

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084398.D
 Acq On : 12 Jan 2016 00:27
 Operator : SJ/UM
 Sample : H1074-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-14-010516

Quant Time: Jan 12 02:22:21 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	374860	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1472201	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	667901	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1060483	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	682829	20.00	ng	-0.06
86) Perylene-d12	15.44	264	601051	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	2748741	118.60	ng	-0.01
7) Phenol-d6	6.50	99	2985863	102.58	ng	-0.03
23) Nitrobenzene-d5	7.42	82	2590818	97.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	819978	121.60	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3365317	88.93	ng	-0.04
78) Terphenyl-d14	12.97	244	2594071	84.80	ng	-0.05

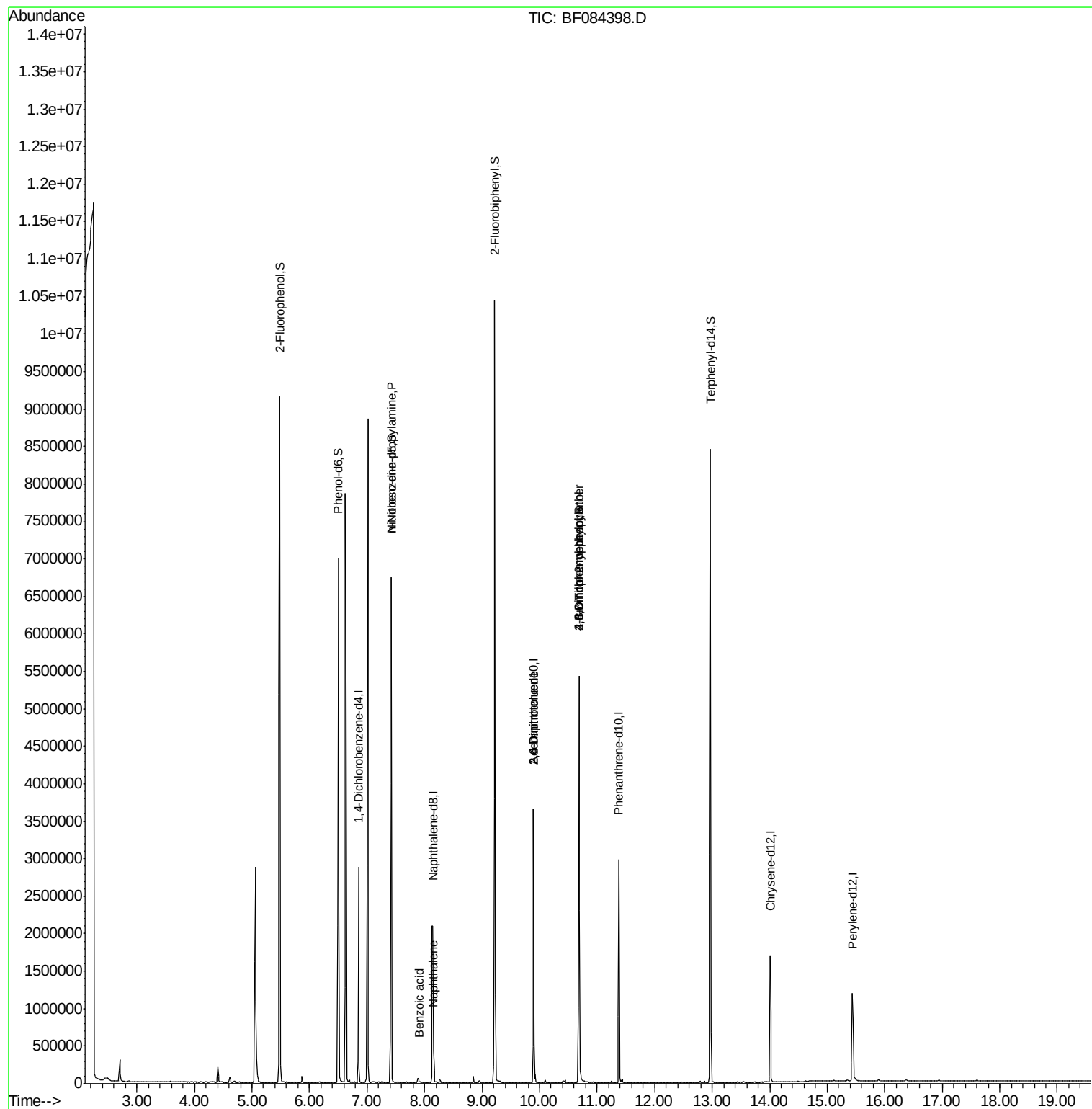
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	369936	18.78	ng	# 75
31) Naphthalene	8.16	128	186551	2.79	ng	98
32) Benzoic acid	7.92	122	3235	6.43	ng	91
50) 2,6-Dinitrotoluene	9.89	165	90254	8.62	ng	# 37
54) Dibenzofuran	10.10	168	14079	Below Cal		98
56) 2,4-Dinitrotoluene	9.89	165	90460	6.82	ng	# 21
57) Fluorene	10.44	166	12819	Below Cal		98
64) 4,6-Dinitro-2-methylphenol	10.68	198	1836	6.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	48336	4.23	ng	# 1
73) Di-n-butylphthalate	11.94	149	2337	Below Cal		# 79

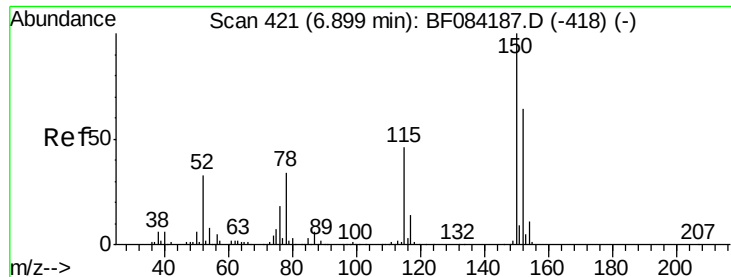
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084398.D
Acq On : 12 Jan 2016 00:27
Operator : SJ/UM
Sample : H1074-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Quant Time: Jan 12 02:22:21 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



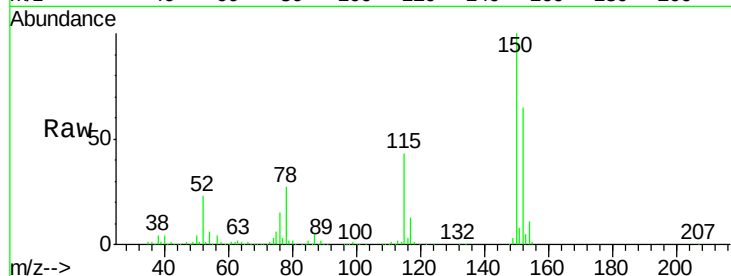


#1

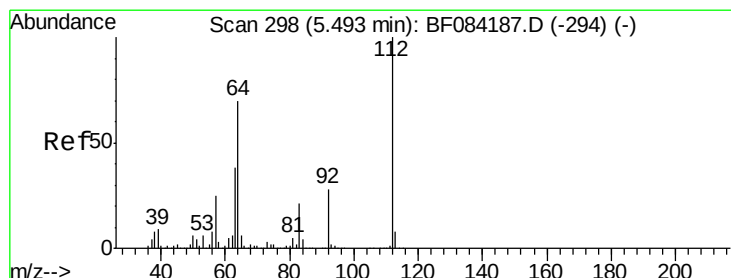
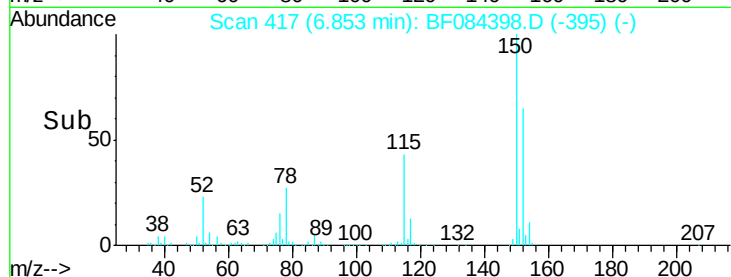
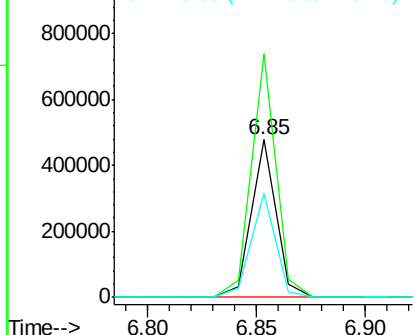
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion:152 Resp: 374860
Ion Ratio Lower Upper
152 100
150 154.8 123.0 184.4
115 66.0 51.4 77.2



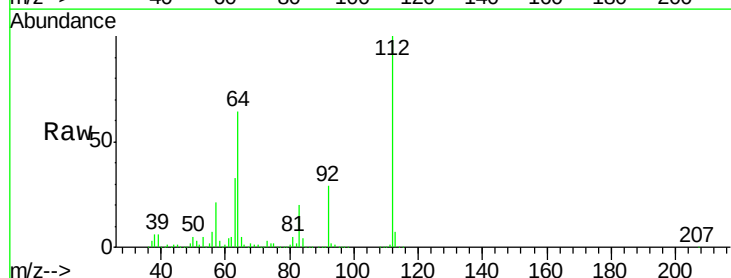
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



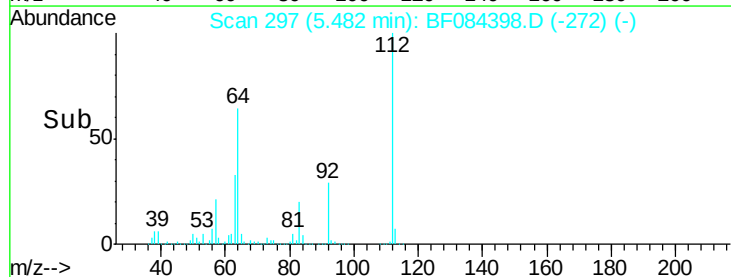
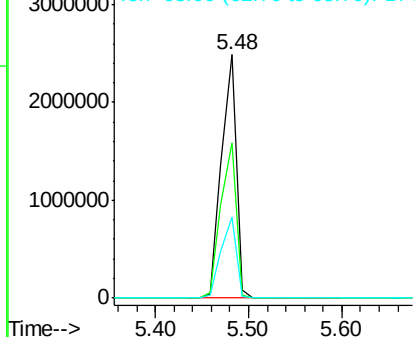
#5

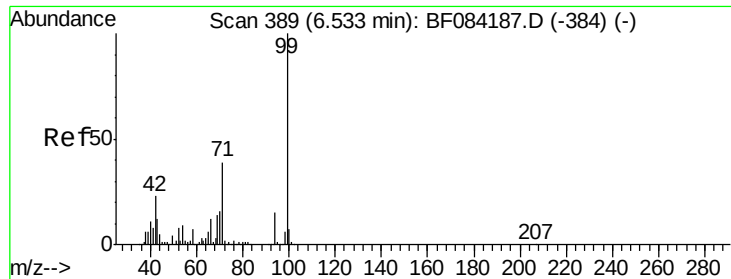
2-Fluorophenol
Concen: 118.60 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:112 Resp: 2748741
Ion Ratio Lower Upper
112 100
64 63.7 36.6 55.0#
63 33.2 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: 102.58 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

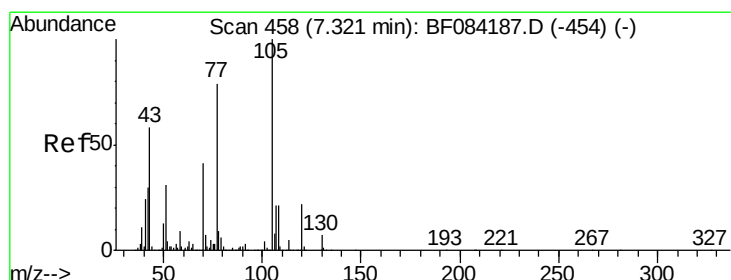
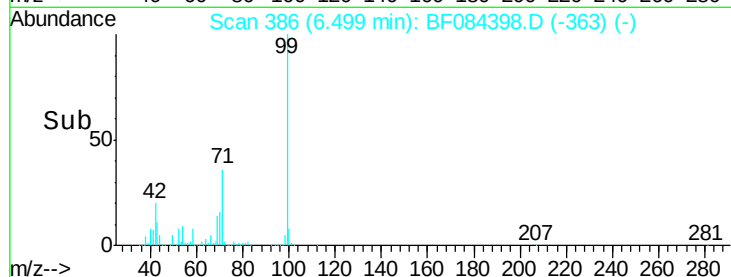
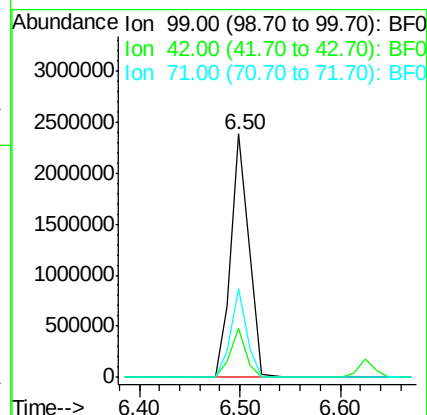
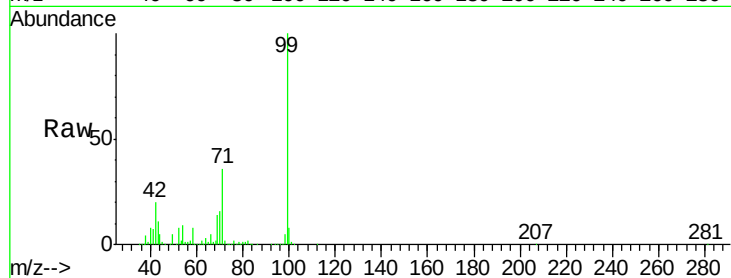
Tgt Ion: 99 Resp: 2985863

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

71 36.2 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.78 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Tgt Ion: 70 Resp: 369936

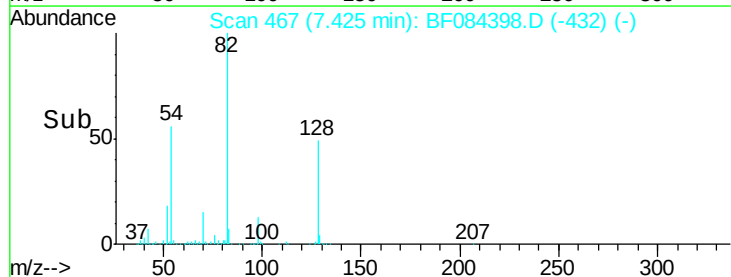
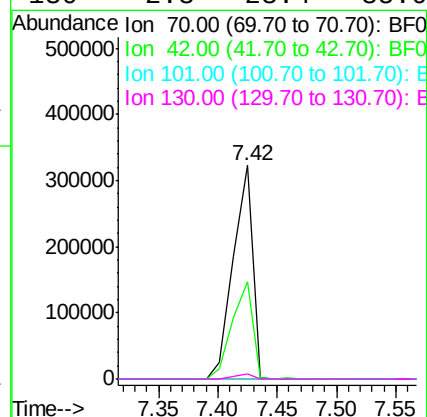
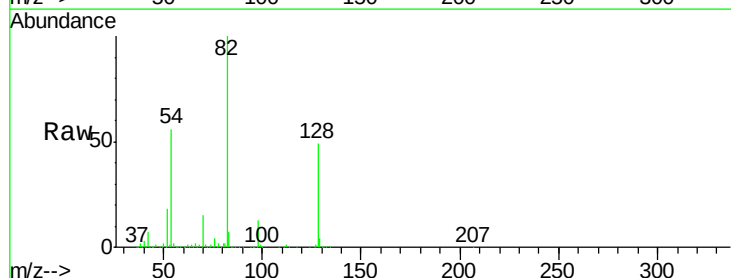
Ion Ratio Lower Upper

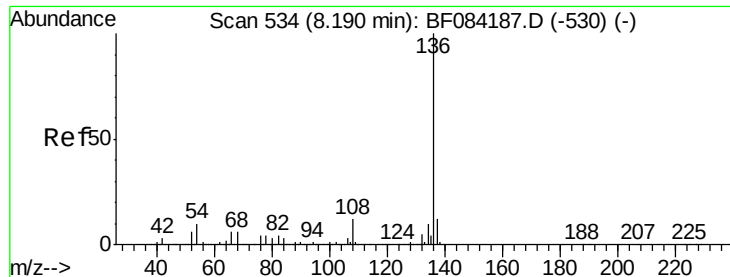
70 100

42 45.4 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#

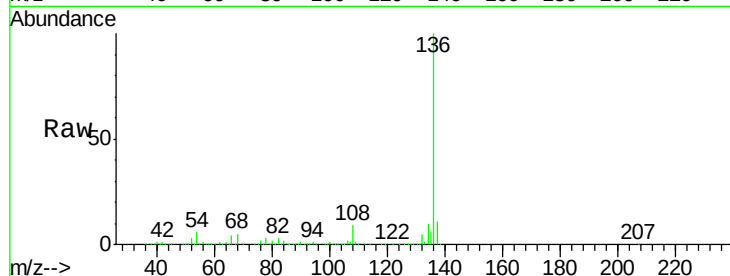




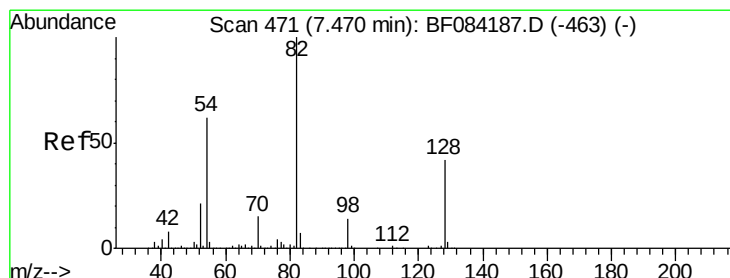
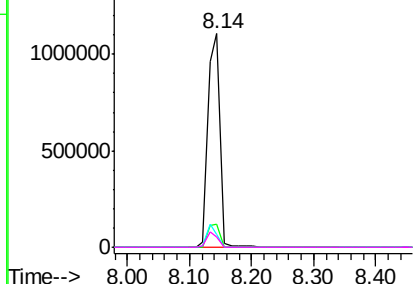
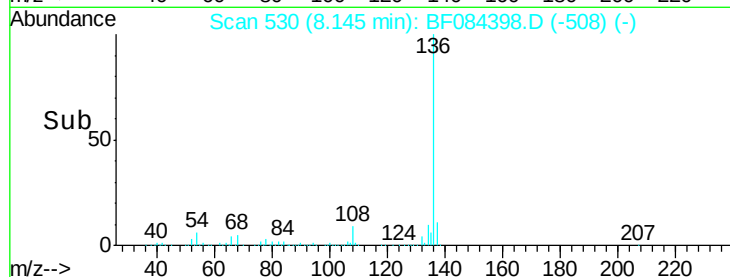
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion:136 Resp: 1472201
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.2 5.8 8.8
68 4.6 4.2 6.2

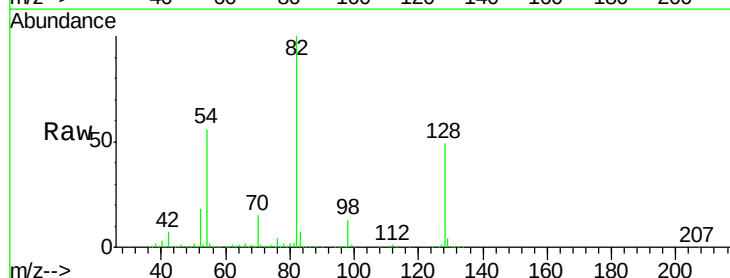


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

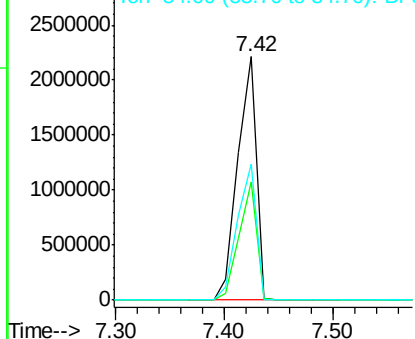
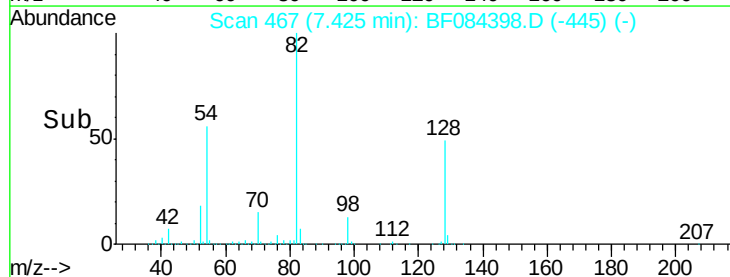


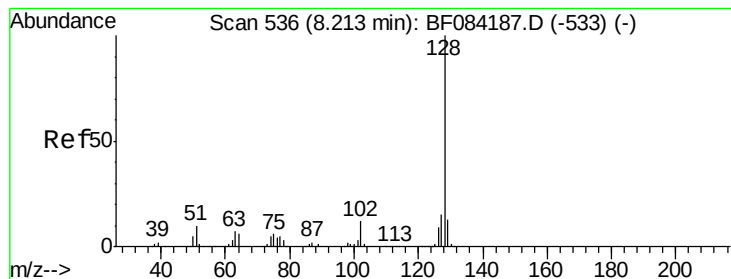
#23
Nitrobenzene-d5
Concen: 97.94 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion: 82 Resp: 2590818
Ion Ratio Lower Upper
82 100
128 48.7 34.6 51.8
54 55.6 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





#31

Naphthalene

Concen: 2.79 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

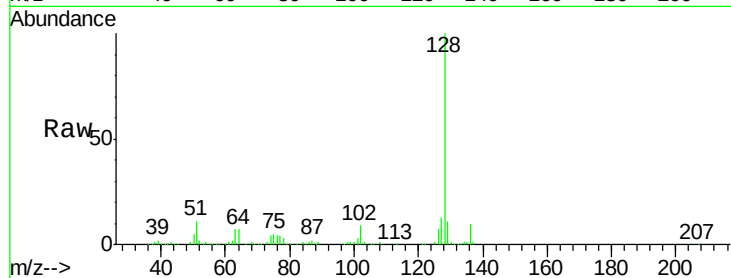
Tgt Ion:128 Resp: 186551

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

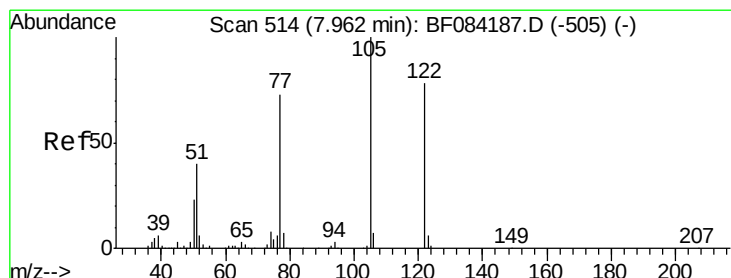
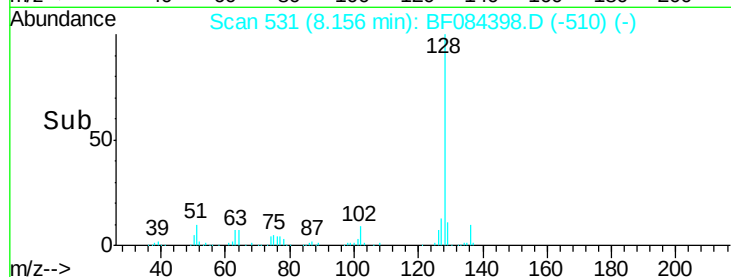
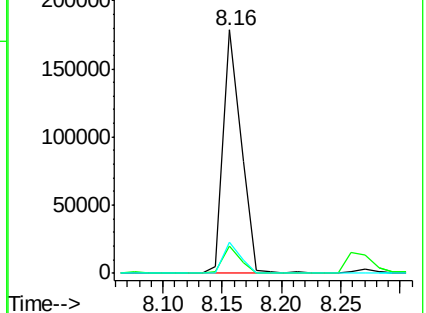
127 12.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.43 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

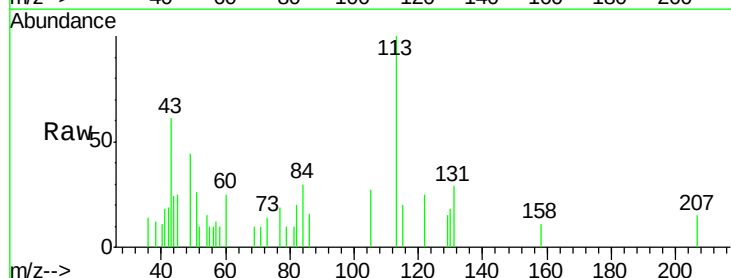
Tgt Ion:122 Resp: 3235

Ion Ratio Lower Upper

122 100

105 108.3 100.3 140.3

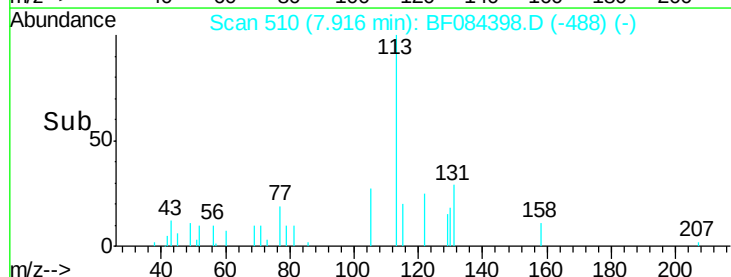
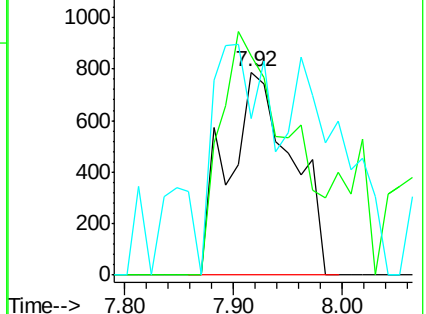
77 77.0 63.5 103.5

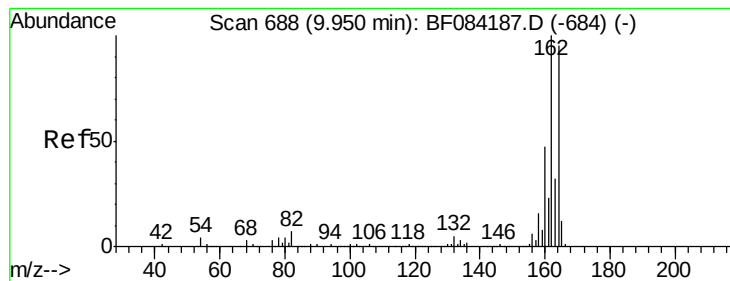


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

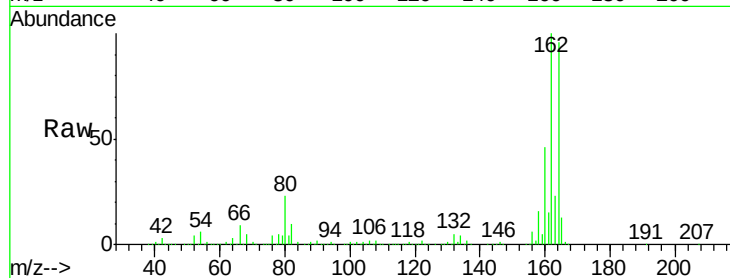
Tgt Ion:164 Resp: 667901

Ion Ratio Lower Upper

164 100

162 104.4 85.1 127.7

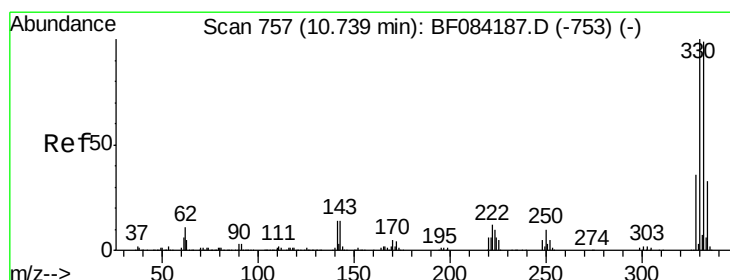
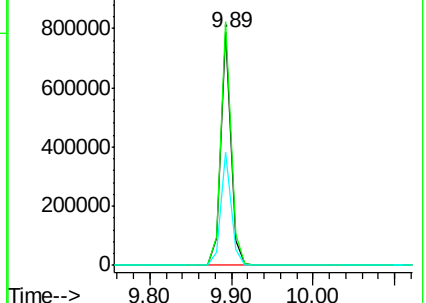
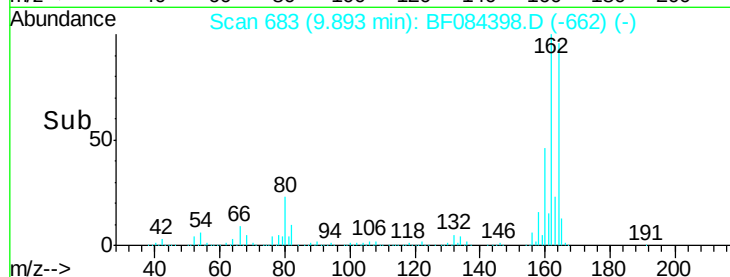
160 48.3 37.5 56.3



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: 121.60 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

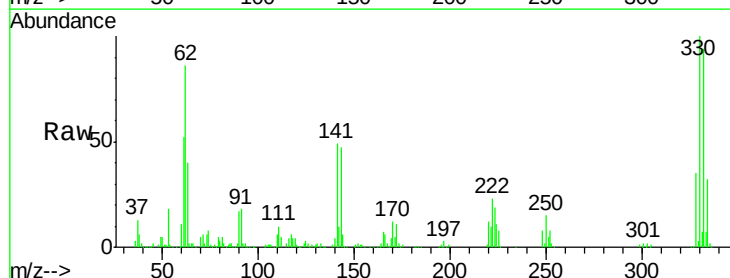
Tgt Ion:330 Resp: 819978

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

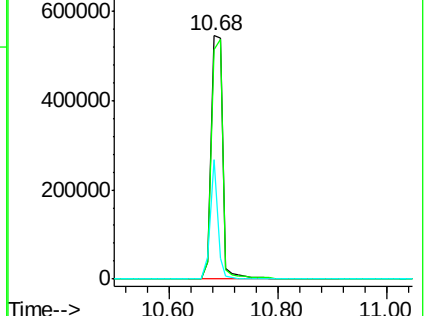
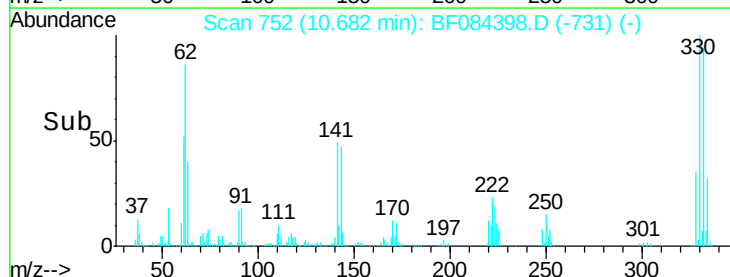
141 32.5 27.8 41.6

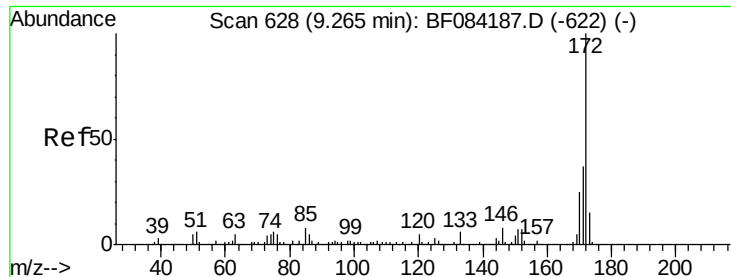


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 88.93 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.04 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

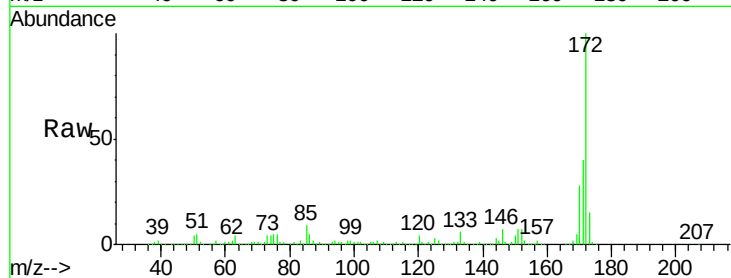
BNA_F

ClientSampleId :

HSR-WC-14-010516

Tgt Ion:172 Resp: 3365317

Ion	Ratio	Lower	Upper
172	100		
171	40.4	28.9	43.3
170	27.6	18.6	27.8

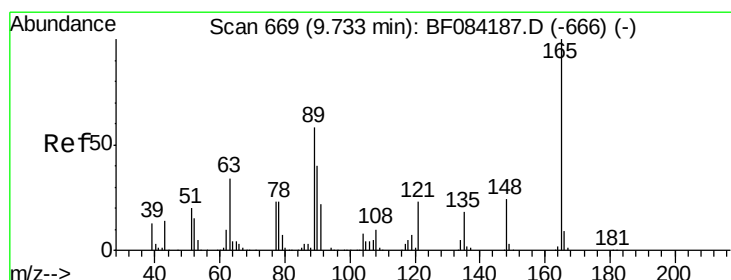
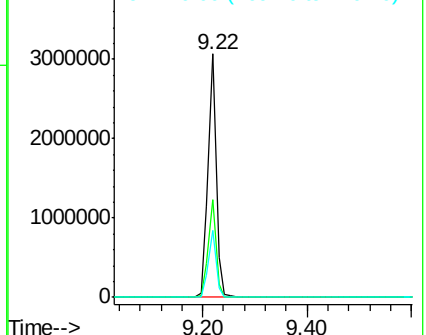
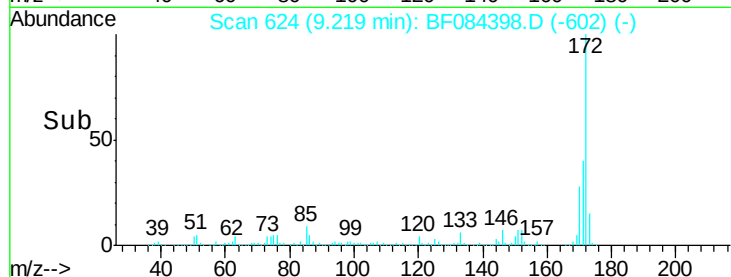


Abundance

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



#50

2,6-Dinitrotoluene

Concen: 8.62 ng

RT: 9.89 min Scan# 683

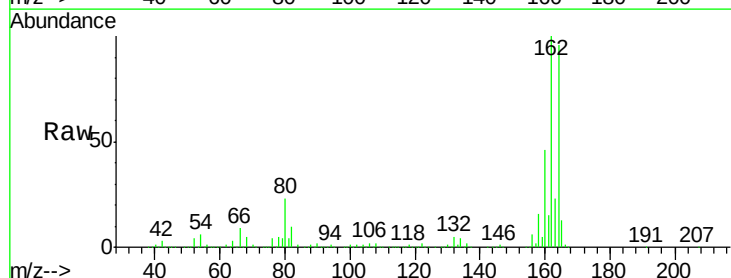
Delta R.T. 0.16 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Tgt Ion:165 Resp: 90254

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.2	35.1	52.7#

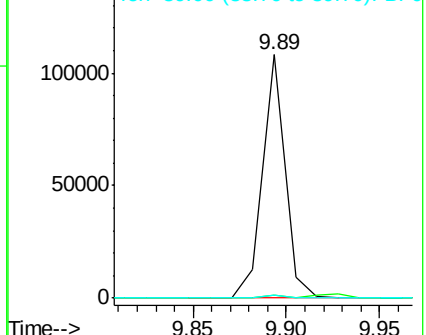
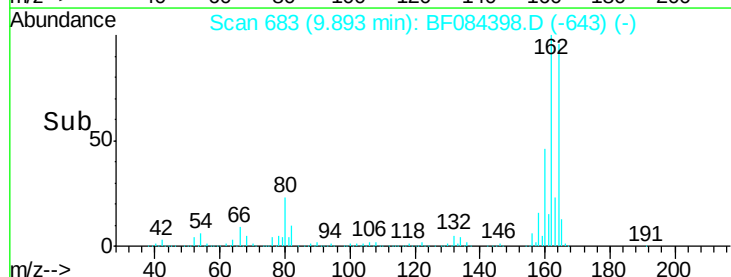


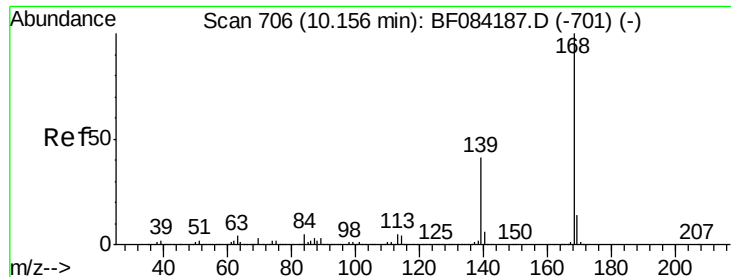
Abundance

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

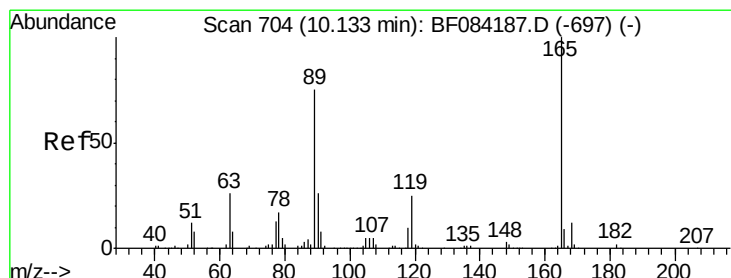
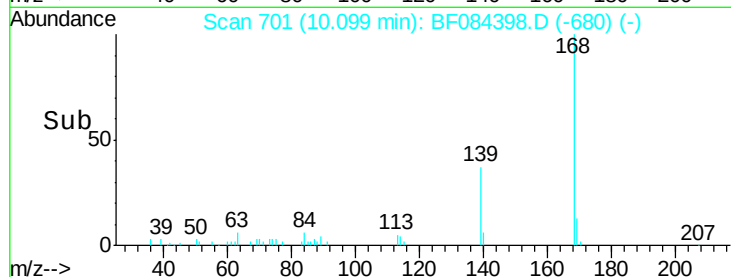
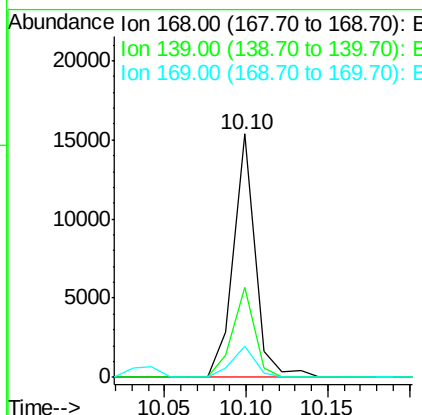
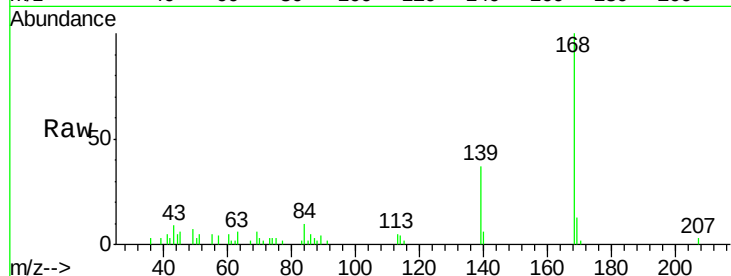




#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

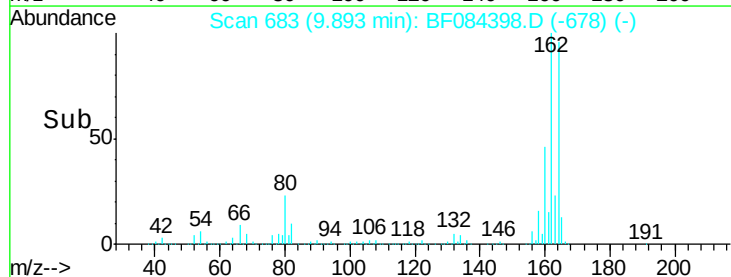
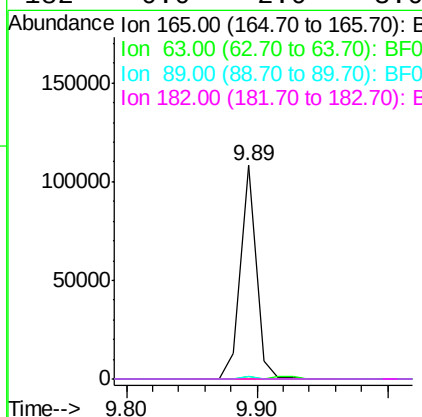
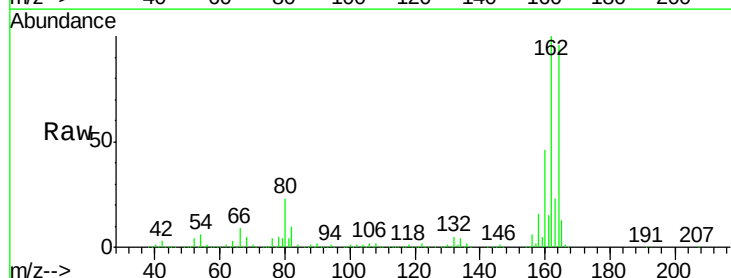
Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

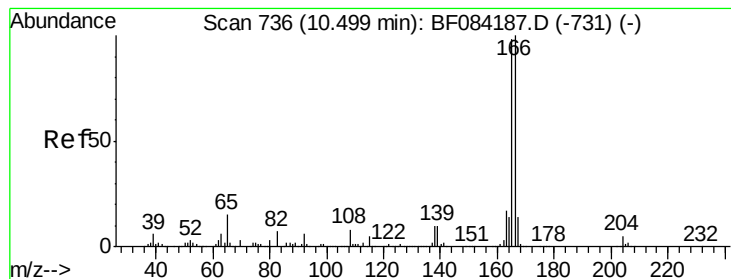
Tgt Ion:168 Resp: 14079
Ion Ratio Lower Upper
168 100
139 37.0 30.5 45.7
169 12.7 10.4 15.6



#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Tgt Ion:165 Resp: 90460
Ion Ratio Lower Upper
165 100
63 1.4 36.7 55.1#
89 1.2 61.9 92.9#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: Below Cal

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

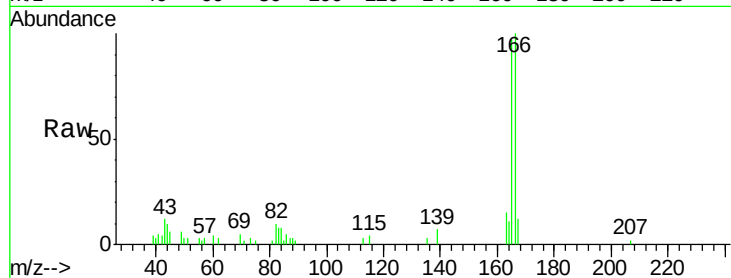
Tgt Ion:166 Resp: 12819

Ion Ratio Lower Upper

166 100

165 97.4 79.1 118.7

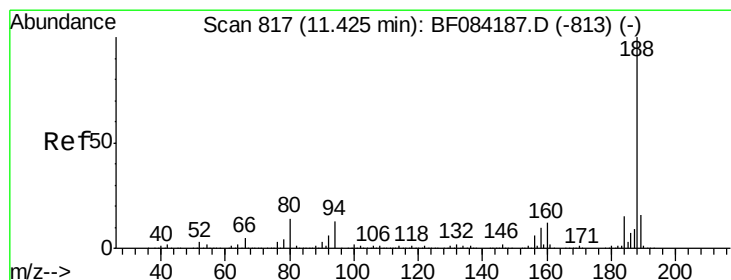
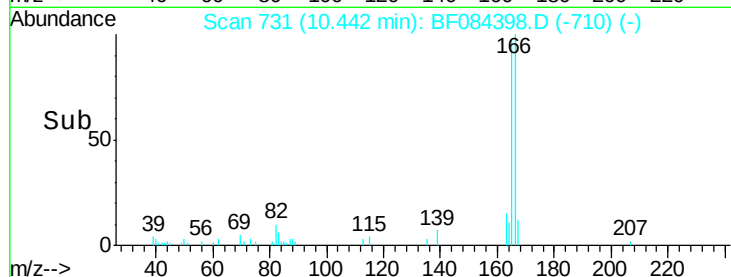
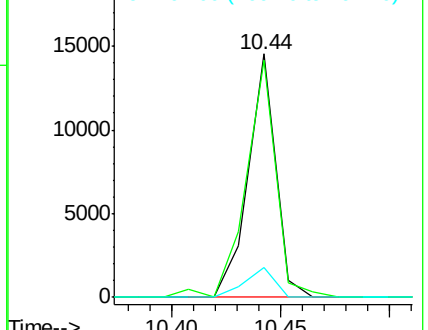
167 12.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

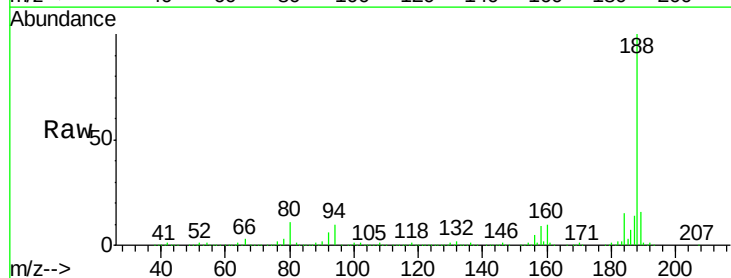
Tgt Ion:188 Resp: 1060483

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

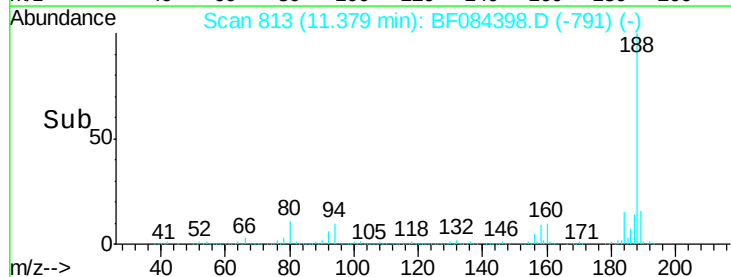
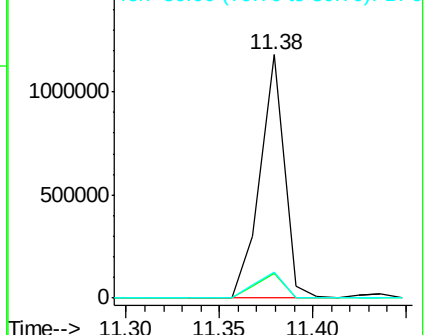
80 10.8 9.6 14.4

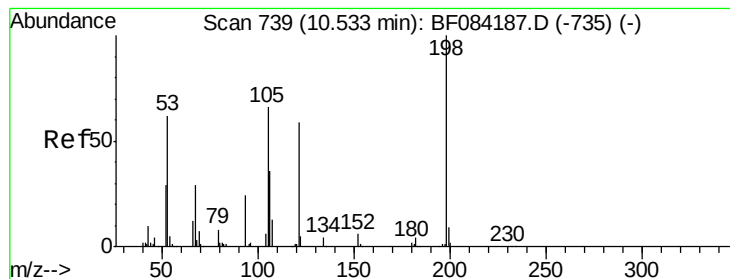


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 6.63 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

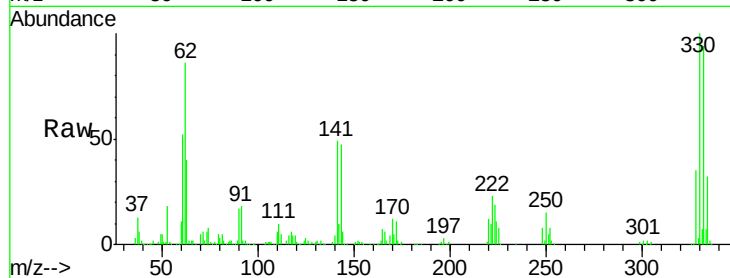
Tgt Ion:198 Resp: 1836

Ion Ratio Lower Upper

198 100

51 185.6 18.9 58.9#

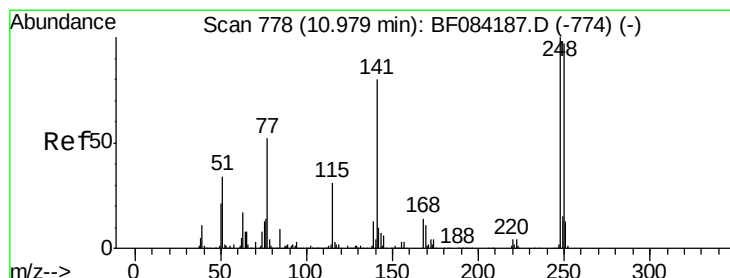
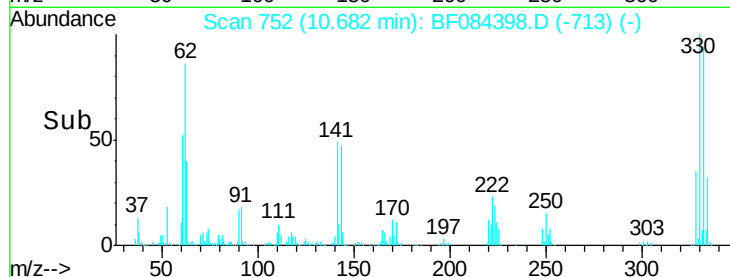
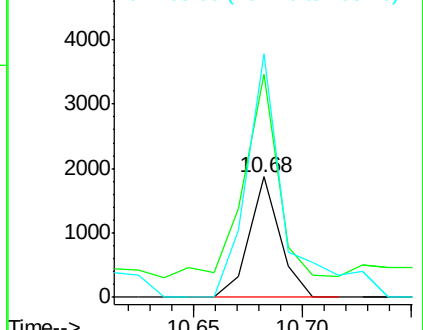
105 202.1 26.4 66.4#



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: 4.23 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

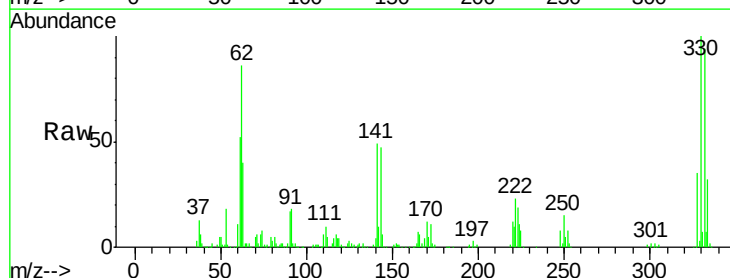
Tgt Ion:248 Resp: 48336

Ion Ratio Lower Upper

248 100

250 197.4 78.4 117.6#

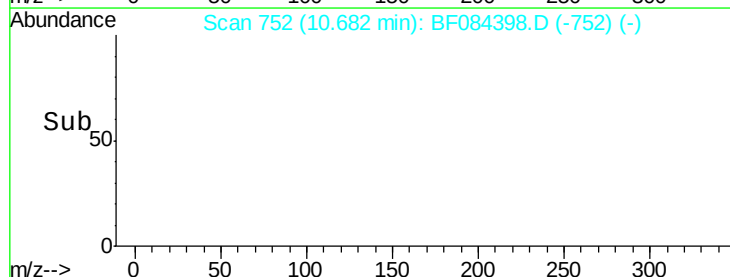
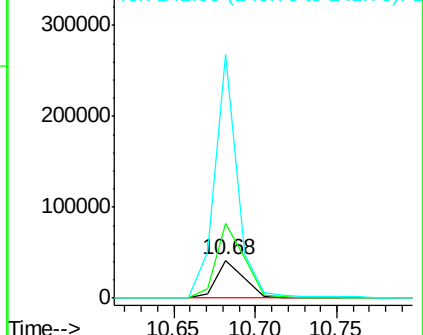
141 649.1 44.0 66.0#

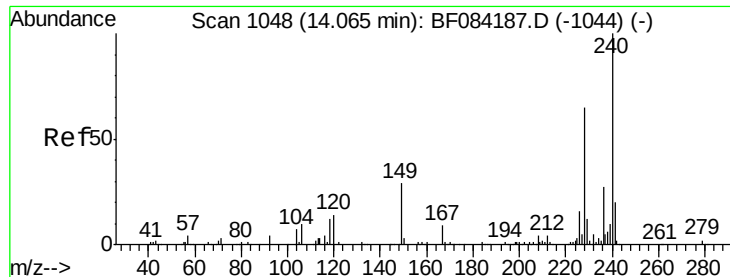


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084398.D

Acq: 12 Jan 2016 00:27

Instrument :

BNA_F

ClientSampleId :

HSR-WC-14-010516

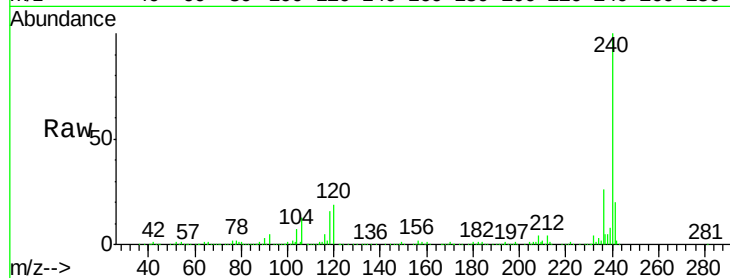
Tgt Ion:240 Resp: 682829

Ion Ratio Lower Upper

240 100

120 19.0 9.5 14.3#

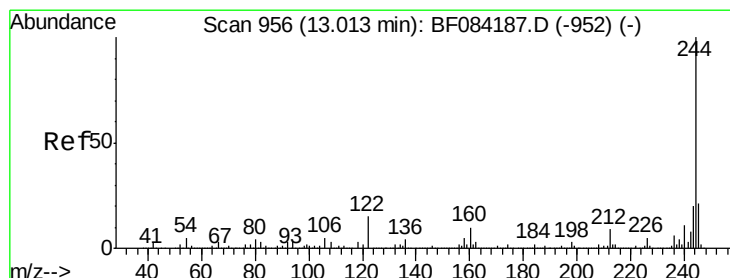
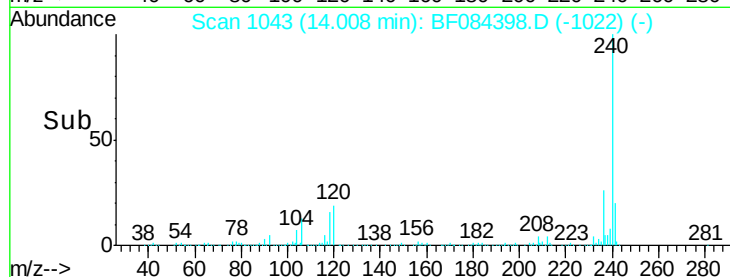
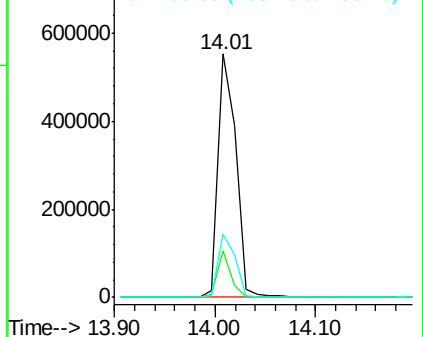
236 26.1 20.6 31.0



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: 84.80 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084398.D

Acq: 12 Jan 2016 00:27

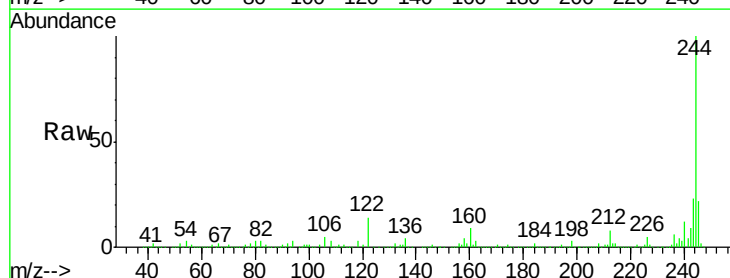
Tgt Ion:244 Resp: 2594071

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

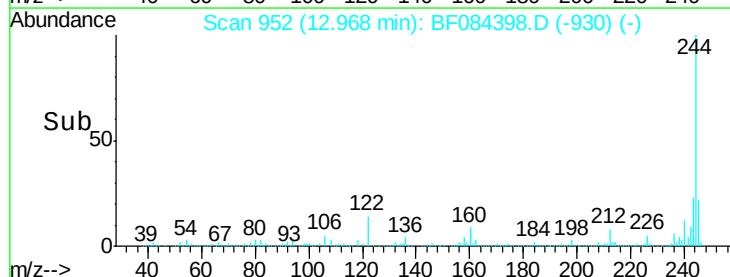
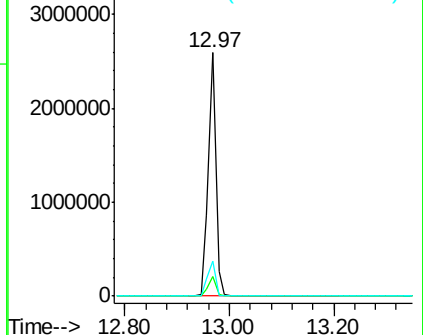
122 14.4 7.4 11.0#

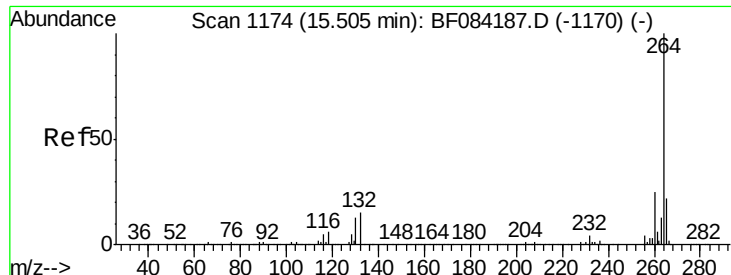


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

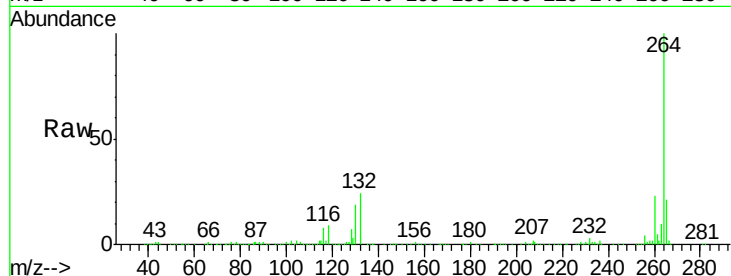




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084398.D
Acq: 12 Jan 2016 00:27

Instrument :
BNA_F
ClientSampleId :
HSR-WC-14-010516

Tgt Ion: 264 Resp: 601051
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.4 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

