

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012016\
 Data File : BF084573.D
 Acq On : 20 Jan 2016 19:13
 Operator : SJ/UM
 Sample : H1159-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Quant Time: Jan 20 22:10:06 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	6.78	152	226912	20.00	ng	-0.05
21) Naphthalene-d8	8.06	136	873168	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	133263	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	323789	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	35488	20.00	ng	-0.06
86) Perylene-d12	15.35	264	851	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1678432	119.64	ng	-0.03
7) Phenol-d6	6.43	99	895734	50.84	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1473655	93.93	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	632081	469.81	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2501913	350.00	ng	-0.05
78) Terphenyl-d14	12.90	244	811030	510.13	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	262732	39.53	ng	# 68
4) n-Nitrosodimethylamine	3.14	42	106434	11.19	ng	87
6) Aniline	6.52	93	662569	25.71	ng	# 49
8) 2-Chlorophenol	6.57	128	652762	41.01	ng	85
9) Benzaldehyde	6.33	77	84345	7.35	ng	94
10) Phenol	6.44	94	507461	25.33	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	662569	42.70	ng	83
12) 1,3-Dichlorobenzene	6.96	146	660741	40.24	ng	97
13) 1,4-Dichlorobenzene	6.80	146	713791	43.35	ng	96
14) 1,2-Dichlorobenzene	6.96	146	660787	41.91	ng	94
15) Benzyl Alcohol	6.93	79	58237	3.93	ng	# 66
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1165754	41.25	ng	91
17) 2-Methylphenol	7.05	107	312214	23.40	ng	91
18) Hexachloroethane	7.29	117	278059	42.23	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	114483	9.60	ng	# 57
20) 3+4-Methylphenols	7.21	107	414583	26.44	ng	# 89
22) Acetophenone	7.20	105	1023439	48.74	ng	# 97
24) Nitrobenzene	7.37	77	790779	49.70	ng	99
25) Isophorone	7.62	82	1035794	34.52	ng	# 93
26) 2-Nitrophenol	7.69	139	421515	58.20	ng	93
27) 2,4-Dimethylphenol	7.73	122	479144	32.69	ng	92
28) bis(2-Chloroethoxy)methane	7.81	93	48080	2.62	ng	# 88
29) 2,4-Dichlorophenol	7.93	162	588058	48.16	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	613836	48.69	ng	97
31) Naphthalene	8.09	128	2055937	51.90	ng	99
32) Benzoic acid	7.87	122	502898	52.63	ng	96
33) 4-Chloroaniline	8.09	127	281273	15.49	ng	# 32
34) Hexachlorobutadiene	8.21	225	354344	48.90	ng	96
35) Caprolactam	8.59	113	99022	24.06	ng	# 60
36) 4-Chloro-3-methylphenol	8.64	107	537702	39.31	ng	98
37) 2-Methylnaphthalene	8.78	142	1408548	49.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	562013	146.70	ng	98
40) Hexachlorocyclopentadiene	8.93	237	598763	258.90	ng	97
42) 2,4,6-Trichlorophenol	9.07	196	466184	162.65	ng	94

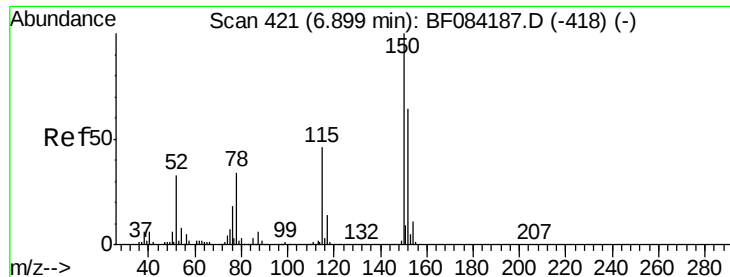
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012016\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	431595	157.07	ng	# 87
45) 1,1'-Biphenyl	9.25	154	1780243	168.09	ng	98
46) 2-Chloronaphthalene	9.28	162	1319003	158.55	ng	91
47) 2-Nitroaniline	9.37	65	14273	5.20	ng	98
48) Acenaphthylene	9.69	152	299743	24.39	ng	98
49) Dimethylphthalate	9.56	163	443256	46.53	ng	# 91
50) 2,6-Dinitrotoluene	9.62	165	380227	181.97	ng	# 78
51) Acenaphthene	9.86	154	588078	71.33	ng	96
52) 3-Nitroaniline	9.89	138	16528	6.38	ng	# 1
53) 2,4-Dinitrophenol	9.89	184	385744	417.66	ng	# 78
54) Dibenzofuran	10.03	168	1422308	139.43	ng	91
55) 4-Nitrophenol	9.96	139	494114	262.91	ng	# 80
56) 2,4-Dinitrotoluene	10.02	165	430838	162.91	ng	# 81
57) Fluorene	10.37	166	854157	106.71	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	382904	163.22	ng	90
59) Diethylphthalate	10.26	149	351182	37.39	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	573254	190.05	ng	# 87
61) 4-Nitroaniline	10.46	138	6006	2.60	ng	89
62) Azobenzene	10.52	77	43987	4.27	ng	90
64) 4,6-Dinitro-2-methylphenol	10.43	198	283177	Below	Cal	70
66) 4-Bromophenyl-phenylether	10.85	248	344800	98.94	ng	# 73
67) Hexachlorobenzene	10.92	284	457484	116.63	ng	# 92
68) Atrazine	11.12	200	103648	30.59	ng	# 38
69) Pentachlorophenol	11.12	266	514335	252.89	ng	97
70) Phenanthrene	11.33	178	1378987	81.42	ng	96
71) Anthracene	11.38	178	690751	41.61	ng	98
73) Di-n-butylphthalate	11.88	149	329037	14.86	ng	100
74) Fluoranthene	12.51	202	442995	25.04	ng	98
77) Pyrene	12.74	202	286721	102.96	ng	98
79) Butylbenzylphthalate	13.37	149	7880	6.54	ng	# 75
80) Benzo(a)anthracene	13.93	228	159216	76.41	ng	98
82) Chrysene	13.96	228	245145	122.43	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	121979	80.12	ng	98
84) Di-n-octyl phthalate	14.55	149	109615	42.65	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.71	276	26015	16.39	ng	95
87) Benzo(b)fluoranthene	14.95	252	115821	2080.58	ng	# 96
88) Benzo(k)fluoranthene	14.95	252	115821	2543.97	ng	98
89) Benzo(a)pyrene	15.29	252	27781	588.36	ng	# 90
90) Dibenzo(a,h)anthracene	16.72	278	34601	851.61	ng	# 92
91) Benzo(g,h,i)perylene	17.11	276	61805	1468.90	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

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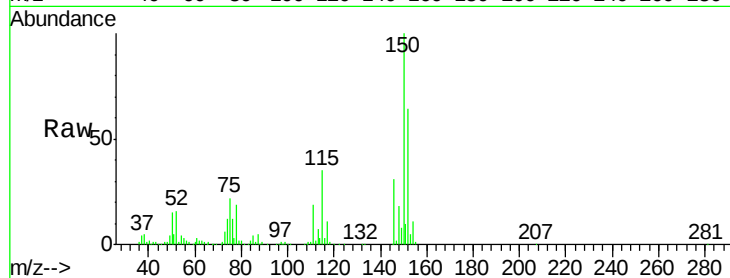
Tgt Ion:152 Resp: 226912

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

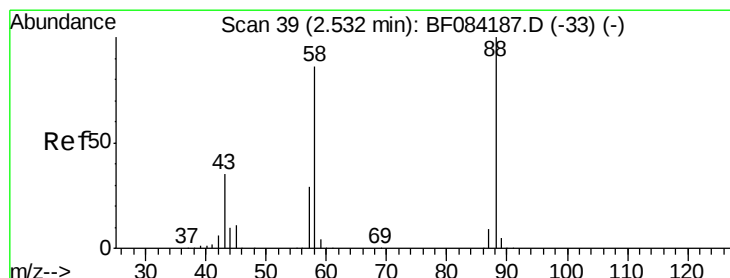
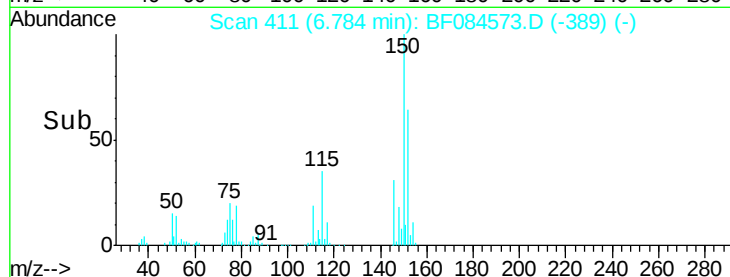
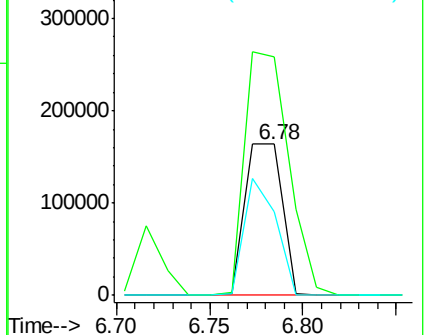
115 55.2 51.4 77.2



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: 39.53 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.17 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

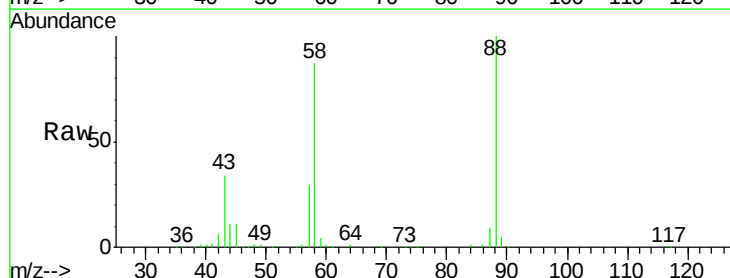
Tgt Ion: 88 Resp: 262732

Ion Ratio Lower Upper

88 100

58 84.1 51.2 76.8#

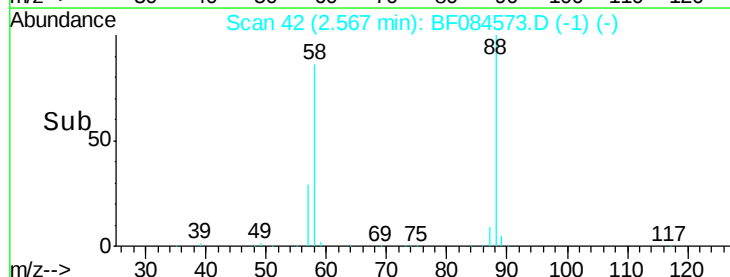
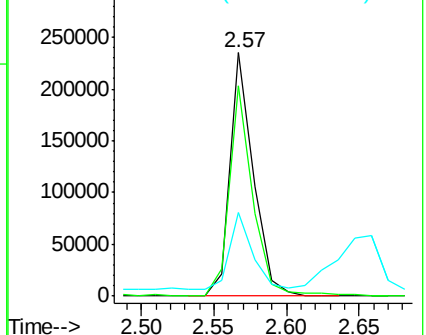
43 0.0 19.5 29.3#

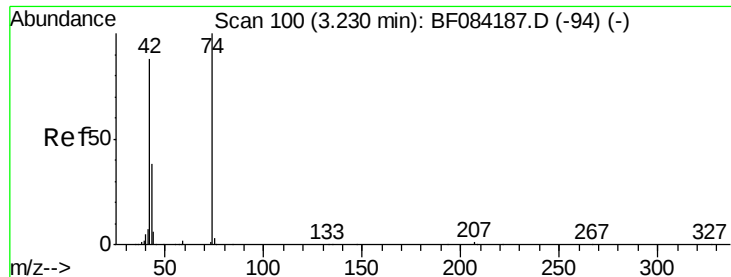


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



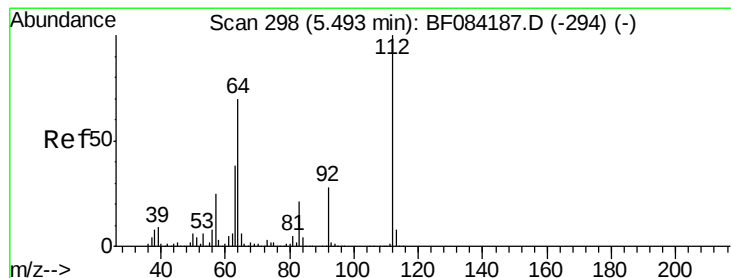
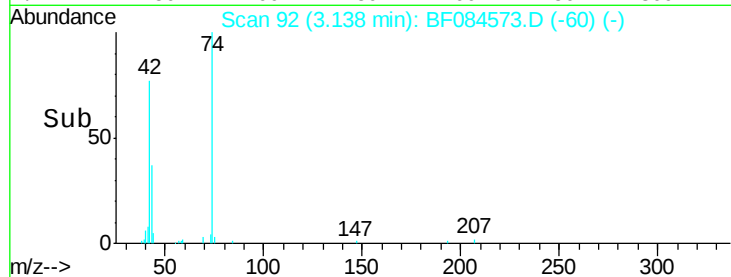
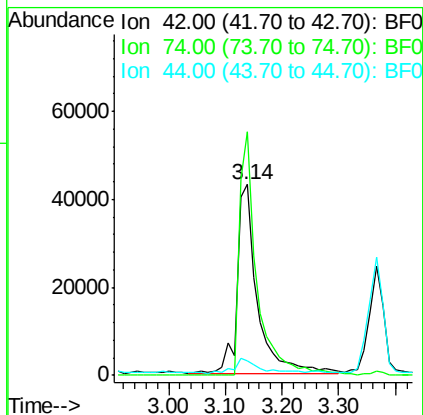
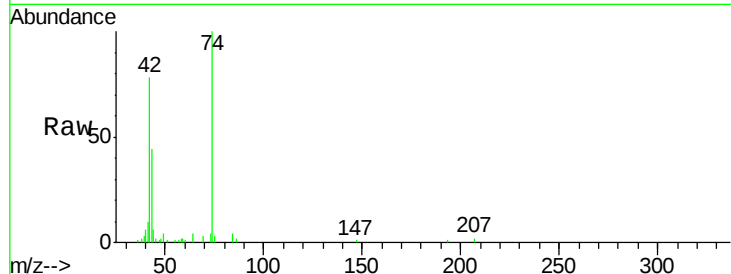


#4

n-Nitrosodimethylamine
 Concen: 11.19 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.07 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
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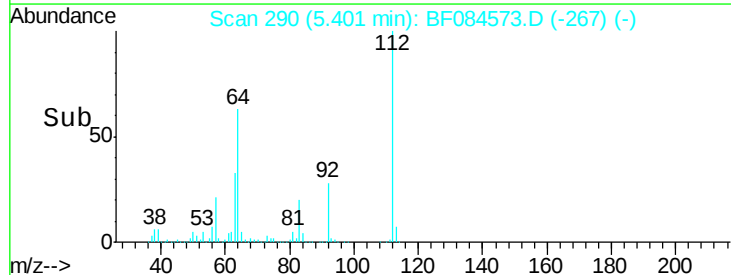
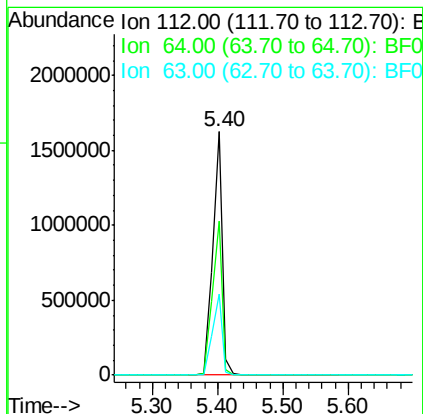
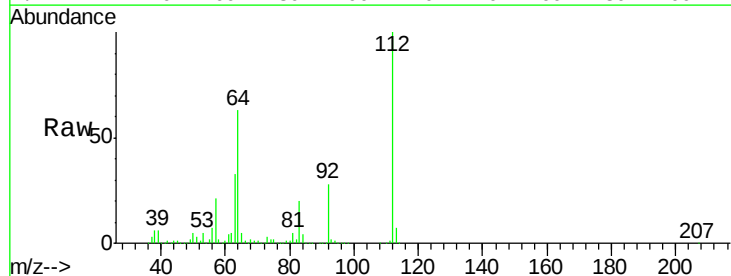
Tgt Ion: 42 Resp: 106434
 Ion Ratio Lower Upper
 42 100
 74 127.6 115.7 173.5
 44 7.6 5.1 7.7

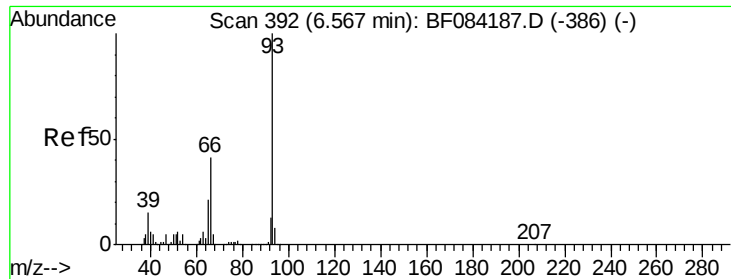


#5

2-Fluorophenol
 Concen: 119.64 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.03 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion: 112 Resp: 1678432
 Ion Ratio Lower Upper
 112 100
 64 63.2 36.6 55.0#
 63 33.3 19.4 29.0#





#6

Aniline

Concen: 25.71 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.02 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

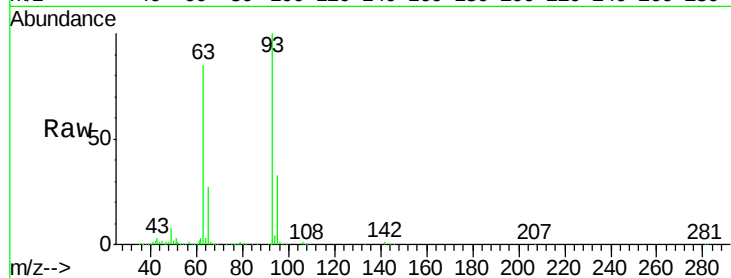
Tgt Ion: 93 Resp: 662569

Ion Ratio Lower Upper

93 100

66 0.6 44.9 67.3#

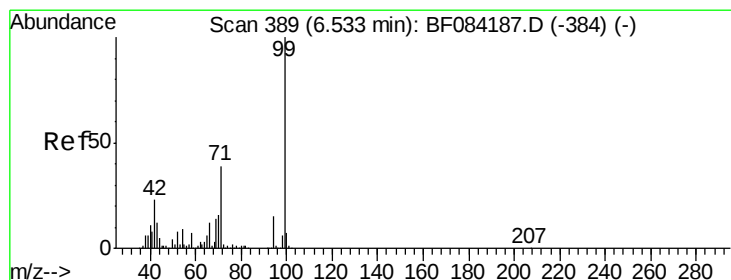
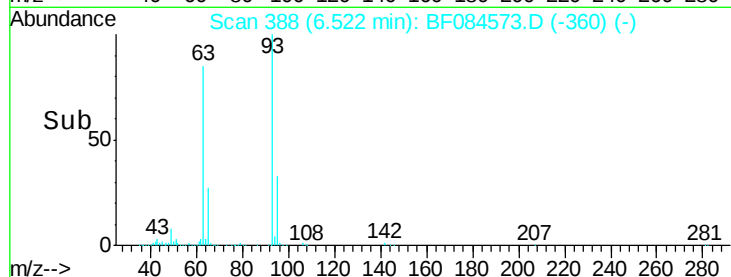
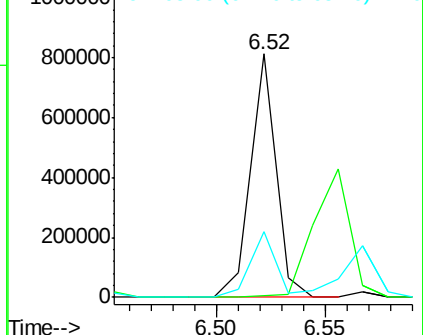
65 27.0 23.7 35.5



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: 50.84 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

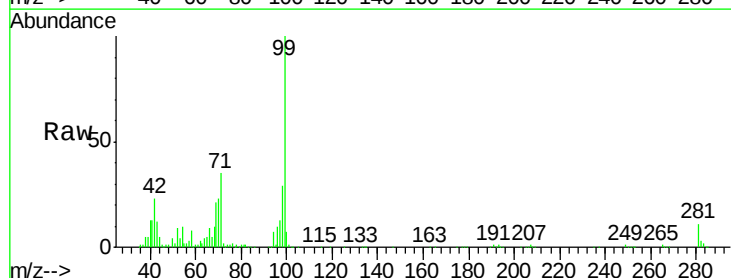
Tgt Ion: 99 Resp: 895734

Ion Ratio Lower Upper

99 100

42 23.3 12.8 19.2#

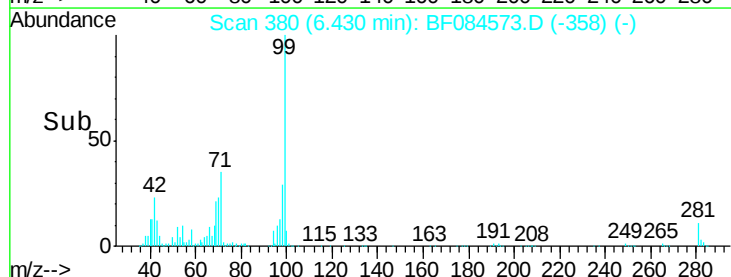
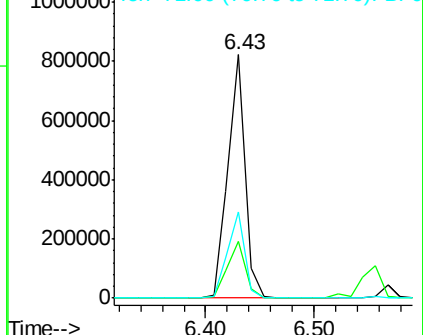
71 35.3 30.9 46.3

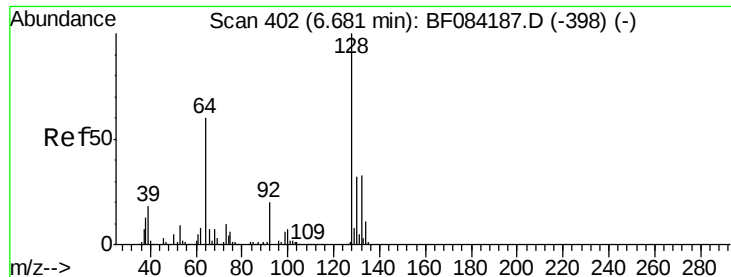


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 41.01 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

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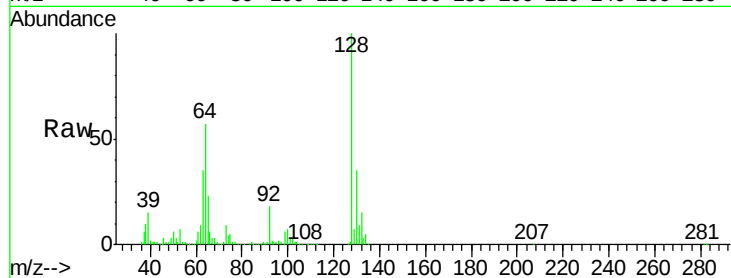
Tgt Ion:128 Resp: 652762

Ion Ratio Lower Upper

128 100

130 35.5 11.6 51.6

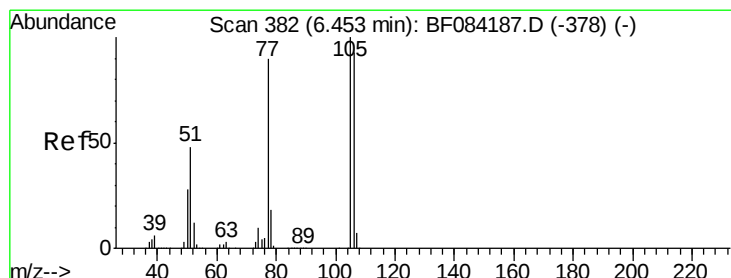
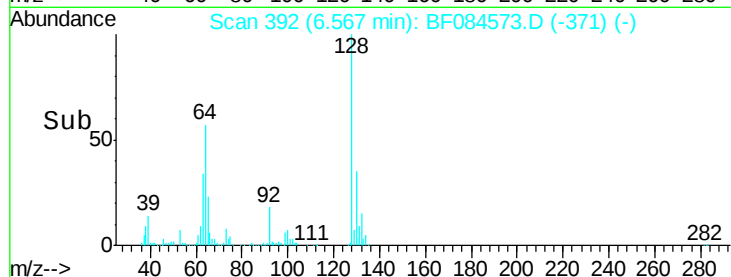
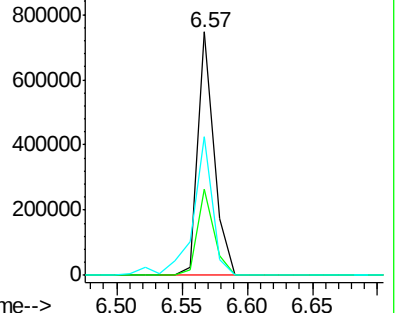
64 57.1 23.8 63.8



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: 7.35 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

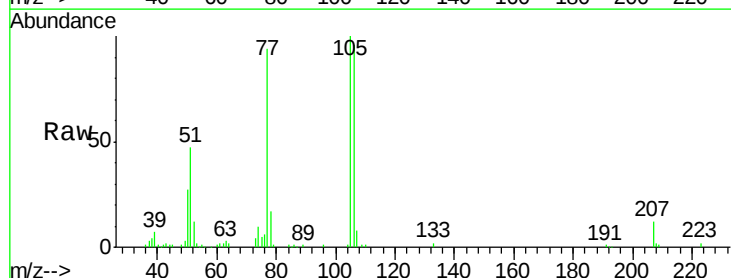
Tgt Ion: 77 Resp: 84345

Ion Ratio Lower Upper

77 100

105 106.7 83.0 123.0

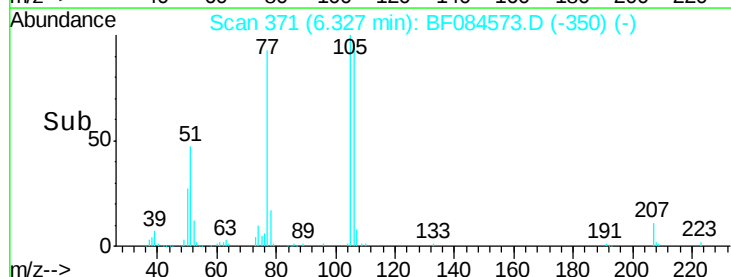
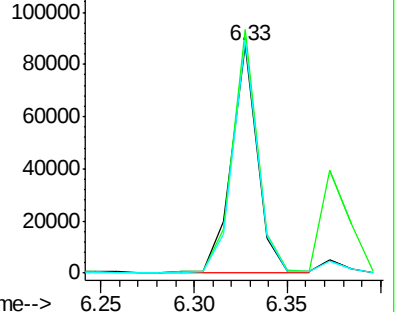
106 102.5 74.6 114.6

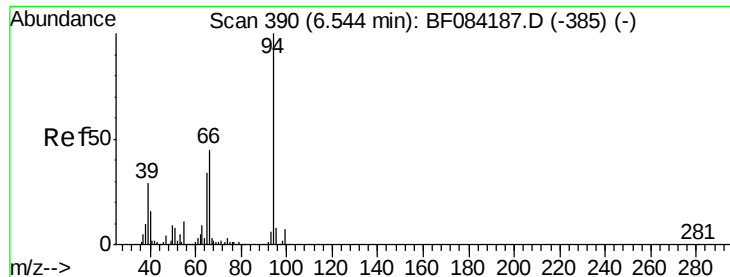


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 25.33 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

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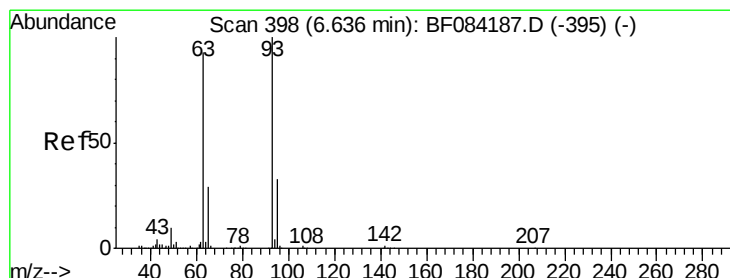
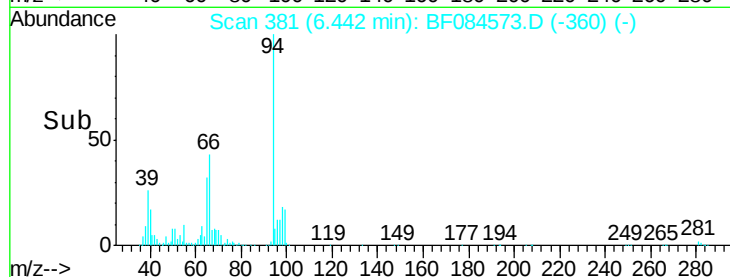
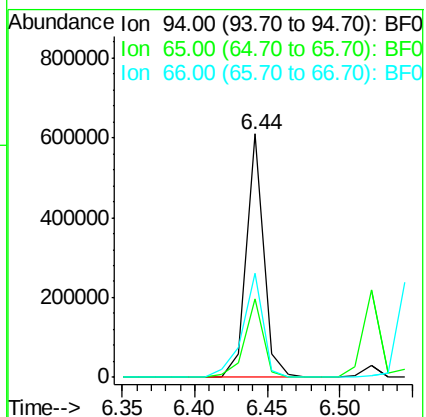
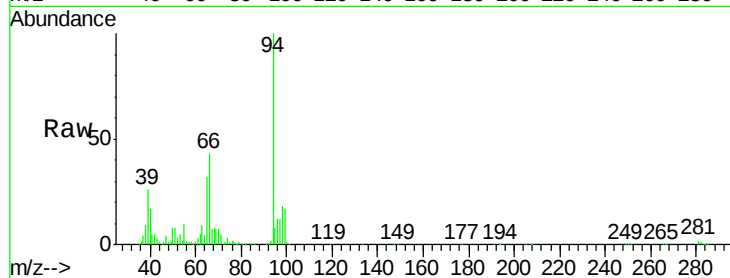
Tgt Ion: 94 Resp: 507461

Ion Ratio Lower Upper

94 100

65 32.2 12.9 52.9

66 42.7 32.7 72.7



#11

bis(2-Chloroethyl)ether

Concen: 42.70 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

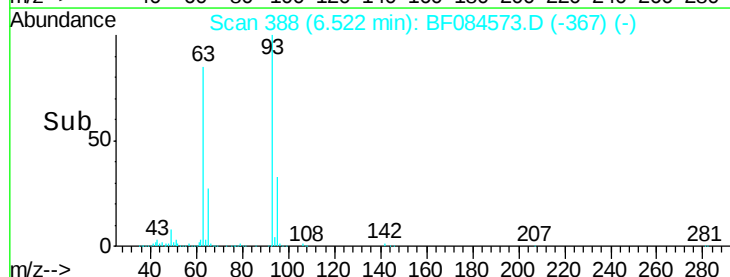
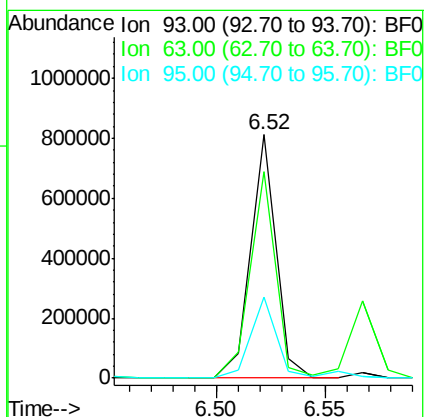
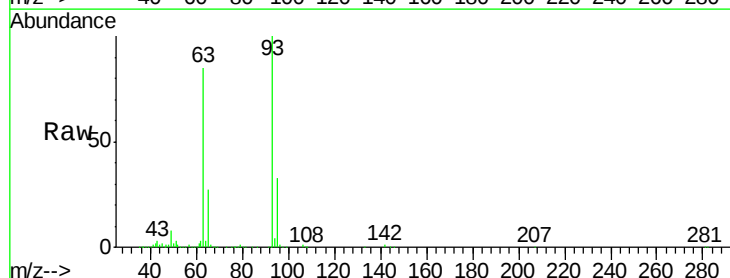
Tgt Ion: 93 Resp: 662569

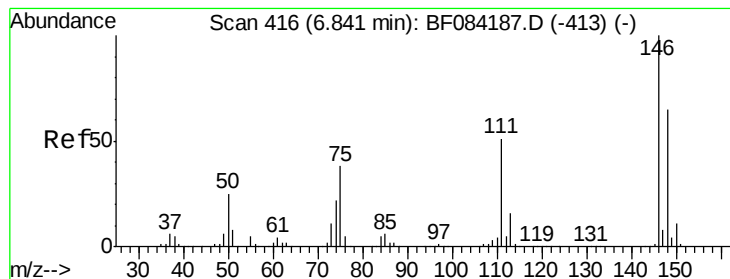
Ion Ratio Lower Upper

93 100

63 84.8 45.9 85.9

95 33.3 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 40.24 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.18 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

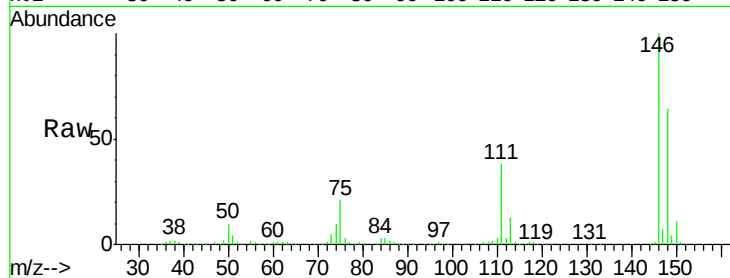
Tgt Ion:146 Resp: 660741

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

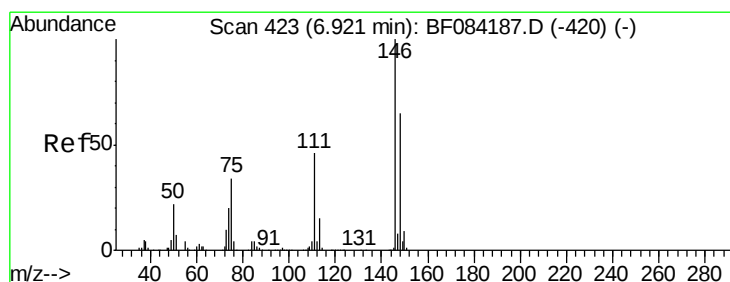
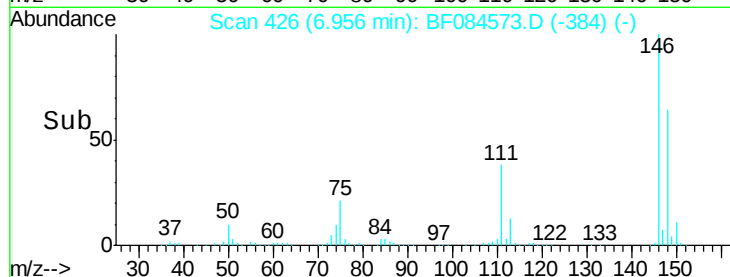
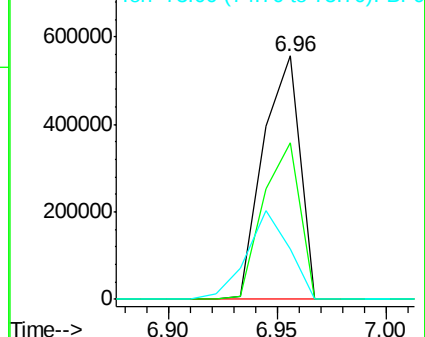
75 20.7 20.5 30.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 43.35 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

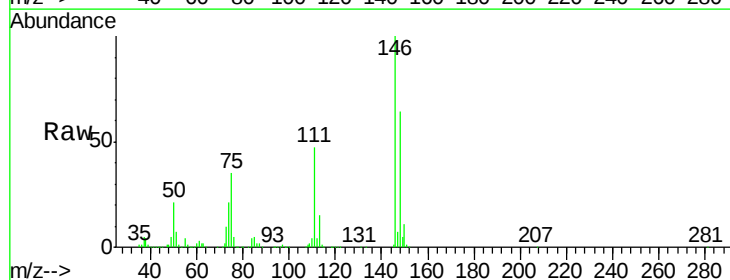
Tgt Ion:146 Resp: 713791

Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

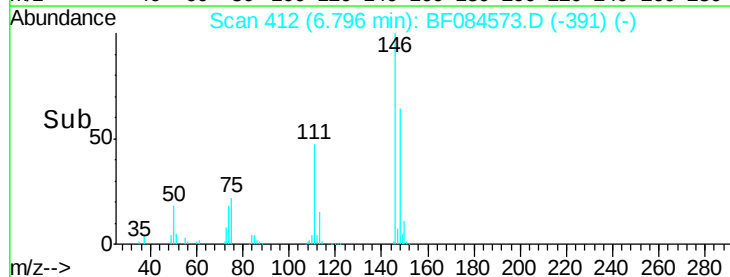
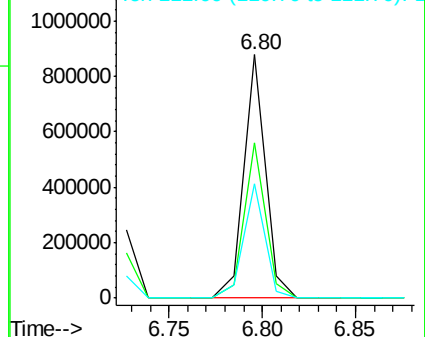
111 47.2 41.6 62.4

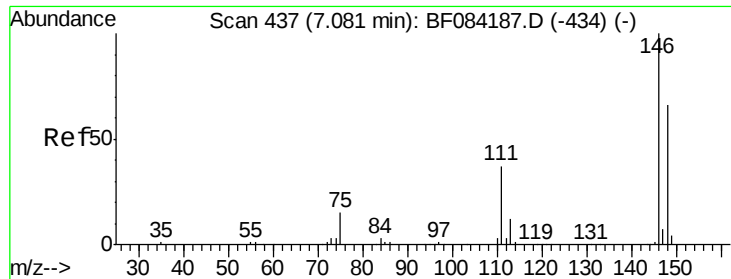


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

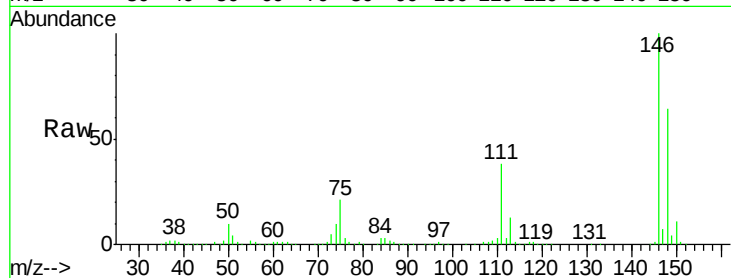




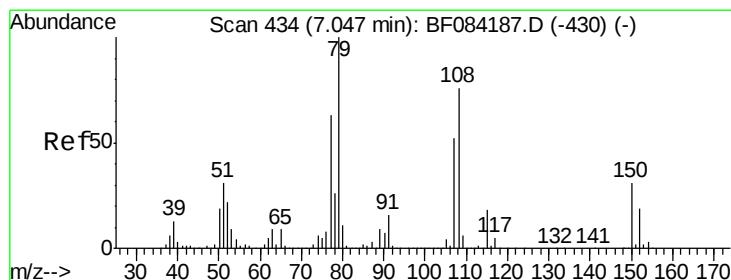
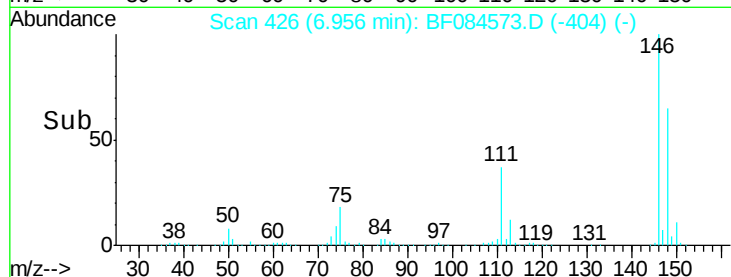
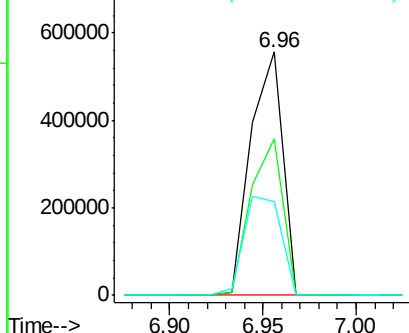
#14
1,2-Dichlorobenzene
Concen: 41.91 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:146 Resp: 660787
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 38.4 38.0 57.0

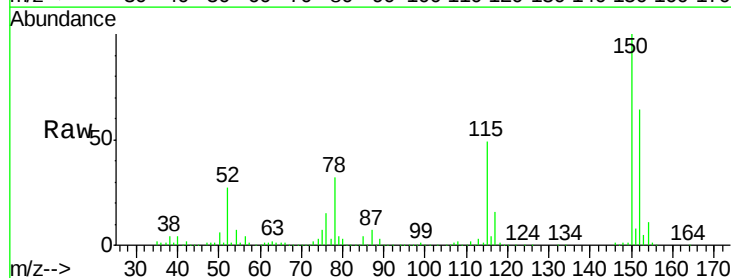


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

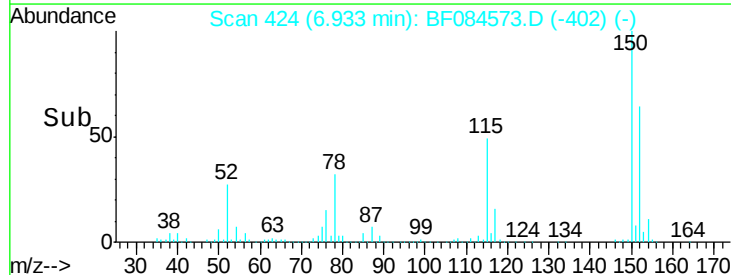
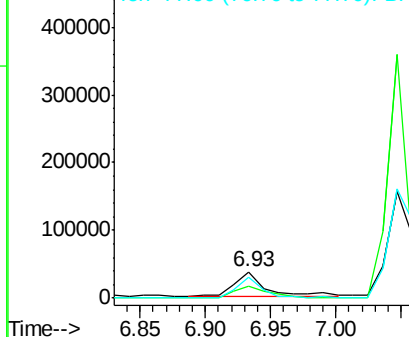


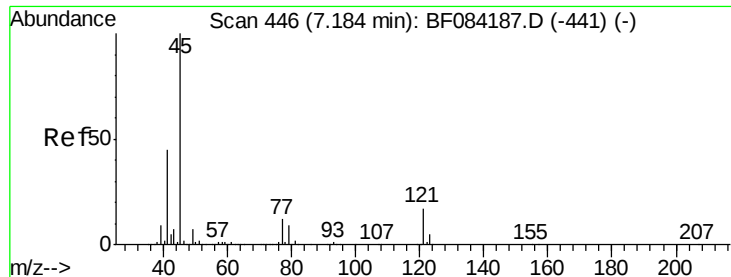
#15
Benzyl Alcohol
Concen: 3.93 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion: 79 Resp: 58237
Ion Ratio Lower Upper
79 100
108 46.0 69.0 103.4#
77 78.7 50.0 75.0#



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





#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.25 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

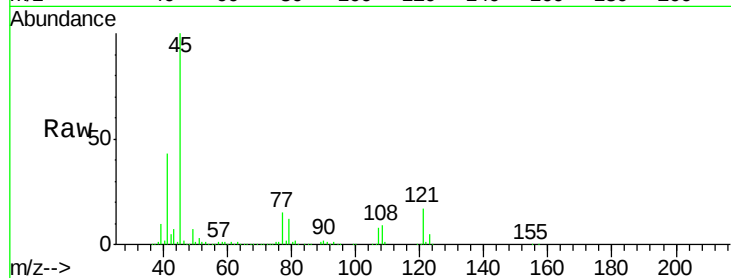
Tgt Ion: 45 Resp: 1165754

Ion Ratio Lower Upper

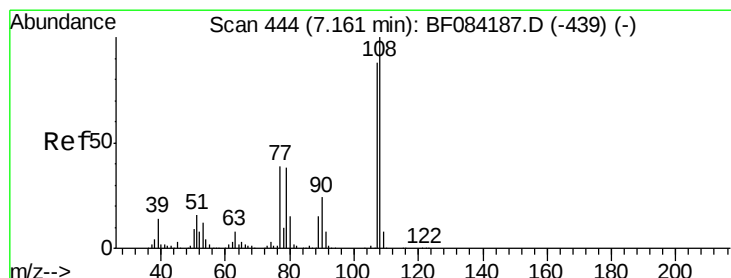
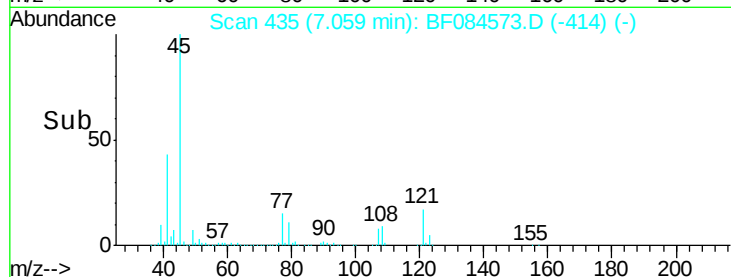
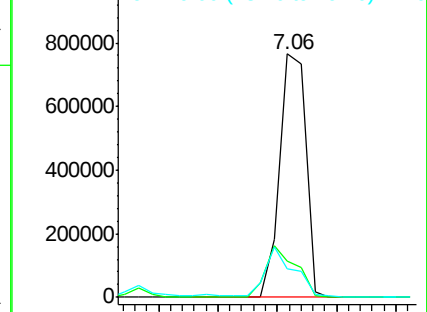
45 100

77 14.8 0.0 39.6

79 11.8 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 23.40 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion: 107 Resp: 312214

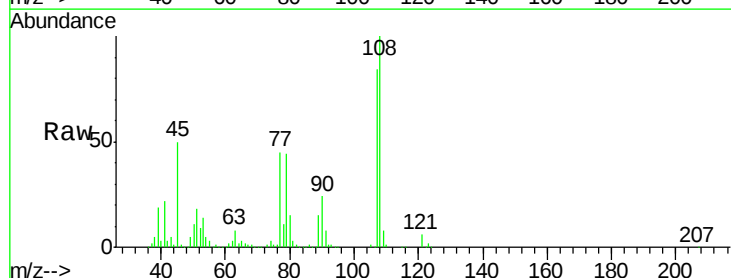
Ion Ratio Lower Upper

107 100

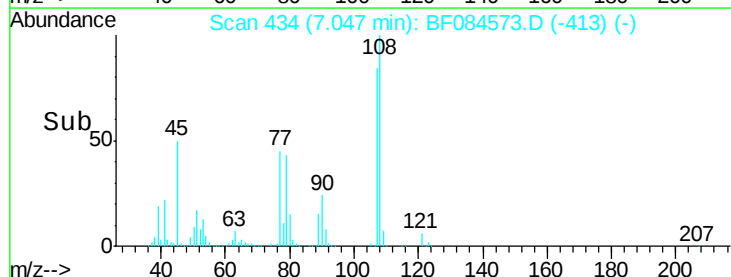
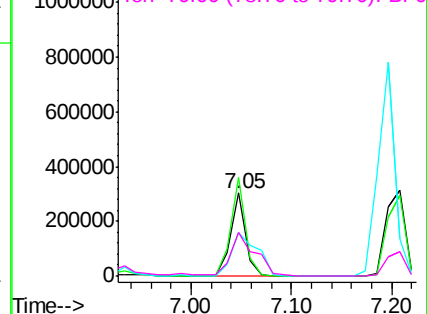
108 118.8 89.8 134.6

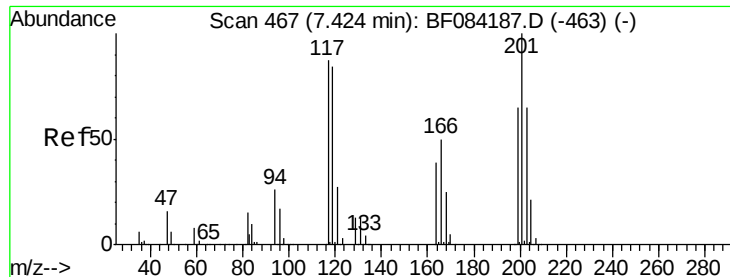
77 53.1 35.7 53.5

79 52.1 35.7 53.5



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

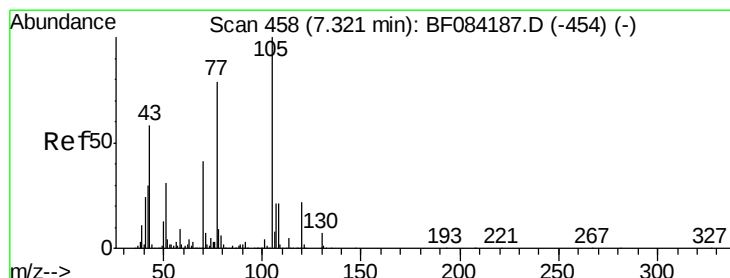
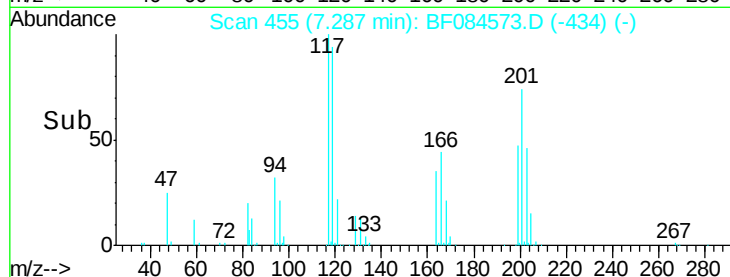
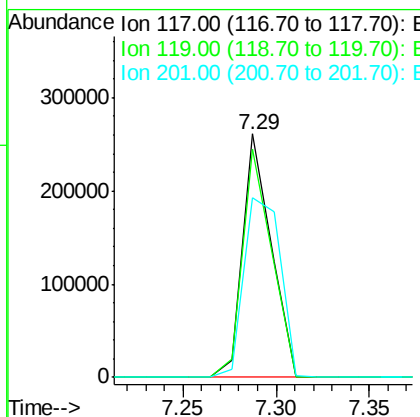
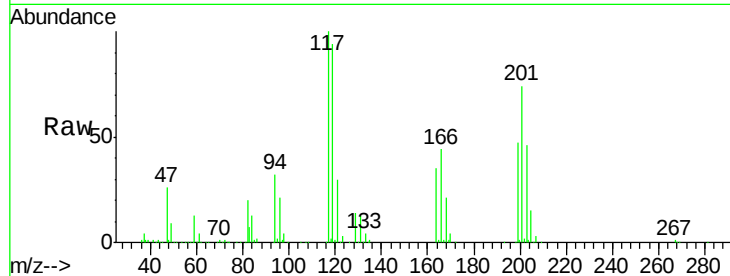




#18
Hexachloroethane
Concen: 42.23 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

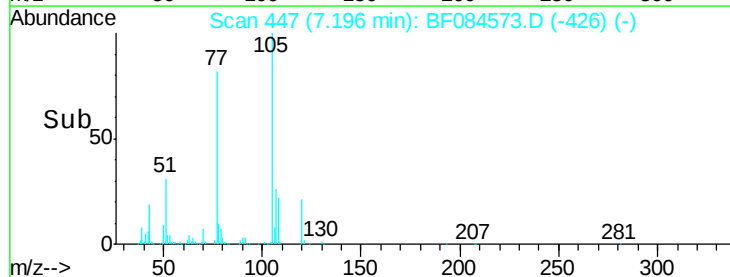
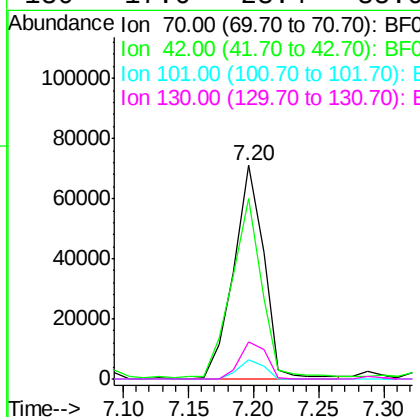
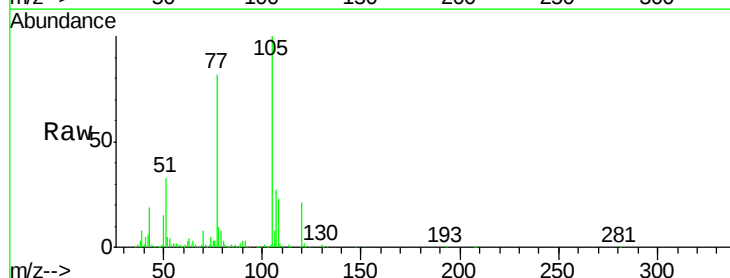
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

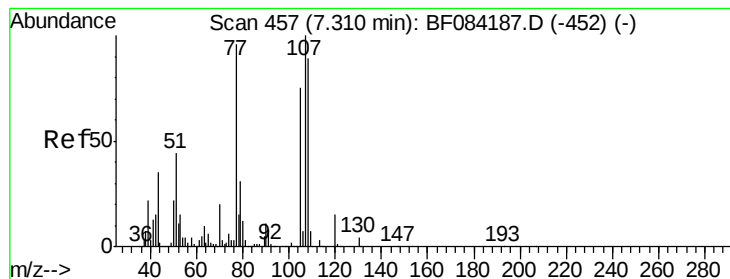
Tgt Ion: 117 Resp: 278059
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.0
201 73.9 68.6 103.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.60 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion: 70 Resp: 114483
Ion Ratio Lower Upper
70 100
42 84.6 33.3 49.9#
101 9.0 9.3 13.9#
130 17.6 23.4 35.0#





#20

3+4-Methylphenols

Concen: 26.44 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

Tgt Ion:107 Resp: 414583

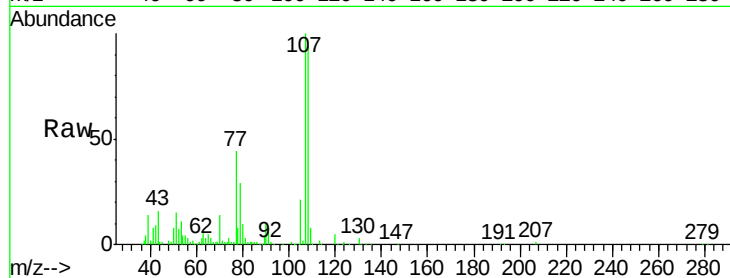
Ion Ratio Lower Upper

107 100

108 94.4 74.6 114.6

77 43.9 0.7 40.7#

79 29.1 0.0 39.0

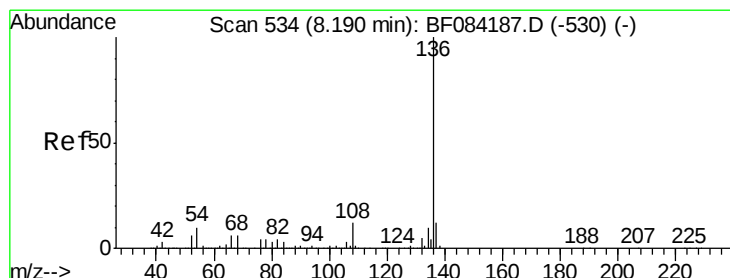
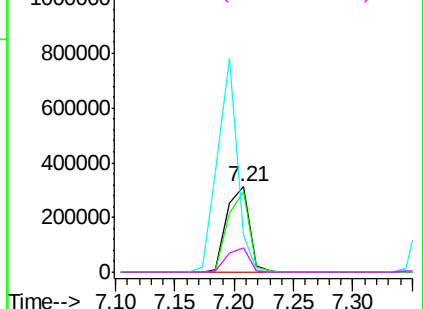
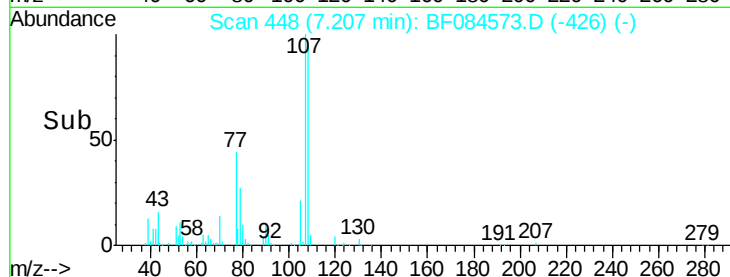


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:136 Resp: 873168

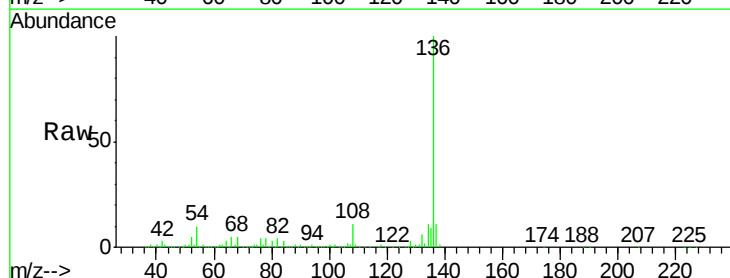
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.7 5.8 8.8#

68 5.3 4.2 6.2

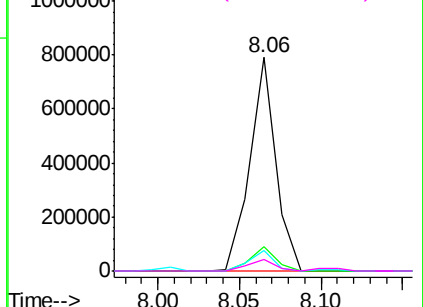
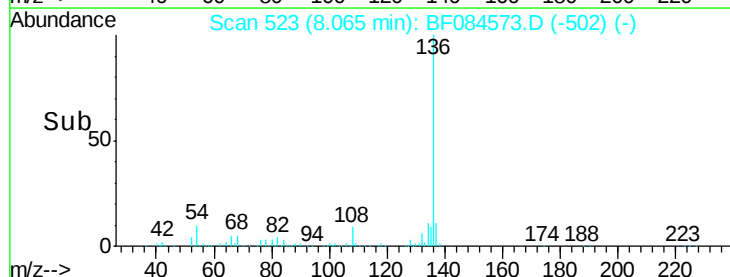


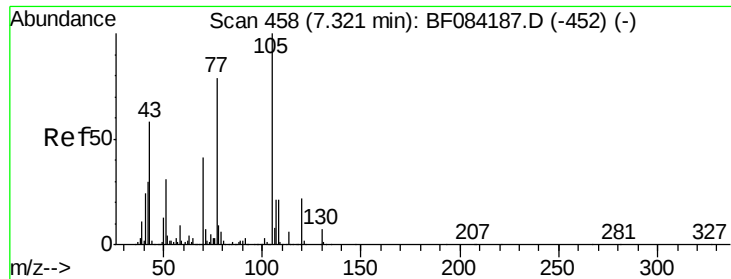
Abundance Ion 136.00 (135.70 to 136.70): E

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

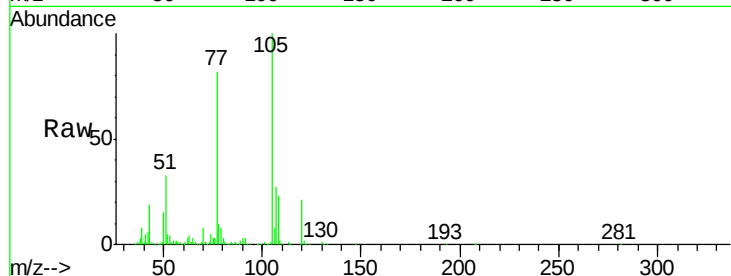




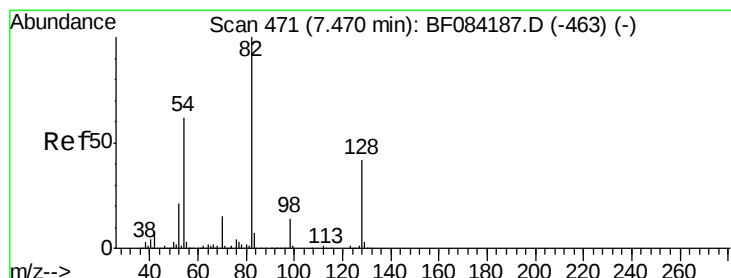
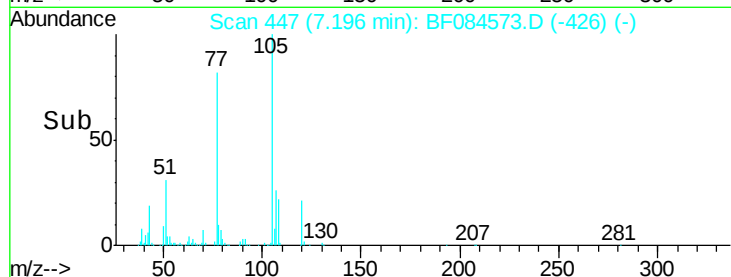
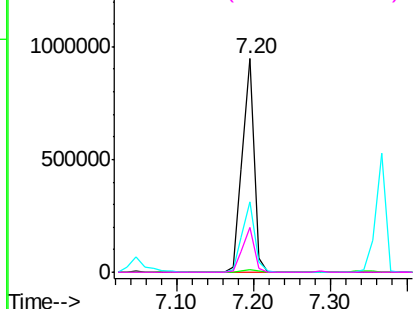
#22
Acetophenone
Concen: 48.74 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:105 Resp: 1023439
Ion Ratio Lower Upper
105 100
71 1.2 3.7 5.5#
51 33.1 25.1 37.7
120 21.1 16.6 25.0

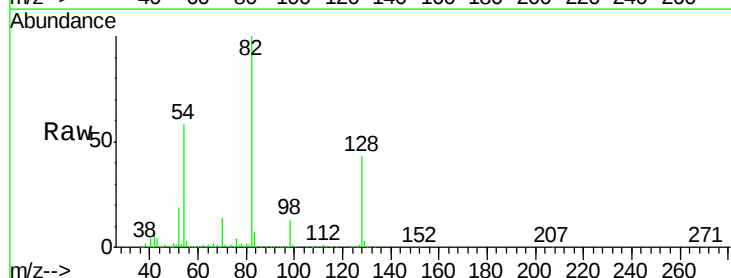


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

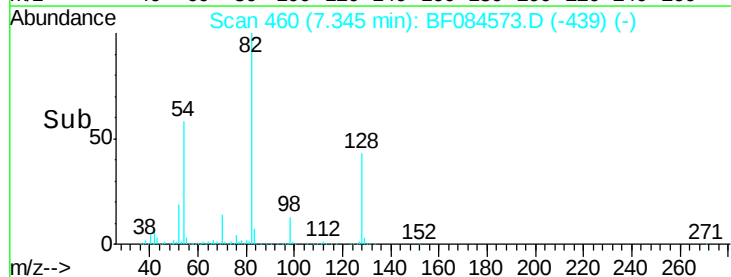
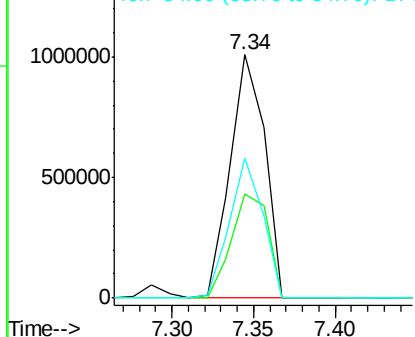


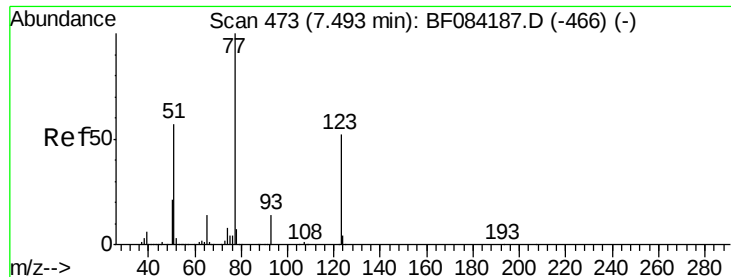
#23
Nitrobenzene-d5
Concen: 93.93 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion: 82 Resp: 1473655
Ion Ratio Lower Upper
82 100
128 42.6 34.6 51.8
54 57.6 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 49.70 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

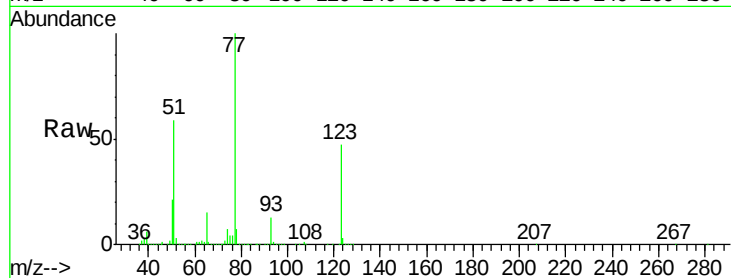
Tgt Ion: 77 Resp: 790779

Ion Ratio Lower Upper

77 100

123 47.4 37.4 56.2

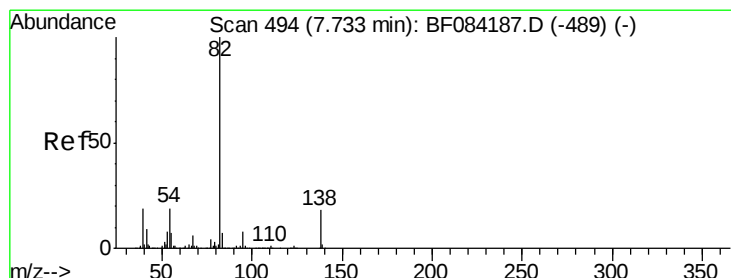
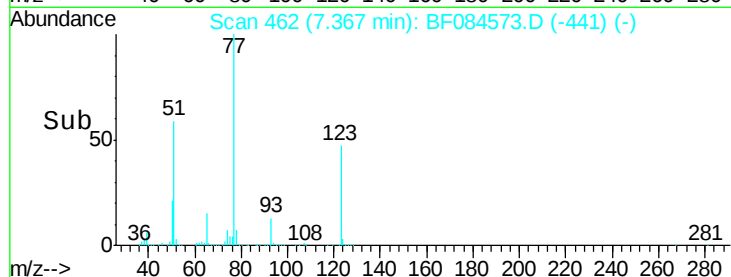
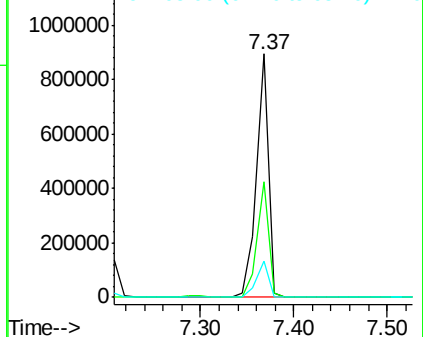
65 14.7 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 34.52 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

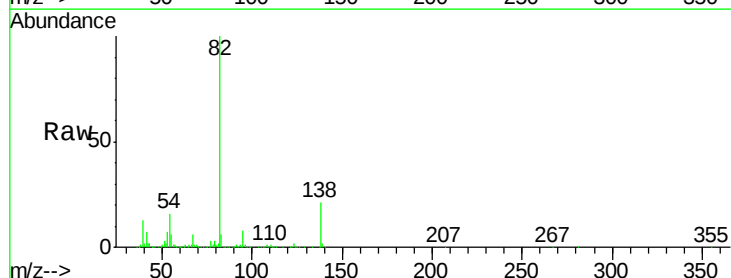
Tgt Ion: 82 Resp: 1035794

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

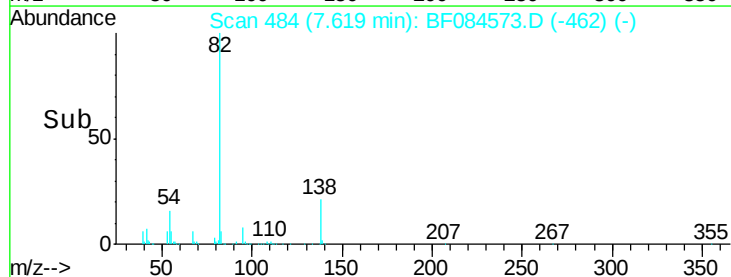
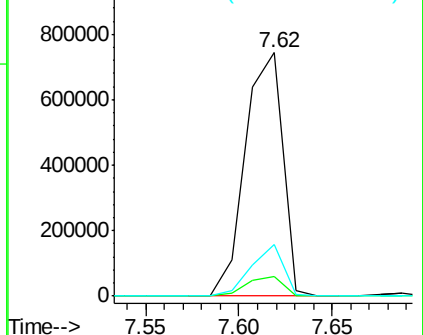
138 21.3 13.6 20.4#

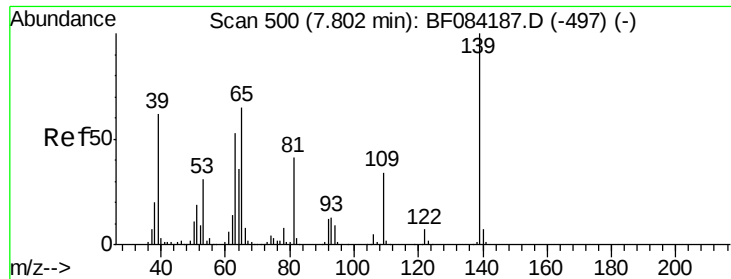


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

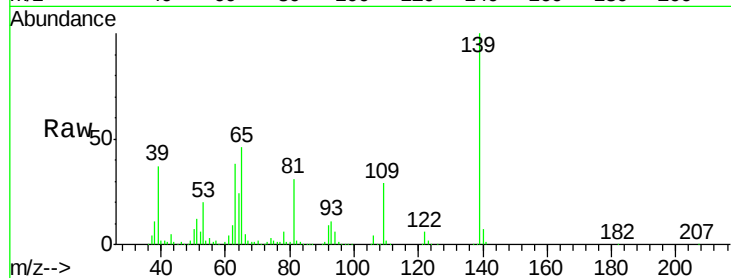




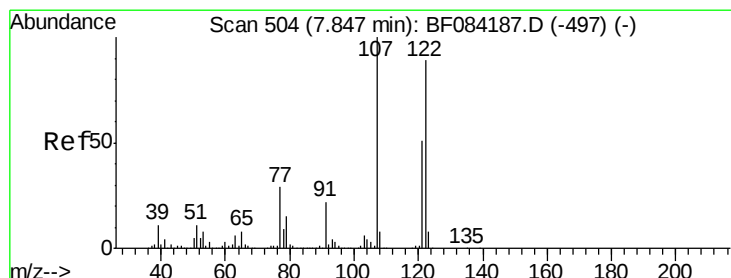
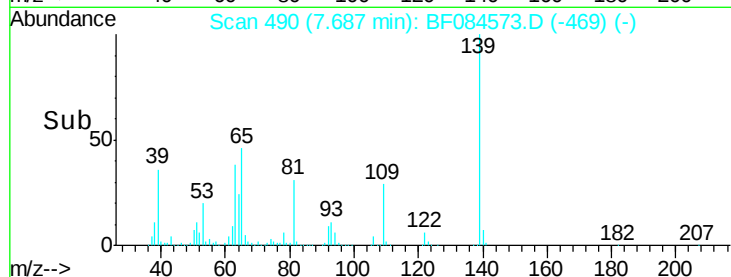
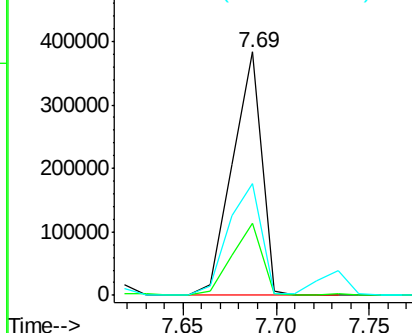
#26
 2-Nitrophenol
 Concen: 58.20 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.4	25.4	38.2
65	45.9	32.3	48.5

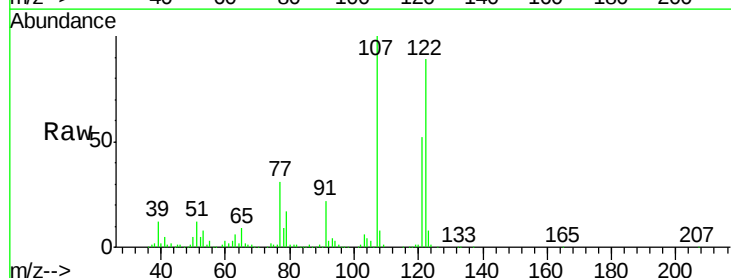


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

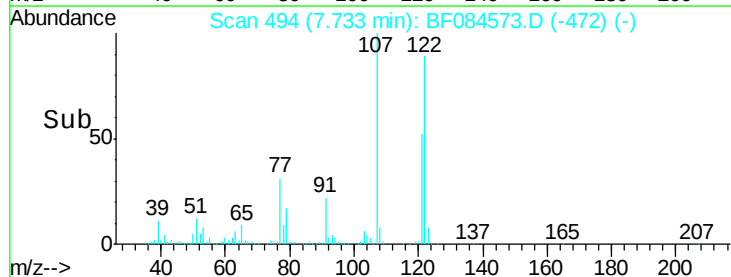
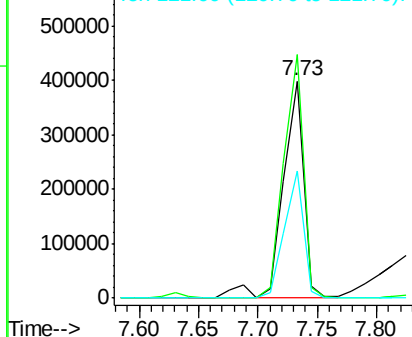


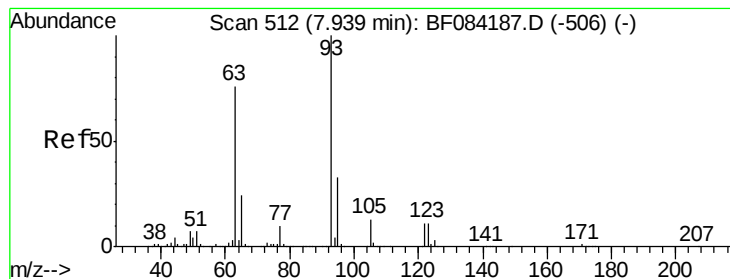
#27
 2,4-Dimethylphenol
 Concen: 32.69 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.3	99.1	148.7
121	58.4	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: 2.62 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.07 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

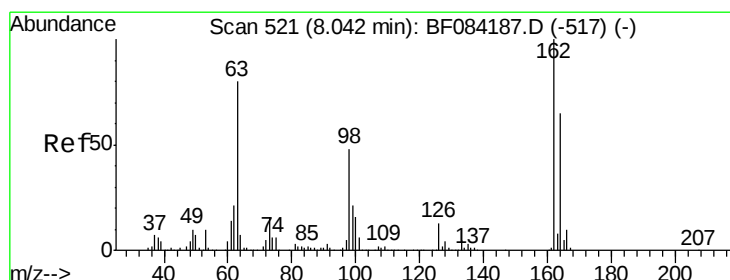
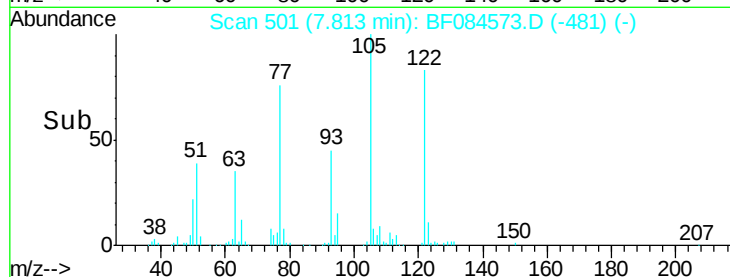
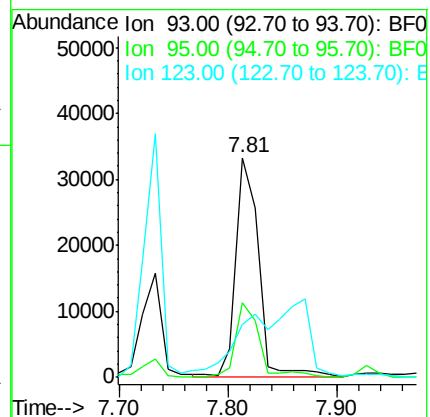
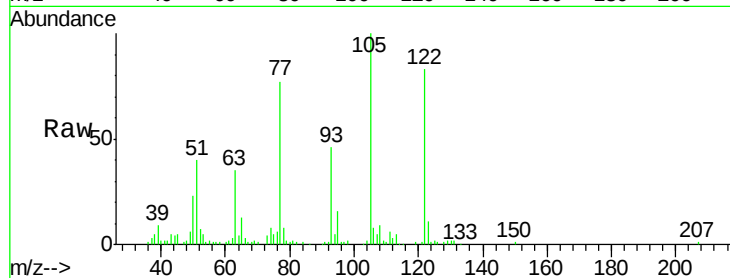
Tgt Ion: 93 Resp: 48080

Ion Ratio Lower Upper

93 100

95 34.3 25.8 38.6

123 23.9 8.6 12.8#



#29

2,4-Dichlorophenol

Concen: 48.16 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

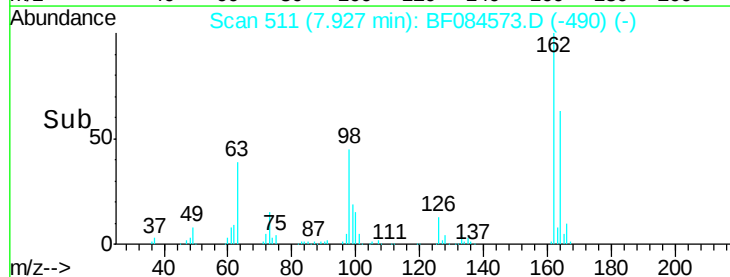
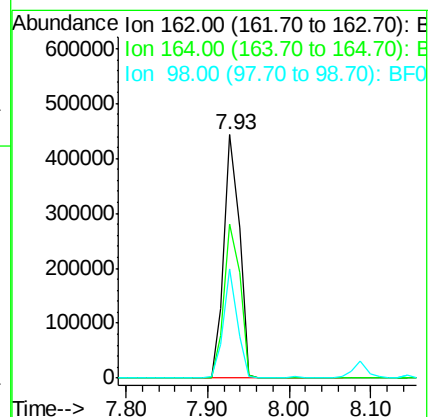
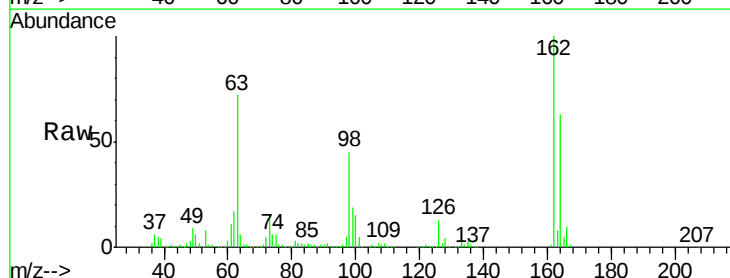
Tgt Ion: 162 Resp: 588058

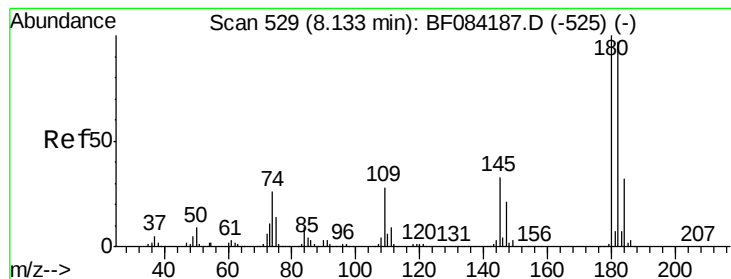
Ion Ratio Lower Upper

162 100

164 63.4 44.1 84.1

98 45.0 20.2 60.2





#30

1,2,4-Trichlorobenzene

Concen: 48.69 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

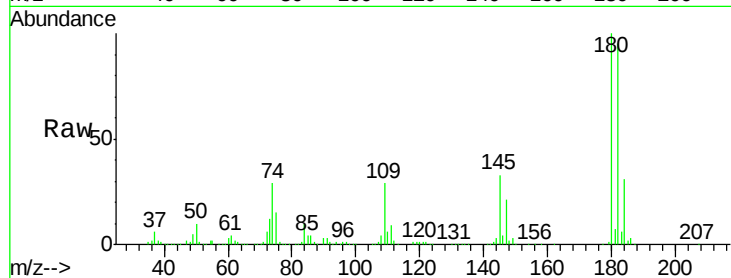
Tgt Ion:180 Resp: 613836

Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

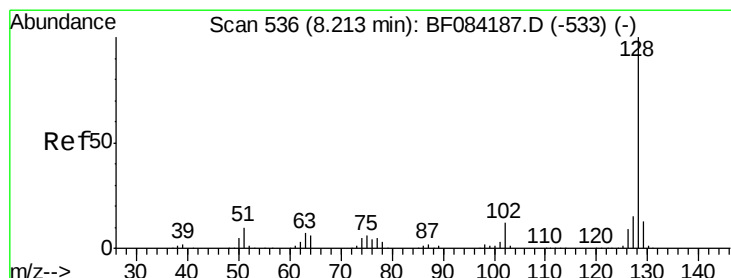
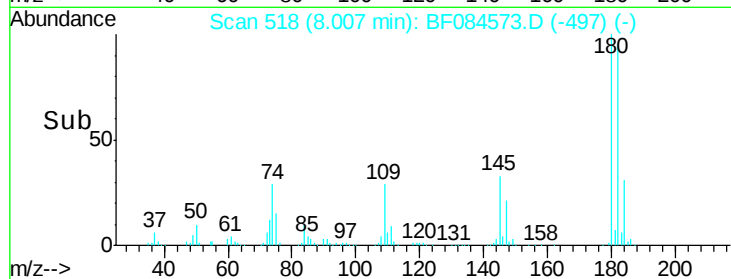
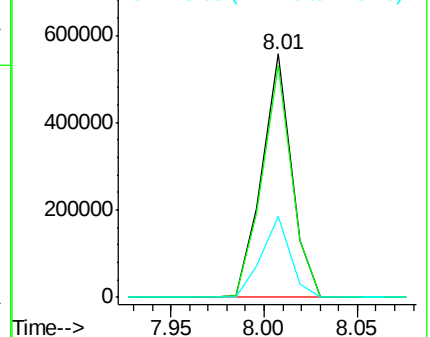
145 33.2 31.6 47.4



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: 51.90 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

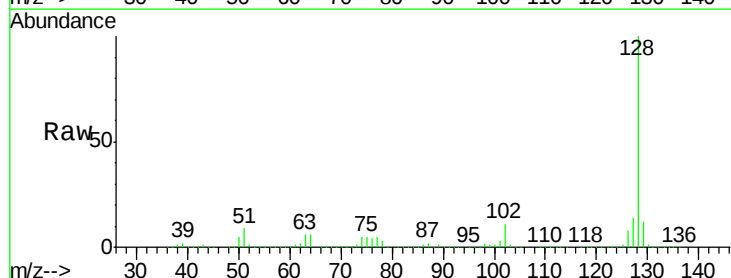
Tgt Ion:128 Resp: 2055937

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

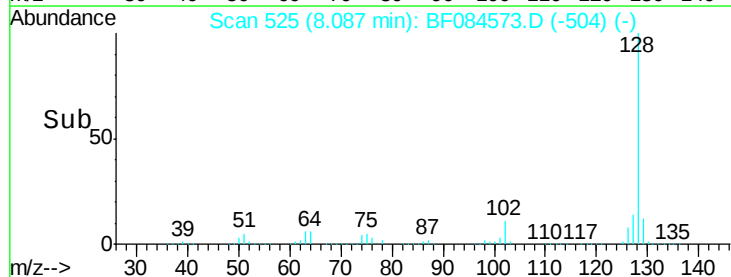
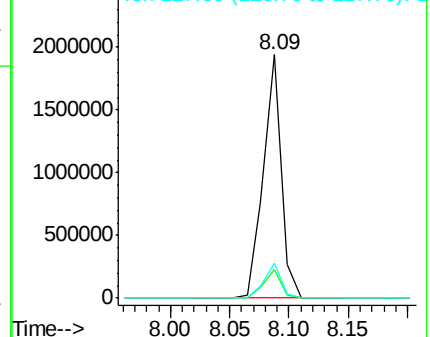
127 14.1 11.1 16.7

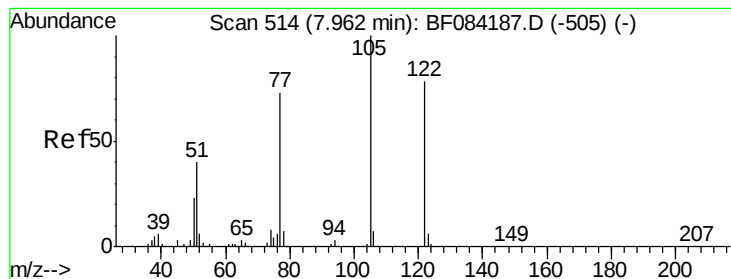


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 52.63 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

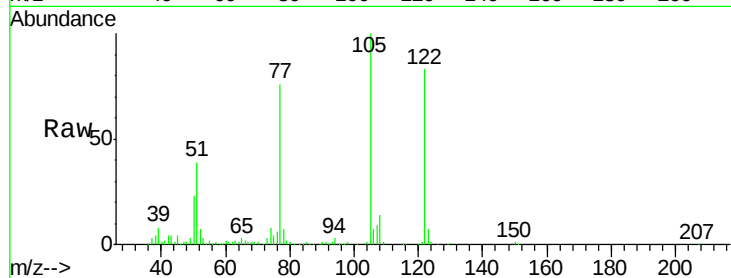
Tgt Ion:122 Resp: 502898

Ion Ratio Lower Upper

122 100

105 119.9 100.3 140.3

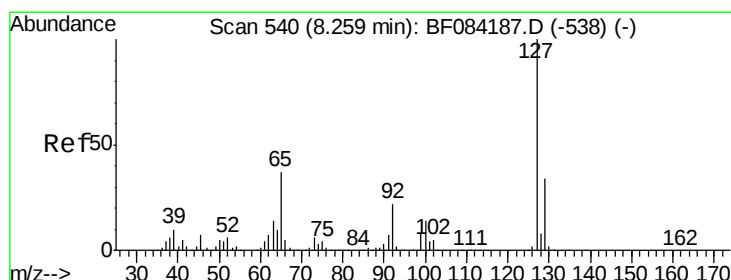
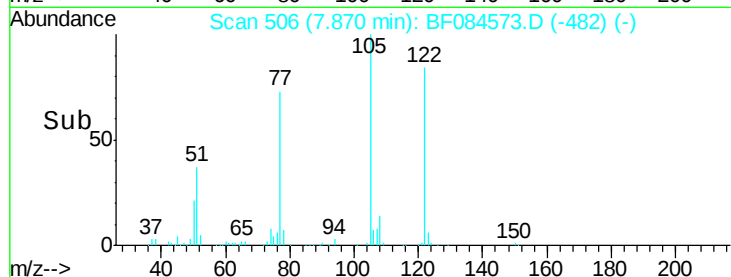
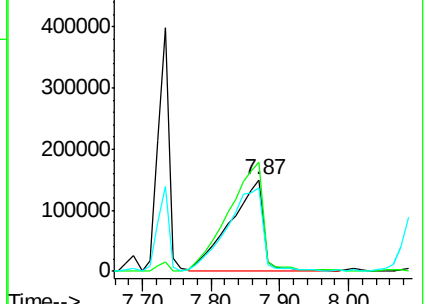
77 90.9 63.5 103.5



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: 15.49 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.11 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:127 Resp: 281273

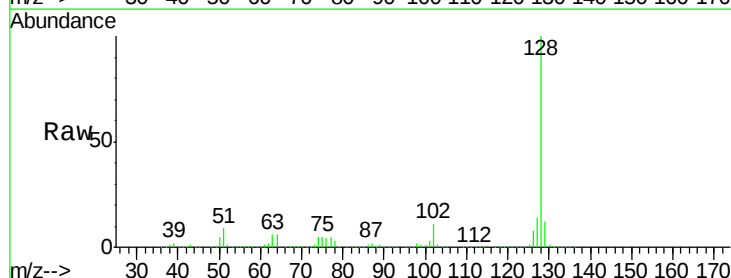
Ion Ratio Lower Upper

127 100

129 84.6 26.5 39.7#

65 0.0 27.2 40.8#

92 0.1 17.7 26.5#

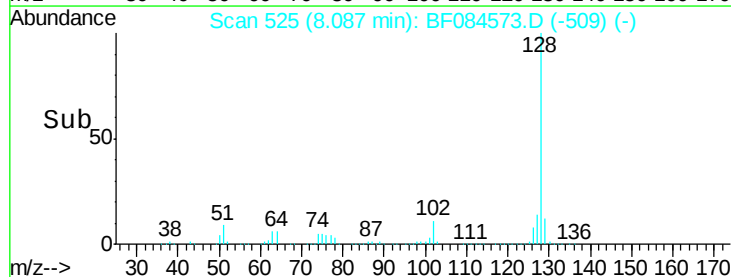
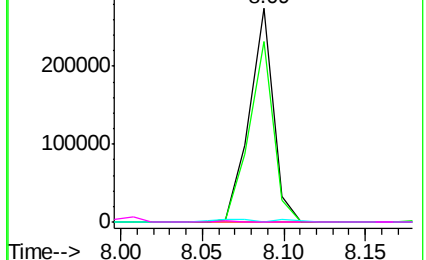


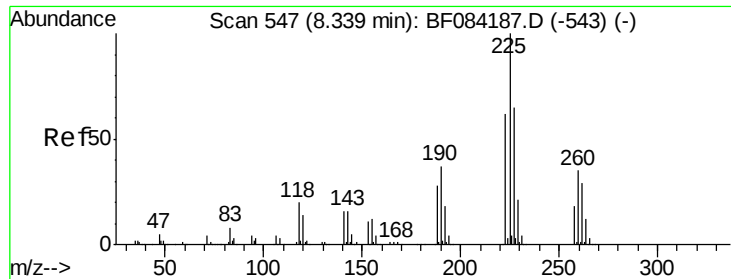
Abundance Ion 127.00 (126.70 to 127.70): E

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: 48.90 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

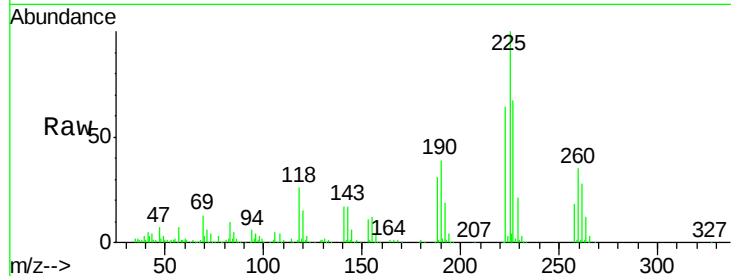
Tgt Ion:225 Resp: 354344

Ion Ratio Lower Upper

225 100

223 64.3 49.4 74.0

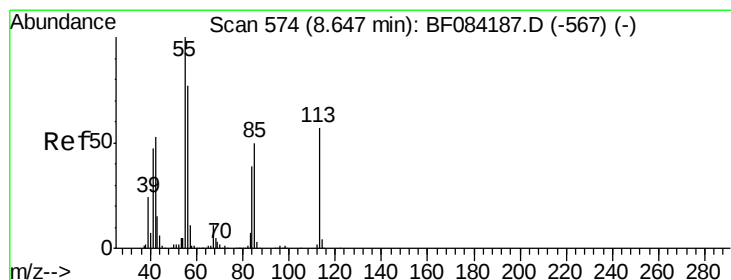
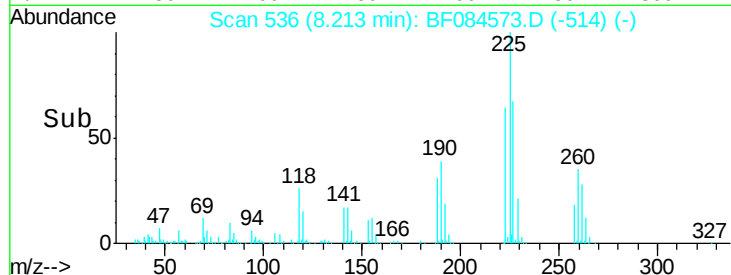
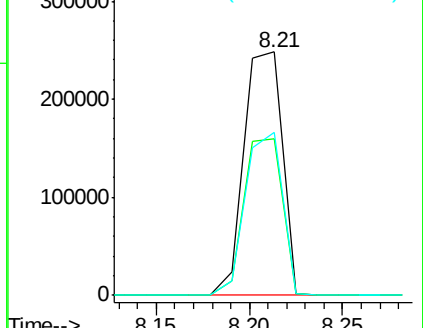
227 67.0 50.8 76.2



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: 24.06 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

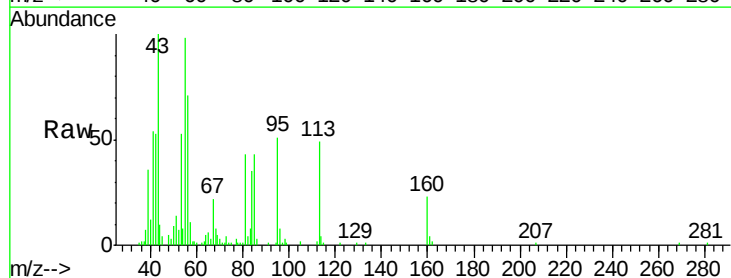
Tgt Ion:113 Resp: 99022

Ion Ratio Lower Upper

113 100

55 197.7 116.9 156.9#

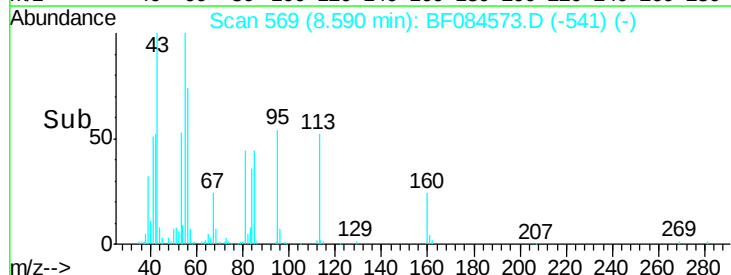
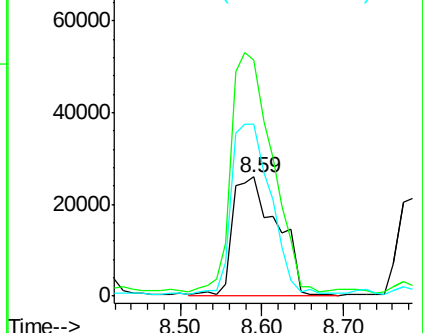
56 144.3 93.8 133.8#

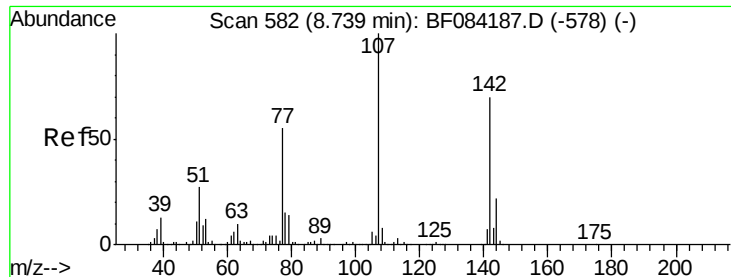


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

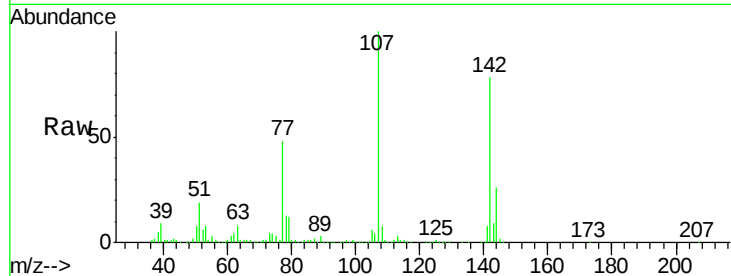




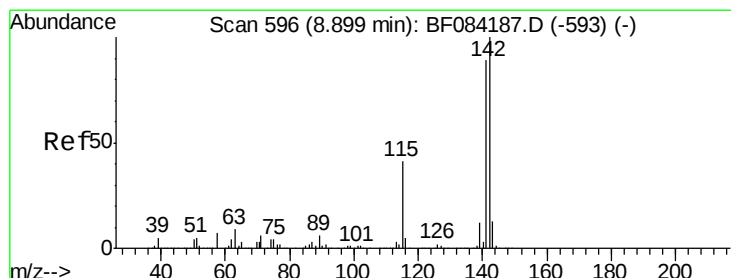
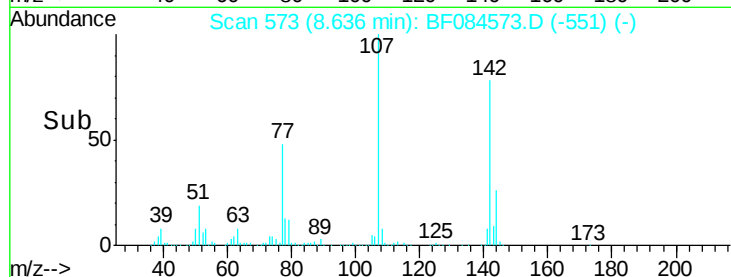
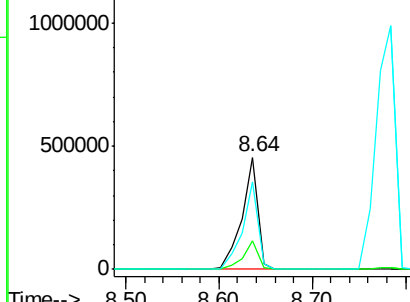
#36
 4-Chloro-3-methylphenol
 Concen: 39.31 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion:107 Resp: 537702
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.7 29.5
 142 78.3 61.8 92.6

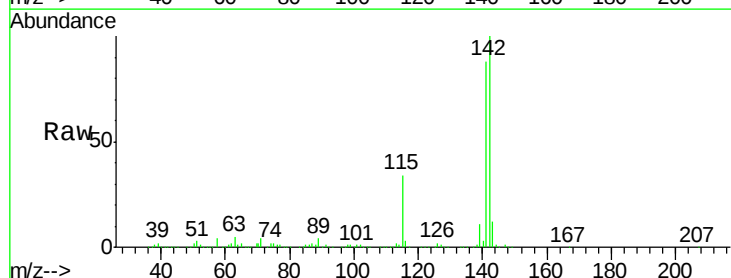


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

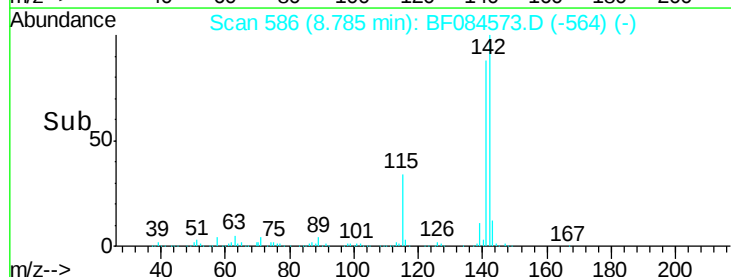
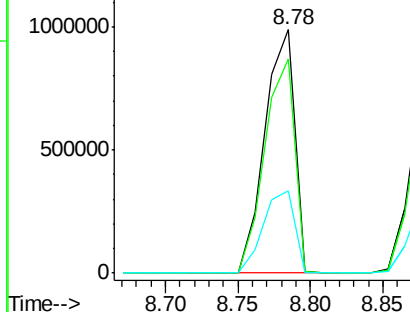


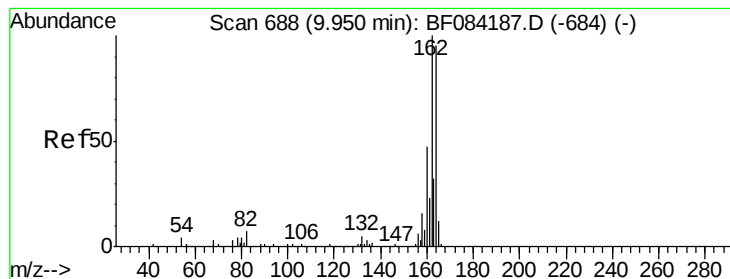
#37
 2-Methylnaphthalene
 Concen: 49.53 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion:142 Resp: 1408548
 Ion Ratio Lower Upper
 142 100
 141 88.2 72.4 108.6
 115 33.7 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: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

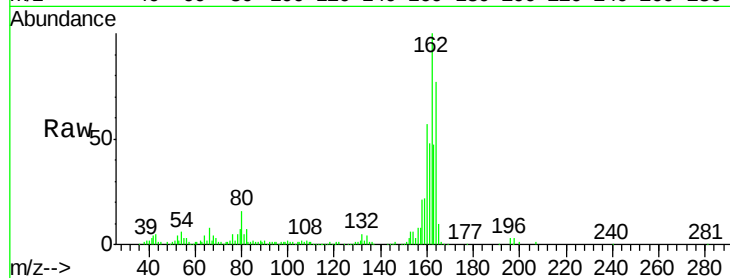
Tgt Ion:164 Resp: 133263

Ion Ratio Lower Upper

164 100

162 130.4 85.1 127.7#

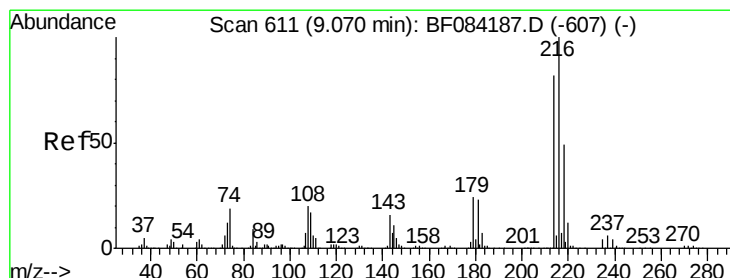
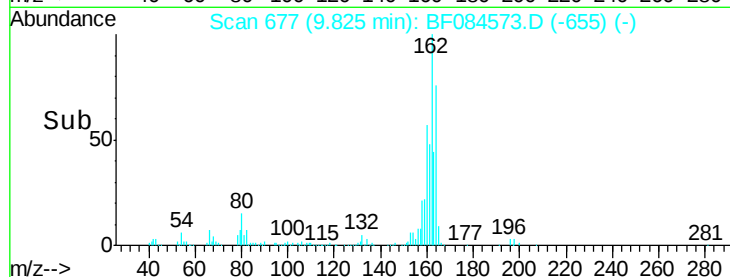
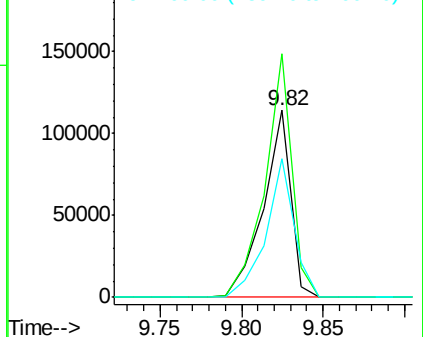
160 74.6 37.5 56.3#



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: 146.70 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:216 Resp: 562013

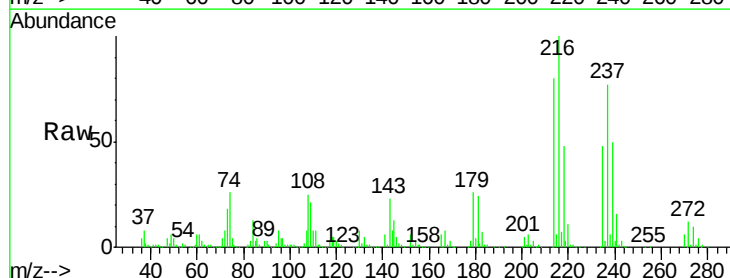
Ion Ratio Lower Upper

216 100

214 78.8 64.2 96.2

179 23.1 18.7 28.1

108 23.3 16.8 25.2

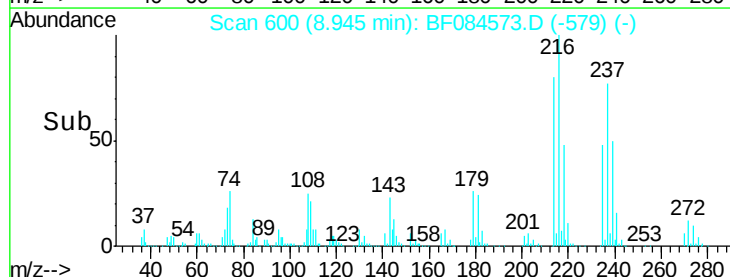
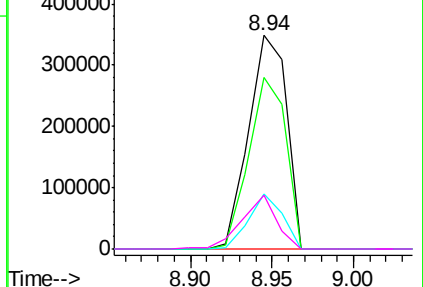


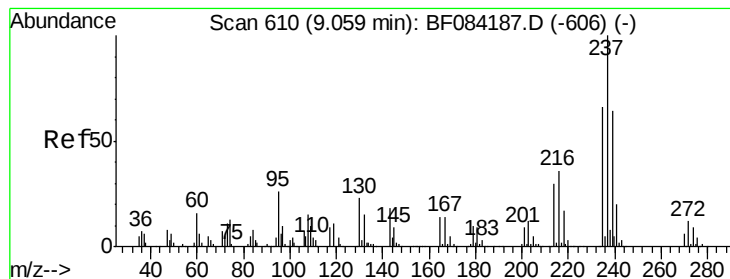
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 258.90 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

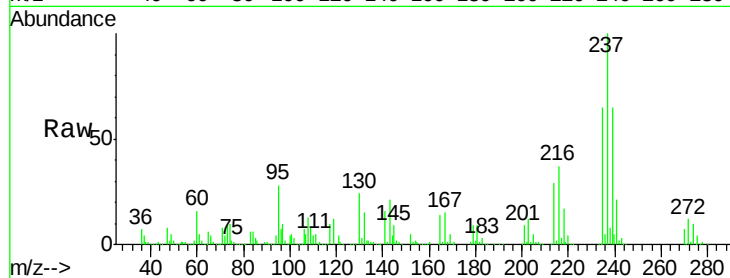
Tgt Ion: 237 Resp: 598763

Ion Ratio Lower Upper

237 100

235 65.1 43.1 83.1

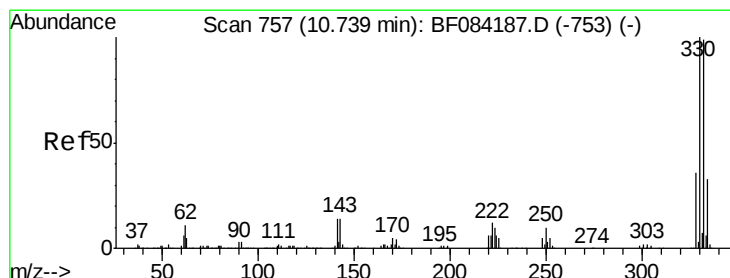
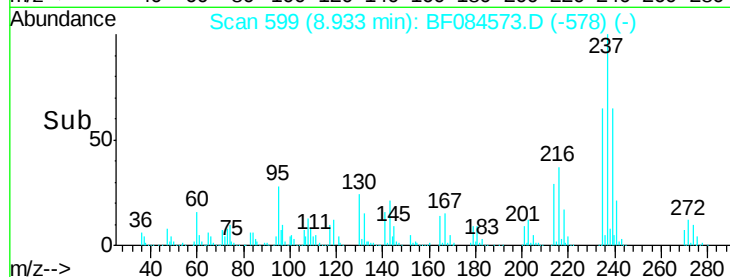
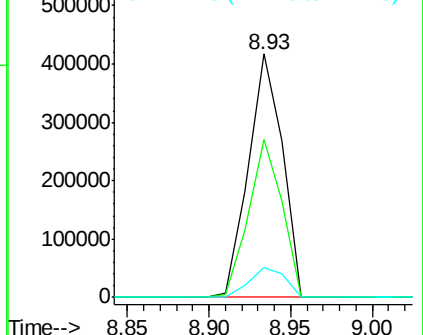
272 12.2 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 469.81 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

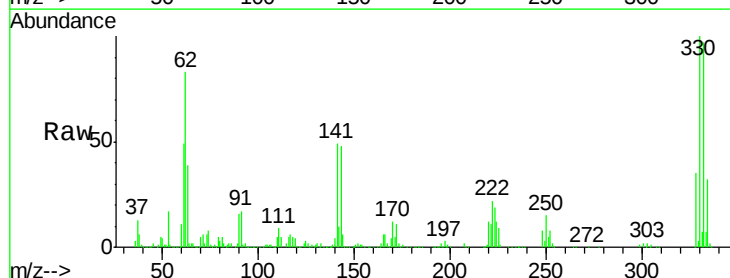
Tgt Ion: 330 Resp: 632081

Ion Ratio Lower Upper

330 100

332 98.4 76.6 114.8

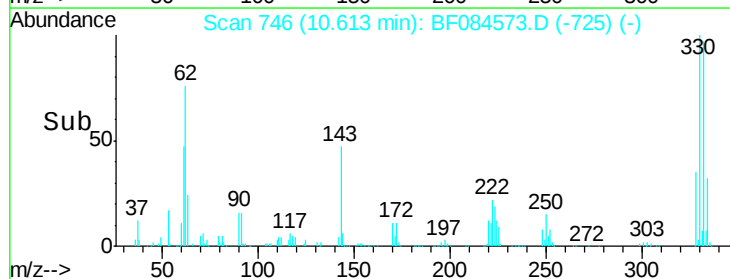
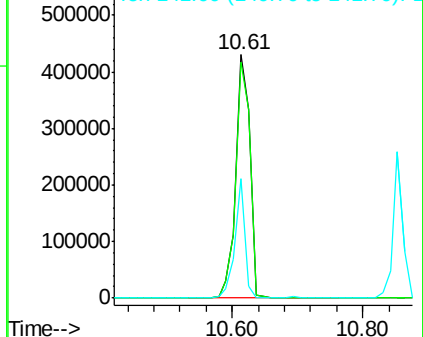
141 35.1 27.8 41.6

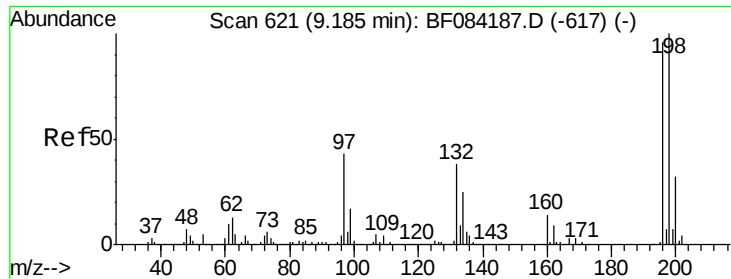


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

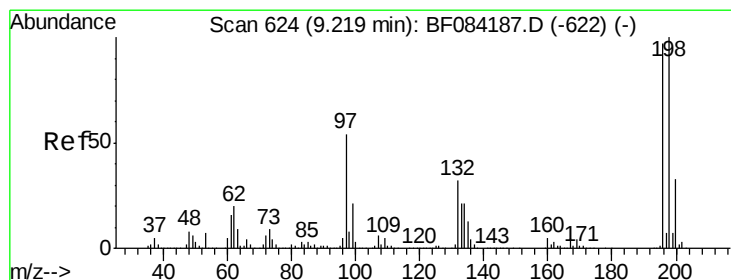
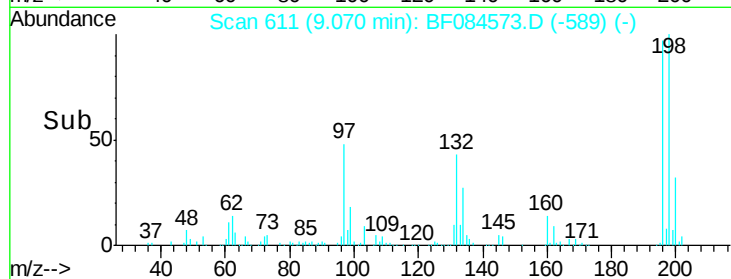
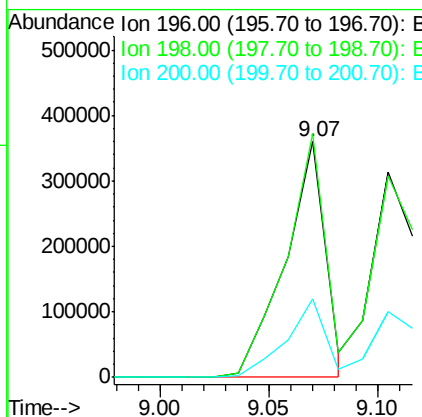
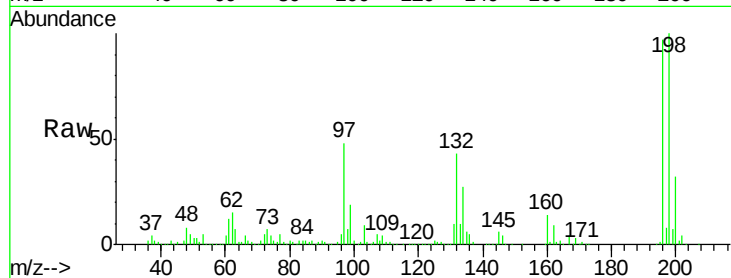




#42
 2,4,6-Trichlorophenol
 Concen: 162.65 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

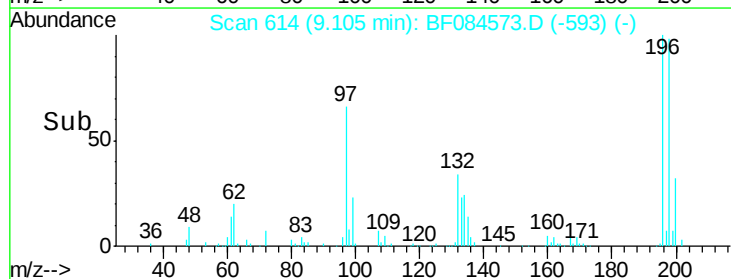
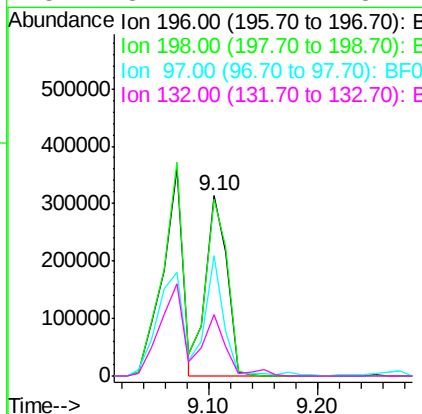
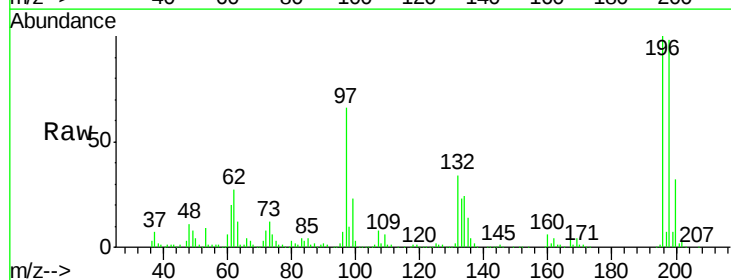
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

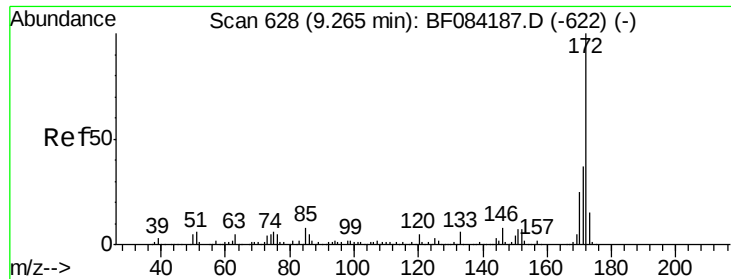
Tgt Ion:196 Resp: 466184
 Ion Ratio Lower Upper
 196 100
 198 103.2 77.7 116.5
 200 33.5 24.6 37.0



#43
 2,4,5-Trichlorophenol
 Concen: 157.07 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion:196 Resp: 431595
 Ion Ratio Lower Upper
 196 100
 198 97.9 79.0 118.6
 97 66.4 33.0 49.6#
 132 34.4 21.1 31.7#





#44

2-Fluorobiphenyl

Concen: 350.00 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

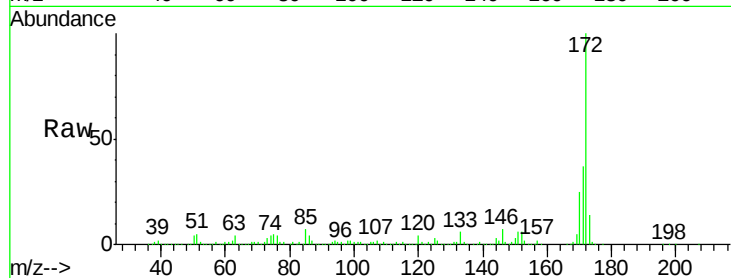
Tgt Ion:172 Resp: 2501913

Ion Ratio Lower Upper

172 100

171 36.9 28.9 43.3

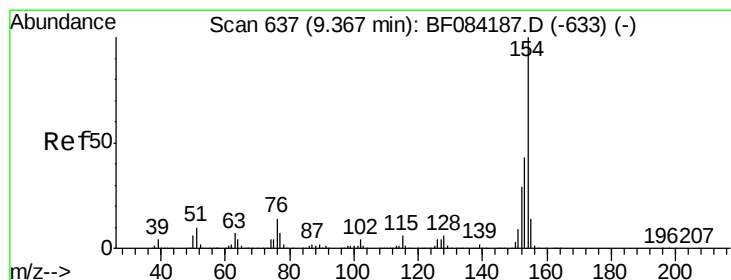
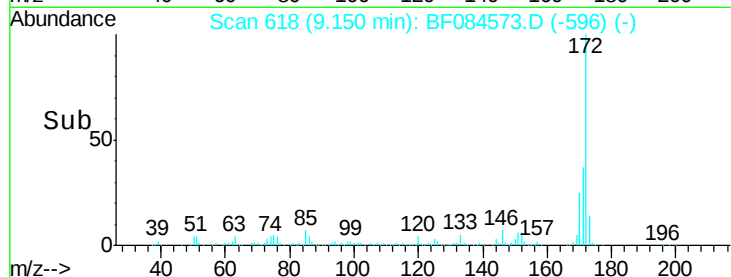
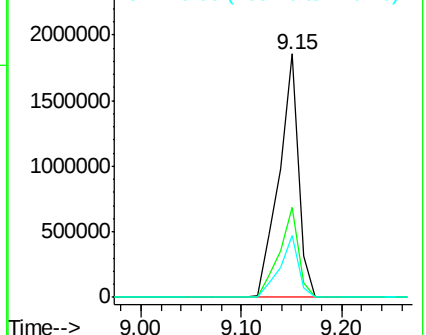
170 25.3 18.6 27.8



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: 168.09 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

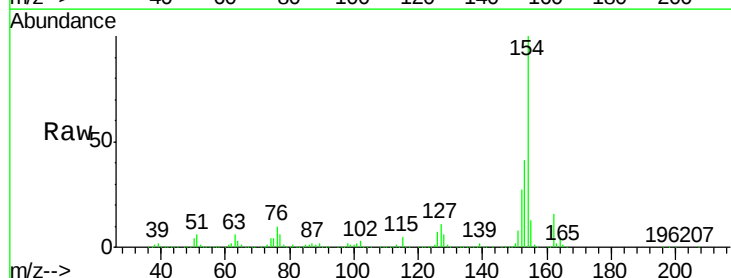
Tgt Ion:154 Resp: 1780243

Ion Ratio Lower Upper

154 100

153 41.0 21.6 61.6

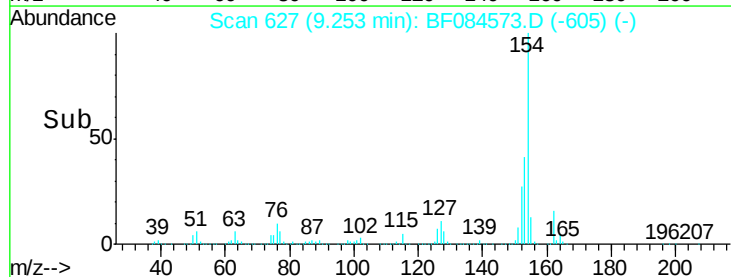
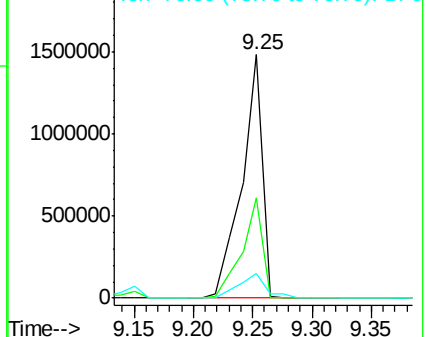
76 10.1 0.0 32.7

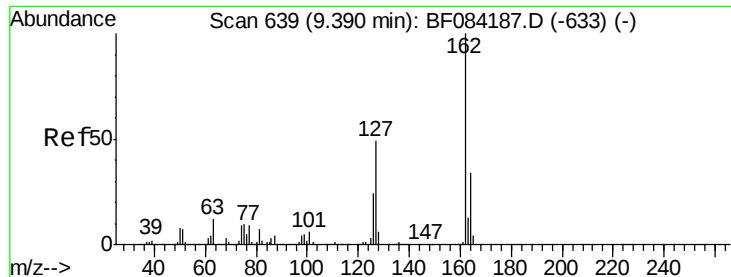


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

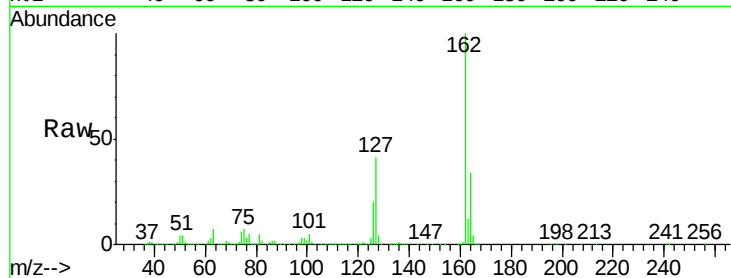




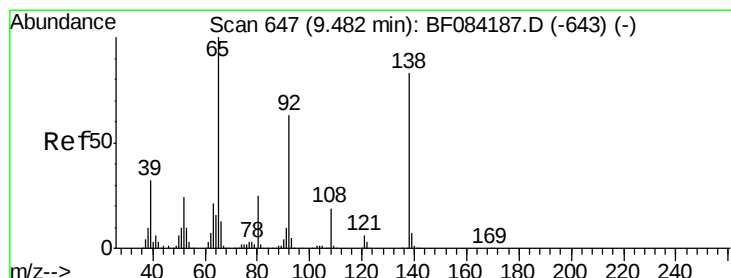
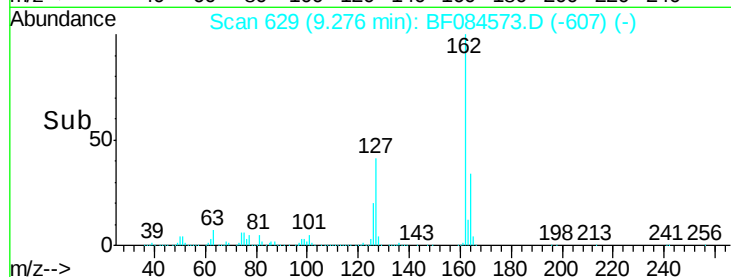
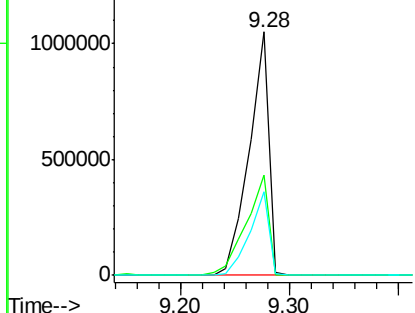
#46
 2-Chloronaphthalene
 Concen: 158.55 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tgt Ion: 162 Resp: 1319003
 Ion Ratio Lower Upper
 162 100
 127 41.4 40.2 60.4
 164 34.1 25.7 38.5

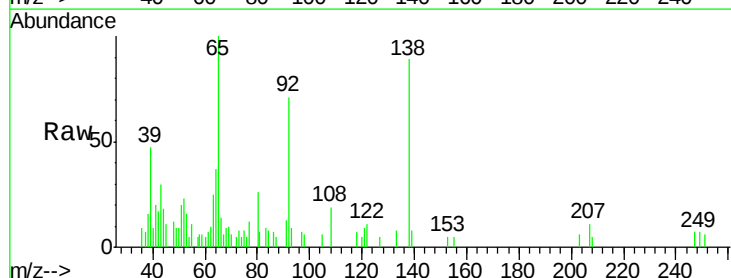


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

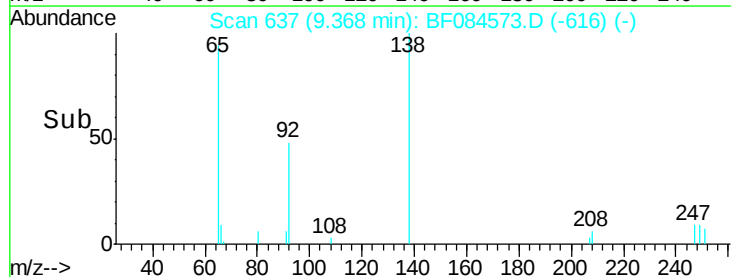
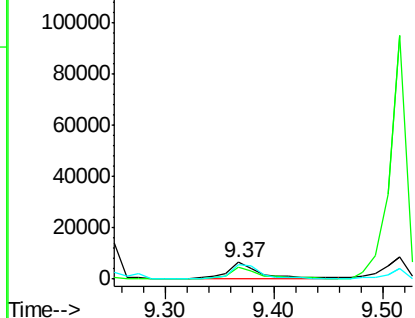


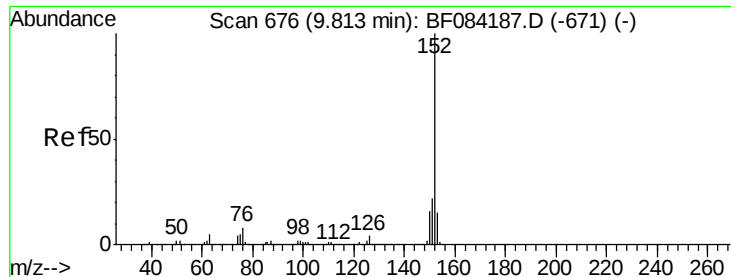
#47
 2-Nitroaniline
 Concen: 5.20 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion: 65 Resp: 14273
 Ion Ratio Lower Upper
 65 100
 92 71.2 53.4 80.2
 138 89.1 71.1 106.7



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





#48

Acenaphthylene

Concen: 24.39 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

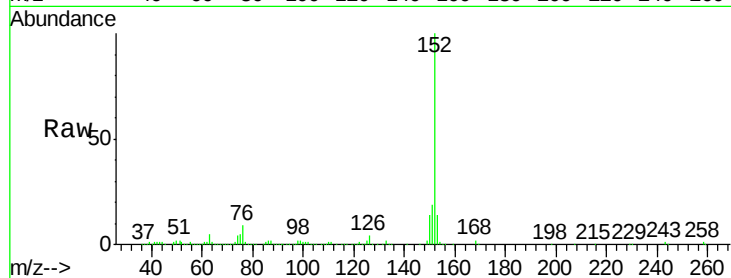
Tgt Ion:152 Resp: 299743

Ion Ratio Lower Upper

152 100

151 19.2 16.3 24.5

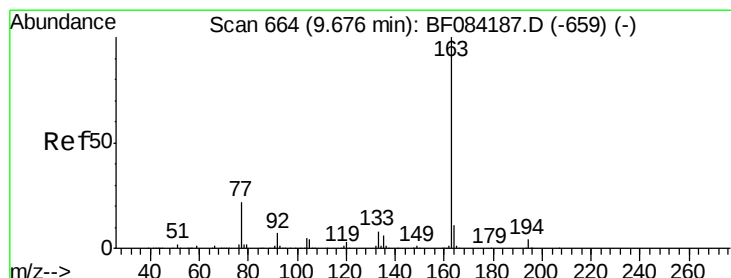
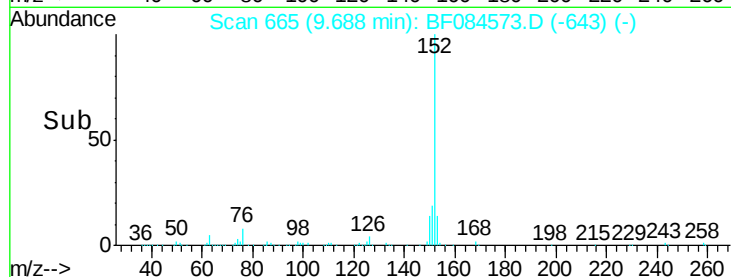
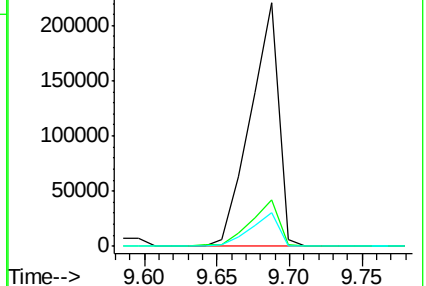
153 13.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.53 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

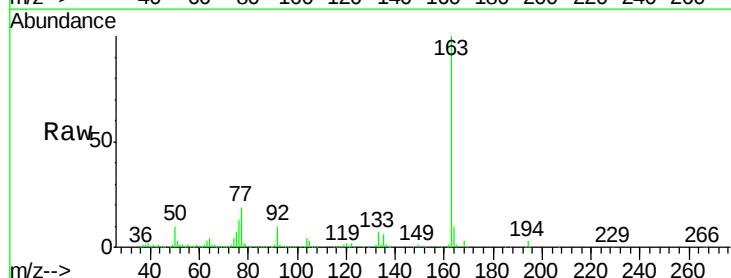
Tgt Ion:163 Resp: 443256

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

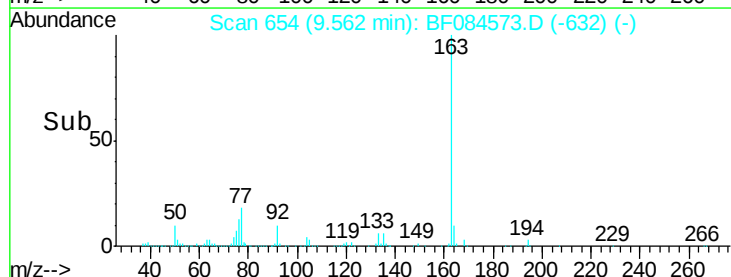
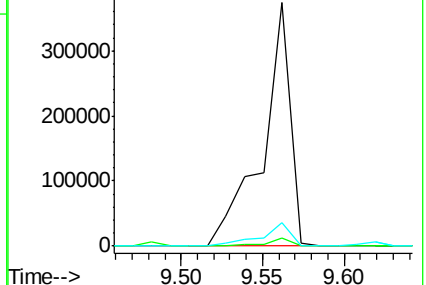
164 9.7 8.0 12.0

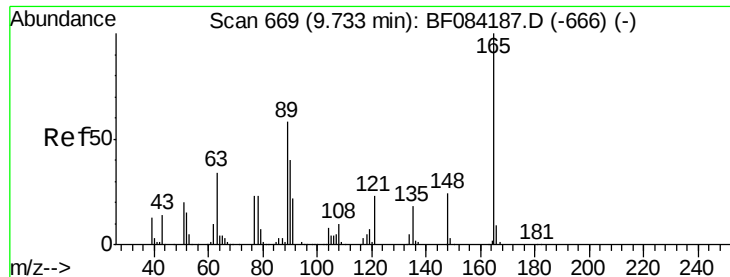


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 181.97 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

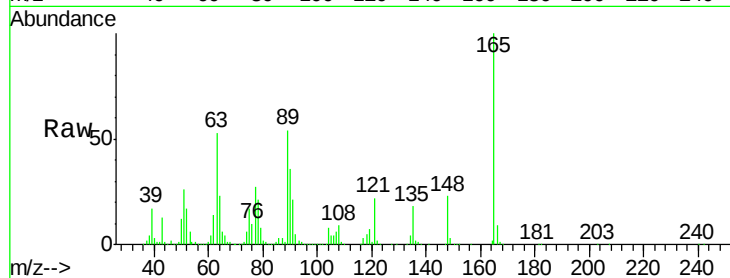
Tgt Ion:165 Resp: 380227

Ion Ratio Lower Upper

165 100

63 53.0 28.8 43.2#

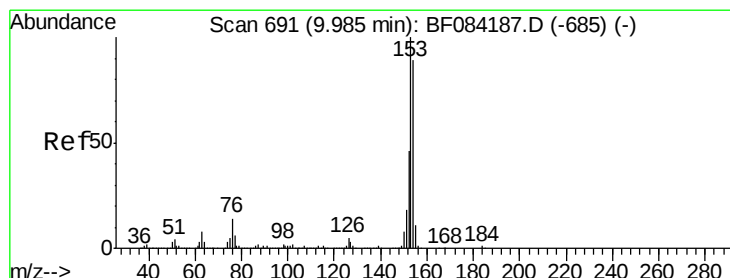
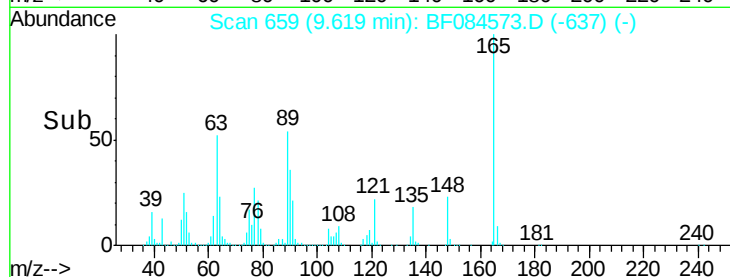
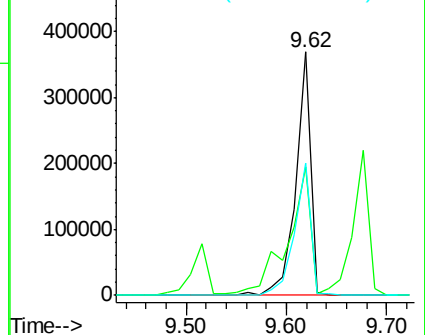
89 54.2 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 71.33 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

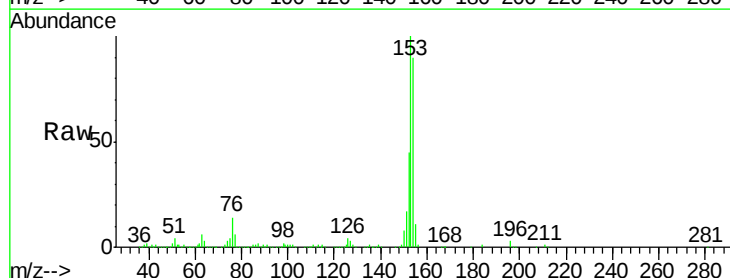
Tgt Ion:154 Resp: 588078

Ion Ratio Lower Upper

154 100

153 110.9 91.5 137.3

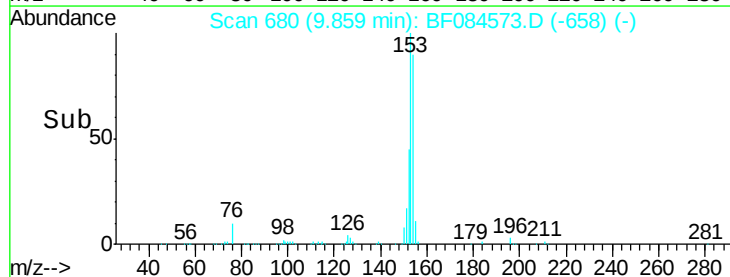
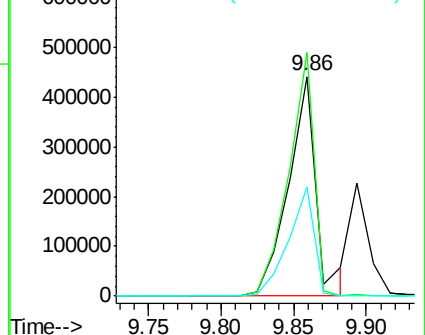
152 49.8 43.0 64.6

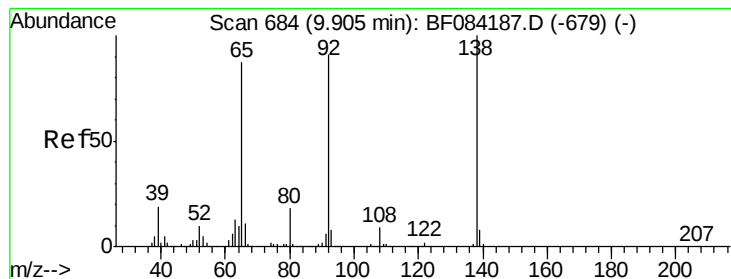


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 6.38 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

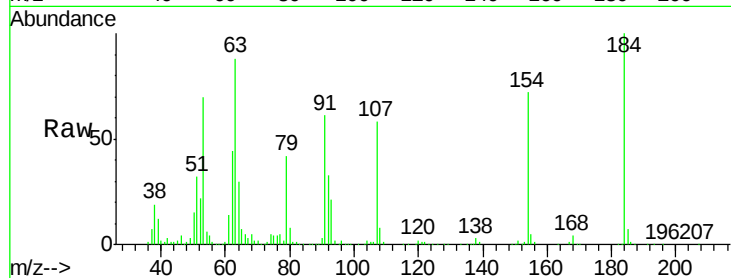
Tgt Ion:138 Resp: 16528

Ion Ratio Lower Upper

138 100

108 225.3 10.5 15.7#

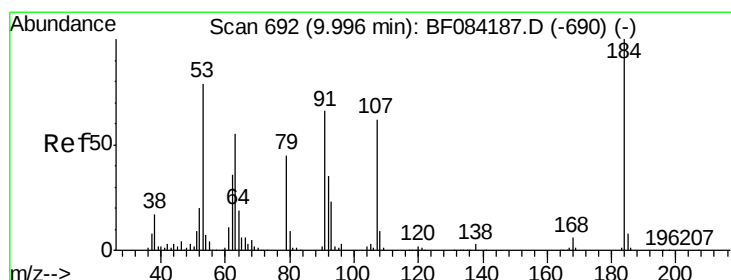
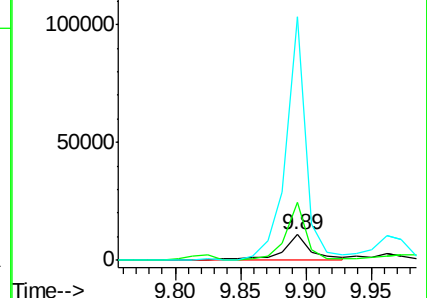
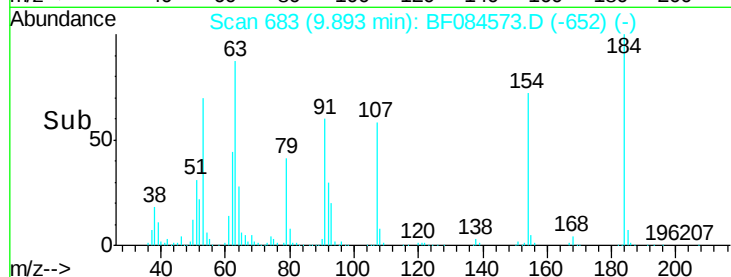
92 939.7 103.9 155.9#



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: 417.66 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

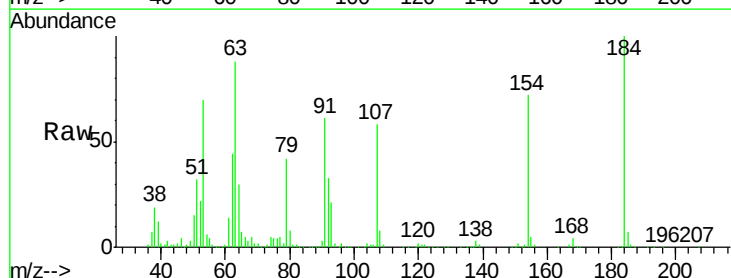
Tgt Ion:184 Resp: 385744

Ion Ratio Lower Upper

184 100

63 87.8 43.1 64.7#

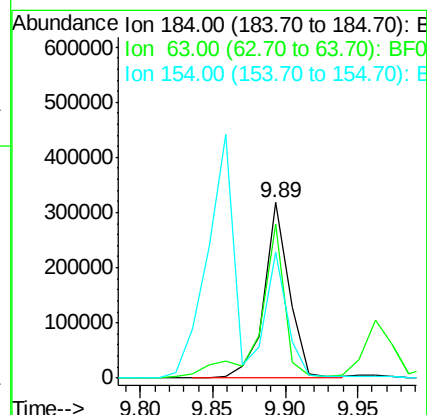
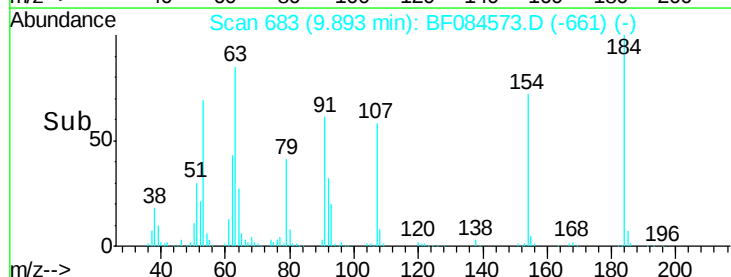
154 71.7 60.5 90.7

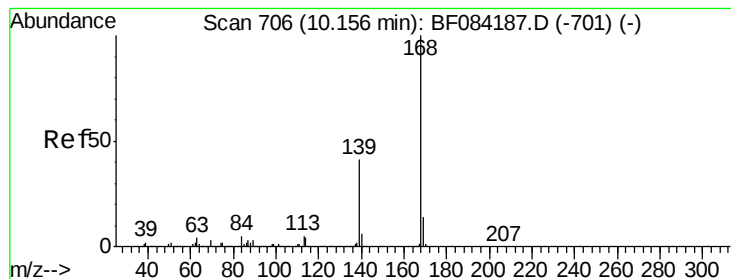


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 139.43 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

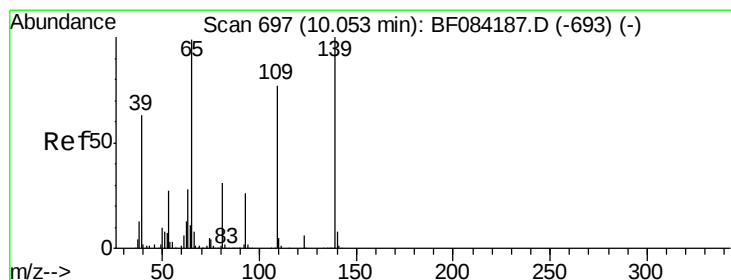
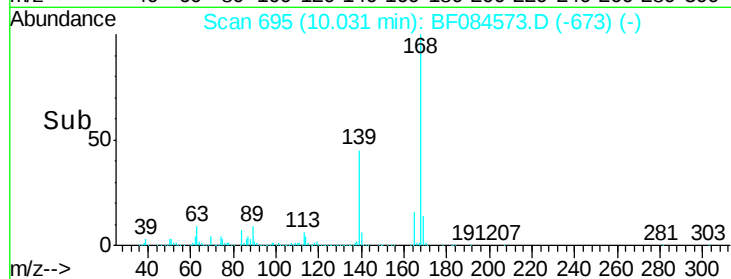
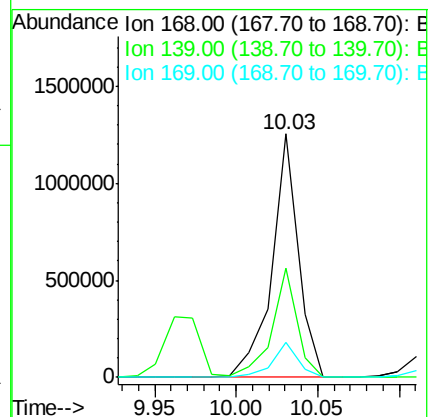
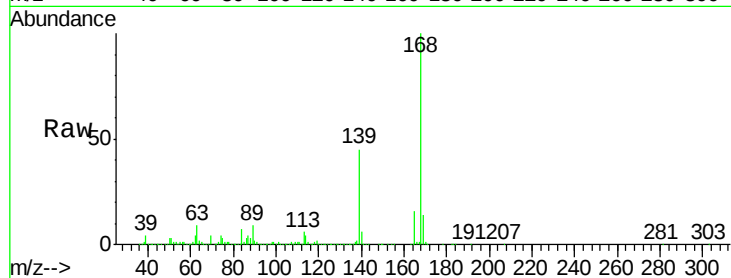
Tgt Ion:168 Resp: 1422308

Ion Ratio Lower Upper

168 100

139 44.6 30.5 45.7

169 14.4 10.4 15.6



#55

4-Nitrophenol

Concen: 262.91 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

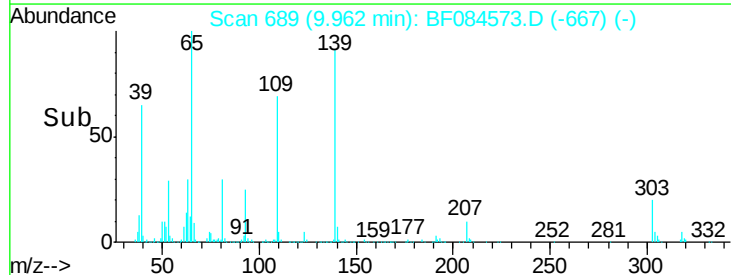
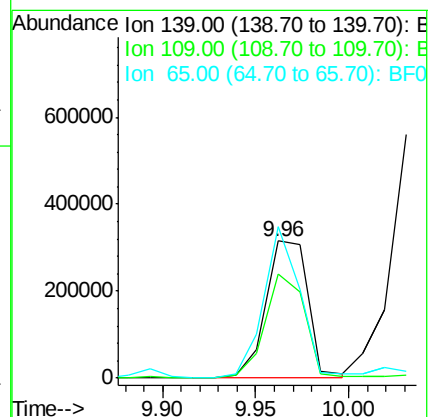
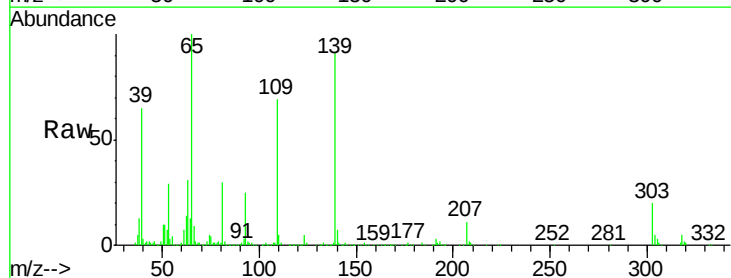
Tgt Ion:139 Resp: 494114

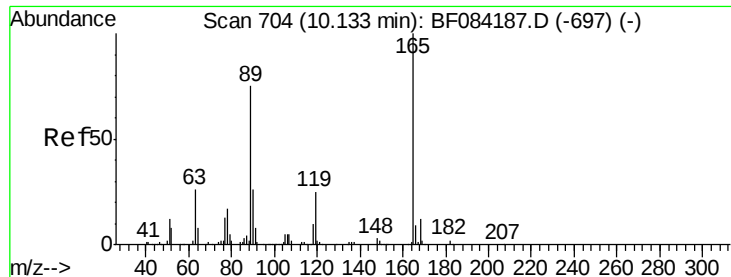
Ion Ratio Lower Upper

139 100

109 76.2 58.5 98.5

65 110.2 57.6 97.6#

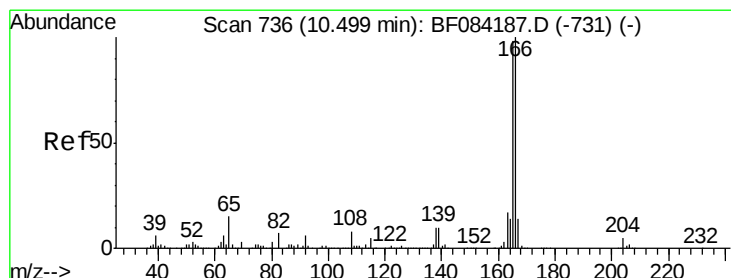
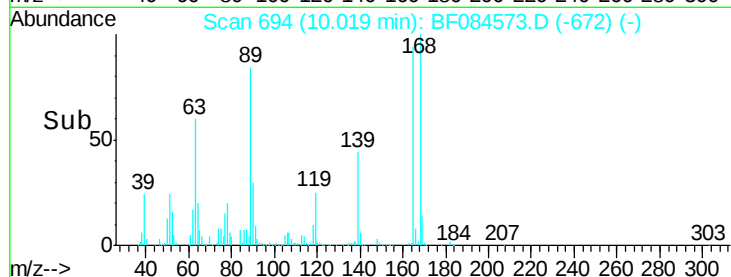
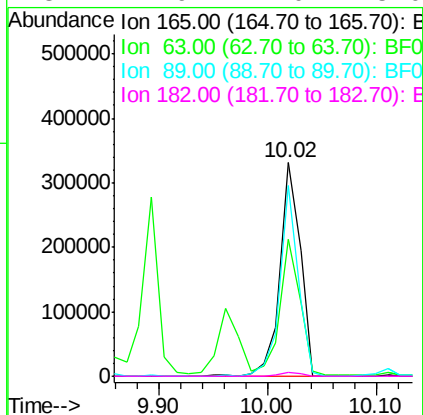
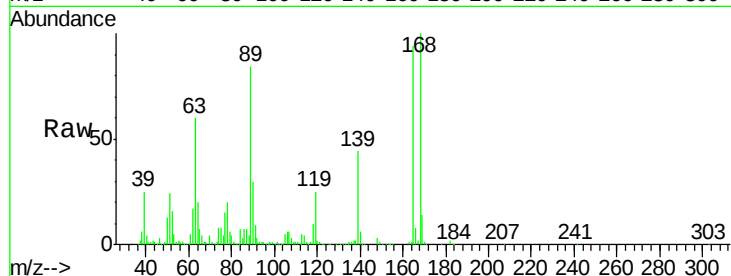




#56
2,4-Dinitrotoluene
Concen: 162.91 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

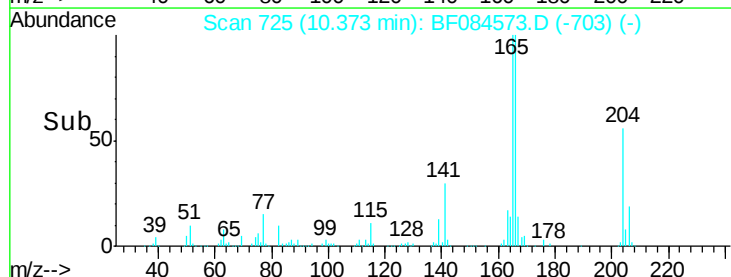
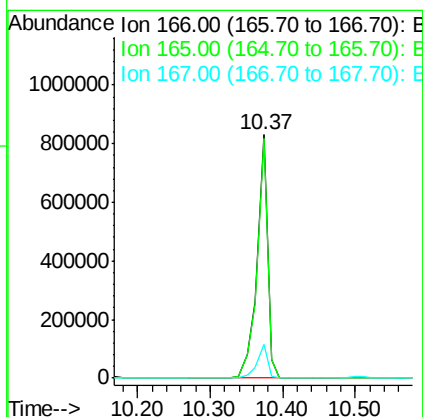
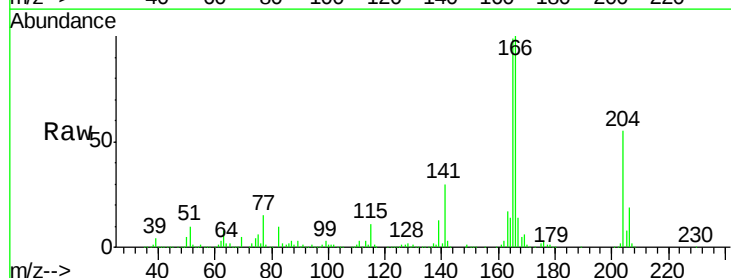
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

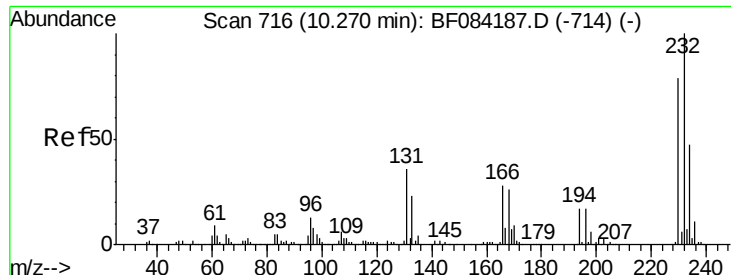
Tgt Ion:165 Resp: 430838
Ion Ratio Lower Upper
165 100
63 64.3 36.7 55.1#
89 89.2 61.9 92.9
182 1.9 2.0 3.0#



#57
Fluorene
Concen: 106.71 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion:166 Resp: 854157
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.9 10.4 15.6

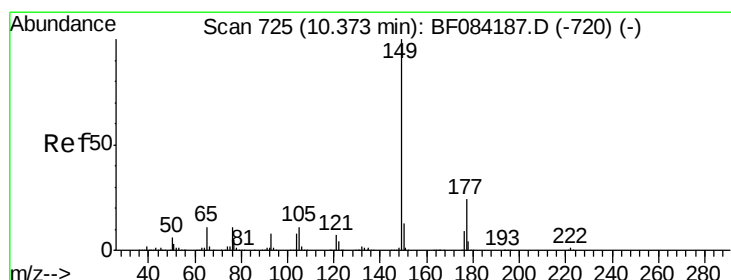
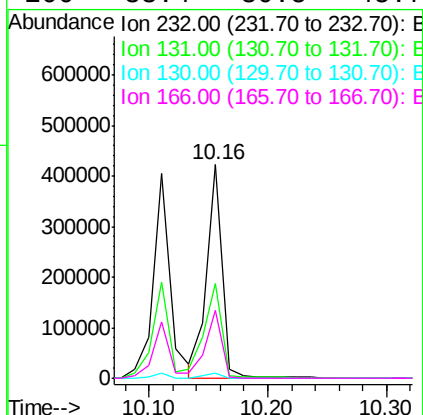
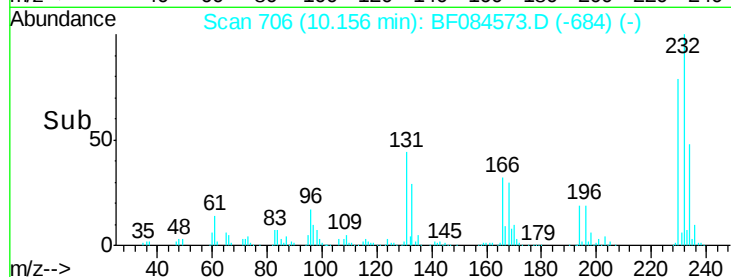
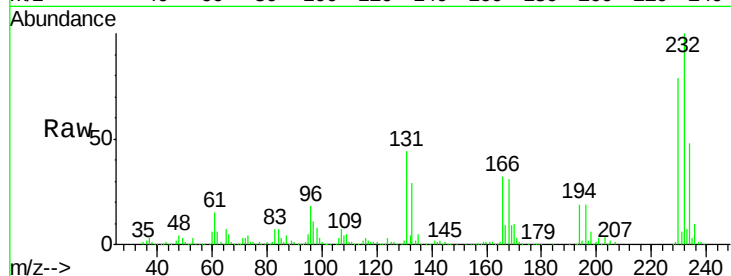




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 163.22 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

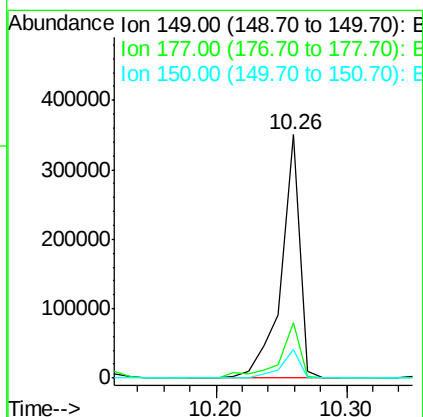
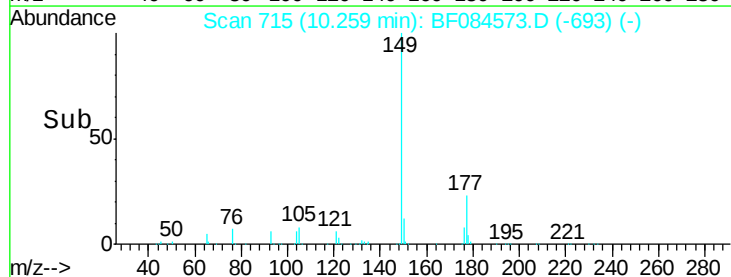
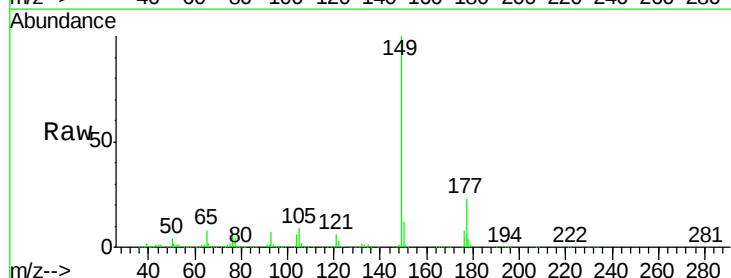
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

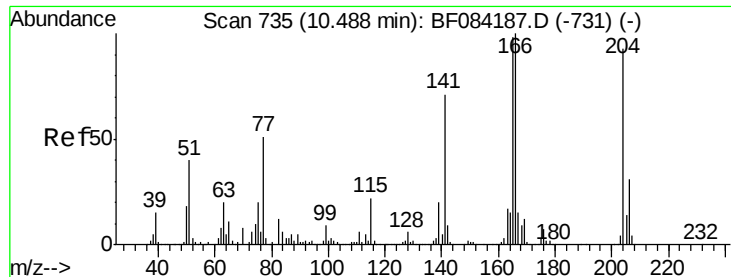
Tgt Ion:	232	Resp:	382904
Ion	Ratio	Lower	Upper
232	100		
131	49.6	47.0	70.6
130	2.7	2.0	3.0
166	33.4	30.5	45.7



#59
 Diethylphthalate
 Concen: 37.39 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion:	149	Resp:	351182
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.3	25.9
150	11.7	9.8	14.8

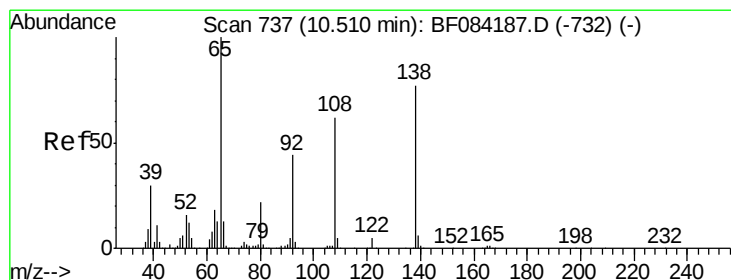
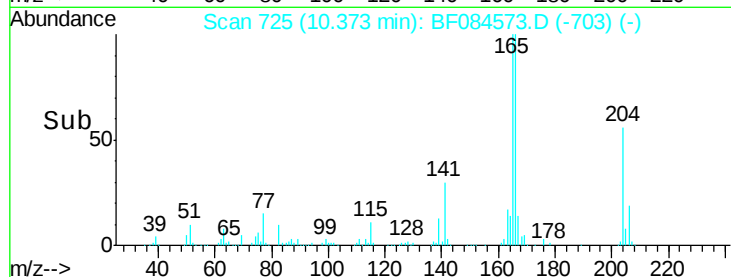
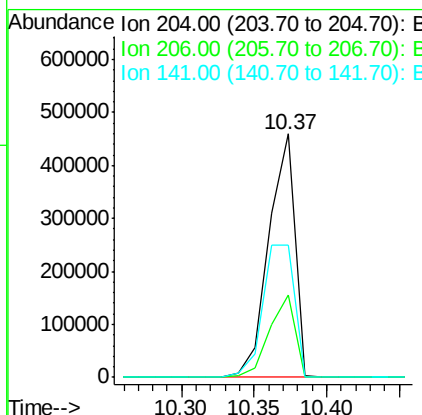
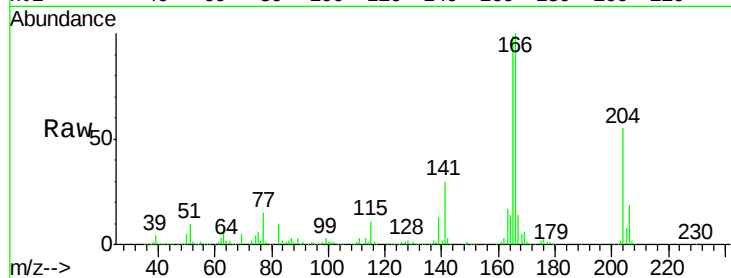




#60
 4-Chlorophenyl-phenylether
 Concen: 190.05 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

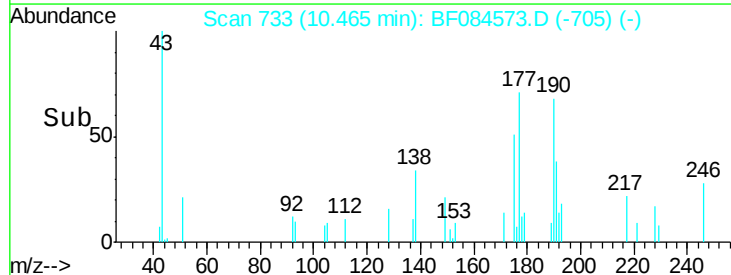
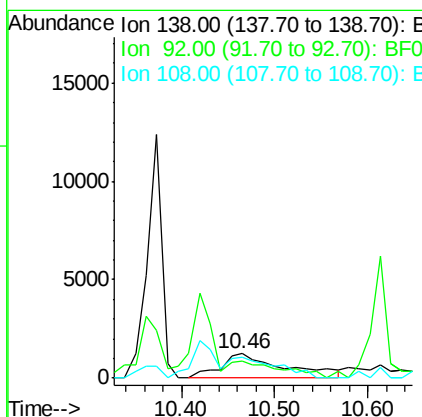
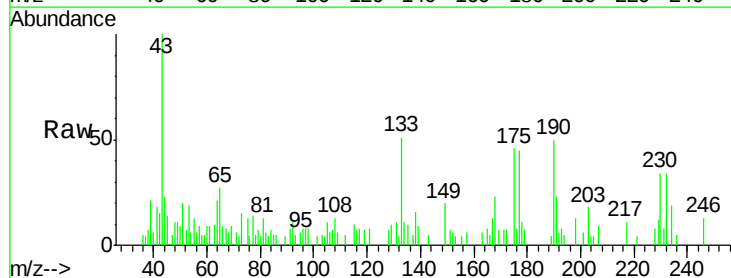
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

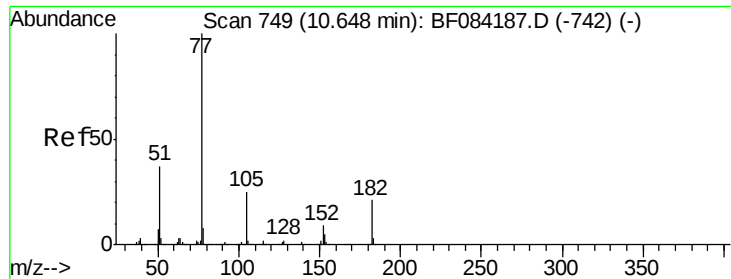
Tgt Ion:204 Resp: 573254
 Ion Ratio Lower Upper
 204 100
 206 34.0 25.7 38.5
 141 54.4 55.1 82.7#



#61
 4-Nitroaniline
 Concen: 2.60 ng
 RT: 10.46 min Scan# 733
 Delta R.T. 0.02 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion:138 Resp: 6006
 Ion Ratio Lower Upper
 138 100
 92 68.2 32.6 72.6
 108 83.9 68.6 108.6





#62

Azobenzene

Concen: 4.27 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

Tgt Ion: 77 Resp: 43987

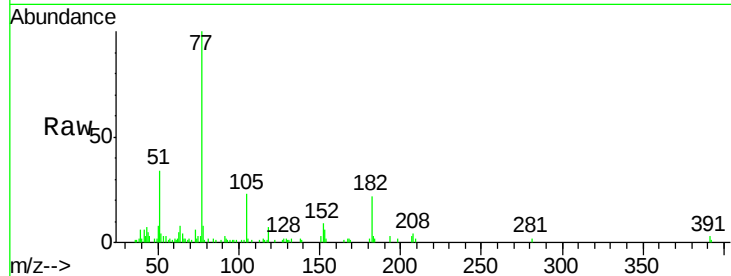
Ion Ratio Lower Upper

77 100

182 21.8 8.3 48.3

105 23.2 4.6 44.6

51 33.6 6.2 46.2

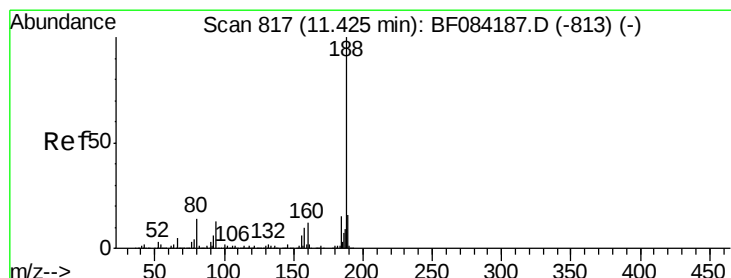
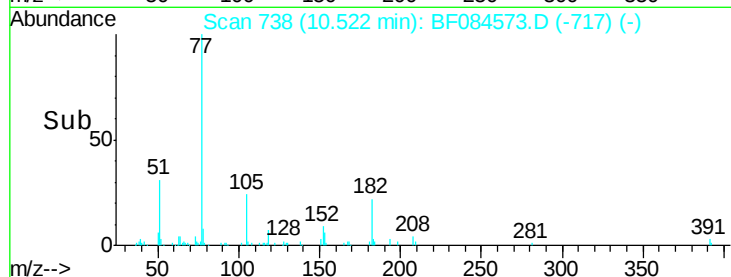
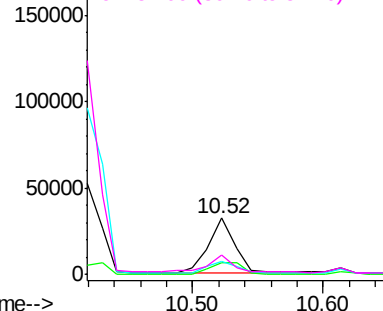


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

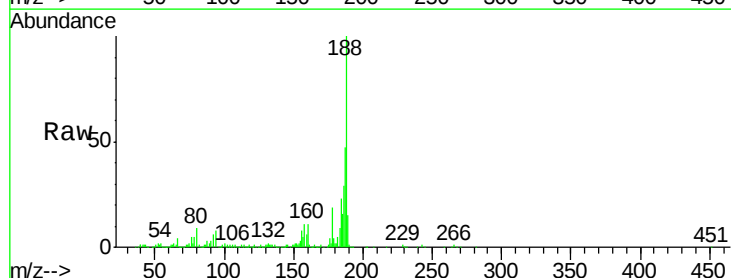
Tgt Ion: 188 Resp: 323789

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

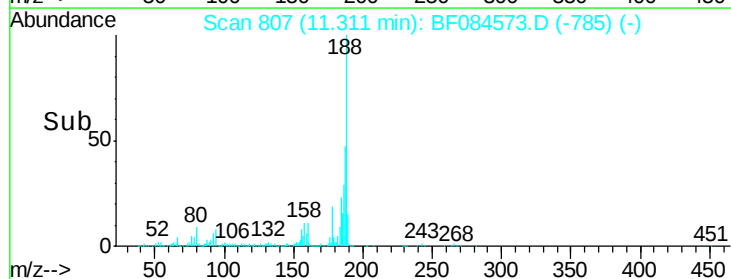
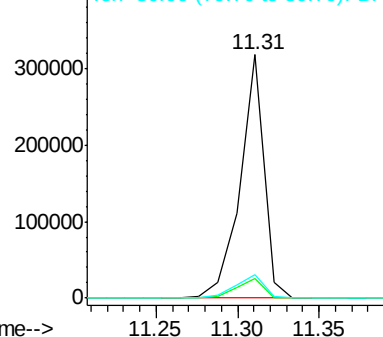
80 9.5 9.6 14.4#

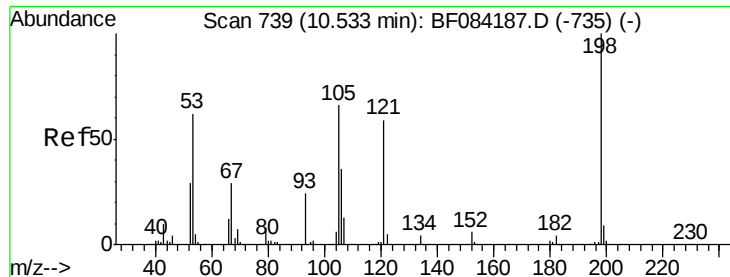


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

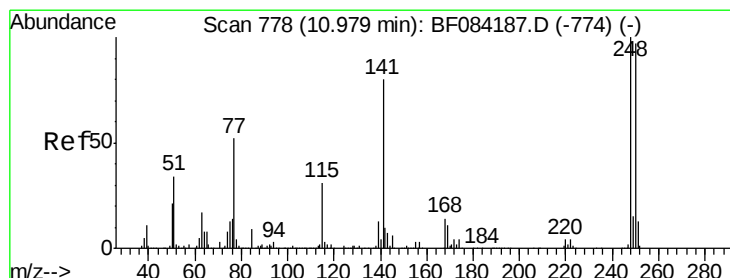
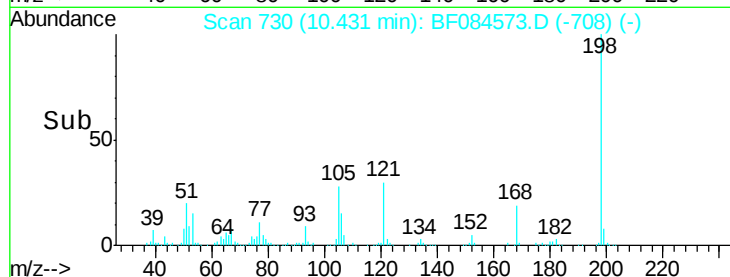
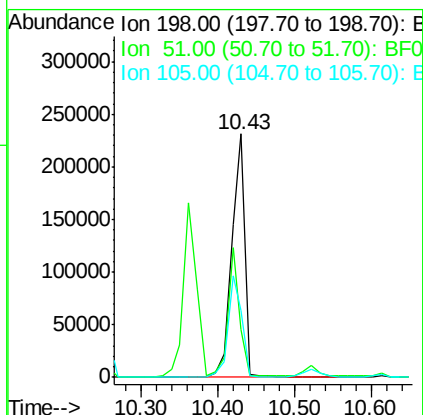
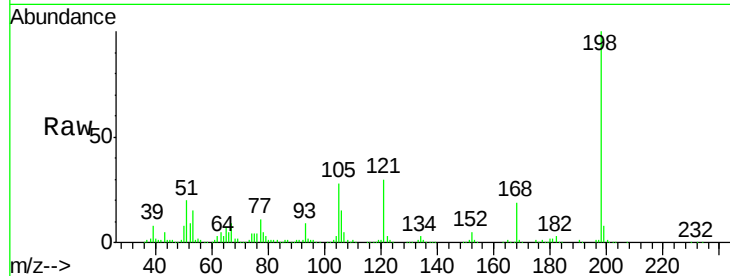




#64
 4,6-Dinitro-2-methylphenol
 Concen: Below Cal
 RT: 10.43 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

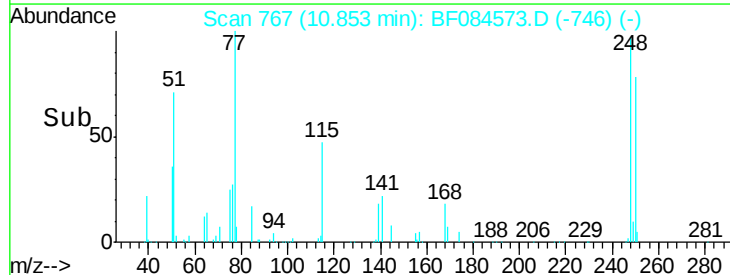
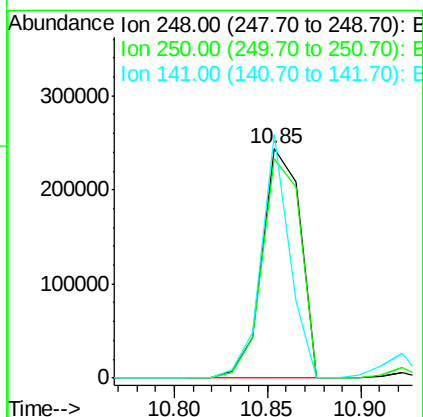
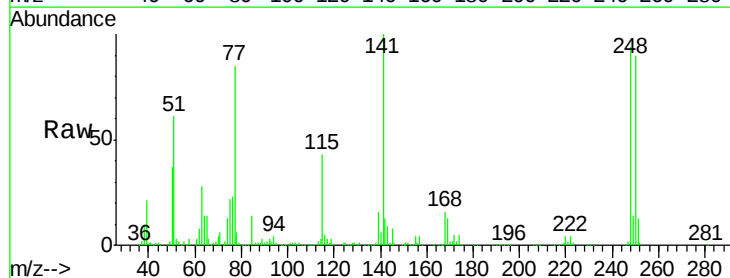
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

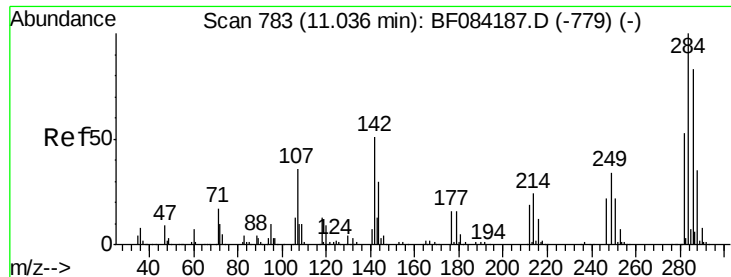
Tgt Ion	Ratio	Lower	Upper
198	100		
51	19.9	18.9	58.9
105	27.7	26.4	66.4



#66
 4-Bromophenyl-phenylether
 Concen: 98.94 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.4	117.6
141	106.2	44.0	66.0#

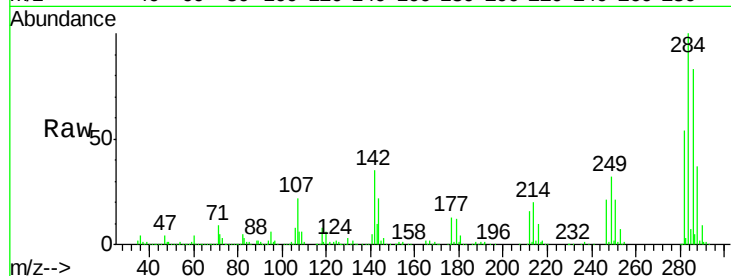




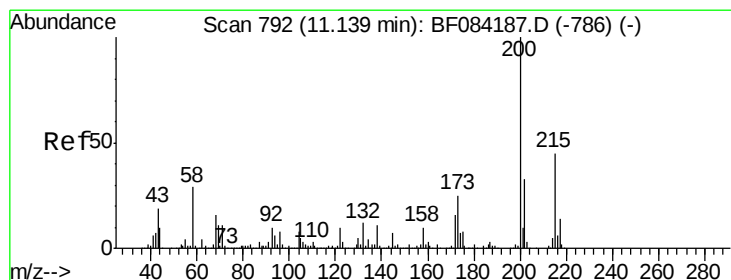
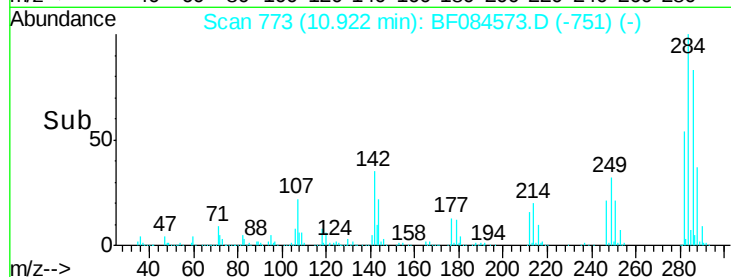
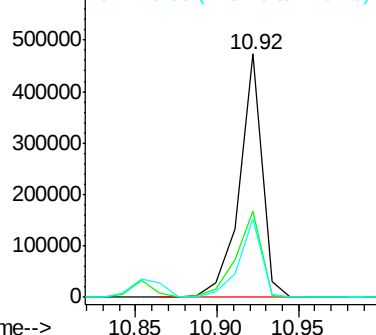
#67
Hexachlorobenzene
Concen: 116.63 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion:284 Resp: 457484
Ion Ratio Lower Upper
284 100
142 35.2 22.2 33.4#
249 32.3 24.6 37.0

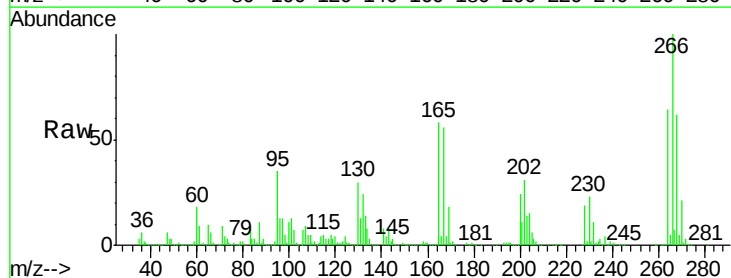


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

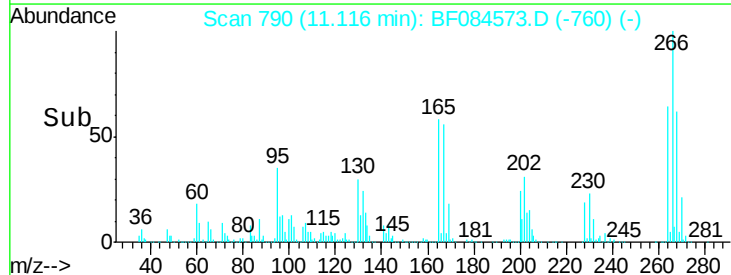
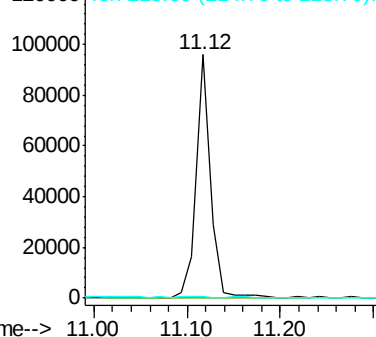


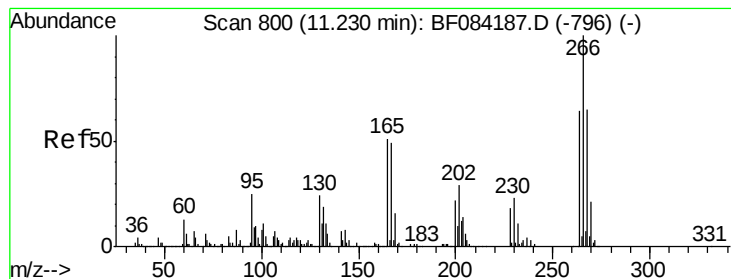
#68
Atrazine
Concen: 30.59 ng
RT: 11.12 min Scan# 790
Delta R.T. 0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion:200 Resp: 103648
Ion Ratio Lower Upper
200 100
173 0.0 9.5 49.5#
215 0.5 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: 252.89 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

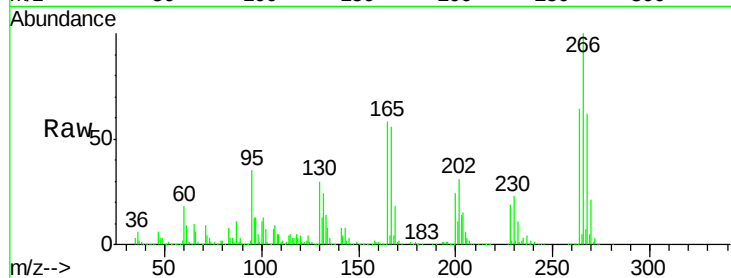
Tgt Ion:266 Resp: 514335

Ion Ratio Lower Upper

266 100

268 62.4 52.4 78.6

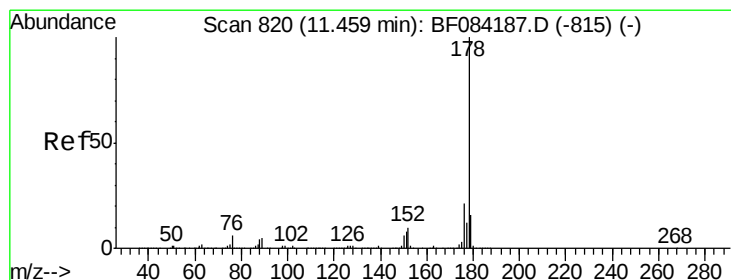
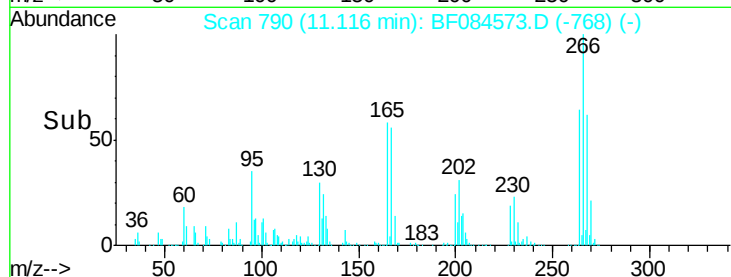
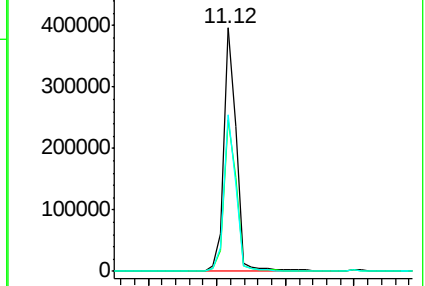
264 64.3 50.2 75.2



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: 81.42 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

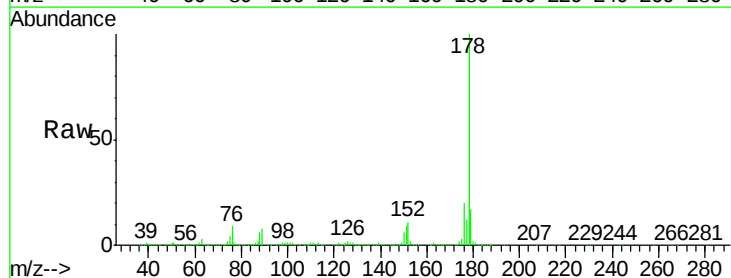
Tgt Ion:178 Resp: 1378987

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

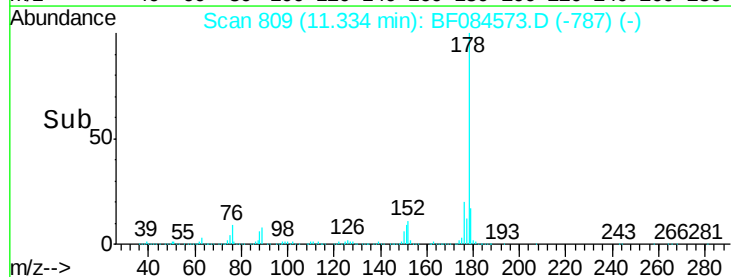
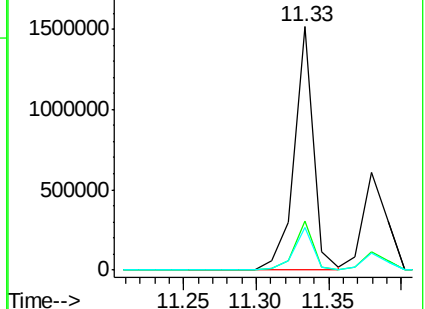
179 17.3 12.0 18.0

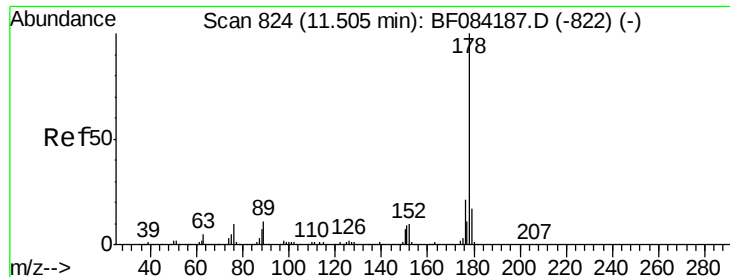


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.61 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

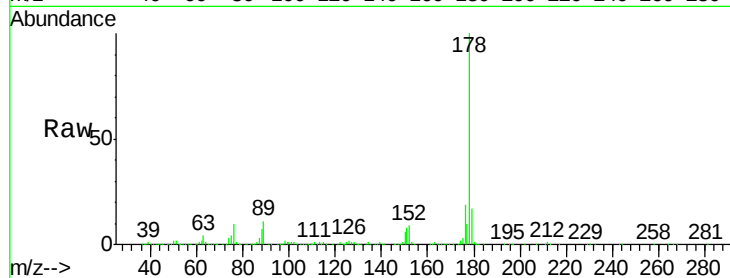
Tgt Ion:178 Resp: 690751

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

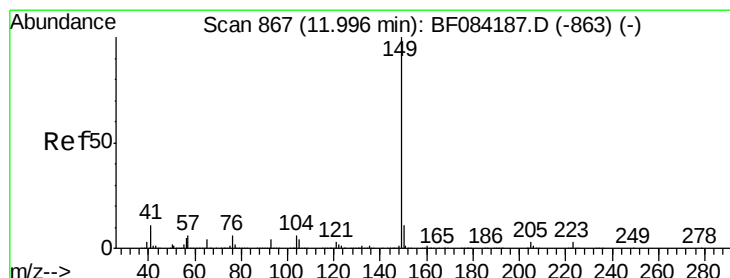
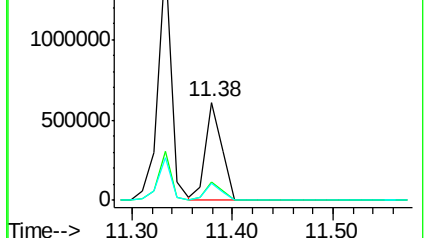
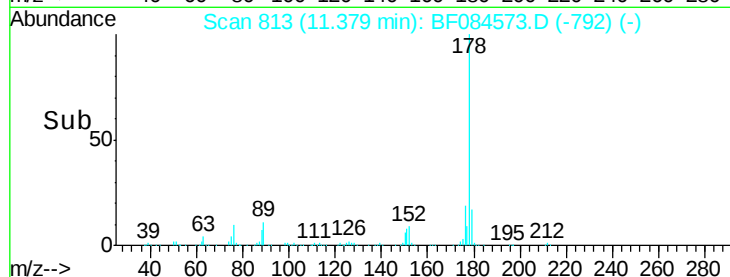
179 17.2 12.5 18.7



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



#73

Di-n-butylphthalate

Concen: 14.86 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

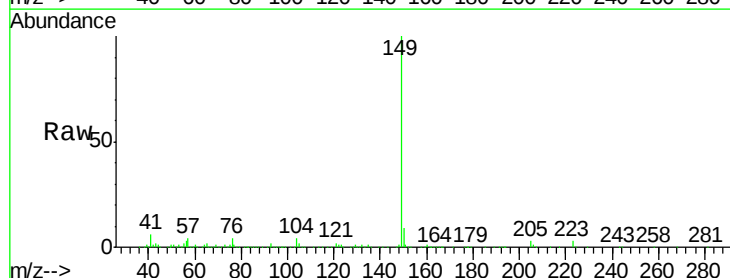
Tgt Ion:149 Resp: 329037

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

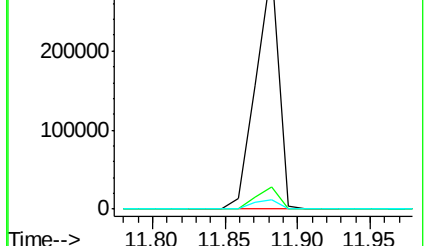
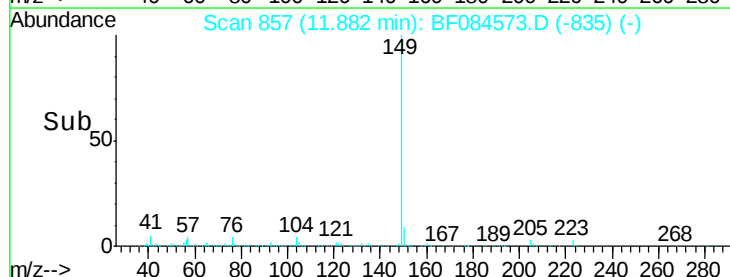
104 4.0 3.2 4.8

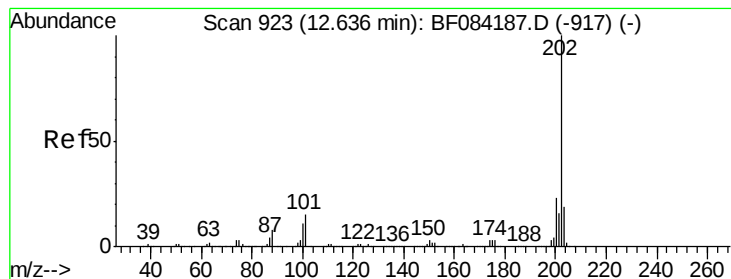


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 25.04 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

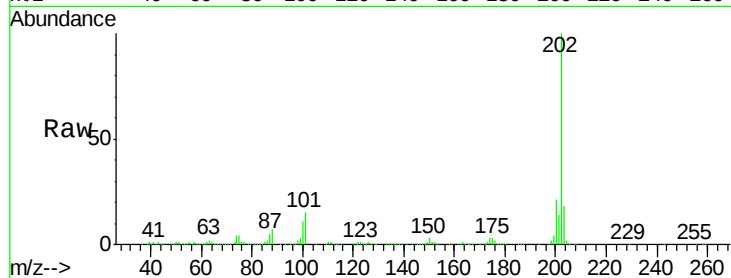
Tgt Ion:202 Resp: 442995

Ion Ratio Lower Upper

202 100

101 14.5 0.0 32.8

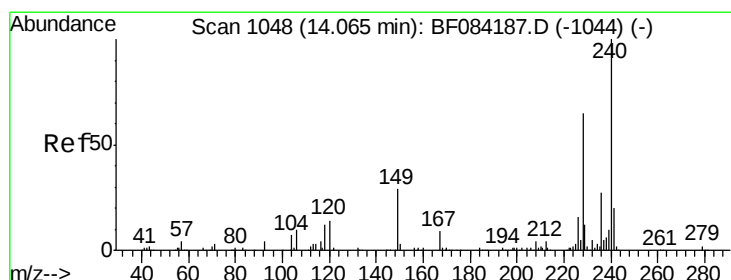
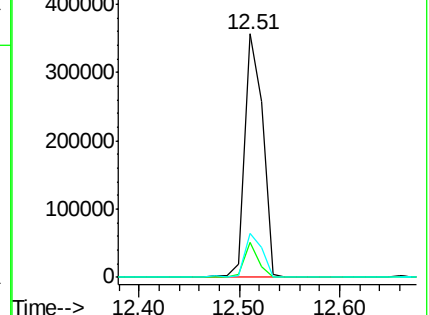
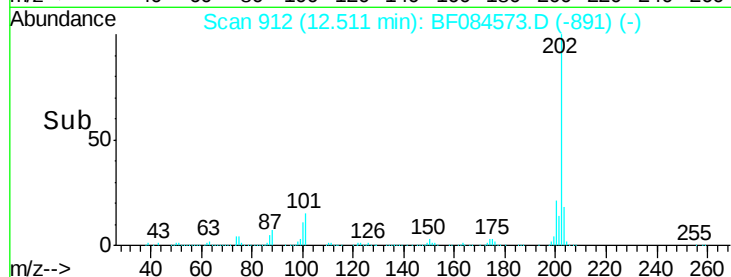
203 17.9 0.0 37.9



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: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

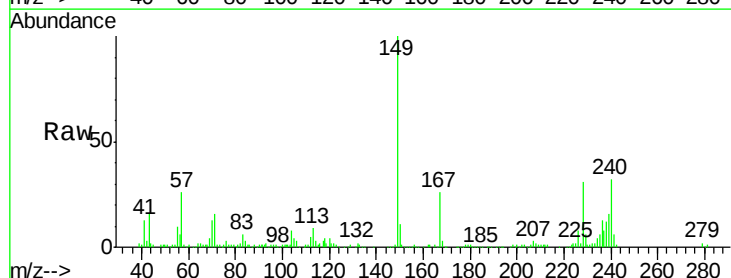
Tgt Ion:240 Resp: 35488

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

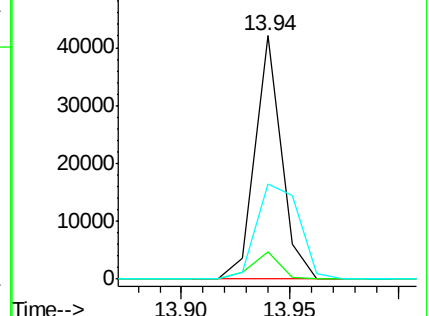
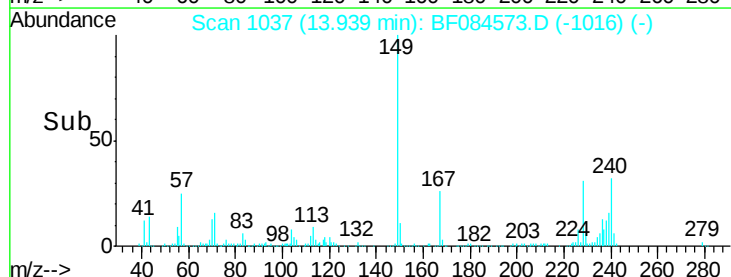
236 39.2 20.6 31.0#

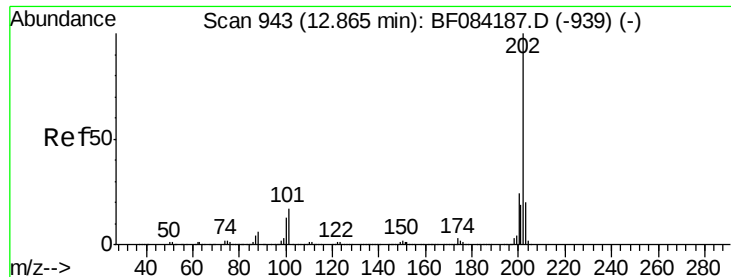


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

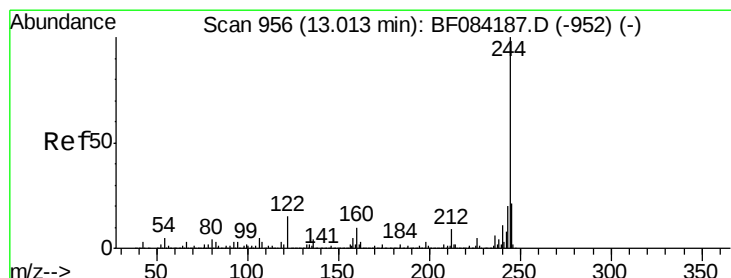
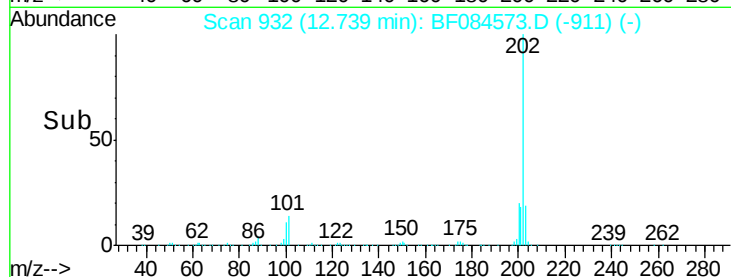
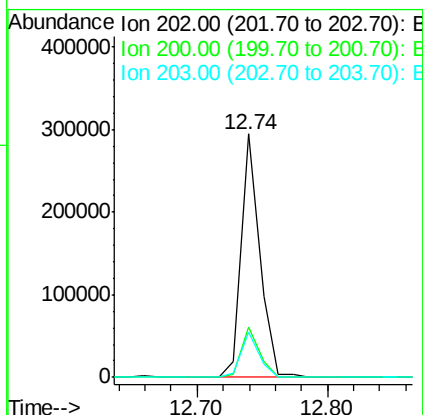
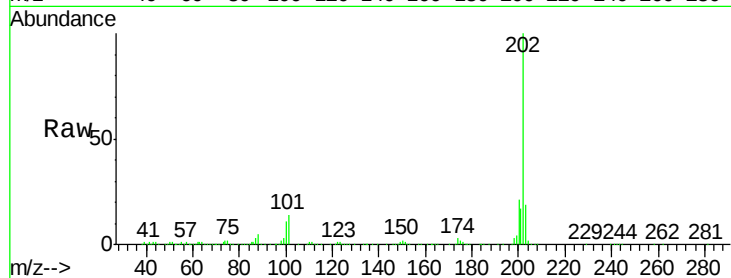




#77
 Pyrene
 Concen: 102.96 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

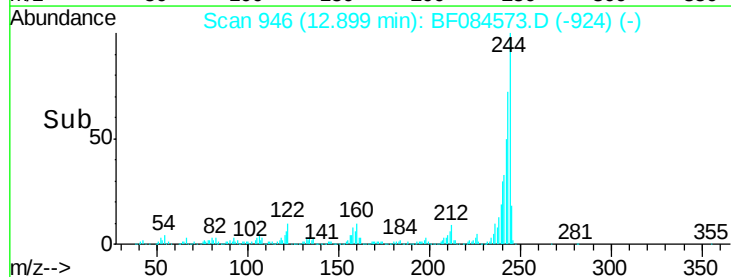
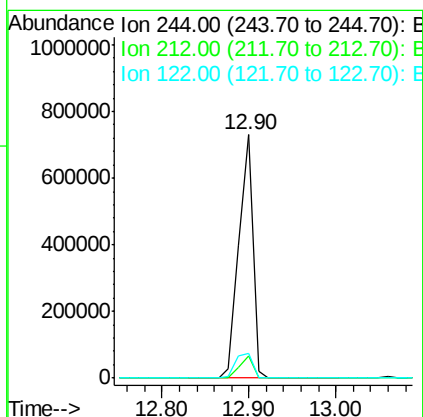
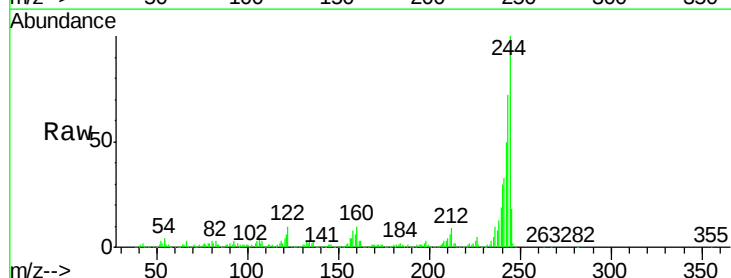
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

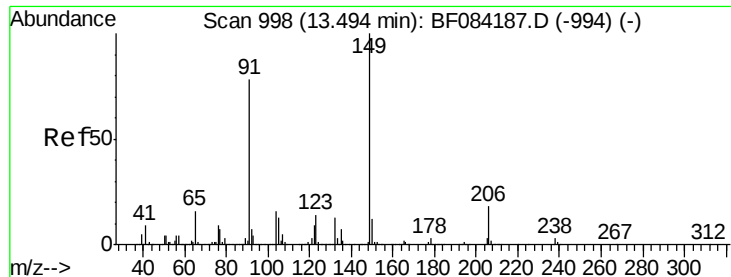
Tgt Ion:202 Resp: 286721
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.2 25.8
 203 18.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 510.13 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion:244 Resp: 811030
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.7 8.5#
 122 10.0 7.4 11.0





#79

Butylbenzylphthalate

Concen: 6.54 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

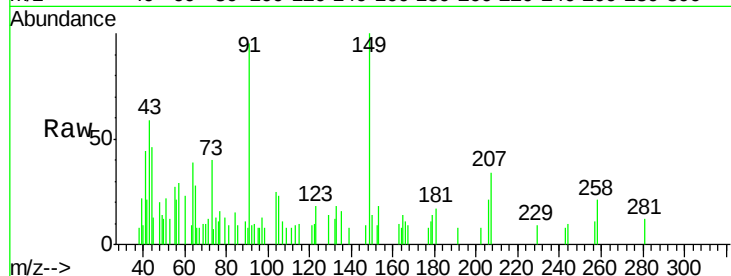
Tgt Ion:149 Resp: 7880

Ion Ratio Lower Upper

149 100

91 95.4 57.6 86.4#

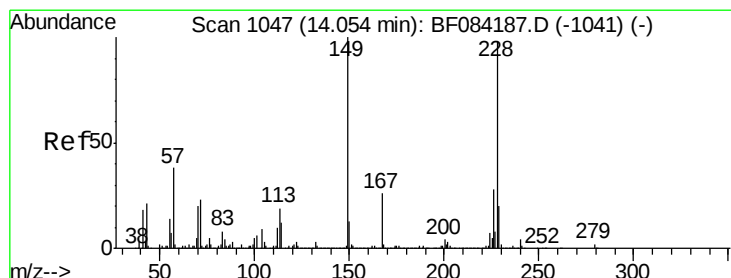
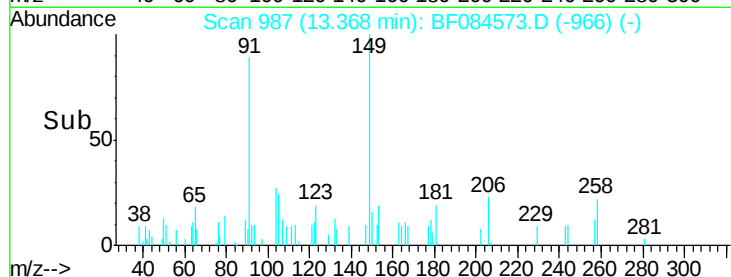
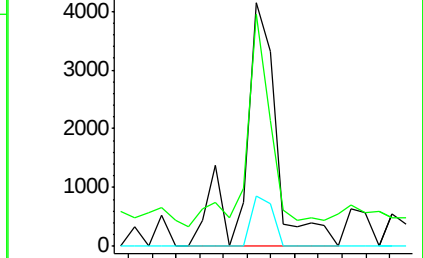
206 20.9 13.2 19.8#



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: 76.41 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

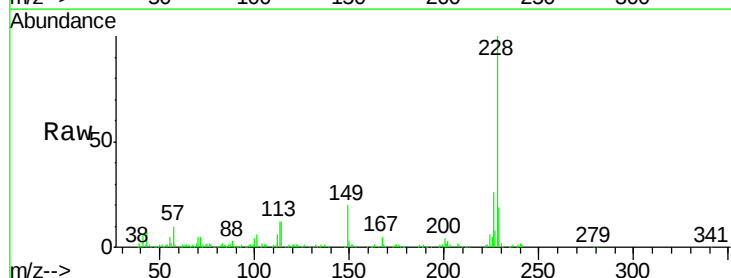
Tgt Ion:228 Resp: 159216

Ion Ratio Lower Upper

228 100

226 25.6 21.8 32.6

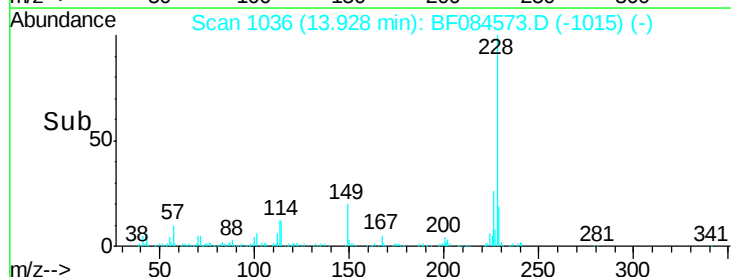
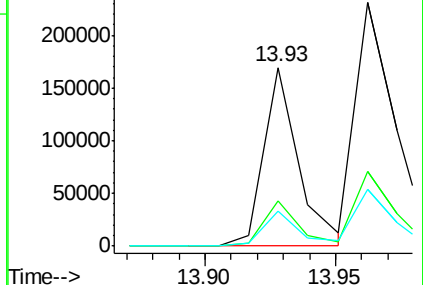
229 19.4 15.8 23.8

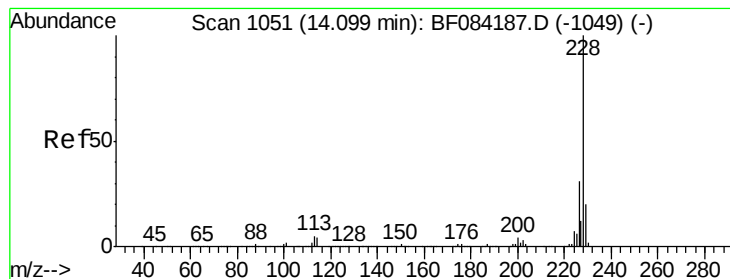


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 122.43 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

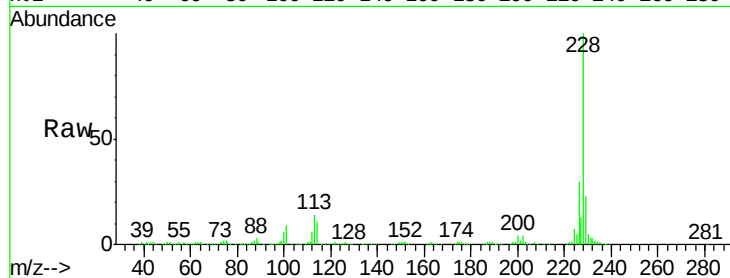
Tgt Ion:228 Resp: 245145

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

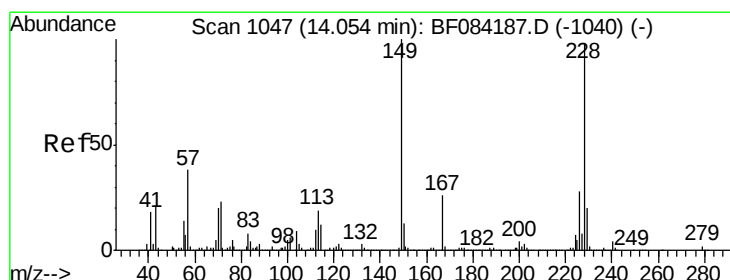
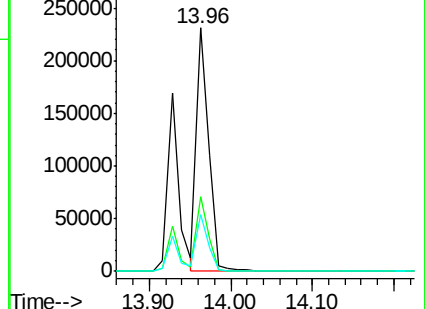
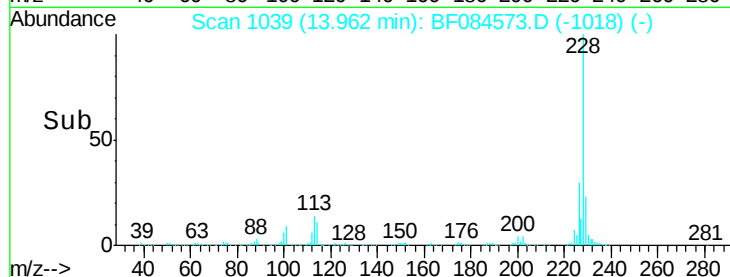
229 23.3 16.1 24.1



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 80.12 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

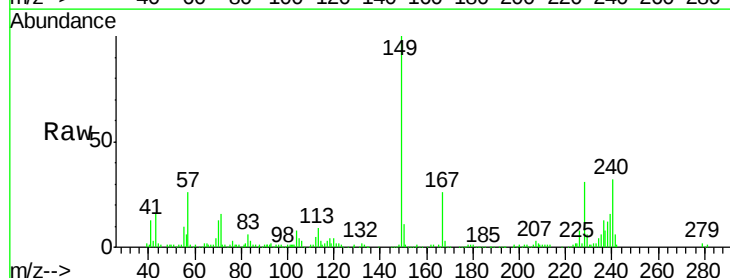
Tgt Ion:149 Resp: 121979

Ion Ratio Lower Upper

149 100

167 25.8 19.7 29.5

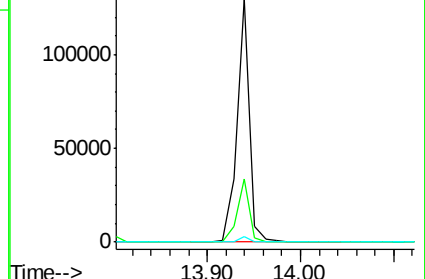
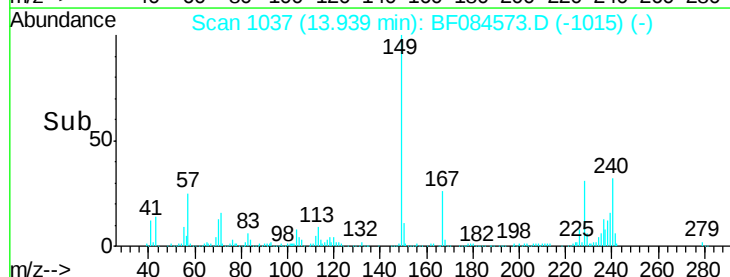
279 2.4 1.8 2.6

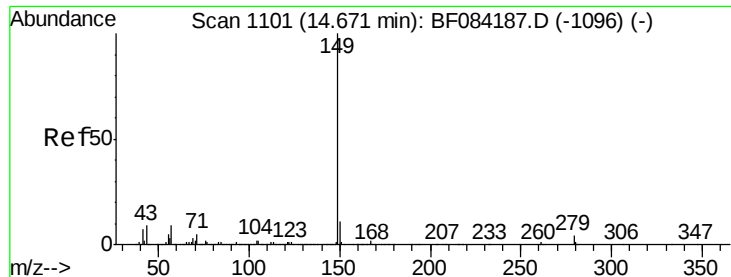


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

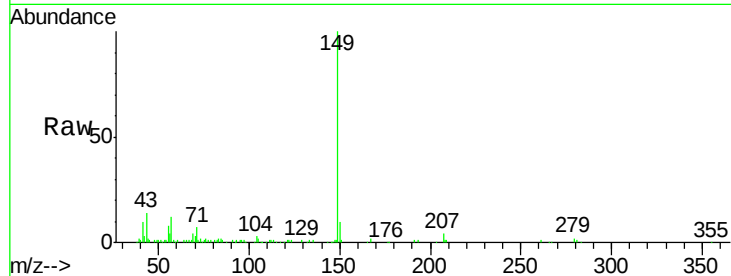




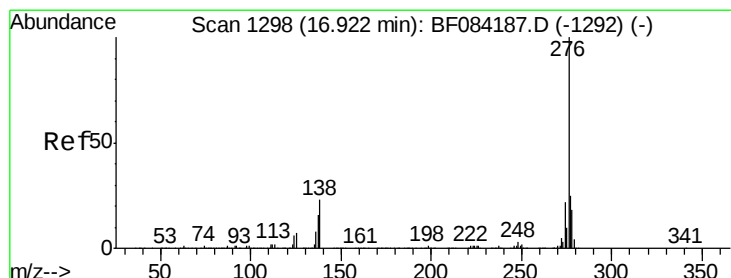
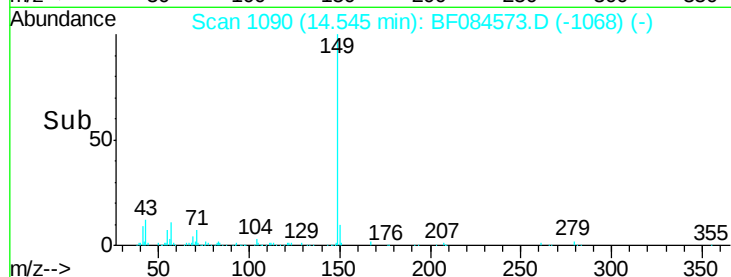
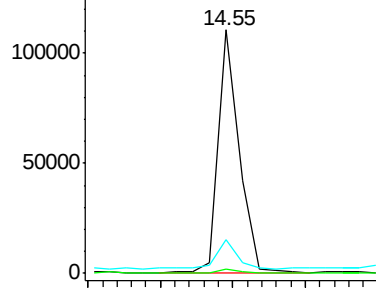
#84
Di-n-octyl phthalate
Concen: 42.65 ng
RT: 14.55 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.2	1.8#
43	12.2	5.6	8.4#

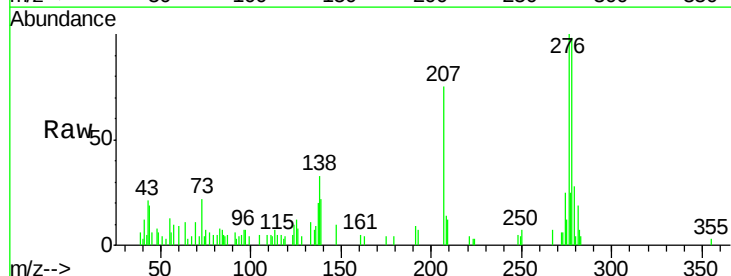


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

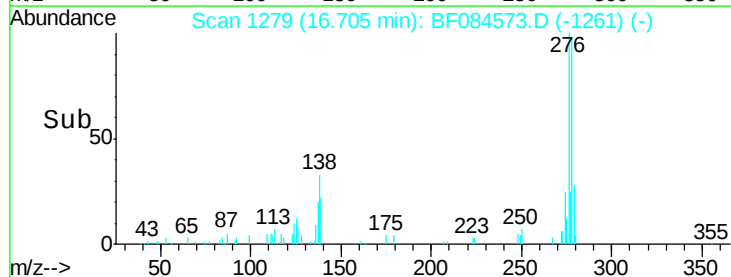
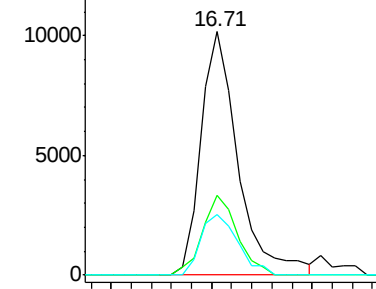


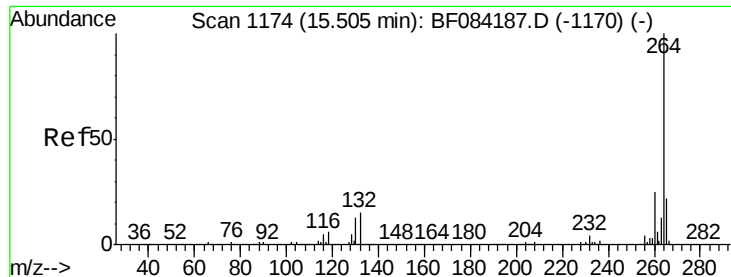
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.39 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	20.6	30.8
277	25.0	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

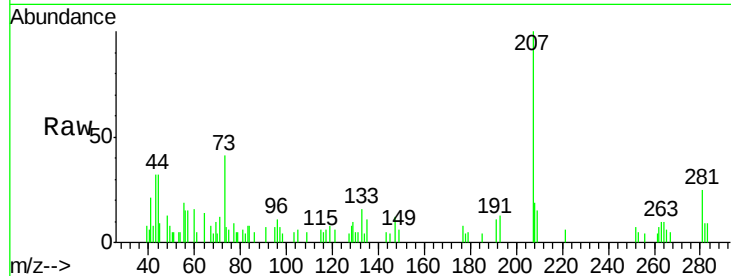




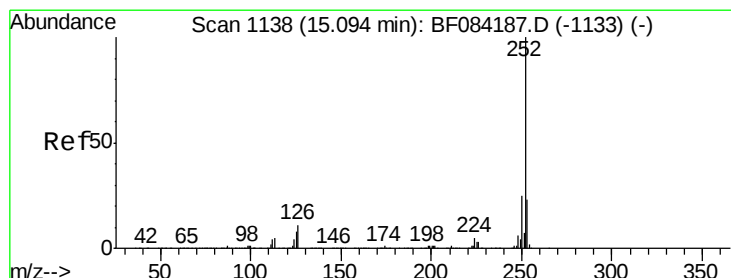
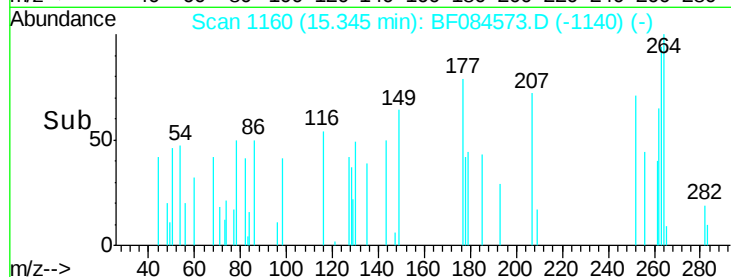
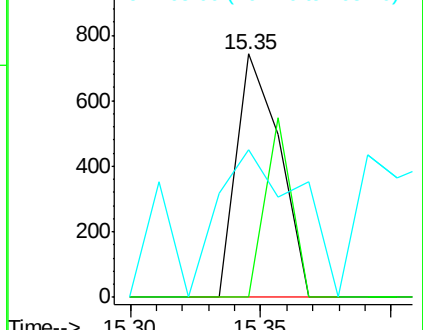
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tgt Ion: 264 Resp: 851
Ion Ratio Lower Upper
264 100
260 0.0 19.4 29.2#
265 60.6 17.8 26.6#

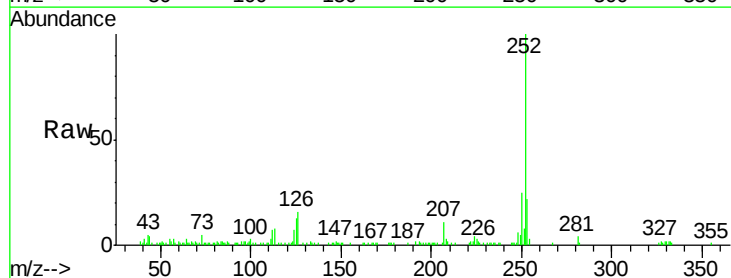


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

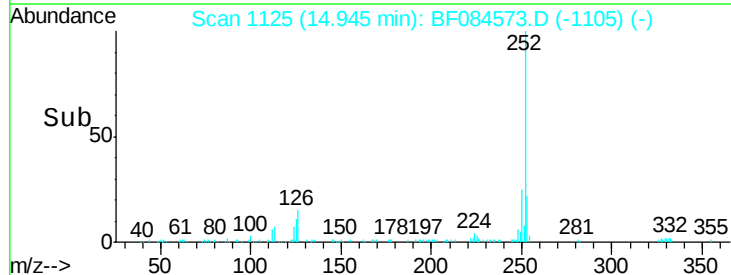
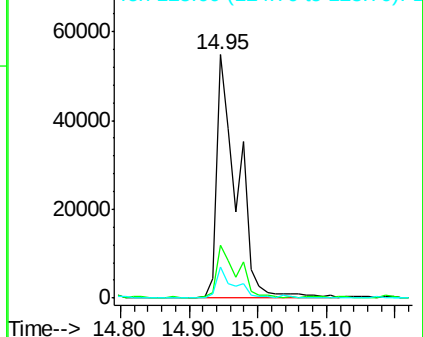


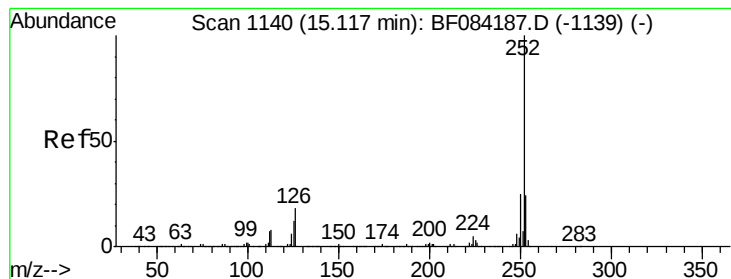
#87
Benzo(b)fluoranthene
Concen: 2080.58 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion: 252 Resp: 115821
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 12.6 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2543.97 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.09 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

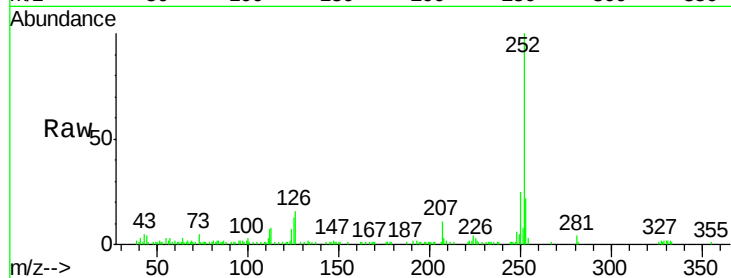
Tgt Ion:252 Resp: 115821

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

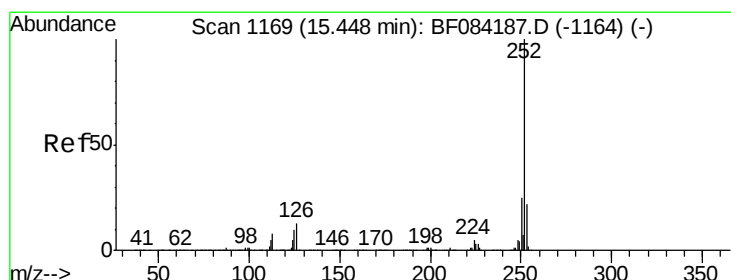
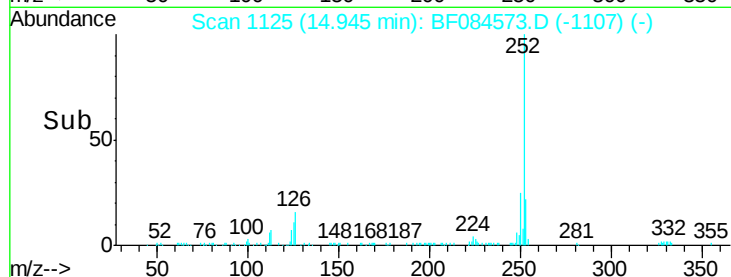
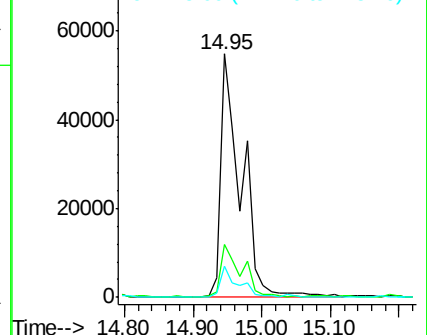
125 12.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 588.36 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

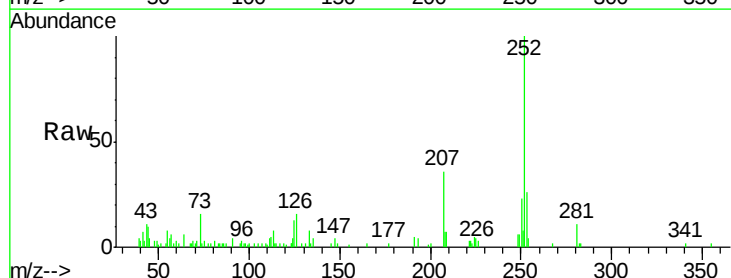
Tgt Ion:252 Resp: 27781

Ion Ratio Lower Upper

252 100

253 26.0 17.3 25.9#

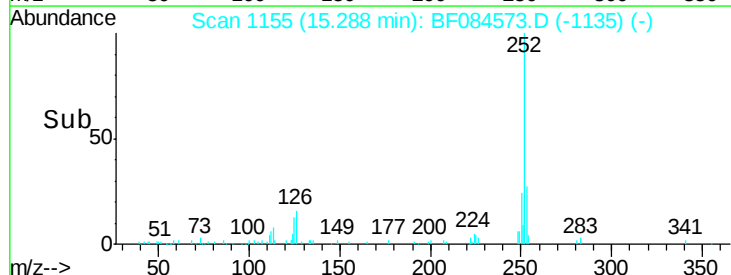
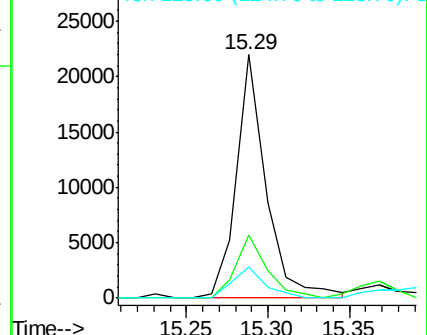
125 12.9 7.0 10.4#

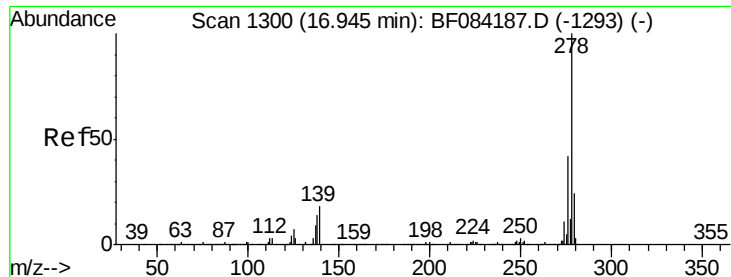


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 851.61 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.09 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

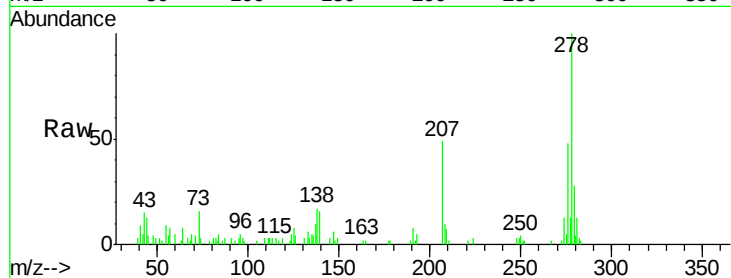
Tgt Ion:278 Resp: 34601

Ion Ratio Lower Upper

278 100

139 16.1 15.0 22.4

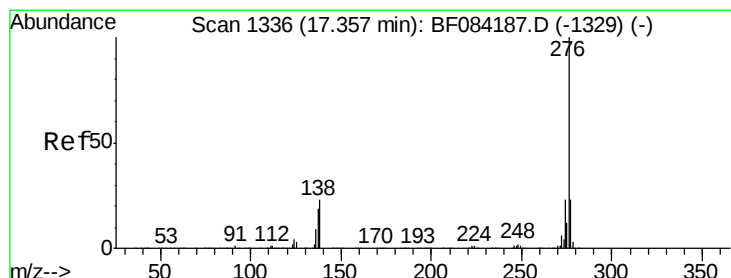
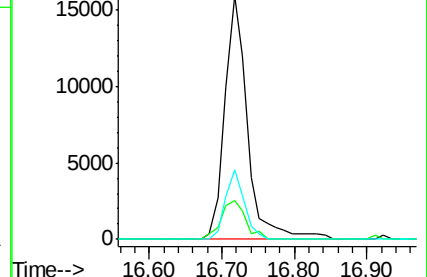
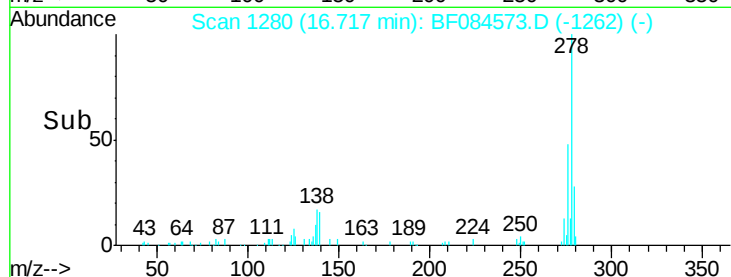
279 28.5 18.9 28.3#



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: 1468.90 ng

RT: 17.11 min Scan# 1314

Delta R.T. -0.11 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

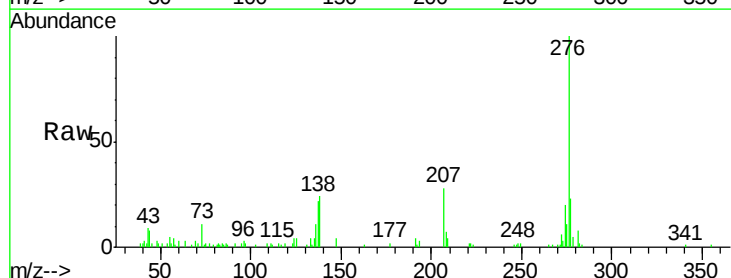
Tgt Ion:276 Resp: 61805

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 24.3 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

