

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086617.D
 Acq On : 2 May 2016 15:03
 Operator : UM/SJ
 Sample : H2716-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-3(0-12FTBGS)

Quant Time: May 03 01:16:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	166402	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	721679	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	357089	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	678815	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	589098	20.00	ng	-0.07
86) Perylene-d12	15.29	264	441911	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1286699	133.38	ng	-0.02
7) Phenol-d6	6.40	99	1585120	117.73	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1098191	82.02	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	489826	130.07	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1900876	95.64	ng	-0.06
78) Terphenyl-d14	12.87	244	2169214	81.12	ng	-0.05

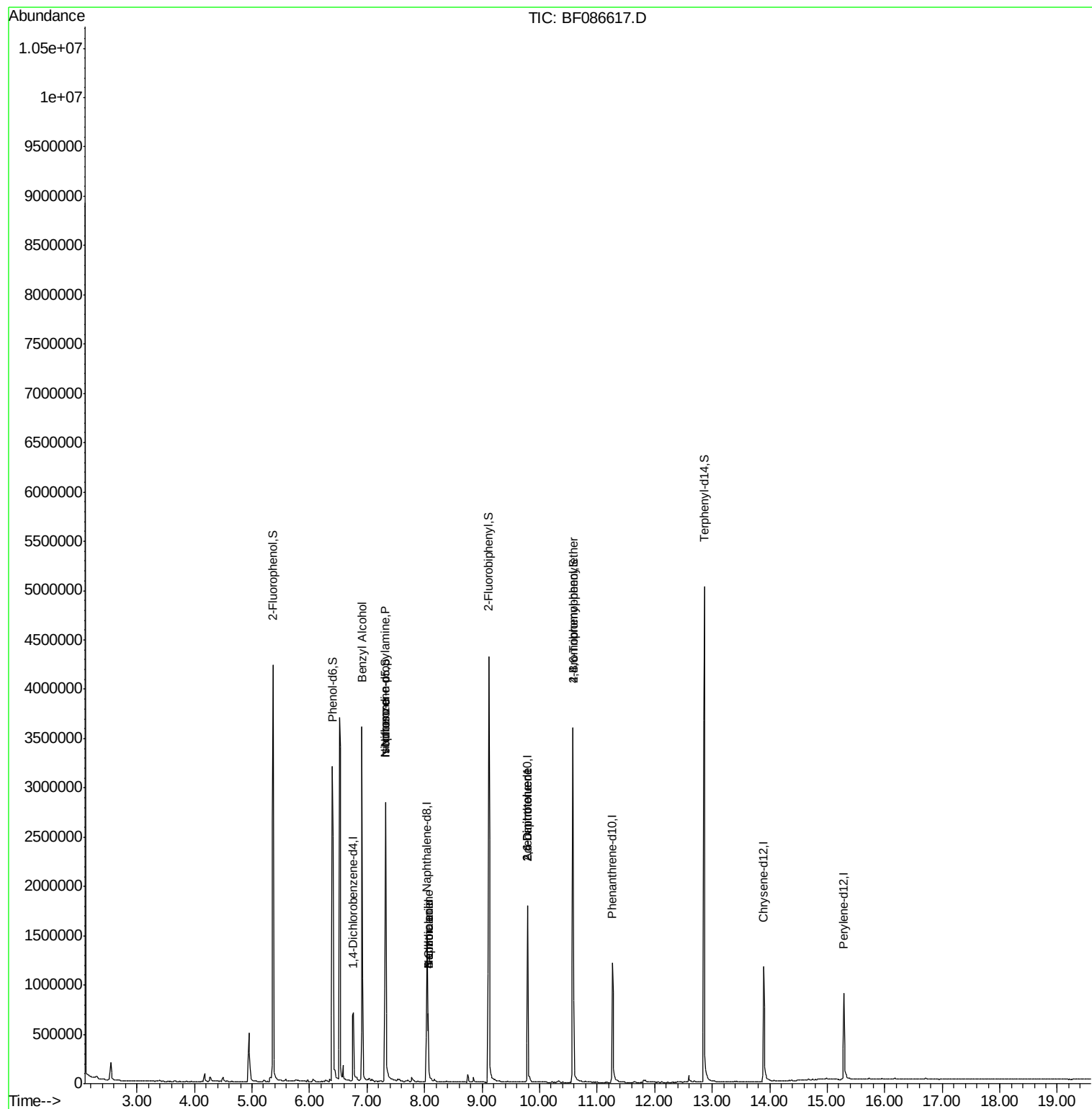
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.91	79	19042	2.24	ng	# 42
19) n-Nitroso-di-n-propylamine	7.32	70	151886	17.07	ng	# 74
25) Isophorone	7.32	82	839814	32.59	ng	# 68
31) Naphthalene	8.06	128	388430	10.58	ng	99
32) Benzoic acid	8.06	122	878	8.89	ng	# 1
33) 4-Chloroaniline	8.06	127	49339	3.59	ng	# 34
50) 2,6-Dinitrotoluene	9.79	165	45468	8.19	ng	# 20
56) 2,4-Dinitrotoluene	9.79	165	45881	6.48	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	28252	4.04	ng	# 1

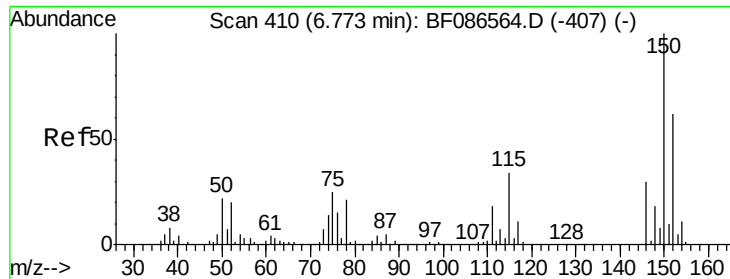
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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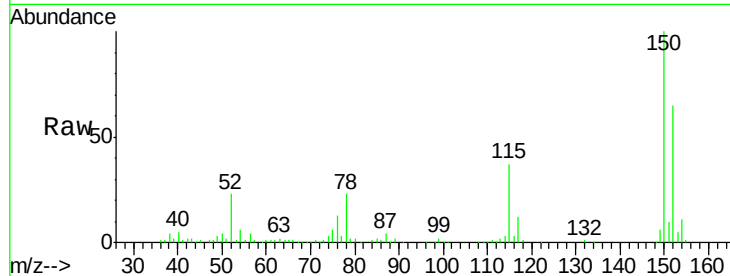




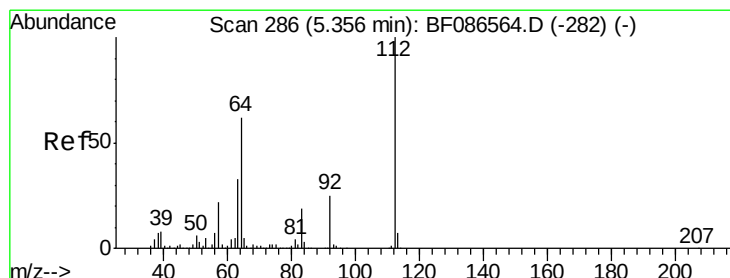
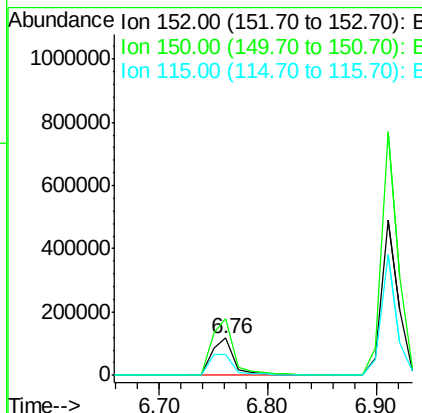
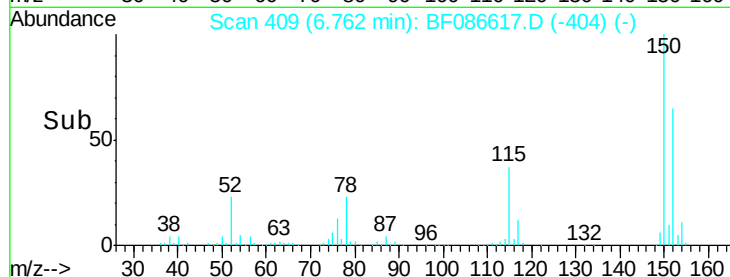
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086617.D
 Acq: 2 May 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-3(0-12FTBGS)

Tgt Ion:152 Resp: 166402
 Ion Ratio Lower Upper
 152 100
 150 152.7 125.8 188.6
 115 56.4 51.5 77.3

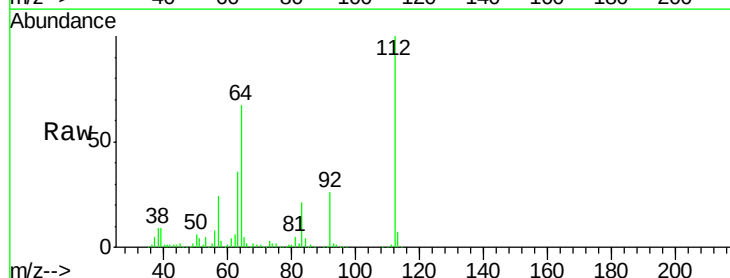


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

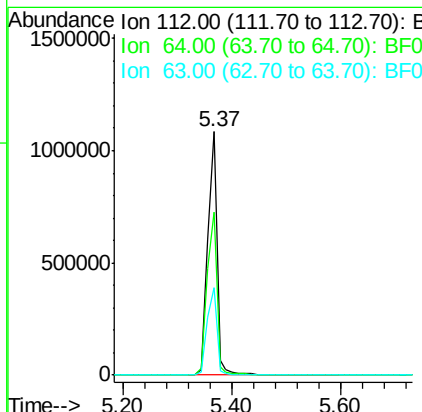
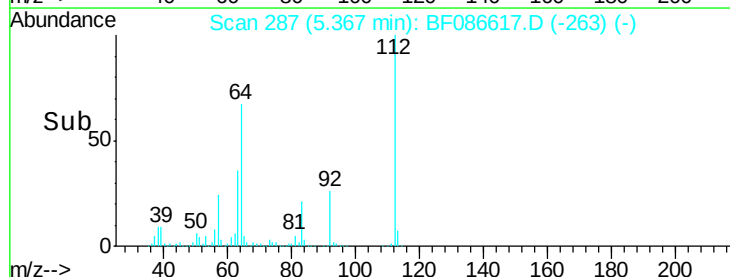


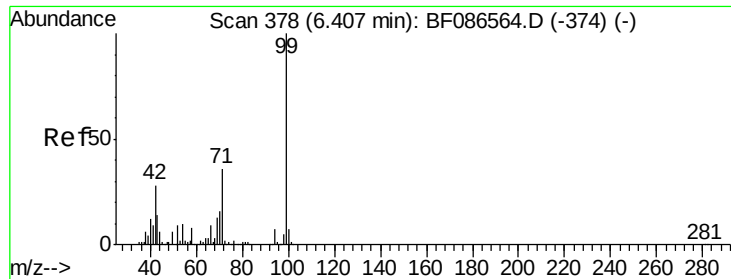
#5
 2-Fluorophenol
 Concen: 133.38 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF086617.D
 Acq: 2 May 2016 15:03

Tgt Ion:112 Resp: 1286699
 Ion Ratio Lower Upper
 112 100
 64 66.9 52.1 78.1
 63 36.1 25.7 38.5



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: 117.73 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086617.D

Acq: 2 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-3(0-12FTBGS)

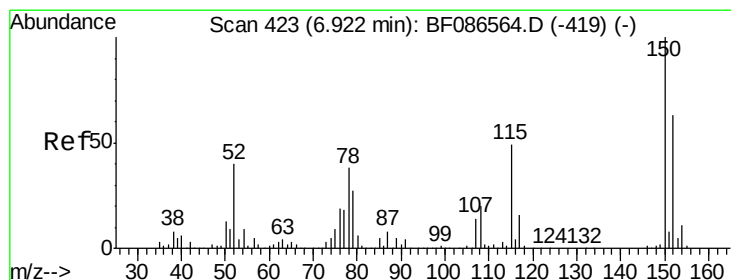
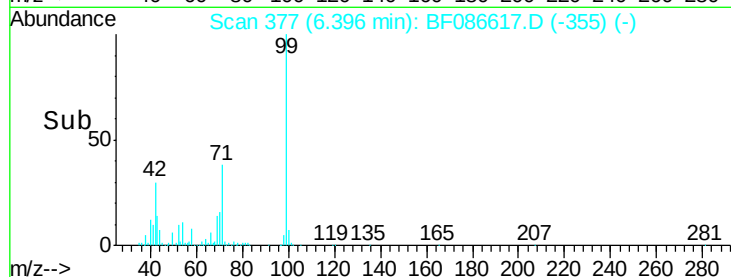
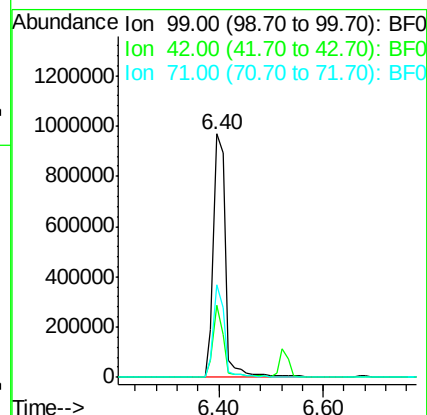
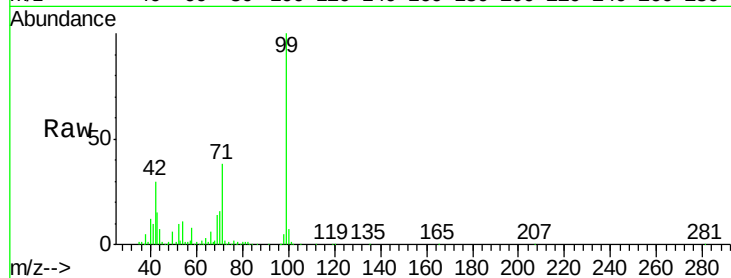
Tgt Ion: 99 Resp: 1585120

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

71 38.2 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086617.D

Acq: 2 May 2016 15:03

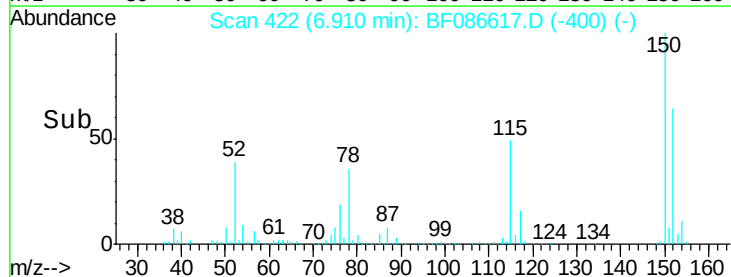
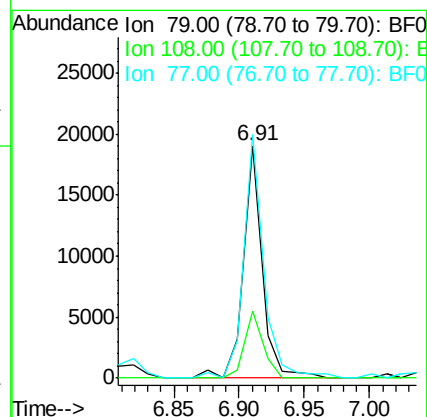
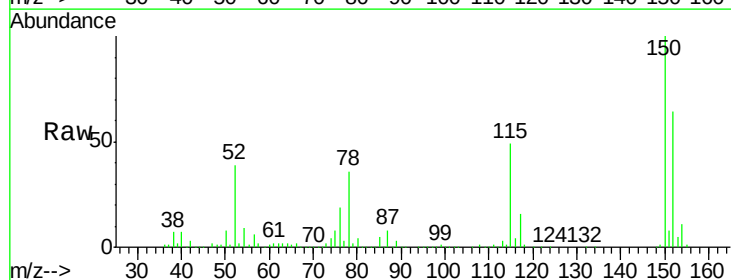
Tgt Ion: 79 Resp: 19042

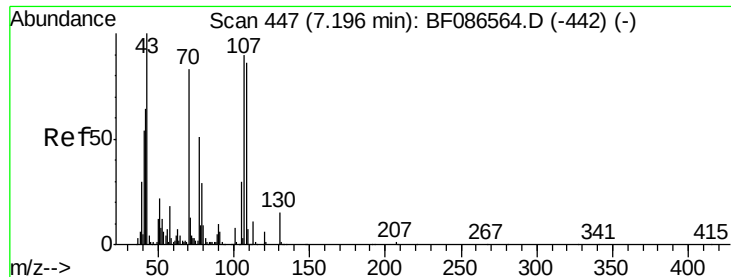
Ion Ratio Lower Upper

79 100

108 29.0 68.4 102.6#

77 104.6 50.6 76.0#

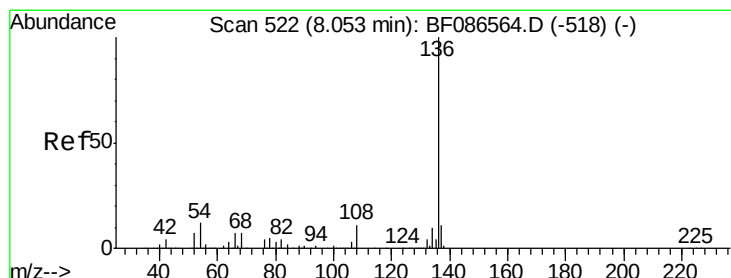
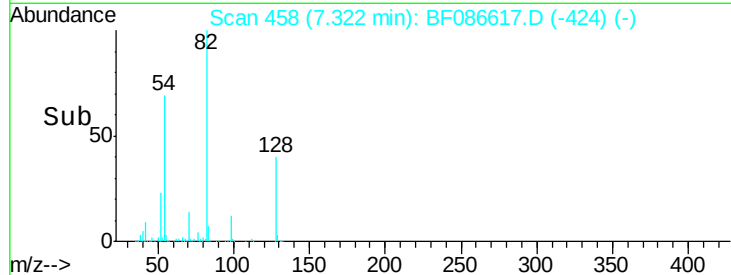
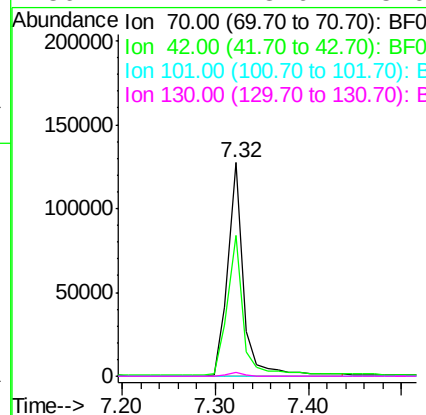
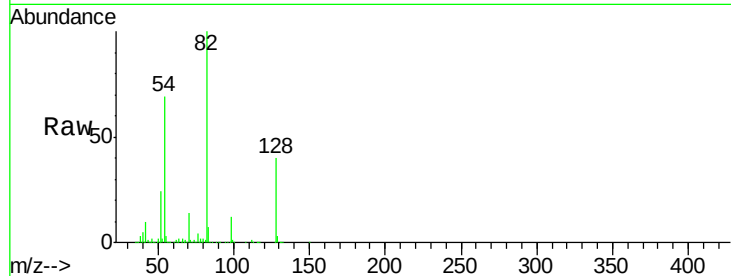




#19
n-Nitroso-di-n-propylamine
Concen: 17.07 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

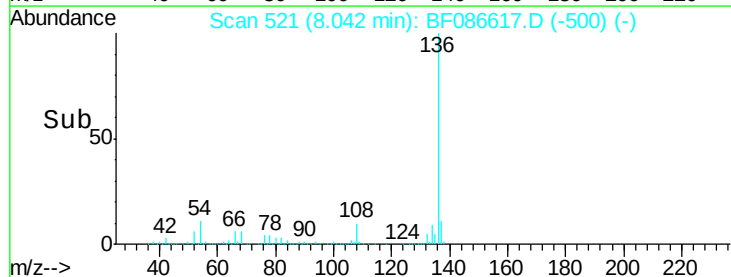
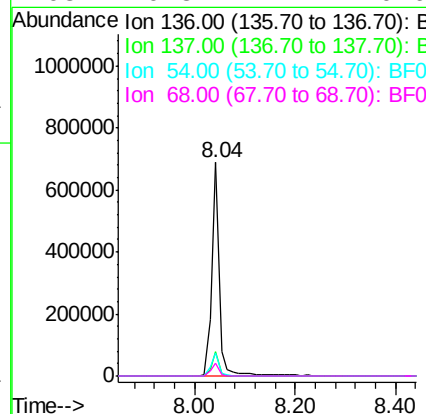
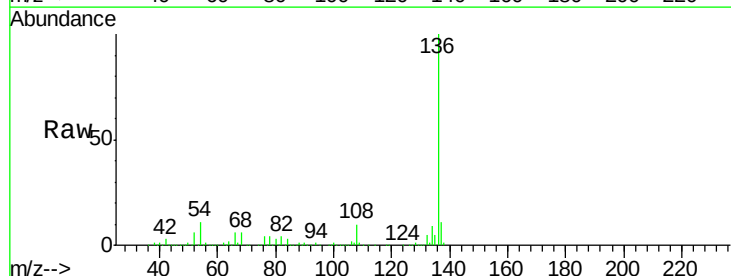
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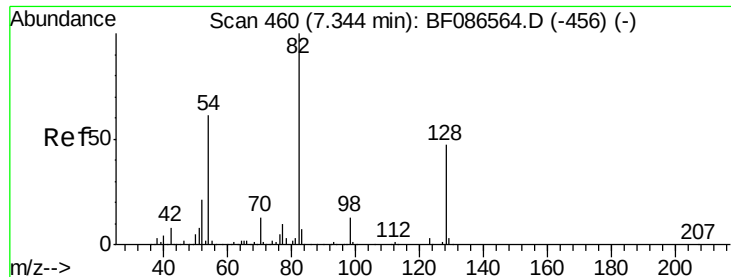
Tgt Ion:	70	Resp:	151886
Ion	Ratio	Lower	Upper
70	100		
42	66.2	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

Tgt Ion:	136	Resp:	721679
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.8	5.0	7.4#
68	6.3	4.4	6.6

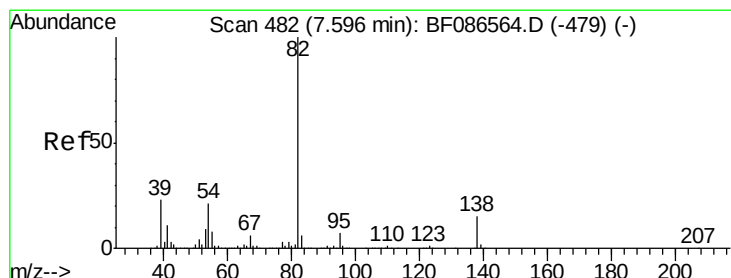
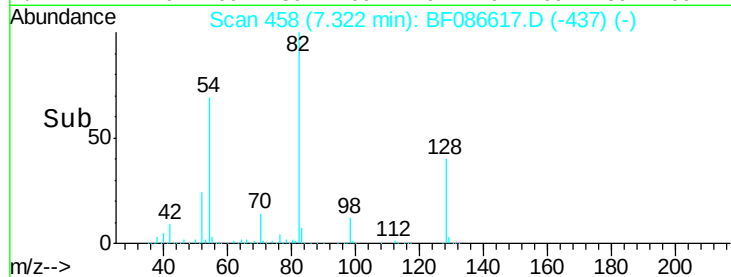
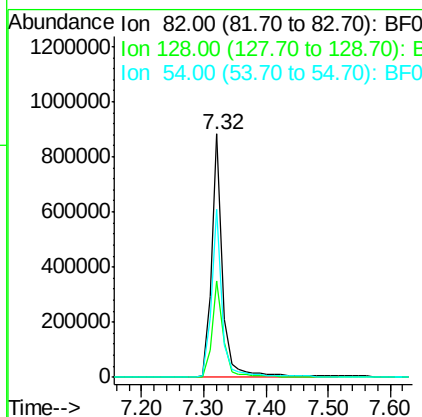
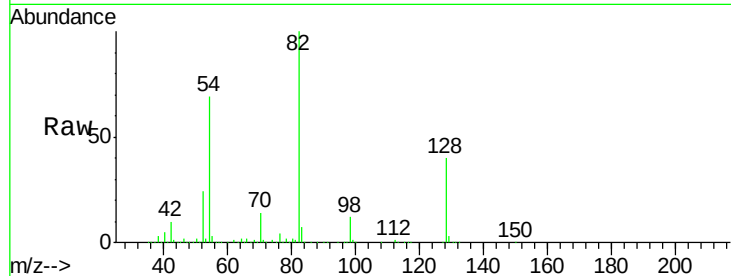




#23
 Nitrobenzene-d5
 Concen: 82.02 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086617.D
 Acq: 2 May 2016 15:03

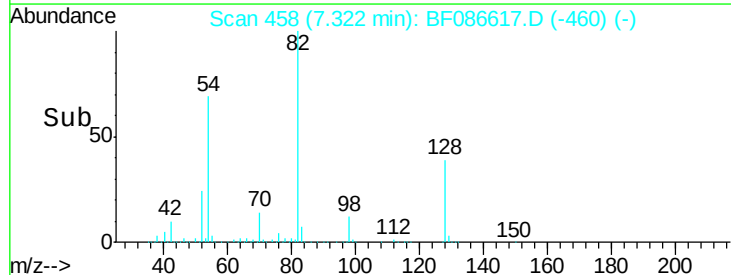
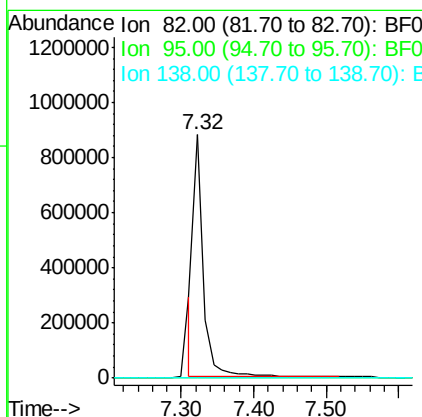
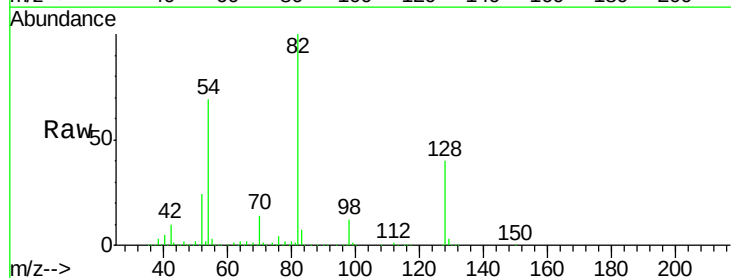
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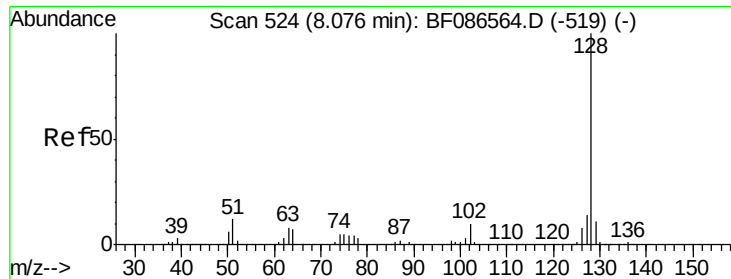
Tgt Ion: 82 Resp: 1098191
 Ion Ratio Lower Upper
 82 100
 128 39.6 40.6 61.0#
 54 69.2 38.1 57.1#



#25
 Isophorone
 Concen: 32.59 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.32 min
 Lab File: BF086617.D
 Acq: 2 May 2016 15:03

Tgt Ion: 82 Resp: 839814
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

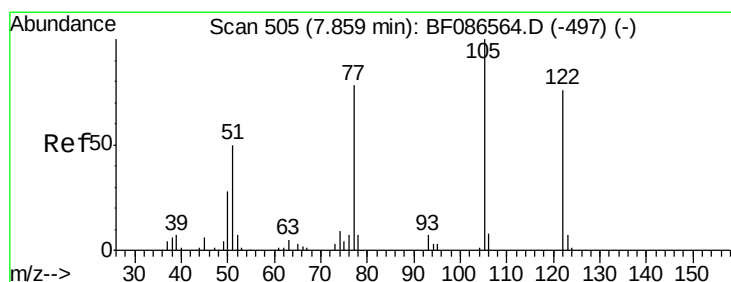
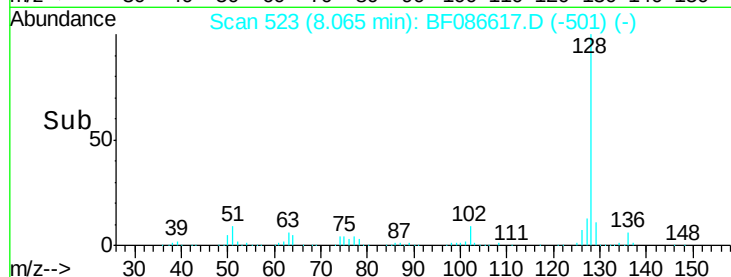
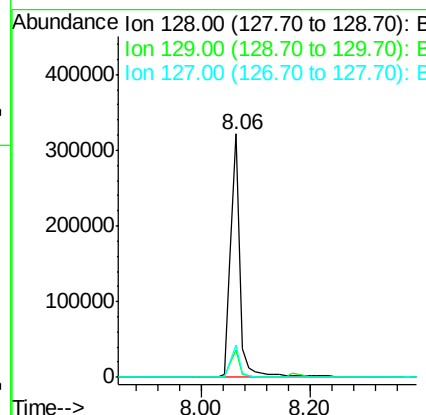
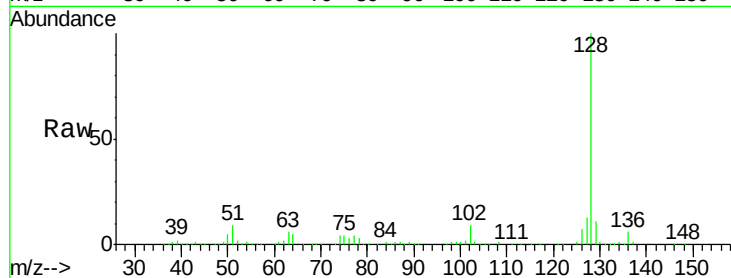




#31
Naphthalene
Concen: 10.58 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

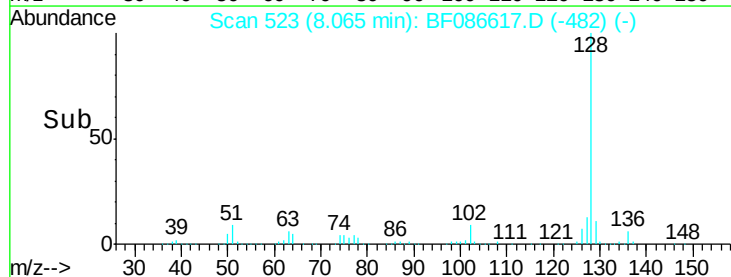
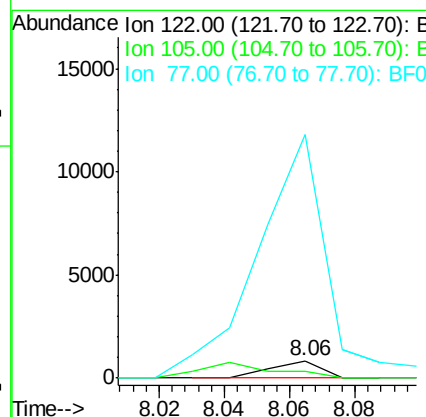
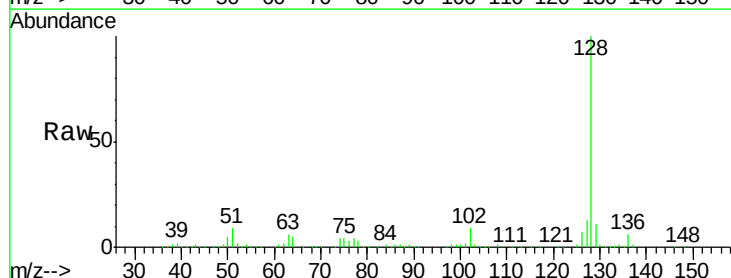
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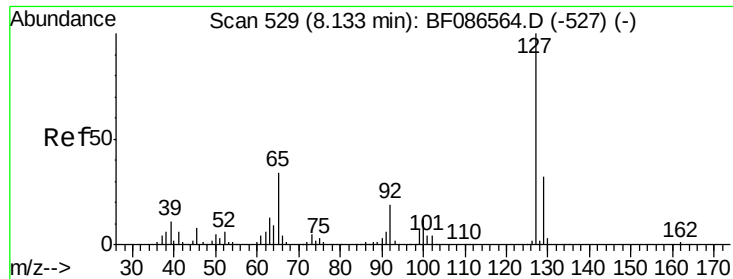
Tgt Ion:128 Resp: 388430
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 8.89 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.17 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

Tgt Ion:122 Resp: 878
Ion Ratio Lower Upper
122 100
105 40.9 92.6 132.6#
77 1415.0 60.0 100.0#

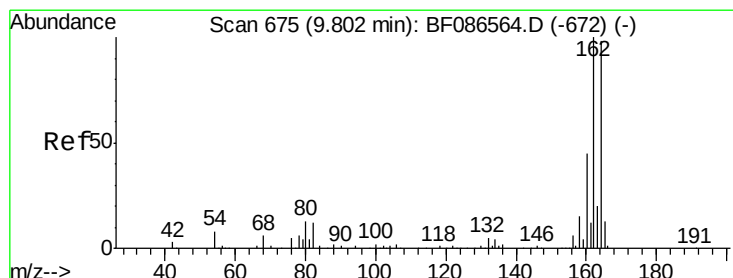
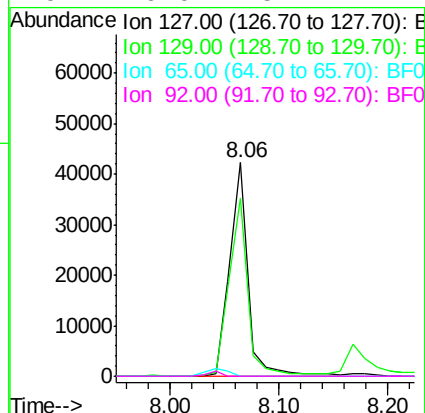
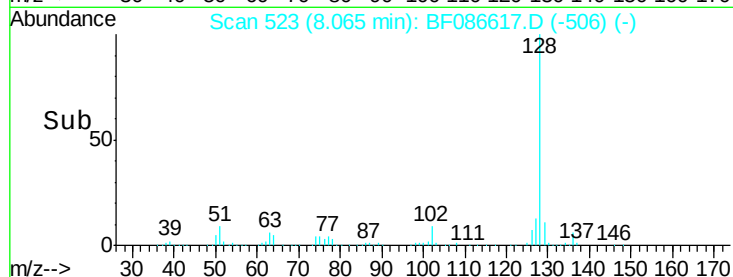
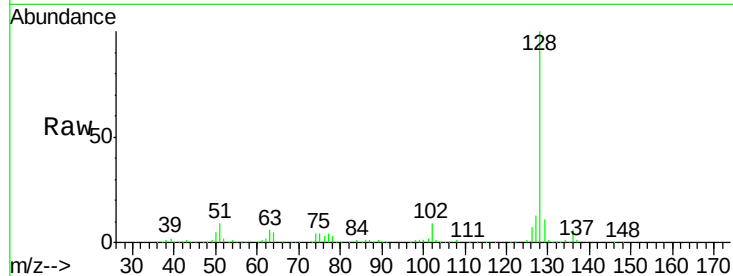




#33
4-Chloroaniline
Concen: 3.59 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

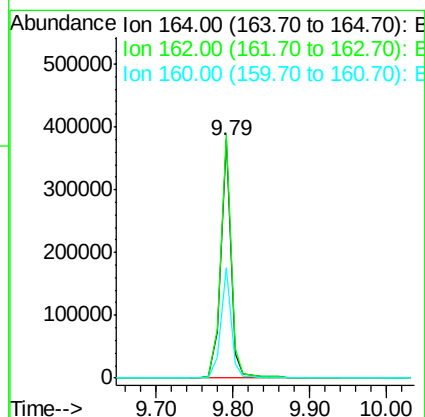
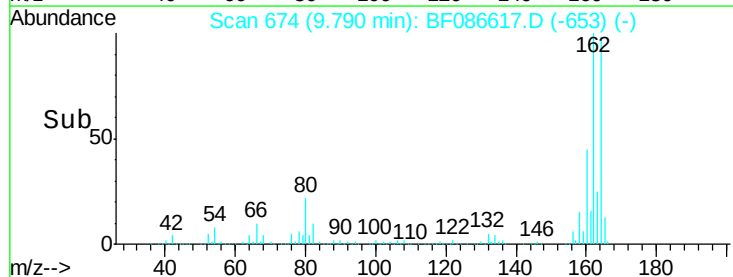
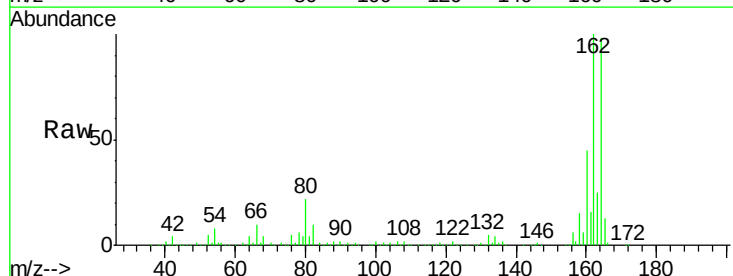
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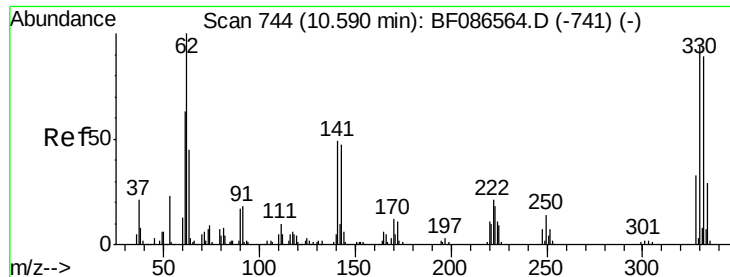
Tgt Ion:	127	Resp:	49339
Ion	Ratio	Lower	Upper
127	100		
129	83.4	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

Tgt Ion:	164	Resp:	357089
Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.3	36.9	55.3

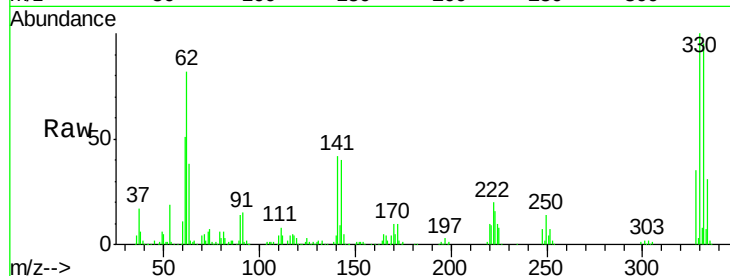




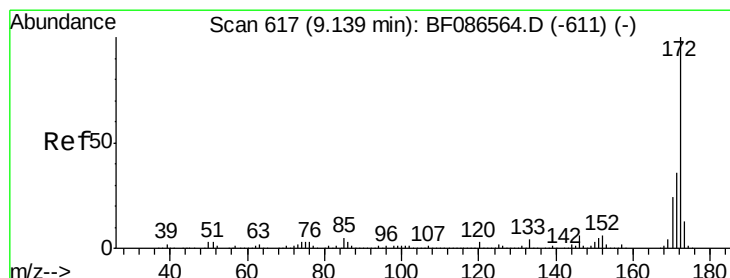
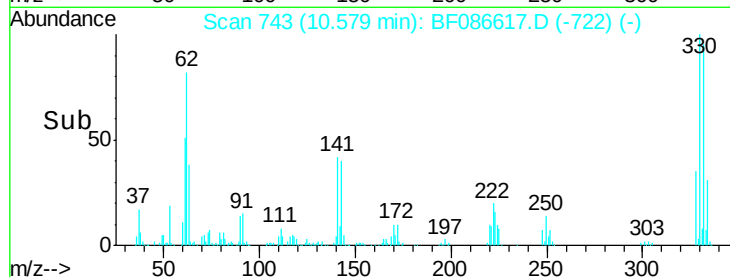
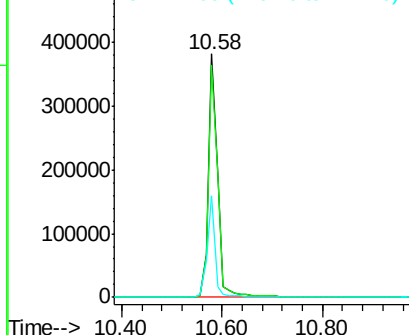
#41
 2,4,6-Tribromophenol
 Concen: 130.07 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086617.D
 Acq: 2 May 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 489826
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.0 118.4
 141 36.2 31.2 46.8

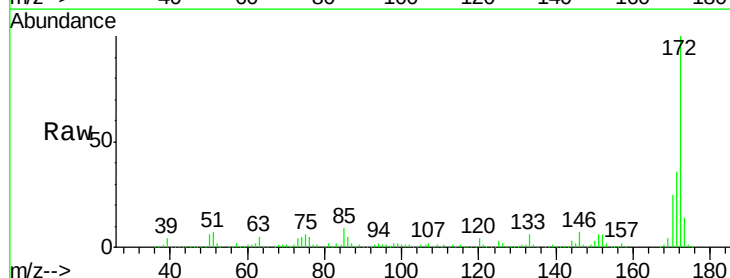


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

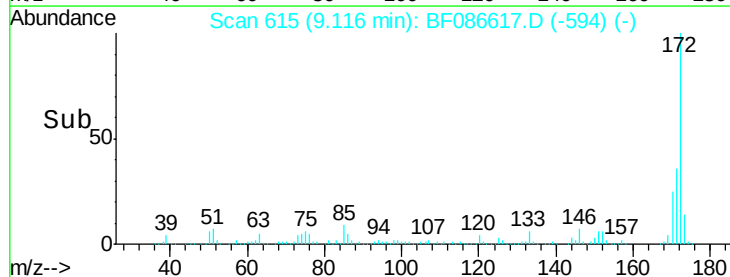
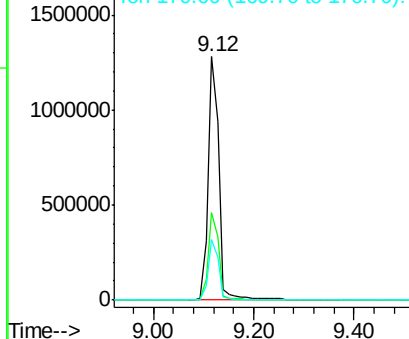


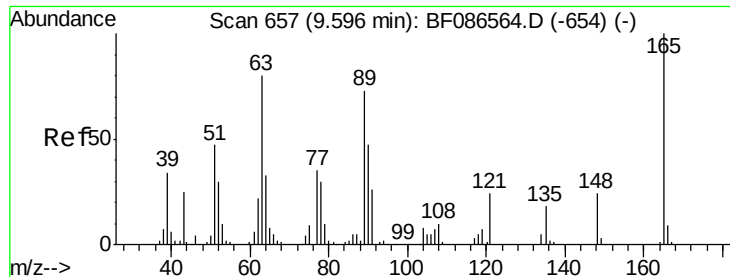
#44
 2-Fluorobiphenyl
 Concen: 95.64 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086617.D
 Acq: 2 May 2016 15:03

Tgt Ion:172 Resp: 1900876
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.7 19.8 29.8



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

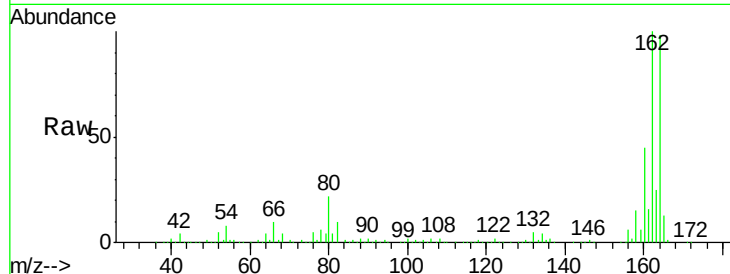




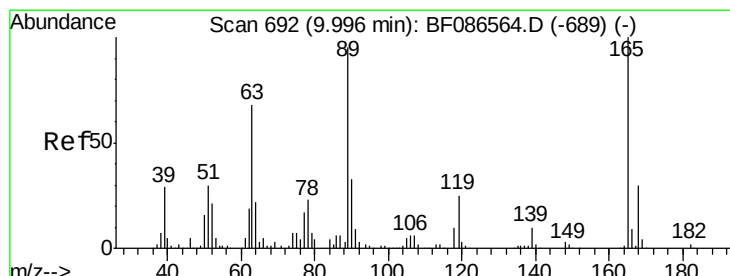
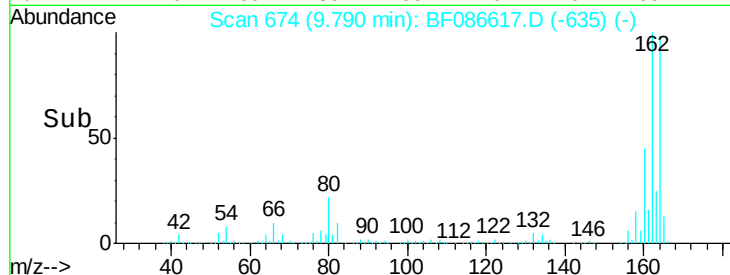
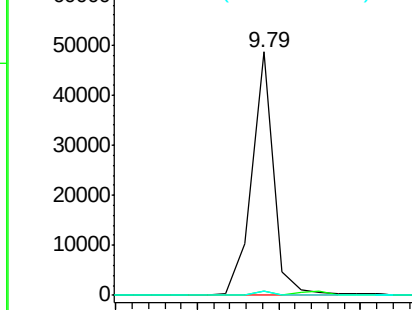
#50
2,6-Dinitrotoluene
Concen: 8.19 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.15 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-3(0-12FTBGS)

Tgt Ion:165 Resp: 45468
Ion Ratio Lower Upper
165 100
63 1.8 51.8 77.8#
89 1.7 50.7 76.1#

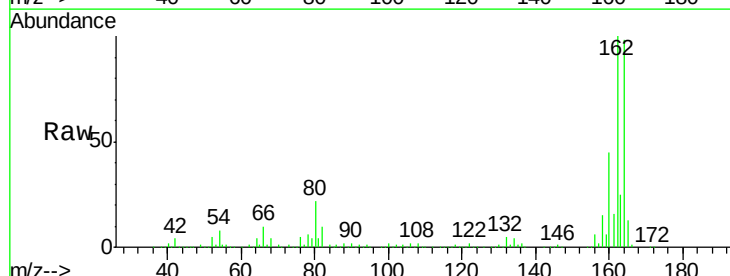


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

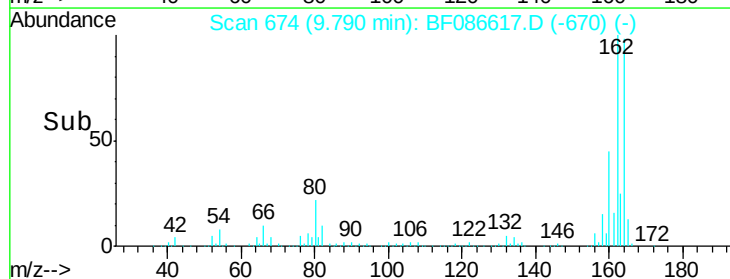
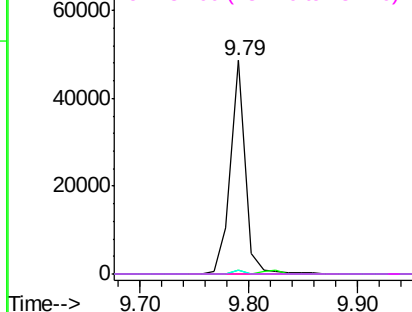


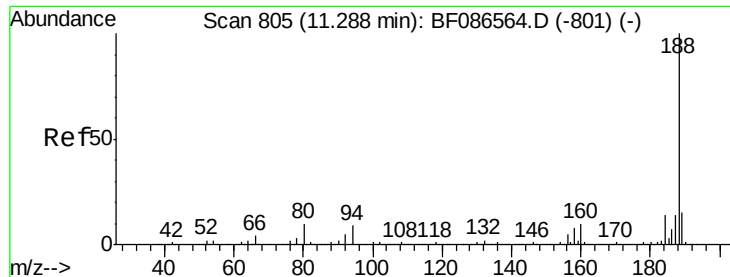
#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

Tgt Ion:165 Resp: 45881
Ion Ratio Lower Upper
165 100
63 1.8 44.3 66.5#
89 1.7 70.0 105.0#
182 0.0 1.8 2.6#



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

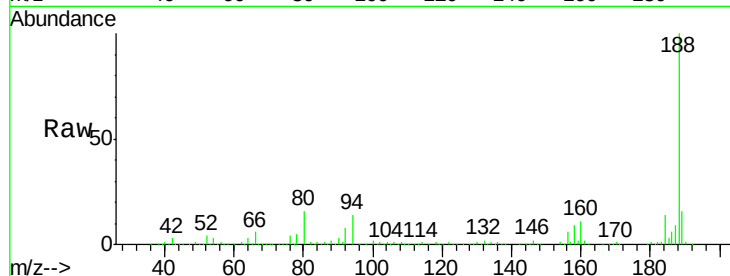




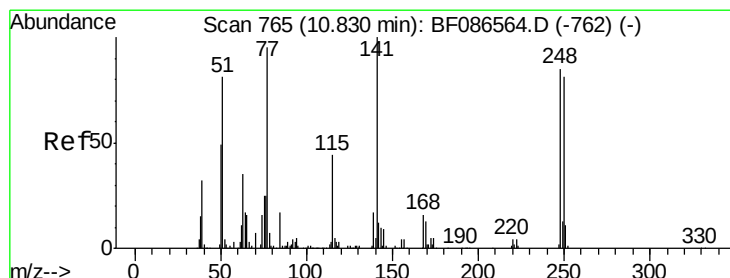
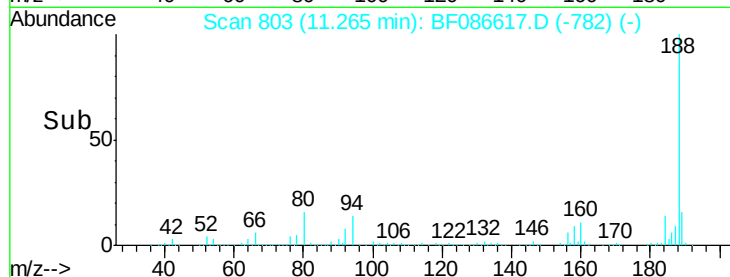
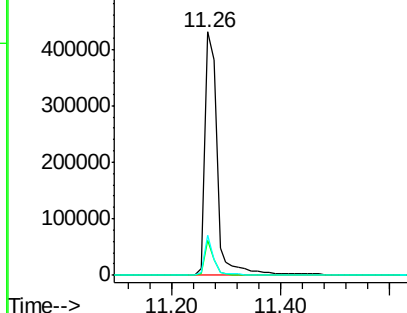
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-3(0-12FTBGS)

Tgt Ion:188 Resp: 678815
Ion Ratio Lower Upper
188 100
94 14.5 6.8 10.2#
80 16.2 7.1 10.7#

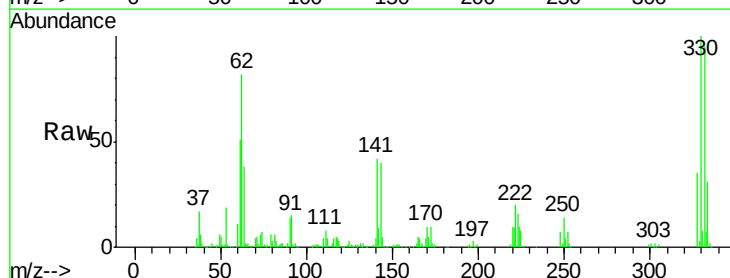


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

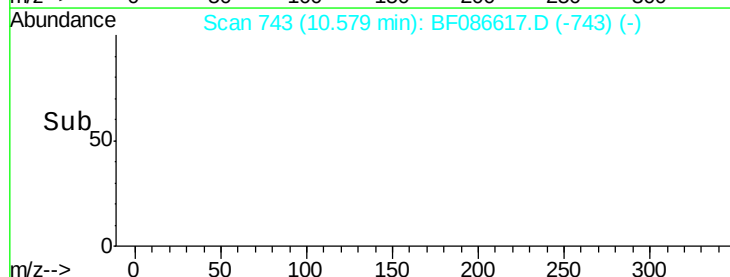
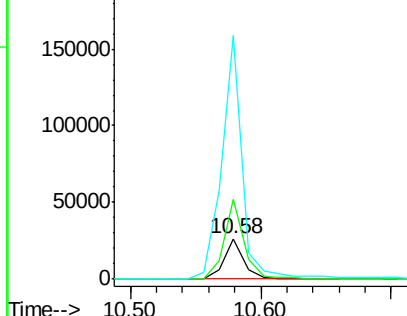


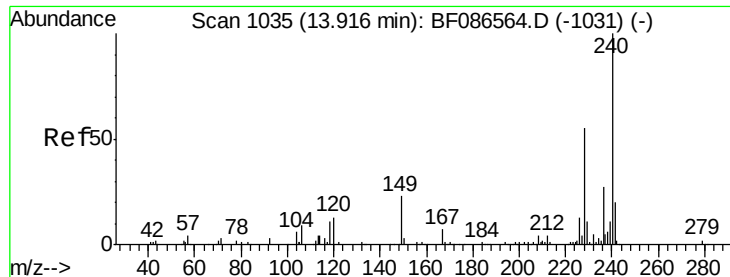
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086617.D
Acq: 2 May 2016 15:03

Tgt Ion:248 Resp: 28252
Ion Ratio Lower Upper
248 100
250 199.4 78.6 117.8#
141 607.3 76.0 114.0#



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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086617.D

Acq: 2 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-3(0-12FTBGS)

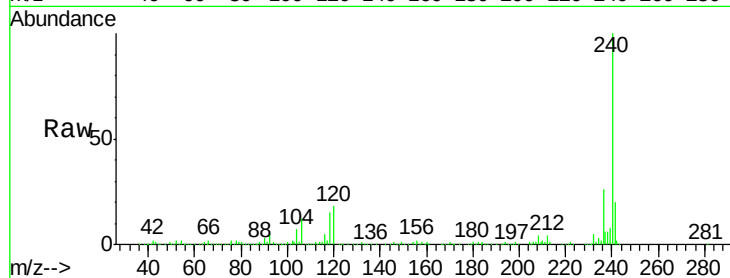
Tgt Ion:240 Resp: 589098

Ion Ratio Lower Upper

240 100

120 17.7 11.2 16.8#

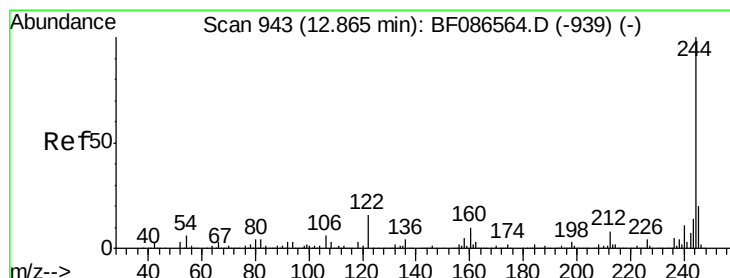
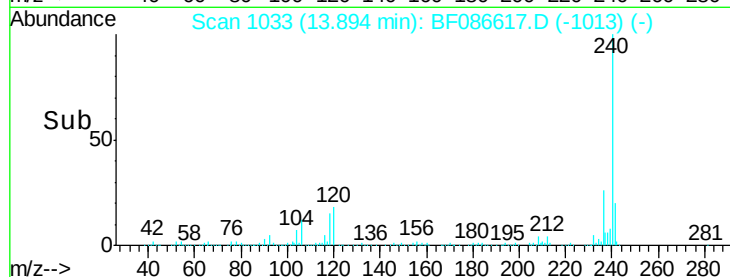
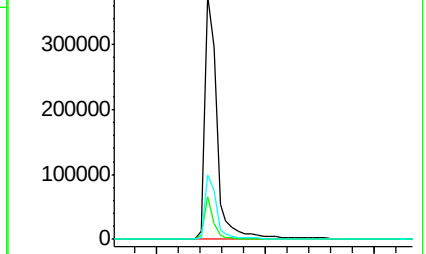
236 26.4 21.2 31.8



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: 81.12 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086617.D

Acq: 2 May 2016 15:03

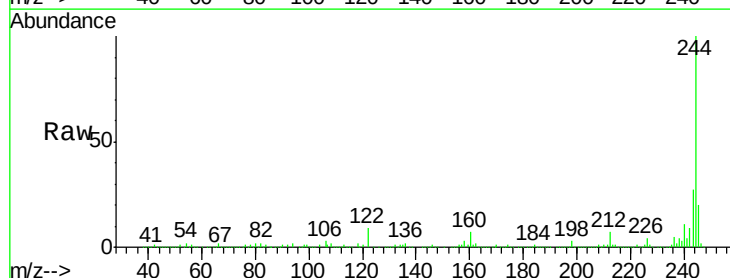
Tgt Ion:244 Resp: 2169214

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

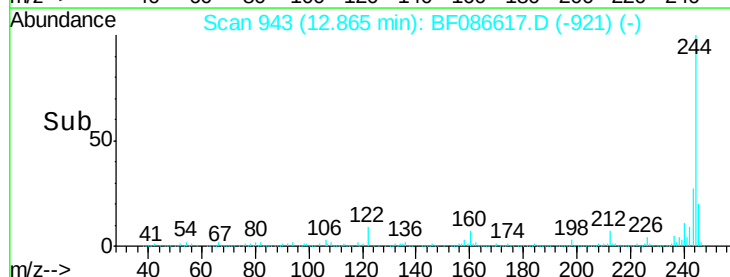
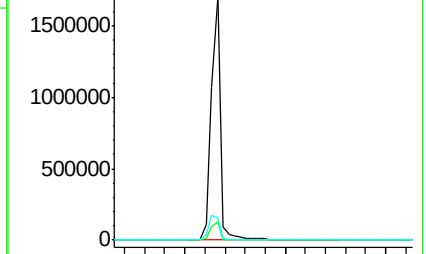
122 9.3 12.0 18.0#

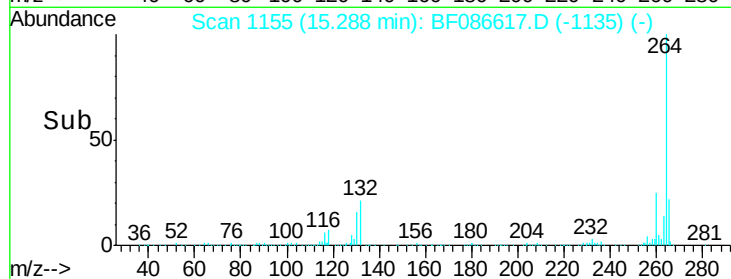
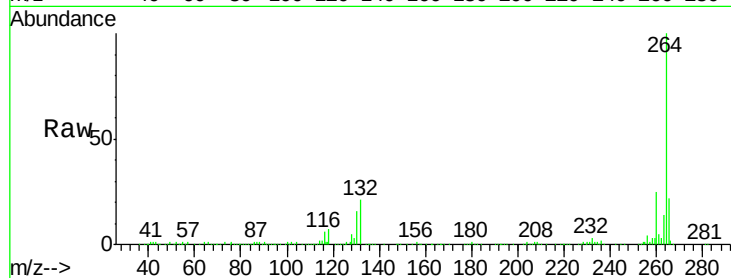
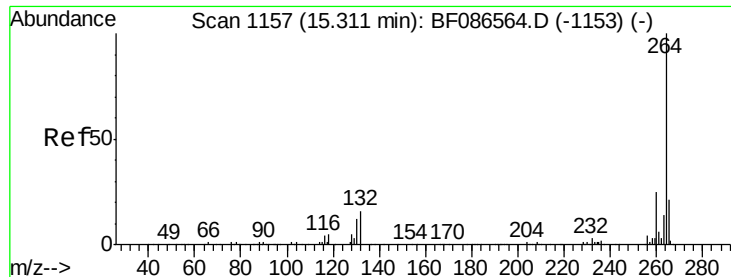


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF086617.D

Acq: 2 May 2016 15:03

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-3(0-12FTBGS)

Tgt Ion:264 Resp: 441911

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.6 17.3 25.9

