

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084313.D
 Acq On : 7 Jan 2016 18:52
 Operator : SJ/UM
 Sample : H1028-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW004

Quant Time: Jan 08 00:11:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

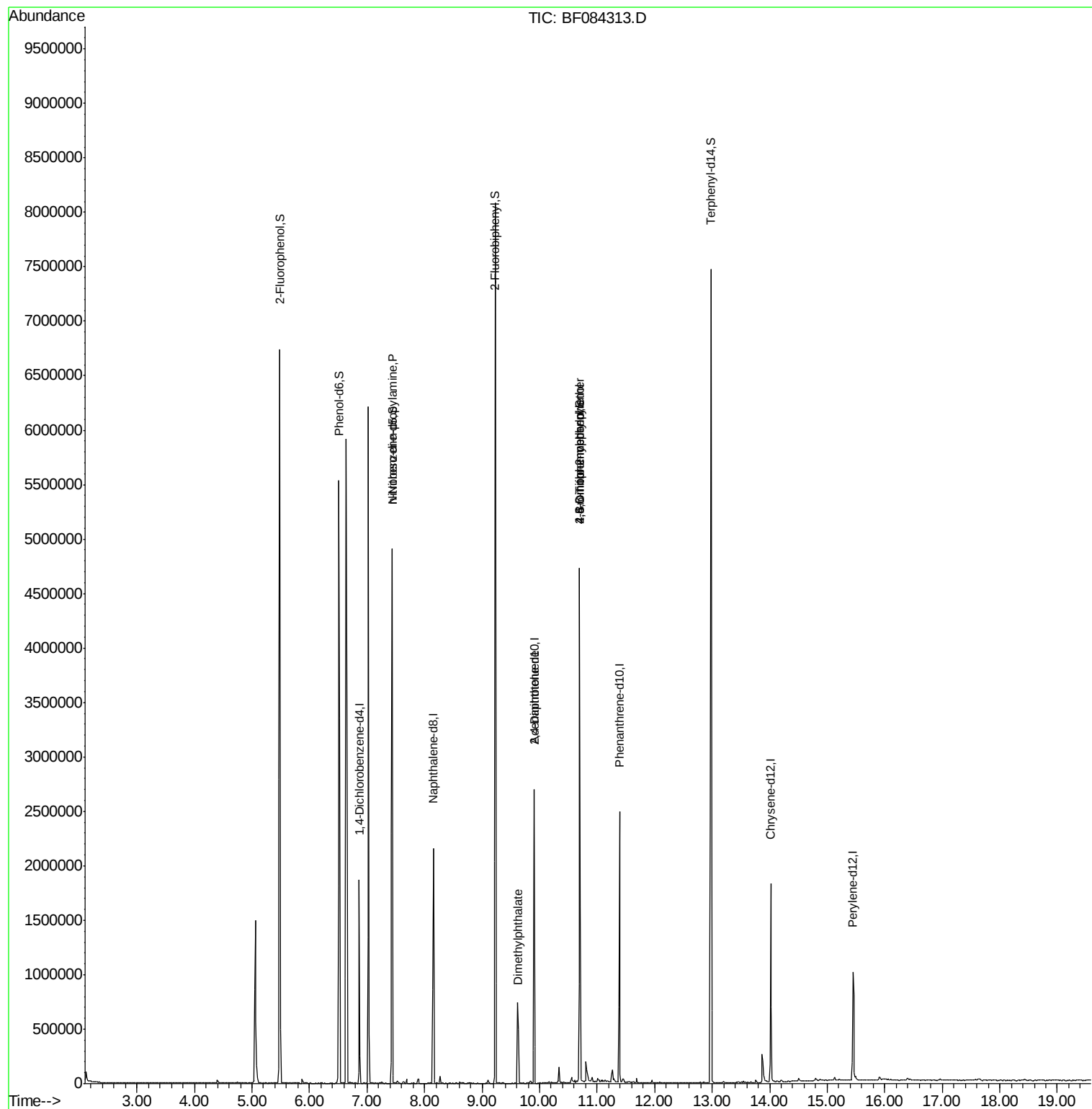
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	234733	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1029324	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	478918	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	879473	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	663997	20.00	ng	-0.05
86) Perylene-d12	15.45	264	518068	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1824434	125.72	ng	-0.01
7) Phenol-d6	6.51	99	2559221	140.41	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1672946	90.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	625133	129.29	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2343624	86.17	ng	-0.03
78) Terphenyl-d14	12.98	244	2232121	75.04	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	242088	19.62	ng	# 70
49) Dimethylphthalate	9.63	163	386014	11.27	ng	# 90
56) 2,4-Dinitrotoluene	9.90	165	63836	6.72	ng	# 21
57) Fluorene	10.69	166	23596	Below Cal		# 83
64) 4,6-Dinitro-2-methylphenol	10.69	198	1349	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	37472	3.96	ng	# 1
73) Di-n-butylphthalate	11.95	149	13025	Below Cal		# 97

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

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Quant Time: Jan 08 00:11:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SW004

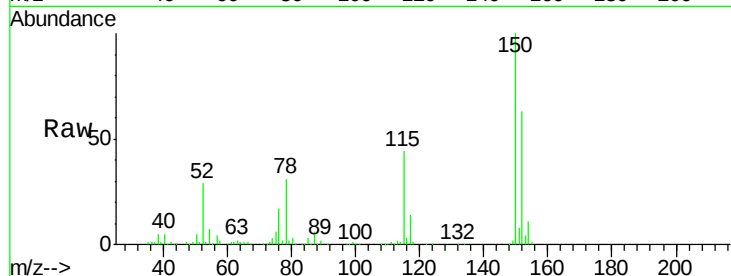
Tgt Ion:152 Resp: 234733

Ion Ratio Lower Upper

152 100

150 159.9 123.0 184.4

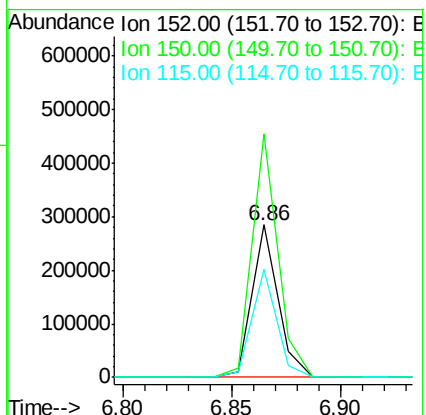
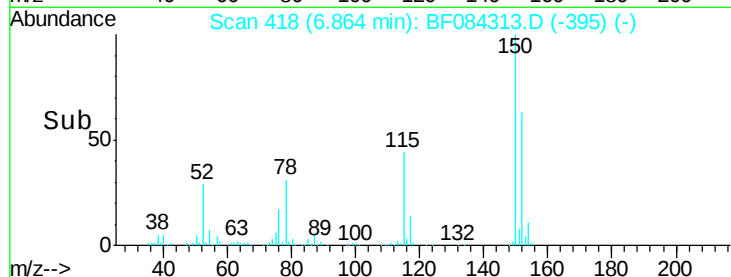
115 70.7 51.4 77.2



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: 125.72 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

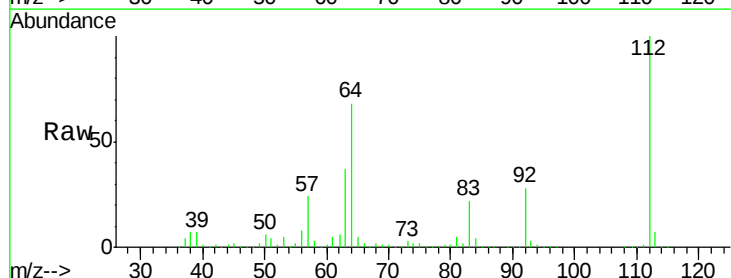
Tgt Ion:112 Resp: 1824434

Ion Ratio Lower Upper

112 100

64 68.2 36.6 55.0#

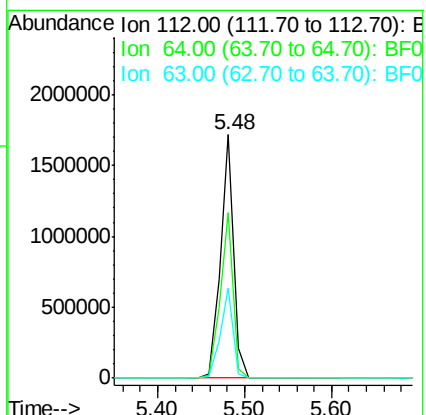
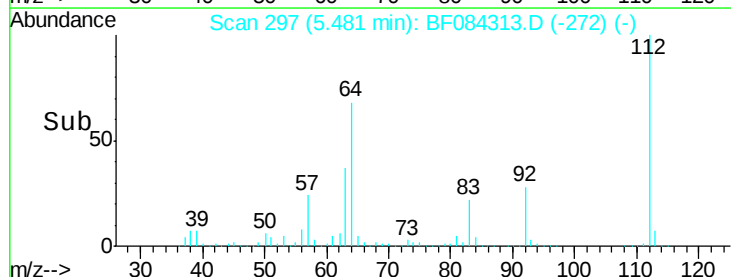
63 36.8 19.4 29.0#

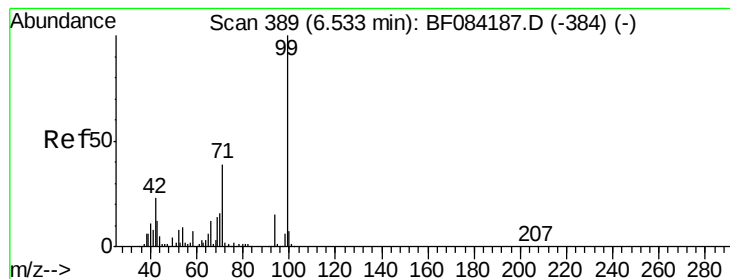


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.41 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SW004

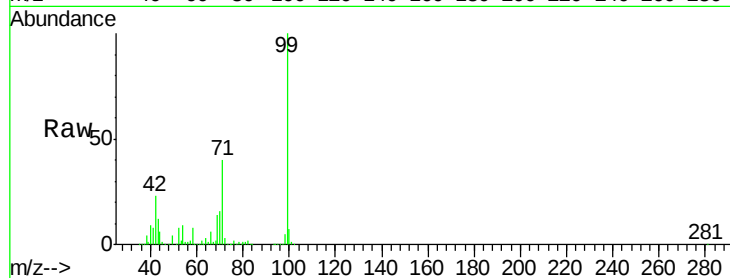
Tgt Ion: 99 Resp: 2559221

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

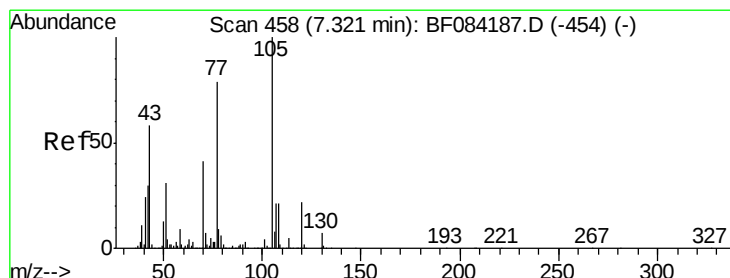
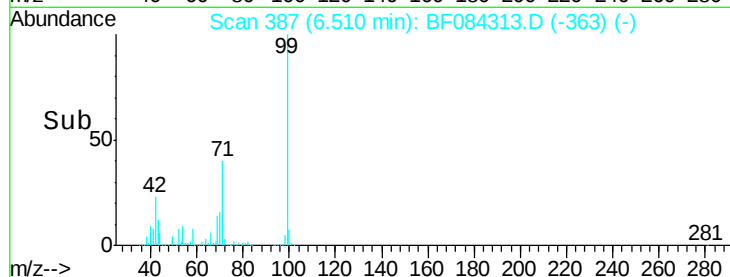
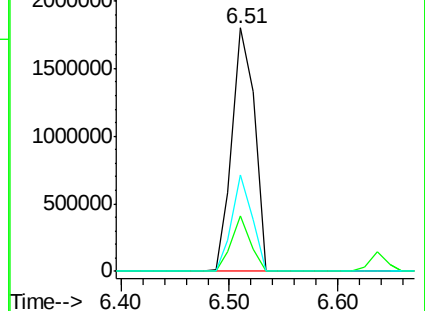
71 39.6 30.9 46.3



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: 19.62 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

Tgt Ion: 70 Resp: 242088

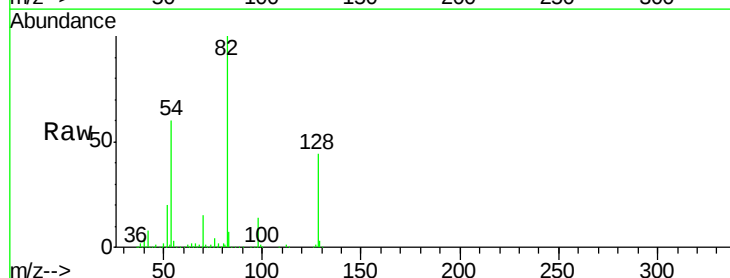
Ion Ratio Lower Upper

70 100

42 51.6 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

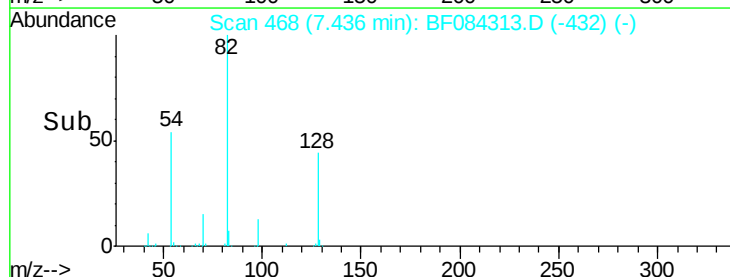
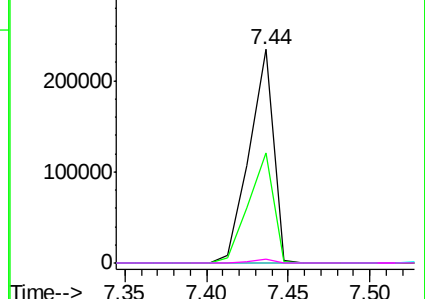


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

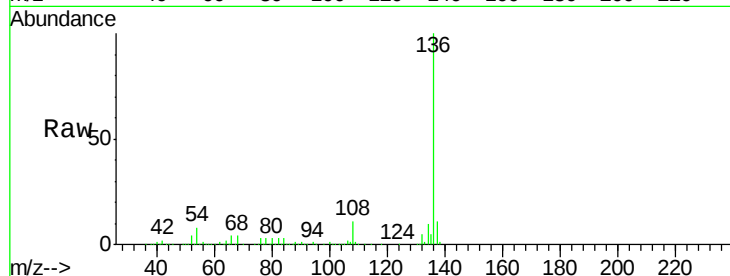




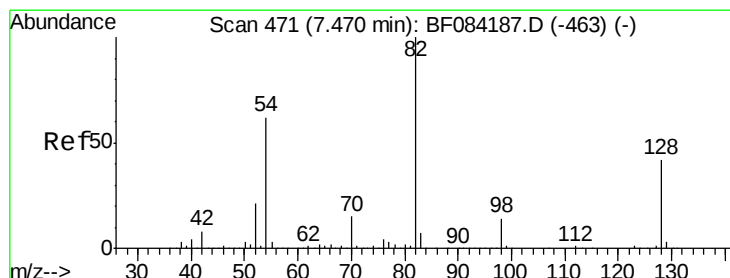
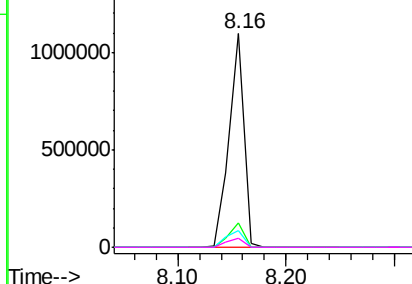
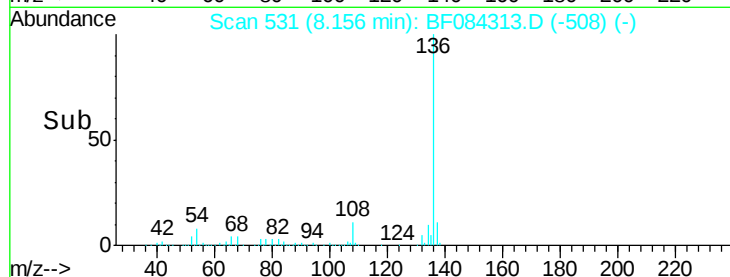
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084313.D
Acq: 7 Jan 2016 18:52

Instrument :
BNA_F
ClientSampleId :
SW004

Tgt Ion:136 Resp: 1029324
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.6 5.8 8.8
68 4.4 4.2 6.2

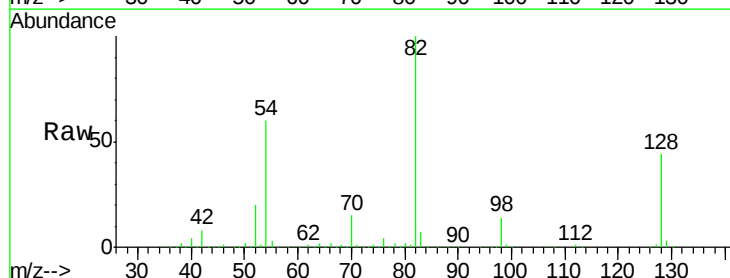


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

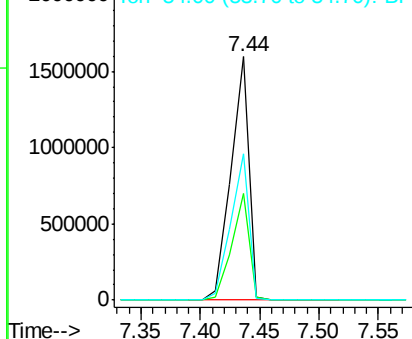
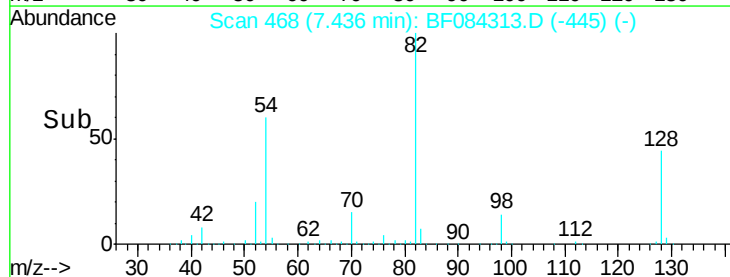


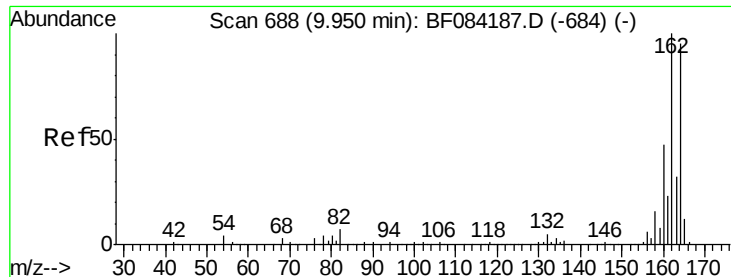
#23
Nitrobenzene-d5
Concen: 90.46 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084313.D
Acq: 7 Jan 2016 18:52

Tgt Ion: 82 Resp: 1672946
Ion Ratio Lower Upper
82 100
128 43.6 34.6 51.8
54 60.0 38.4 57.6#



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: 9.90 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

Instrument :

BNA_F

ClientSampled :

SW004

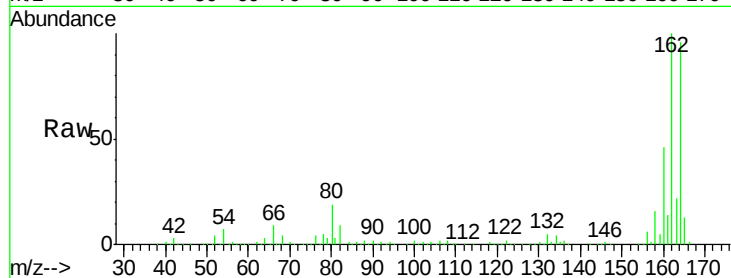
Tgt Ion:164 Resp: 478918

Ion Ratio Lower Upper

164 100

162 104.4 85.1 127.7

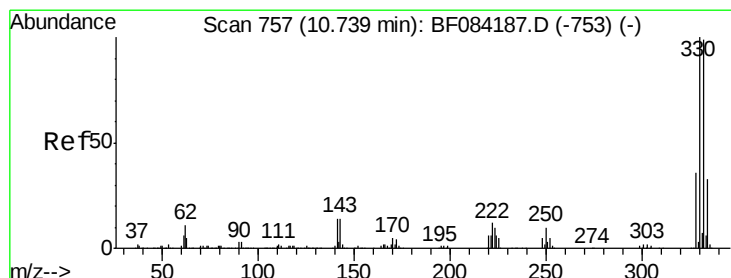
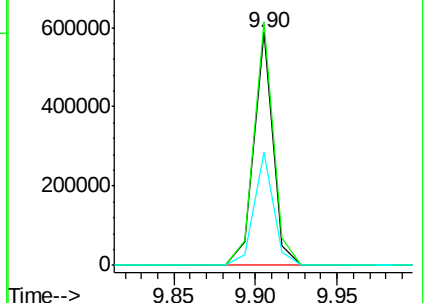
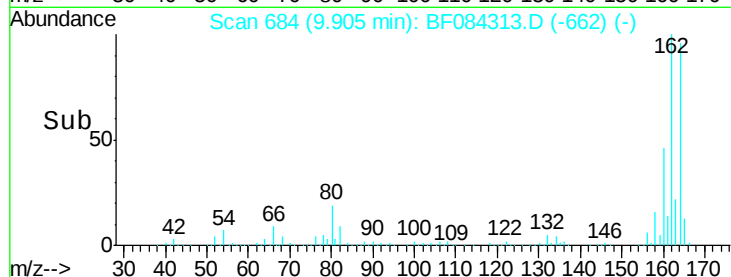
160 48.3 37.5 56.3



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: 129.29 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

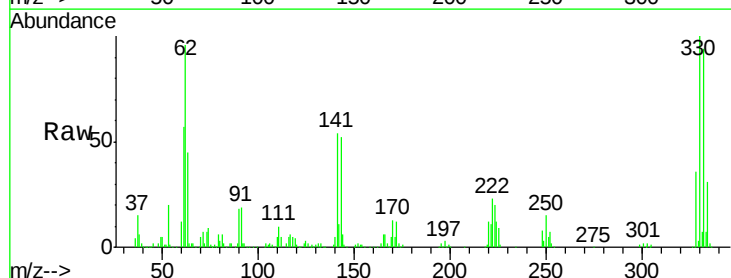
Tgt Ion:330 Resp: 625133

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

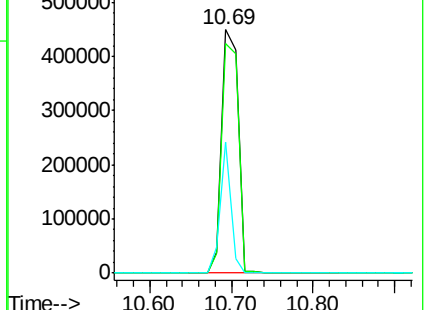
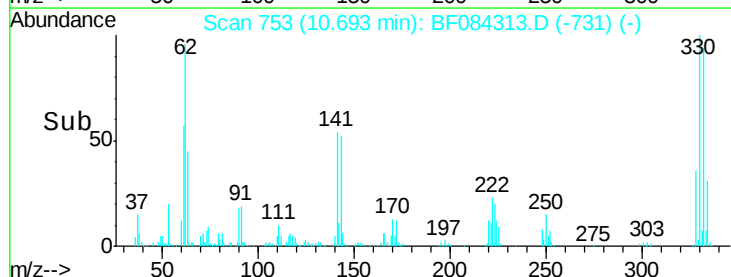
141 35.2 27.8 41.6

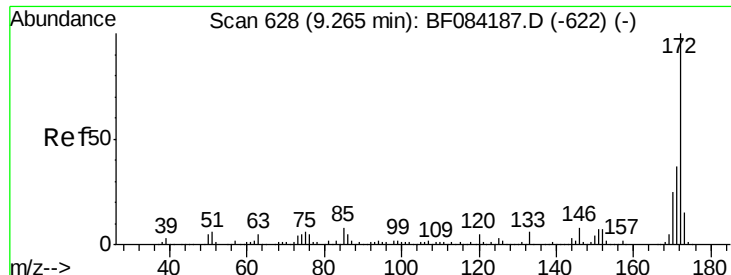


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

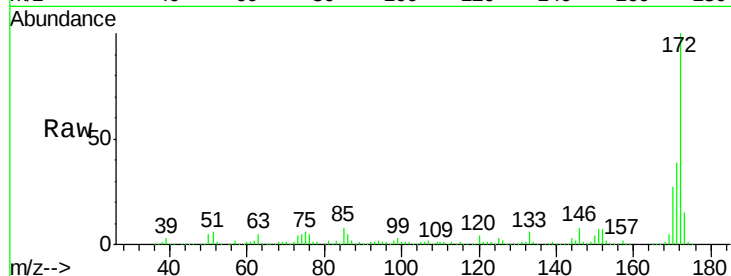




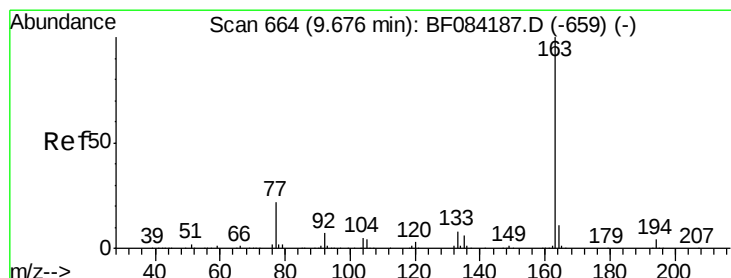
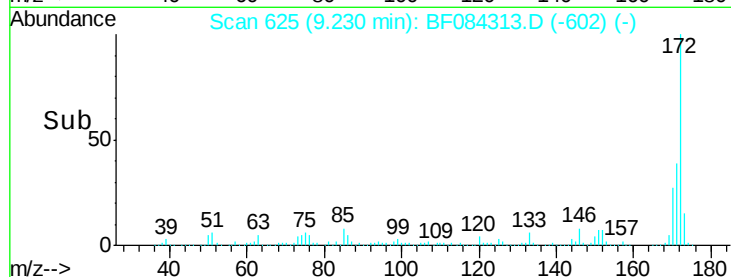
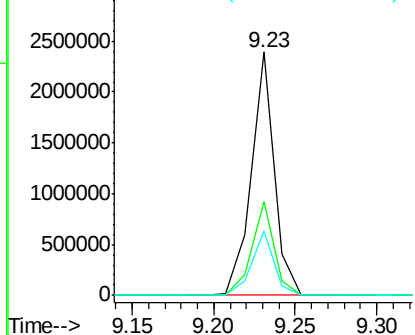
#44
 2-Fluorobiphenyl
 Concen: 86.17 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084313.D
 Acq: 7 Jan 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SW004

Tgt Ion:172 Resp: 2343624
 Ion Ratio Lower Upper
 172 100
 171 38.5 28.9 43.3
 170 26.7 18.6 27.8

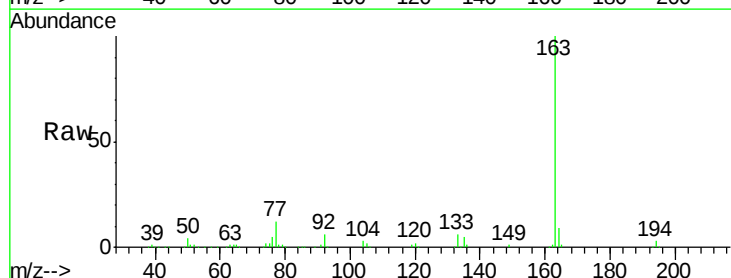


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

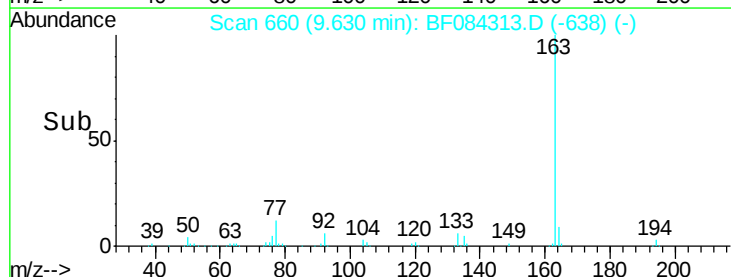
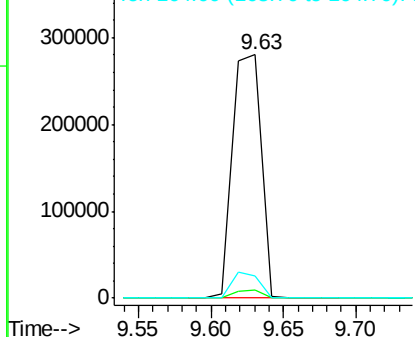


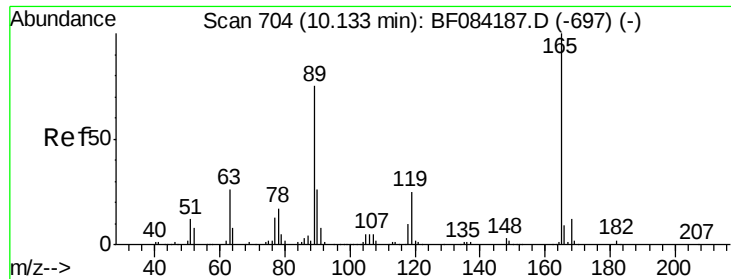
#49
 Dimethylphthalate
 Concen: 11.27 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF084313.D
 Acq: 7 Jan 2016 18:52

Tgt Ion:163 Resp: 386014
 Ion Ratio Lower Upper
 163 100
 194 3.5 8.0 12.0#
 164 9.1 8.0 12.0



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

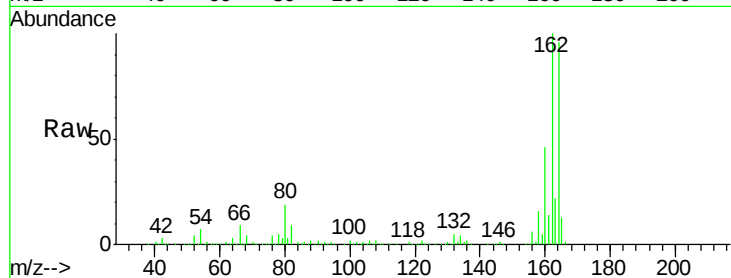




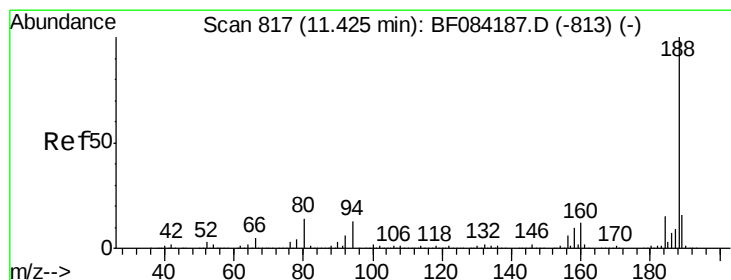
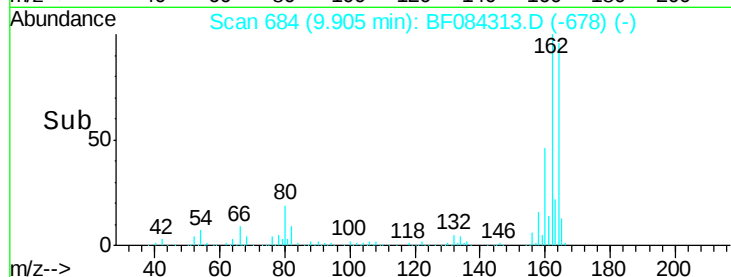
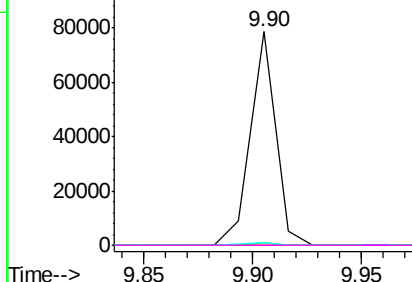
#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF084313.D
 Acq: 7 Jan 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SW004

Tgt Ion:165 Resp: 63836
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.7 55.1#
 89 1.3 61.9 92.9#
 182 0.0 2.0 3.0#

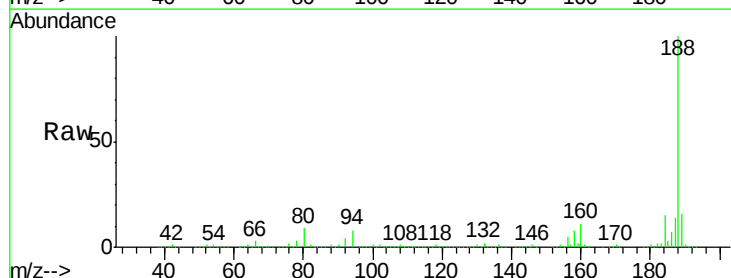


Abundance Ion 165.00 (164.70 to 165.70): E
 120000
 100000
 80000
 60000
 40000
 20000
 0

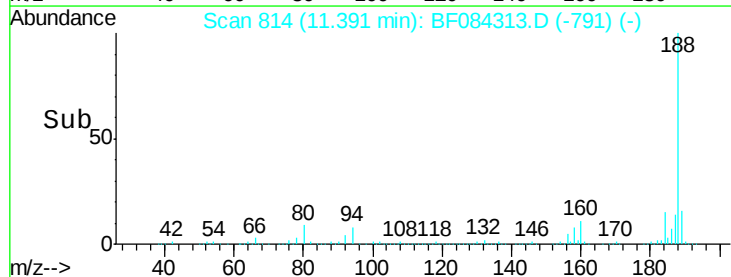
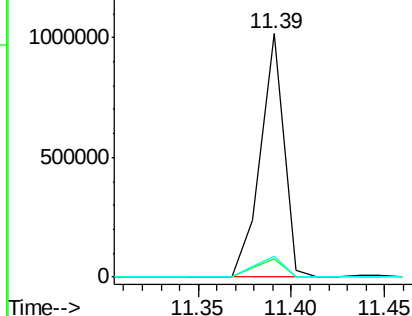


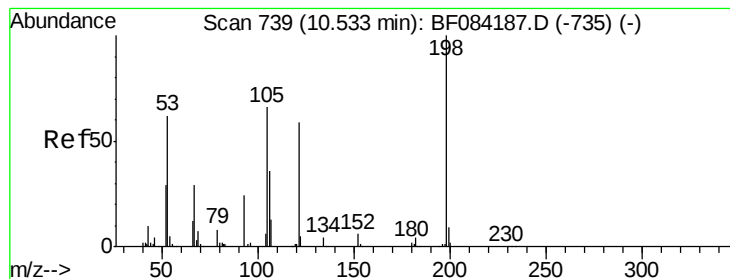
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF084313.D
 Acq: 7 Jan 2016 18:52

Tgt Ion:188 Resp: 879473
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.4#
 80 8.7 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E
 1000000
 500000
 0





#64

4,6-Dinitro-2-methylphenol

Concen: 6.61 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SW004

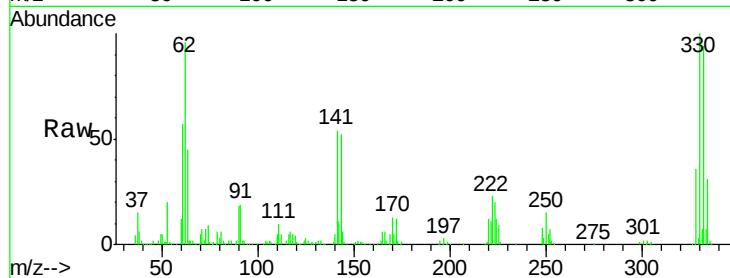
Tgt Ion:198 Resp: 1349

Ion Ratio Lower Upper

198 100

51 204.0 18.9 58.9#

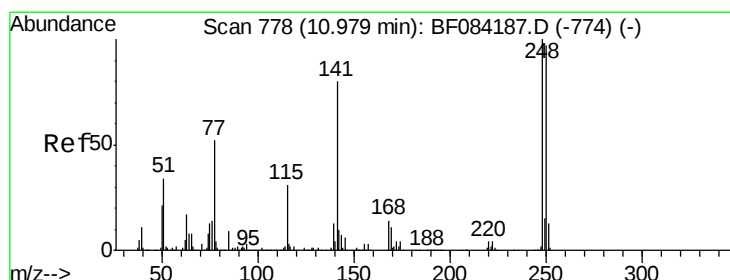
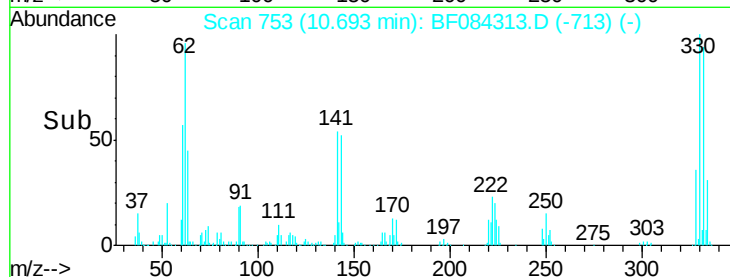
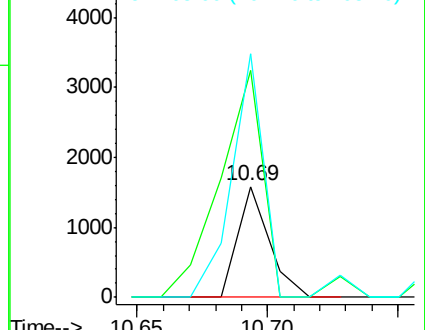
105 219.1 26.4 66.4#



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



#66

4-Bromophenyl-phenylether

Concen: 3.96 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

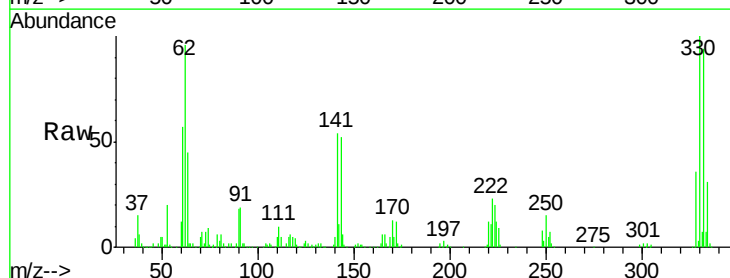
Tgt Ion:248 Resp: 37472

Ion Ratio Lower Upper

248 100

250 195.5 78.4 117.6#

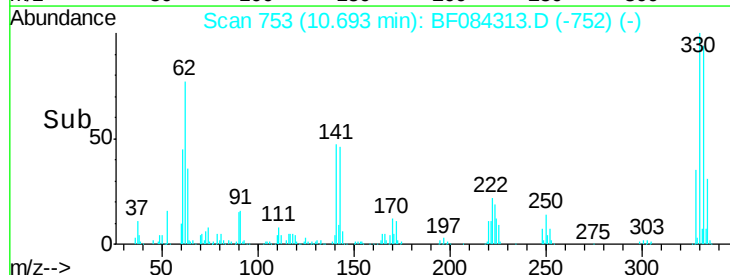
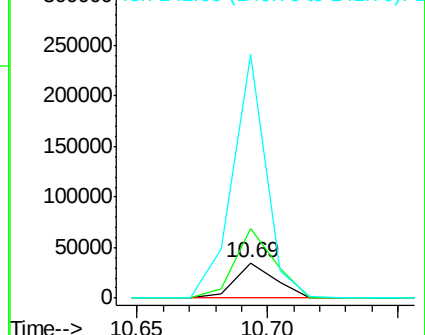
141 687.4 44.0 66.0#

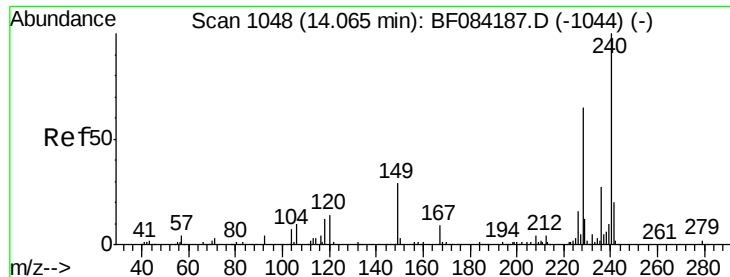


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SW004

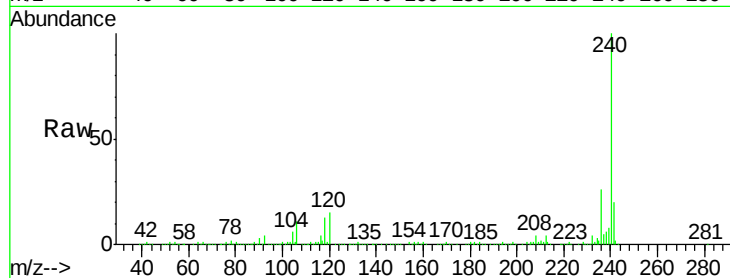
Tgt Ion:240 Resp: 663997

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

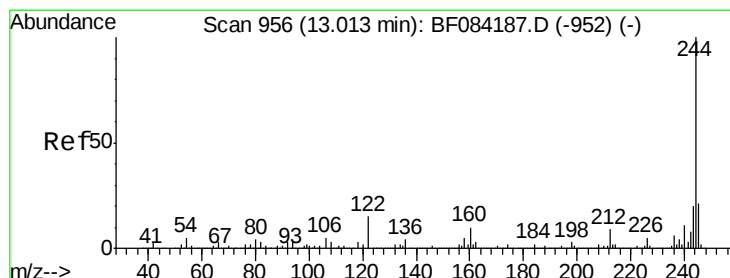
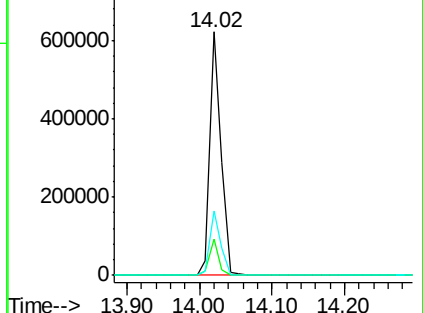
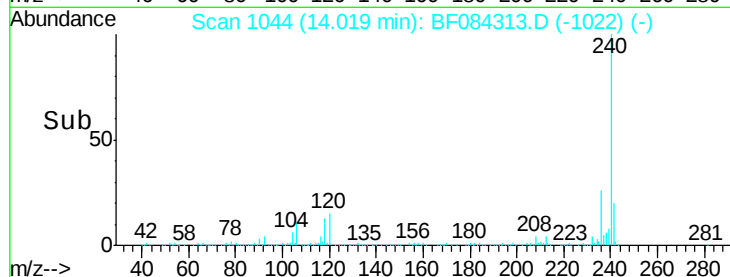
236 26.5 20.6 31.0



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: 75.04 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084313.D

Acq: 7 Jan 2016 18:52

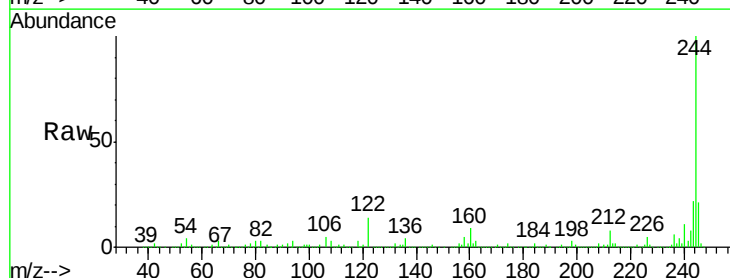
Tgt Ion:244 Resp: 2232121

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

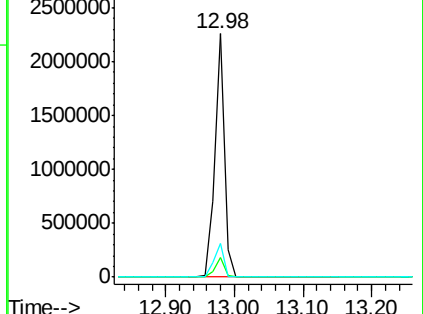
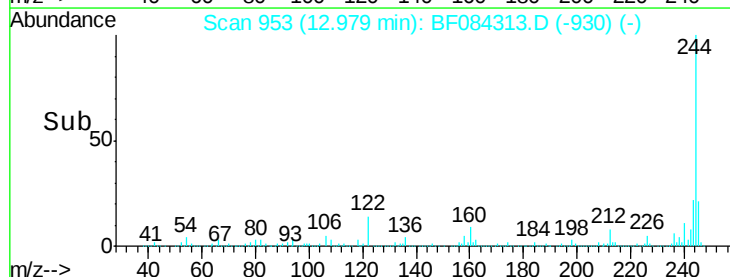
122 13.9 7.4 11.0#

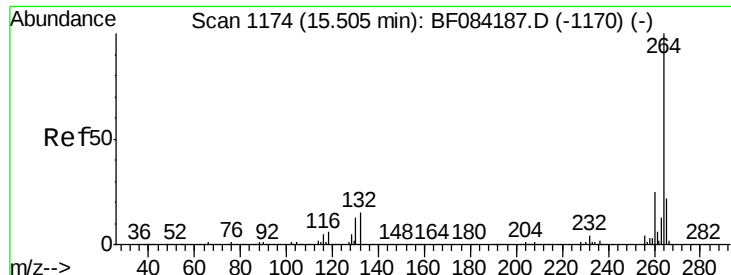


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

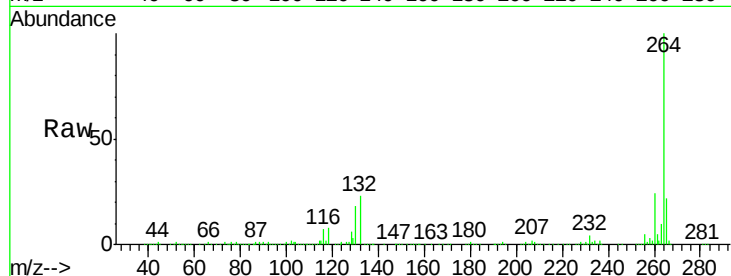




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084313.D
Acq: 7 Jan 2016 18:52

Instrument :
BNA_F
ClientSampleId :
SW004

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	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

