

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085670.D
 Acq On : 22 Mar 2016 20:39
 Operator : UM/SJ
 Sample : PB89080BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89080BS

Quant Time: Mar 22 23:58:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123895	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	501952	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	253243	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	482254	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	392810	20.00	ng	-0.02
86) Perylene-d12	15.41	264	267394	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	862096	116.88	ng	-0.01
7) Phenol-d6	6.47	99	1099180	116.19	ng	-0.02
23) Nitrobenzene-d5	7.40	82	719565	83.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	292386	117.87	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1345922	92.79	ng	-0.02
78) Terphenyl-d14	12.94	244	1288472	78.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	111915	31.21	ng	99
3) Pyridine	3.21	79	325288	36.95	ng	95
4) n-Nitrosodimethylamine	3.17	42	139184	37.87	ng	97
6) Aniline	6.49	93	208748	16.43	ng	# 78
8) 2-Chlorophenol	6.62	128	356927	41.83	ng	99
9) Benzaldehyde	6.38	77	51702	8.71	ng	94
10) Phenol	6.48	94	366267	33.99	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	331321	40.79	ng	99
12) 1,3-Dichlorobenzene	7.01	146	338210	36.37	ng	98
13) 1,4-Dichlorobenzene	6.85	146	349041	36.80	ng	99
14) 1,2-Dichlorobenzene	7.01	146	338446	40.19	ng	98
15) Benzyl Alcohol	6.97	79	273877	42.27	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	411185	38.49	ng	97
17) 2-Methylphenol	7.10	107	300036	42.42	ng	99
18) Hexachloroethane	7.34	117	131605	38.43	ng	# 80
19) n-Nitroso-di-n-propylamine	7.25	70	228048	40.35	ng	93
20) 3+4-Methylphenols	7.25	107	328934	40.15	ng	96
22) Acetophenone	7.25	105	437854	36.76	ng	# 98
24) Nitrobenzene	7.42	77	370078	39.10	ng	96
25) Isophorone	7.66	82	682899	39.44	ng	98
26) 2-Nitrophenol	7.74	139	201173	43.00	ng	98
27) 2,4-Dimethylphenol	7.77	122	325106	39.30	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	444507	45.14	ng	100
29) 2,4-Dichlorophenol	7.98	162	296151	43.35	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	289682	37.86	ng	98
31) Naphthalene	8.14	128	966323	38.14	ng	100
32) Benzoic acid	7.91	122	216264	31.27	ng	93
33) 4-Chloroaniline	8.20	127	74603	7.18	ng	98
34) Hexachlorobutadiene	8.26	225	153440	37.62	ng	98
35) Caprolactam	8.56	113	61940	26.35	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	355539	44.56	ng	92
37) 2-Methylnaphthalene	8.84	142	701781	45.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	259458	33.78	ng	97
40) Hexachlorocyclopentadiene	8.98	237	254522	73.51	ng	99

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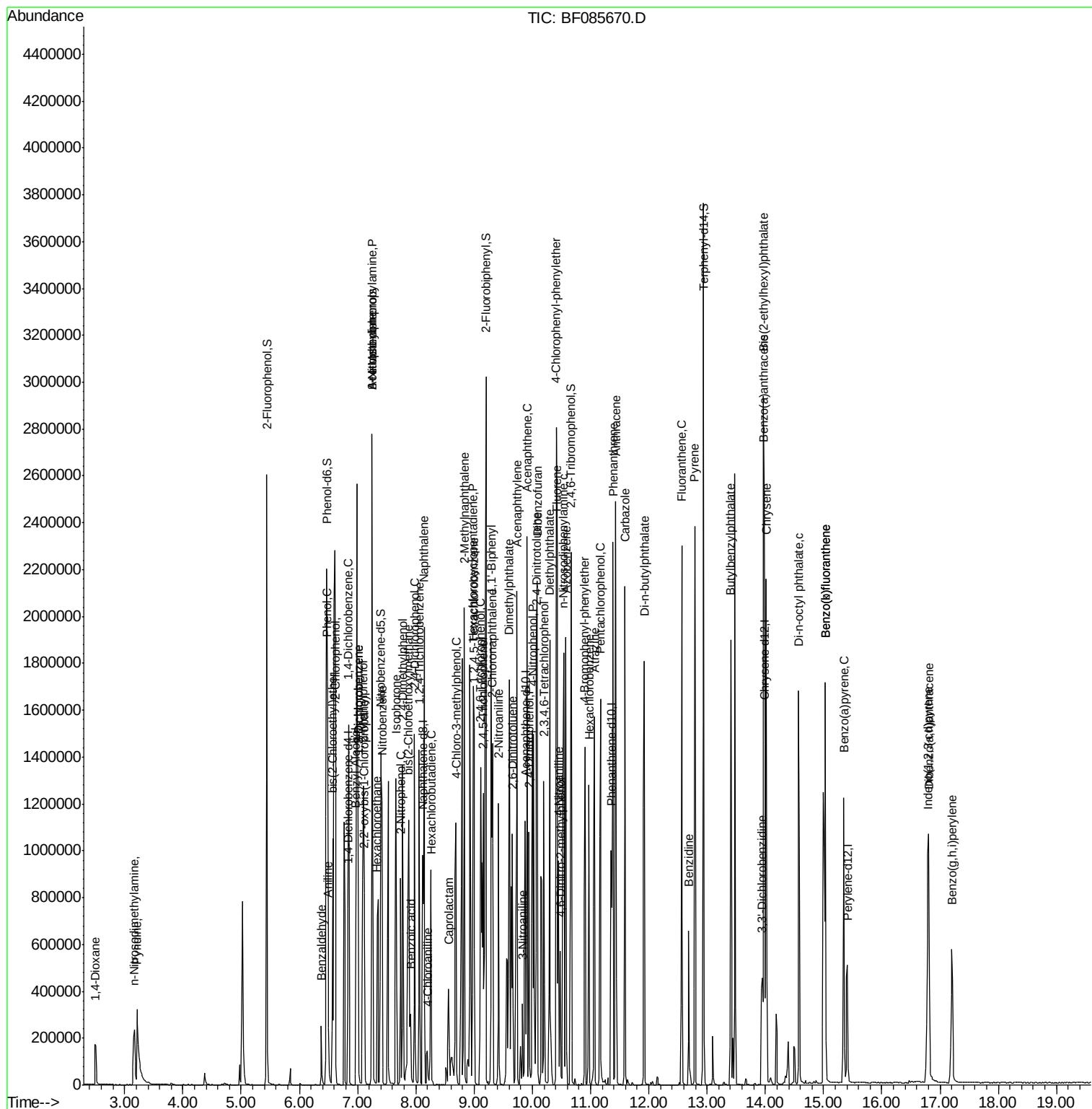
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42) 2,4,6-Trichlorophenol	9.11	196	198238	37.70	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	213035	39.81	ng #	85
45) 1,1'-Biphenyl	9.29	154	746069	34.15	ng	99
46) 2-Chloronaphthalene	9.32	162	599561	37.57	ng #	90
47) 2-Nitroaniline	9.42	65	197344	40.88	ng	99
48) Acenaphthylene	9.74	152	1056421	40.91	ng	100
49) Dimethylphthalate	9.60	163	741495	38.80	ng	100
50) 2,6-Dinitrotoluene	9.66	165	157249	38.98	ng	96
51) Acenaphthene	9.91	154	638002	39.37	ng	99
52) 3-Nitroaniline	9.83	138	65425	12.95	ng	88
53) 2,4-Dinitrophenol	9.94	184	185089	74.89	ng #	72
54) Dibenzofuran	10.08	168	891798	45.19	ng	99
55) 4-Nitrophenol	10.00	139	280533	71.84	ng	98
56) 2,4-Dinitrotoluene	10.07	165	237397	44.94	ng #	76
57) Fluorene	10.42	166	692274	42.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	161782	41.99	ng	99
59) Diethylphthalate	10.30	149	739657	38.93	ng	98
60) 4-Chlorophenyl-phenylether	10.41	204	312137	38.86	ng	96
61) 4-Nitroaniline	10.45	138	184539	37.05	ng	91
62) Azobenzene	10.57	77	793333	43.51	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	120206	38.95	ng #	53
65) n-Nitrosodiphenylamine	10.54	169	645374	42.96	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	212197	44.05	ng	92
67) Hexachlorobenzene	10.97	284	226891	44.33	ng	94
68) Atrazine	11.06	200	218961	47.87	ng	99
69) Pentachlorophenol	11.17	266	241675	77.77	ng	99
70) Phenanthrene	11.38	178	1114563	43.83	ng	99
71) Anthracene	11.43	178	976862	36.64	ng	99
72) Carbazole	11.59	167	1009978	43.91	ng	99
73) Di-n-butylphthalate	11.92	149	1247446	43.31	ng	99
74) Fluoranthene	12.56	202	1011758	38.00	ng	97
76) Benzidine	12.69	184	273800	20.73	ng	98
77) Pyrene	12.79	202	1004941	35.63	ng	99
79) Butylbenzylphthalate	13.41	149	474850	35.32	ng #	75
80) Benzo(a)anthracene	13.98	228	908868	39.86	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	135924	16.26	ng #	94
82) Chrysene	14.01	228	693594	31.62	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	606332	36.30	ng #	97
84) Di-n-octyl phthalate	14.57	149	1054840	38.75	ng	98
85) Indeno(1,2,3-cd)pyrene	16.79	276	580368	31.66	ng	99
87) Benzo(b)fluoranthene	15.03	252	1394305	79.91	ng	98
88) Benzo(k)fluoranthene	15.03	252	1395259	97.06	ng	99
89) Benzo(a)pyrene	15.35	252	625133	42.26	ng	98
90) Dibenzo(a,h)anthracene	16.80	278	486669	39.45	ng	99
91) Benzo(g,h,i)perylene	17.20	276	476216	39.88	ng	97

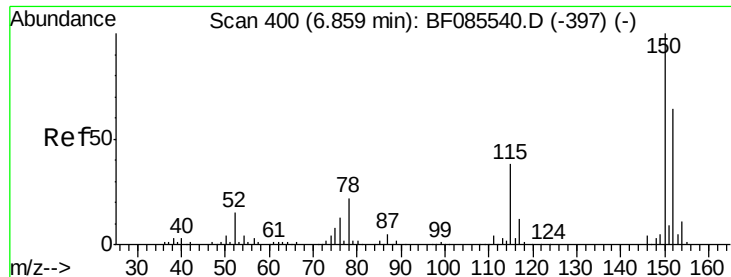
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 8      Sample Multiplier: 1
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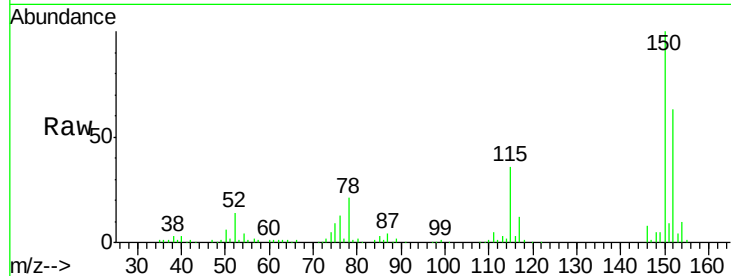


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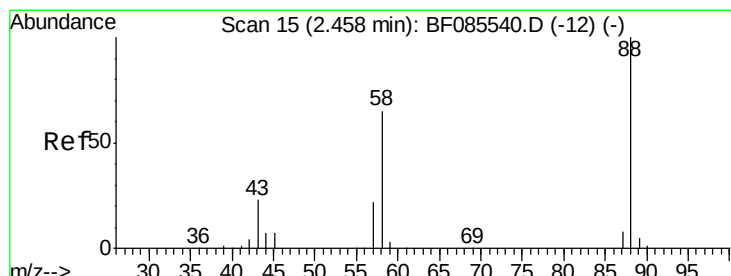
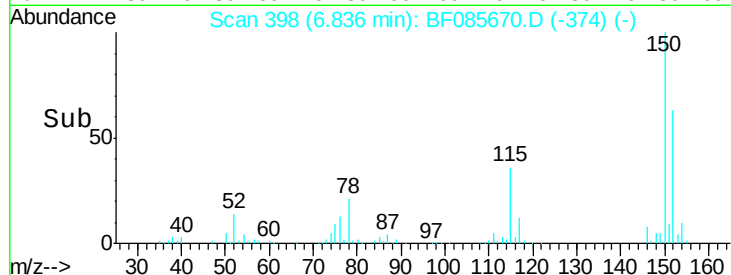
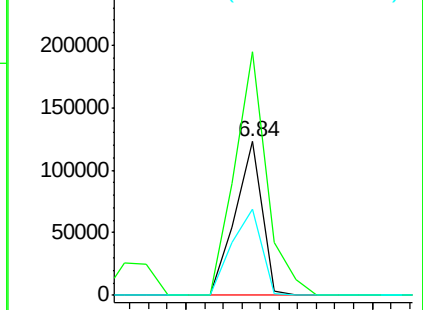
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

Instrument :
BNA_F
ClientSampleId :
PB89080BS

Tgt Ion:152 Resp: 123895
Ion Ratio Lower Upper
152 100
150 158.7 124.2 186.2
115 56.5 47.0 70.6



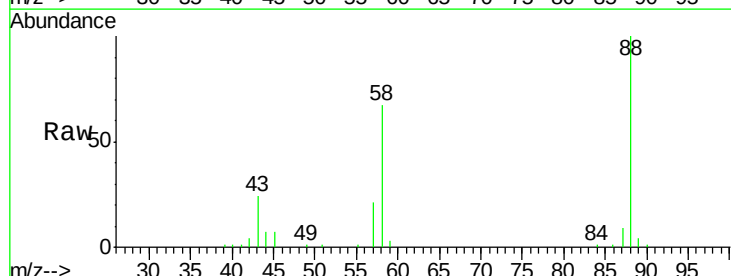
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



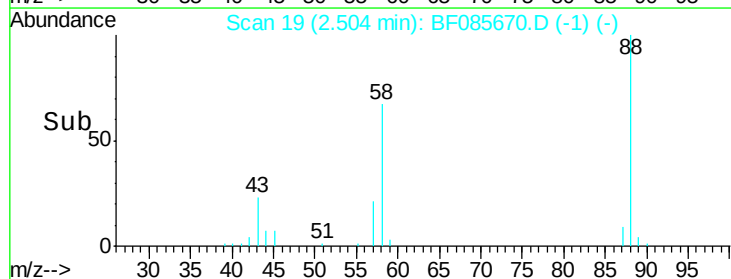
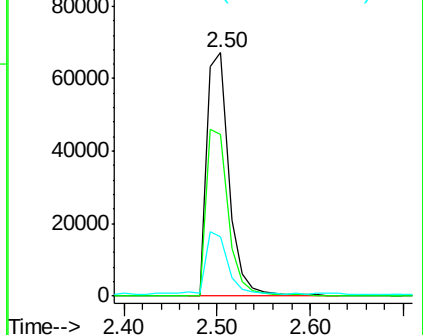
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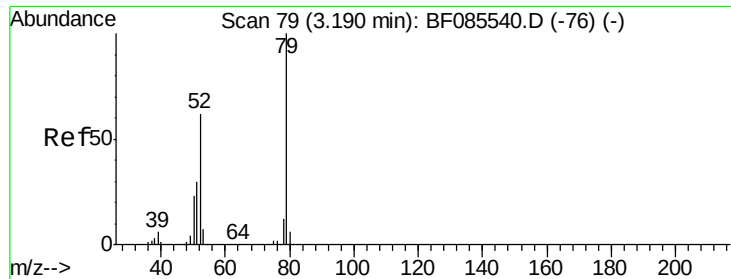
1,4-Dioxane
Concen: 31.21 ng
RT: 2.50 min Scan# 19
Delta R.T. 0.05 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

Tgt Ion: 88 Resp: 111915
Ion Ratio Lower Upper
88 100
58 68.9 54.2 81.2
43 24.8 19.3 28.9



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: 36.95 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

BNA_F

ClientSampleId :

PB89080BS

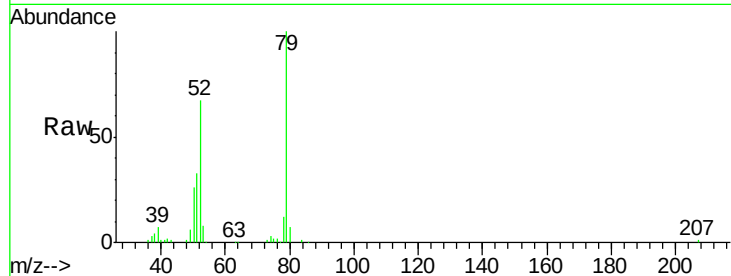
Tgt Ion: 79 Resp: 325288

Ion Ratio Lower Upper

79 100

52 66.8 49.8 74.6

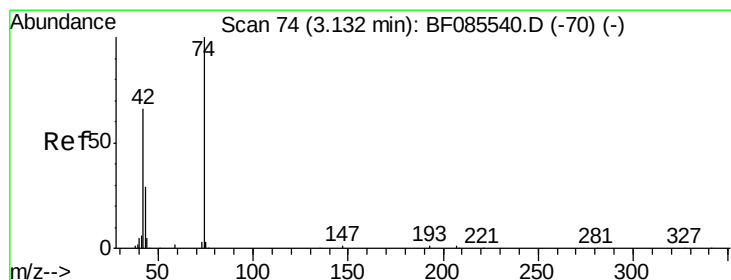
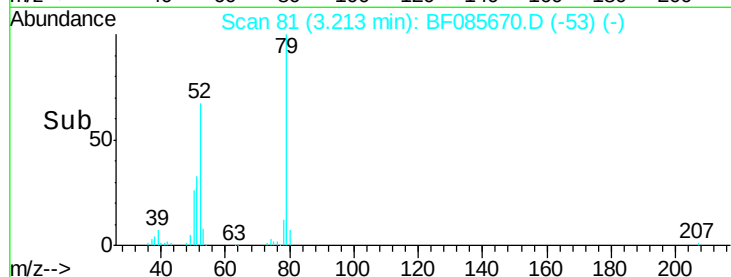
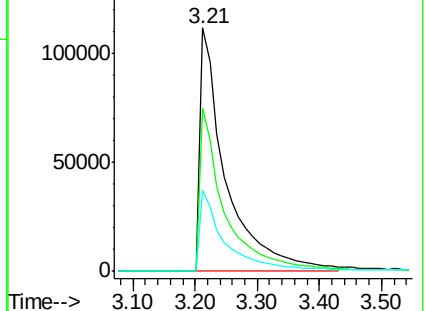
51 33.1 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.87 ng

RT: 3.17 min Scan# 77

Delta R.T. 0.03 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

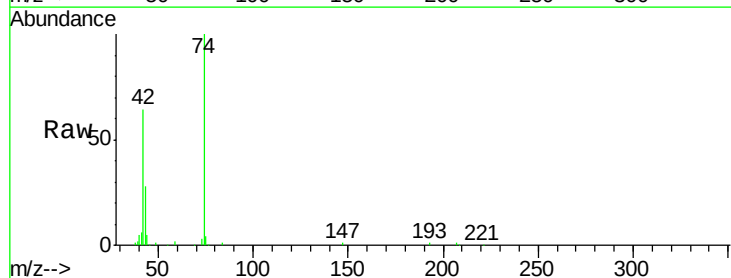
Tgt Ion: 42 Resp: 139184

Ion Ratio Lower Upper

42 100

74 155.2 121.4 182.2

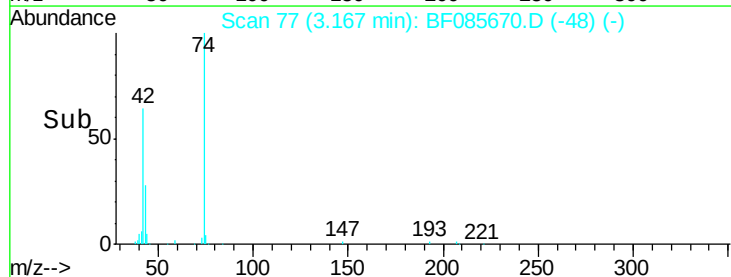
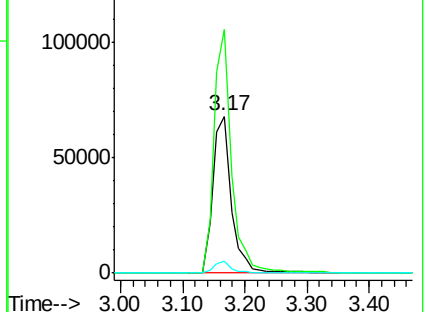
44 7.3 5.6 8.4

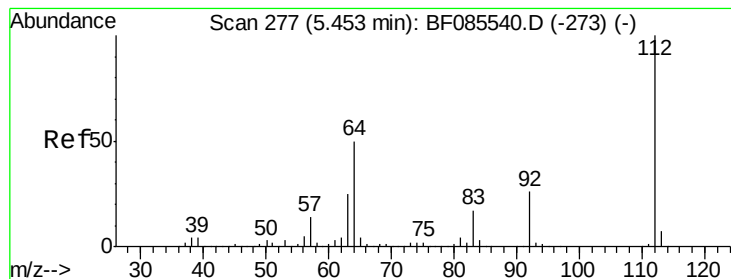


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.88 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

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PB89080BS

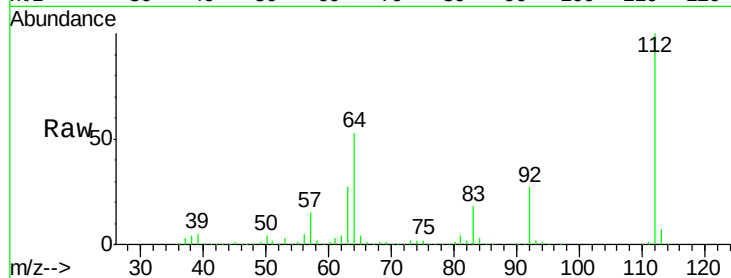
Tgt Ion: 112 Resp: 862096

Ion Ratio Lower Upper

112 100

64 52.9 39.9 59.9

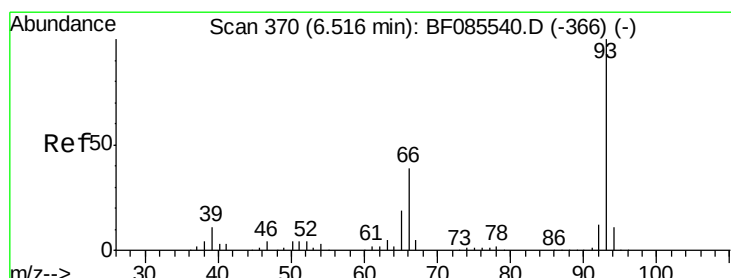
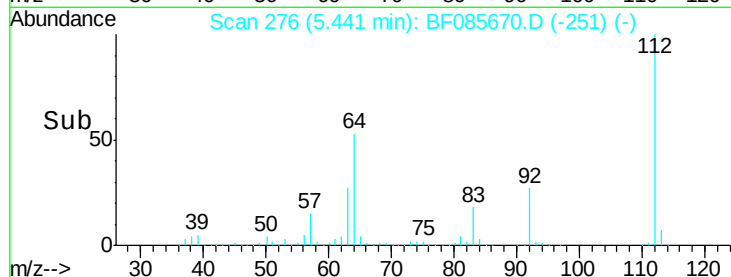
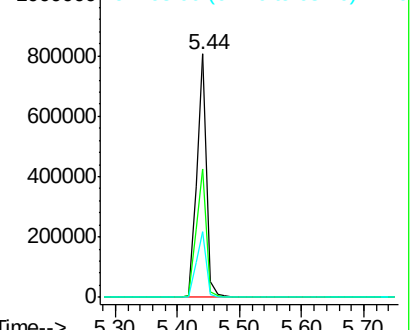
63 27.2 20.2 30.2



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



#6

Aniline

Concen: 16.43 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

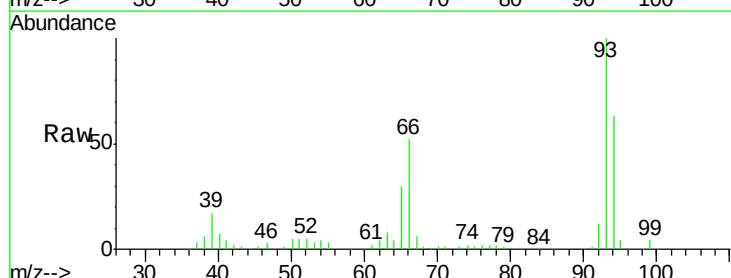
Tgt Ion: 93 Resp: 208748

Ion Ratio Lower Upper

93 100

66 52.1 31.4 47.2#

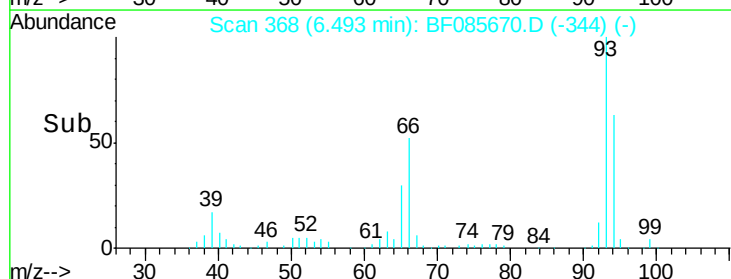
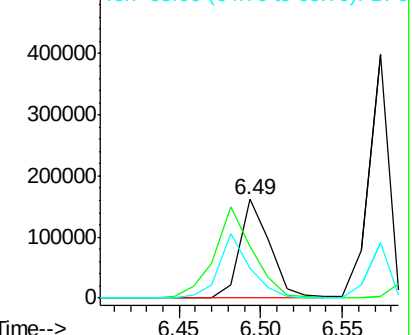
65 30.0 15.7 23.5#

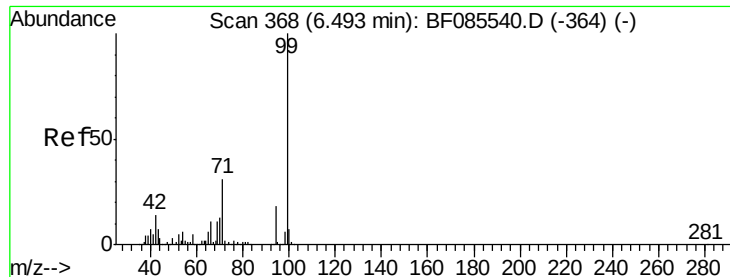


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.19 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085670.D

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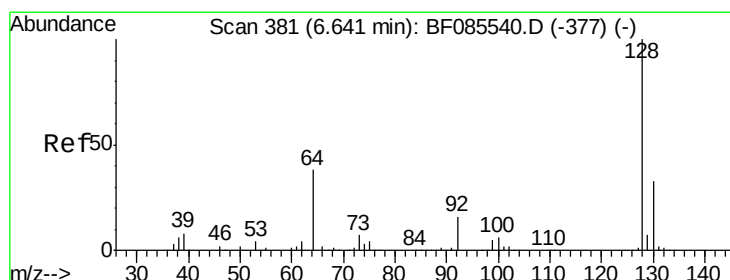
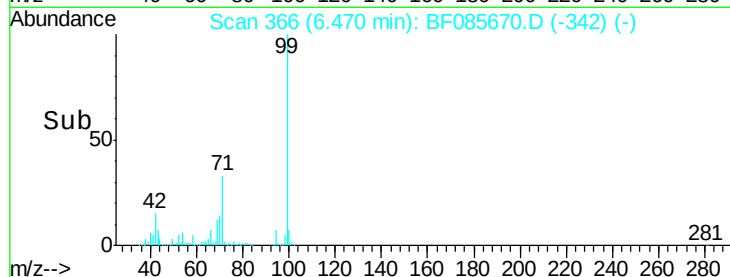
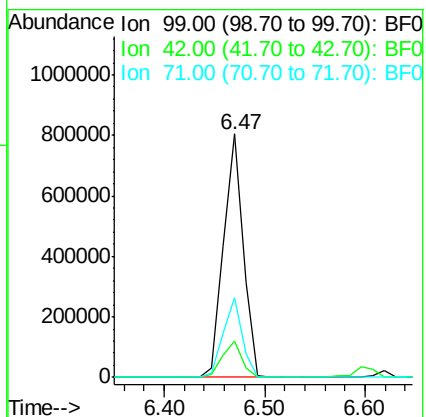
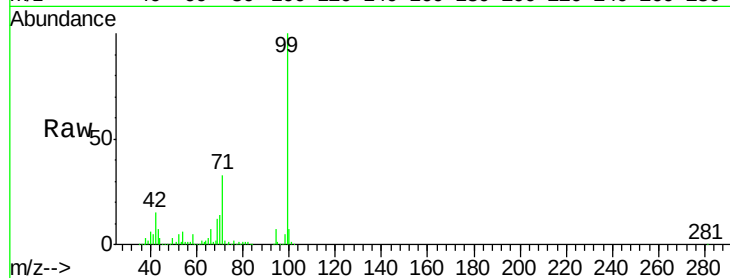
Tgt Ion: 99 Resp: 1099180

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

71 32.6 24.9 37.3



#8

2-Chlorophenol

Concen: 41.83 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

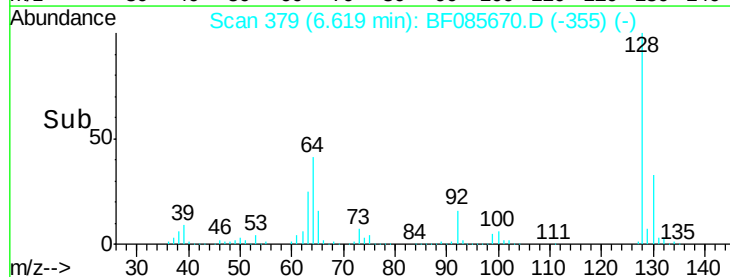
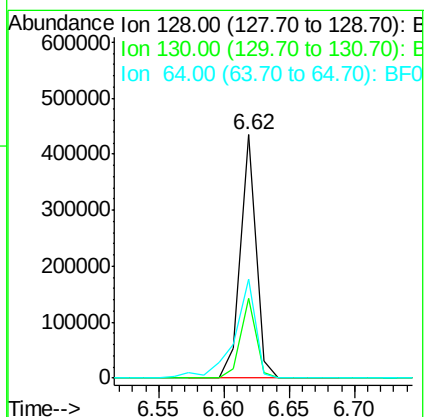
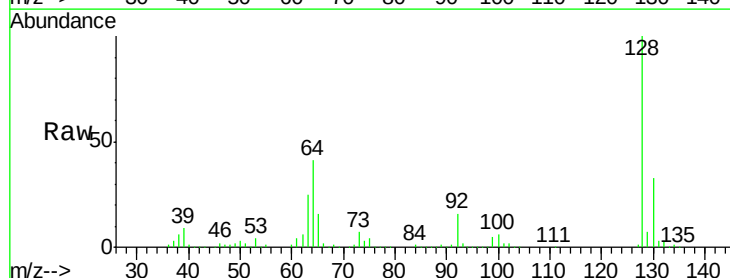
Tgt Ion: 128 Resp: 356927

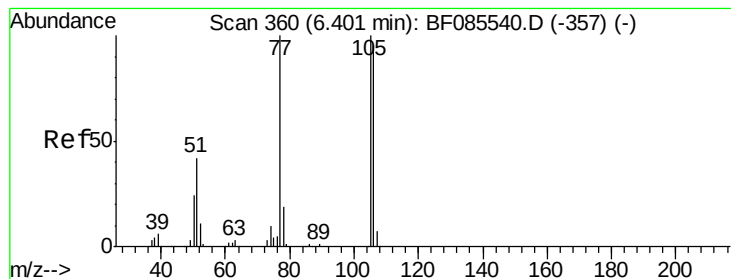
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 40.8 20.2 60.2





#9

Benzaldehyde

Concen: 8.71 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

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BNA_F

ClientSampleId :

PB89080BS

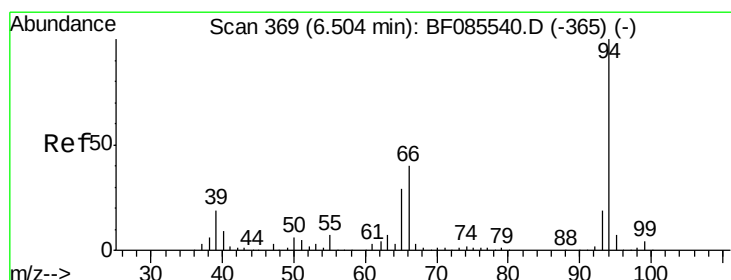
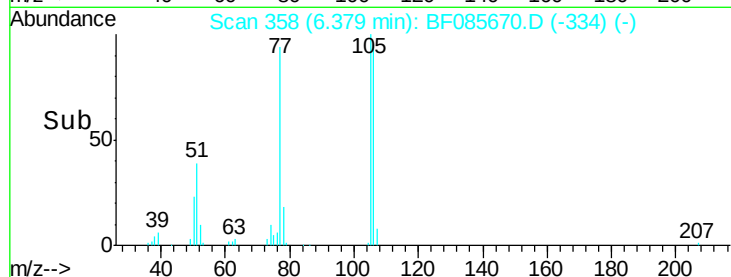
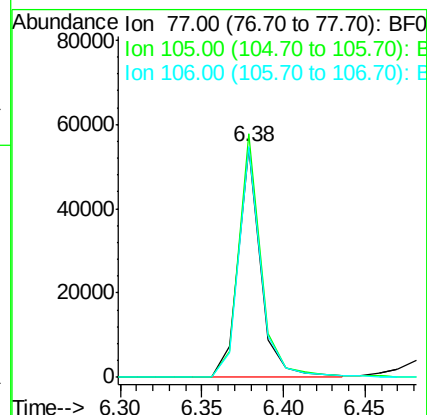
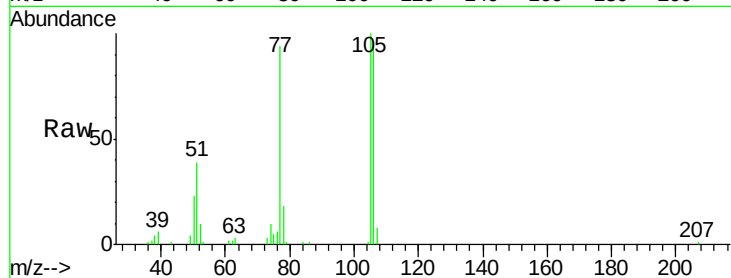
Tgt Ion: 77 Resp: 51702

Ion Ratio Lower Upper

77 100

105 105.9 80.1 120.1

106 100.5 75.0 115.0



#10

Phenol

Concen: 33.99 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

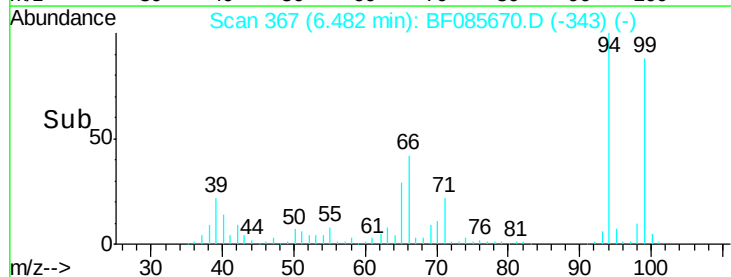
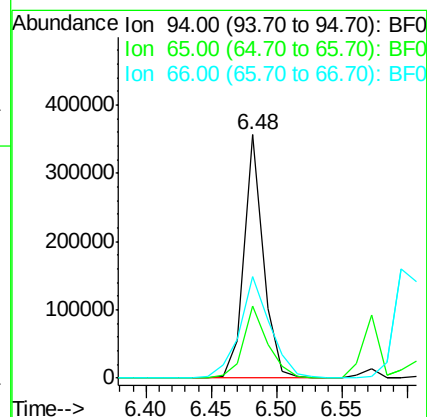
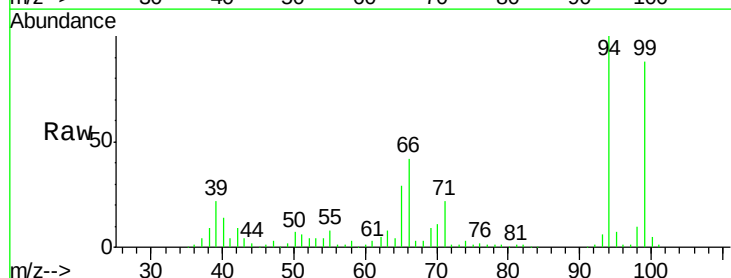
Tgt Ion: 94 Resp: 366267

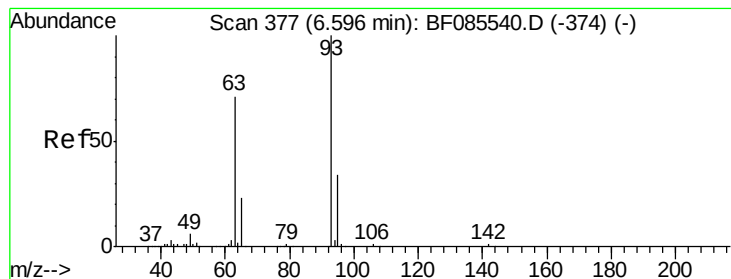
Ion Ratio Lower Upper

94 100

65 29.4 8.6 48.6

66 41.7 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 40.79 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

BNA_F

ClientSampleId :

PB89080BS

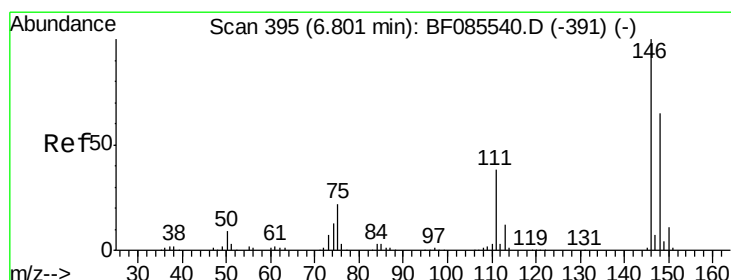
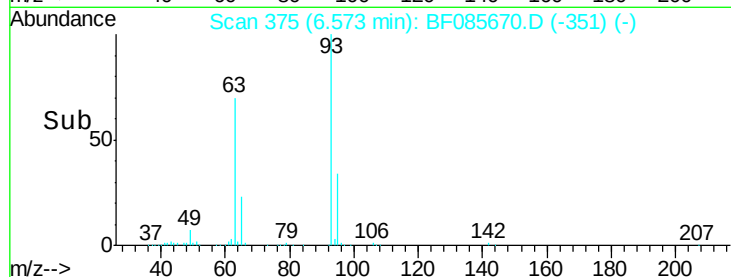
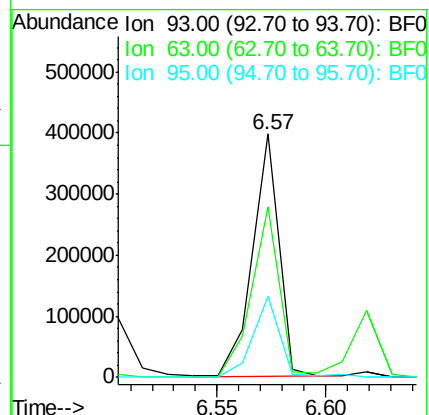
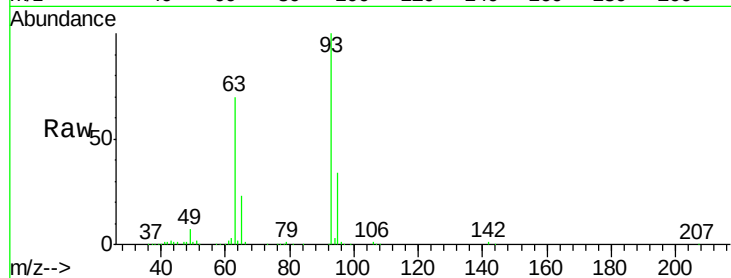
Tgt Ion: 93 Resp: 331321

Ion Ratio Lower Upper

93 100

63 70.1 50.9 90.9

95 33.5 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 36.37 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

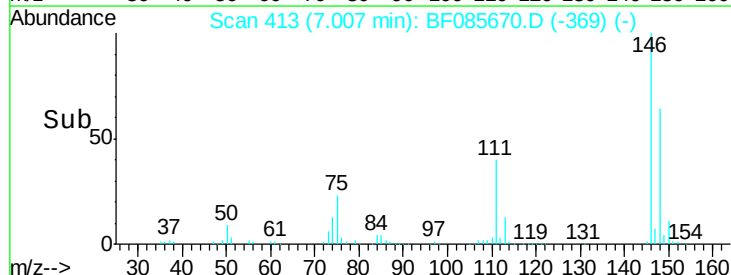
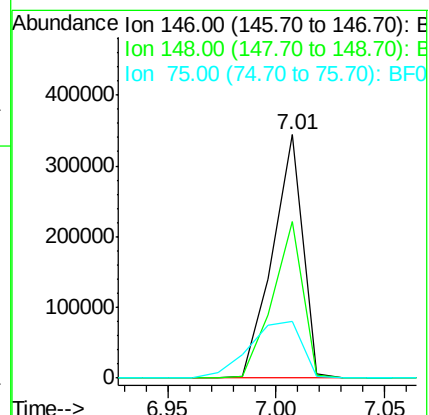
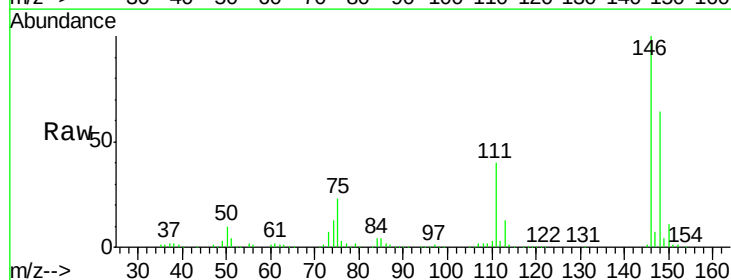
Tgt Ion: 146 Resp: 338210

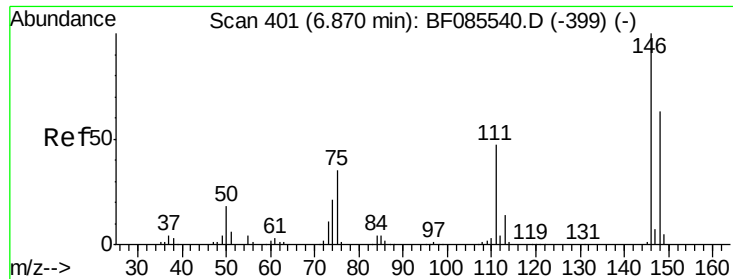
Ion Ratio Lower Upper

146 100

148 64.1 52.3 78.5

75 23.1 17.4 26.2

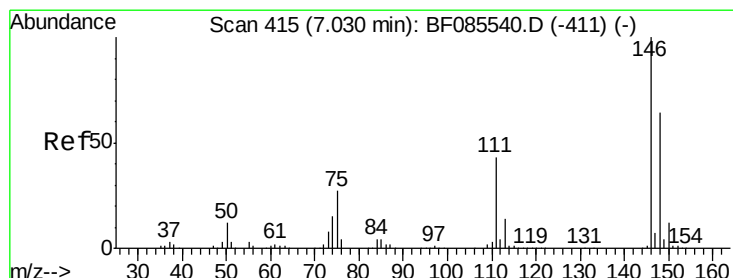
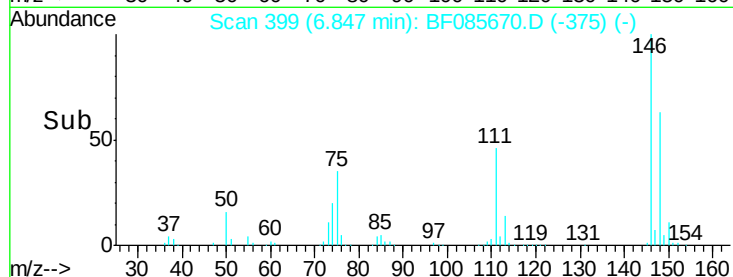
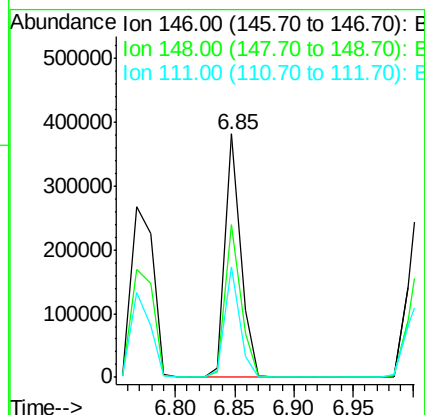
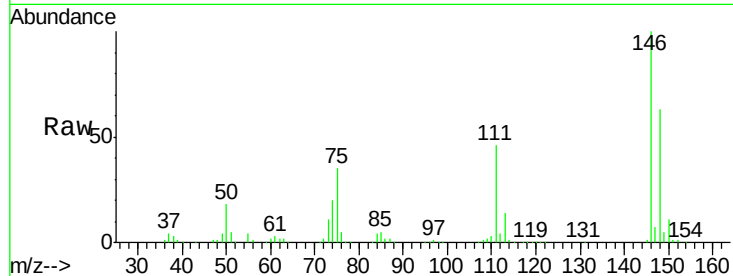




#13
 1,4-Dichlorobenzene
 Concen: 36.80 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.02 min
 Lab File: BF085670.D
 Acq: 22 Mar 2016 20:39

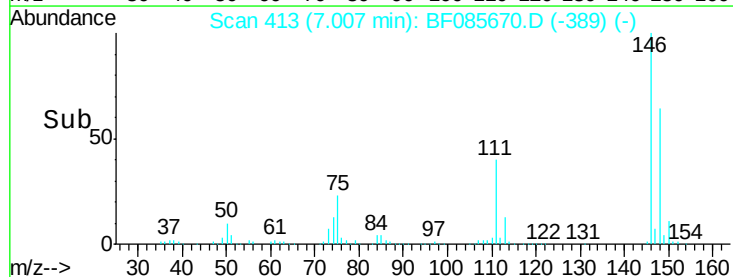
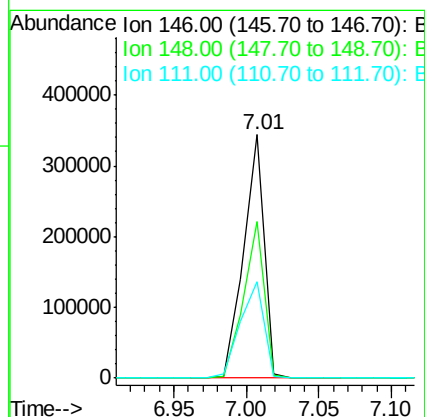
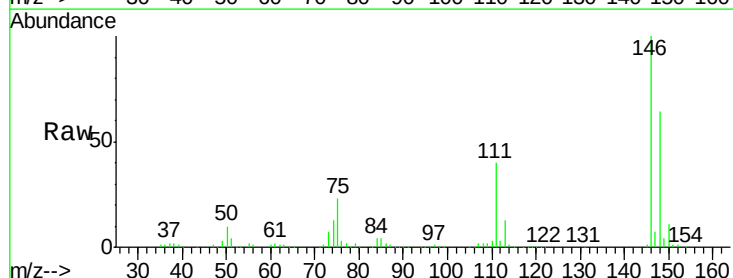
Instrument :
 BNA_F
 ClientSampleId :
 PB89080BS

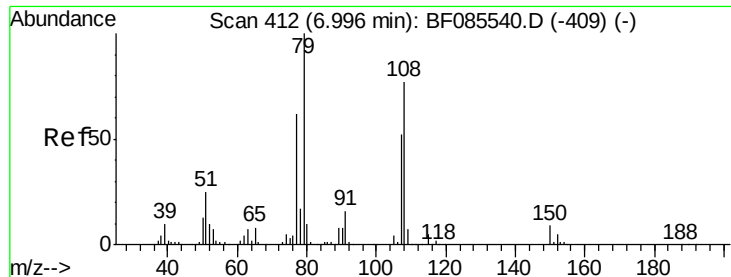
Tgt Ion:146 Resp: 349041
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 45.6 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.19 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF085670.D
 Acq: 22 Mar 2016 20:39

Tgt Ion:146 Resp: 338446
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.2
 111 39.6 34.6 52.0





#15

Benzyl Alcohol

Concen: 42.27 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

BNA_F

ClientSampleId :

PB89080BS

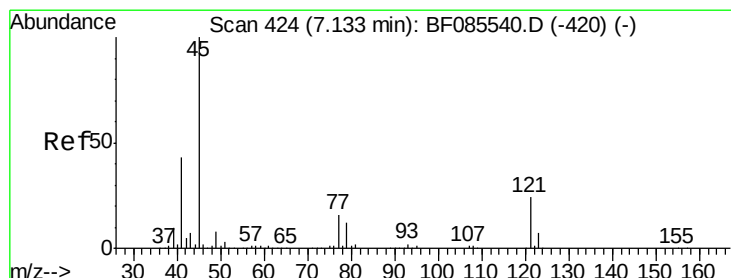
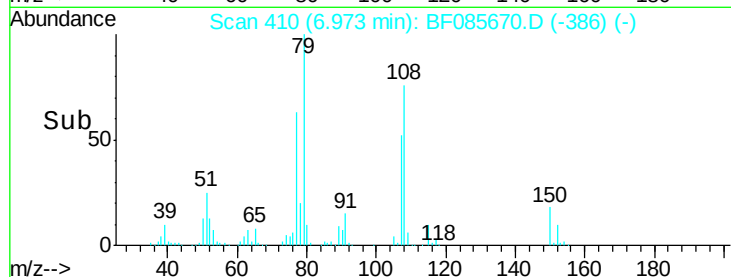
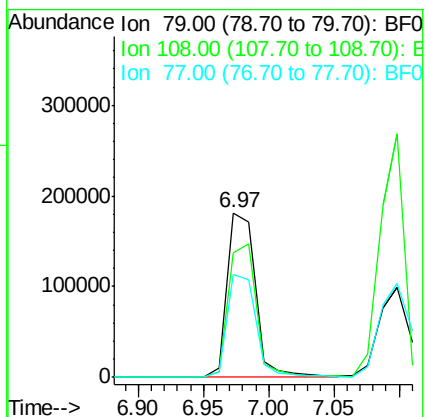
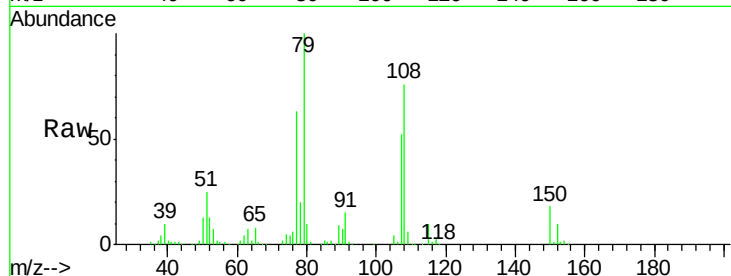
Tgt Ion: 79 Resp: 273877

Ion Ratio Lower Upper

79 100

108 75.7 61.8 92.6

77 62.6 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.49 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

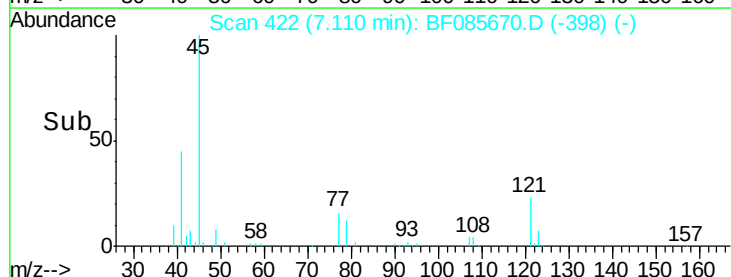
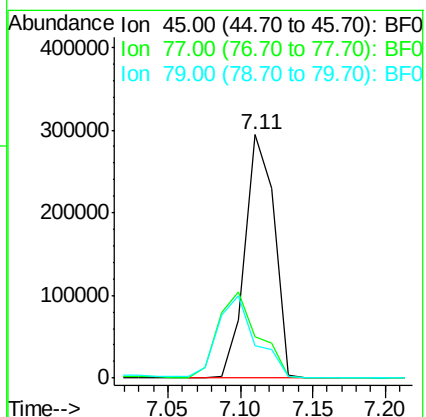
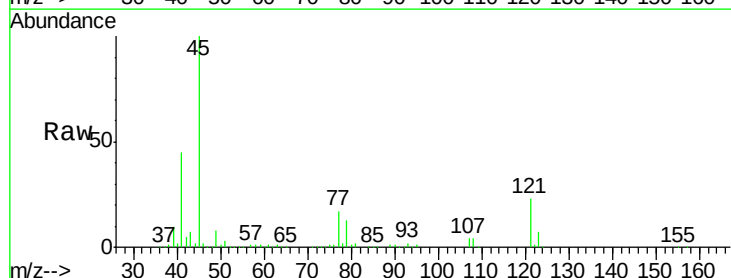
Tgt Ion: 45 Resp: 411185

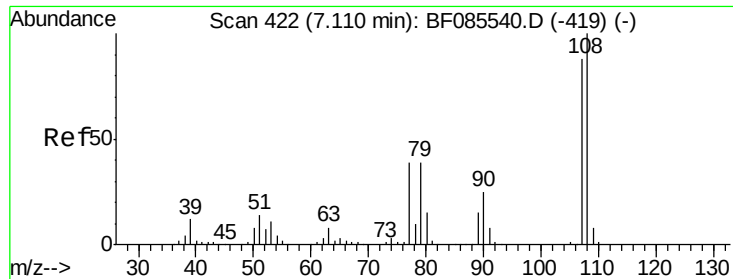
Ion Ratio Lower Upper

45 100

77 17.2 0.0 35.7

79 13.1 0.0 32.2

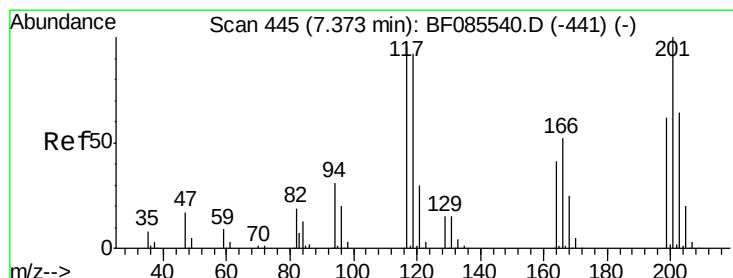
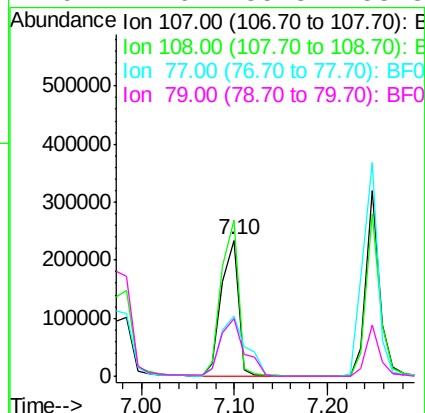
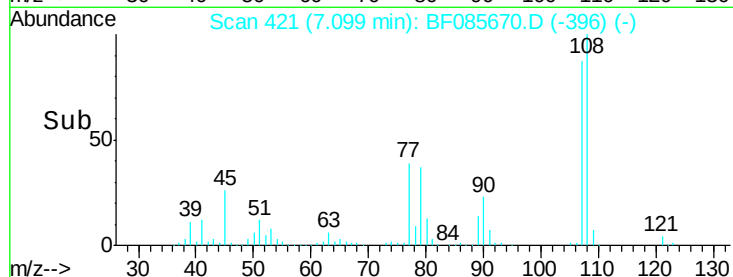
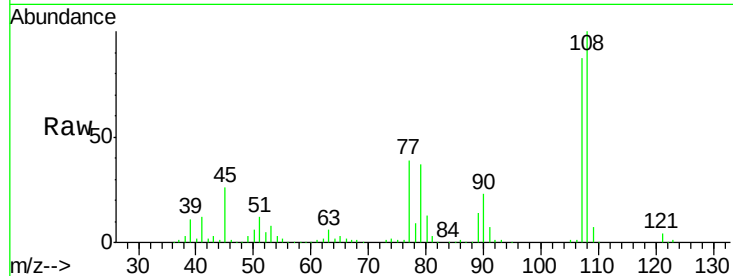




#17
2-Methylphenol
Concen: 42.42 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

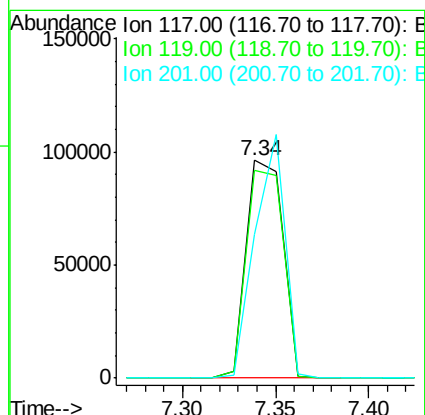
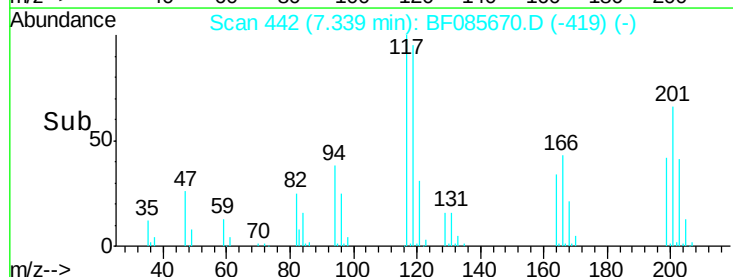
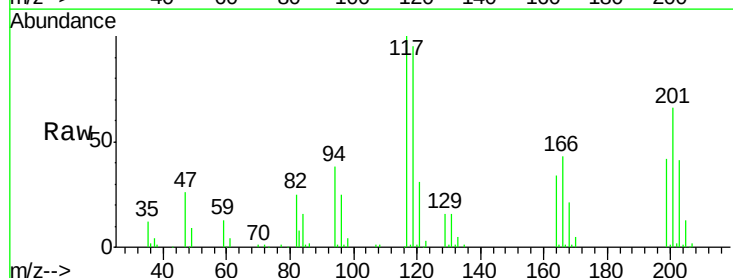
Instrument :
BNA_F
ClientSampleId :
PB89080BS

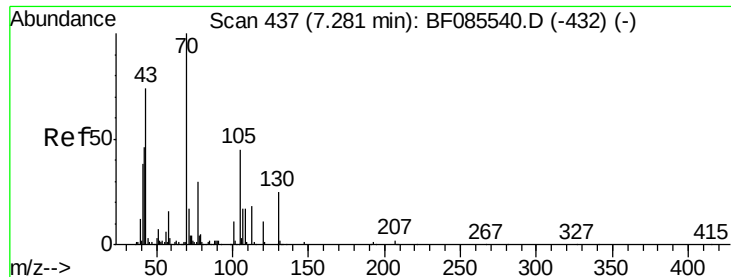
Tgt Ion:107 Resp: 300036
Ion Ratio Lower Upper
107 100
108 114.4 91.4 137.0
77 44.3 36.2 54.2
79 42.6 35.8 53.8



#18
Hexachloroethane
Concen: 38.43 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.03 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

Tgt Ion:117 Resp: 131605
Ion Ratio Lower Upper
117 100
119 95.4 76.7 115.1
201 66.2 83.3 124.9#

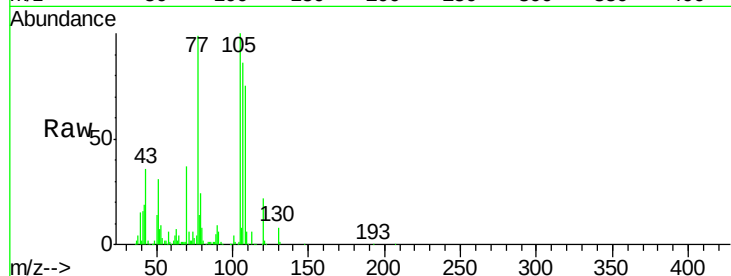




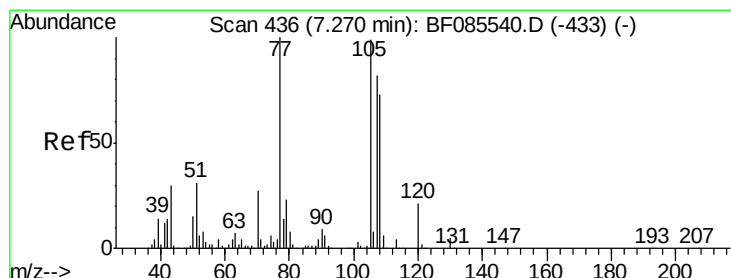
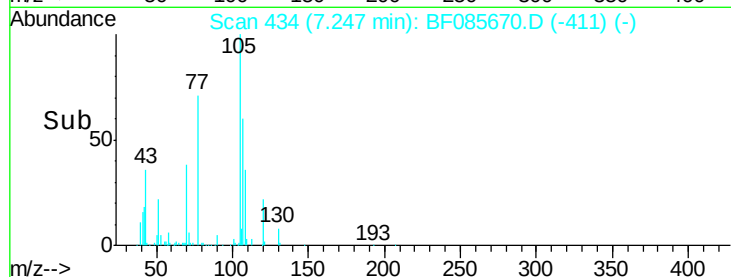
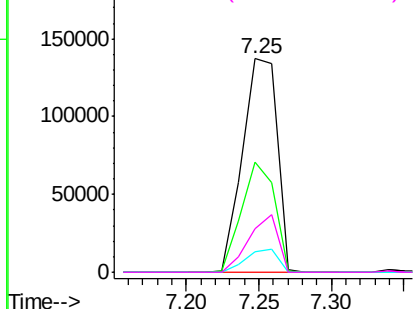
#19
n-Nitroso-di-n-propylamine
Concen: 40.35 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

Instrument :
BNA_F
ClientSampleId :
PB89080BS

Tgt Ion: 70 Resp: 228048
Ion Ratio Lower Upper
70 100
42 51.3 37.1 55.7
101 9.5 8.6 12.8
130 20.7 19.6 29.4



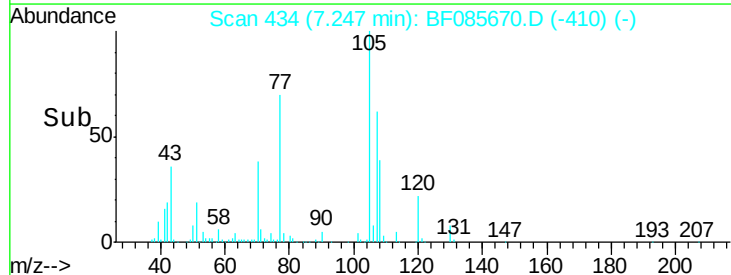
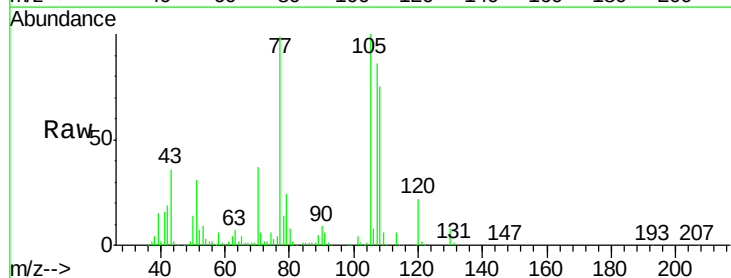
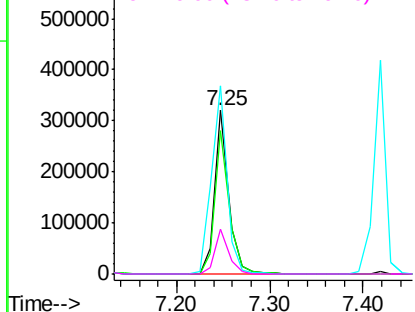
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

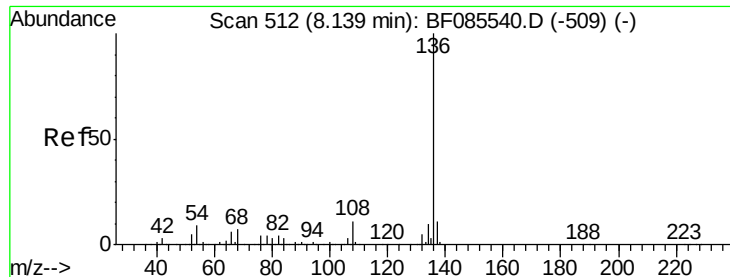


#20
3+4-Methylphenols
Concen: 40.15 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

Tgt Ion: 107 Resp: 328934
Ion Ratio Lower Upper
107 100
108 87.3 69.3 109.3
77 114.8 101.7 141.7
79 27.5 8.3 48.3

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

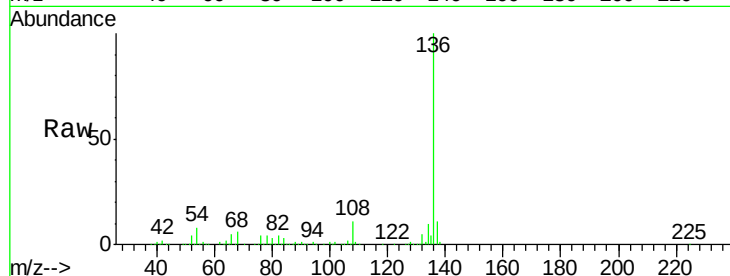




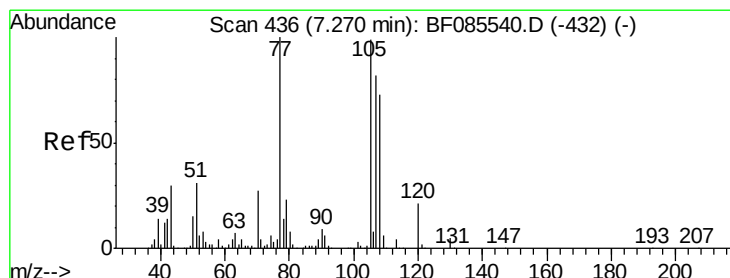
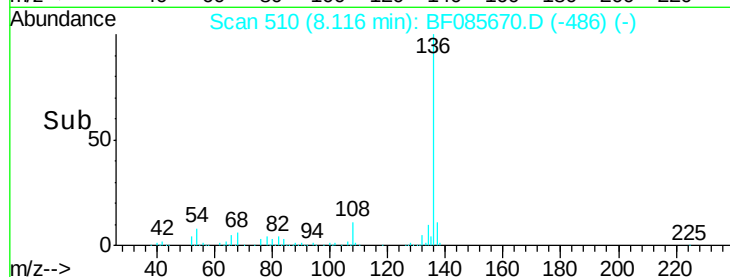
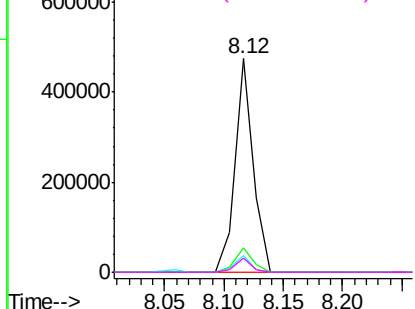
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

Instrument :
BNA_F
ClientSampleId :
PB89080BS

Tgt Ion:	136	Resp:	501952
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.8	7.4	11.0
68	6.4	5.8	8.8

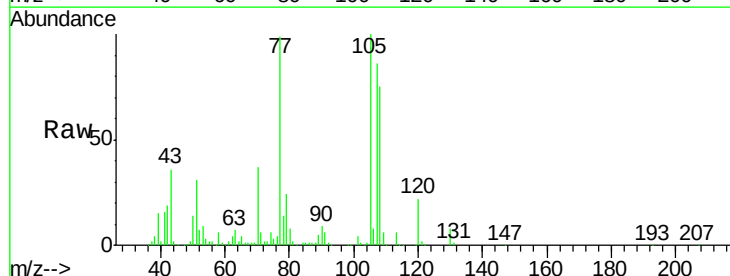


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

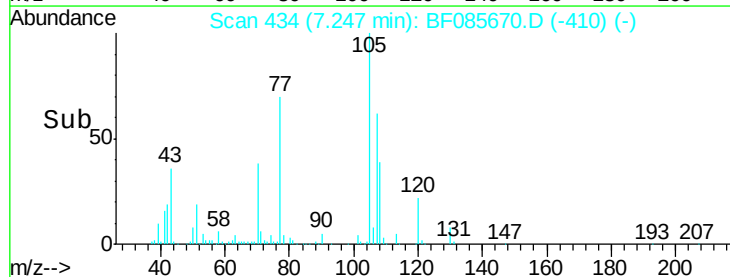
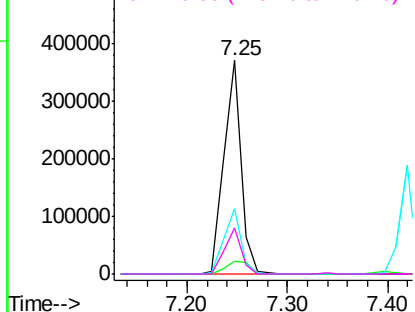


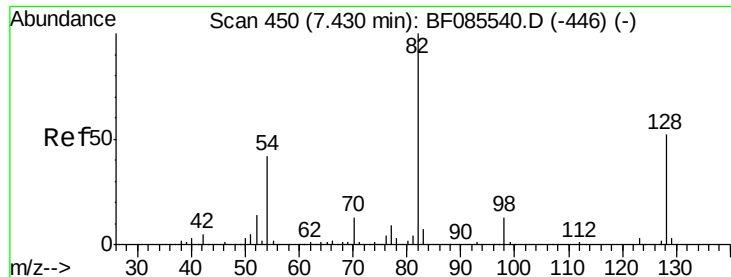
#22
Acetophenone
Concen: 36.76 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

Tgt Ion:	105	Resp:	437854
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.6	5.4#
51	30.7	25.4	38.0
120	21.7	16.9	25.3



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: 83.21 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

BNA_F

ClientSampleId :

PB89080BS

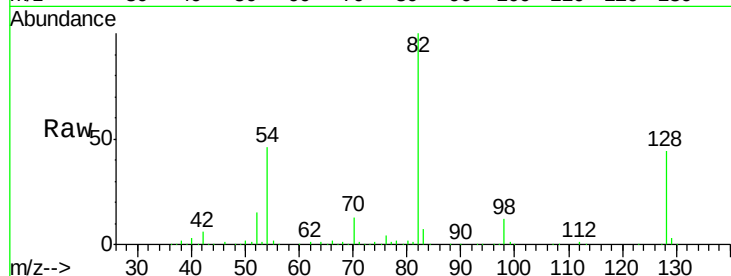
Tgt Ion: 82 Resp: 719565

Ion Ratio Lower Upper

82 100

128 44.1 41.8 62.8

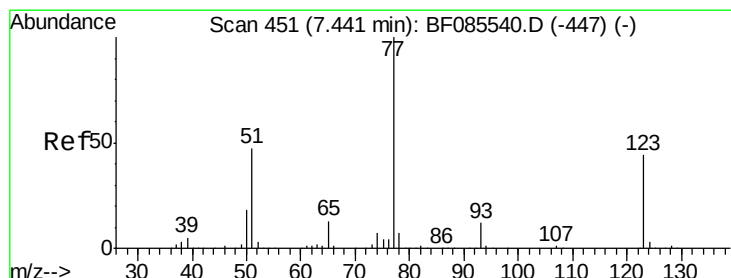
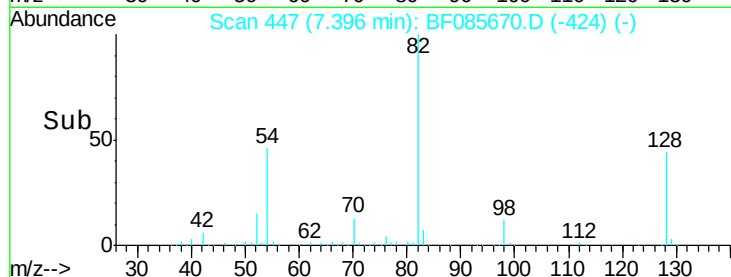
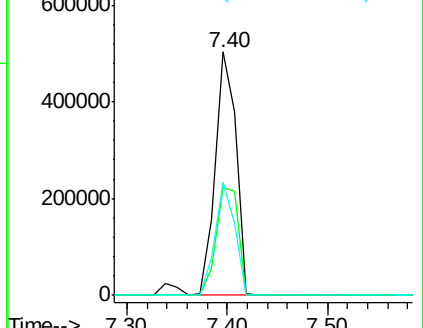
54 46.4 33.4 50.0



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: 39.10 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

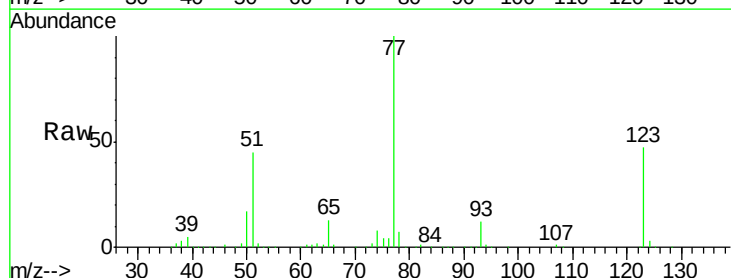
Tgt Ion: 77 Resp: 370078

Ion Ratio Lower Upper

77 100

123 46.7 35.0 52.4

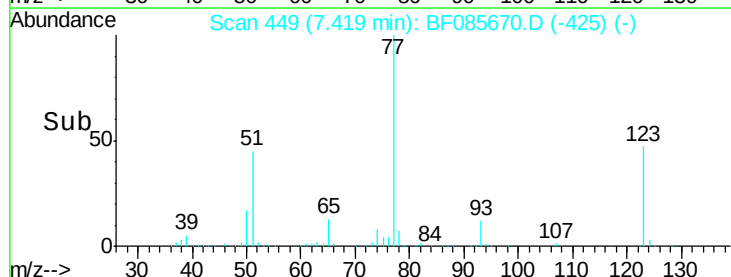
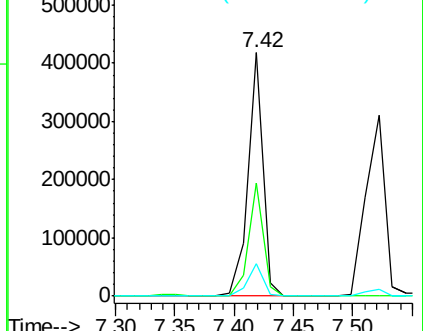
65 13.2 10.6 16.0

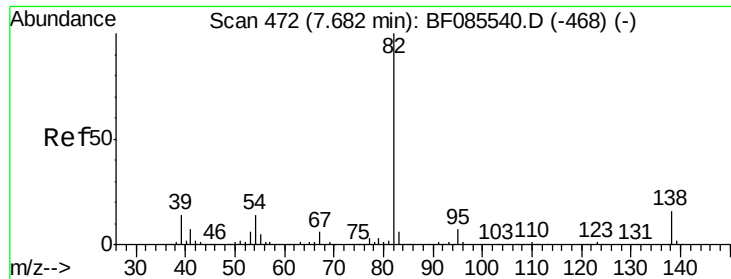


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.44 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

BNA_F

ClientSampleId :

PB89080BS

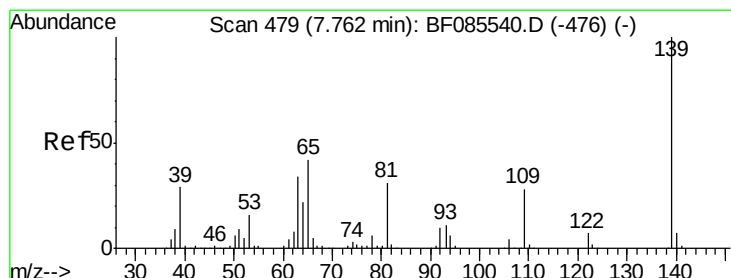
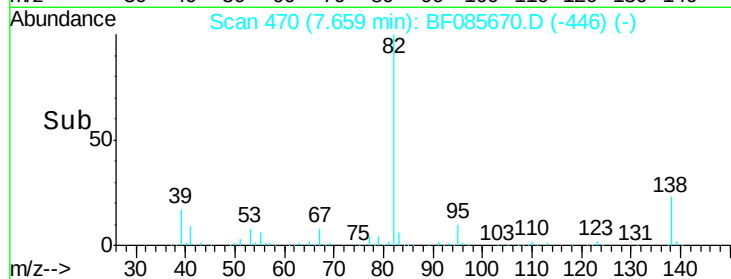
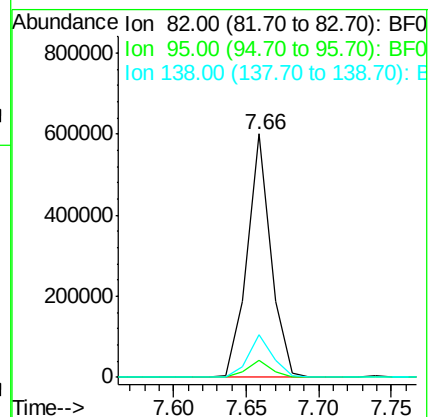
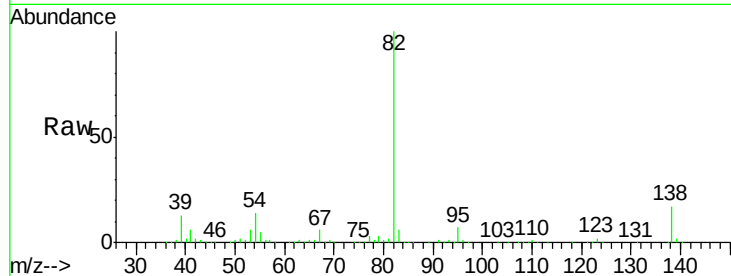
Tgt Ion: 82 Resp: 682899

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 17.3 12.9 19.3



#26

2-Nitrophenol

Concen: 43.00 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

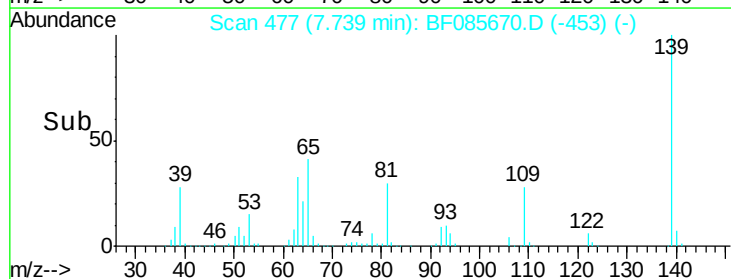
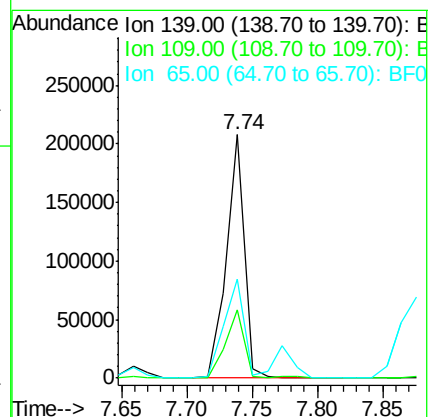
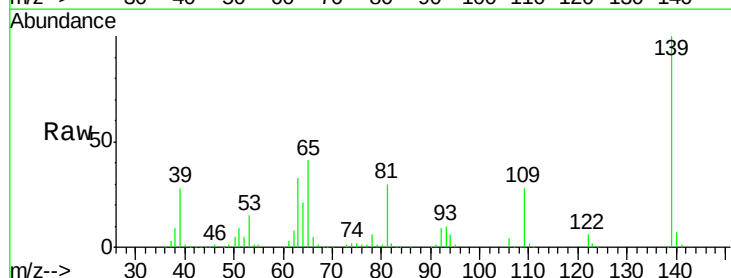
Tgt Ion: 139 Resp: 201173

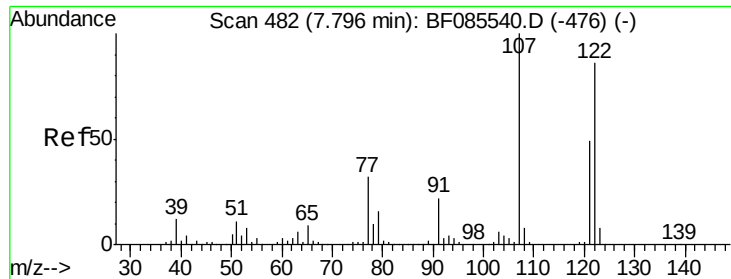
Ion Ratio Lower Upper

139 100

109 28.1 22.1 33.1

65 40.6 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 39.30 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

BNA_F

ClientSampleId :

PB89080BS

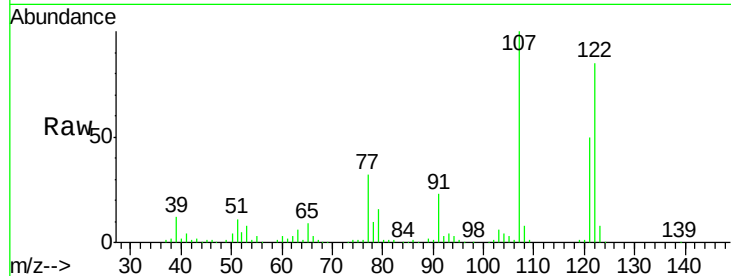
Tgt Ion:122 Resp: 325106

Ion Ratio Lower Upper

122 100

107 117.4 93.0 139.6

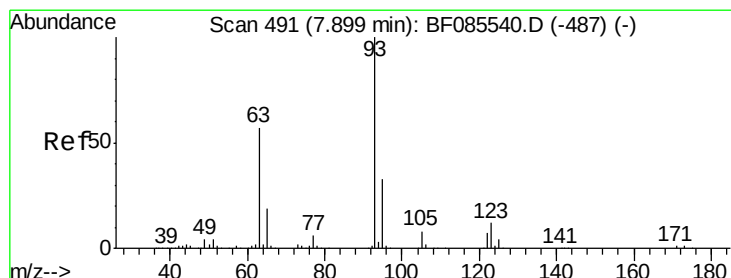
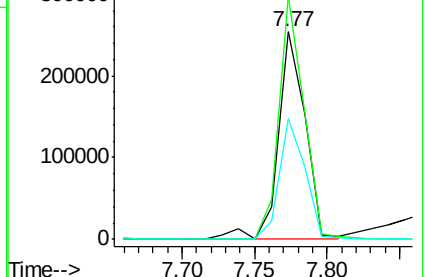
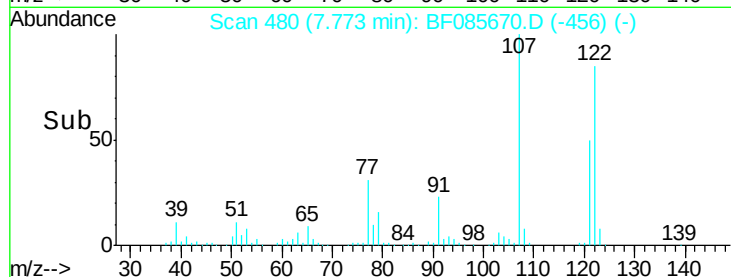
121 58.5 45.9 68.9



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: 45.14 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

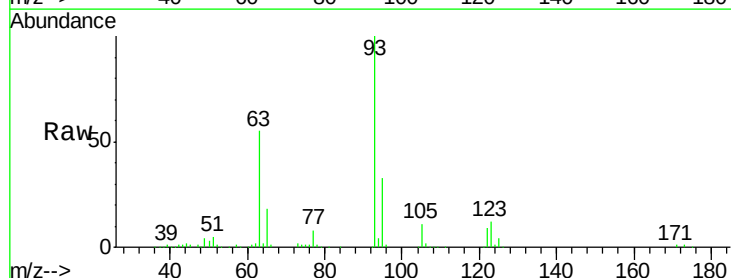
Tgt Ion: 93 Resp: 444507

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

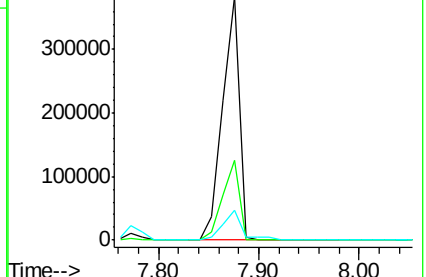
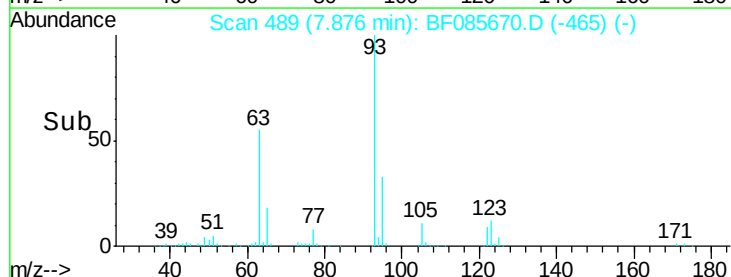
123 12.3 9.8 14.6

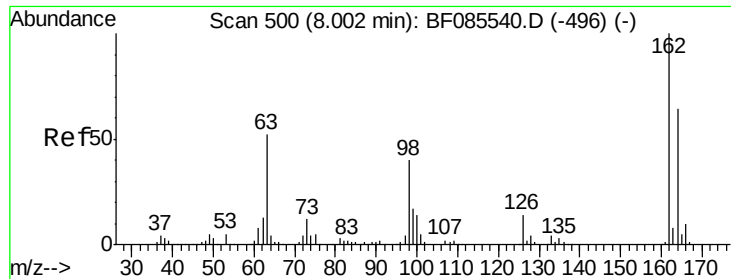


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

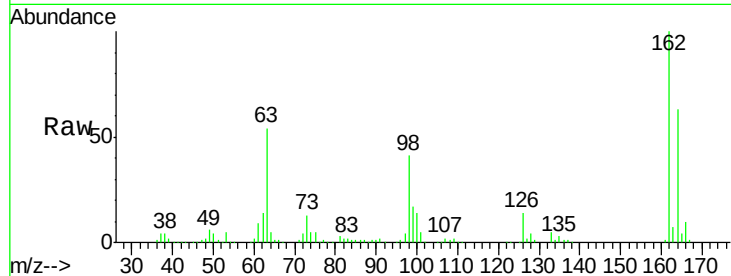




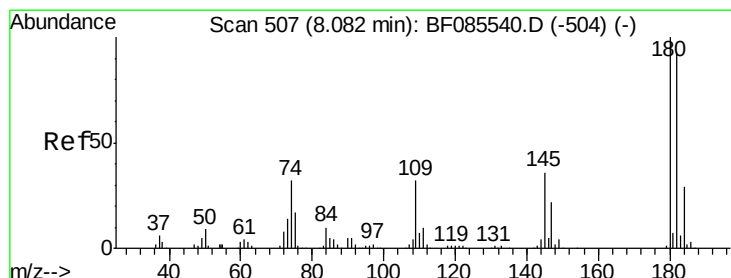
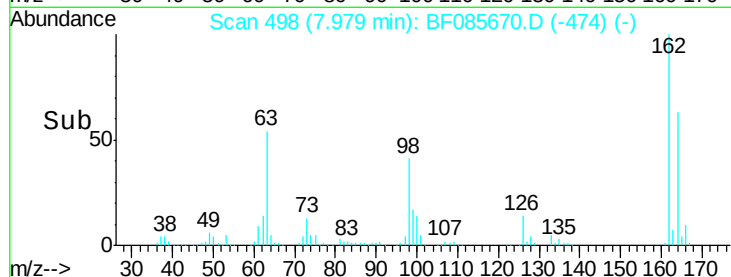
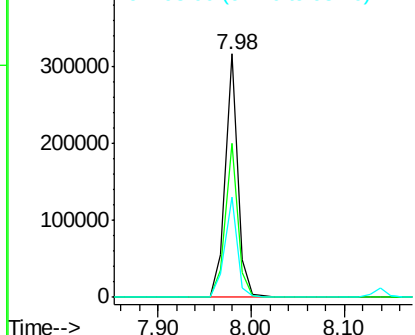
#29
 2,4-Dichlorophenol
 Concen: 43.35 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF085670.D
 Acq: 22 Mar 2016 20:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89080BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.7	83.7
98	41.3	20.4	60.4

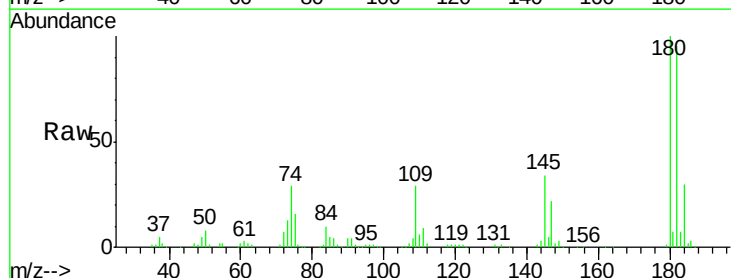


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

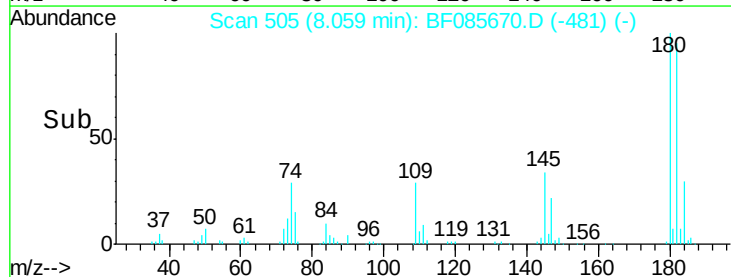
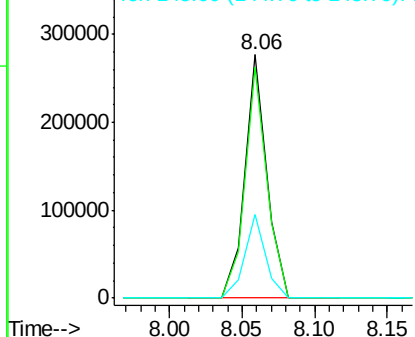


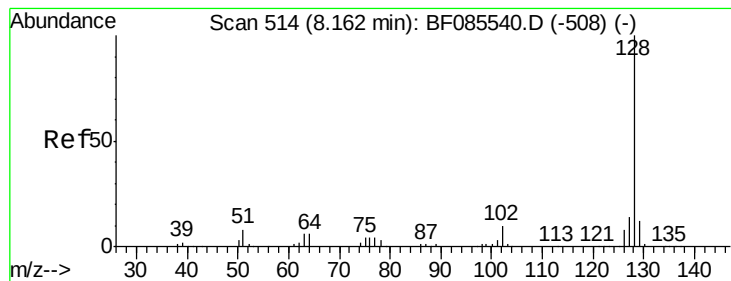
#30
 1,2,4-Trichlorobenzene
 Concen: 37.86 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF085670.D
 Acq: 22 Mar 2016 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	73.8	110.8
145	34.2	28.4	42.6



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





#31

Naphthalene

Concen: 38.14 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

BNA_F

ClientSampleId :

PB89080BS

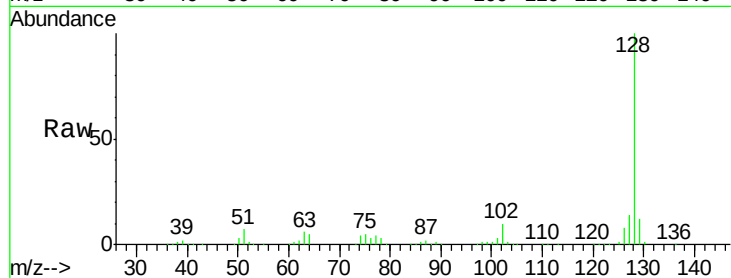
Tgt Ion:128 Resp: 966323

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

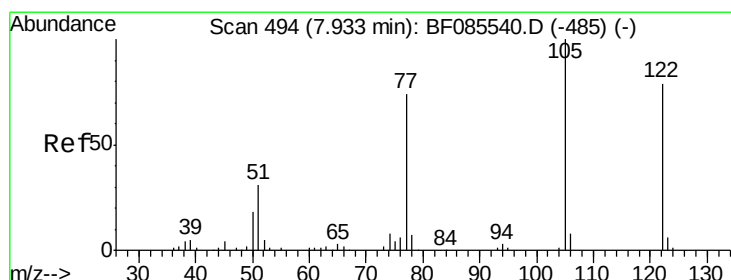
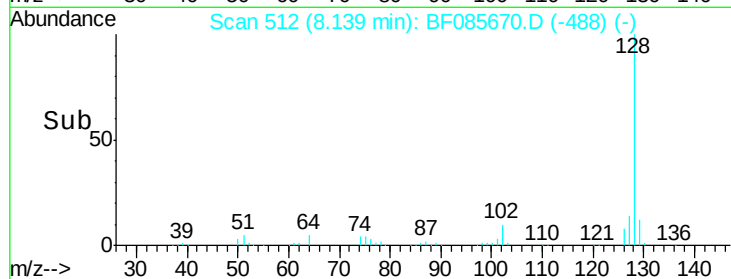
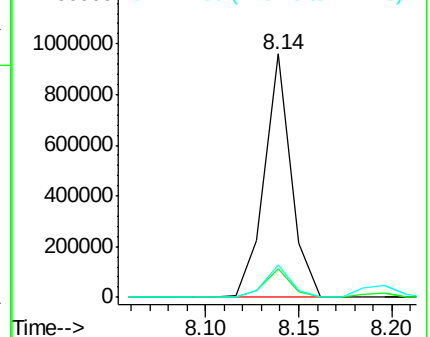
127 13.6 11.0 16.6



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: 31.27 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

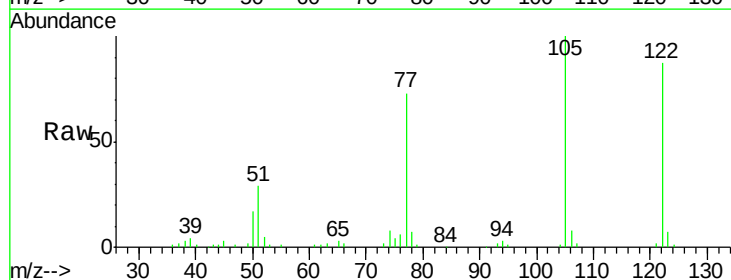
Tgt Ion:122 Resp: 216264

Ion Ratio Lower Upper

122 100

105 115.5 102.9 142.9

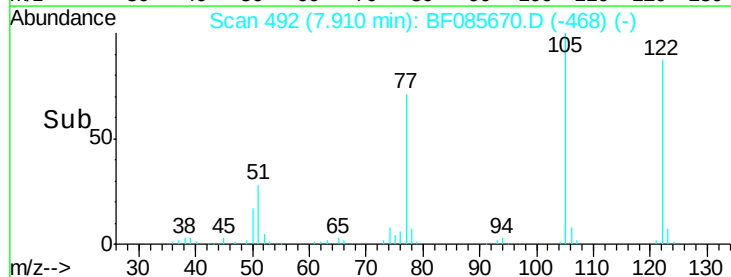
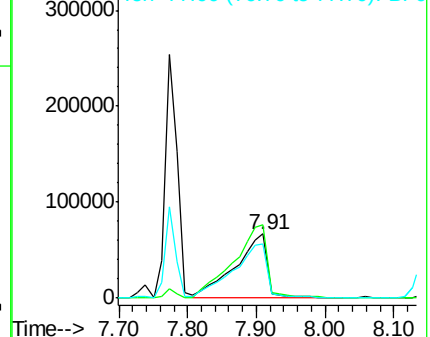
77 83.8 71.8 111.8

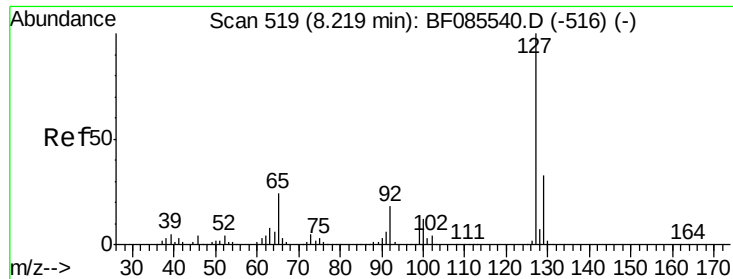


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

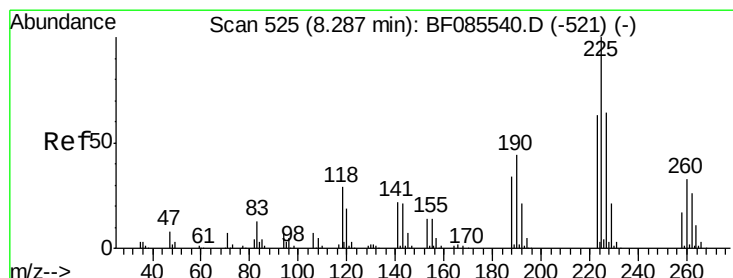
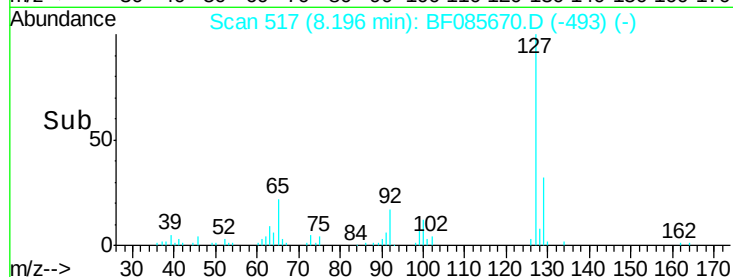
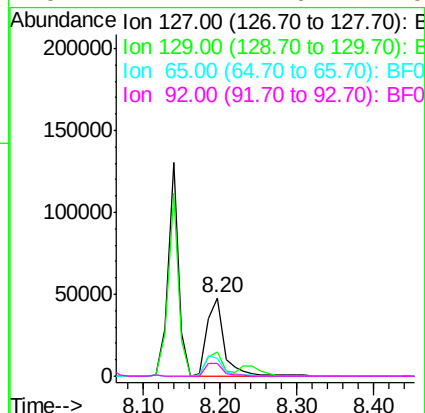
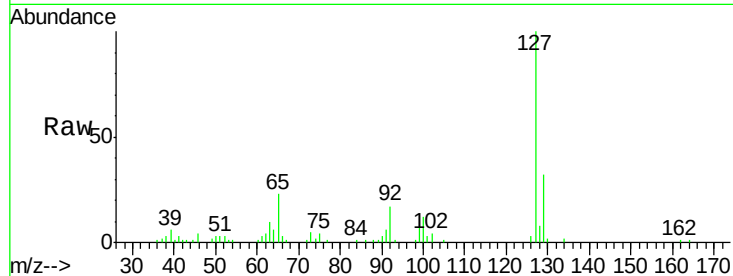




#33
4-Chloroaniline
Concen: 7.18 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

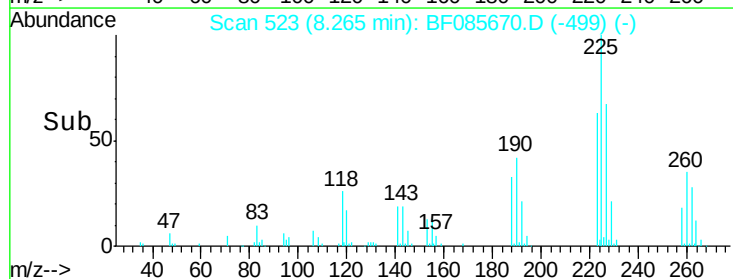
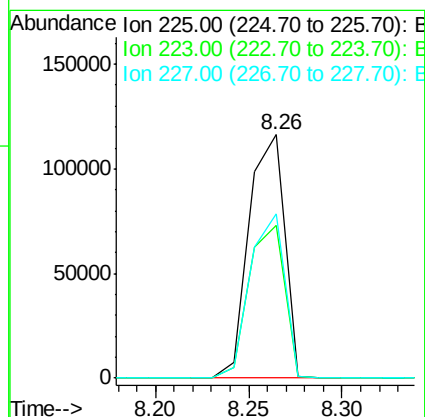
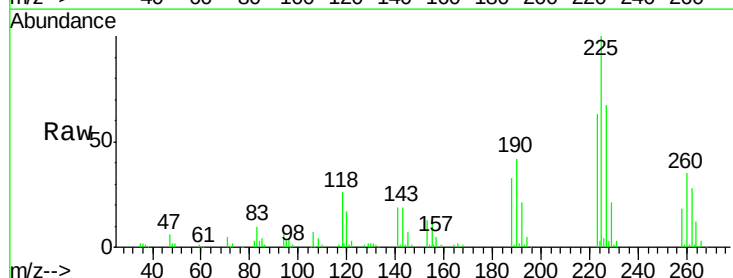
Instrument :
BNA_F
ClientSampleId :
PB89080BS

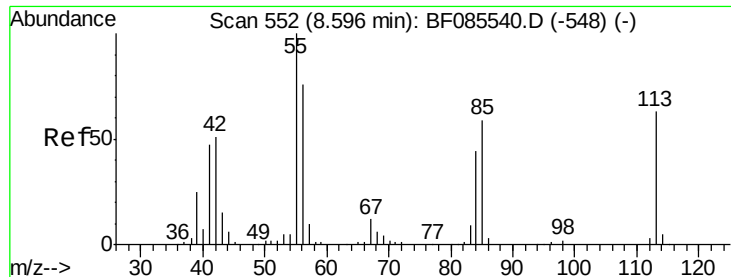
Tgt Ion:	127	Resp:	74603
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	23.1	19.5	29.3
92	17.2	14.6	22.0



#34
Hexachlorobutadiene
Concen: 37.62 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085670.D
Acq: 22 Mar 2016 20:39

Tgt Ion:	225	Resp:	153440
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.4	75.6
227	67.2	51.4	77.2

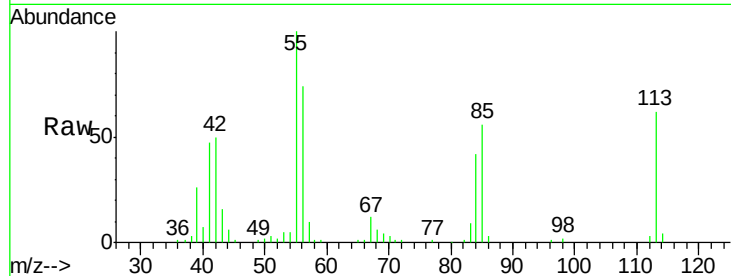




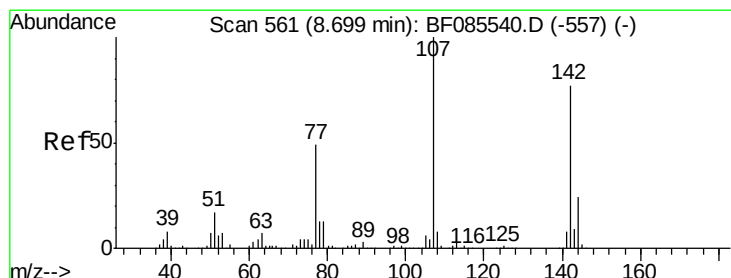
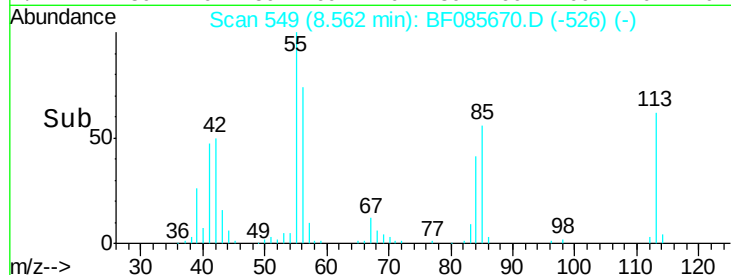
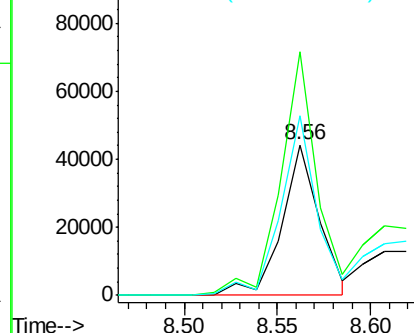
#35
 Caprolactam
 Concen: 26.35 ng
 RT: 8.56 min Scan# 549
 Delta R.T. -0.03 min
 Lab File: BF085670.D
 Acq: 22 Mar 2016 20:39

Instrument :
 BNA_F
 ClientSampleId :
 PB89080BS

Tgt Ion:113 Resp: 61940
 Ion Ratio Lower Upper
 113 100
 55 161.8 139.4 179.4
 56 119.8 100.4 140.4

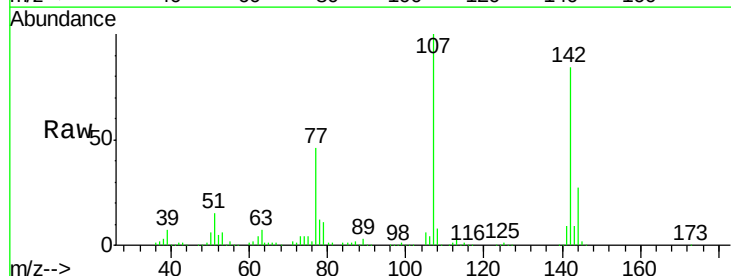


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

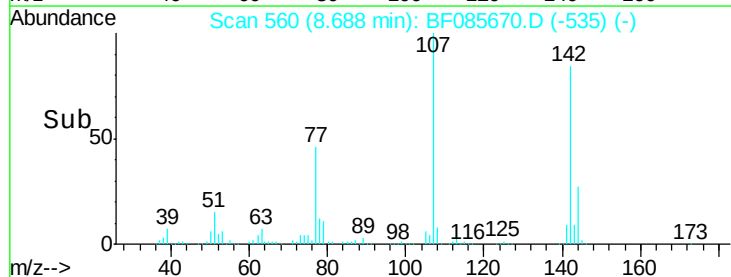
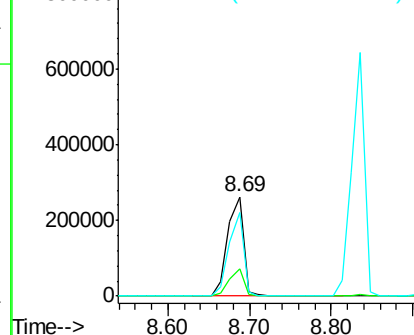


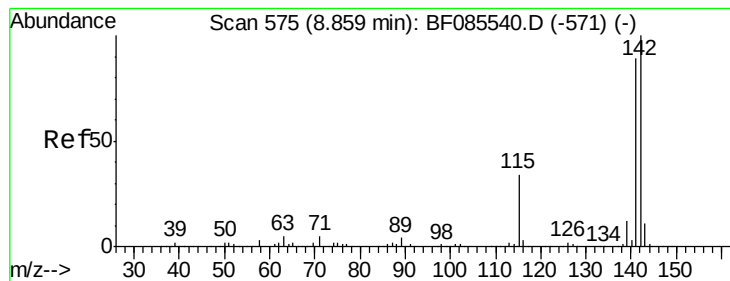
#36
 4-Chloro-3-methylphenol
 Concen: 44.56 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085670.D
 Acq: 22 Mar 2016 20:39

Tgt Ion:107 Resp: 355539
 Ion Ratio Lower Upper
 107 100
 144 27.2 19.3 28.9
 142 83.9 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.44 ng

RT: 8.84 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

Instrument :

BNA_F

ClientSampleId :

PB89080BS

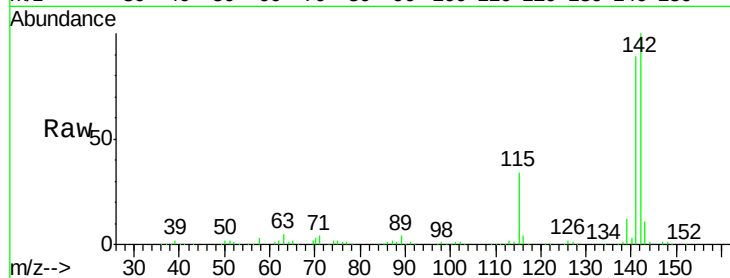
Tgt Ion:142 Resp: 701781

Ion Ratio Lower Upper

142 100

141 89.2 71.6 107.4

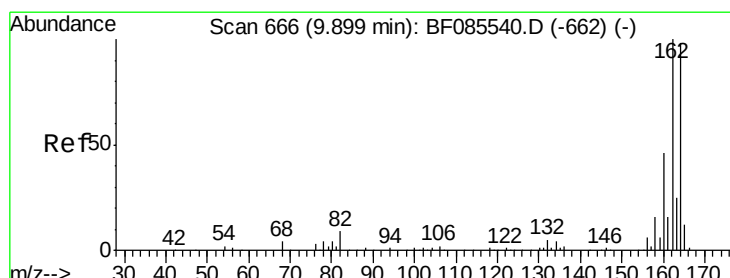
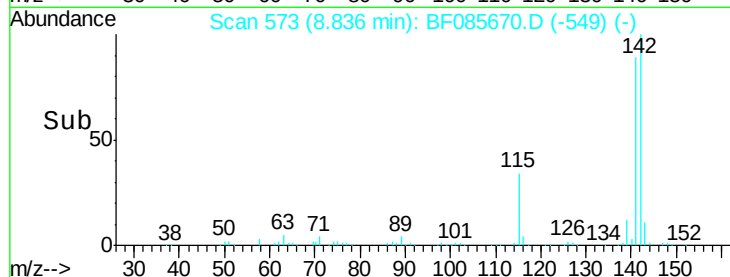
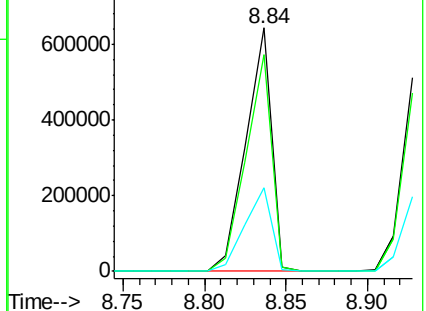
115 34.4 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF085670.D

Acq: 22 Mar 2016 20:39

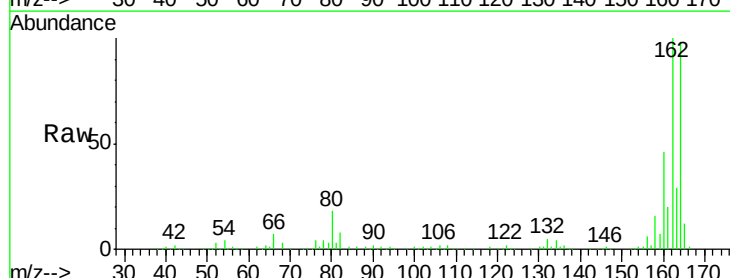
Tgt Ion:164 Resp: 253243

Ion Ratio Lower Upper

164 100

162 102.4 82.1 123.1

160 47.5 37.4 56.2



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

