

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084234.D
 Acq On : 4 Jan 2016 13:04
 Operator : UM/SJ
 Sample : G4982-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

Quant Time: Jan 05 05:45:56 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	319807	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1340189	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	574337	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	1054963	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	879974	20.00	ng	-0.01
86) Perylene-d12	15.49	264	642091	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1338228	67.68	ng	0.00
7) Phenol-d6	6.52	99	1002185	40.36	ng	-0.01
23) Nitrobenzene-d5	7.46	82	2255481	93.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	916095	157.99	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	3448352	107.28	ng	-0.01
78) Terphenyl-d14	13.01	244	3421342	86.79	ng	0.00

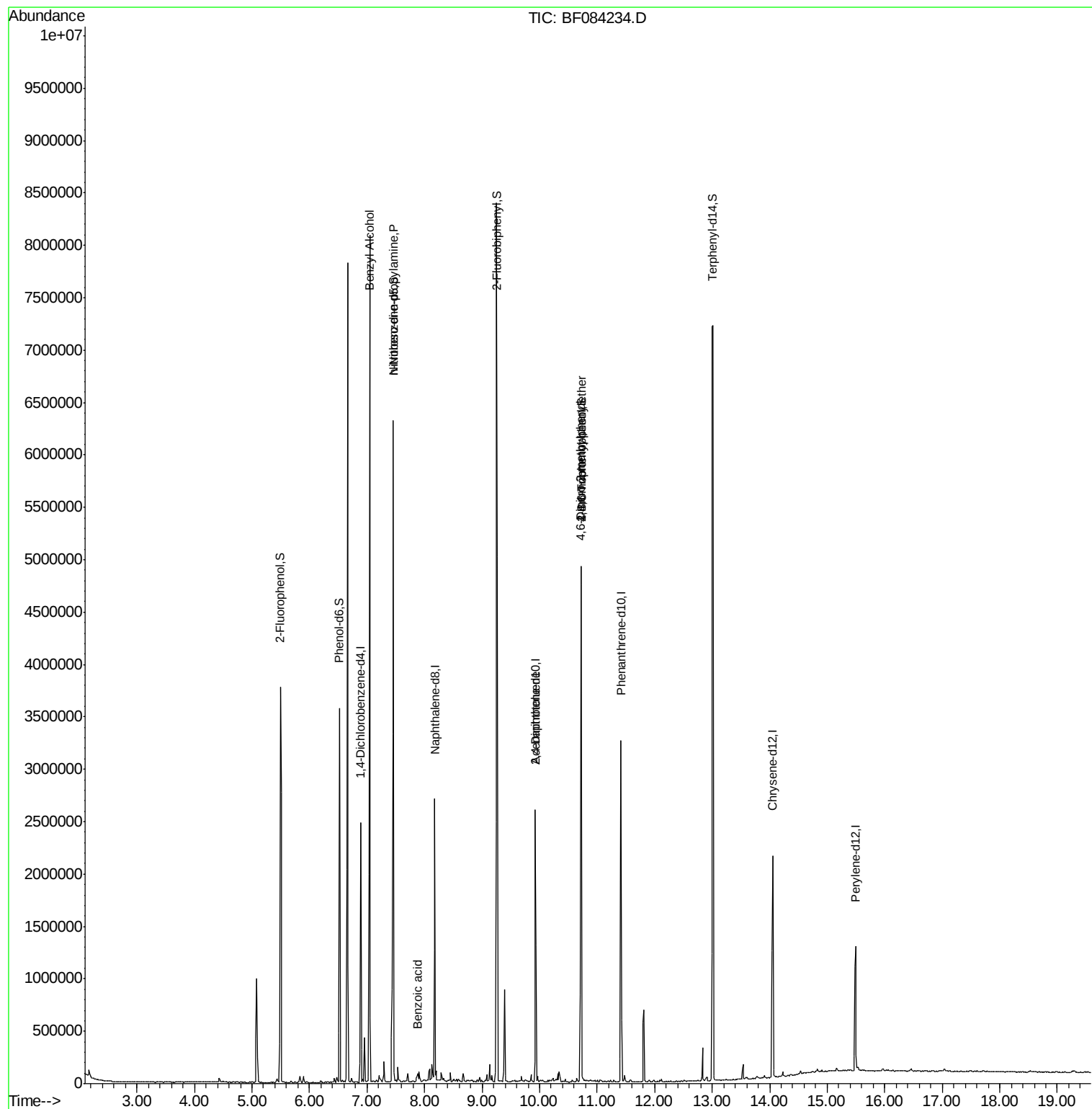
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.05	79	44594	2.13	ng	# 46
19) n-Nitroso-di-n-propylamine	7.46	70	331149	19.70	ng	# 71
32) Benzoic acid	7.88	122	20119	7.46	ng	96
54) Dibenzofuran	10.13	168	225	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.93	165	77357	6.79	ng	# 21
57) Fluorene	10.72	166	35065	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.72	198	2293	6.68	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	60552	5.33	ng	# 1
73) Di-n-butylphthalate	11.98	149	6633	Below Cal	#	96

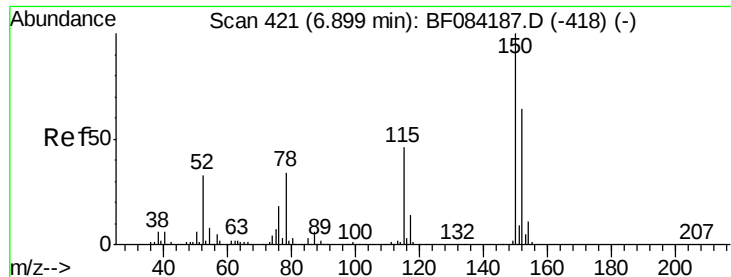
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084234.D
Acq On : 4 Jan 2016 13:04
Operator : UM/SJ
Sample : G4982-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

Quant Time: Jan 05 05:45:56 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: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

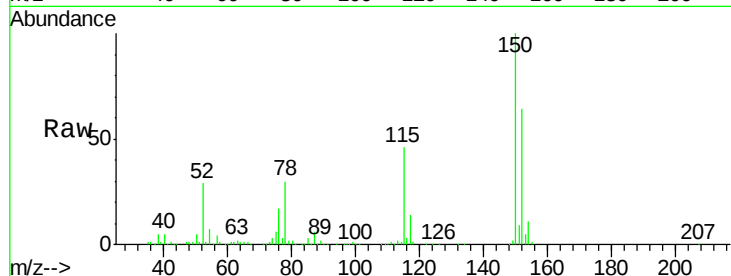
Tgt Ion:152 Resp: 319807

Ion Ratio Lower Upper

152 100

150 156.5 123.0 184.4

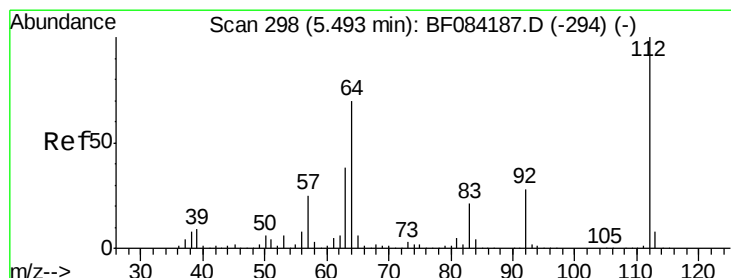
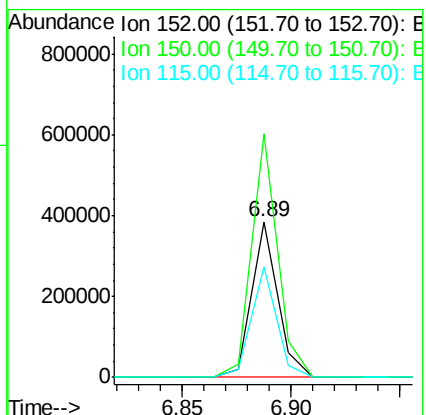
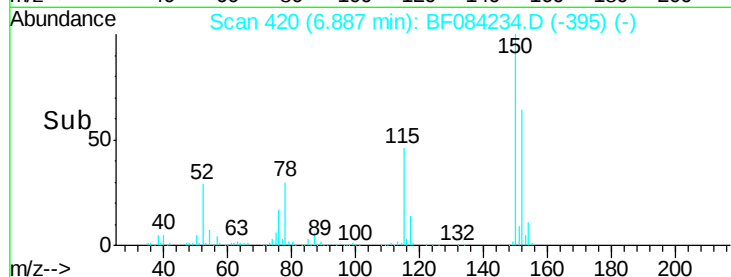
115 71.2 51.4 77.2



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: 67.68 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

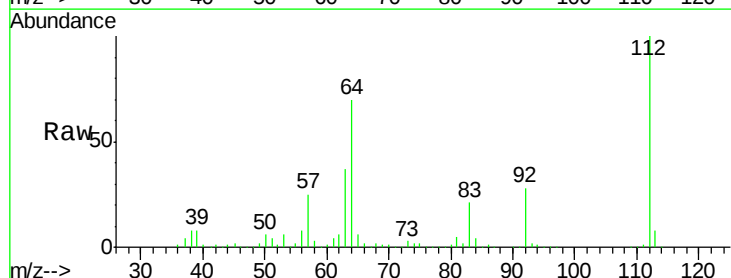
Tgt Ion:112 Resp: 1338228

Ion Ratio Lower Upper

112 100

64 69.8 36.6 55.0#

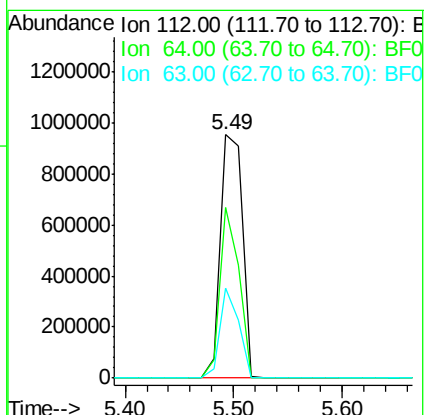
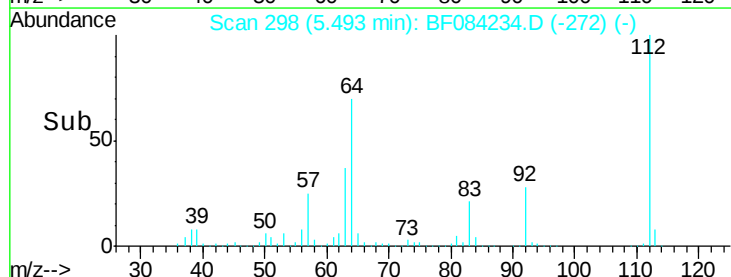
63 36.9 19.4 29.0#

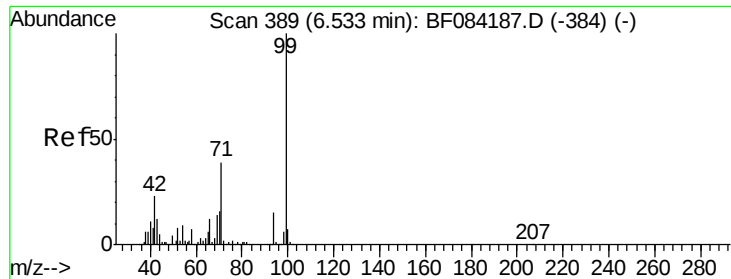


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.36 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

Instrument :

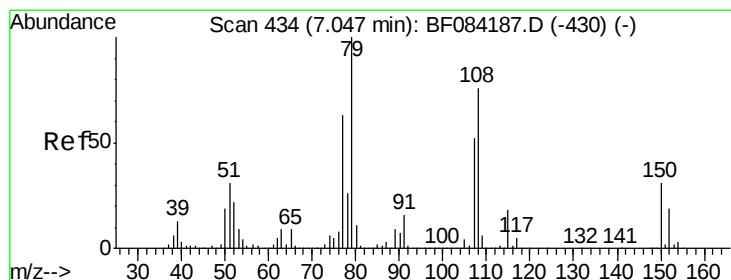
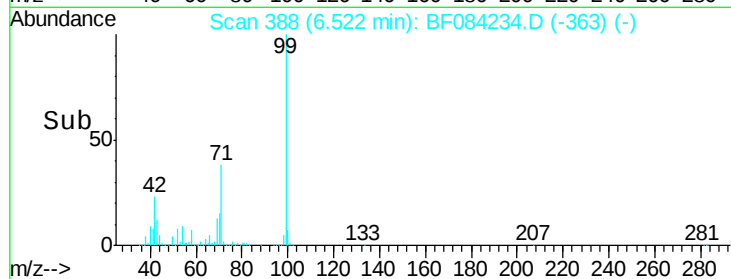
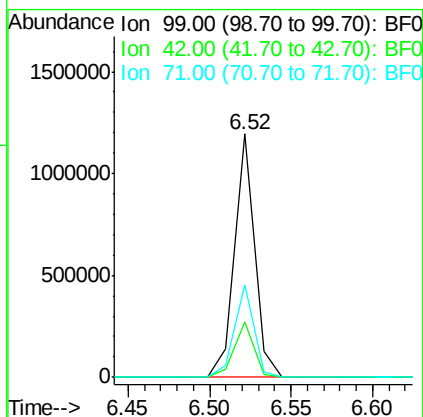
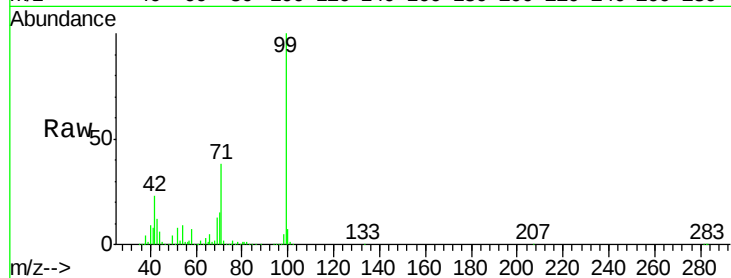
BNA_F

ClientSampleId :

EB-S8-2015-5

Tgt Ion: 99 Resp: 1002185

Ion	Ratio	Lower	Upper
99	100		
42	22.5	12.8	19.2#
71	37.8	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 7.05 min Scan# 434

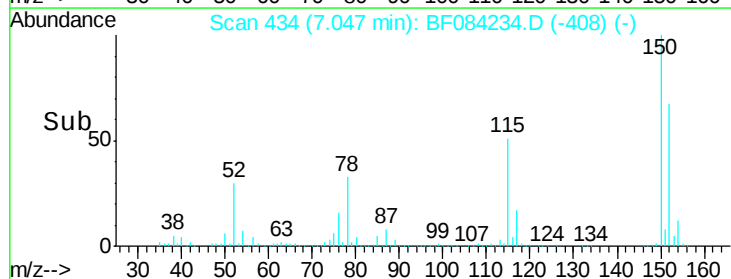
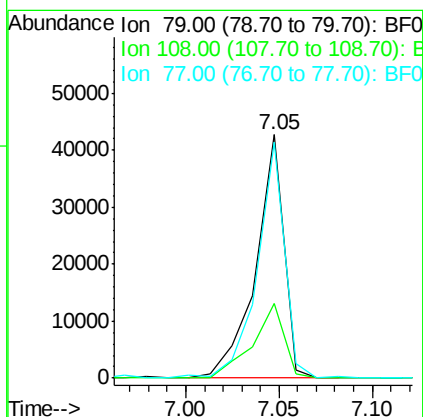
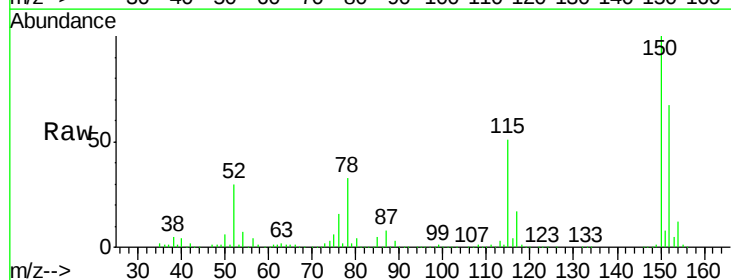
Delta R.T. 0.00 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

Tgt Ion: 79 Resp: 44594

Ion	Ratio	Lower	Upper
79	100		
108	30.9	69.0	103.4#
77	97.0	50.0	75.0#

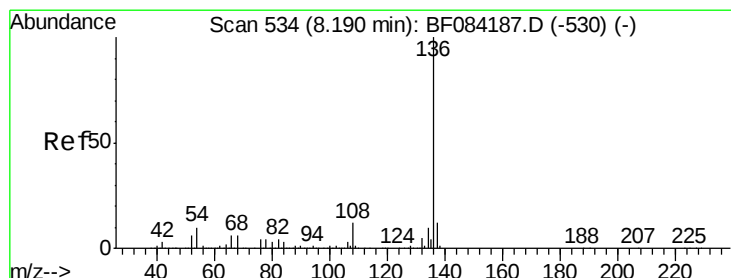
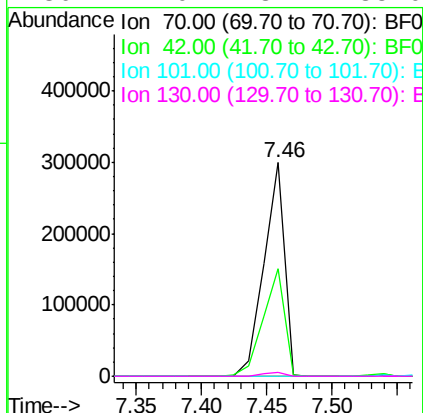
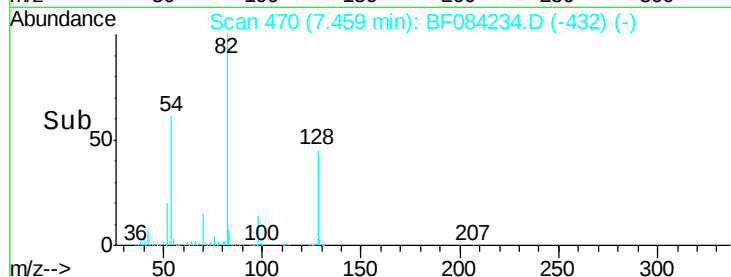
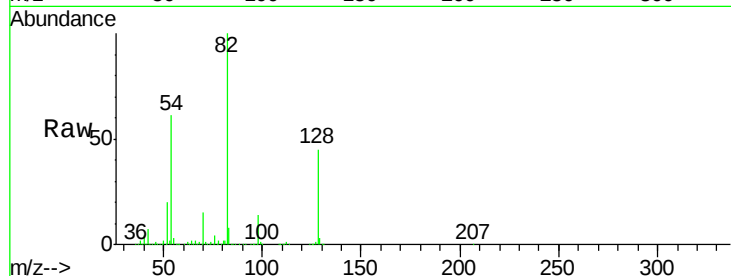




#19
n-Nitroso-di-n-propylamine
Concen: 19.70 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF084234.D
Acq: 4 Jan 2016 13:04

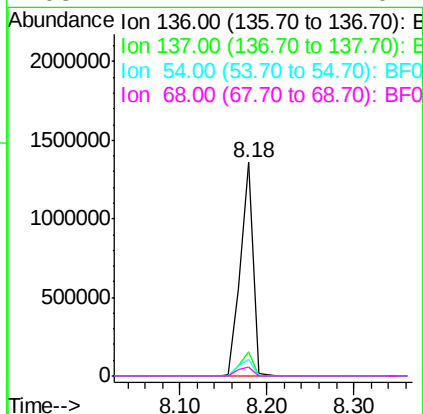
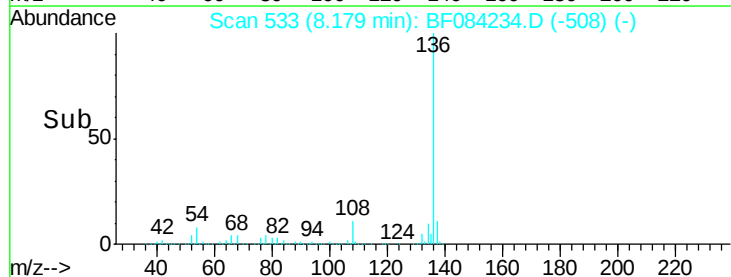
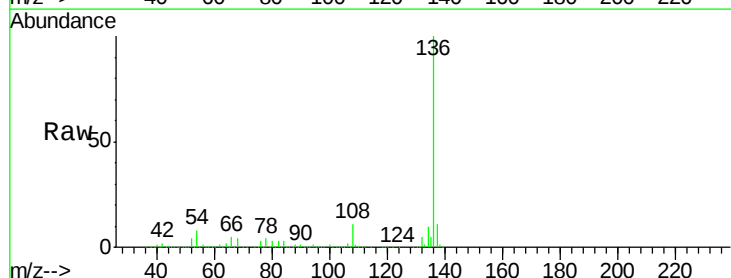
Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

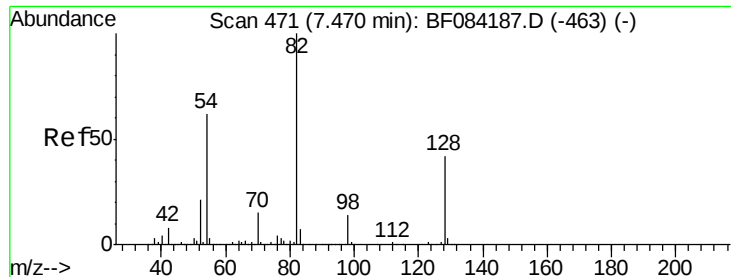
Tgt Ion: 70 Resp: 331149
Ion Ratio Lower Upper
70 100
42 50.1 33.3 49.9#
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084234.D
Acq: 4 Jan 2016 13:04

Tgt Ion: 136 Resp: 1340189
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.6 5.8 8.8
68 4.4 4.2 6.2

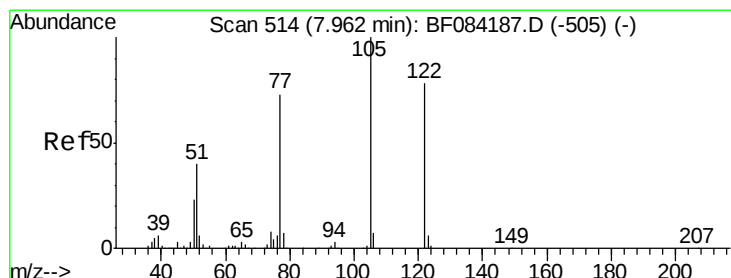
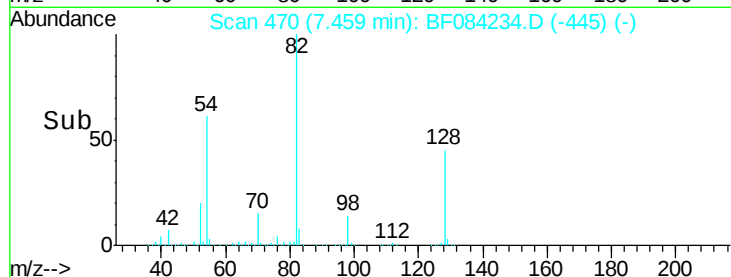
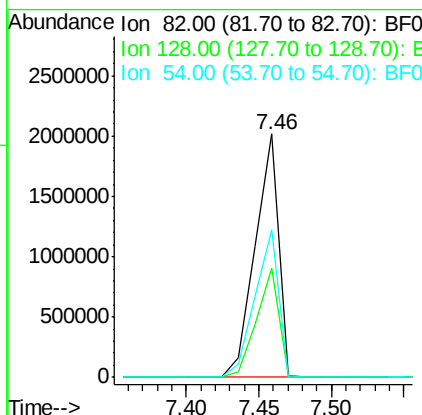
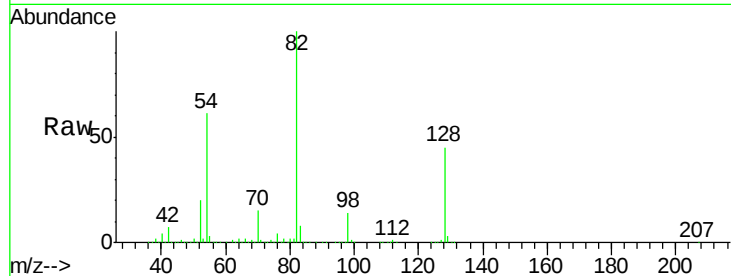




#23
 Nitrobenzene-d5
 Concen: 93.66 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

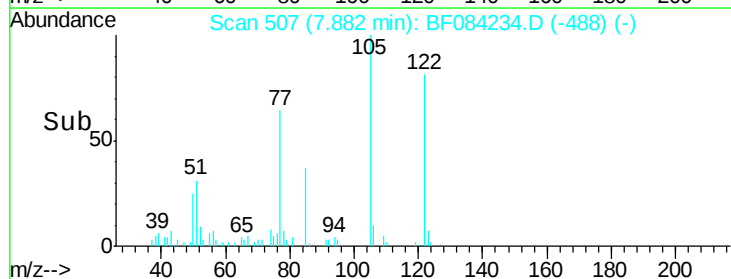
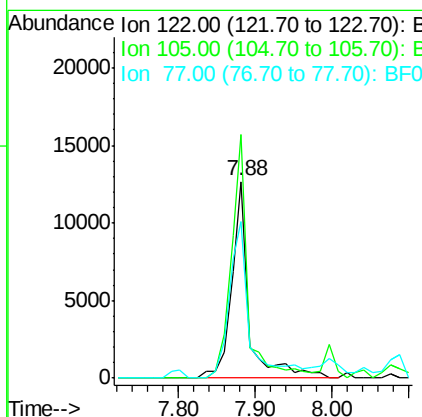
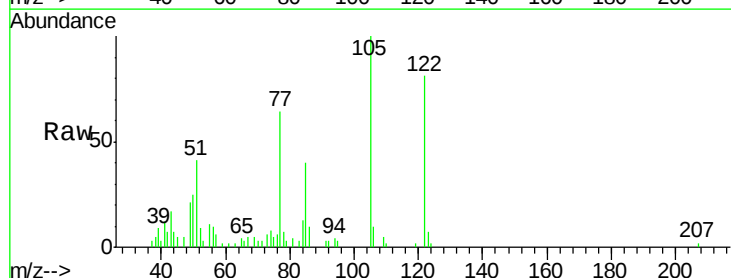
Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

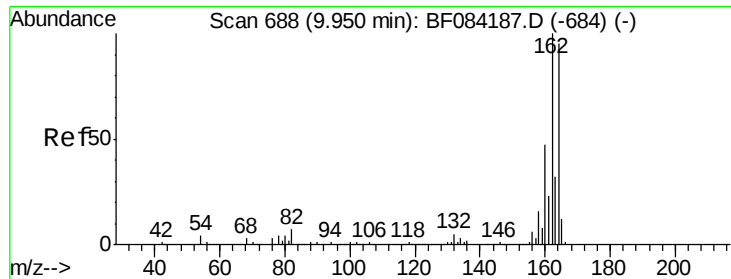
Tgt Ion: 82 Resp: 2255481
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 51.8
 54 60.8 38.4 57.6#



#32
 Benzoic acid
 Concen: 7.46 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.08 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Tgt Ion: 122 Resp: 20119
 Ion Ratio Lower Upper
 122 100
 105 124.1 100.3 140.3
 77 79.5 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

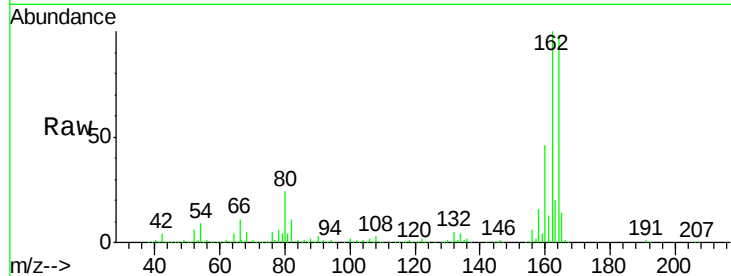
Tgt Ion:164 Resp: 574337

Ion Ratio Lower Upper

164 100

162 101.9 85.1 127.7

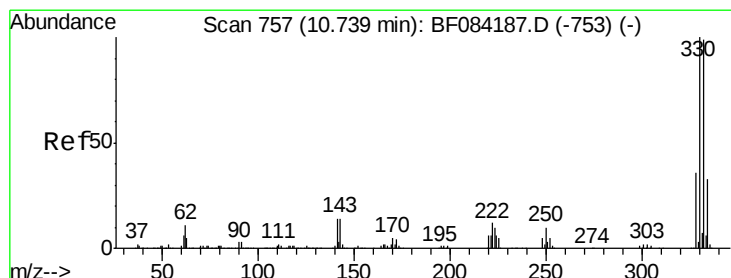
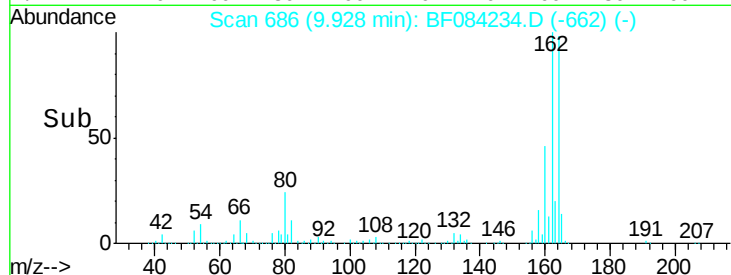
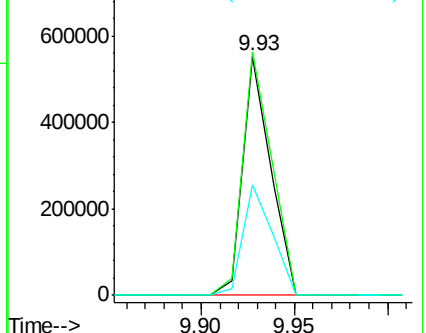
160 46.5 37.5 56.3



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: 157.99 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

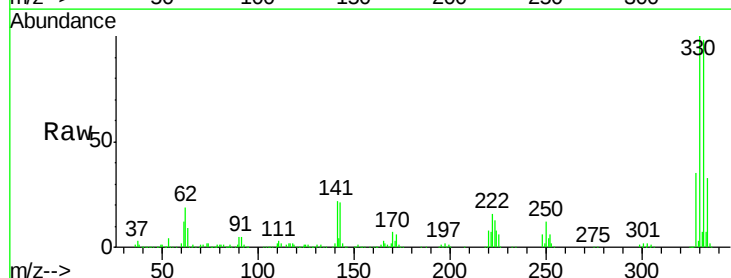
Tgt Ion:330 Resp: 916095

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

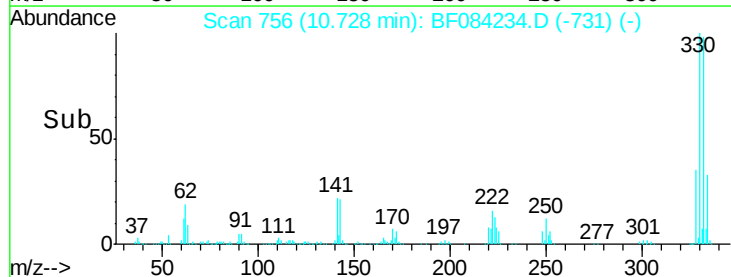
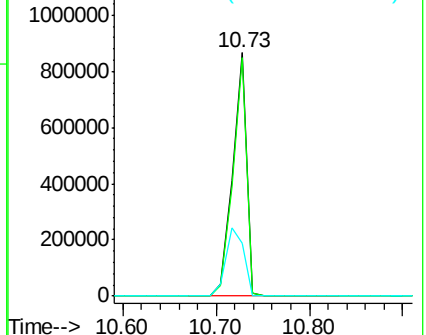
141 35.6 27.8 41.6

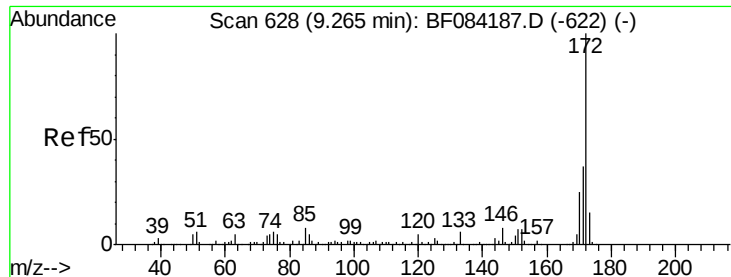


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

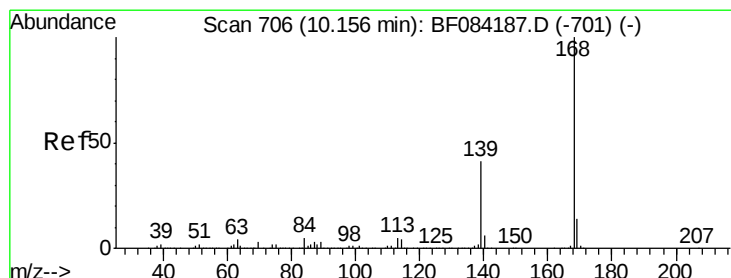
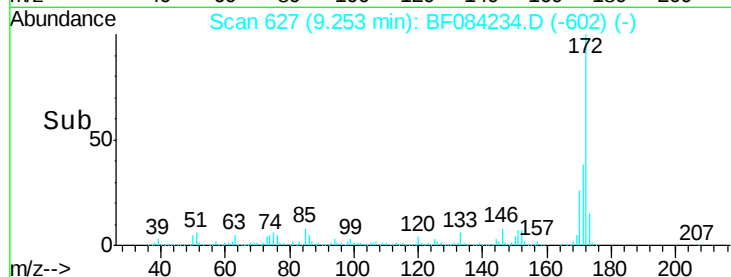
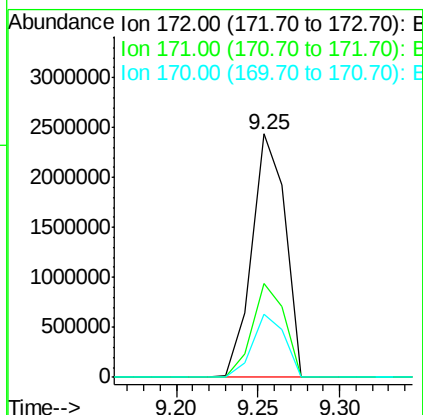
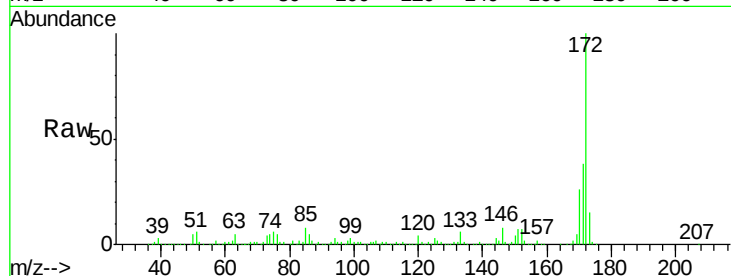




#44
 2-Fluorobiphenyl
 Concen: 107.28 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

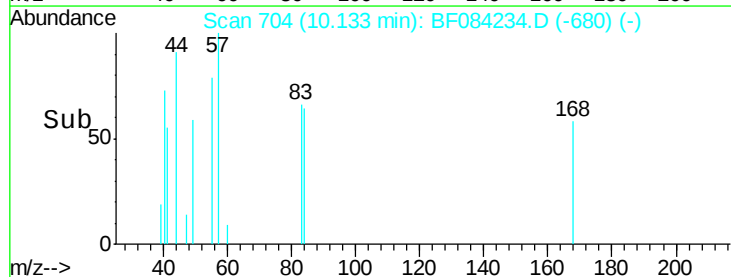
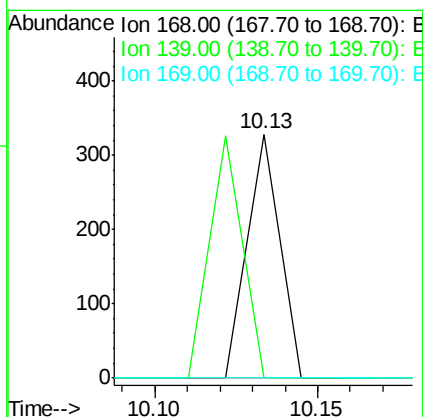
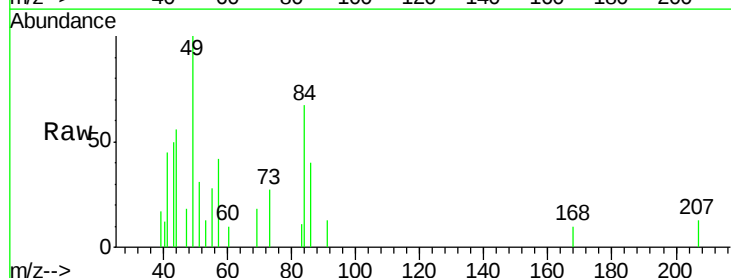
Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

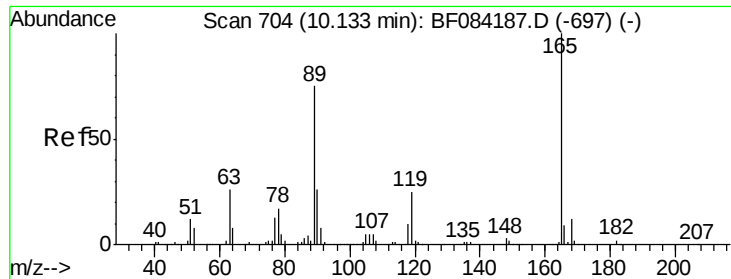
Tgt Ion:172 Resp: 3448352
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 26.0 18.6 27.8



#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.13 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Tgt Ion:168 Resp: 225
 Ion Ratio Lower Upper
 168 100
 139 0.0 30.5 45.7#
 169 0.0 10.4 15.6#

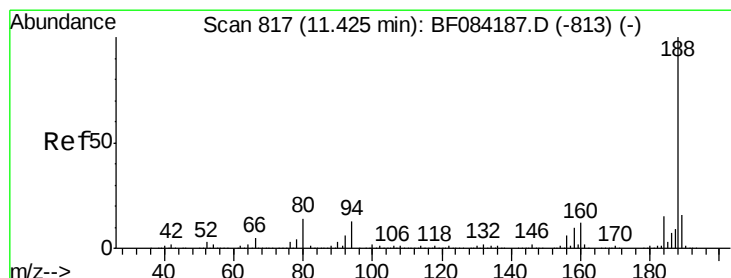
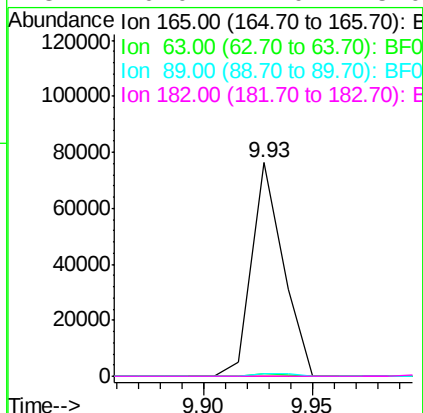
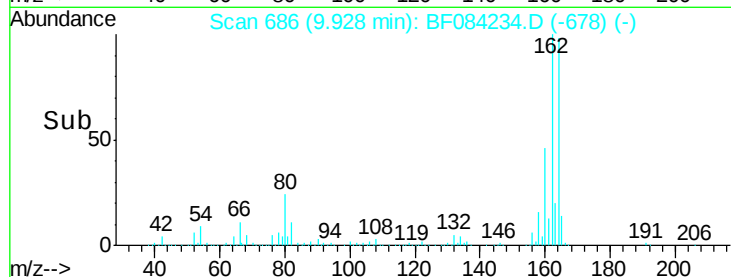
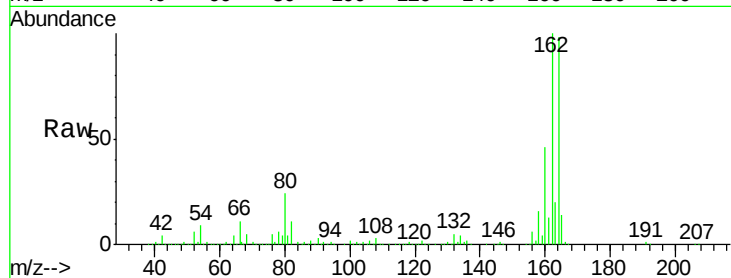




#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF084234.D
Acq: 4 Jan 2016 13:04

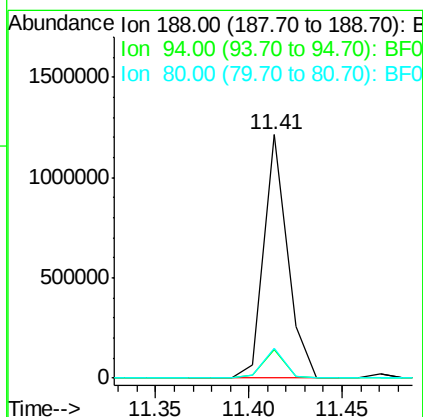
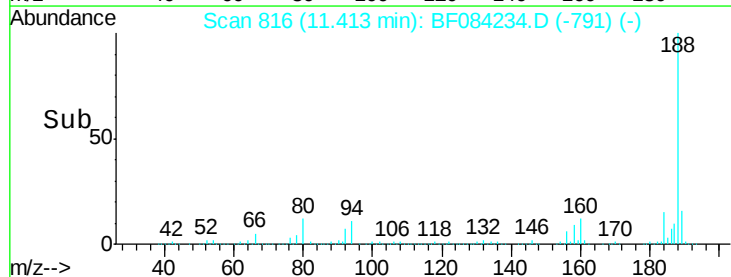
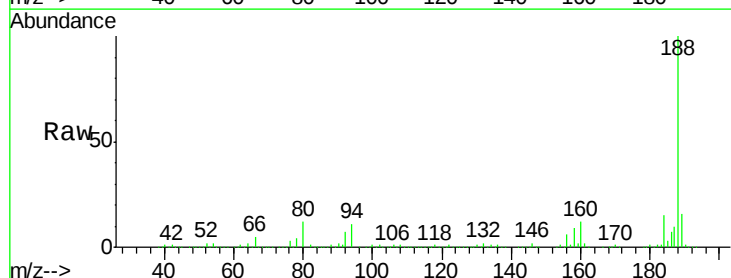
Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

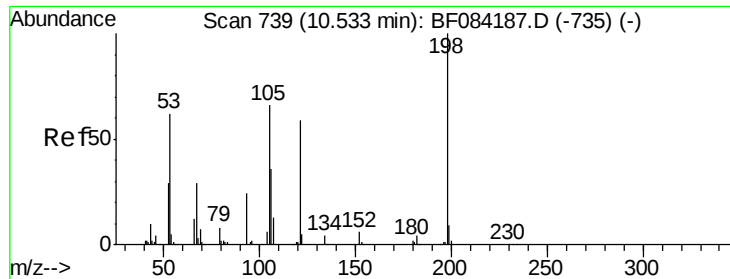
Tgt Ion:165 Resp: 77357
Ion Ratio Lower Upper
165 100
63 1.4 36.7 55.1#
89 1.3 61.9 92.9#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084234.D
Acq: 4 Jan 2016 13:04

Tgt Ion:188 Resp: 1054963
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.4
80 12.3 9.6 14.4

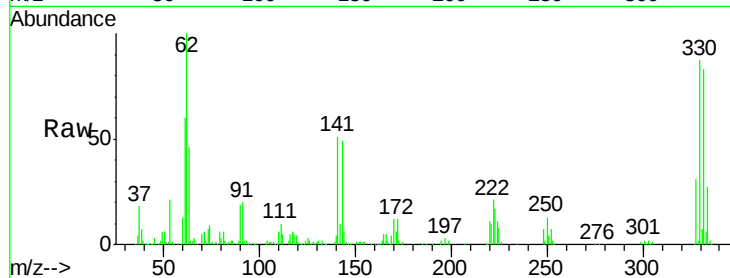




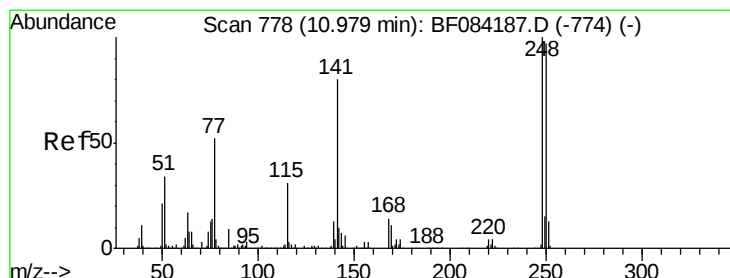
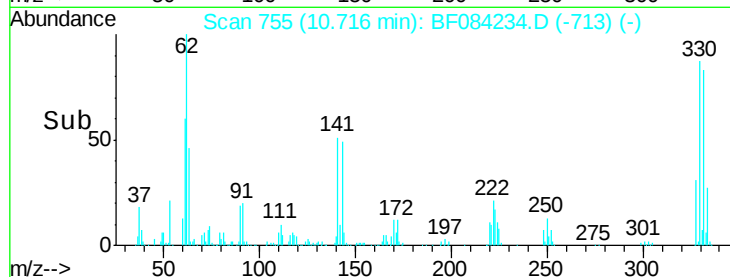
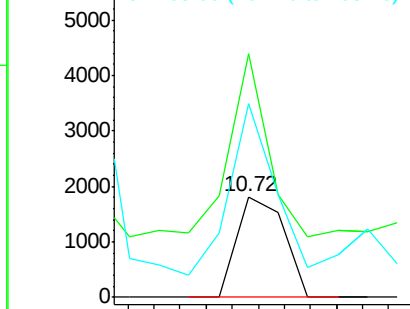
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.68 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.18 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

Tgt Ion:198 Resp: 2293
 Ion Ratio Lower Upper
 198 100
 51 242.2 18.9 58.9#
 105 192.7 26.4 66.4#

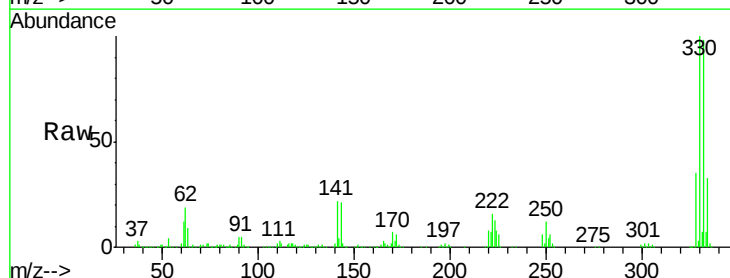


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

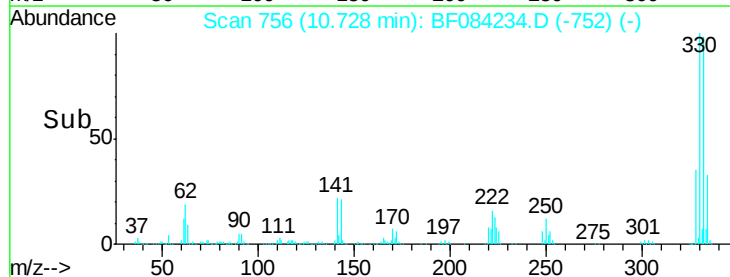
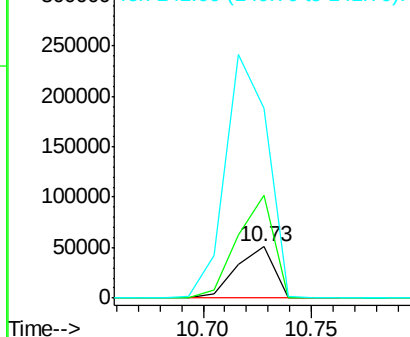


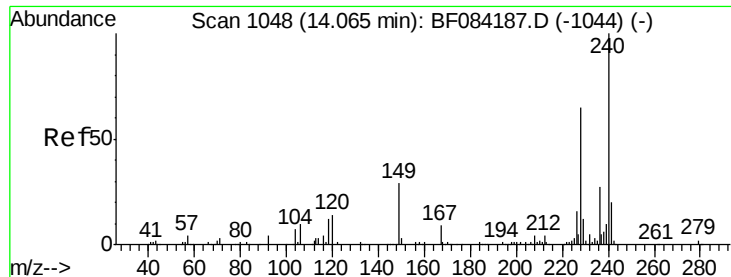
#66
 4-Bromophenyl-phenylether
 Concen: 5.33 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.25 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Tgt Ion:248 Resp: 60552
 Ion Ratio Lower Upper
 248 100
 250 202.3 78.4 117.6#
 141 371.0 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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

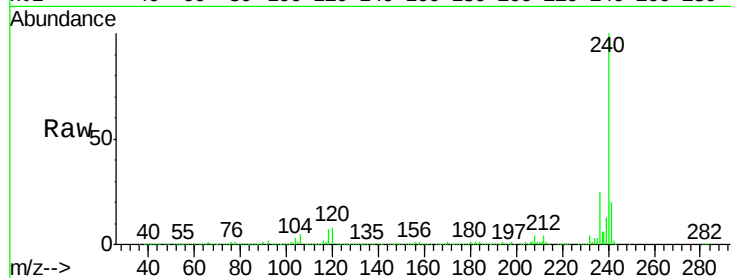
Tgt Ion:240 Resp: 879974

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

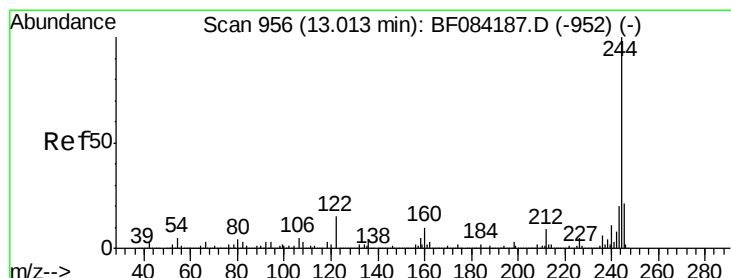
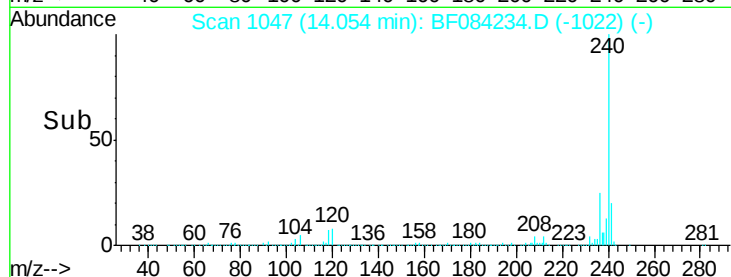
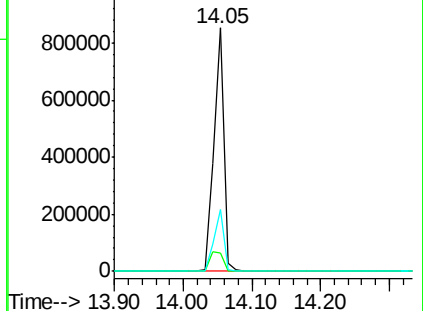
236 25.4 20.6 31.0



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: 86.79 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

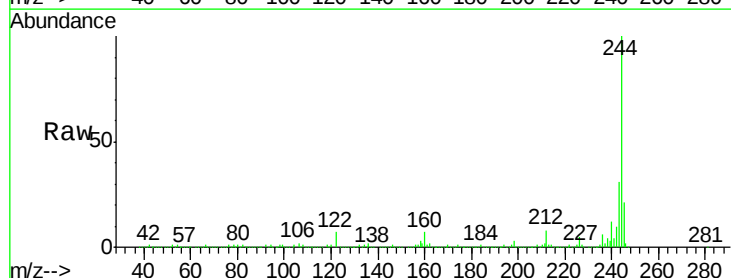
Tgt Ion:244 Resp: 3421342

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

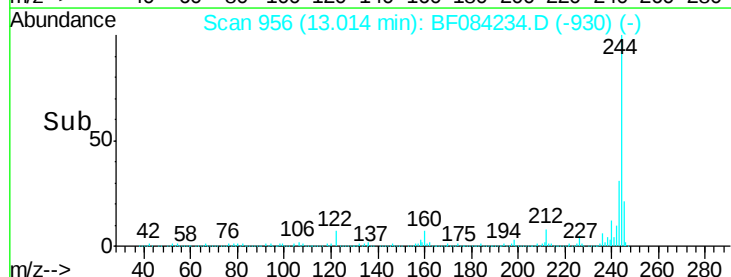
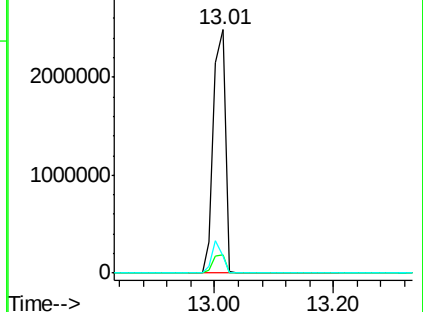
122 7.1 7.4 11.0#

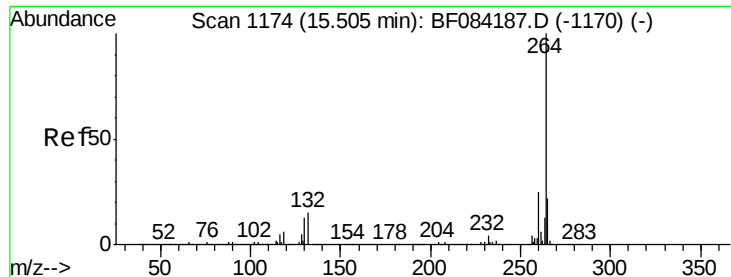


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084234.D
Acq: 4 Jan 2016 13:04

Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

Tgt Ion: 264 Resp: 642091
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.0 17.8 26.6

