

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085263.D
 Acq On : 8 Mar 2016 18:48
 Operator : UM/SJ
 Sample : H1707-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

Quant Time: Mar 09 00:05:01 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

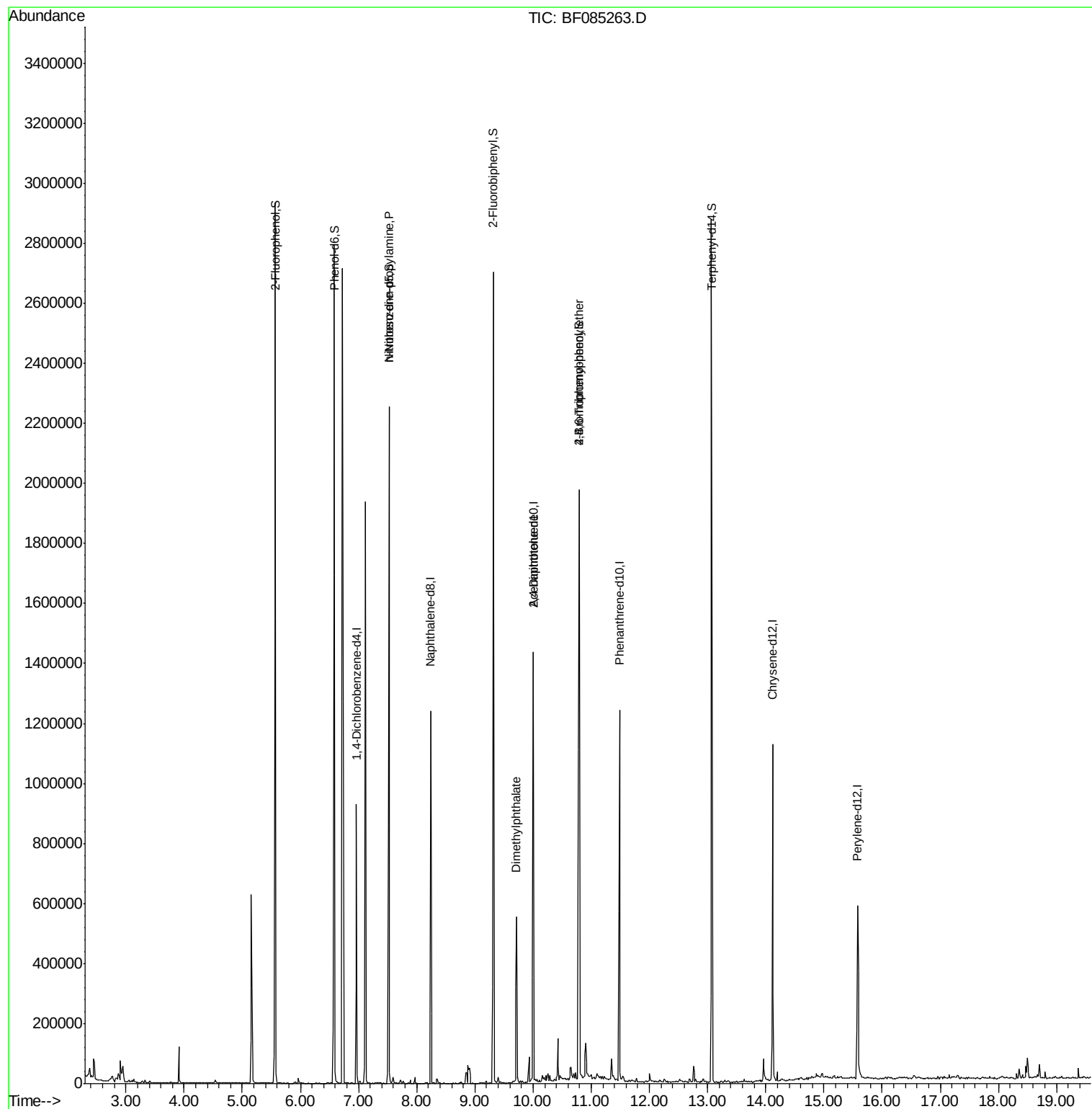
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	147862	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	540552	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	270537	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	499753	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	367000	20.00	ng	-0.03
86) Perylene-d12	15.58	264	272185	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	957746	108.65	ng	-0.01
7) Phenol-d6	6.58	99	1236467	107.06	ng	-0.02
23) Nitrobenzene-d5	7.52	82	776579	76.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	268324	115.91	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1162827	65.37	ng	-0.03
78) Terphenyl-d14	13.06	244	1041677	65.89	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.58	77	1962	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.52	70	102651	13.64	ng	# 78
49) Dimethylphthalate	9.72	163	279429	13.46	ng	98
56) 2,4-Dinitrotoluene	10.00	165	35631	6.27	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	19394	4.00	ng	# 1

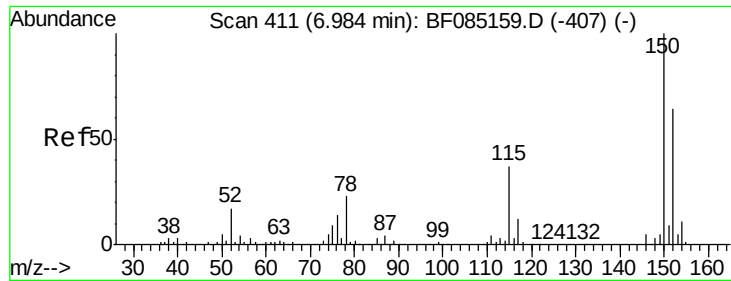
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

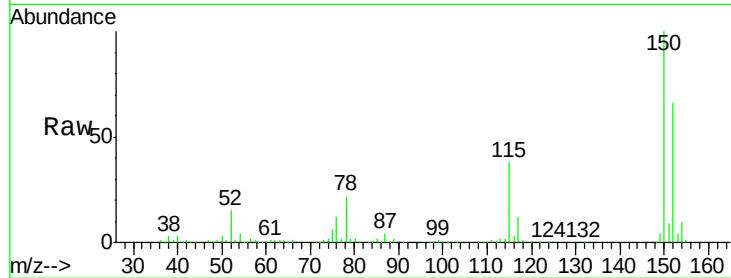
Tgt Ion:152 Resp: 147862

Ion Ratio Lower Upper

152 100

150 151.5 124.6 186.8

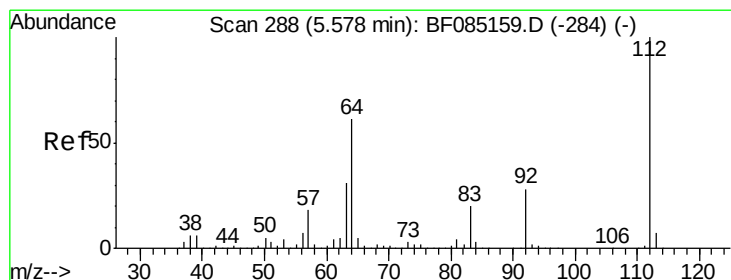
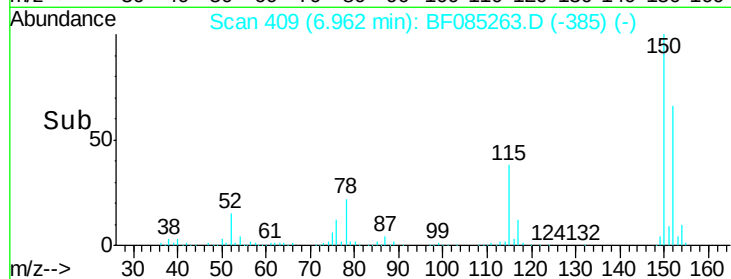
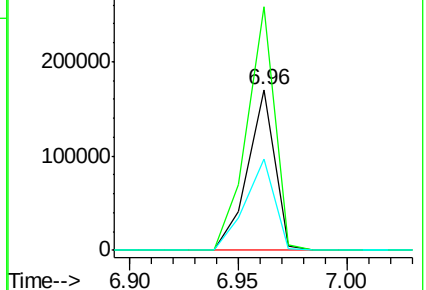
115 56.9 46.6 70.0



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: 108.65 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

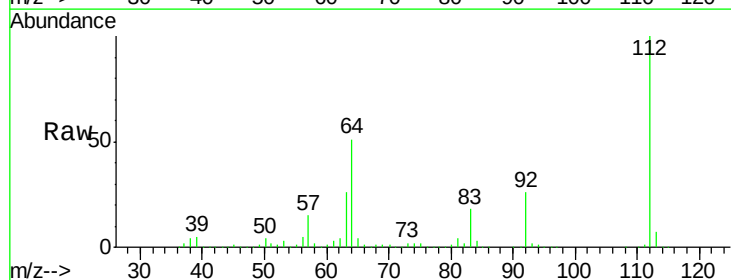
Tgt Ion:112 Resp: 957746

Ion Ratio Lower Upper

112 100

64 51.5 49.0 73.4

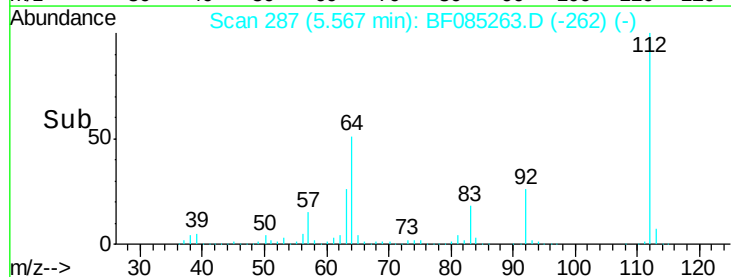
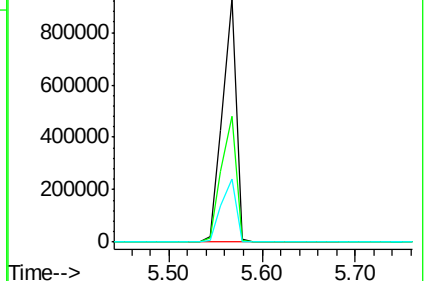
63 26.1 24.8 37.2

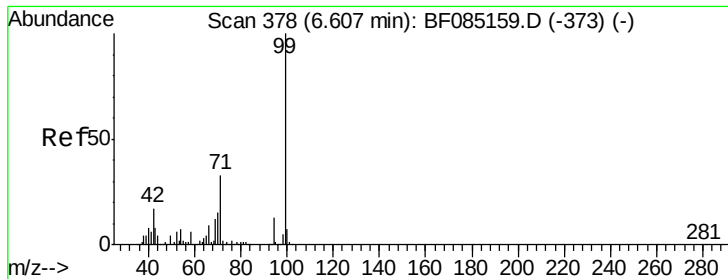


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.06 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

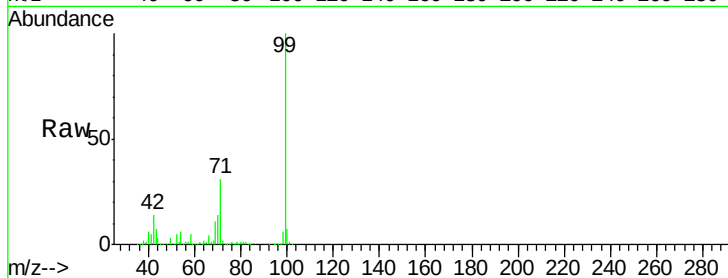
Tgt Ion: 99 Resp: 1236467

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

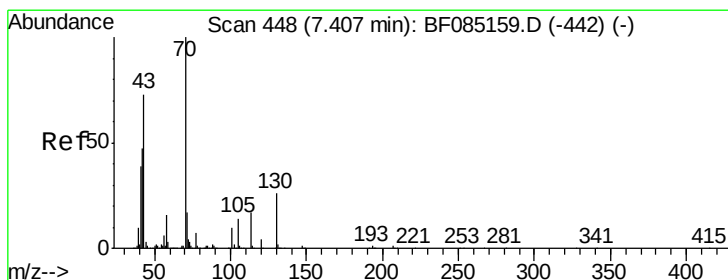
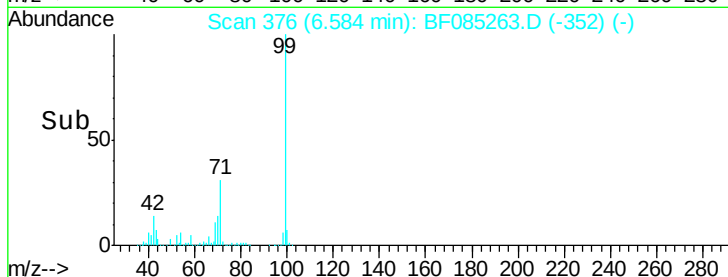
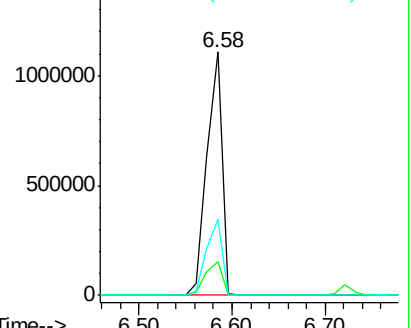
71 31.0 26.7 40.1



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: 13.64 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Tgt Ion: 70 Resp: 102651

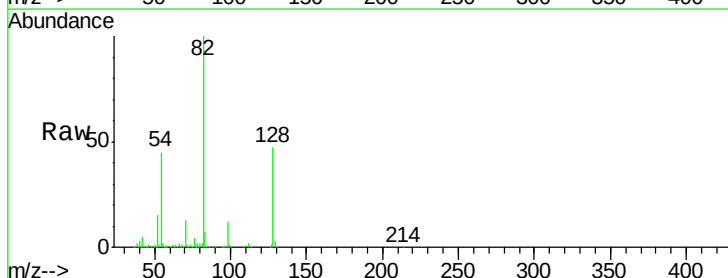
Ion Ratio Lower Upper

70 100

42 41.4 37.7 56.5

101 0.0 8.2 12.4#

130 2.4 20.5 30.7#

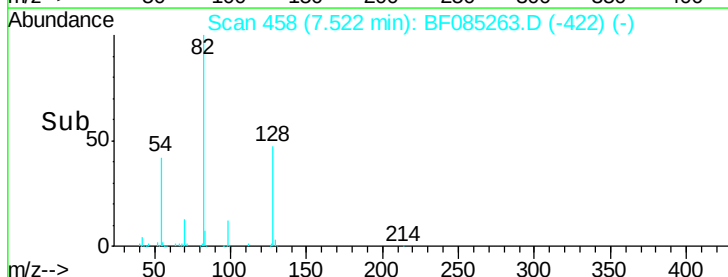
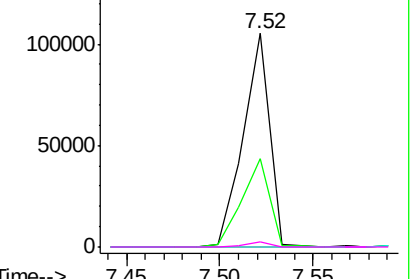


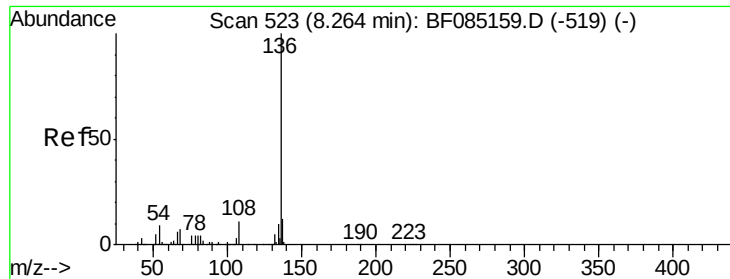
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

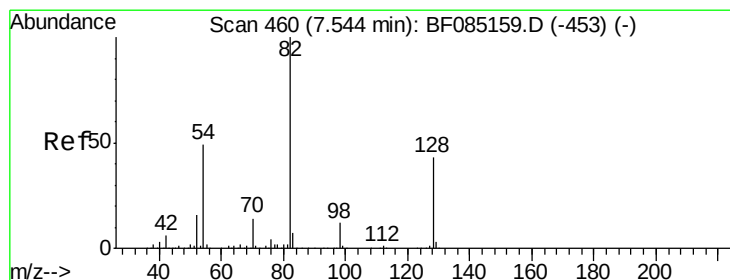
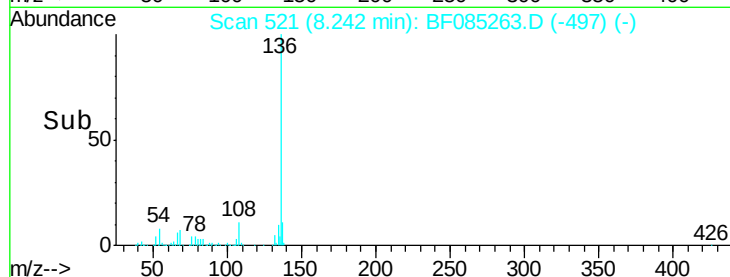
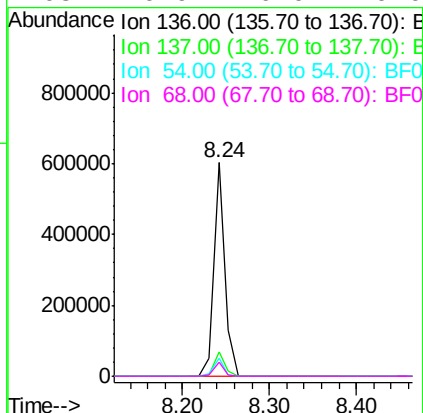
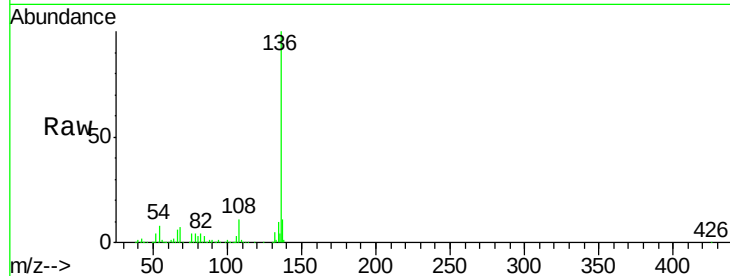




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085263.D
Acq: 8 Mar 2016 18:48

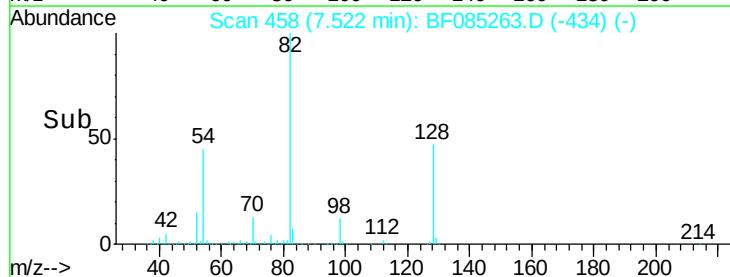
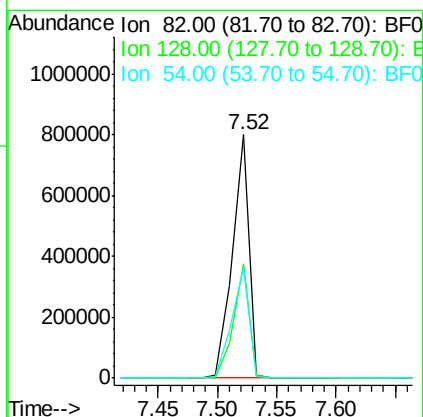
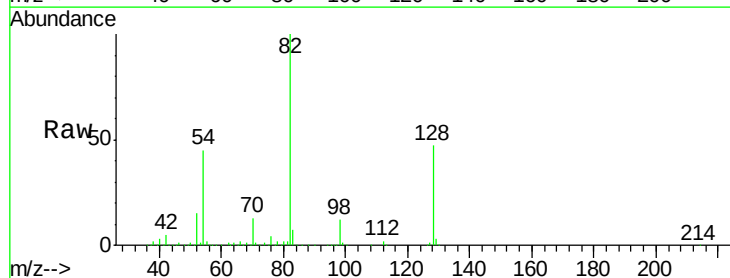
Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID6

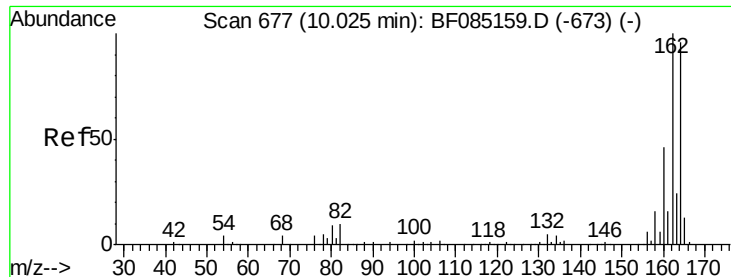
Tgt Ion:	136	Resp:	540552
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	8.2	7.4	11.2
68	6.9	6.0	9.0



#23
Nitrobenzene-d5
Concen: 76.88 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085263.D
Acq: 8 Mar 2016 18:48

Tgt Ion:	82	Resp:	776579
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.5	51.7
54	45.1	39.3	58.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

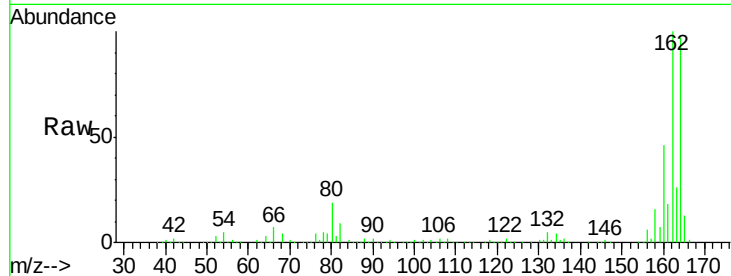
Tgt Ion:164 Resp: 270537

Ion Ratio Lower Upper

164 100

162 103.3 83.3 124.9

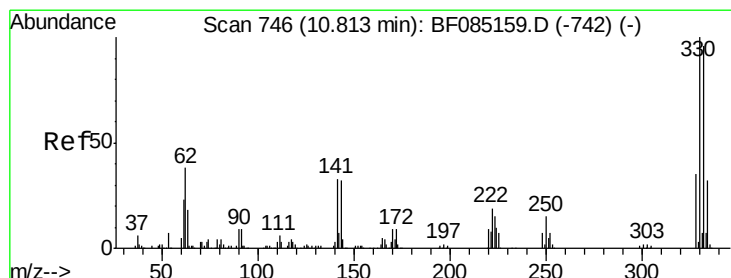
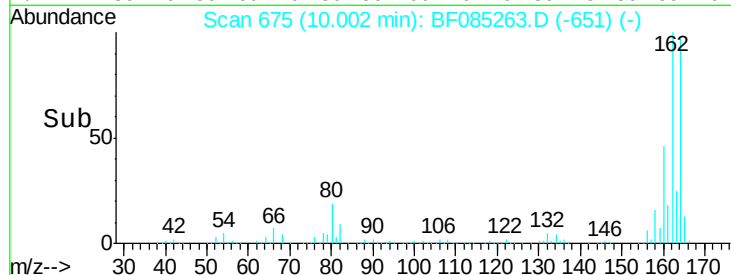
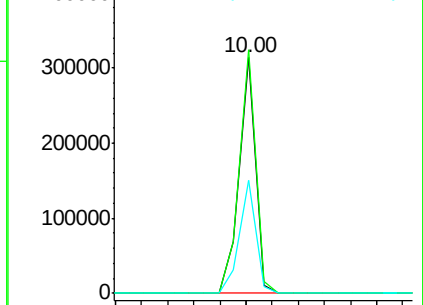
160 47.7 37.9 56.9



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: 115.91 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

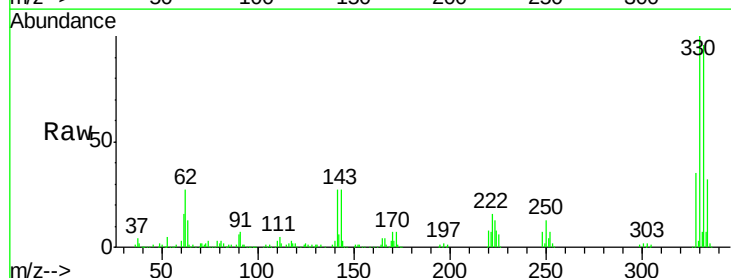
Tgt Ion:330 Resp: 268324

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

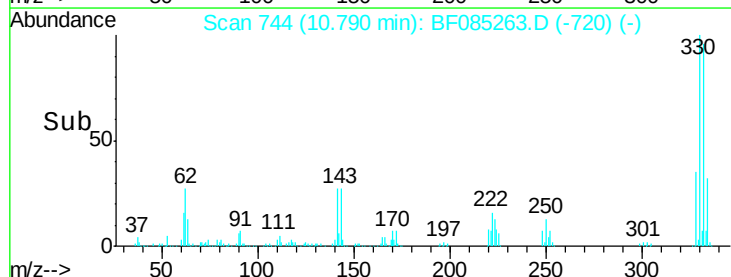
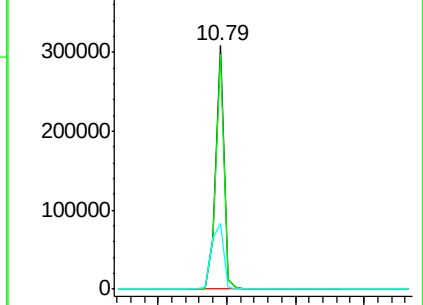
141 39.4 35.0 52.6

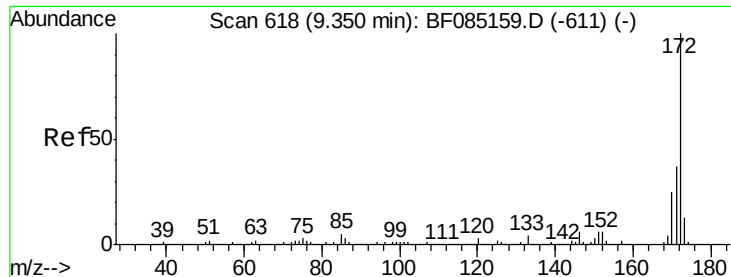


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

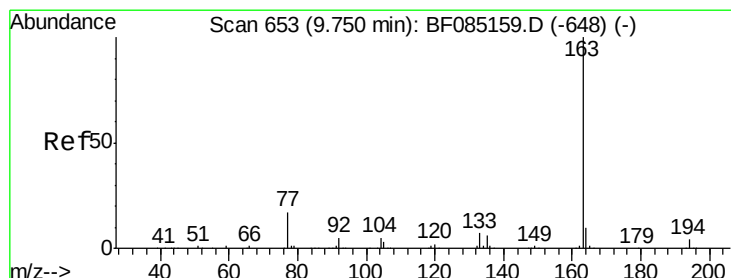
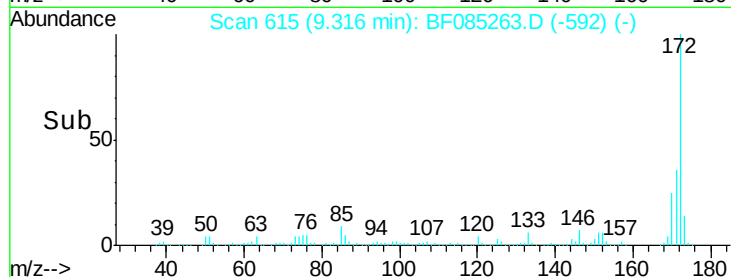
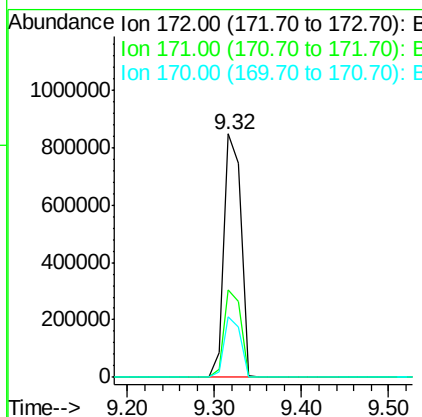
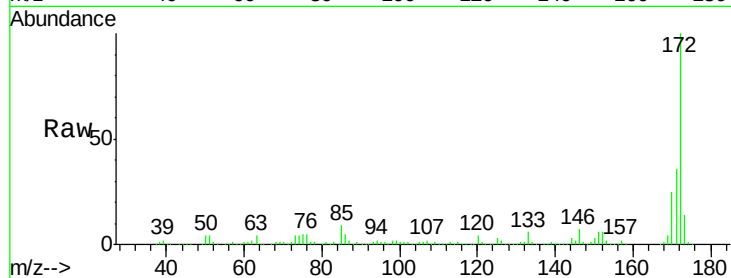




#44
2-Fluorobiphenyl
Concen: 65.37 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF085263.D
Acq: 8 Mar 2016 18:48

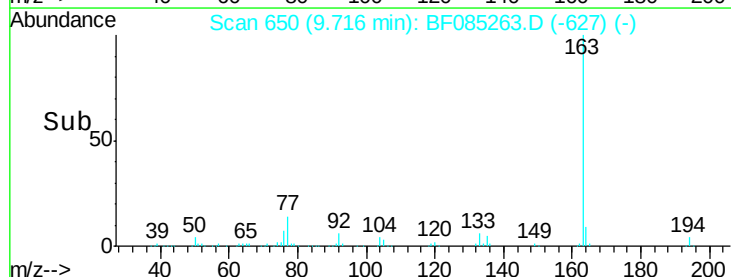
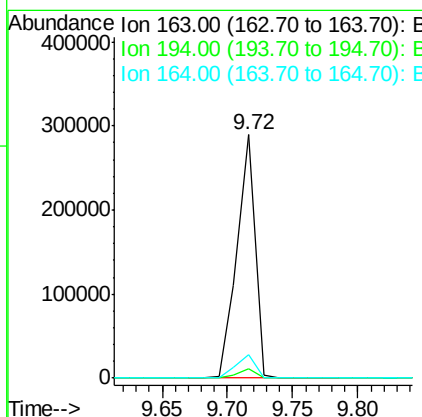
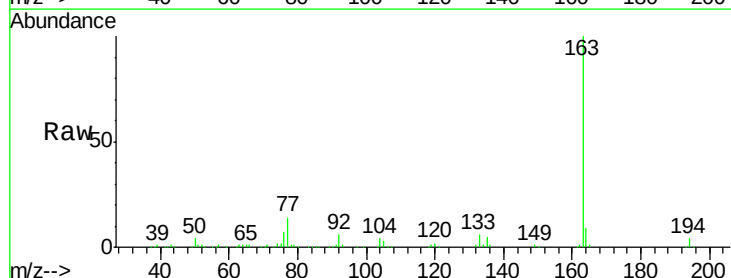
Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID6

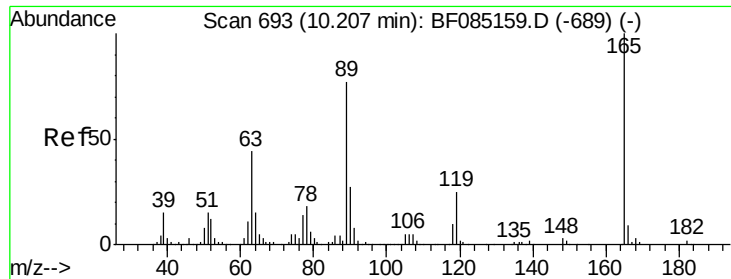
Tgt Ion:172 Resp: 1162827
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 24.6 20.0 30.0



#49
Dimethylphthalate
Concen: 13.46 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085263.D
Acq: 8 Mar 2016 18:48

Tgt Ion:163 Resp: 279429
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.4 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

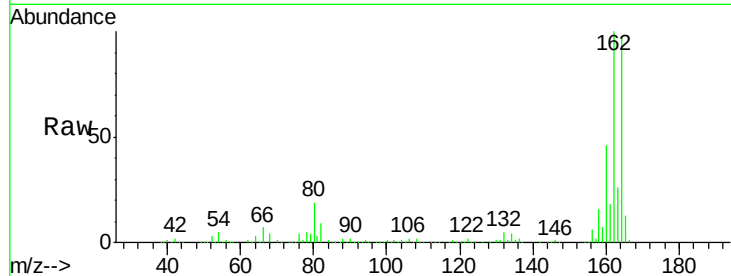
Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

Tgt Ion:	165	Resp:	35631
Ion Ratio	Lower	Upper	
165	100		
63	1.1	35.4	53.0#
89	1.9	61.9	92.9#
182	0.0	1.9	2.9#

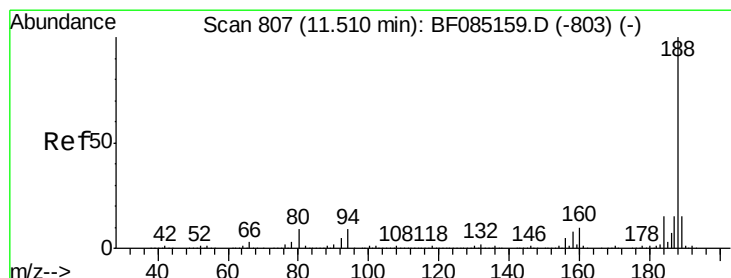
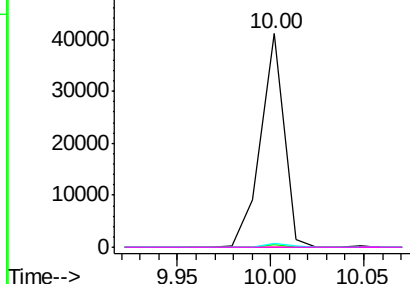
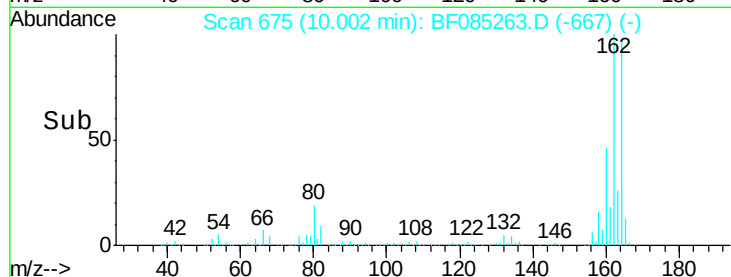


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

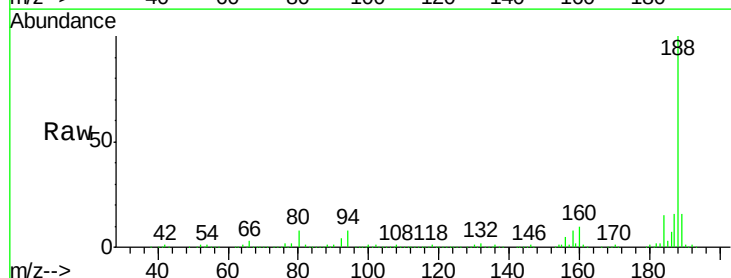
RT: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

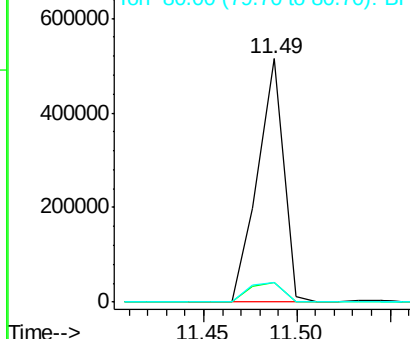
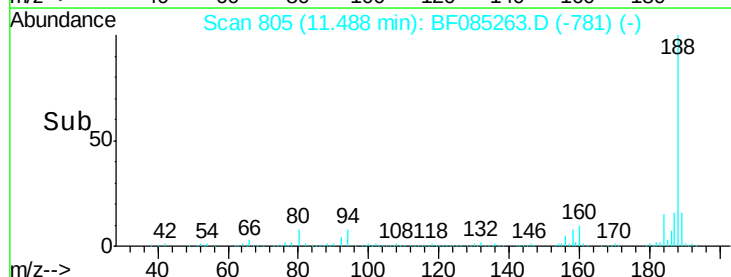
Tgt Ion:	188	Resp:	499753
Ion Ratio	Lower	Upper	
188	100		
94	7.9	7.0	10.6
80	8.2	7.4	11.0

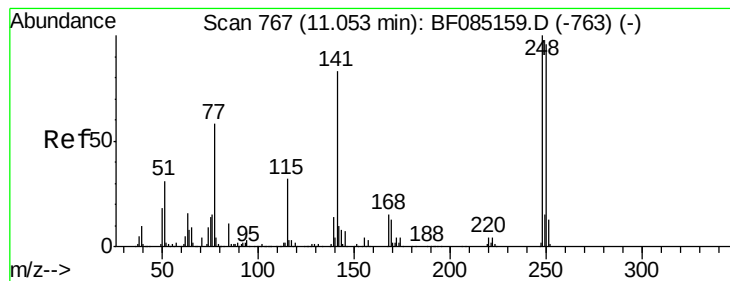


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.00 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.26 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

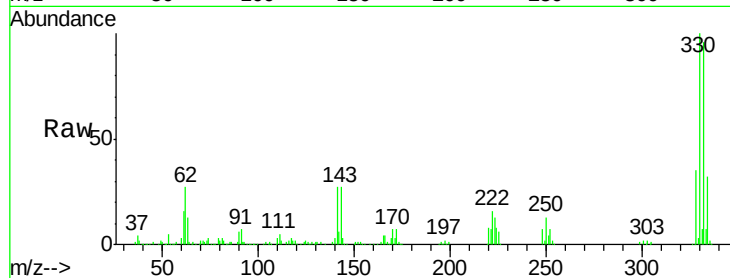
Tgt Ion:248 Resp: 19394

Ion Ratio Lower Upper

248 100

250 191.3 77.1 115.7#

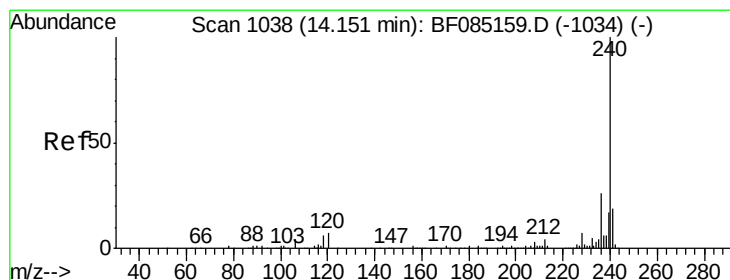
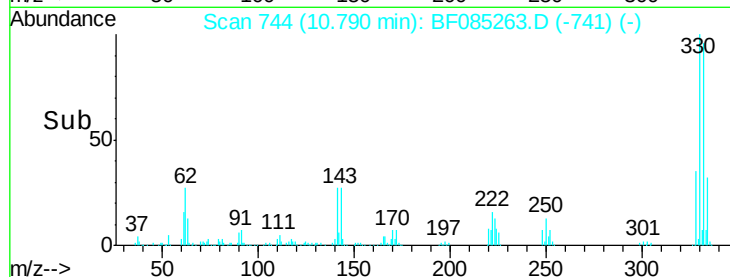
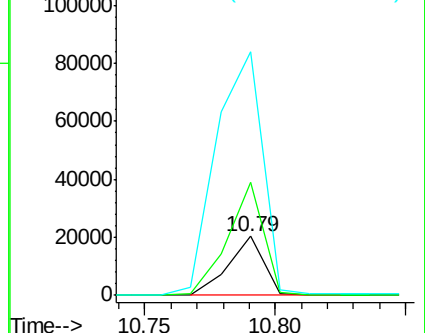
141 411.5 66.2 99.2#



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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

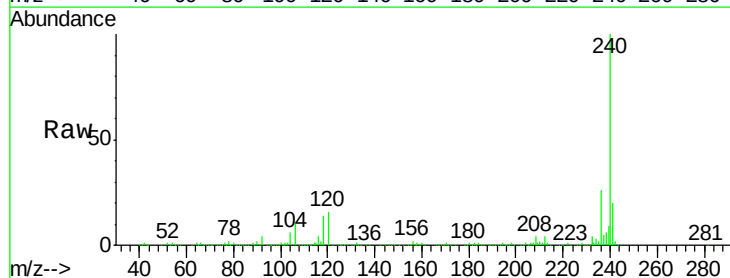
Tgt Ion:240 Resp: 367000

Ion Ratio Lower Upper

240 100

120 15.8 5.3 7.9#

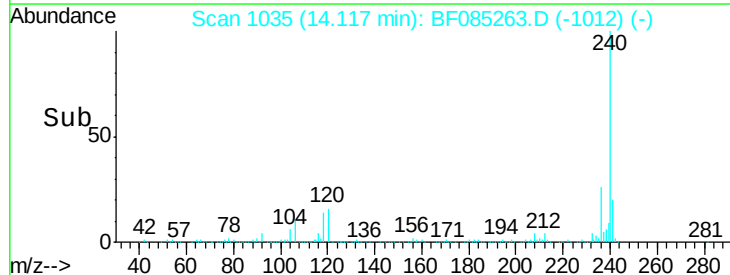
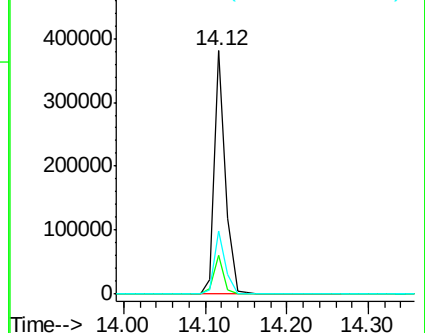
236 26.1 20.7 31.1

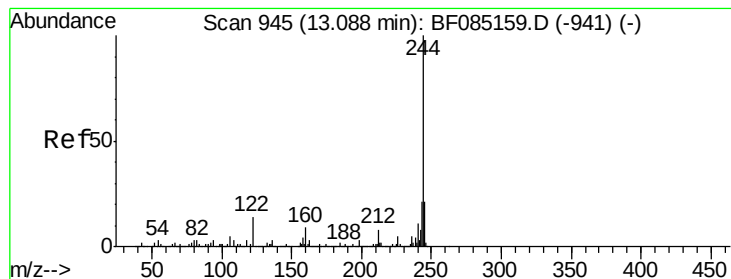


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.89 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

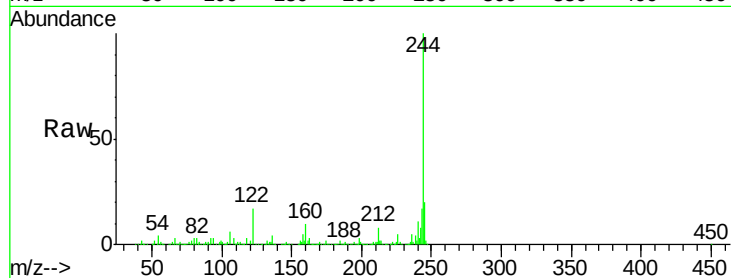
Tgt Ion:244 Resp: 1041677

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

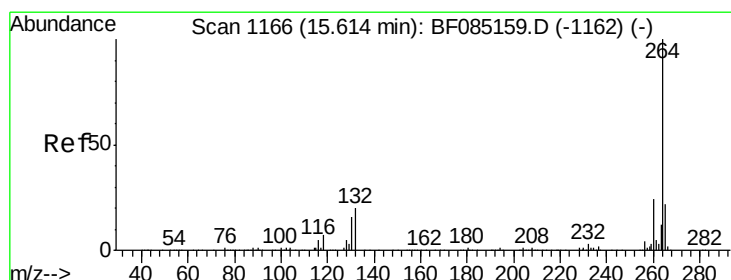
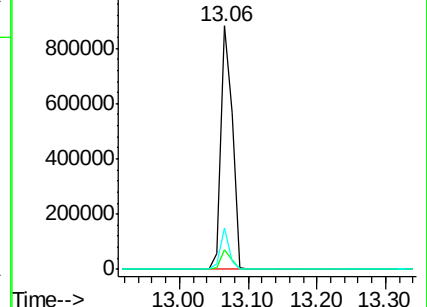
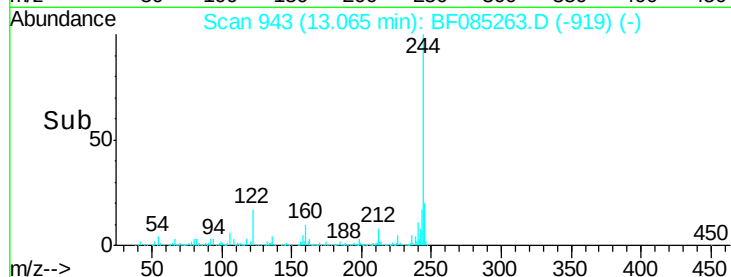
122 16.9 11.4 17.2



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: 15.58 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF085263.D

Acq: 8 Mar 2016 18:48

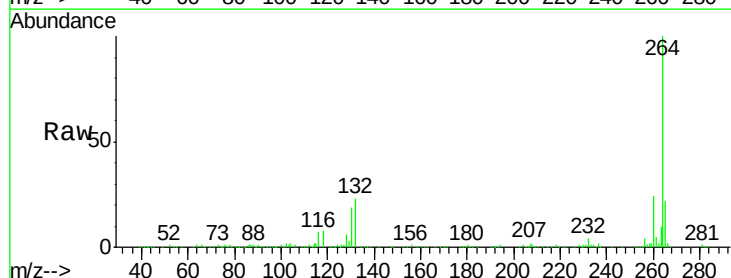
Tgt Ion:264 Resp: 272185

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 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

