

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012116\
 Data File : BF084580.D
 Acq On : 21 Jan 2016 12:58
 Operator : SJ/UM
 Sample : H1159-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Quant Time: Jan 22 00:07:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	225844	20.00	ng	-0.07
21) Naphthalene-d8	8.04	136	933923	20.00	ng	-0.08
38) Acenaphthene-d10	9.80	164	454109	20.00	ng	-0.07
63) Phenanthrene-d10	11.29	188	812051	20.00	ng	-0.07
75) Chrysene-d12	13.92	240	569135	20.00	ng	-0.08
86) Perylene-d12	15.31	264	470973	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1758177	125.92	ng	-0.06
7) Phenol-d6	6.42	99	2048515	116.82	ng	-0.06
23) Nitrobenzene-d5	7.33	82	1455949	86.76	ng	-0.07
41) 2,4,6-Tribromophenol	10.59	330	602432	131.40	ng	-0.08
44) 2-Fluorobiphenyl	9.13	172	2387879	93.11	ng	-0.07
78) Terphenyl-d14	12.88	244	2512609	98.55	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	262828	39.74	ng	# 67
3) Pyridine	3.17	79	420597	22.81	ng	# 73
4) n-Nitrosodimethylamine	3.09	42	357375	37.75	ng	# 85
6) Aniline	6.43	93	114840	4.48	ng	# 1
8) 2-Chlorophenol	6.56	128	711936	44.94	ng	# 95
9) Benzaldehyde	6.30	77	68793	6.02	ng	# 98
10) Phenol	6.43	94	859155	43.09	ng	# 91
11) bis(2-Chloroethyl)ether	6.51	93	788714	51.06	ng	# 91
12) 1,3-Dichlorobenzene	6.70	146	751997	46.02	ng	# 99
13) 1,4-Dichlorobenzene	6.77	146	713922	43.57	ng	# 97
14) 1,2-Dichlorobenzene	6.93	146	706557	45.02	ng	# 99
15) Benzyl Alcohol	6.91	79	607416	41.18	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1070679	38.07	ng	# 95
17) 2-Methylphenol	7.04	107	590990	44.51	ng	# 92
18) Hexachloroethane	7.28	117	291211	44.44	ng	# 91
19) n-Nitroso-di-n-propylamine	7.18	70	487287	41.05	ng	# 74
20) 3+4-Methylphenols	7.18	107	731735	46.89	ng	# 58
22) Acetophenone	7.17	105	1022468	45.53	ng	# 98
24) Nitrobenzene	7.34	77	741586	43.57	ng	# 94
25) Isophorone	7.60	82	1420713	44.27	ng	# 97
26) 2-Nitrophenol	7.66	139	380377	49.11	ng	# 87
27) 2,4-Dimethylphenol	7.71	122	683310	43.58	ng	# 94
28) bis(2-Chloroethoxy)methane	7.80	93	850068	43.36	ng	# 99
29) 2,4-Dichlorophenol	7.92	162	631047	48.32	ng	# 96
30) 1,2,4-Trichlorobenzene	7.98	180	628866	46.64	ng	# 97
31) Naphthalene	8.06	128	2140689	50.52	ng	# 99
32) Benzoic acid	7.86	122	455775	45.55	ng	# 92
33) 4-Chloroaniline	8.14	127	53971	2.78	ng	# 97
34) Hexachlorobutadiene	8.19	225	363758	46.93	ng	# 98
35) Caprolactam	8.51	113	108174	24.57	ng	# 51
36) 4-Chloro-3-methylphenol	8.62	107	706257	48.28	ng	# 97
37) 2-Methylnaphthalene	8.76	142	1439781	47.34	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	568732	43.56	ng	# 99
40) Hexachlorocyclopentadiene	8.91	237	617468	78.35	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	468069	47.92	ng	96
43) 2,4,5-Trichlorophenol	9.09	196	404642	43.22	ng #	86
45) 1,1'-Biphenyl	9.23	154	1759791	48.76	ng	97
46) 2-Chloronaphthalene	9.25	162	1311308	46.26	ng #	89
47) 2-Nitroaniline	9.36	65	448506	47.93	ng #	65
48) Acenaphthylene	9.66	152	1938292	46.28	ng	96
49) Dimethylphthalate	9.54	163	1511069	46.55	ng #	90
50) 2,6-Dinitrotoluene	9.60	165	350753	49.26	ng #	66
51) Acenaphthene	9.84	154	1354109	48.20	ng	97
52) 3-Nitroaniline	9.76	138	90999	10.31	ng	99
53) 2,4-Dinitrophenol	9.87	184	352211	114.52	ng #	81
54) Dibenzofuran	10.01	168	1670746	45.98	ng	91
55) 4-Nitrophenol	9.95	139	589511	92.05	ng	89
56) 2,4-Dinitrotoluene	10.00	165	426201	47.29	ng #	72
57) Fluorene	10.35	166	1346454	48.01	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	384635	48.12	ng	88
59) Diethylphthalate	10.24	149	1471732	45.98	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	624091	54.18	ng #	82
61) 4-Nitroaniline	10.38	138	367379	46.71	ng	88
62) Azobenzene	10.50	77	1567539	44.65	ng	86
64) 4,6-Dinitro-2-methylphenol	10.41	198	257486	52.94	ng	86
65) n-Nitrosodiphenylamine	10.46	169	1139936	43.91	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	389616	44.58	ng #	75
67) Hexachlorobenzene	10.90	284	480031	48.80	ng #	93
68) Atrazine	11.00	200	412385	48.54	ng	97
69) Pentachlorophenol	11.09	266	464630	91.09	ng	99
70) Phenanthrene	11.31	178	2148042	50.57	ng	95
71) Anthracene	11.36	178	1987479	47.73	ng	98
72) Carbazole	11.52	167	1678389	41.23	ng	98
73) Di-n-butylphthalate	11.86	149	2390421	59.93	ng	98
74) Fluoranthene	12.49	202	2132503	48.06	ng	98
76) Benzidine	12.61	184	239579	11.74	ng	98
77) Pyrene	12.72	202	2054620	46.00	ng	98
79) Butylbenzylphthalate	13.35	149	911229	47.15	ng	89
80) Benzo(a)anthracene	13.91	228	1586043	47.46	ng	97
81) 3,3'-Dichlorobenzidine	13.87	252	198226	17.00	ng #	95
82) Chrysene	13.95	228	1552254	48.34	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1151297	47.15	ng #	93
84) Di-n-octyl phthalate	14.52	149	1893248	45.93	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	1335766	52.48	ng	99
87) Benzo(b)fluoranthene	14.92	252	2654879	86.17	ng #	97
88) Benzo(k)fluoranthene	14.92	252	2655982	105.41	ng	99
89) Benzo(a)pyrene	15.25	252	1232302	47.16	ng #	96
90) Dibenzo(a,h)anthracene	16.67	278	1091071	48.52	ng #	94
91) Benzo(g,h,i)perylene	17.06	276	1136751	48.82	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.07 min

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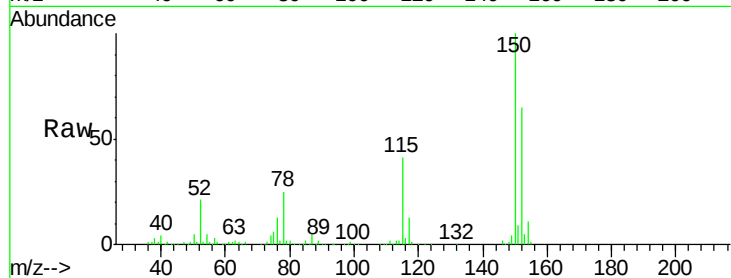
Tgt Ion:152 Resp: 225844

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

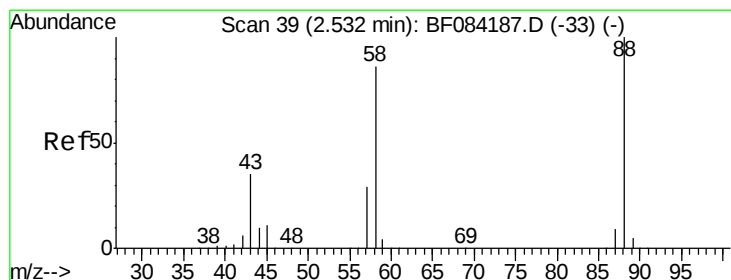
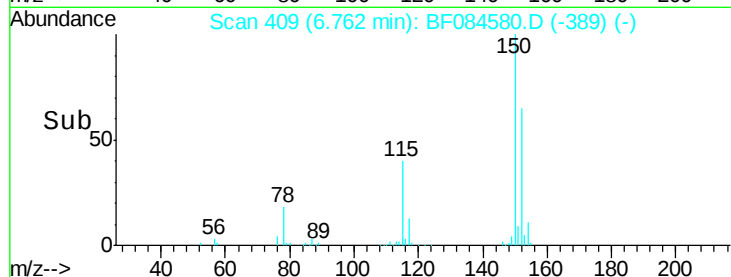
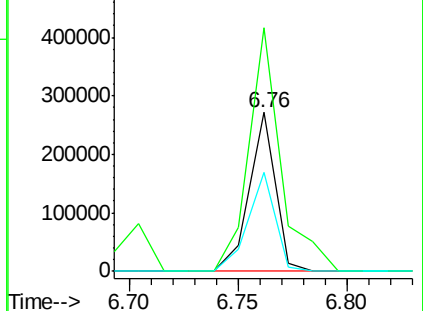
115 62.3 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.74 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.11 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

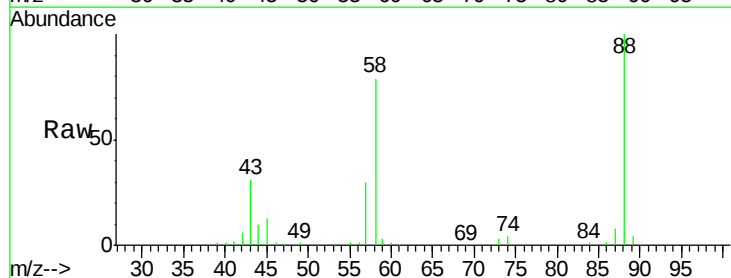
Tgt Ion: 88 Resp: 262828

Ion Ratio Lower Upper

88 100

58 85.2 51.2 76.8#

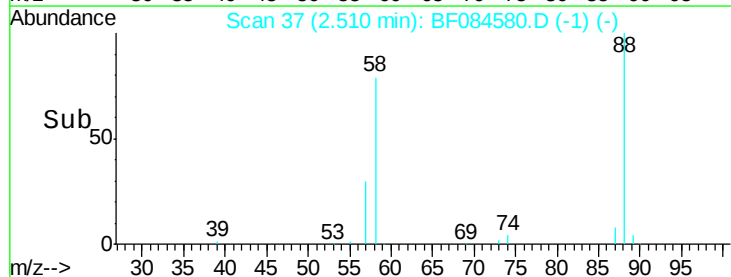
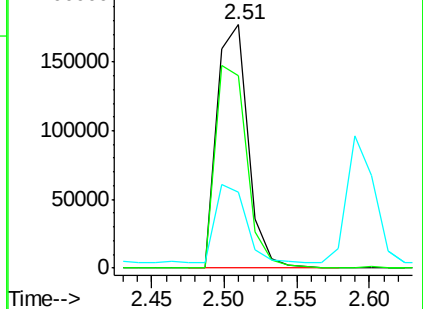
43 0.0 19.5 29.3#

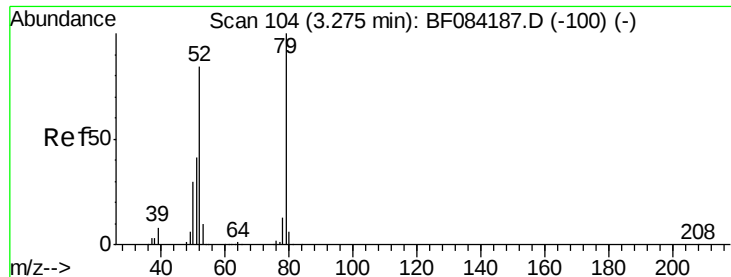


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.81 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.05 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

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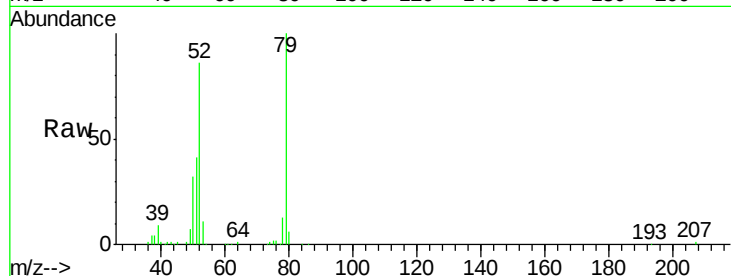
Tgt Ion: 79 Resp: 420597

Ion Ratio Lower Upper

79 100

52 85.6 49.0 73.4#

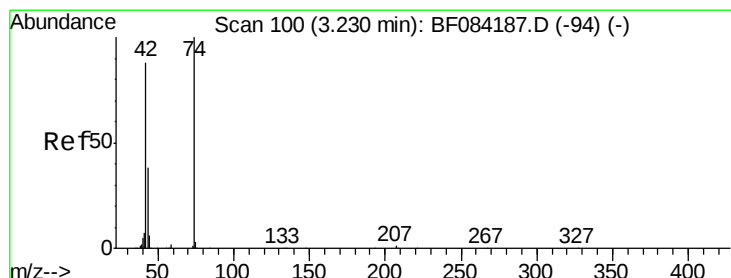
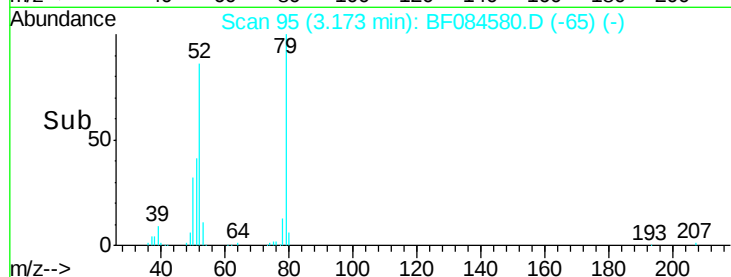
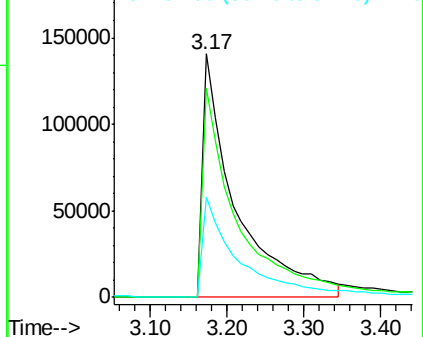
51 41.1 25.2 37.8#



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: 37.75 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.02 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

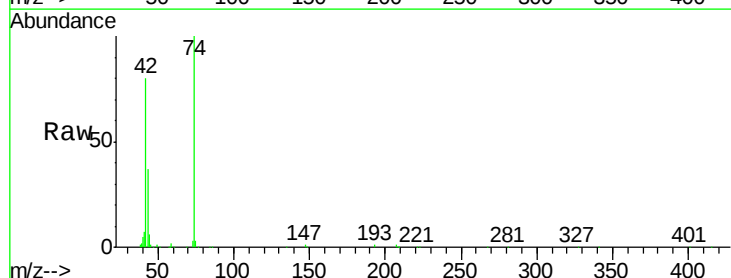
Tgt Ion: 42 Resp: 357375

Ion Ratio Lower Upper

42 100

74 125.4 115.7 173.5

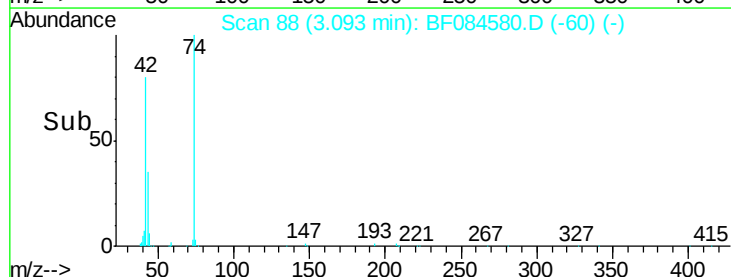
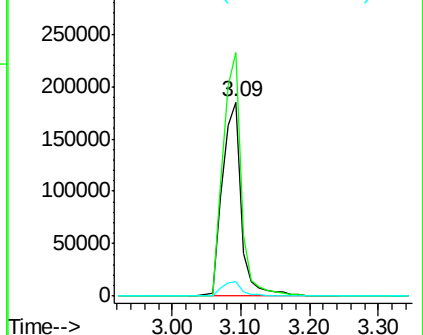
44 7.6 5.1 7.7

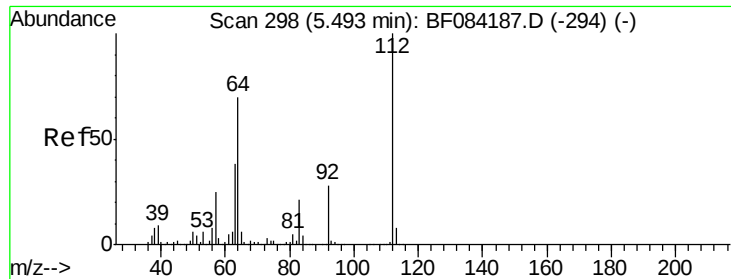


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.92 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.06 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

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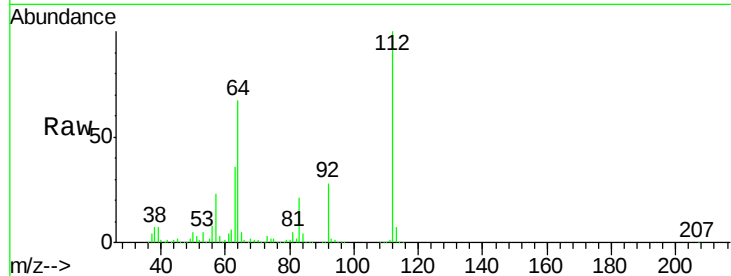
Tgt Ion: 112 Resp: 1758177

Ion Ratio Lower Upper

112 100

64 67.2 36.6 55.0#

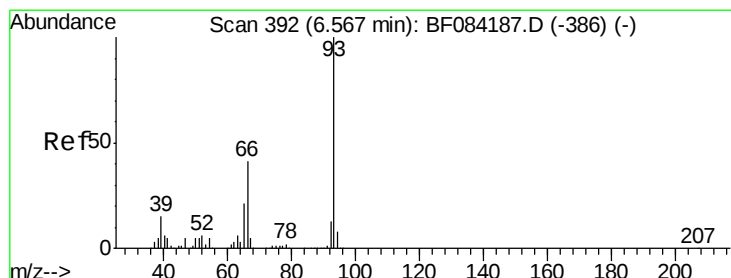
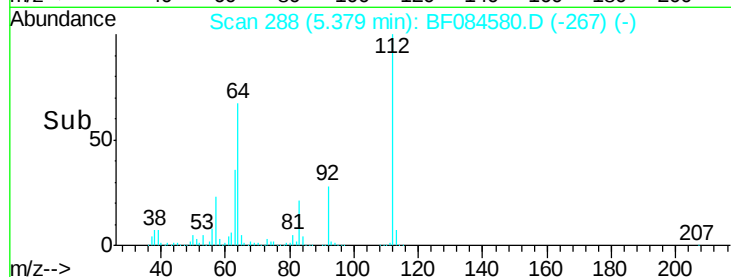
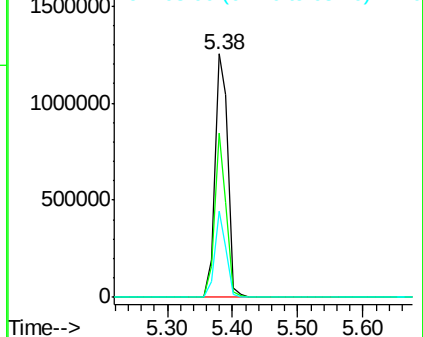
63 35.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.48 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

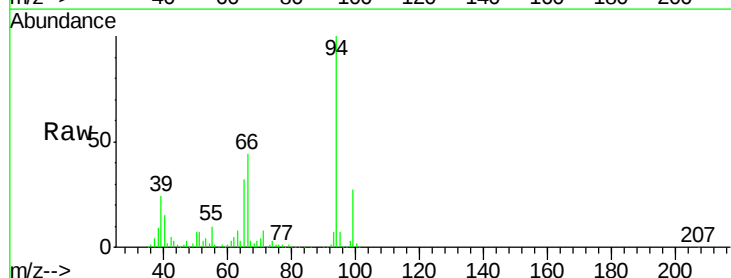
Tgt Ion: 93 Resp: 114840

Ion Ratio Lower Upper

93 100

66 646.8 44.9 67.3#

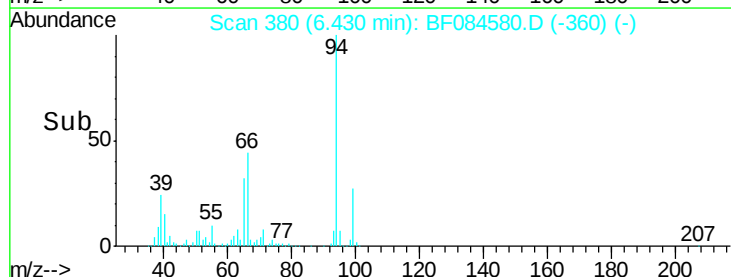
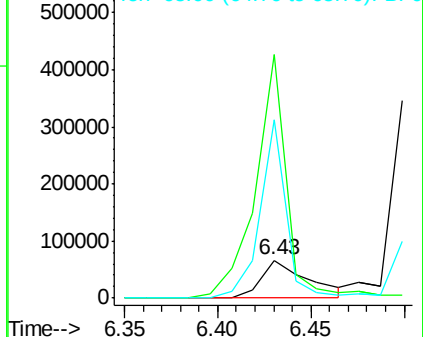
65 475.3 23.7 35.5#



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: 116.82 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

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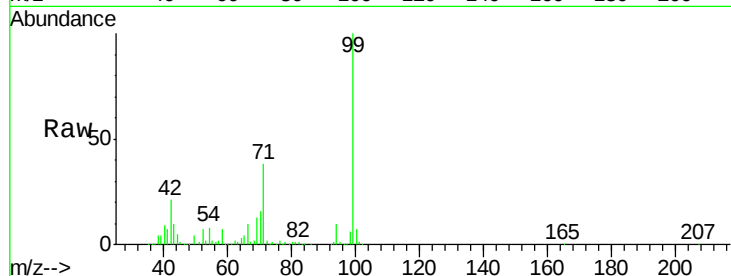
Tgt Ion: 99 Resp: 2048515

Ion Ratio Lower Upper

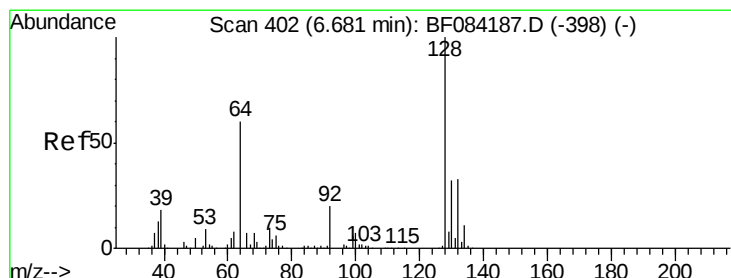
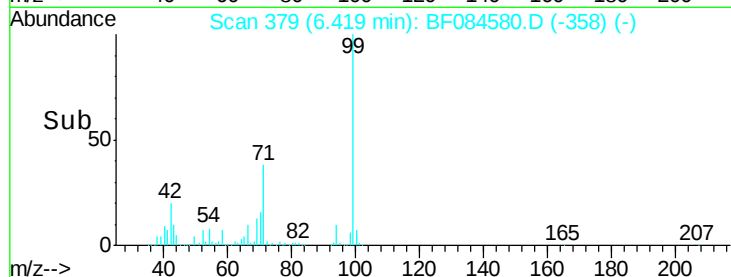
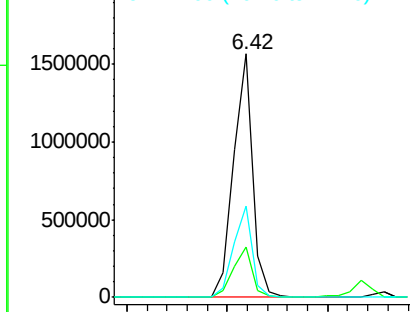
99 100

42 20.5 12.8 19.2#

71 37.6 30.9 46.3



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: 44.94 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

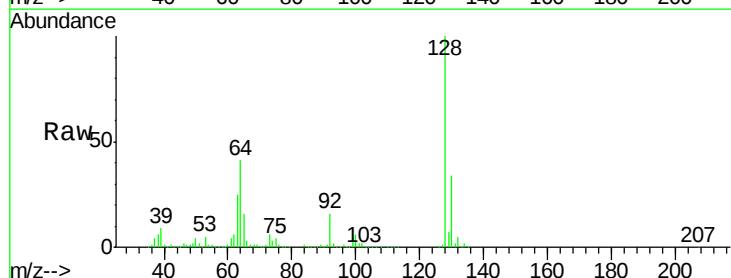
Tgt Ion: 128 Resp: 711936

Ion Ratio Lower Upper

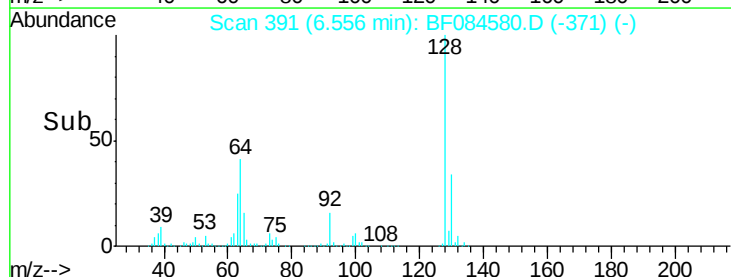
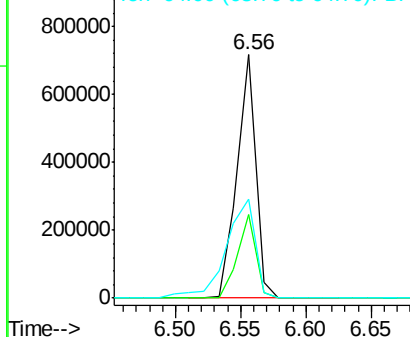
128 100

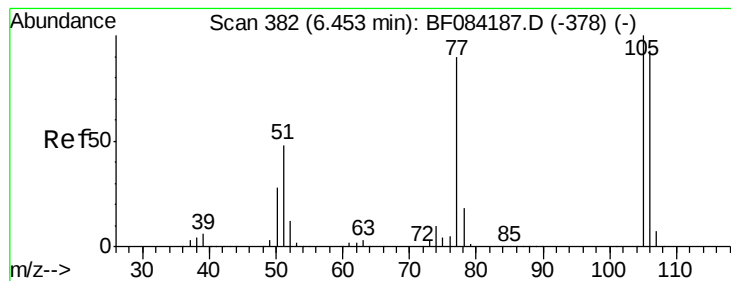
130 34.4 11.6 51.6

64 40.8 23.8 63.8



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: 6.02 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

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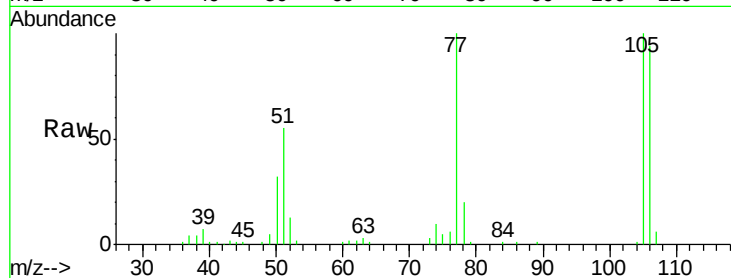
Tgt Ion: 77 Resp: 68793

Ion Ratio Lower Upper

77 100

105 100.0 83.0 123.0

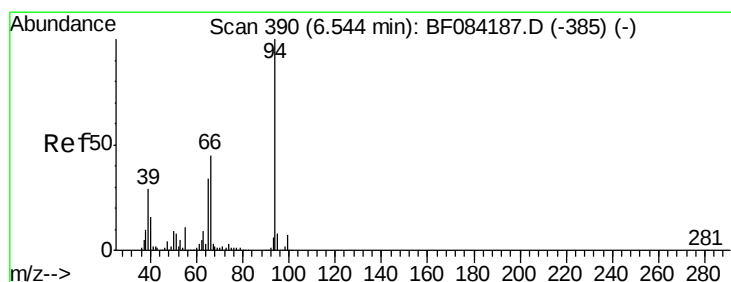
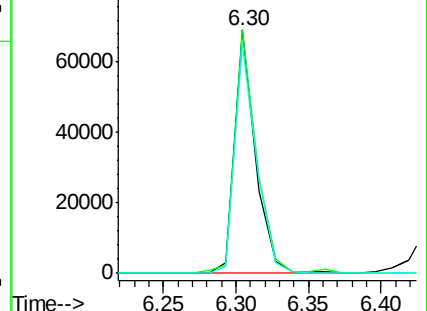
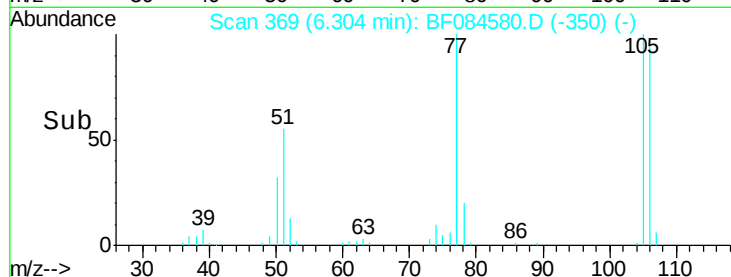
106 94.0 74.6 114.6



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: 43.09 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

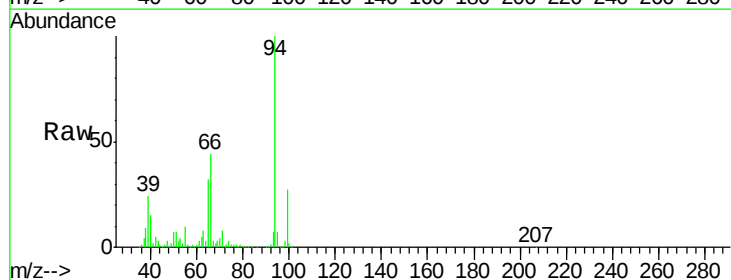
Tgt Ion: 94 Resp: 859155

Ion Ratio Lower Upper

94 100

65 32.0 12.9 52.9

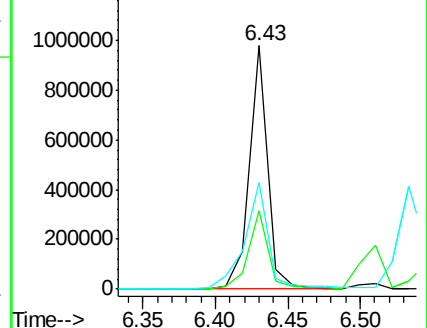
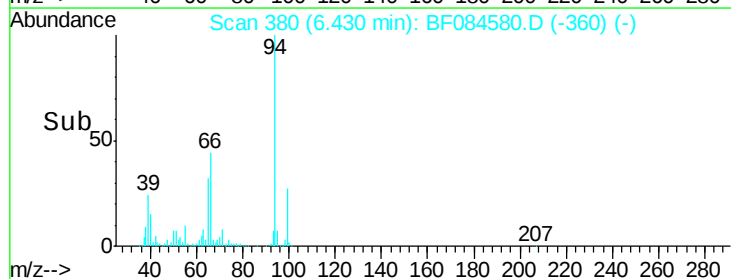
66 43.6 32.7 72.7



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: 51.06 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

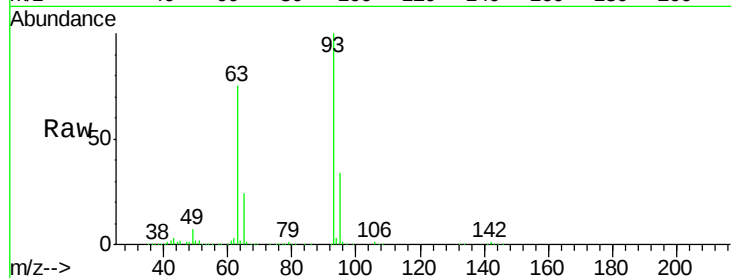
Tgt Ion: 93 Resp: 788714

Ion Ratio Lower Upper

93 100

63 75.1 45.9 85.9

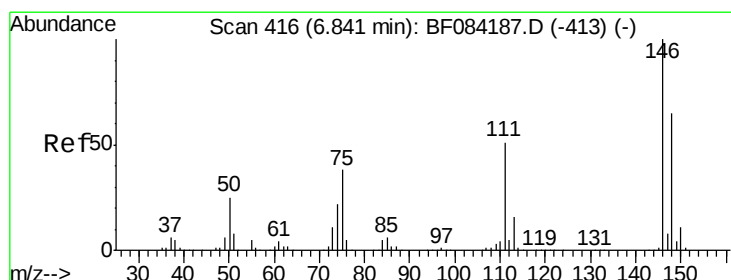
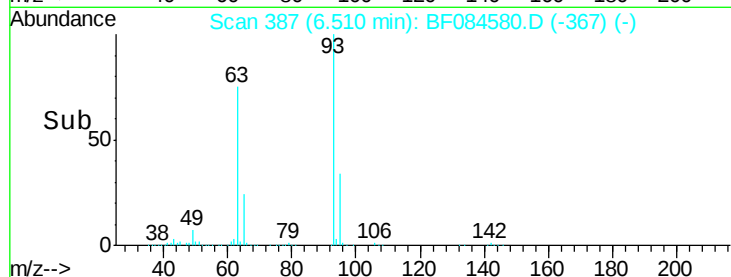
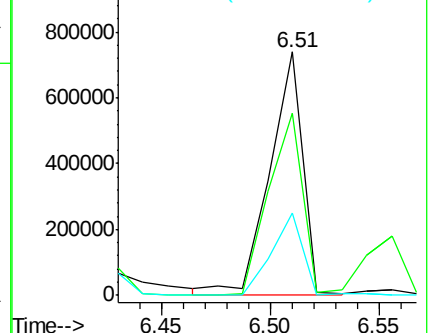
95 33.9 12.3 52.3



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: 46.02 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

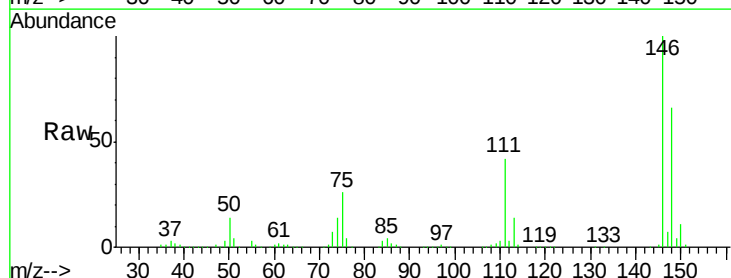
Tgt Ion: 146 Resp: 751997

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

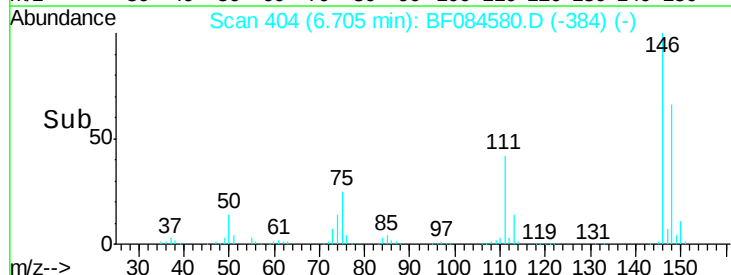
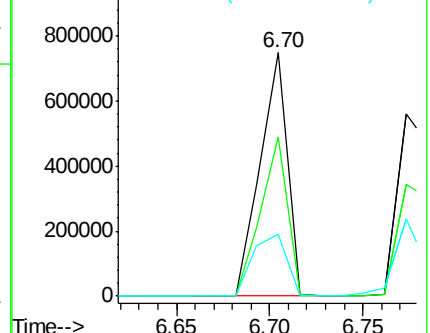
75 25.5 20.5 30.7

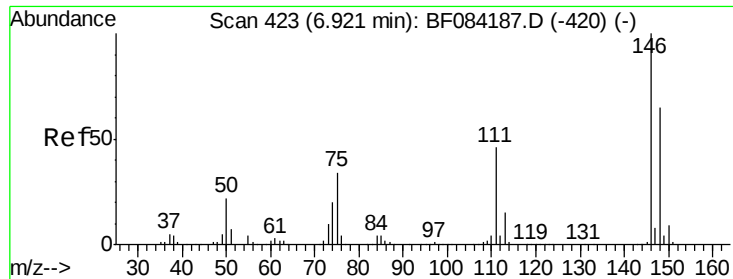


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

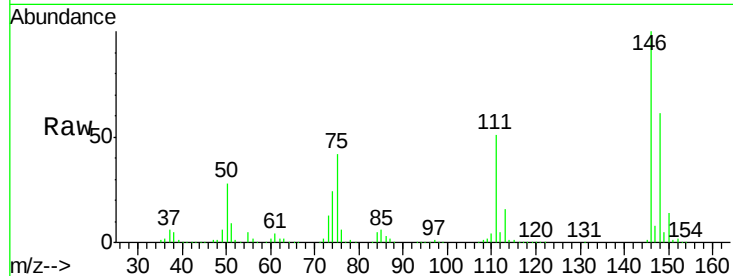




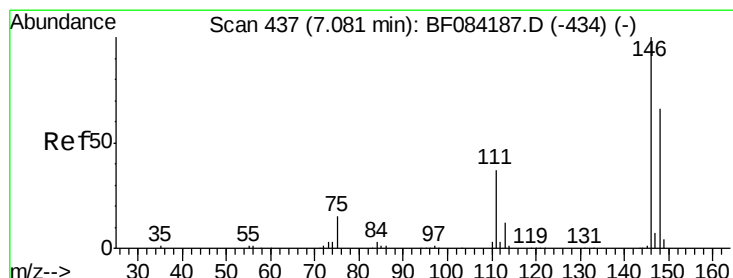
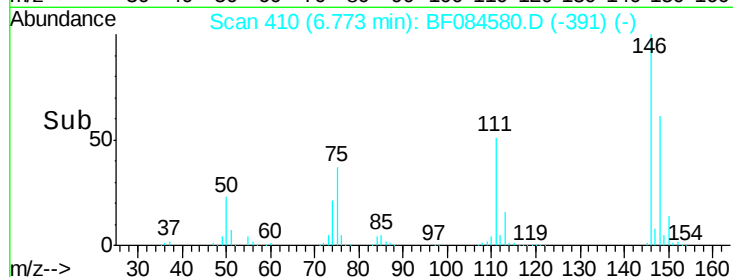
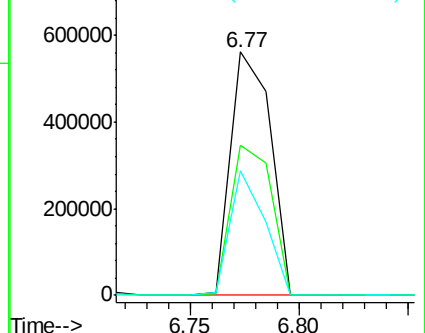
#13
 1,4-Dichlorobenzene
 Concen: 43.57 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:146 Resp: 713922
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.9 77.9
 111 51.4 41.6 62.4

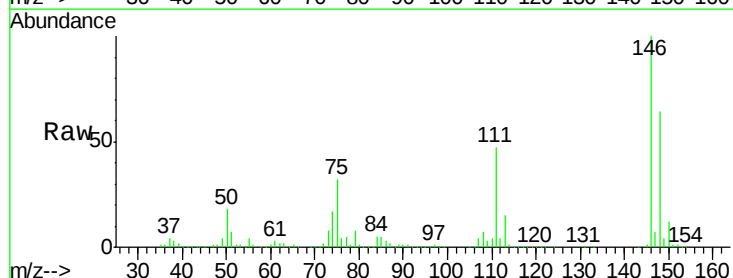


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

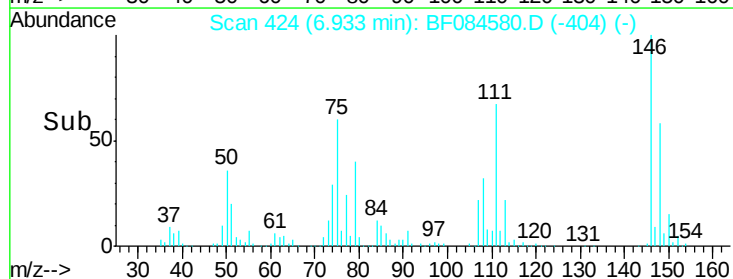
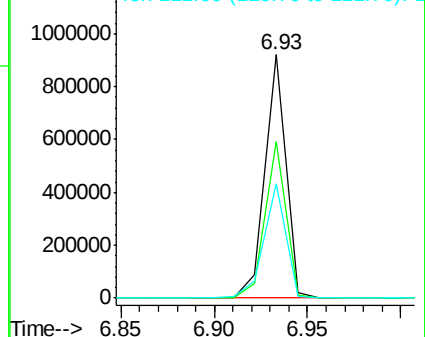


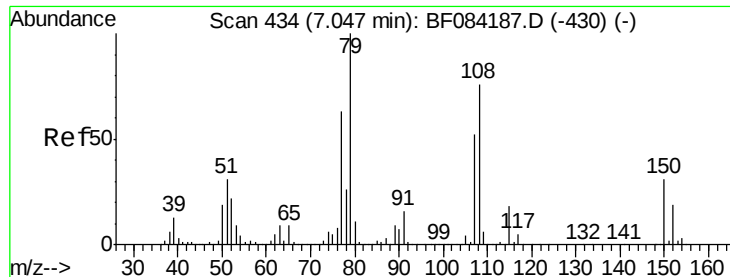
#14
 1,2-Dichlorobenzene
 Concen: 45.02 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion:146 Resp: 706557
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 46.8 38.0 57.0



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: 41.18 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

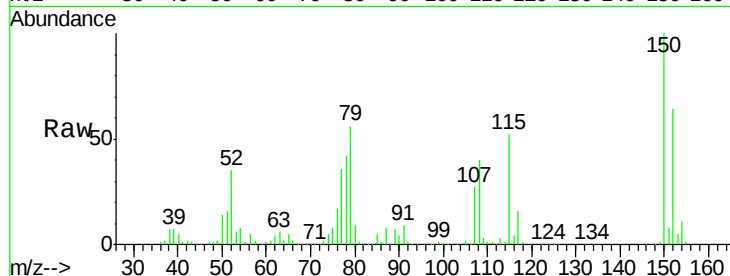
Tgt Ion: 79 Resp: 607416

Ion Ratio Lower Upper

79 100

108 71.7 69.0 103.4

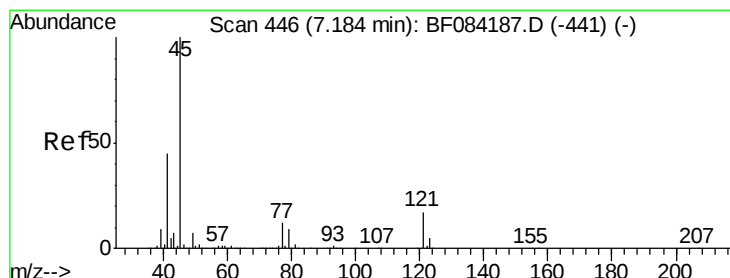
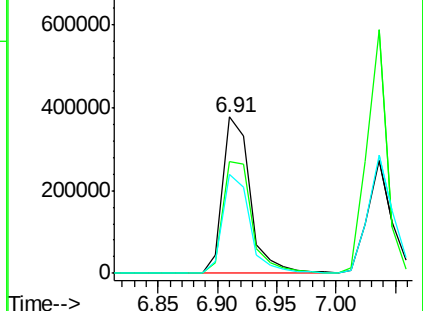
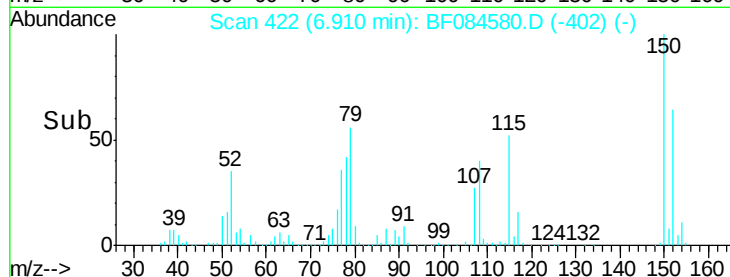
77 63.9 50.0 75.0



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: 38.07 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

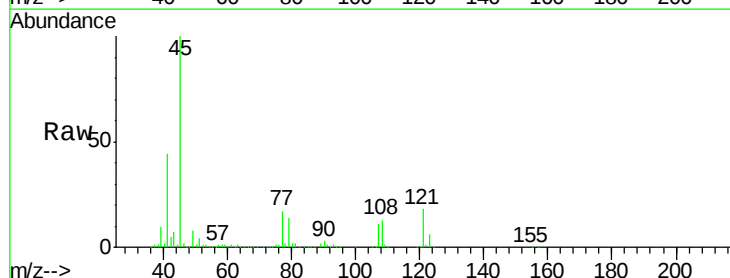
Tgt Ion: 45 Resp: 1070679

Ion Ratio Lower Upper

45 100

77 16.8 0.0 39.6

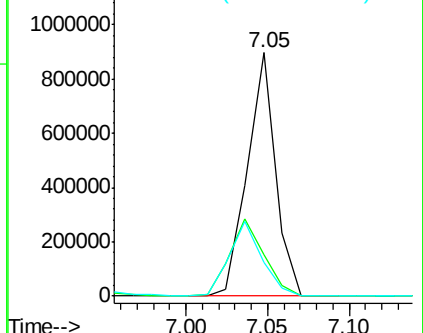
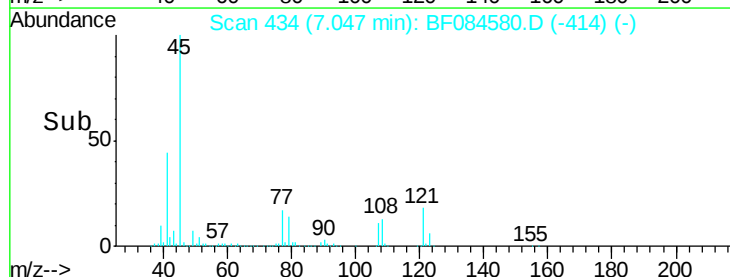
79 13.8 0.0 35.0

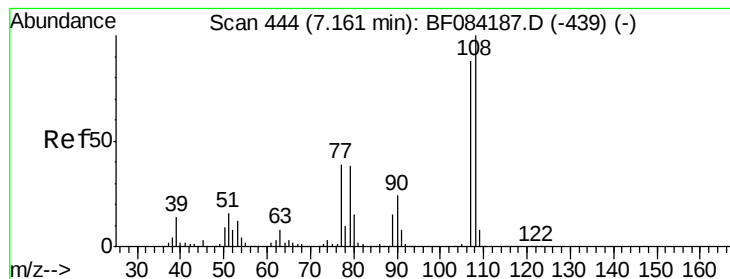


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.51 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tgt Ion:107 Resp: 590990

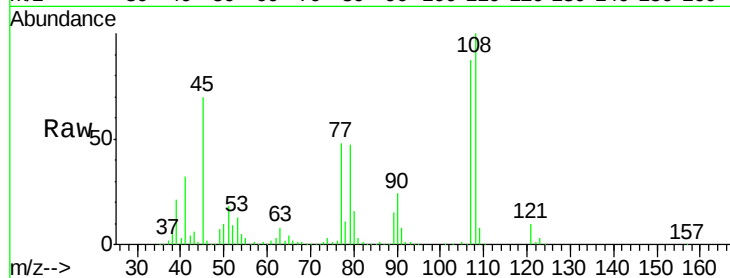
Ion Ratio Lower Upper

107 100

108 115.1 89.8 134.6

77 55.8 35.7 53.5#

79 53.5 35.7 53.5

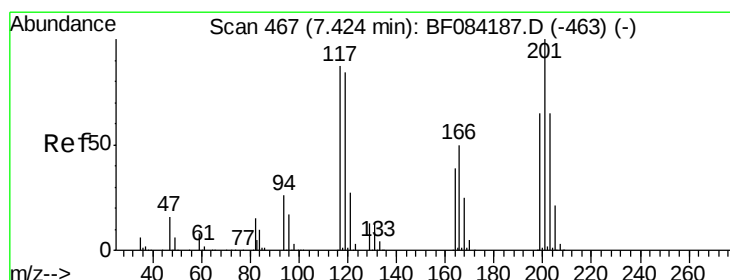
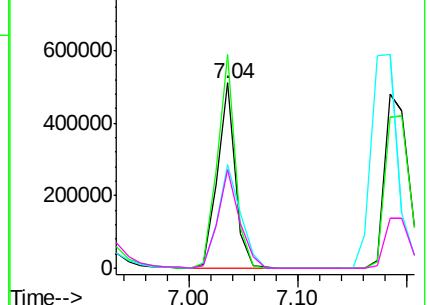
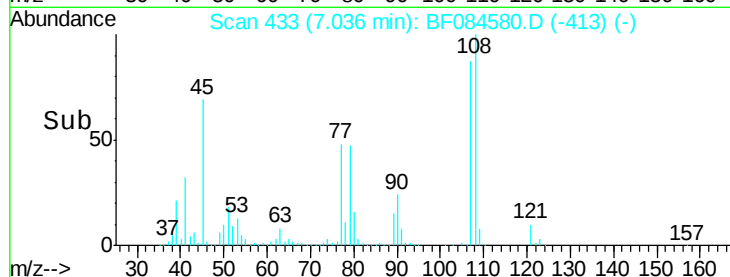


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 44.44 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

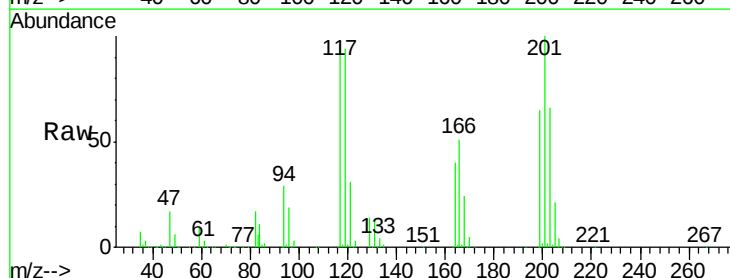
Tgt Ion:117 Resp: 291211

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.0

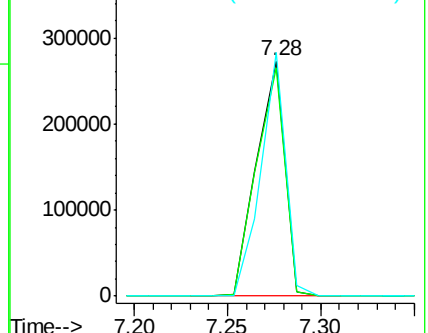
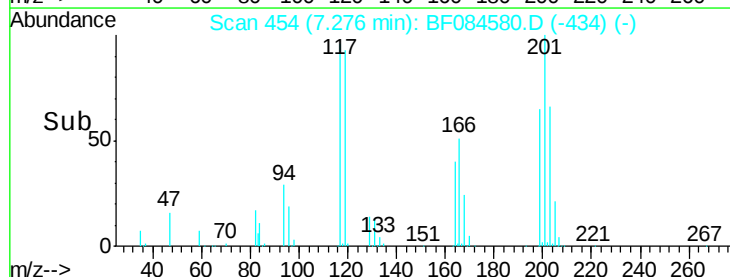
201 103.6 68.6 103.0#

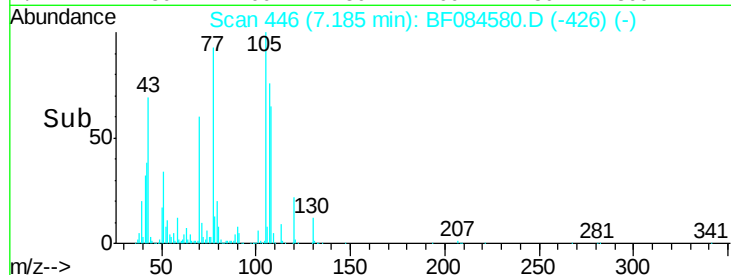
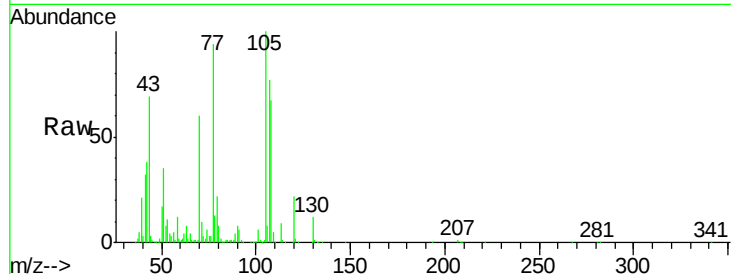
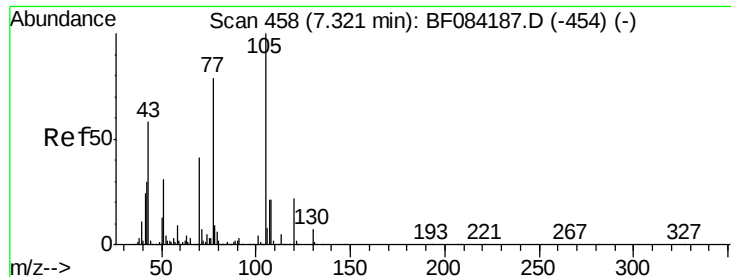


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

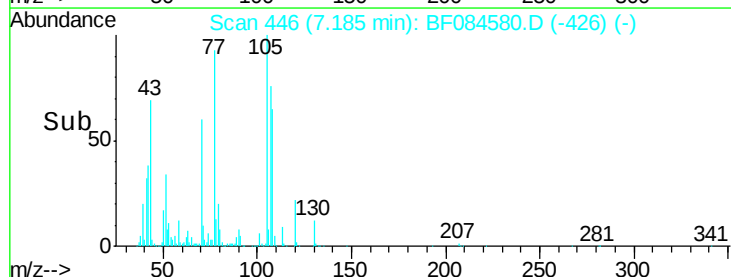
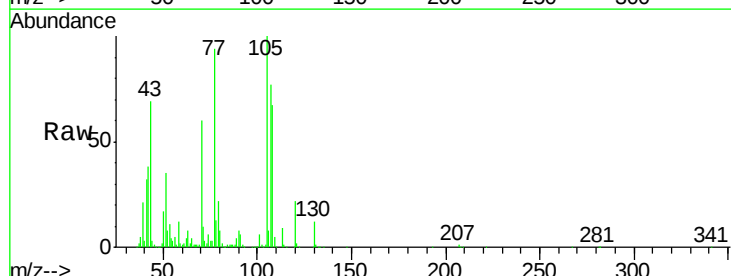
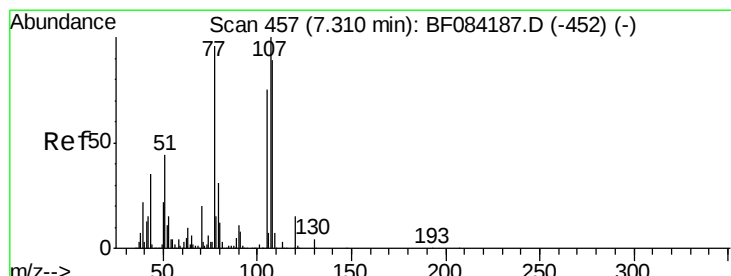
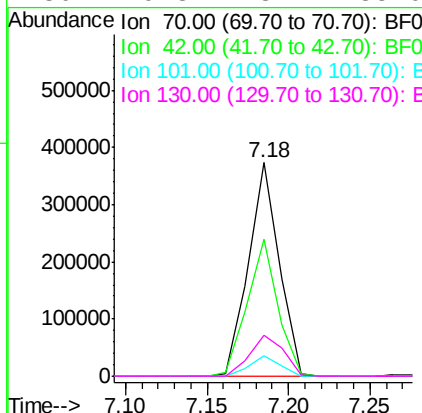




#19
n-Nitroso-di-n-propylamine
Concen: 41.05 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

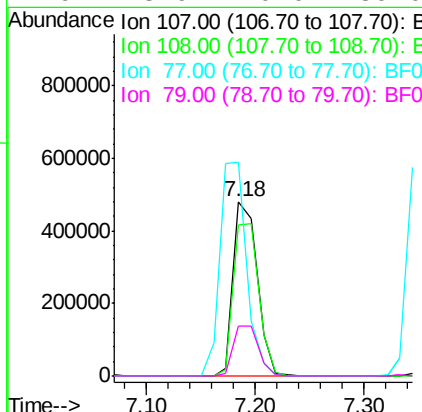
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

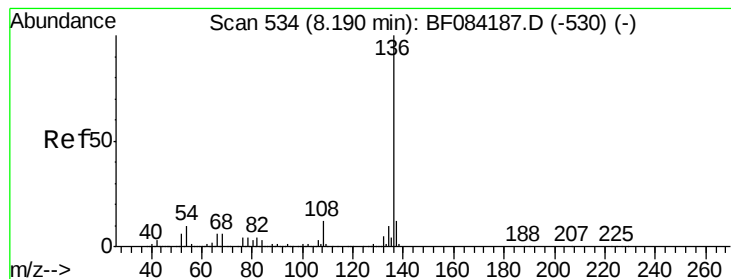
Tgt Ion:	70	Resp:	487287
Ion	Ratio	Lower	Upper
70	100		
42	64.4	33.3	49.9#
101	9.6	9.3	13.9
130	19.3	23.4	35.0#



#20
3+4-Methylphenols
Concen: 46.89 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion:	107	Resp:	731735
Ion	Ratio	Lower	Upper
107	100		
108	86.9	74.6	114.6
77	122.6	0.7	40.7#
79	28.9	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tgt Ion:136 Resp: 933923

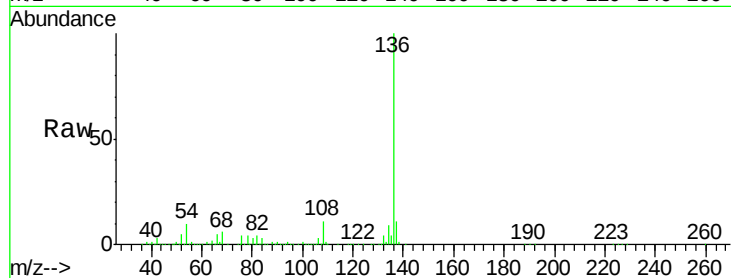
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.2 5.8 8.8#

68 5.6 4.2 6.2

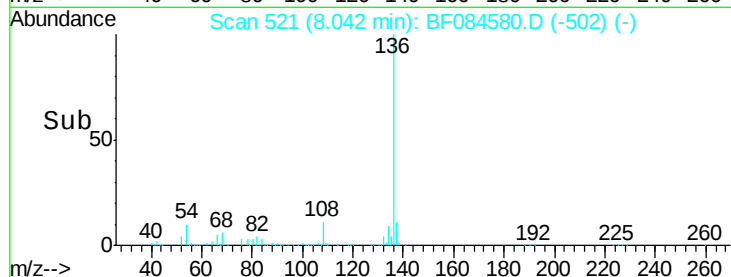


Abundance Ion 136.00 (135.70 to 136.70): E

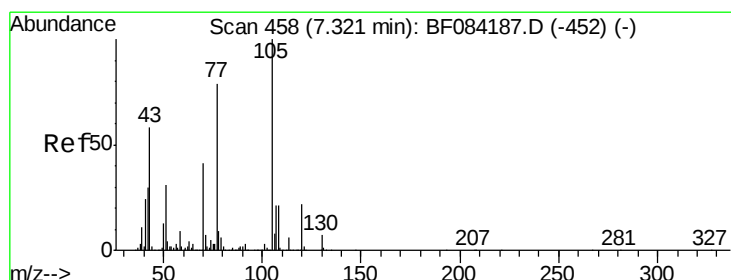
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 45.53 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Tgt Ion:105 Resp: 1022468

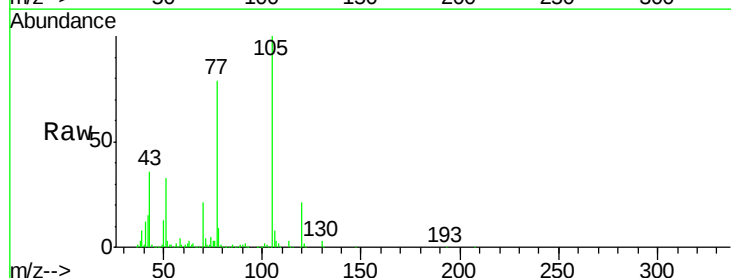
Ion Ratio Lower Upper

105 100

71 3.6 3.7 5.5#

51 32.8 25.1 37.7

120 20.6 16.6 25.0

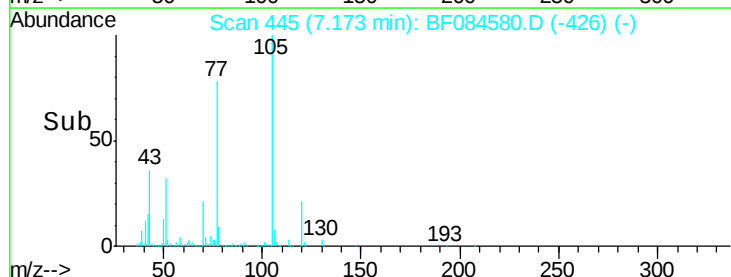


Abundance Ion 105.00 (104.70 to 105.70): E

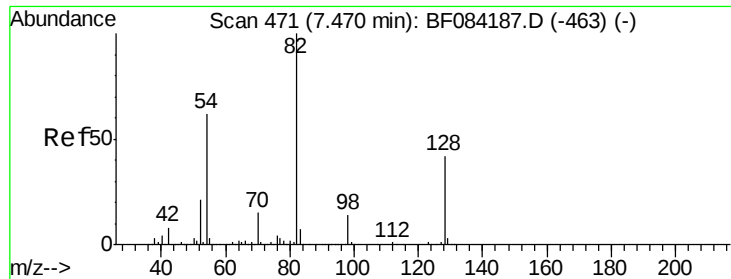
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 86.76 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

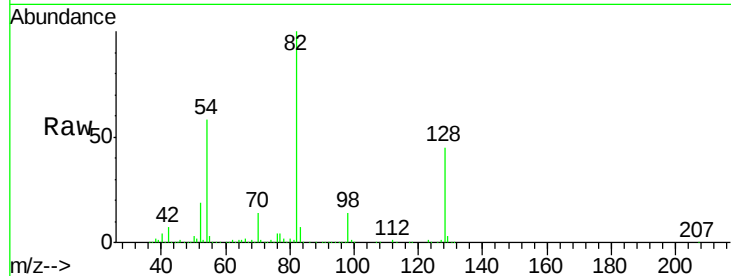
Tgt Ion: 82 Resp: 1455949

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

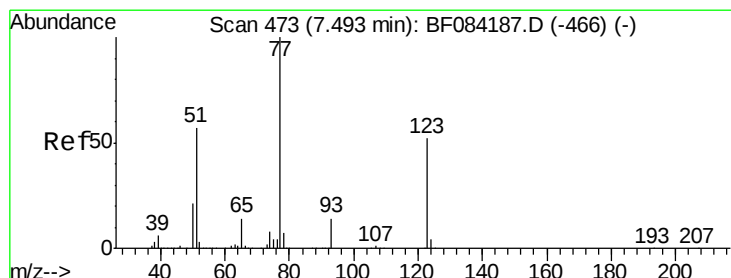
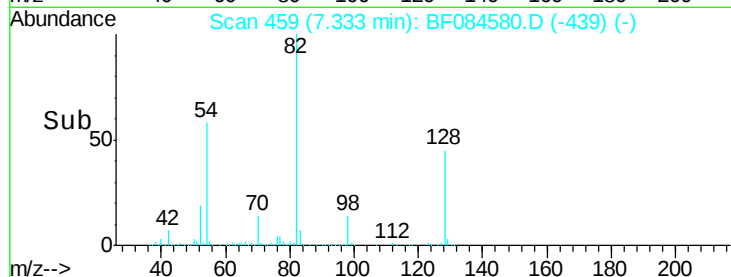
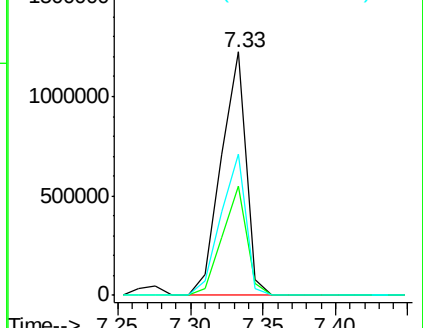
54 58.0 38.4 57.6#



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: 43.57 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

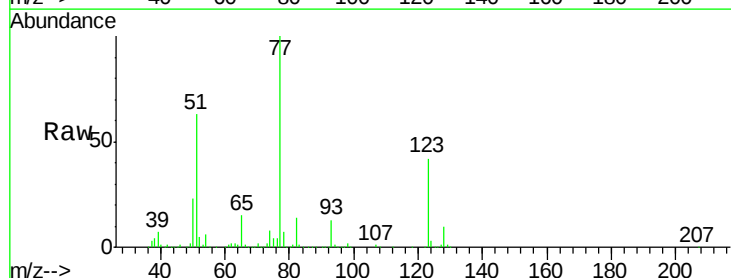
Tgt Ion: 77 Resp: 741586

Ion Ratio Lower Upper

77 100

123 41.8 37.4 56.2

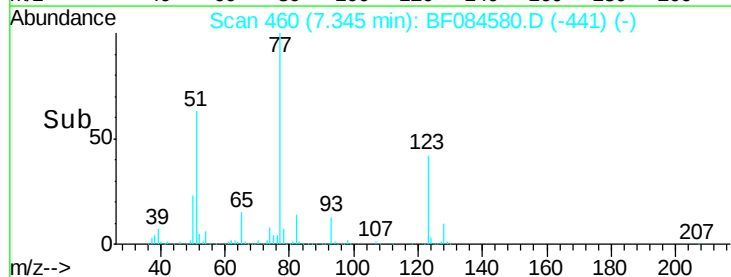
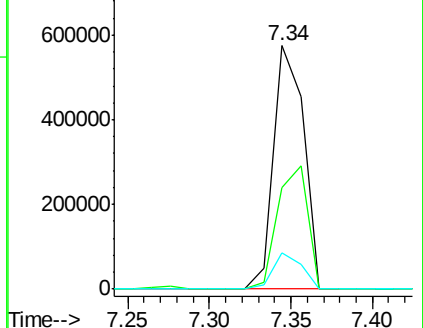
65 14.8 10.9 16.3

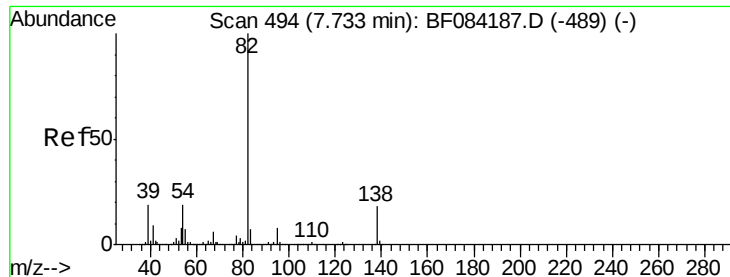


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.27 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

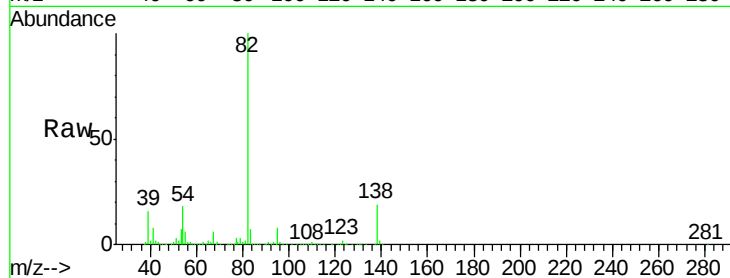
Tgt Ion: 82 Resp: 1420713

Ion Ratio Lower Upper

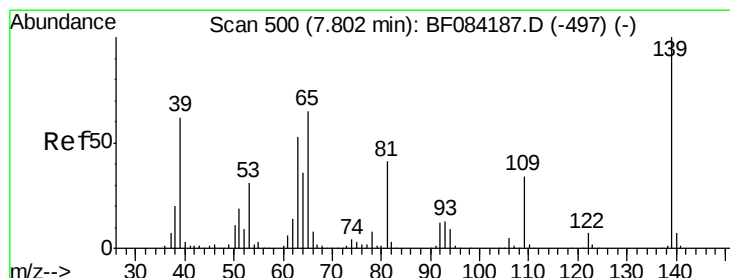
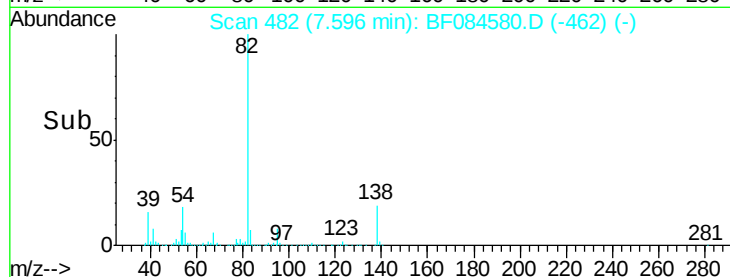
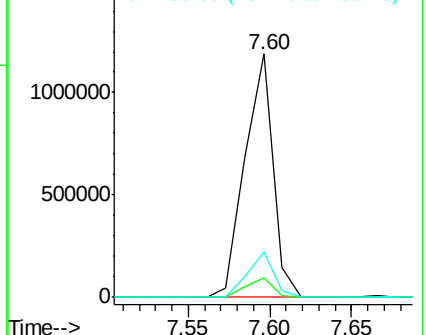
82 100

95 7.9 6.6 10.0

138 18.7 13.6 20.4



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: 49.11 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

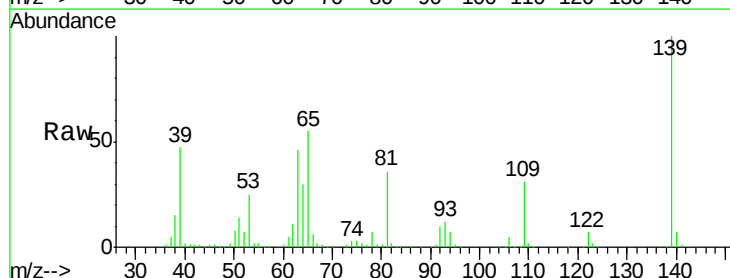
Tgt Ion: 139 Resp: 380377

Ion Ratio Lower Upper

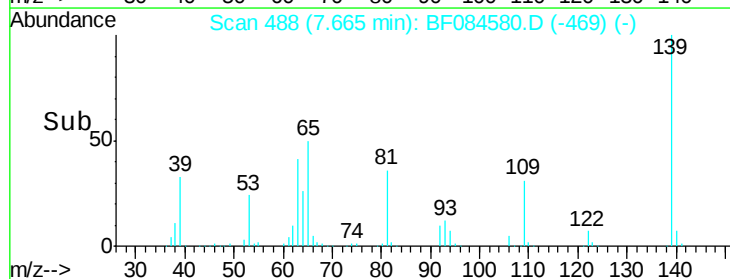
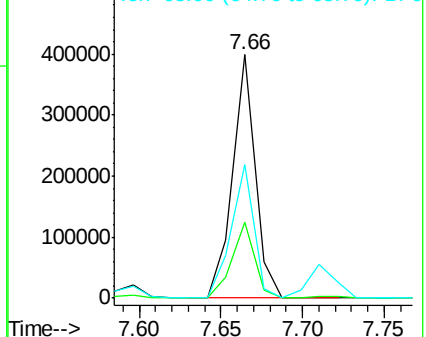
139 100

109 31.5 25.4 38.2

65 54.8 32.3 48.5#



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: 43.58 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

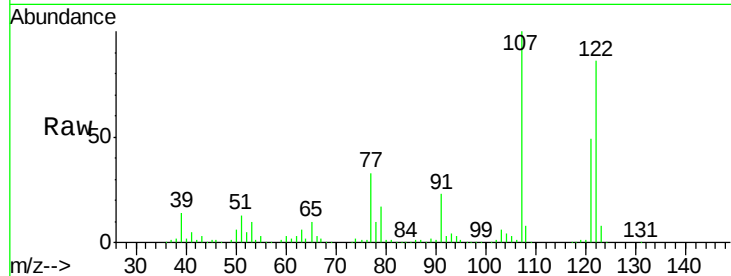
Tgt Ion:122 Resp: 683310

Ion Ratio Lower Upper

122 100

107 116.5 99.1 148.7

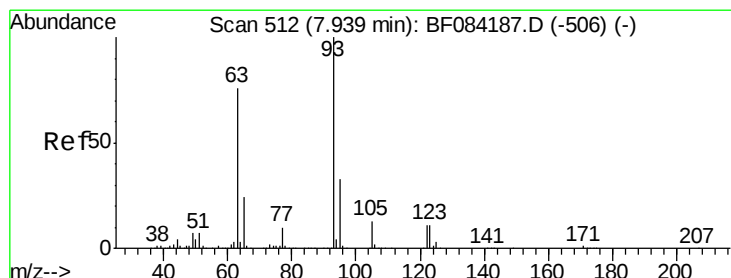
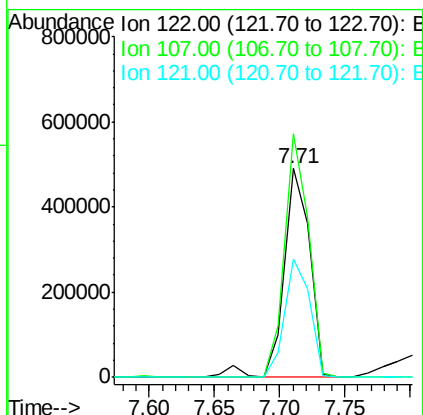
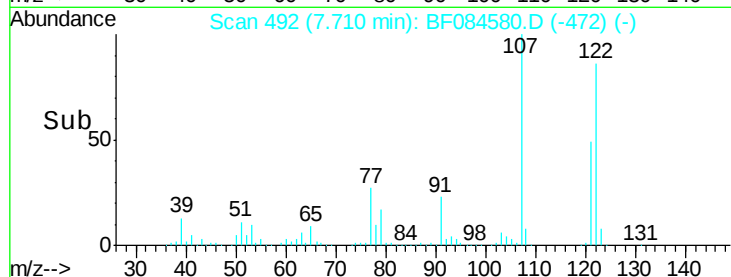
121 56.7 47.9 71.9



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: 43.36 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

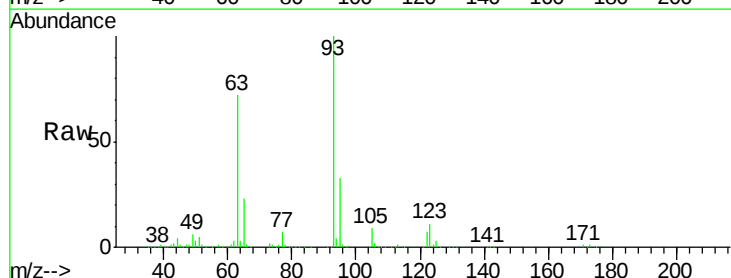
Tgt Ion: 93 Resp: 850068

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

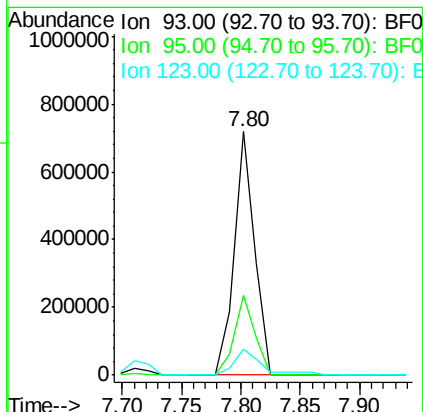
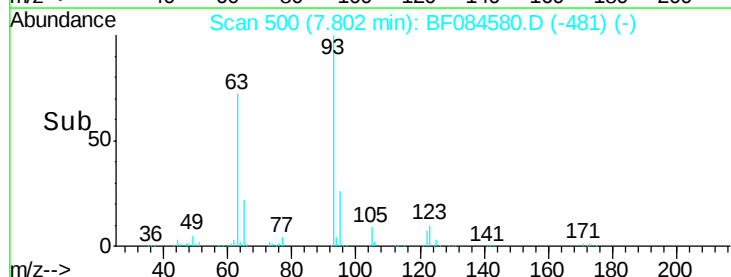
123 10.9 8.6 12.8



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: 48.32 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

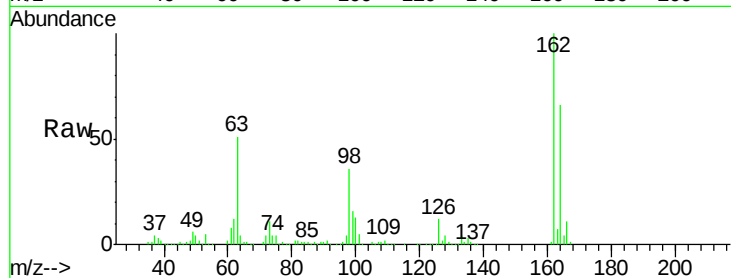
Tgt Ion:162 Resp: 631047

Ion Ratio Lower Upper

162 100

164 65.5 44.1 84.1

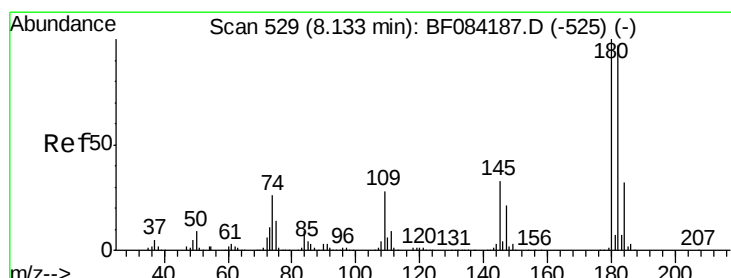
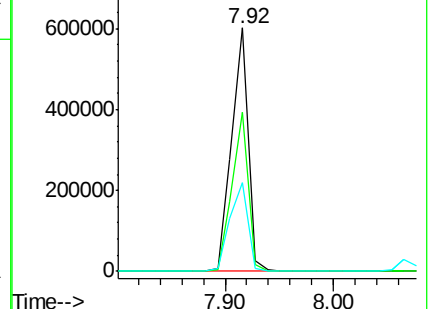
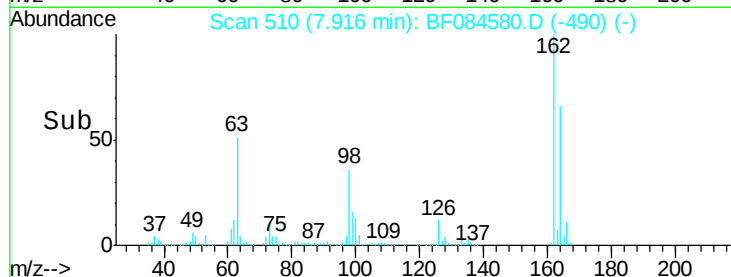
98 36.2 20.2 60.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 46.64 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

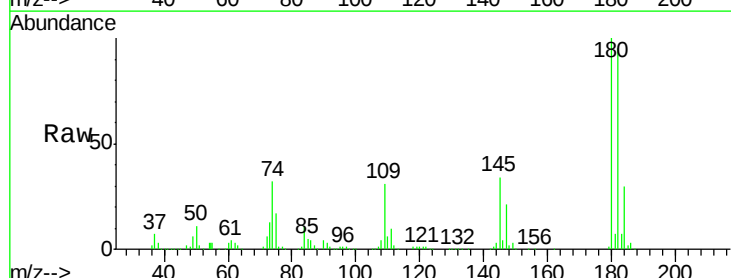
Tgt Ion:180 Resp: 628866

Ion Ratio Lower Upper

180 100

182 94.7 76.4 114.6

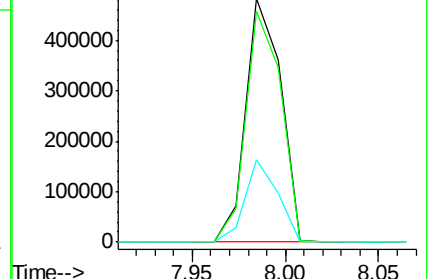
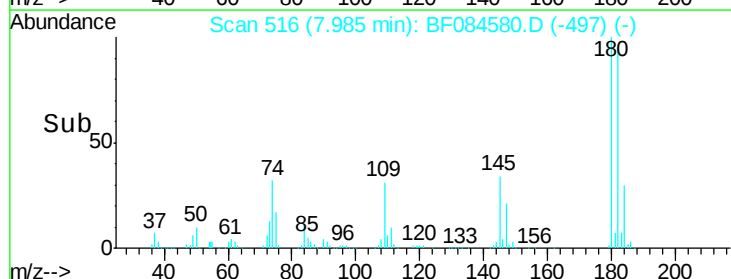
145 33.9 31.6 47.4

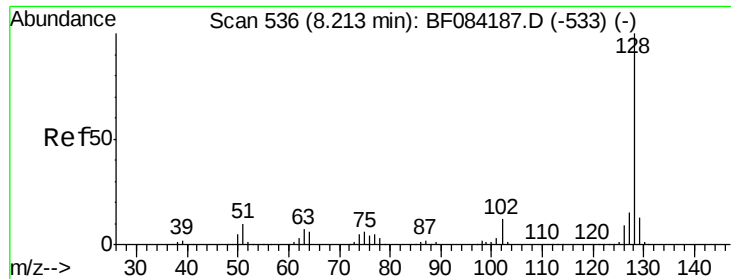


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

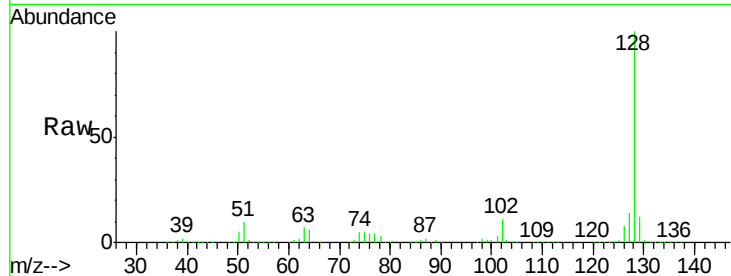




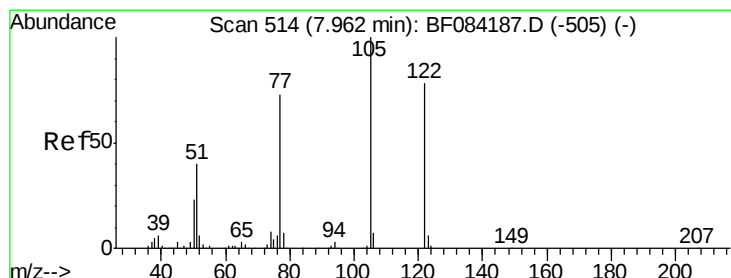
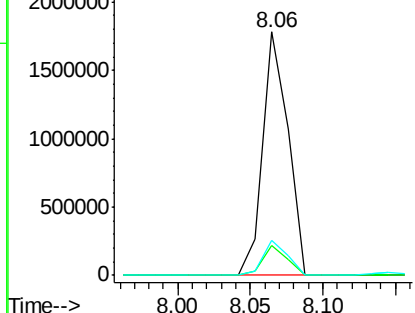
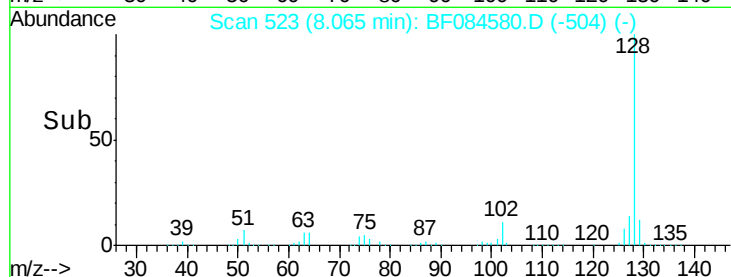
#31
Naphthalene
Concen: 50.52 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion:128 Resp: 2140689
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 14.2 11.1 16.7

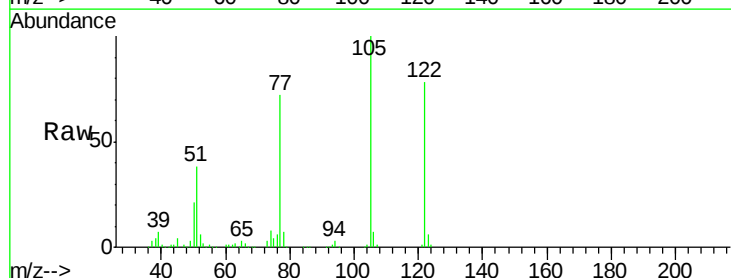


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

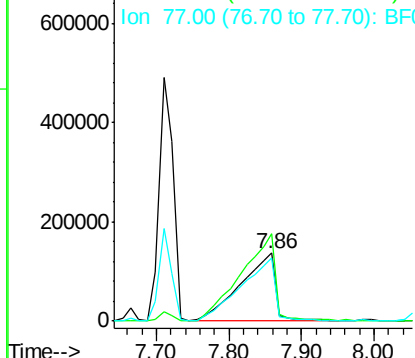
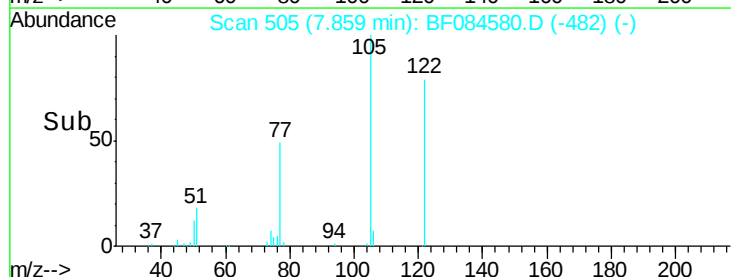


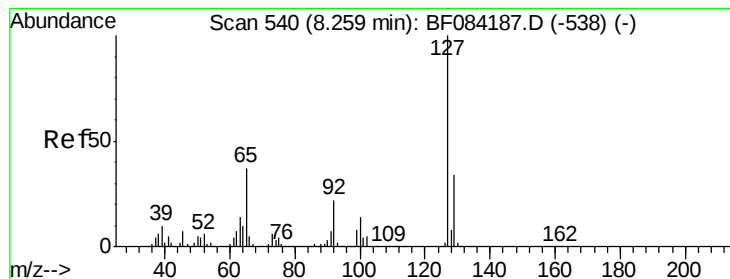
#32
Benzoic acid
Concen: 45.55 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion:122 Resp: 455775
Ion Ratio Lower Upper
122 100
105 127.7 100.3 140.3
77 92.0 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 2.78 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tgt Ion:127 Resp: 53971

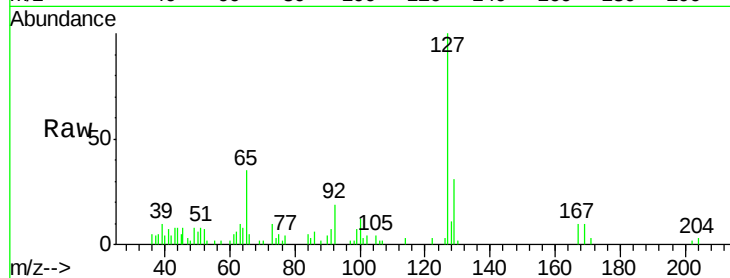
Ion Ratio Lower Upper

127 100

129 31.5 26.5 39.7

65 34.8 27.2 40.8

92 19.4 17.7 26.5

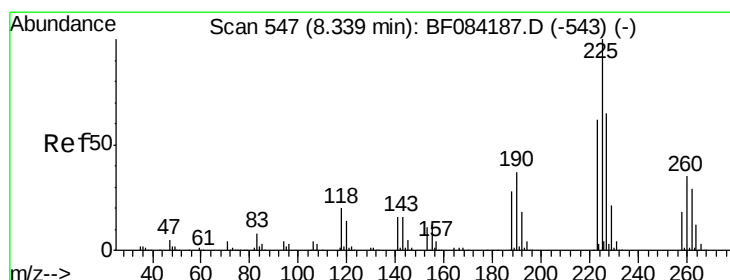
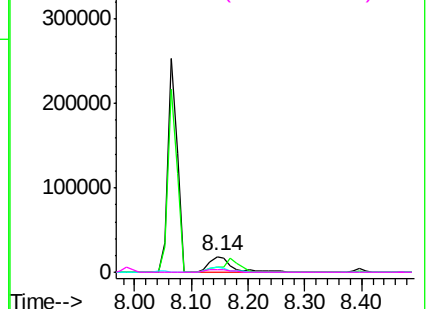
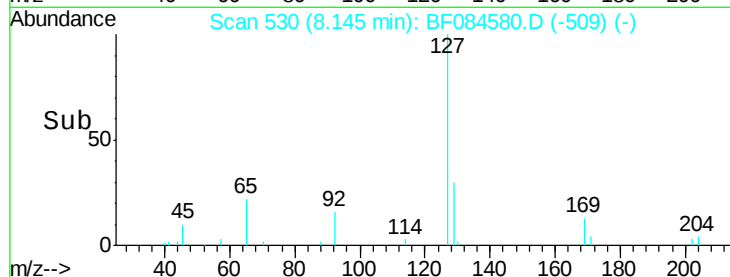


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.93 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

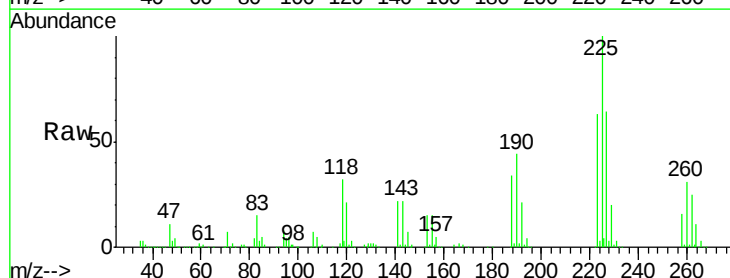
Tgt Ion:225 Resp: 363758

Ion Ratio Lower Upper

225 100

223 63.5 49.4 74.0

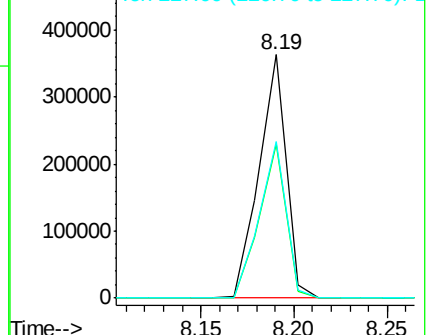
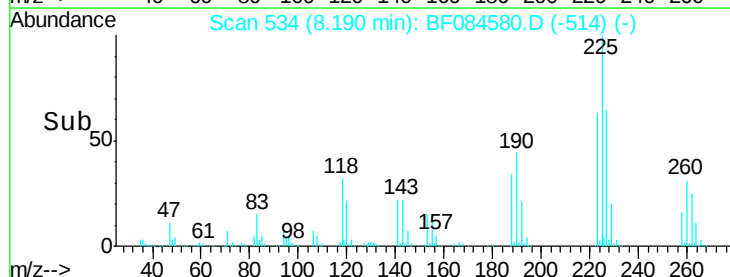
227 64.4 50.8 76.2

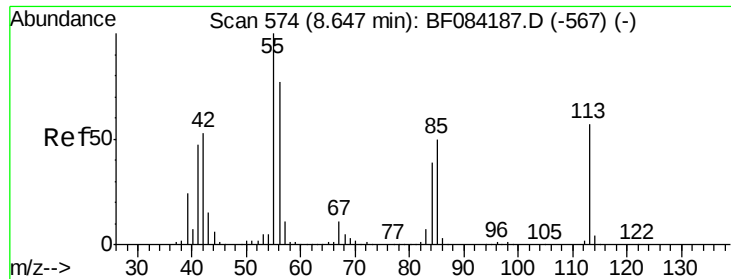


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

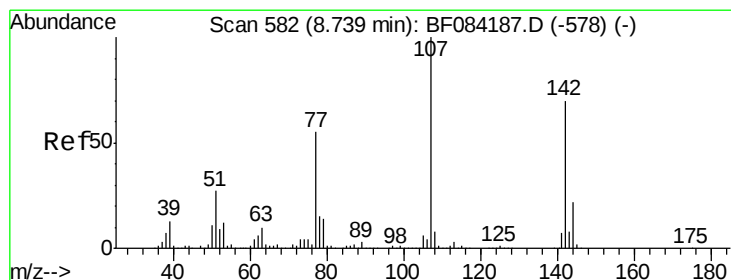
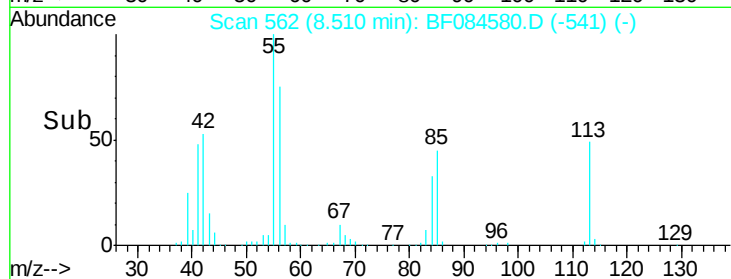
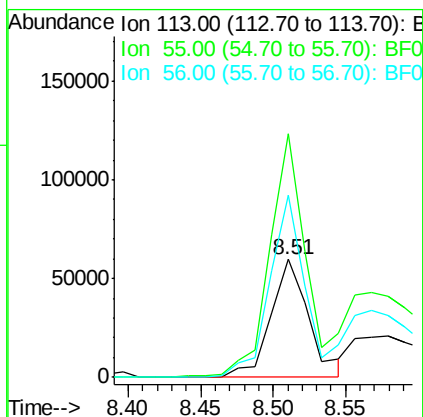
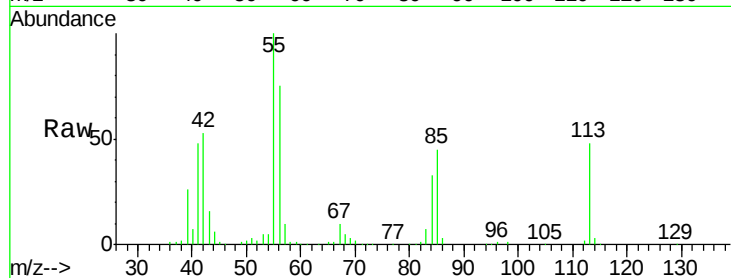




#35
 Caprolactam
 Concen: 24.57 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.06 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

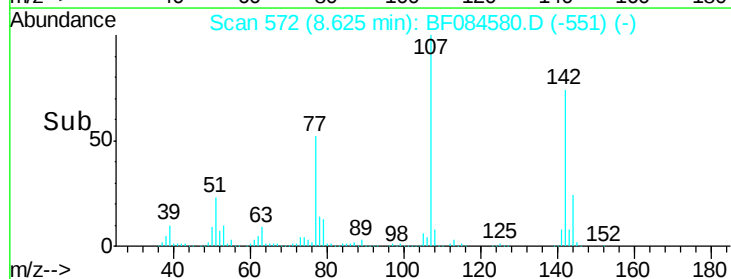
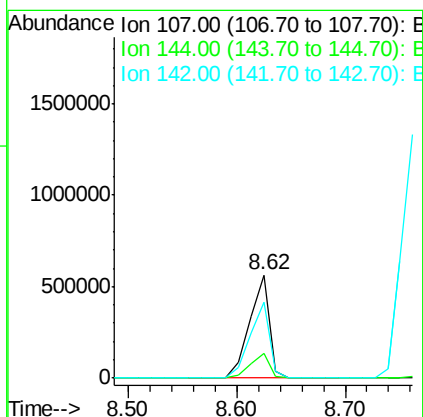
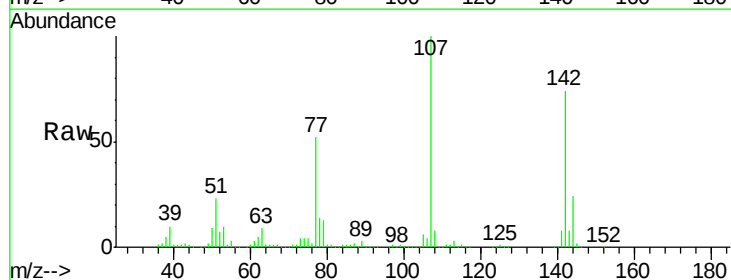
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

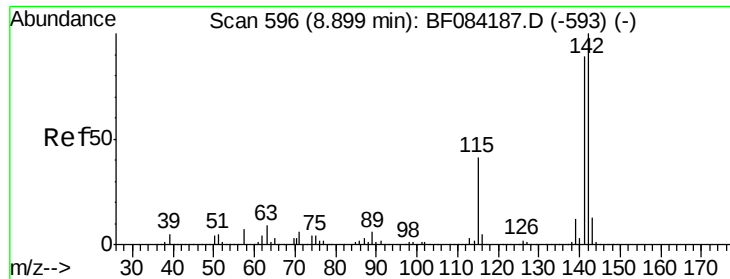
Tgt Ion:113 Resp: 108174
 Ion Ratio Lower Upper
 113 100
 55 206.8 116.9 156.9#
 56 154.3 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 48.28 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion:107 Resp: 706257
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.7 29.5
 142 74.1 61.8 92.6

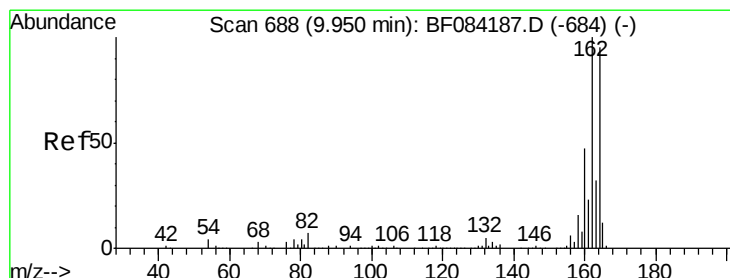
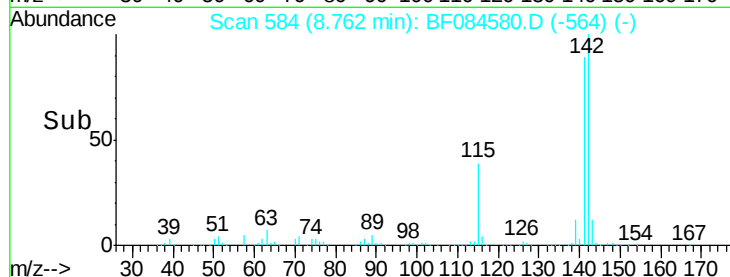
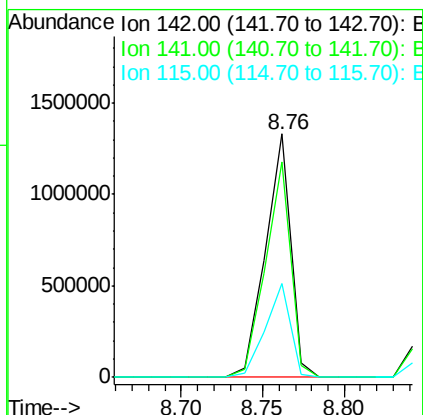
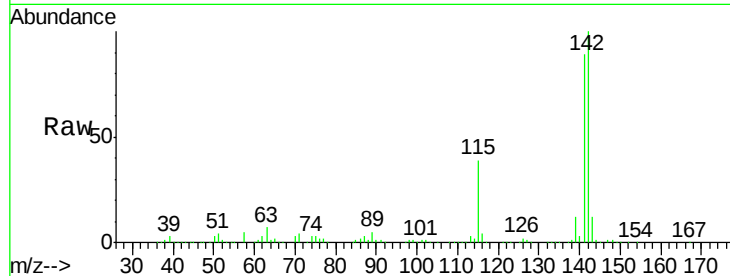




#37
2-Methylnaphthalene
Concen: 47.34 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

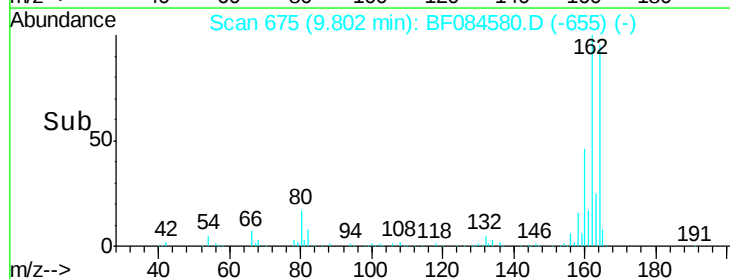
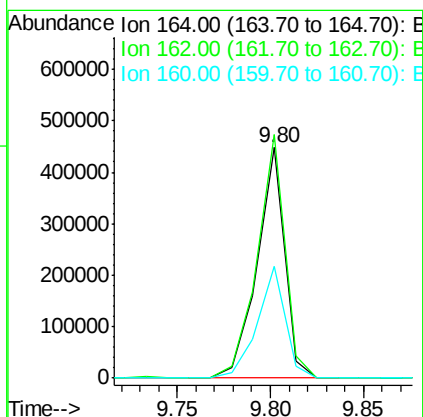
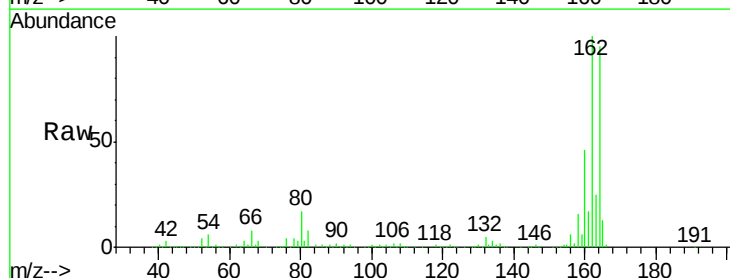
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion:142 Resp: 1439781
Ion Ratio Lower Upper
142 100
141 88.5 72.4 108.6
115 38.8 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion:164 Resp: 454109
Ion Ratio Lower Upper
164 100
162 105.8 85.1 127.7
160 48.3 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.56 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tgt Ion:216 Resp: 568732

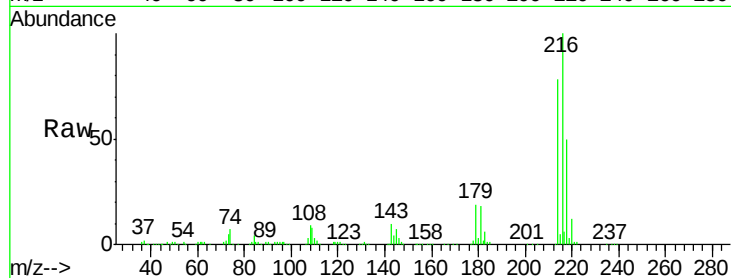
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 22.7 18.7 28.1

108 21.9 16.8 25.2

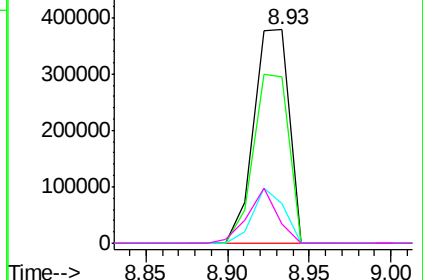
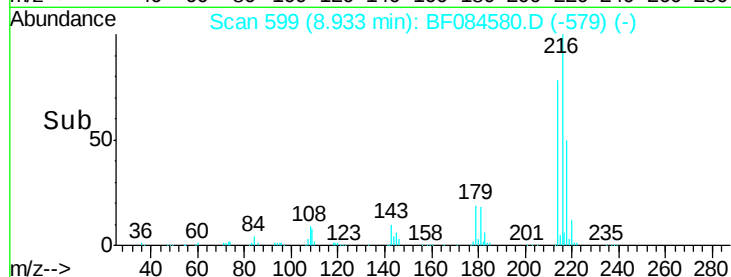


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.35 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

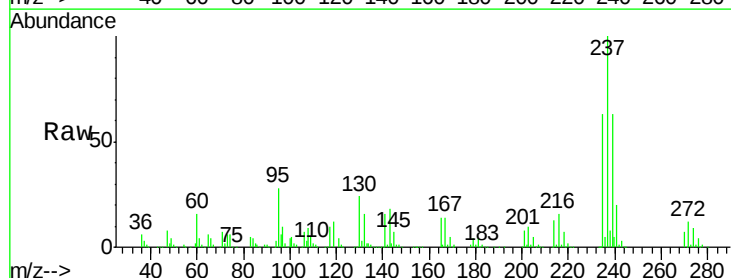
Tgt Ion:237 Resp: 617468

Ion Ratio Lower Upper

237 100

235 63.3 43.1 83.1

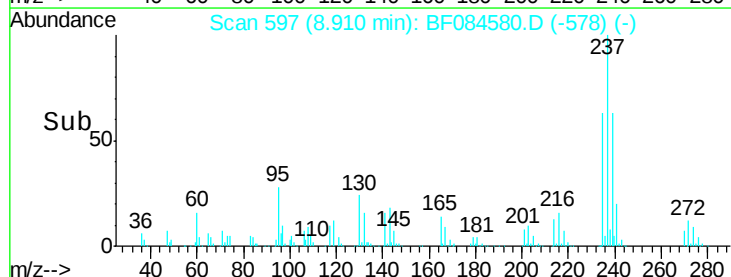
272 12.0 0.0 35.1



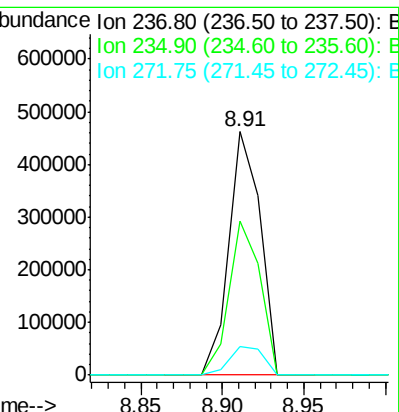
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

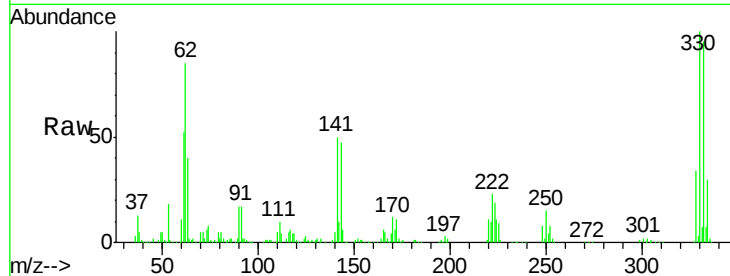




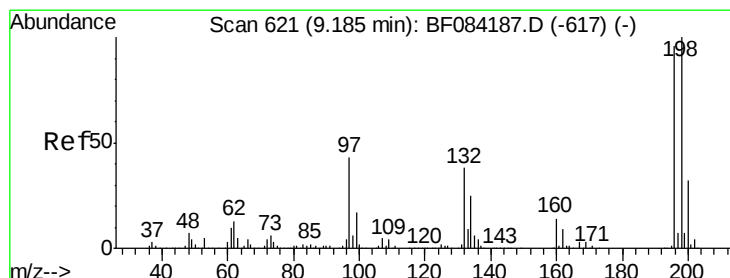
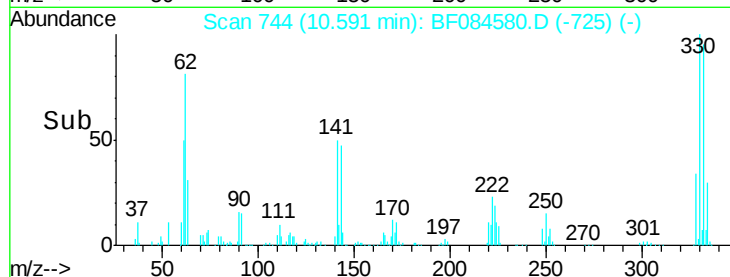
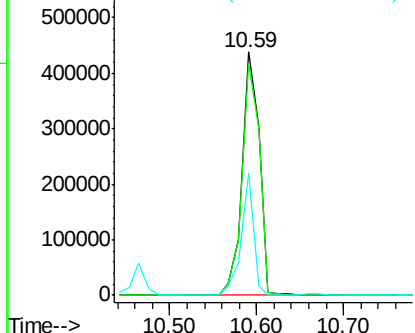
#41
 2,4,6-Tribromophenol
 Concen: 131.40 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:330 Resp: 602432
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 35.9 27.8 41.6

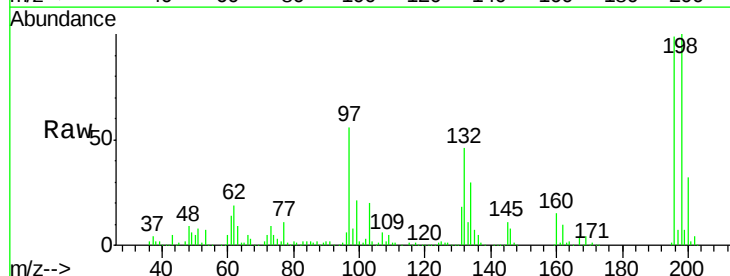


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

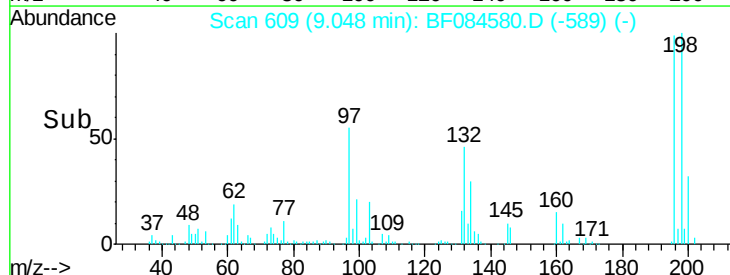
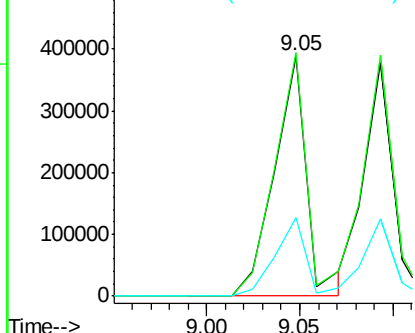


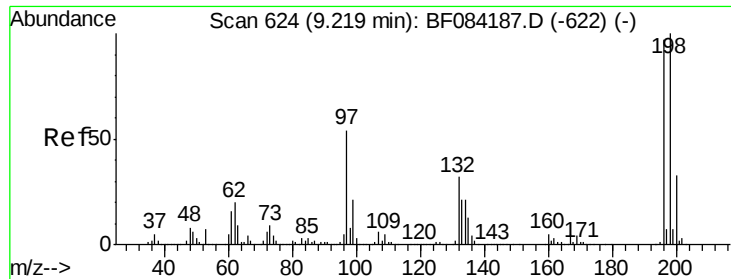
#42
 2,4,6-Trichlorophenol
 Concen: 47.92 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion:196 Resp: 468069
 Ion Ratio Lower Upper
 196 100
 198 101.4 77.7 116.5
 200 32.9 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

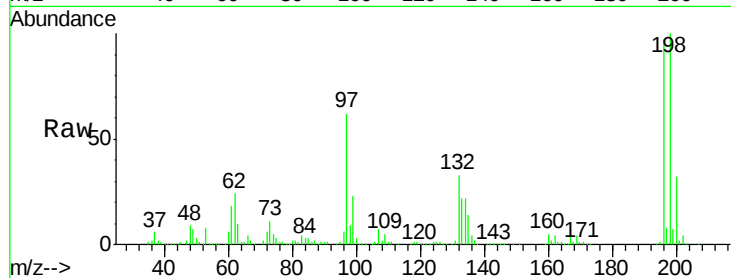




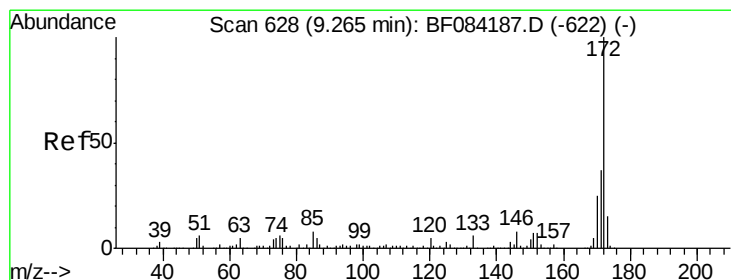
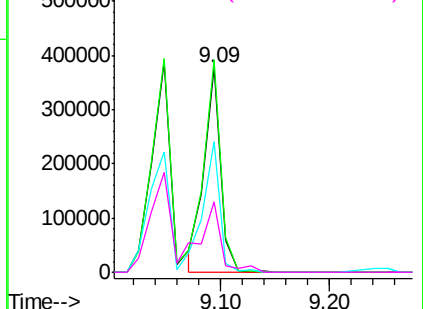
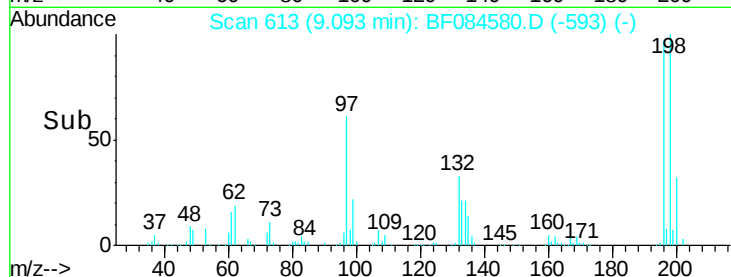
#43
 2,4,5-Trichlorophenol
 Concen: 43.22 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:196 Resp: 404642
 Ion Ratio Lower Upper
 196 100
 198 103.6 79.0 118.6
 97 63.8 33.0 49.6#
 132 34.5 21.1 31.7#

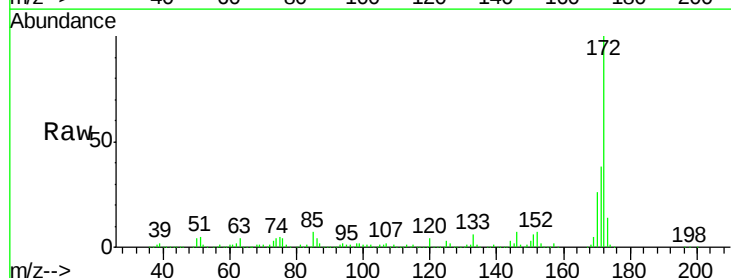


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

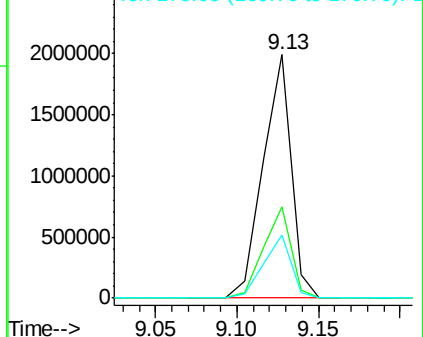
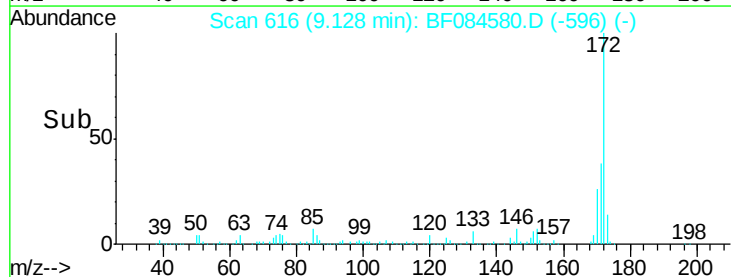


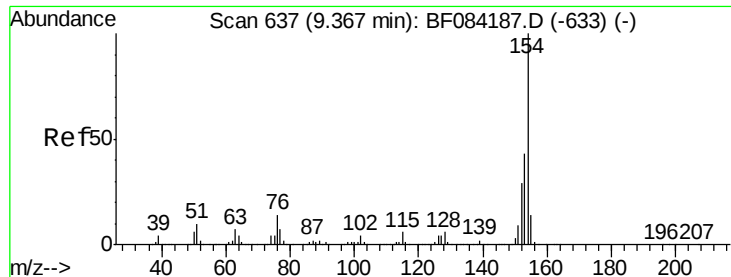
#44
 2-Fluorobiphenyl
 Concen: 93.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion:172 Resp: 2387879
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 25.7 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

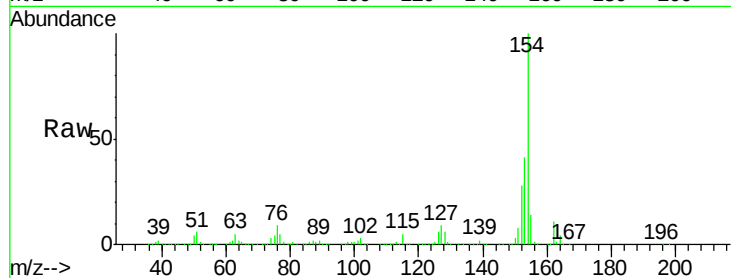




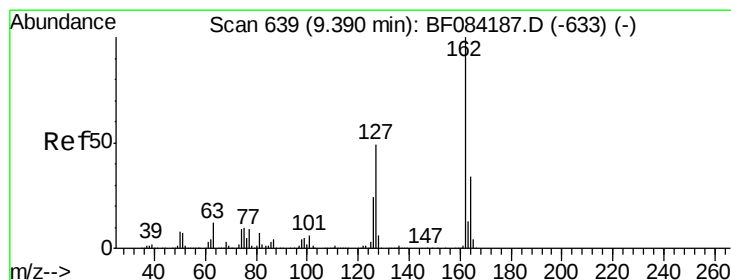
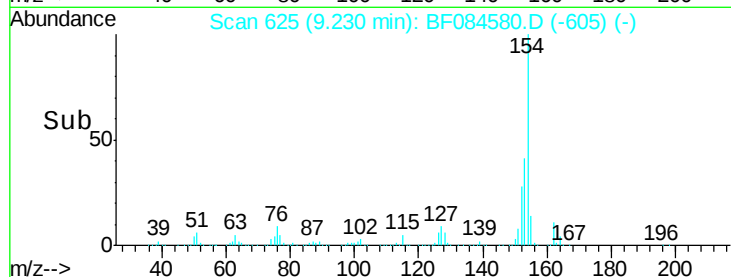
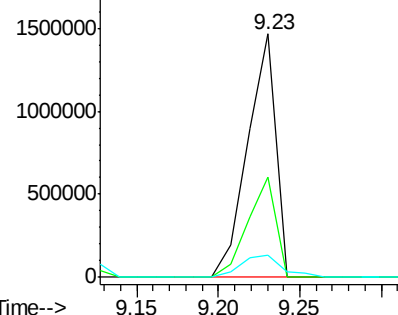
#45
 1,1'-Biphenyl
 Concen: 48.76 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:154 Resp: 1759791
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.6 61.6
 76 9.2 0.0 32.7

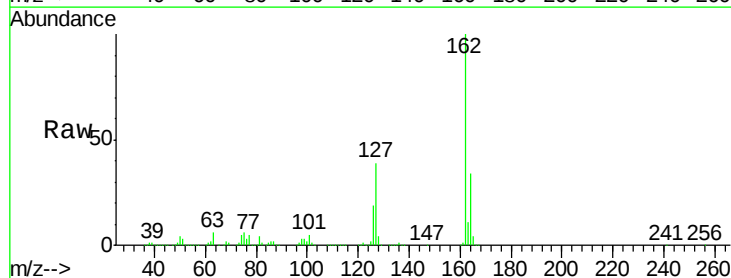


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

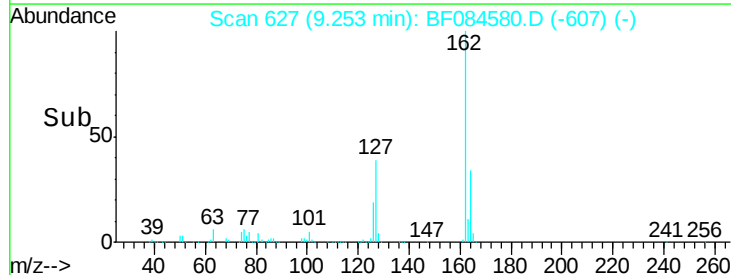
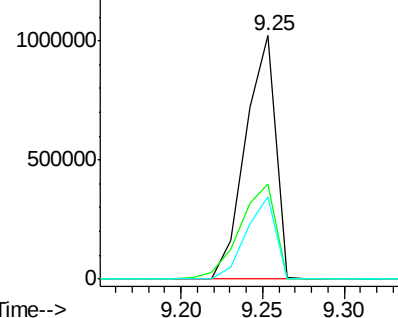


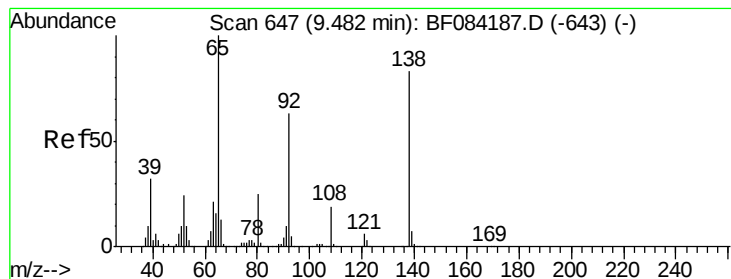
#46
 2-Chloronaphthalene
 Concen: 46.26 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion:162 Resp: 1311308
 Ion Ratio Lower Upper
 162 100
 127 39.2 40.2 60.4#
 164 33.7 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.93 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

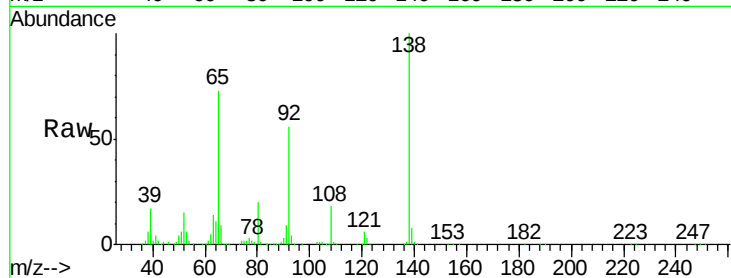
Tgt Ion: 65 Resp: 448506

Ion Ratio Lower Upper

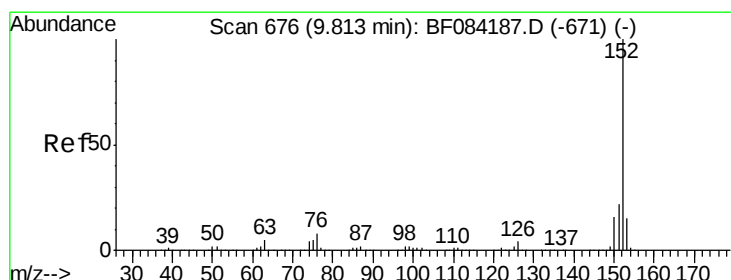
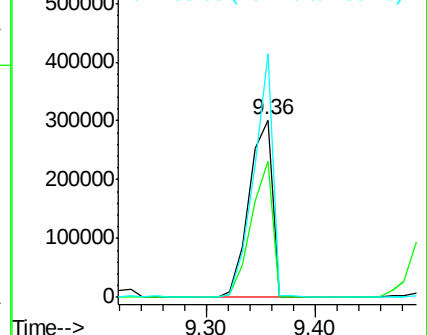
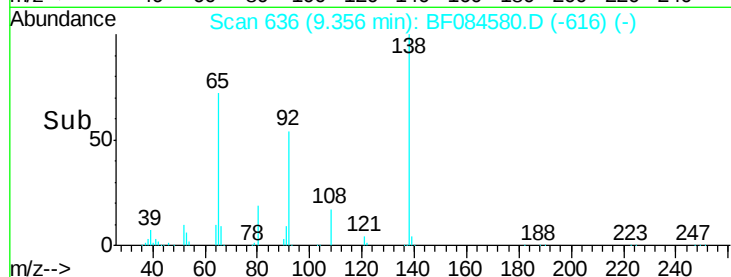
65 100

92 76.8 53.4 80.2

138 137.1 71.1 106.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 46.28 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

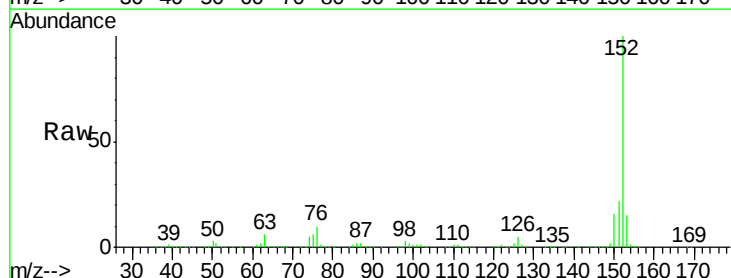
Tgt Ion: 152 Resp: 1938292

Ion Ratio Lower Upper

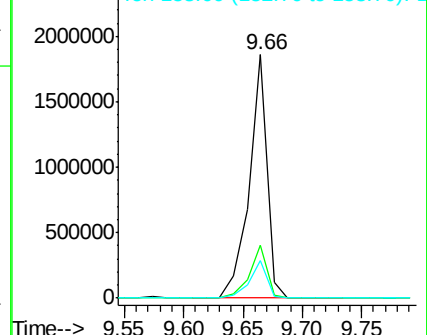
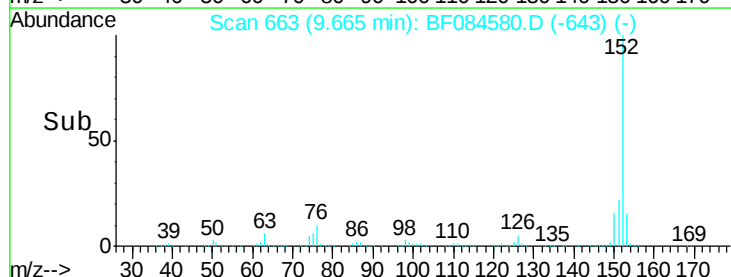
152 100

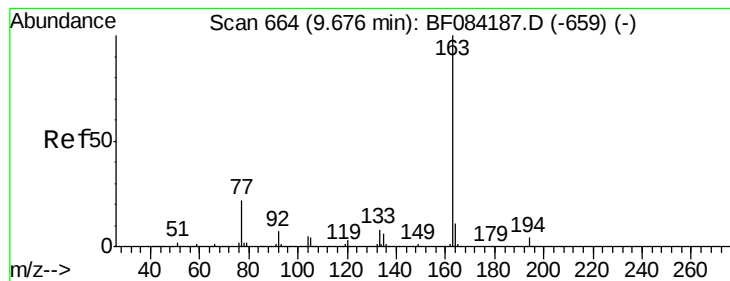
151 21.5 16.3 24.5

153 15.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 46.55 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

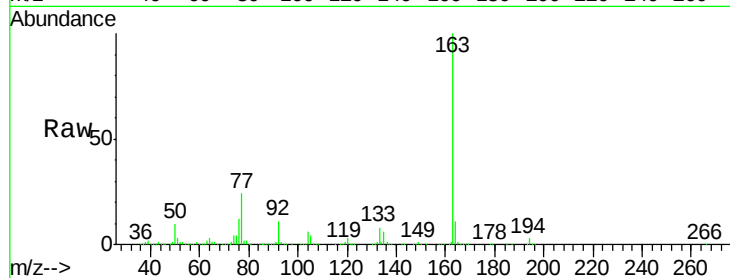
Tgt Ion:163 Resp: 1511069

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

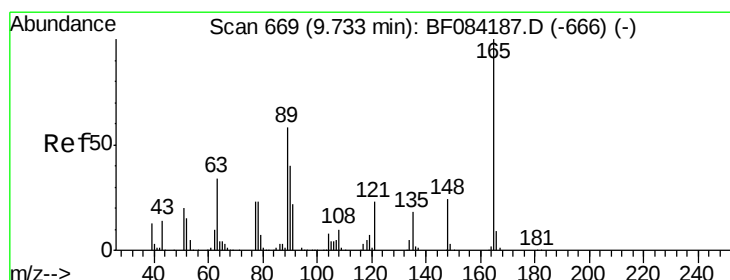
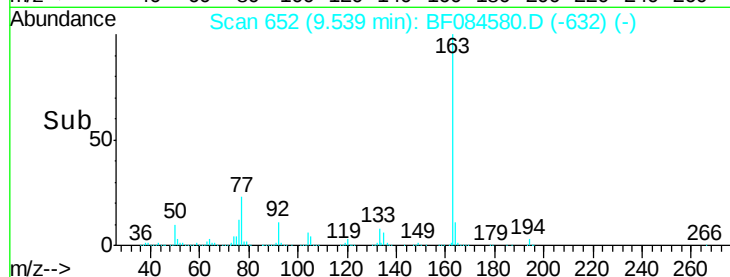
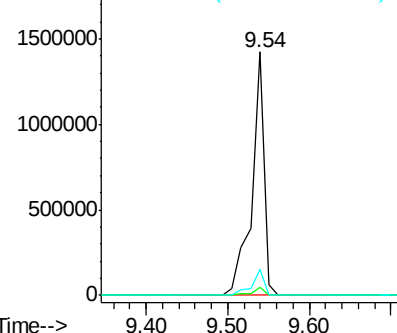
164 10.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.26 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

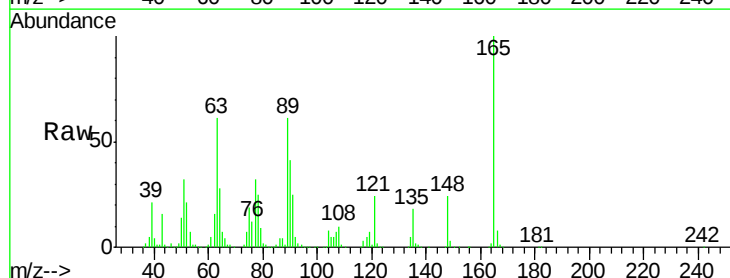
Tgt Ion:165 Resp: 350753

Ion Ratio Lower Upper

165 100

63 61.4 28.8 43.2#

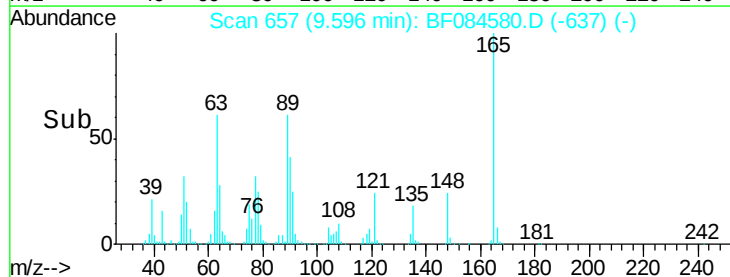
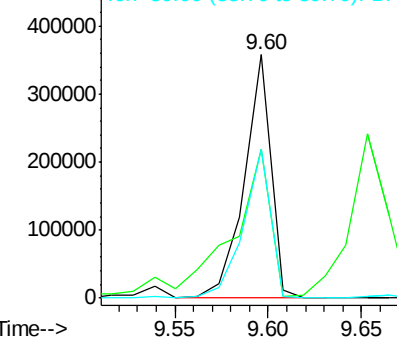
89 61.2 35.1 52.7#

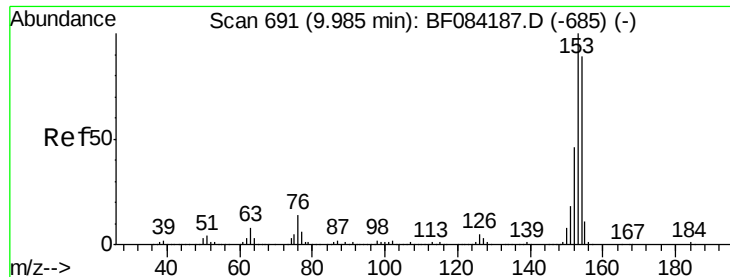


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.20 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

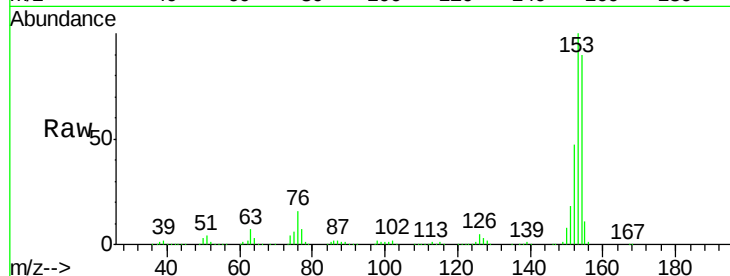
Tgt Ion:154 Resp: 1354109

Ion Ratio Lower Upper

154 100

153 111.0 91.5 137.3

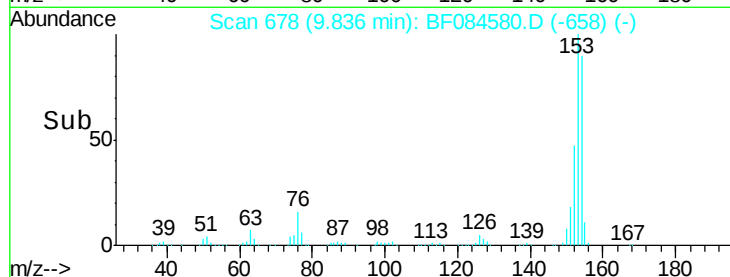
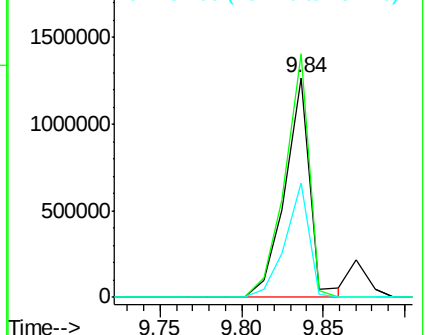
152 52.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.31 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

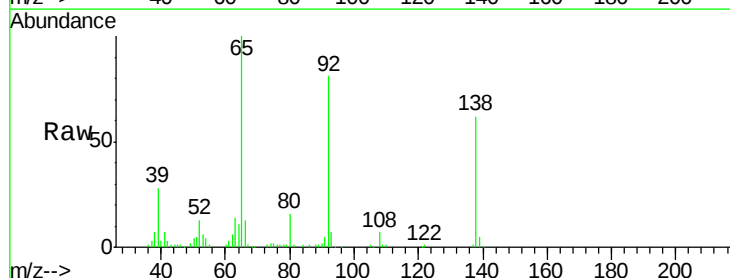
Tgt Ion:138 Resp: 90999

Ion Ratio Lower Upper

138 100

108 12.1 10.5 15.7

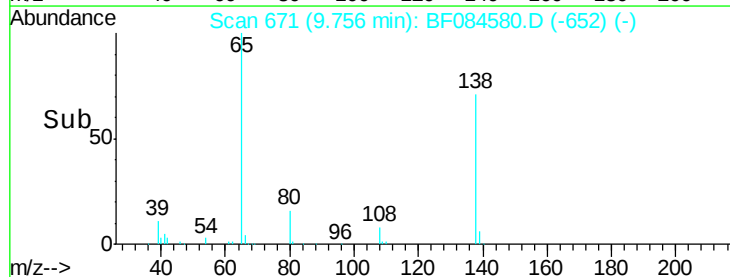
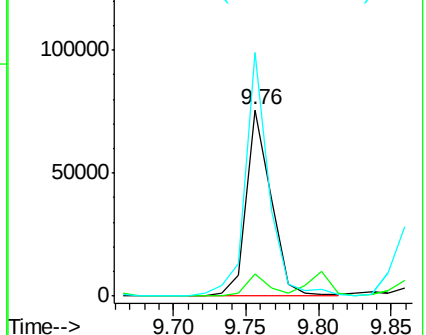
92 130.5 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

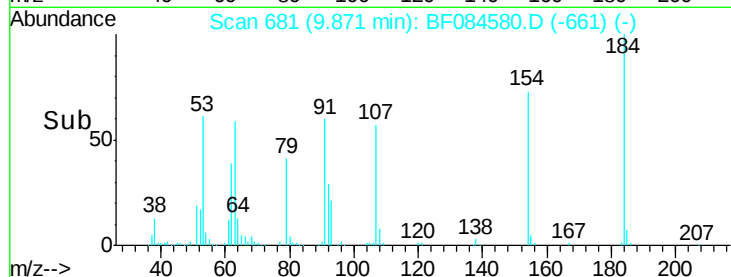
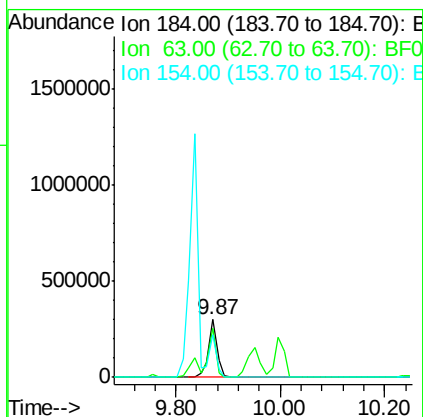
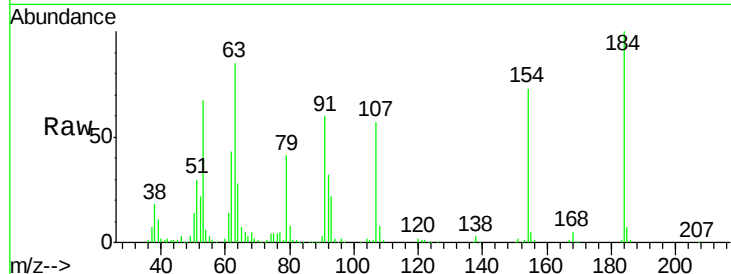




#53
2,4-Dinitrophenol
Concen: 114.52 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

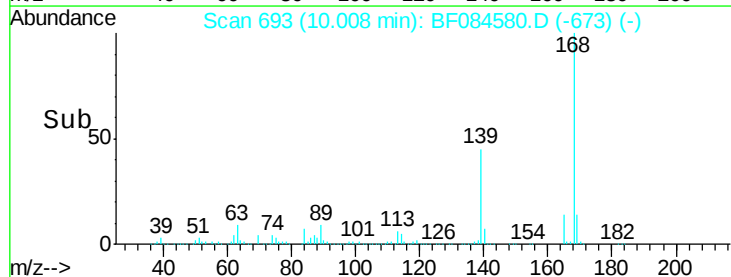
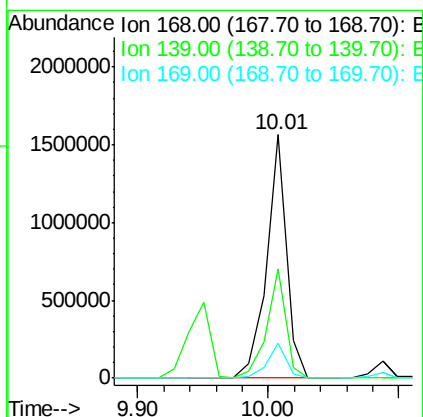
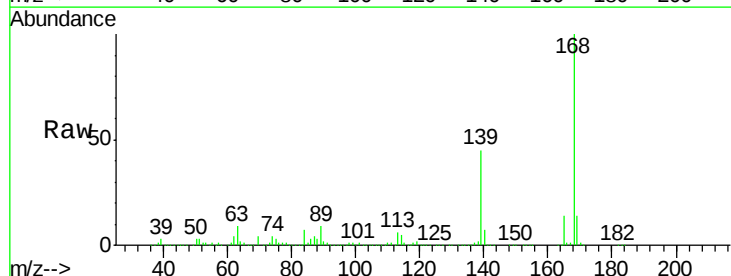
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

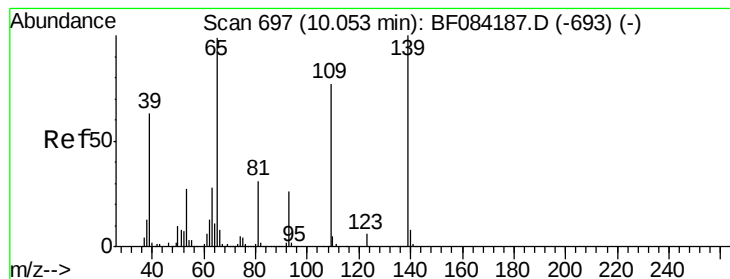
Tgt Ion:184 Resp: 352211
Ion Ratio Lower Upper
184 100
63 84.7 43.1 64.7#
154 73.4 60.5 90.7



#54
Dibenzofuran
Concen: 45.98 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion:168 Resp: 1670746
Ion Ratio Lower Upper
168 100
139 44.9 30.5 45.7
169 14.3 10.4 15.6





#55

4-Nitrophenol

Concen: 92.05 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

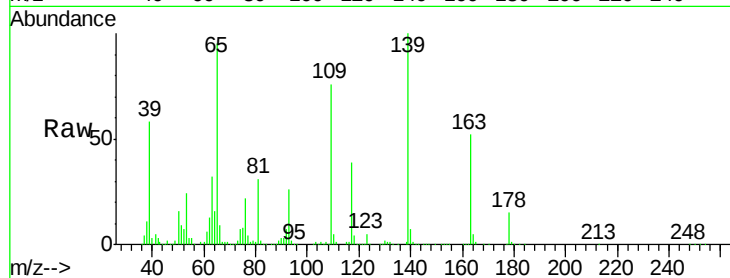
Tgt Ion:139 Resp: 589511

Ion Ratio Lower Upper

139 100

109 75.9 58.5 98.5

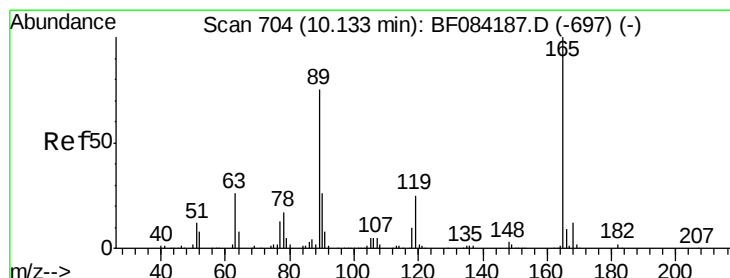
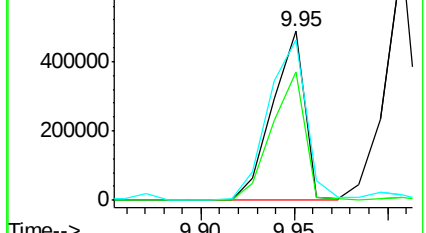
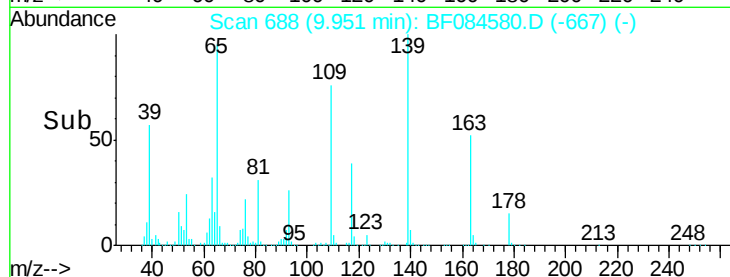
65 94.8 57.6 97.6



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



#56

2,4-Dinitrotoluene

Concen: 47.29 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Tgt Ion:165 Resp: 426201

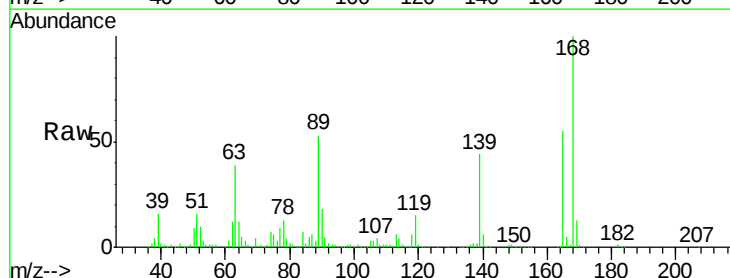
Ion Ratio Lower Upper

165 100

63 71.4 36.7 55.1#

89 97.2 61.9 92.9#

182 2.1 2.0 3.0

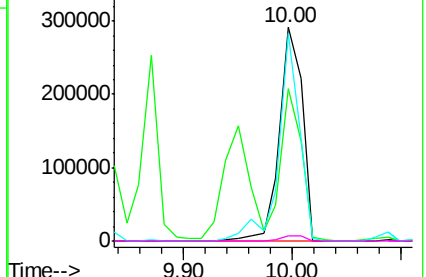
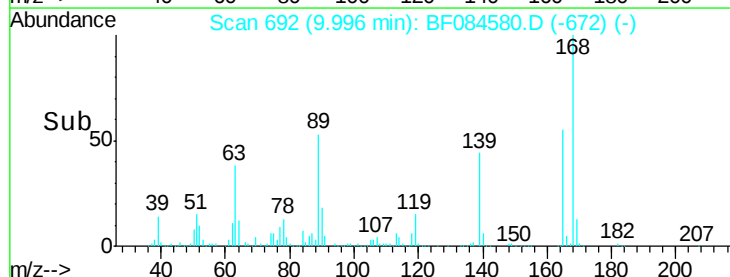


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.01 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

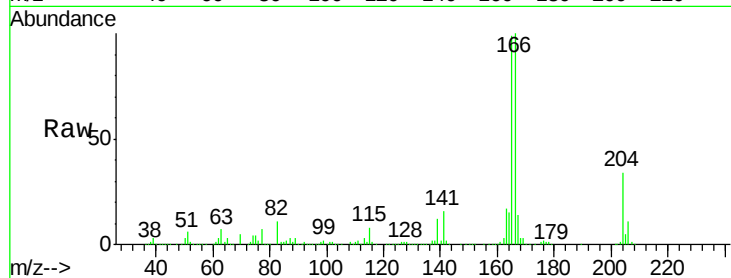
Tgt Ion:166 Resp: 1346454

Ion Ratio Lower Upper

166 100

165 99.4 79.1 118.7

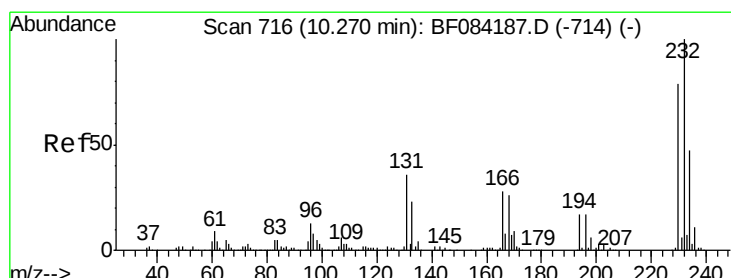
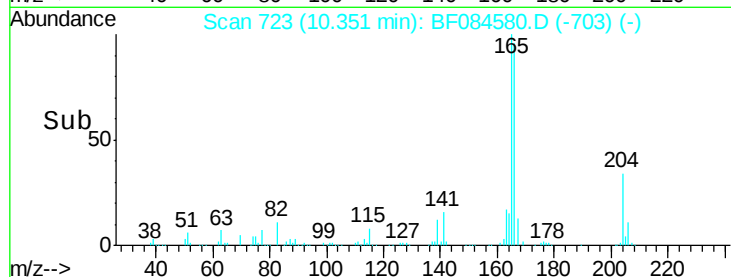
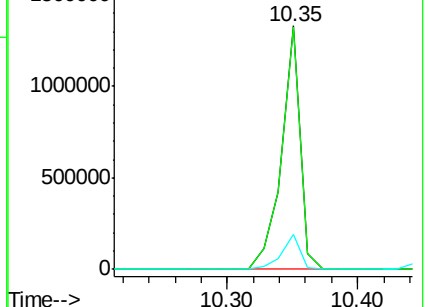
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.12 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Tgt Ion:232 Resp: 384635

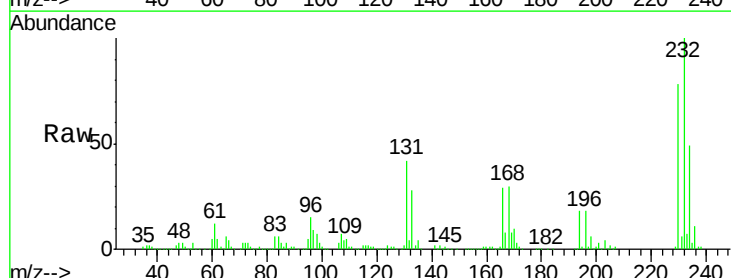
Ion Ratio Lower Upper

232 100

131 48.7 47.0 70.6

130 2.3 2.0 3.0

166 31.1 30.5 45.7

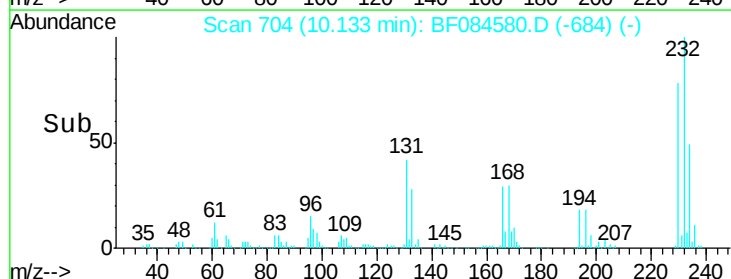
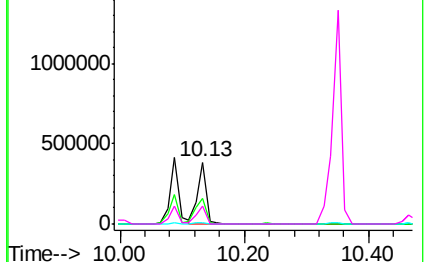


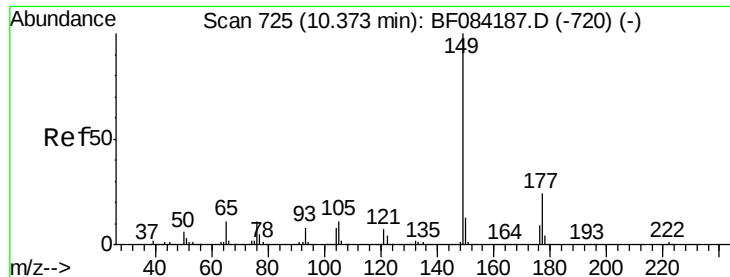
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

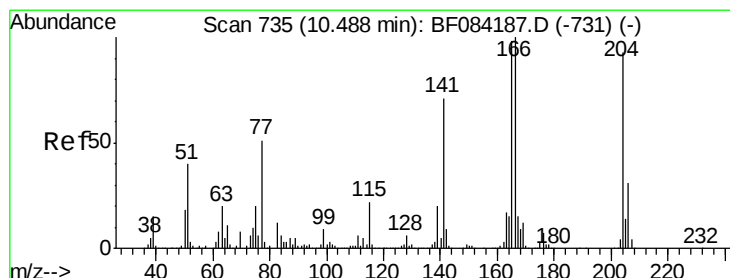
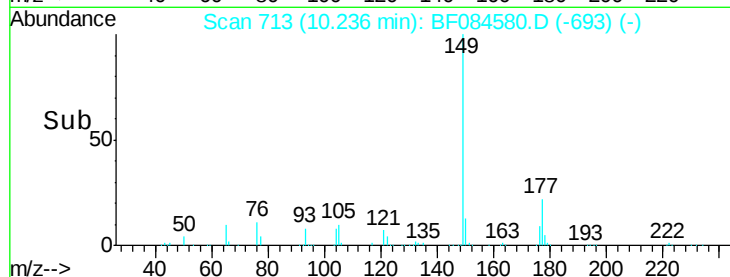
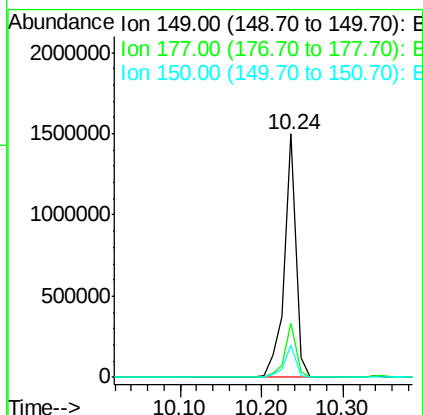
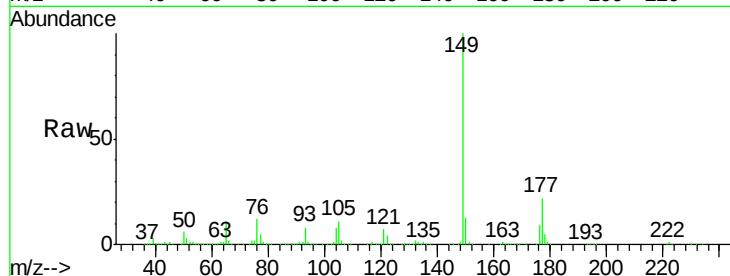




#59
Diethylphthalate
Concen: 45.98 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

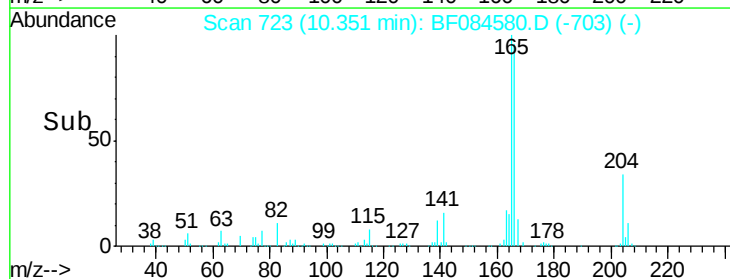
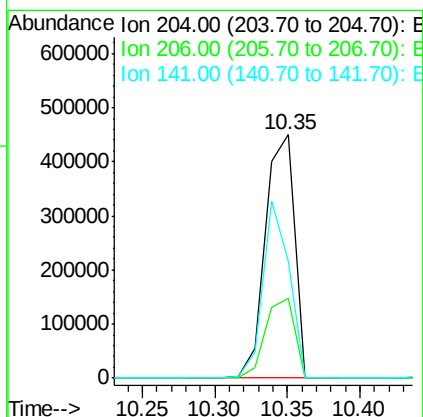
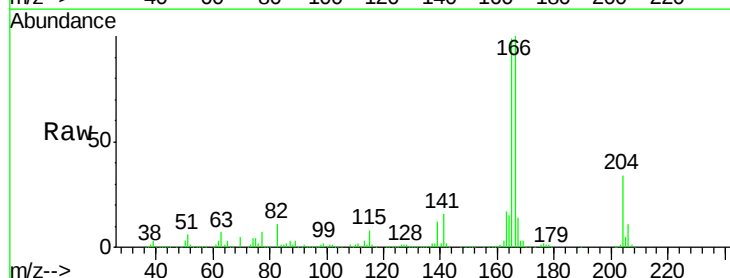
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

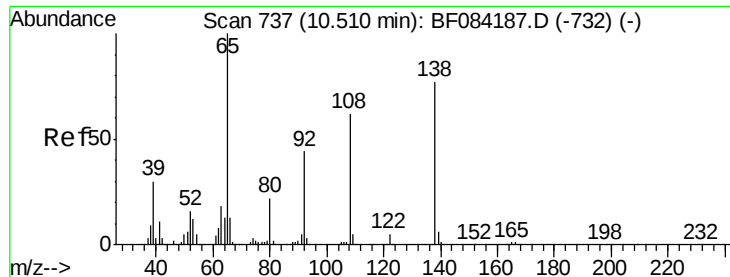
Tgt Ion:149 Resp: 1471732
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 13.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 54.18 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion:204 Resp: 624091
Ion Ratio Lower Upper
204 100
206 32.7 25.7 38.5
141 48.1 55.1 82.7#

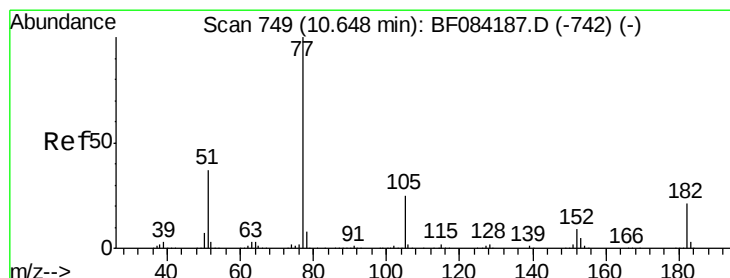
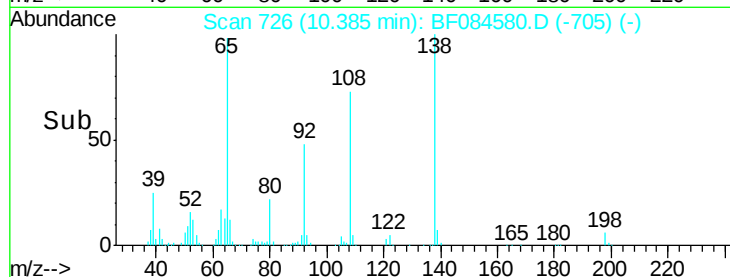
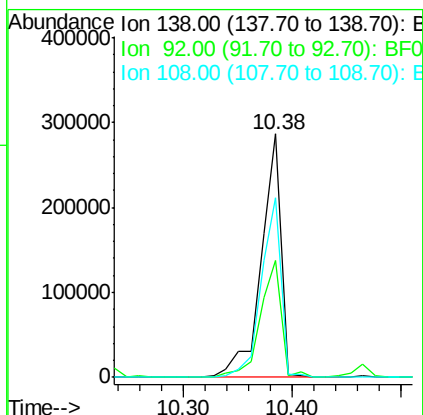
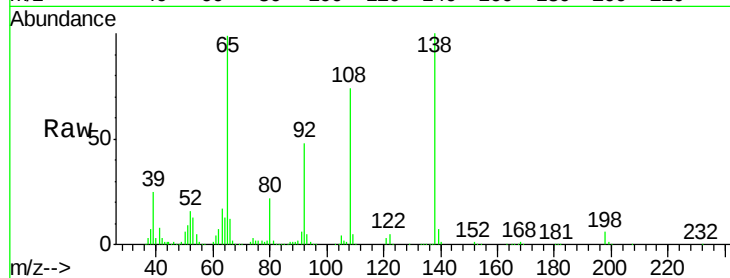




#61
4-Nitroaniline
Concen: 46.71 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.06 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

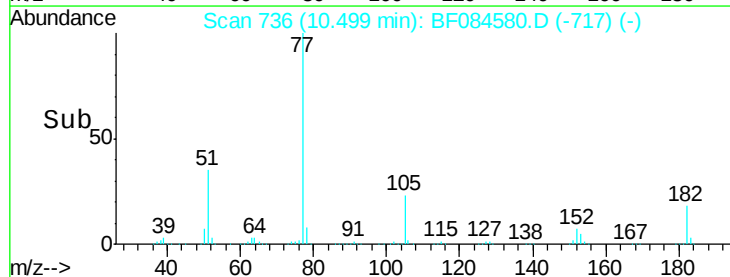
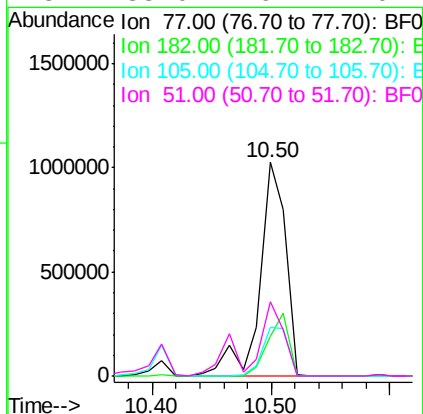
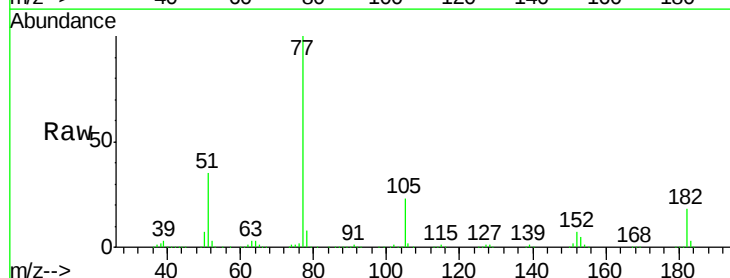
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

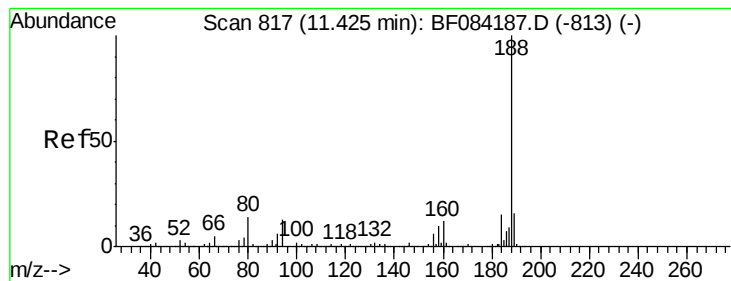
Tgt Ion:138 Resp: 367379
Ion Ratio Lower Upper
138 100
92 48.0 32.6 72.6
108 73.6 68.6 108.6



#62
Azobenzene
Concen: 44.65 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.08 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion: 77 Resp: 1567539
Ion Ratio Lower Upper
77 100
182 18.3 8.3 48.3
105 22.6 4.6 44.6
51 35.0 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

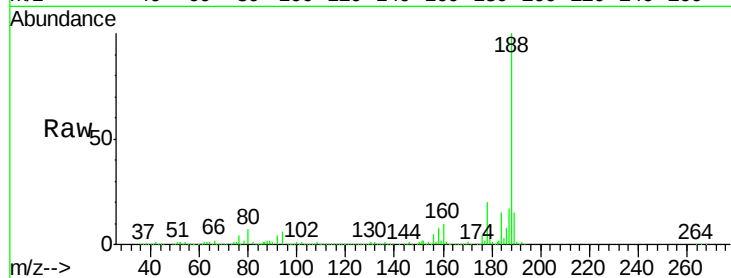
Tgt Ion:188 Resp: 812051

Ion Ratio Lower Upper

188 100

94 6.2 9.0 13.4#

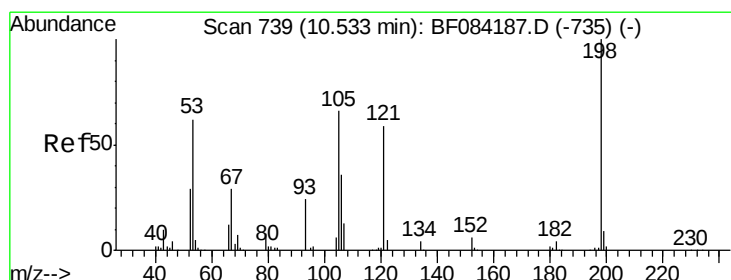
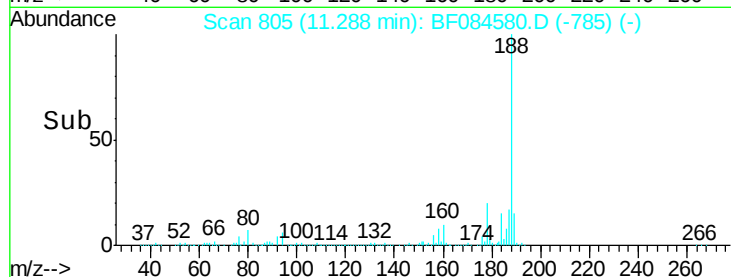
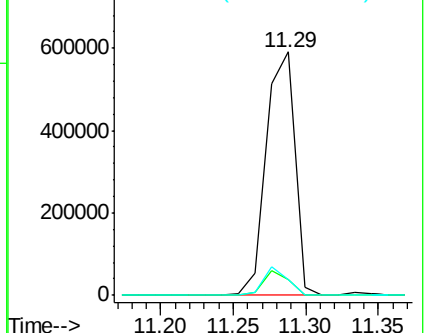
80 6.7 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.94 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

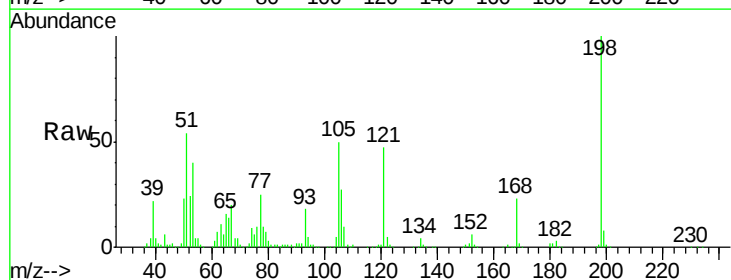
Tgt Ion:198 Resp: 257486

Ion Ratio Lower Upper

198 100

51 53.7 18.9 58.9

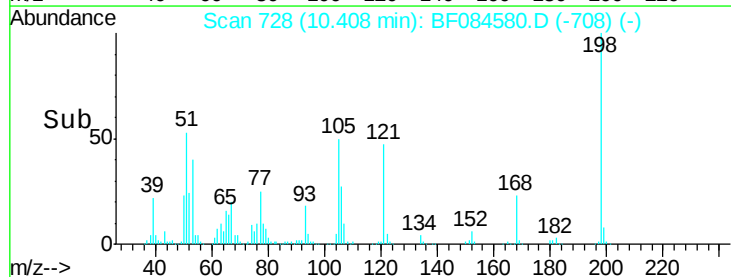
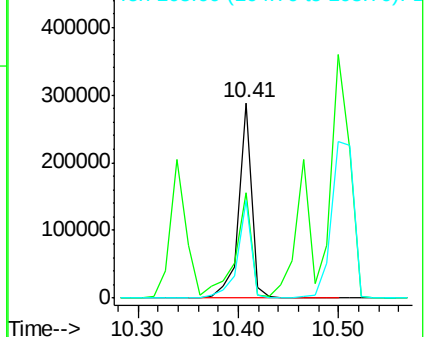
105 50.2 26.4 66.4

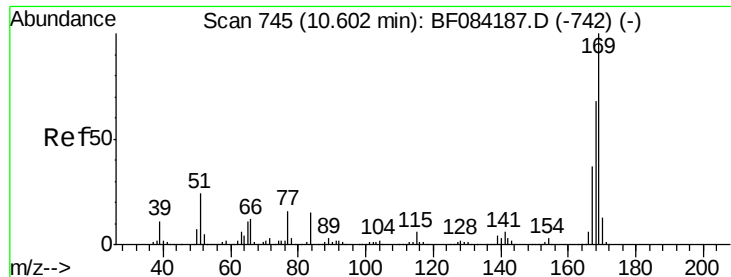


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.91 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

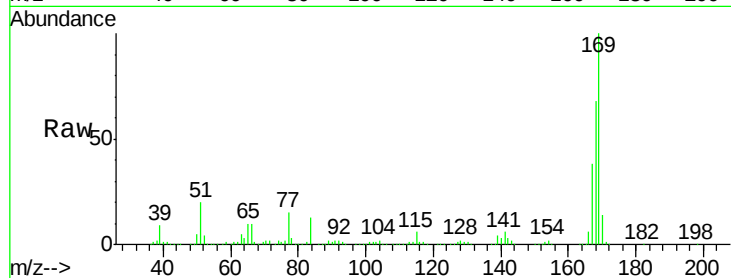
Tgt Ion:169 Resp: 1139936

Ion Ratio Lower Upper

169 100

168 68.4 55.1 82.7

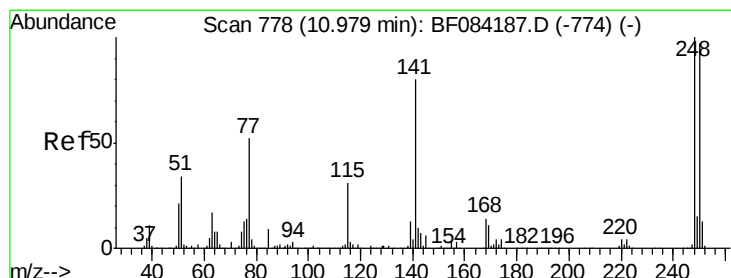
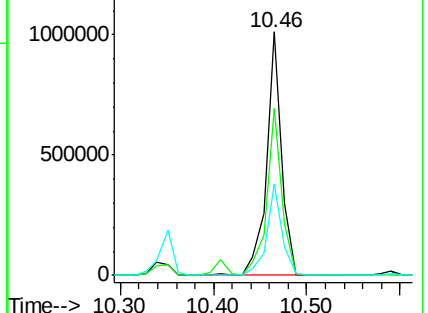
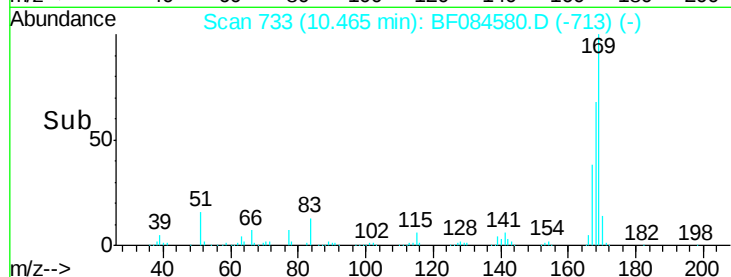
167 37.7 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.58 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

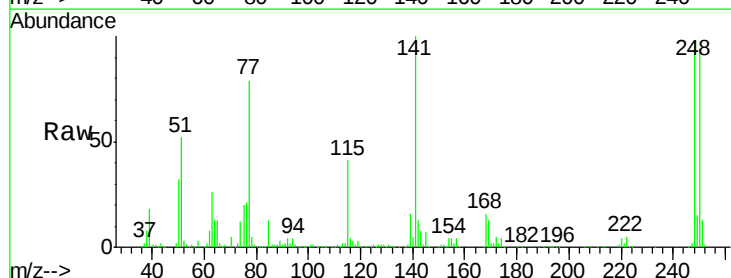
Tgt Ion:248 Resp: 389616

Ion Ratio Lower Upper

248 100

250 95.3 78.4 117.6

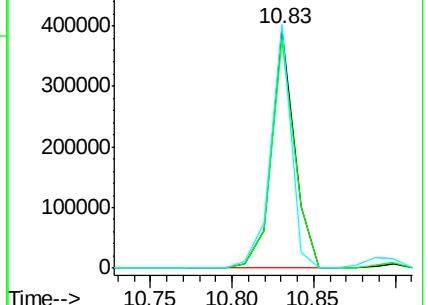
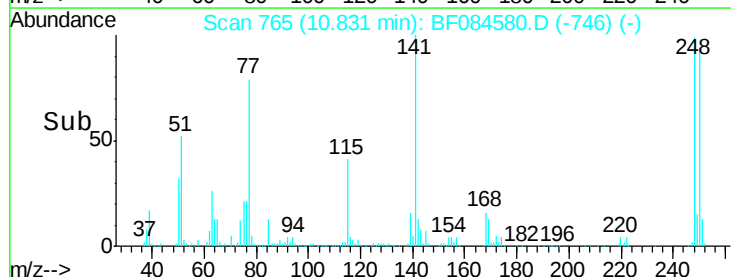
141 101.6 44.0 66.0#

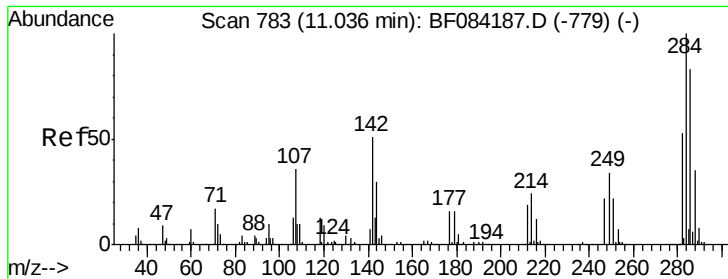


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

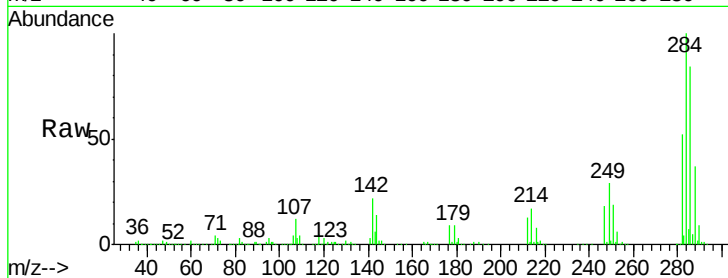




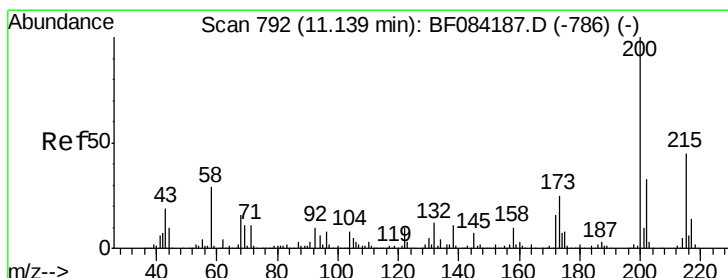
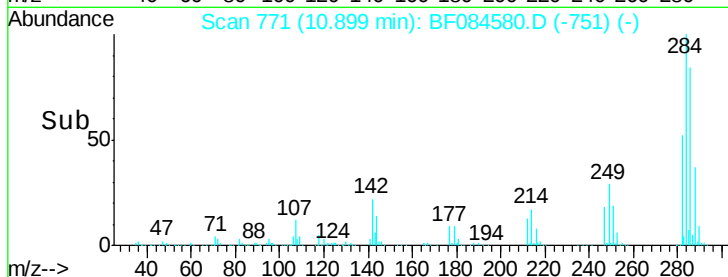
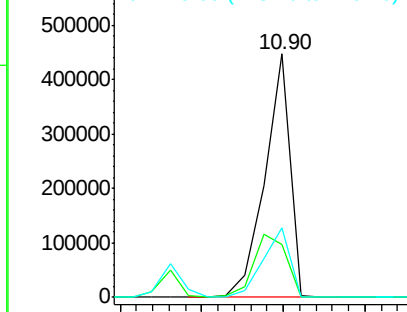
#67
Hexachlorobenzene
Concen: 48.80 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion:284 Resp: 480031
Ion Ratio Lower Upper
284 100
142 21.6 22.2 33.4#
249 28.8 24.6 37.0

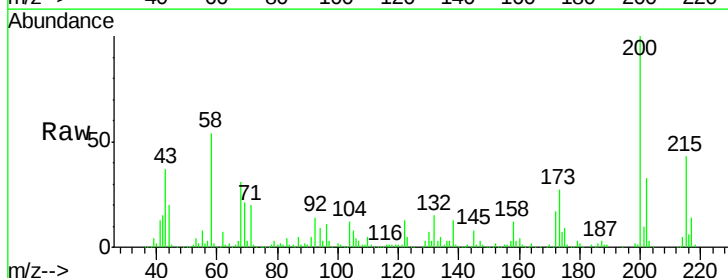


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

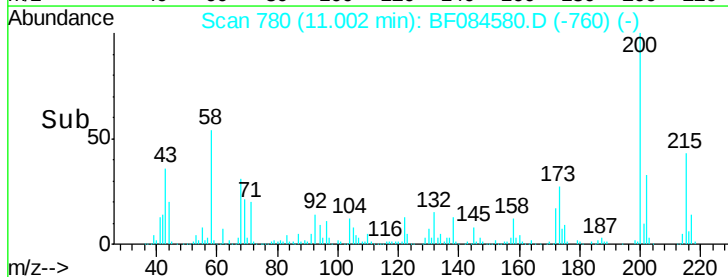
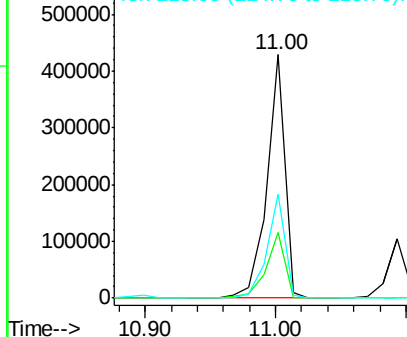


#68
Atrazine
Concen: 48.54 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion:200 Resp: 412385
Ion Ratio Lower Upper
200 100
173 26.8 9.5 49.5
215 42.9 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 91.09 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

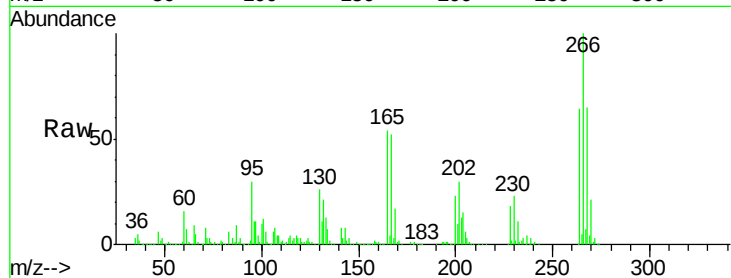
Tgt Ion:266 Resp: 464630

Ion Ratio Lower Upper

266 100

268 64.6 52.4 78.6

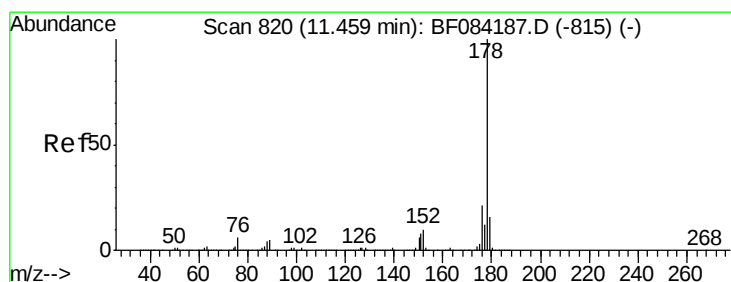
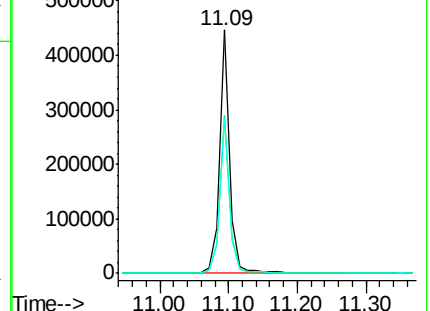
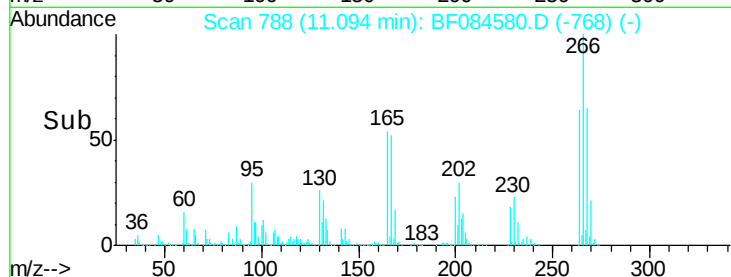
264 64.0 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 50.57 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

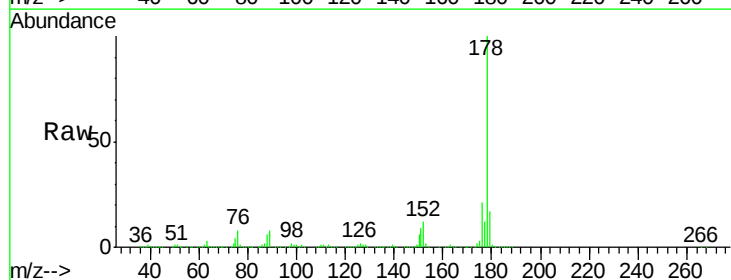
Tgt Ion:178 Resp: 2148042

Ion Ratio Lower Upper

178 100

176 21.4 15.3 22.9

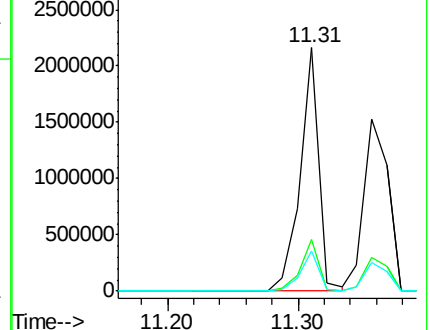
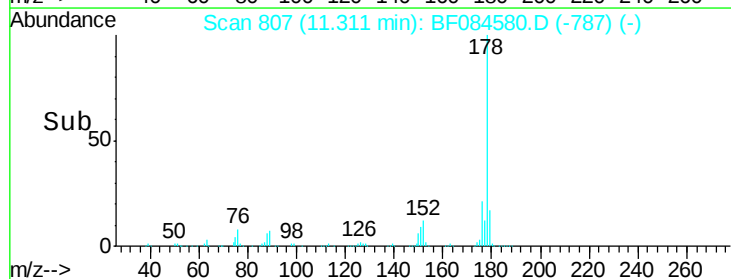
179 16.6 12.0 18.0

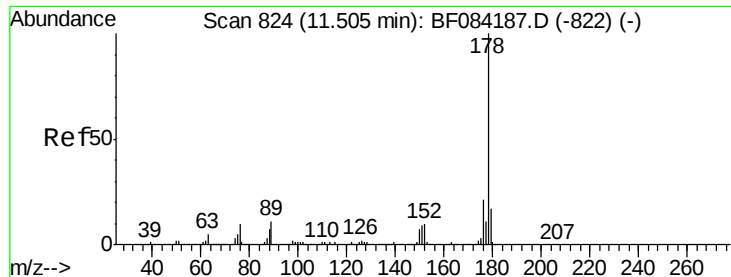


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

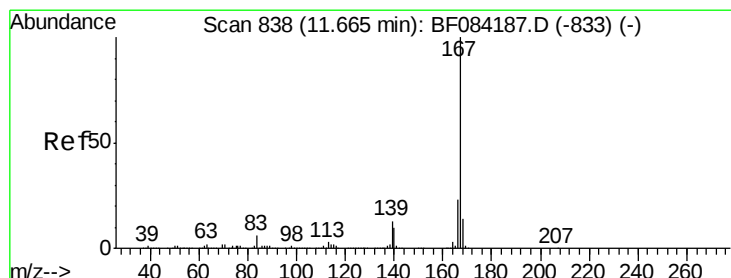
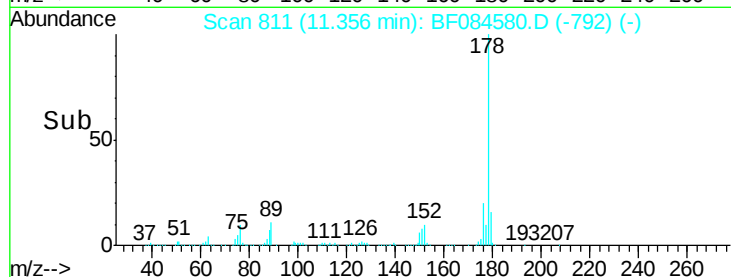
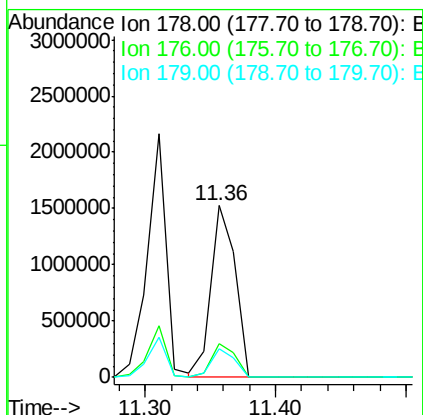
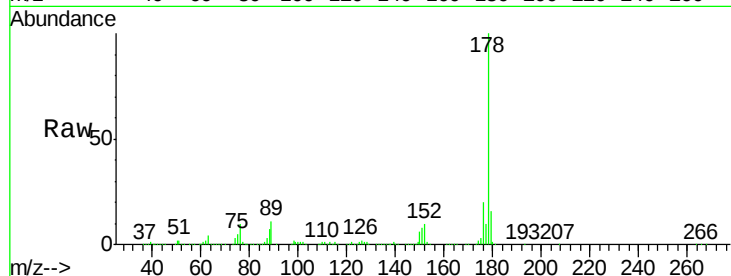




#71
 Anthracene
 Concen: 47.73 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

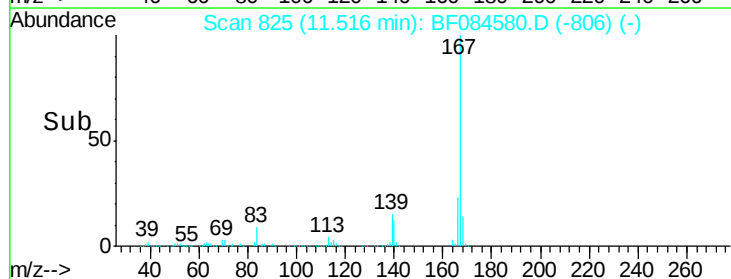
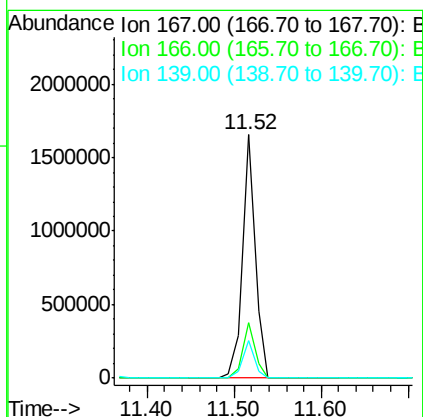
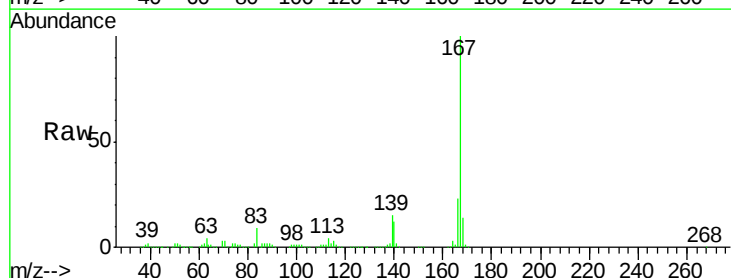
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

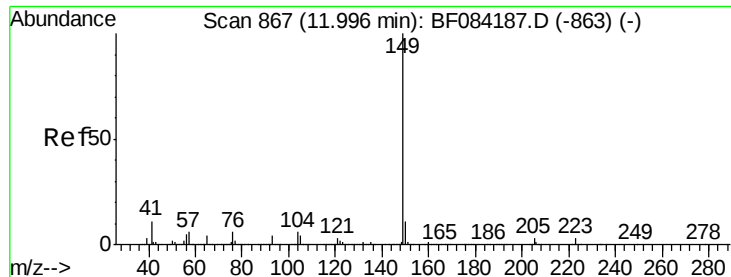
Tgt Ion:178 Resp: 1987479
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 41.23 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion:167 Resp: 1678389
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 15.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 59.93 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

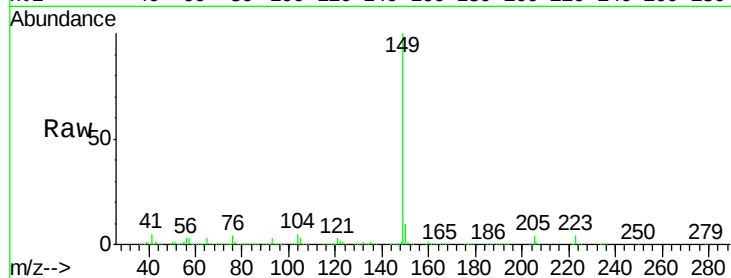
Tgt Ion:149 Resp: 2390421

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

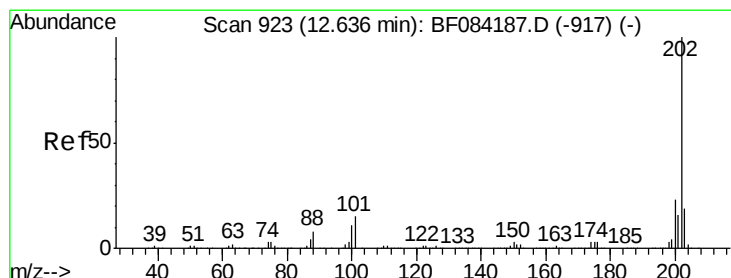
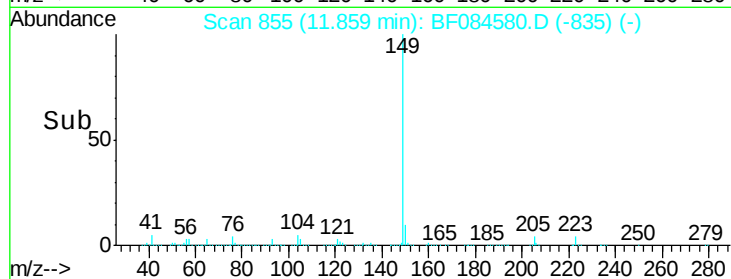
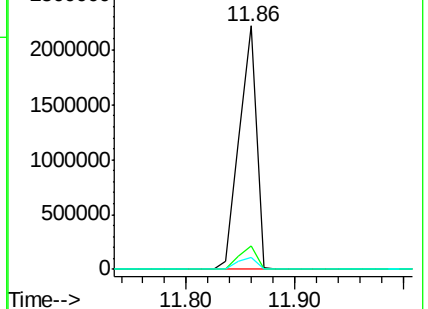
104 4.7 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.06 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

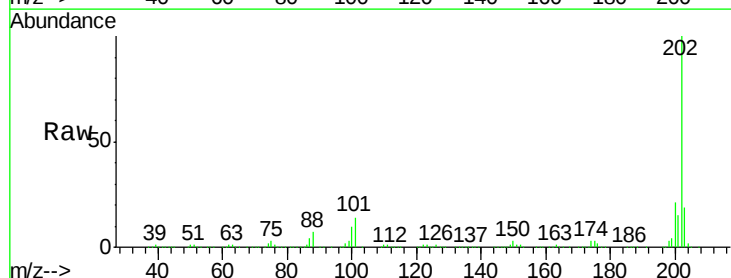
Tgt Ion:202 Resp: 2132503

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

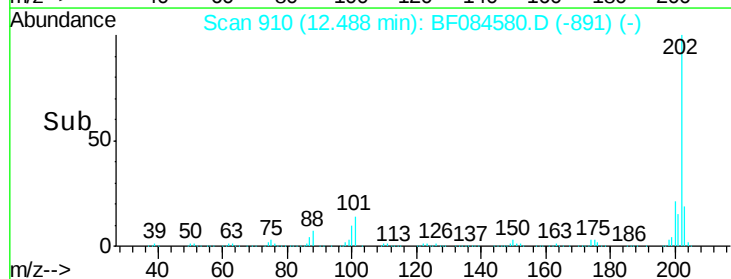
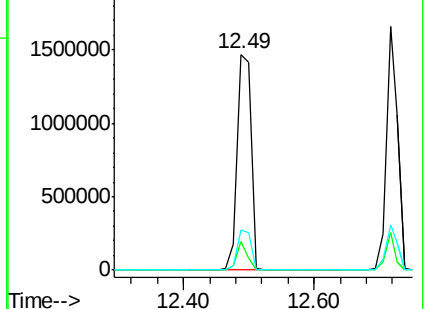
203 18.5 0.0 37.9

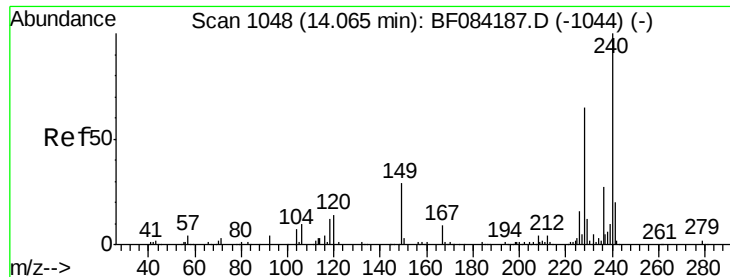


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

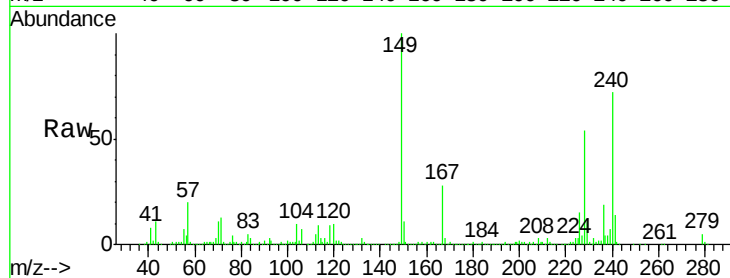
Tgt Ion:240 Resp: 569135

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

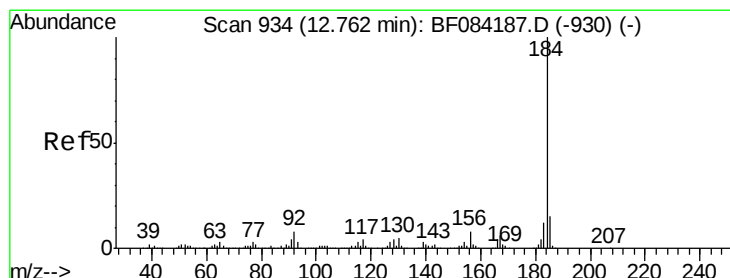
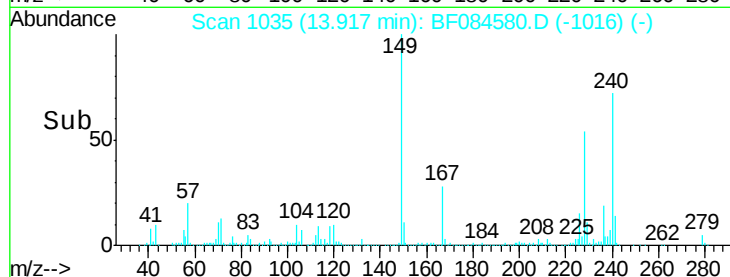
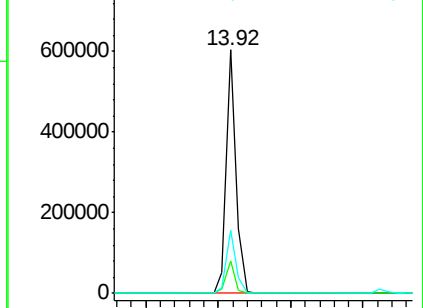
236 25.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.74 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.08 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

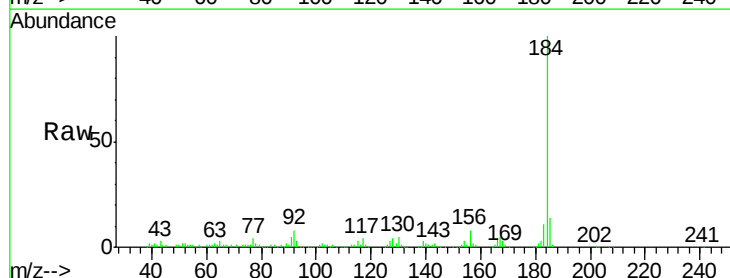
Tgt Ion:184 Resp: 239579

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

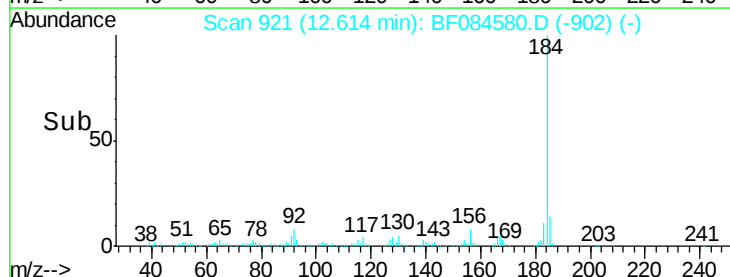
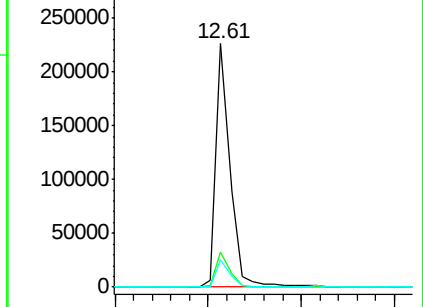
183 11.3 9.8 14.8

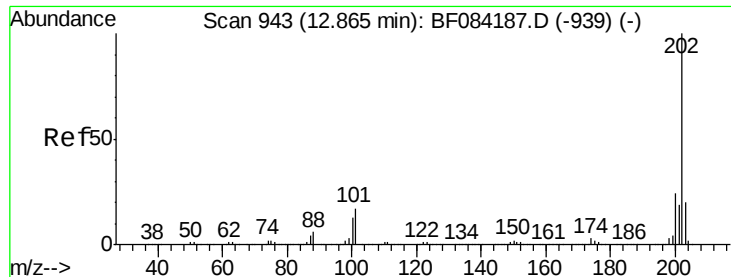


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

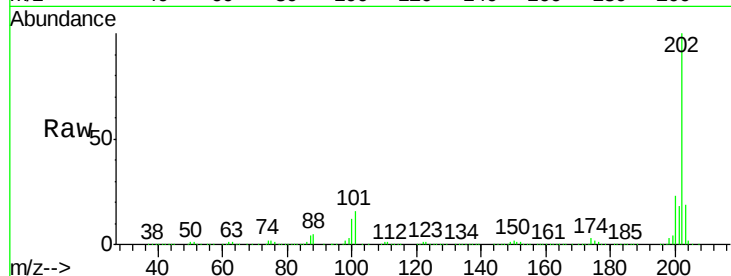




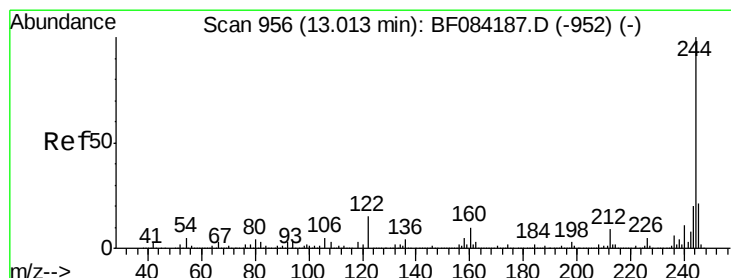
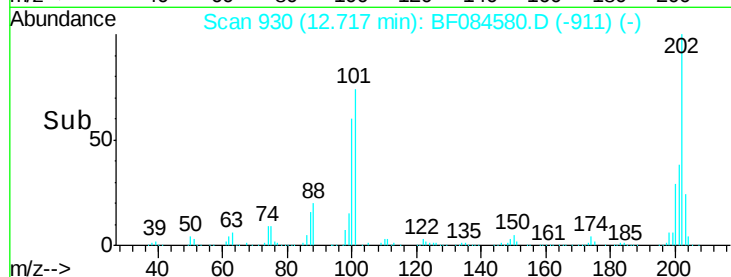
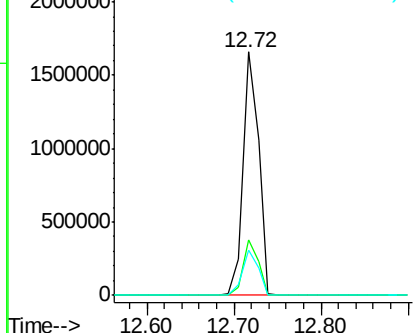
#77
 Pyrene
 Concen: 46.00 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion: 202 Resp: 2054620
 Ion Ratio Lower Upper
 202 100
 200 22.7 17.2 25.8
 203 18.8 14.3 21.5

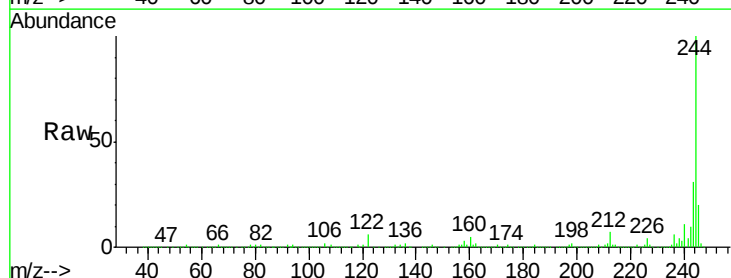


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

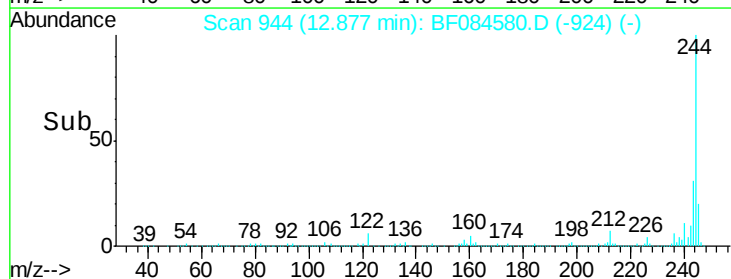
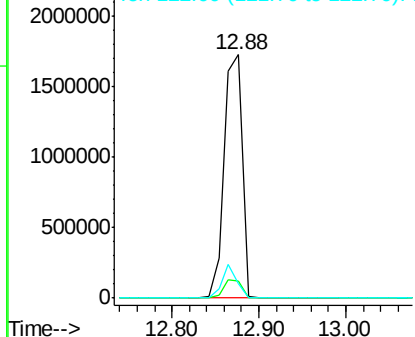


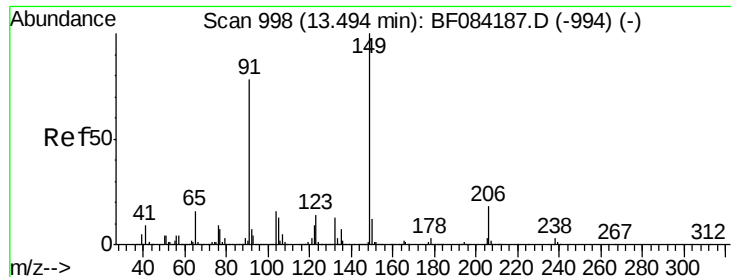
#78
 Terphenyl-d14
 Concen: 98.55 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion: 244 Resp: 2512609
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.8 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

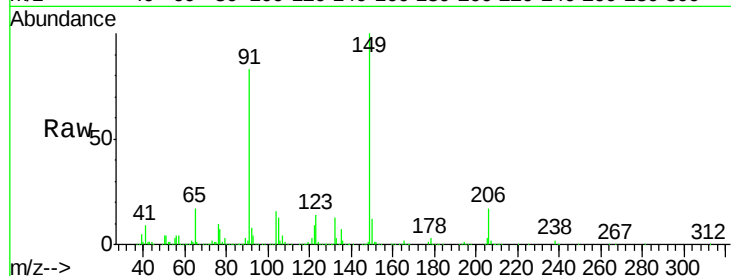




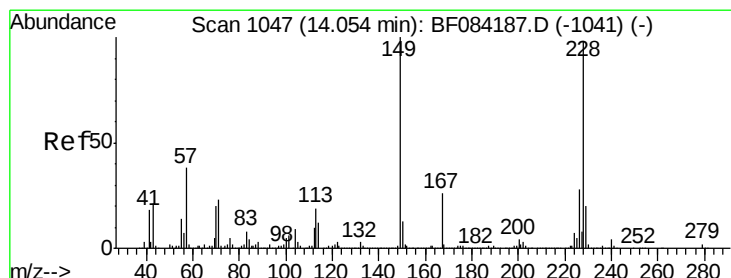
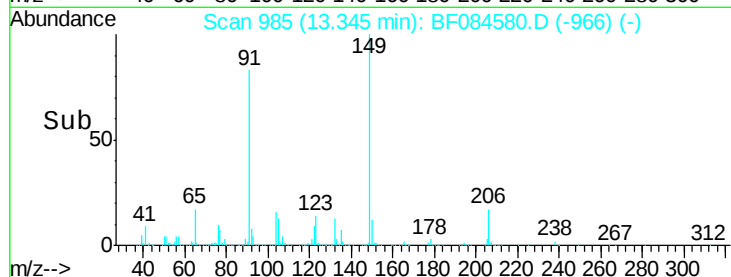
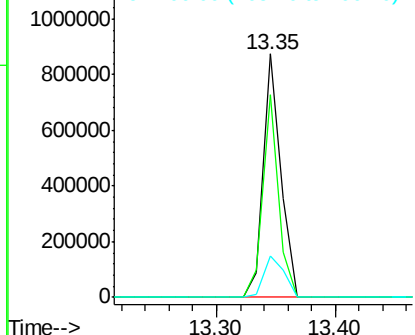
#79
Butylbenzylphthalate
Concen: 47.15 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.08 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion:149 Resp: 911229
Ion Ratio Lower Upper
149 100
91 83.5 57.6 86.4
206 16.8 13.2 19.8

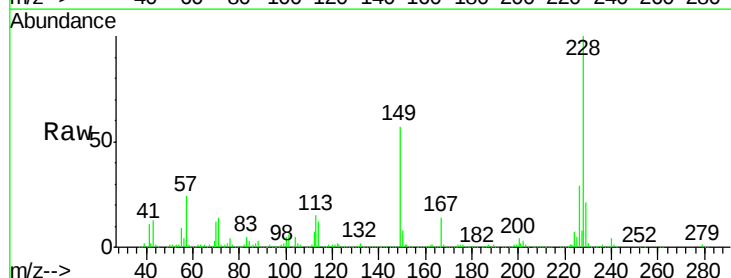


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

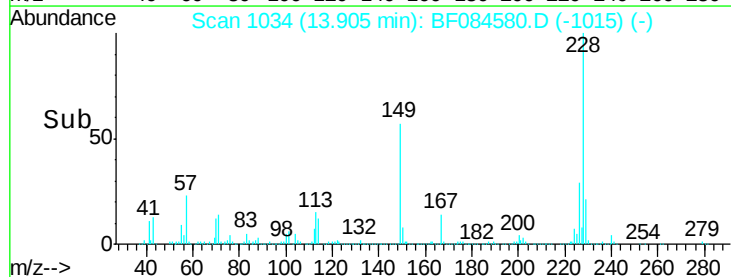
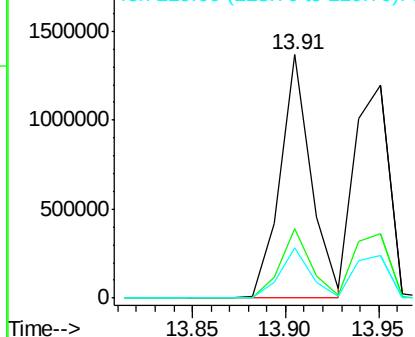


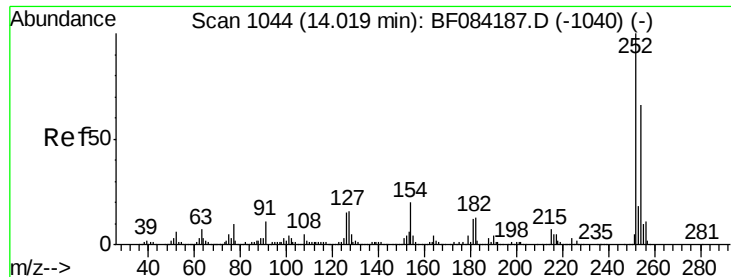
#80
Benzo(a)anthracene
Concen: 47.46 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.08 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion:228 Resp: 1586043
Ion Ratio Lower Upper
228 100
226 28.8 21.8 32.6
229 20.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

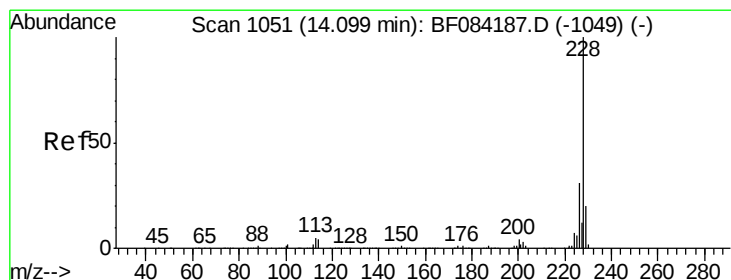
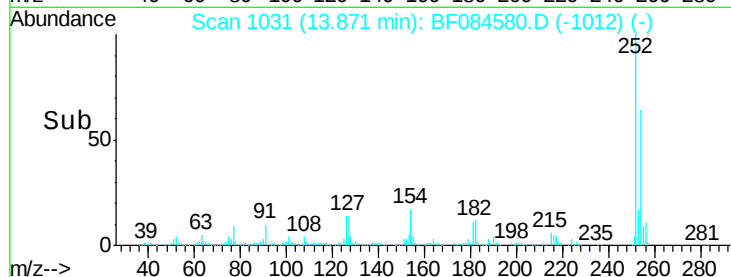
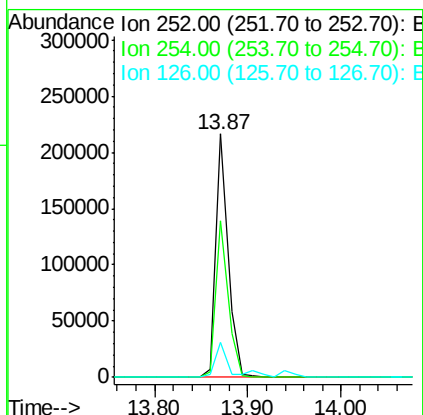
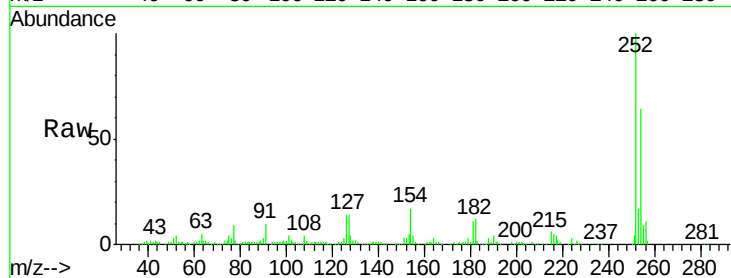




#81
 3,3'-Dichlorobenzidine
 Concen: 17.00 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

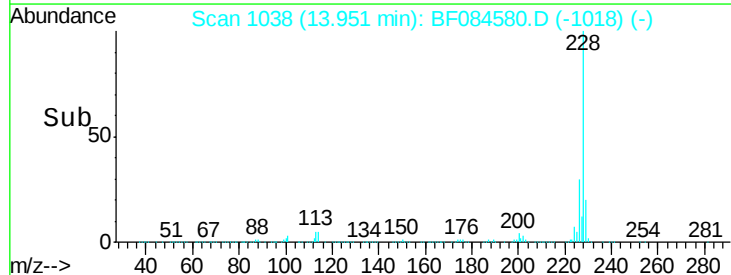
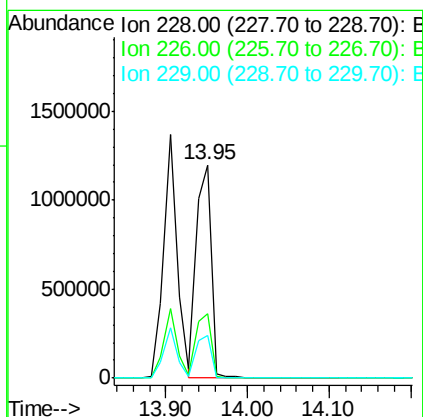
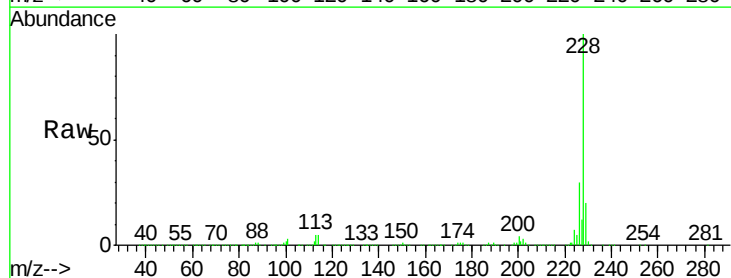
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

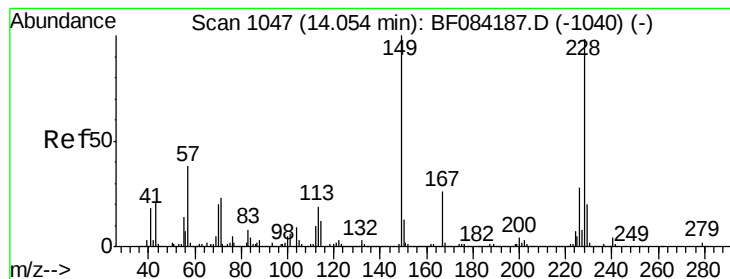
Tgt Ion:252 Resp: 198226
 Ion Ratio Lower Upper
 252 100
 254 64.2 53.5 80.3
 126 14.3 4.9 7.3#



#82
 Chrysene
 Concen: 48.34 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion:228 Resp: 1552254
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.0 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.15 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

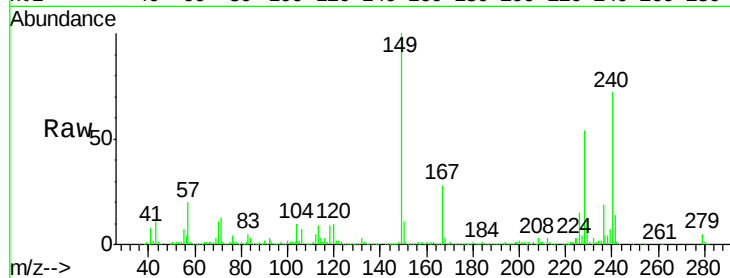
Tgt Ion:149 Resp: 1151297

Ion Ratio Lower Upper

149 100

167 28.2 19.7 29.5

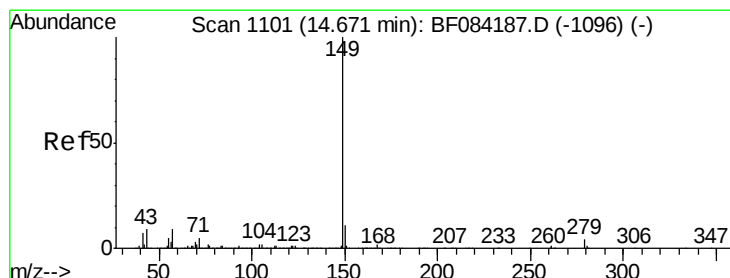
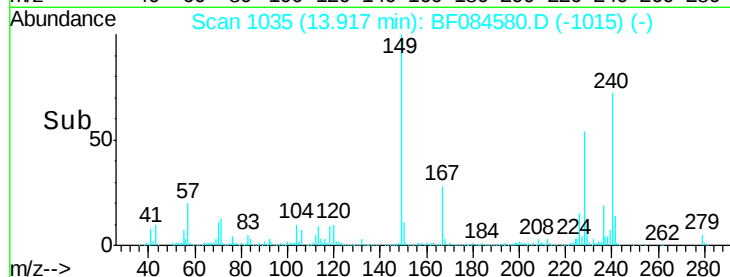
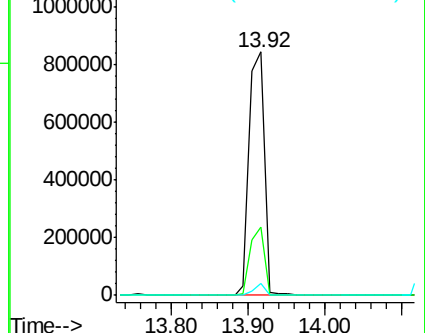
279 4.7 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.93 ng

RT: 14.52 min Scan# 1088

Delta R.T. -0.07 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

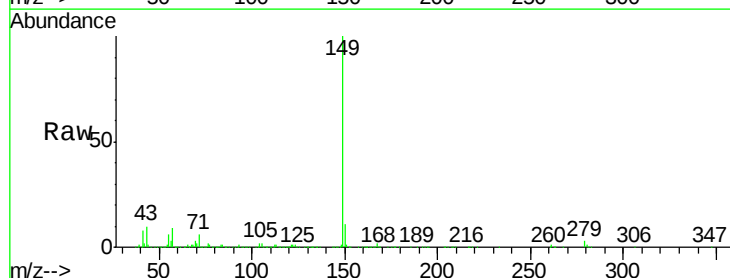
Tgt Ion:149 Resp: 1893248

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

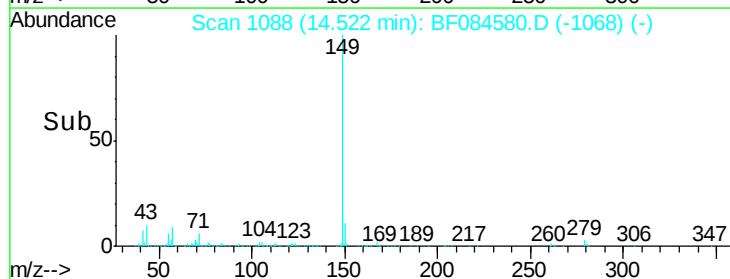
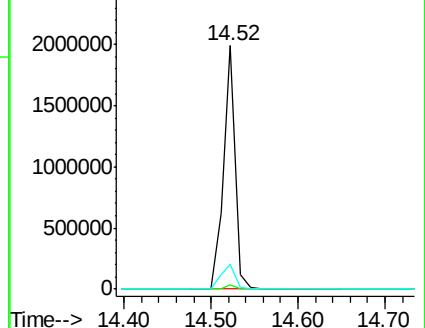
43 12.1 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

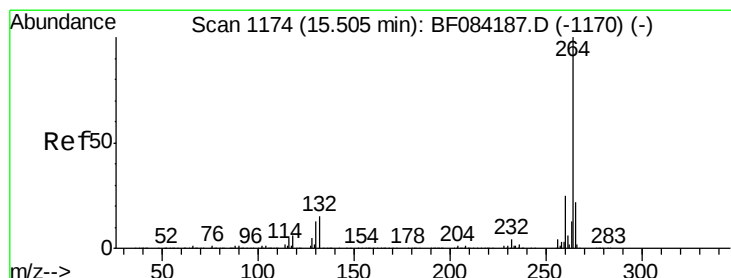
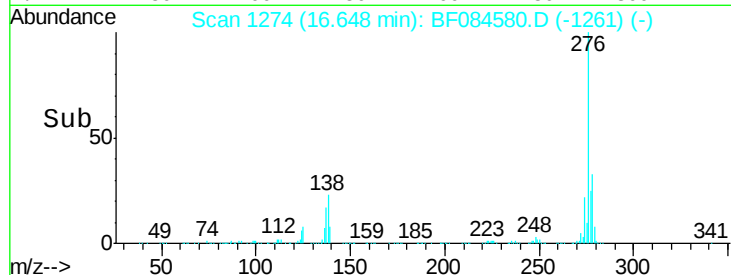
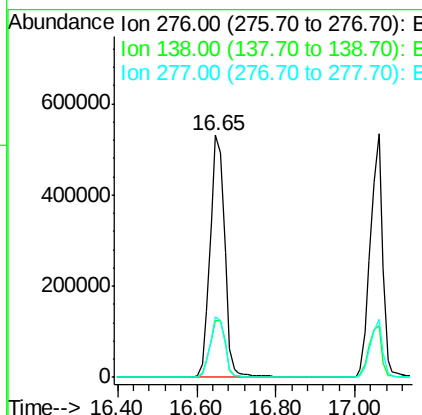
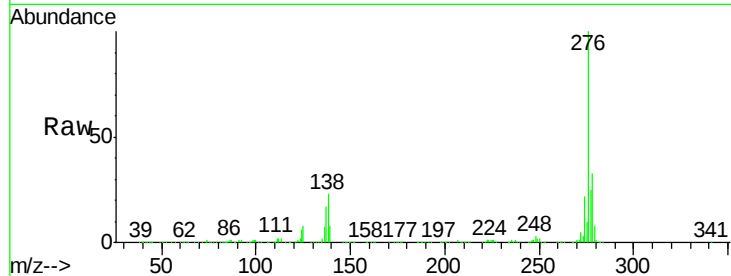




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.48 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.15 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

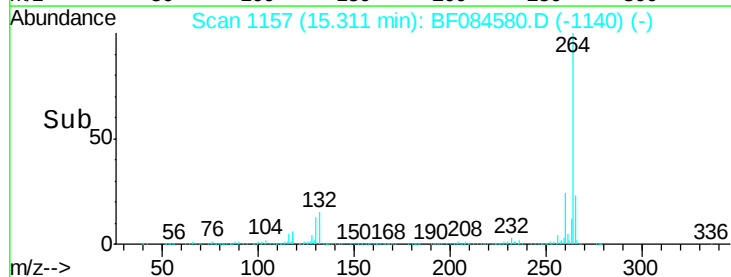
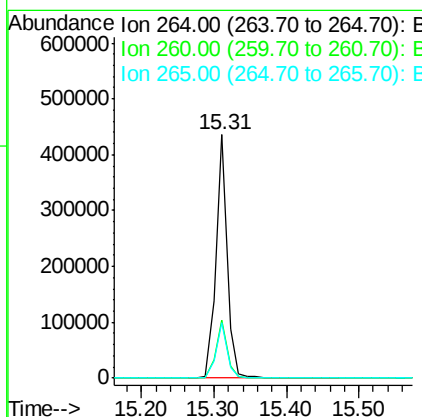
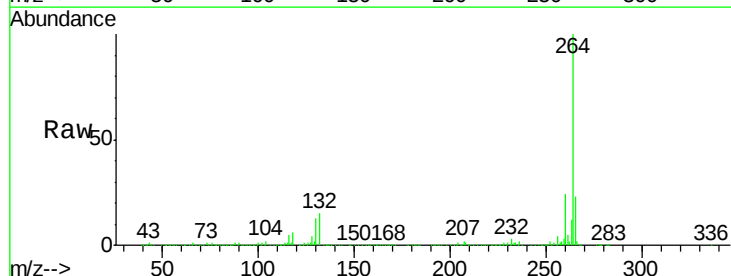
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

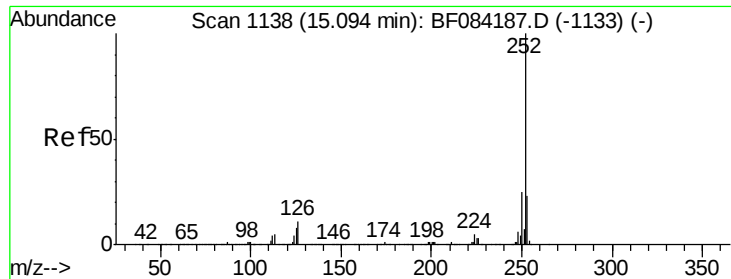
Tgt Ion:276 Resp: 1335766
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.6 30.8
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.10 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Tgt Ion:264 Resp: 470973
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.6 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 86.17 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.09 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

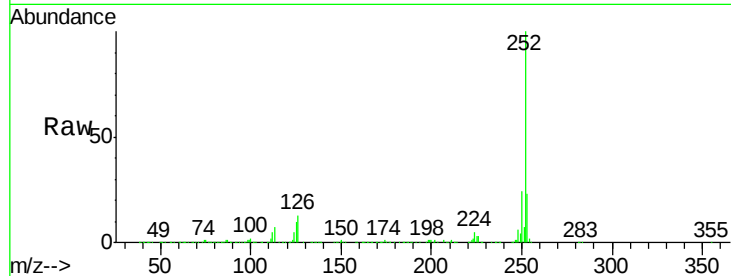
Tgt Ion:252 Resp: 2654879

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

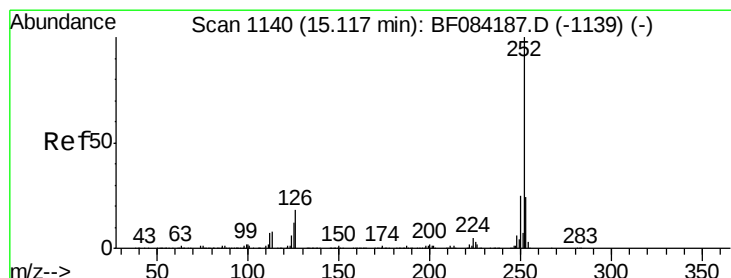
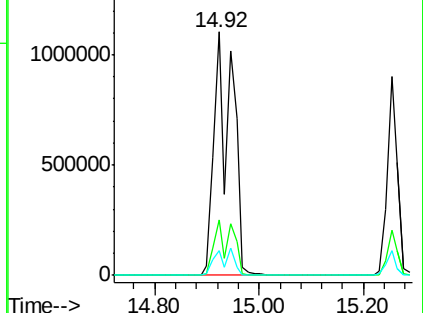
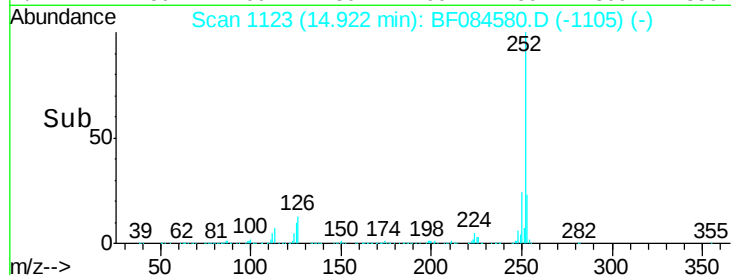
125 10.0 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 105.41 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.11 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

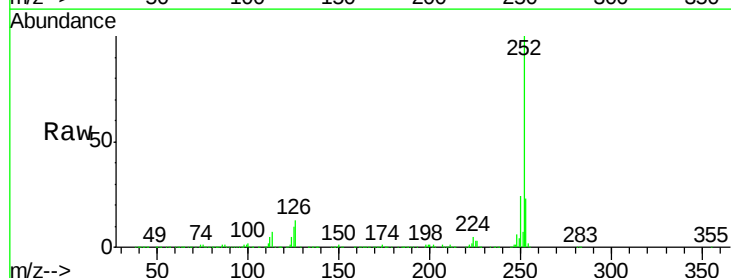
Tgt Ion:252 Resp: 2655982

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

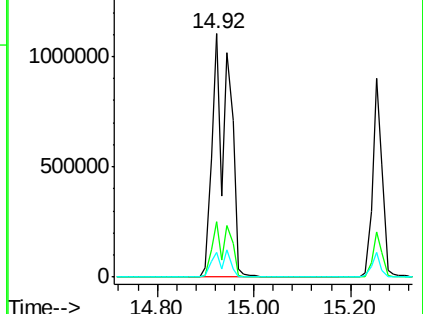
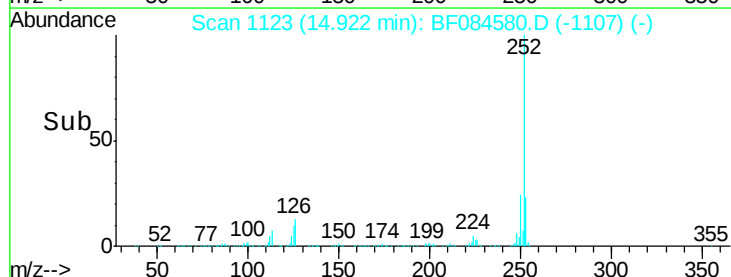
125 10.0 9.0 13.6

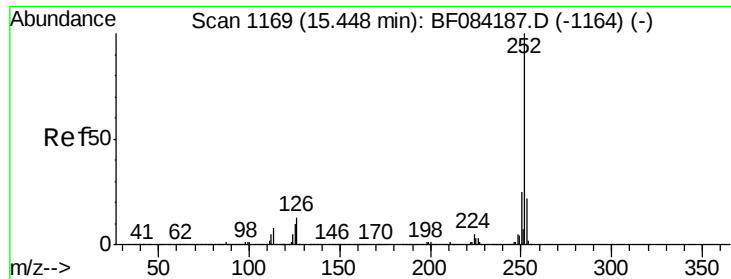


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.16 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.10 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

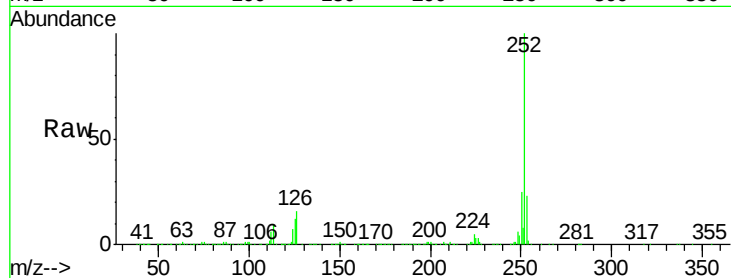
Tgt Ion:252 Resp: 1232302

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

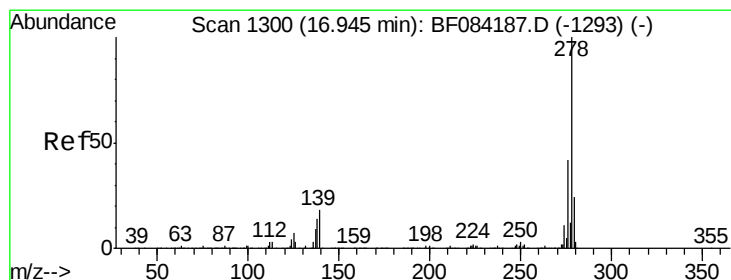
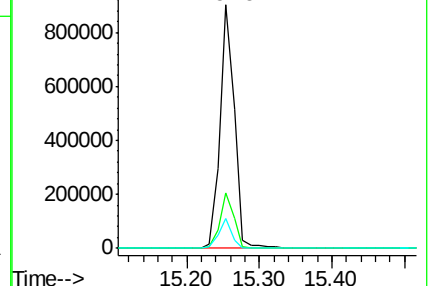
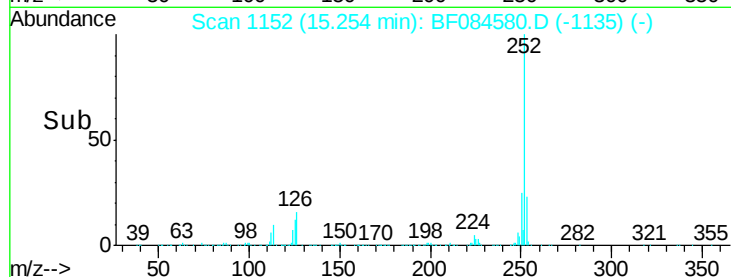
125 12.3 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.52 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.14 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

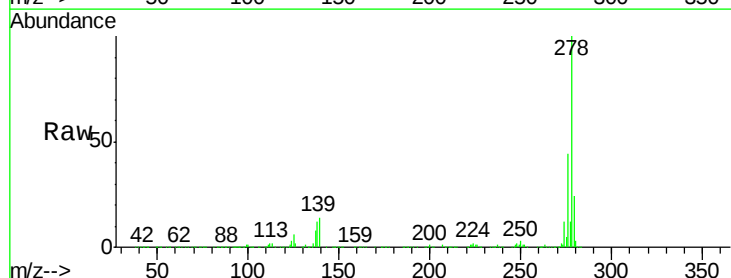
Tgt Ion:278 Resp: 1091071

Ion Ratio Lower Upper

278 100

139 13.6 15.0 22.4#

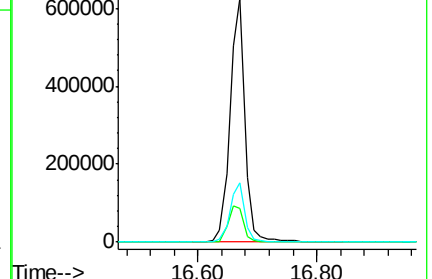
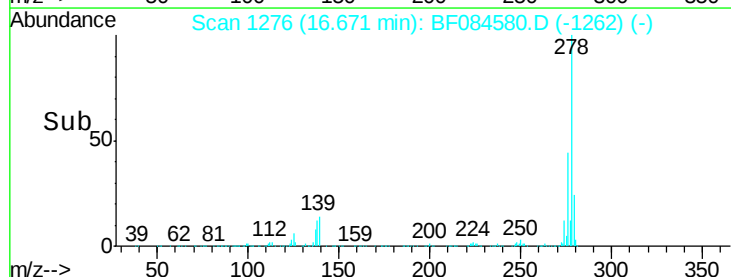
279 24.4 18.9 28.3

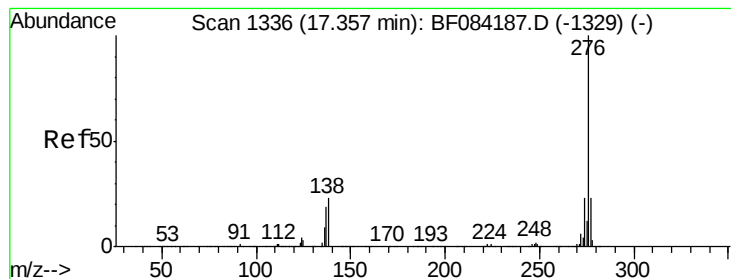


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.82 ng

RT: 17.06 min Scan# 1310

Delta R.T. -0.16 min

Lab File: BF084580.D

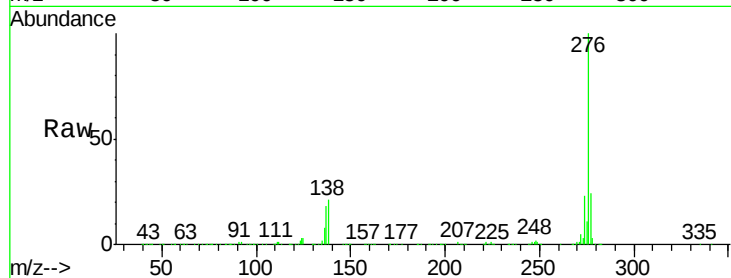
Acq: 21 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD



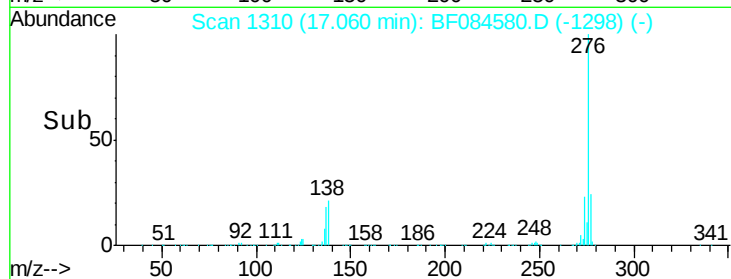
Tgt Ion:276 Resp: 1136751

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 21.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

