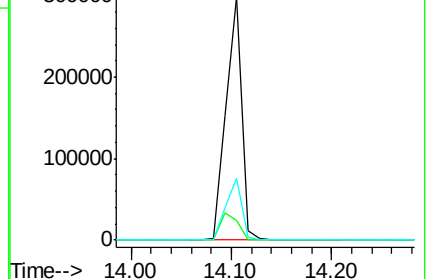
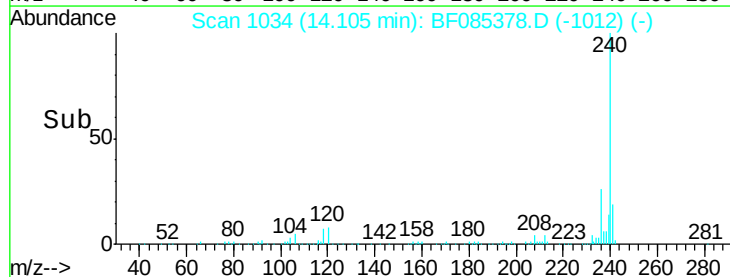
236 25.6 20.7 31.1

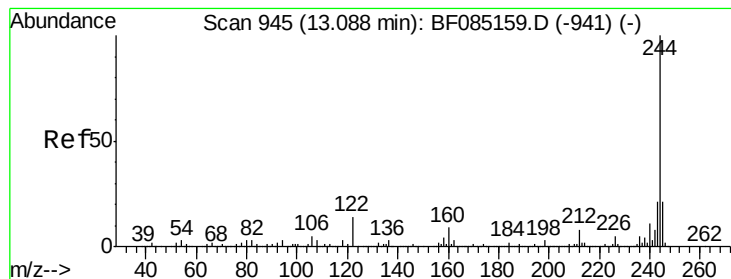


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.73 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Instrument :

BNA_F

ClientSampleId :

PB88818BL

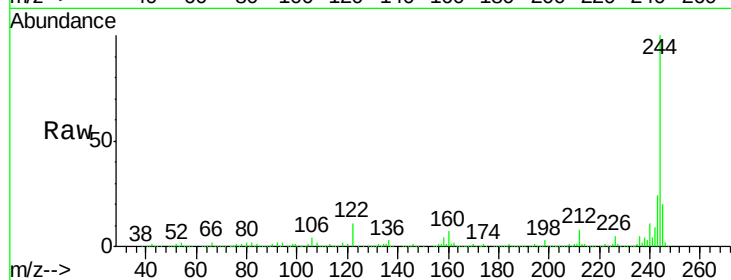
Tgt Ion:244 Resp: 1272234

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

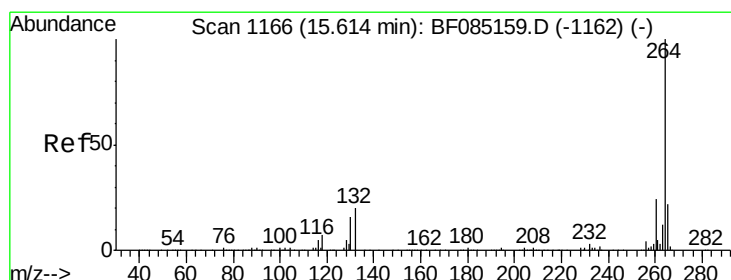
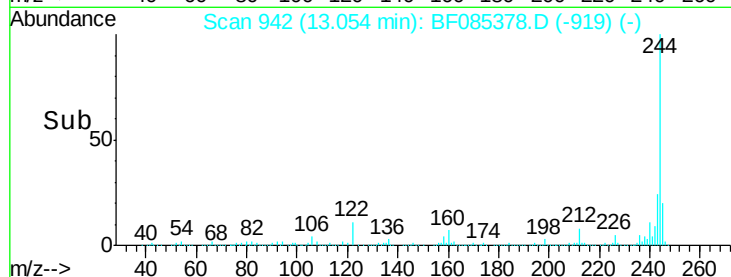
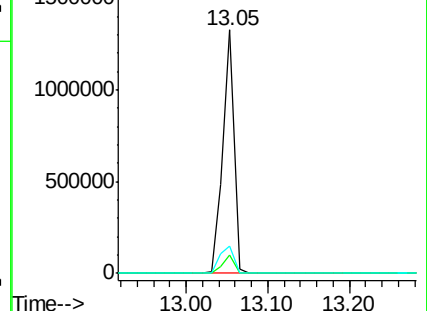
122 11.4 11.4 17.2#



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: 15.57 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

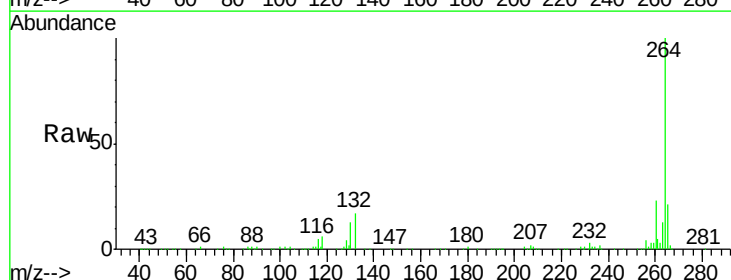
Tgt Ion:264 Resp: 254394

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 17.3 25.9



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

