

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086807.D
 Acq On : 8 May 2016 7:11
 Operator : UM/SJ
 Sample : H2720-07
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS3

Quant Time: May 09 00:56:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	191915	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	709439	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	304437	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	531930	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	325065	40.00	ng	-0.03
86) Perylene-d12	15.23	264	331024	40.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1635801	141.11	ng	0.00
7) Phenol-d6	6.37	99	1920264	122.97	ng	0.00
23) Nitrobenzene-d5	7.28	82	1286001	93.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	463560	155.66	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1753533	94.42	ng	-0.03
78) Terphenyl-d14	12.81	244	1113017	69.20	ng	-0.03

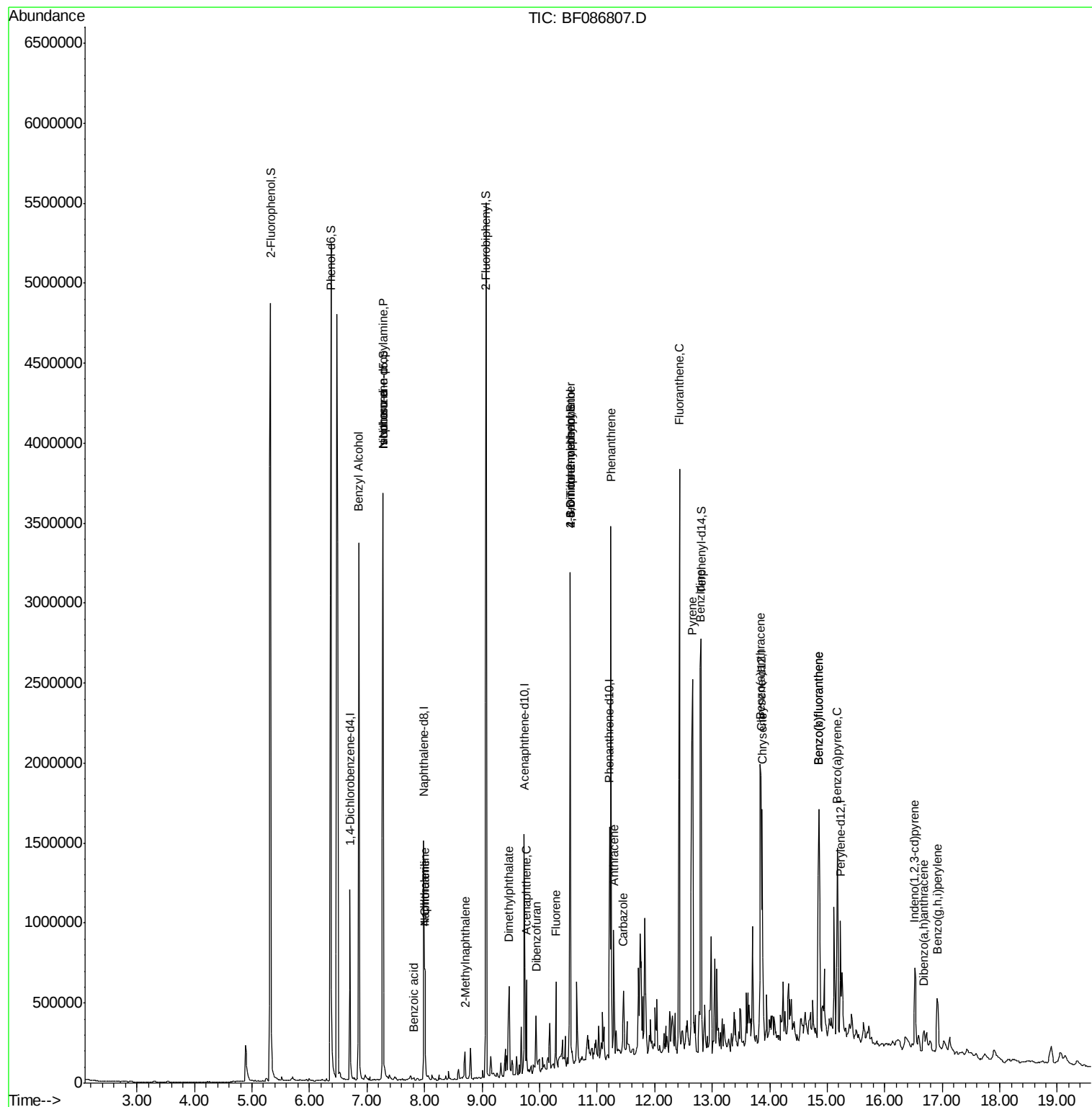
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.85	79	24190	2.39	ng	# 44
19) n-Nitroso-di-n-propylamine	7.28	70	185949	17.43	ng	# 71
25) Isophorone	7.28	82	1249089	48.58	ng	# 68
31) Naphthalene	8.01	128	276203	7.62	ng	99
32) Benzoic acid	7.81	122	4642	9.29	ng	# 63
33) 4-Chloroaniline	8.01	127	36203	2.58	ng	# 35
37) 2-Methylnaphthalene	8.70	142	58948	2.76	ng	99
49) Dimethylphthalate	9.47	163	257931	11.36	ng	99
51) Acenaphthene	9.77	154	115166	6.12	ng	98
54) Dibenzofuran	9.94	168	90907	3.90	ng	# 94
57) Fluorene	10.28	166	138280	7.32	ng	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	2304	6.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	29074	5.50	ng	# 1
70) Phenanthrene	11.24	178	1156605	40.48	ng	99
71) Anthracene	11.29	178	382770	12.79	ng	98
72) Carbazole	11.46	167	176041	6.78	ng	99
74) Fluoranthene	12.43	202	1560390	54.49	ng	95
76) Benzidine	12.80	184	17803	8.80	ng	98
77) Pyrene	12.66	202	1305220	50.36	ng	100
80) Benzo(a)anthracene	13.84	228	762820	41.49	ng	98
82) Chrysene	13.87	228	508648	25.93	ng	97
85) Indeno(1,2,3-cd)pyrene	16.52	276	328206	19.50	ng	# 90
87) Benzo(b)fluoranthene	14.85	252	1077145	54.15	ng	97
88) Benzo(k)fluoranthene	14.85	252	1077145	57.48	ng	98
89) Benzo(a)pyrene	15.17	252	550303	30.04	ng	95
90) Dibenzo(a,h)anthracene	16.68	278	75997	4.32	ng	94
91) Benzo(g,h,i)perylene	16.91	276	269719	14.60	ng	95

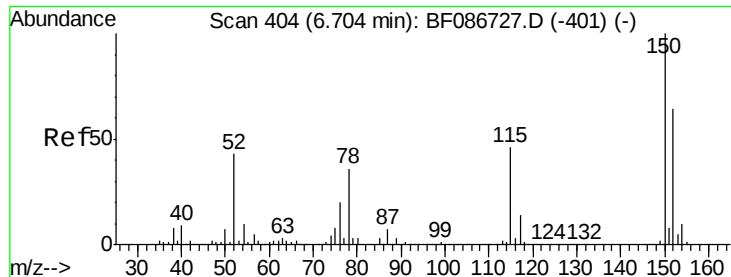
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086807.D

Acq: 8 May 2016 7:11

Instrument :

BNA_F

ClientSampleId :

SS3

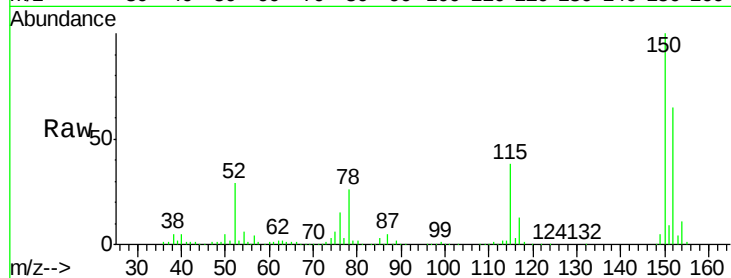
Tgt Ion:152 Resp: 191915

Ion Ratio Lower Upper

152 100

150 154.8 125.8 188.6

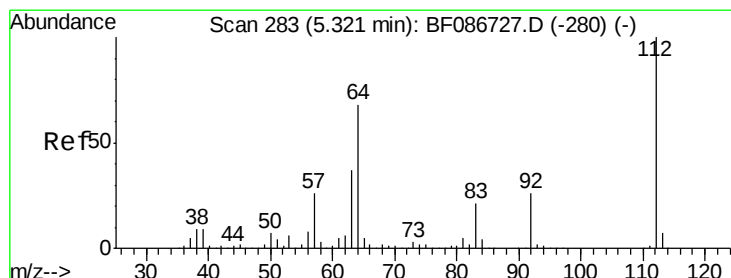
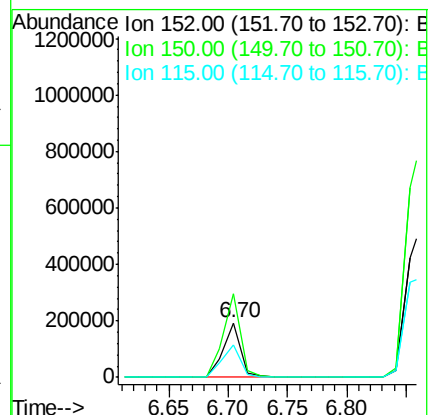
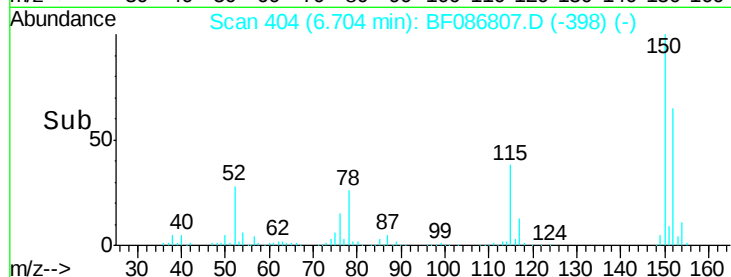
115 58.9 51.5 77.3



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: 141.11 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086807.D

Acq: 8 May 2016 7:11

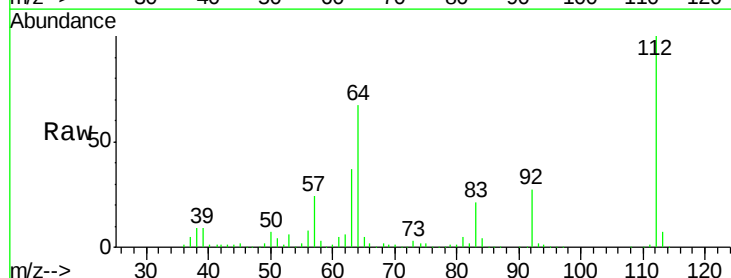
Tgt Ion:112 Resp: 1635801

Ion Ratio Lower Upper

112 100

64 67.1 52.1 78.1

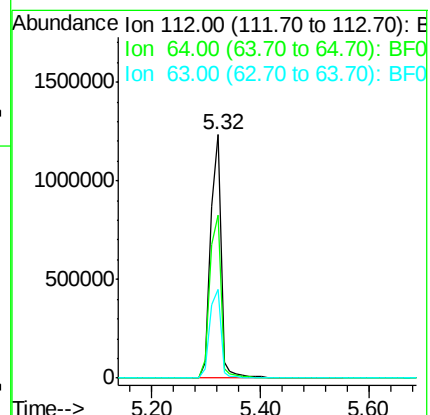
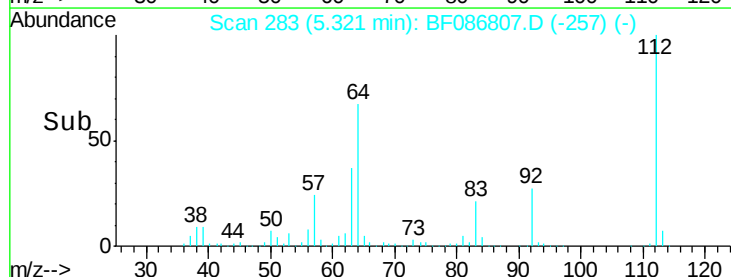
63 36.7 25.7 38.5

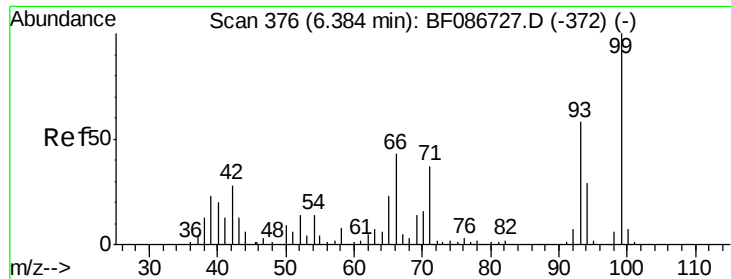


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.97 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086807.D

Acq: 8 May 2016 7:11

Instrument :

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SS3

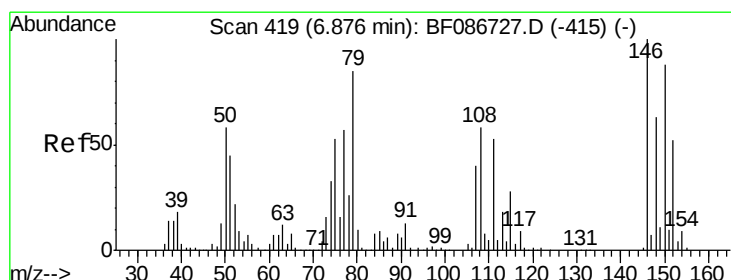
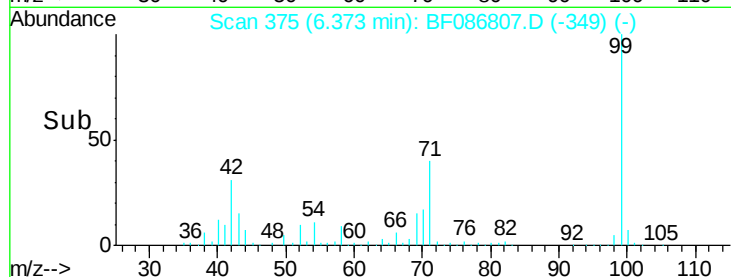
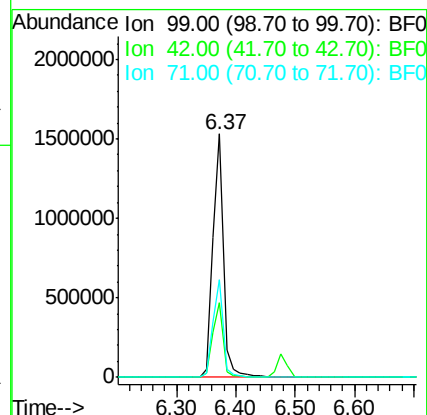
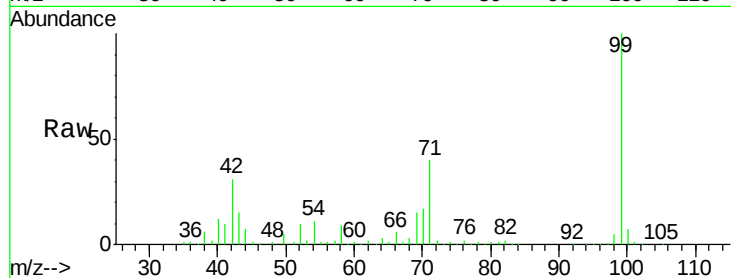
Tgt Ion: 99 Resp: 1920264

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

71 40.2 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF086807.D

Acq: 8 May 2016 7:11

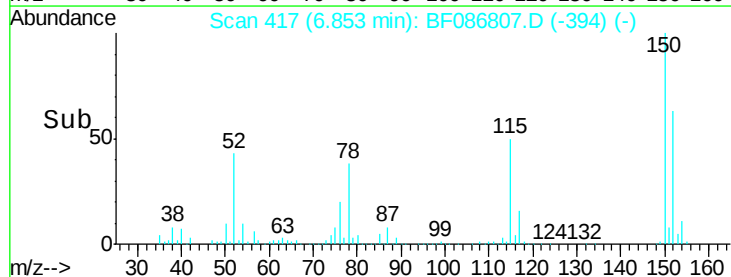
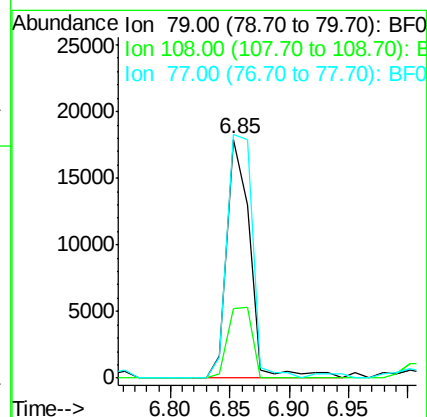
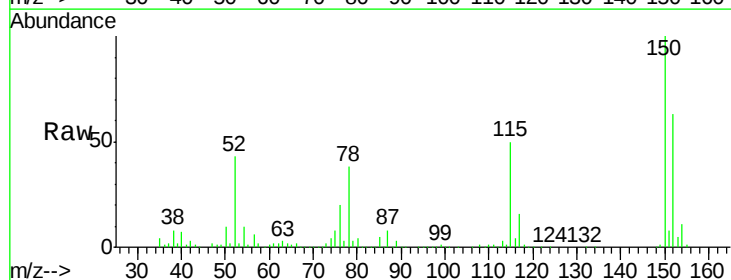
Tgt Ion: 79 Resp: 24190

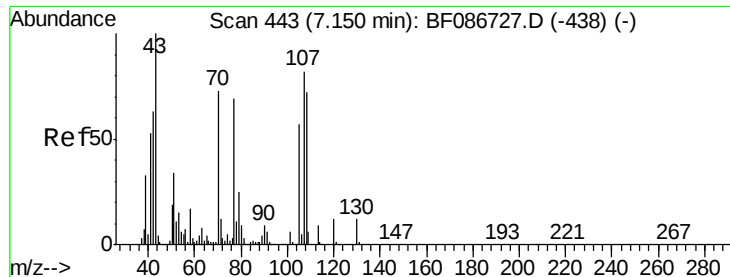
Ion Ratio Lower Upper

79 100

108 29.3 68.4 102.6#

77 102.0 50.6 76.0#

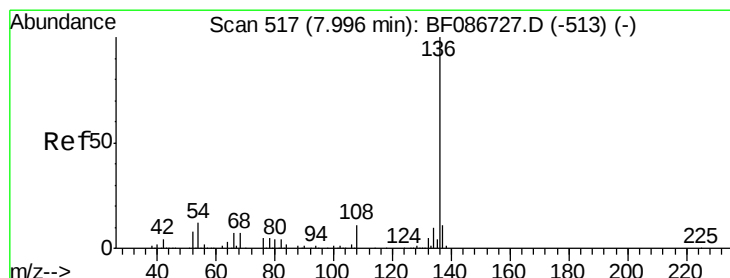
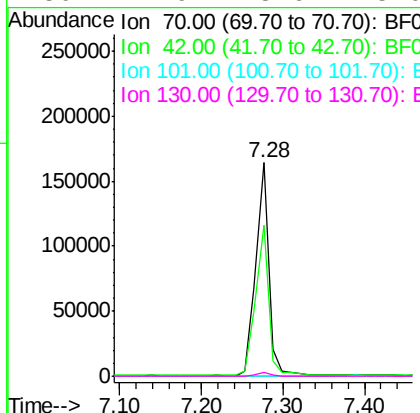
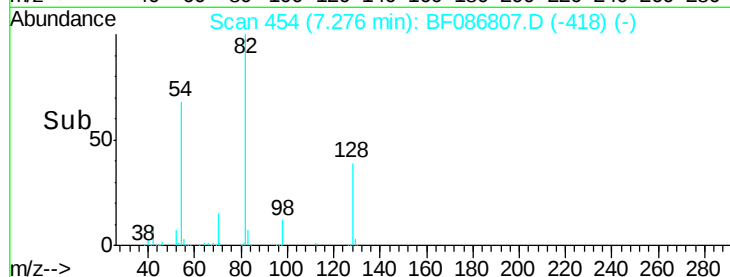
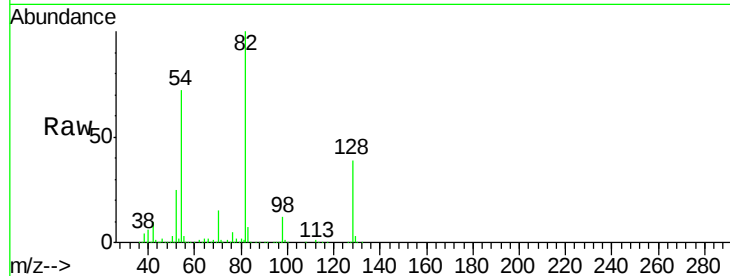




#19
n-Nitroso-di-n-propylamine
Concen: 17.43 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086807.D
Acq: 8 May 2016 7:11

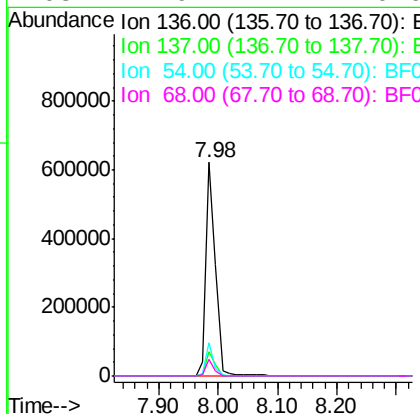
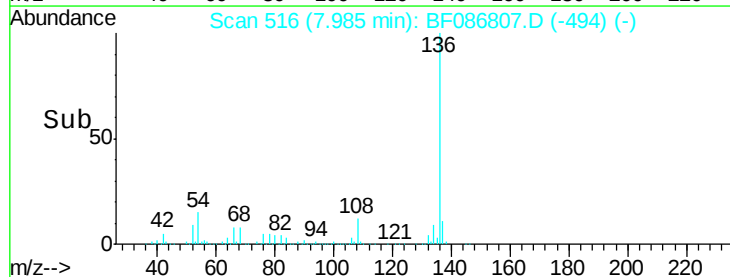
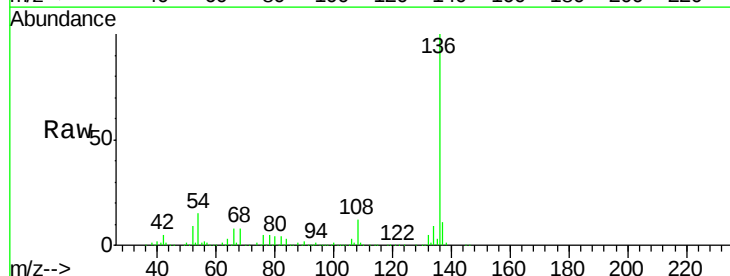
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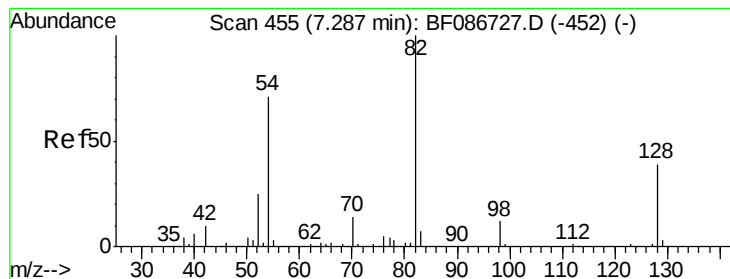
Tgt Ion: 70 Resp: 185949
Ion Ratio Lower Upper
70 100
42 70.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086807.D
Acq: 8 May 2016 7:11

Tgt Ion: 136 Resp: 709439
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 15.4 5.0 7.4#
68 7.9 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 93.15 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086807.D

Acq: 8 May 2016 7:11

Instrument :

BNA_F

ClientSampleId :

SS3

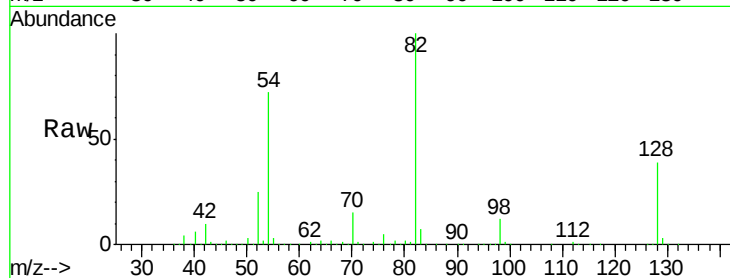
Tgt Ion: 82 Resp: 1286001

Ion Ratio Lower Upper

82 100

128 38.9 40.6 61.0#

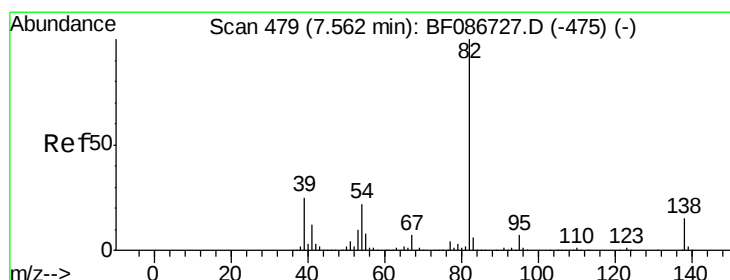
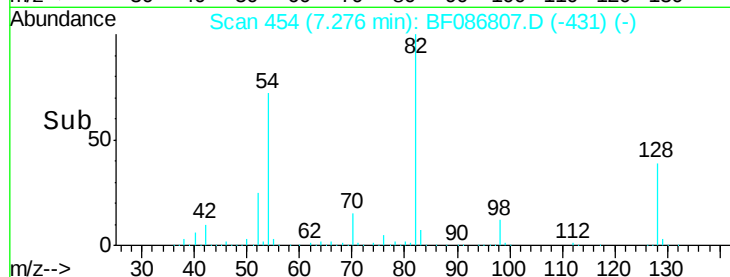
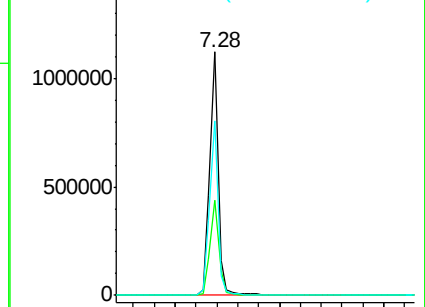
54 71.8 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 48.58 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.30 min

Lab File: BF086807.D

Acq: 8 May 2016 7:11

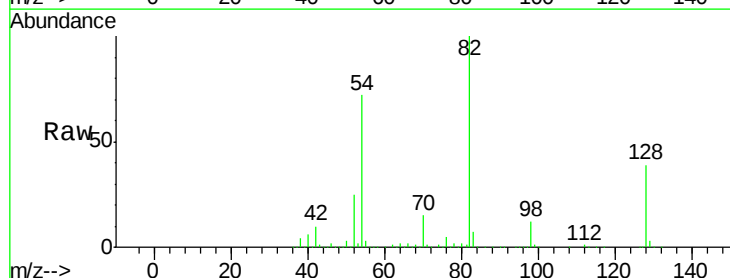
Tgt Ion: 82 Resp: 1249089

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

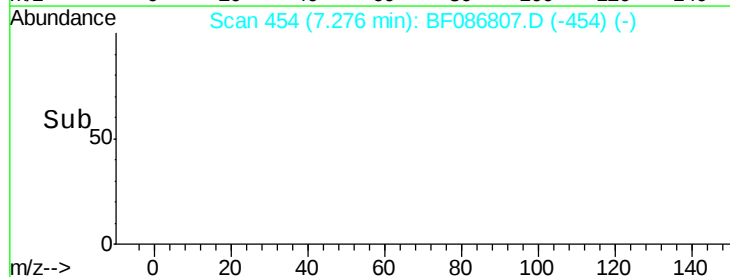
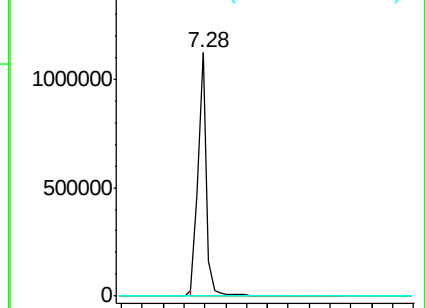
138 0.0 12.4 18.6#

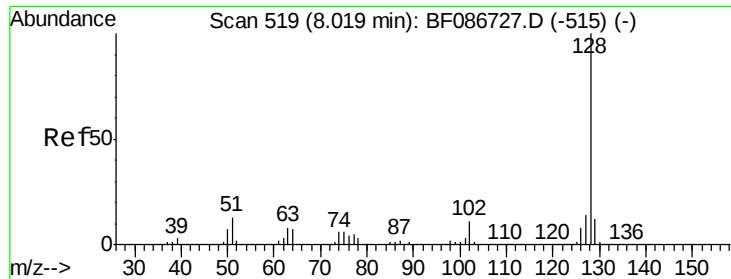


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

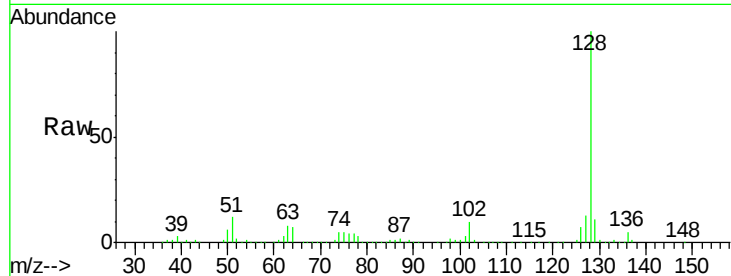




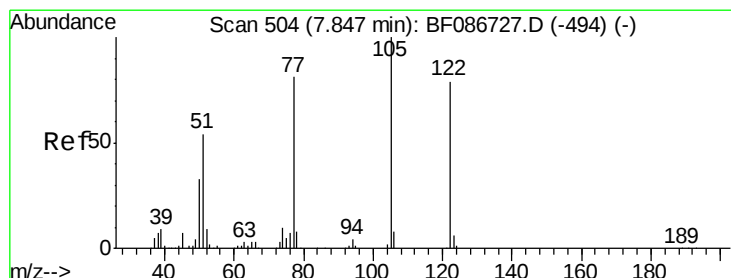
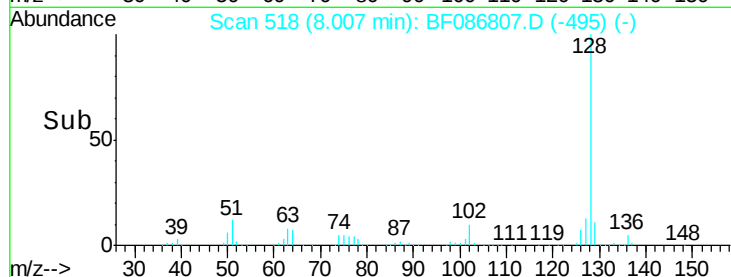
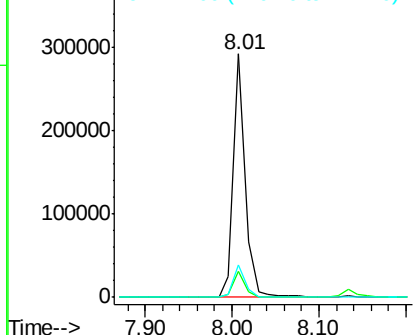
#31
Naphthalene
Concen: 7.62 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF086807.D
Acq: 8 May 2016 7:11

Instrument :
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Tgt Ion:128 Resp: 276203
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.8 16.2

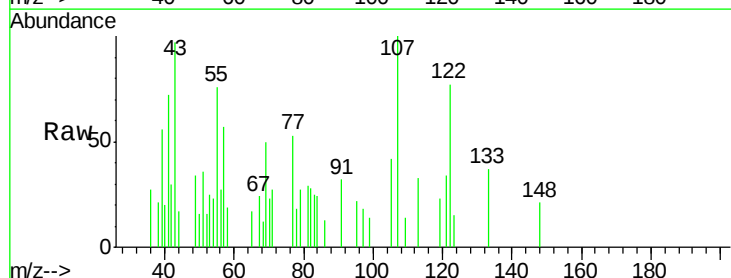


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

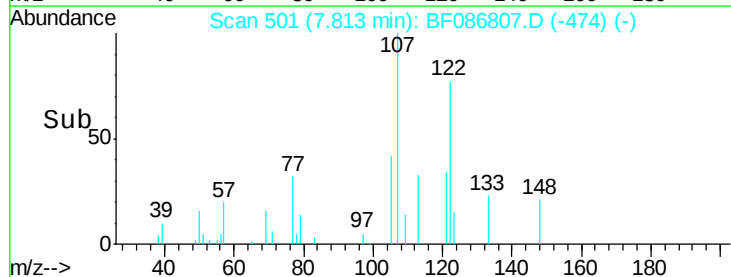
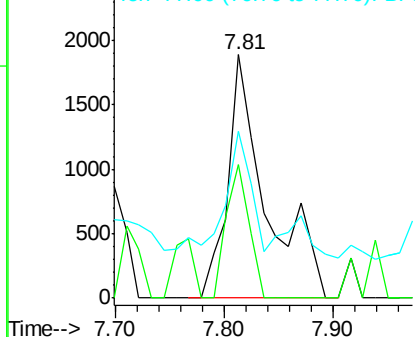


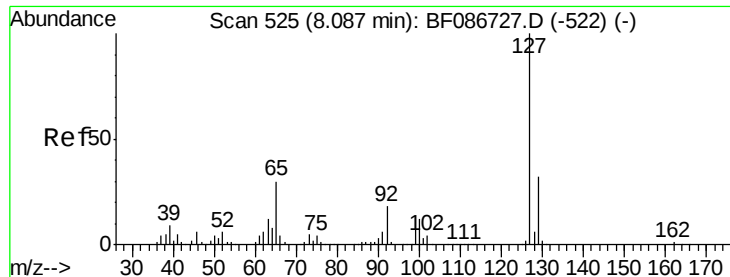
#32
Benzoic acid
Concen: 9.29 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF086807.D
Acq: 8 May 2016 7:11

Tgt Ion:122 Resp: 4642
Ion Ratio Lower Upper
122 100
105 54.9 92.6 132.6#
77 68.7 60.0 100.0



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

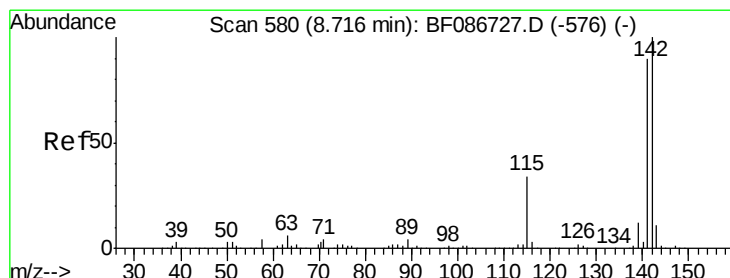
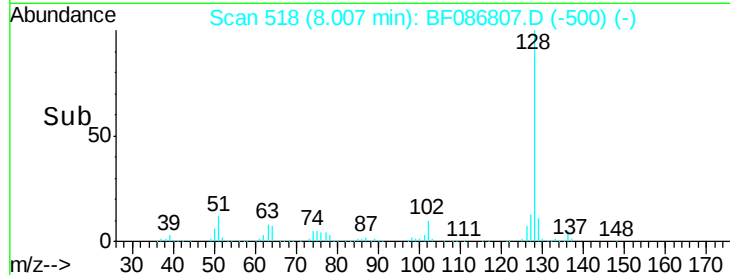
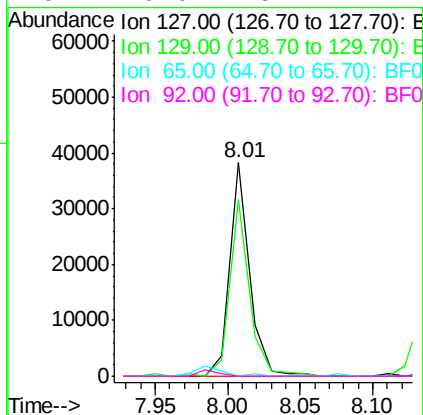
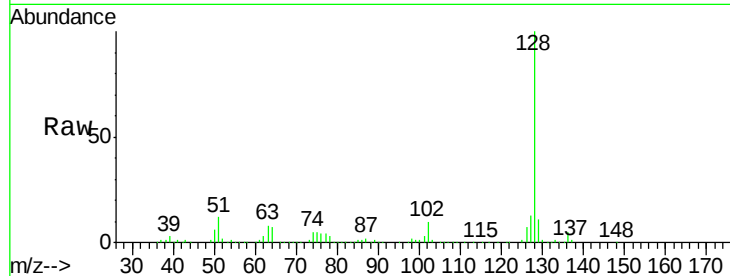




#33
 4-Chloroaniline
 Concen: 2.58 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.09 min
 Lab File: BF086807.D
 Acq: 8 May 2016 7:11

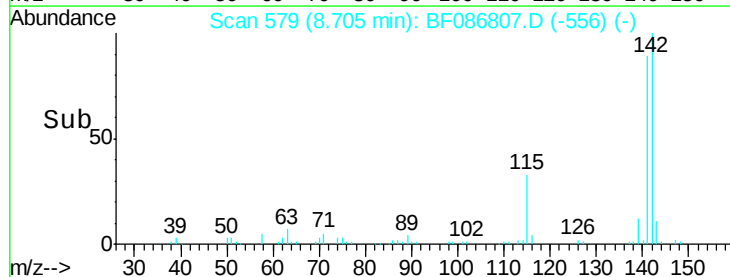
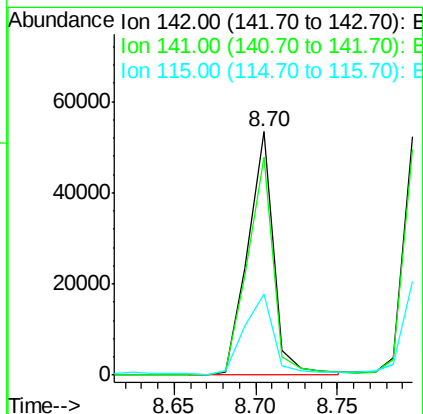
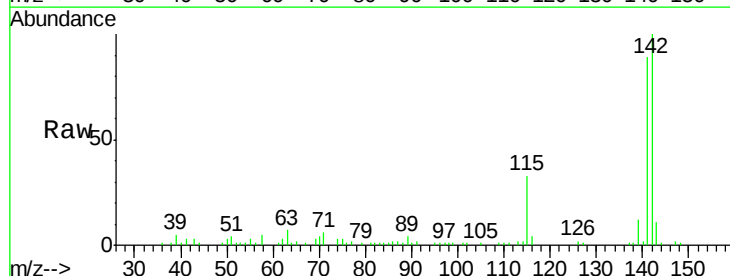
Instrument :
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 ClientSampleId :
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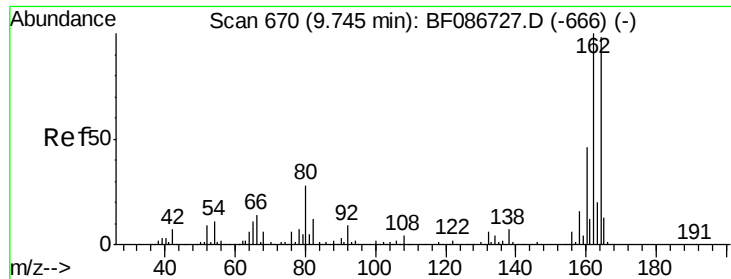
Tgt Ion:	127	Resp:	36203
Ion	Ratio	Lower	Upper
127	100		
129	82.8	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#37
 2-Methylnaphthalene
 Concen: 2.76 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.03 min
 Lab File: BF086807.D
 Acq: 8 May 2016 7:11

Tgt Ion:	142	Resp:	58948
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	33.4	26.6	39.8

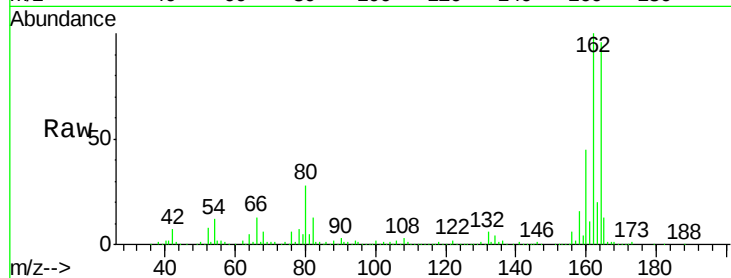




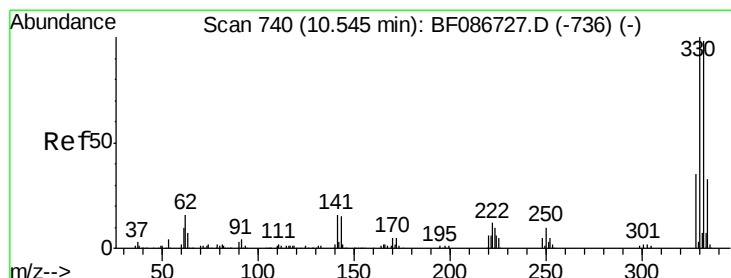
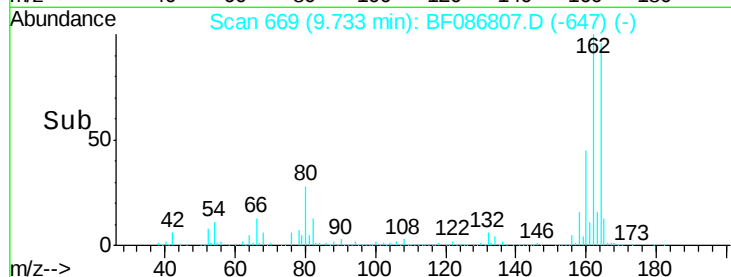
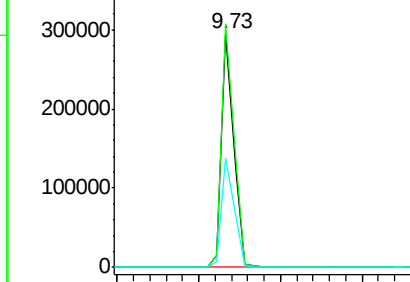
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086807.D
Acq: 8 May 2016 7:11

Instrument :
BNA_F
ClientSampleId :
SS3

Tgt Ion:164 Resp: 304437
Ion Ratio Lower Upper
164 100
162 104.1 82.8 124.2
160 46.9 36.9 55.3

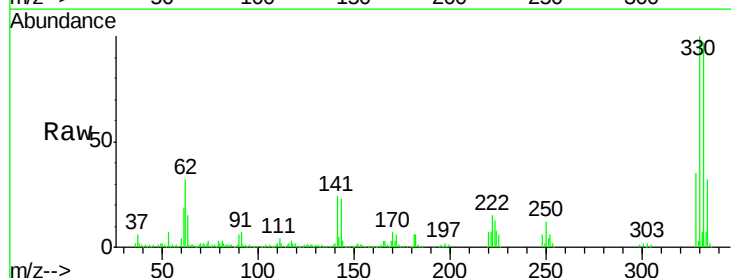


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 155.66 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086807.D
Acq: 8 May 2016 7:11

Tgt Ion:330 Resp: 463560
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 35.8 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

