

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084233.D
 Acq On : 4 Jan 2016 12:36
 Operator : UM/SJ
 Sample : G4982-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

Quant Time: Jan 05 05:45:39 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	6.89	152	361857	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1381282	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	635570	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1059627	20.00	ng	0.00
75) Chrysene-d12	14.05	240	645246	20.00	ng	-0.01
86) Perylene-d12	15.49	264	646368	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1374464	61.44	ng	0.00
7) Phenol-d6	6.52	99	1056032	37.58	ng	-0.01
23) Nitrobenzene-d5	7.46	82	2250117	90.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	760199	118.47	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	3432456	95.81	ng	0.00
78) Terphenyl-d14	13.01	244	2415583	83.57	ng	0.00

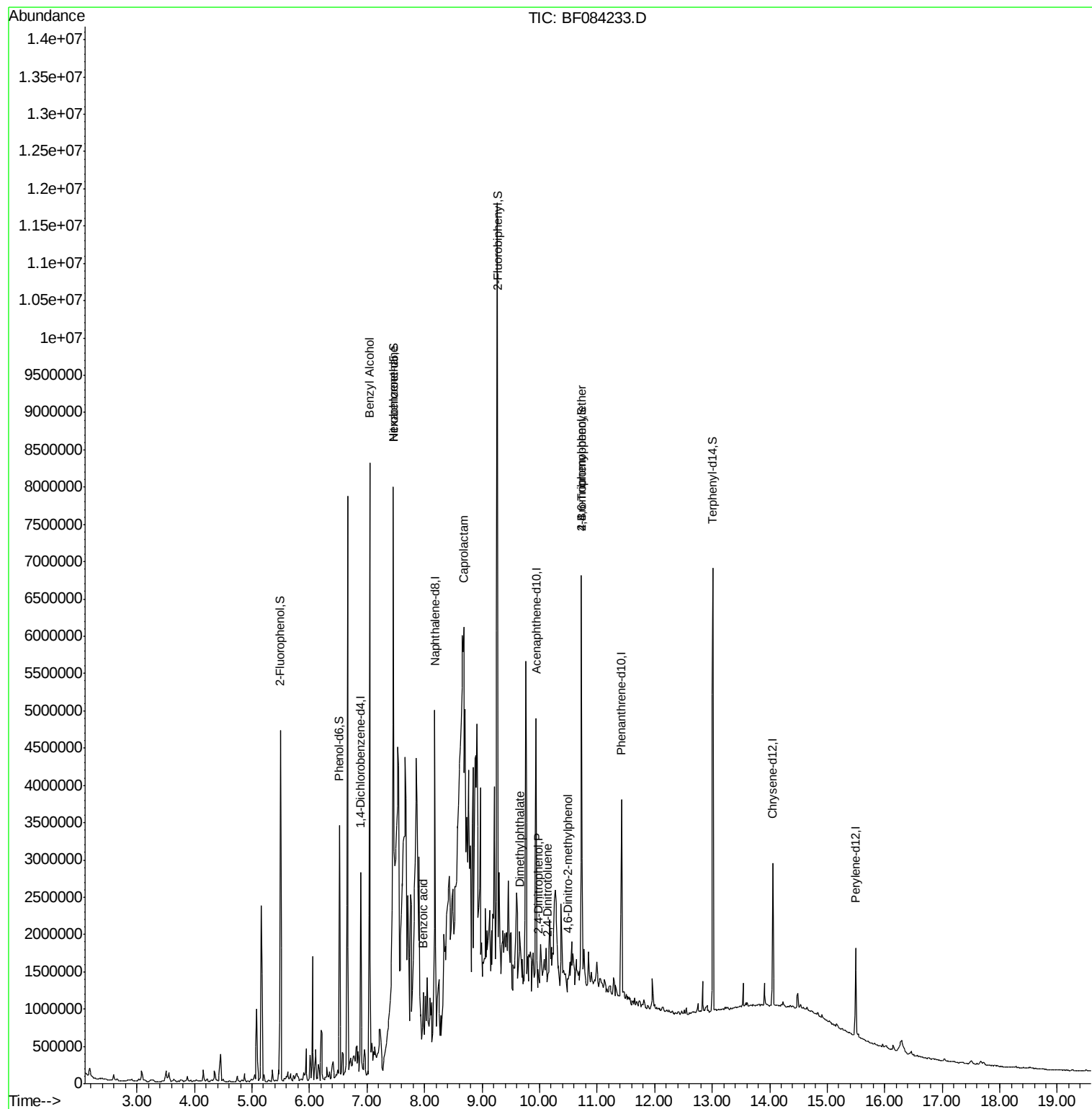
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.05	79	48902	2.07	ng	# 46
18) Hexachloroethane	7.46	117	136489	13.00	ng	# 6
32) Benzoic acid	7.97	122	100363	12.10	ng	# 21
35) Caprolactam	8.68	113	333974	51.29	ng	# 1
49) Dimethylphthalate	9.65	163	164646	3.62	ng	# 89
53) 2,4-Dinitrophenol	9.98	184	3200	4.28	ng	# 1
54) Dibenzofuran	10.28	168	66280	Below Cal		# 97
56) 2,4-Dinitrotoluene	10.13	165	31925	2.53	ng	# 39
57) Fluorene	10.48	166	3077	Below Cal		# 37
60) 4-Chlorophenyl-phenylether	10.46	204	891	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	651	6.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	46965	4.12	ng	# 1
73) Di-n-butylphthalate	11.98	149	12336	Below Cal		# 28

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

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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Instrument :

BNA_F

ClientSampleId :

S8-0535

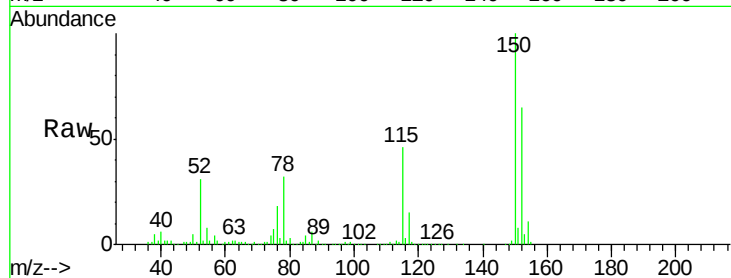
Tgt Ion:152 Resp: 361857

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

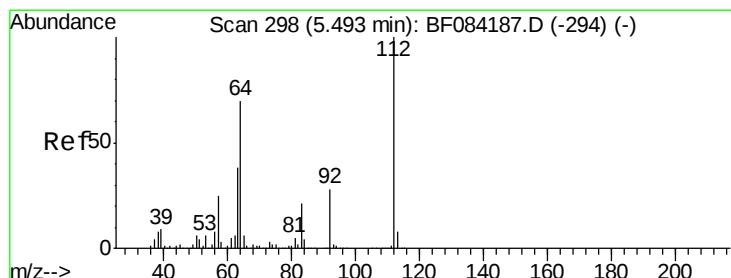
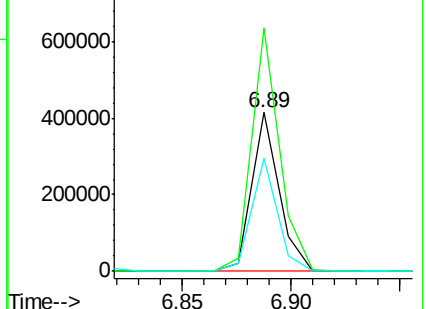
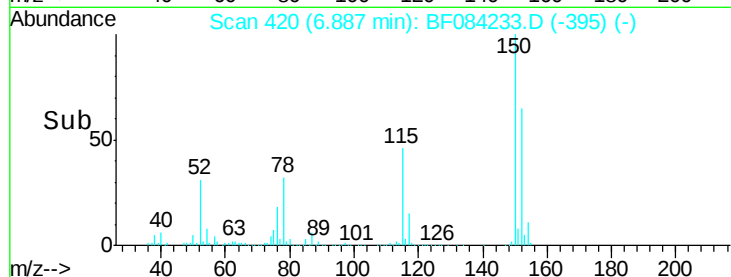
115 71.0 51.4 77.2



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: 61.44 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

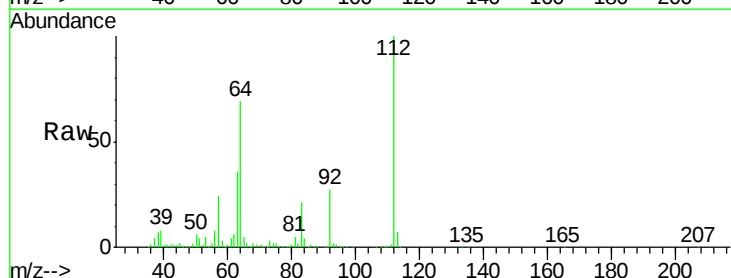
Tgt Ion:112 Resp: 1374464

Ion Ratio Lower Upper

112 100

64 68.7 36.6 55.0#

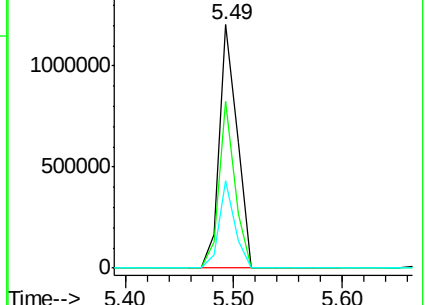
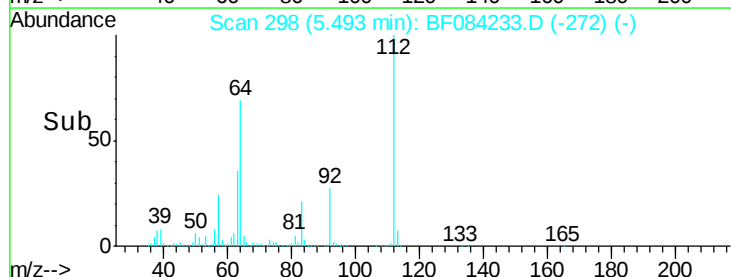
63 35.9 19.4 29.0#

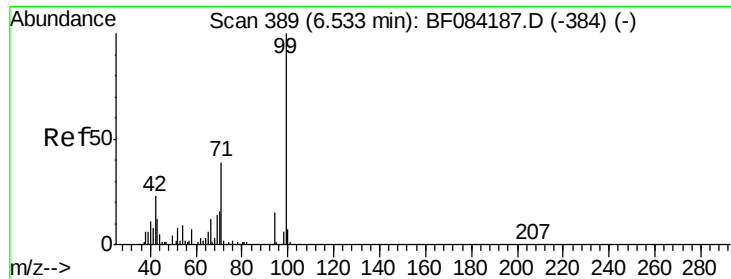


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.58 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Instrument :

BNA_F

ClientSampleId :

S8-0535

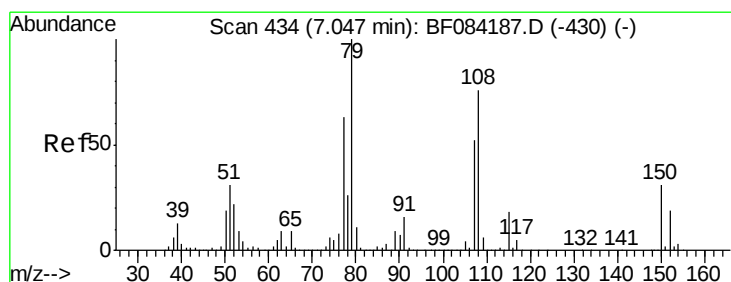
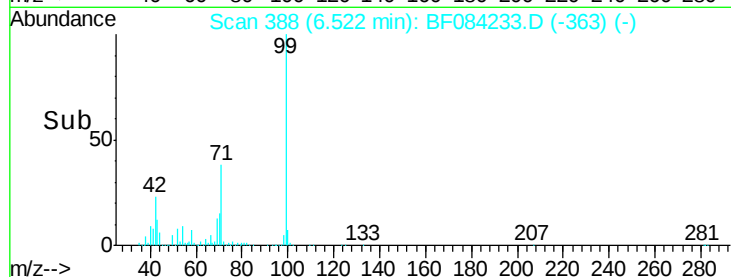
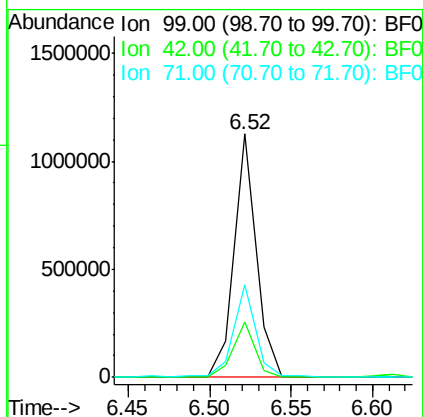
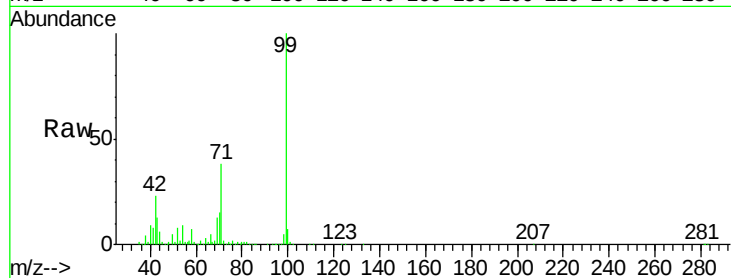
Tgt Ion: 99 Resp: 1056032

Ion Ratio Lower Upper

99 100

42 22.6 12.8 19.2#

71 37.9 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

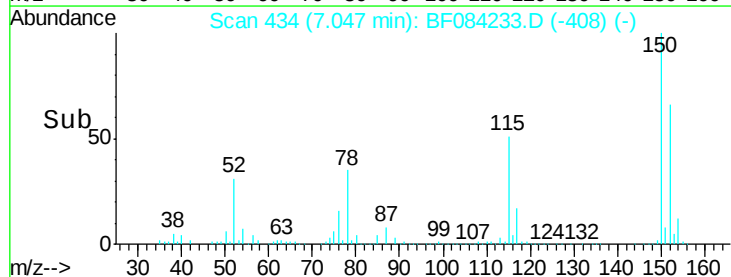
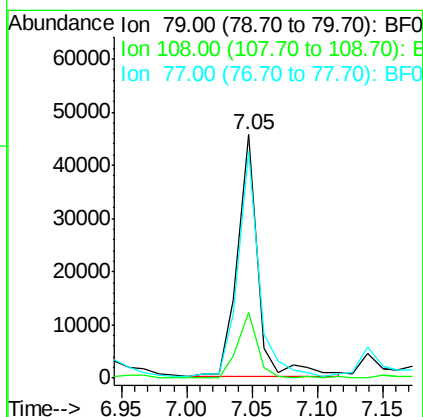
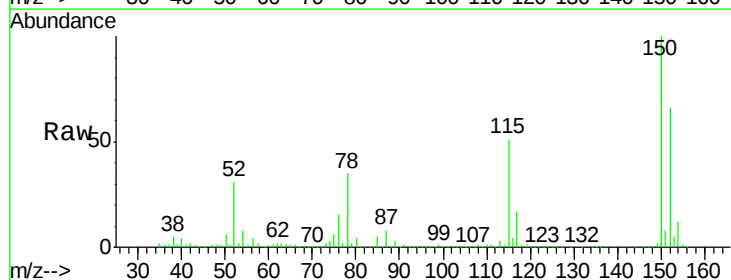
Tgt Ion: 79 Resp: 48902

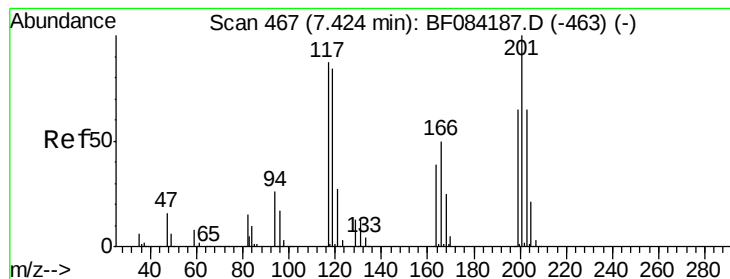
Ion Ratio Lower Upper

79 100

108 27.2 69.0 103.4#

77 93.3 50.0 75.0#





#18

Hexachloroethane

Concen: 13.00 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.03 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Instrument :

BNA_F

ClientSampleId :

S8-0535

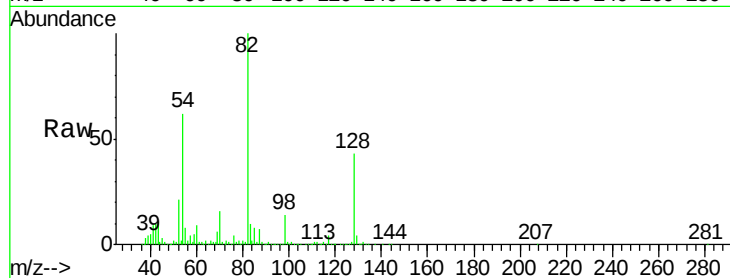
Tgt Ion:117 Resp: 136489

Ion Ratio Lower Upper

117 100

119 4.1 77.4 116.0#

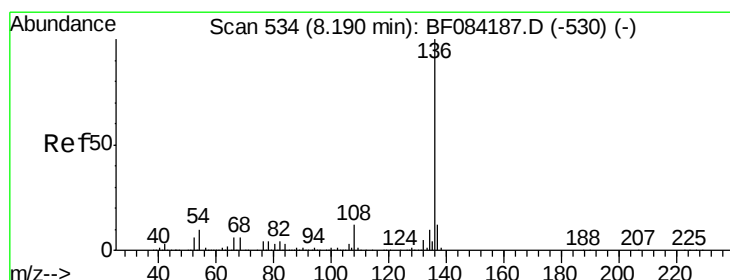
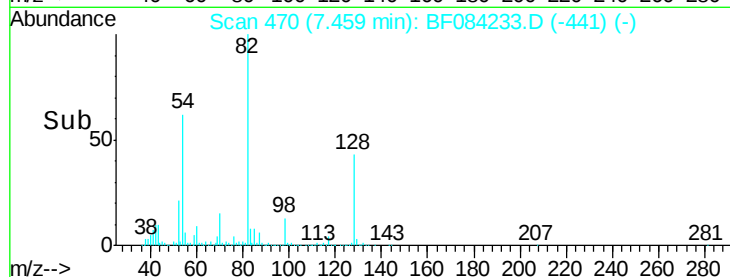
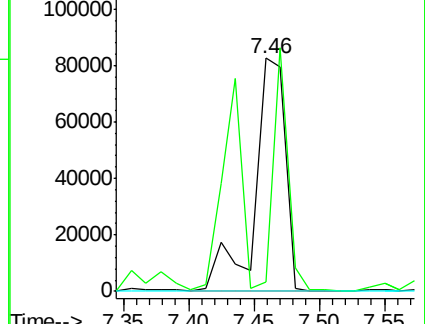
201 0.0 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Tgt Ion:136 Resp: 1381282

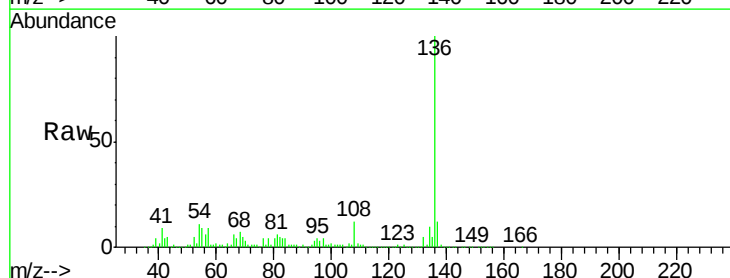
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 10.7 5.8 8.8#

68 6.8 4.2 6.2#

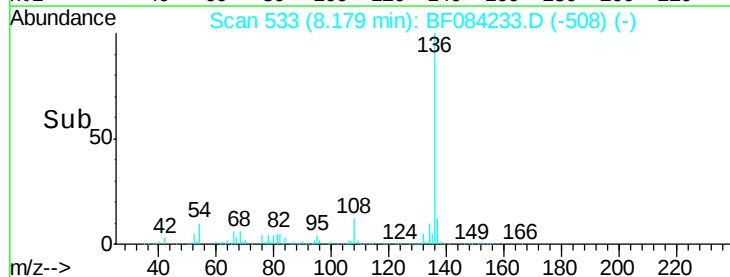
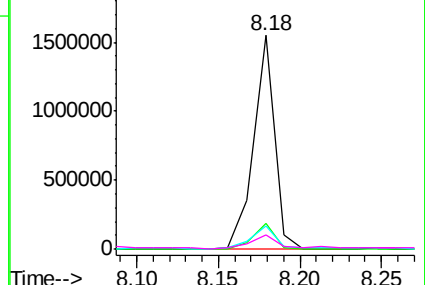


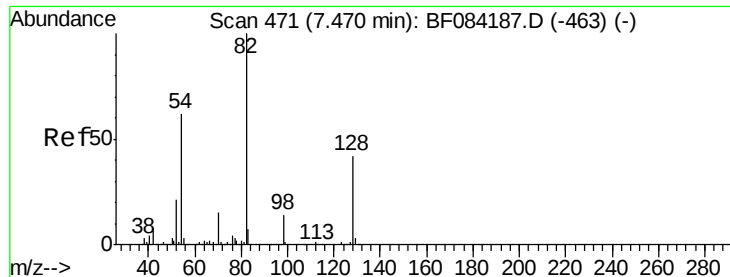
Abundance Ion 136.00 (135.70 to 136.70): E

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

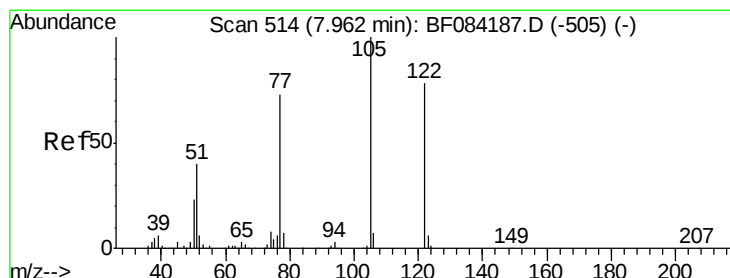
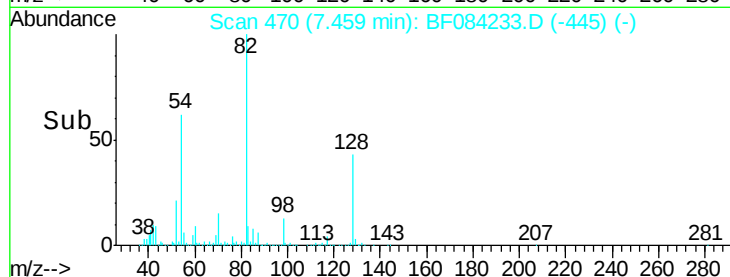
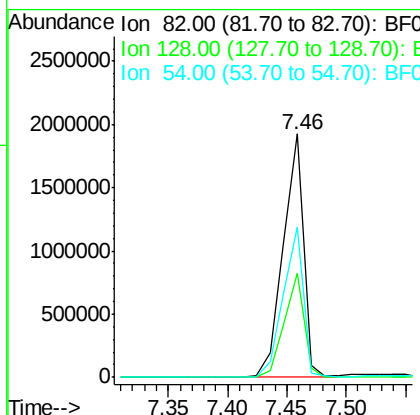
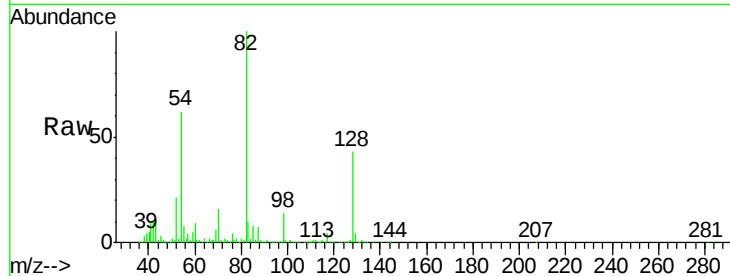




#23
 Nitrobenzene-d5
 Concen: 90.66 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

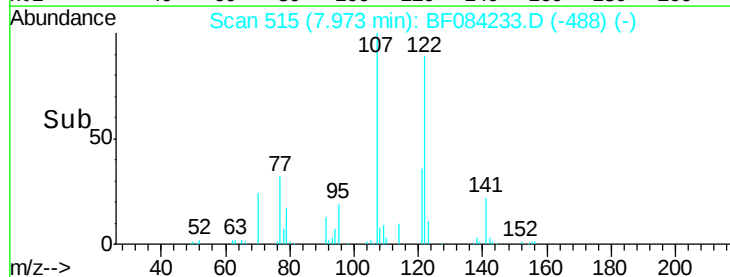
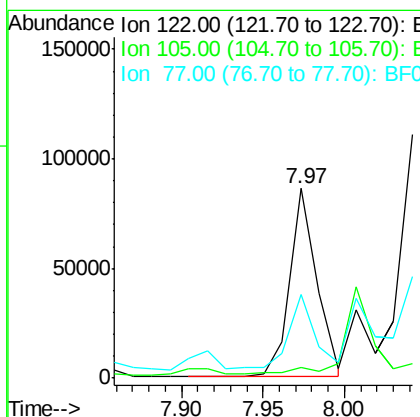
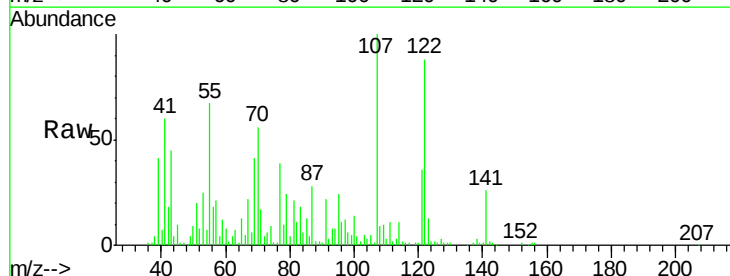
Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

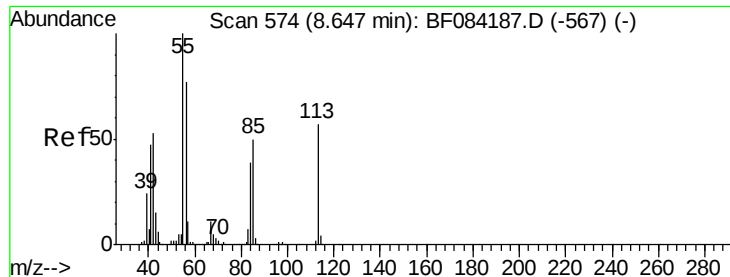
Tgt Ion: 82 Resp: 2250117
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 51.8
 54 61.7 38.4 57.6#



#32
 Benzoic acid
 Concen: 12.10 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Tgt Ion: 122 Resp: 100363
 Ion Ratio Lower Upper
 122 100
 105 5.4 100.3 140.3#
 77 44.2 63.5 103.5#





#35

Caprolactam

Concen: 51.29 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.03 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Instrument :

BNA_F

ClientSampleId :

S8-0535

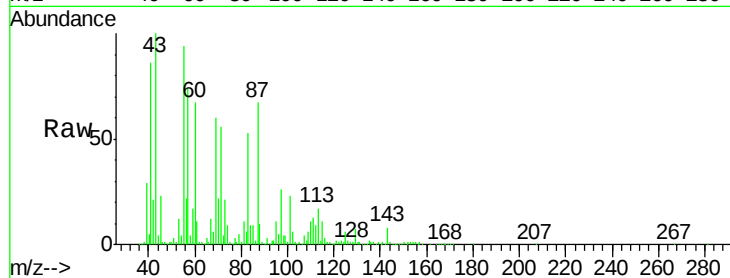
Tgt Ion:113 Resp: 333974

Ion Ratio Lower Upper

113 100

55 562.6 116.9 156.9#

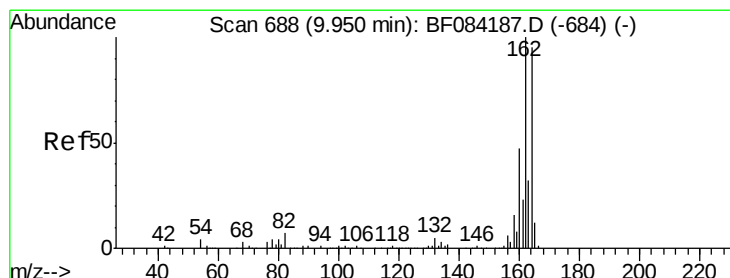
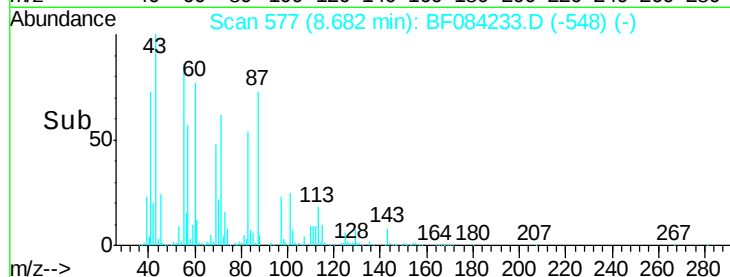
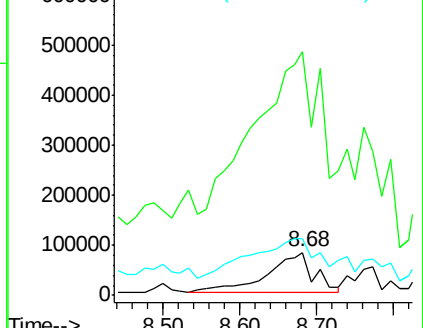
56 130.1 93.8 133.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

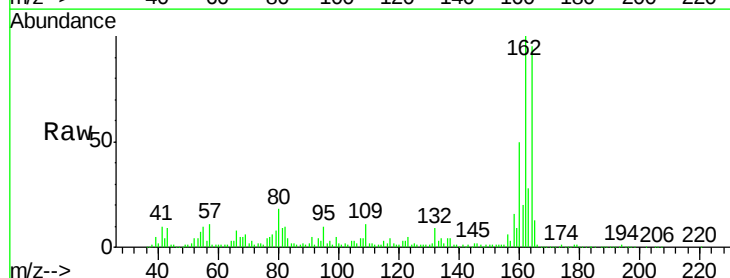
Tgt Ion:164 Resp: 635570

Ion Ratio Lower Upper

164 100

162 104.9 85.1 127.7

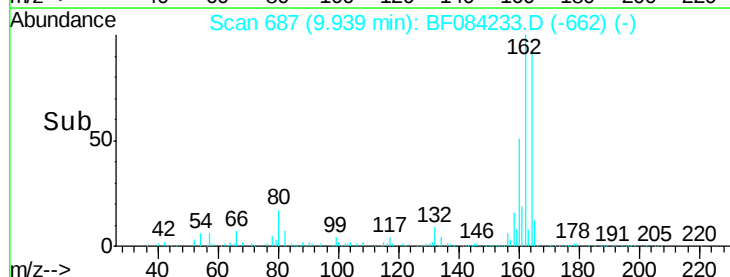
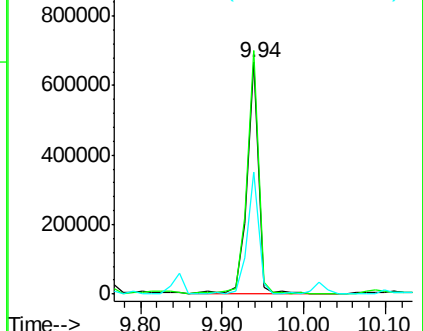
160 52.8 37.5 56.3

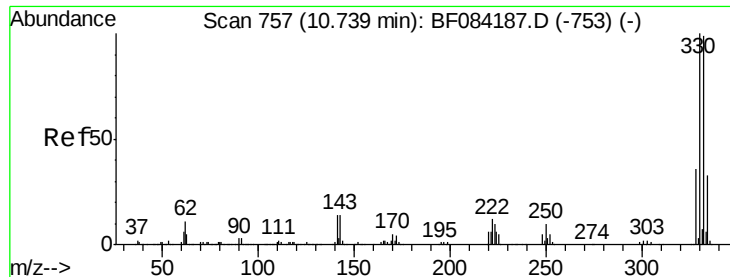


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

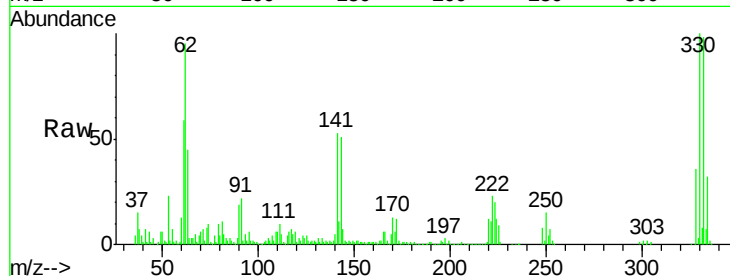




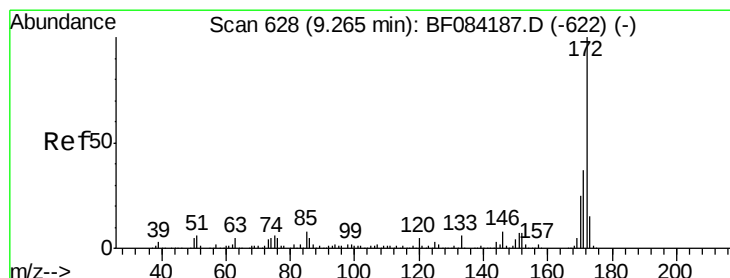
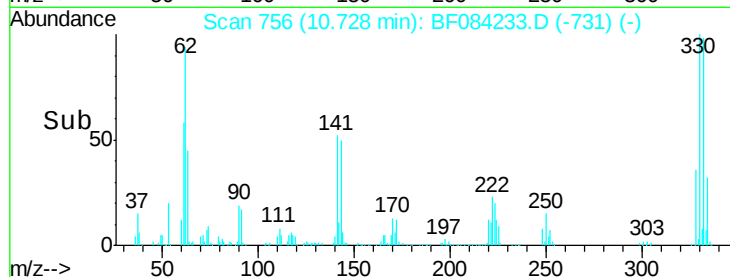
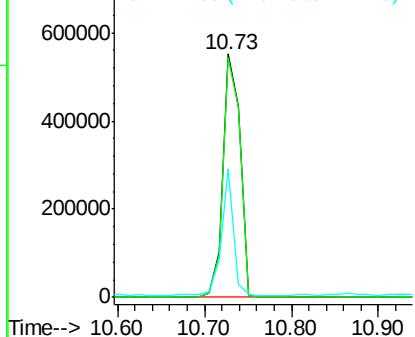
#41
 2,4,6-Tribromophenol
 Concen: 118.47 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

Tgt Ion:330 Resp: 760199
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 36.7 27.8 41.6

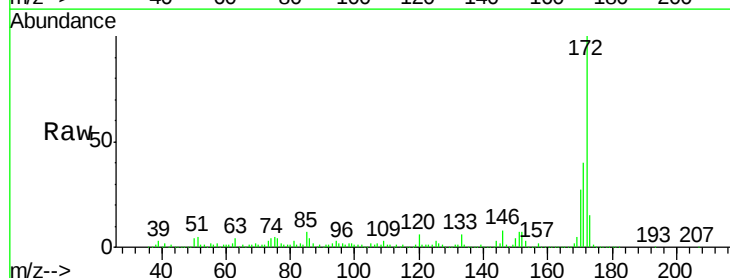


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

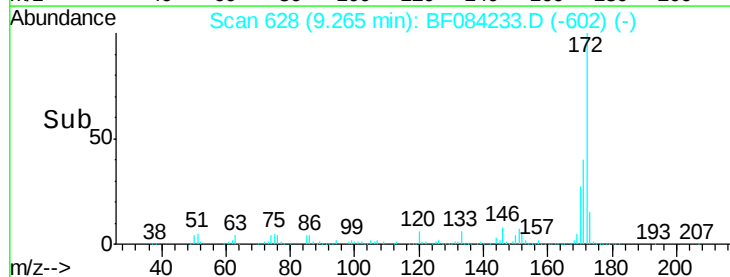
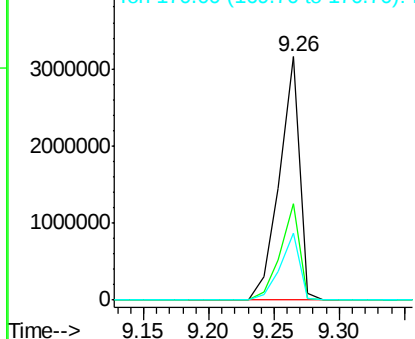


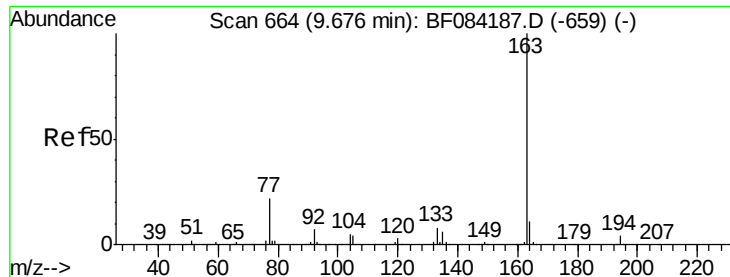
#44
 2-Fluorobiphenyl
 Concen: 95.81 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Tgt Ion:172 Resp: 3432456
 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

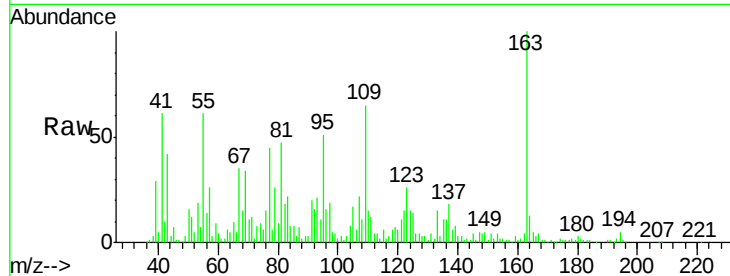




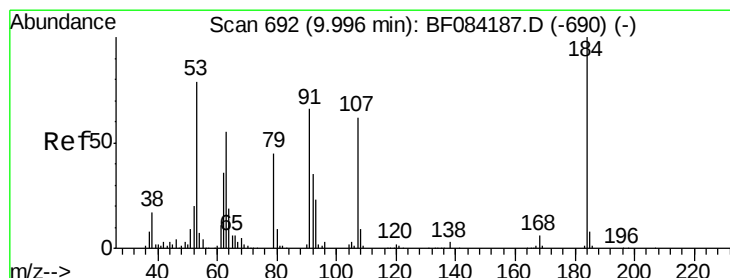
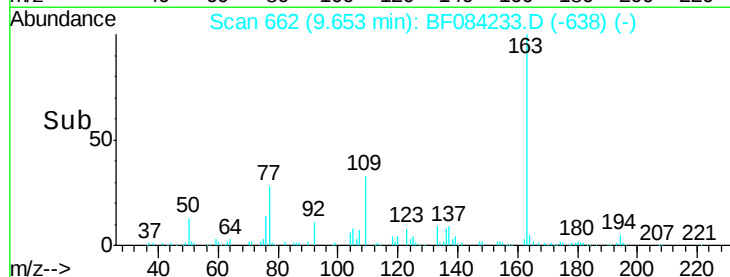
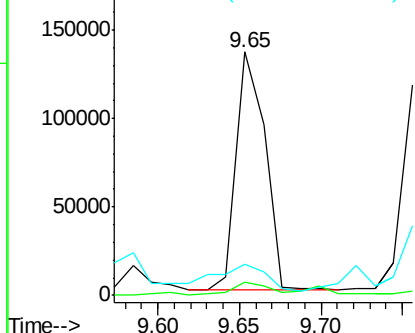
#49
Dimethylphthalate
Concen: 3.62 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

Instrument :
BNA_F
ClientSampleId :
S8-0535

Tgt Ion:163 Resp: 164646
Ion Ratio Lower Upper
163 100
194 5.2 8.0 12.0#
164 13.0 8.0 12.0#

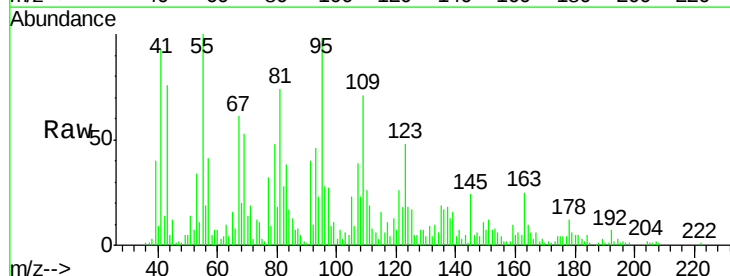


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

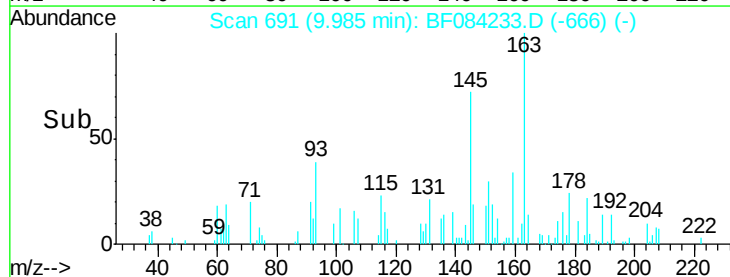
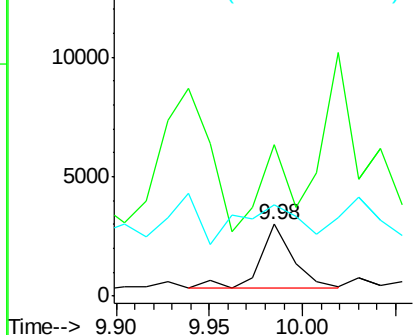


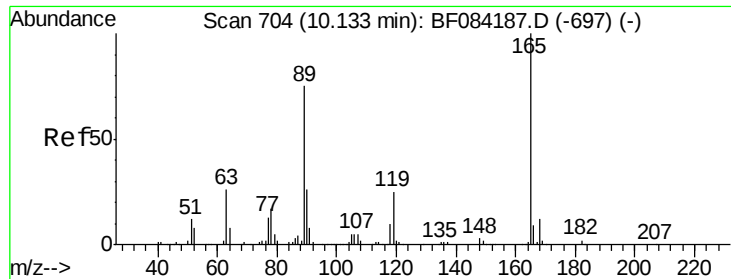
#53
2,4-Dinitrophenol
Concen: 4.28 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

Tgt Ion:184 Resp: 3200
Ion Ratio Lower Upper
184 100
63 210.6 43.1 64.7#
154 127.1 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

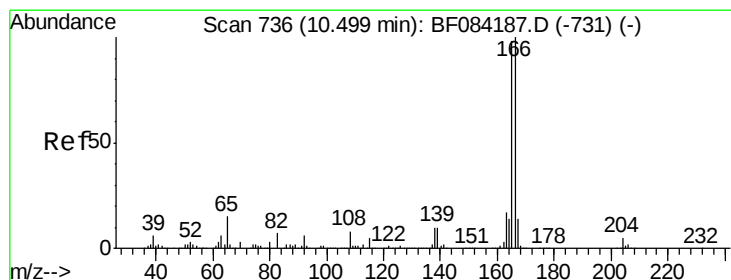
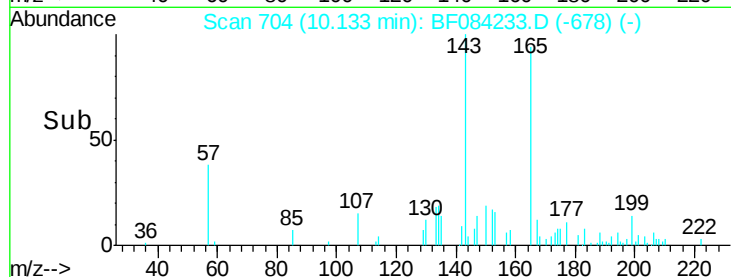
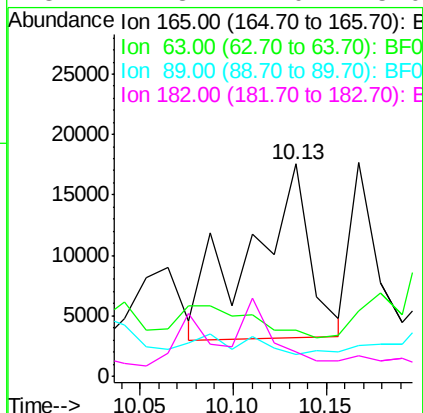
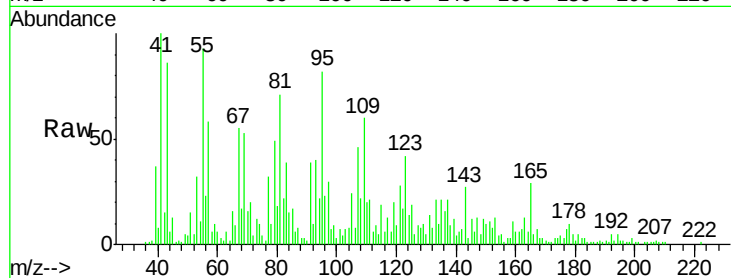




#56
2,4-Dinitrotoluene
Concen: 2.53 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

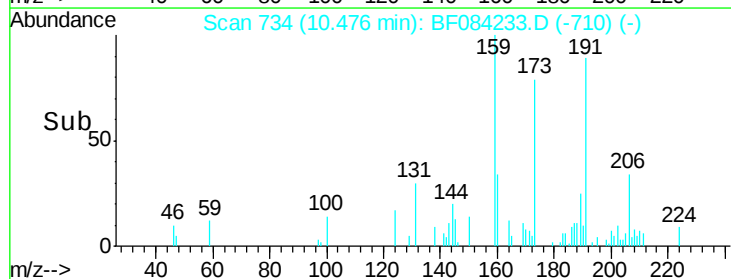
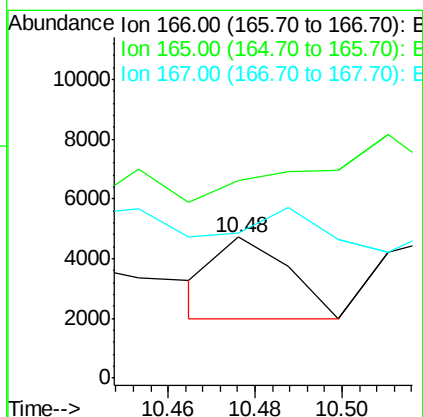
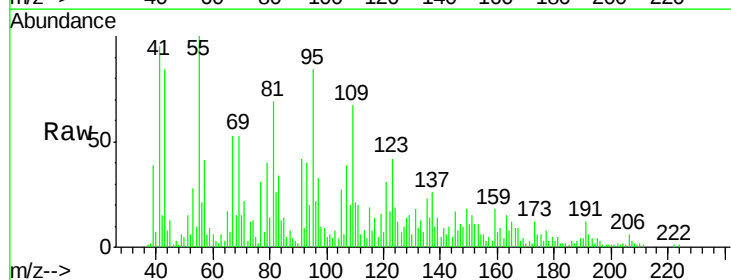
Instrument :
BNA_F
ClientSampleId :
S8-0535

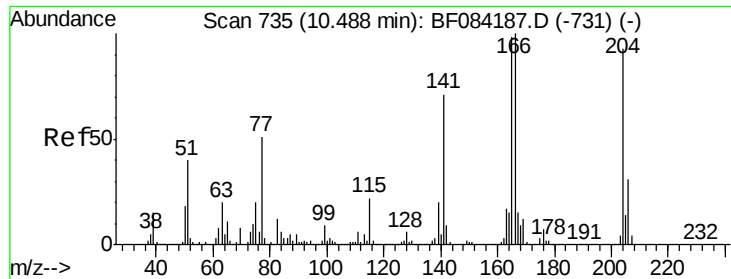
Tgt Ion:165 Resp: 31925
Ion Ratio Lower Upper
165 100
63 21.7 36.7 55.1#
89 10.4 61.9 92.9#
182 11.3 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

Tgt Ion:166 Resp: 3077
Ion Ratio Lower Upper
166 100
165 140.3 79.1 118.7#
167 102.7 10.4 15.6#

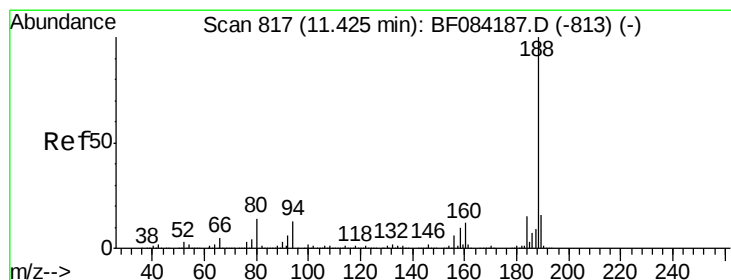
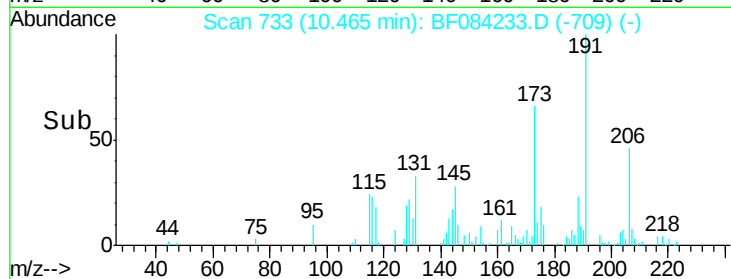
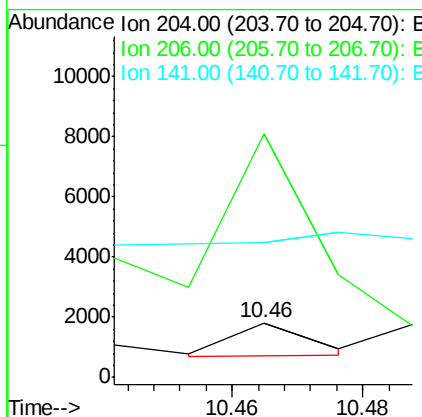
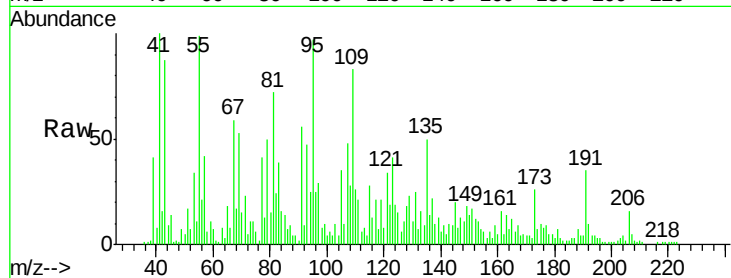




#60
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.46 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

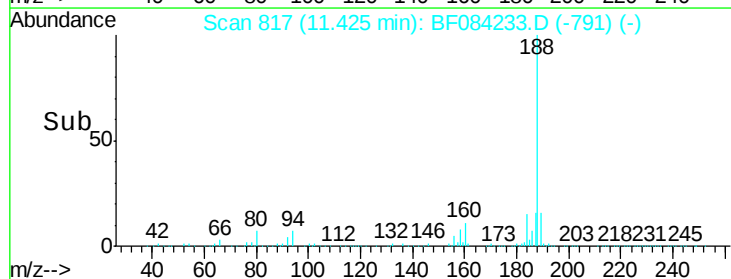
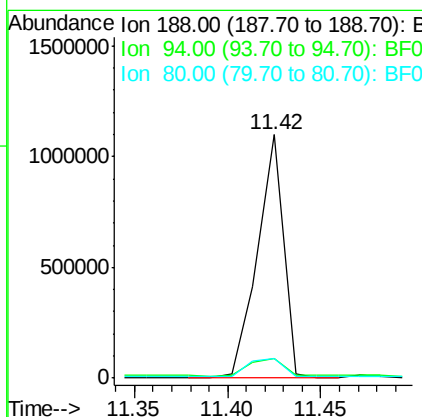
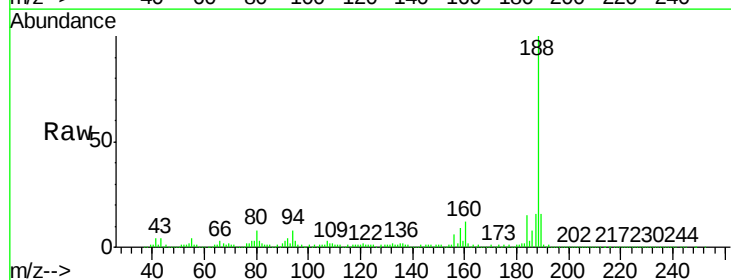
Instrument :
 BNA_F
 ClientSampled :
 S8-0535

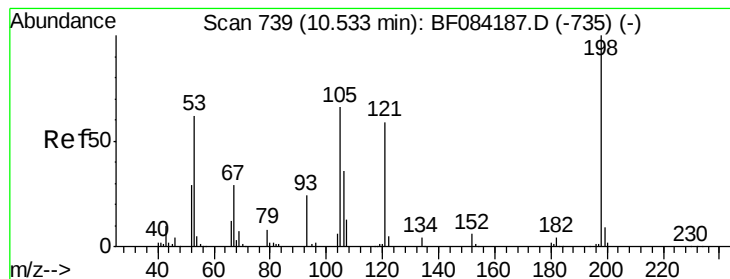
Tgt Ion:204 Resp: 891
 Ion Ratio Lower Upper
 204 100
 206 449.1 25.7 38.5#
 141 247.8 55.1 82.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Tgt Ion:188 Resp: 1059627
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.0 13.4#
 80 8.3 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.50 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Instrument :

BNA_F

ClientSampleId :

S8-0535

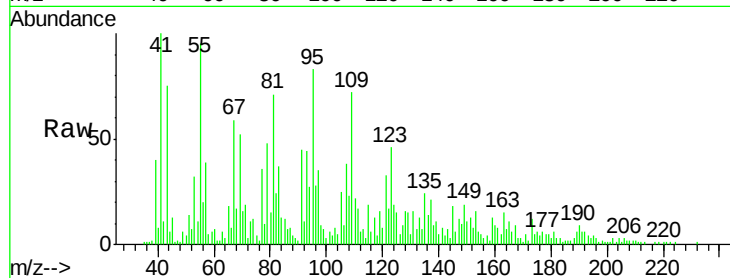
Tgt Ion:198 Resp: 651

Ion Ratio Lower Upper

198 100

51 922.9 18.9 58.9#

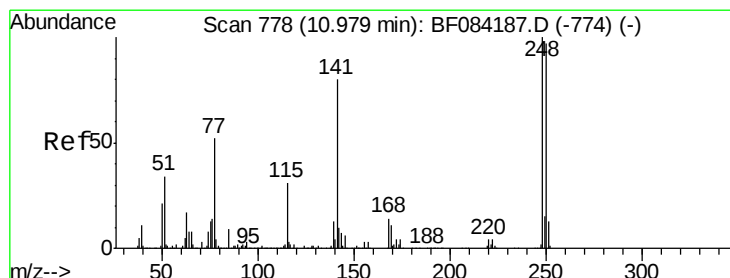
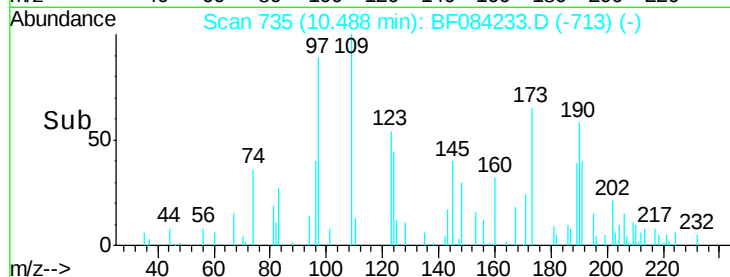
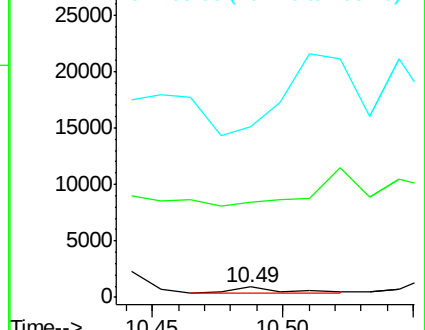
105 1643.9 26.4 66.4#



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: 4.12 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

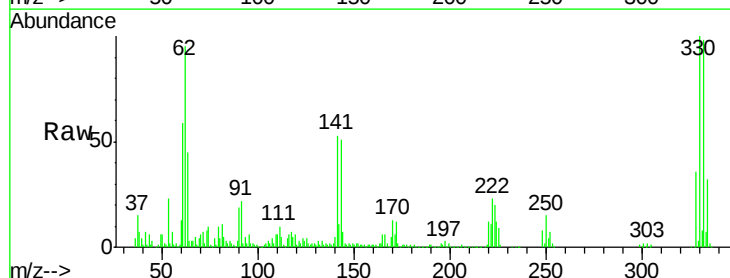
Tgt Ion:248 Resp: 46965

Ion Ratio Lower Upper

248 100

250 188.7 78.4 117.6#

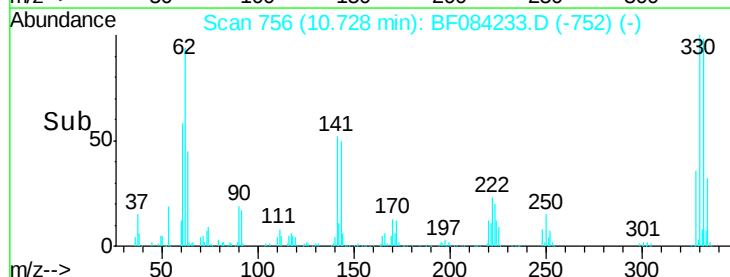
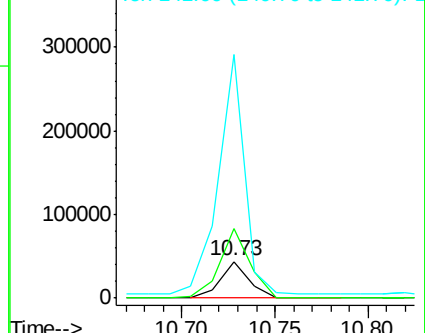
141 664.7 44.0 66.0#

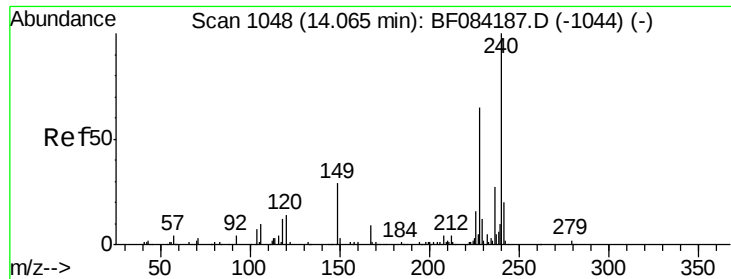


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

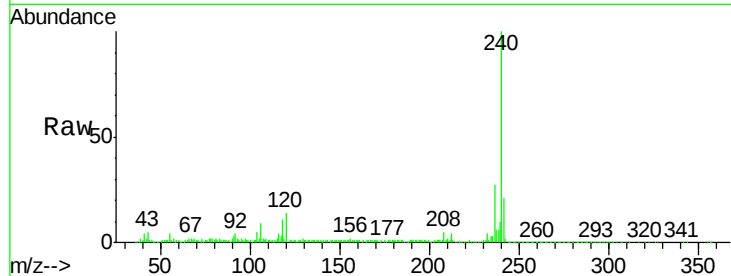




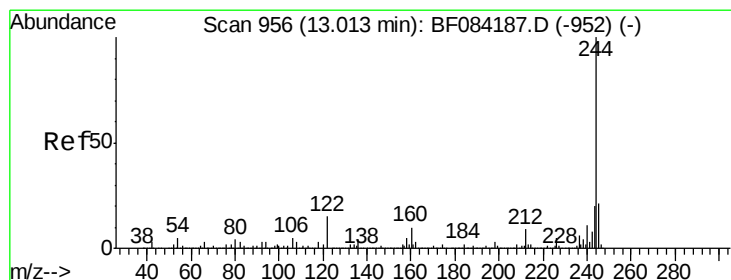
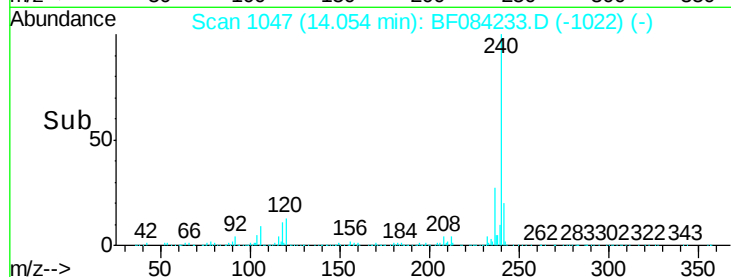
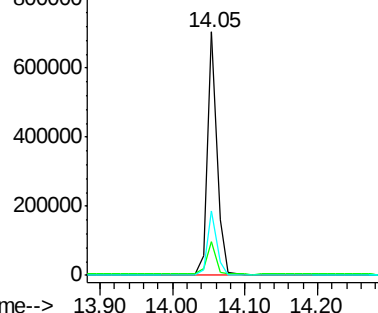
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

Instrument :
BNA_F
ClientSampleId :
S8-0535

Tgt Ion:240 Resp: 645246
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 26.7 20.6 31.0

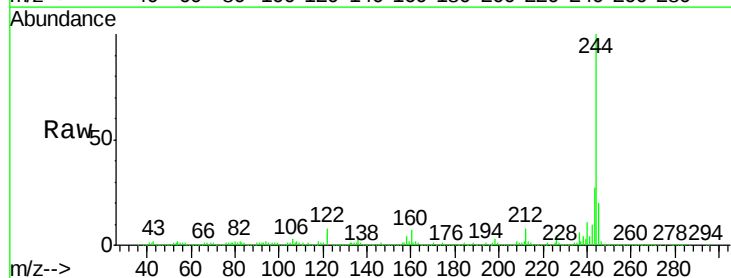


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

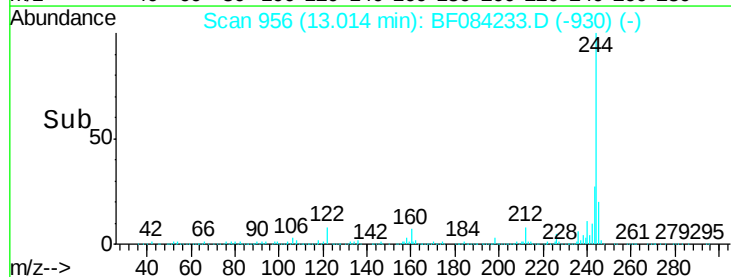
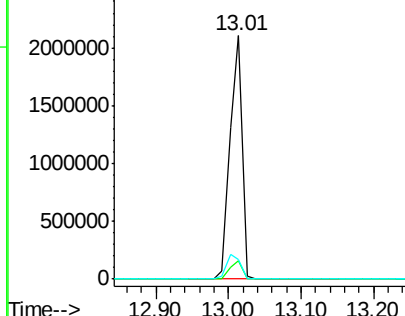


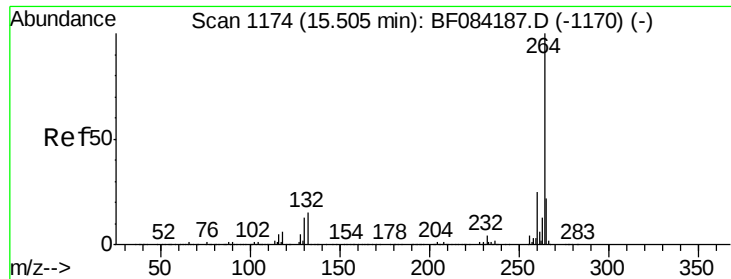
#78
Terphenyl-d14
Concen: 83.57 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

Tgt Ion:244 Resp: 2415583
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 8.2 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: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

Instrument :
BNA_F
ClientSampleId :
S8-0535

Tgt Ion: 264 Resp: 646368
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.2
265 21.9 17.8 26.6

