

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085238.D
 Acq On : 5 Mar 2016 7:44
 Operator : SJ/IZ
 Sample : H1683-04MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP(0.5-5.0)MSD

Quant Time: Mar 06 23:42:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165889	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	615238	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	235286	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	430924	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	267194	20.00	ng	-0.01
86) Perylene-d12	15.61	264	270602	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1387894	140.34	ng	0.01
7) Phenol-d6	6.61	99	1704436	131.55	ng	0.00
23) Nitrobenzene-d5	7.54	82	1206130	104.91	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	385142	191.30	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1519870	98.24	ng	-0.01
78) Terphenyl-d14	13.09	244	1072911	93.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	233190	46.11	ng	99
3) Pyridine	3.50	79	613920	48.50	ng	98
4) n-Nitrosodimethylamine	3.45	42	305167	56.33	ng	95
6) Aniline	6.64	93	500493	27.56	ng	95
8) 2-Chlorophenol	6.76	128	523781	43.99	ng	90
9) Benzaldehyde	6.52	77	193957	29.69	ng	99
10) Phenol	6.62	94	728115	52.47	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	532146	46.17	ng	98
12) 1,3-Dichlorobenzene	7.00	146	604962	47.33	ng	98
13) 1,4-Dichlorobenzene	6.92	146	606441	47.34	ng	97
14) 1,2-Dichlorobenzene	7.14	146	532767	45.83	ng	98
15) Benzyl Alcohol	7.11	79	487242	51.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	711677	42.84	ng	98
17) 2-Methylphenol	7.22	107	465750	47.94	ng	97
18) Hexachloroethane	7.49	117	232479	49.19	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	427115	50.58	ng	98
20) 3+4-Methylphenols	7.38	107	581282	50.51	ng	# 72
22) Acetophenone	7.38	105	717556	47.78	ng	# 95
24) Nitrobenzene	7.56	77	536793	45.96	ng	98
25) Isophorone	7.80	82	1093925	51.34	ng	98
26) 2-Nitrophenol	7.88	139	319324	56.18	ng	# 84
27) 2,4-Dimethylphenol	7.91	122	518895	49.95	ng	93
28) bis(2-Chloroethoxy)methane	8.00	93	634568	53.48	ng	98
29) 2,4-Dichlorophenol	8.12	162	439574	52.47	ng	92
30) 1,2,4-Trichlorobenzene	8.20	180	457277	50.49	ng	99
31) Naphthalene	8.29	128	1617624	53.47	ng	99
32) Benzoic acid	7.99	122	100361	14.55	ng	# 81
33) 4-Chloroaniline	8.32	127	208637	17.05	ng	98
34) Hexachlorobutadiene	8.40	225	259402	55.04	ng	98
35) Caprolactam	8.70	113	156684	57.27	ng	# 64
36) 4-Chloro-3-methylphenol	8.81	107	465961	49.03	ng	97
37) 2-Methylnaphthalene	8.97	142	951187	49.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	405513	60.26	ng	98
40) Hexachlorocyclopentadiene	9.13	237	204249	56.28	ng	97

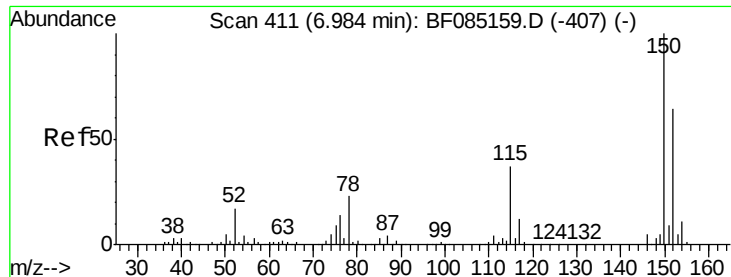
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085238.D
 Acq On : 5 Mar 2016 7:44
 Operator : SJ/IZ
 Sample : H1683-04MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP(0.5-5.0)MSD

Quant Time: Mar 06 23:42:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	276972	55.30	ng	96
43) 2,4,5-Trichlorophenol	9.29	196	262337	55.24	ng	97
45) 1,1'-Biphenyl	9.44	154	1081454	53.80	ng	96
46) 2-Chloronaphthalene	9.46	162	755624	49.31	ng	93
47) 2-Nitroaniline	9.56	65	266956	56.22	ng	91
48) Acenaphthylene	9.89	152	1271988	53.34	ng	98
49) Dimethylphthalate	9.74	163	987787	54.70	ng	99
50) 2,6-Dinitrotoluene	9.80	165	192265	49.77	ng	# 78
51) Acenaphthene	10.06	154	796570	55.01	ng	99
52) 3-Nitroaniline	9.97	138	167175	36.17	ng	# 98
53) 2,4-Dinitrophenol	10.07	184	57022	34.19	ng	# 50
54) Dibenzofuran	10.23	168	1174032	61.89	ng	93
55) 4-Nitrophenol	10.13	139	399566	110.00	ng	91
56) 2,4-Dinitrotoluene	10.21	165	320777	64.88	ng	# 73
57) Fluorene	10.57	166	938329	62.97	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	215518	64.60	ng	# 96
59) Diethylphthalate	10.44	149	915930	52.27	ng	96
60) 4-Chlorophenyl-phenylether	10.56	204	417924	57.64	ng	# 87
61) 4-Nitroaniline	10.57	138	185657	42.94	ng	99
62) Azobenzene	10.72	77	1054389	61.07	ng	83
64) 4,6-Dinitro-2-methylphenol	10.61	198	58678	22.74	ng	# 37
65) n-Nitrosodiphenylamine	10.68	169	823248	61.42	ng	97
66) 4-Bromophenyl-phenylether	11.05	248	239682	57.28	ng	# 83
67) Hexachlorobenzene	11.12	284	245017	54.89	ng	96
68) Atrazine	11.20	200	242660	65.10	ng	98
69) Pentachlorophenol	11.30	266	240687	97.14	ng	99
70) Phenanthrene	11.53	178	1889775	83.68	ng	100
71) Anthracene	11.58	178	1401998	58.48	ng	99
72) Carbazole	11.73	167	968374	46.06	ng	99
73) Di-n-butylphthalate	12.06	149	1177066	44.30	ng	99
74) Fluoranthene	12.72	202	2089868	92.21	ng	99
76) Benzidine	12.84	184	328197	41.27	ng	98
77) Pyrene	12.95	202	1940821	96.51	ng	99
79) Butylbenzylphthalate	13.56	149	474947	52.05	ng	# 79
80) Benzo(a)anthracene	14.13	228	1348507	84.31	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	126610	25.09	ng	# 95
82) Chrysene	14.16	228	1055605	71.44	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	625168	52.06	ng	# 96
84) Di-n-octyl phthalate	14.72	149	1015101	55.51	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	971764	84.27	ng	96
87) Benzo(b)fluoranthene	15.21	252	2306011	127.85	ng	# 97
88) Benzo(k)fluoranthene	15.21	252	2306011	158.51	ng	98
89) Benzo(a)pyrene	15.56	252	1142555	76.44	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	727753	57.04	ng	97
91) Benzo(g,h,i)perylene	17.55	276	787513	61.39	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

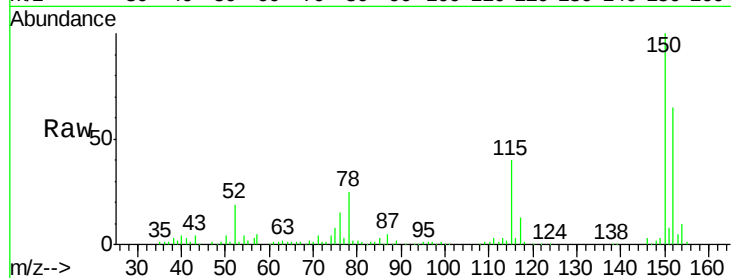
Tgt Ion:152 Resp: 165889

Ion Ratio Lower Upper

152 100

150 154.9 124.6 186.8

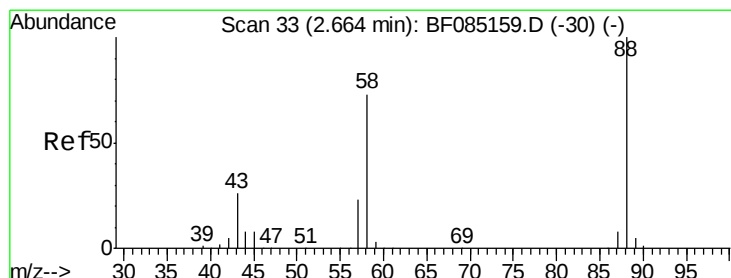
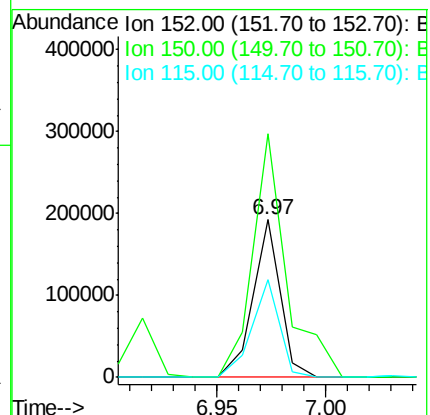
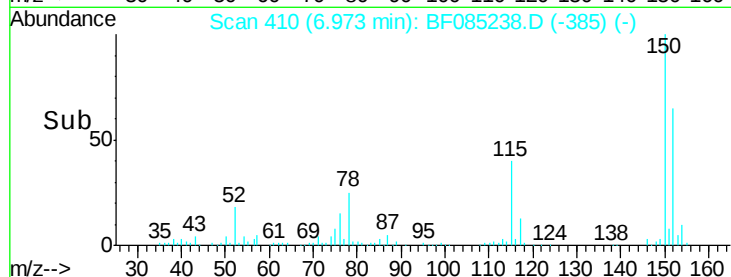
115 62.2 46.6 70.0



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



#2

1,4-Dioxane

Concen: 46.11 ng

RT: 2.73 min Scan# 39

Delta R.T. 0.07 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

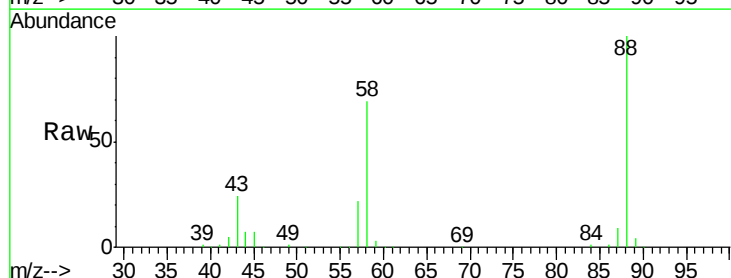
Tgt Ion: 88 Resp: 233190

Ion Ratio Lower Upper

88 100

58 71.5 57.0 85.6

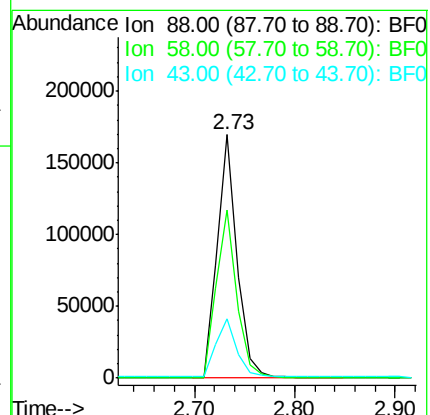
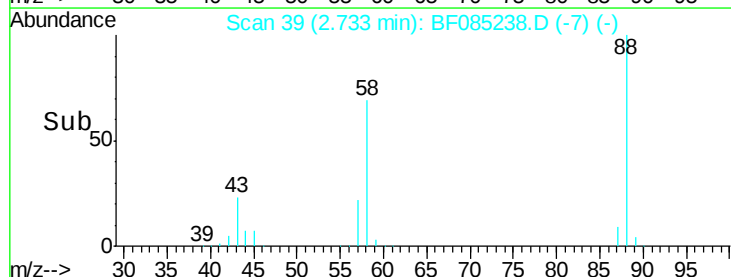
43 24.7 20.5 30.7

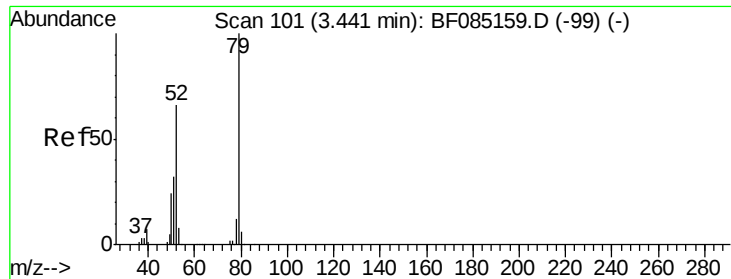


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 48.50 ng

RT: 3.50 min Scan# 106

Delta R.T. 0.06 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

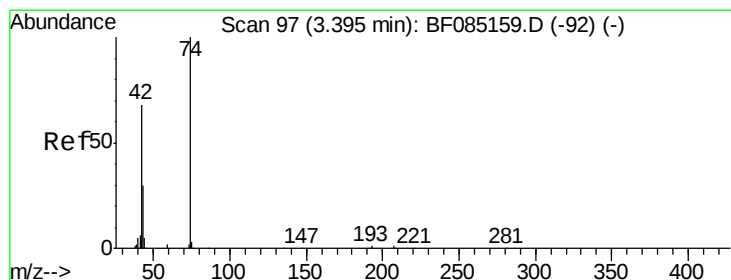
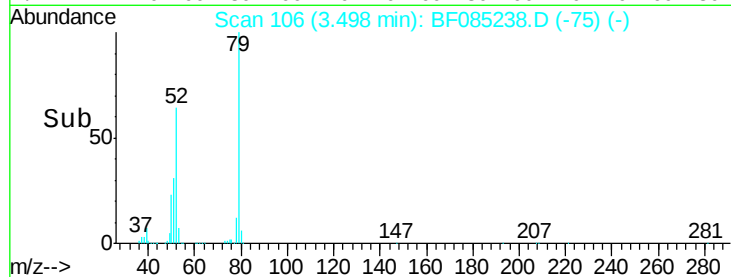
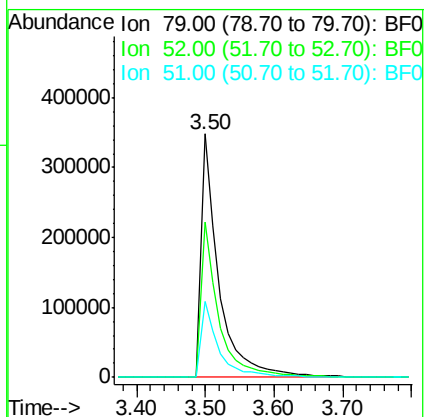
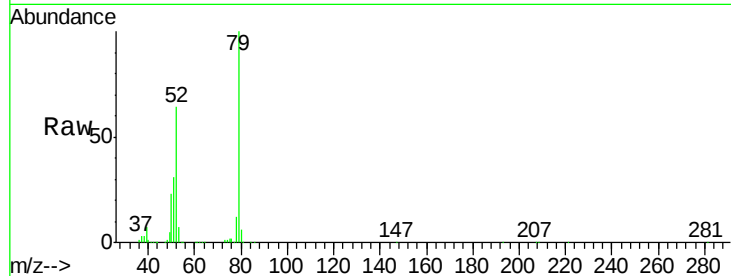
Tgt Ion: 79 Resp: 613920

Ion Ratio Lower Upper

79 100

52 64.0 52.6 79.0

51 31.4 25.8 38.8



#4

n-Nitrosodimethylamine

Concen: 56.33 ng

RT: 3.45 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

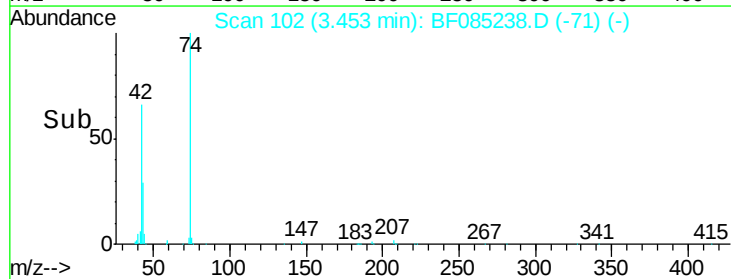
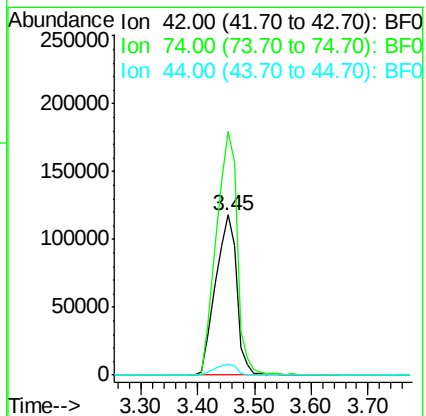
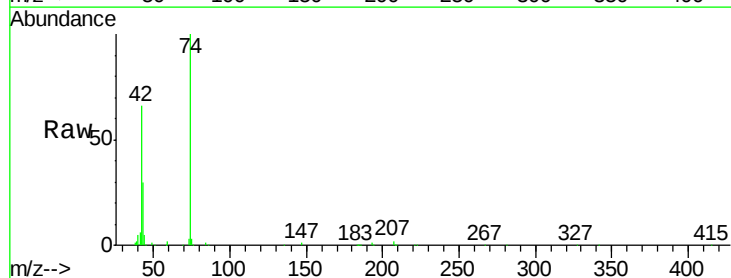
Tgt Ion: 42 Resp: 305167

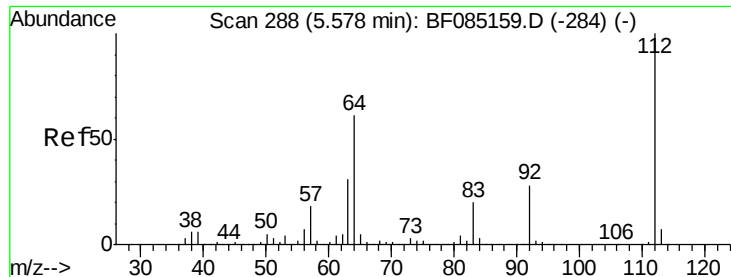
Ion Ratio Lower Upper

42 100

74 152.2 116.8 175.2

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 140.34 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

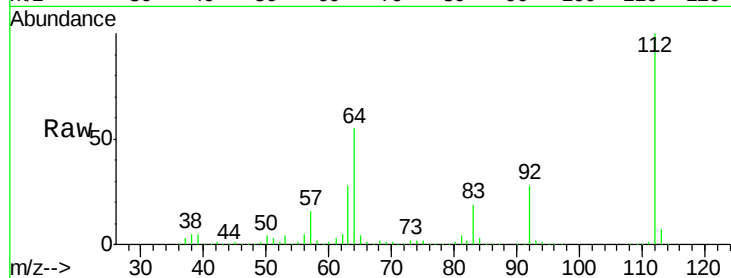
Tgt Ion: 112 Resp: 1387894

Ion Ratio Lower Upper

112 100

64 55.5 49.0 73.4

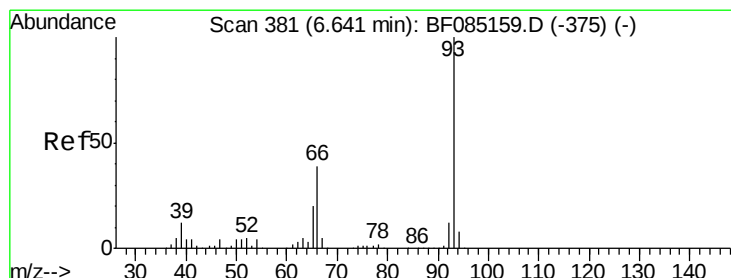
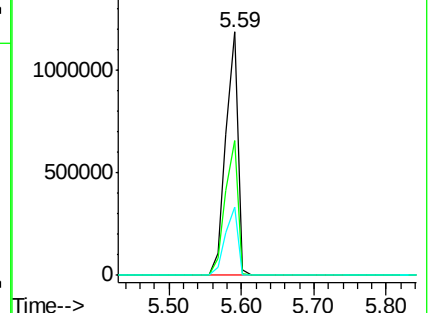
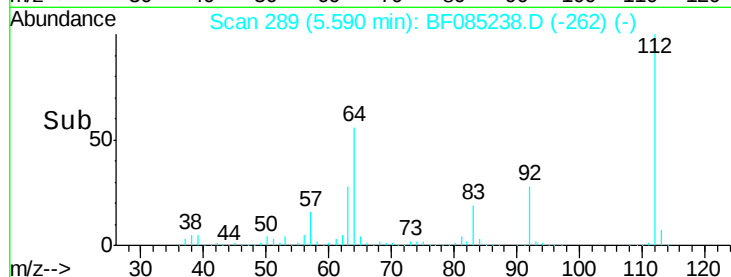
63 28.2 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.56 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

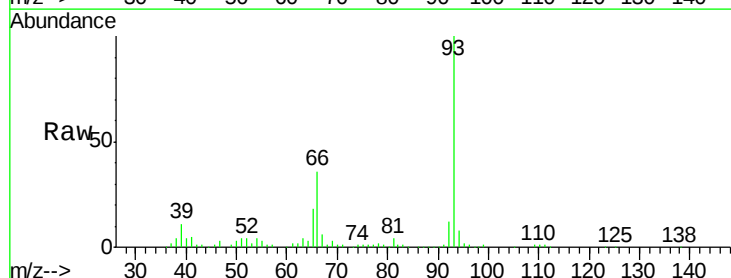
Tgt Ion: 93 Resp: 500493

Ion Ratio Lower Upper

93 100

66 36.4 31.6 47.4

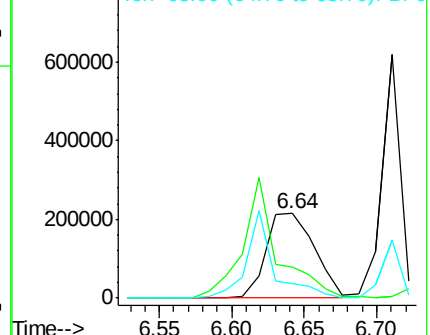
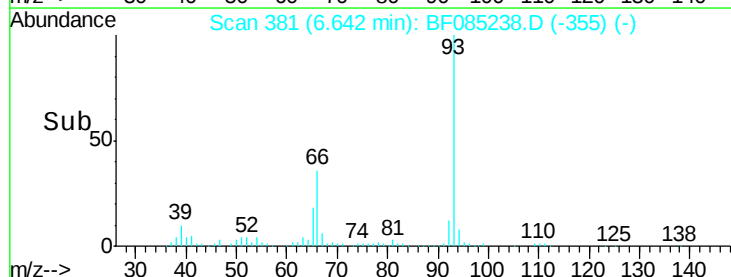
65 17.9 15.8 23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.55 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

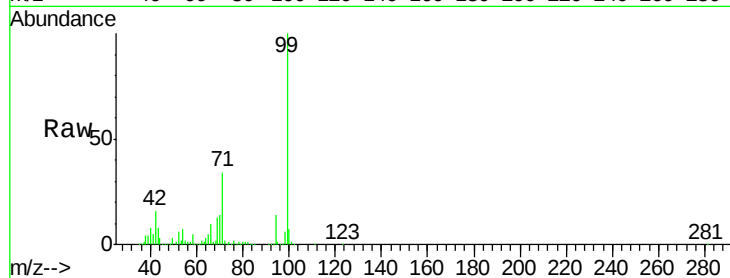
Tgt Ion: 99 Resp: 1704436

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

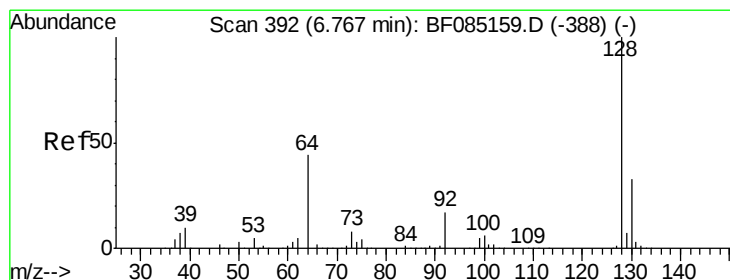
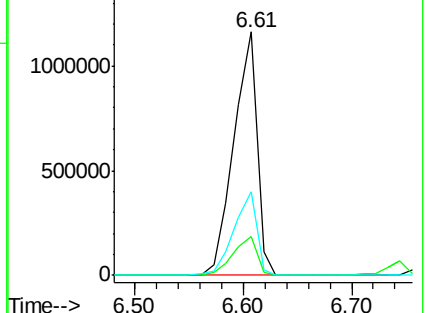
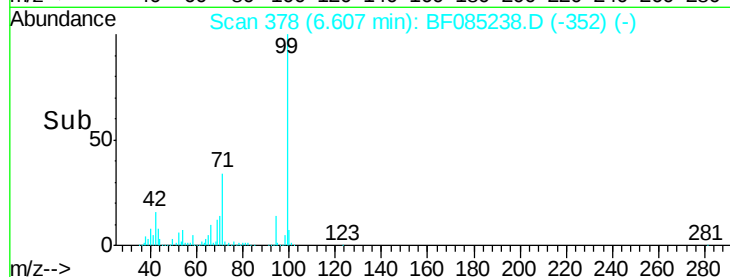
71 34.1 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.99 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

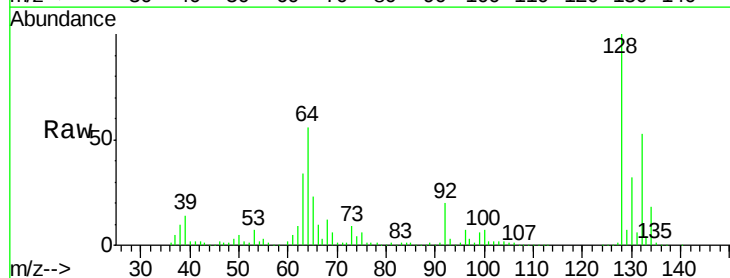
Tgt Ion: 128 Resp: 523781

Ion Ratio Lower Upper

128 100

130 31.9 13.3 53.3

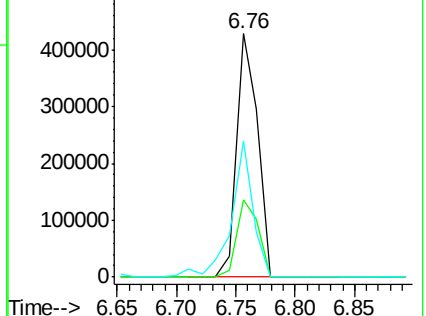
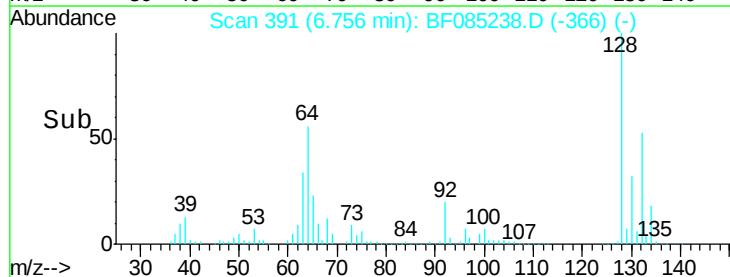
64 56.1 25.7 65.7

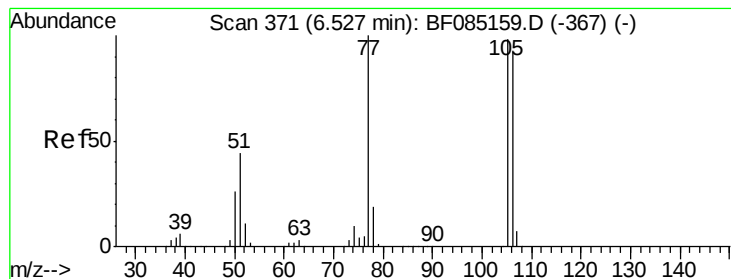


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.69 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

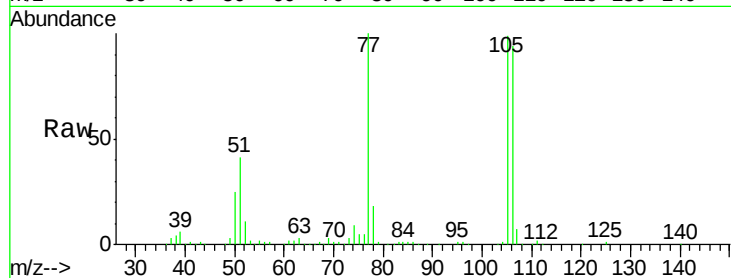
Tgt Ion: 77 Resp: 193957

Ion Ratio Lower Upper

77 100

105 99.2 78.2 118.2

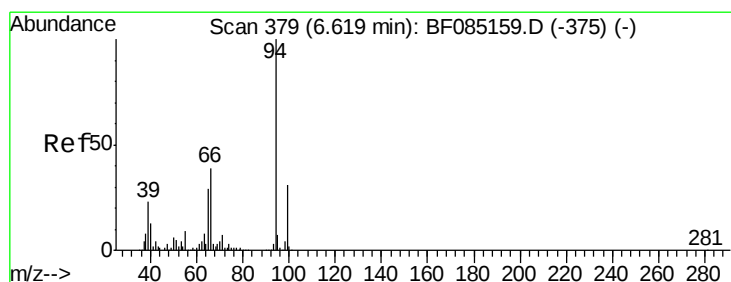
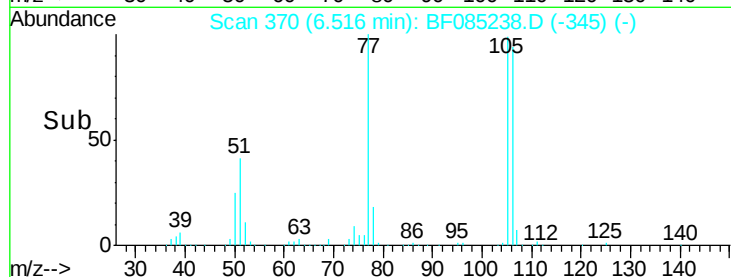
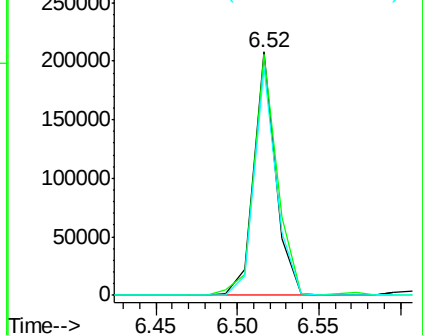
106 93.9 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.47 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

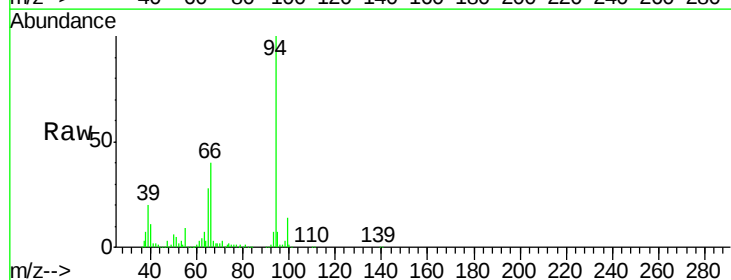
Tgt Ion: 94 Resp: 728115

Ion Ratio Lower Upper

94 100

65 28.5 9.1 49.1

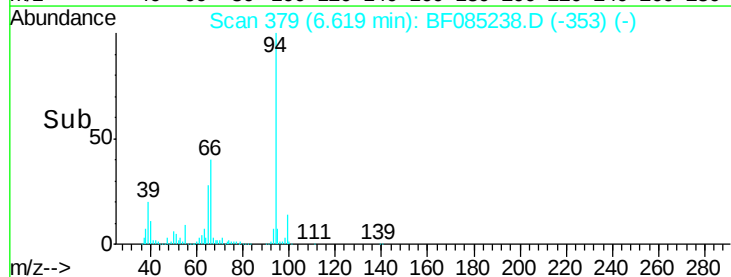
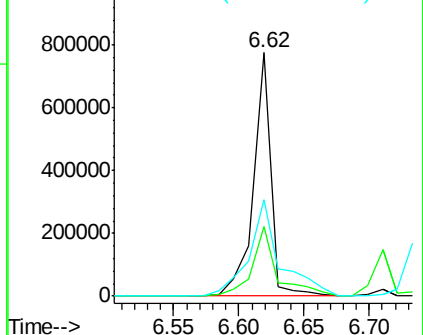
66 39.7 19.3 59.3

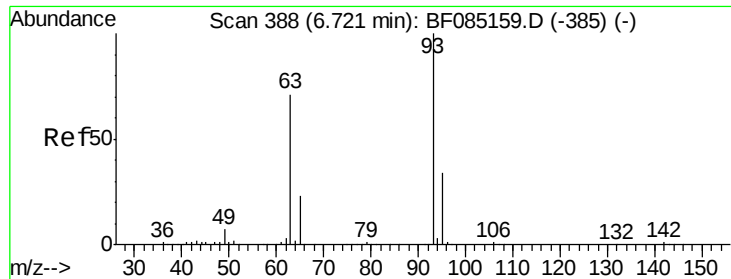


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.17 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

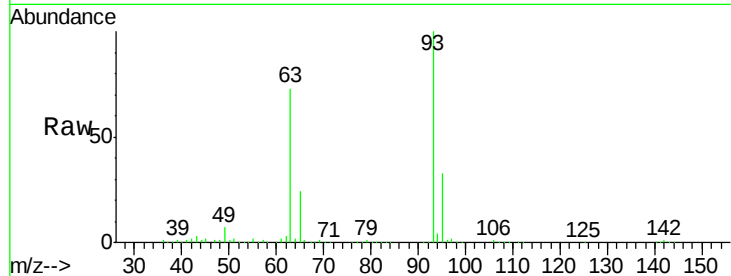
Tgt Ion: 93 Resp: 532146

Ion Ratio Lower Upper

93 100

63 73.0 50.9 90.9

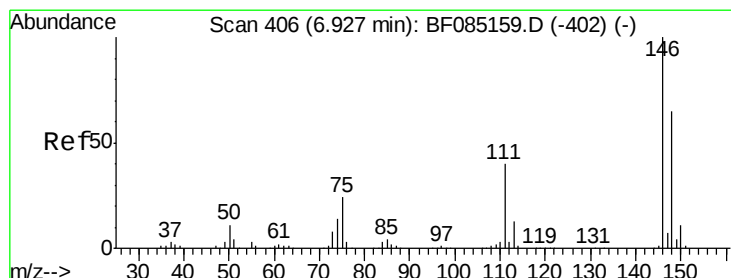
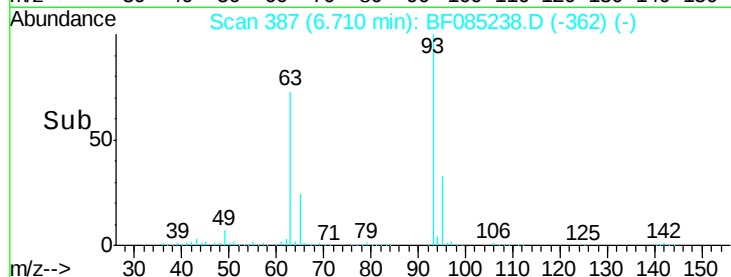
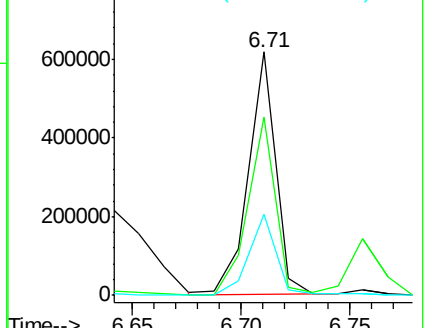
95 33.0 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 47.33 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.07 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

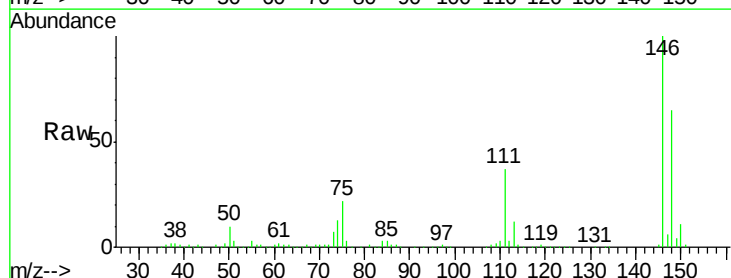
Tgt Ion: 146 Resp: 604962

Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

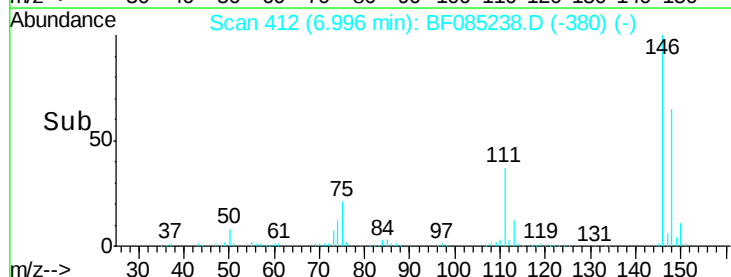
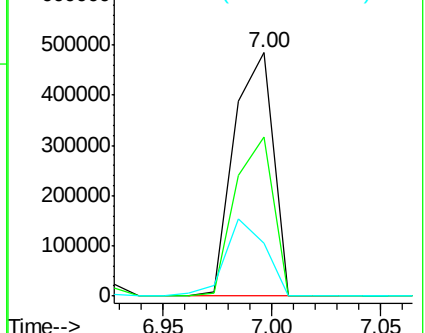
75 21.7 19.5 29.3

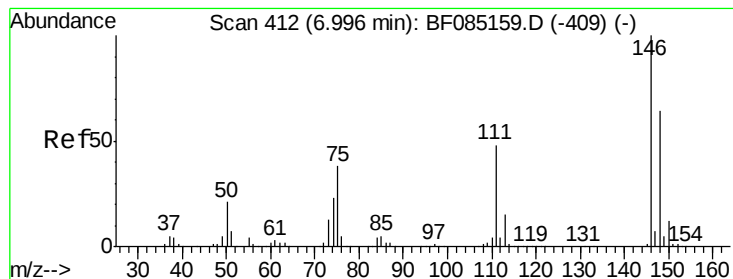


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 47.34 ng

RT: 6.92 min Scan# 405

Delta R.T. -0.08 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

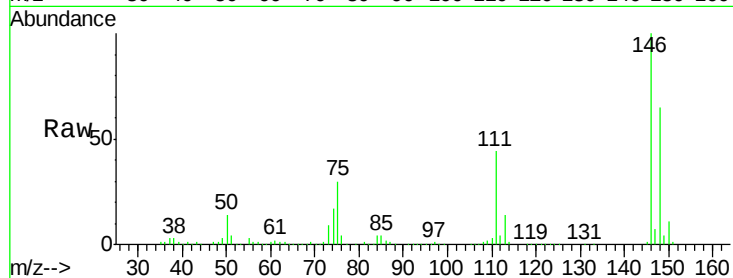
Tgt Ion:146 Resp: 606441

Ion Ratio Lower Upper

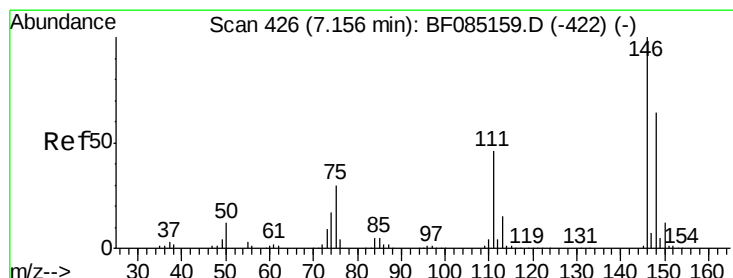
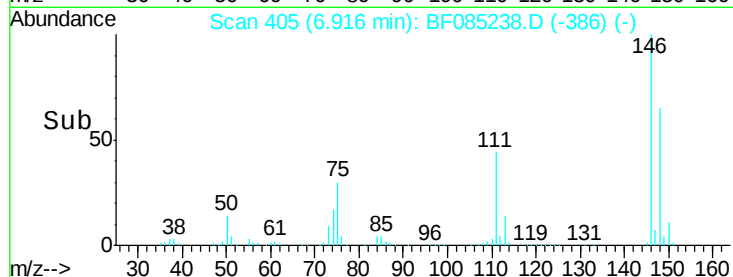
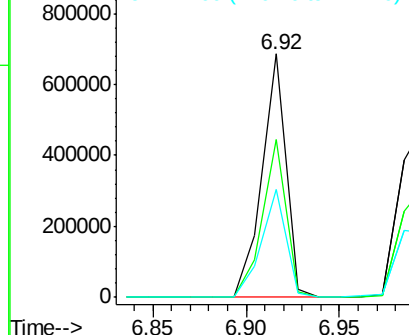
146 100

148 64.9 51.3 76.9

111 44.1 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.83 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

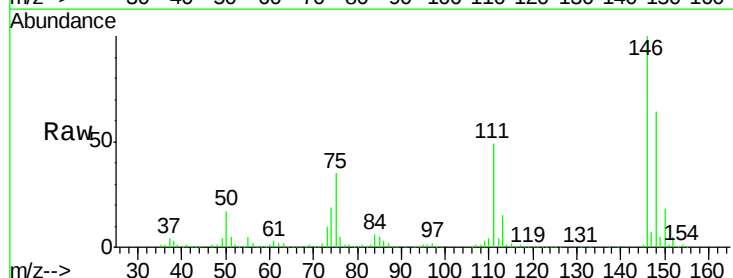
Tgt Ion:146 Resp: 532767

Ion Ratio Lower Upper

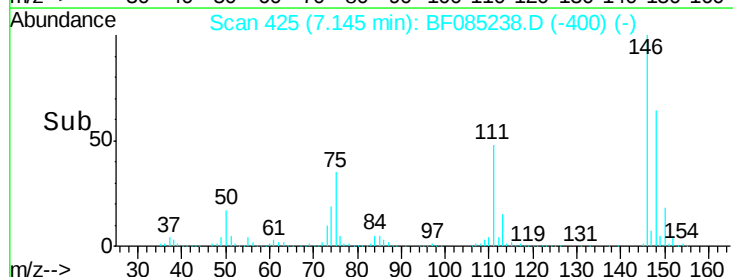
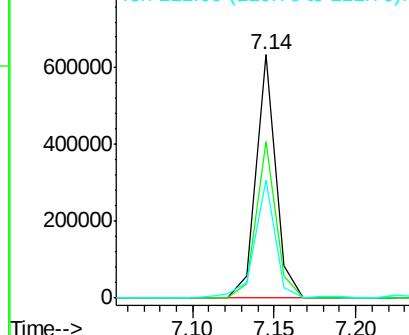
146 100

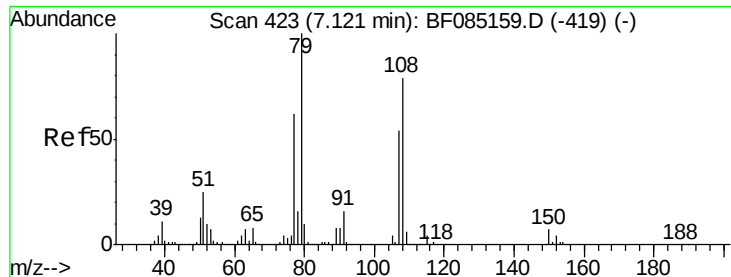
148 64.5 51.4 77.2

111 48.6 36.7 55.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.23 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

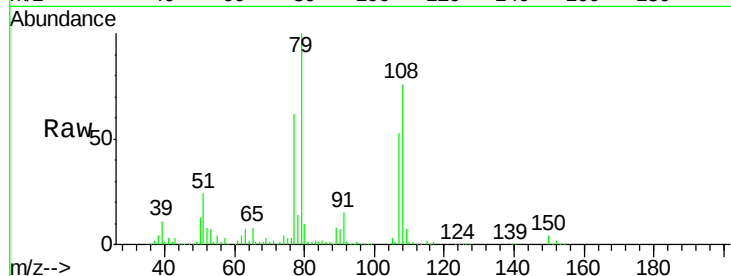
Tgt Ion: 79 Resp: 487242

Ion Ratio Lower Upper

79 100

108 75.9 62.9 94.3

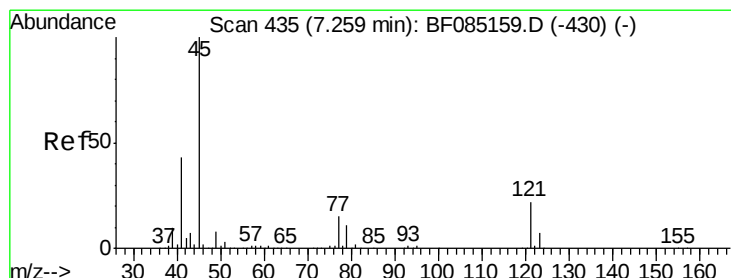
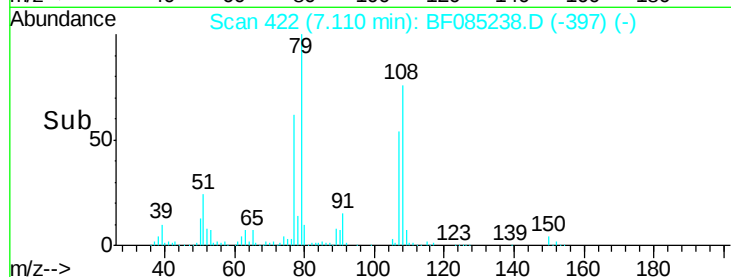
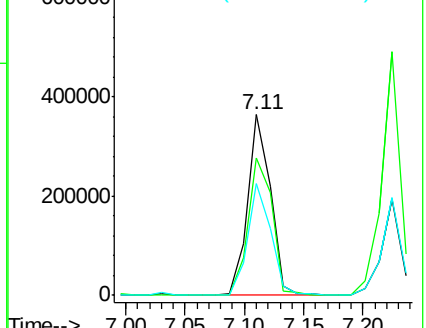
77 61.6 49.5 74.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.84 ng

RT: 7.25 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

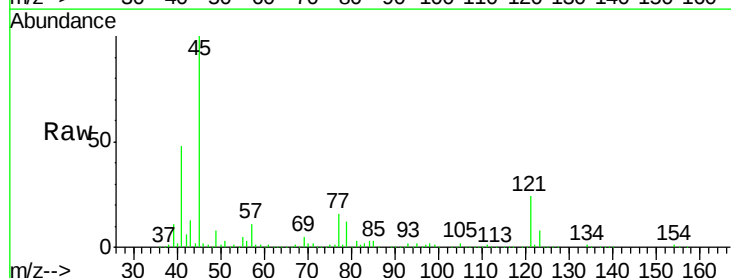
Tgt Ion: 45 Resp: 711677

Ion Ratio Lower Upper

45 100

77 16.3 0.0 35.1

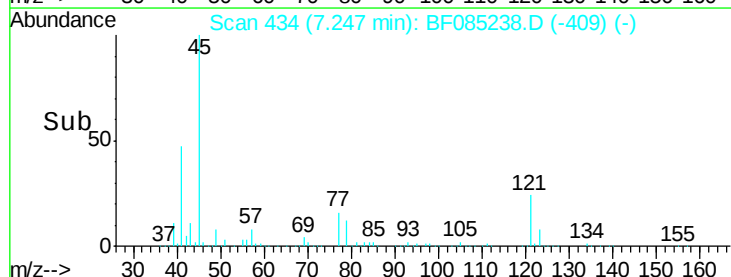
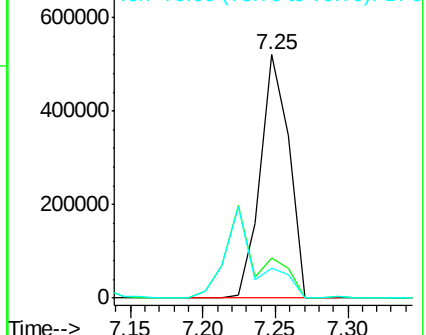
79 12.0 0.0 31.3

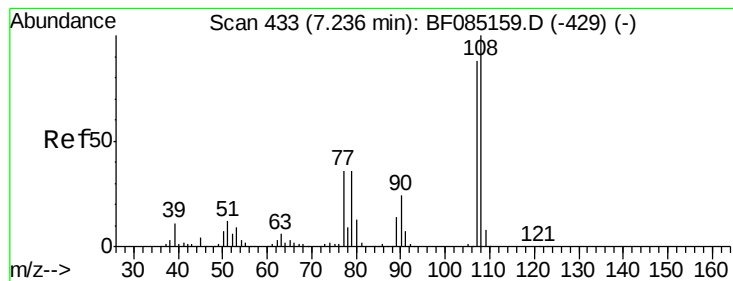


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

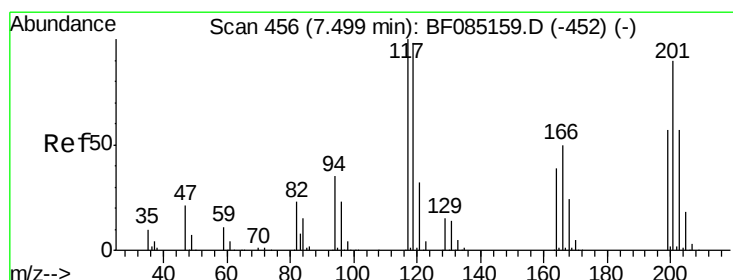
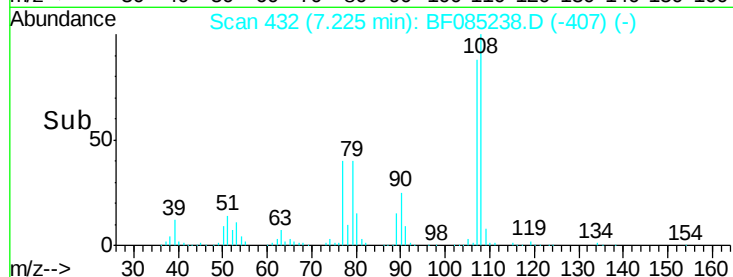
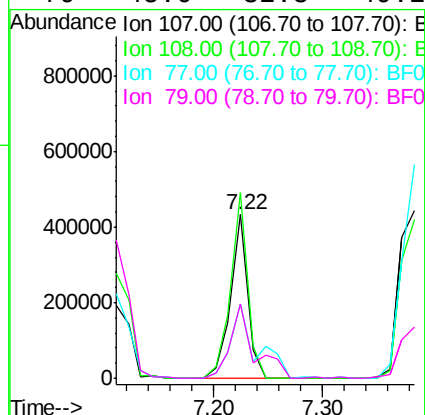
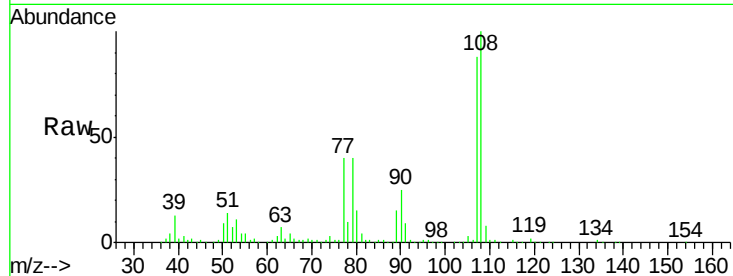




#17
2-Methylphenol
Concen: 47.94 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

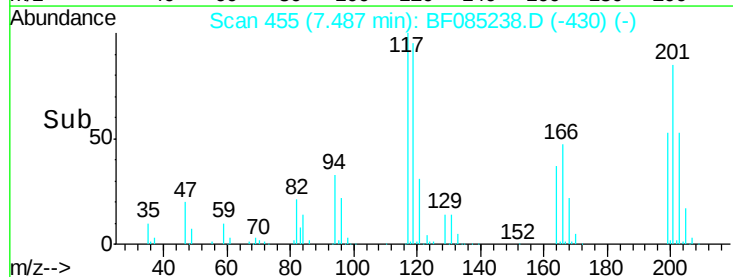
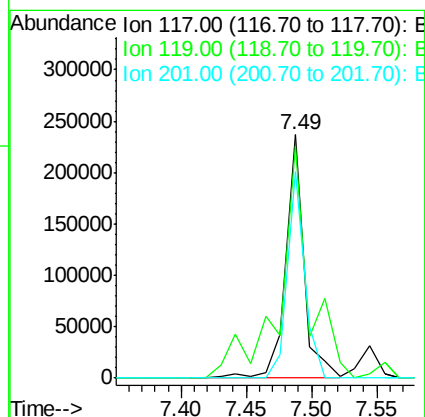
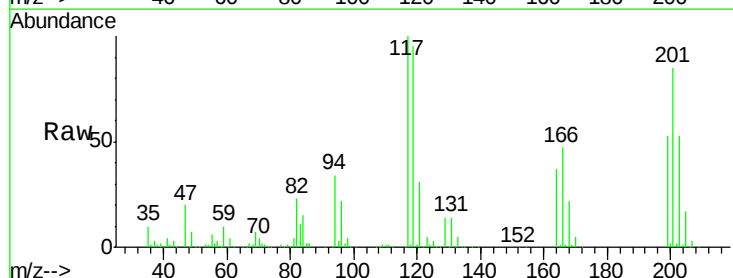
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP(0.5-5.0)MSD

Tgt Ion:107 Resp: 465750
Ion Ratio Lower Upper
107 100
108 113.3 90.9 136.3
77 45.7 32.6 48.8
79 45.0 32.8 49.2



#18
Hexachloroethane
Concen: 49.19 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:117 Resp: 232479
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.4
201 84.9 72.0 108.0

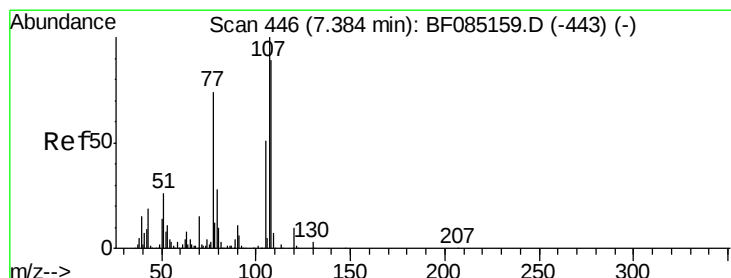
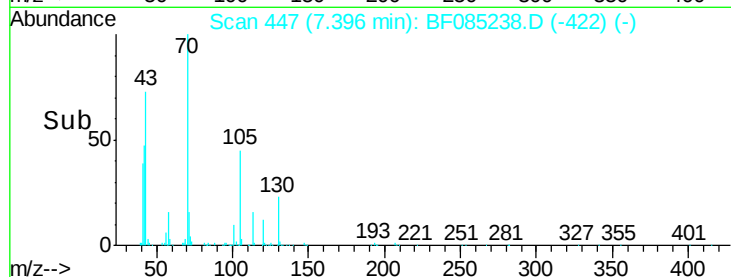
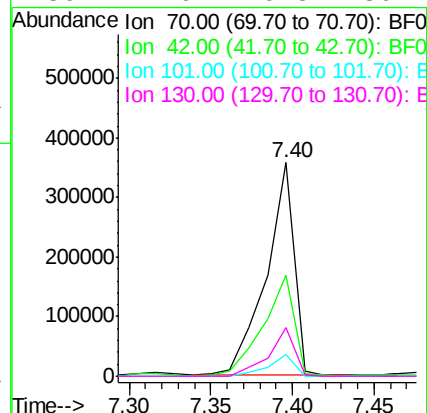
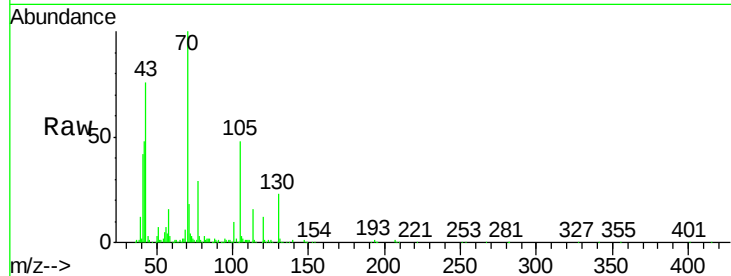




#19
n-Nitroso-di-n-propylamine
Concen: 50.58 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

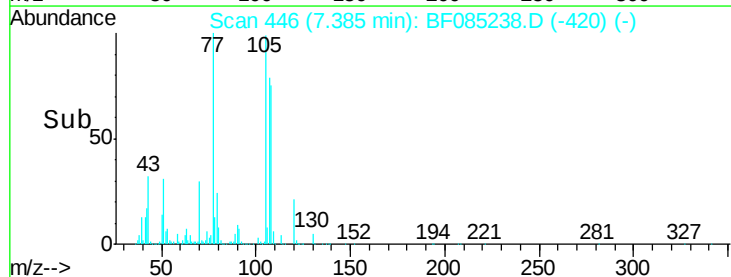
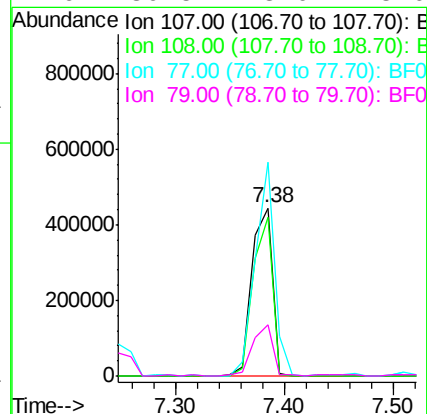
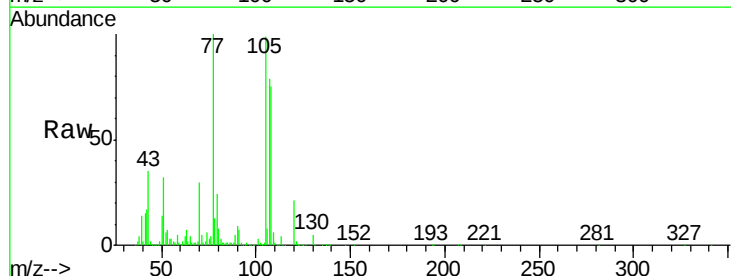
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP(0.5-5.0)MSD

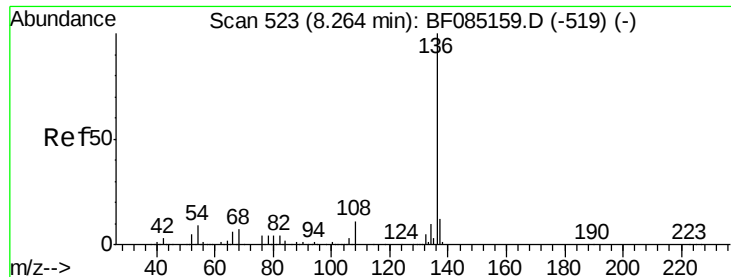
Tgt Ion:	70	Resp:	427115
Ion	Ratio	Lower	Upper
70	100		
42	47.5	37.7	56.5
101	10.2	8.2	12.4
130	22.9	20.5	30.7



#20
3+4-Methylphenols
Concen: 50.51 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:	107	Resp:	581282
Ion	Ratio	Lower	Upper
107	100		
108	94.7	68.8	108.8
77	127.0	53.6	93.6#
79	30.5	8.0	48.0

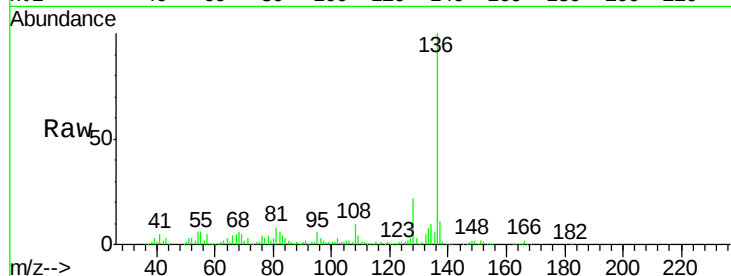




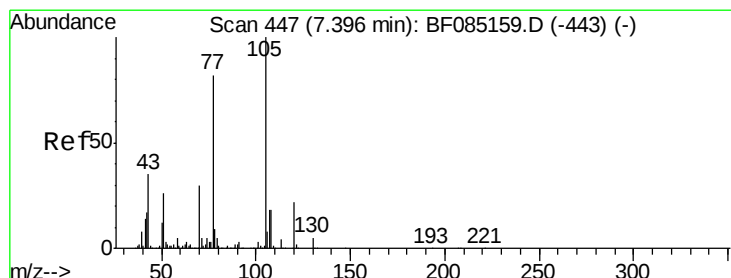
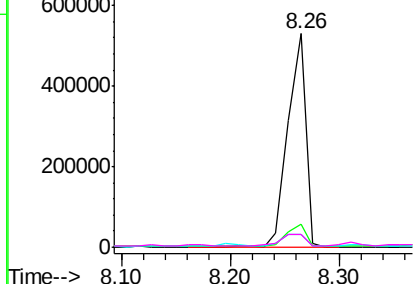
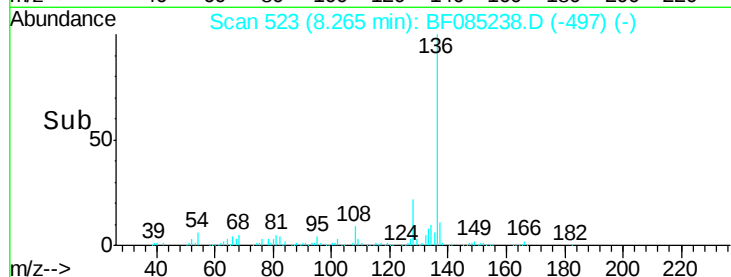
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP(0.5-5.0)MSD

Tgt Ion:	136	Resp:	615238
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	6.1	7.4	11.2#
68	5.9	6.0	9.0#

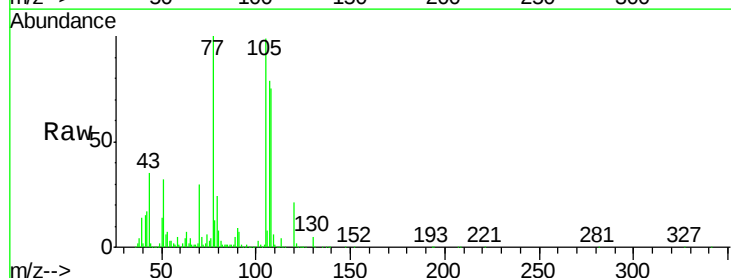


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

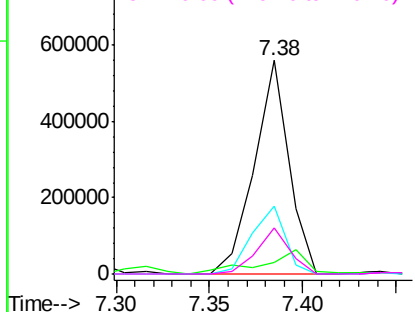
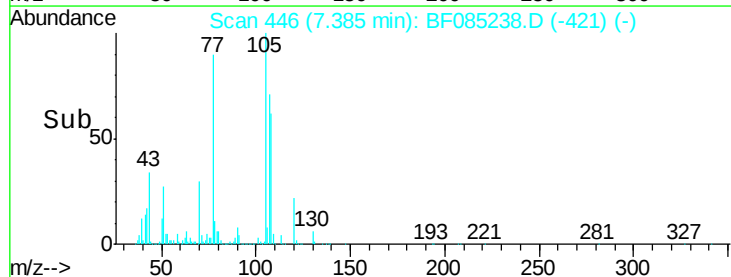


#22
Acetophenone
Concen: 47.78 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:	105	Resp:	717556
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.1	6.1
51	31.8	21.1	31.7#
120	21.4	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 104.91 ng

RT: 7.54 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

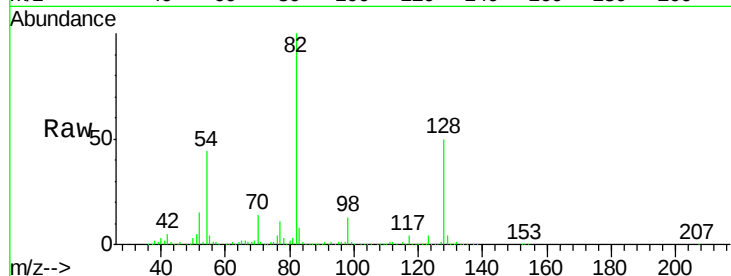
Tgt Ion: 82 Resp: 1206130

Ion Ratio Lower Upper

82 100

128 49.7 34.5 51.7

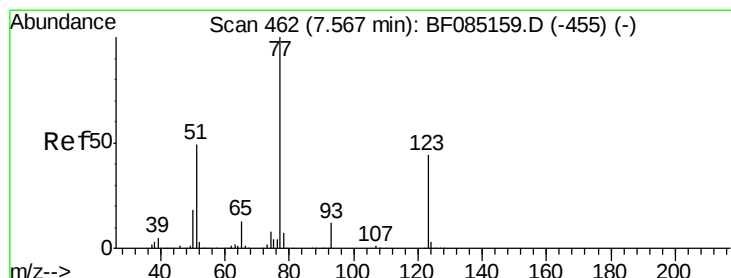
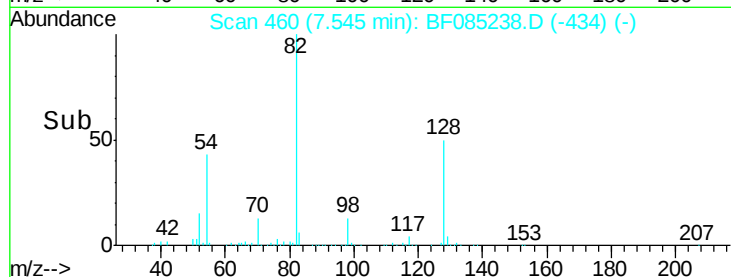
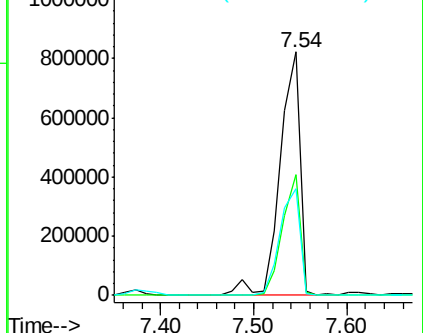
54 43.6 39.3 58.9



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



#24

Nitrobenzene

Concen: 45.96 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

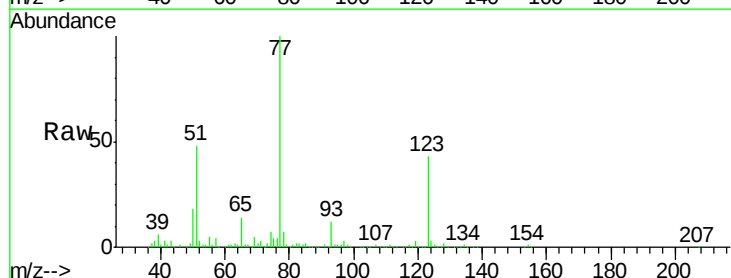
Tgt Ion: 77 Resp: 536793

Ion Ratio Lower Upper

77 100

123 42.7 35.4 53.2

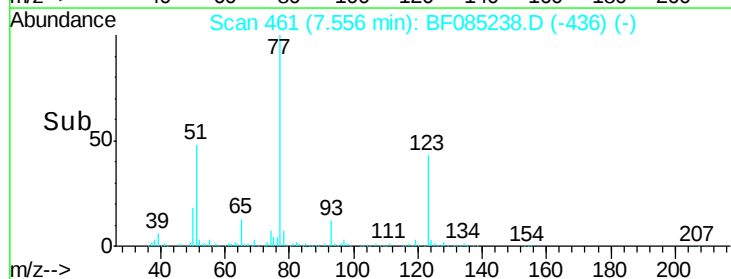
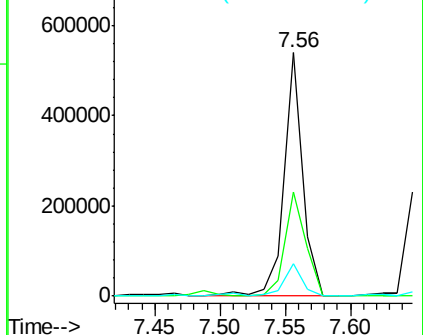
65 13.5 10.6 16.0

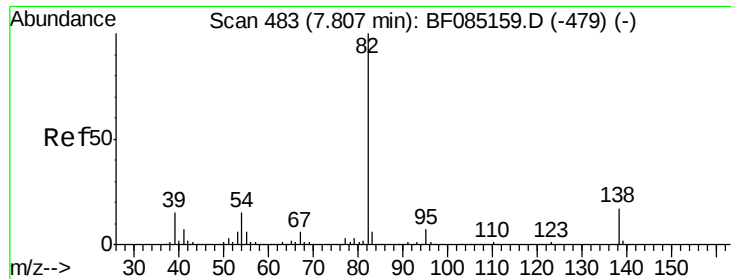


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 51.34 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP(0.5-5.0)MSD

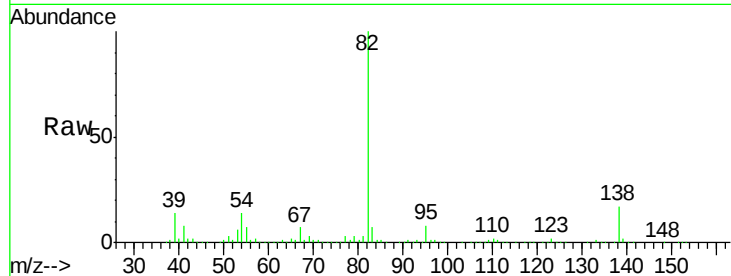
Tgt Ion: 82 Resp: 1093925

Ion Ratio Lower Upper

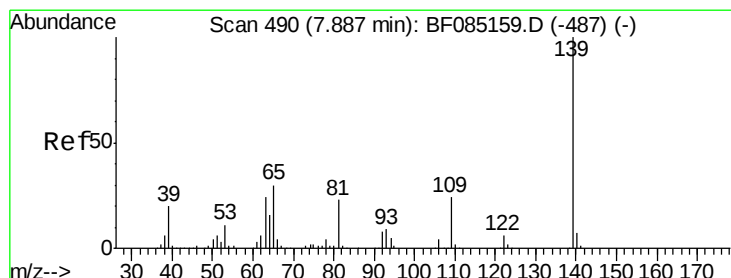
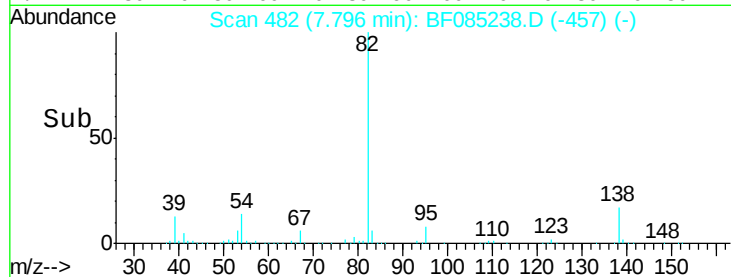
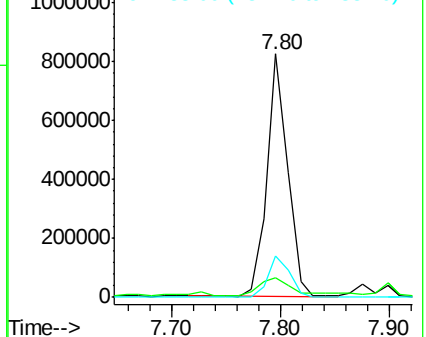
82 100

95 8.2 5.4 8.2

138 16.9 13.3 19.9



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



#26

2-Nitrophenol

Concen: 56.18 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085238.D

Acq: 5 Mar 2016 7:44

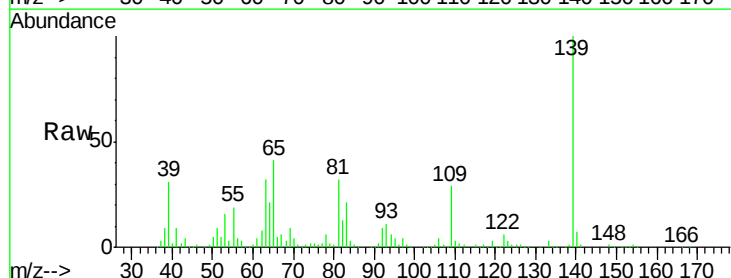
Tgt Ion: 139 Resp: 319324

Ion Ratio Lower Upper

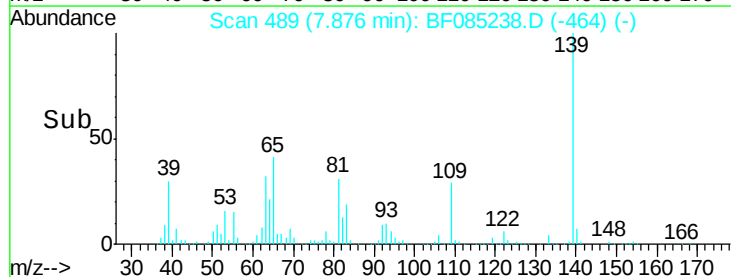
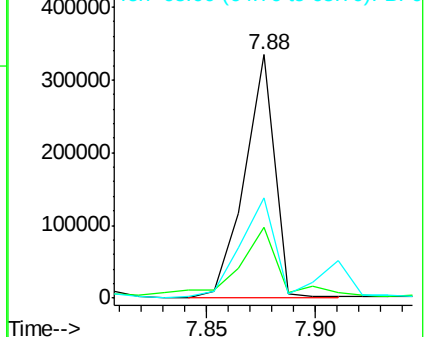
139 100

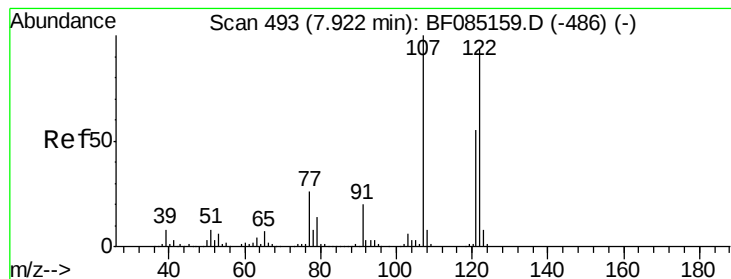
109 29.0 19.1 28.7#

65 41.3 23.9 35.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

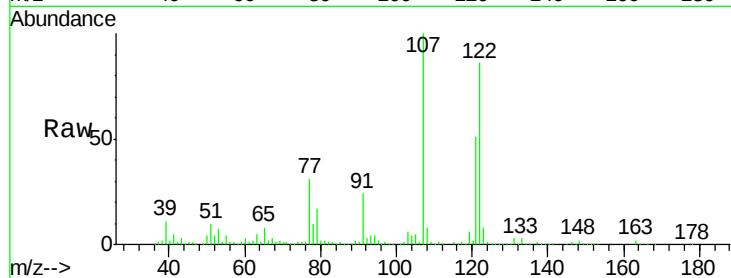




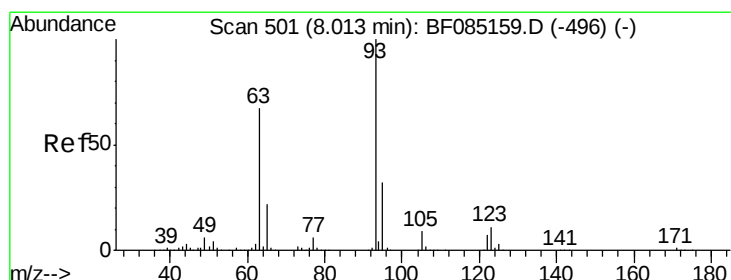
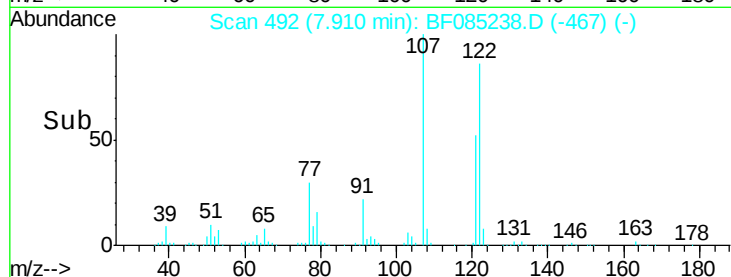
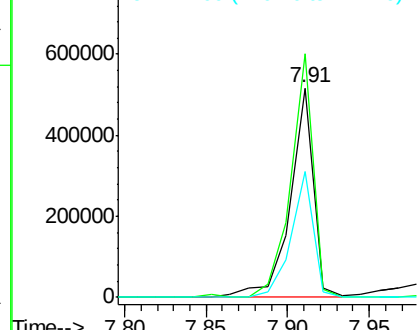
#27
 2,4-Dimethylphenol
 Concen: 49.95 ng
 RT: 7.91 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP(0.5-5.0)MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.2	84.8	127.2
121	59.8	47.0	70.6

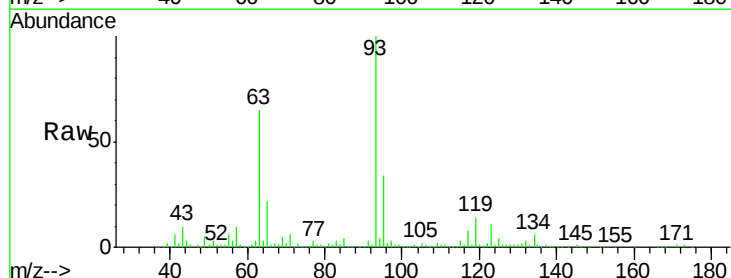


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

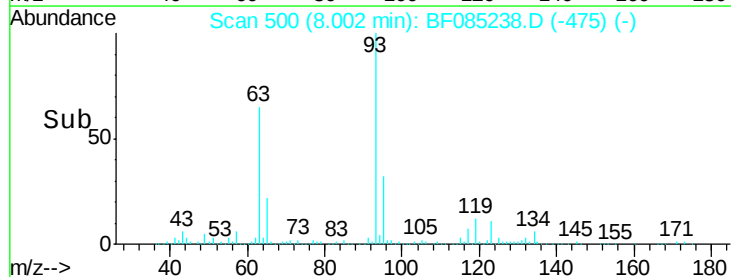
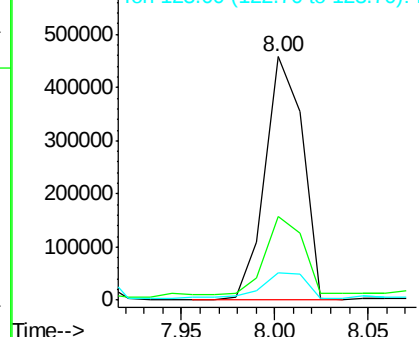


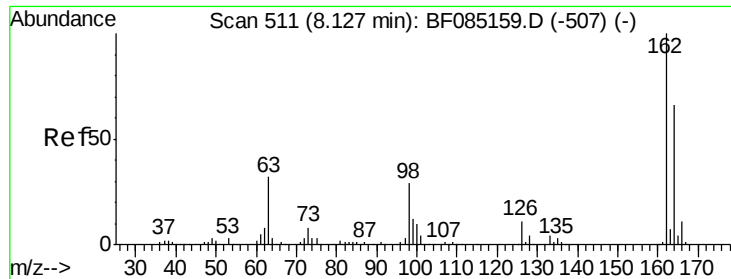
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.48 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF085238.D
 Acq: 5 Mar 2016 7:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.9	38.9
123	11.0	8.8	13.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

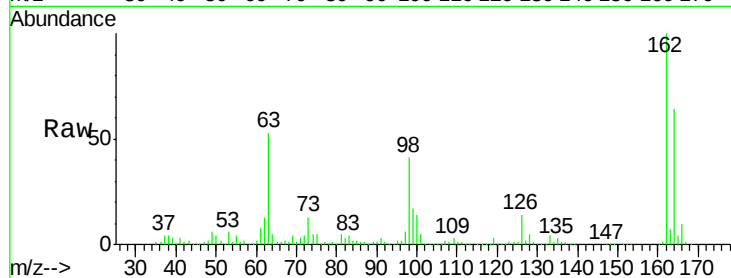




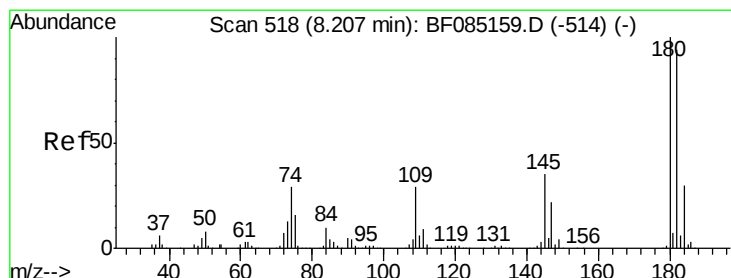
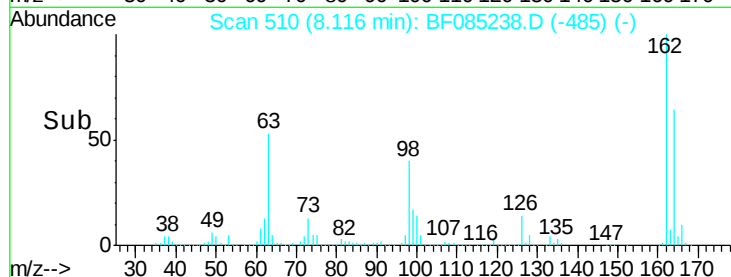
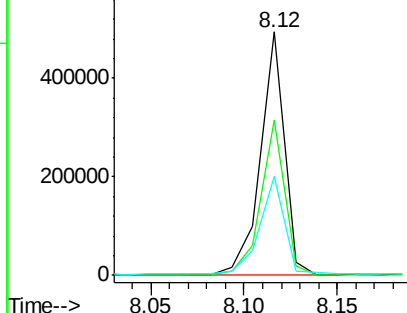
#29
2,4-Dichlorophenol
Concen: 52.47 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP(0.5-5.0)MSD

Tgt Ion:162 Resp: 439574
Ion Ratio Lower Upper
162 100
164 63.8 45.7 85.7
98 40.6 9.4 49.4

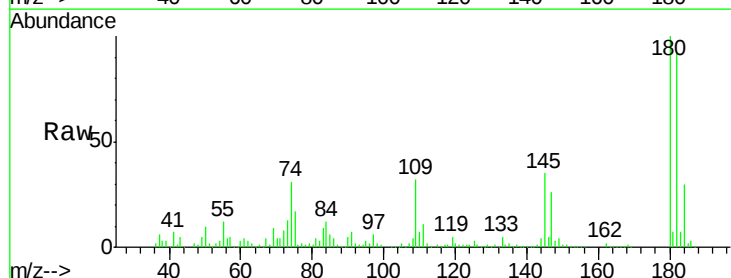


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 50.49 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF085238.D
Acq: 5 Mar 2016 7:44

Tgt Ion:180 Resp: 457277
Ion Ratio Lower Upper
180 100
182 92.4 74.9 112.3
145 35.3 27.9 41.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

