

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084463.D
 Acq On : 14 Jan 2016 1:19
 Operator : SJ/UM
 Sample : H1083-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-19-010516

Quant Time: Jan 14 11:16:05 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

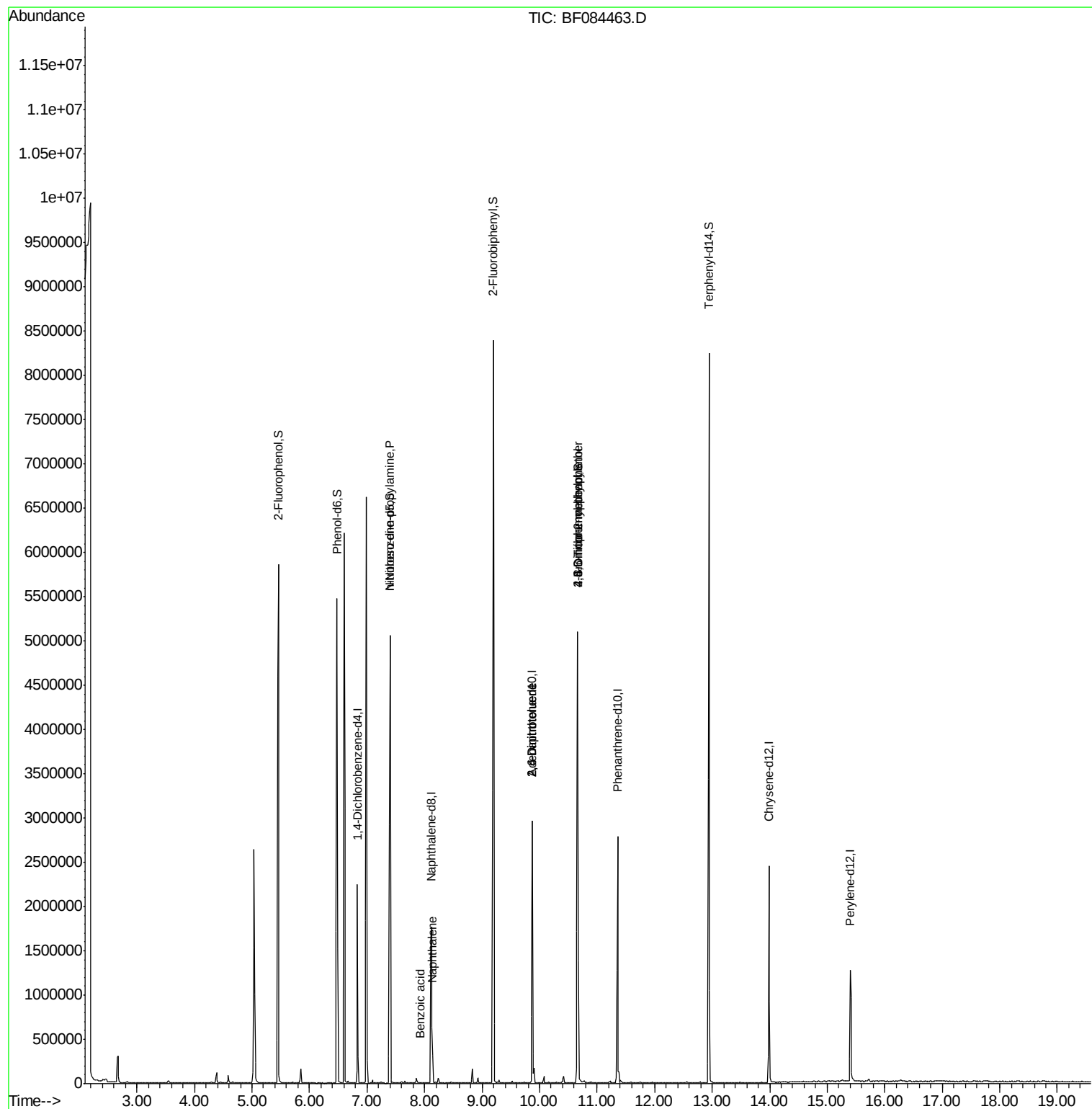
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	294502	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1187912	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	580868	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	1132178	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	920343	20.00	ng	-0.08
86) Perylene-d12	15.40	264	662746	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2130864	117.03	ng	-0.03
7) Phenol-d6	6.48	99	2156406	94.30	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1915400	89.74	ng	-0.07
41) 2,4,6-Tribromophenol	10.66	330	726629	123.91	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	2710985	81.87	ng	-0.07
78) Terphenyl-d14	12.95	244	2767415	67.12	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	267892	17.31	ng	# 75
31) Naphthalene	8.13	128	324777	6.03	ng	98
32) Benzoic acid	7.93	122	518	6.28	ng	# 1
50) 2,6-Dinitrotoluene	9.87	165	75501	8.29	ng	# 38
54) Dibenzofuran	10.08	168	33150	Below	Cal	98
56) 2,4-Dinitrotoluene	9.87	165	75506	6.55	ng	# 22
57) Fluorene	10.42	166	26977	Below	Cal	99
64) 4,6-Dinitro-2-methylphenol	10.66	198	1453	6.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	43841	3.60	ng	# 1
73) Di-n-butylphthalate	11.92	149	3211	Below	Cal	# 79

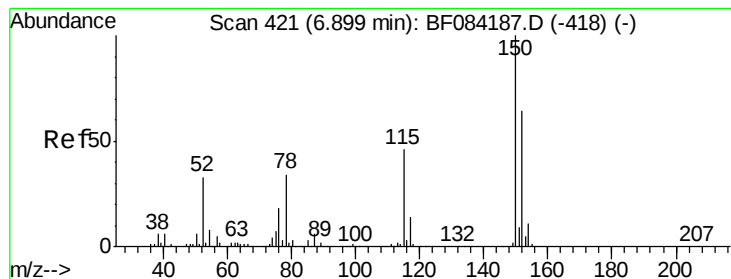
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-19-010516

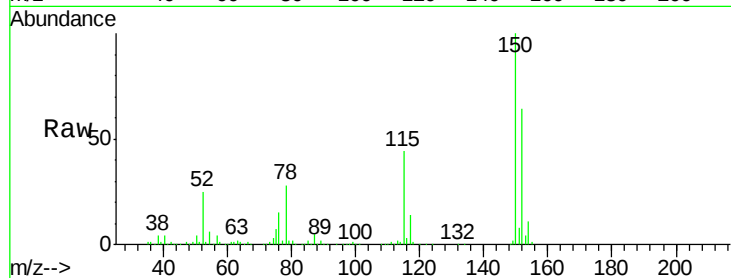
Tot Ion:152 Resp: 294502

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

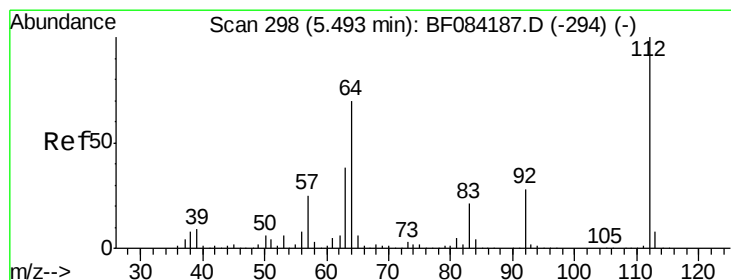
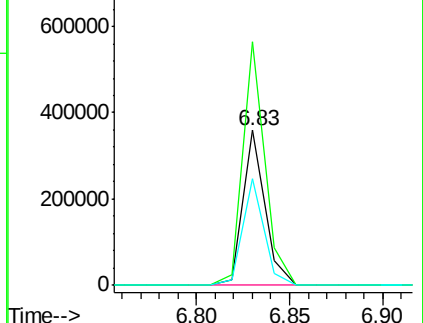
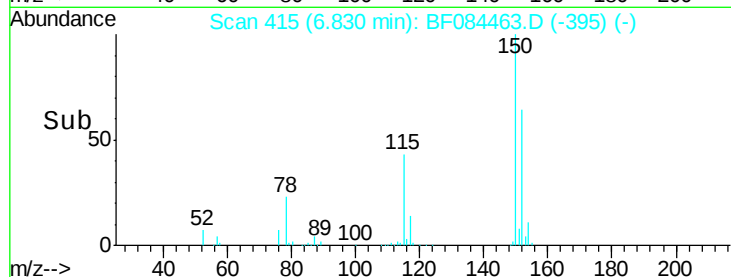
115 68.8 51.4 77.2



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: 117.03 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

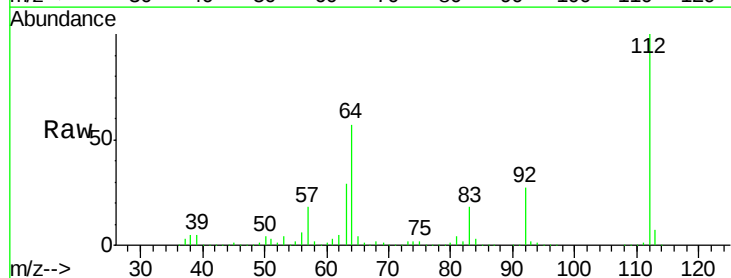
Tgt Ion:112 Resp: 2130864

Ion Ratio Lower Upper

112 100

64 56.8 36.6 55.0#

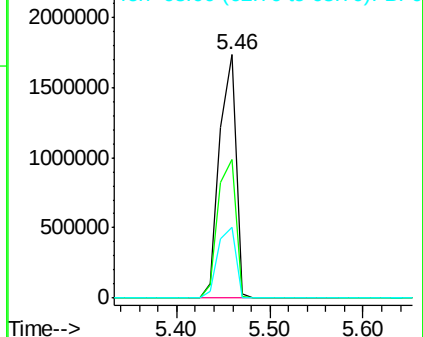
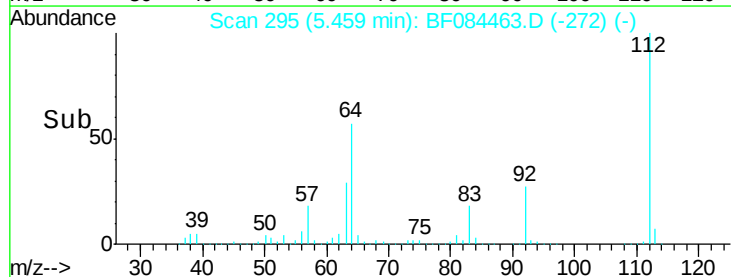
63 29.2 19.4 29.0#

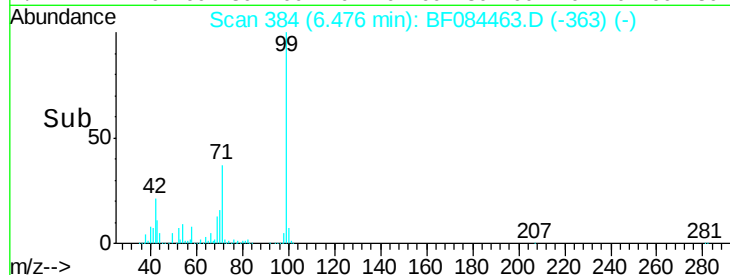
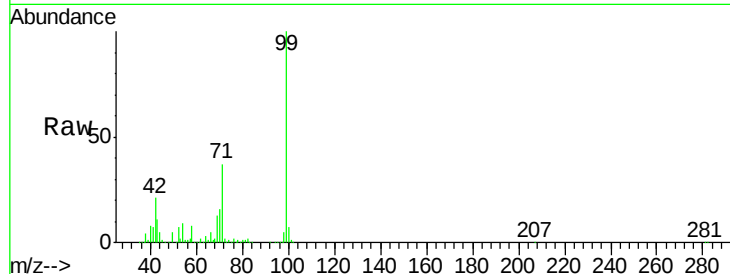
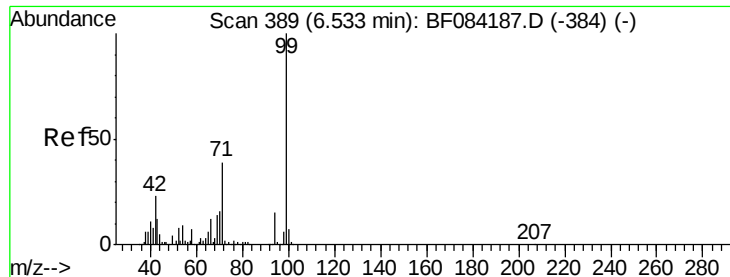


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.30 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-19-010516

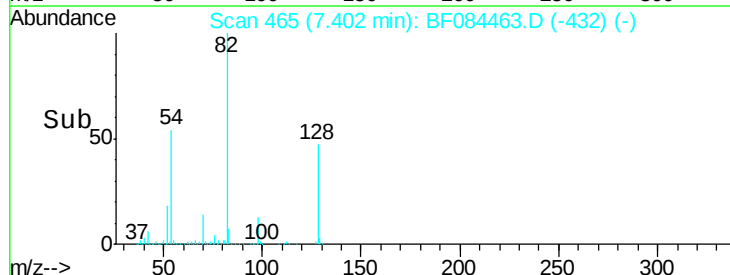
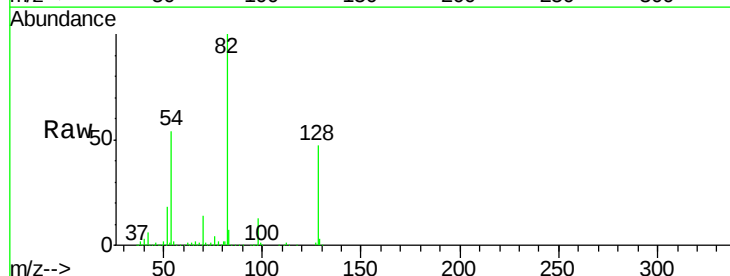
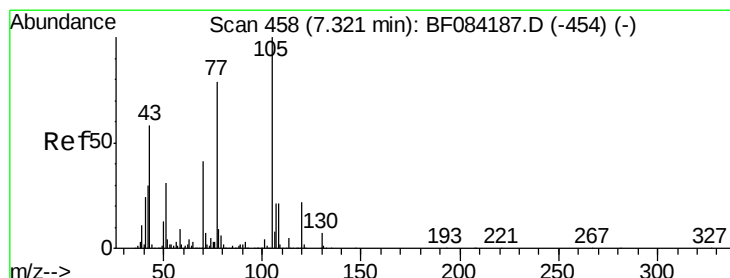
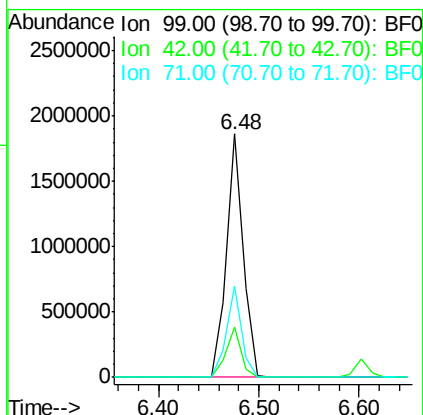
Tot Ion: 99 Resp: 2156406

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 37.3 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.31 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.08 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Tgt Ion: 70 Resp: 267892

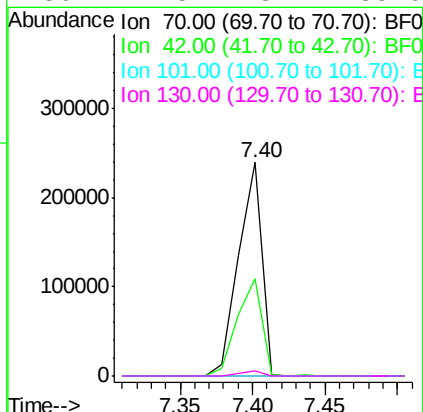
Ion Ratio Lower Upper

70 100

42 45.5 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: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-19-010516

Tot Ion:136 Resp: 1187912

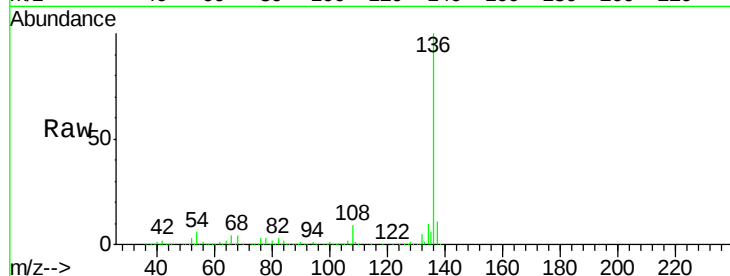
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.2 5.8 8.8

68 4.4 4.2 6.2

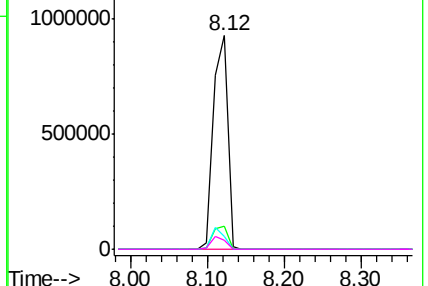
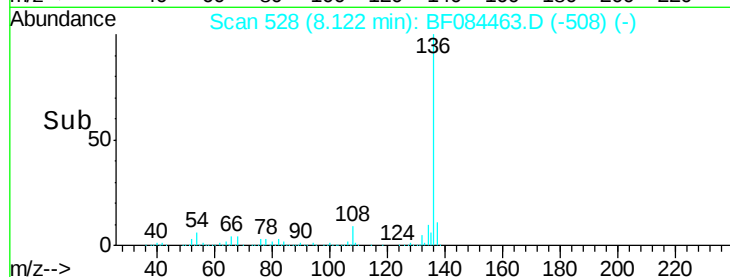


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 89.74 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.07 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

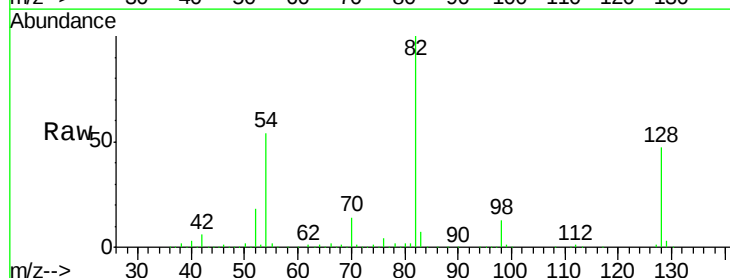
Tgt Ion: 82 Resp: 1915400

Ion Ratio Lower Upper

82 100

128 47.3 34.6 51.8

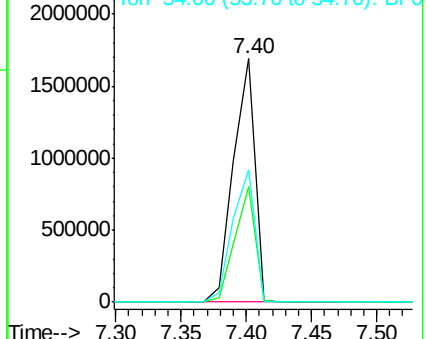
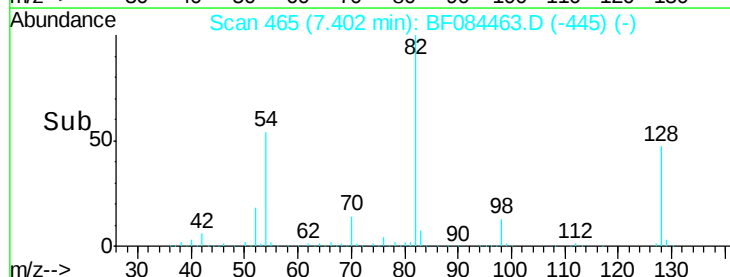
54 54.1 38.4 57.6

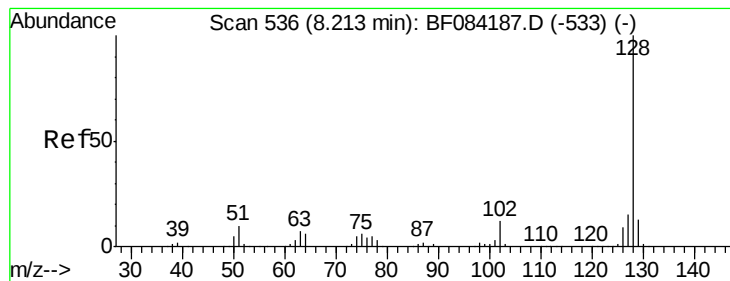


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 6.03 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.08 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-19-010516

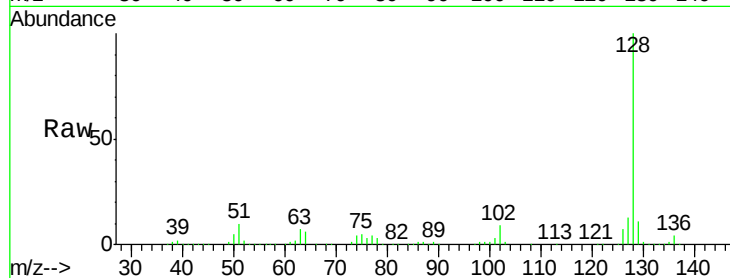
Tot Ion:128 Resp: 324777

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

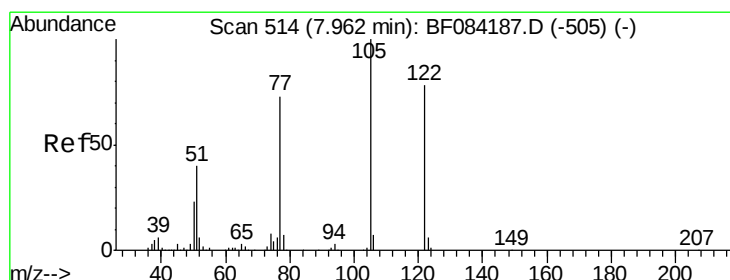
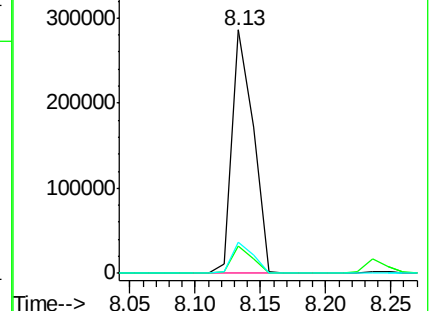
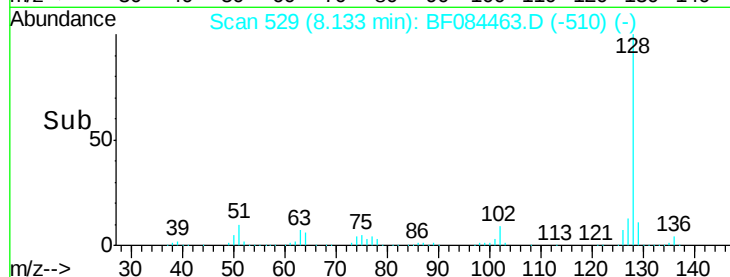
127 12.7 11.1 16.7



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: 6.28 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

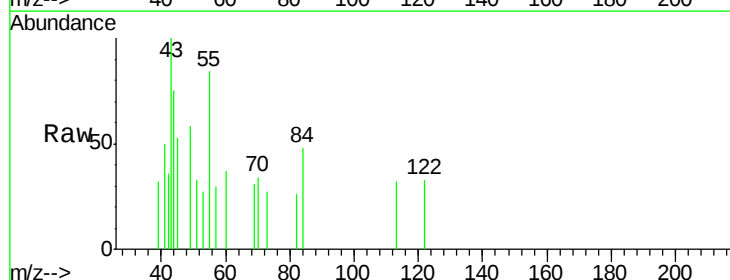
Tgt Ion:122 Resp: 518

Ion Ratio Lower Upper

122 100

105 0.0 100.3 140.3#

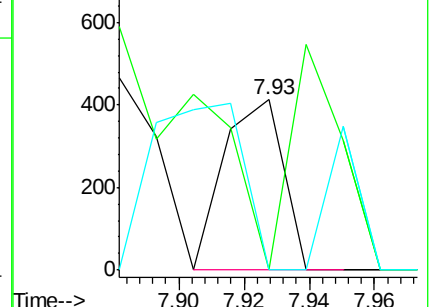
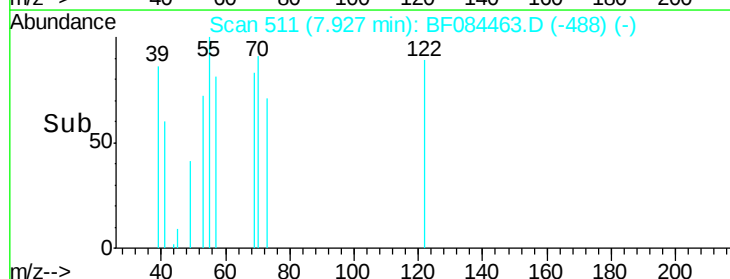
77 0.0 63.5 103.5#

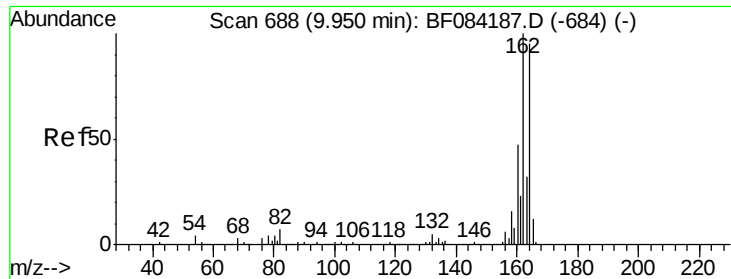


Abundance Ion 122.00 (121.70 to 122.70): E

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: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-19-010516

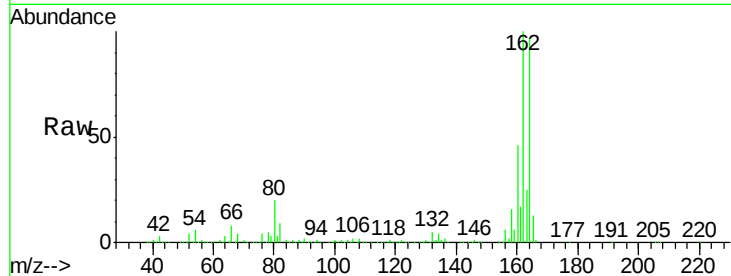
Tot Ion:164 Resp: 580868

Ion Ratio Lower Upper

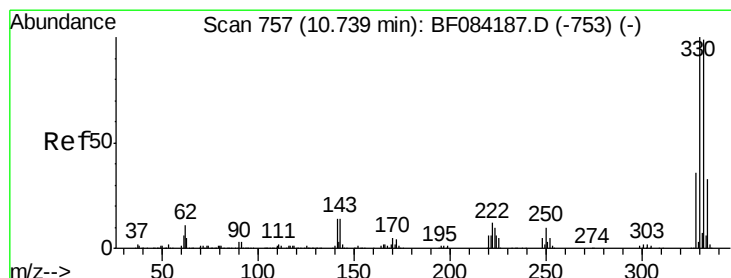
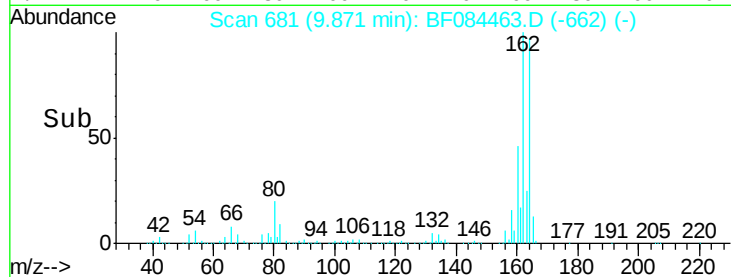
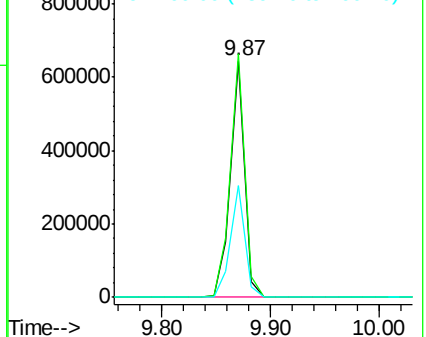
164 100

162 102.9 85.1 127.7

160 47.5 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: 123.91 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.08 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

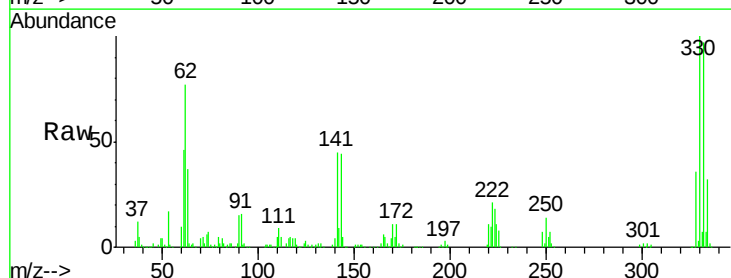
Tgt Ion:330 Resp: 726629

Ion Ratio Lower Upper

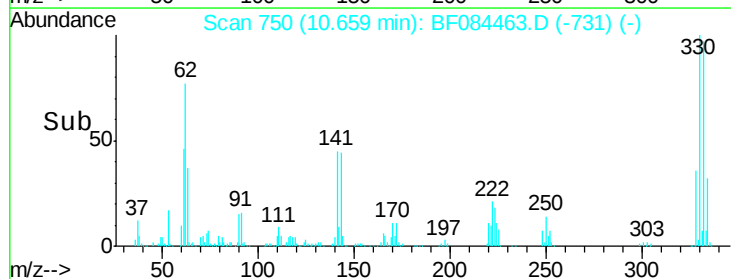
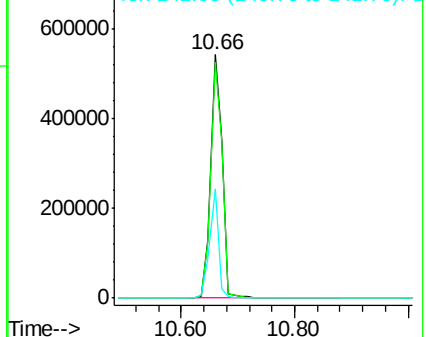
330 100

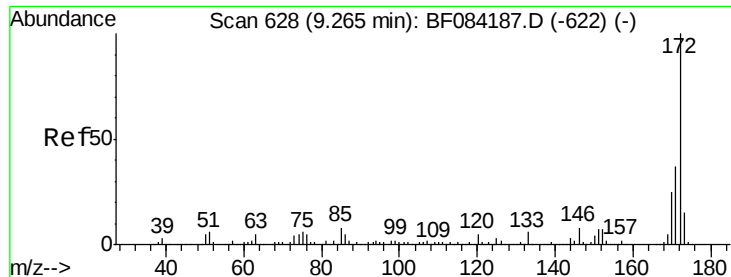
332 97.5 76.6 114.8

141 34.4 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

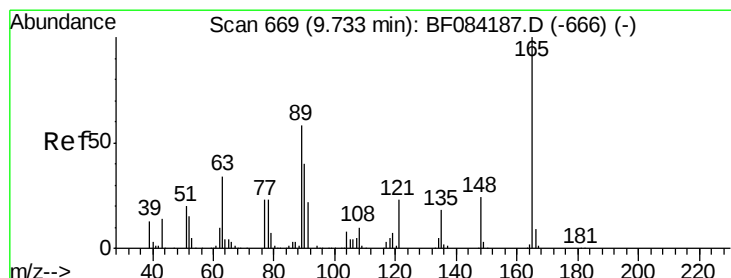
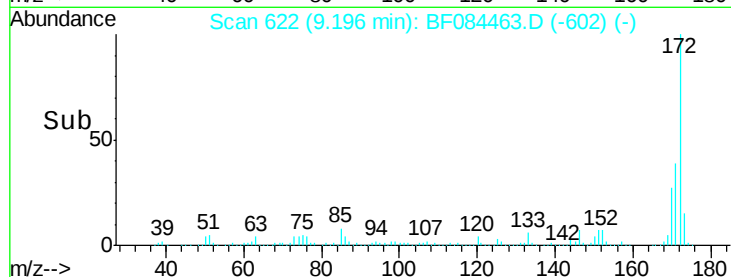
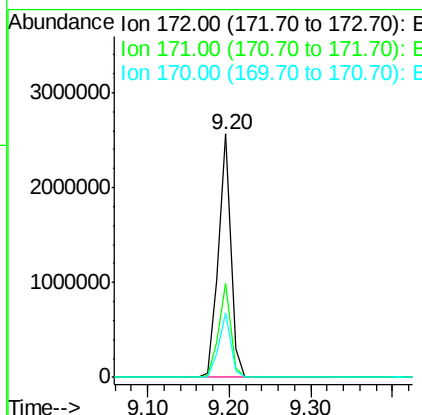
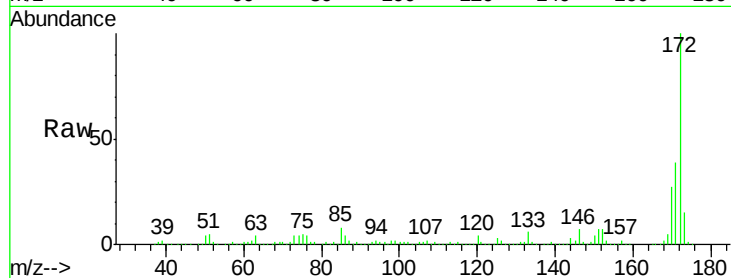




#44
 2-Fluorobiphenyl
 Concen: 81.87 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

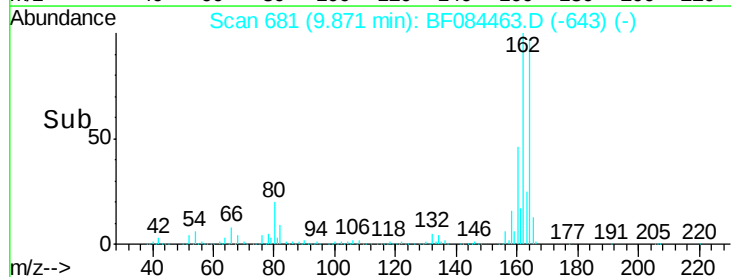
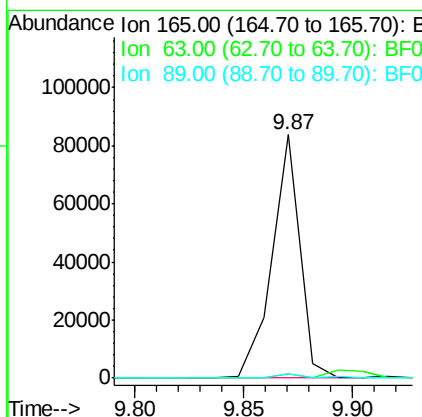
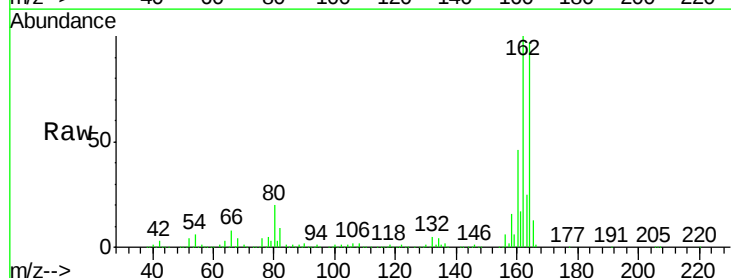
Instrument :
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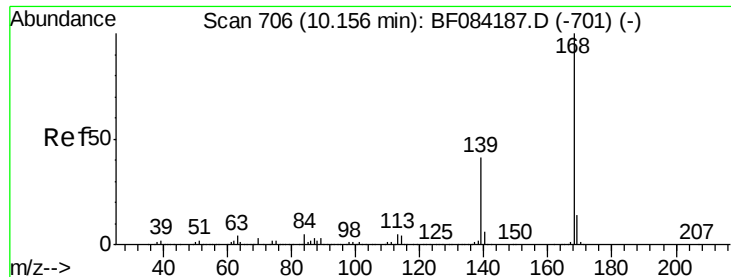
Tot Ion:172 Resp: 2710985
 Ion Ratio Lower Upper
 172 100
 171 38.8 28.9 43.3
 170 26.5 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 8.29 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.14 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

Tgt Ion:165 Resp: 75501
 Ion Ratio Lower Upper
 165 100
 63 1.7 28.8 43.2#
 89 1.6 35.1 52.7#





#54

Dibenzofuran

Concen: Below Cal

RT: 10.08 min Scan# 699

Delta R.T. -0.08 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Instrument :

BNA_F

ClientSampleId :

HSR-WC-19-010516

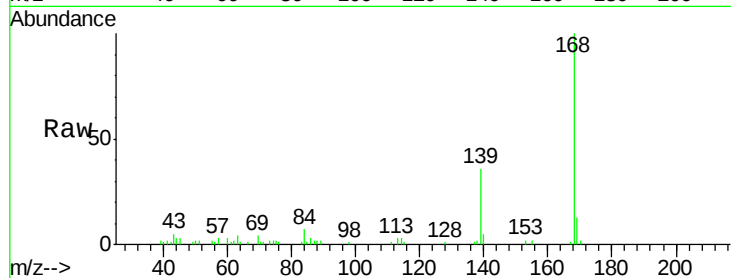
Tot Ion:168 Resp: 33150

Ion Ratio Lower Upper

168 100

139 36.4 30.5 45.7

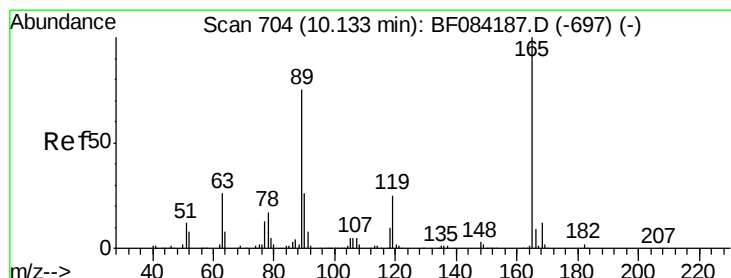
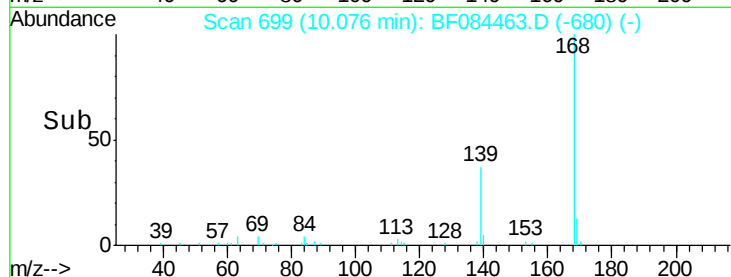
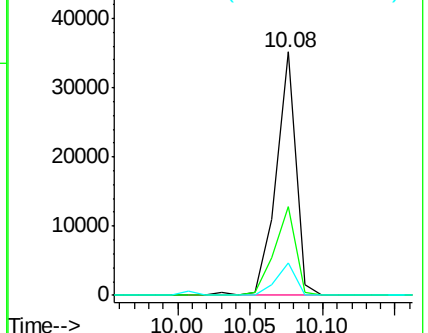
169 13.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 6.55 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.26 min

Lab File: BF084463.D

Acq: 14 Jan 2016 1:19

Tgt Ion:165 Resp: 75506

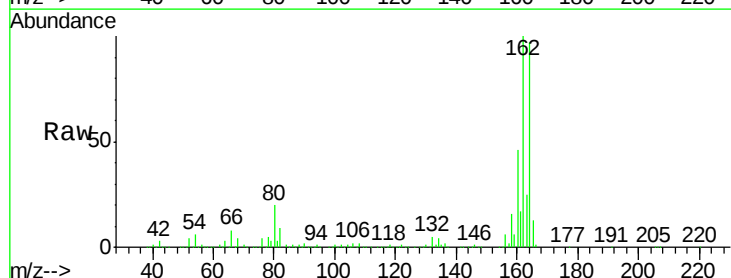
Ion Ratio Lower Upper

165 100

63 1.7 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

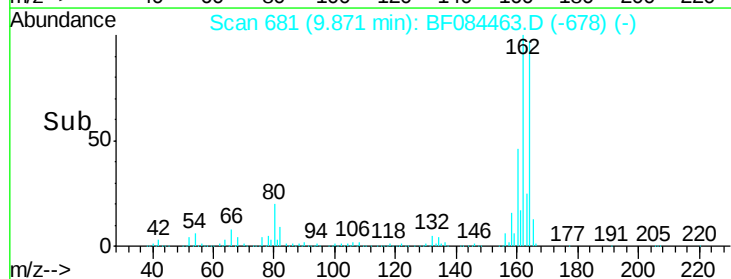
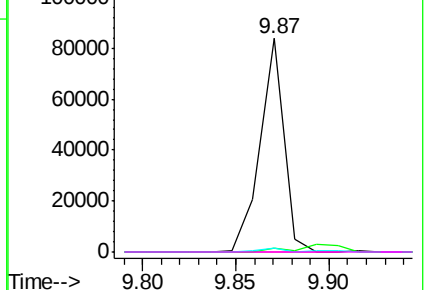


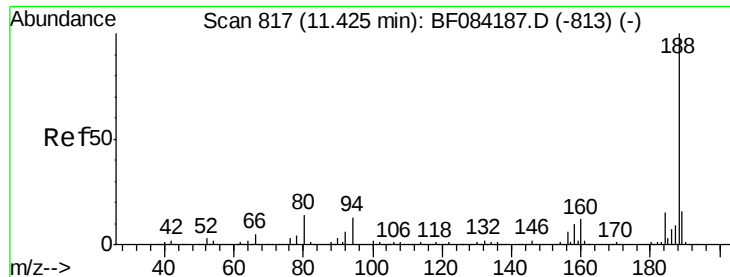
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

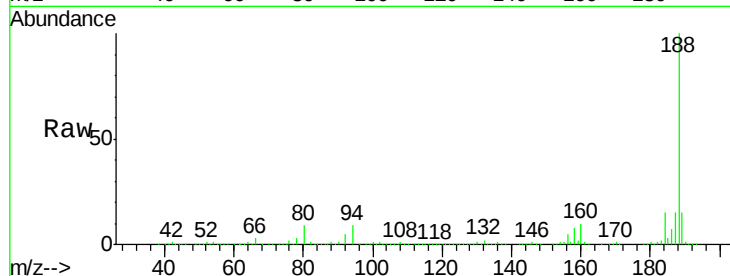




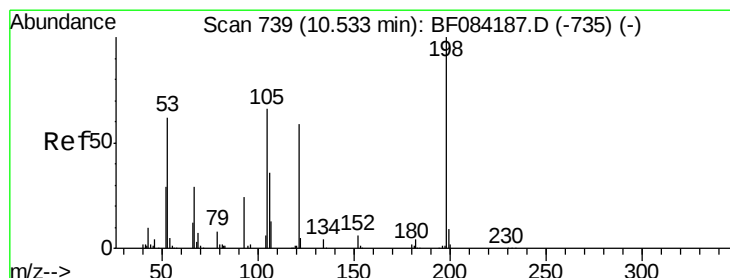
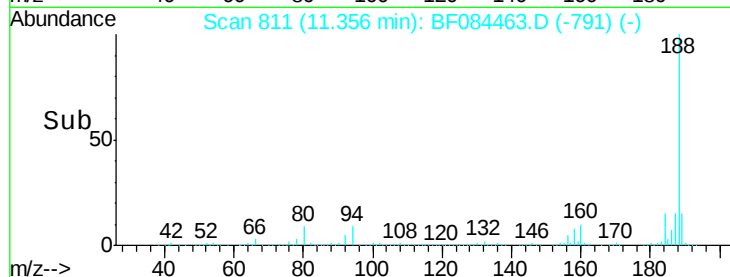
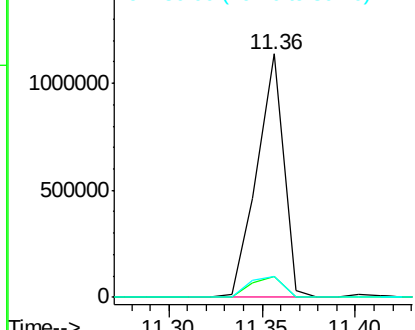
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.07 min
Lab File: BF084463.D
Acq: 14 Jan 2016 1:19

Instrument :
BNA_F
ClientSampleId :
HSR-WC-19-010516

Tot Ion:188 Resp: 1132178
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 8.7 9.6 14.4#

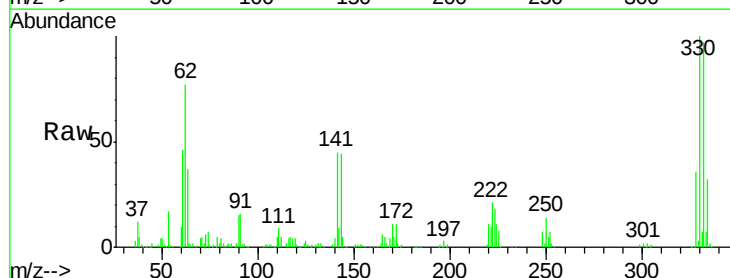


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

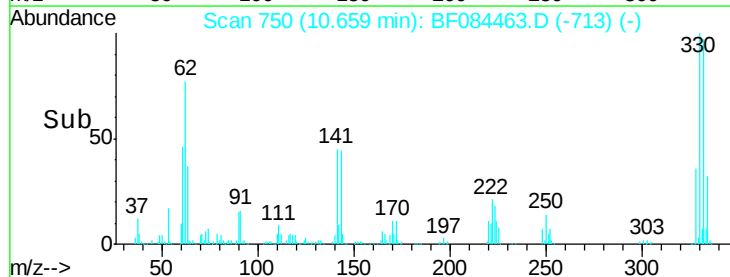
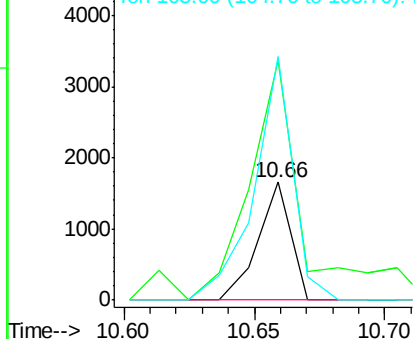


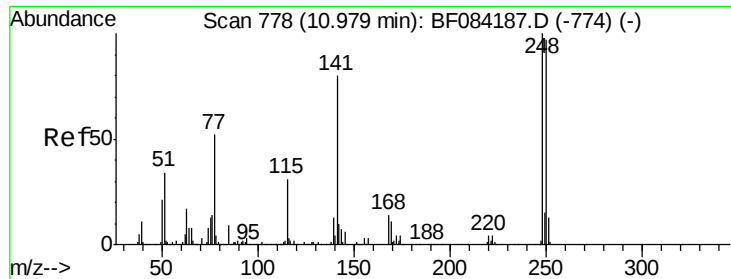
#64
4,6-Dinitro-2-methylphenol
Concen: 6.58 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.13 min
Lab File: BF084463.D
Acq: 14 Jan 2016 1:19

Tgt Ion:198 Resp: 1453
Ion Ratio Lower Upper
198 100
51 203.0 18.9 58.9#
105 206.3 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

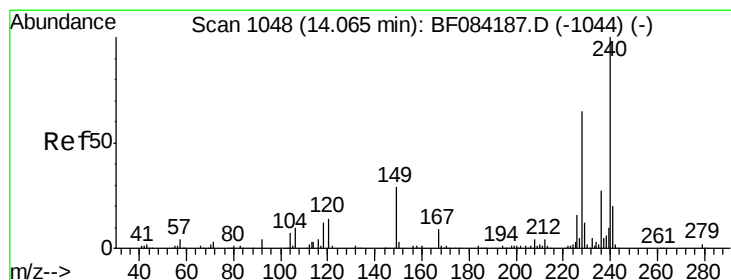
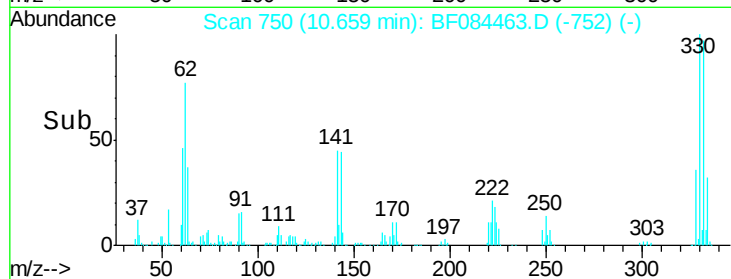
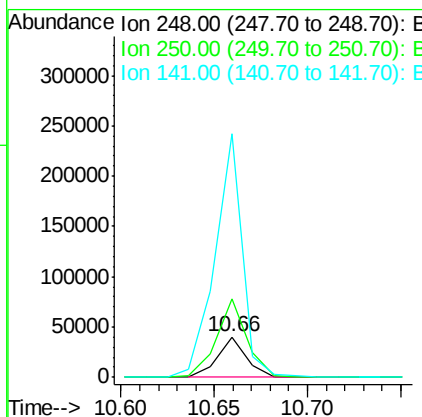
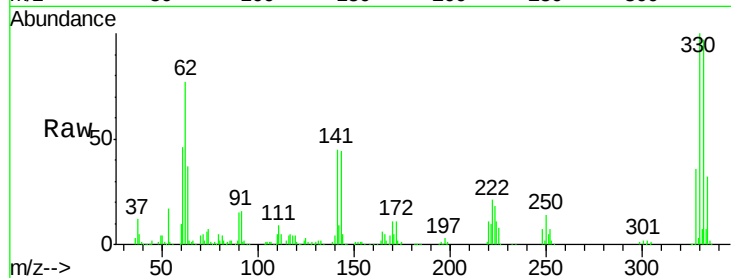




#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.32 min
Lab File: BF084463.D
Acq: 14 Jan 2016 1:19

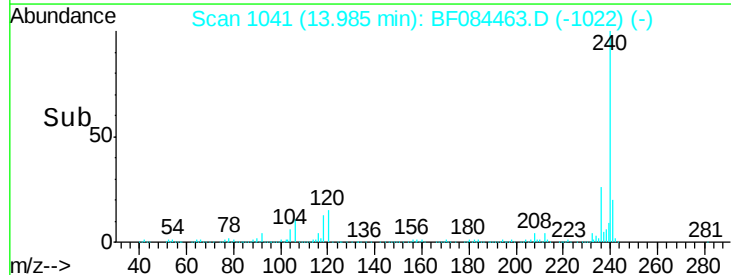
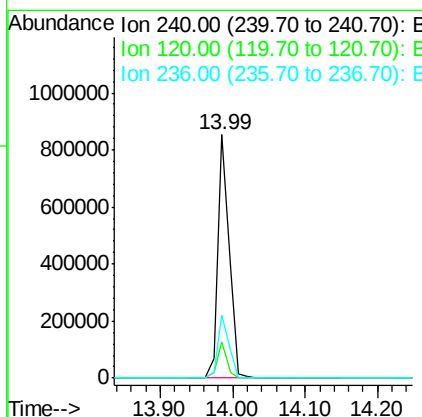
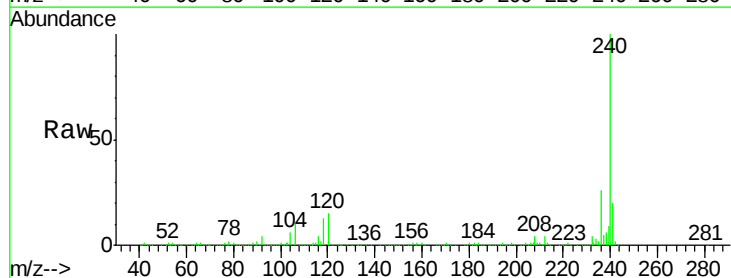
Instrument :
BNA_F
ClientSampleId :
HSR-WC-19-010516

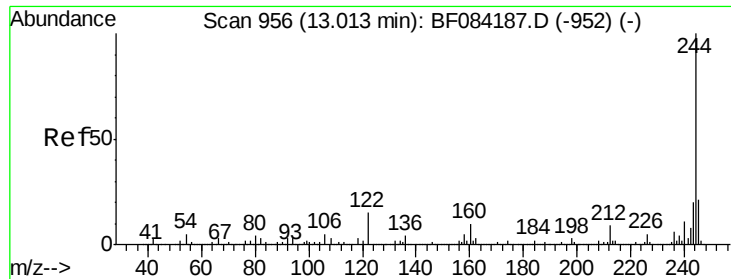
Tot Ion:248 Resp: 43841
Ion Ratio Lower Upper
248 100
250 193.8 78.4 117.6#
141 604.9 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF084463.D
Acq: 14 Jan 2016 1:19

Tgt Ion:240 Resp: 920343
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 25.9 20.6 31.0

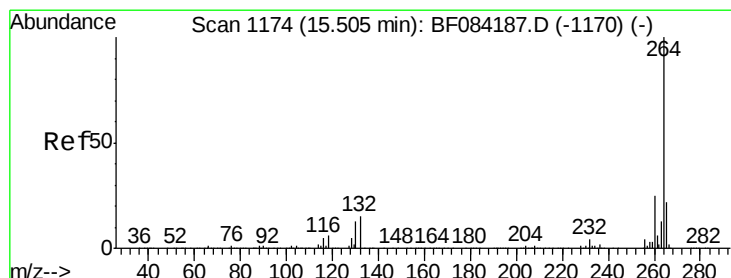
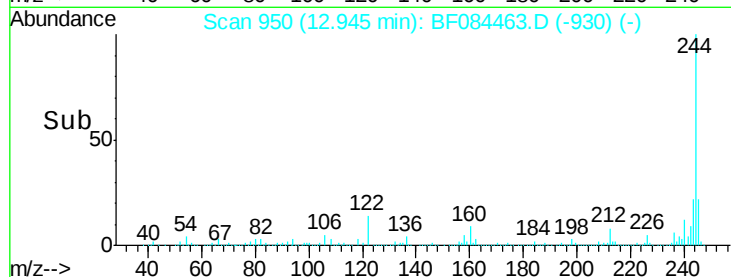
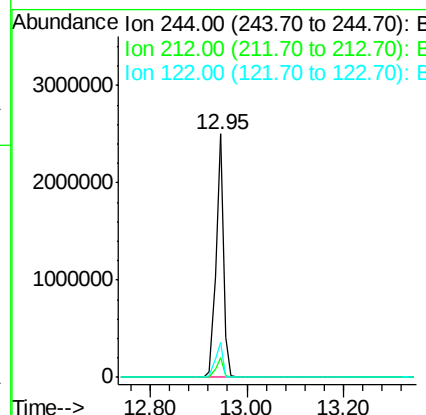
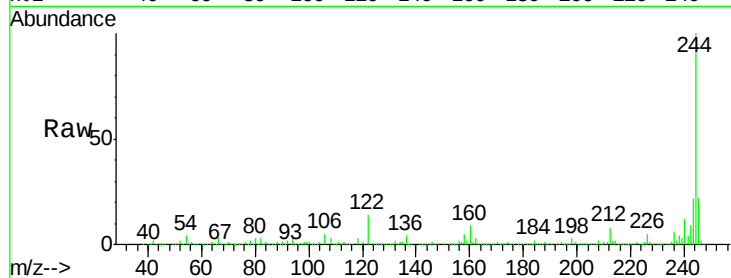




#78
 Terphenyl-d14
 Concen: 67.12 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.07 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-19-010516

Tot Ion:244 Resp: 2767415
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 14.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.10 min
 Lab File: BF084463.D
 Acq: 14 Jan 2016 1:19

Tgt Ion:264 Resp: 662746
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.0 17.8 26.6

