

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084405.D
 Acq On : 12 Jan 2016 3:41
 Operator : SJ/UM
 Sample : H1067-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Jan 12 04:51:23 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

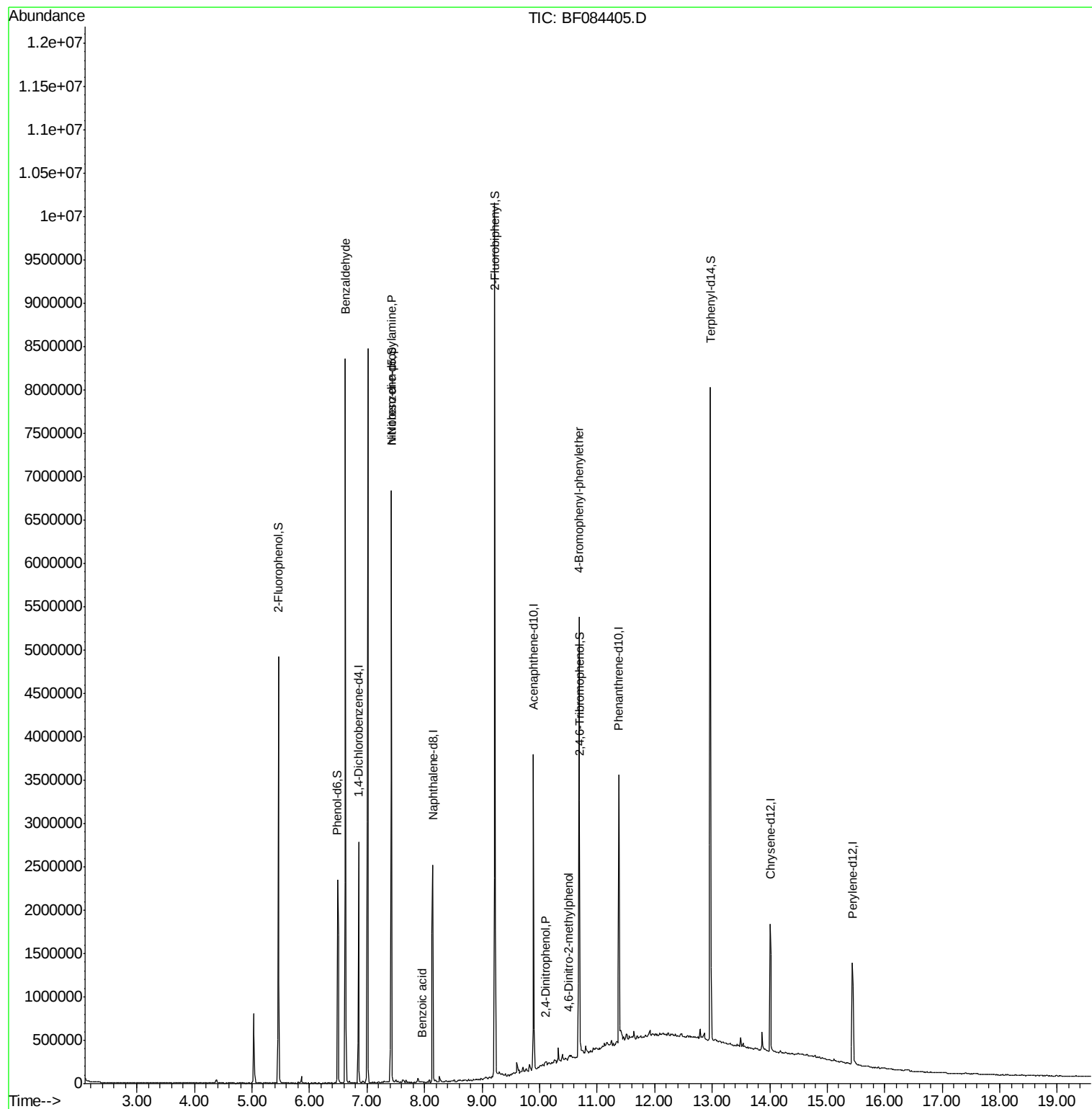
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	380320	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1483647	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	658654	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1091926	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	700356	20.00	ng	-0.06
86) Perylene-d12	15.44	264	622406	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1310437	55.73	ng	-0.03
7) Phenol-d6	6.49	99	1071779	36.29	ng	-0.05
23) Nitrobenzene-d5	7.42	82	2461362	92.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	857008	128.88	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3118153	83.14	ng	-0.04
78) Terphenyl-d14	12.97	244	2365003	75.38	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.62	77	54249	2.82	ng	# 73
19) n-Nitroso-di-n-propylamine	7.42	70	356617	17.84	ng	# 75
32) Benzoic acid	7.95	122	209	6.26	ng	# 18
53) 2,4-Dinitrophenol	10.11	184	245	3.61	ng	# 41
54) Dibenzofuran	10.10	168	944	Below Cal	#	1
57) Fluorene	10.44	166	1435	Below Cal	#	54
60) 4-Chlorophenyl-phenylether	10.42	204	1991	Below Cal	#	59
64) 4,6-Dinitro-2-methylphenol	10.51	198	573	6.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	52186	4.44	ng	# 1
73) Di-n-butylphthalate	11.95	149	5221	Below Cal	#	21

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

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Quant Time: Jan 12 04:51:23 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



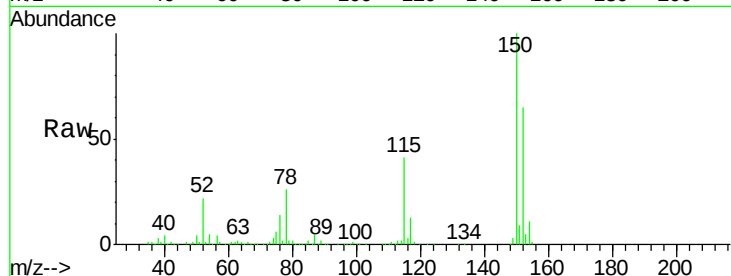


#1

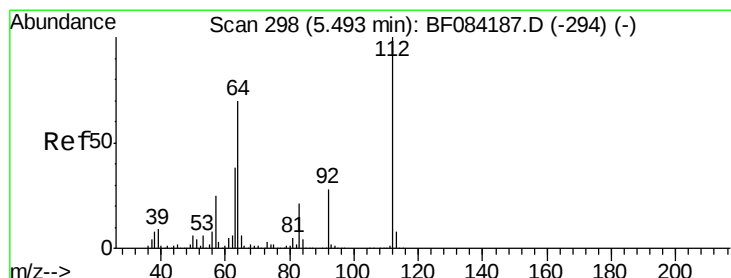
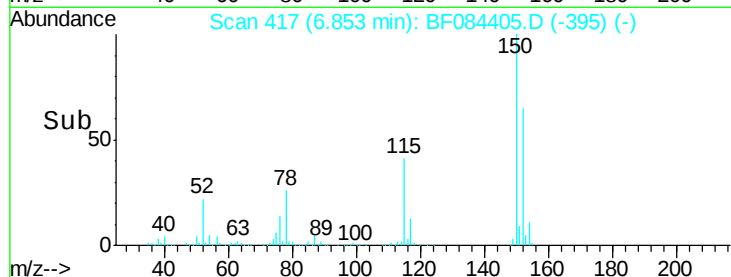
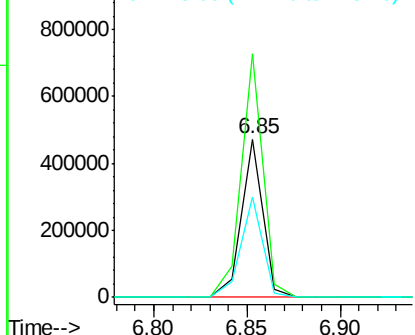
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:152 Resp: 380320
Ion Ratio Lower Upper
152 100
150 153.8 123.0 184.4
115 63.7 51.4 77.2



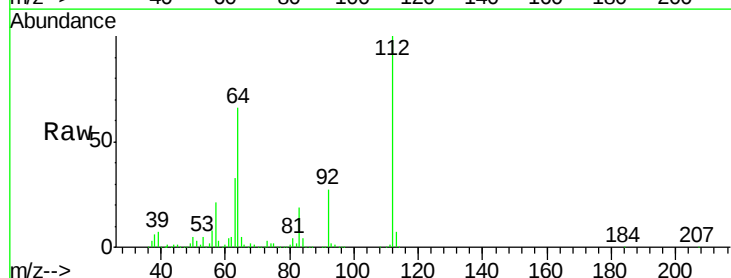
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



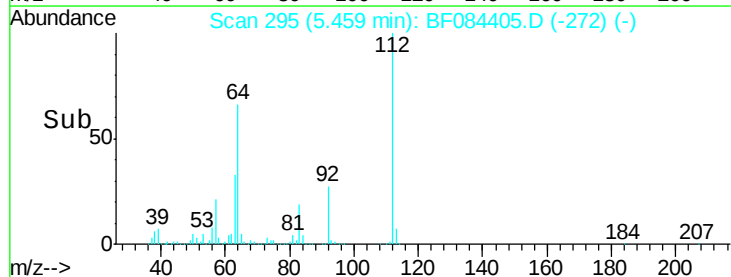
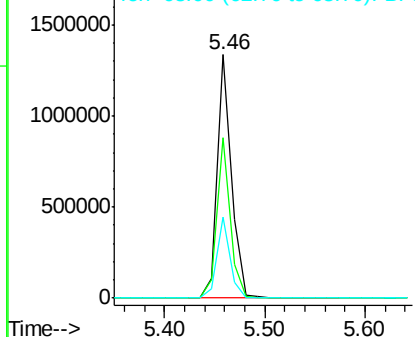
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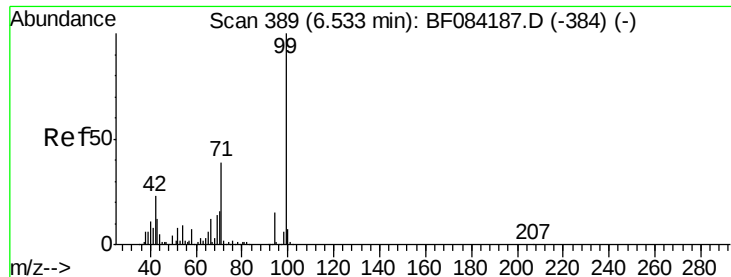
2-Fluorophenol
Concen: 55.73 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

Tgt Ion:112 Resp: 1310437
Ion Ratio Lower Upper
112 100
64 66.0 36.6 55.0#
63 33.1 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: 36.29 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

Instrument :

BNA_F

ClientSampled :

MW-02

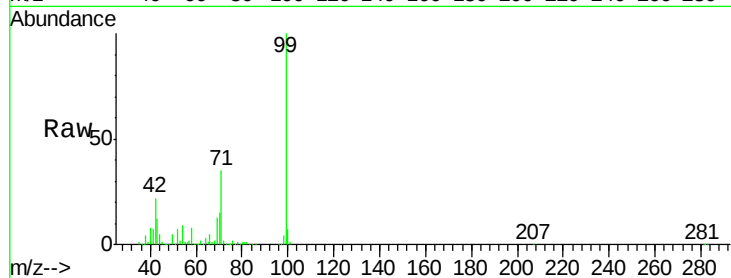
Tgt Ion: 99 Resp: 1071779

Ion Ratio Lower Upper

99 100

42 21.8 12.8 19.2#

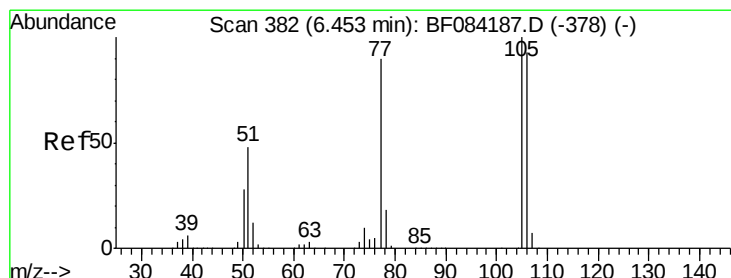
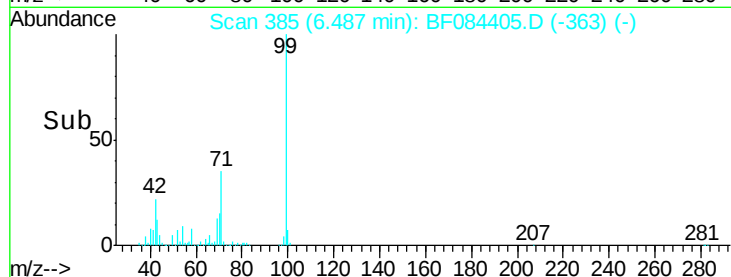
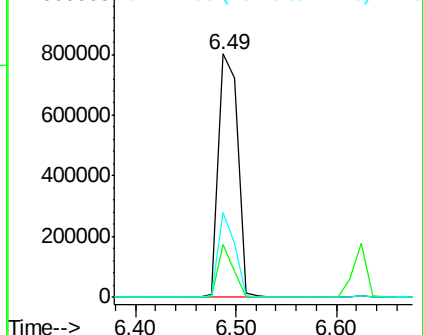
71 34.7 30.9 46.3



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



#9

Benzaldehyde

Concen: 2.82 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.17 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

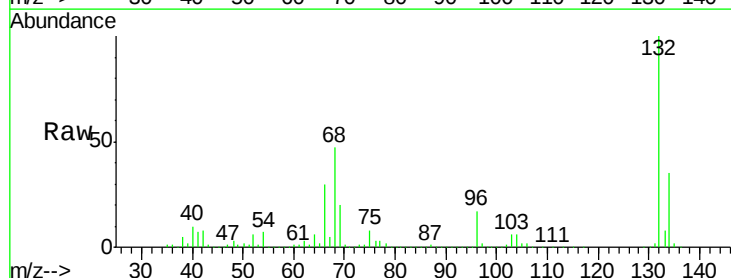
Tgt Ion: 77 Resp: 54249

Ion Ratio Lower Upper

77 100

105 75.7 83.0 123.0#

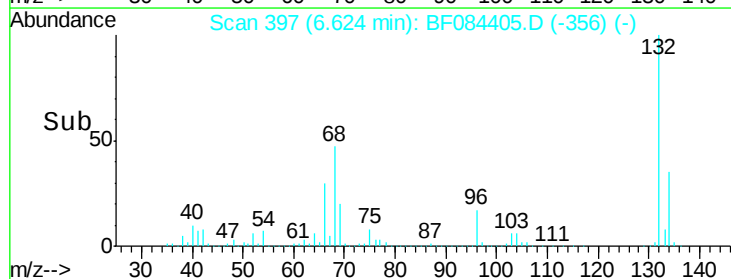
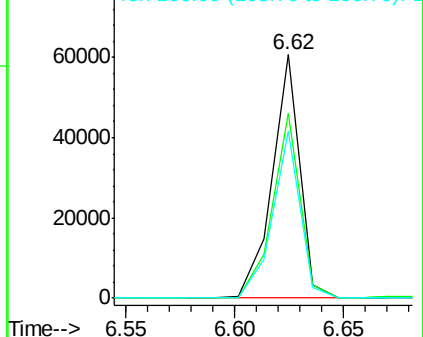
106 68.7 74.6 114.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

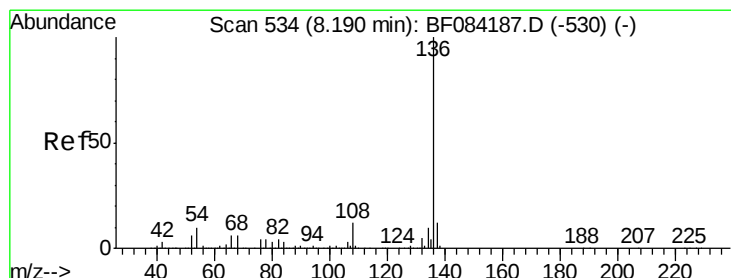
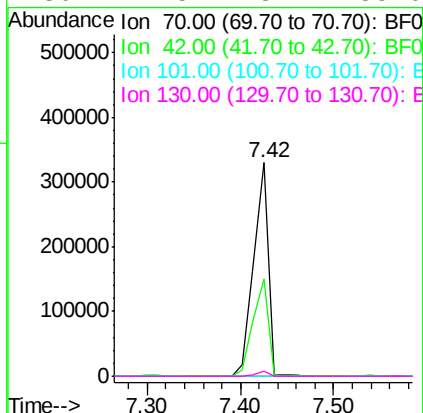
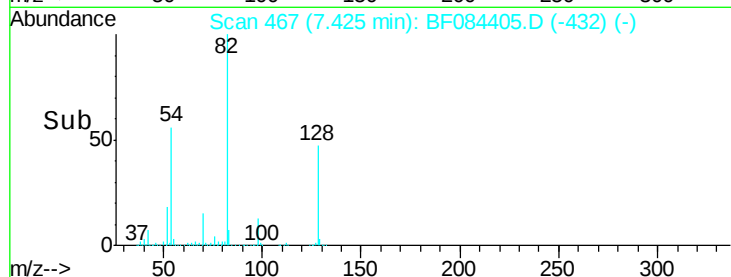
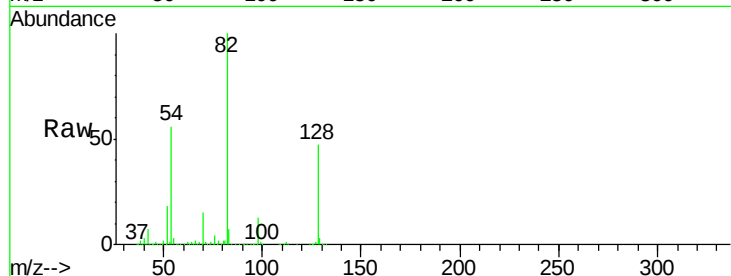




#19
n-Nitroso-di-n-propylamine
Concen: 17.84 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

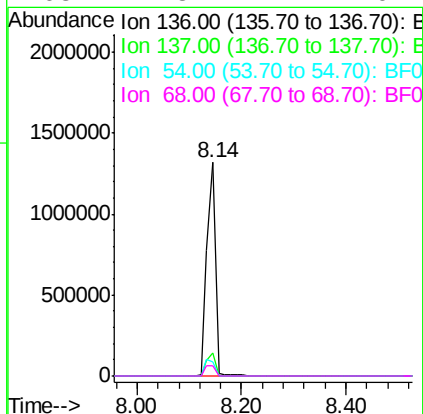
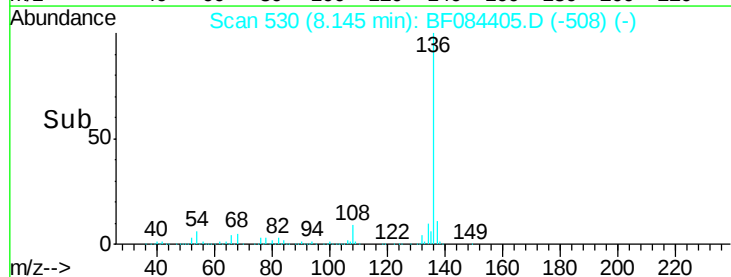
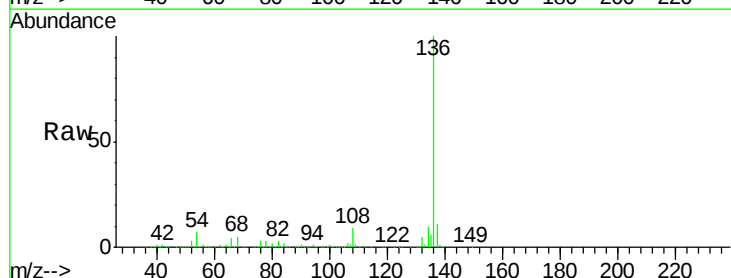
Instrument :
BNA_F
ClientSampleId :
MW-02

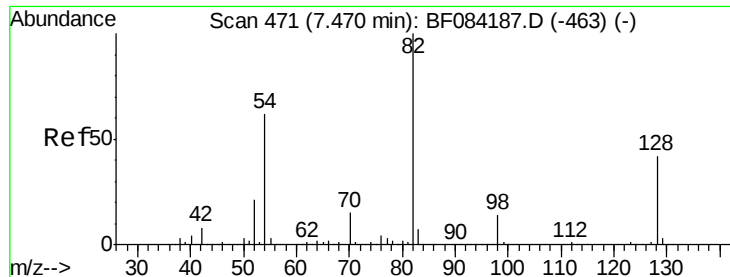
Tgt Ion: 70 Resp: 356617
Ion Ratio Lower Upper
70 100
42 45.4 33.3 49.9
101 0.0 9.3 13.9#
130 2.5 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

Tgt Ion: 136 Resp: 1483647
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.5 5.8 8.8
68 4.8 4.2 6.2

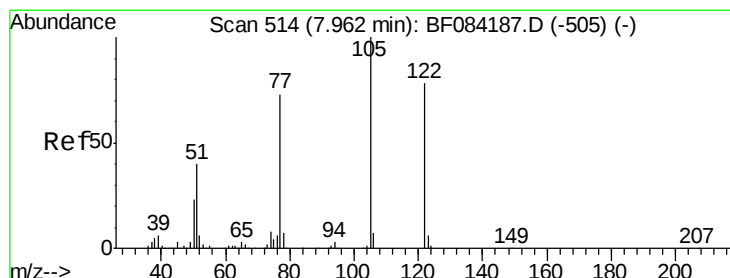
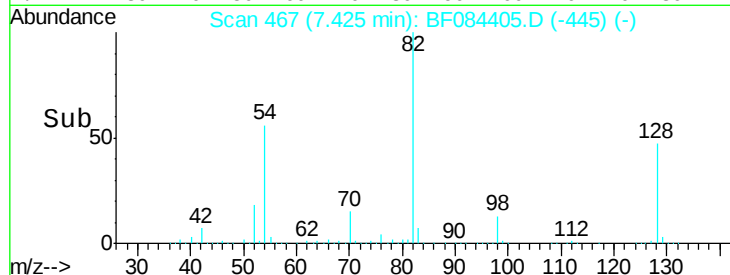
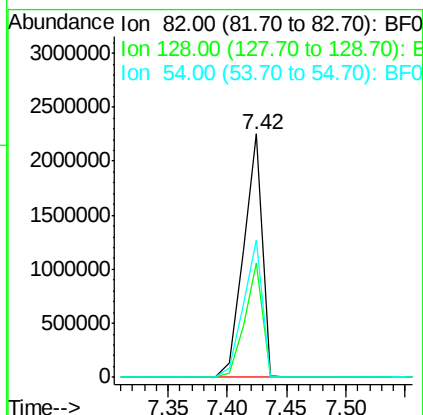
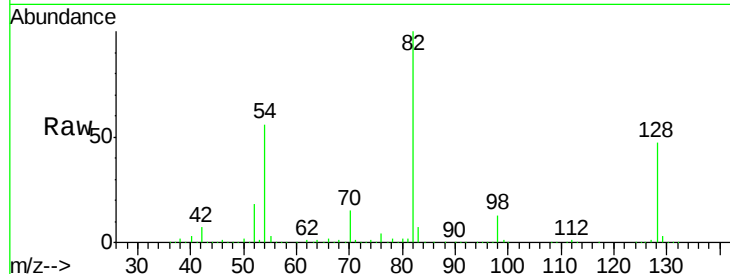




#23
 Nitrobenzene-d5
 Concen: 92.33 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084405.D
 Acq: 12 Jan 2016 3:41

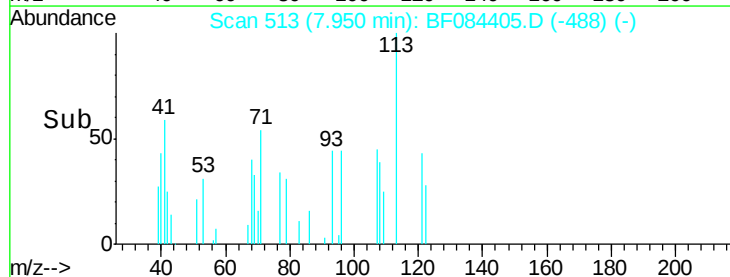
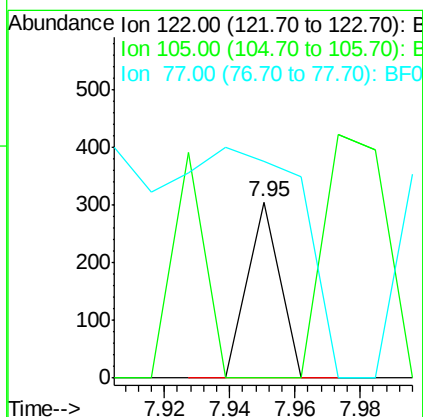
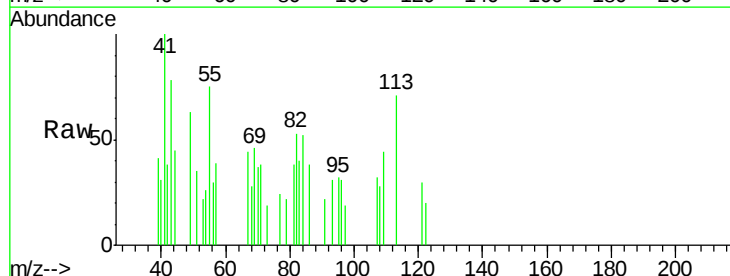
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

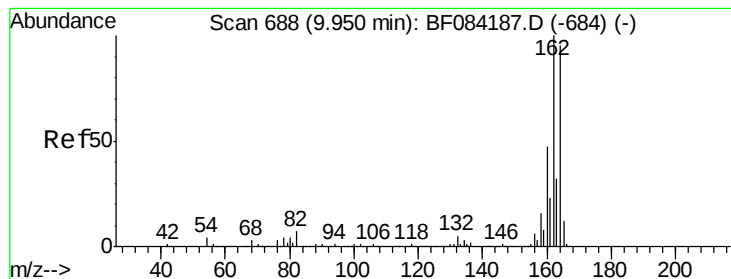
Tgt Ion: 82 Resp: 2461362
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.6 51.8
 54 56.5 38.4 57.6



#32
 Benzoic acid
 Concen: 6.26 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084405.D
 Acq: 12 Jan 2016 3:41

Tgt Ion: 122 Resp: 209
 Ion Ratio Lower Upper
 122 100
 105 0.0 100.3 140.3#
 77 123.0 63.5 103.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

Instrument :

BNA_F

ClientSampleId :

MW-02

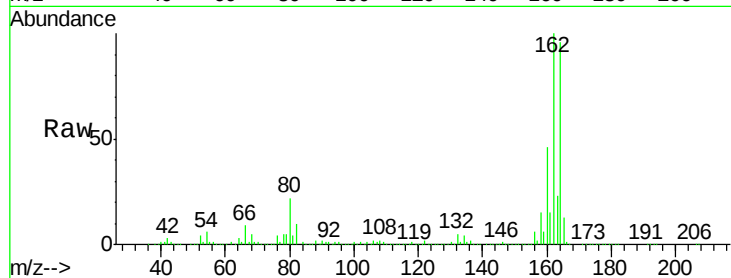
Tgt Ion:164 Resp: 658654

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

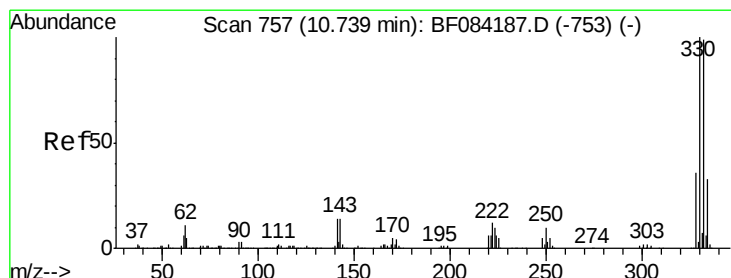
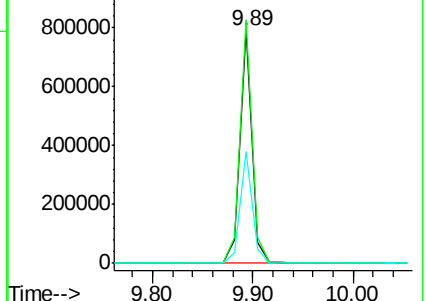
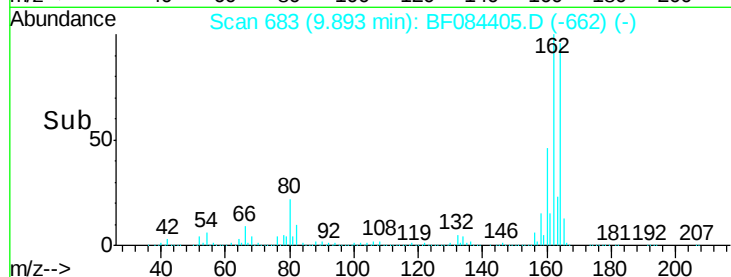
160 47.7 37.5 56.3



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: 128.88 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

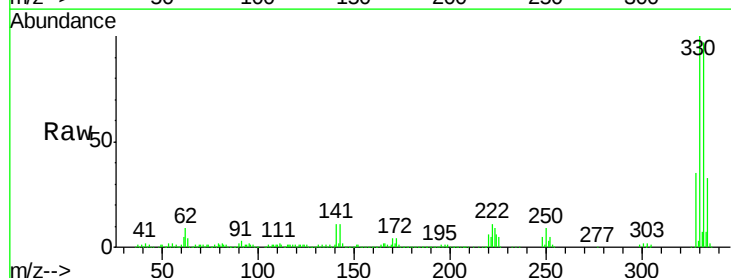
Tgt Ion:330 Resp: 857008

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

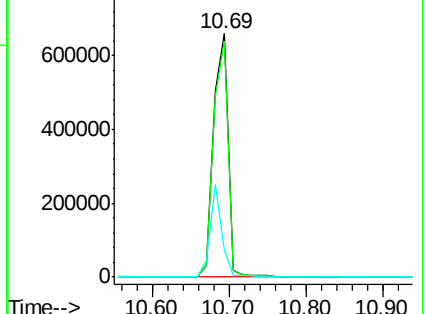
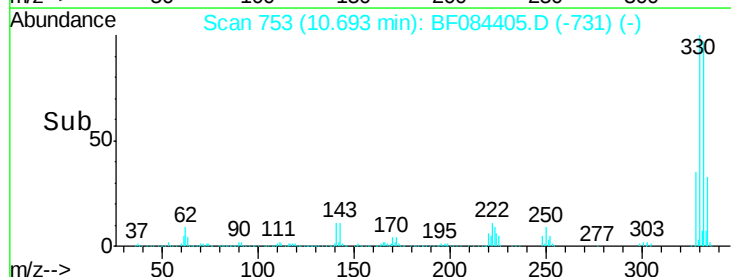
141 30.8 27.8 41.6

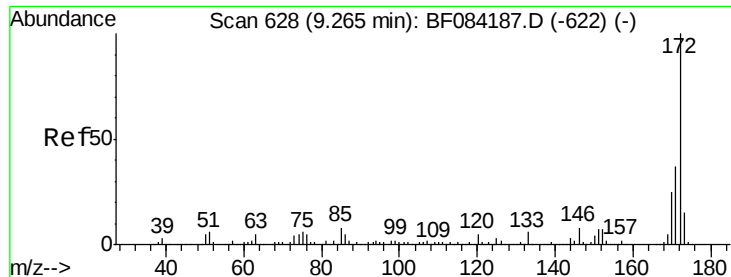


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

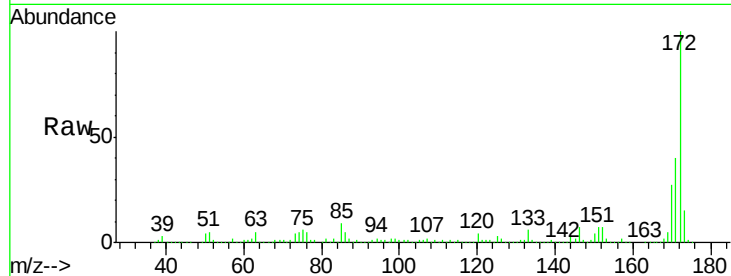




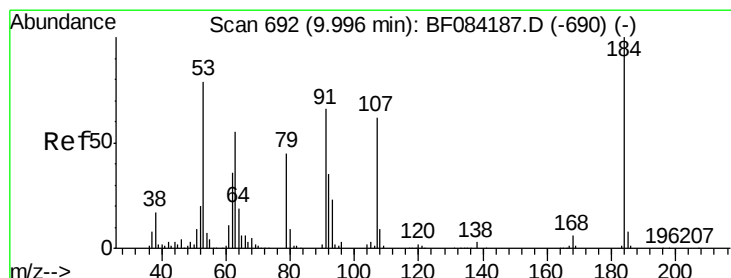
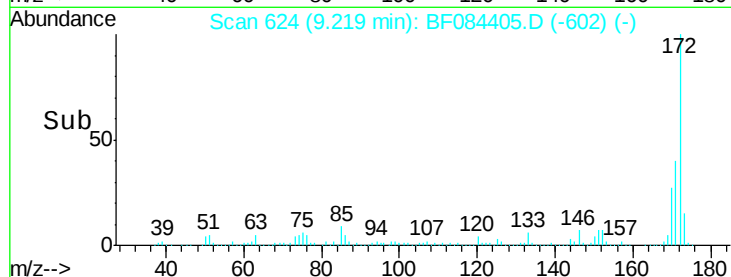
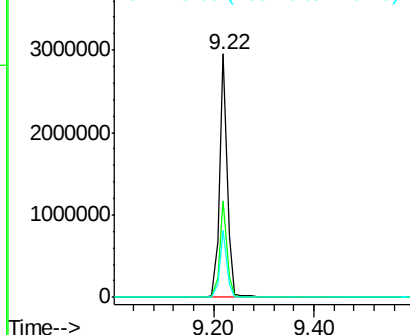
#44
 2-Fluorobiphenyl
 Concen: 83.14 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084405.D
 Acq: 12 Jan 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:172 Resp: 3118153
 Ion Ratio Lower Upper
 172 100
 171 39.8 28.9 43.3
 170 27.4 18.6 27.8

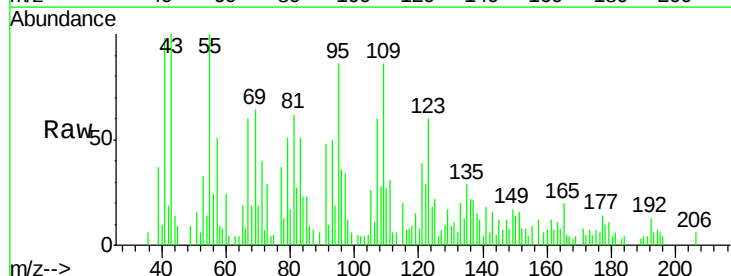


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

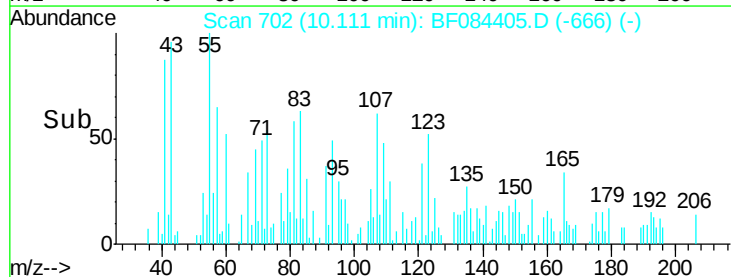
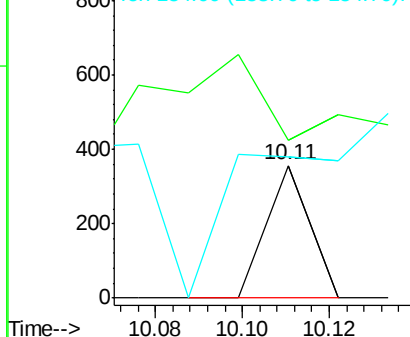


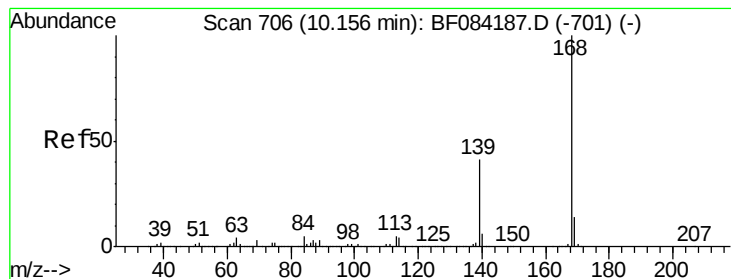
#53
 2,4-Dinitrophenol
 Concen: 3.61 ng
 RT: 10.11 min Scan# 702
 Delta R.T. 0.11 min
 Lab File: BF084405.D
 Acq: 12 Jan 2016 3:41

Tgt Ion:184 Resp: 245
 Ion Ratio Lower Upper
 184 100
 63 119.3 43.1 64.7#
 154 105.9 60.5 90.7#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: Below Cal

RT: 10.10 min Scan# 701

Delta R.T. -0.06 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

Instrument :

BNA_F

ClientSampled :

MW-02

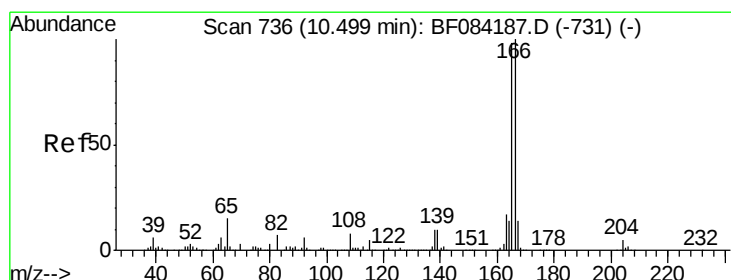
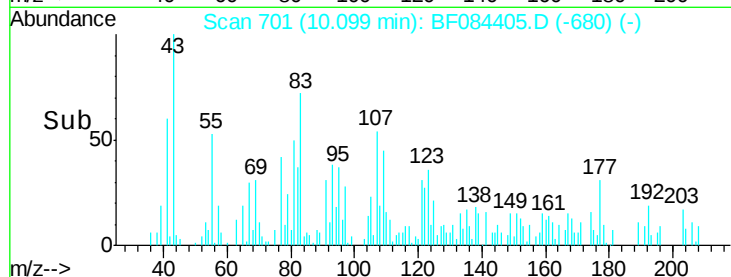
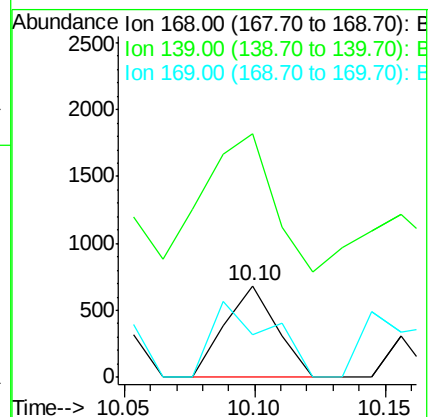
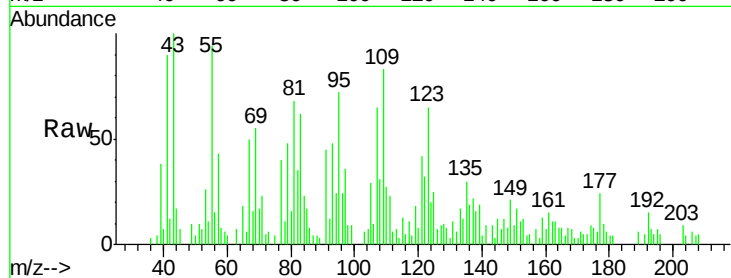
Tgt Ion:168 Resp: 944

Ion Ratio Lower Upper

168 100

139 265.5 30.5 45.7#

169 46.0 10.4 15.6#



#57

Fluorene

Concen: Below Cal

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

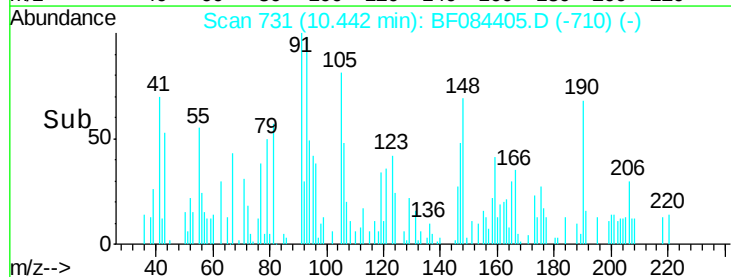
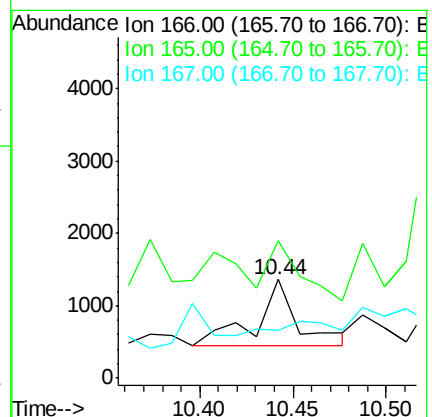
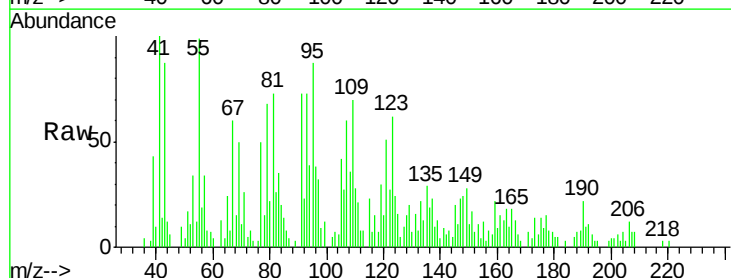
Tgt Ion:166 Resp: 1435

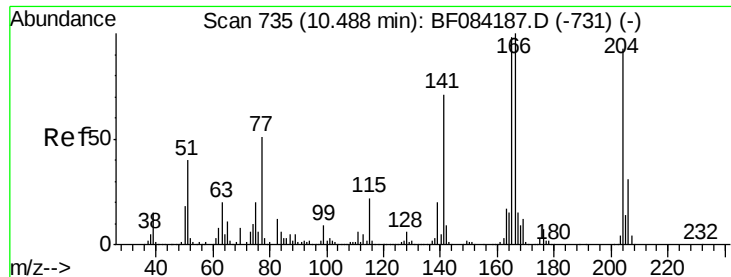
Ion Ratio Lower Upper

166 100

165 139.0 79.1 118.7#

167 48.9 10.4 15.6#

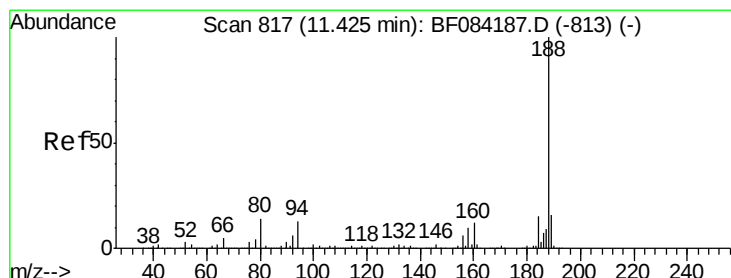
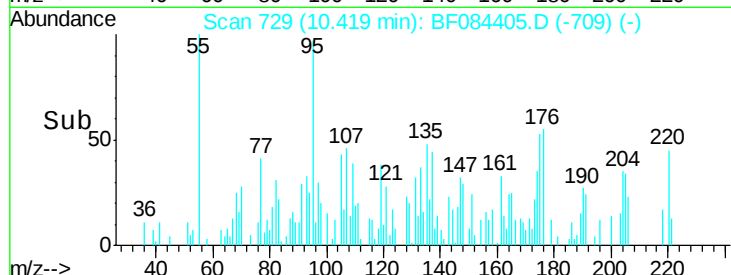
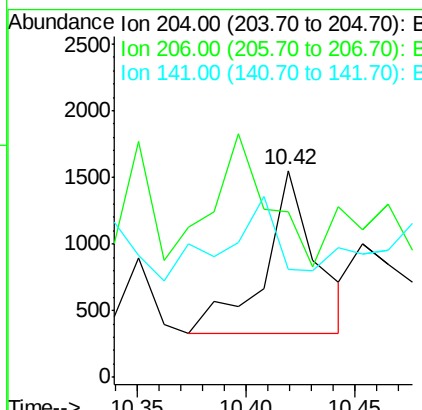
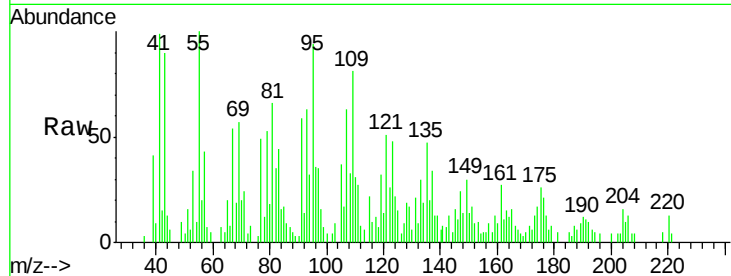




#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.42 min Scan# 729
Delta R.T. -0.07 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

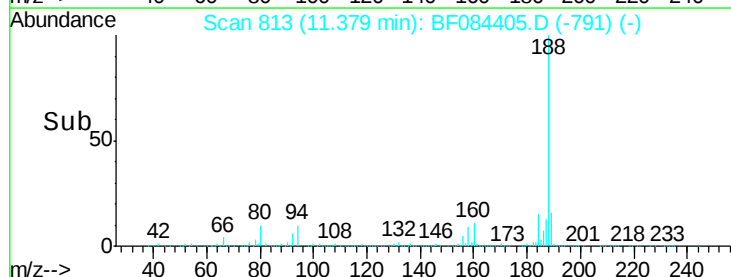
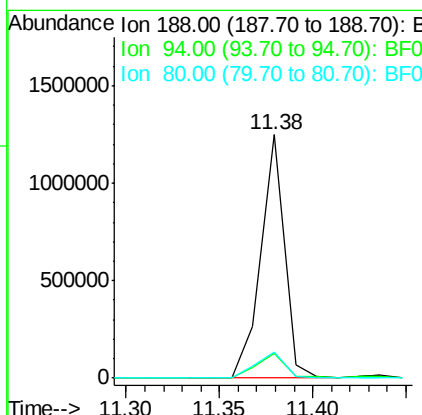
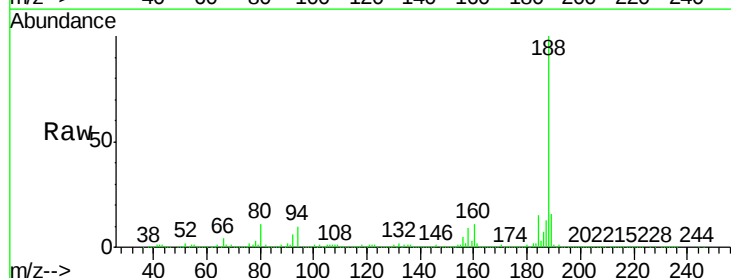
Instrument :
BNA_F
ClientSampled :
MW-02

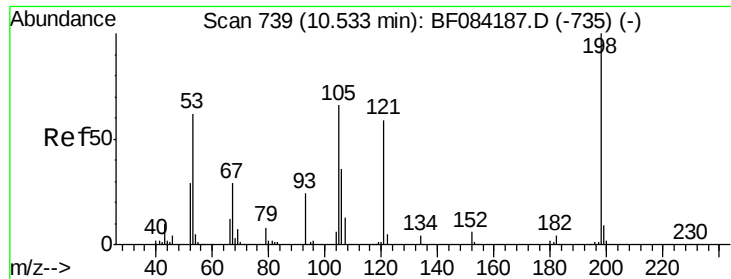
Tgt Ion: 204 Resp: 1991
Ion Ratio Lower Upper
204 100
206 79.9 25.7 38.5#
141 52.4 55.1 82.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

Tgt Ion: 188 Resp: 1091926
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 10.6 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.49 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

Instrument :

BNA_F

ClientSampleId :

MW-02

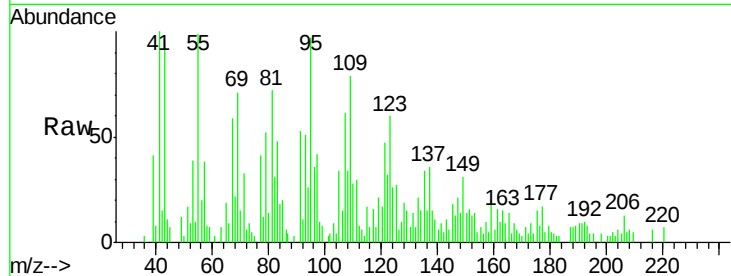
Tgt Ion:198 Resp: 573

Ion Ratio Lower Upper

198 100

51 382.9 18.9 58.9#

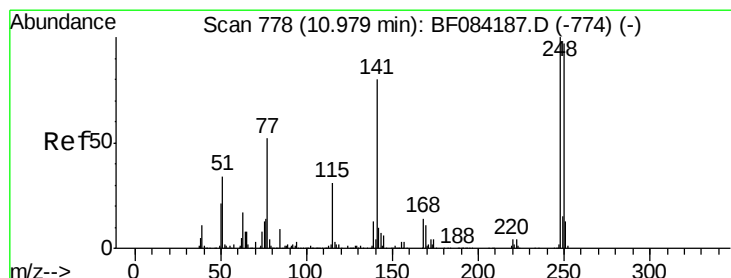
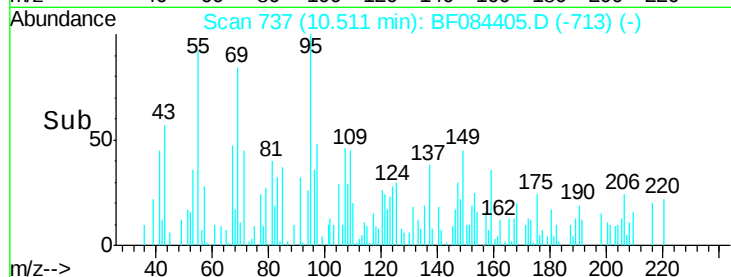
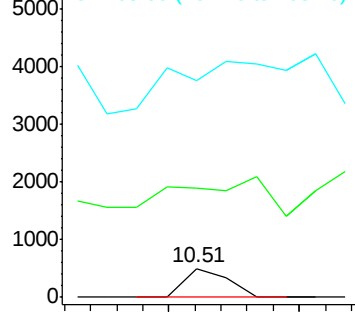
105 759.3 26.4 66.4#



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: 4.44 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

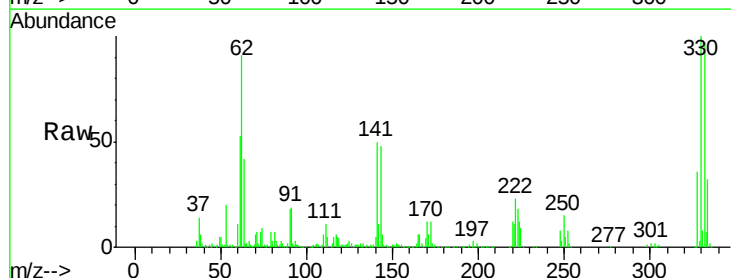
Tgt Ion:248 Resp: 52186

Ion Ratio Lower Upper

248 100

250 191.4 78.4 117.6#

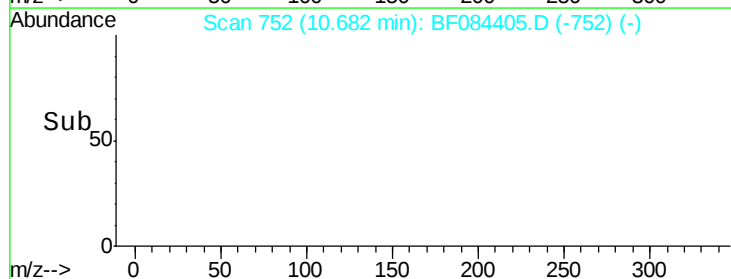
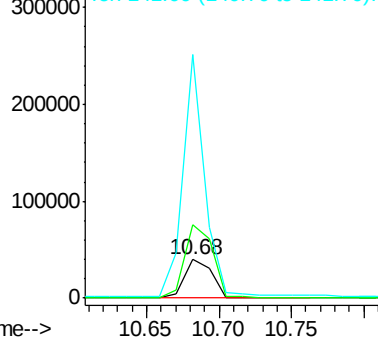
141 636.0 44.0 66.0#

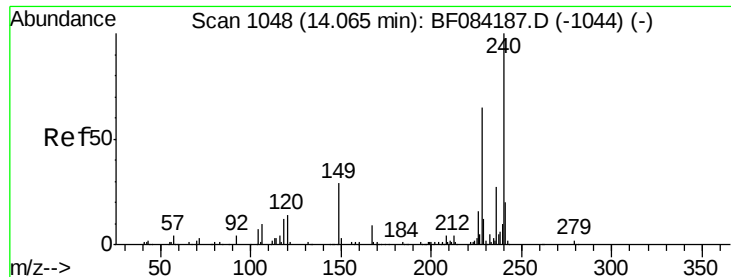


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

Instrument :

BNA_F

ClientSampleId :

MW-02

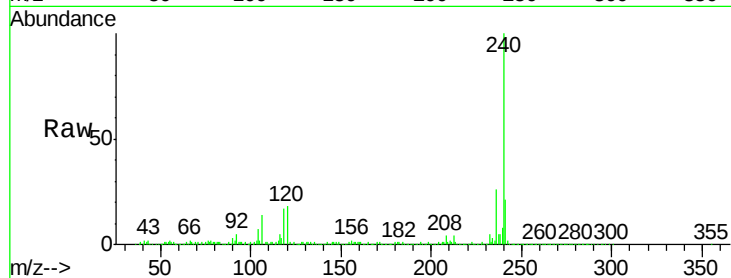
Tgt Ion:240 Resp: 700356

Ion Ratio Lower Upper

240 100

120 18.2 9.5 14.3#

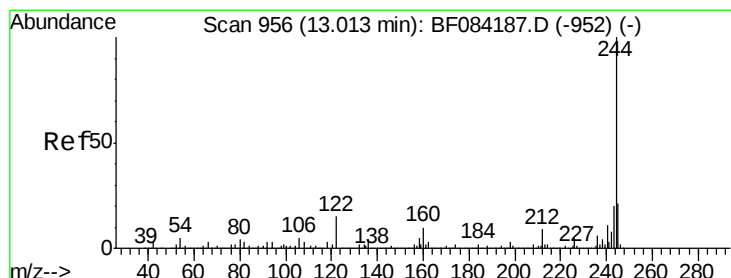
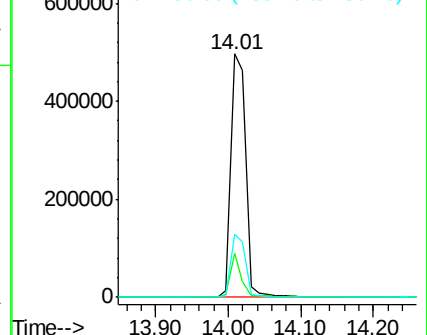
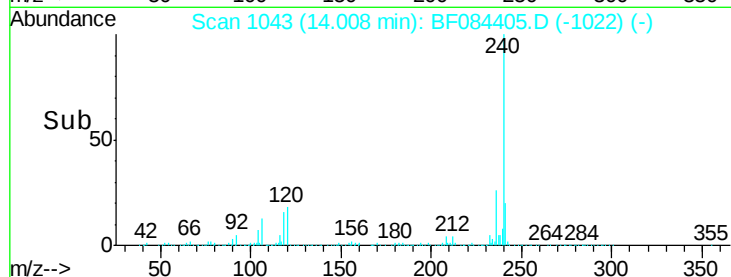
236 25.7 20.6 31.0



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: 75.38 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084405.D

Acq: 12 Jan 2016 3:41

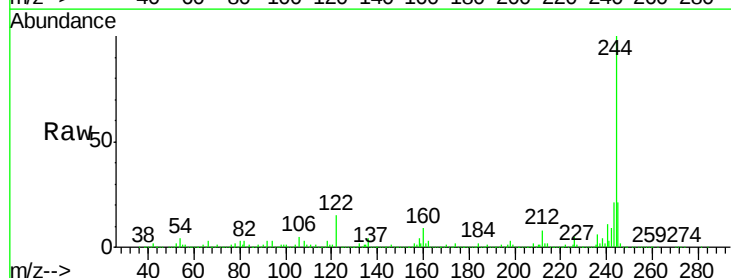
Tgt Ion:244 Resp: 2365003

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

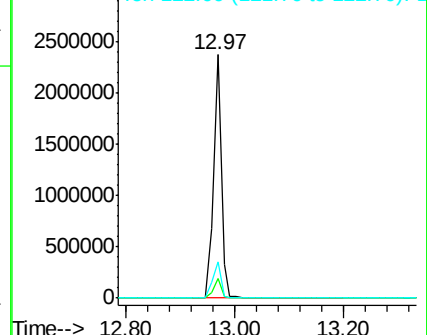
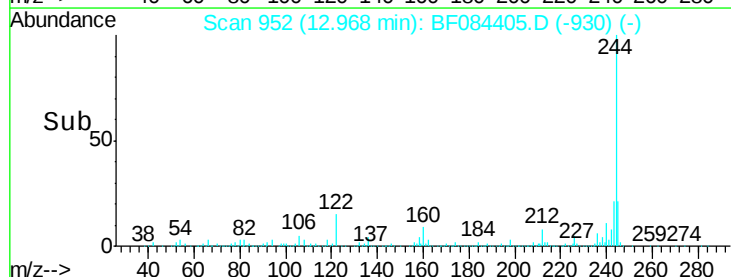
122 14.9 7.4 11.0#

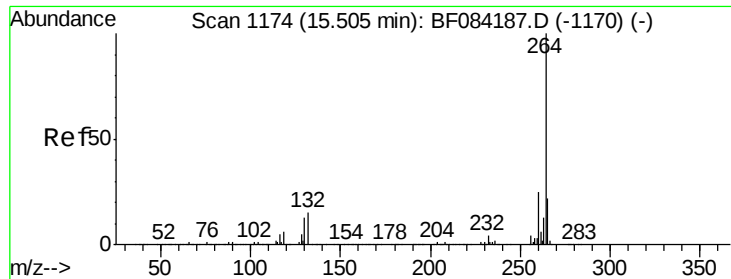


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

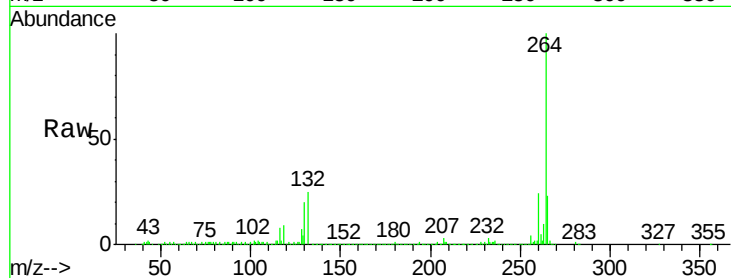




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084405.D
Acq: 12 Jan 2016 3:41

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 264 Resp: 622406
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 22.8 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

