

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012116\
 Data File : BF084579.D
 Acq On : 21 Jan 2016 12:31
 Operator : SJ/UM
 Sample : H1159-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Quant Time: Jan 22 00:05:57 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	223758	20.00	ng	-0.07
21) Naphthalene-d8	8.04	136	935032	20.00	ng	-0.08
38) Acenaphthene-d10	9.80	164	464432	20.00	ng	-0.07
63) Phenanthrene-d10	11.29	188	834545	20.00	ng	-0.07
75) Chrysene-d12	13.92	240	556394	20.00	ng	-0.08
86) Perylene-d12	15.31	264	467273	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1753659	126.77	ng	-0.06
7) Phenol-d6	6.42	99	2073039	119.32	ng	-0.06
23) Nitrobenzene-d5	7.33	82	1444921	86.00	ng	-0.07
41) 2,4,6-Tribromophenol	10.59	330	609495	129.99	ng	-0.08
44) 2-Fluorobiphenyl	9.13	172	2365833	89.98	ng	-0.07
78) Terphenyl-d14	12.88	244	2515213	100.91	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	260251	39.71	ng	# 66
3) Pyridine	3.17	79	435917	23.86	ng	# 59
4) n-Nitrosodimethylamine	3.09	42	320648	34.19	ng	# 70
6) Aniline	6.43	93	104321	4.10	ng	# 1
8) 2-Chlorophenol	6.56	128	715520	45.59	ng	98
9) Benzaldehyde	6.30	77	67958	6.01	ng	96
10) Phenol	6.43	94	822984	41.66	ng	93
11) bis(2-Chloroethyl)ether	6.51	93	804527	52.57	ng	90
12) 1,3-Dichlorobenzene	6.70	146	753715	46.55	ng	98
13) 1,4-Dichlorobenzene	6.70	146	753715	46.42	ng	93
14) 1,2-Dichlorobenzene	6.93	146	693610	44.61	ng	98
15) Benzyl Alcohol	6.91	79	611854	41.86	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1072156	38.47	ng	98
17) 2-Methylphenol	7.04	107	588711	44.75	ng	# 92
18) Hexachloroethane	7.28	117	292791	45.10	ng	# 90
19) n-Nitroso-di-n-propylamine	7.18	70	515363	43.82	ng	# 73
20) 3+4-Methylphenols	7.20	107	738189	47.74	ng	89
22) Acetophenone	7.17	105	1033365	45.96	ng	# 99
24) Nitrobenzene	7.36	77	803689	47.17	ng	# 87
25) Isophorone	7.60	82	1434397	44.64	ng	98
26) 2-Nitrophenol	7.66	139	371796	47.94	ng	# 82
27) 2,4-Dimethylphenol	7.72	122	700261	44.61	ng	89
28) bis(2-Chloroethoxy)methane	7.80	93	866820	44.17	ng	98
29) 2,4-Dichlorophenol	7.92	162	630453	48.22	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	627995	46.52	ng	97
31) Naphthalene	8.06	128	2155746	50.82	ng	99
32) Benzoic acid	7.86	122	441766	44.30	ng	95
33) 4-Chloroaniline	8.14	127	52098	2.68	ng	96
34) Hexachlorobutadiene	8.19	225	366221	47.19	ng	99
35) Caprolactam	8.51	113	107520	24.39	ng	# 51
36) 4-Chloro-3-methylphenol	8.62	107	704341	48.09	ng	97
37) 2-Methylnaphthalene	8.76	142	1442375	47.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	563516	42.21	ng	98
40) Hexachlorocyclopentadiene	8.91	237	608889	75.54	ng	97

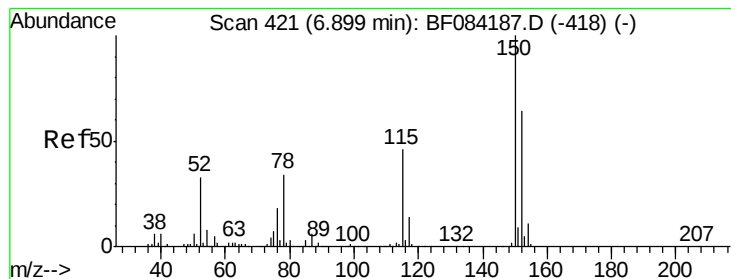
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	455618	45.61	ng	93
43) 2,4,5-Trichlorophenol	9.09	196	410411	42.86	ng #	86
45) 1,1'-Biphenyl	9.23	154	1752222	47.47	ng	98
46) 2-Chloronaphthalene	9.25	162	1320286	45.54	ng #	89
47) 2-Nitroaniline	9.36	65	457377	47.80	ng #	71
48) Acenaphthylene	9.66	152	1923057	44.89	ng	97
49) Dimethylphthalate	9.54	163	1511547	45.53	ng #	90
50) 2,6-Dinitrotoluene	9.60	165	334923	45.99	ng #	60
51) Acenaphthene	9.84	154	1328797	46.25	ng	97
52) 3-Nitroaniline	9.76	138	95573	10.59	ng	98
53) 2,4-Dinitrophenol	9.87	184	352313	112.08	ng #	80
54) Dibenzofuran	10.01	168	1651873	44.35	ng	91
55) 4-Nitrophenol	9.95	139	593090	90.55	ng	89
56) 2,4-Dinitrotoluene	10.00	165	422532	45.85	ng #	72
57) Fluorene	10.35	166	1330607	46.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	383522	46.91	ng	88
59) Diethylphthalate	10.24	149	1460627	44.62	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	602953	50.65	ng #	80
61) 4-Nitroaniline	10.38	138	365342	45.42	ng	90
62) Azobenzene	10.50	77	1589153	44.26	ng	87
64) 4,6-Dinitro-2-methylphenol	10.41	198	257915	51.40	ng	86
65) n-Nitrosodiphenylamine	10.46	169	1158030	43.40	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	390251	43.45	ng #	76
67) Hexachlorobenzene	10.90	284	484643	47.94	ng #	92
68) Atrazine	11.00	200	404350	46.31	ng	98
69) Pentachlorophenol	11.09	266	465694	88.84	ng	97
70) Phenanthrene	11.31	178	2140961	49.04	ng	95
71) Anthracene	11.36	178	1979090	46.25	ng	98
72) Carbazole	11.52	167	1666336	39.83	ng	98
73) Di-n-butylphthalate	11.86	149	2371758	56.95	ng #	97
74) Fluoranthene	12.49	202	2121234	46.52	ng	98
76) Benzidine	12.61	184	207837	10.42	ng	97
77) Pyrene	12.72	202	2056349	47.10	ng	98
79) Butylbenzylphthalate	13.34	149	910569	48.19	ng	90
80) Benzo(a)anthracene	13.91	228	1592689	48.75	ng	97
81) 3,3'-Dichlorobenzidine	13.87	252	191916	16.83	ng #	95
82) Chrysene	13.94	228	1513214	48.20	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1121608	46.99	ng #	91
84) Di-n-octyl phthalate	14.52	149	1910012	47.40	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	1344987	54.05	ng	99
87) Benzo(b)fluoranthene	14.92	252	2613628	85.51	ng #	96
88) Benzo(k)fluoranthene	14.92	252	2614804	104.60	ng	98
89) Benzo(a)pyrene	15.25	252	1233003	47.56	ng #	96
90) Dibenzo(a,h)anthracene	16.67	278	1103241	49.45	ng #	95
91) Benzo(g,h,i)perylene	17.06	276	1156081	50.04	ng	96

(#) = 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

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

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SULFURCAKEMS

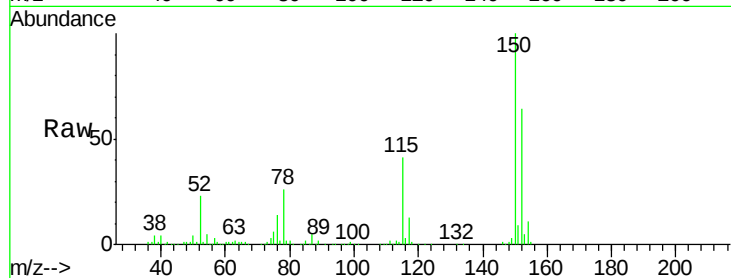
Tgt Ion:152 Resp: 223758

Ion Ratio Lower Upper

152 100

150 155.7 123.0 184.4

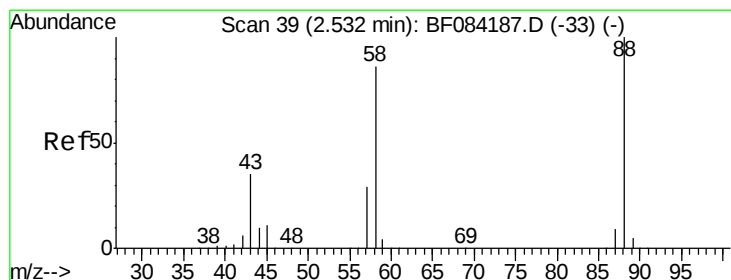
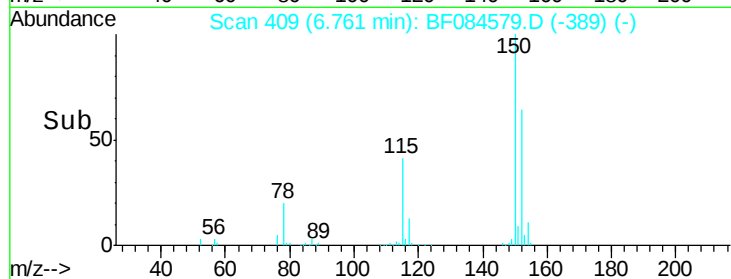
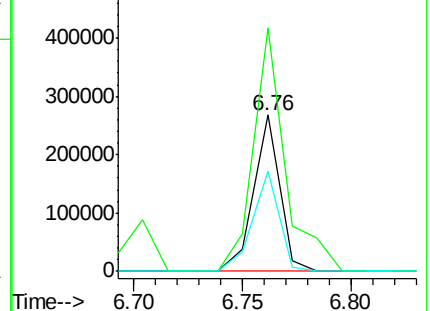
115 64.3 51.4 77.2



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: 39.71 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.11 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

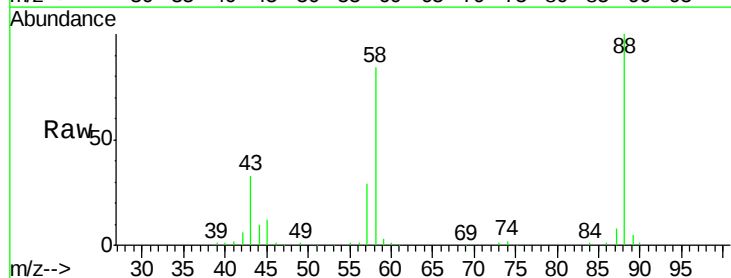
Tgt Ion: 88 Resp: 260251

Ion Ratio Lower Upper

88 100

58 86.3 51.2 76.8#

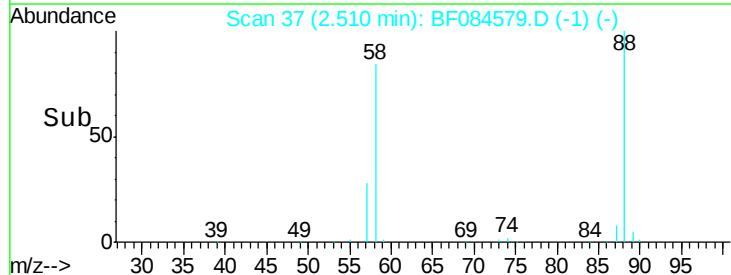
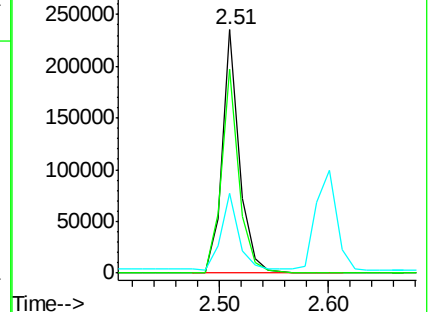
43 0.0 19.5 29.3#

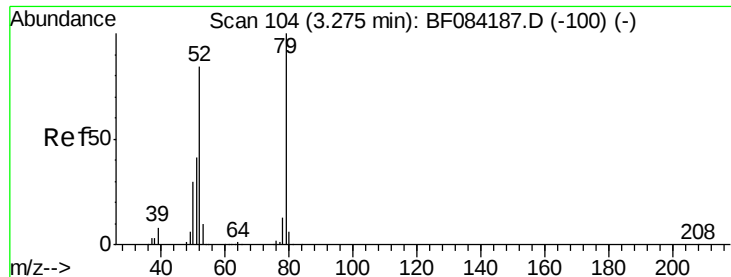


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.86 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.05 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

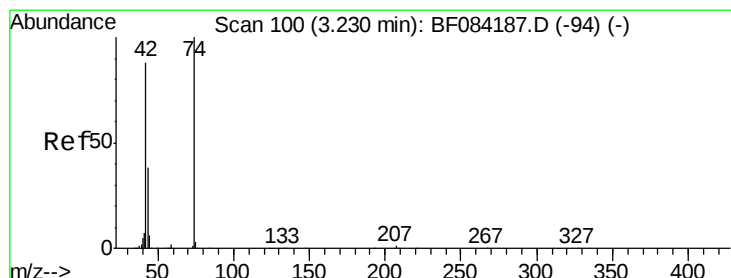
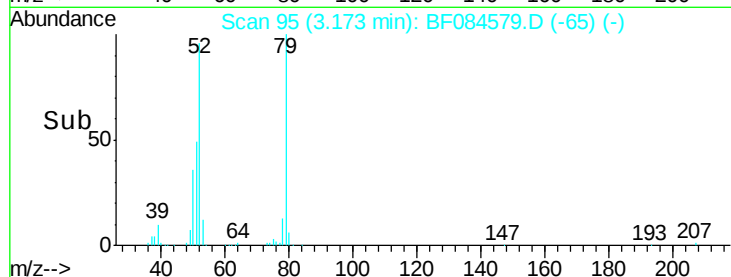
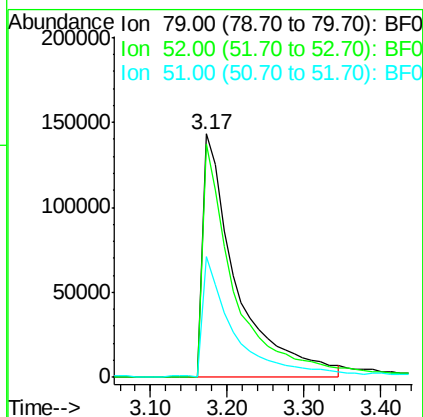
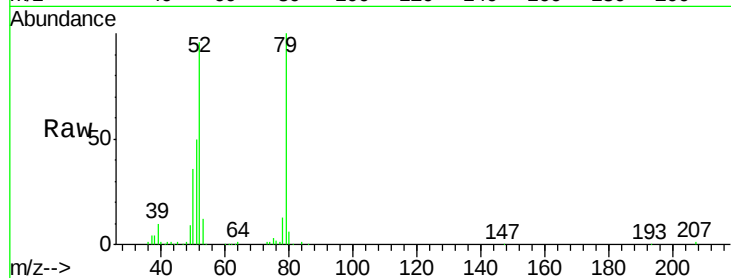
Tgt Ion: 79 Resp: 435917

Ion Ratio Lower Upper

79 100

52 95.7 49.0 73.4#

51 49.7 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 34.19 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.02 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

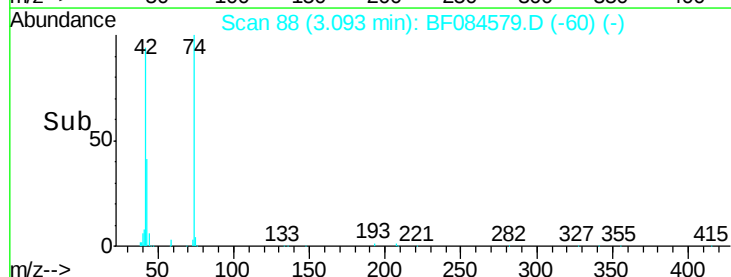
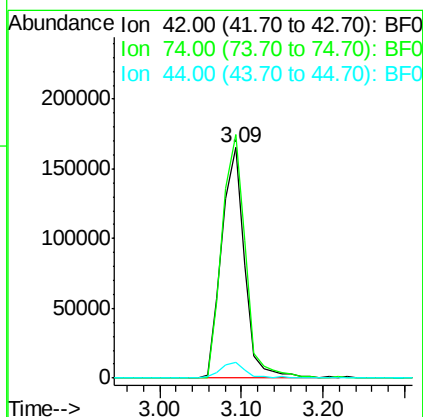
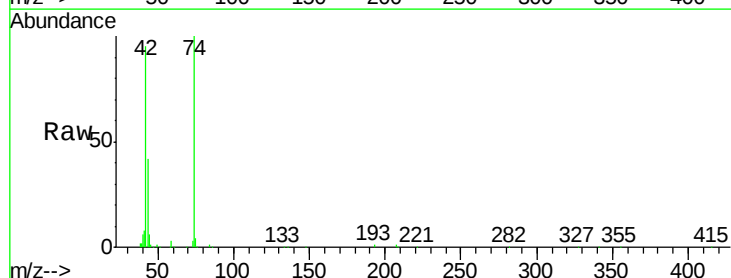
Tgt Ion: 42 Resp: 320648

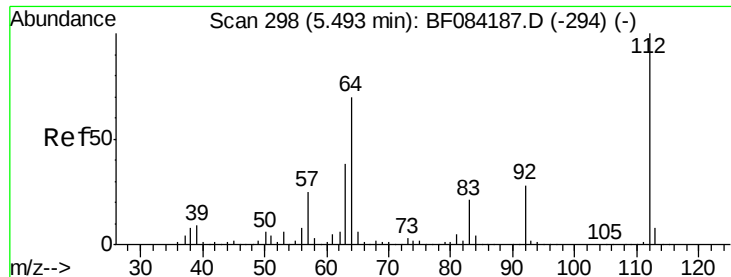
Ion Ratio Lower Upper

42 100

74 105.5 115.7 173.5#

44 6.7 5.1 7.7





#5

2-Fluorophenol

Concen: 126.77 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.06 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

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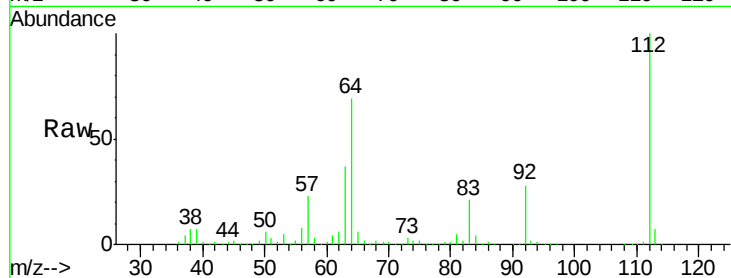
Tgt Ion: 112 Resp: 1753659

Ion Ratio Lower Upper

112 100

64 68.6 36.6 55.0#

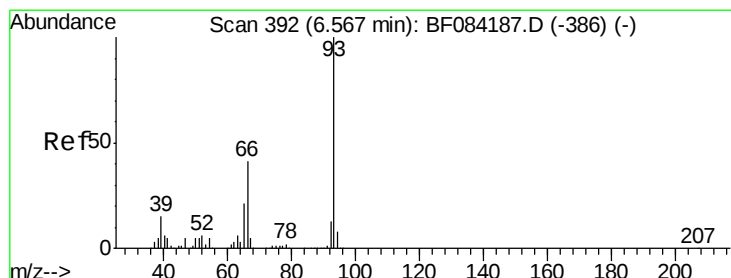
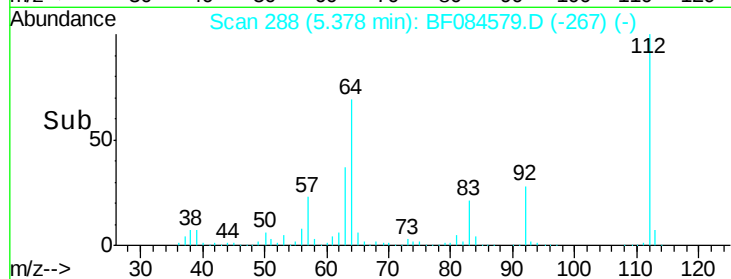
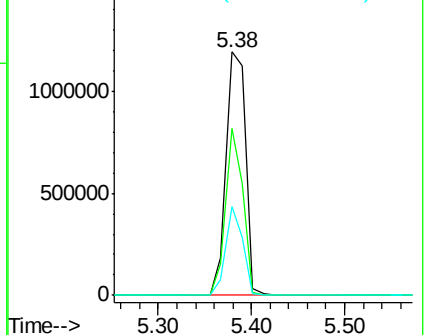
63 36.5 19.4 29.0#



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: 4.10 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

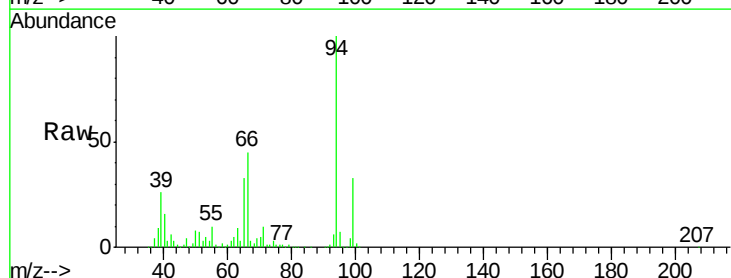
Tgt Ion: 93 Resp: 104321

Ion Ratio Lower Upper

93 100

66 815.8 44.9 67.3#

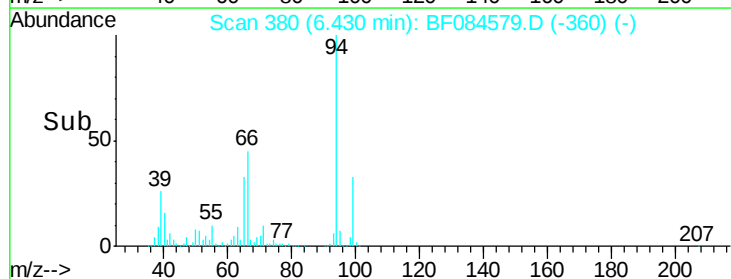
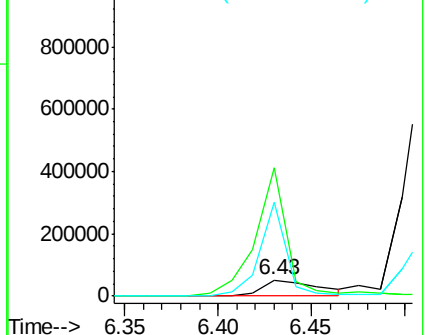
65 593.2 23.7 35.5#

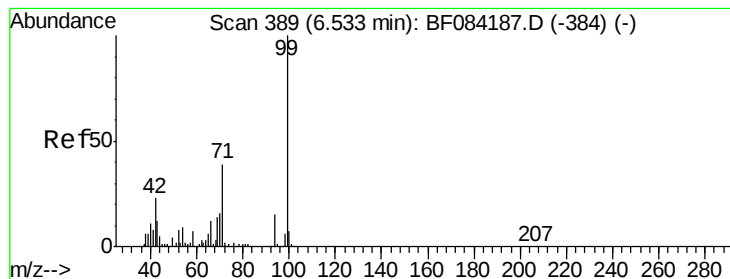


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.32 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

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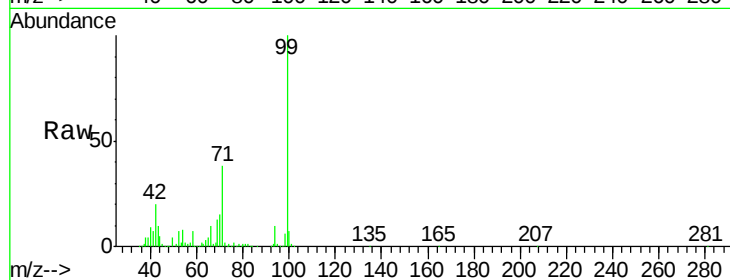
Tgt Ion: 99 Resp: 2073039

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

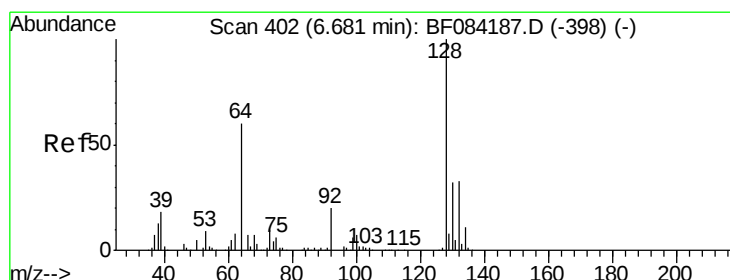
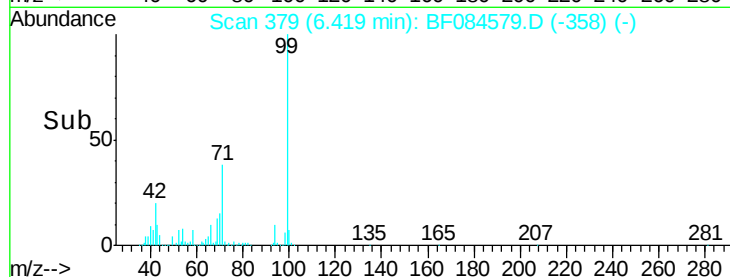
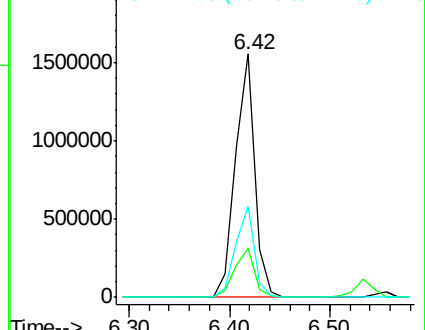
71 37.7 30.9 46.3



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: 45.59 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

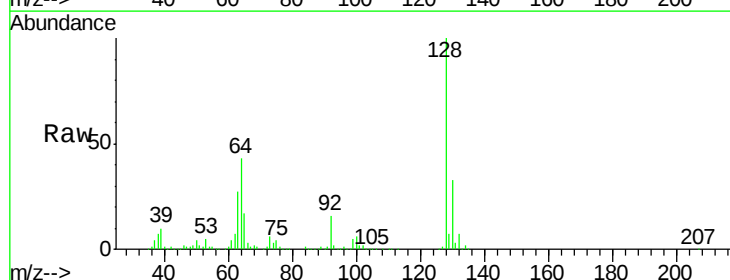
Tgt Ion: 128 Resp: 715520

Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

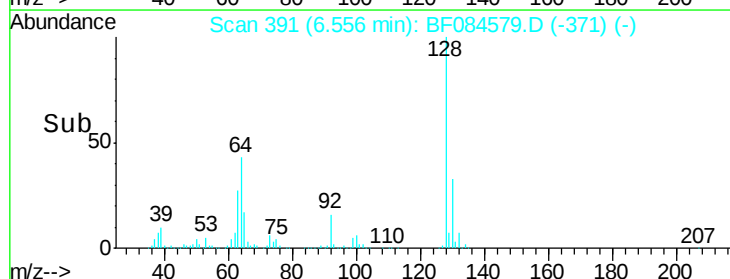
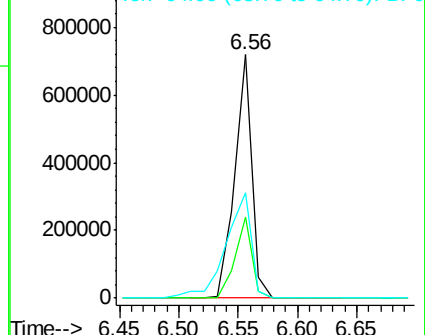
64 43.3 23.8 63.8

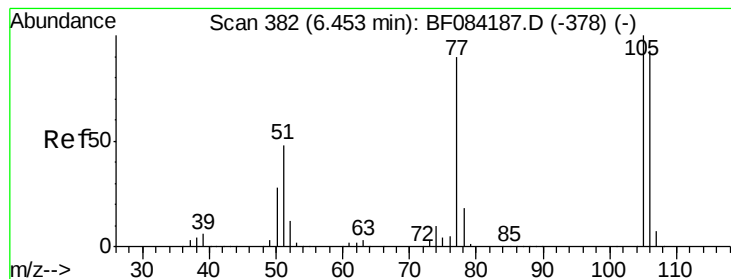


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.01 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.08 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

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ClientSampleId :

SULFURCAKEMS

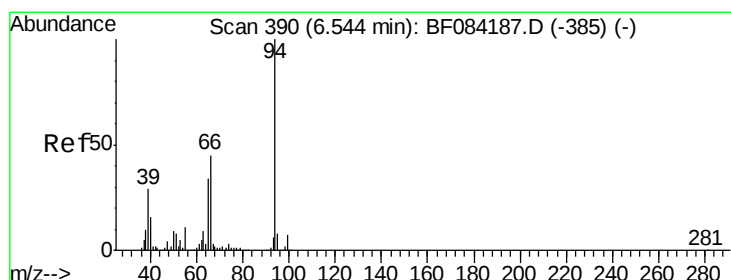
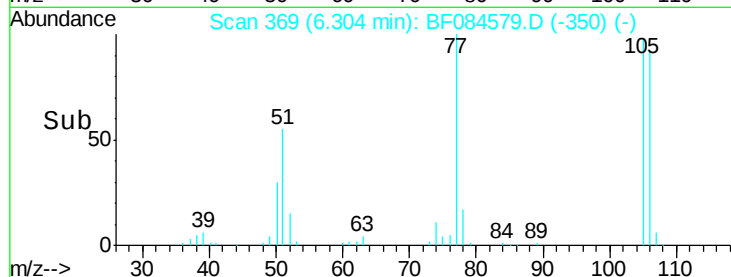
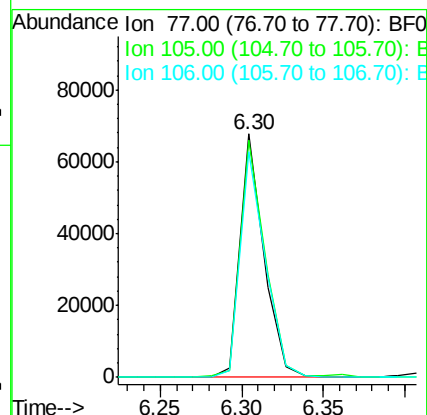
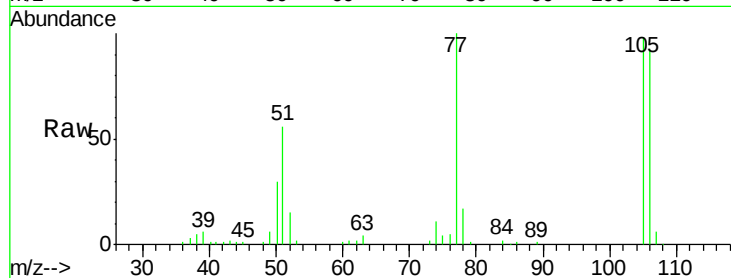
Tgt Ion: 77 Resp: 67958

Ion Ratio Lower Upper

77 100

105 97.7 83.0 123.0

106 92.5 74.6 114.6



#10

Phenol

Concen: 41.66 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

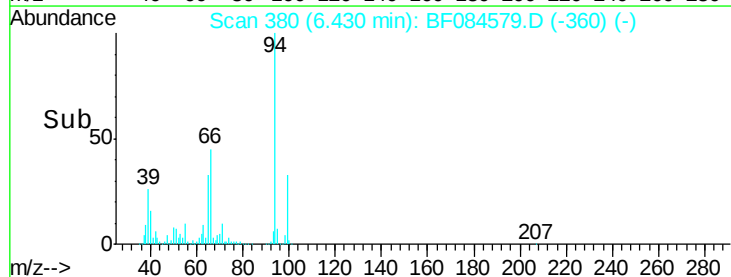
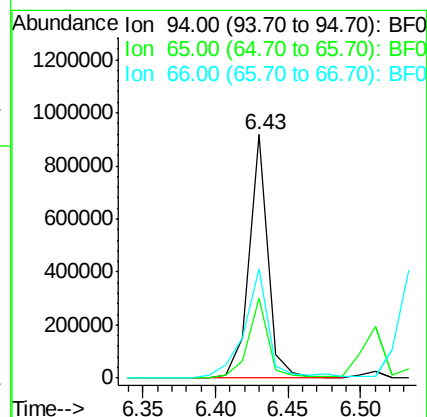
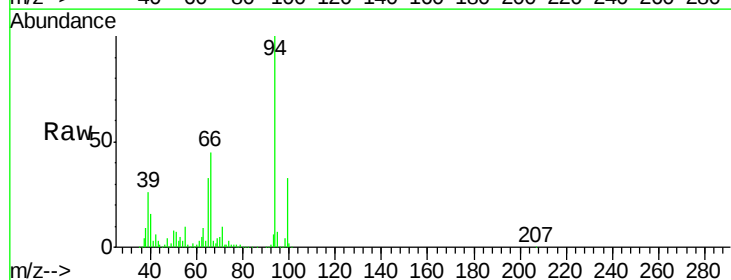
Tgt Ion: 94 Resp: 822984

Ion Ratio Lower Upper

94 100

65 32.7 12.9 52.9

66 45.0 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 52.57 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

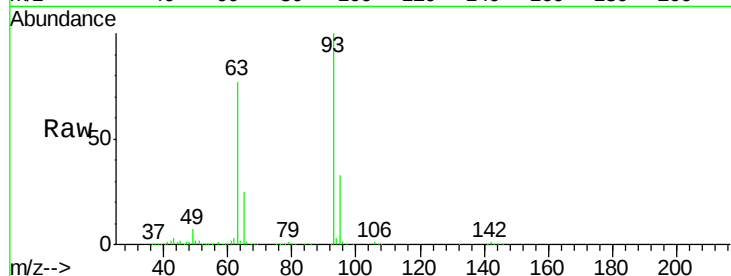
Tgt Ion: 93 Resp: 804527

Ion Ratio Lower Upper

93 100

63 77.3 45.9 85.9

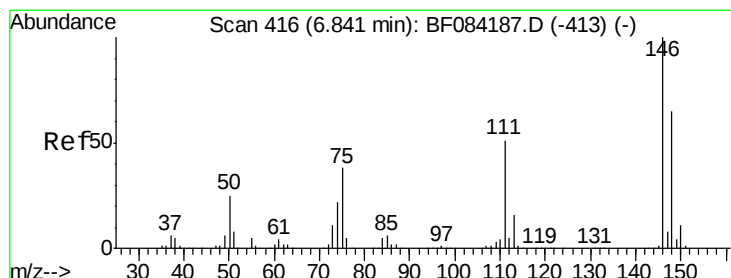
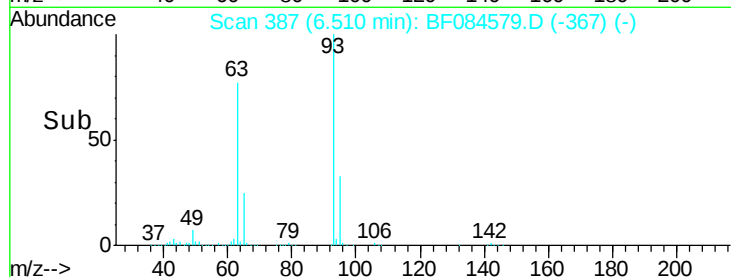
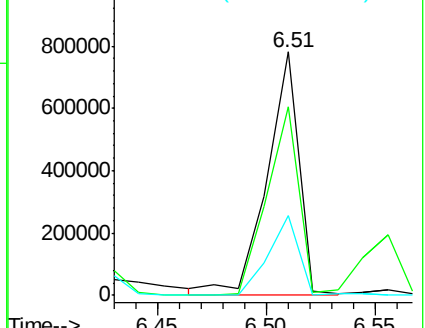
95 33.0 12.3 52.3



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: 46.55 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

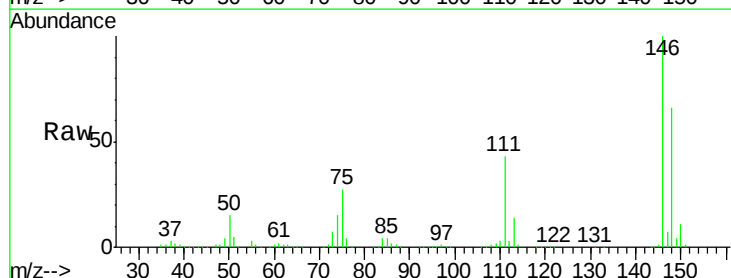
Tgt Ion: 146 Resp: 753715

Ion Ratio Lower Upper

146 100

148 66.5 51.9 77.9

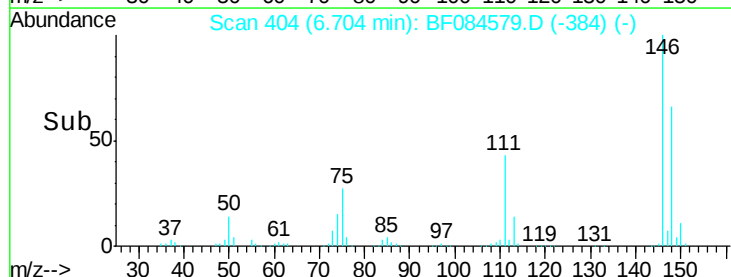
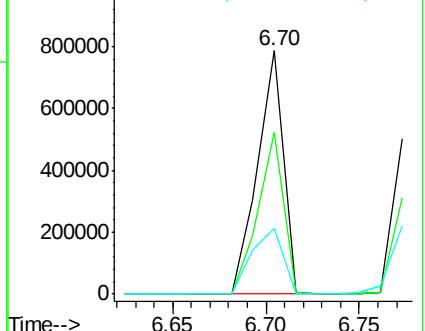
75 26.9 20.5 30.7

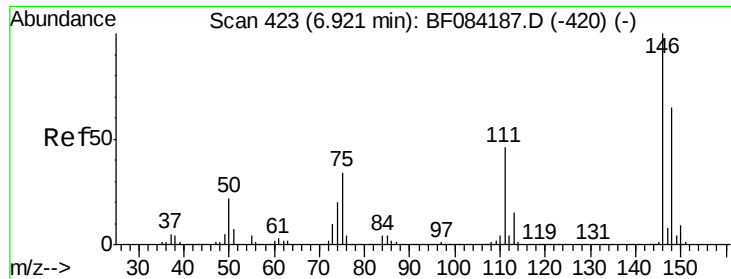


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

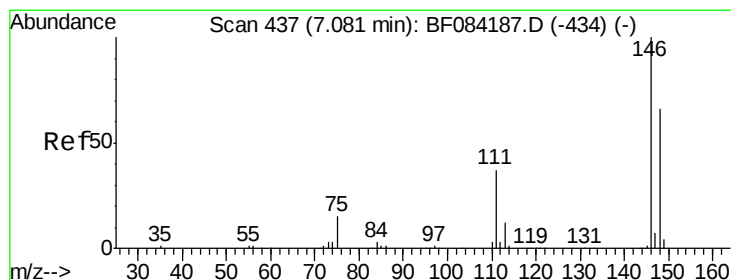
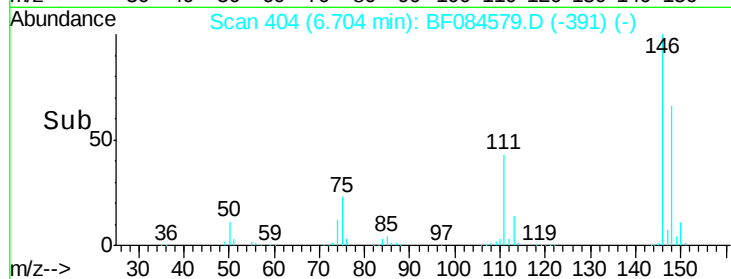
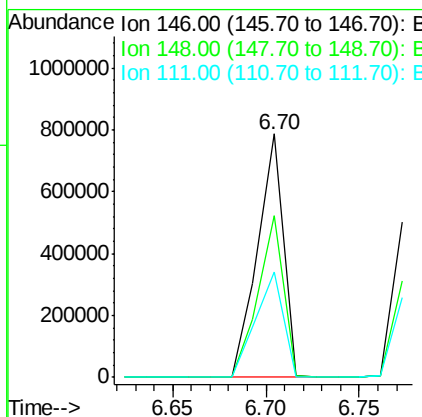
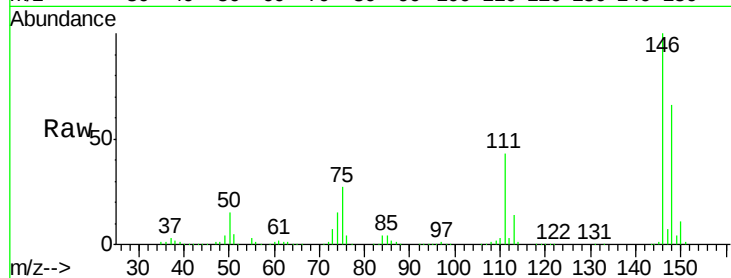




#13
 1,4-Dichlorobenzene
 Concen: 46.42 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.15 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

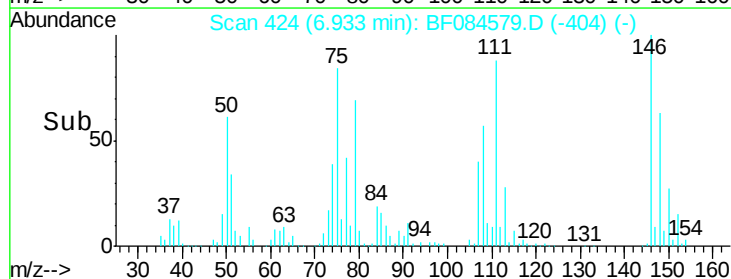
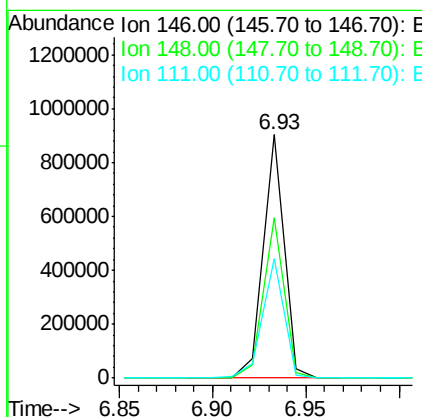
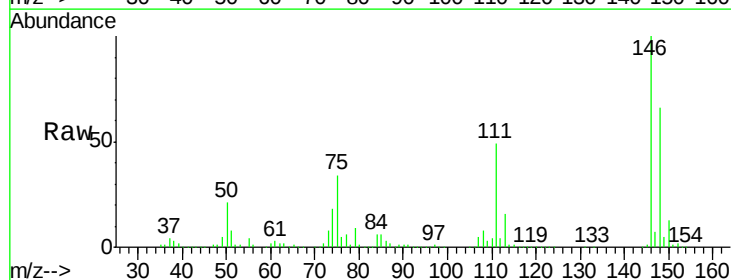
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

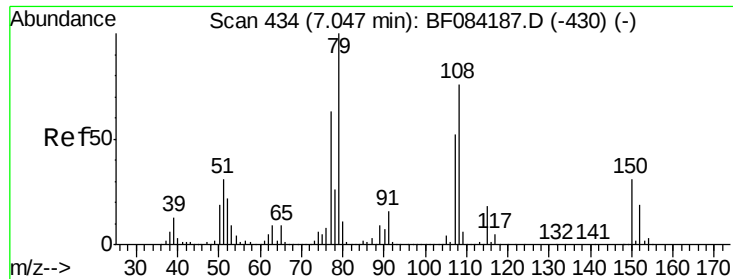
Tgt Ion:146 Resp: 753715
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.9 77.9
 111 43.3 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 44.61 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:146 Resp: 693610
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.6 77.4
 111 49.0 38.0 57.0





#15

Benzyl Alcohol

Concen: 41.86 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

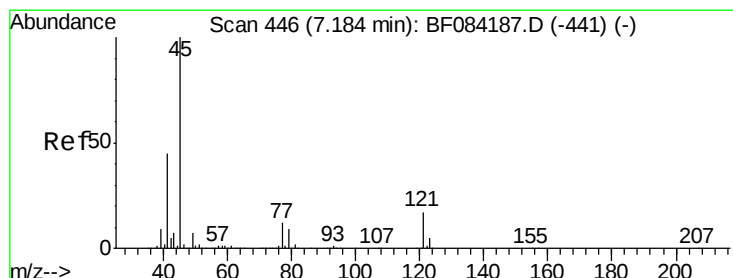
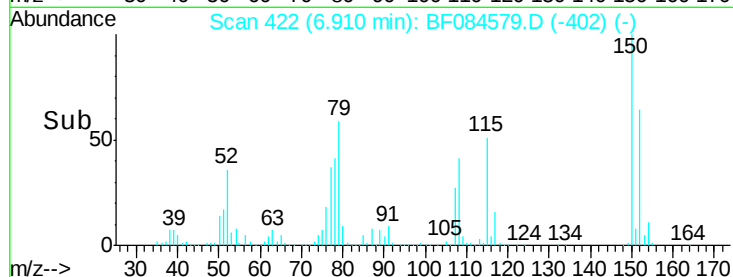
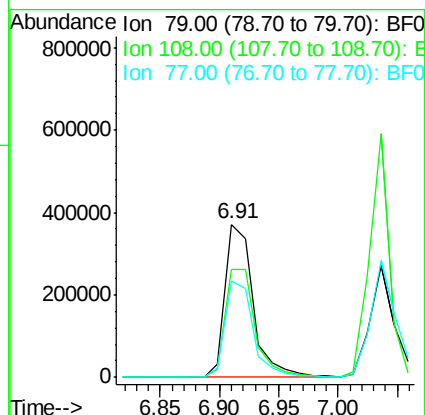
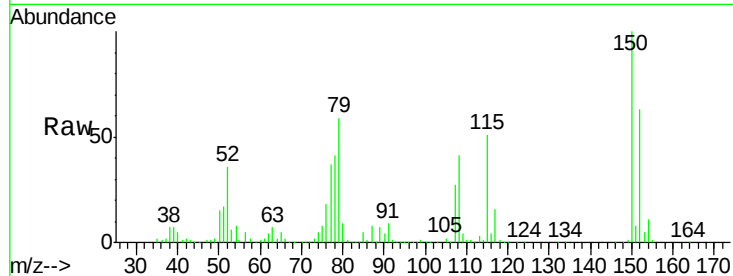
Tgt Ion: 79 Resp: 611854

Ion Ratio Lower Upper

79 100

108 70.4 69.0 103.4

77 63.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.47 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

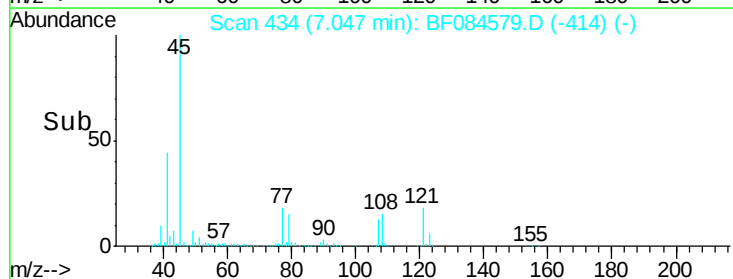
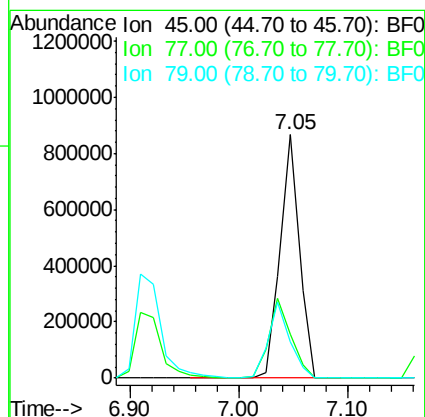
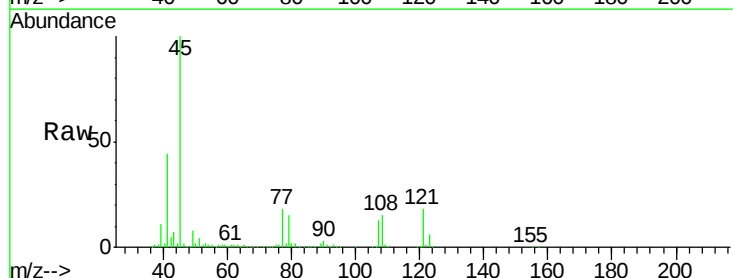
Tgt Ion: 45 Resp: 1072156

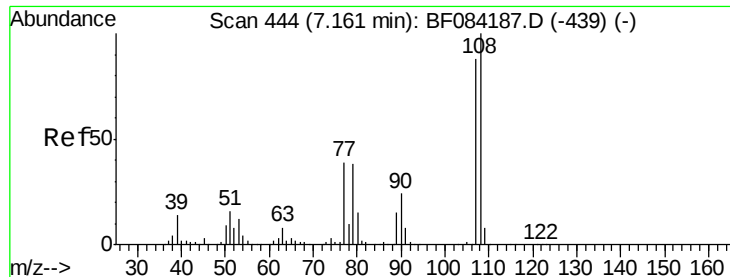
Ion Ratio Lower Upper

45 100

77 18.0 0.0 39.6

79 14.9 0.0 35.0

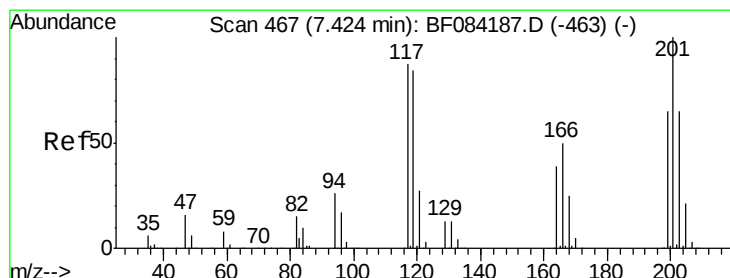
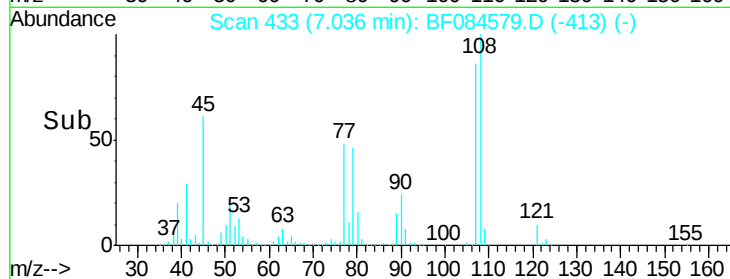
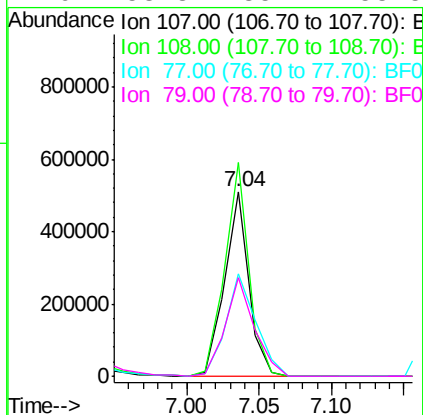
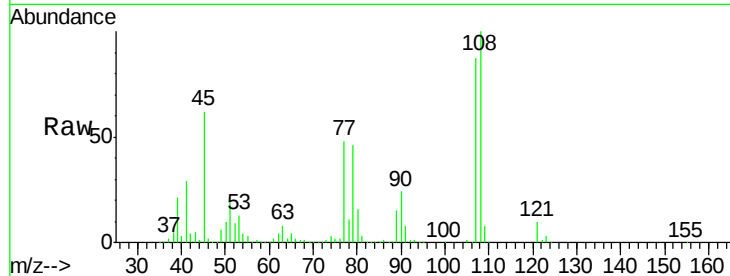




#17
2-Methylphenol
Concen: 44.75 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

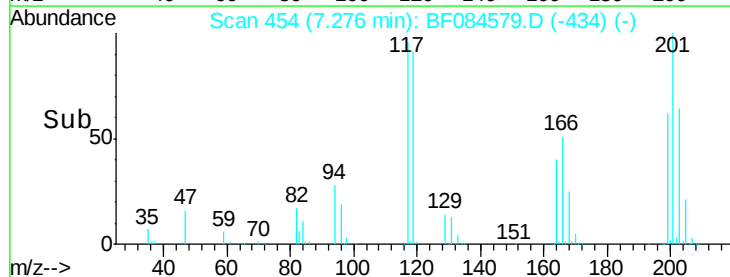
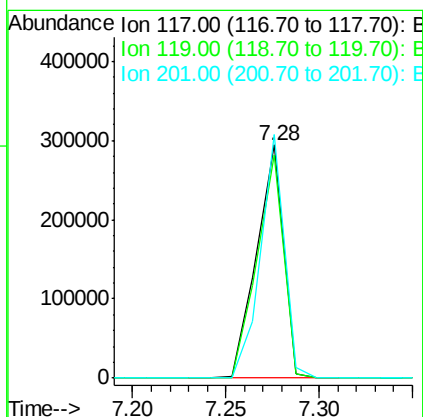
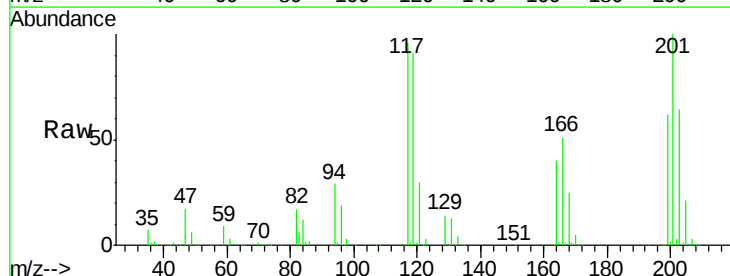
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

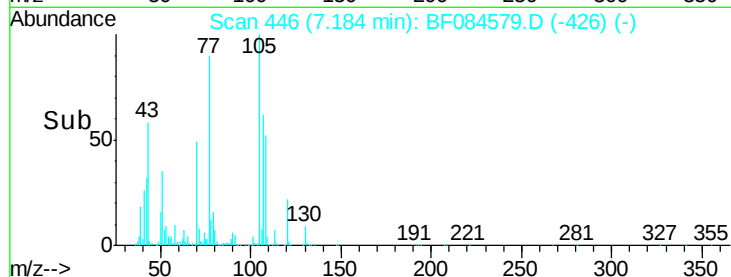
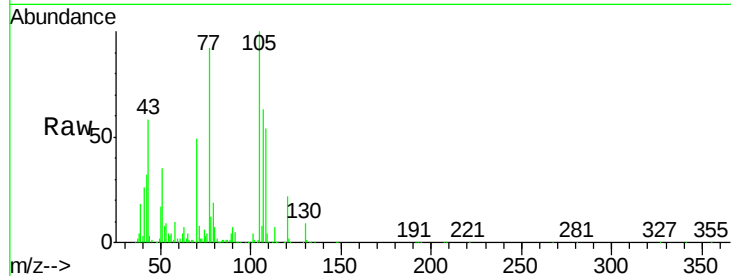
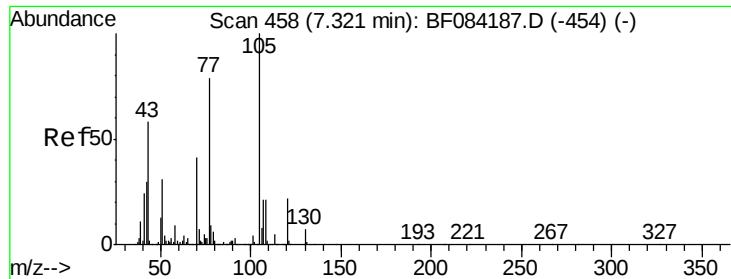
Tgt Ion:107 Resp: 588711
Ion Ratio Lower Upper
107 100
108 115.6 89.8 134.6
77 55.7 35.7 53.5#
79 53.3 35.7 53.5



#18
Hexachloroethane
Concen: 45.10 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:117 Resp: 292791
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
201 104.4 68.6 103.0#

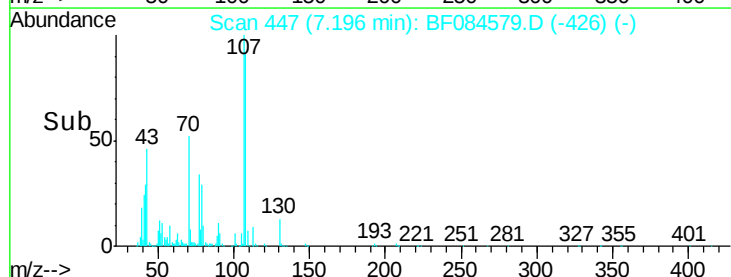
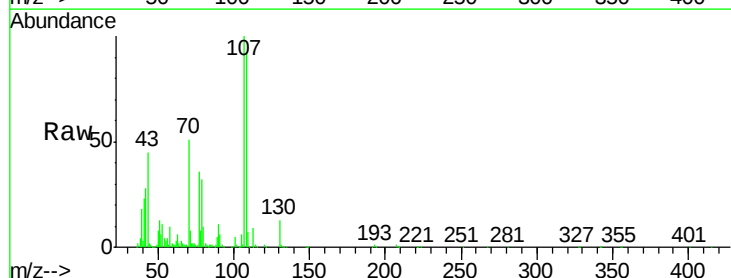
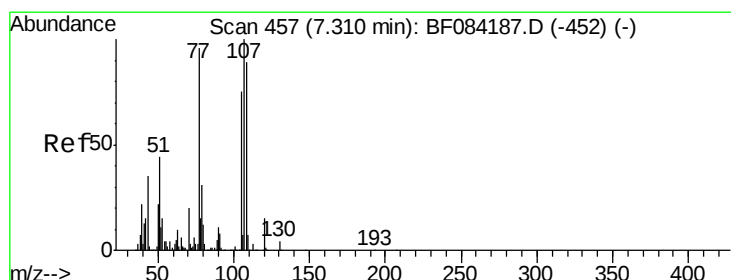
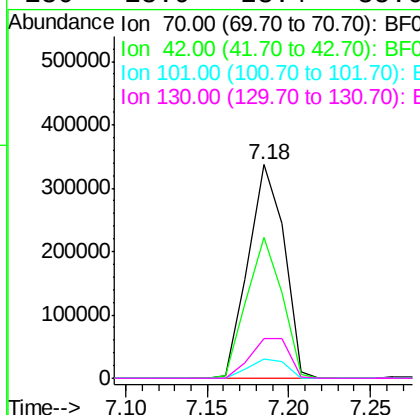




#19
n-Nitroso-di-n-propylamine
Concen: 43.82 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

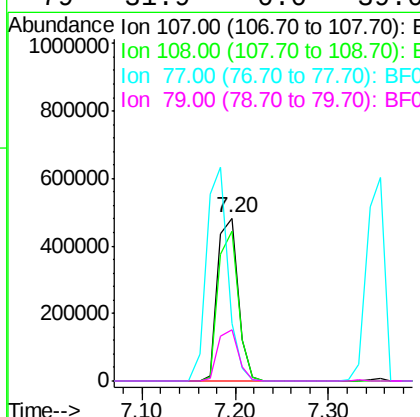
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

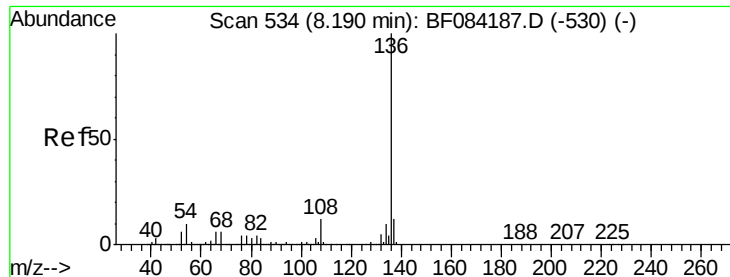
Tgt Ion: 70 Resp: 515363
Ion Ratio Lower Upper
70 100
42 66.0 33.3 49.9#
101 9.0 9.3 13.9#
130 18.9 23.4 35.0#



#20
3+4-Methylphenols
Concen: 47.74 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.06 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion: 107 Resp: 738189
Ion Ratio Lower Upper
107 100
108 92.4 74.6 114.6
77 35.7 0.7 40.7
79 31.9 0.0 39.0

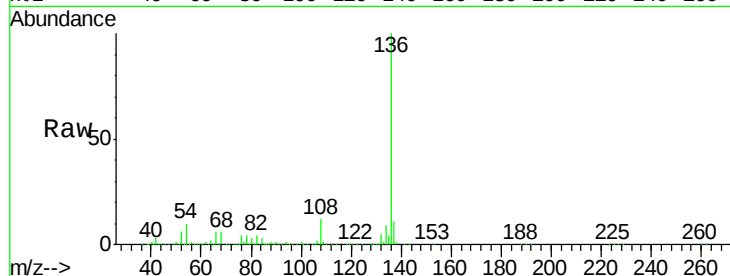




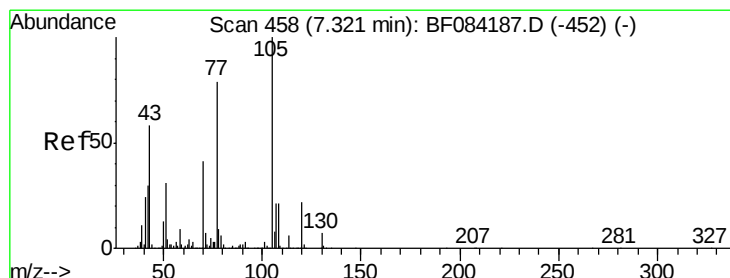
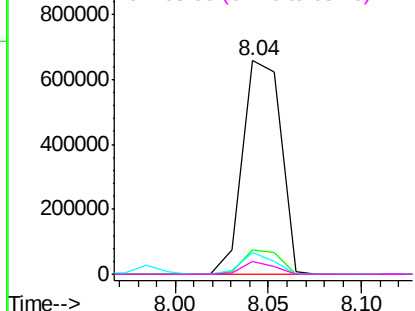
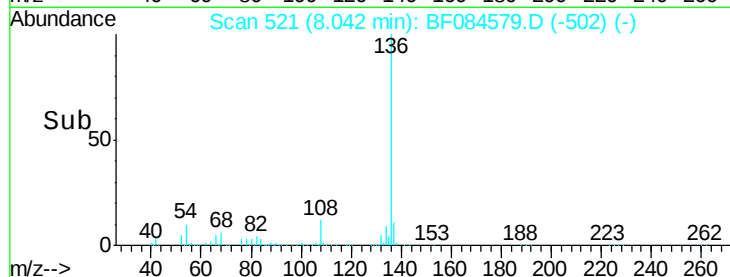
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.08 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:	136	Resp:	935032
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.4	5.8	8.8#
68	5.8	4.2	6.2

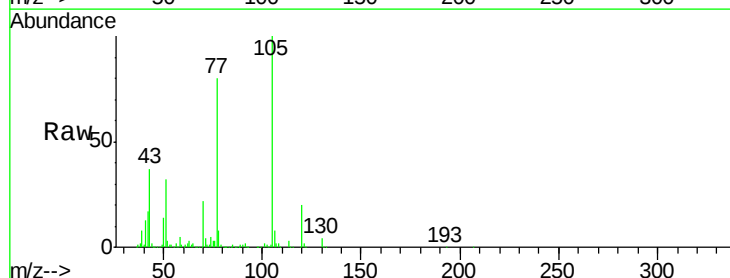


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

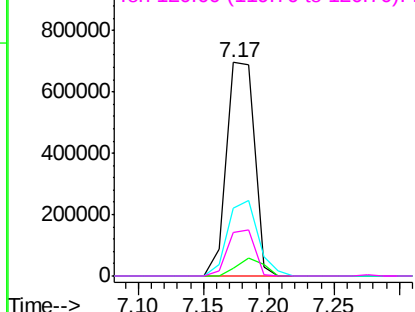
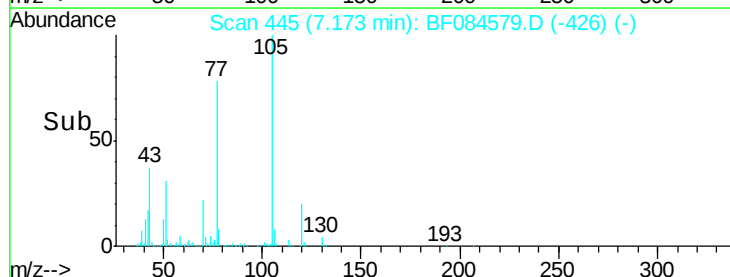


#22
Acetophenone
Concen: 45.96 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:	105	Resp:	1033365
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.7	5.5#
51	32.0	25.1	37.7
120	20.4	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

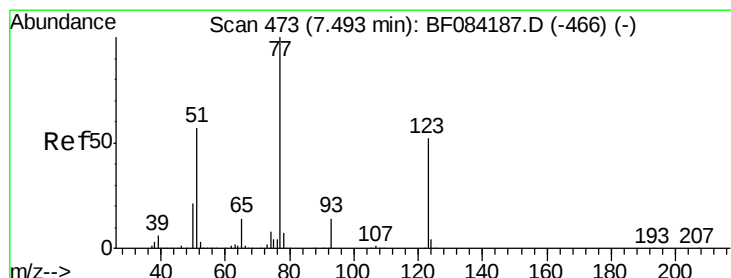
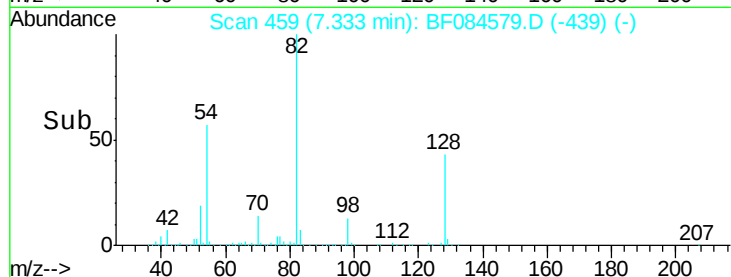
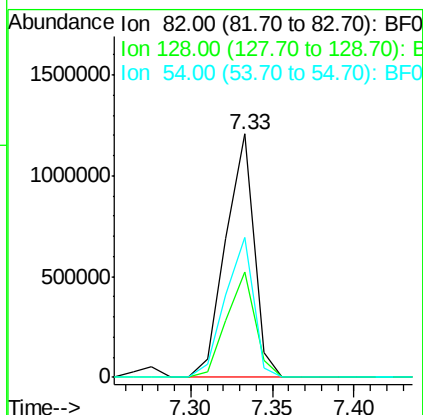
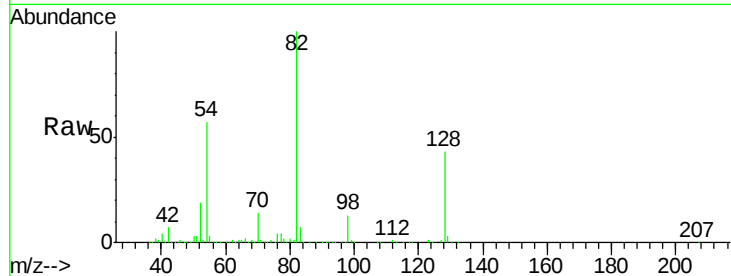




#23
 Nitrobenzene-d5
 Concen: 86.00 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

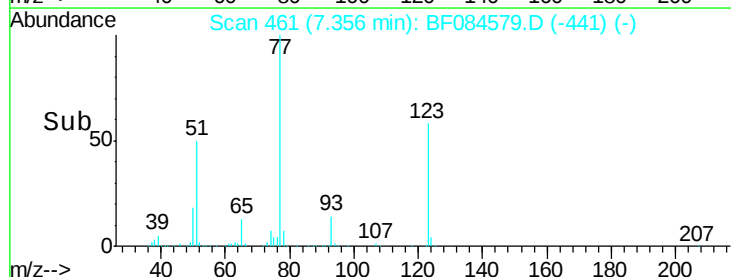
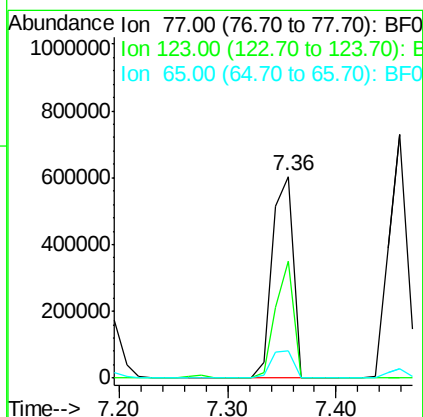
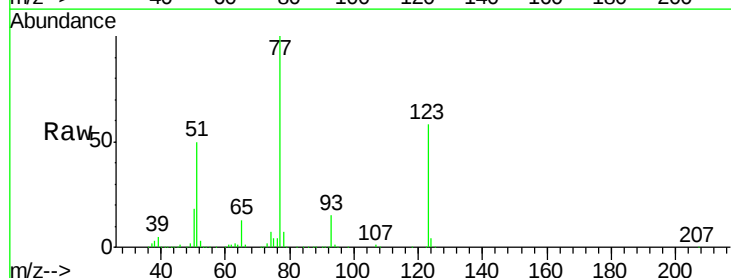
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

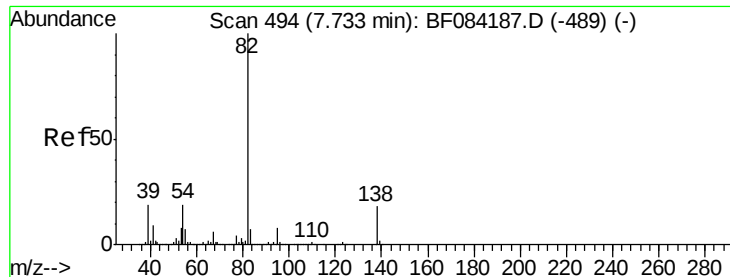
Tgt Ion: 82 Resp: 1444921
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 51.8
 54 57.4 38.4 57.6



#24
 Nitrobenzene
 Concen: 47.17 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion: 77 Resp: 803689
 Ion Ratio Lower Upper
 77 100
 123 58.3 37.4 56.2#
 65 13.4 10.9 16.3





#25

Isophorone

Concen: 44.64 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

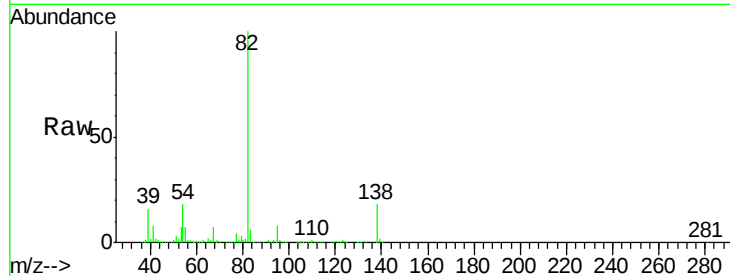
Tgt Ion: 82 Resp: 1434397

Ion Ratio Lower Upper

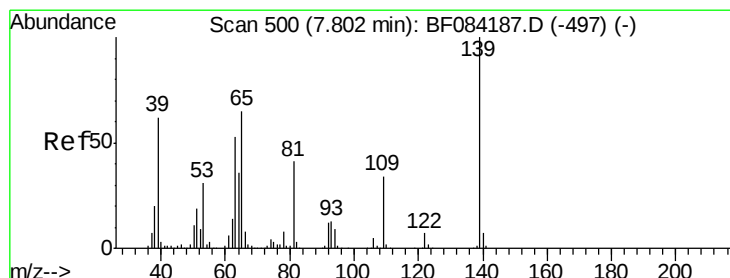
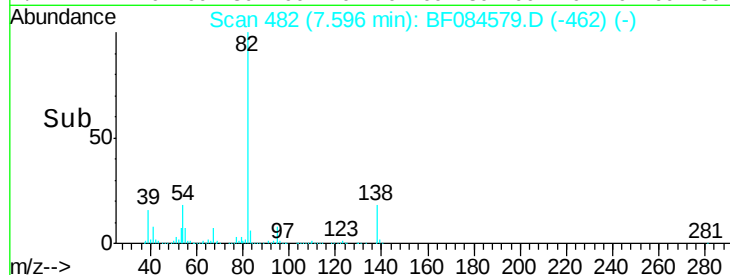
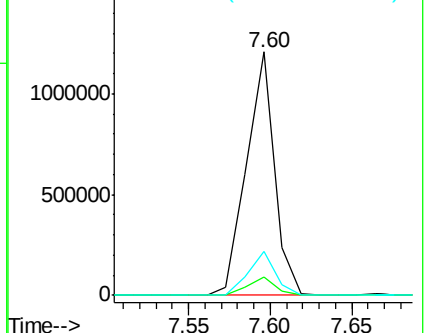
82 100

95 7.7 6.6 10.0

138 18.0 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: 47.94 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.08 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

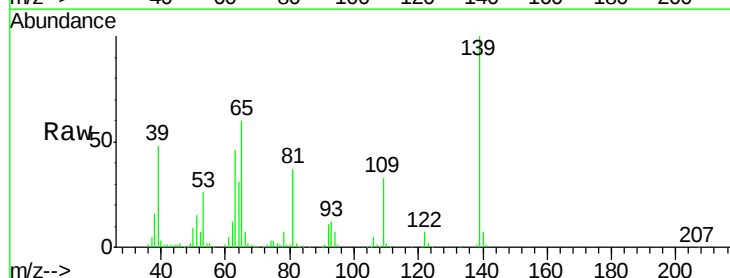
Tgt Ion: 139 Resp: 371796

Ion Ratio Lower Upper

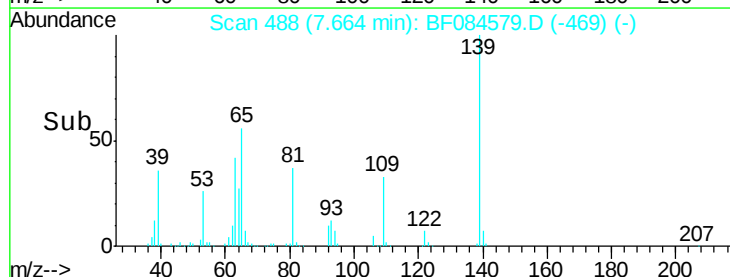
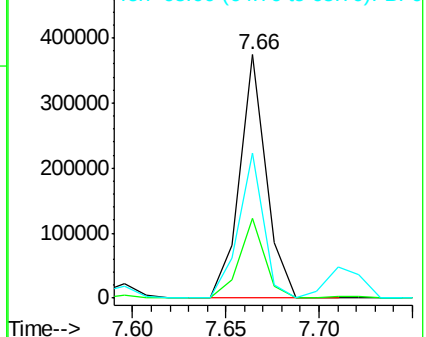
139 100

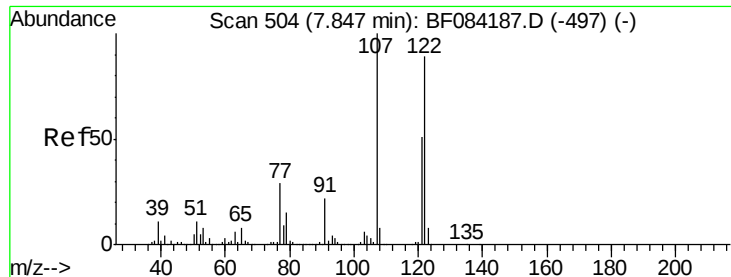
109 32.8 25.4 38.2

65 59.7 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: 44.61 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.06 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

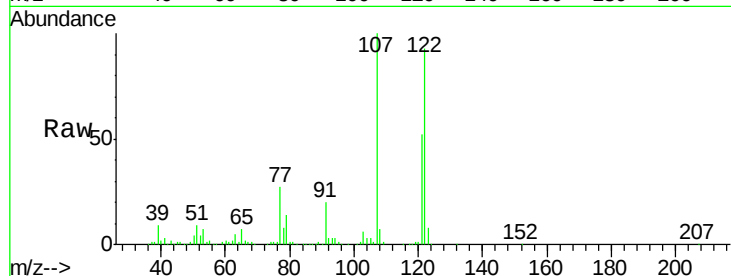
Tgt Ion:122 Resp: 700261

Ion Ratio Lower Upper

122 100

107 108.0 99.1 148.7

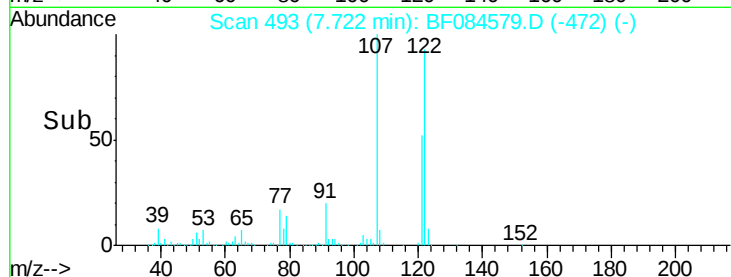
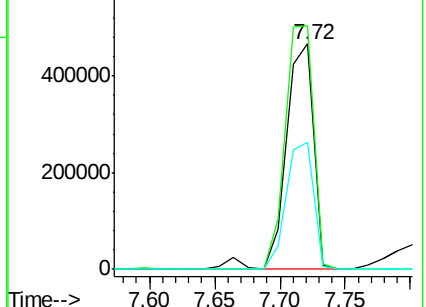
121 56.5 47.9 71.9



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: 44.17 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.08 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

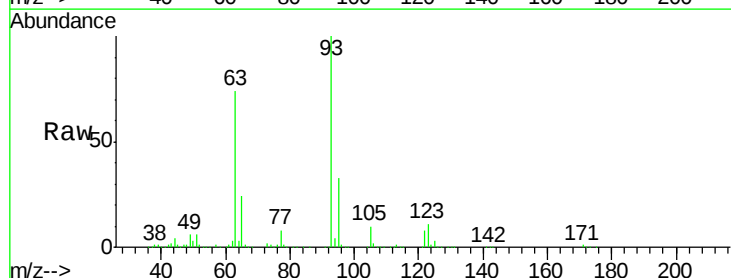
Tgt Ion: 93 Resp: 866820

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

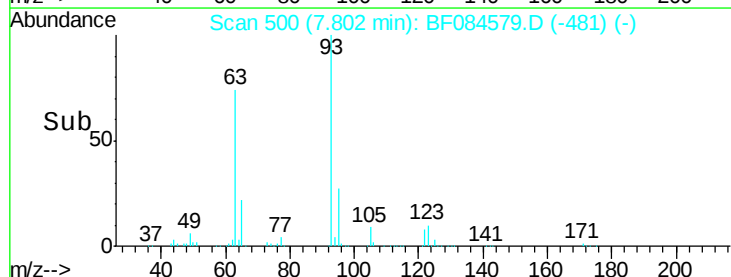
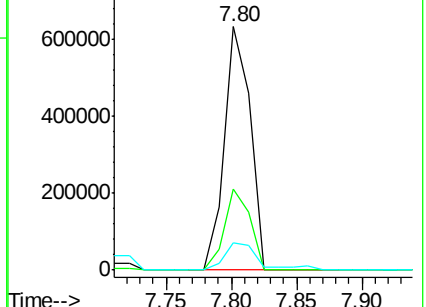
123 11.3 8.6 12.8



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

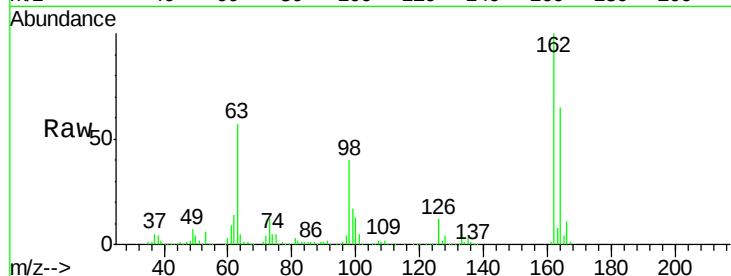




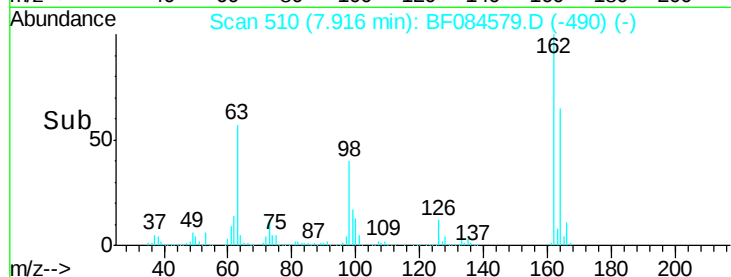
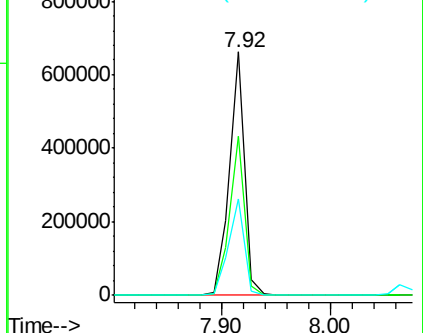
#29
2,4-Dichlorophenol
Concen: 48.22 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:162 Resp: 630453
Ion Ratio Lower Upper
162 100
164 65.4 44.1 84.1
98 39.7 20.2 60.2

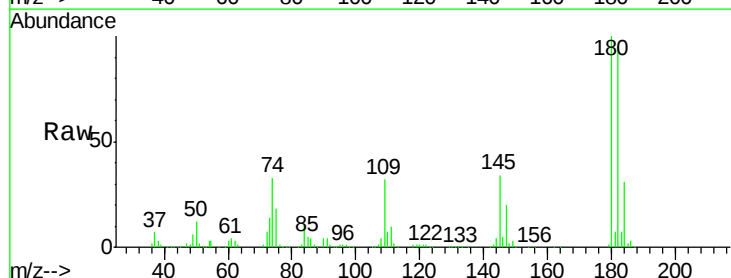


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

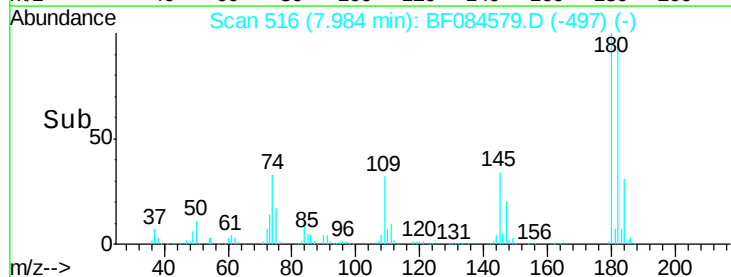
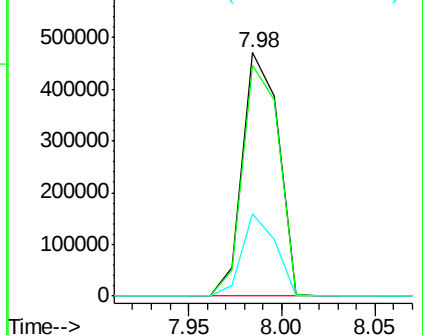


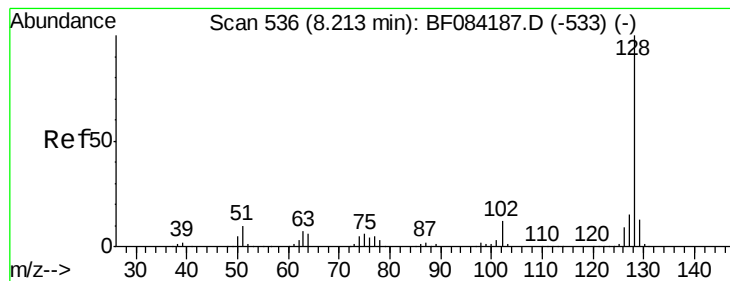
#30
1,2,4-Trichlorobenzene
Concen: 46.52 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.08 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:180 Resp: 627995
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 34.1 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: 50.82 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

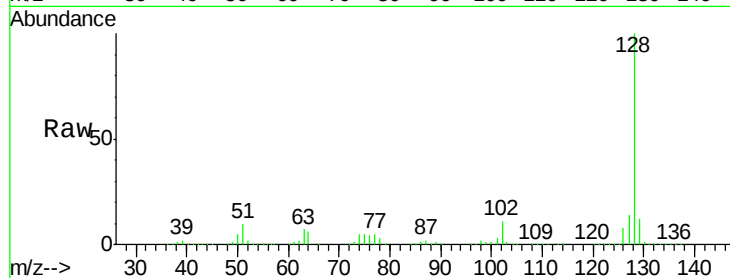
Tgt Ion:128 Resp: 2155746

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

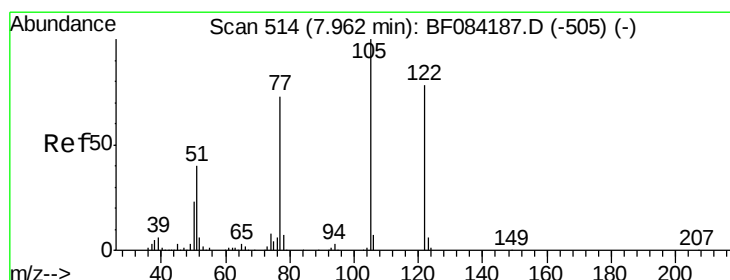
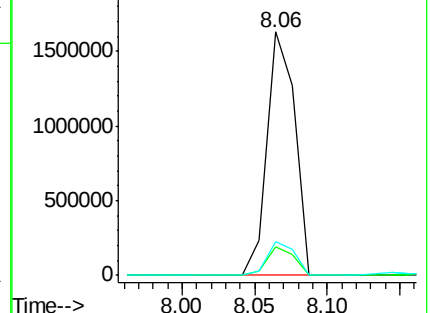
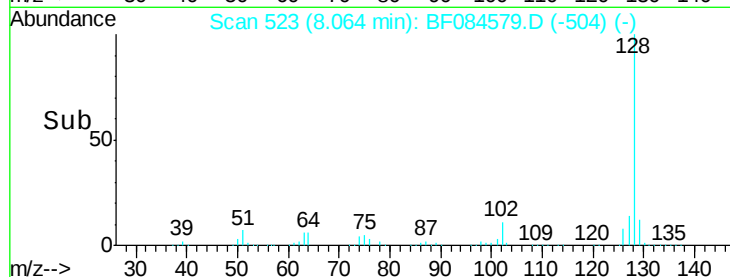
127 13.8 11.1 16.7



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: 44.30 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

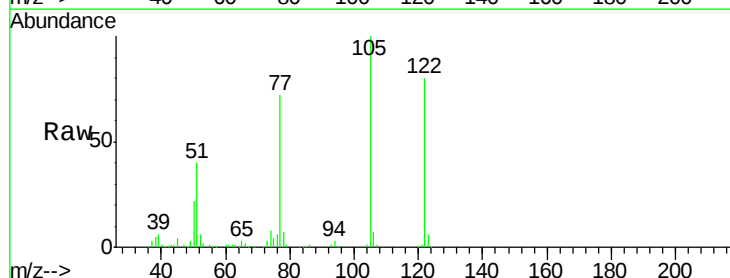
Tgt Ion:122 Resp: 441766

Ion Ratio Lower Upper

122 100

105 124.8 100.3 140.3

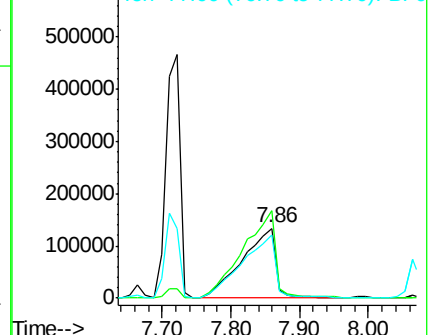
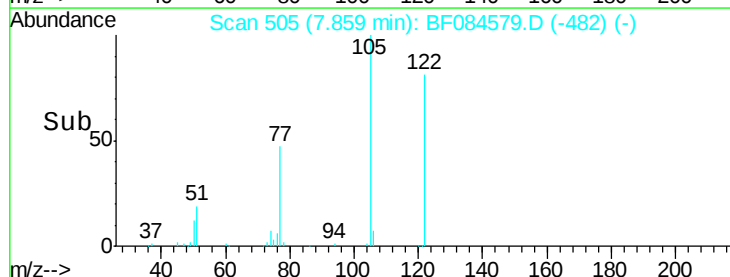
77 90.0 63.5 103.5

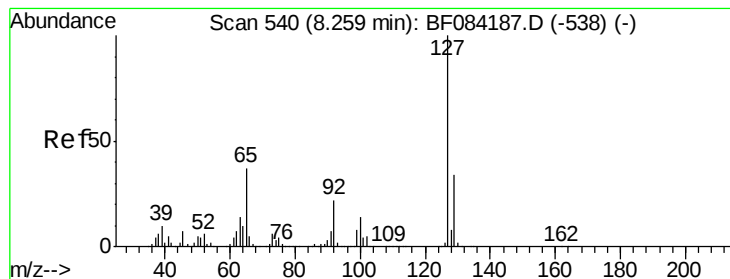


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 2.68 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

Tgt Ion:127 Resp: 52098

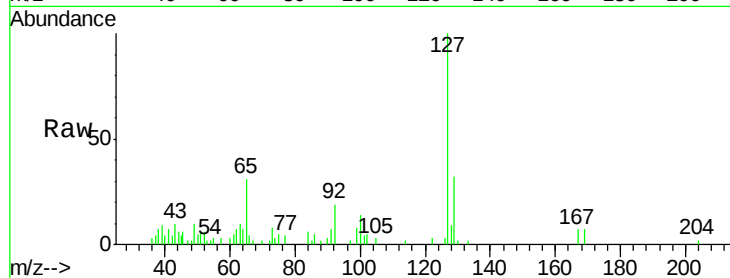
Ion Ratio Lower Upper

127 100

129 32.4 26.5 39.7

65 31.4 27.2 40.8

92 19.1 17.7 26.5

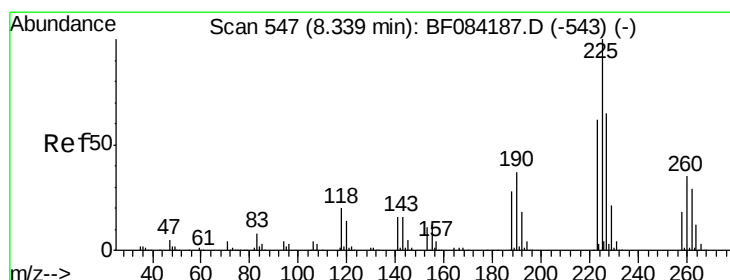
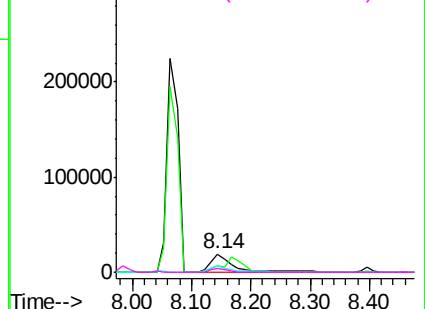
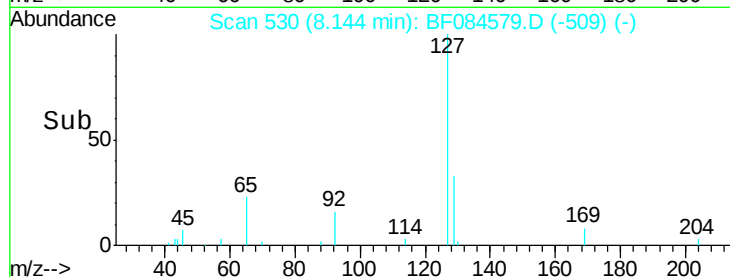


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.19 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

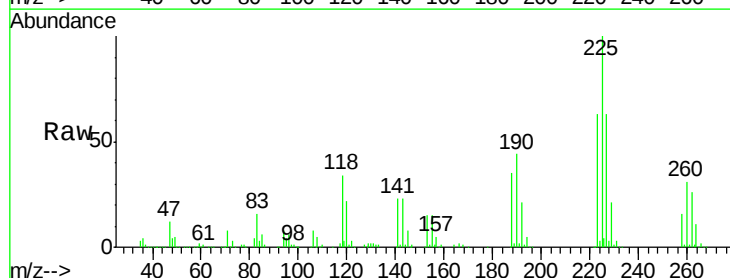
Tgt Ion:225 Resp: 366221

Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.0

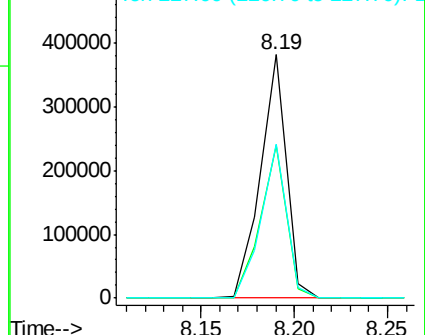
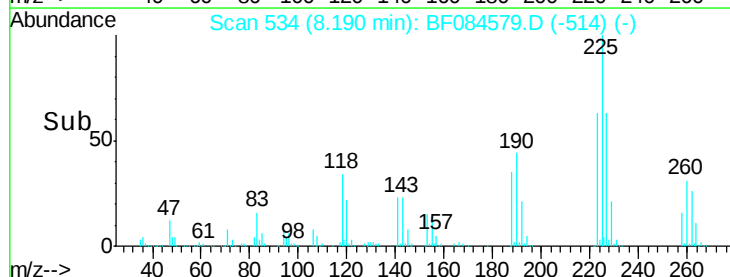
227 63.1 50.8 76.2

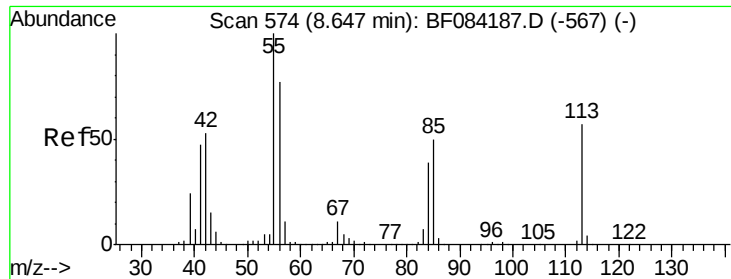


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

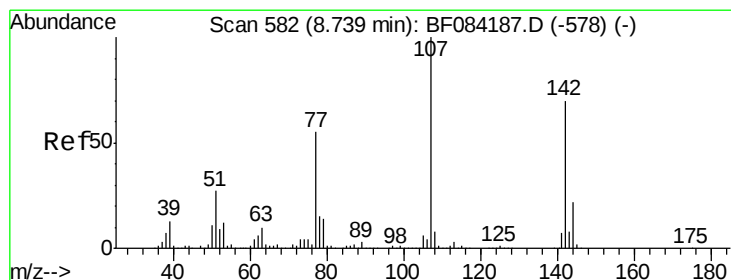
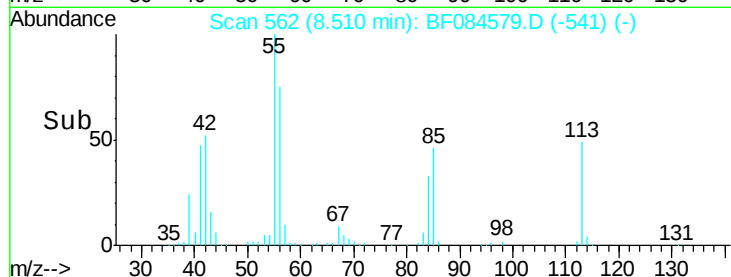
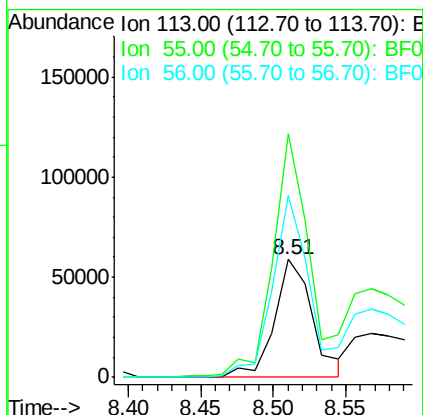
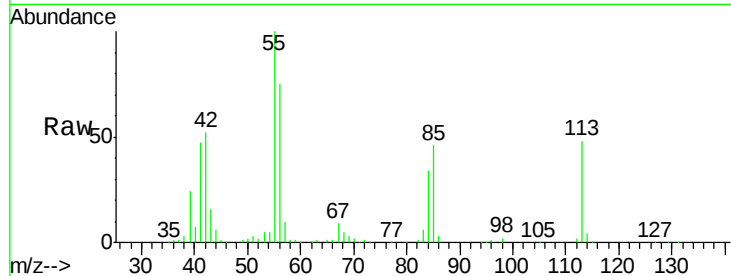




#35
 Caprolactam
 Concen: 24.39 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.06 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

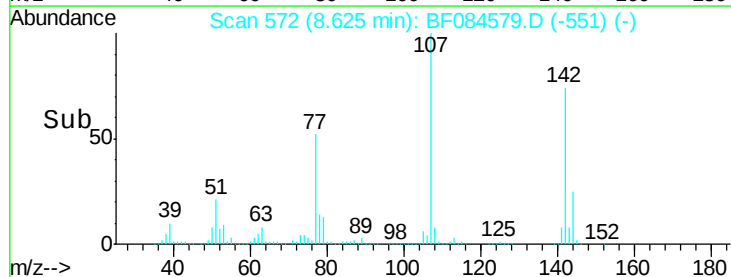
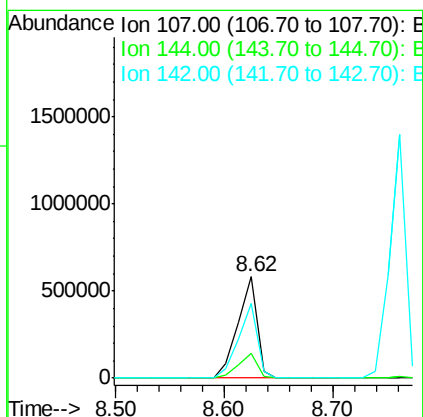
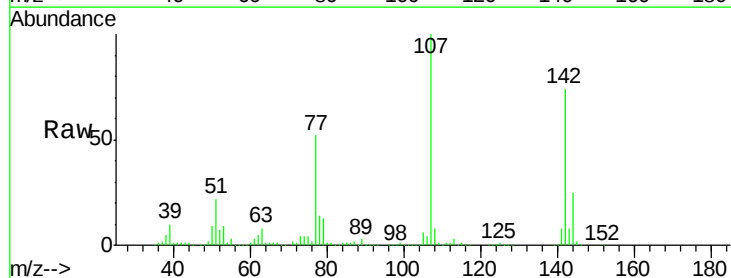
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

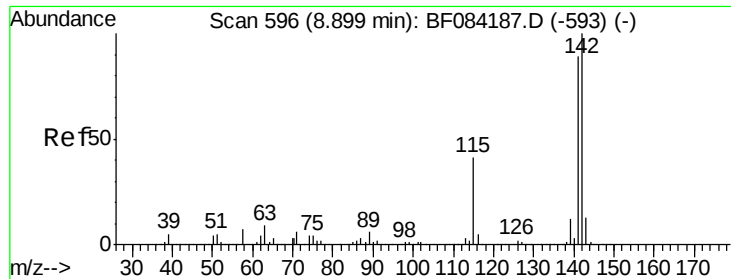
Tgt Ion:113 Resp: 107520
 Ion Ratio Lower Upper
 113 100
 55 206.6 116.9 156.9#
 56 154.9 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 48.09 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:107 Resp: 704341
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 74.3 61.8 92.6

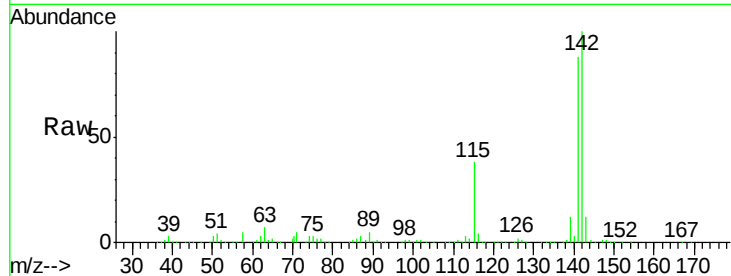




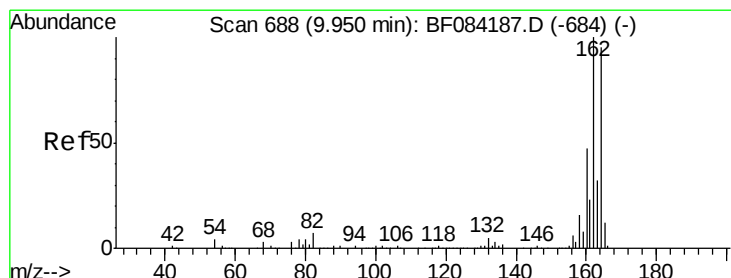
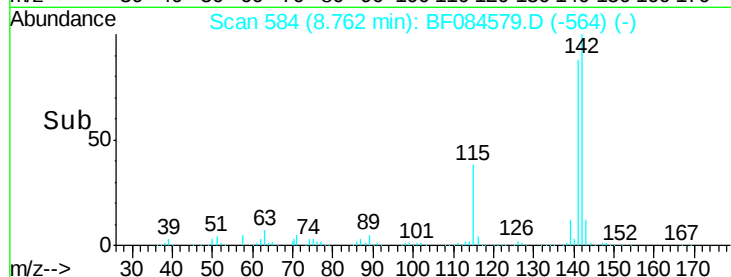
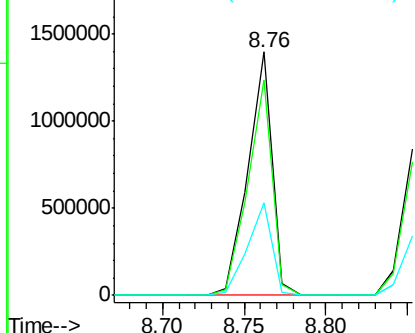
#37
2-Methylnaphthalene
Concen: 47.36 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:142 Resp: 1442375
Ion Ratio Lower Upper
142 100
141 88.3 72.4 108.6
115 38.0 27.9 41.9

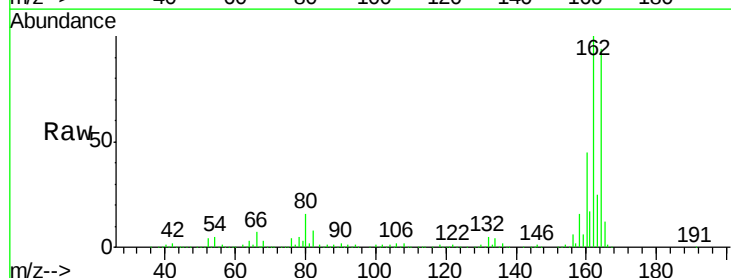


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

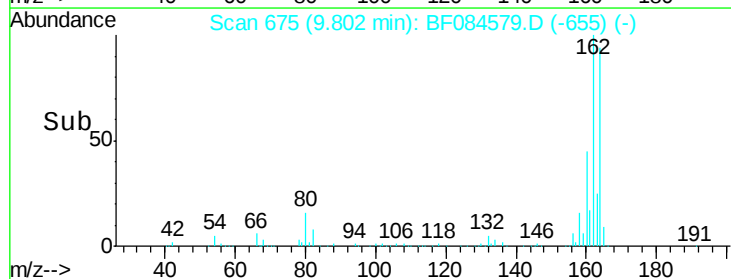
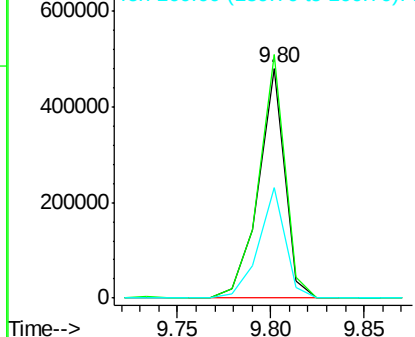


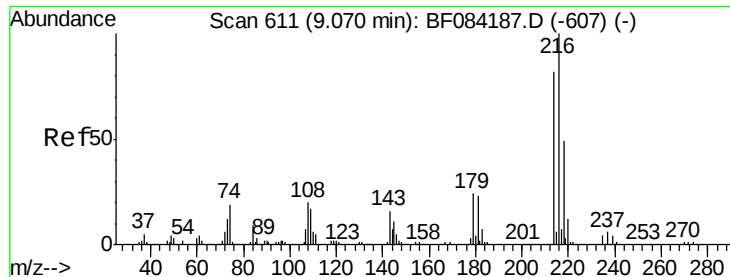
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:164 Resp: 464432
Ion Ratio Lower Upper
164 100
162 105.9 85.1 127.7
160 47.8 37.5 56.3



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

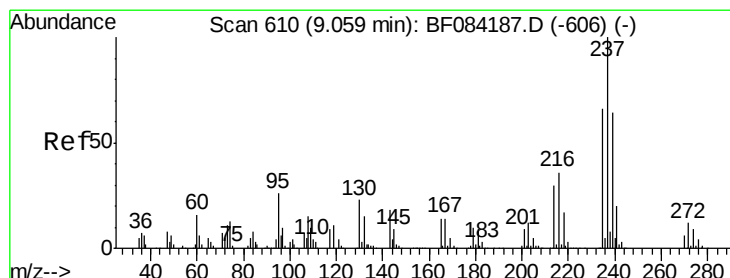
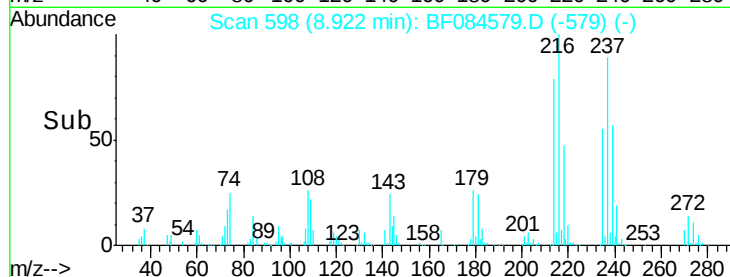
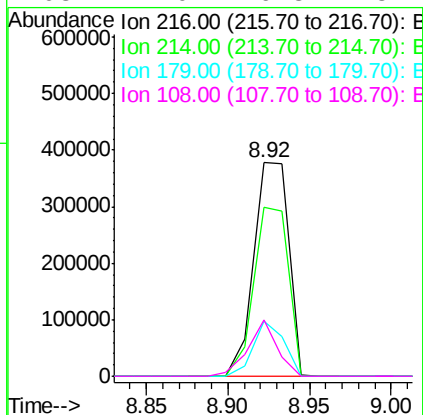
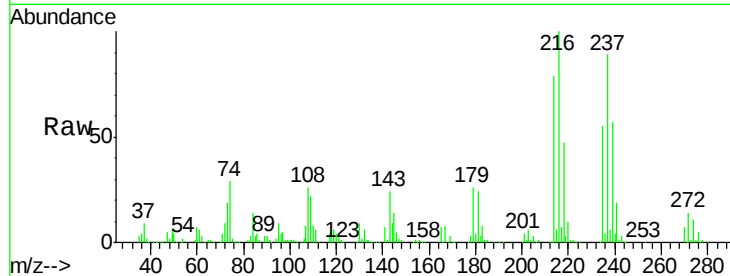




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.21 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.08 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

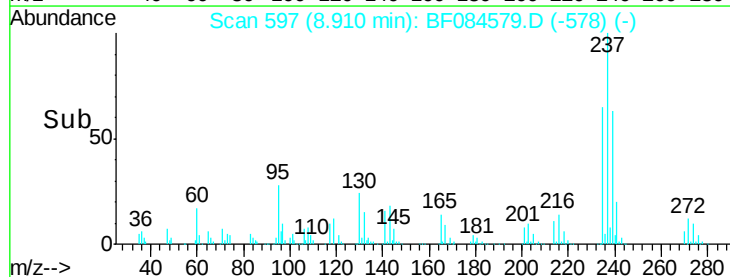
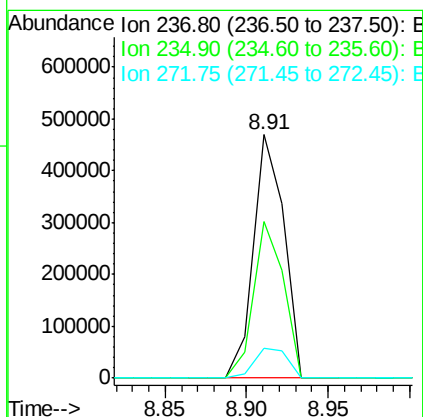
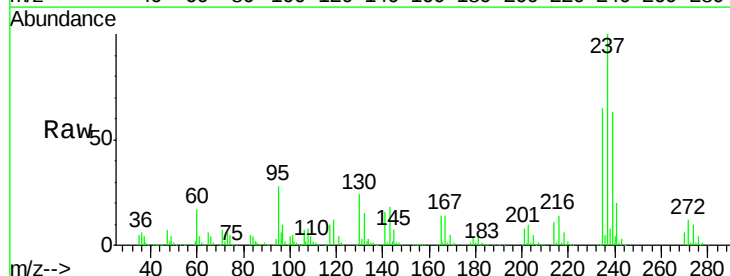
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

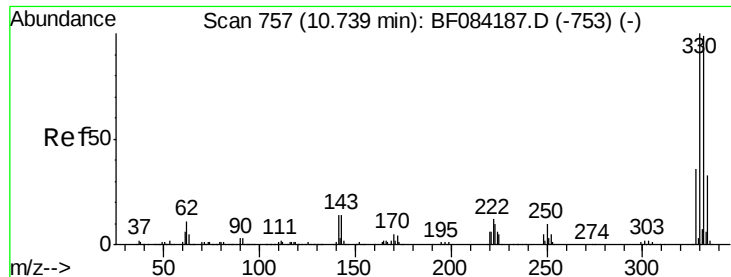
Tgt Ion:	216	Resp:	563516
Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.2	96.2
179	22.8	18.7	28.1
108	22.0	16.8	25.2



#40
 Hexachlorocyclopentadiene
 Concen: 75.54 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.08 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:	237	Resp:	608889
Ion	Ratio	Lower	Upper
237	100		
235	64.5	43.1	83.1
272	12.0	0.0	35.1

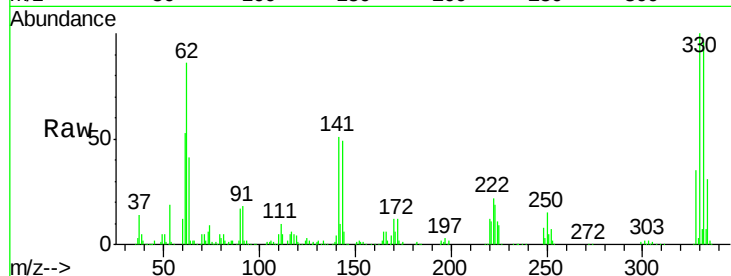




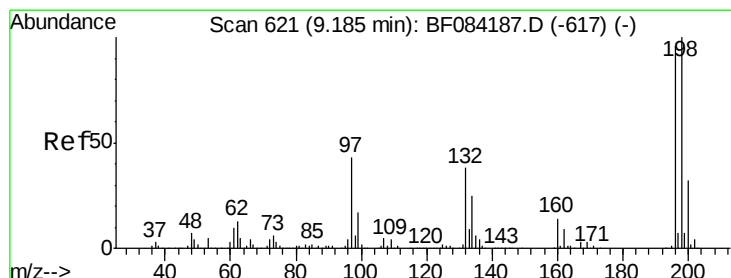
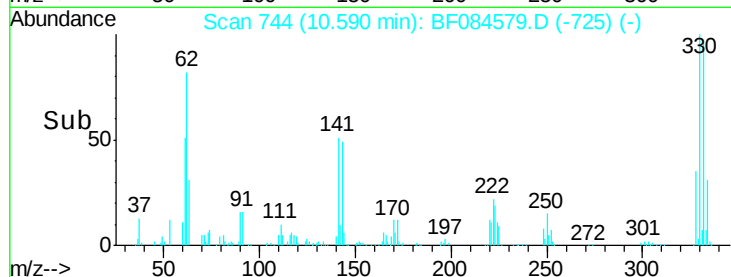
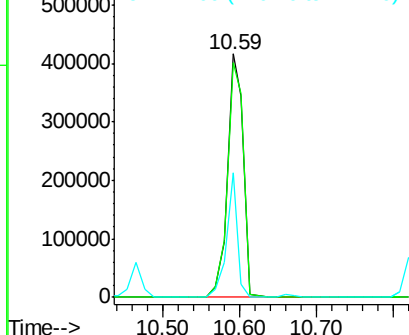
#41
 2,4,6-Tribromophenol
 Concen: 129.99 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion:330 Resp: 609495
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 114.8
 141 35.5 27.8 41.6

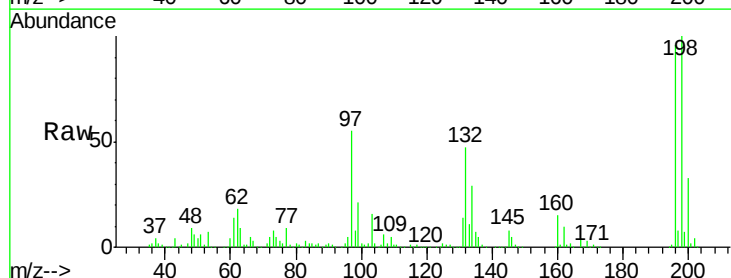


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

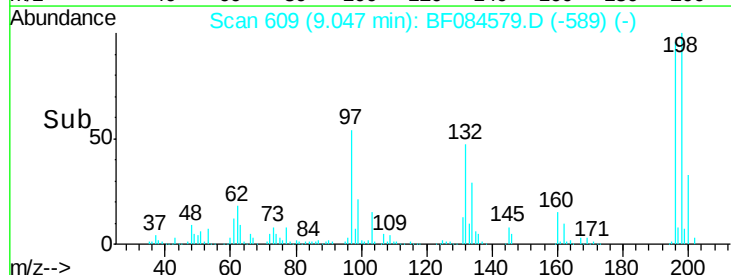
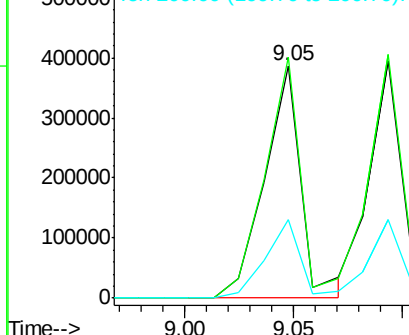


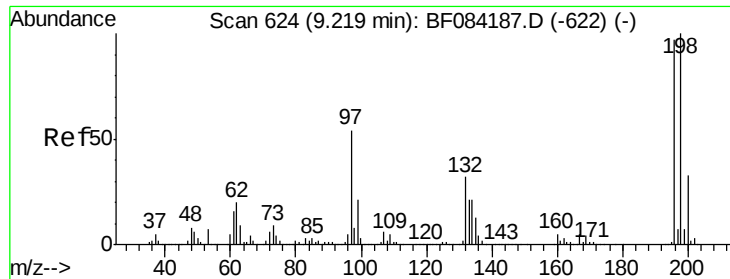
#42
 2,4,6-Trichlorophenol
 Concen: 45.61 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:196 Resp: 455618
 Ion Ratio Lower Upper
 196 100
 198 104.0 77.7 116.5
 200 33.9 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

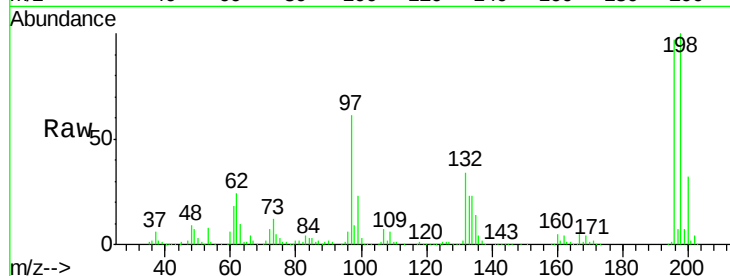




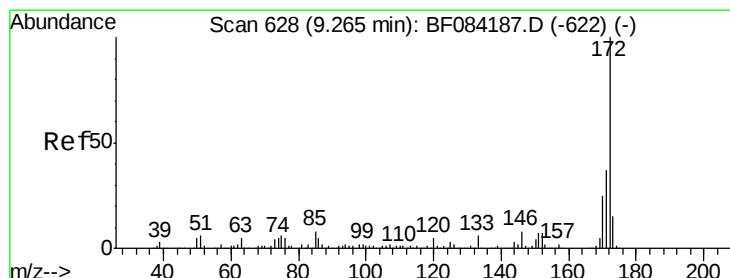
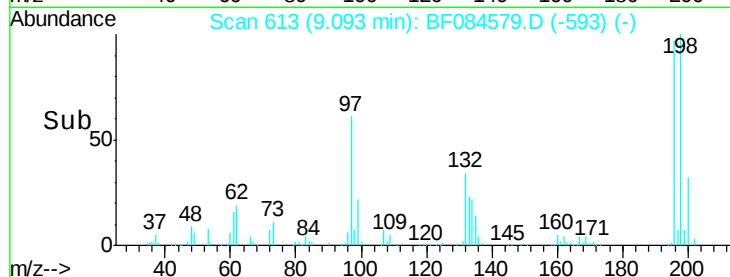
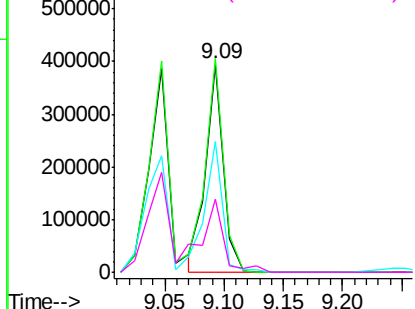
#43
 2,4,5-Trichlorophenol
 Concen: 42.86 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion:196 Resp: 410411
 Ion Ratio Lower Upper
 196 100
 198 102.9 79.0 118.6
 97 63.1 33.0 49.6#
 132 34.9 21.1 31.7#

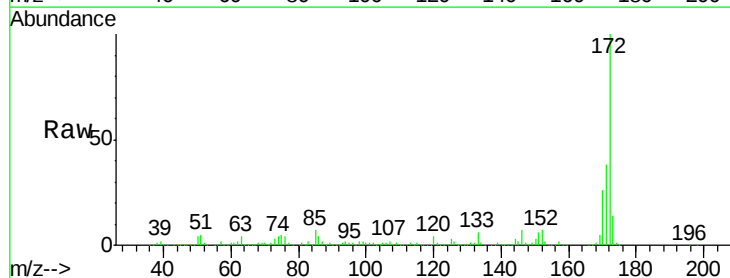


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

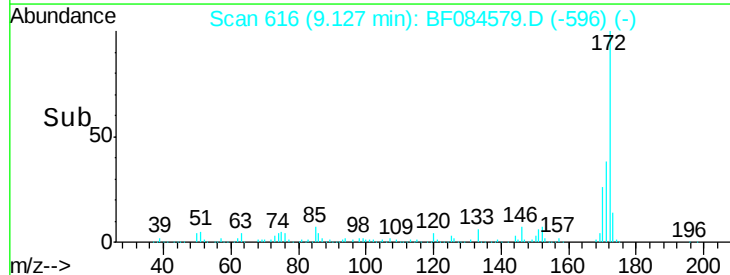
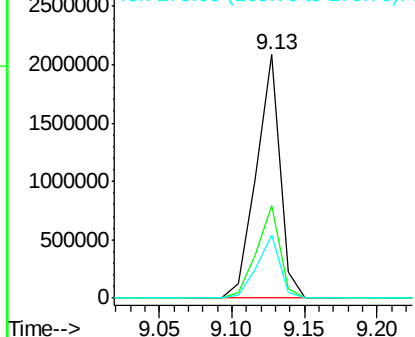


#44
 2-Fluorobiphenyl
 Concen: 89.98 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:172 Resp: 2365833
 Ion Ratio Lower Upper
 172 100
 171 37.8 28.9 43.3
 170 25.8 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

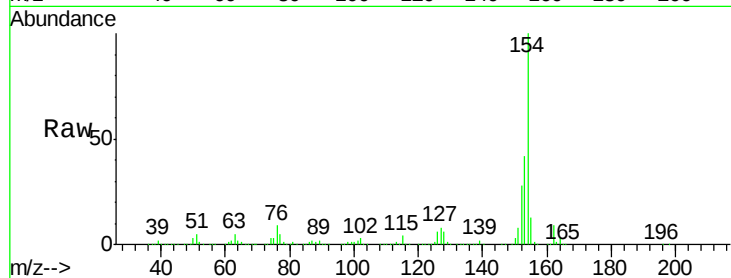




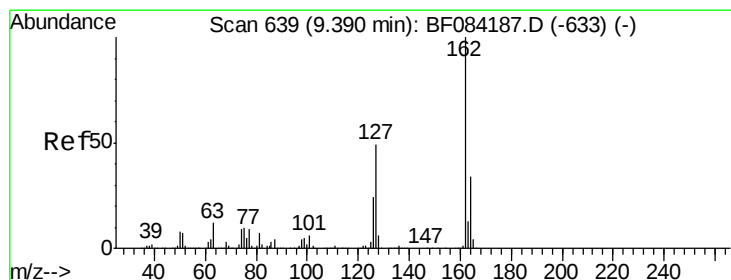
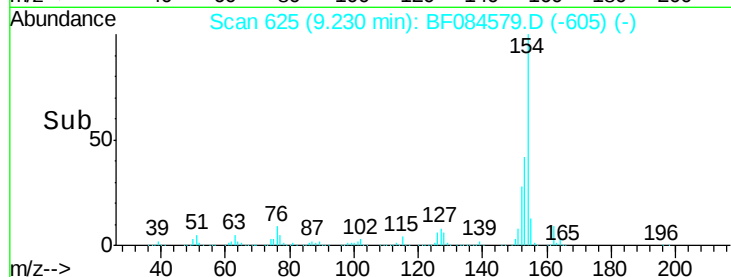
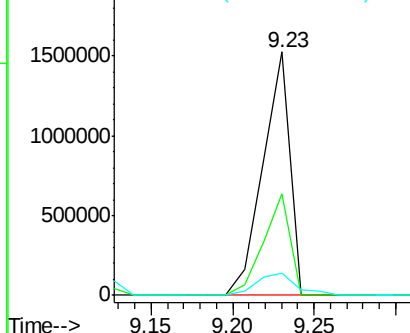
#45
1,1'-Biphenyl
Concen: 47.47 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:154 Resp: 1752222
Ion Ratio Lower Upper
154 100
153 41.7 21.6 61.6
76 9.2 0.0 32.7

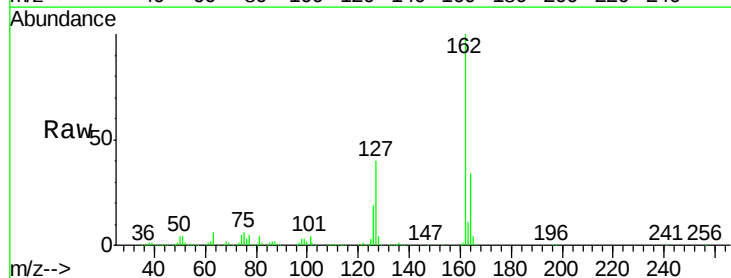


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

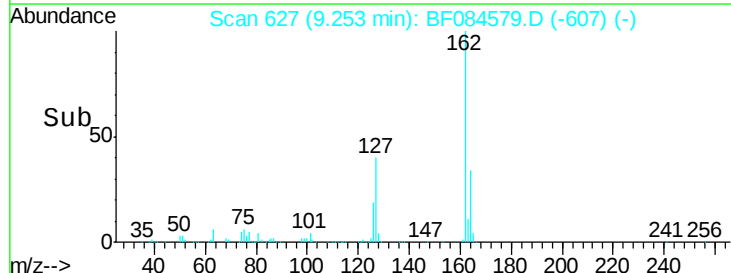
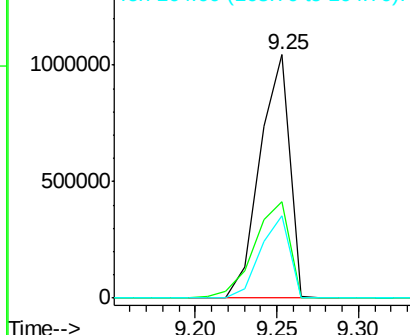


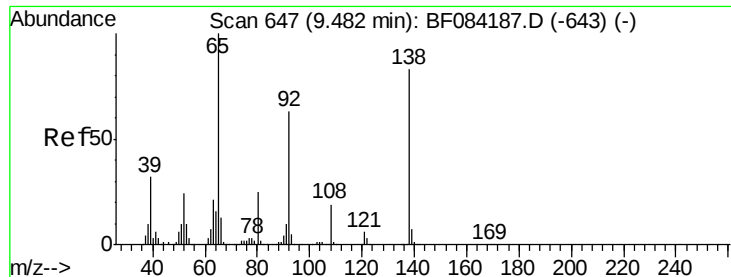
#46
2-Chloronaphthalene
Concen: 45.54 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:162 Resp: 1320286
Ion Ratio Lower Upper
162 100
127 39.7 40.2 60.4#
164 33.9 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

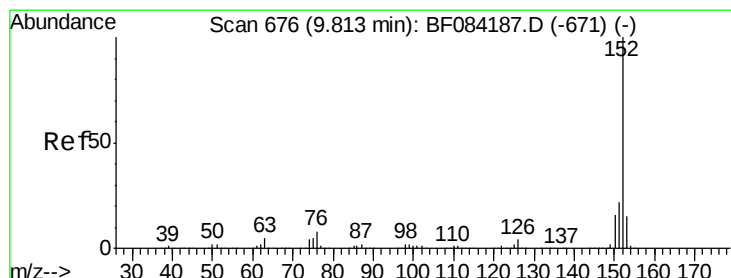
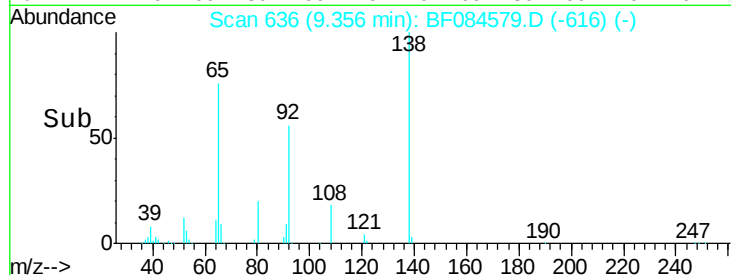
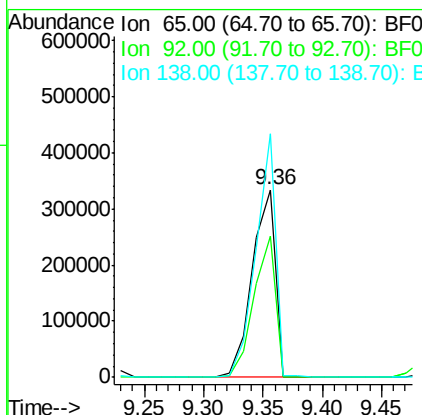
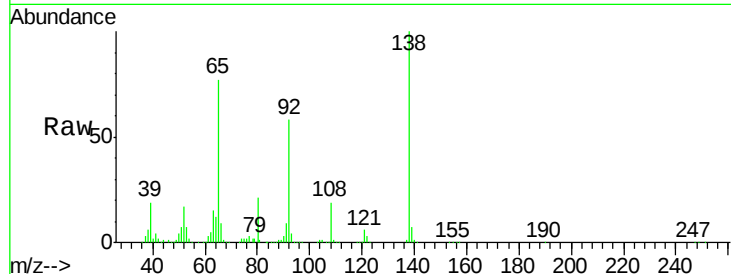




#47
2-Nitroaniline
Concen: 47.80 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

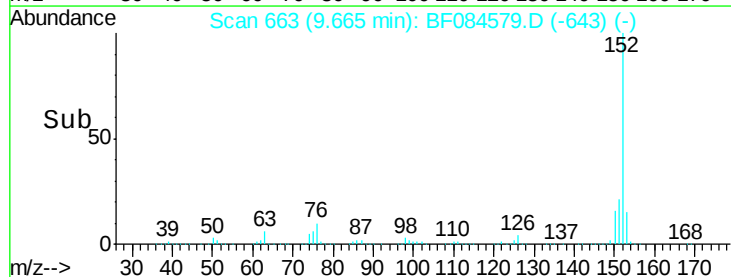
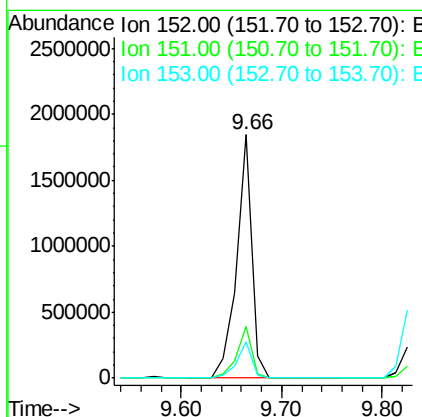
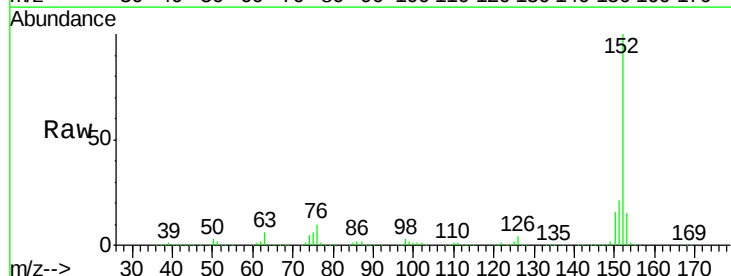
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

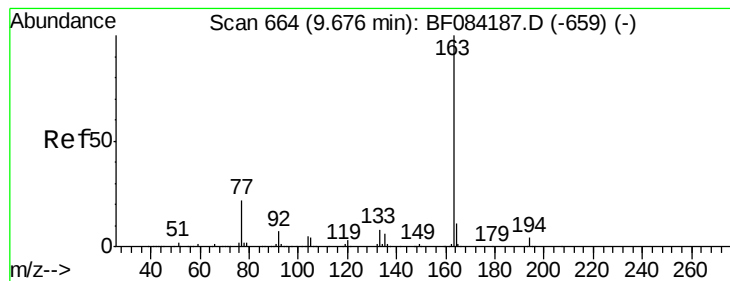
Tgt Ion: 65 Resp: 457377
Ion Ratio Lower Upper
65 100
92 74.9 53.4 80.2
138 129.7 71.1 106.7#



#48
Acenaphthylene
Concen: 44.89 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion: 152 Resp: 1923057
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 15.0 10.4 15.6





#49

Dimethylphthalate

Concen: 45.53 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

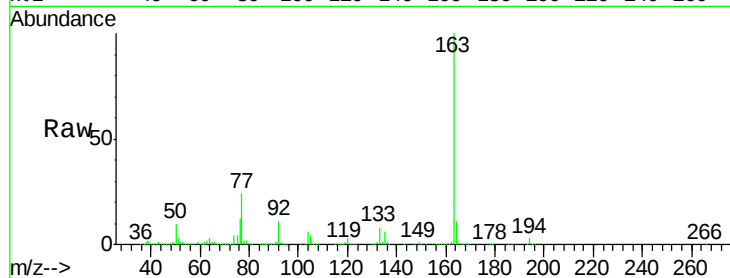
Tgt Ion:163 Resp: 1511547

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

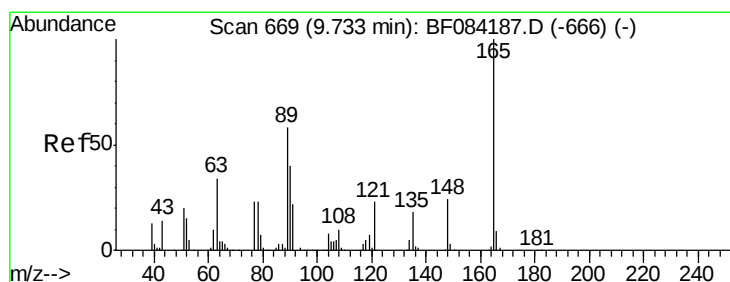
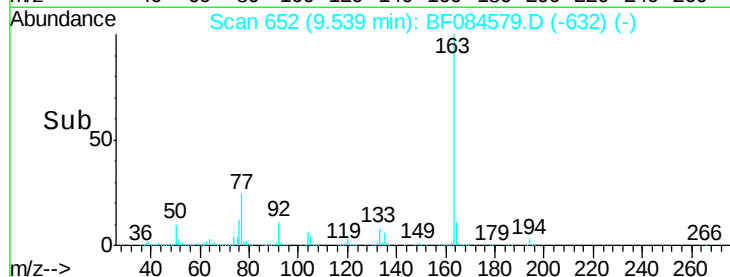
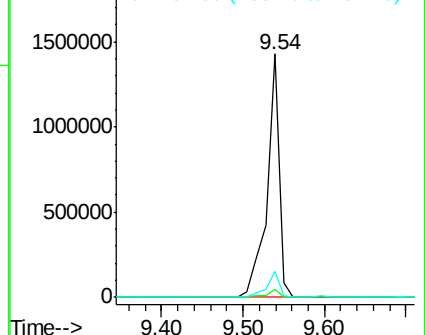
164 10.7 8.0 12.0



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: 45.99 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

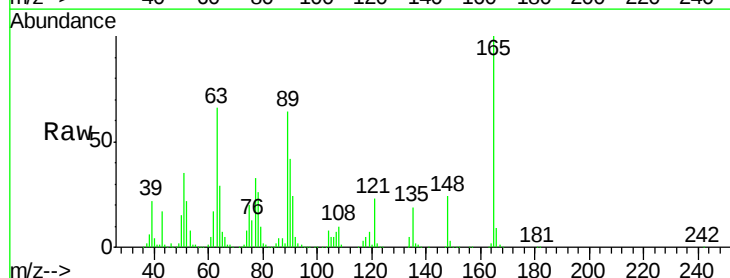
Tgt Ion:165 Resp: 334923

Ion Ratio Lower Upper

165 100

63 65.7 28.8 43.2#

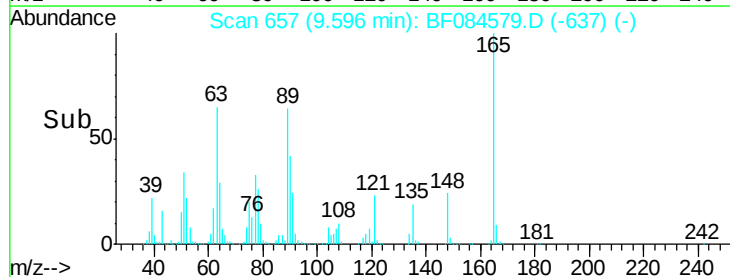
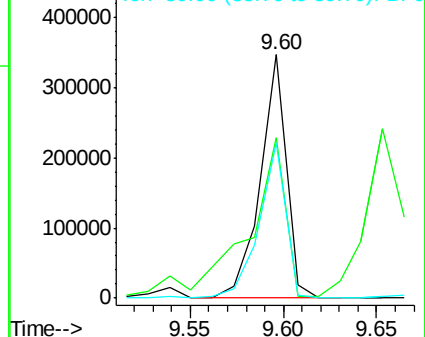
89 63.8 35.1 52.7#

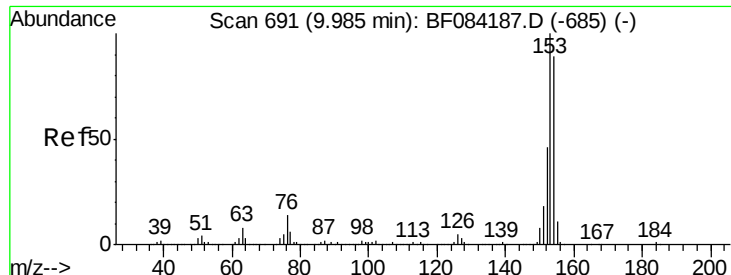


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.25 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

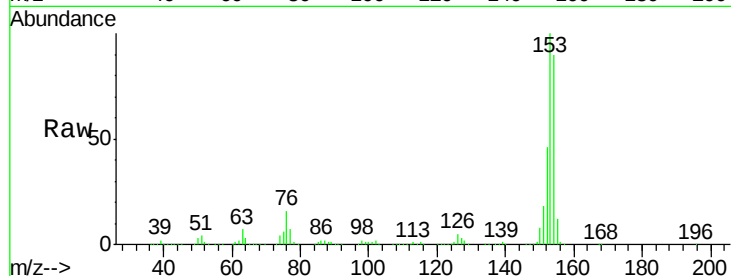
Tgt Ion:154 Resp: 1328797

Ion Ratio Lower Upper

154 100

153 111.5 91.5 137.3

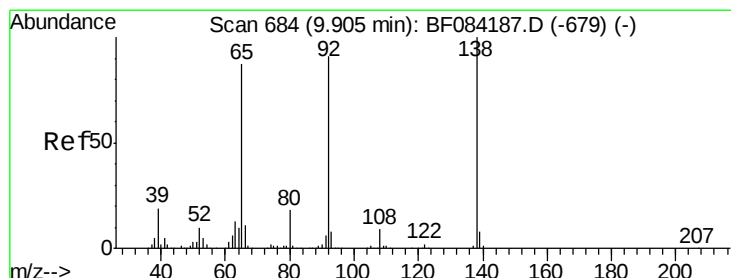
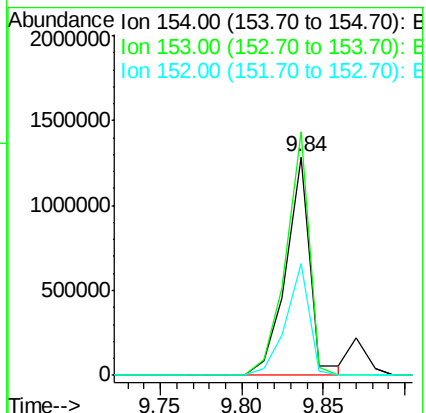
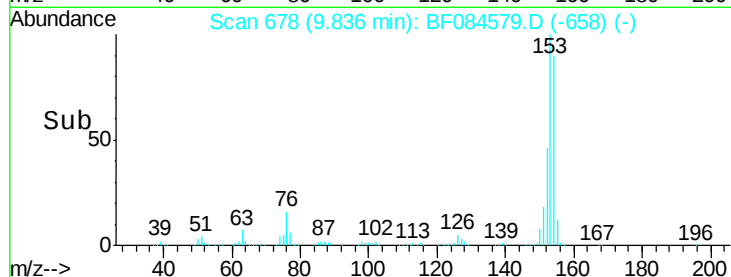
152 51.0 43.0 64.6



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: 10.59 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.08 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

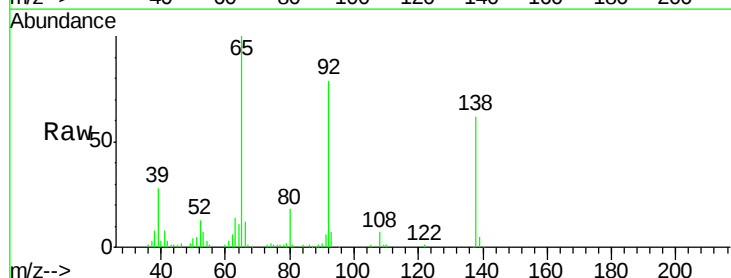
Tgt Ion:138 Resp: 95573

Ion Ratio Lower Upper

138 100

108 11.5 10.5 15.7

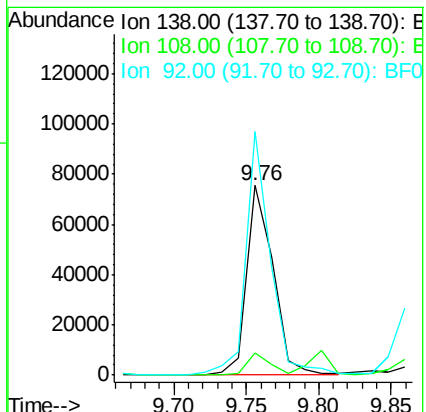
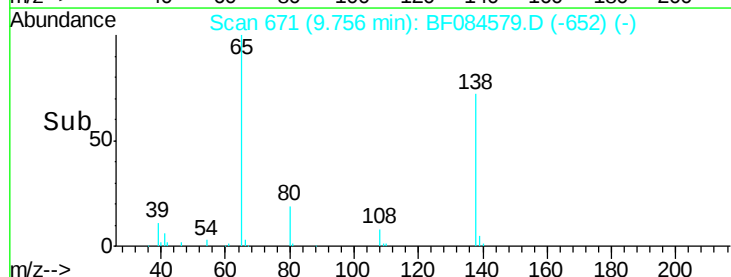
92 128.3 103.9 155.9



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

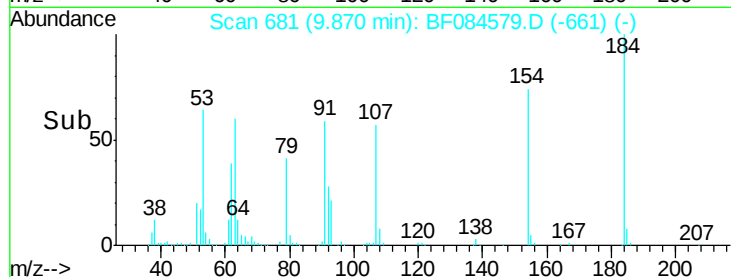
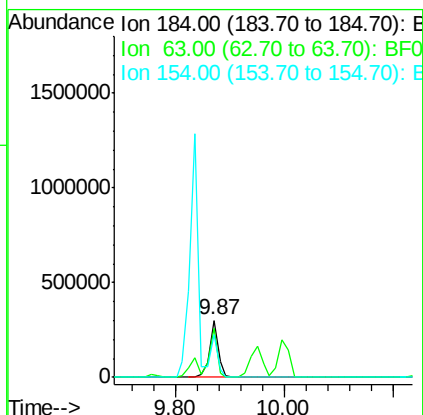
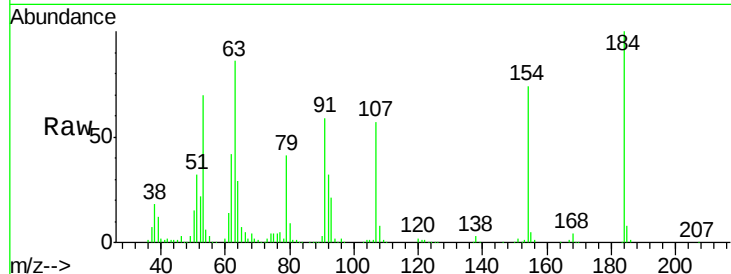




#53
2,4-Dinitrophenol
Concen: 112.08 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

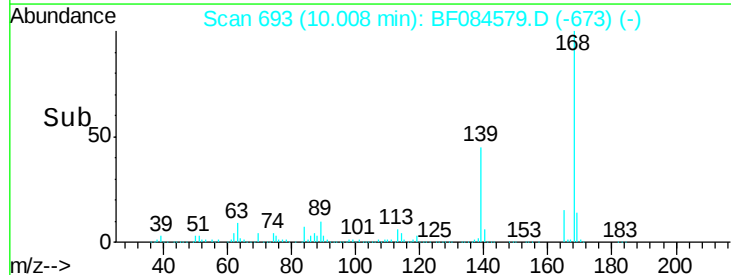
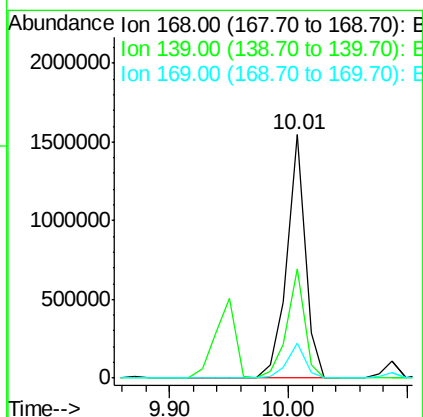
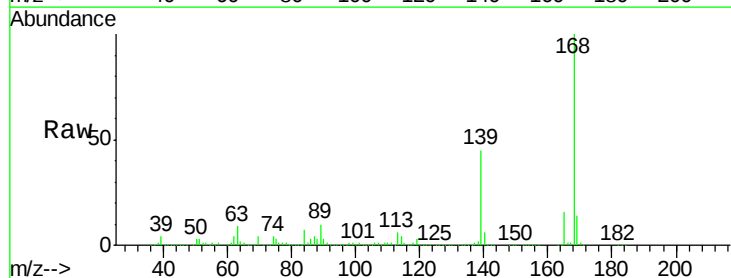
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

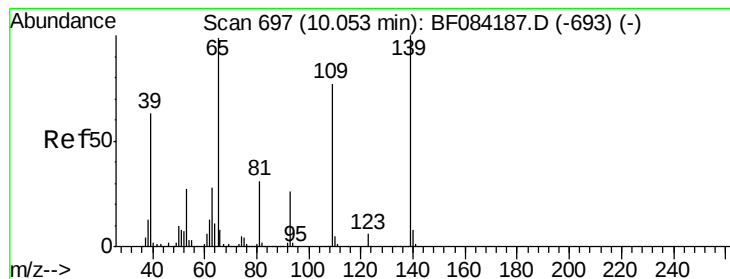
Tgt Ion:184 Resp: 352313
Ion Ratio Lower Upper
184 100
63 86.5 43.1 64.7#
154 74.3 60.5 90.7



#54
Dibenzofuran
Concen: 44.35 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:168 Resp: 1651873
Ion Ratio Lower Upper
168 100
139 44.8 30.5 45.7
169 14.2 10.4 15.6





#55

4-Nitrophenol

Concen: 90.55 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

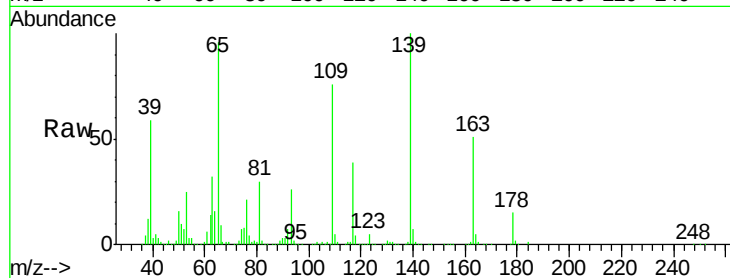
Tgt Ion:139 Resp: 593090

Ion Ratio Lower Upper

139 100

109 76.4 58.5 98.5

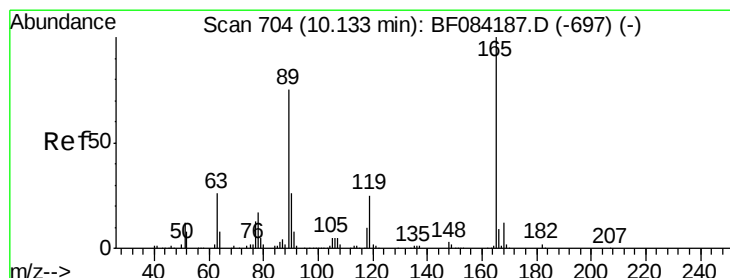
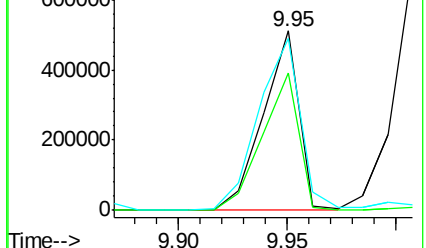
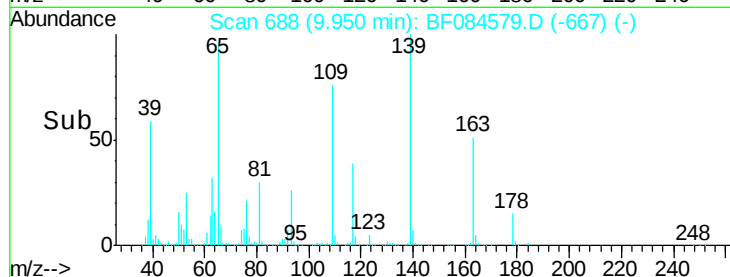
65 95.5 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.85 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Tgt Ion:165 Resp: 422532

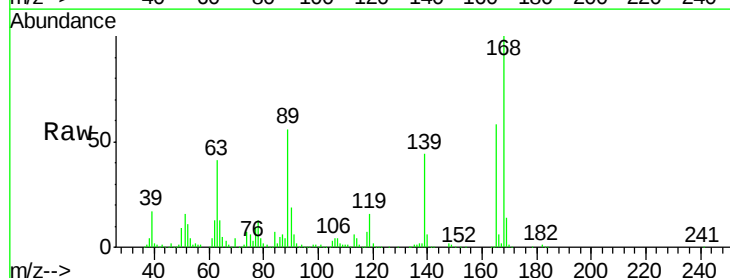
Ion Ratio Lower Upper

165 100

63 71.4 36.7 55.1#

89 97.5 61.9 92.9#

182 2.0 2.0 3.0

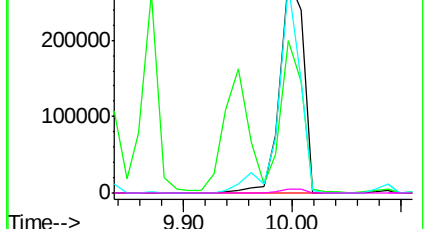
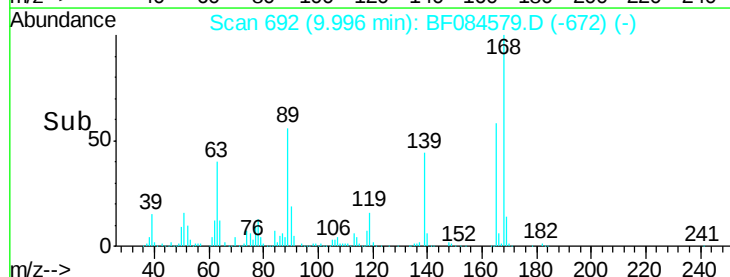


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.31 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

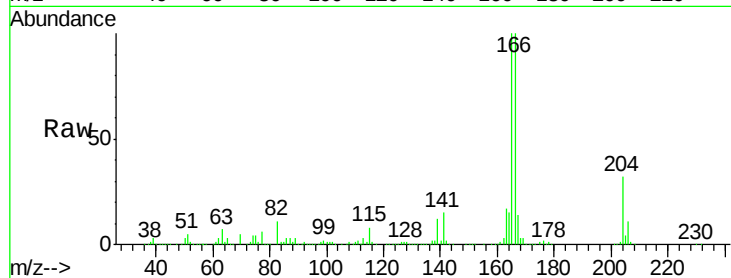
Tgt Ion:166 Resp: 1330607

Ion Ratio Lower Upper

166 100

165 100.0 79.1 118.7

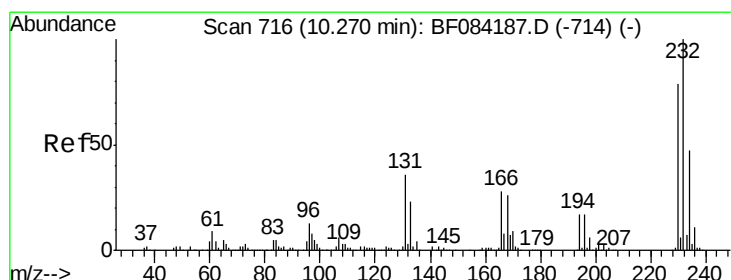
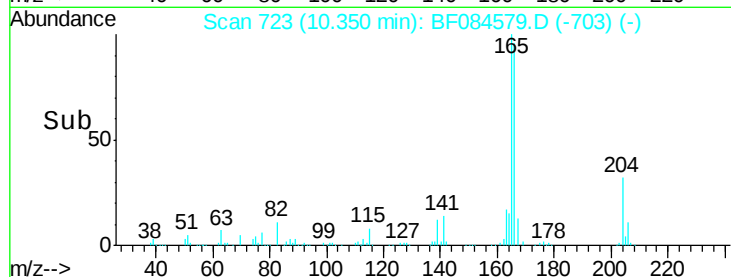
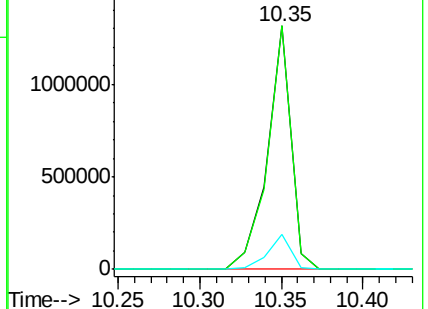
167 14.3 10.4 15.6



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: 46.91 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Tgt Ion:232 Resp: 383522

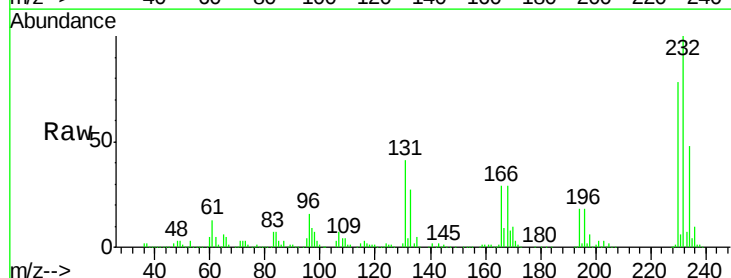
Ion Ratio Lower Upper

232 100

131 48.6 47.0 70.6

130 2.4 2.0 3.0

166 31.5 30.5 45.7

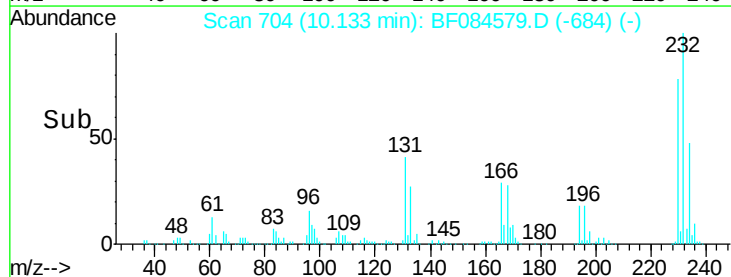
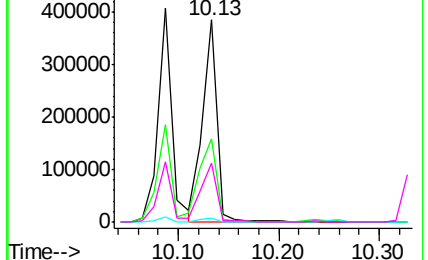


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.62 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

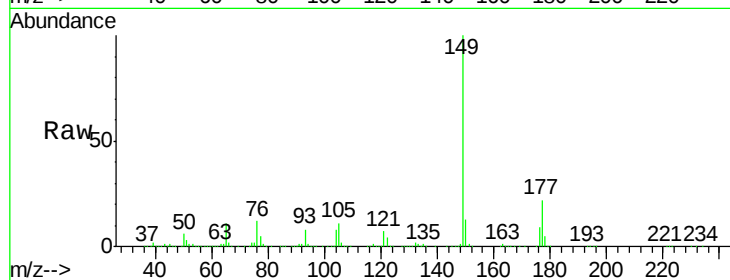
Tgt Ion:149 Resp: 1460627

Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

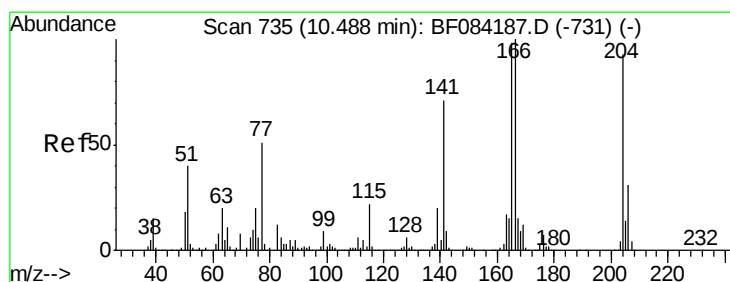
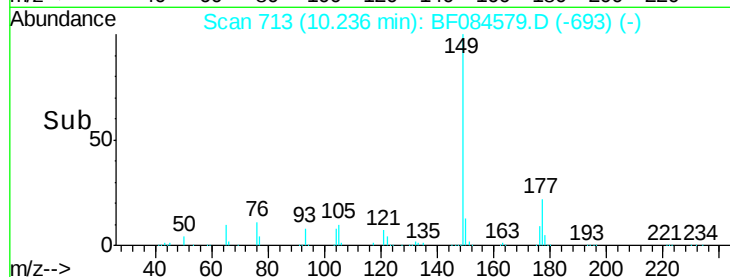
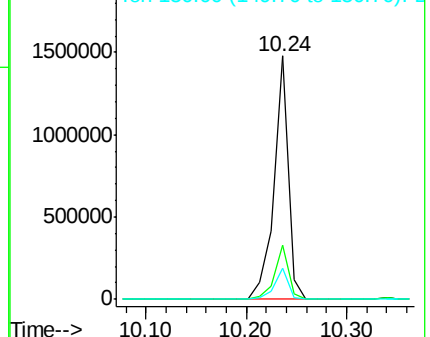
150 12.9 9.8 14.8



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: 50.65 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

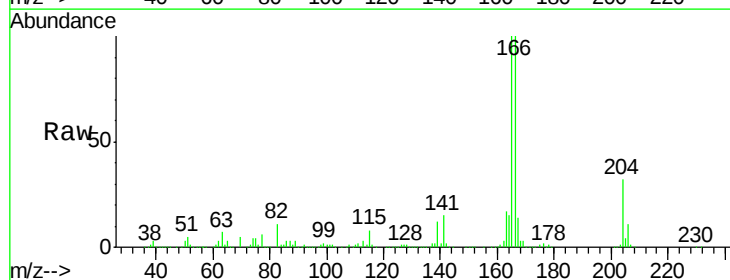
Tgt Ion:204 Resp: 602953

Ion Ratio Lower Upper

204 100

206 33.6 25.7 38.5

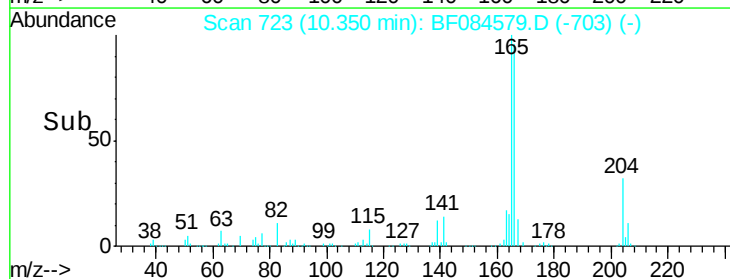
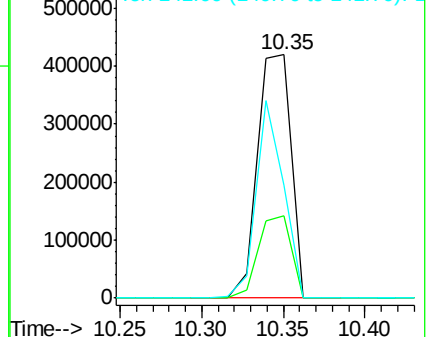
141 46.4 55.1 82.7#

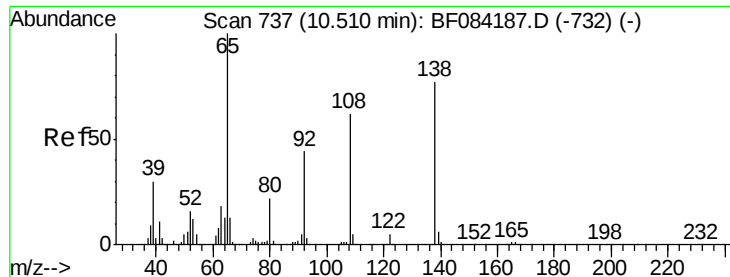


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

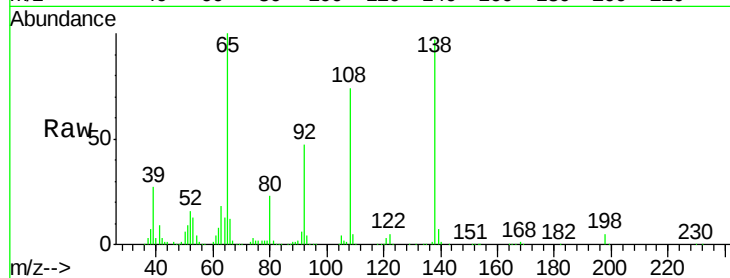




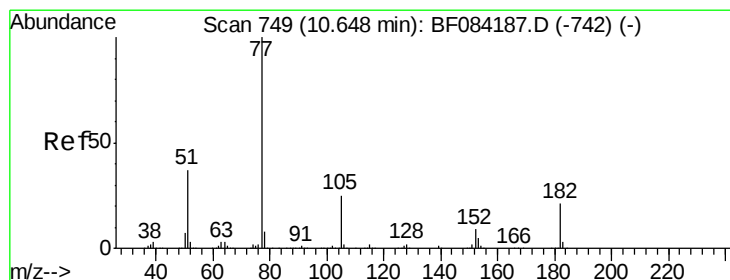
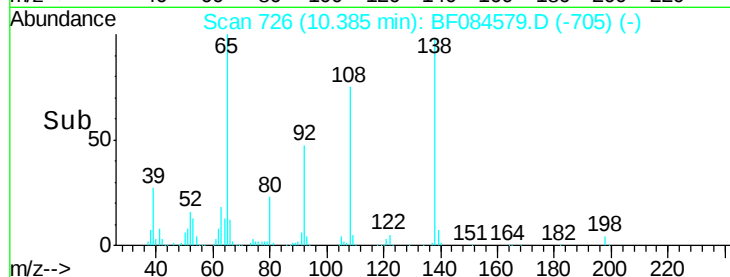
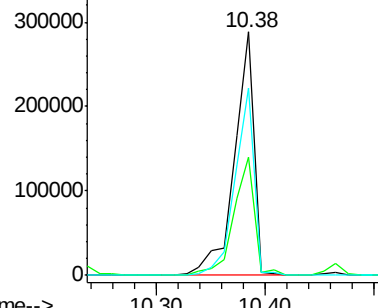
#61
4-Nitroaniline
Concen: 45.42 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.06 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:138 Resp: 365342
Ion Ratio Lower Upper
138 100
92 48.5 32.6 72.6
108 76.8 68.6 108.6

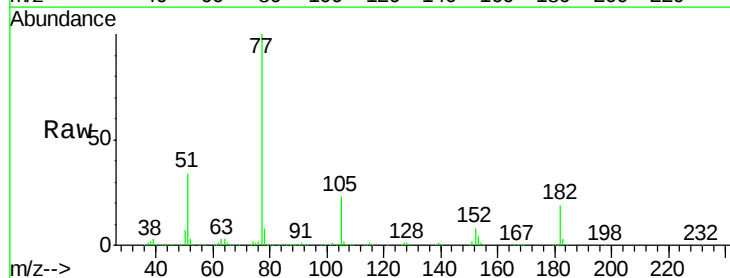


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

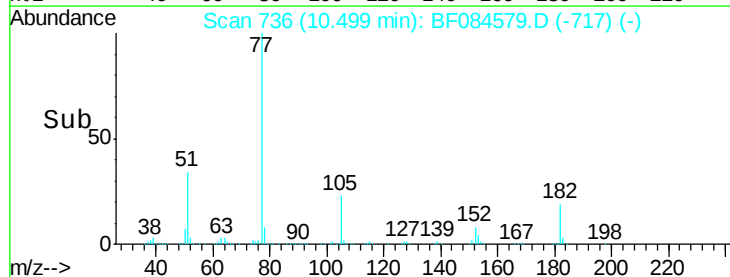
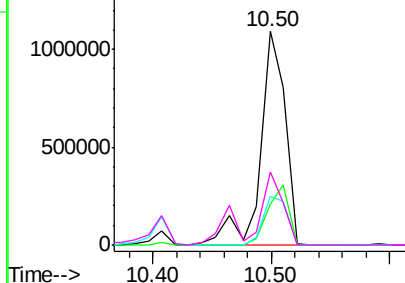


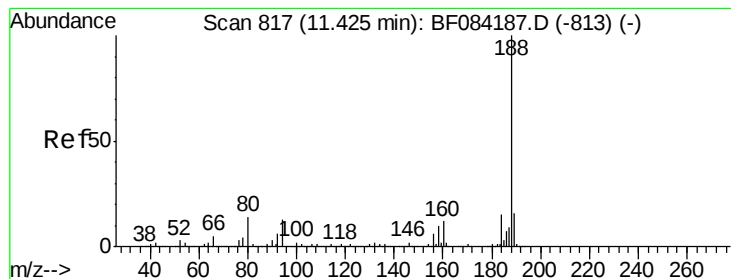
#62
Azobenzene
Concen: 44.26 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.08 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion: 77 Resp: 1589153
Ion Ratio Lower Upper
77 100
182 19.1 8.3 48.3
105 22.7 4.6 44.6
51 34.4 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

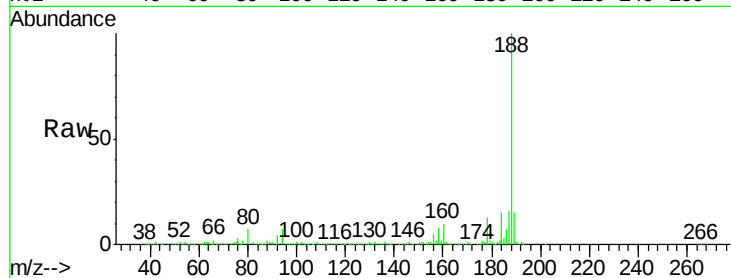
Tgt Ion:188 Resp: 834545

Ion Ratio Lower Upper

188 100

94 6.6 9.0 13.4#

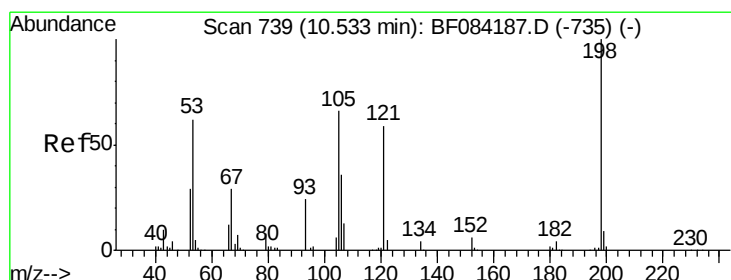
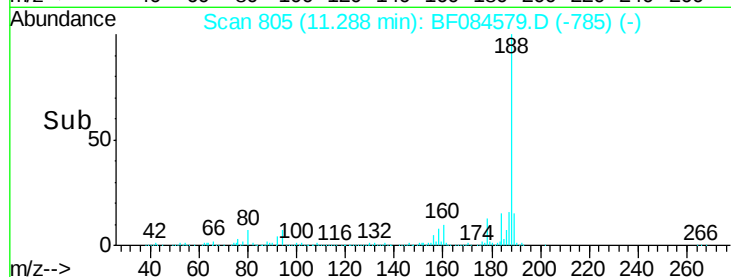
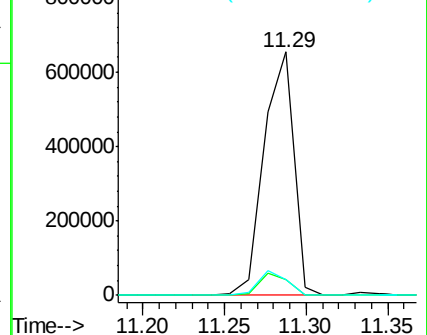
80 6.7 9.6 14.4#



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: 51.40 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

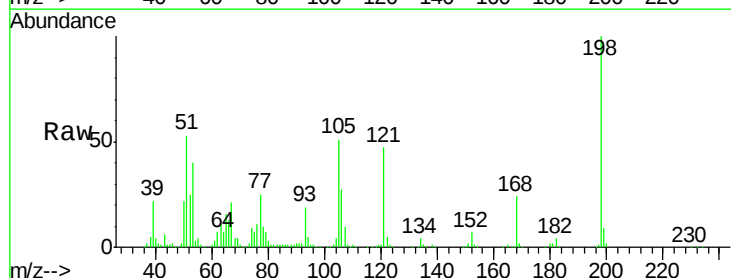
Tgt Ion:198 Resp: 257915

Ion Ratio Lower Upper

198 100

51 52.7 18.9 58.9

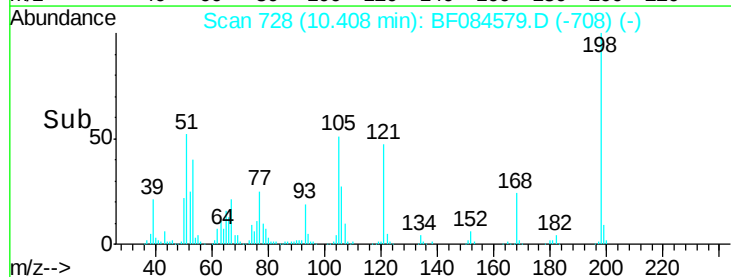
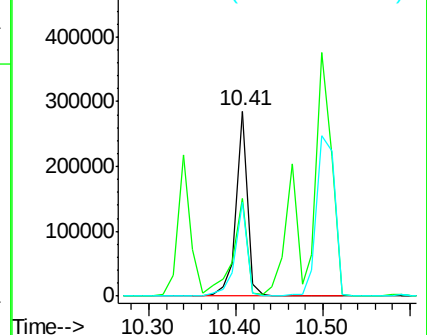
105 50.8 26.4 66.4

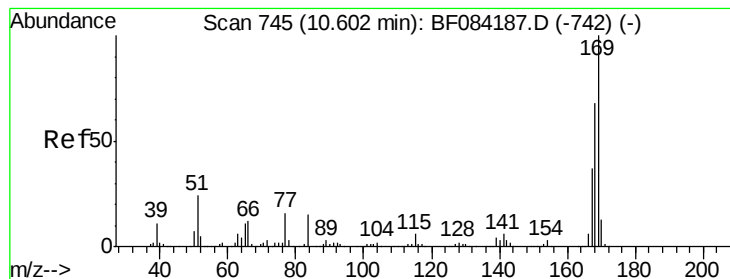


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.40 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

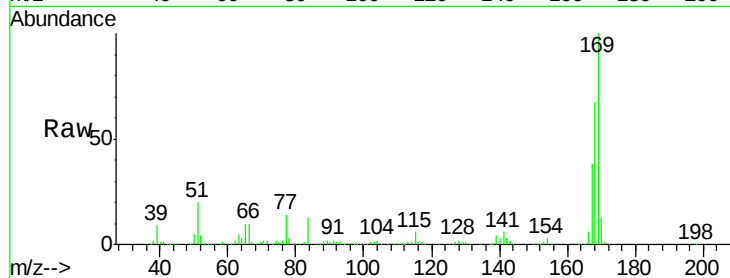
Tgt Ion:169 Resp: 1158030

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

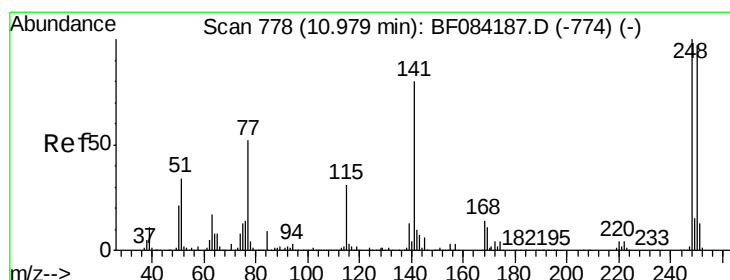
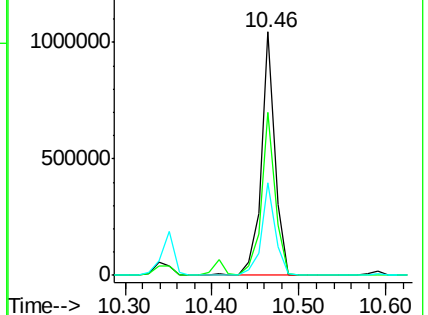
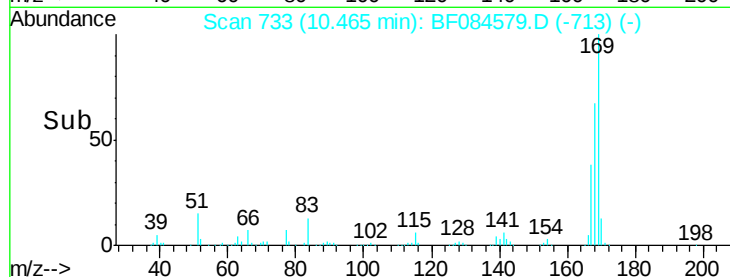
167 37.9 30.0 45.0



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: 43.45 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.08 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

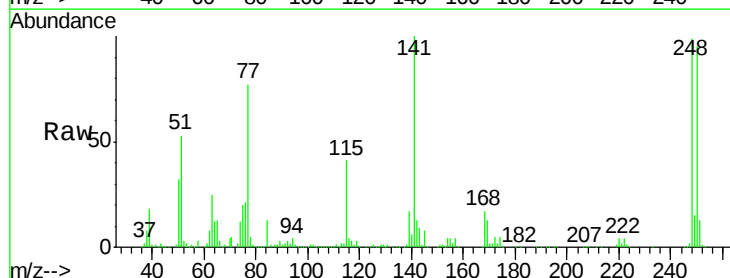
Tgt Ion:248 Resp: 390251

Ion Ratio Lower Upper

248 100

250 96.0 78.4 117.6

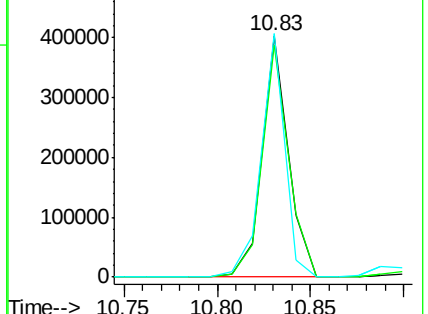
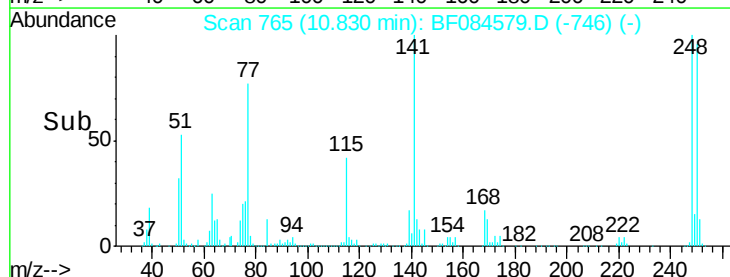
141 100.8 44.0 66.0#

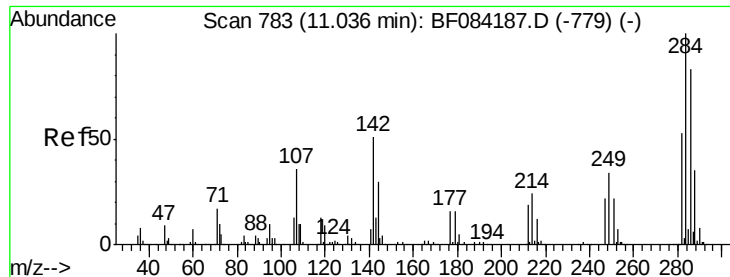


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

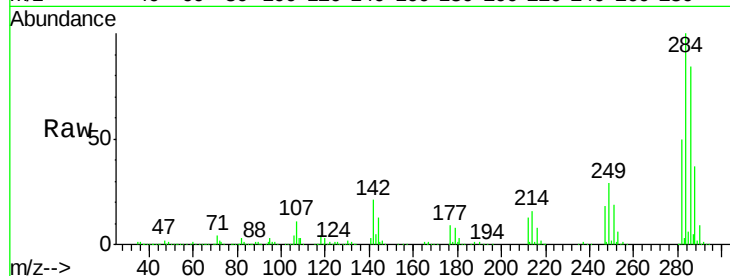




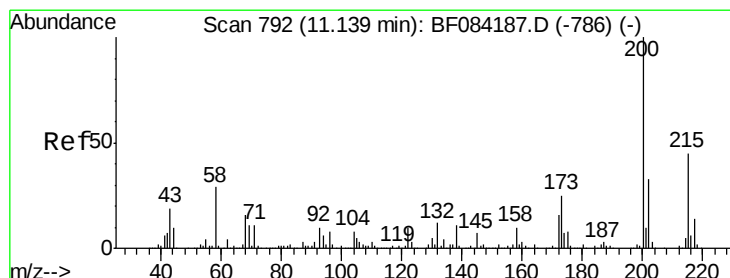
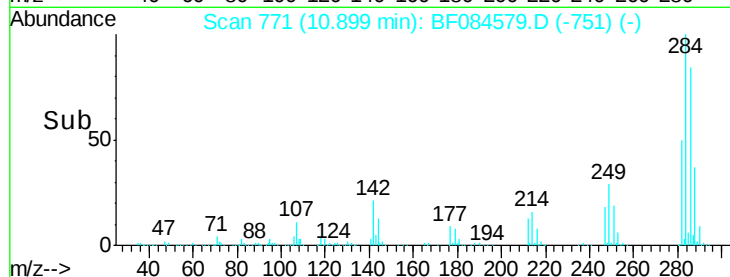
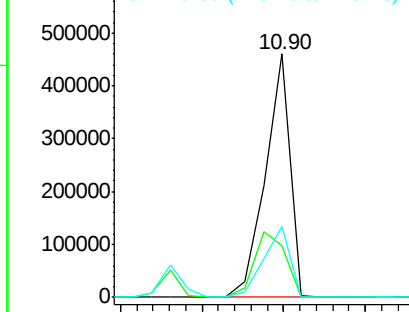
#67
Hexachlorobenzene
Concen: 47.94 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:284 Resp: 484643
Ion Ratio Lower Upper
284 100
142 21.3 22.2 33.4#
249 28.9 24.6 37.0

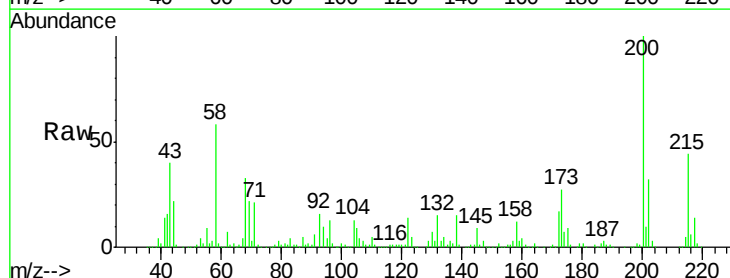


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

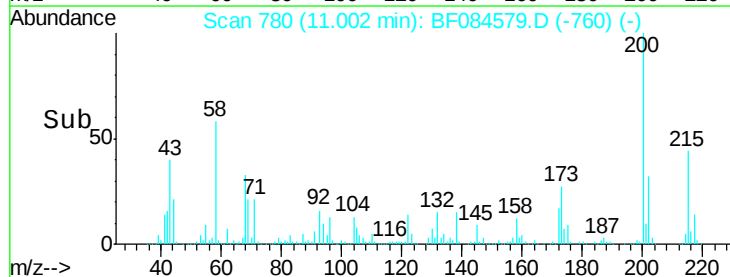
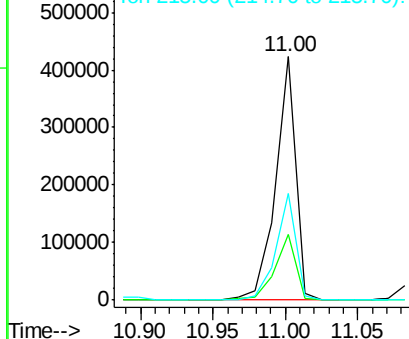


#68
Atrazine
Concen: 46.31 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.07 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:200 Resp: 404350
Ion Ratio Lower Upper
200 100
173 26.9 9.5 49.5
215 43.9 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

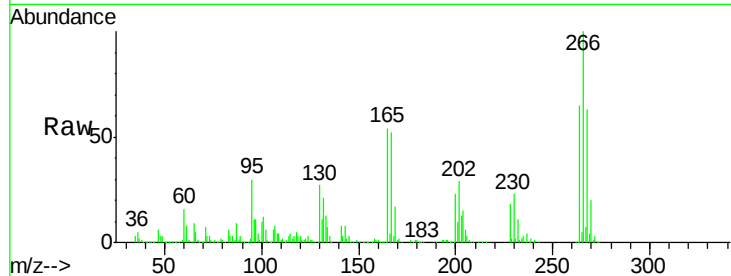




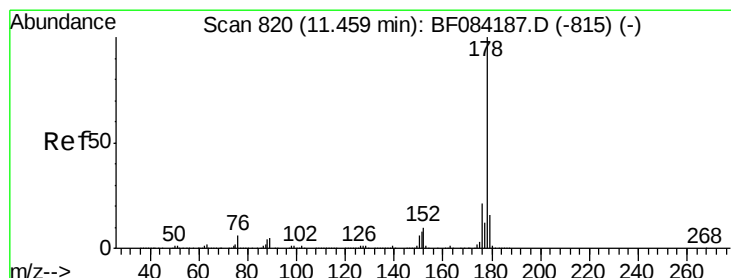
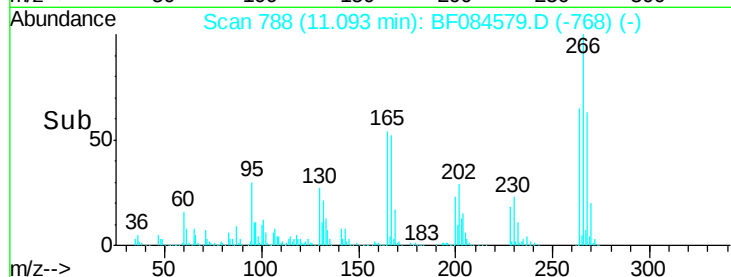
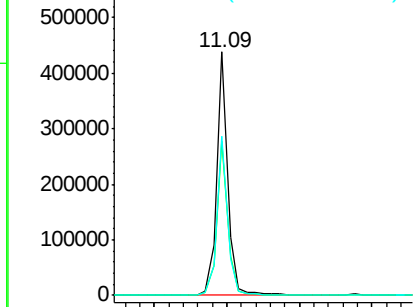
#69
 Pentachlorophenol
 Concen: 88.84 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion:266 Resp: 465694
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.4 78.6
 264 65.2 50.2 75.2

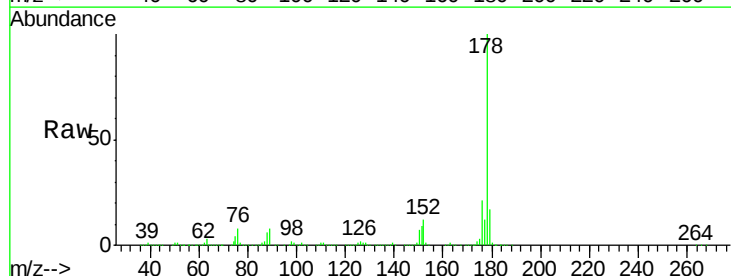


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

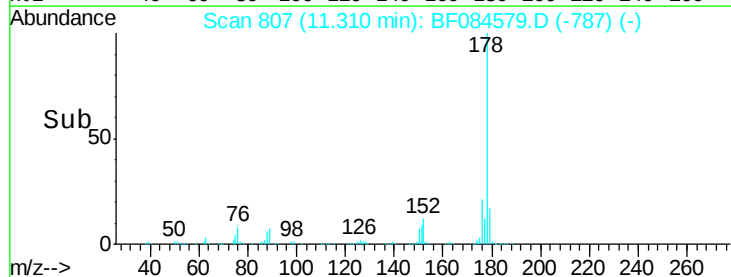
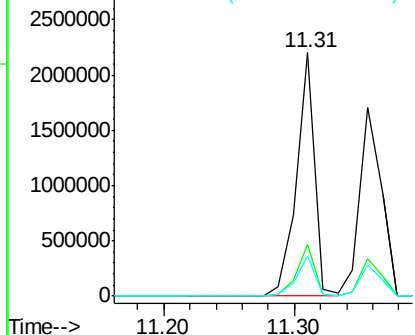


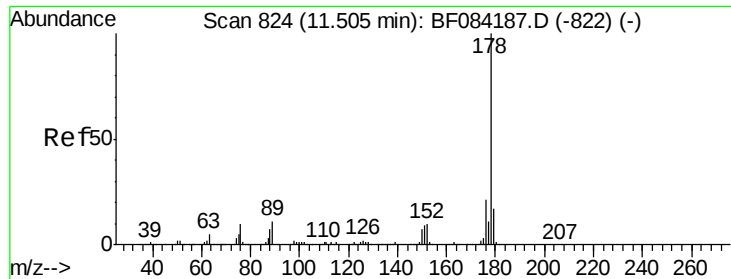
#70
 Phenanthrene
 Concen: 49.04 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:178 Resp: 2140961
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.3 22.9
 179 16.7 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

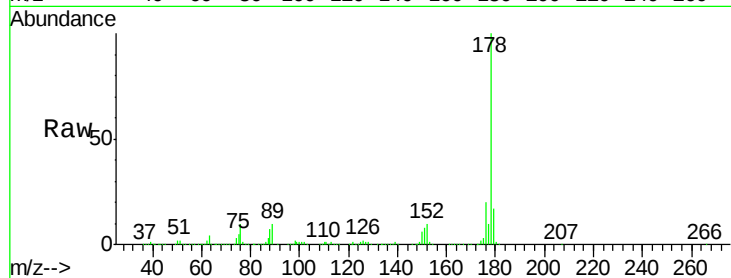




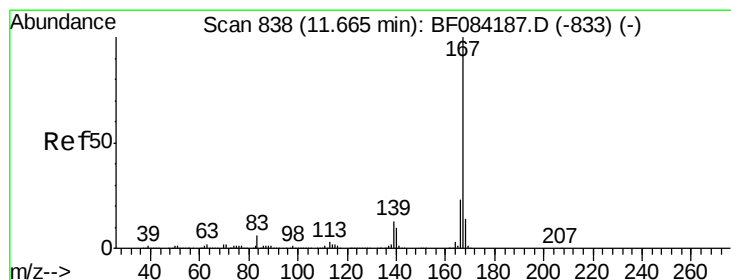
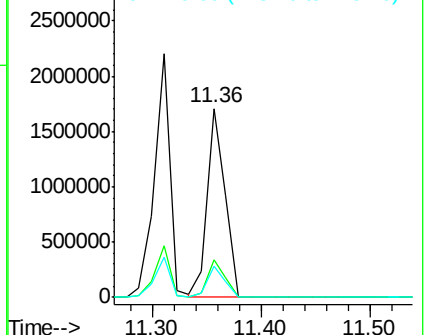
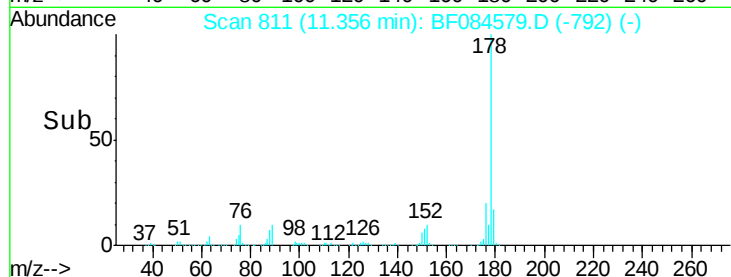
#71
 Anthracene
 Concen: 46.25 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.08 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion:178 Resp: 1979090
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 16.6 12.5 18.7

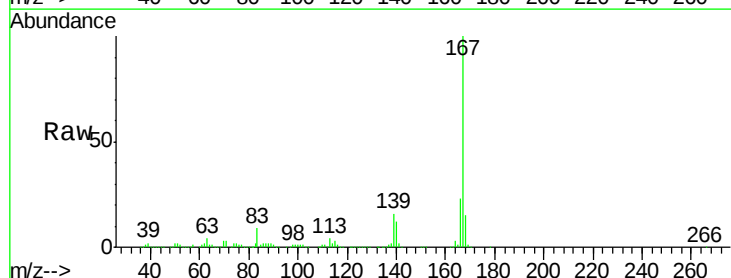


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

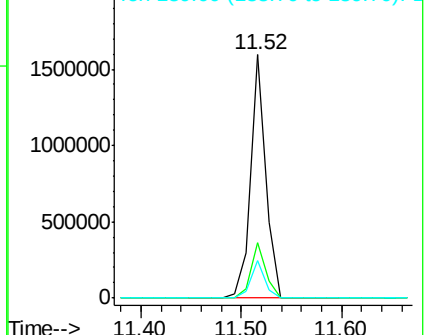
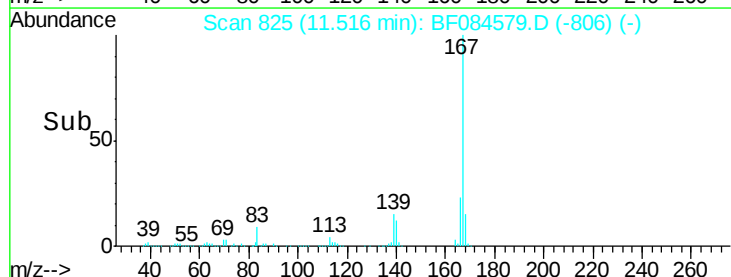


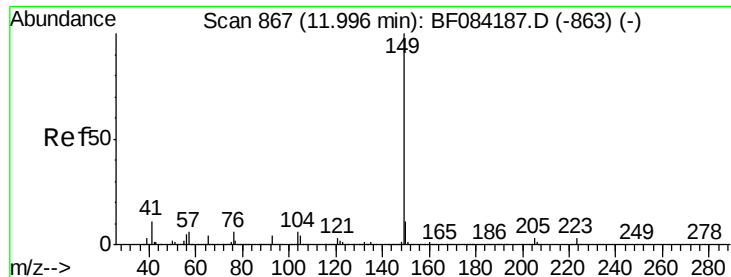
#72
 Carbazole
 Concen: 39.83 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.08 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:167 Resp: 1666336
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 15.6 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.95 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.07 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

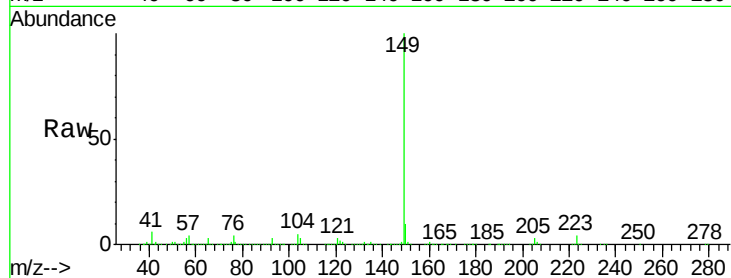
Tgt Ion:149 Resp: 2371758

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

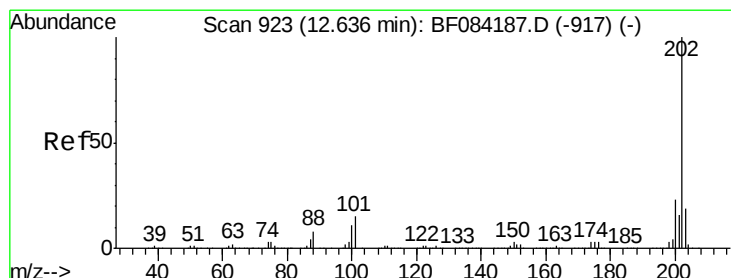
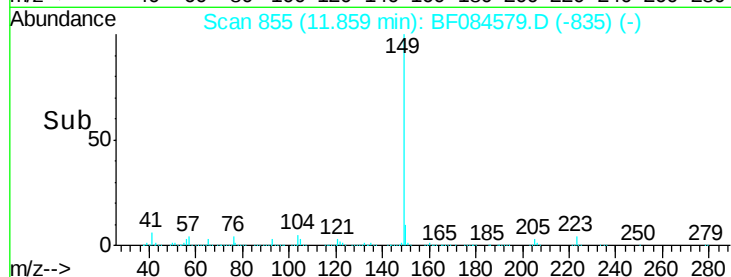
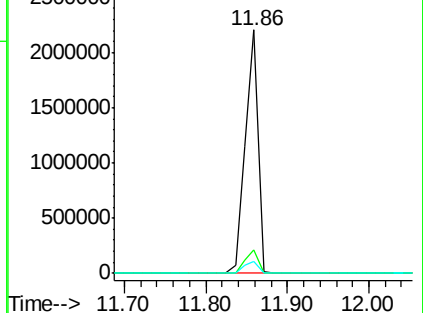
104 5.0 3.2 4.8#



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: 46.52 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.08 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

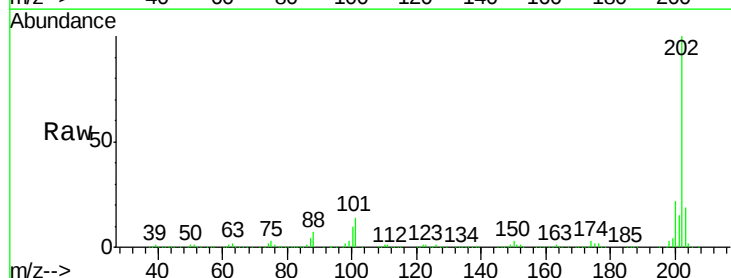
Tgt Ion:202 Resp: 2121234

Ion Ratio Lower Upper

202 100

101 13.9 0.0 32.8

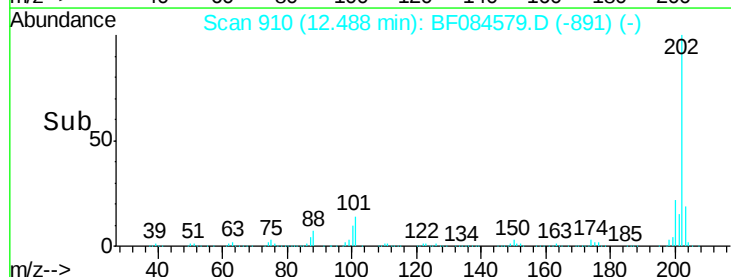
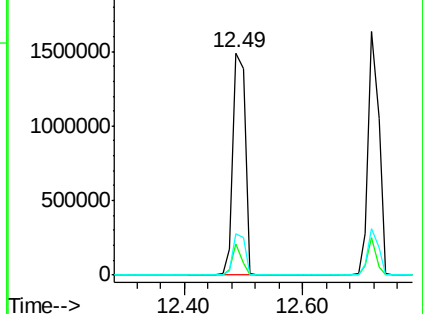
203 18.9 0.0 37.9

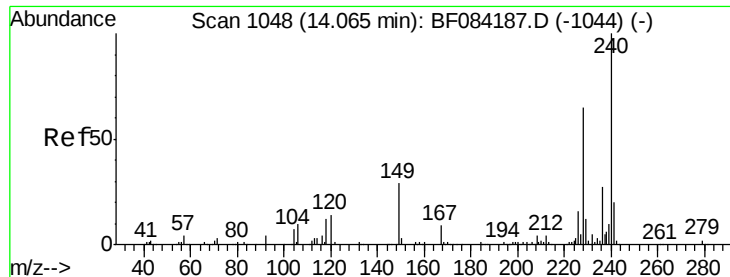


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

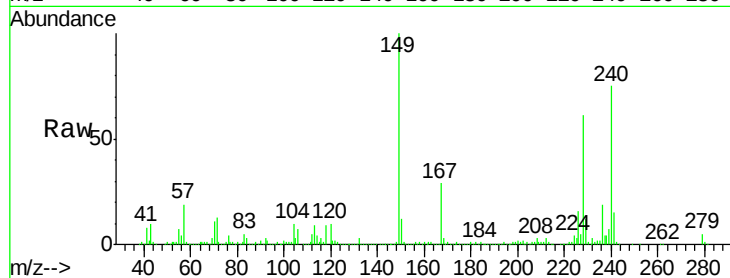
Tgt Ion:240 Resp: 556394

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

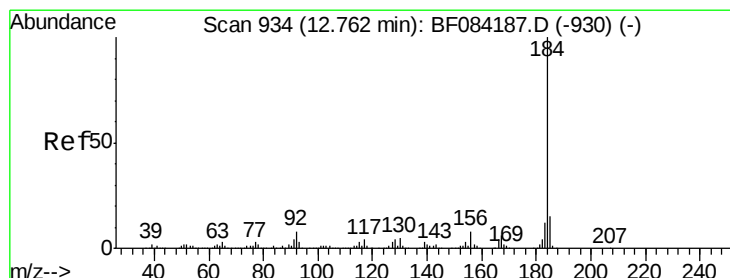
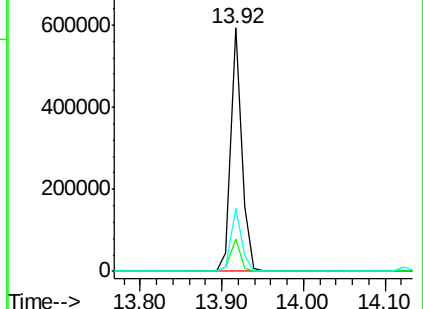
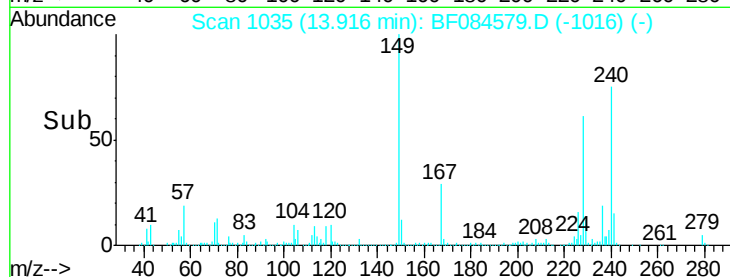
236 26.0 20.6 31.0



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: 10.42 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.08 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

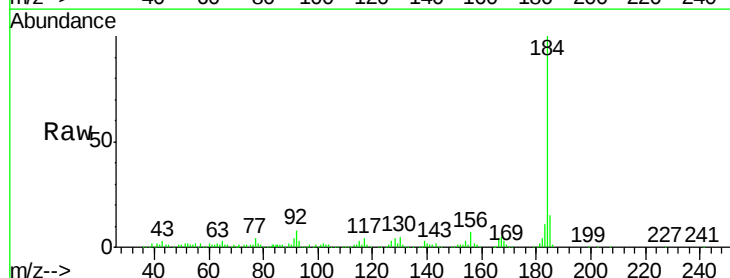
Tgt Ion:184 Resp: 207837

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

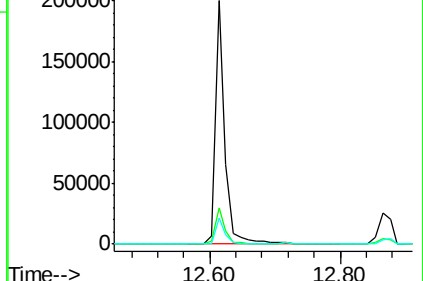
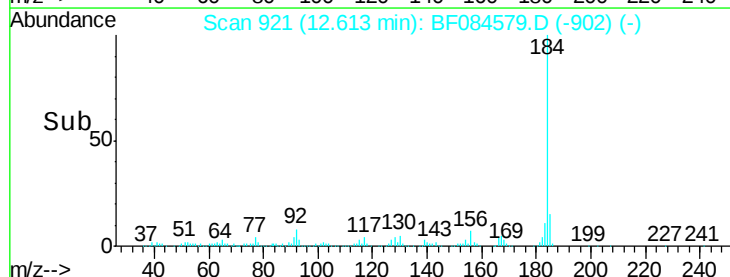
183 10.5 9.8 14.8

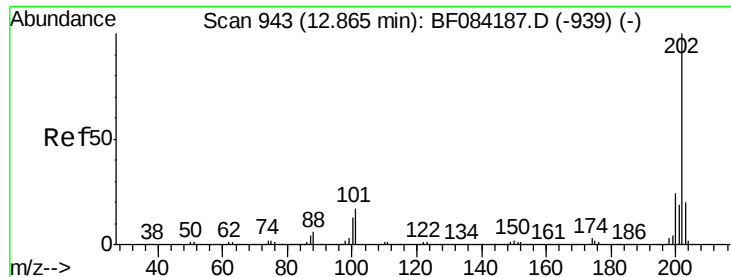


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

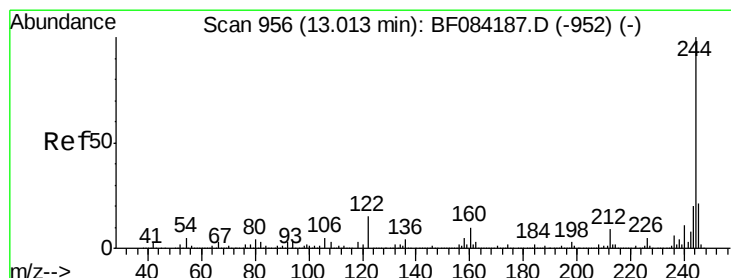
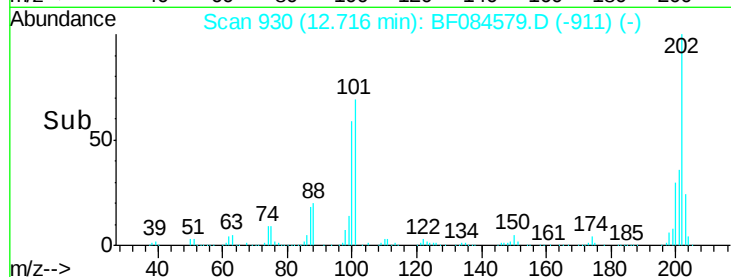
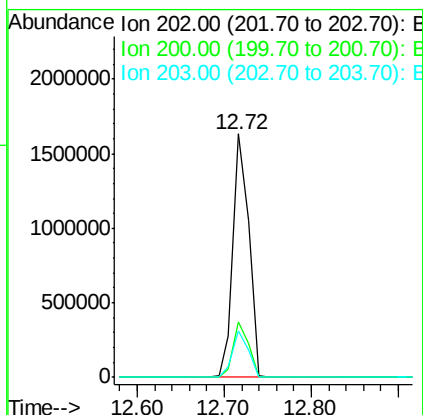
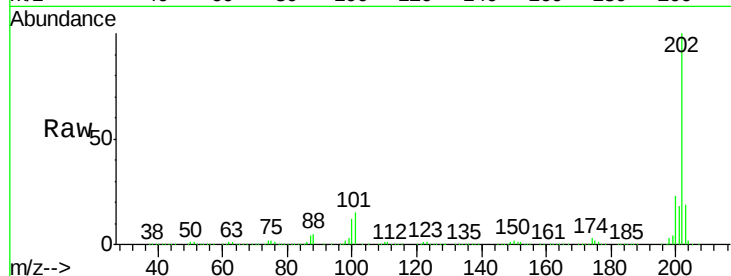




#77
 Pyrene
 Concen: 47.10 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.08 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

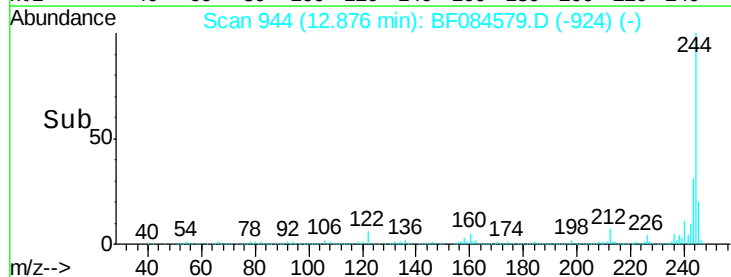
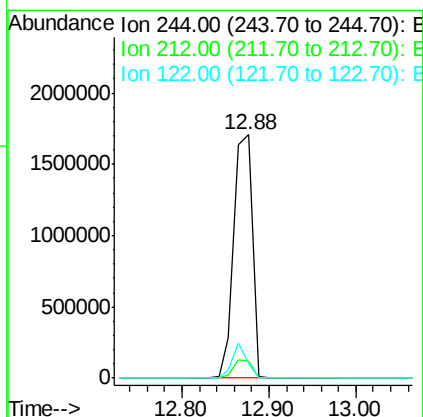
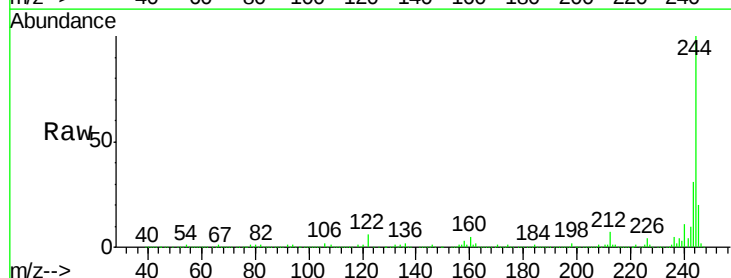
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

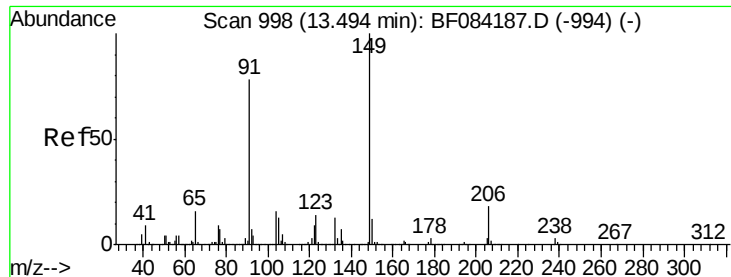
Tgt Ion:202 Resp: 2056349
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.2 25.8
 203 18.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 100.91 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:244 Resp: 2515213
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.7 7.4 11.0#

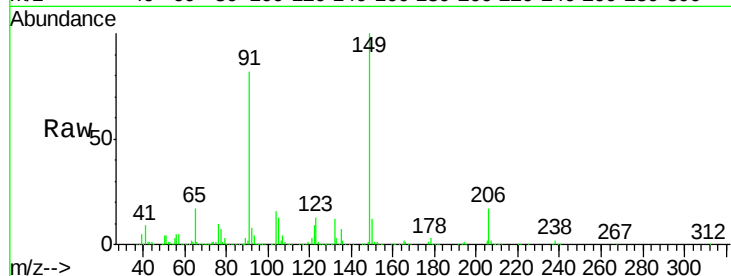




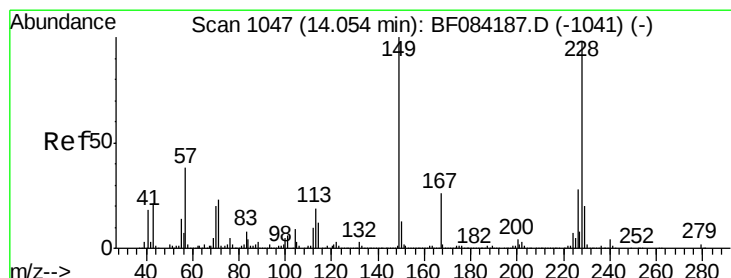
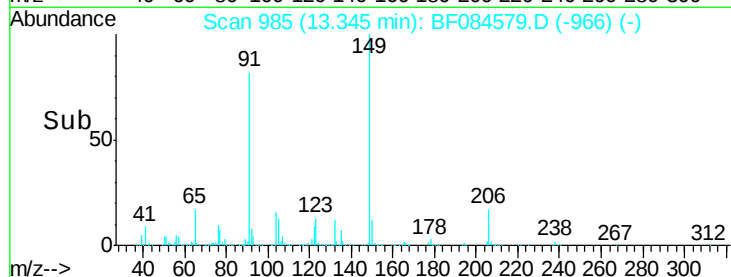
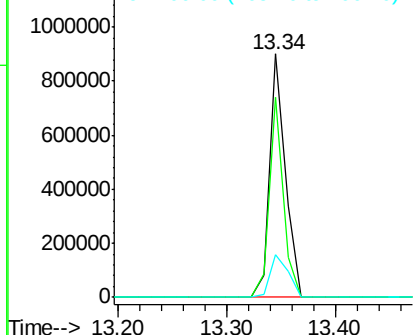
#79
Butylbenzylphthalate
Concen: 48.19 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.08 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:149 Resp: 910569
Ion Ratio Lower Upper
149 100
91 81.9 57.6 86.4
206 17.4 13.2 19.8

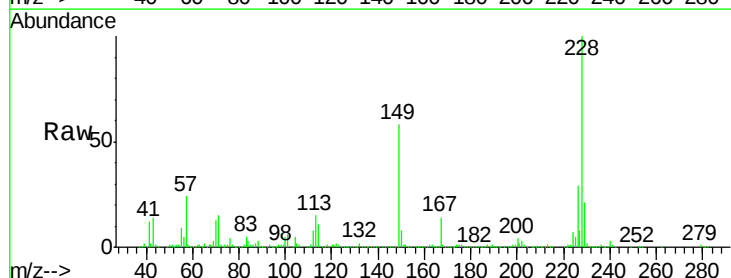


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

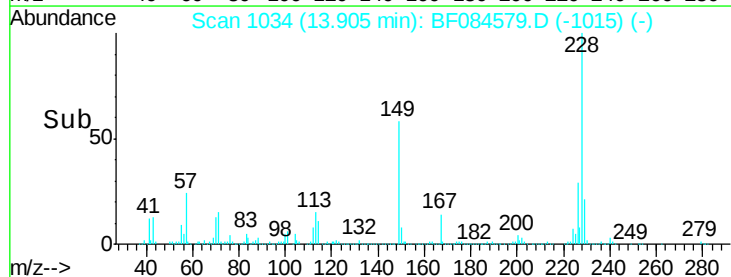
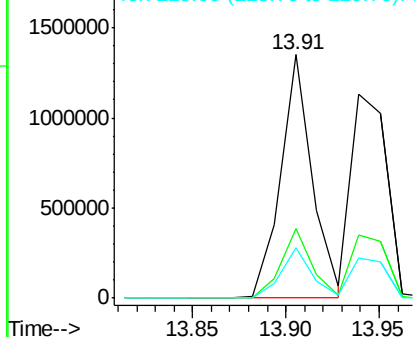


#80
Benzo(a)anthracene
Concen: 48.75 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.08 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:228 Resp: 1592689
Ion Ratio Lower Upper
228 100
226 28.7 21.8 32.6
229 20.9 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

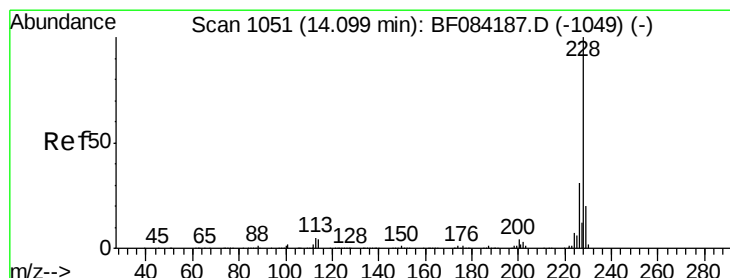
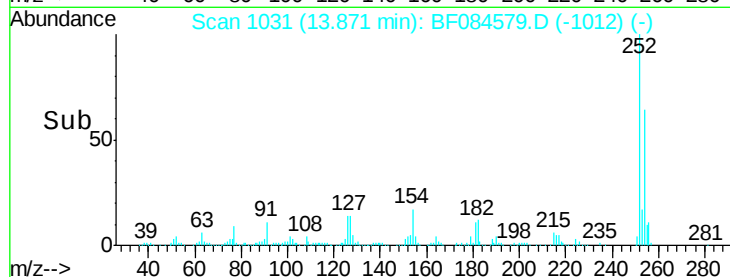
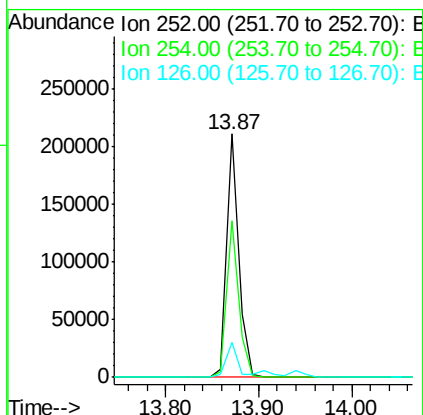
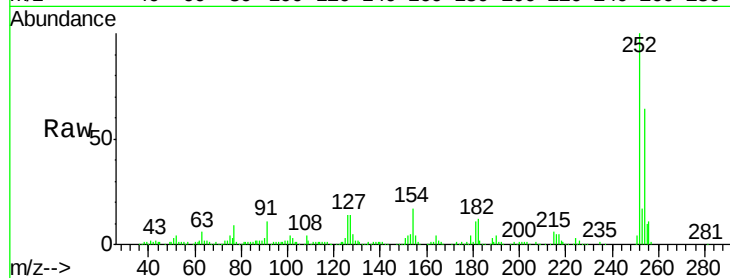




#81
 3,3'-Dichlorobenzidine
 Concen: 16.83 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.08 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

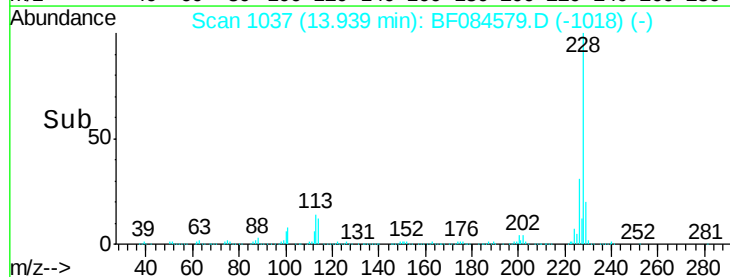
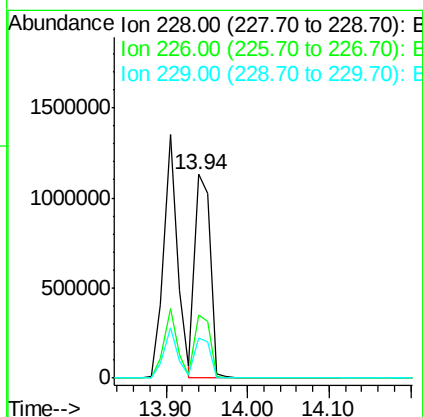
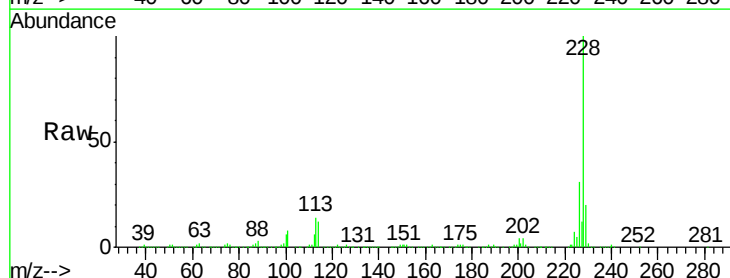
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion:252 Resp: 191916
 Ion Ratio Lower Upper
 252 100
 254 64.1 53.5 80.3
 126 14.2 4.9 7.3#



#82
 Chrysene
 Concen: 48.20 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:228 Resp: 1513214
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 20.0 16.1 24.1

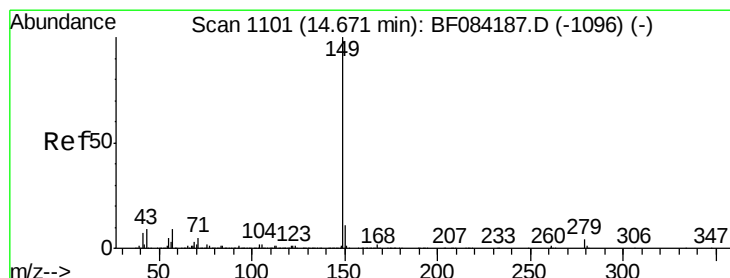
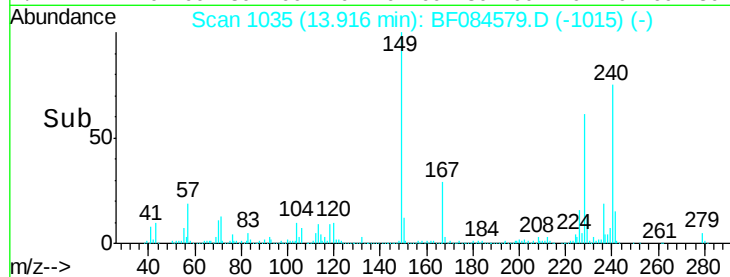
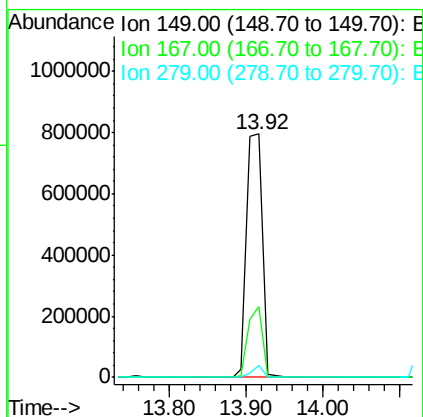
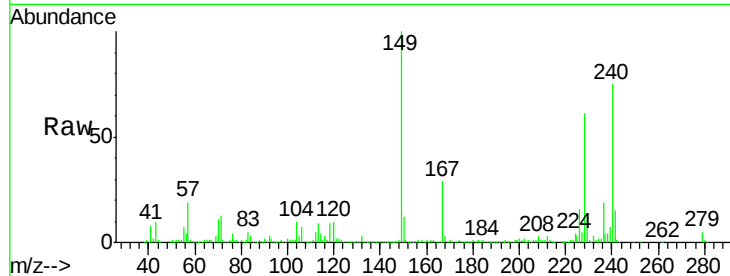




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.99 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

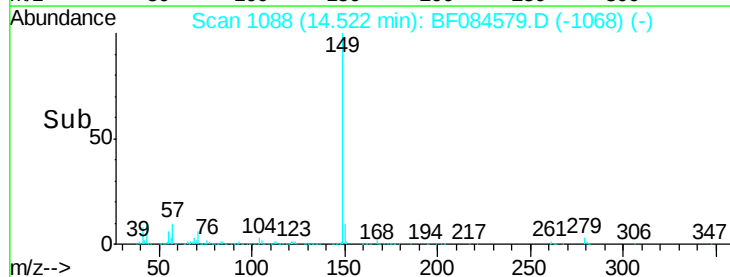
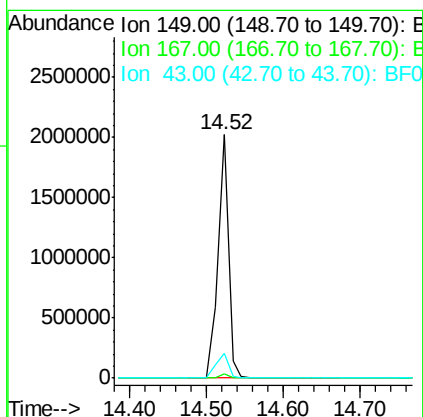
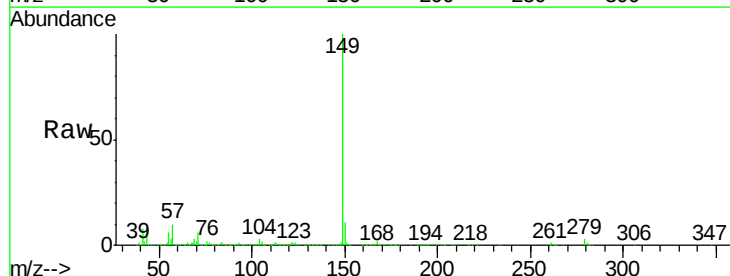
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion:149 Resp: 1121608
 Ion Ratio Lower Upper
 149 100
 167 29.0 19.7 29.5
 279 4.8 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 47.40 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.07 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:149 Resp: 1910012
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 11.8 5.6 8.4#

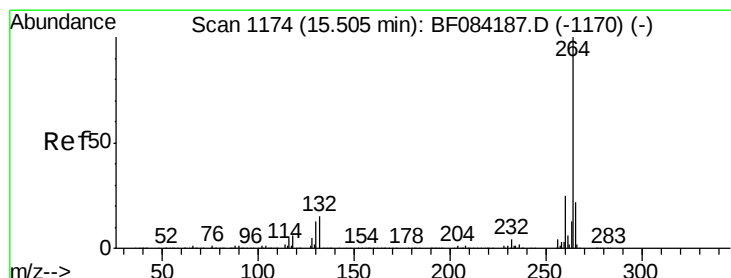
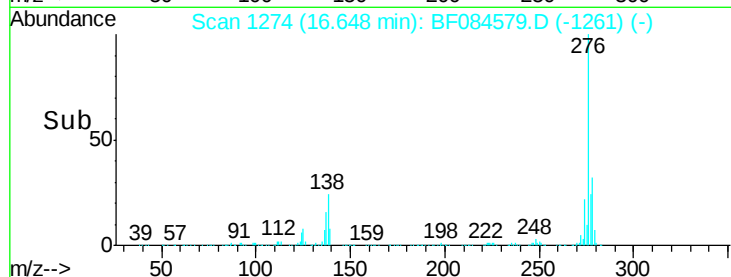
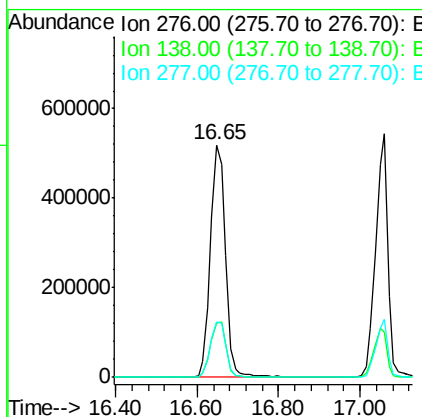
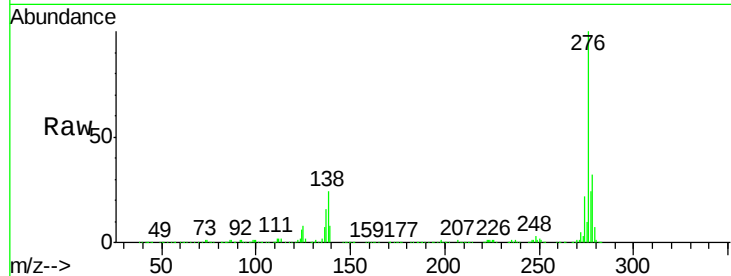




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.05 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.15 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

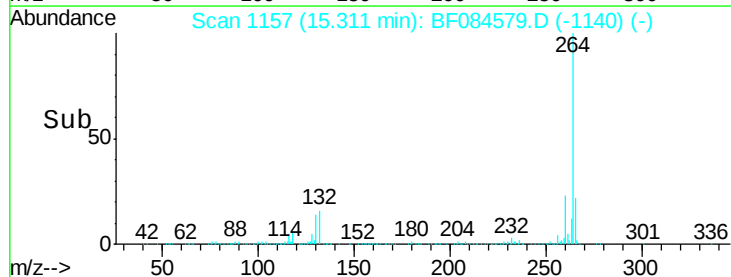
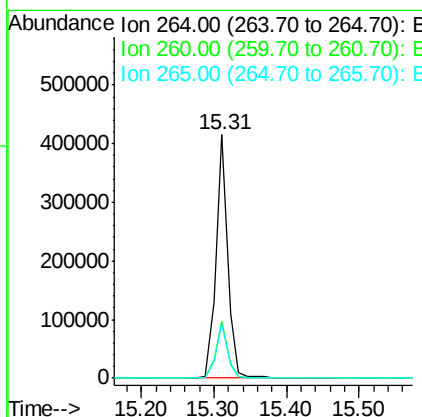
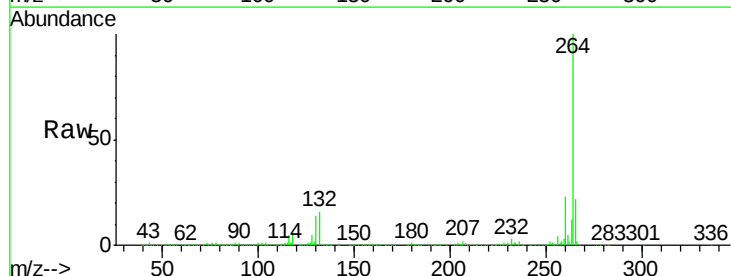
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

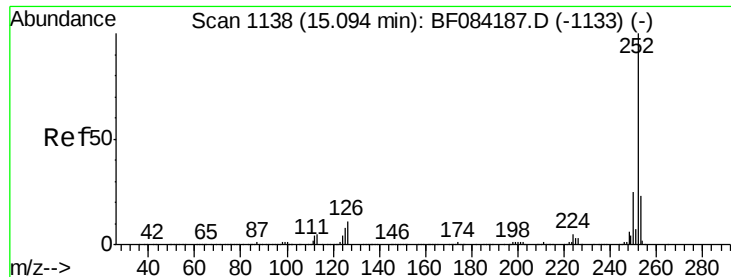
Tgt Ion:276 Resp: 1344987
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.6 30.8
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.10 min
 Lab File: BF084579.D
 Acq: 21 Jan 2016 12:31

Tgt Ion:264 Resp: 467273
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.0 17.8 26.6

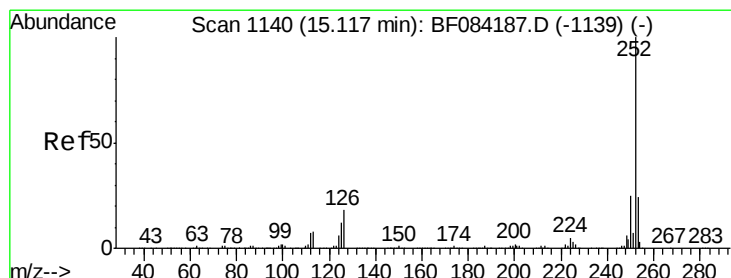
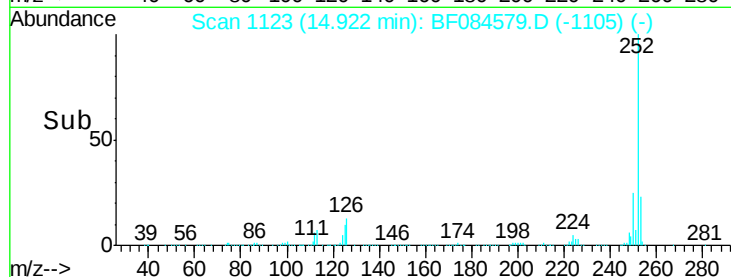
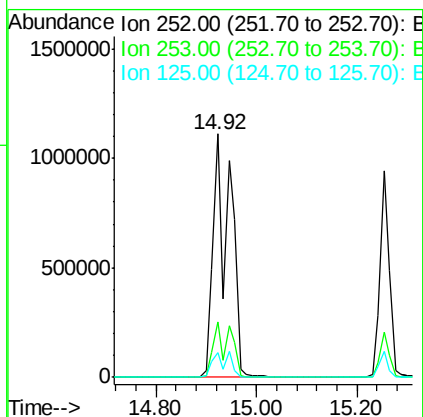
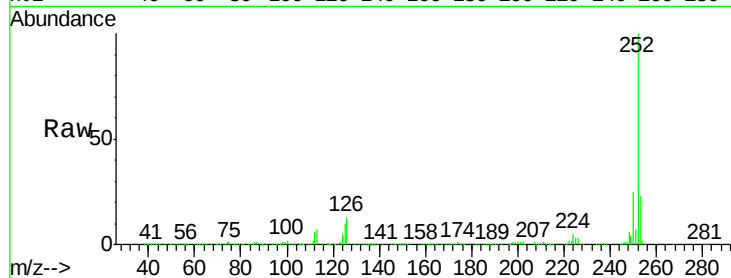




#87
Benzo(b)fluoranthene
Concen: 85.51 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.09 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

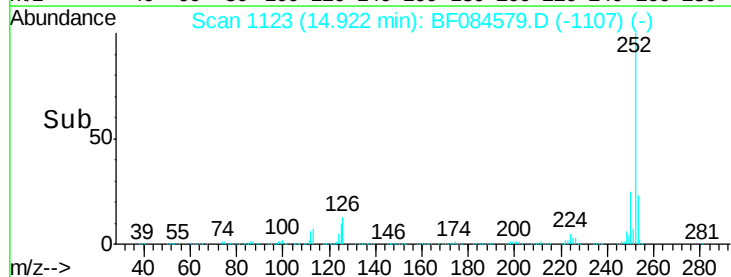
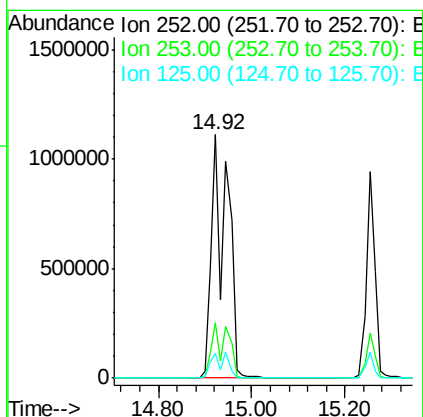
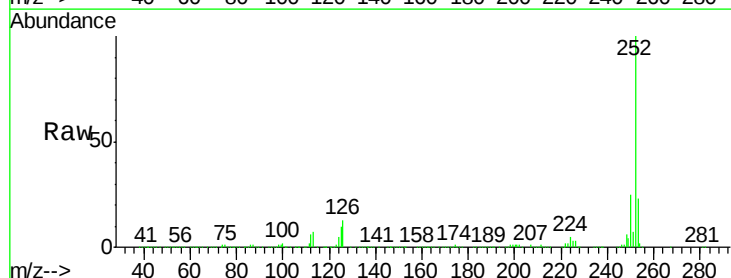
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

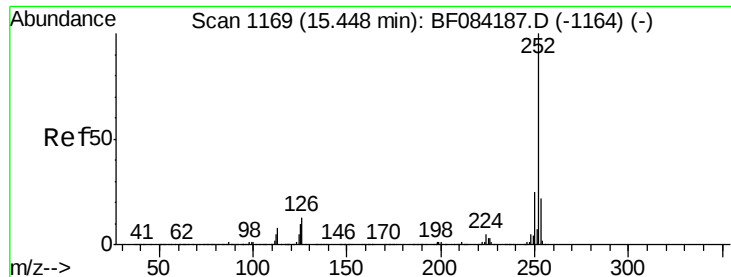
Tgt Ion:252 Resp: 2613628
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.0 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 104.60 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.11 min
Lab File: BF084579.D
Acq: 21 Jan 2016 12:31

Tgt Ion:252 Resp: 2614804
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.0 9.0 13.6





#89

Benzo(a)pyrene

Concen: 47.56 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.10 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

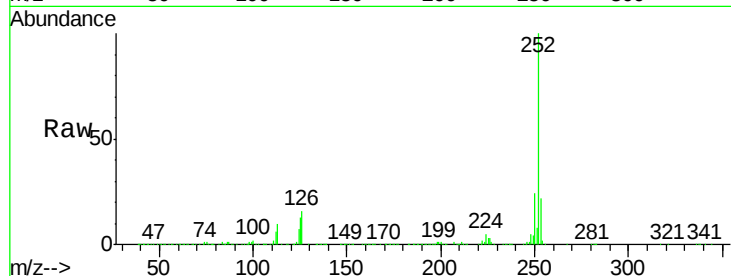
Tgt Ion:252 Resp: 1233003

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

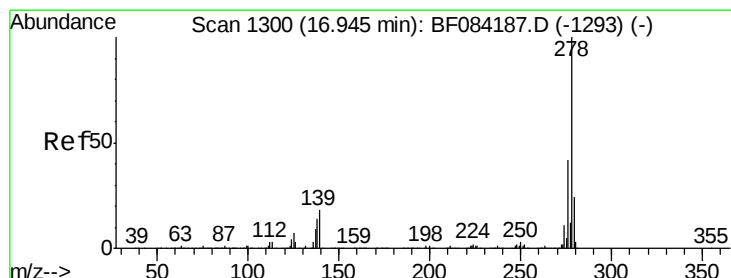
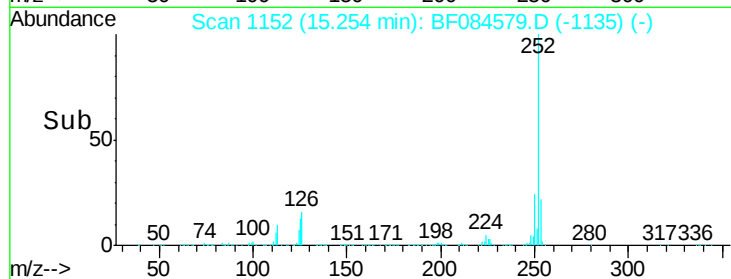
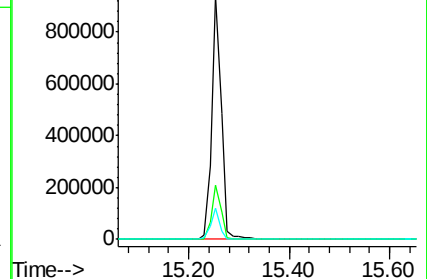
125 12.6 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.45 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.14 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

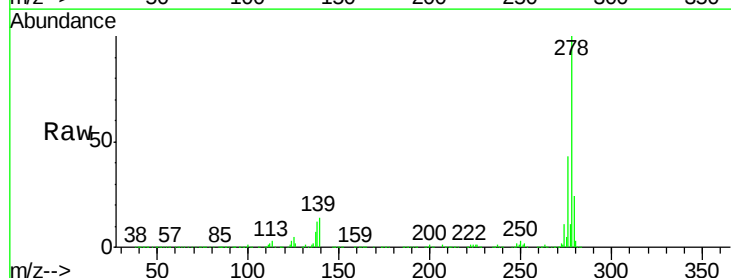
Tgt Ion:278 Resp: 1103241

Ion Ratio Lower Upper

278 100

139 13.9 15.0 22.4#

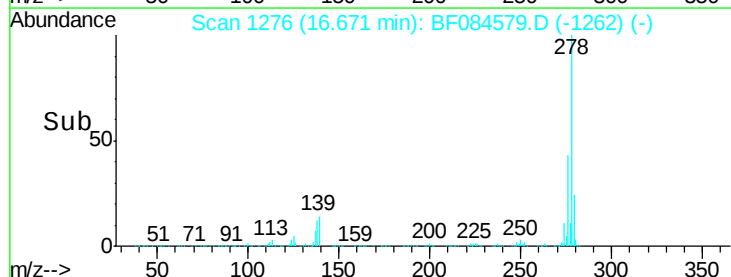
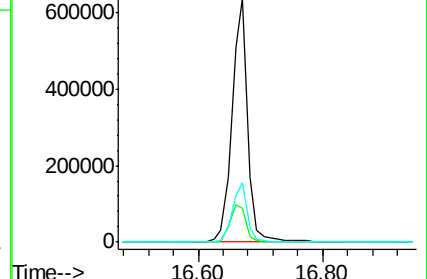
279 24.2 18.9 28.3

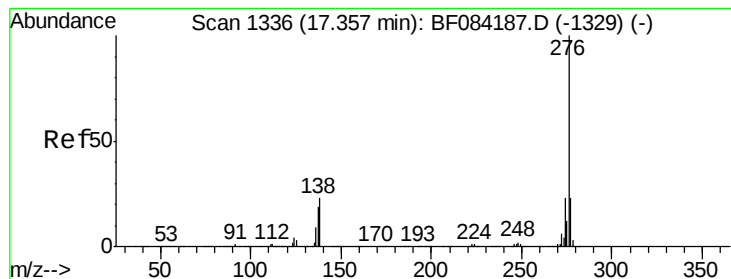


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.04 ng

RT: 17.06 min Scan# 1310

Delta R.T. -0.16 min

Lab File: BF084579.D

Acq: 21 Jan 2016 12:31

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

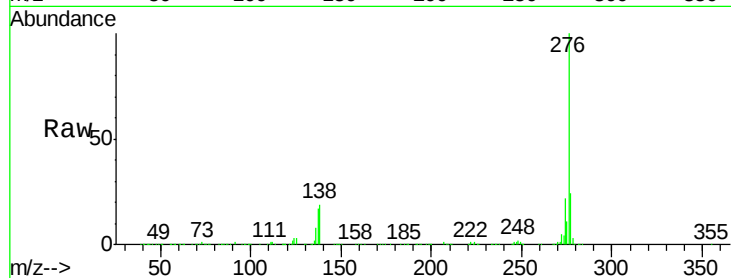
Tgt Ion:276 Resp: 1156081

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 18.5 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

