

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 00:52:07 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	456050m	24.73	ng	
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	183121m	41.59	ng	
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	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	404642	43.22	nq	# 86
45) 1,1'-Biphenyl	9.23	154	1759791	48.76	nq	97
46) 2-Chloronaphthalene	9.25	162	1311308	46.26	nq	# 89
47) 2-Nitroaniline	9.36	65	448506	47.93	nq	# 65
48) Acenaphthylene	9.66	152	1938292	46.28	nq	96
49) Dimethylphthalate	9.54	163	1511069	46.55	nq	# 90
50) 2,6-Dinitrotoluene	9.60	165	350753	49.26	nq	# 66
51) Acenaphthene	9.84	154	1354109	48.20	nq	97
52) 3-Nitroaniline	9.76	138	90999	10.31	nq	99
53) 2,4-Dinitrophenol	9.87	184	352211	114.52	nq	# 81
54) Dibenzofuran	10.01	168	1670746	45.98	nq	91
55) 4-Nitrophenol	9.95	139	589511	92.05	nq	89
56) 2,4-Dinitrotoluene	10.00	165	426201	47.29	nq	# 72
57) Fluorene	10.35	166	1346454	48.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	384635	48.12	nq	88
59) Diethylphthalate	10.24	149	1471732	45.98	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	624091	54.18	nq	# 82
61) 4-Nitroaniline	10.38	138	367379	46.71	nq	88
62) Azobenzene	10.50	77	1567539	44.65	nq	86
64) 4,6-Dinitro-2-methylphenol	10.41	198	257486	52.94	nq	86
65) n-Nitrosodiphenylamine	10.46	169	1139936	43.91	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	389616	44.58	nq	# 75
67) Hexachlorobenzene	10.90	284	480031	48.80	nq	# 93
68) Atrazine	11.00	200	412385	48.54	nq	97
69) Pentachlorophenol	11.09	266	464630	91.09	nq	99
70) Phenanthrene	11.31	178	2148042	50.57	nq	95
71) Anthracene	11.36	178	1987479	47.73	nq	98
72) Carbazole	11.52	167	1678389	41.23	nq	98
73) Di-n-butylphthalate	11.86	149	2390421	59.93	nq	98
74) Fluoranthene	12.49	202	2132503	48.06	nq	98
76) Benzidine	12.61	184	239579	11.74	nq	98
77) Pyrene	12.72	202	2054620	46.00	nq	98
79) Butylbenzylphthalate	13.35	149	911229	47.15	nq	89
80) Benzo(a)anthracene	13.91	228	1586043	47.46	nq	97
81) 3,3'-Dichlorobenzidine	13.87	252	198226	17.00	nq	# 95
82) Chrysene	13.95	228	1552254	48.34	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1151297	47.15	nq	# 93
84) Di-n-octyl phthalate	14.52	149	1893248	45.93	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	1335766	52.48	nq	99
87) Benzo(b)fluoranthene	14.92	252	1404487m	45.59	nq	
88) Benzo(k)fluoranthene	14.95	252	1241459m	49.27	nq	
89) Benzo(a)pyrene	15.25	252	1232302	47.16	nq	# 96
90) Dibenzo(a,h)anthracene	16.67	278	1091071	48.52	nq	# 94
91) Benzo(g,h,i)perylene	17.06	276	1136751	48.82	nq	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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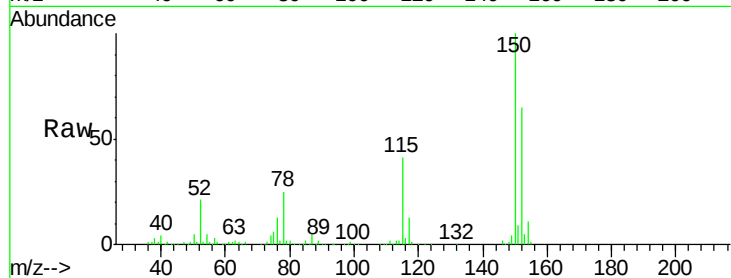
Tot Ion:152 Resp: 225844

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

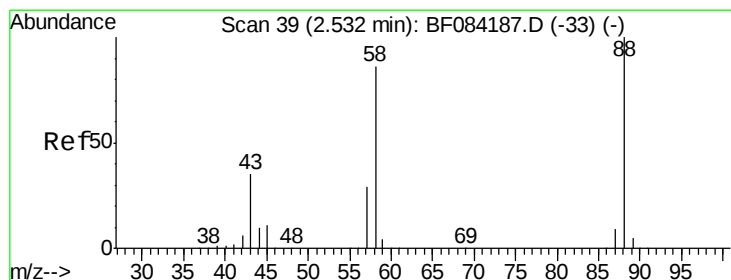
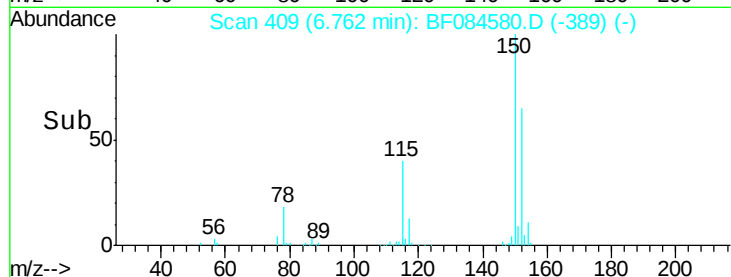
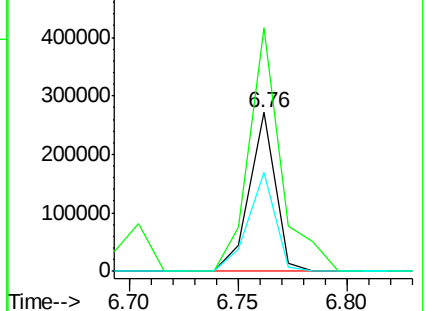
115 62.3 51.4 77.2



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

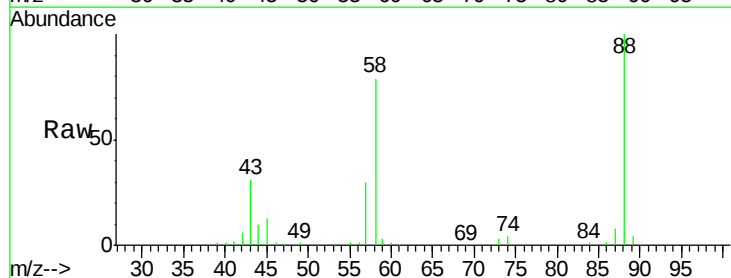
Tgt Ion: 88 Resp: 262828

Ion Ratio Lower Upper

88 100

58 85.2 51.2 76.8#

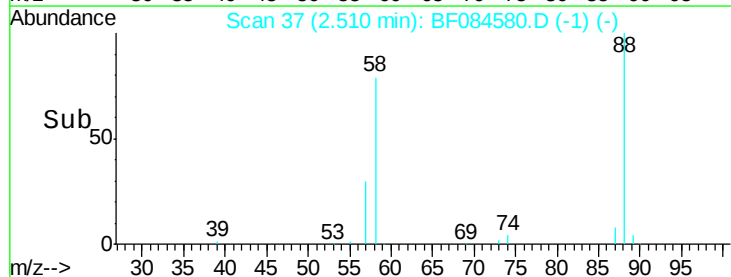
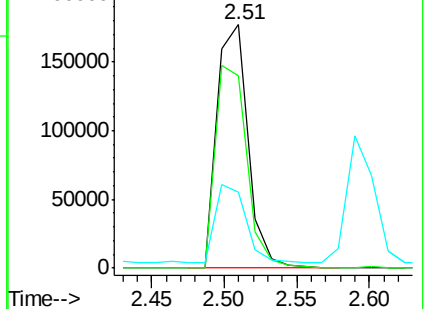
43 0.0 19.5 29.3#

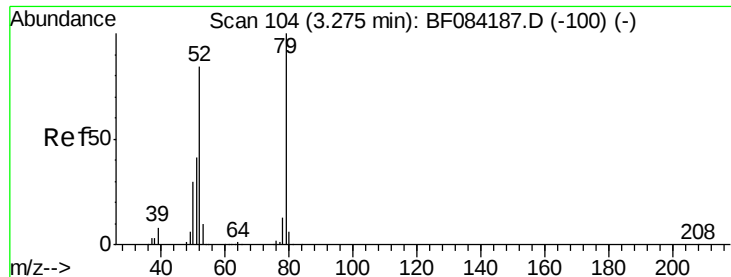


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.73 ng/ml

RT: 3.17 min Scan# 95

Delta R.T. 0.05 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

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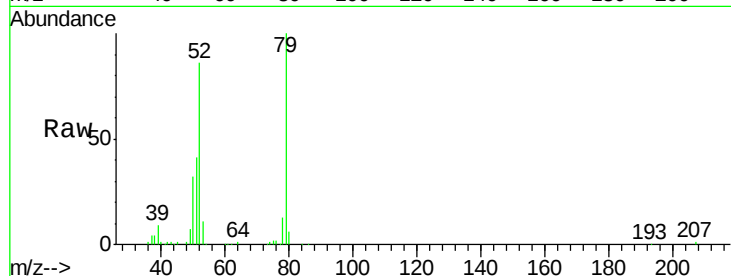
Tot Ion: 79 Resp: 456050

Ion Ratio Lower Upper

79 100

52 85.6 49.0 73.4#

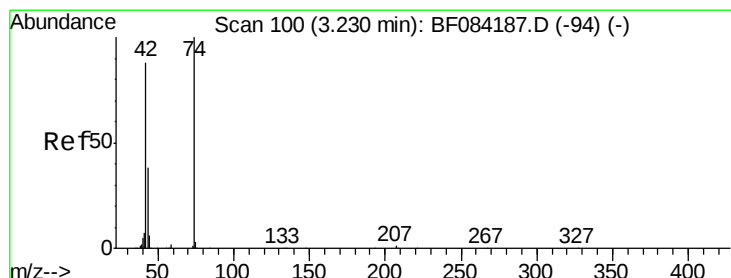
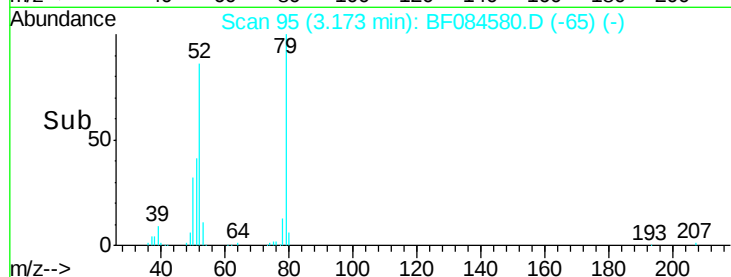
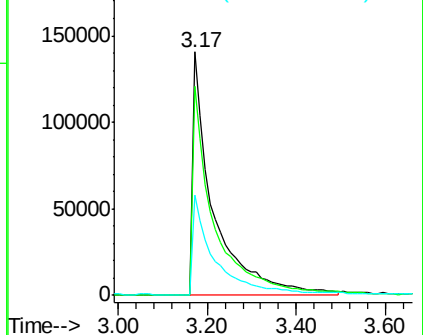
51 41.1 25.2 37.8#



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/ml

RT: 3.09 min Scan# 88

Delta R.T. 0.02 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

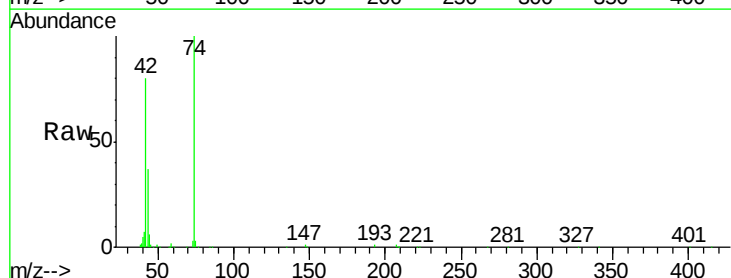
Tgt Ion: 42 Resp: 357375

Ion Ratio Lower Upper

42 100

74 125.4 115.7 173.5

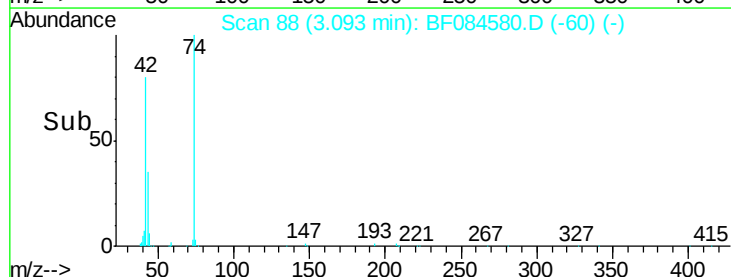
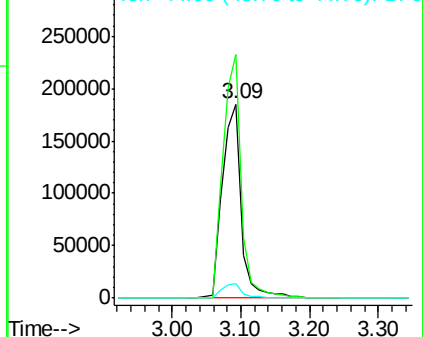
44 7.6 5.1 7.7

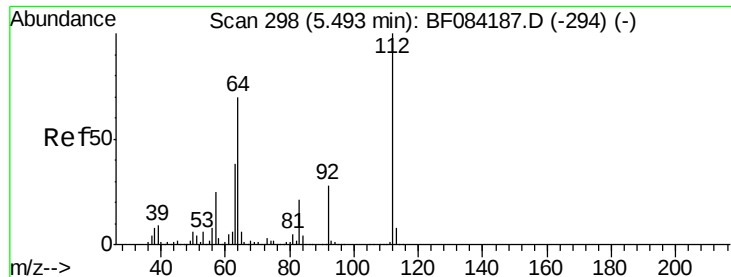


Abundance Ion 42.00 (41.70 to 42.70): BF0

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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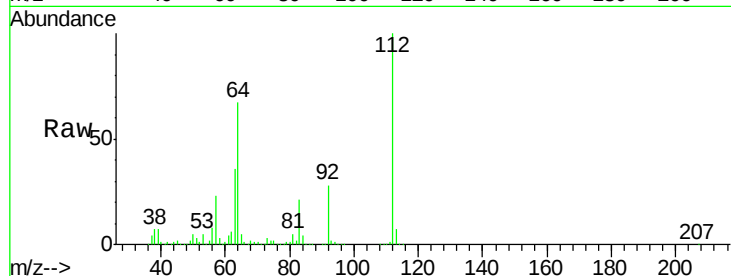
Tot Ion:112 Resp: 1758177

Ion Ratio Lower Upper

112 100

64 67.2 36.6 55.0#

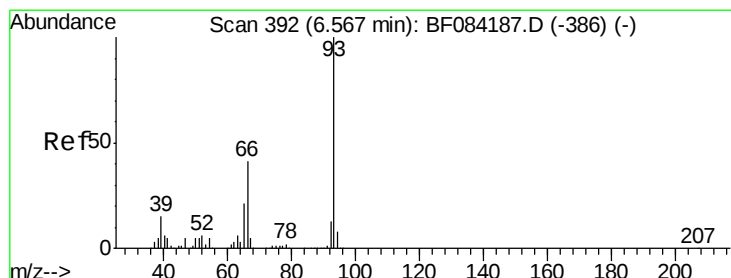
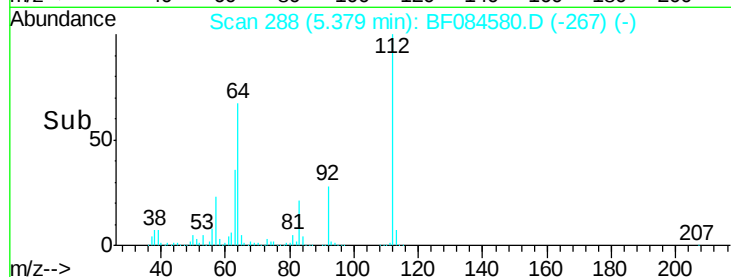
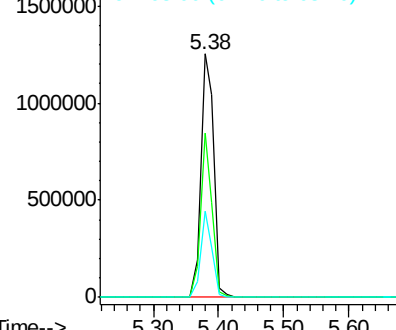
63 35.5 19.4 29.0#



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

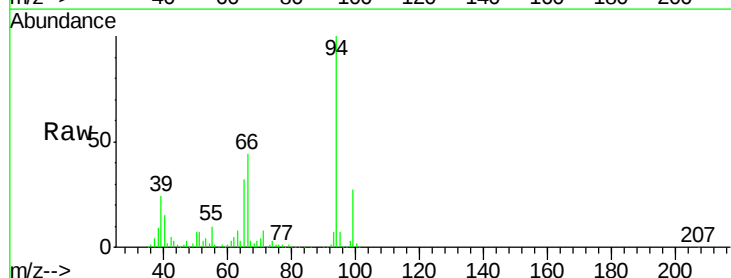
Tgt Ion: 93 Resp: 114840

Ion Ratio Lower Upper

93 100

66 646.8 44.9 67.3#

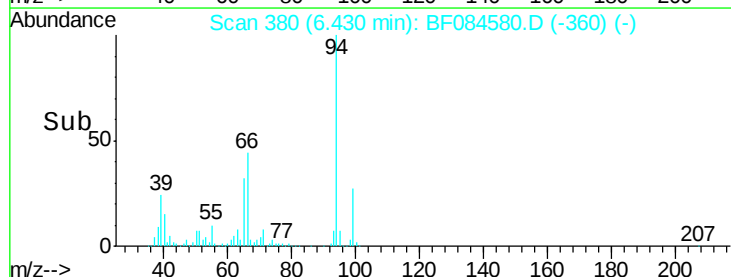
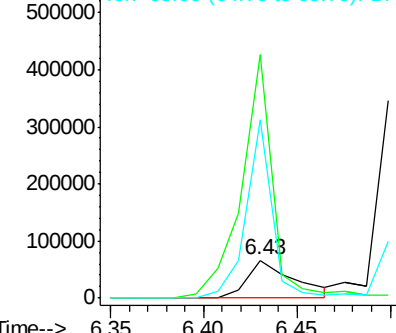
65 475.3 23.7 35.5#

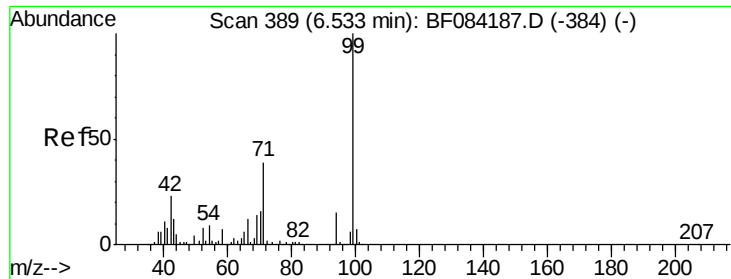


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

Instrument :

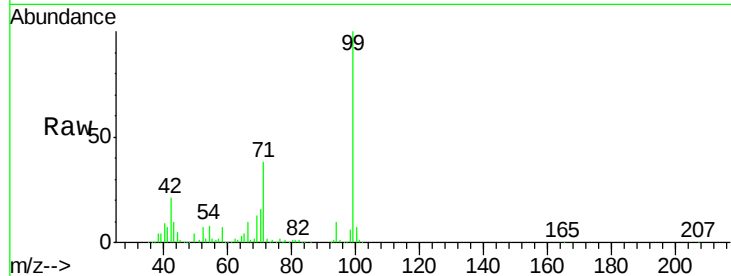
BNA_F

ClientSampleId :

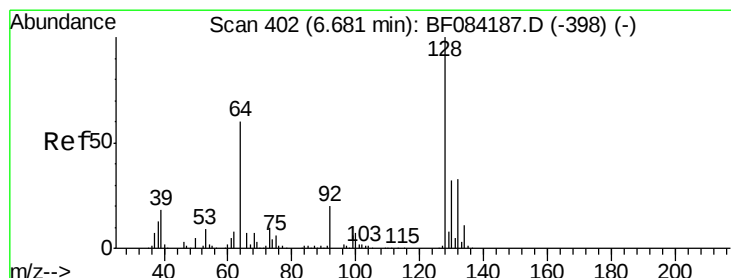
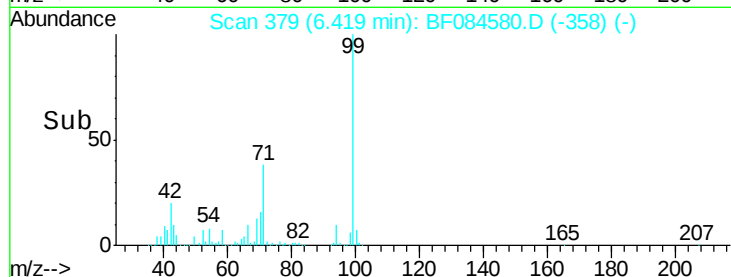
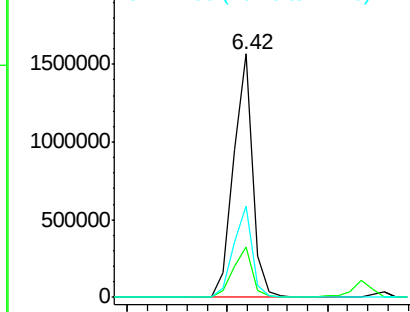
SULFURCAKEMSD

Tot 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

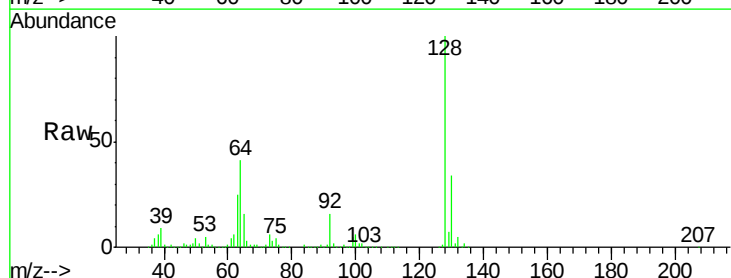
Delta R.T. -0.07 min

Lab File: BF084580.D

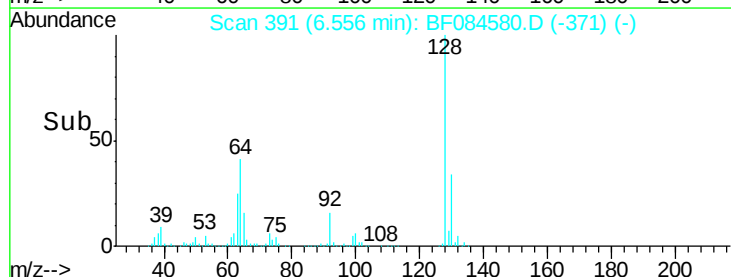
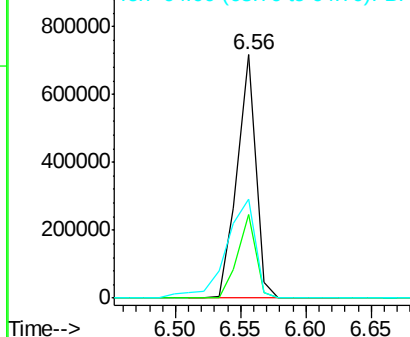
Acq: 21 Jan 2016 12:58

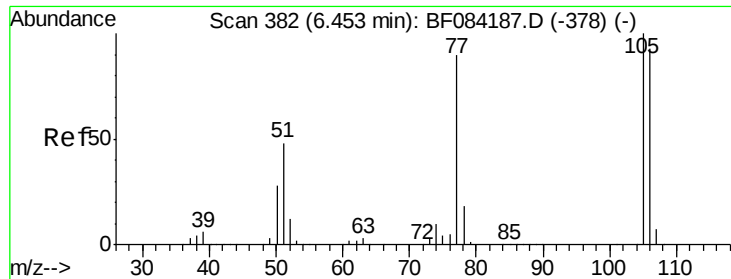
Tgt Ion: 128 Resp: 711936

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

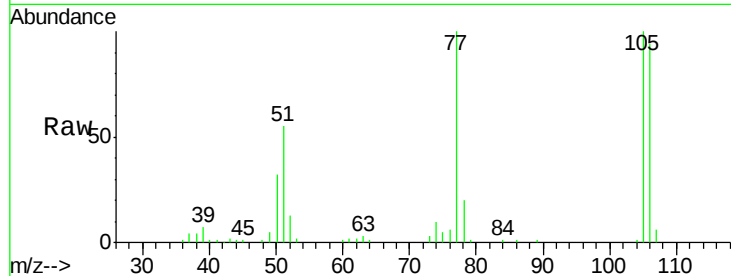




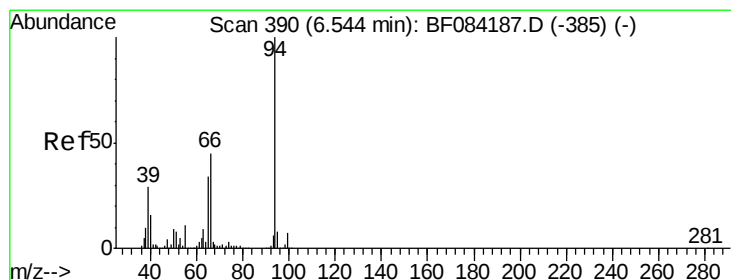
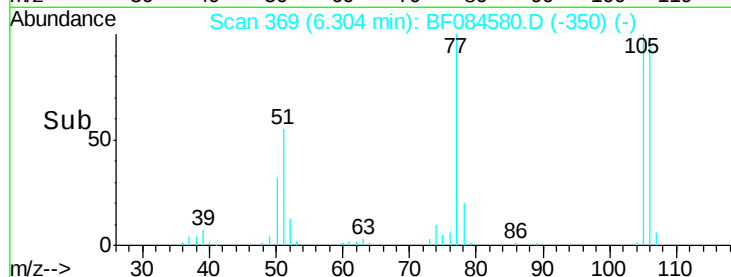
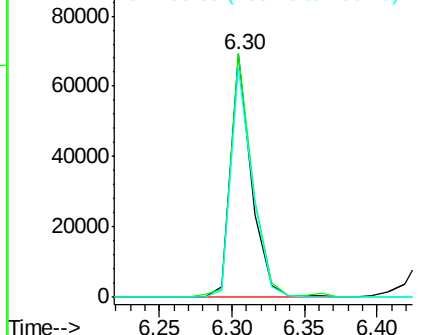
#9
Benzaldehyde
Concen: 6.02 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.08 min
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Tot Ion: 77 Resp: 68793
Ion Ratio Lower Upper
77 100
105 100.0 83.0 123.0
106 94.0 74.6 114.6

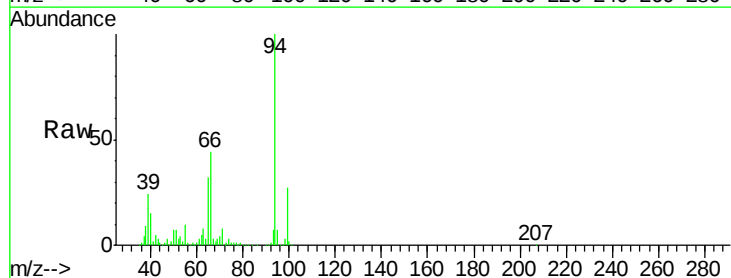


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

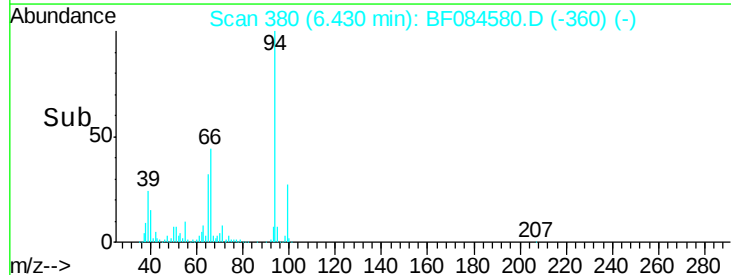
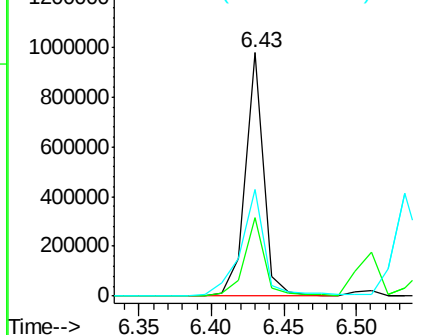


#10
Phenol
Concen: 43.09 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

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

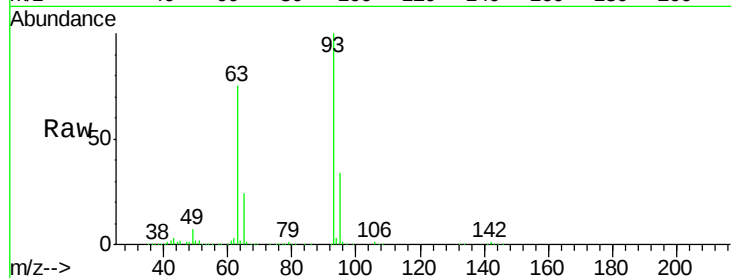
Tot Ion: 93 Resp: 788714

Ion Ratio Lower Upper

93 100

63 75.1 45.9 85.9

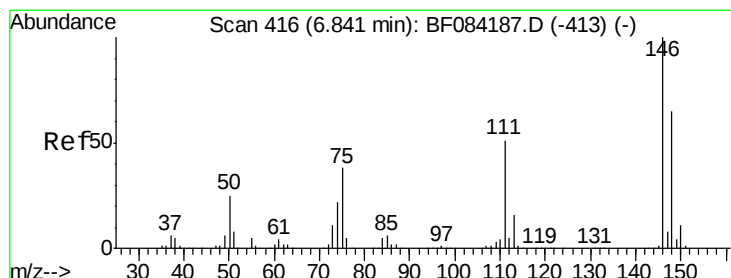
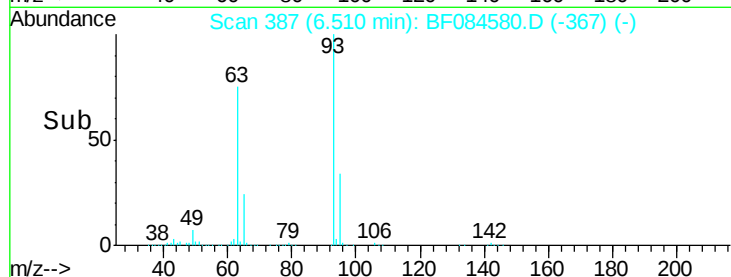
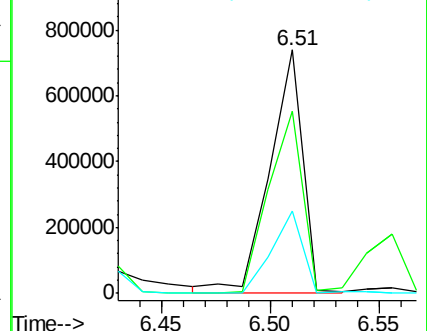
95 33.9 12.3 52.3



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

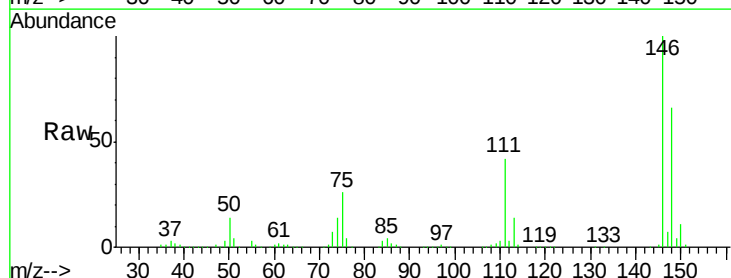
Tgt Ion: 146 Resp: 751997

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

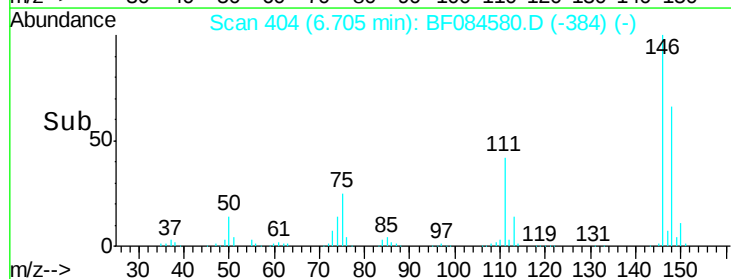
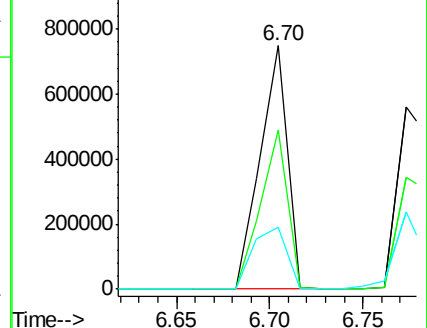
75 25.5 20.5 30.7

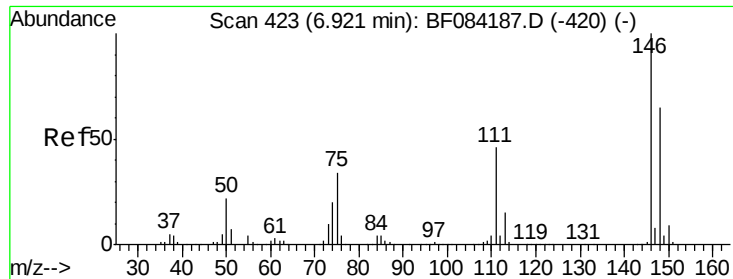


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

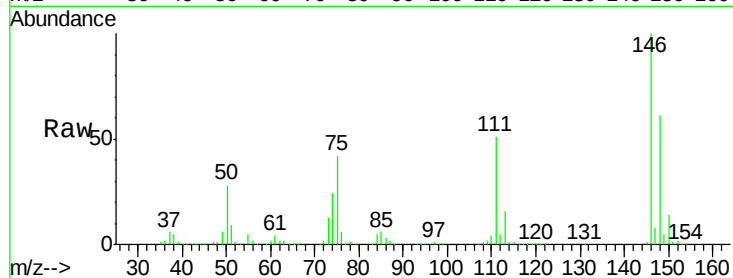




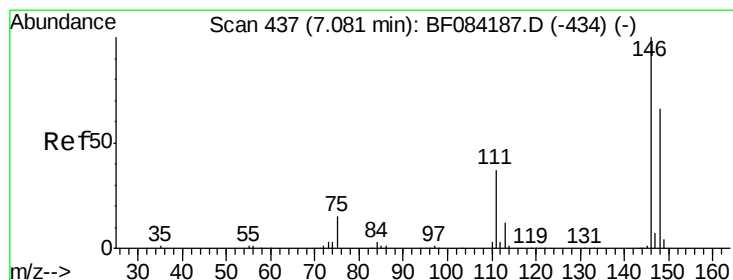
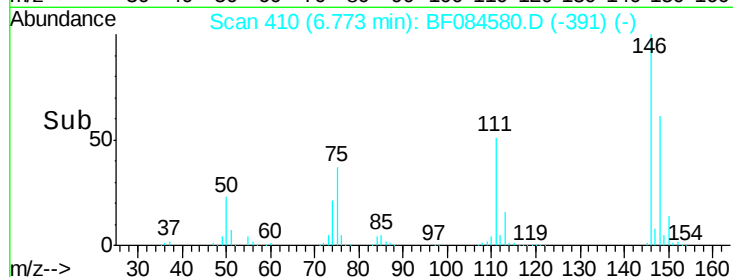
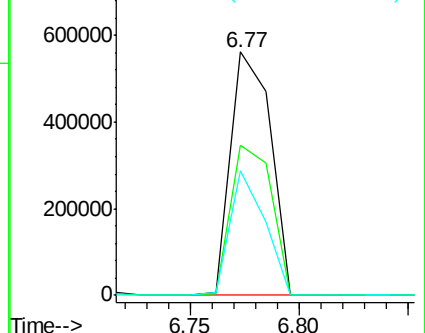
#13
 1,4-Dichlorobenzene
 Concen: 43.57 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

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

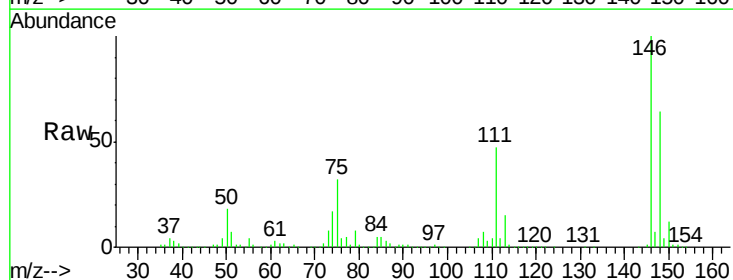


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

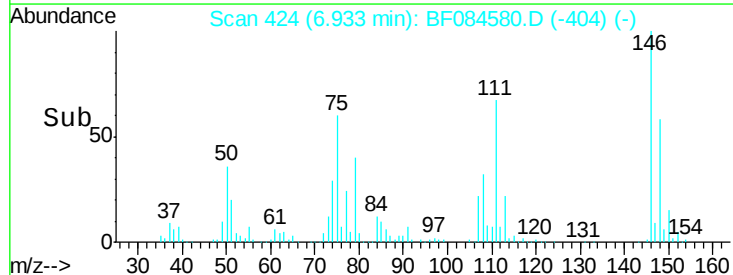
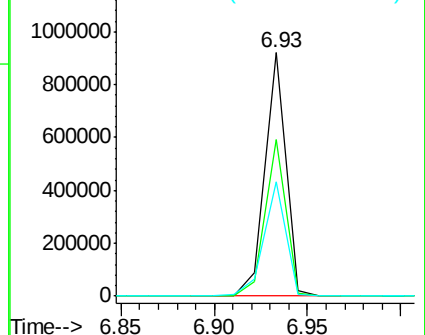


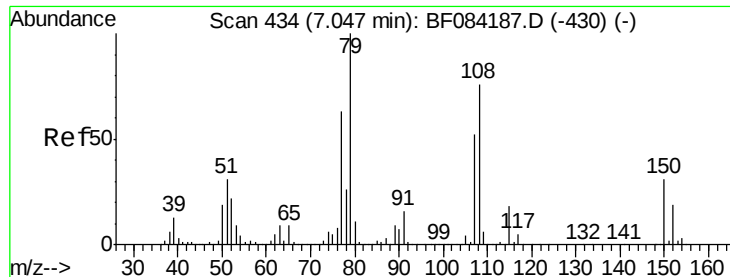
#14
 1,2-Dichlorobenzene
 Concen: 45.02 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

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

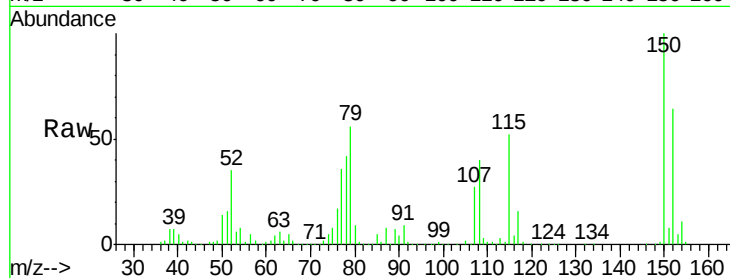
Tot Ion: 79 Resp: 607416

Ion Ratio Lower Upper

79 100

108 71.7 69.0 103.4

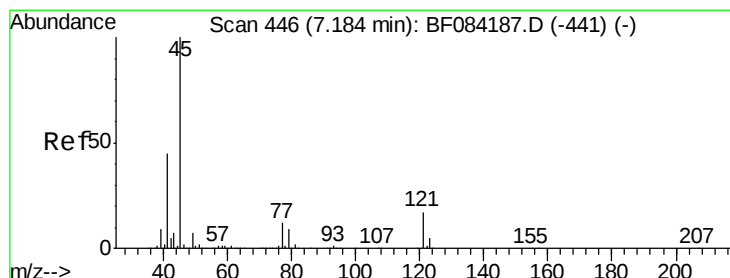
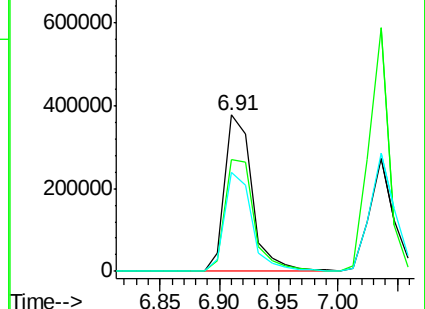
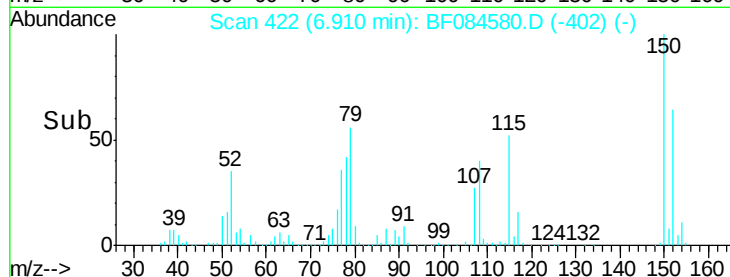
77 63.9 50.0 75.0



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

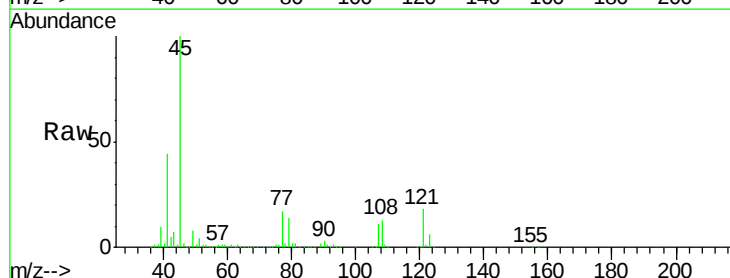
Tgt Ion: 45 Resp: 1070679

Ion Ratio Lower Upper

45 100

77 16.8 0.0 39.6

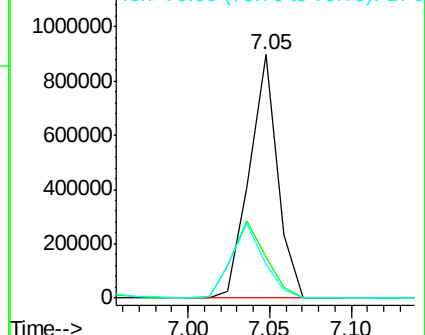
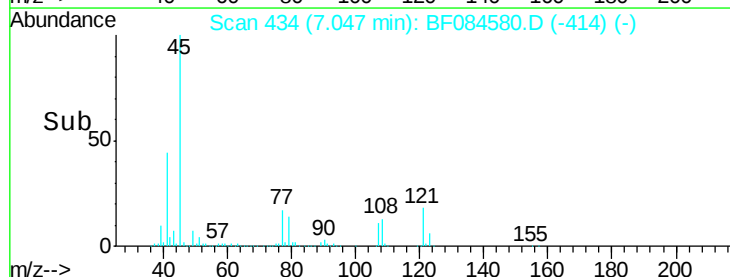
79 13.8 0.0 35.0

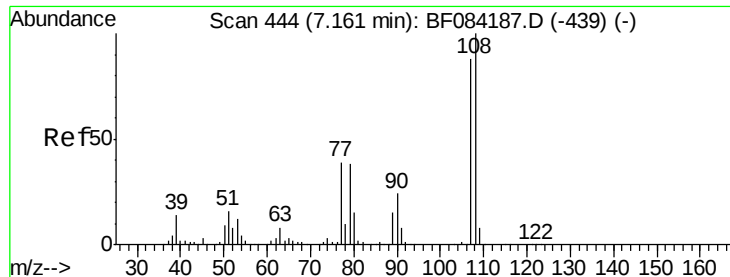


Abundance Ion 45.00 (44.70 to 45.70): BF0

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

Tot Ion:107 Resp: 590990

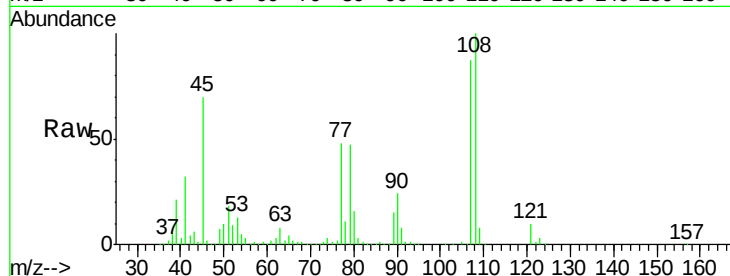
Ion Ratio Lower Upper

107 100

108 115.1 89.8 134.6

77 55.8 35.7 53.5#

79 53.5 35.7 53.5

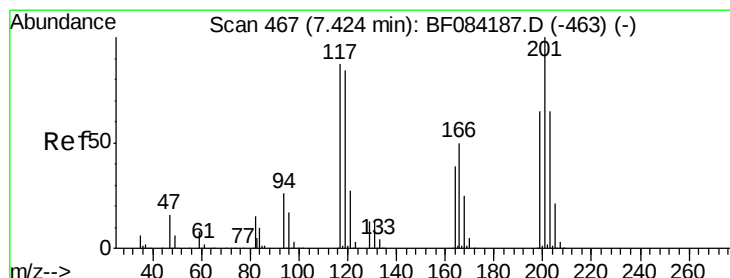
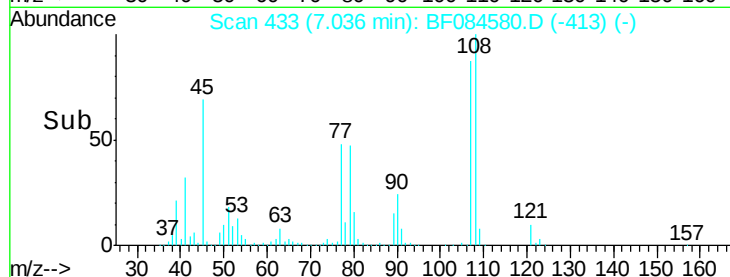
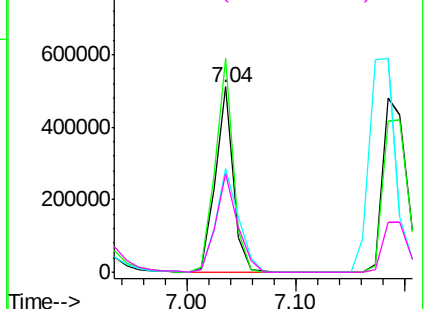


Abundance Ion 107.00 (106.70 to 107.70): E

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

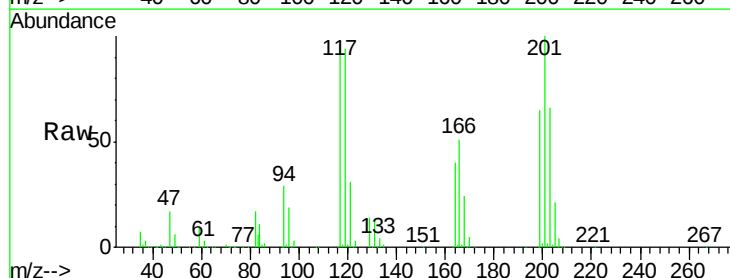
Tgt Ion:117 Resp: 291211

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.0

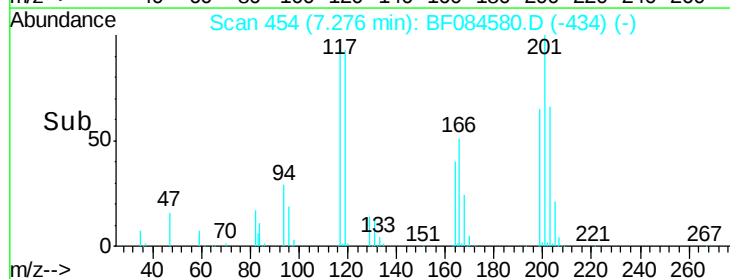
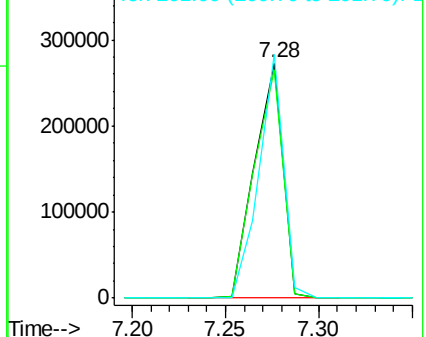
201 103.6 68.6 103.0#

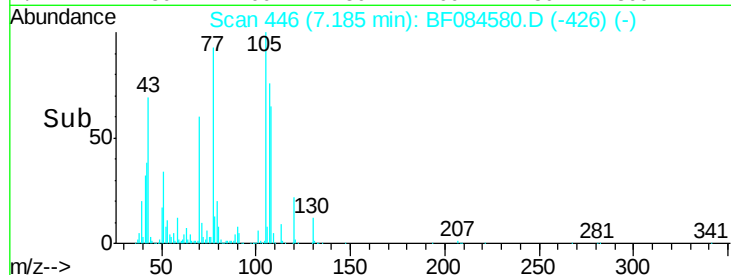
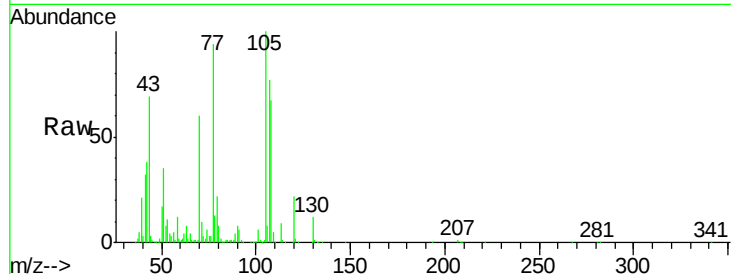
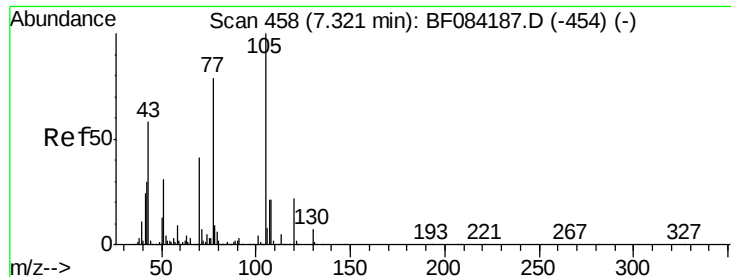


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

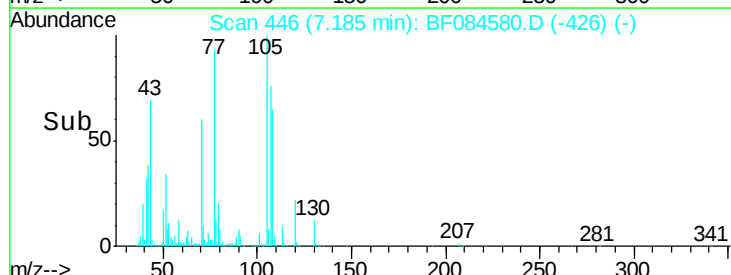
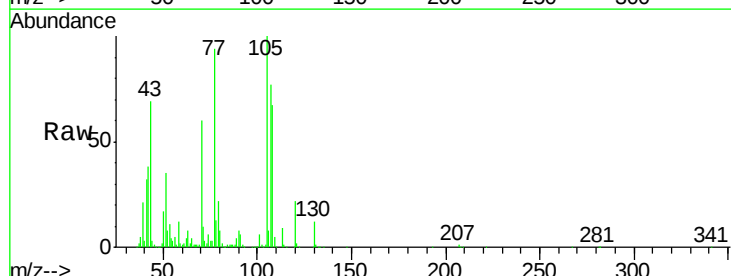
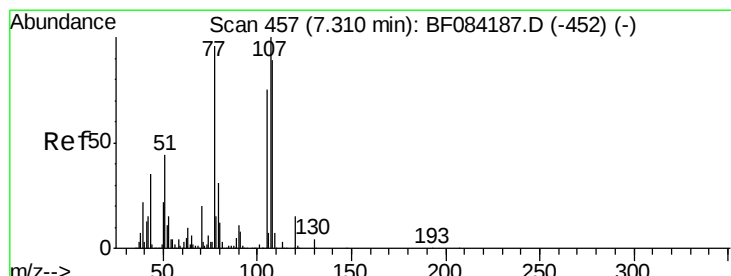
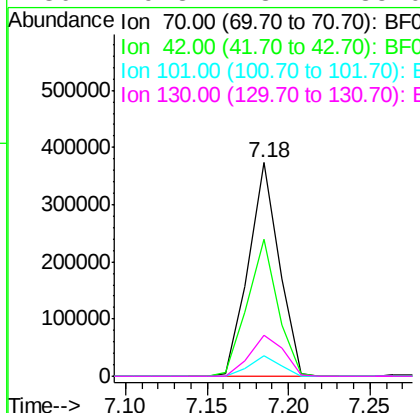




#19
n-Nitroso-di-n-propylamine
Concen: 41.05 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

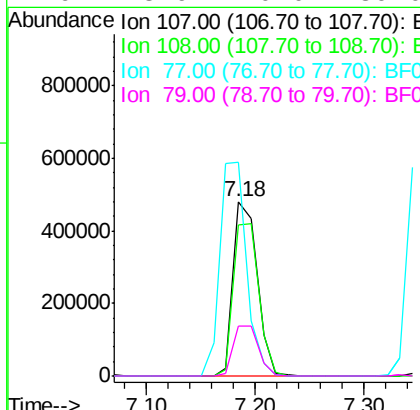
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

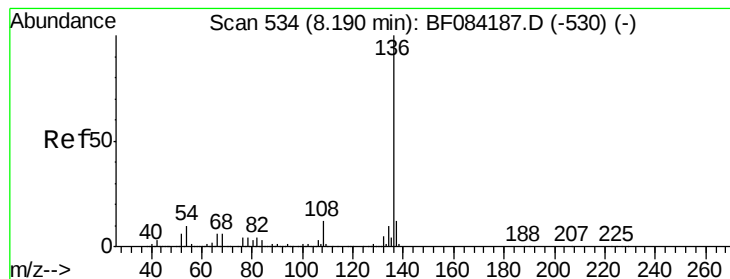
Tot Ion: 70 Resp: 487287
Ion Ratio Lower Upper
70 100
42 64.4 33.3 49.9#
101 9.6 9.3 13.9
130 19.3 23.4 35.0#



#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

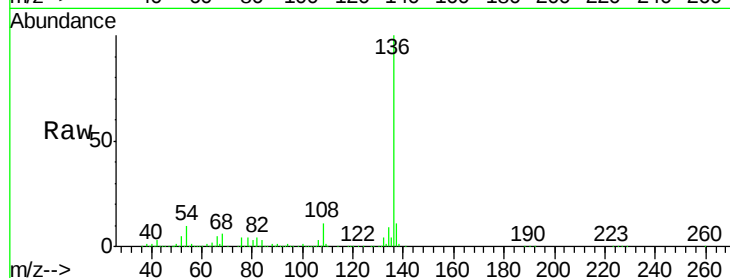
ClientSampleId :

SULFURCAKEMSD

Tot 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

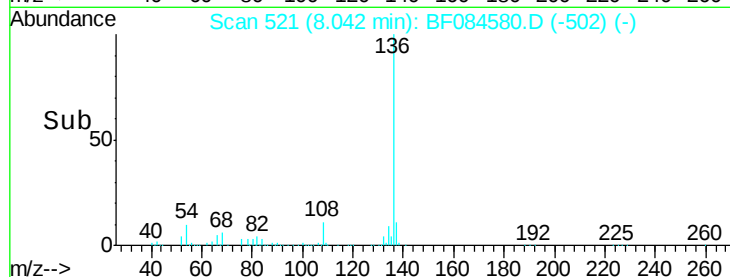


Abundance Ion 136.00 (135.70 to 136.70): E

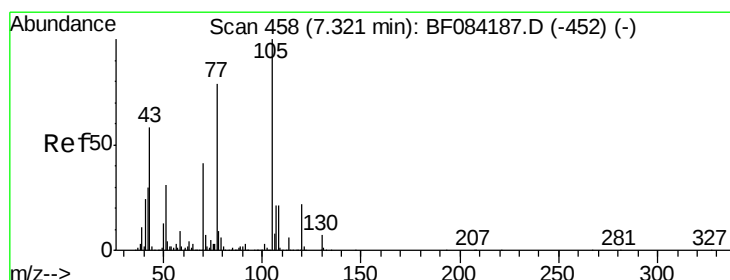
Ion 137.00 (136.70 to 137.70): E

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

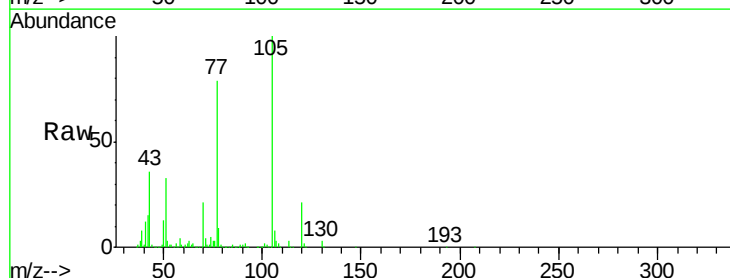
Lab File: BF084580.D

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

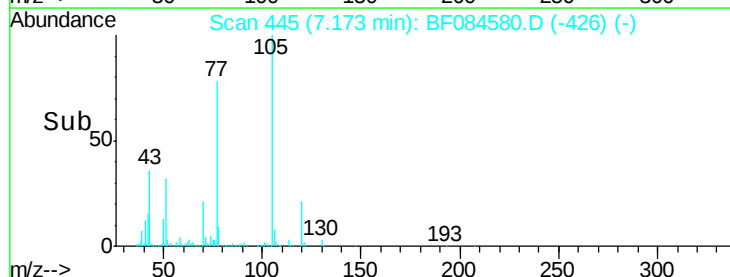


Abundance Ion 105.00 (104.70 to 105.70): E

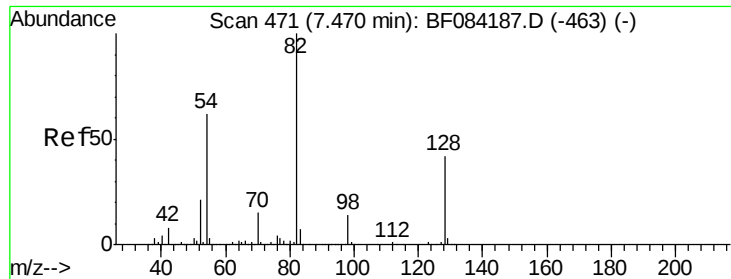
Ion 71.00 (70.70 to 71.70): BF0

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

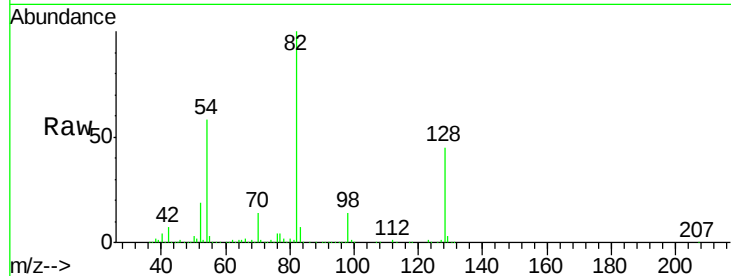
Tot Ion: 82 Resp: 1455949

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	58.0	38.4	57.6

82 100

128 44.8 34.6 51.8

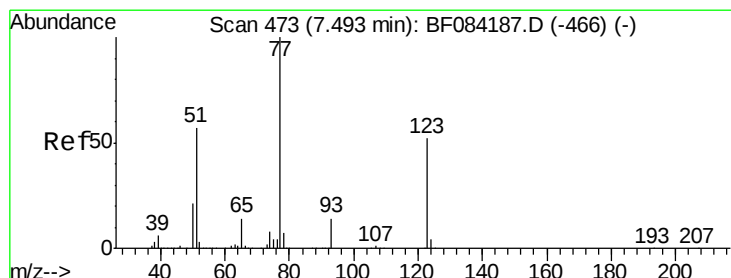
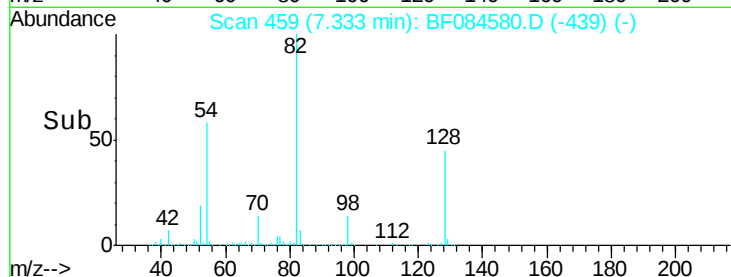
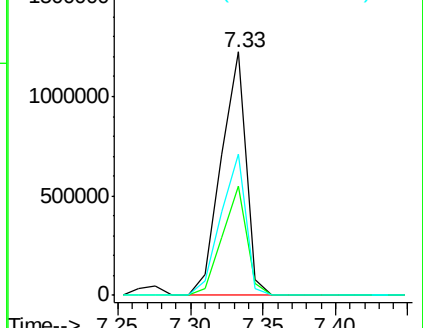
54 58.0 38.4 57.6



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

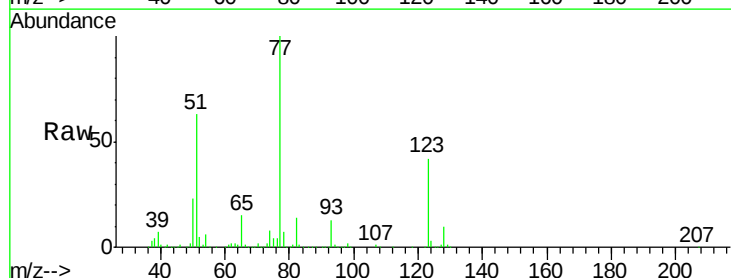
Tgt Ion: 77 Resp: 741586

Ion	Ratio	Lower	Upper
77	100		
123	41.8	37.4	56.2
65	14.8	10.9	16.3

77 100

123 41.8 37.4 56.2

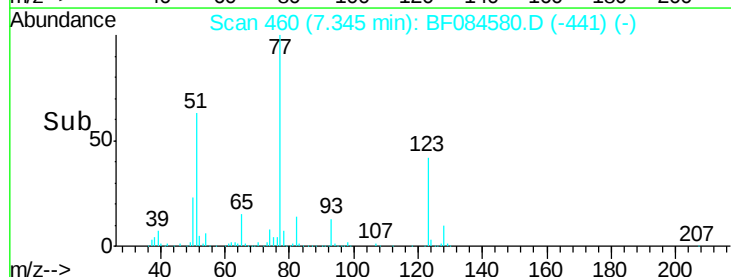
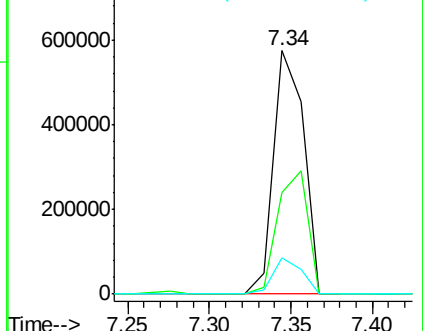
65 14.8 10.9 16.3

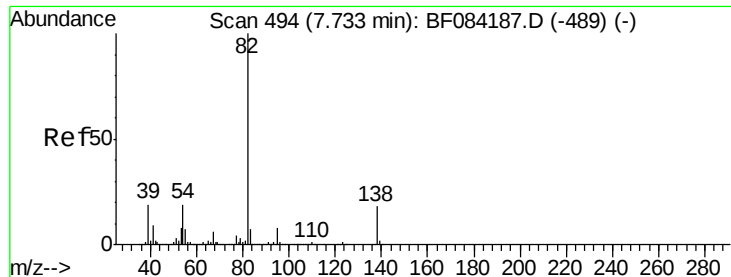


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

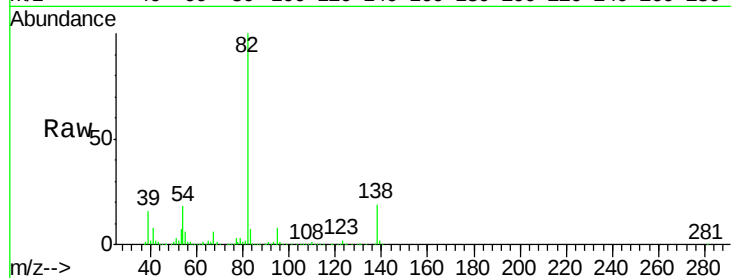
Tot Ion: 82 Resp: 1420713

Ion Ratio Lower Upper

82 100

95 7.9 6.6 10.0

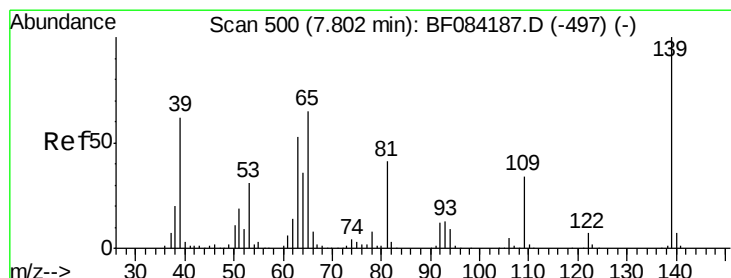
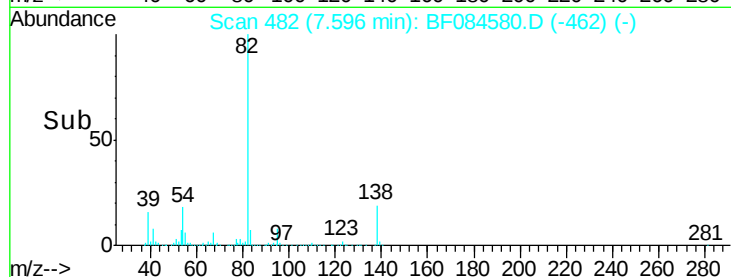
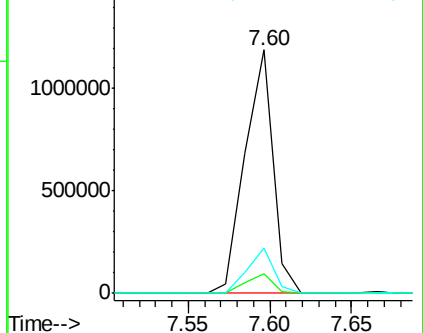
138 18.7 13.6 20.4



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

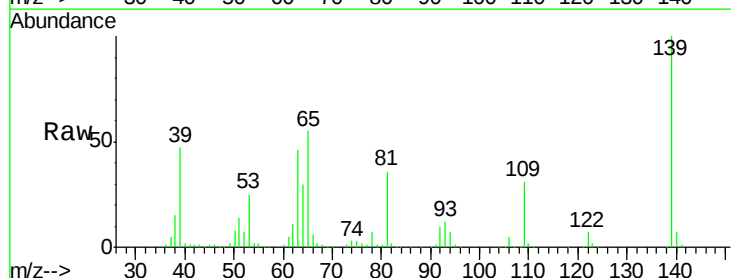
Tgt Ion: 139 Resp: 380377

Ion Ratio Lower Upper

139 100

109 31.5 25.4 38.2

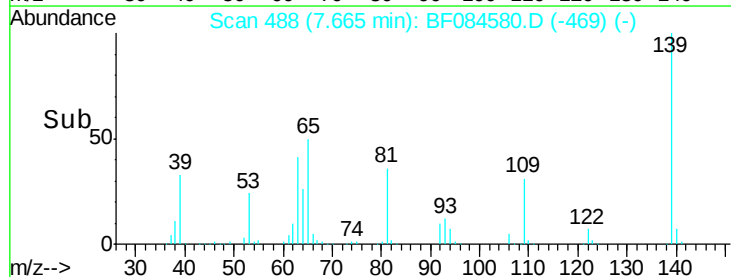
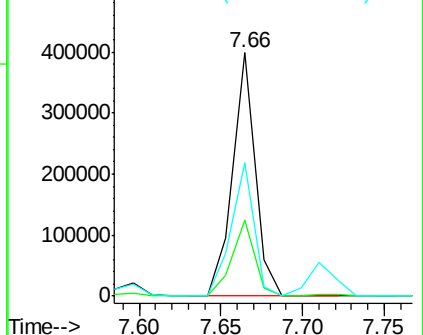
65 54.8 32.3 48.5#

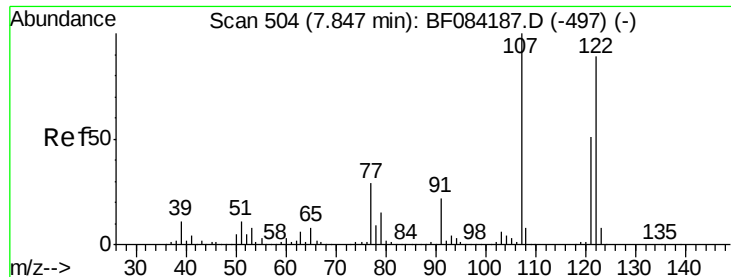


Abundance Ion 139.00 (138.70 to 139.70): E

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

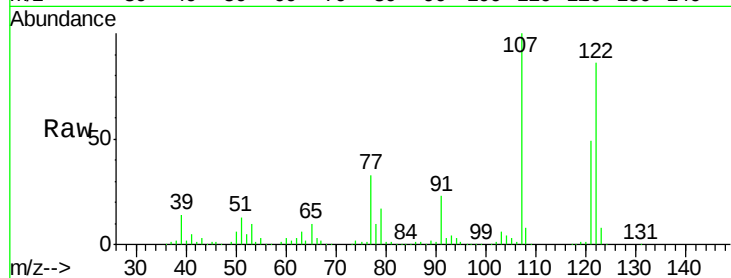
Tot Ion:122 Resp: 683310

Ion Ratio Lower Upper

122 100

107 116.5 99.1 148.7

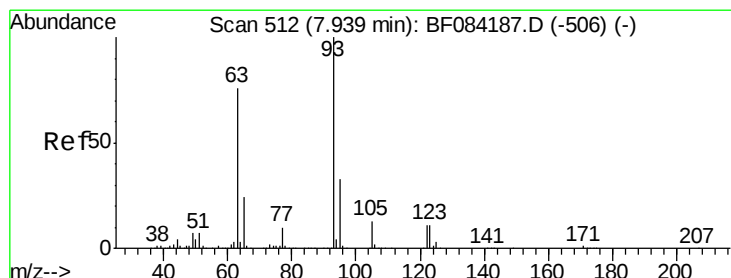
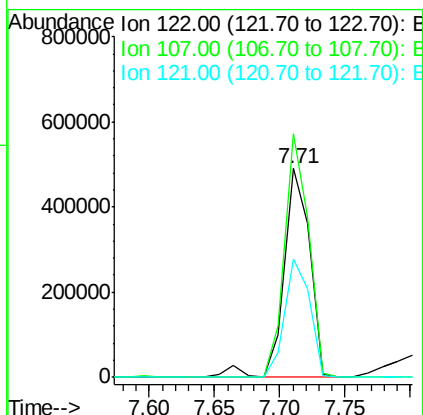
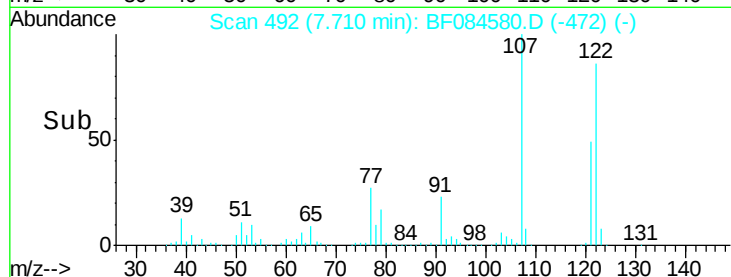
121 56.7 47.9 71.9



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

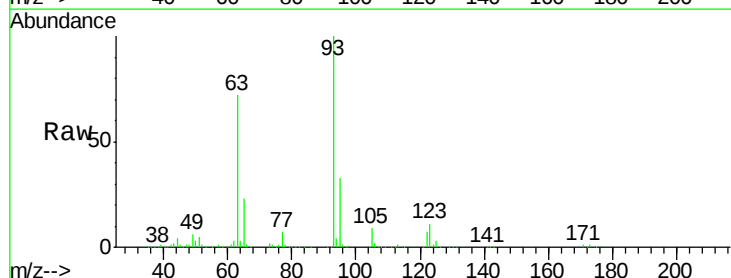
Tgt Ion: 93 Resp: 850068

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

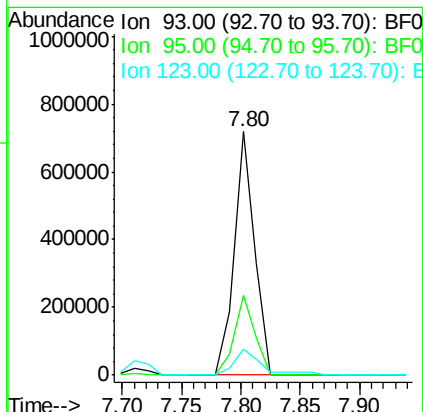
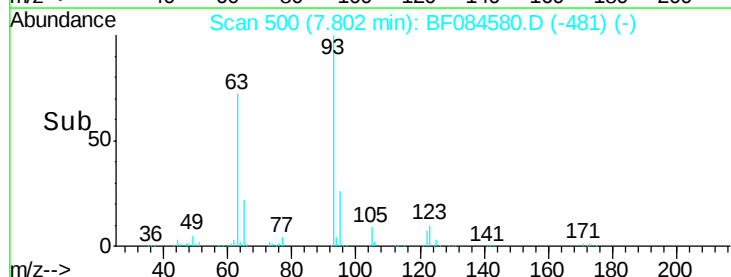
123 10.9 8.6 12.8



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

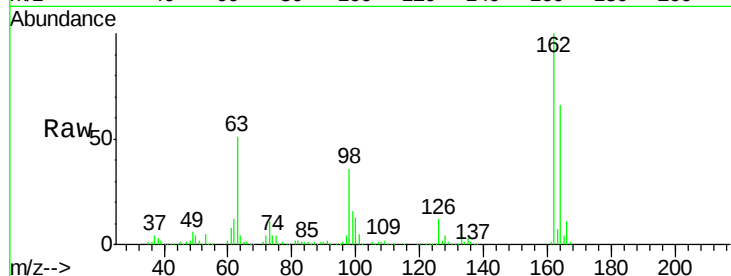
Tot Ion:162 Resp: 631047

Ion Ratio Lower Upper

162 100

164 65.5 44.1 84.1

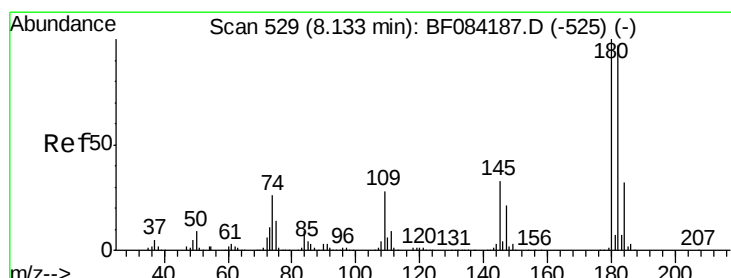
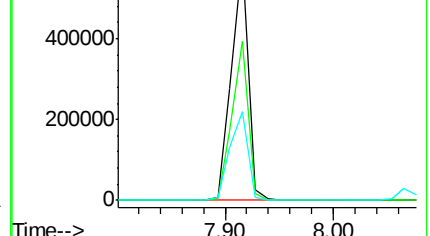
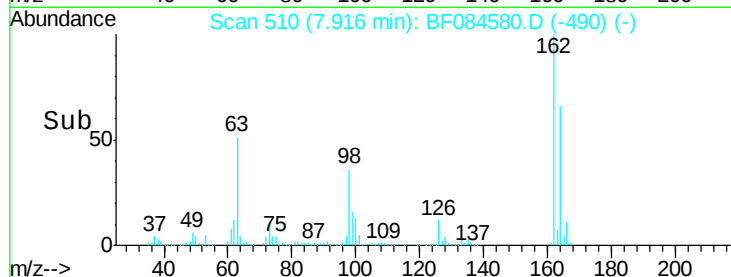
98 36.2 20.2 60.2



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): BF0



#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

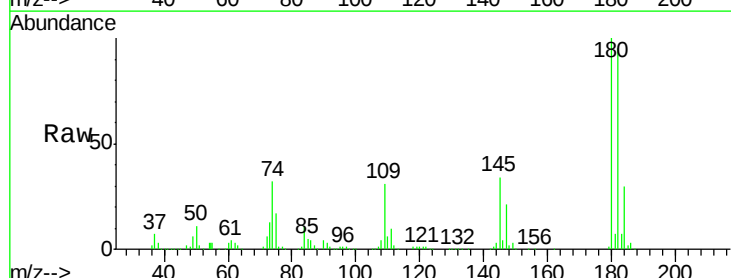
Tgt Ion:180 Resp: 628866

Ion Ratio Lower Upper

180 100

182 94.7 76.4 114.6

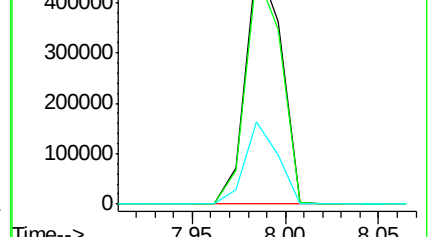
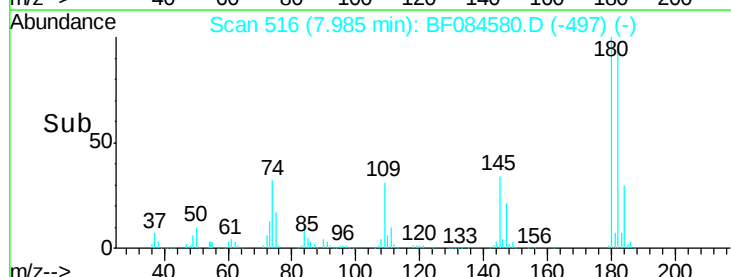
145 33.9 31.6 47.4

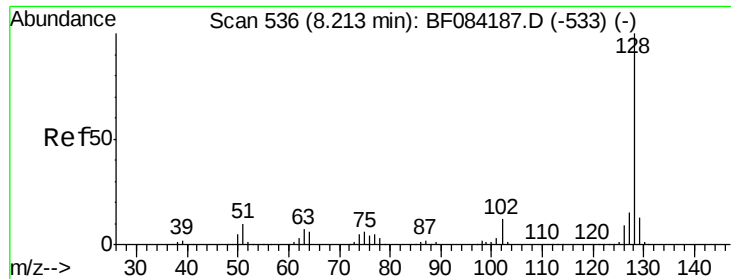


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

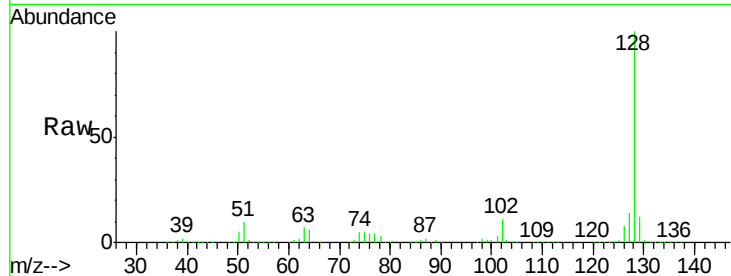




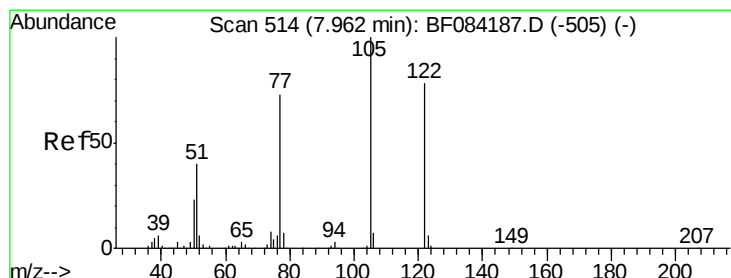
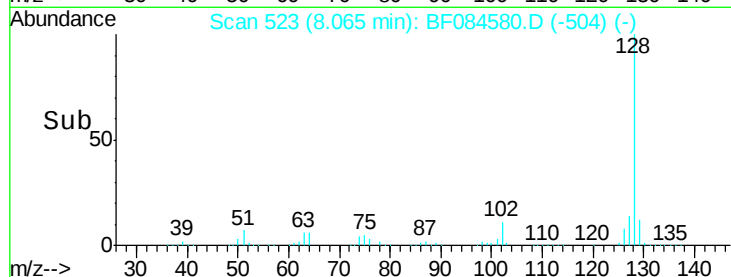
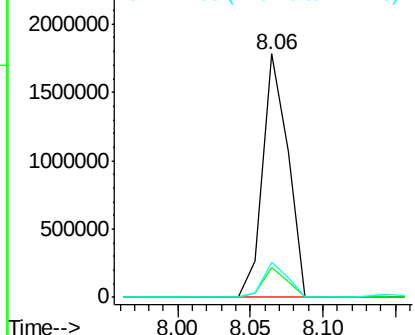
#31
Naphthalene
Concen: 50.52 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

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

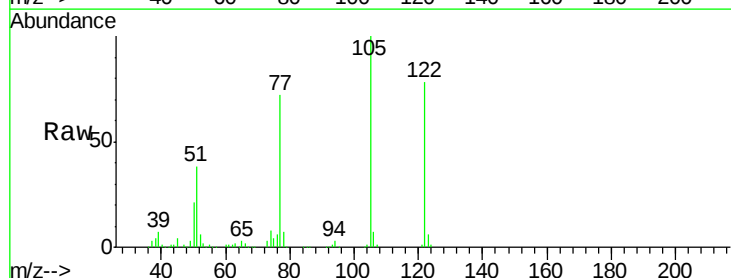


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

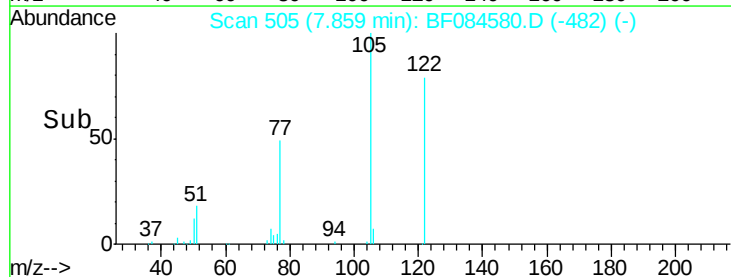
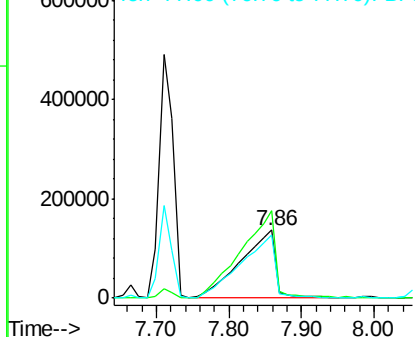


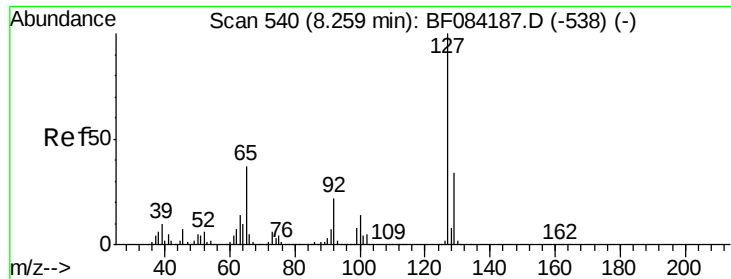
#32
Benzoic acid
Concen: 45.55 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

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

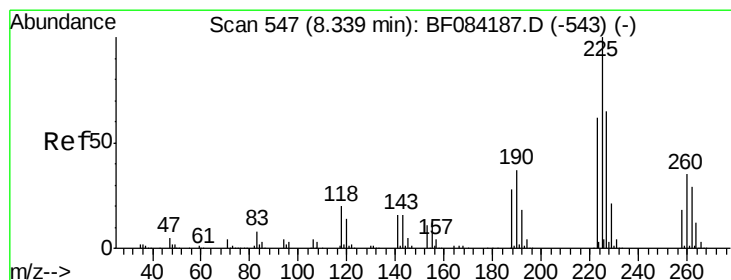
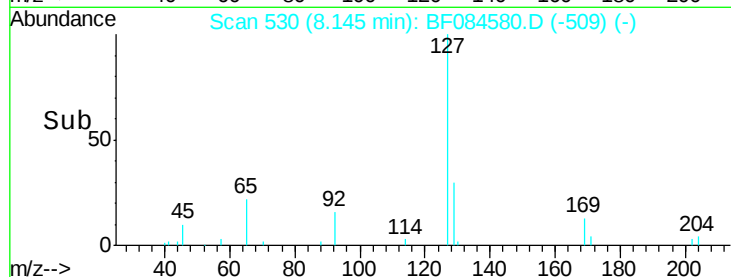
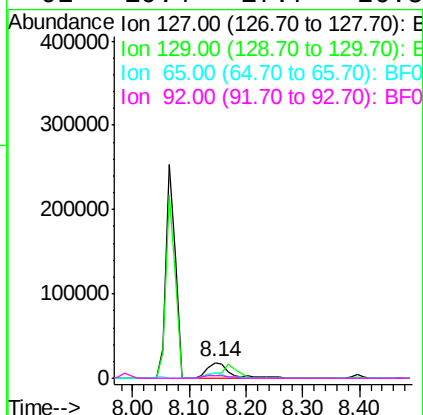
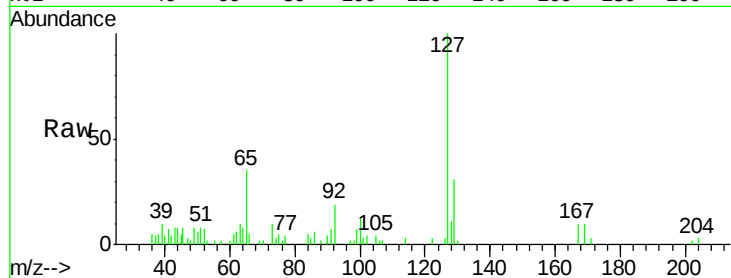




#33
 4-Chloroaniline
 Concen: 2.78 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.06 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

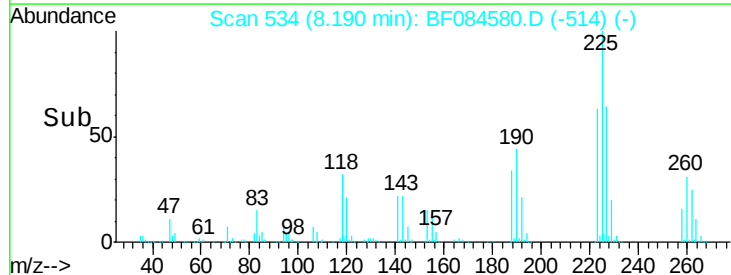
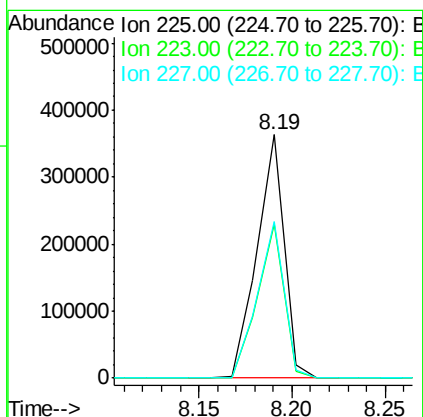
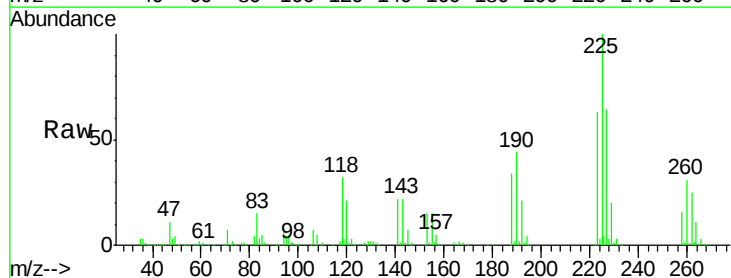
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

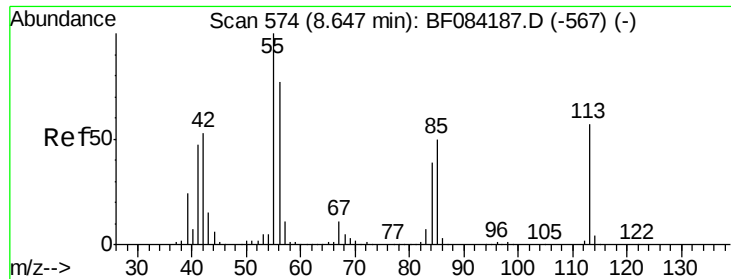
Tot Ion:	127	Resp:	53971
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	34.8	27.2	40.8
92	19.4	17.7	26.5



#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





#35

Caprolactam

Concen: 41.59 ng/ml

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

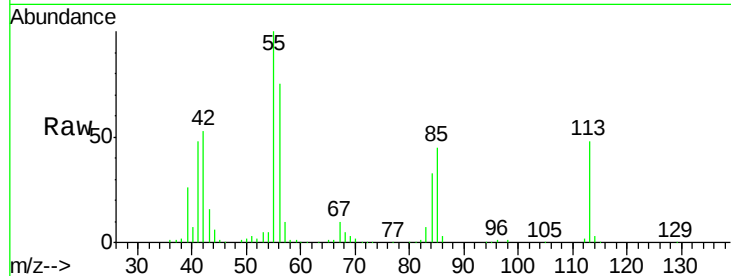
Tot Ion:113 Resp: 183121

Ion Ratio Lower Upper

113 100

55 206.8 116.9 156.9#

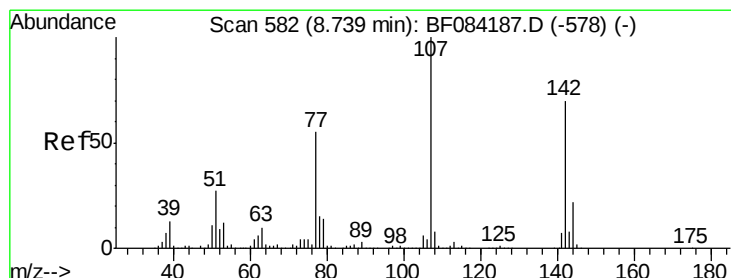
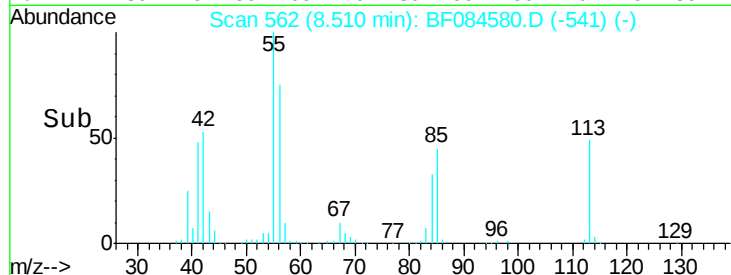
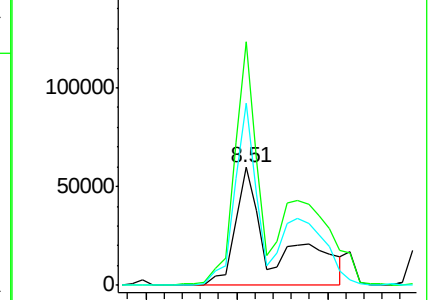
56 154.3 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.28 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. -0.06 min

Lab File: BF084580.D

Acq: 21 Jan 2016 12:58

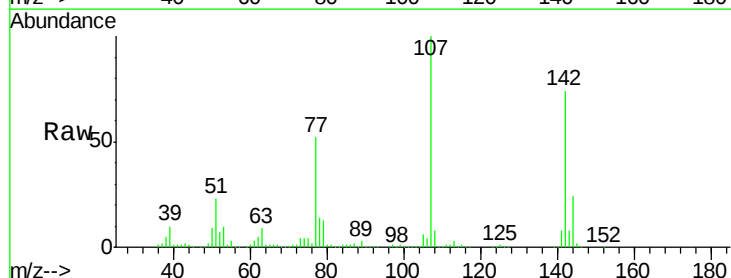
Tgt Ion:107 Resp: 706257

Ion Ratio Lower Upper

107 100

144 24.3 19.7 29.5

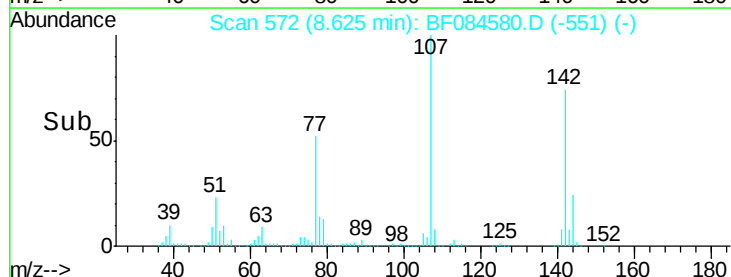
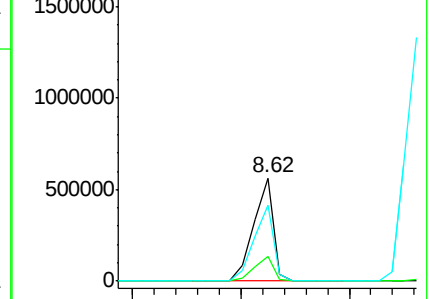
142 74.1 61.8 92.6

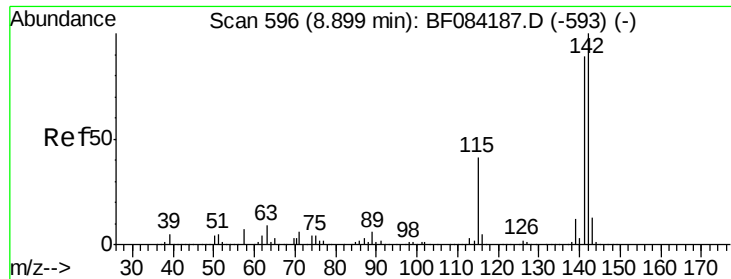


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

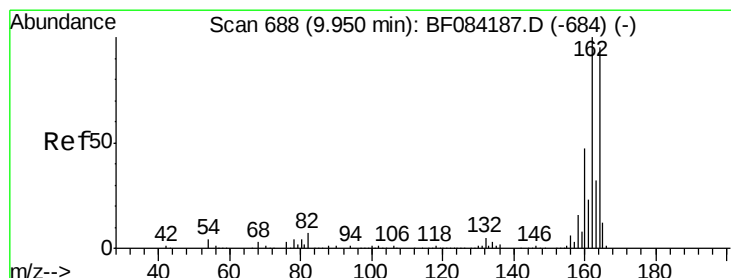
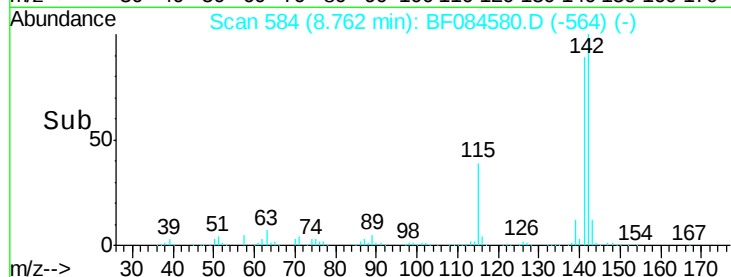
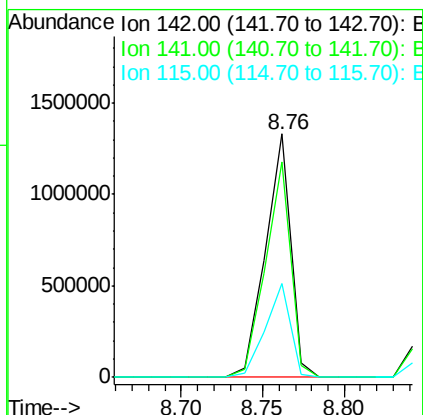
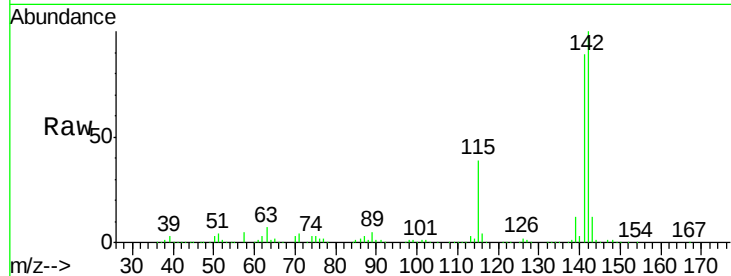




#37
2-Methylnaphthalene
Concen: 47.34 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

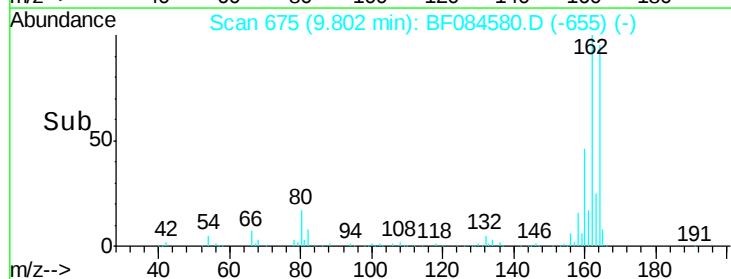
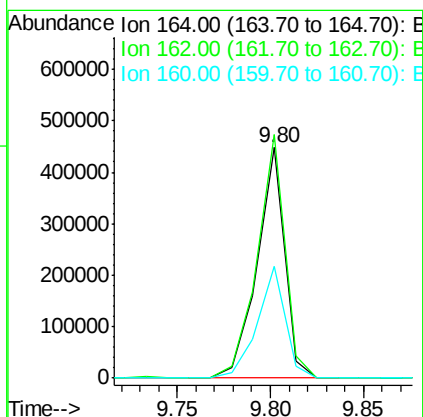
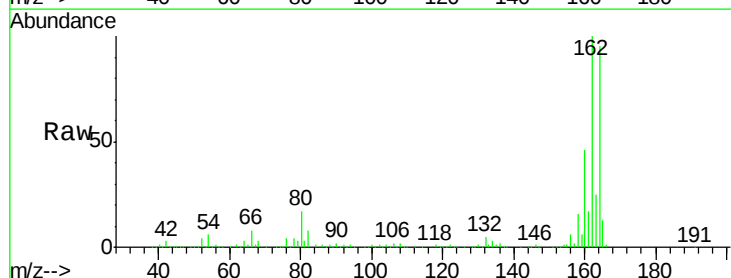
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot 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

Tot Ion:216 Resp: 568732

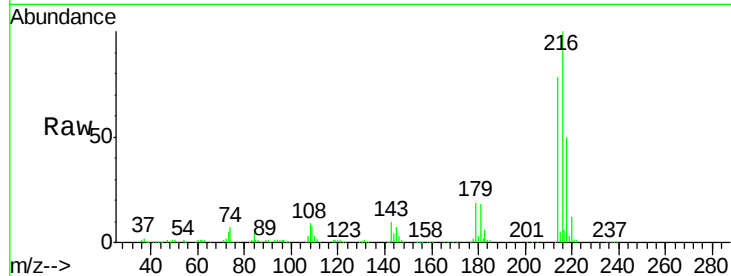
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 22.7 18.7 28.1

108 21.9 16.8 25.2

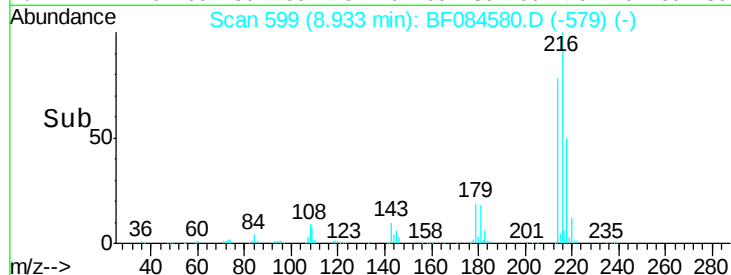


Abundance Ion 216.00 (215.70 to 216.70): E

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



Time-->



#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

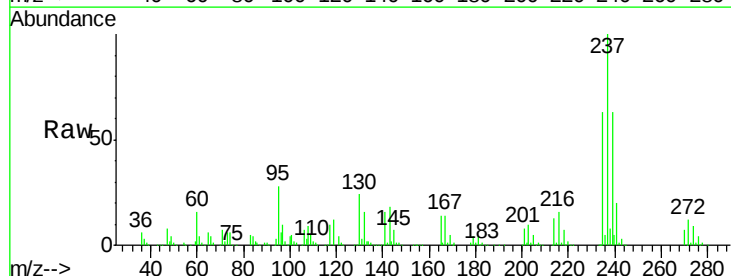
Tgt Ion:237 Resp: 617468

Ion Ratio Lower Upper

237 100

235 63.3 43.1 83.1

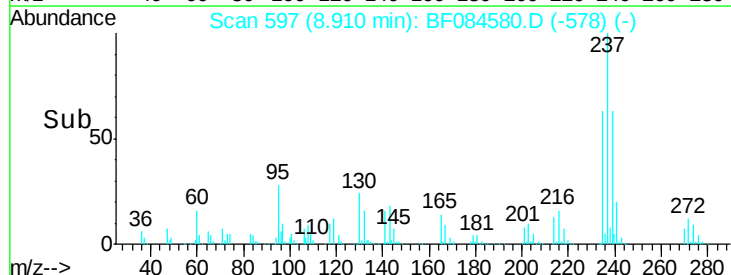
272 12.0 0.0 35.1



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



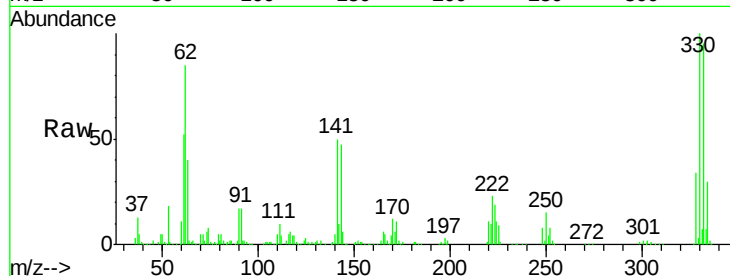
Time-->



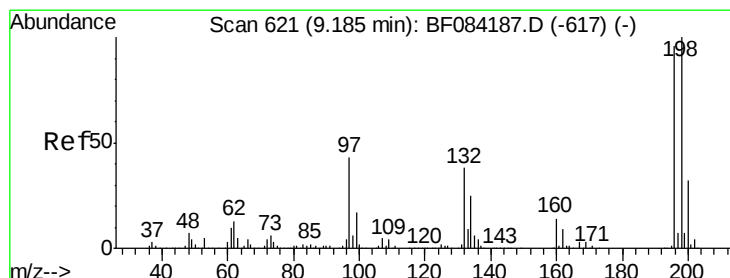
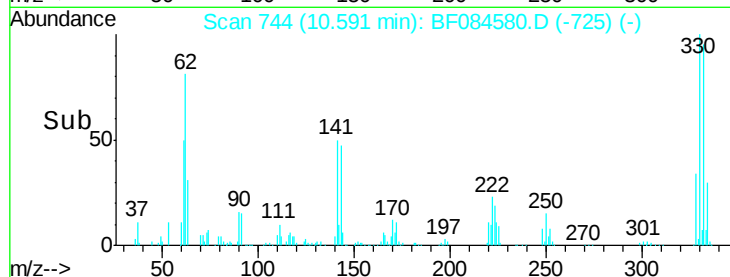
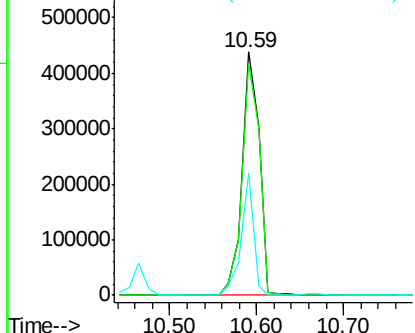
#41
 2,4,6-Tribromophenol
 Concen: 131.40 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

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

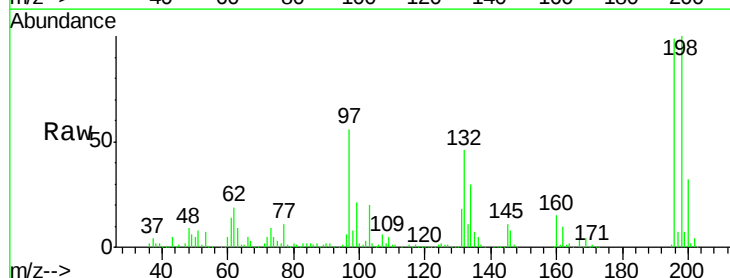


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

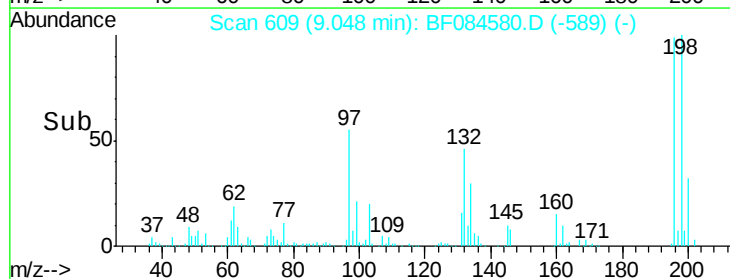
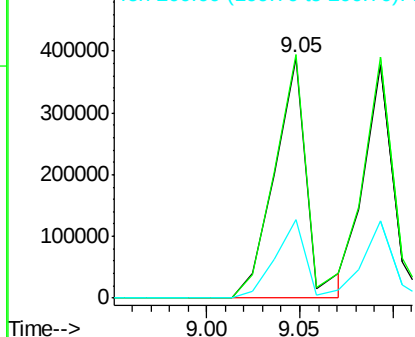


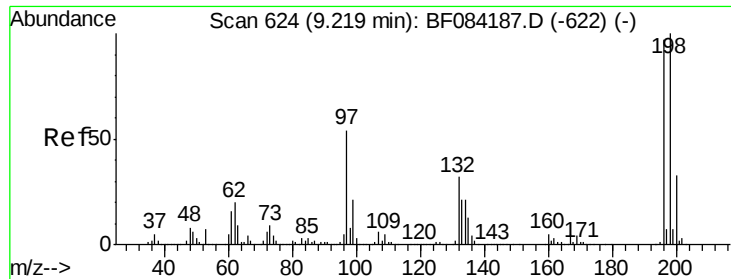
#42
 2,4,6-Trichlorophenol
 Concen: 47.92 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

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

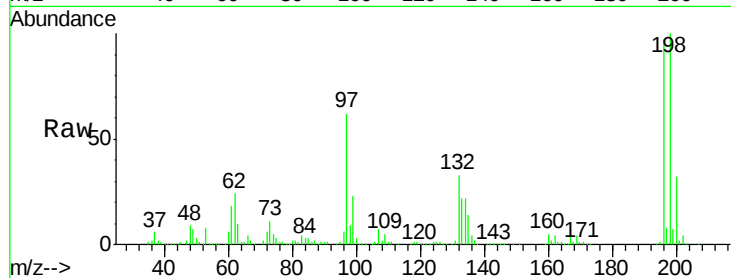




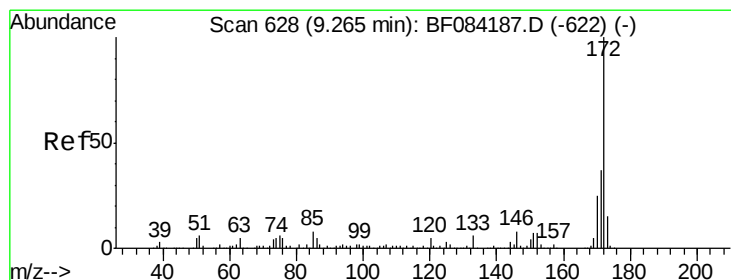
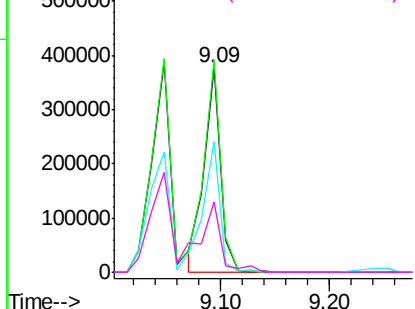
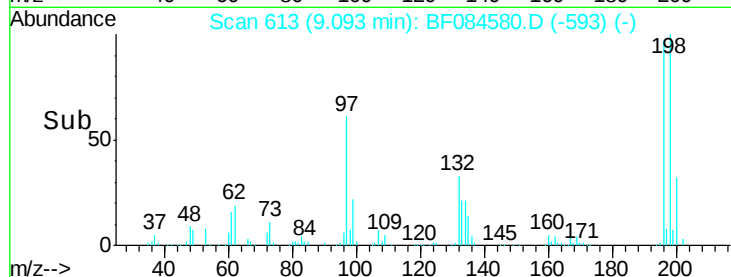
#43
 2,4,5-Trichlorophenol
 Concen: 43.22 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot 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#

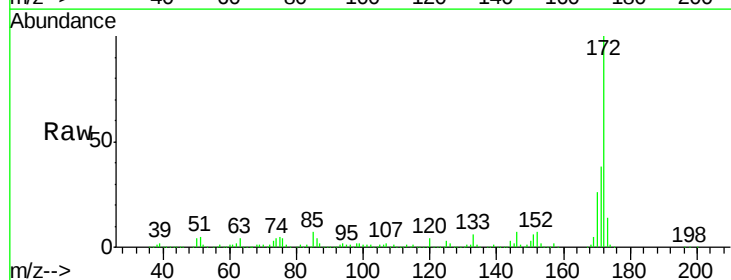


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

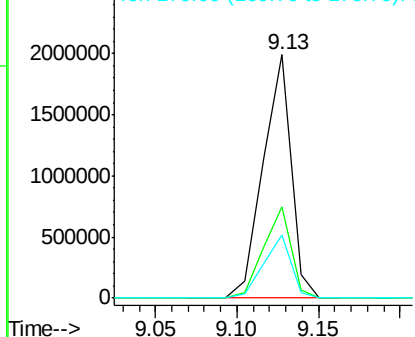
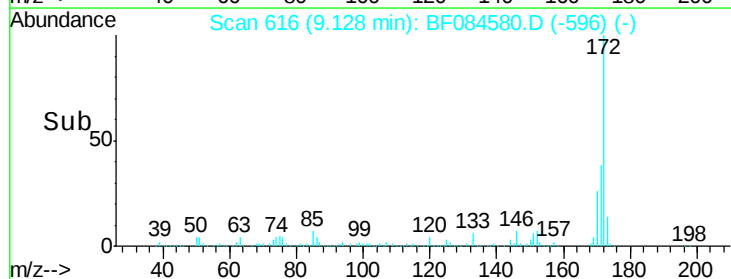


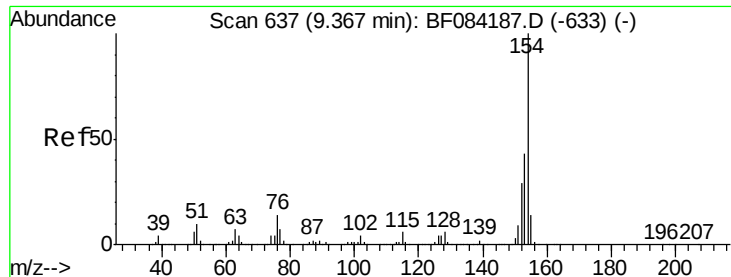
#44
 2-Fluorobiphenyl
 Concen: 93.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

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

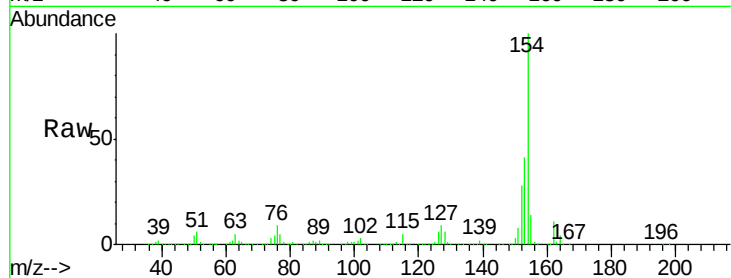
Tot Ion:154 Resp: 1759791

Ion Ratio Lower Upper

154 100

153 41.1 21.6 61.6

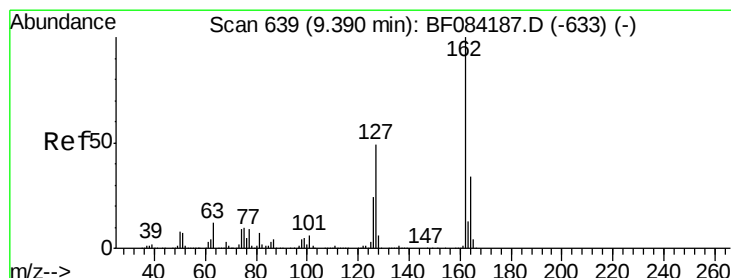
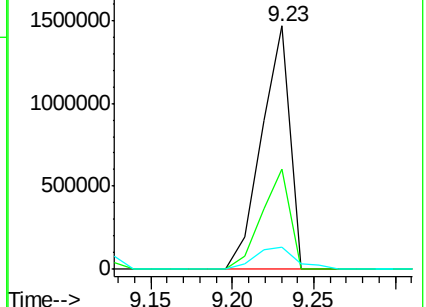
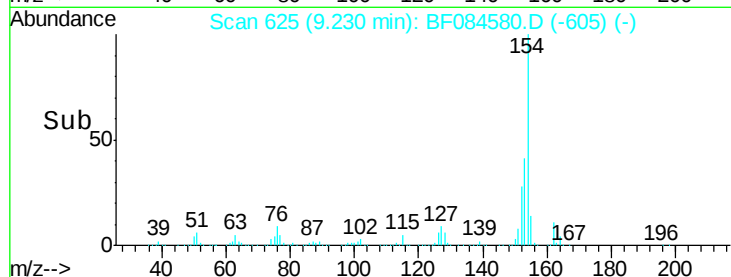
76 9.2 0.0 32.7



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

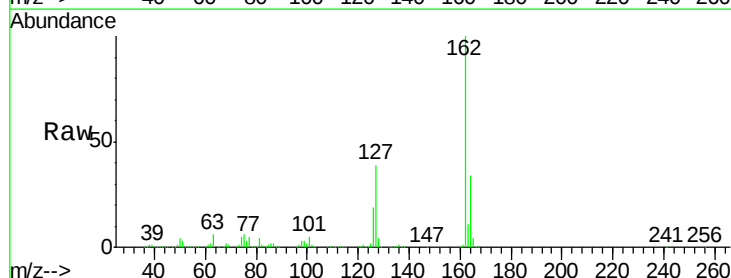
Tgt Ion:162 Resp: 1311308

Ion Ratio Lower Upper

162 100

127 39.2 40.2 60.4#

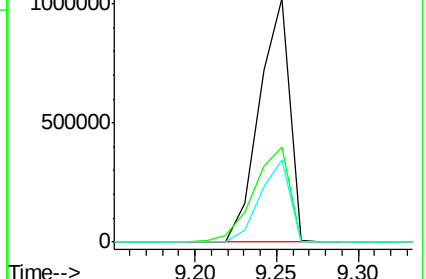
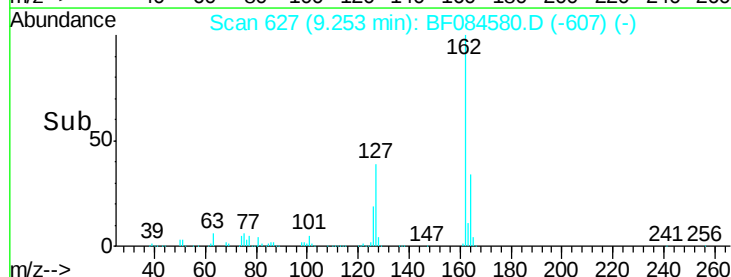
164 33.7 25.7 38.5

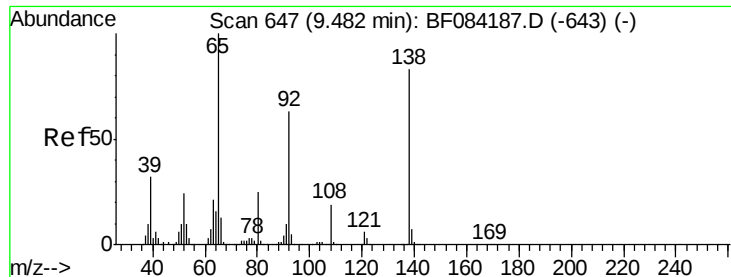


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

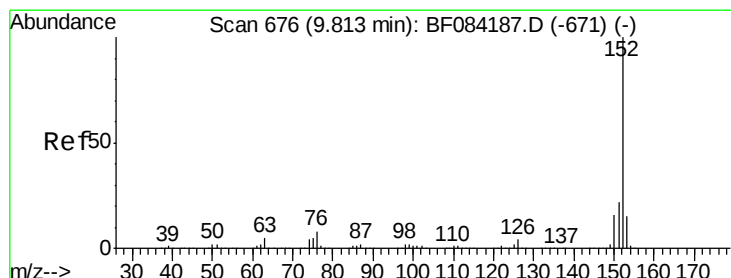
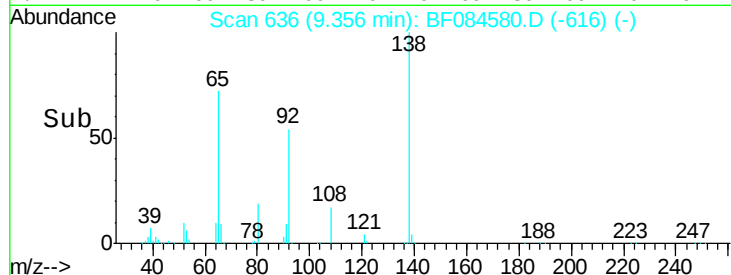
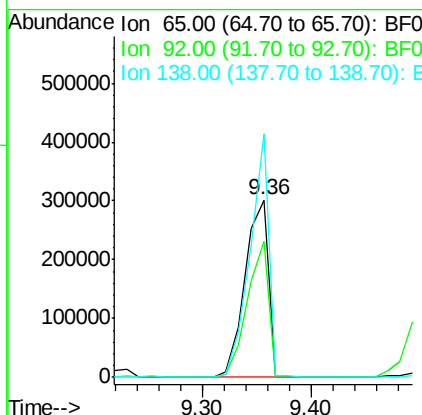
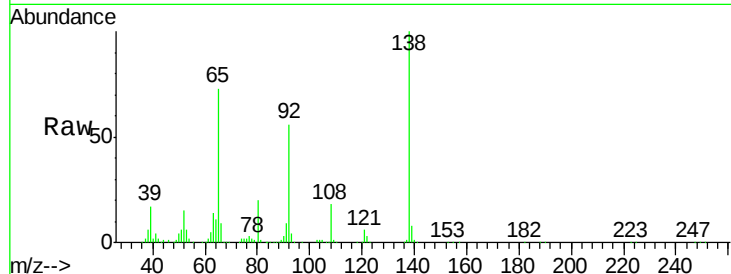




#47
2-Nitroaniline
Concen: 47.93 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

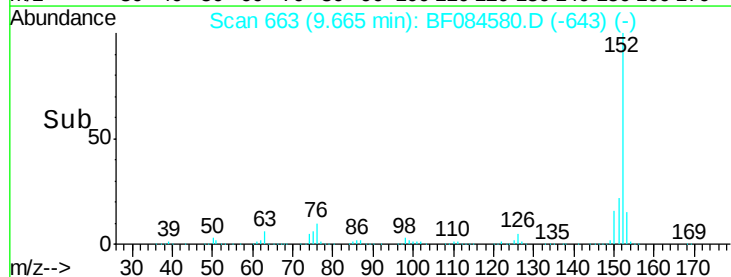
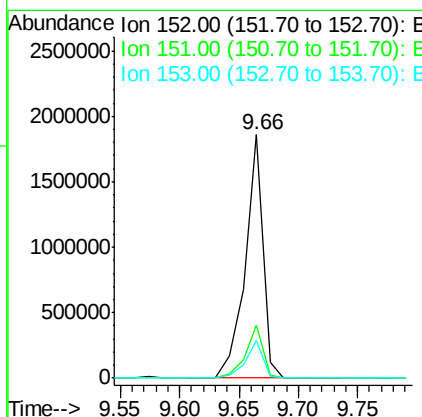
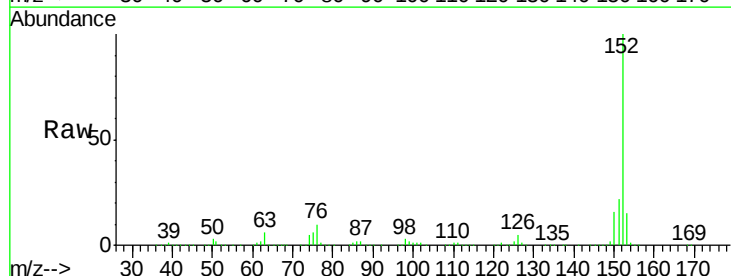
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

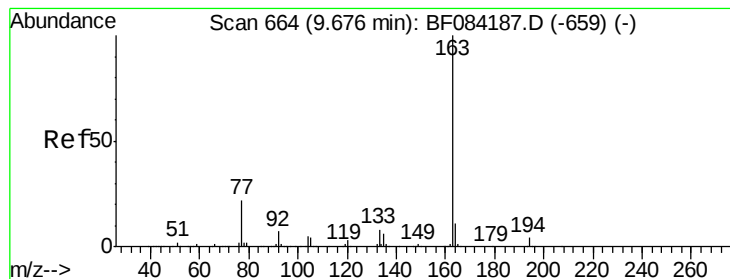
Tot Ion: 65 Resp: 448506
Ion Ratio Lower Upper
65 100
92 76.8 53.4 80.2
138 137.1 71.1 106.7#



#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





#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

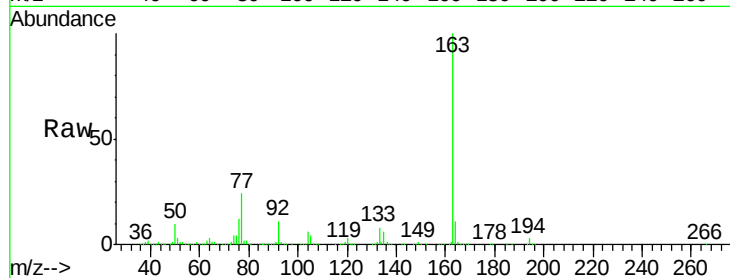
Tot Ion:163 Resp: 1511069

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

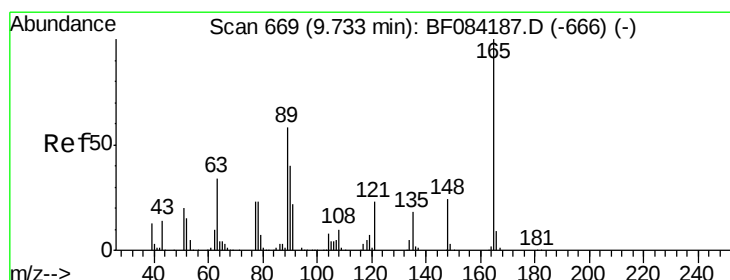
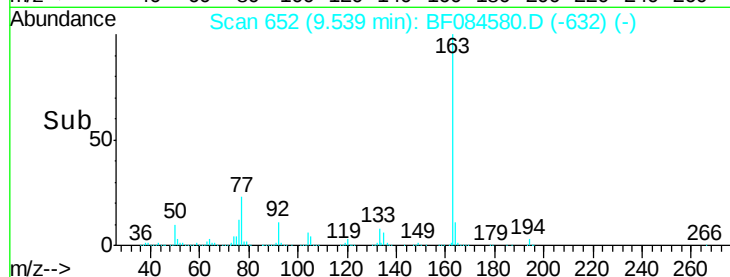
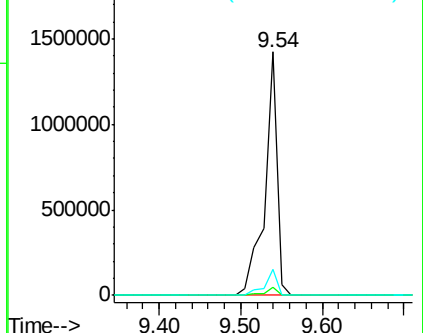
164 10.9 8.0 12.0



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

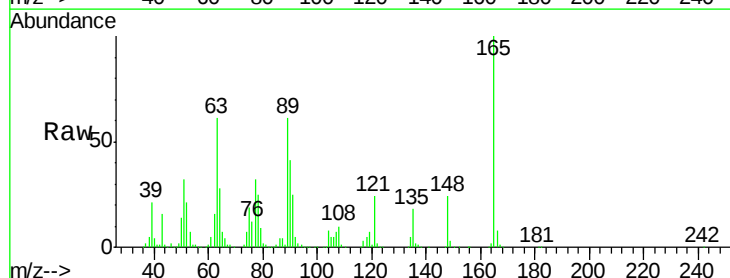
Tgt Ion:165 Resp: 350753

Ion Ratio Lower Upper

165 100

63 61.4 28.8 43.2#

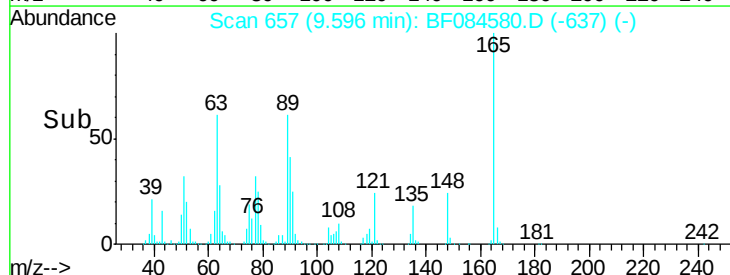
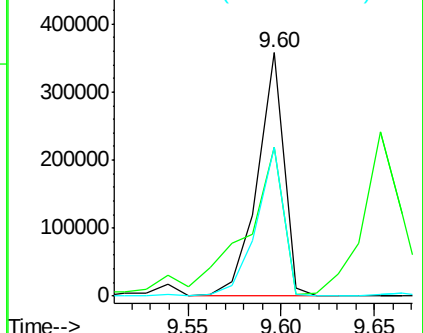
89 61.2 35.1 52.7#

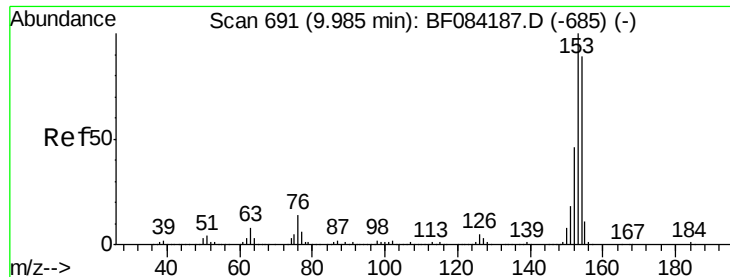


Abundance Ion 165.00 (164.70 to 165.70): E

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

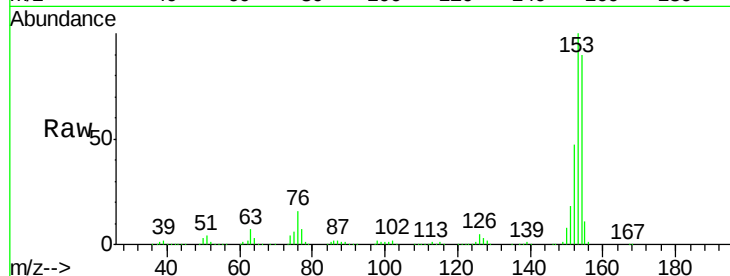
Tot Ion:154 Resp: 1354109

Ion Ratio Lower Upper

154 100

153 111.0 91.5 137.3

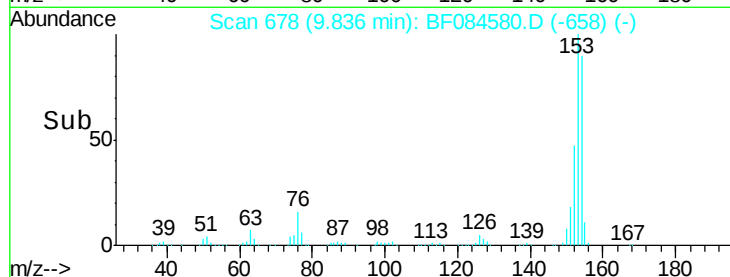
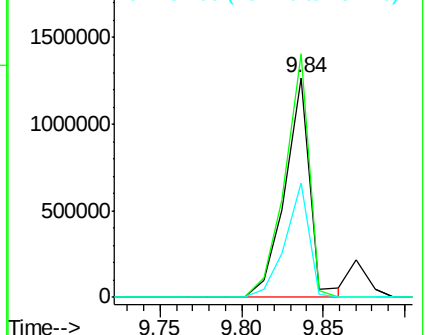
152 52.2 43.0 64.6



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

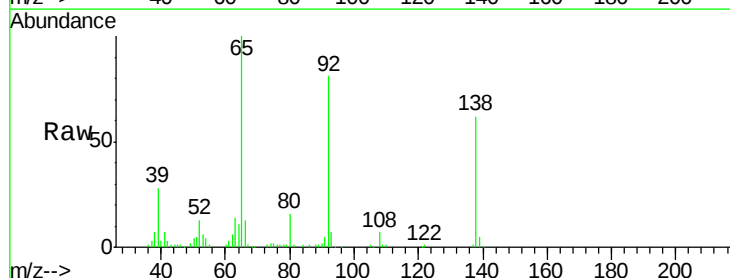
Tgt Ion:138 Resp: 90999

Ion Ratio Lower Upper

138 100

108 12.1 10.5 15.7

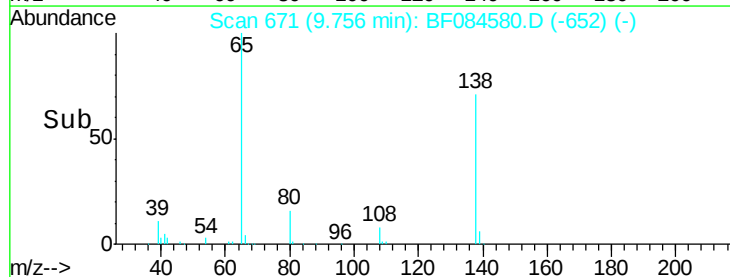
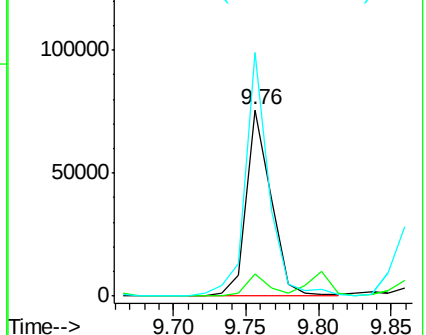
92 130.5 103.9 155.9



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

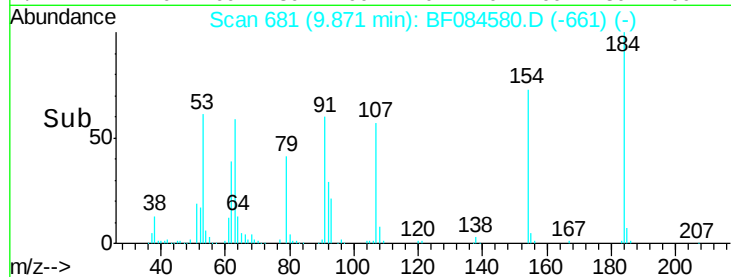
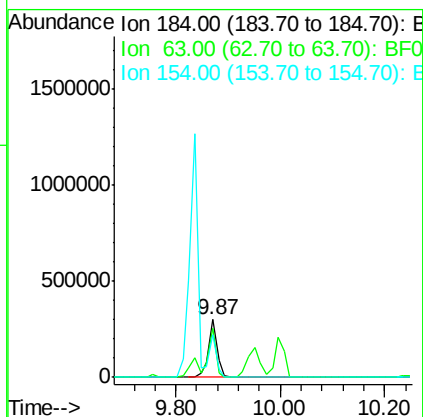
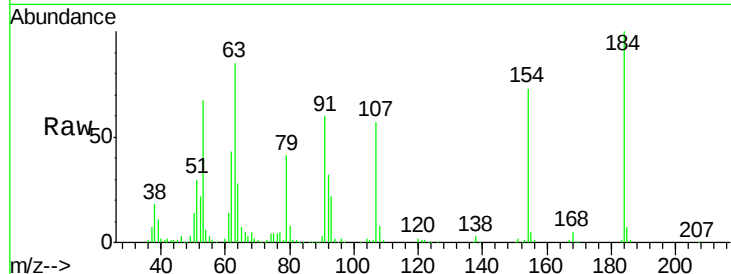




#53
2,4-Dinitrophenol
Concen: 114.52 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

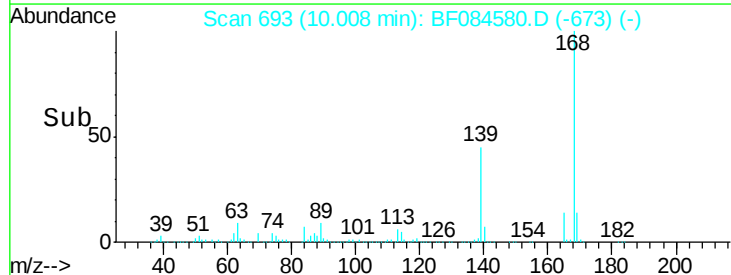
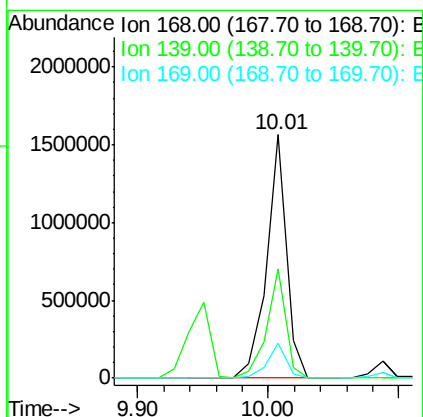
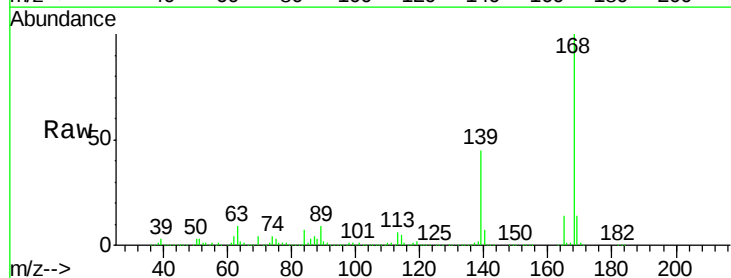
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

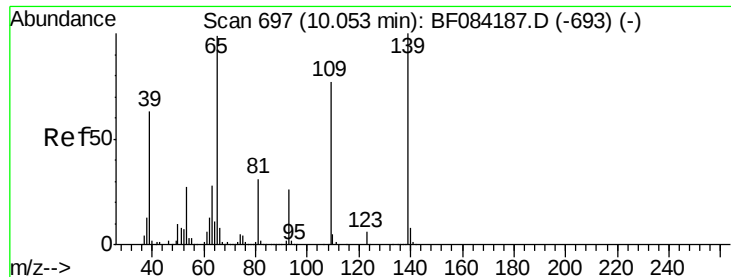
Tot Ion:184 Resp: 352211
Ion Ratio Lower Upper
184 100
63 84.7 43.1 64.7#
154 73.4 60.5 90.7



#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

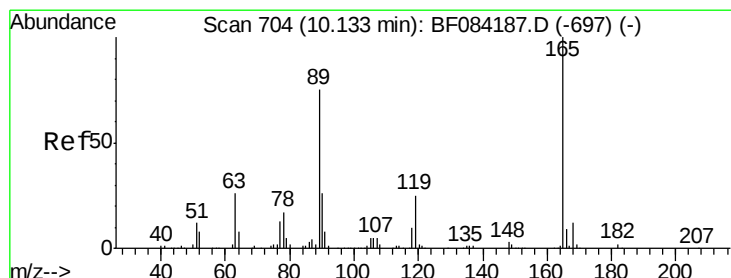
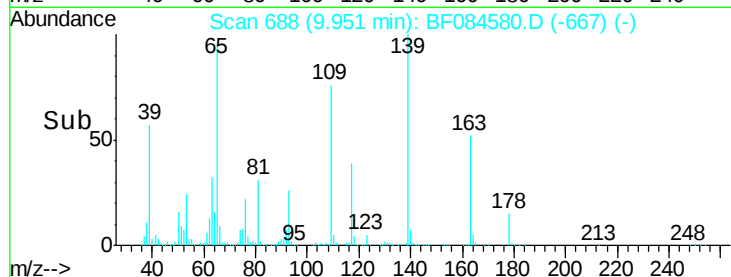
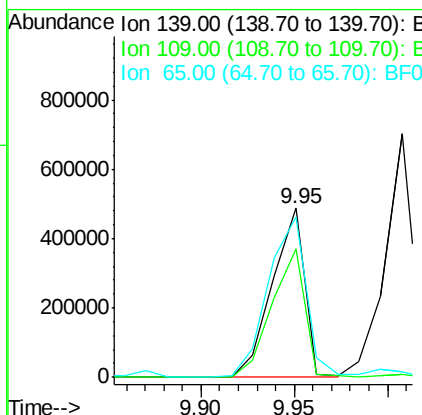
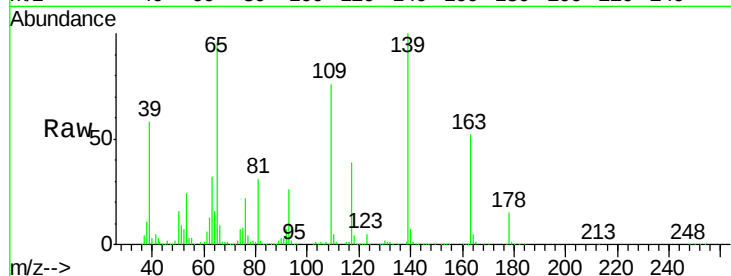




#55
4-Nitrophenol
Concen: 92.05 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

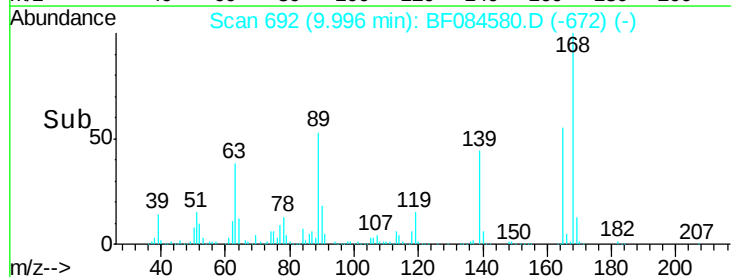
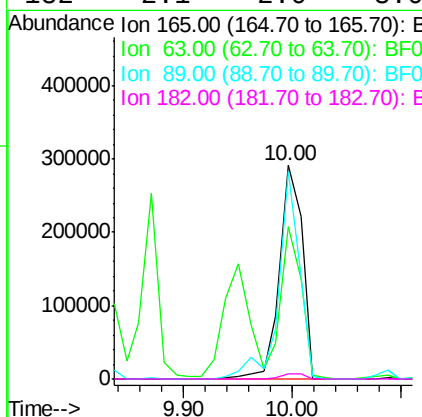
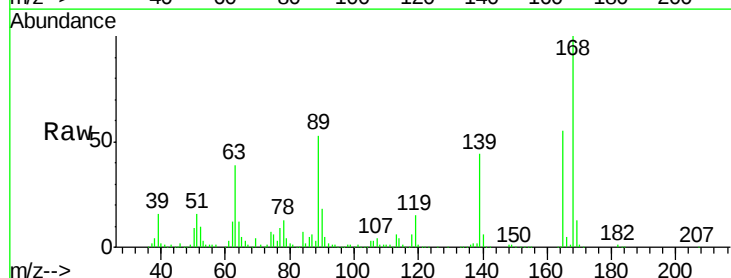
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion:139 Resp: 589511
Ion Ratio Lower Upper
139 100
109 75.9 58.5 98.5
65 94.8 57.6 97.6



#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





#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

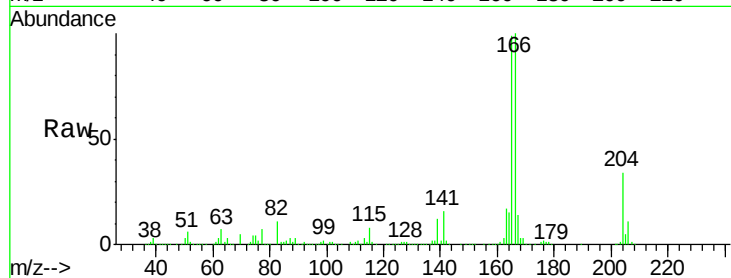
Tot Ion:166 Resp: 1346454

Ion Ratio Lower Upper

166 100

165 99.4 79.1 118.7

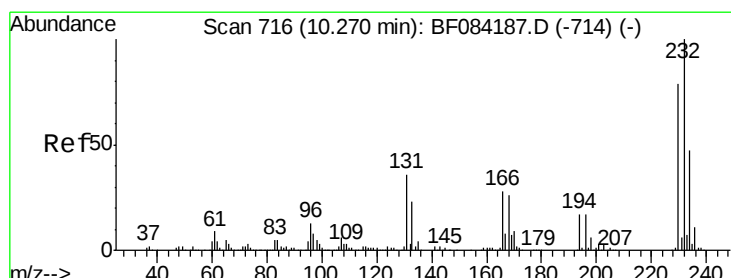
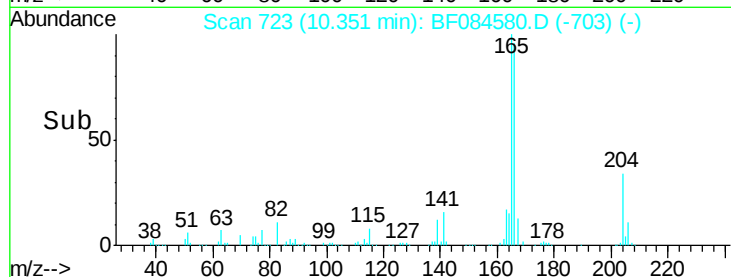
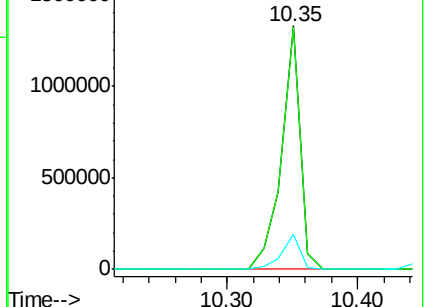
167 14.2 10.4 15.6



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

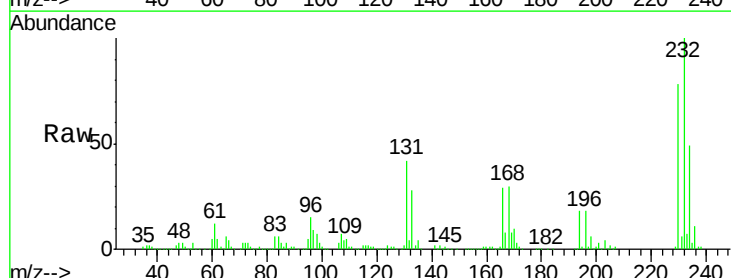
Ion Ratio Lower Upper

232 100

131 48.7 47.0 70.6

130 2.3 2.0 3.0

166 31.1 30.5 45.7

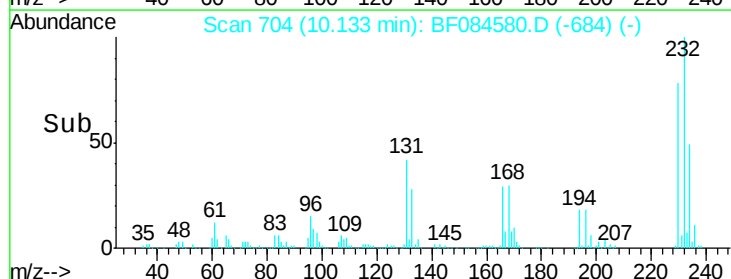
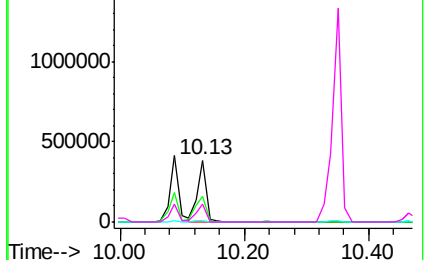


Abundance Ion 232.00 (231.70 to 232.70): E

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

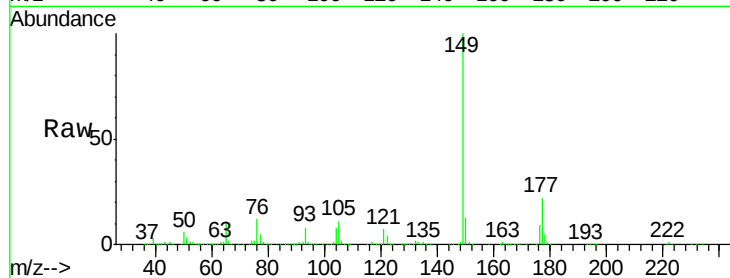
Tot Ion:149 Resp: 1471732

Ion Ratio Lower Upper

149 100

177 22.4 17.3 25.9

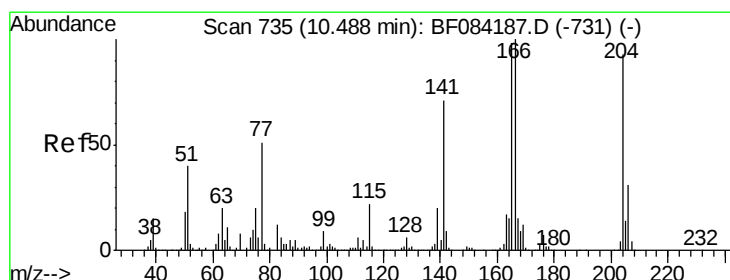
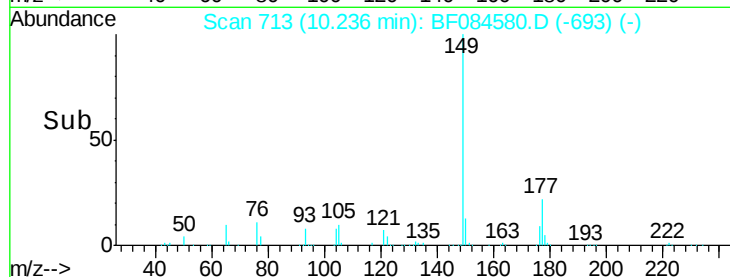
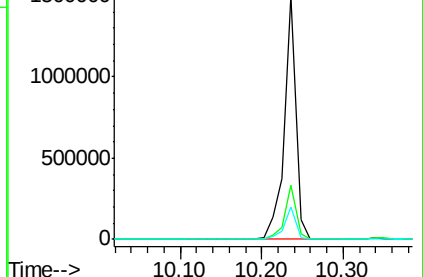
150 13.2 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#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

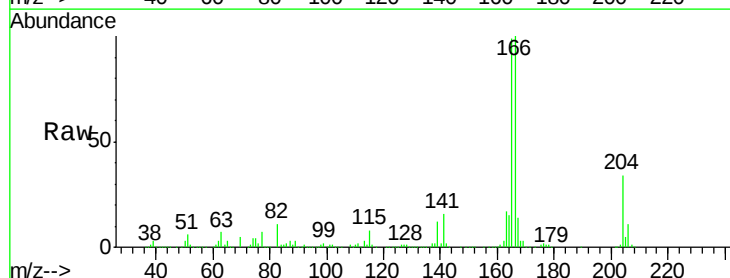
Tgt Ion:204 Resp: 624091

Ion Ratio Lower Upper

204 100

206 32.7 25.7 38.5

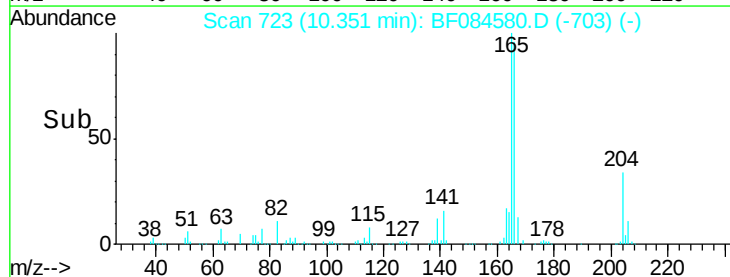
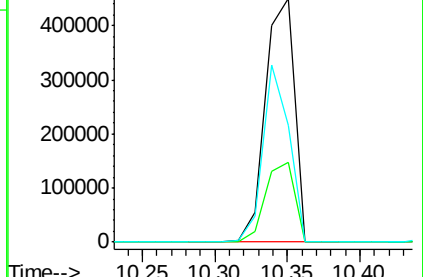
141 48.1 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

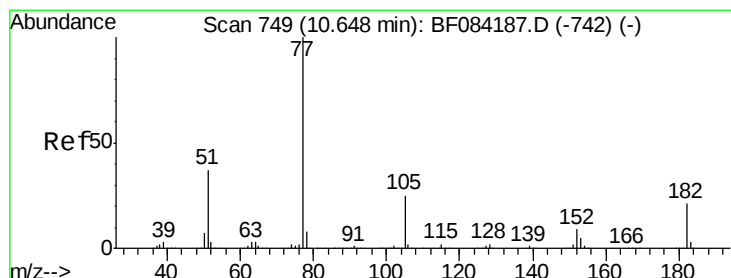
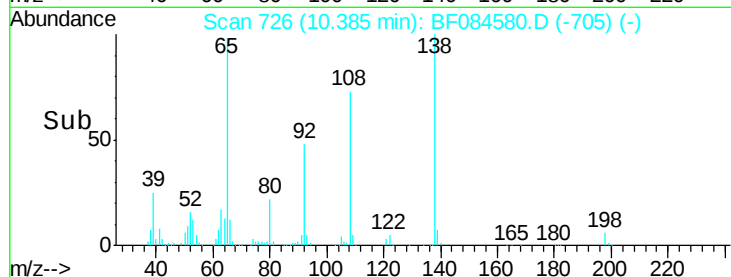
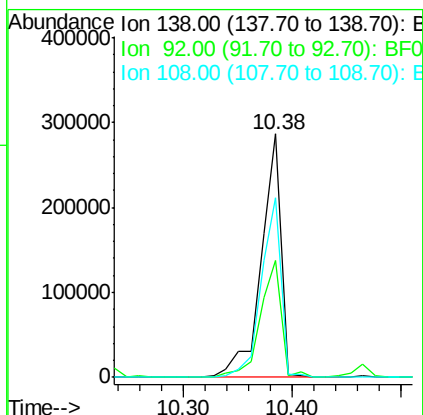
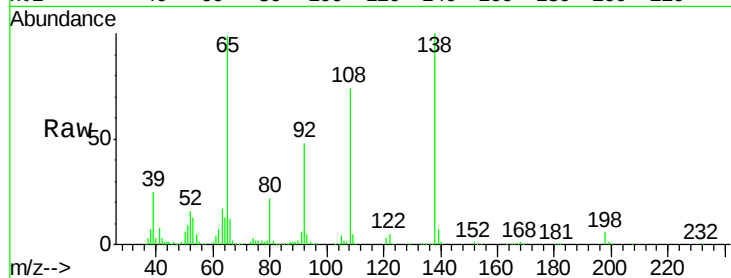




#61
4-Nitroaniline
Concen: 46.71 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.06 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

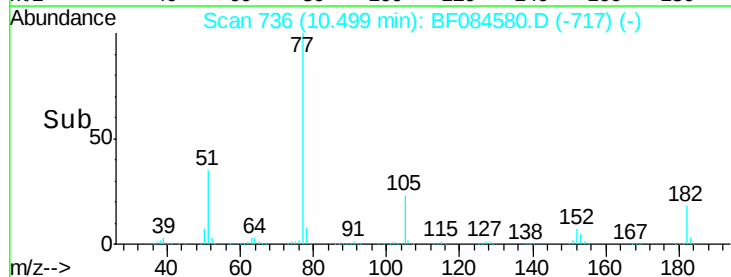
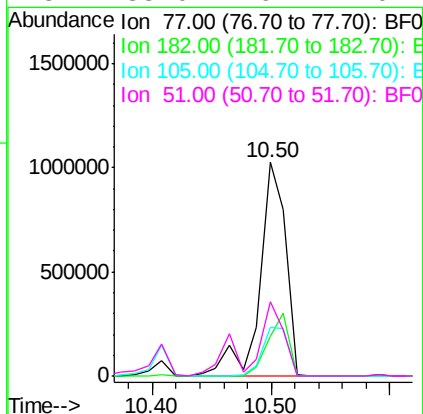
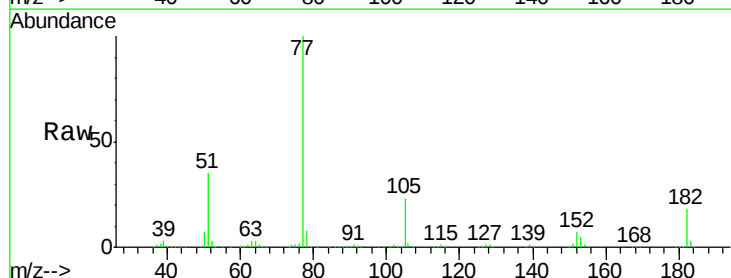
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

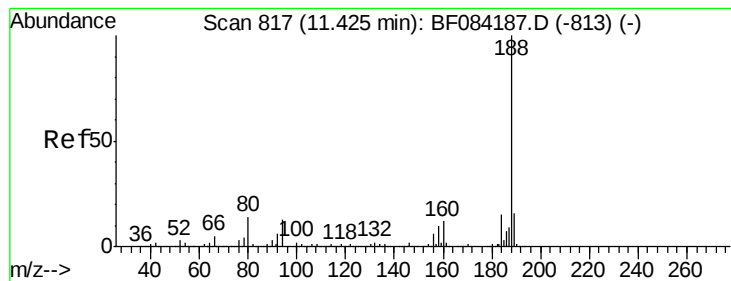
Tot Ion:138 Resp: 367379
Ion Ratio Lower Upper
138 100
92 48.0 32.6 72.6
108 73.6 68.6 108.6



#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

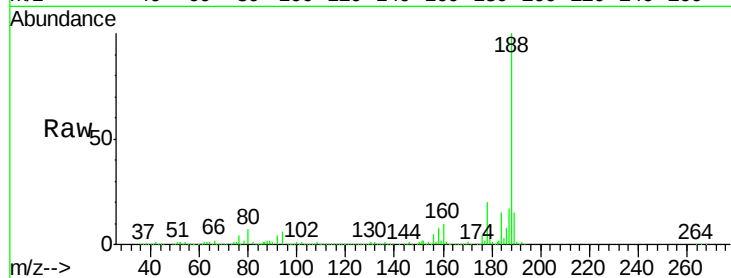
Tot Ion:188 Resp: 812051

Ion Ratio Lower Upper

188 100

94 6.2 9.0 13.4#

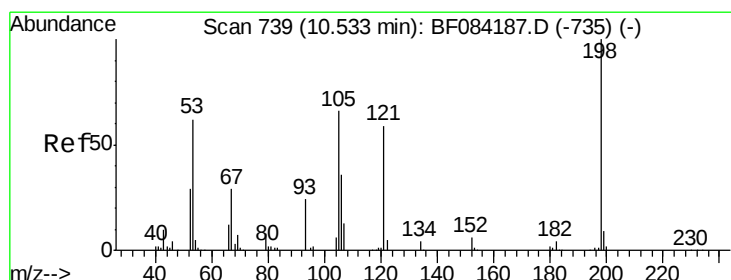
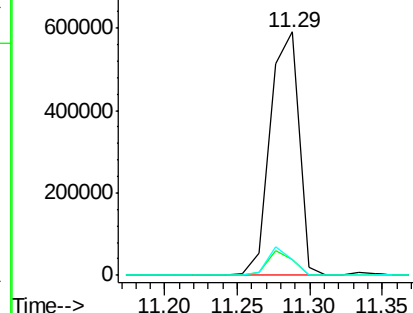
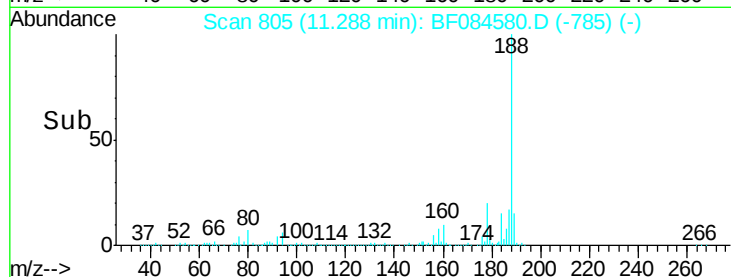
80 6.7 9.6 14.4#



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

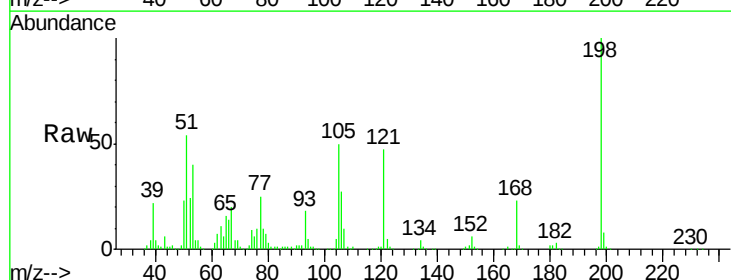
Tgt Ion:198 Resp: 257486

Ion Ratio Lower Upper

198 100

51 53.7 18.9 58.9

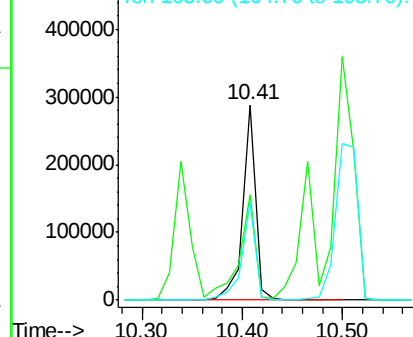
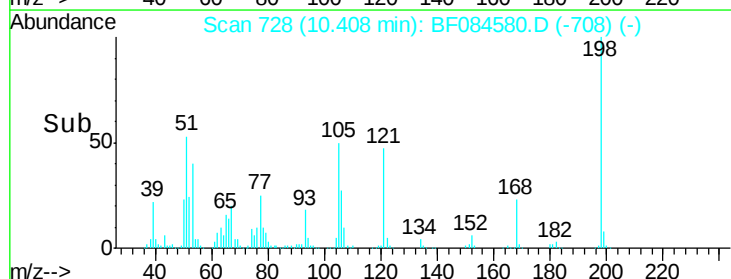
105 50.2 26.4 66.4

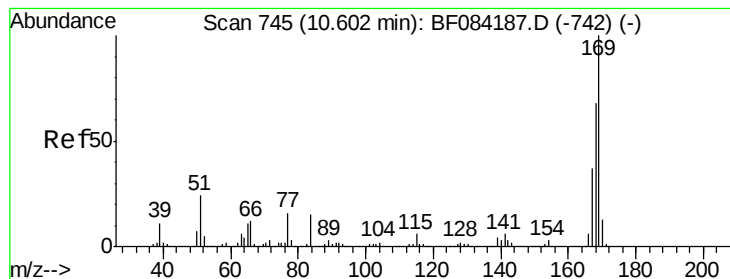


Abundance Ion 198.00 (197.70 to 198.70): E

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

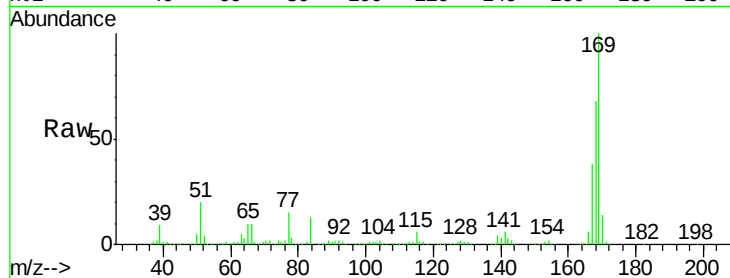
Tot Ion:169 Resp: 1139936

Ion Ratio Lower Upper

169 100

168 68.4 55.1 82.7

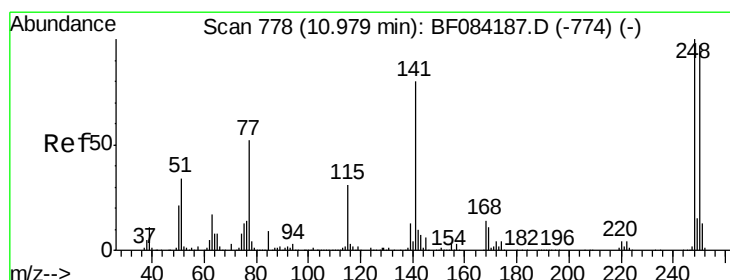
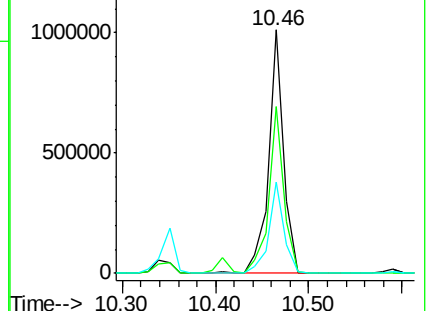
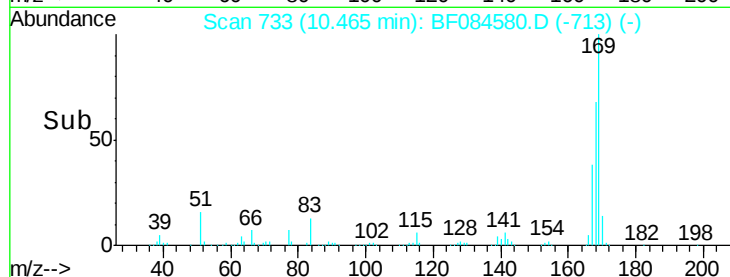
167 37.7 30.0 45.0



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

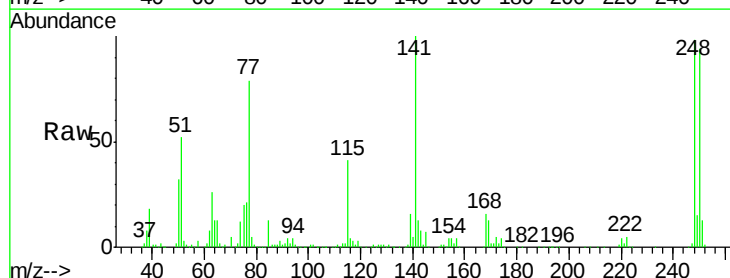
Tgt Ion:248 Resp: 389616

Ion Ratio Lower Upper

248 100

250 95.3 78.4 117.6

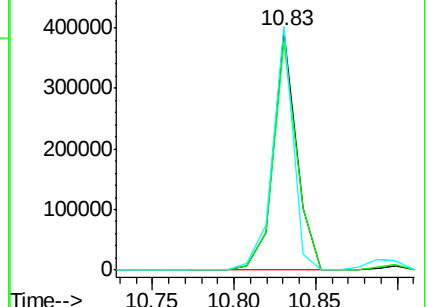
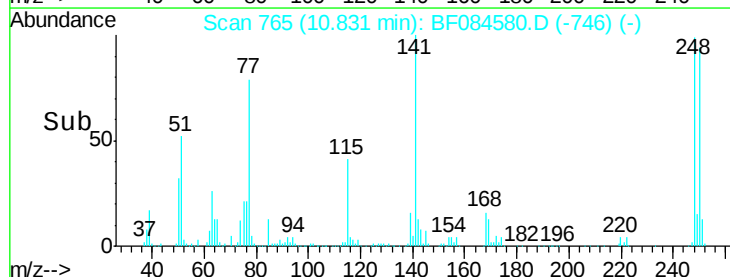
141 101.6 44.0 66.0#

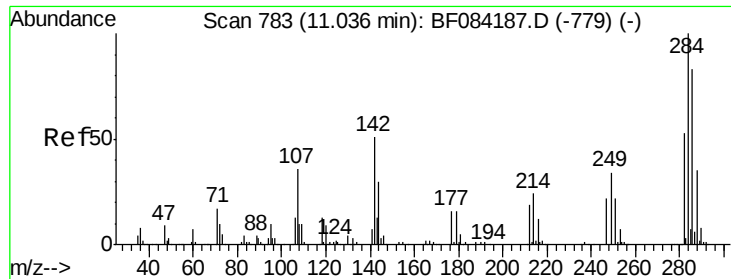


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

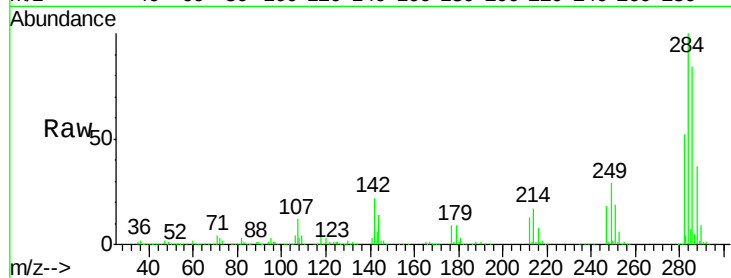




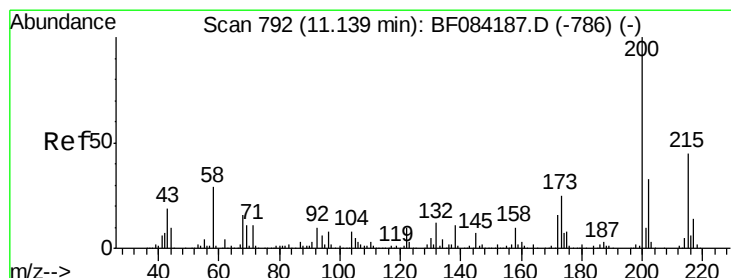
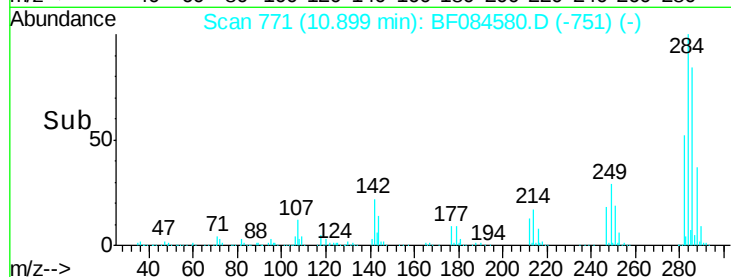
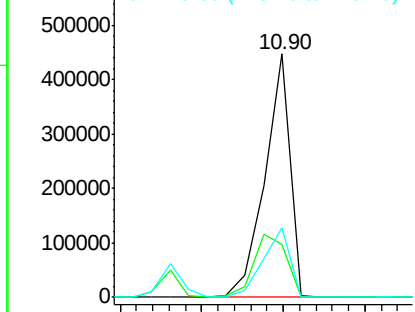
#67
Hexachlorobenzene
Concen: 48.80 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

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

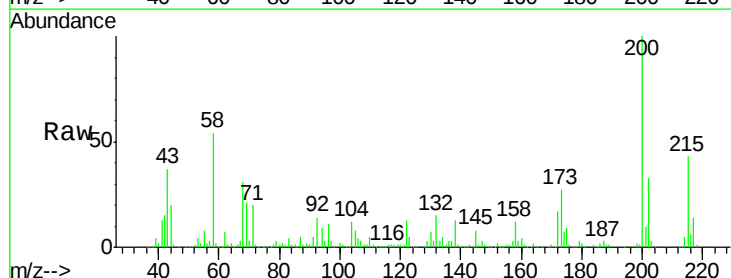


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

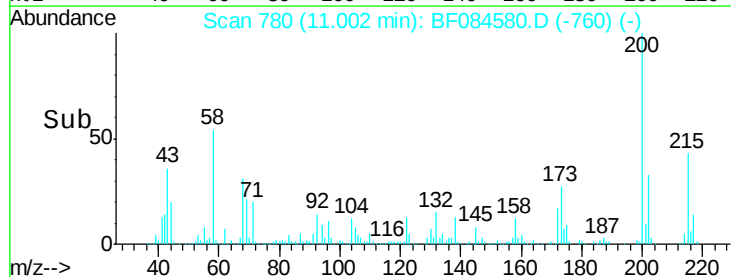
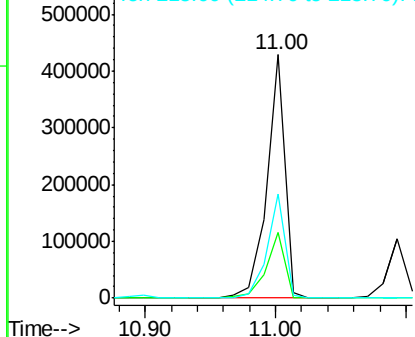


#68
Atrazine
Concen: 48.54 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

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

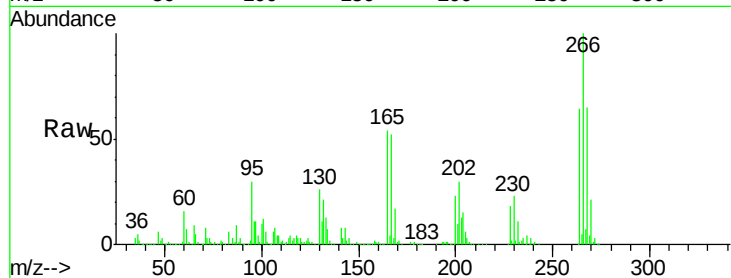
Tot Ion:266 Resp: 464630

Ion Ratio Lower Upper

266 100

268 64.6 52.4 78.6

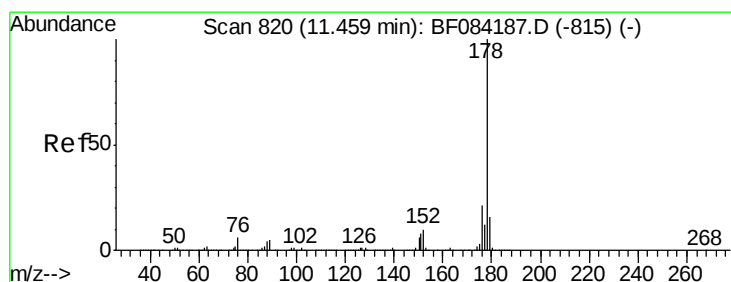
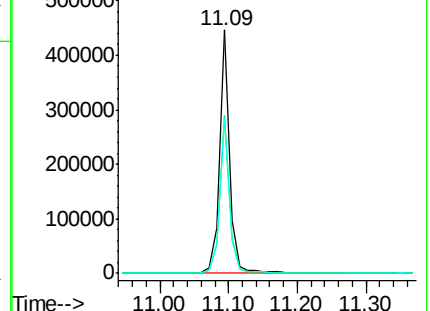
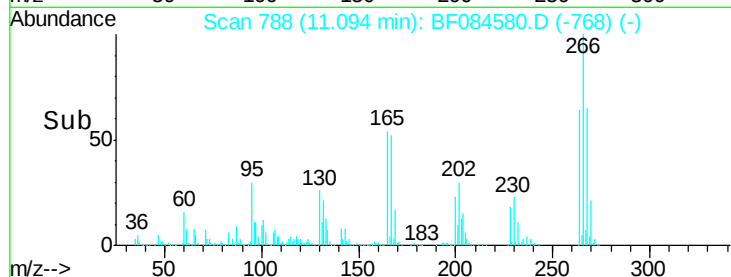
264 64.0 50.2 75.2



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

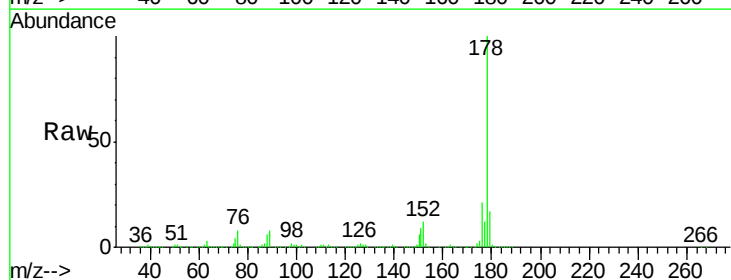
Tgt Ion:178 Resp: 2148042

Ion Ratio Lower Upper

178 100

176 21.4 15.3 22.9

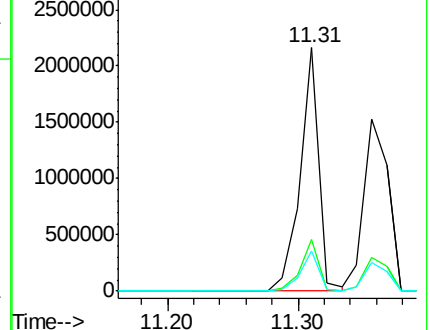
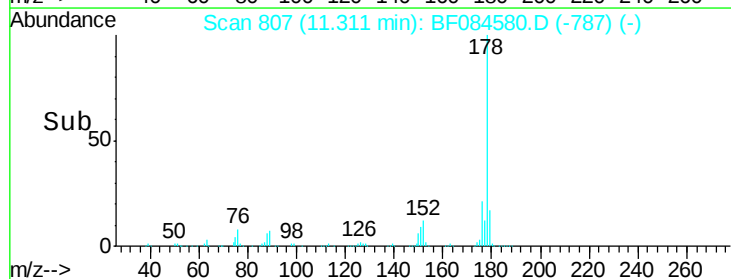
179 16.6 12.0 18.0

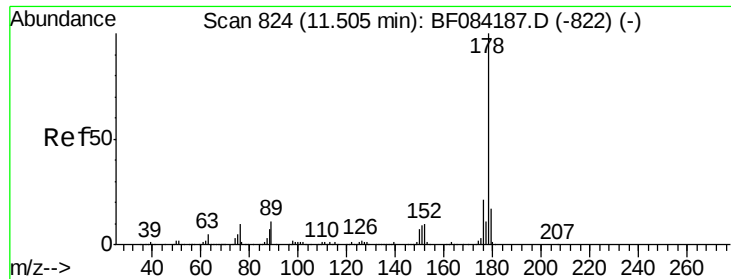


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

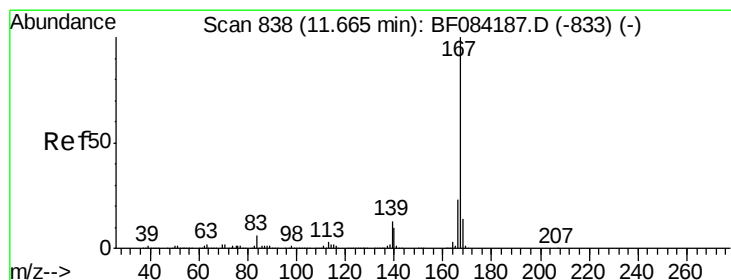
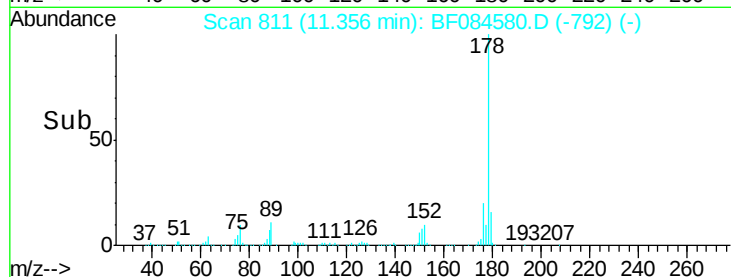
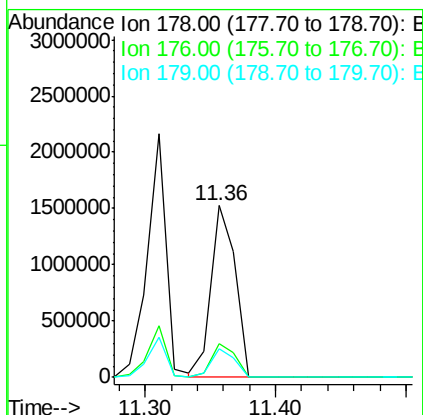
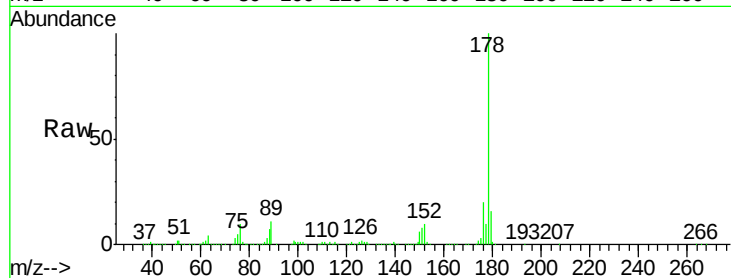




#71
 Anthracene
 Concen: 47.73 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

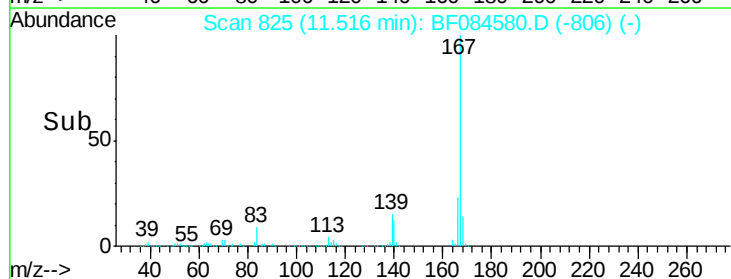
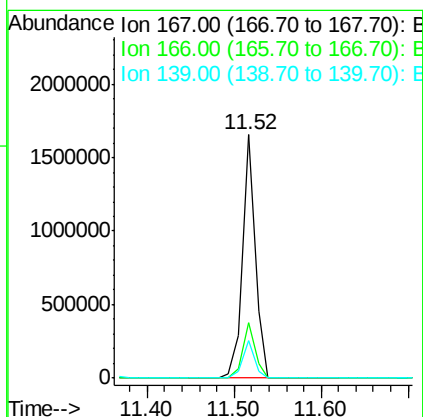
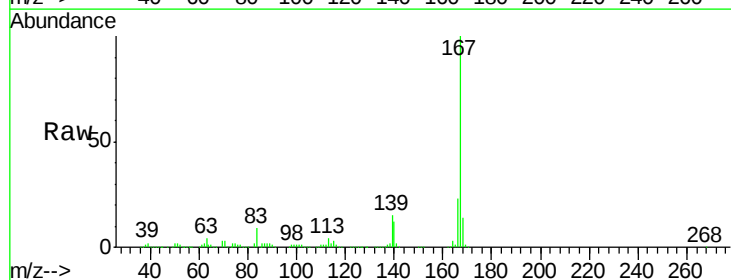
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

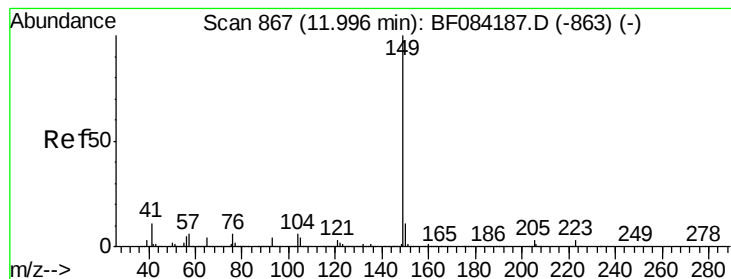
Tot Ion:178 Resp: 1987479
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.0
 179 16.5 12.5 18.7



#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

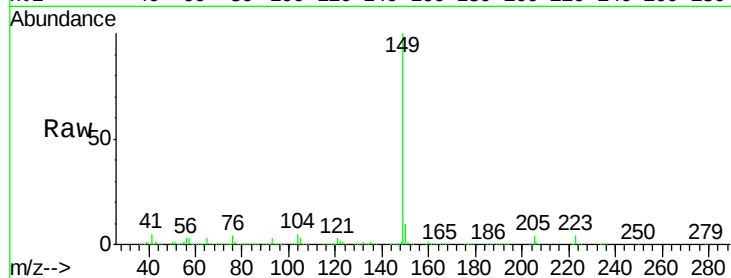
Tot Ion:149 Resp: 2390421

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

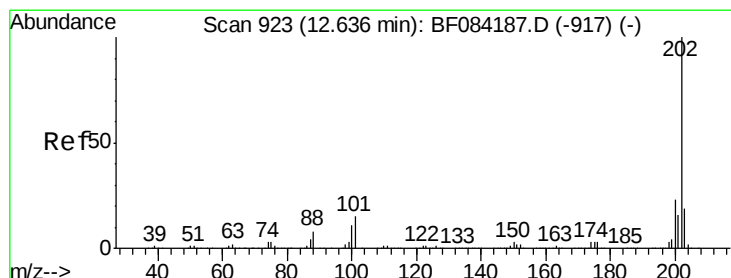
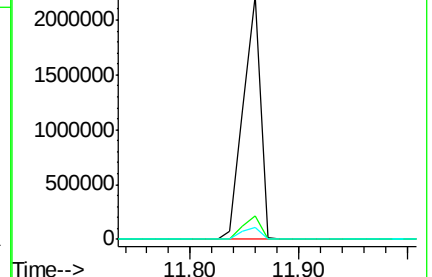
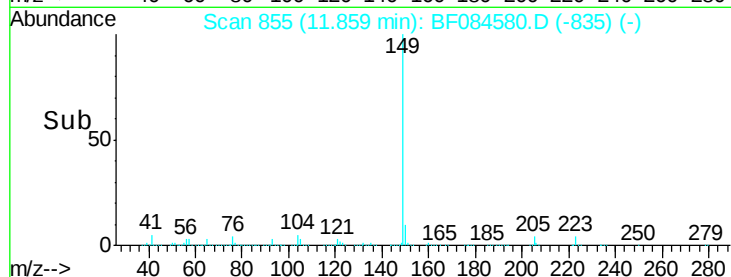
104 4.7 3.2 4.8



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

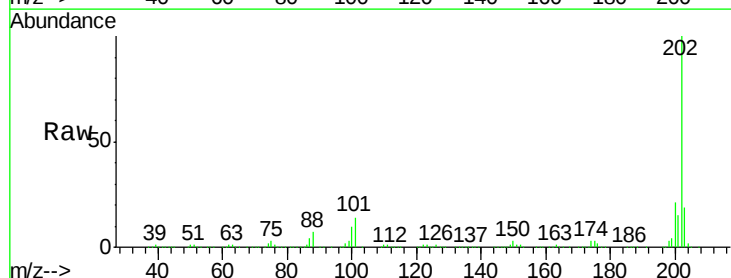
Tgt Ion:202 Resp: 2132503

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

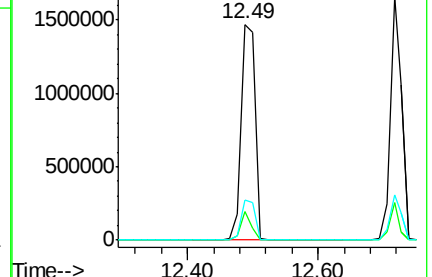
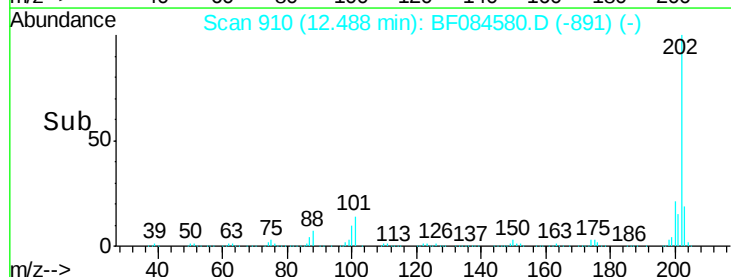
203 18.5 0.0 37.9

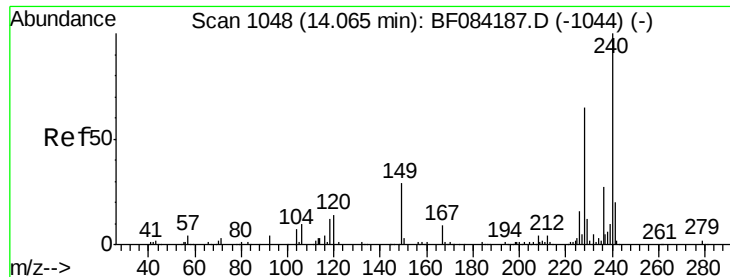


Abundance Ion 202.00 (201.70 to 202.70): E

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

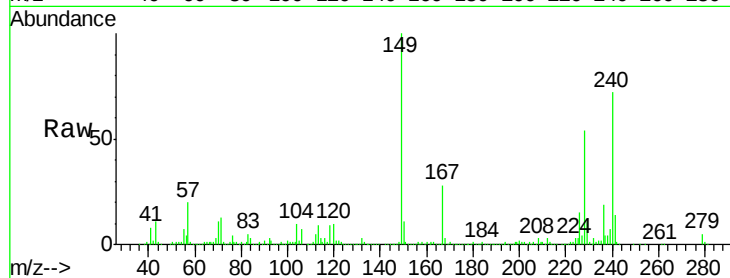
Tot Ion:240 Resp: 569135

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

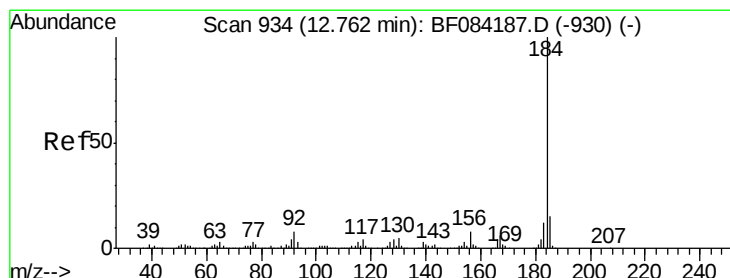
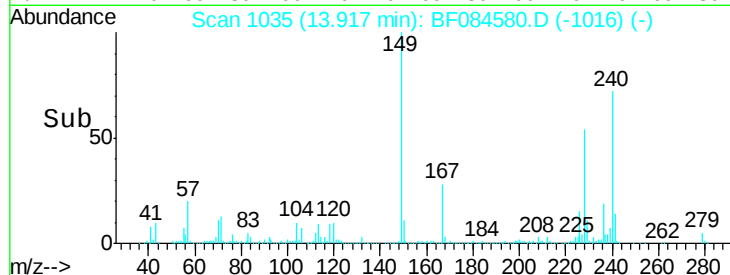
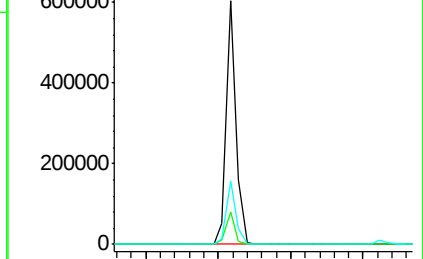
236 25.8 20.6 31.0



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

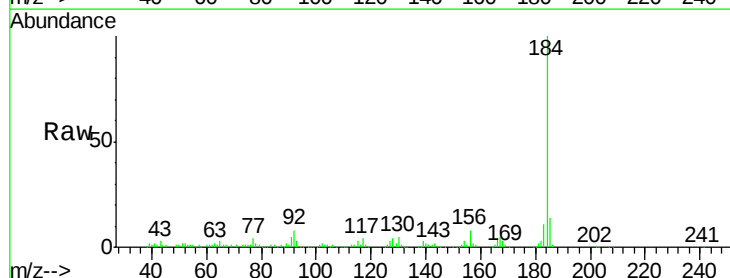
Tgt Ion:184 Resp: 239579

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

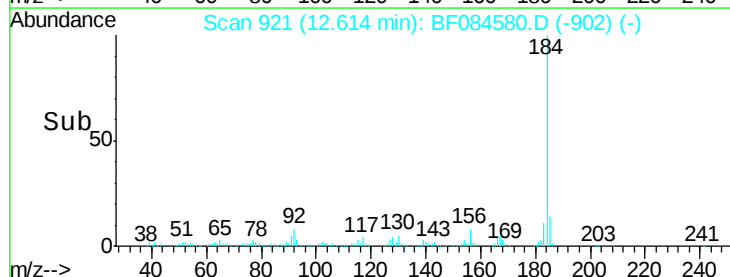
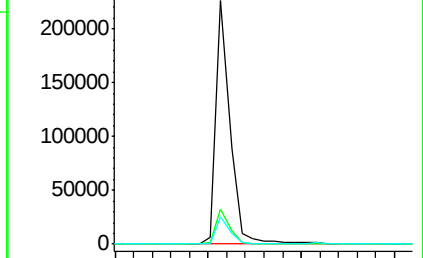
183 11.3 9.8 14.8

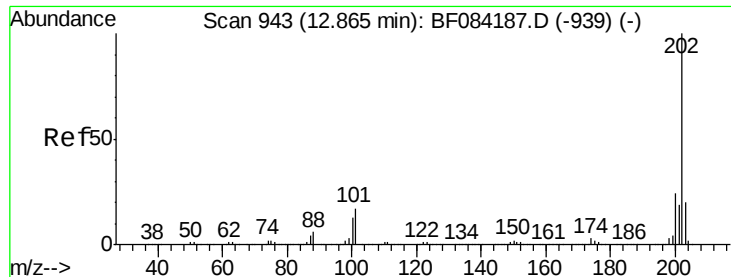


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

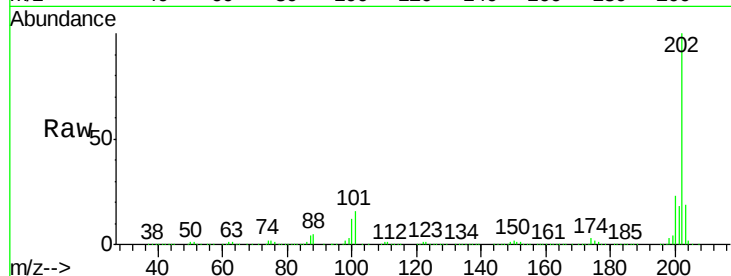




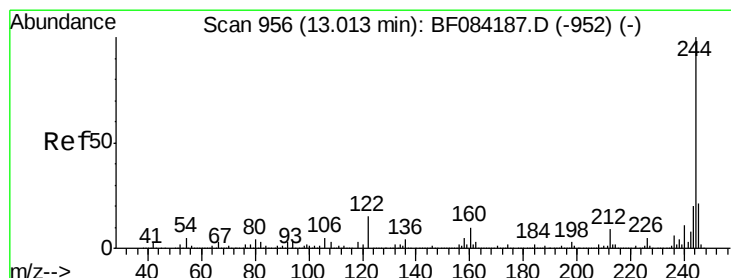
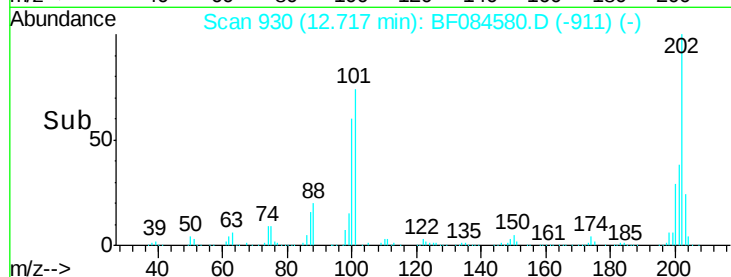
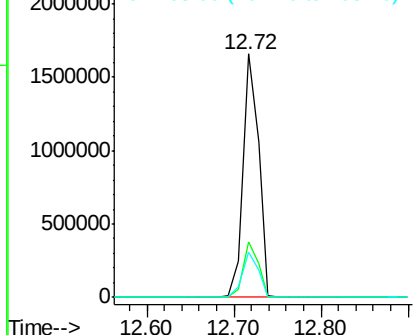
#77
Pvrene
Concen: 46.00 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.08 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

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

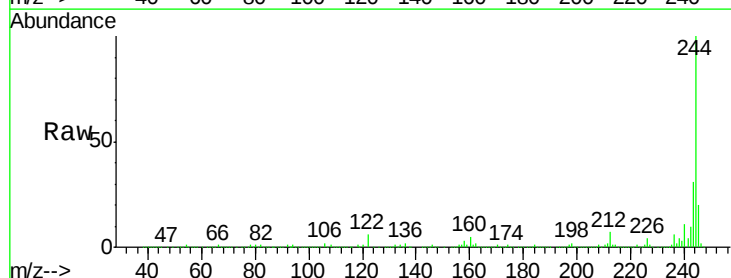


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

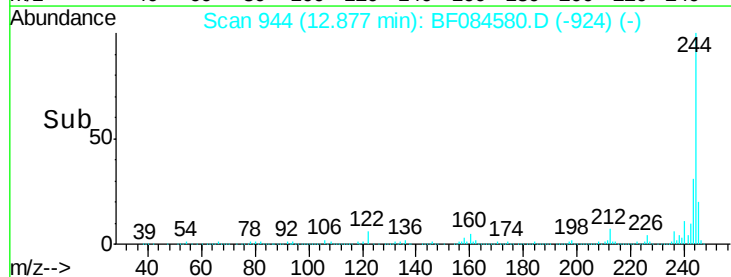
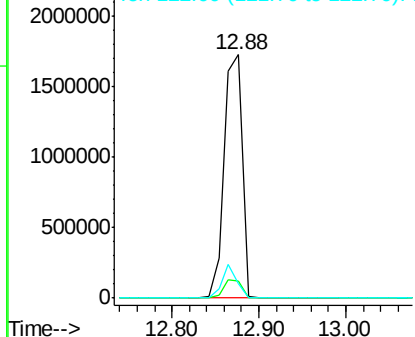


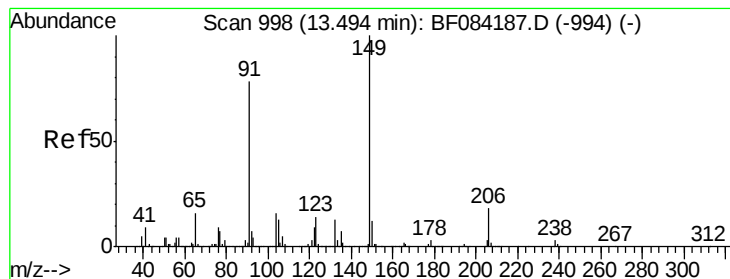
#78
Terphenyl-d14
Concen: 98.55 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.07 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

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

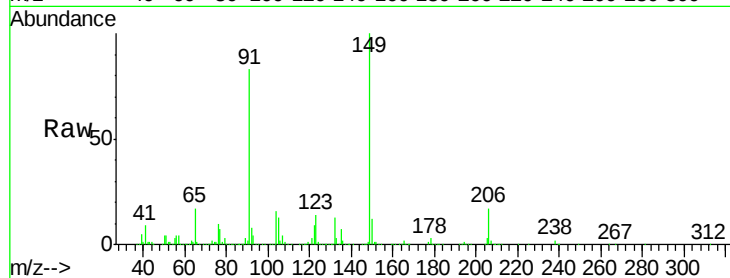
Tot Ion:149 Resp: 911229

Ion Ratio Lower Upper

149 100

91 83.5 57.6 86.4

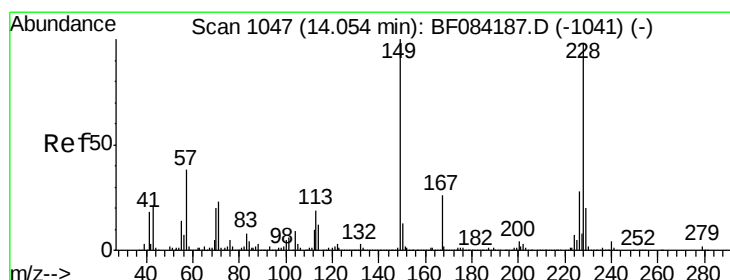
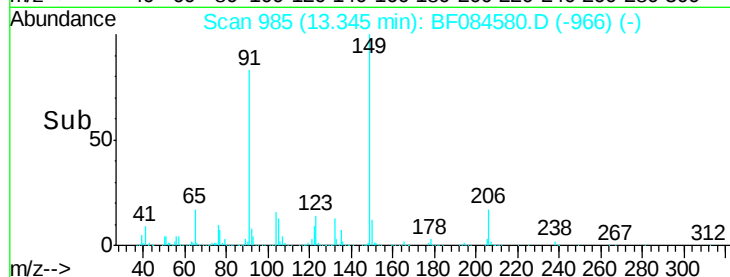
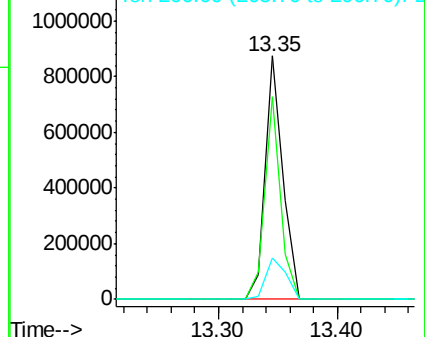
206 16.8 13.2 19.8



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

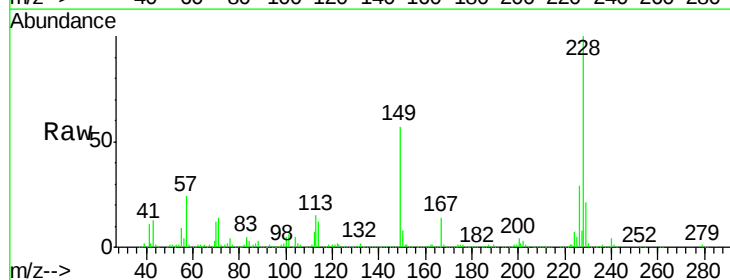
Tgt Ion:228 Resp: 1586043

Ion Ratio Lower Upper

228 100

226 28.8 21.8 32.6

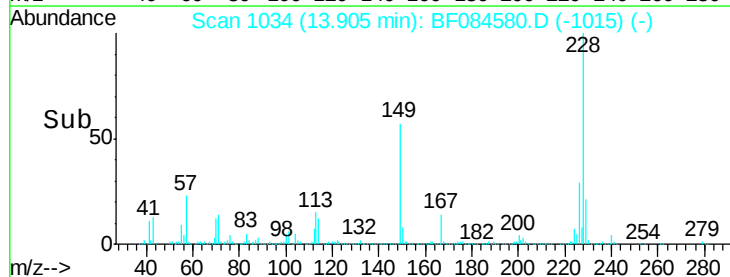
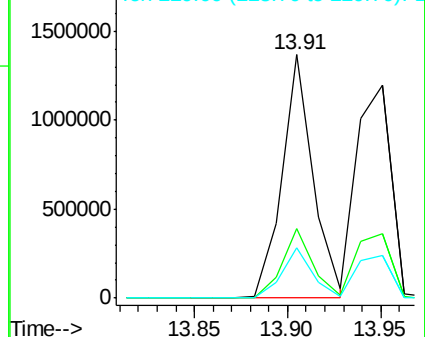
229 20.8 15.8 23.8

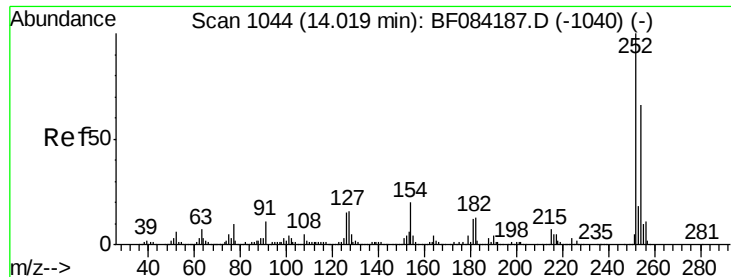


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

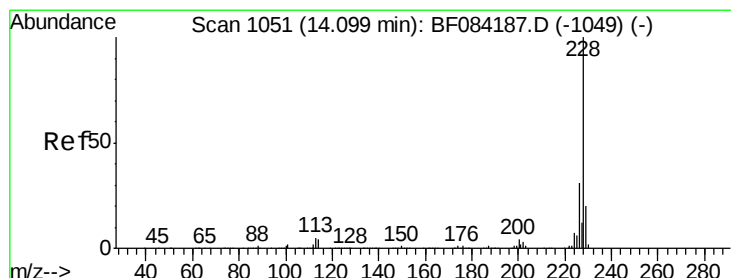
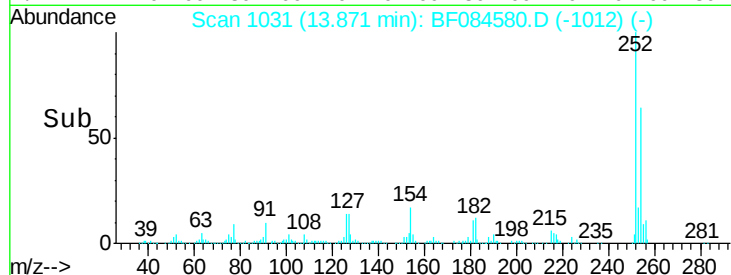
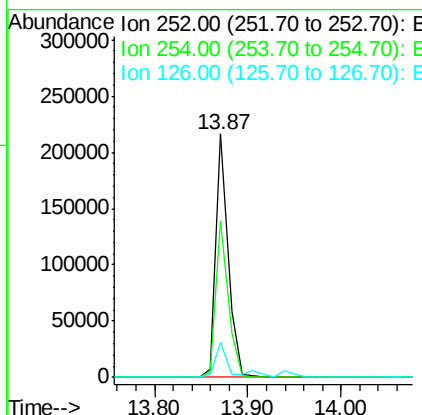
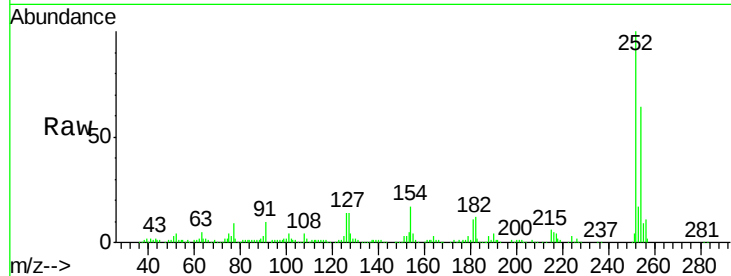




#81
 3,3'-Dichlorobenzidine
 Concen: 17.00 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.08 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

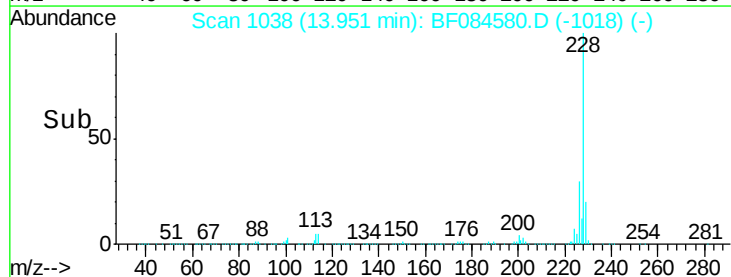
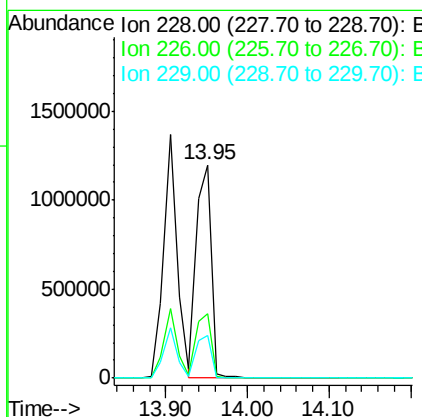
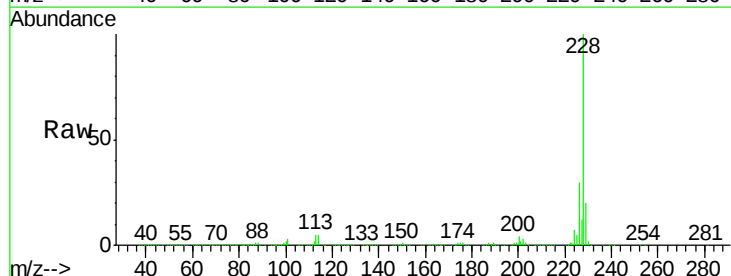
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot 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

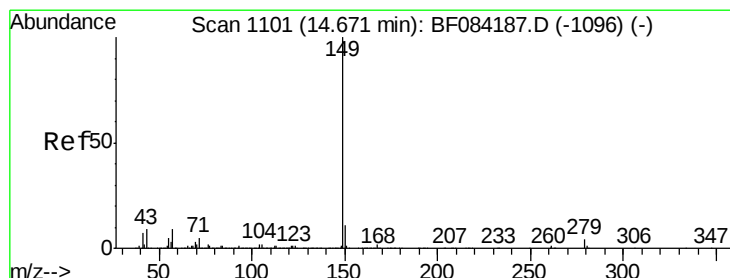
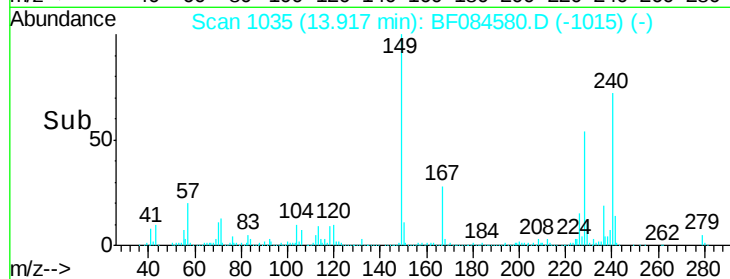
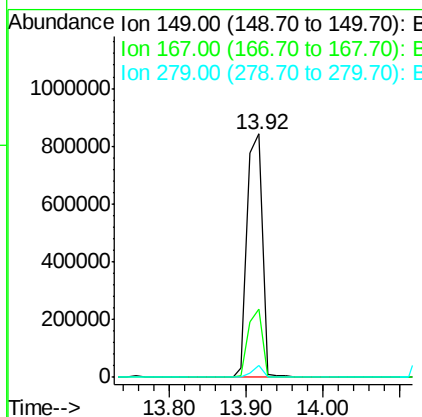
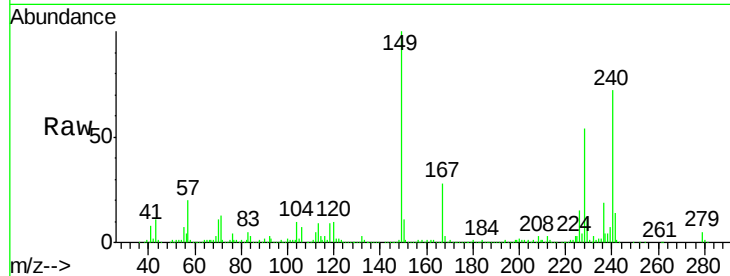




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.15 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

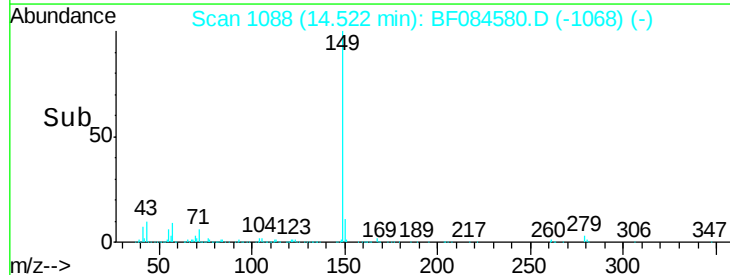
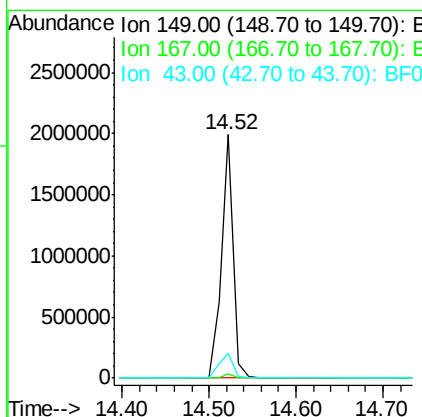
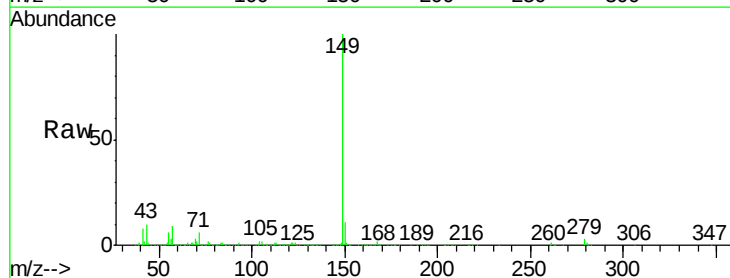
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot Ion:149 Resp: 1151297
 Ion Ratio Lower Upper
 149 100
 167 28.2 19.7 29.5
 279 4.7 1.8 2.6#



#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#

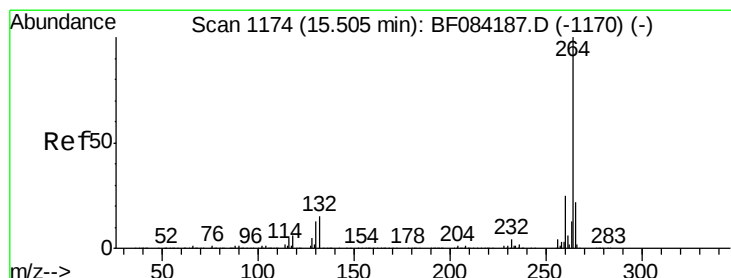
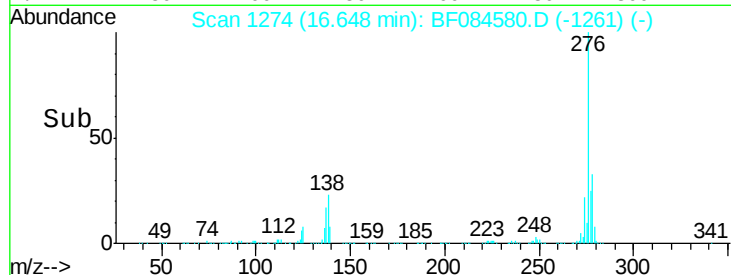
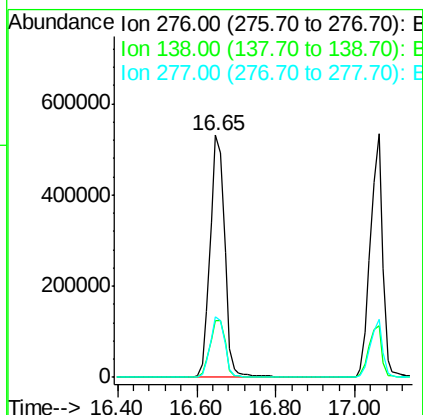
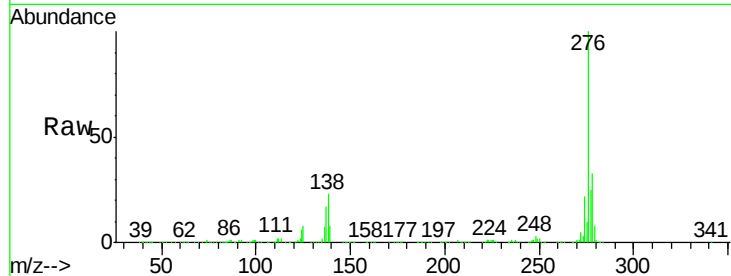




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.48 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.15 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

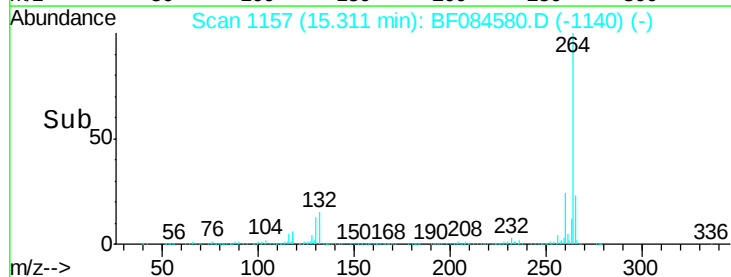
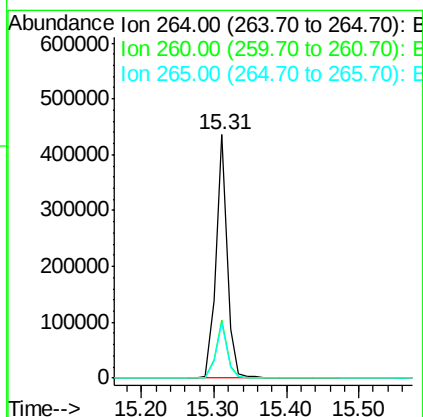
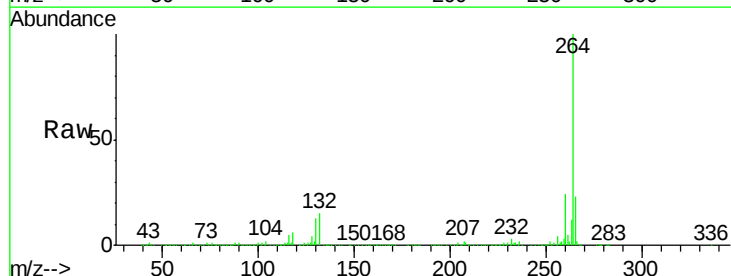
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

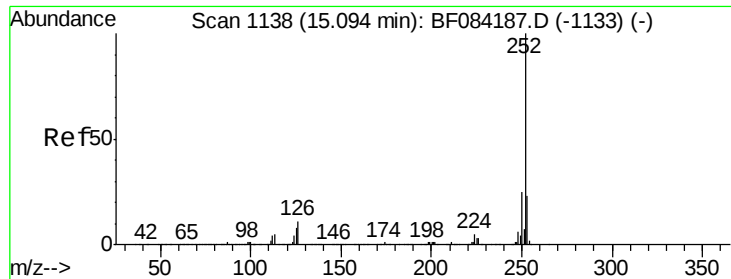
Tot Ion:276 Resp: 1335766
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.6 30.8
 277 25.3 20.1 30.1



#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

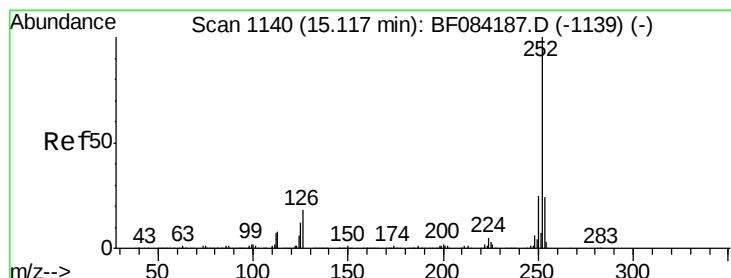
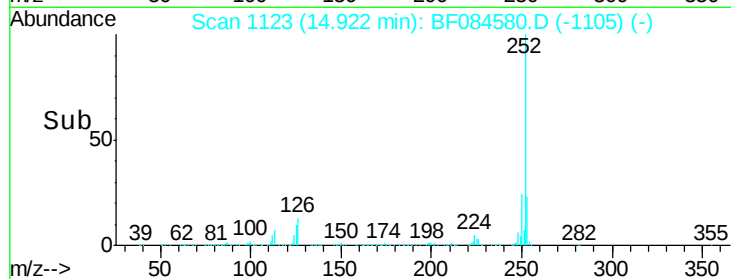
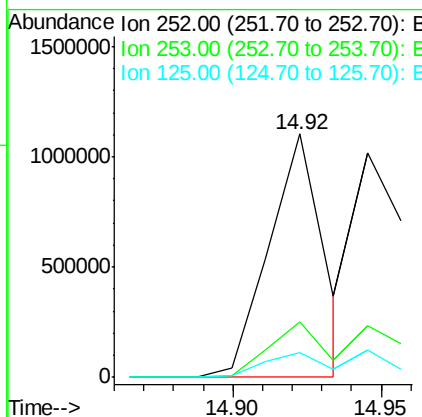
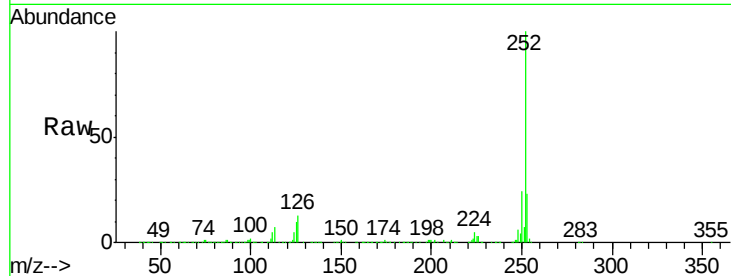




#87
Benzo(b)fluoranthene
Concen: 45.59 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.09 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

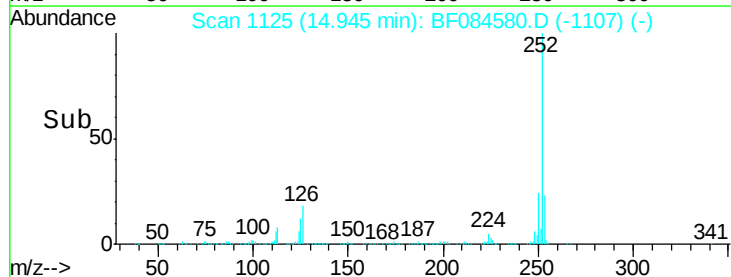
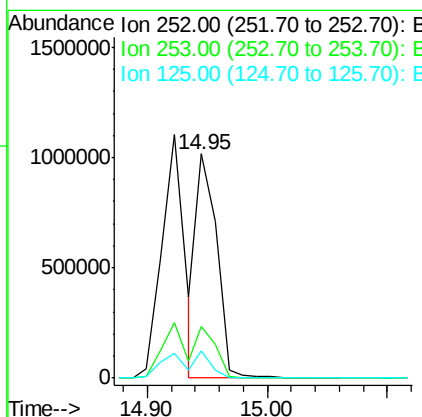
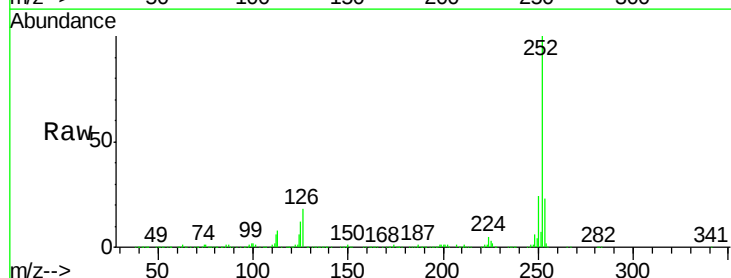
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

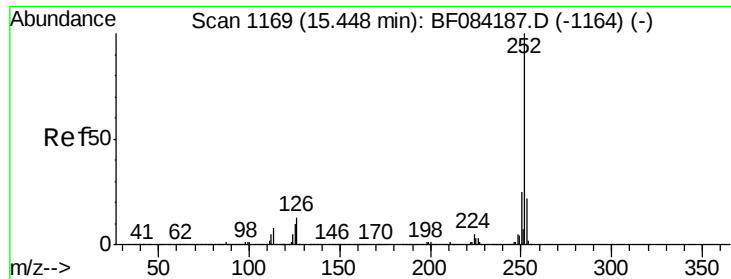
Tot Ion:252 Resp: 1404487
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.0 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 49.27 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.09 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

Tgt Ion:252 Resp: 1241459
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 12.2 9.0 13.6

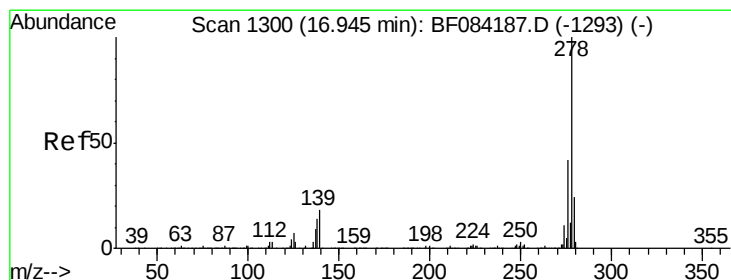
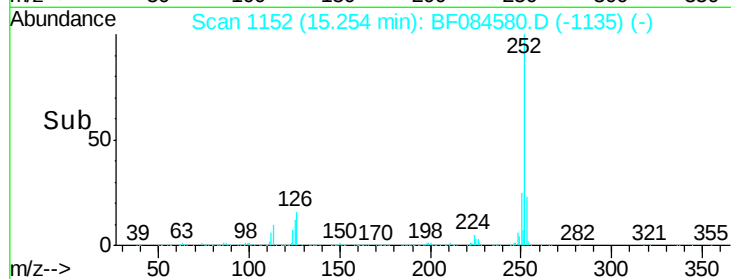
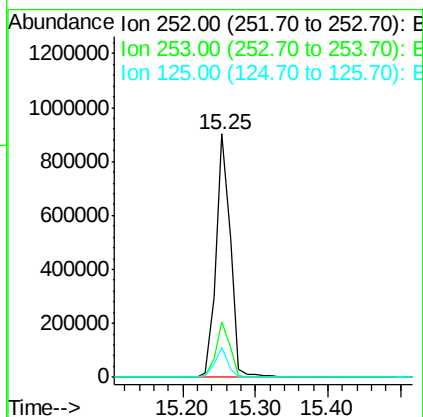
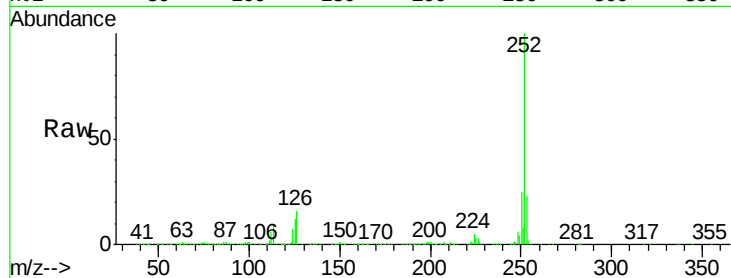




#89
Benzo(a)pyrene
Concen: 47.16 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.10 min
Lab File: BF084580.D
Acq: 21 Jan 2016 12:58

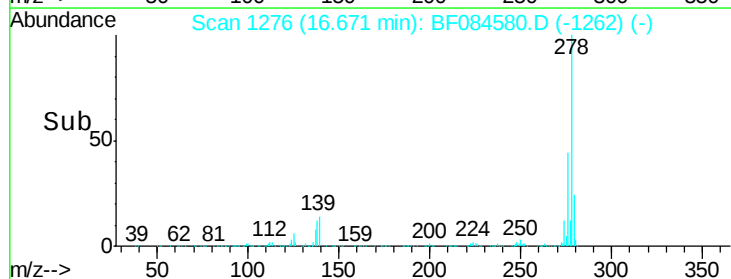
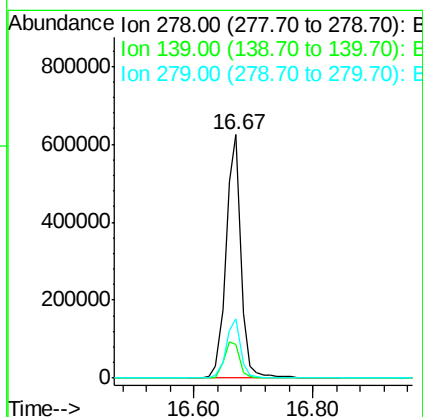
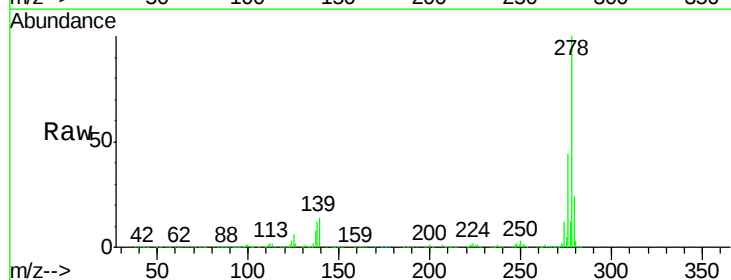
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

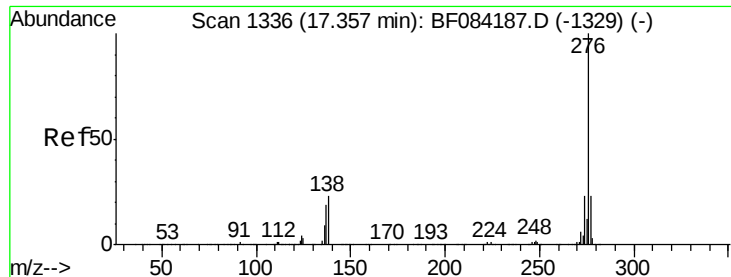
Tot Ion:252 Resp: 1232302
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 12.3 7.0 10.4#



#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

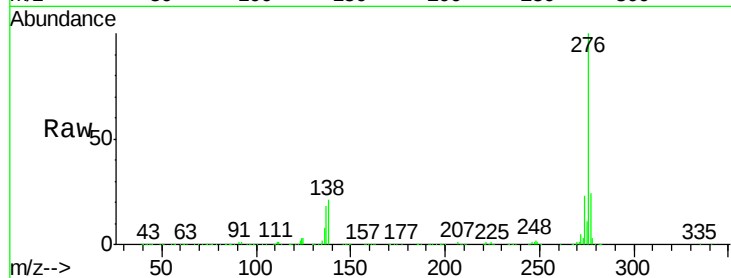




#91
 Benzo(a,h,i)perylene
 Concen: 48.82 ng
 RT: 17.06 min Scan# 1310
 Delta R.T. -0.16 min
 Lab File: BF084580.D
 Acq: 21 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot 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

