

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085681.D
 Acq On : 23 Mar 2016 1:48
 Operator : UM/SJ
 Sample : H1864-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Mar 23 01:20:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

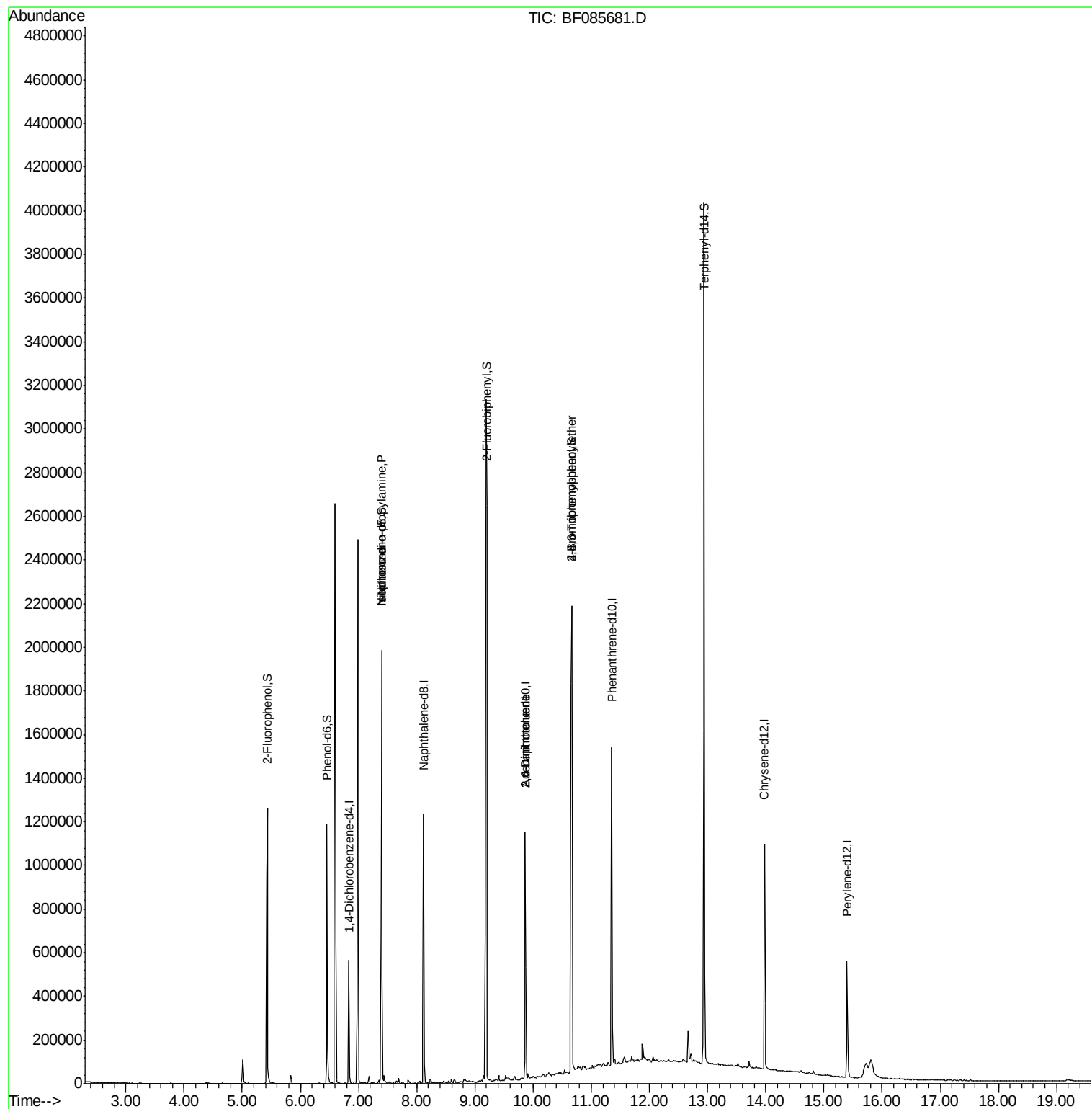
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	125844	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	537718	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	250233	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	503451	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	354330	20.00	ng	-0.03
86) Perylene-d12	15.40	264	236971	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	511143	68.22	ng	-0.02
7) Phenol-d6	6.46	99	401680	41.80	ng	-0.03
23) Nitrobenzene-d5	7.40	82	792397	85.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	439146	179.16	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1551459	116.37	ng	-0.02
78) Terphenyl-d14	12.94	244	1387297	94.22	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	105100	18.31	ng	# 77
25) Isophorone	7.40	82	609265	32.85	ng	# 68
50) 2,6-Dinitrotoluene	9.86	165	31773	7.97	ng	# 19
56) 2,4-Dinitrotoluene	9.86	165	31774	6.09	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	27898	5.55	ng	# 1

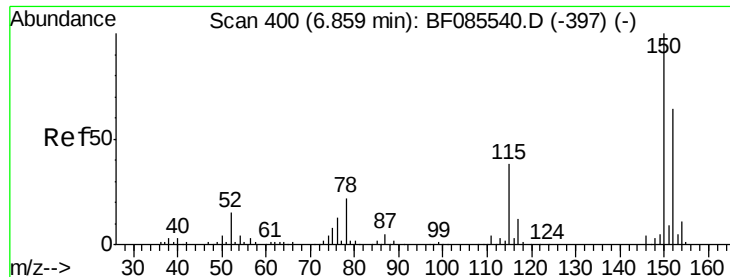
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

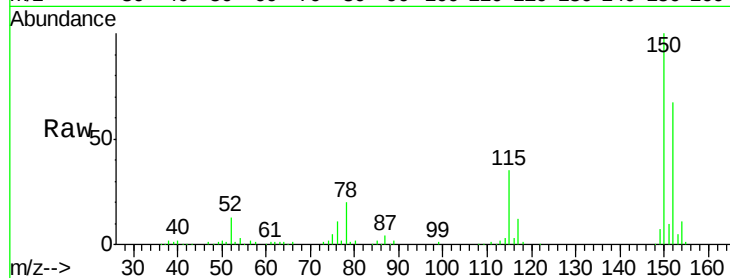
Tgt Ion:152 Resp: 125844

Ion Ratio Lower Upper

152 100

150 149.5 124.2 186.2

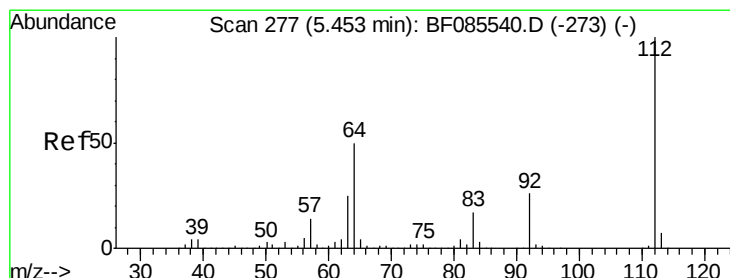
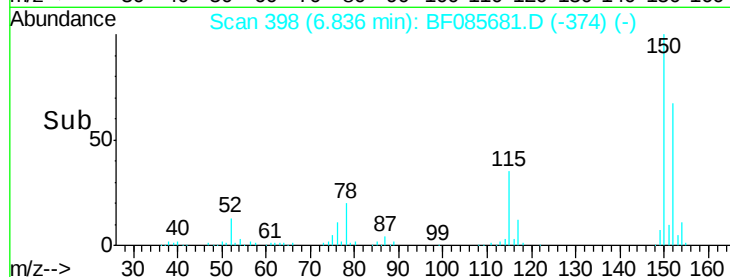
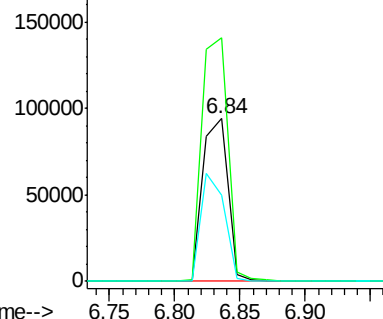
115 52.9 47.0 70.6



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: 68.22 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.02 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

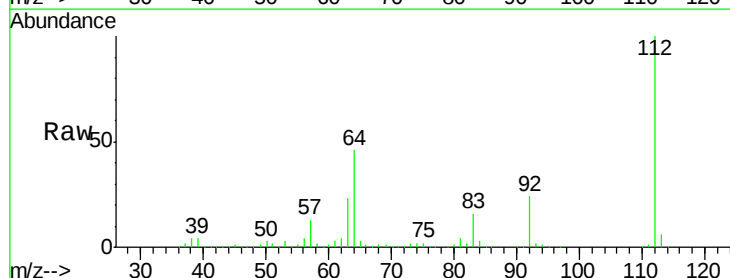
Tgt Ion:112 Resp: 511143

Ion Ratio Lower Upper

112 100

64 46.0 39.9 59.9

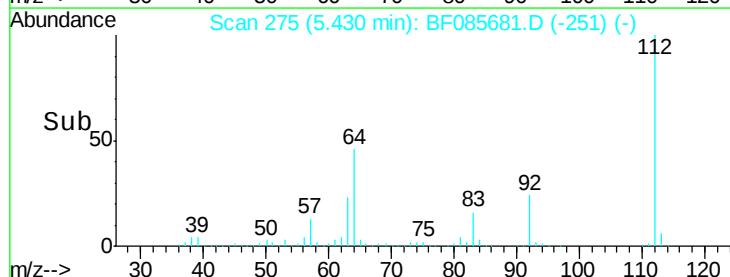
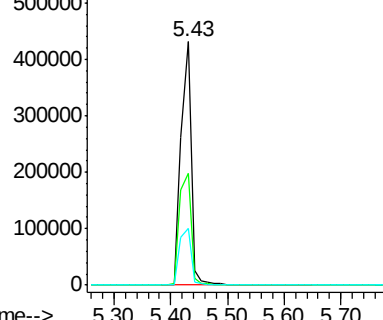
63 23.3 20.2 30.2



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: 41.80 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

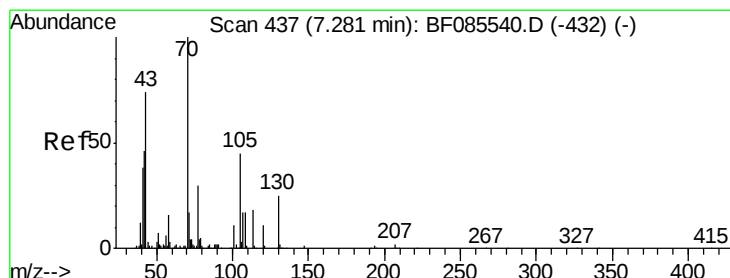
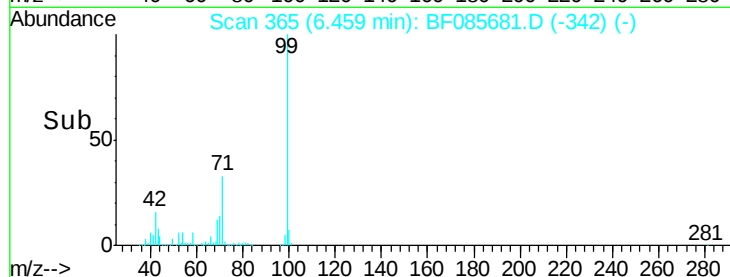
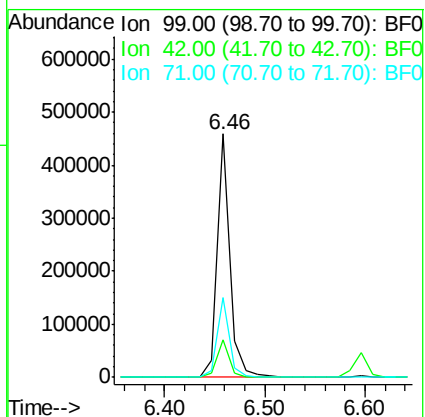
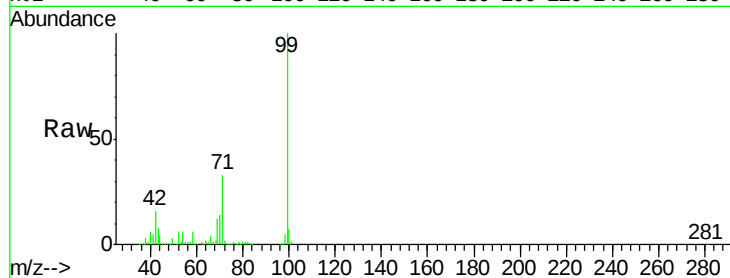
Tgt Ion: 99 Resp: 401680

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

71 32.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.31 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Tgt Ion: 70 Resp: 105100

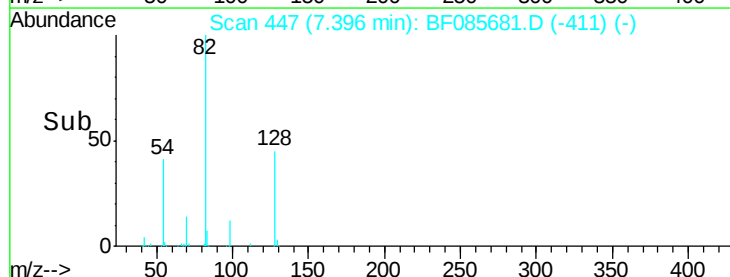
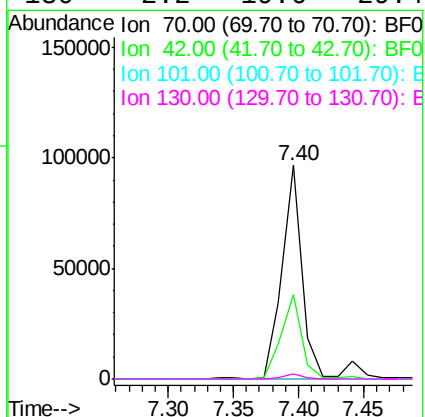
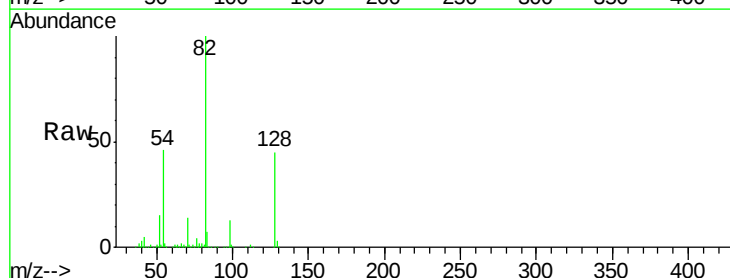
Ion Ratio Lower Upper

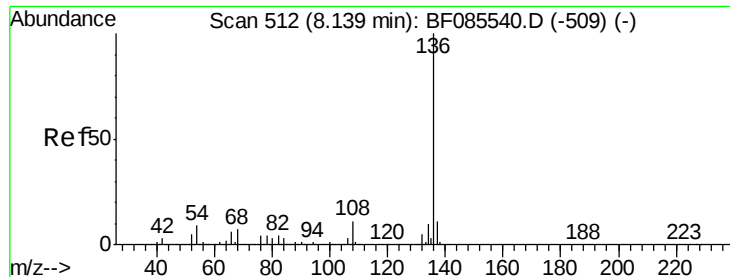
70 100

42 39.4 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

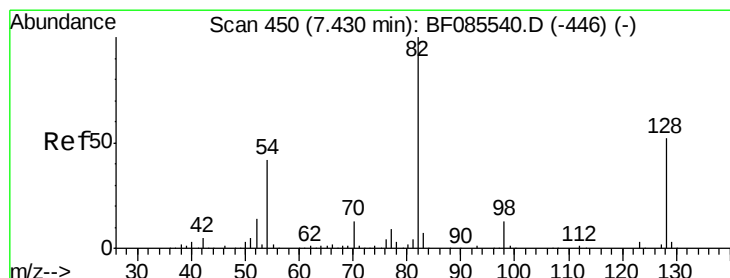
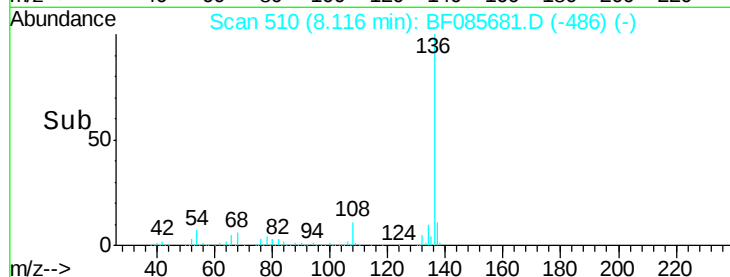
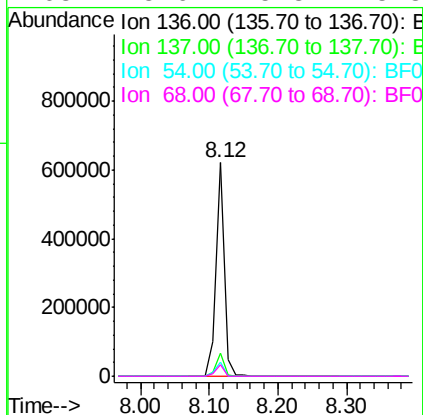
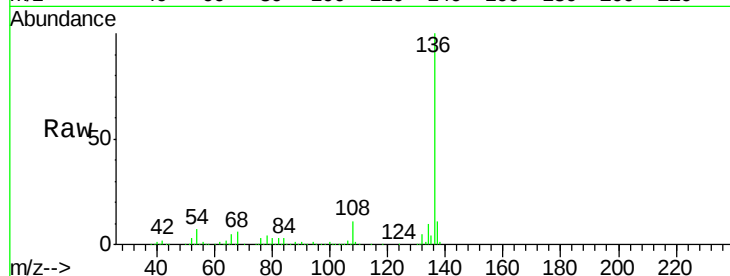




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085681.D
Acq: 23 Mar 2016 1:48

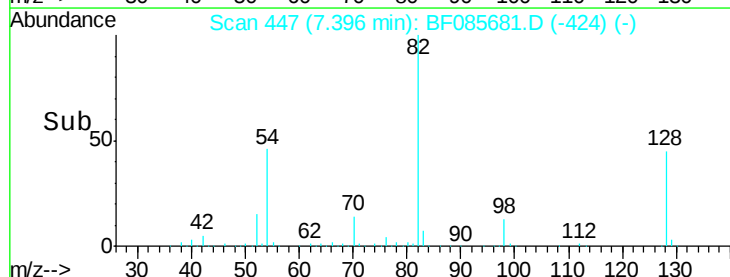
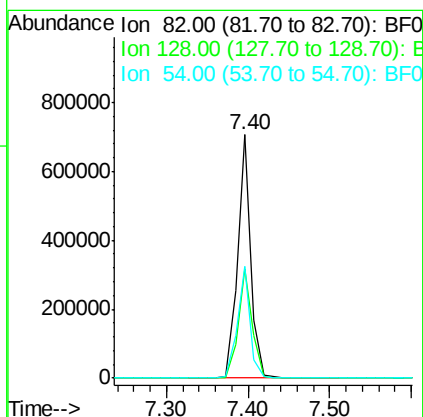
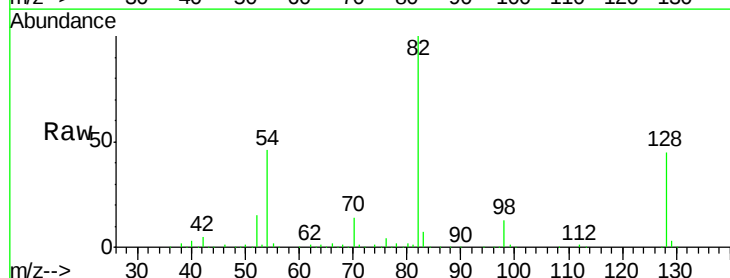
Instrument :
BNA_F
ClientSampleId :
MW-9

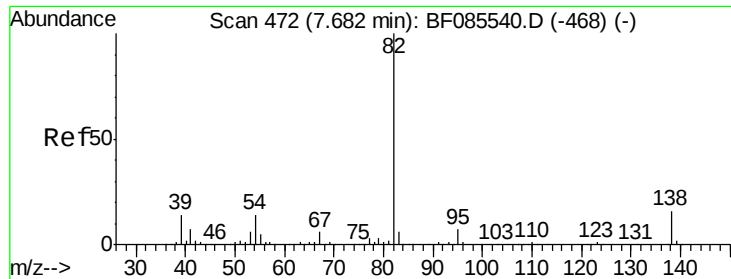
Tgt Ion:	136	Resp:	537718
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	7.4	11.0#
68	5.6	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 85.54 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085681.D
Acq: 23 Mar 2016 1:48

Tgt Ion:	82	Resp:	792397
Ion	Ratio	Lower	Upper
82	100		
128	44.9	41.8	62.8
54	45.8	33.4	50.0





#25

Isophorone

Concen: 32.85 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

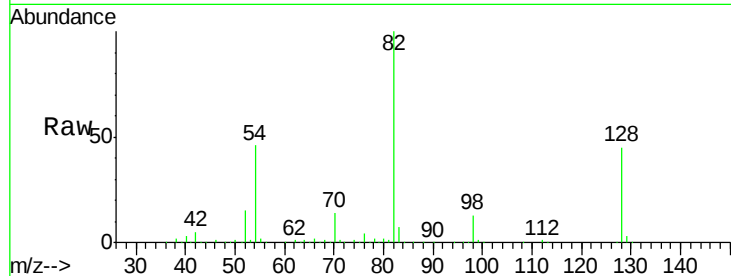
Tgt Ion: 82 Resp: 609265

Ion Ratio Lower Upper

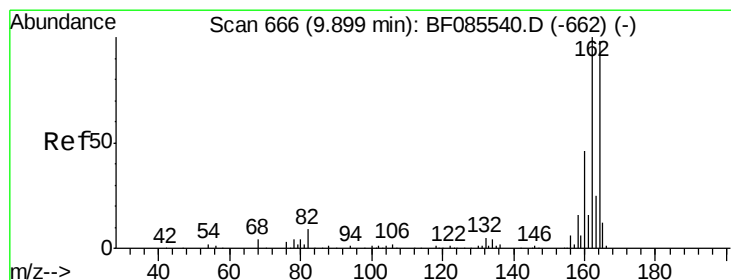
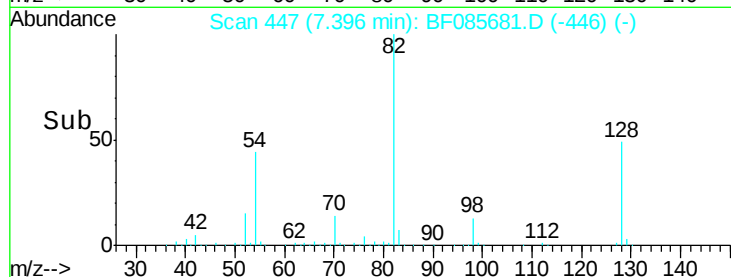
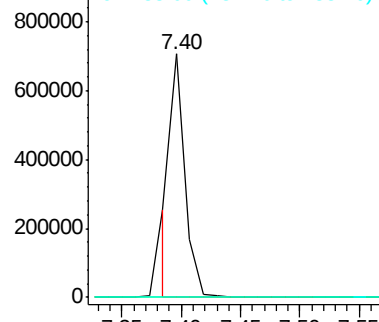
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

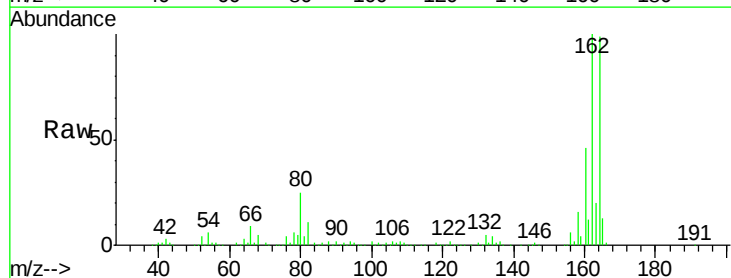
Tgt Ion: 164 Resp: 250233

Ion Ratio Lower Upper

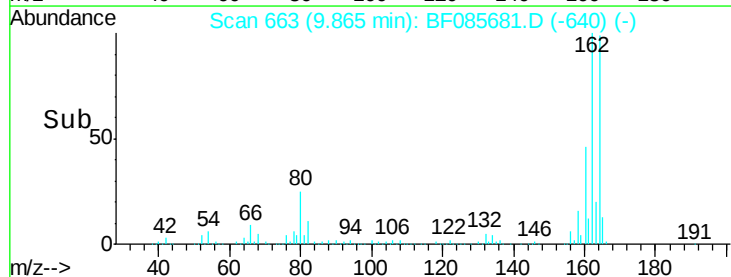
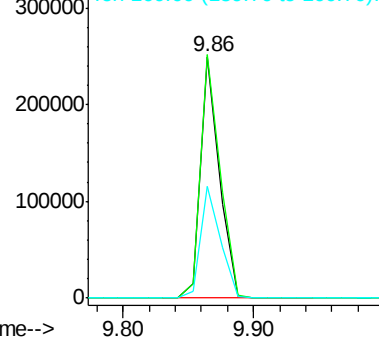
164 100

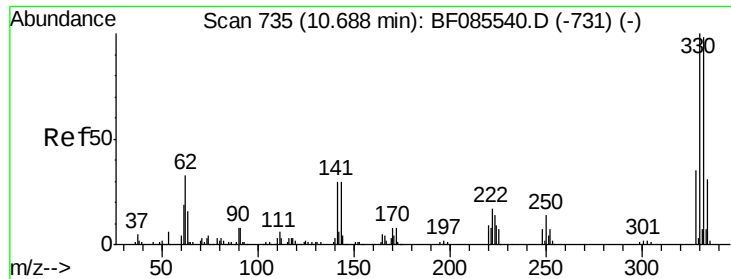
162 100.8 82.1 123.1

160 46.2 37.4 56.2



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

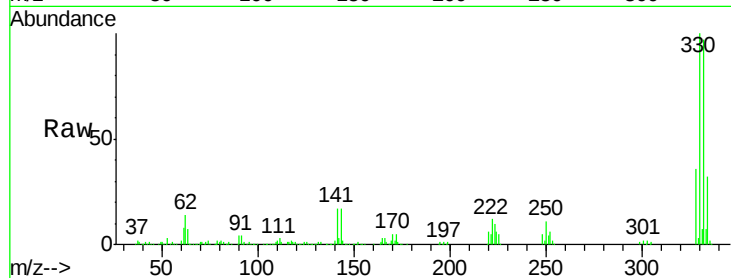




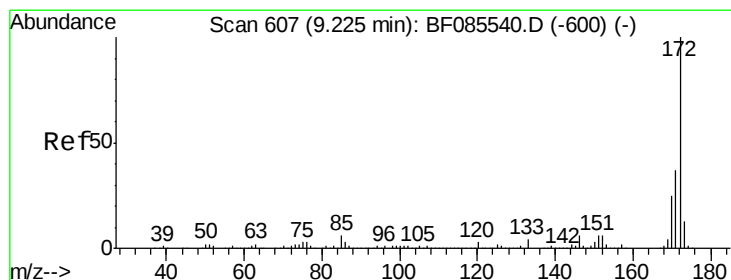
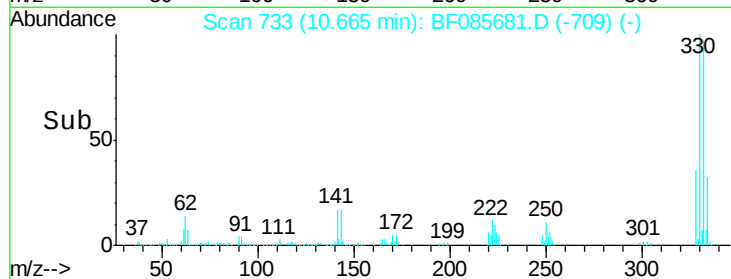
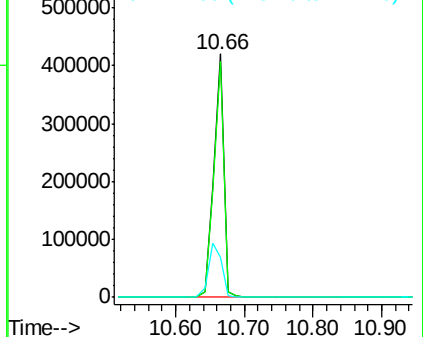
#41
 2,4,6-Tribromophenol
 Concen: 179.16 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085681.D
 Acq: 23 Mar 2016 1:48

Instrument :
 BNA_F
 ClientSampled :
 MW-9

Tgt Ion:330 Resp: 439146
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 29.4 31.5 47.3#

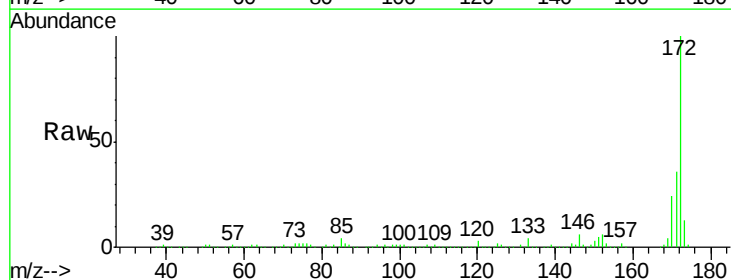


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

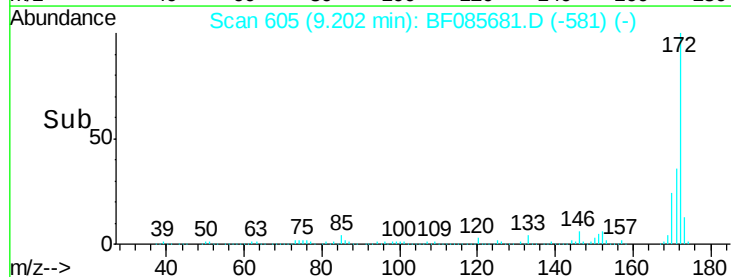
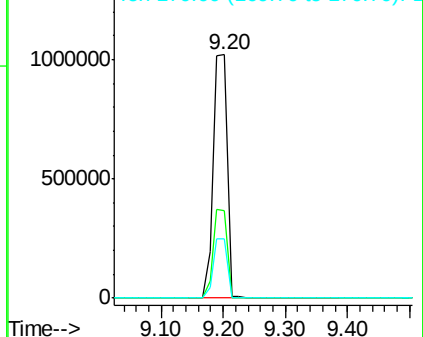


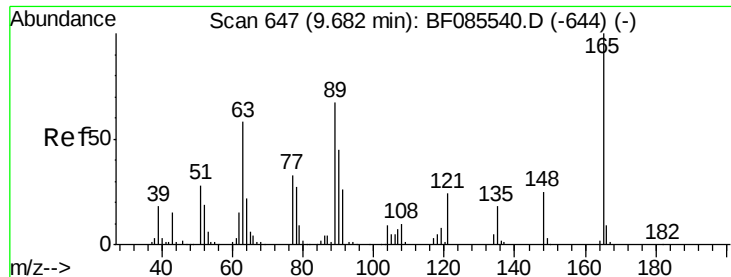
#44
 2-Fluorobiphenyl
 Concen: 116.37 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085681.D
 Acq: 23 Mar 2016 1:48

Tgt Ion:172 Resp: 1551459
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.3 19.8 29.6



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: 7.97 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.18 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

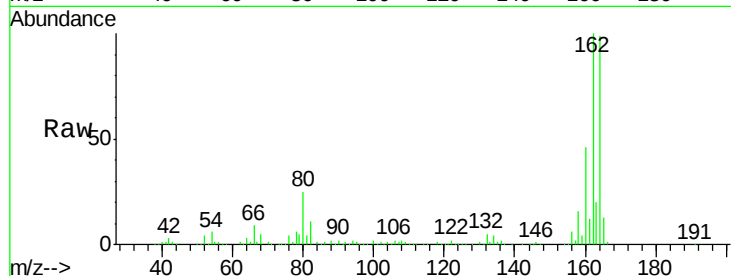
Tgt Ion:165 Resp: 31773

Ion Ratio Lower Upper

165 100

63 1.3 51.8 77.8#

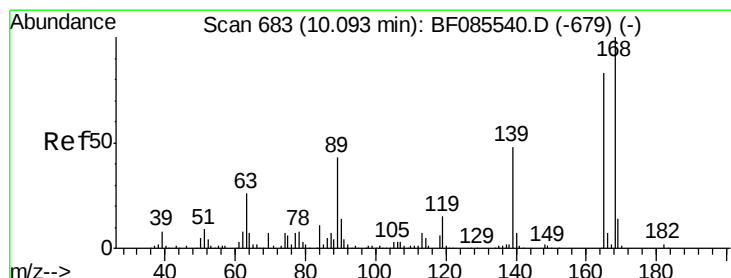
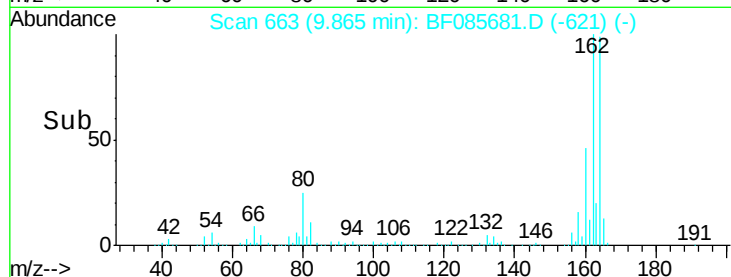
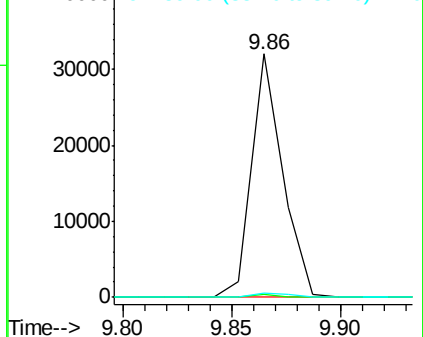
89 1.7 53.7 80.5#



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: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Tgt Ion:165 Resp: 31774

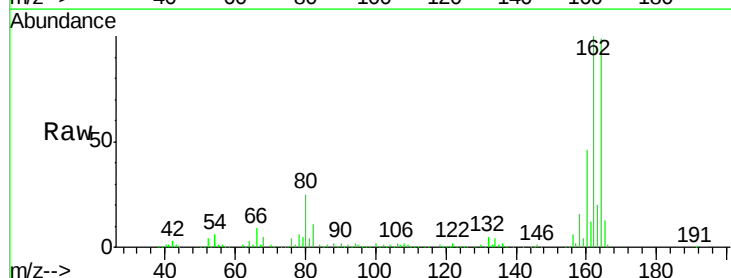
Ion Ratio Lower Upper

165 100

63 1.3 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

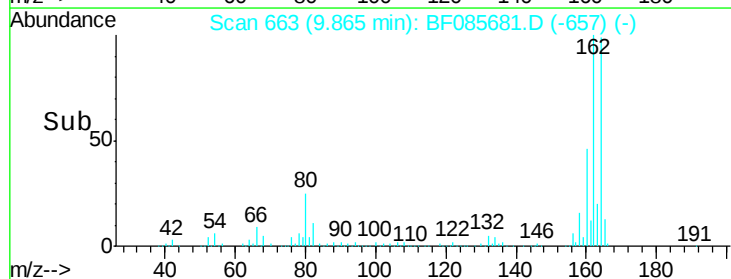
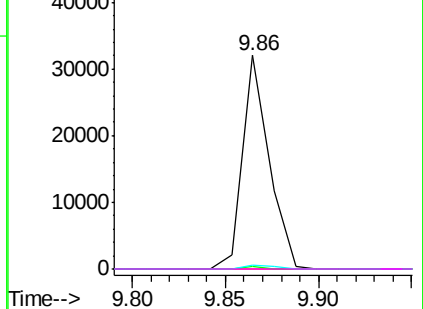


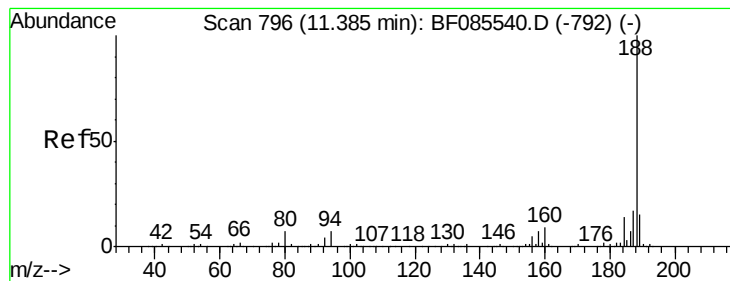
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

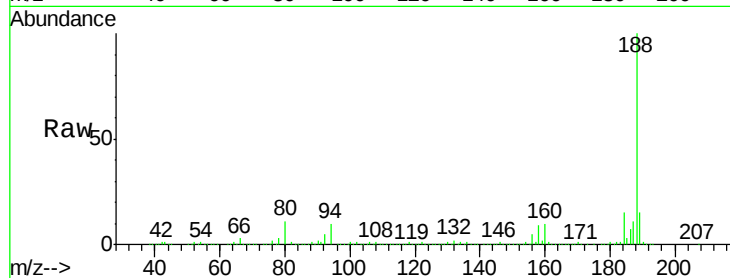
Tgt Ion:188 Resp: 503451

Ion Ratio Lower Upper

188 100

94 10.4 5.4 8.0#

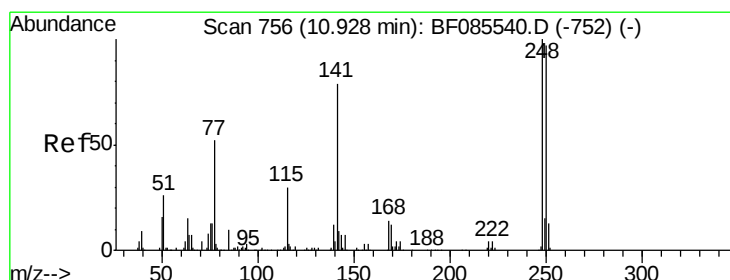
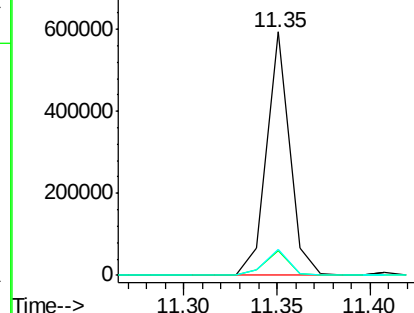
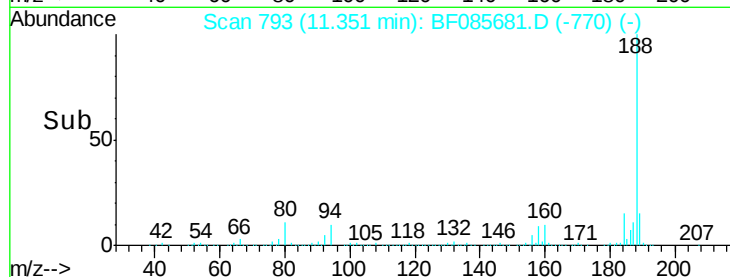
80 10.8 5.5 8.3#



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: 5.55 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.26 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

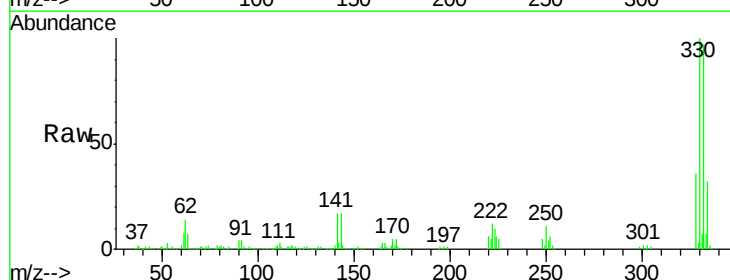
Tgt Ion:248 Resp: 27898

Ion Ratio Lower Upper

248 100

250 199.2 77.4 116.0#

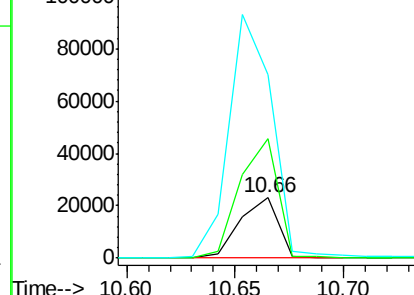
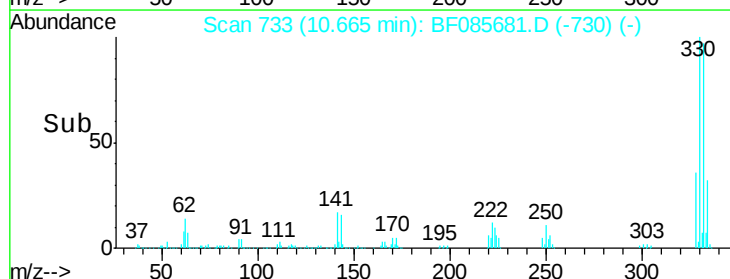
141 305.5 63.6 95.4#

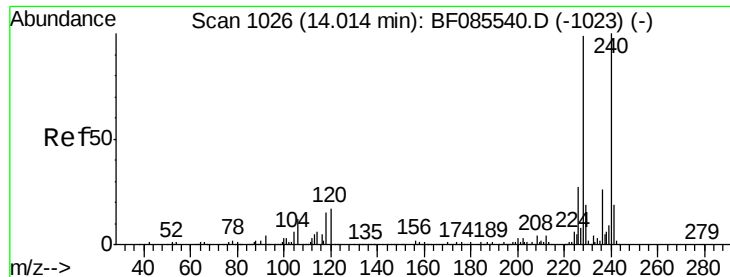


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

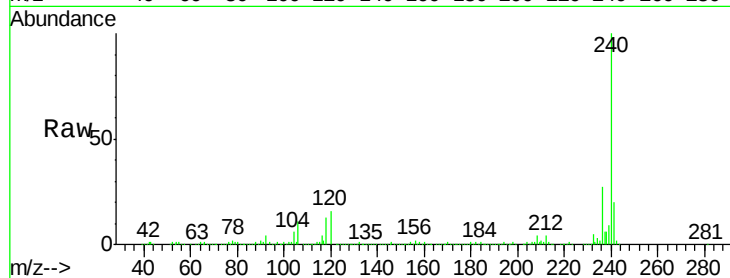
Tgt Ion:240 Resp: 354330

Ion Ratio Lower Upper

240 100

120 15.7 13.8 20.8

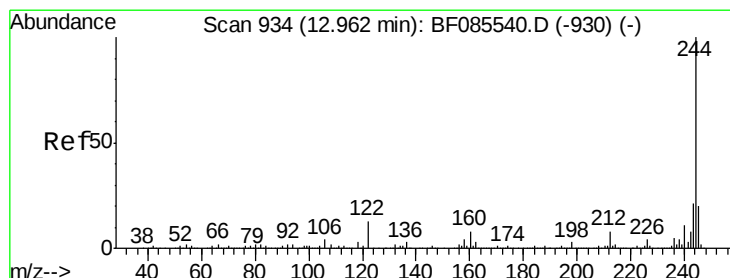
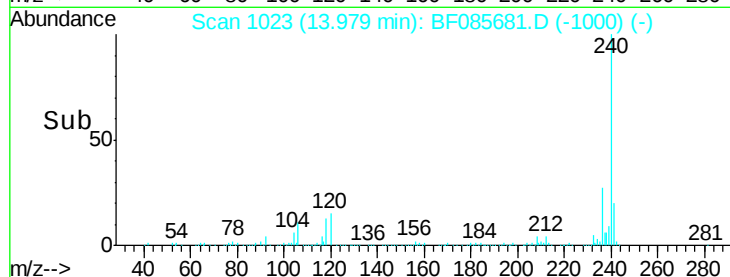
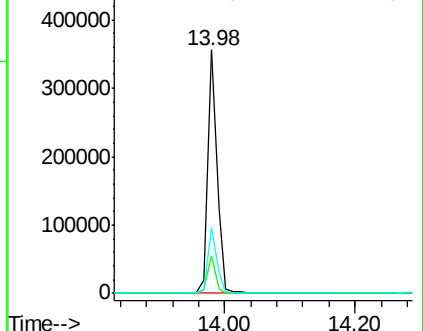
236 26.8 20.6 30.8



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: 94.22 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

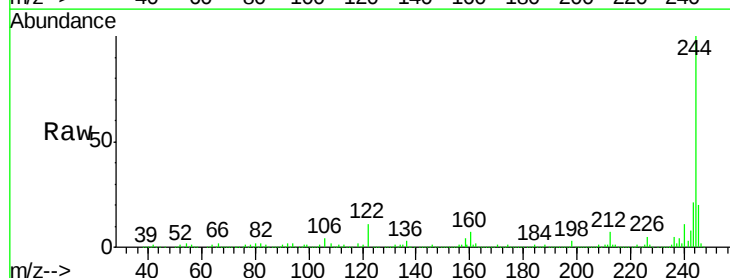
Tgt Ion:244 Resp: 1387297

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

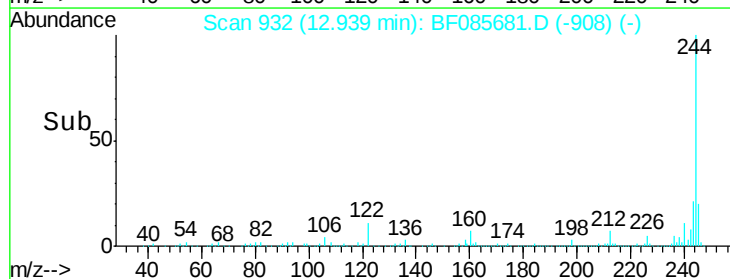
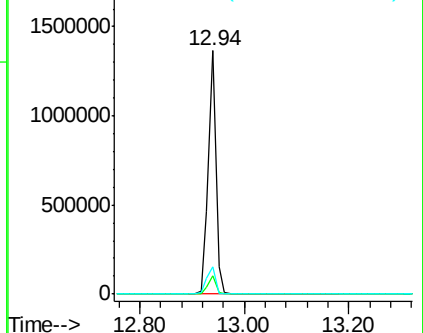
122 11.0 10.2 15.4

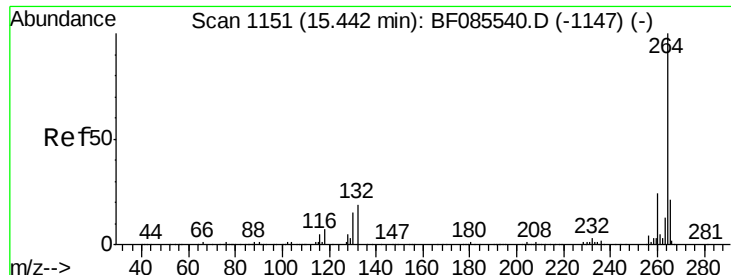


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



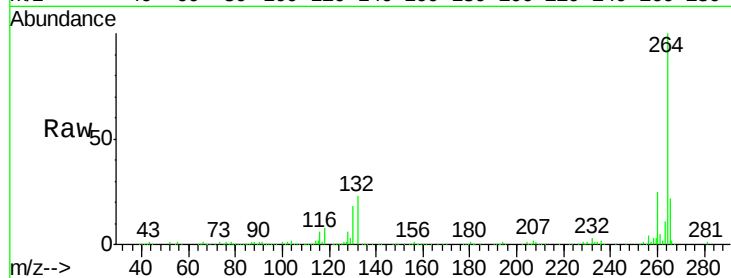


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085681.D
Acq: 23 Mar 2016 1:48

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 264 Resp: 236971

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.8	17.2	25.8



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

