

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012016\
 Data File : BF084574.D
 Acq On : 20 Jan 2016 19:41
 Operator : SJ/UM
 Sample : H1159-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Quant Time: Jan 20 22:11:23 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	209264	20.00	ng	-0.05
21) Naphthalene-d8	8.06	136	854776	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	417988	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	789265	20.00	ng	-0.05
75) Chrysene-d12	13.95	240	583266	20.00	ng	-0.05
86) Perylene-d12	15.36	264	504057	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1574940	121.73	ng	-0.03
7) Phenol-d6	6.43	99	2054452	126.44	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1454698	94.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.62	330	610117	144.58	ng	-0.05
44) 2-Fluorobiphenyl	9.15	172	2183420	92.45	ng	-0.05
78) Terphenyl-d14	12.90	244	2454054	93.92	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	242198	39.52	ng	# 67
3) Pyridine	3.17	79	451517	26.42	ng	# 74
4) n-Nitrosodimethylamine	3.10	42	358510	40.87	ng	83
6) Aniline	6.46	93	171084	7.20	ng	97
8) 2-Chlorophenol	6.57	128	648572	44.18	ng	82
9) Benzaldehyde	6.33	77	62020	5.86	ng	89
10) Phenol	6.45	94	694594	37.60	ng	83
11) bis(2-Chloroethyl)ether	6.52	93	665082	46.47	ng	# 82
12) 1,3-Dichlorobenzene	6.96	146	656227	43.34	ng	99
13) 1,4-Dichlorobenzene	6.80	146	664913	43.79	ng	97
14) 1,2-Dichlorobenzene	6.96	146	656250	45.13	ng	97
15) Benzyl Alcohol	6.93	79	545111	39.88	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1049026	40.25	ng	92
17) 2-Methylphenol	7.06	107	537797	43.72	ng	# 91
18) Hexachloroethane	7.30	117	270720	44.59	ng	# 81
19) n-Nitroso-di-n-propylamine	7.21	70	466285	42.39	ng	# 76
20) 3+4-Methylphenols	7.21	107	672640	46.52	ng	# 76
22) Acetophenone	7.20	105	950388	46.24	ng	99
24) Nitrobenzene	7.37	77	637699	40.94	ng	94
25) Isophorone	7.62	82	1323315	45.05	ng	# 93
26) 2-Nitrophenol	7.69	139	380632	53.69	ng	# 88
27) 2,4-Dimethylphenol	7.73	122	614750	42.84	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	816784	45.52	ng	99
29) 2,4-Dichlorophenol	7.94	162	581497	48.65	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	582170	47.18	ng	94
31) Naphthalene	8.09	128	1960004	50.54	ng	99
32) Benzoic acid	7.87	122	416339	45.48	ng	95
33) 4-Chloroaniline	8.17	127	49017	2.76	ng	98
34) Hexachlorobutadiene	8.21	225	342171	48.24	ng	99
35) Caprolactam	8.53	113	109879	27.27	ng	# 55
36) 4-Chloro-3-methylphenol	8.65	107	654489	48.88	ng	99
37) 2-Methylnaphthalene	8.78	142	1411941	50.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	533550	44.40	ng	98
40) Hexachlorocyclopentadiene	8.93	237	569426	78.50	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	406470	45.21	ng	95
43) 2,4,5-Trichlorophenol	9.12	196	373255	43.31	ng #	81
45) 1,1'-Biphenyl	9.25	154	1674411	50.40	ng	99
46) 2-Chloronaphthalene	9.28	162	1256856	48.17	ng	91
47) 2-Nitroaniline	9.38	65	441814	51.30	ng	89
48) Acenaphthylene	9.69	152	1724341	44.73	ng	97
49) Dimethylphthalate	9.56	163	1379026	46.15	ng #	90
50) 2,6-Dinitrotoluene	9.62	165	295521	45.09	ng #	48
51) Acenaphthene	9.86	154	1155228	44.67	ng	97
52) 3-Nitroaniline	9.79	138	81387	10.02	ng #	81
53) 2,4-Dinitrophenol	9.90	184	428538	150.23	ng #	86
54) Dibenzofuran	10.04	168	1672697	50.29	ng	97
55) 4-Nitrophenol	9.97	139	449651	76.28	ng #	80
56) 2,4-Dinitrotoluene	10.03	165	459632	55.41	ng #	94
57) Fluorene	10.38	166	1316078	51.14	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	335044	45.53	ng	92
59) Diethylphthalate	10.27	149	1569582	53.27	ng	96
60) 4-Chlorophenyl-phenylether	10.37	204	626050	59.91	ng	97
61) 4-Nitroaniline	10.41	138	296351	40.94	ng	94
62) Azobenzene	10.53	77	1621445	50.18	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	274942	59.28	ng	73
65) n-Nitrosodiphenylamine	10.50	169	1275738	50.55	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	432715	50.94	ng	96
67) Hexachlorobenzene	10.92	284	412350	43.13	ng #	83
68) Atrazine	11.02	200	368266	44.59	ng	98
69) Pentachlorophenol	11.13	266	501189	101.09	ng	99
70) Phenanthrene	11.35	178	2131339	51.63	ng	98
71) Anthracene	11.39	178	1940314	47.94	ng	97
72) Carbazole	11.55	167	1845497	46.65	ng	98
73) Di-n-butylphthalate	11.88	149	2094305	51.69	ng #	96
74) Fluoranthene	12.52	202	1930922	44.77	ng	98
77) Pyrene	12.75	202	1972013	43.08	ng	97
79) Butylbenzylphthalate	13.38	149	948730	47.90	ng	90
80) Benzo(a)anthracene	13.94	228	1705288	49.79	ng	98
81) 3,3'-Dichlorobenzidine	13.91	252	324685	27.16	ng #	94
82) Chrysene	13.99	228	1728038	52.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1252378	50.05	ng #	94
84) Di-n-octyl phthalate	14.56	149	2070780	49.02	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1353173	51.87	ng	100
87) Benzo(b)fluoranthene	14.99	252	2952711	89.55	ng #	95
88) Benzo(k)fluoranthene	14.99	252	2953584	109.53	ng	99
89) Benzo(a)pyrene	15.31	252	1398127	49.99	ng	98
90) Dibenzo(a,h)anthracene	16.75	278	1104892	45.91	ng #	95
91) Benzo(g,h,i)perylene	17.14	276	1122875	45.06	ng	99

(#) = 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

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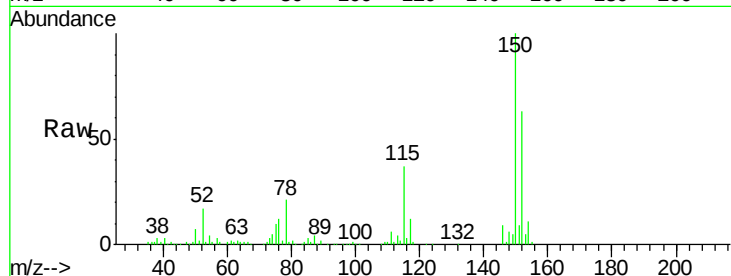
Tgt Ion:152 Resp: 209264

Ion Ratio Lower Upper

152 100

150 158.4 123.0 184.4

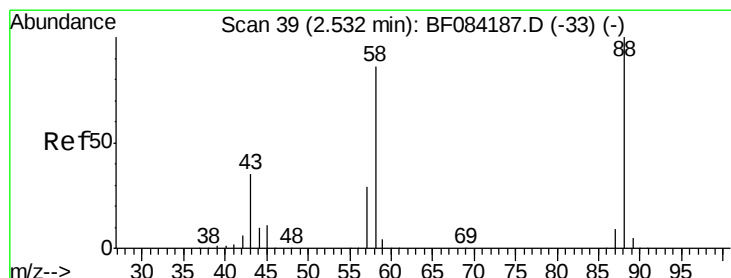
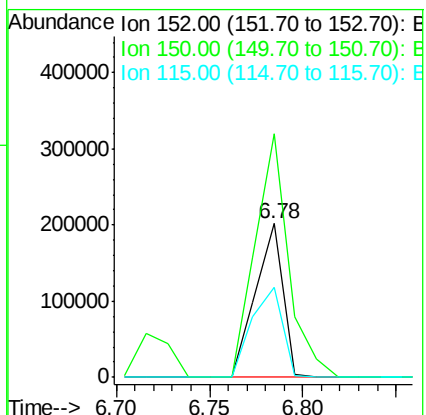
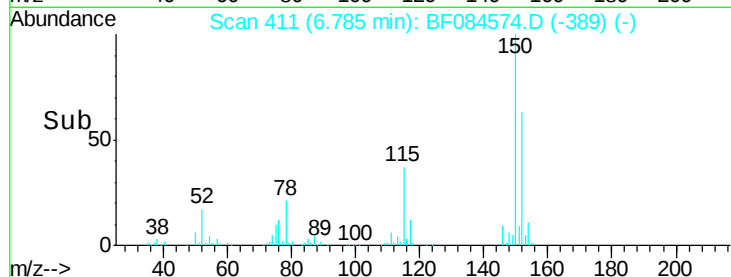
115 59.0 51.4 77.2



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: 39.52 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.10 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

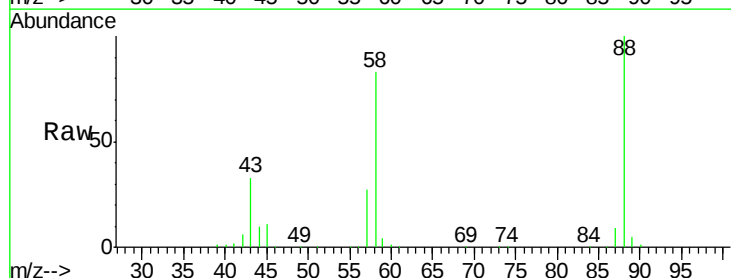
Tgt Ion: 88 Resp: 242198

Ion Ratio Lower Upper

88 100

58 84.7 51.2 76.8#

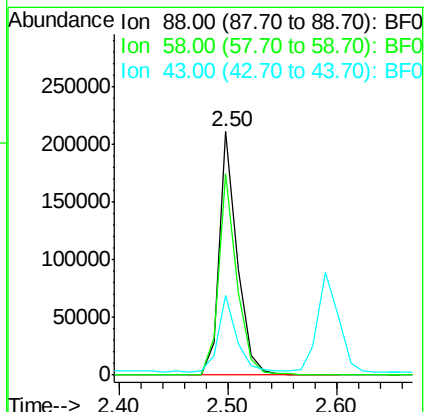
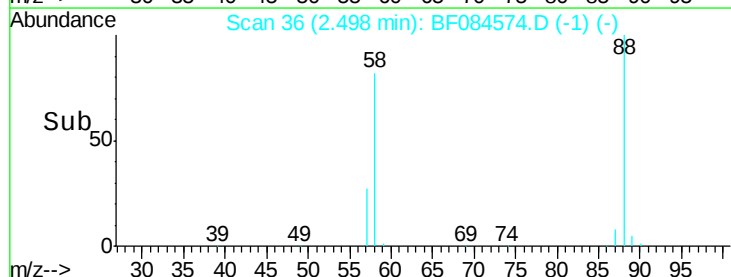
43 0.0 19.5 29.3#

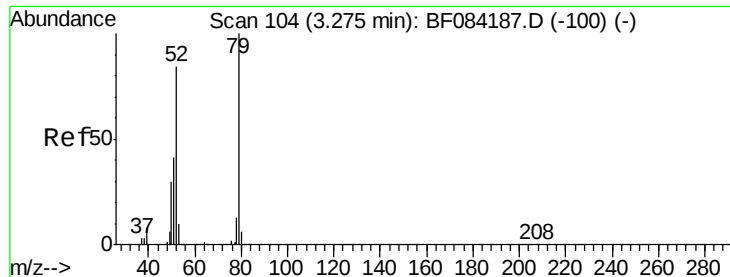


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.42 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.05 min

Lab File: BF084574.D

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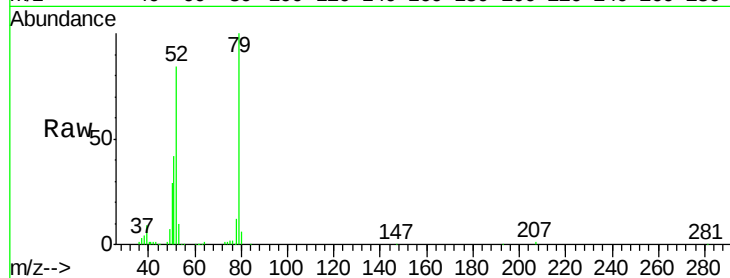
Tgt Ion: 79 Resp: 451517

Ion Ratio Lower Upper

79 100

52 84.4 49.0 73.4#

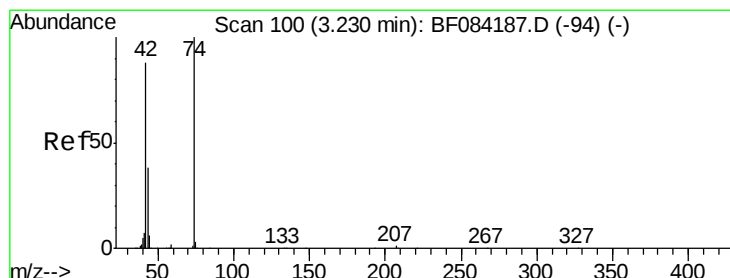
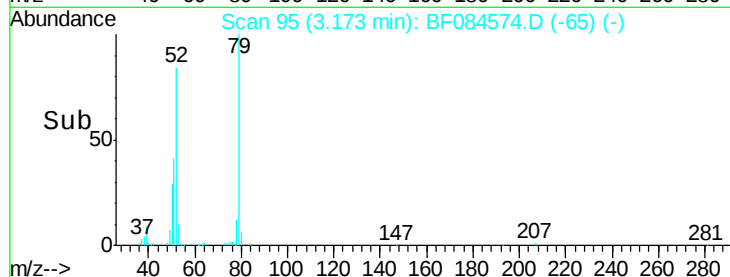
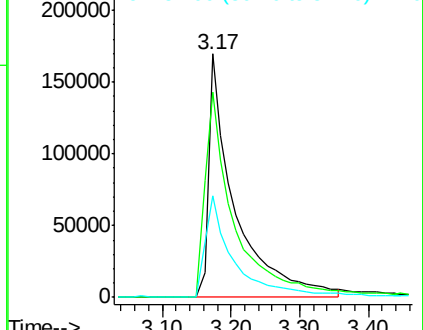
51 41.6 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.87 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

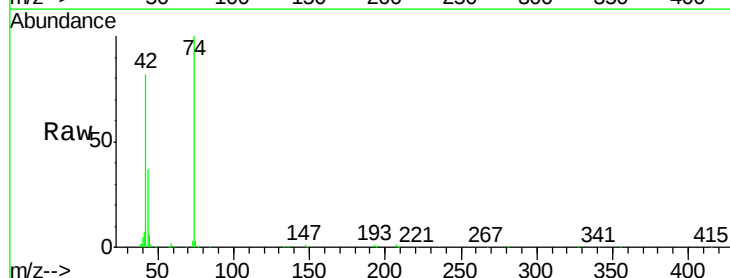
Tgt Ion: 42 Resp: 358510

Ion Ratio Lower Upper

42 100

74 122.6 115.7 173.5

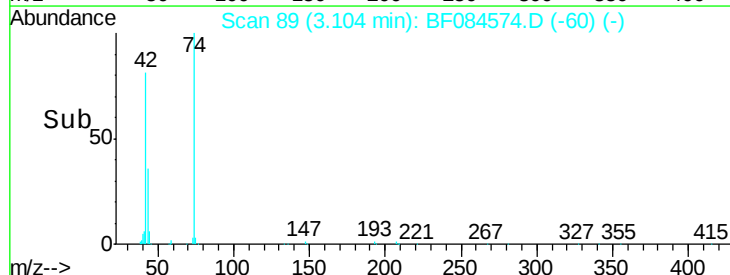
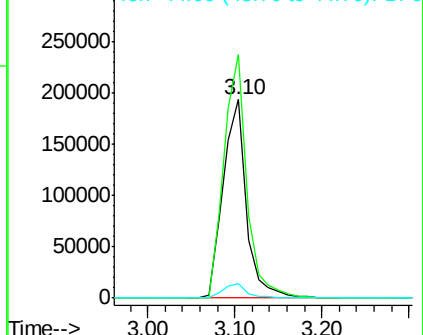
44 7.1 5.1 7.7

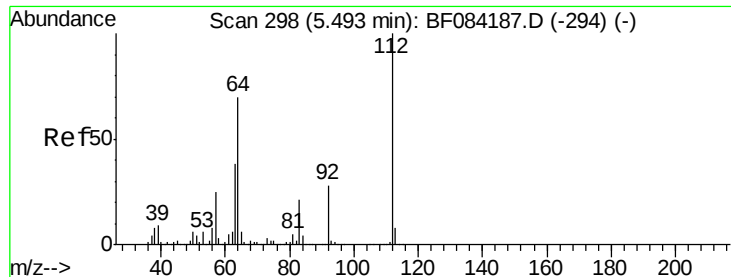


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.73 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF084574.D

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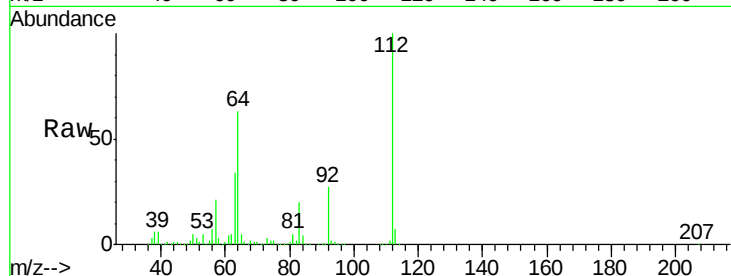
Tgt Ion:112 Resp: 1574940

Ion Ratio Lower Upper

112 100

64 63.0 36.6 55.0#

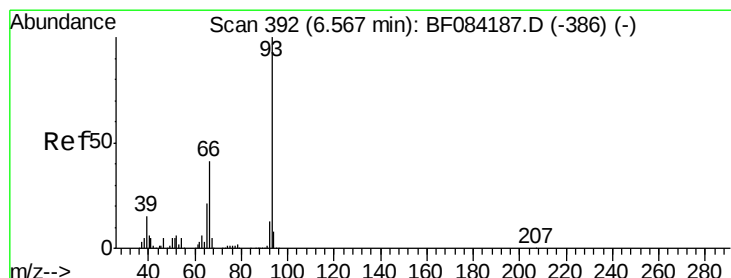
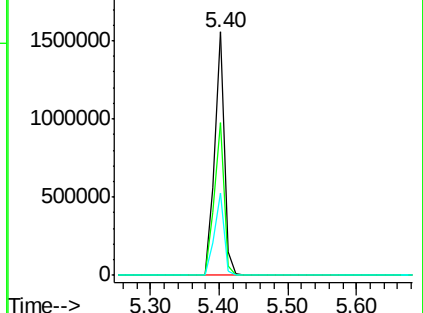
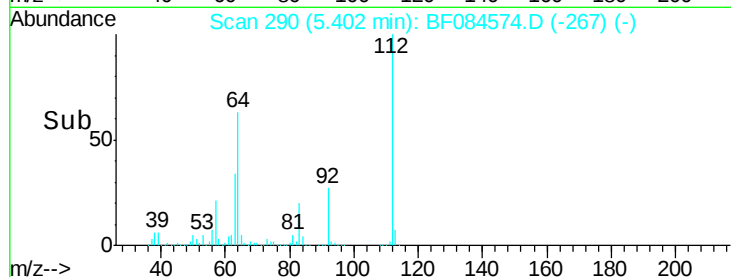
63 33.8 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.20 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

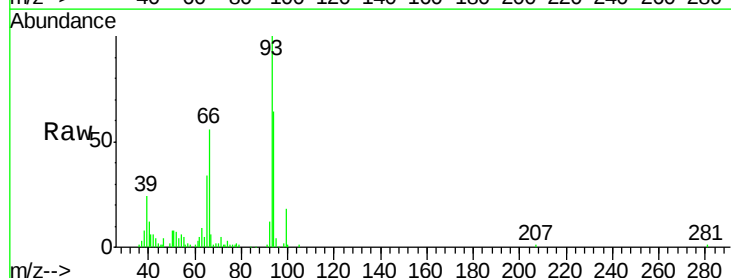
Tgt Ion: 93 Resp: 171084

Ion Ratio Lower Upper

93 100

66 56.2 44.9 67.3

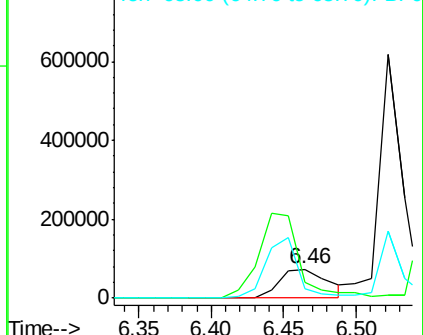
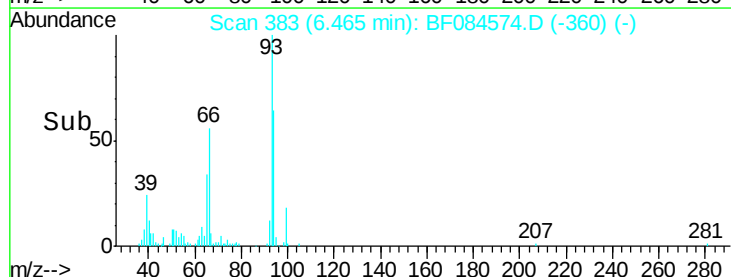
65 34.4 23.7 35.5

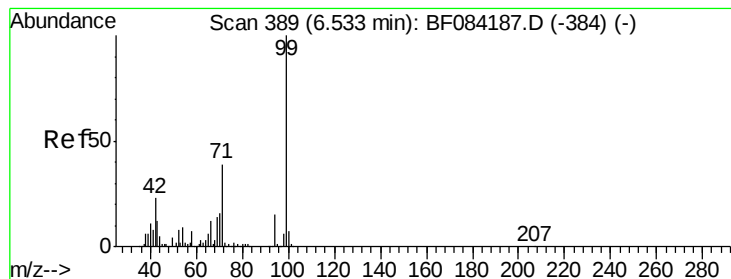


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.44 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

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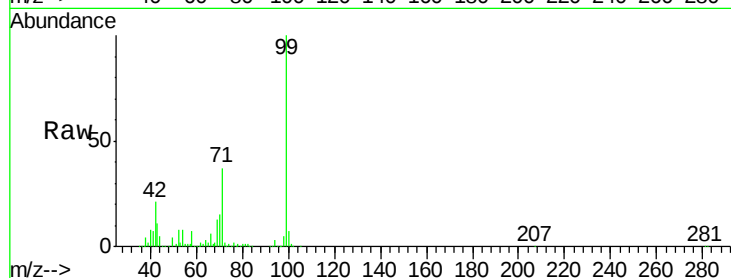
Tgt Ion: 99 Resp: 2054452

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

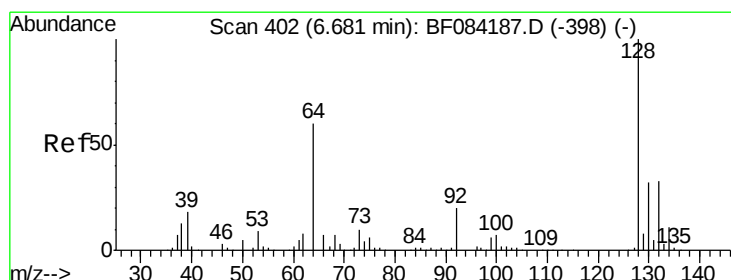
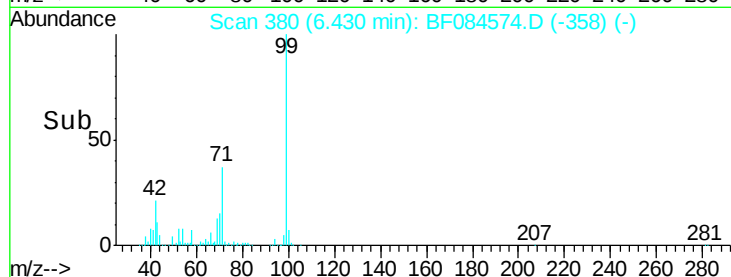
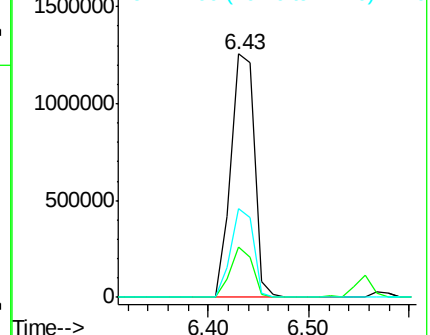
71 36.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.18 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

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Acq: 20 Jan 2016 19:41

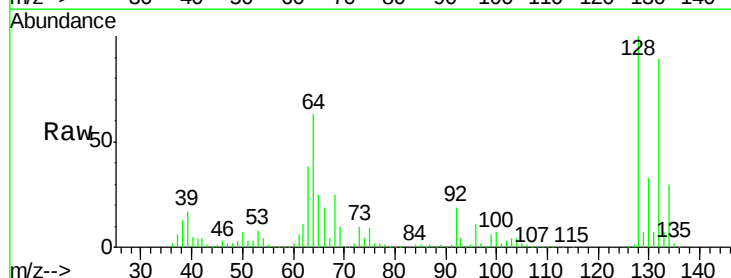
Tgt Ion: 128 Resp: 648572

Ion Ratio Lower Upper

128 100

130 32.8 11.6 51.6

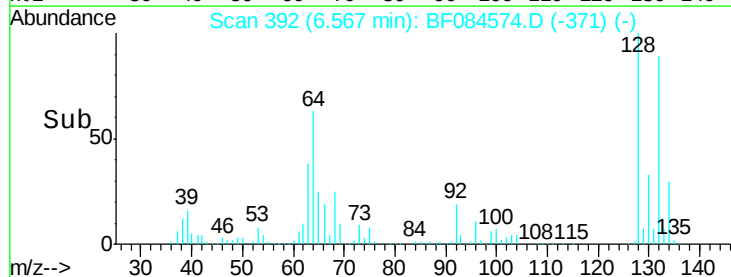
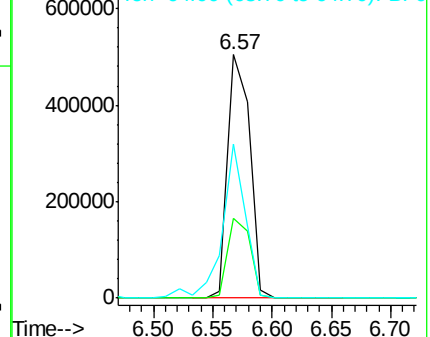
64 63.2 23.8 63.8

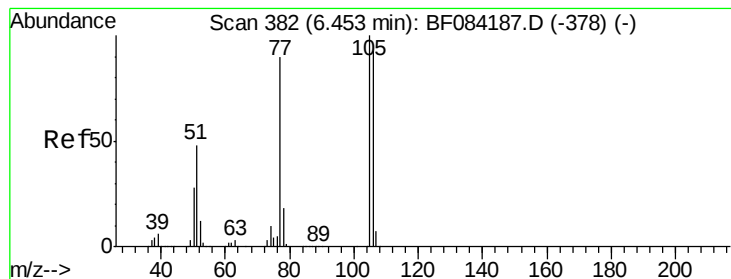


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.86 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.06 min

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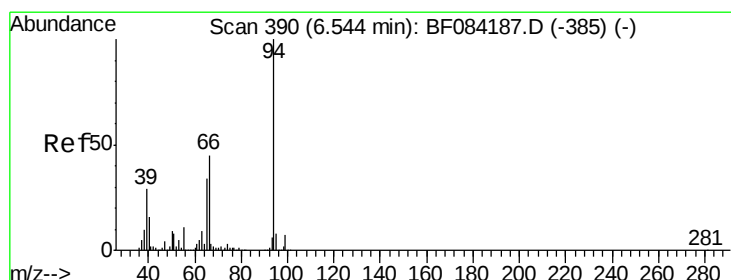
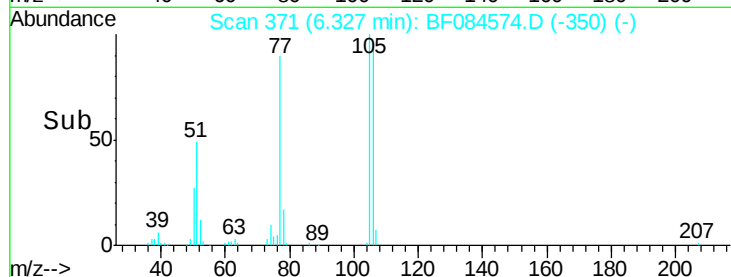
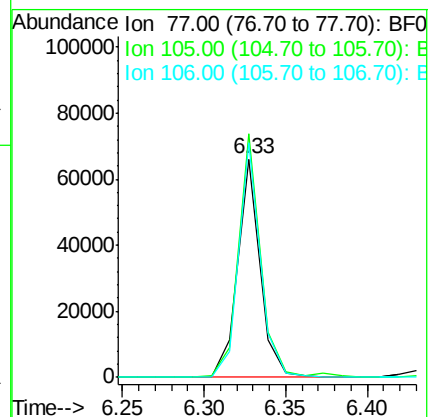
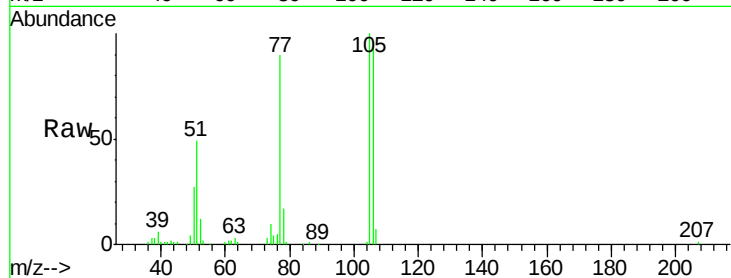
Tgt Ion: 77 Resp: 62020

Ion Ratio Lower Upper

77 100

105 111.4 83.0 123.0

106 107.3 74.6 114.6



#10

Phenol

Concen: 37.60 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

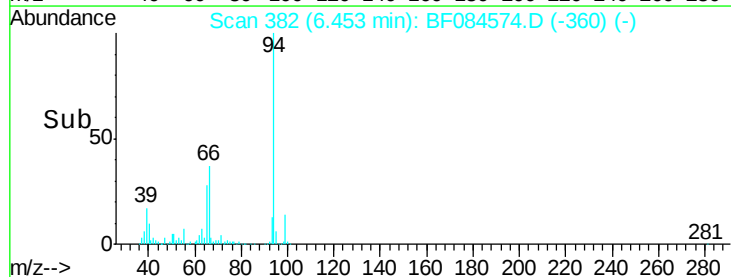
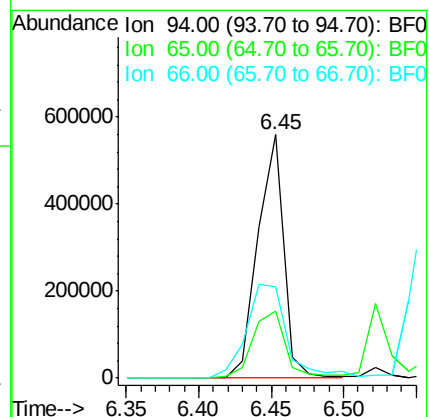
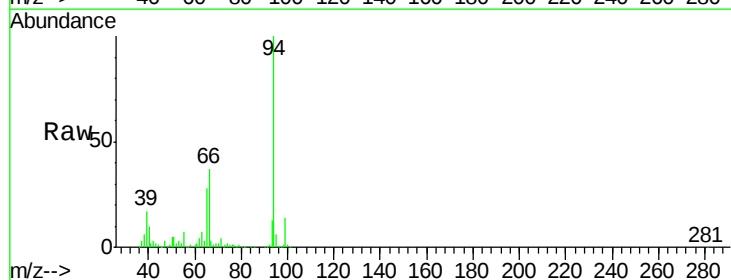
Tgt Ion: 94 Resp: 694594

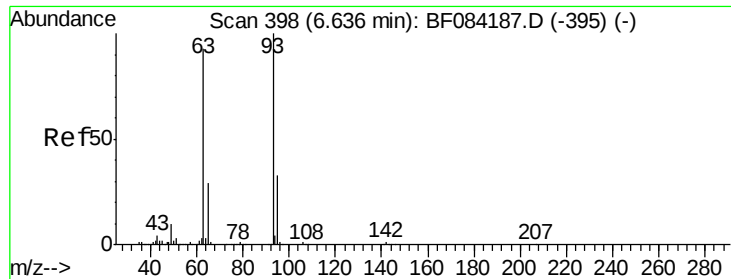
Ion Ratio Lower Upper

94 100

65 27.5 12.9 52.9

66 37.4 32.7 72.7

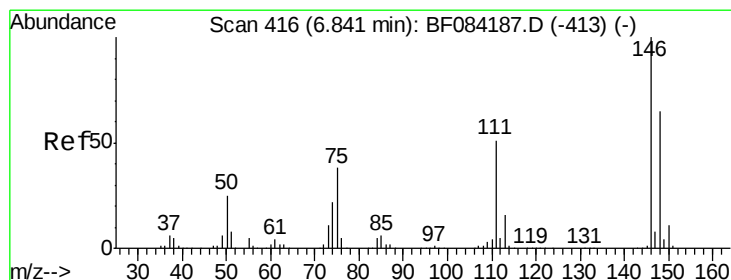
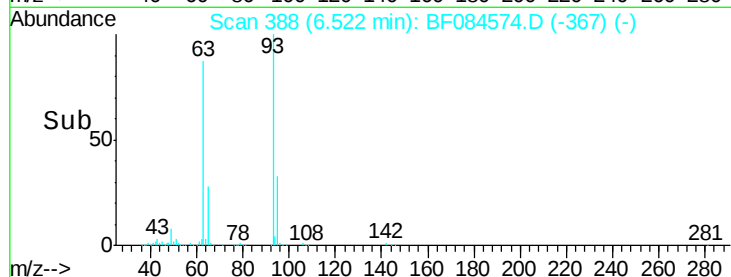
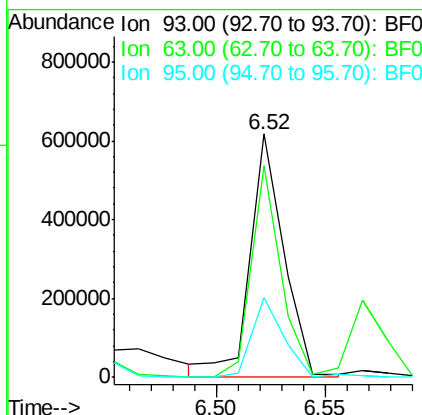
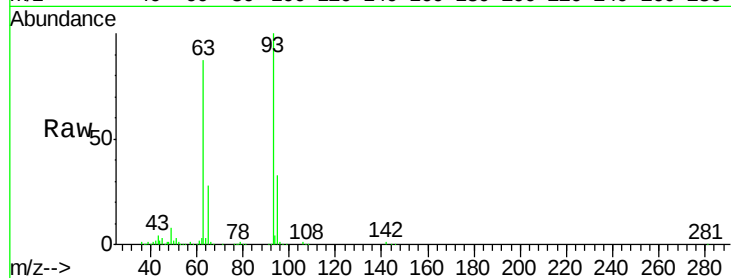




#11
bis(2-Chloroethyl)ether
Concen: 46.47 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

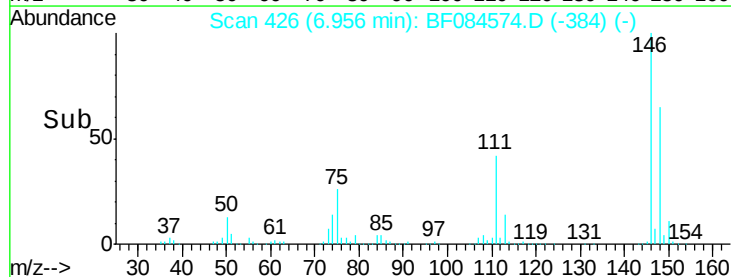
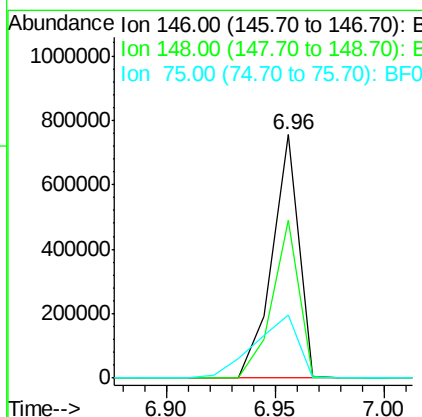
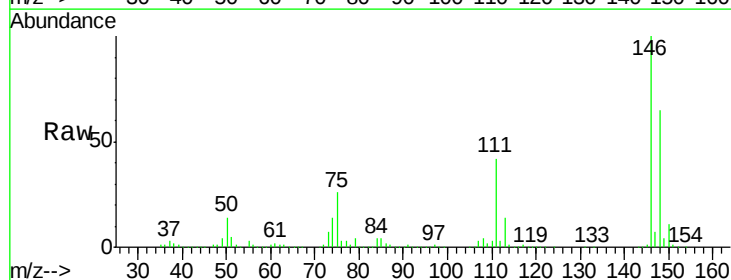
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

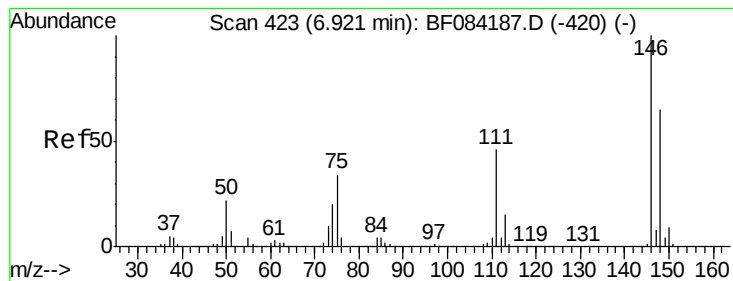
Tgt Ion: 93 Resp: 665082
Ion Ratio Lower Upper
93 100
63 87.1 45.9 85.9#
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.34 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.18 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion: 146 Resp: 656227
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 26.1 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 43.79 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

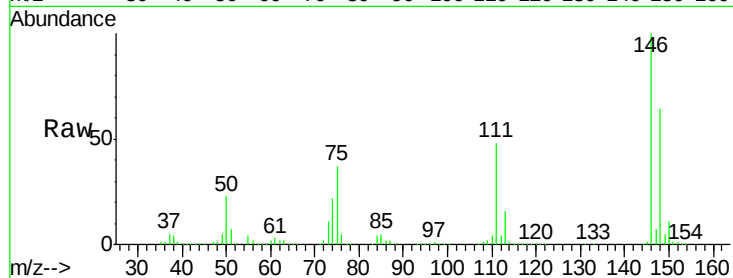
Tgt Ion:146 Resp: 664913

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

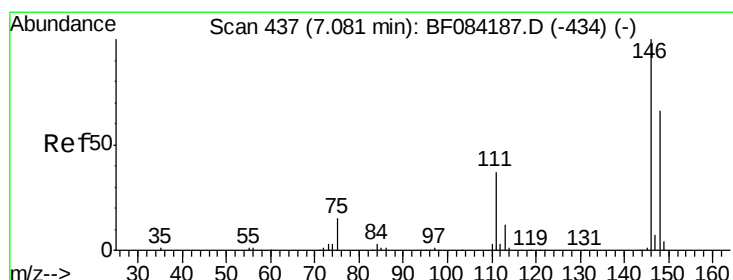
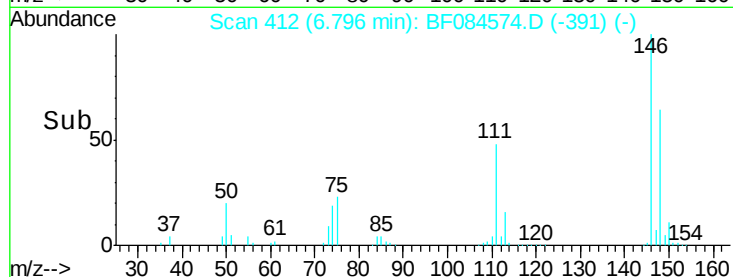
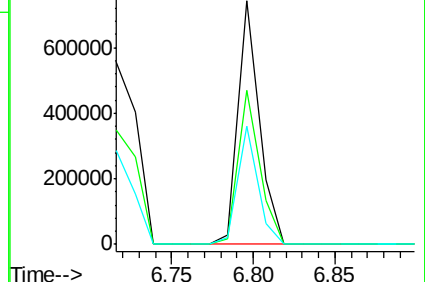
111 48.4 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.13 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

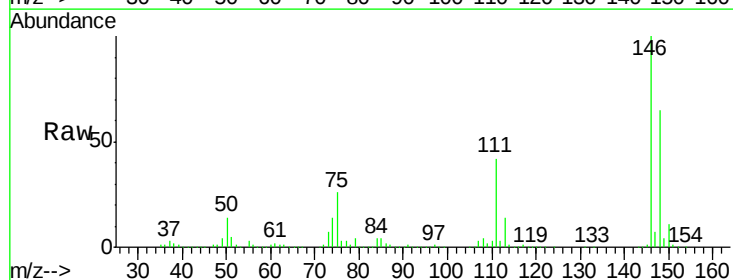
Tgt Ion:146 Resp: 656250

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

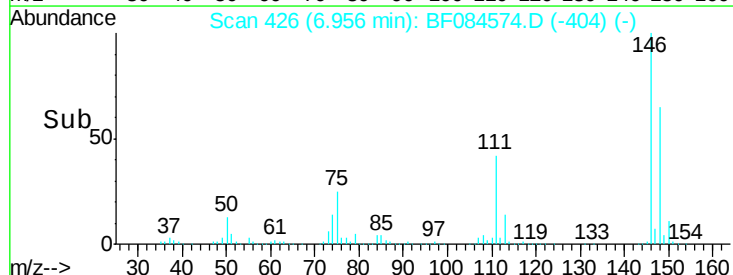
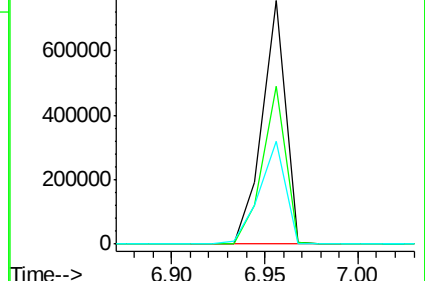
111 42.3 38.0 57.0

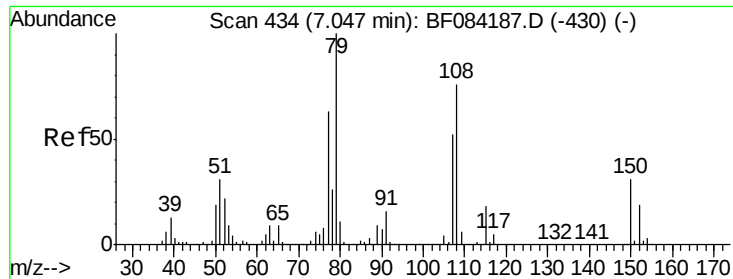


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.88 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

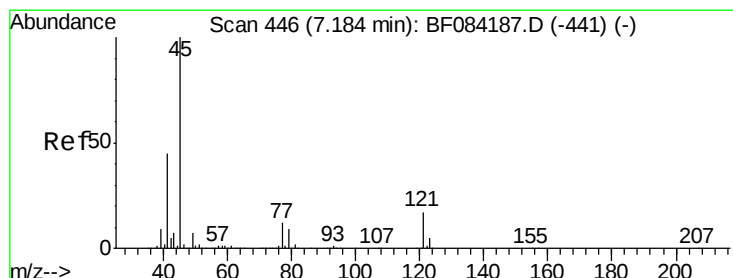
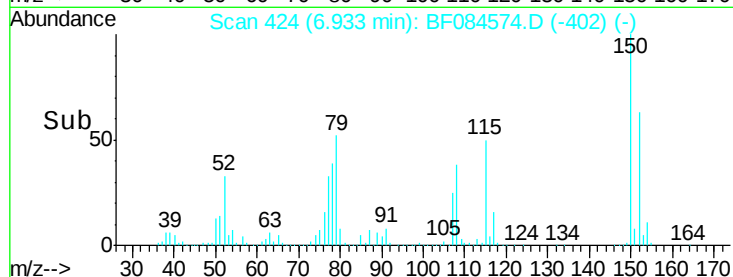
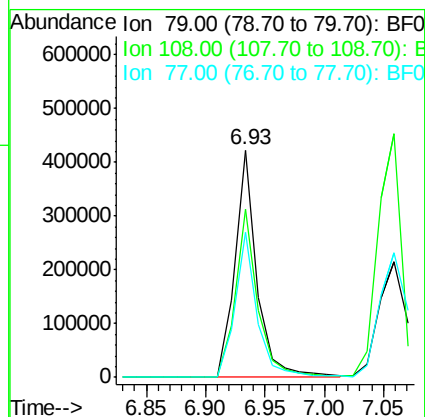
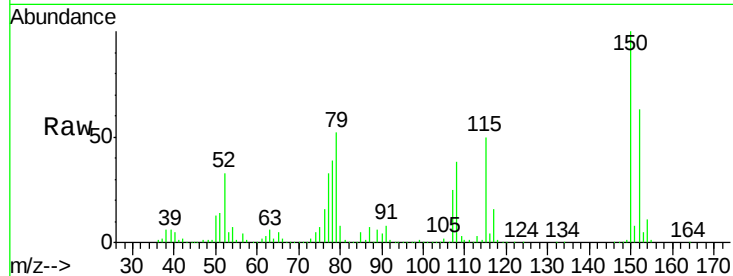
Tgt Ion: 79 Resp: 545111

Ion Ratio Lower Upper

79 100

108 74.2 69.0 103.4

77 63.8 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.25 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

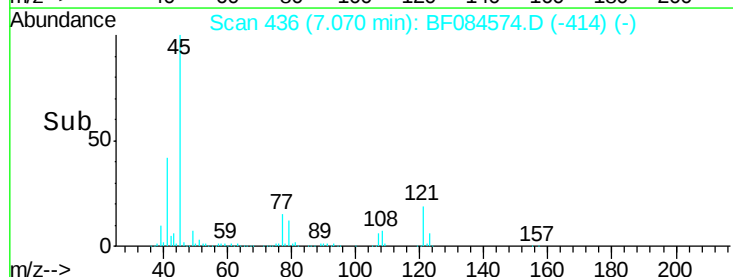
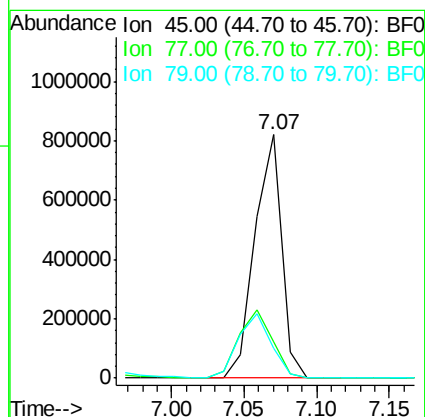
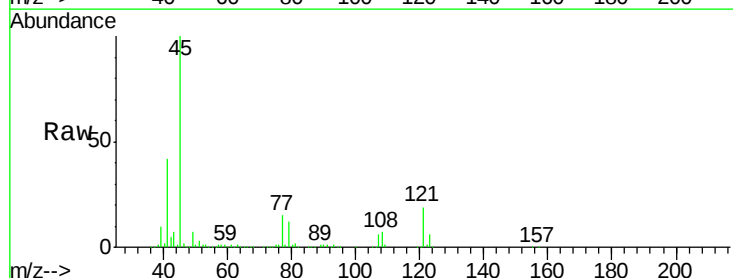
Tgt Ion: 45 Resp: 1049026

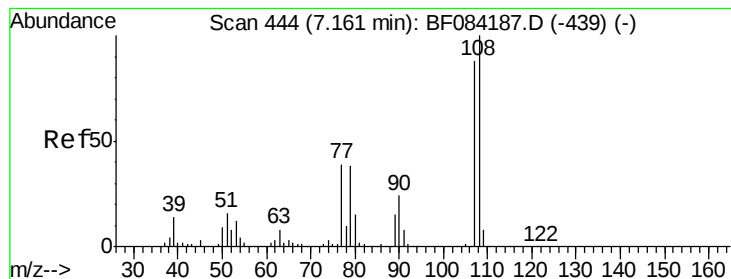
Ion Ratio Lower Upper

45 100

77 15.2 0.0 39.6

79 12.2 0.0 35.0

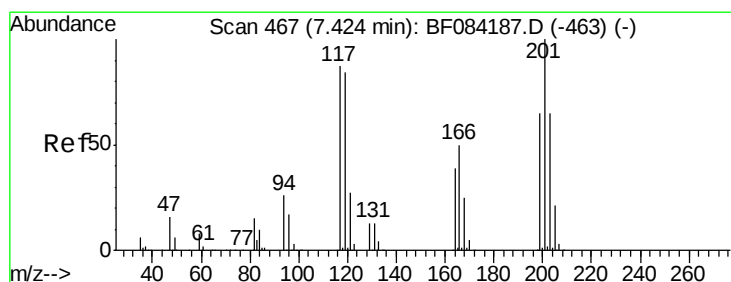
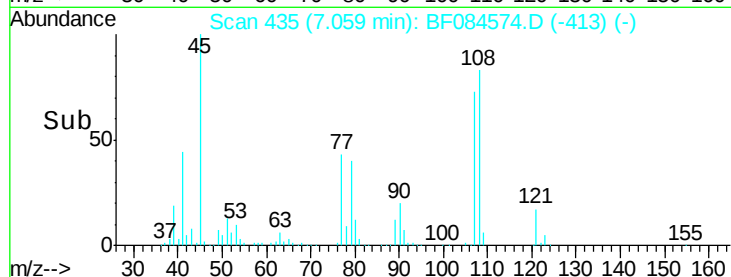
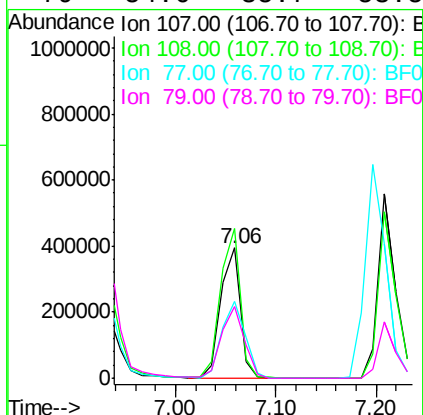
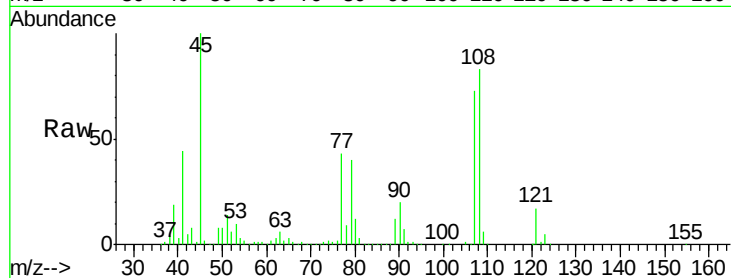




#17
2-Methylphenol
Concen: 43.72 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

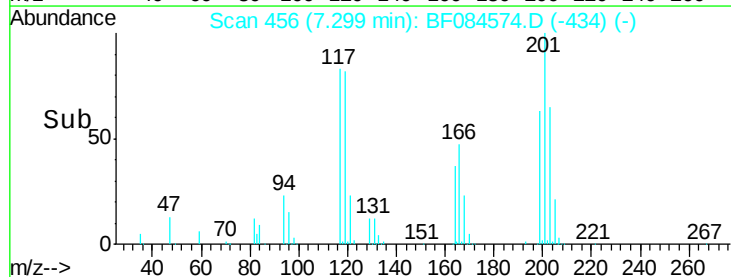
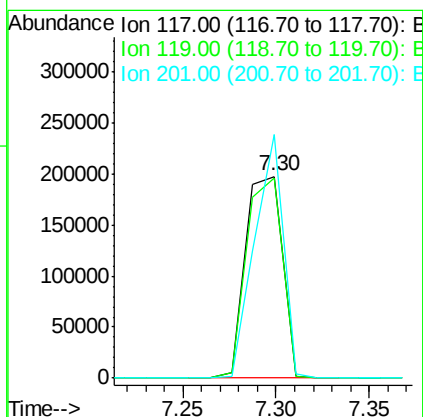
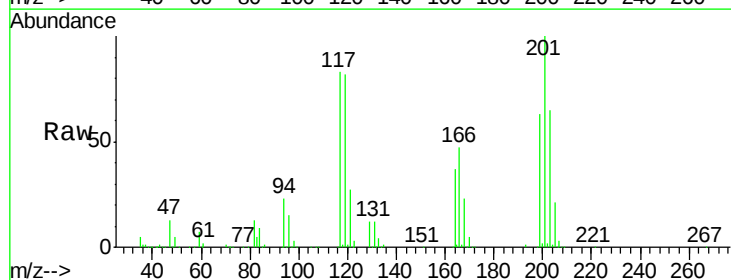
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

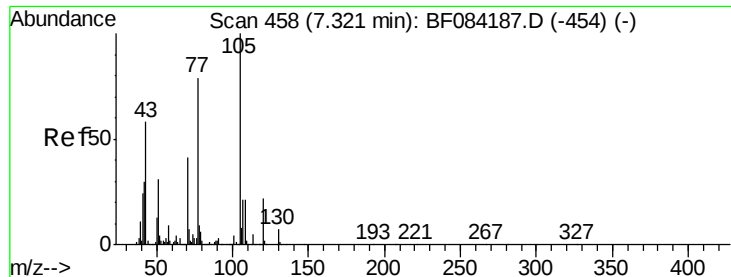
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	89.8	134.6
77	58.7	35.7	53.5#
79	54.6	35.7	53.5#



#18
Hexachloroethane
Concen: 44.59 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.4	116.0
201	120.7	68.6	103.0#

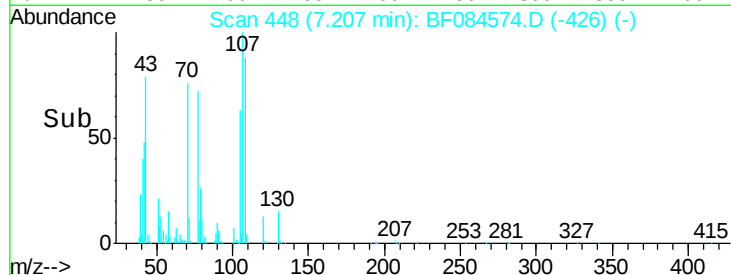
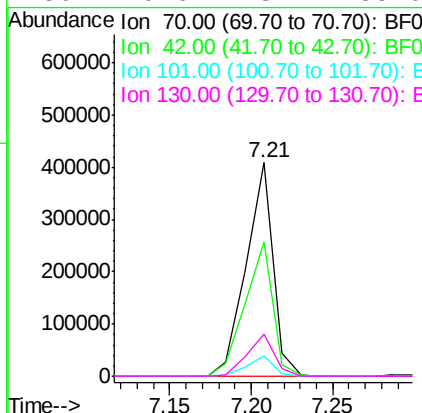
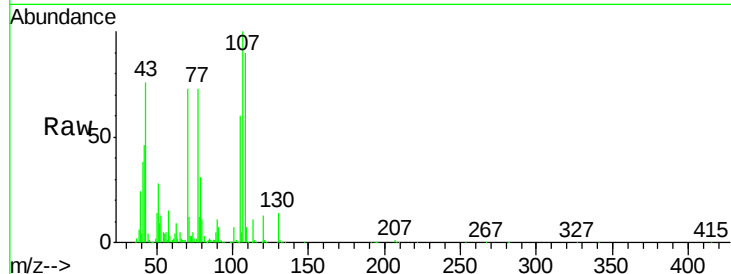




#19
n-Nitroso-di-n-propylamine
Concen: 42.39 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

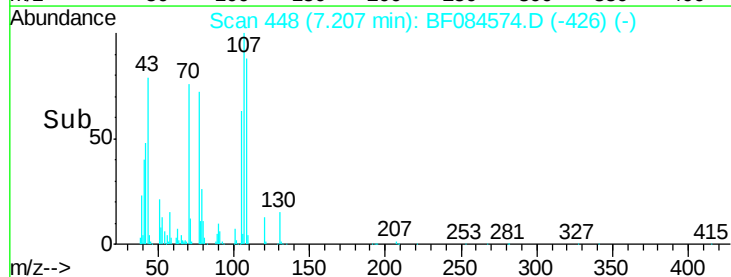
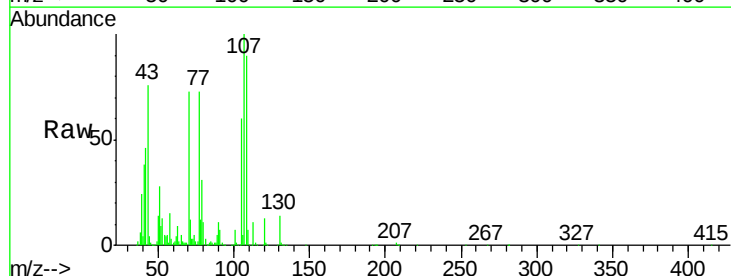
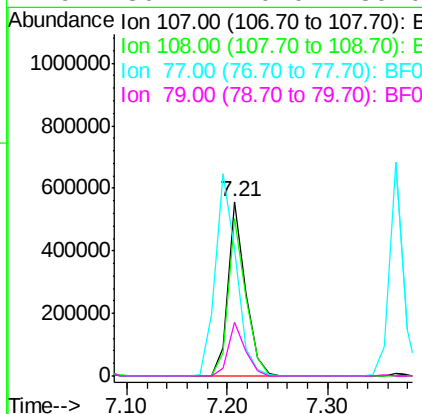
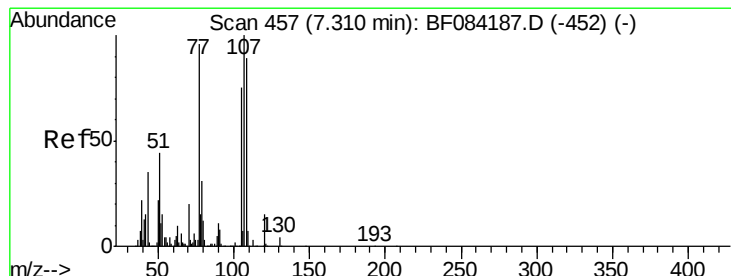
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion: 70 Resp: 466285
Ion Ratio Lower Upper
70 100
42 62.9 33.3 49.9#
101 9.5 9.3 13.9
130 19.6 23.4 35.0#



#20
3+4-Methylphenols
Concen: 46.52 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion: 107 Resp: 672640
Ion Ratio Lower Upper
107 100
108 90.5 74.6 114.6
77 72.6 0.7 40.7#
79 30.7 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tgt Ion:136 Resp: 854776

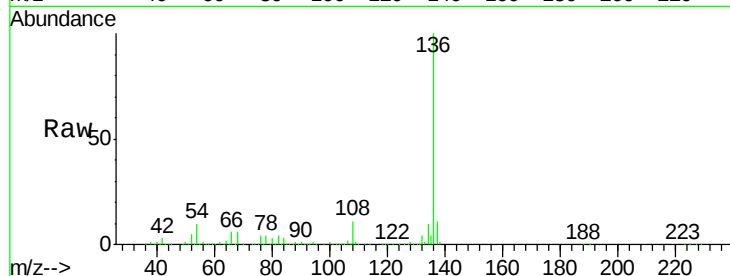
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.7 5.8 8.8#

68 5.8 4.2 6.2

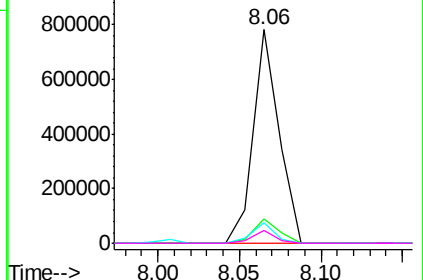
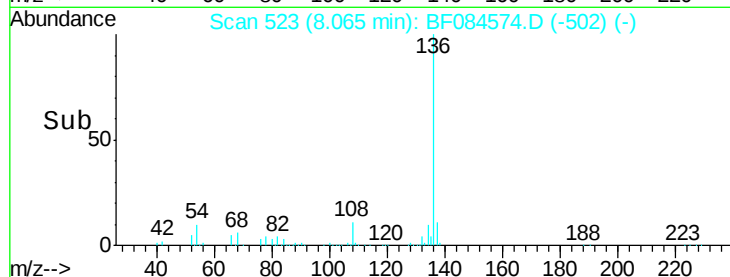


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.24 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:105 Resp: 950388

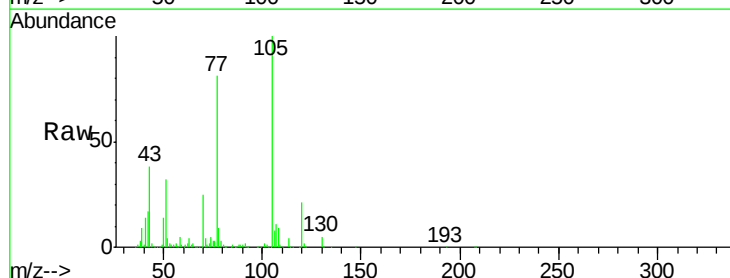
Ion Ratio Lower Upper

105 100

71 4.1 3.7 5.5

51 32.2 25.1 37.7

120 20.8 16.6 25.0

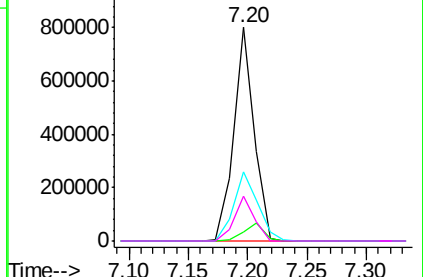
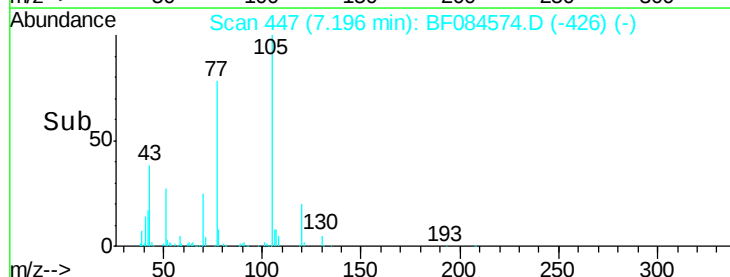


Abundance Ion 105.00 (104.70 to 105.70): E

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: 94.72 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

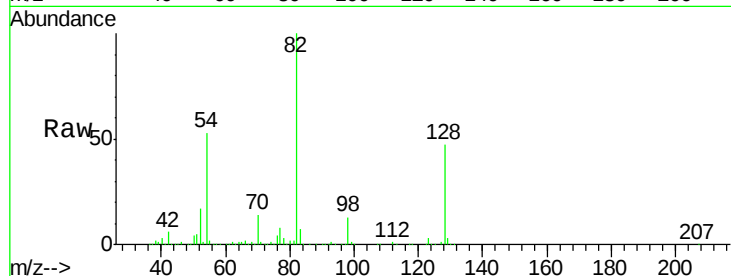
Tgt Ion: 82 Resp: 1454698

Ion Ratio Lower Upper

82 100

128 47.0 34.6 51.8

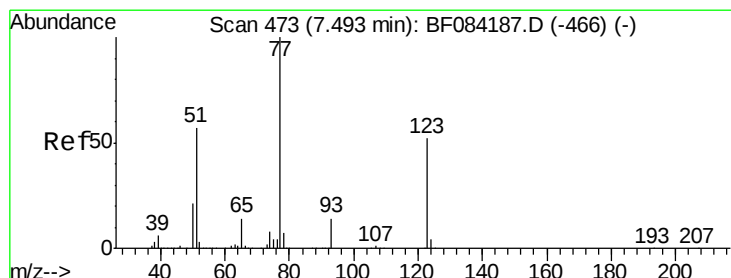
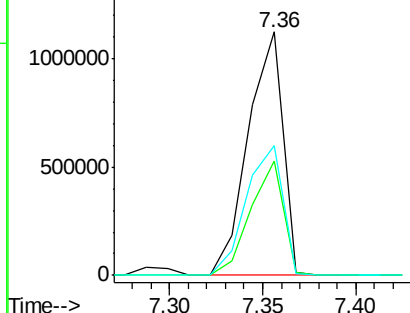
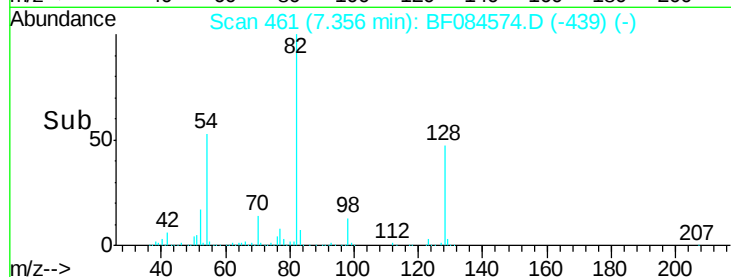
54 53.4 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.94 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

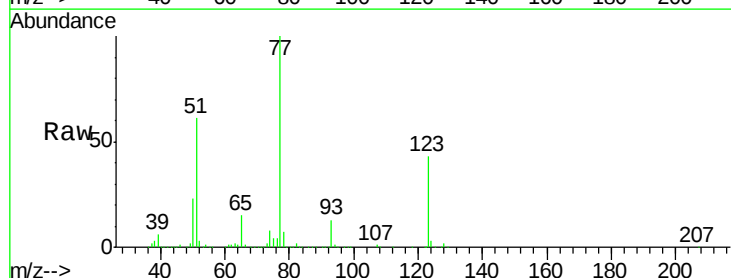
Tgt Ion: 77 Resp: 637699

Ion Ratio Lower Upper

77 100

123 42.8 37.4 56.2

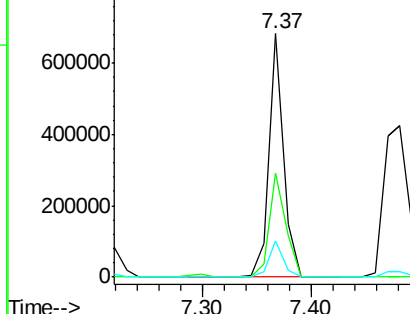
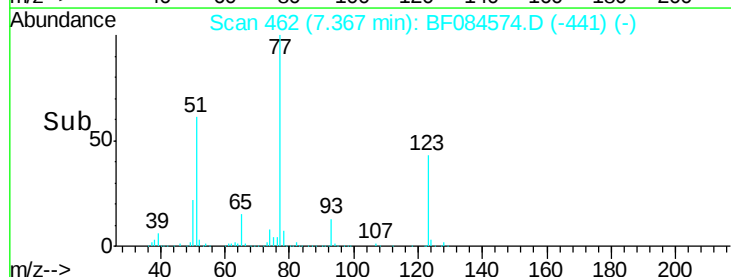
65 15.1 10.9 16.3

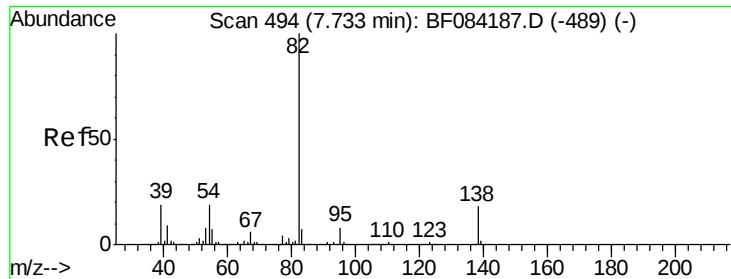


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.05 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

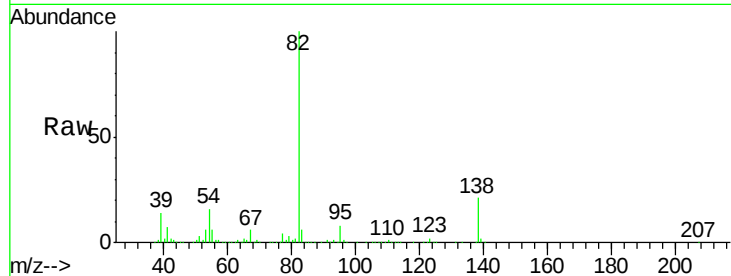
BNA_F

ClientSampleId :

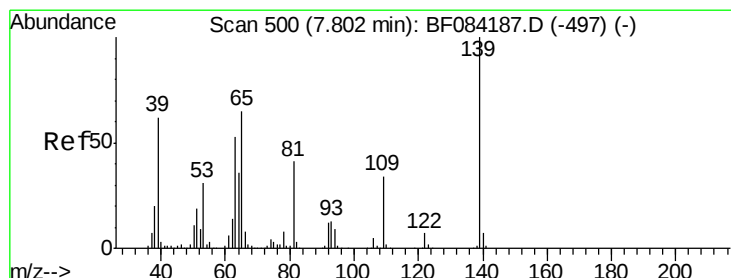
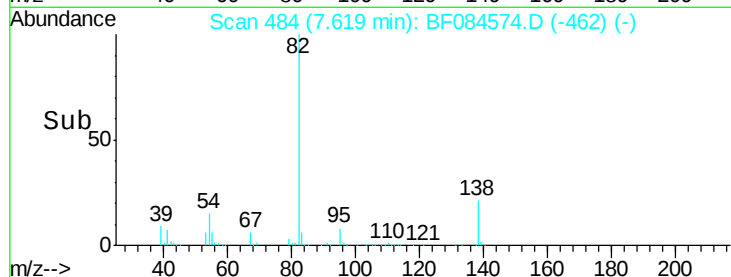
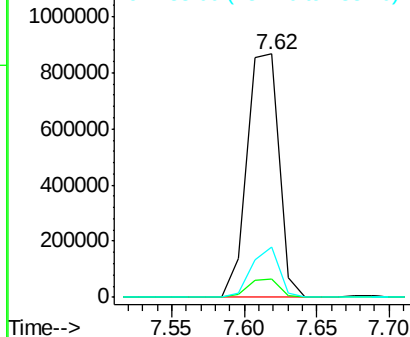
SULFURCAKEMSD

Tgt Ion: 82 Resp: 1323315

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.6	10.0
138	20.9	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): E



#26

2-Nitrophenol

Concen: 53.69 ng

RT: 7.69 min Scan# 490

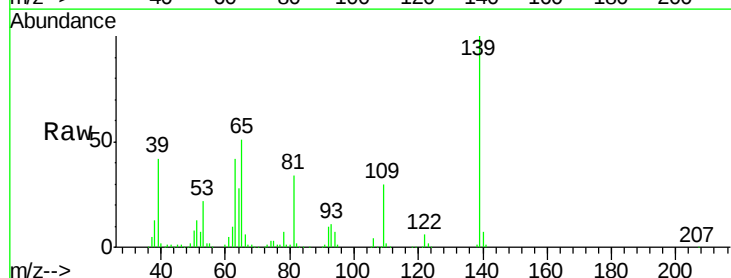
Delta R.T. -0.06 min

Lab File: BF084574.D

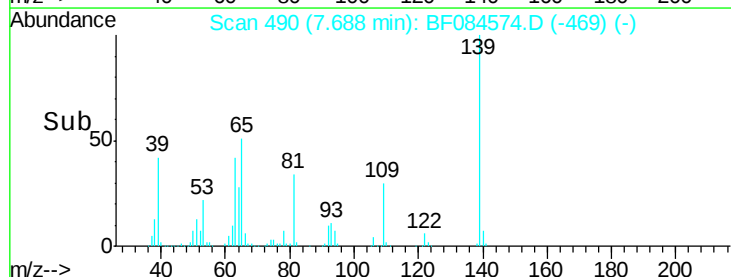
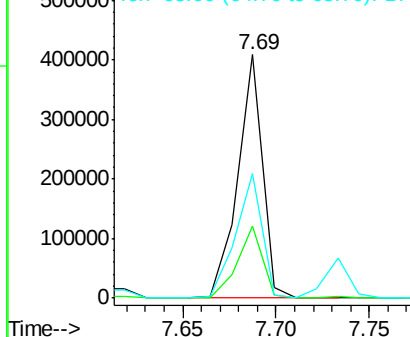
Acq: 20 Jan 2016 19:41

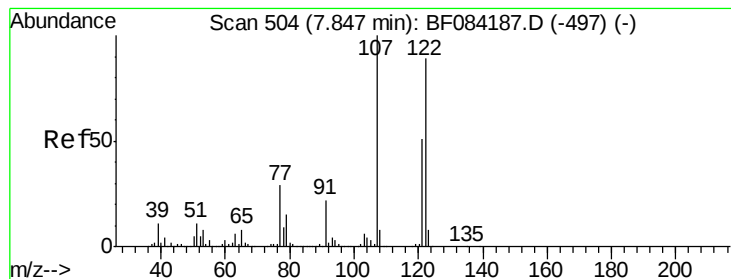
Tgt Ion: 139 Resp: 380632

Ion	Ratio	Lower	Upper
139	100		
109	29.7	25.4	38.2
65	51.3	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: 42.84 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

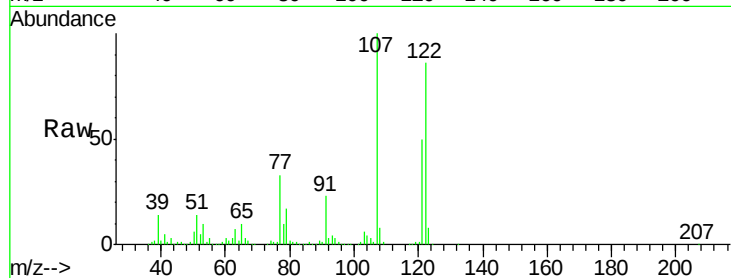
Tgt Ion:122 Resp: 614750

Ion Ratio Lower Upper

122 100

107 115.9 99.1 148.7

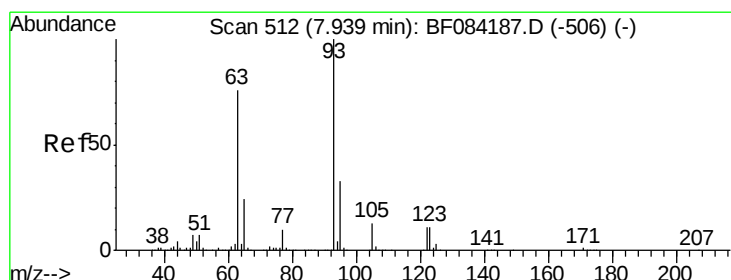
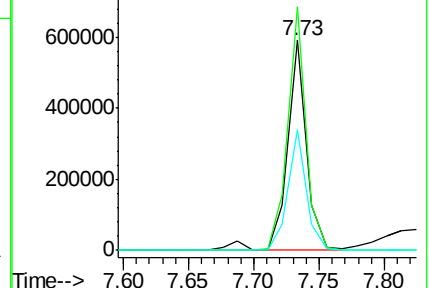
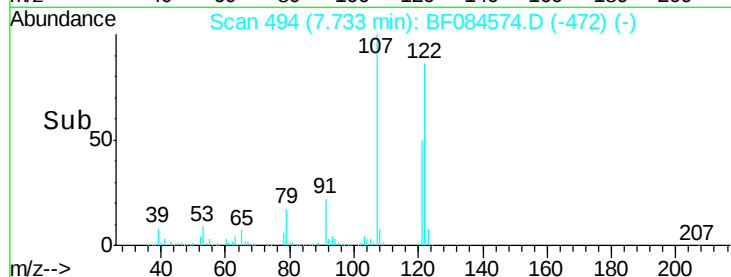
121 57.4 47.9 71.9



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: 45.52 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

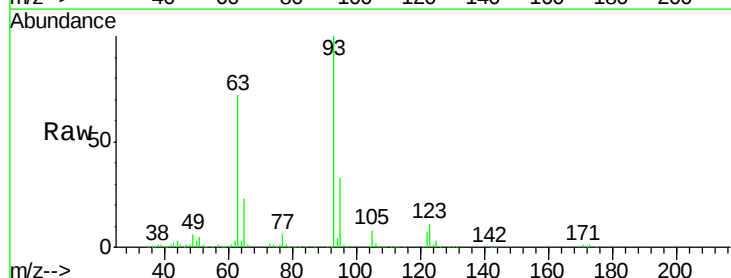
Tgt Ion: 93 Resp: 816784

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

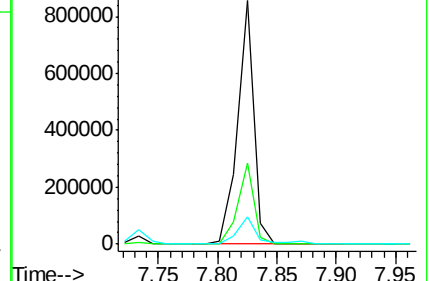
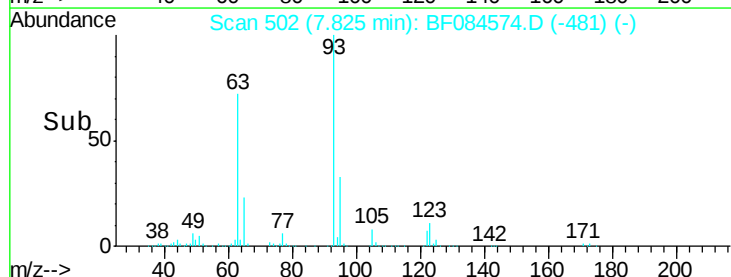
123 11.0 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.65 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

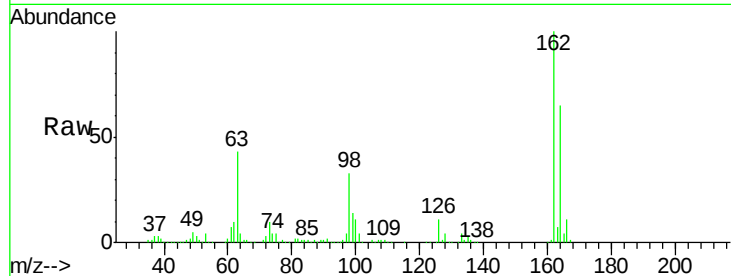
Tgt Ion:162 Resp: 581497

Ion Ratio Lower Upper

162 100

164 64.7 44.1 84.1

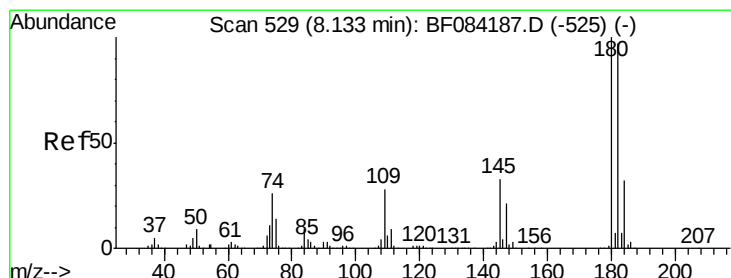
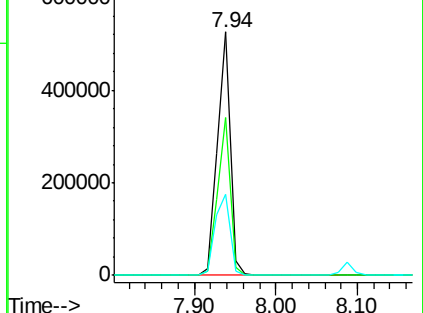
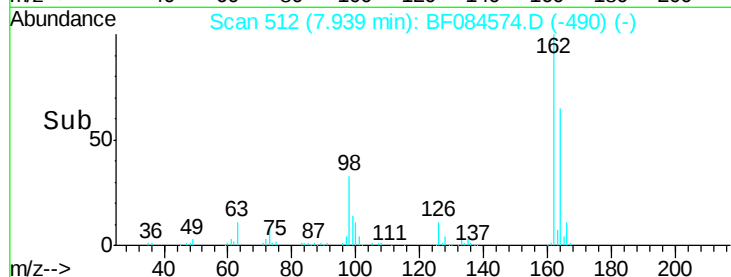
98 33.1 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 47.18 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

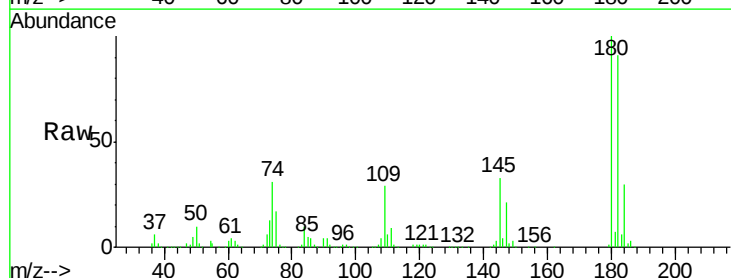
Tgt Ion:180 Resp: 582170

Ion Ratio Lower Upper

180 100

182 91.4 76.4 114.6

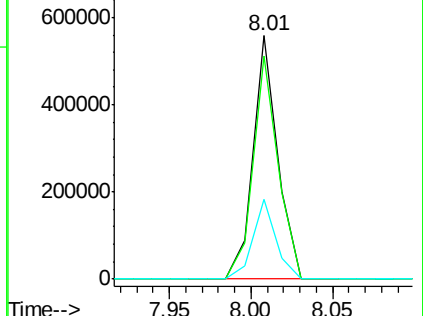
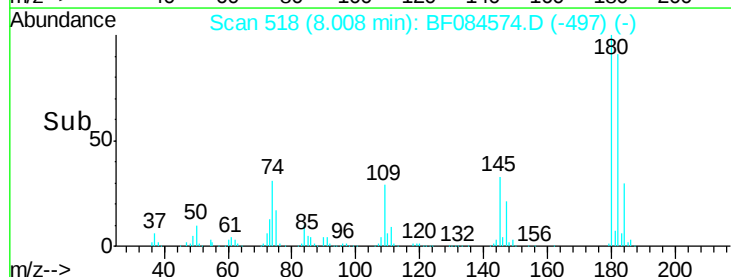
145 32.7 31.6 47.4

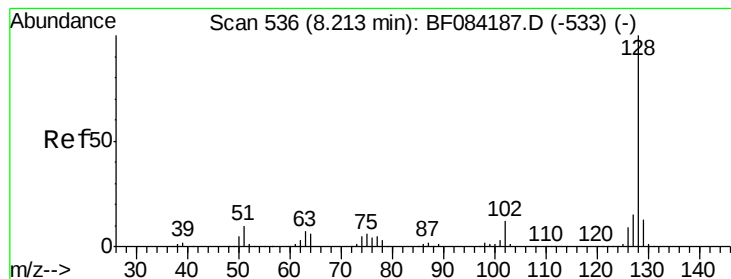


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.54 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

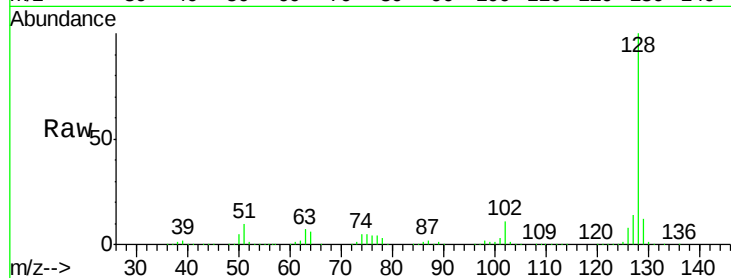
Tgt Ion:128 Resp: 1960004

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

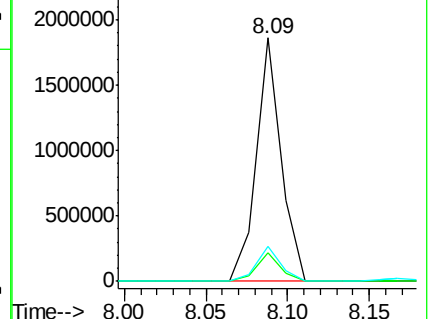
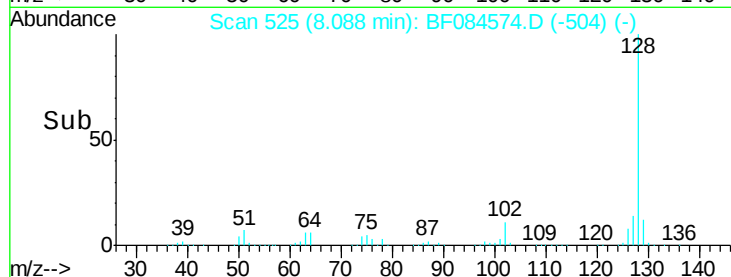
127 14.4 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.48 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

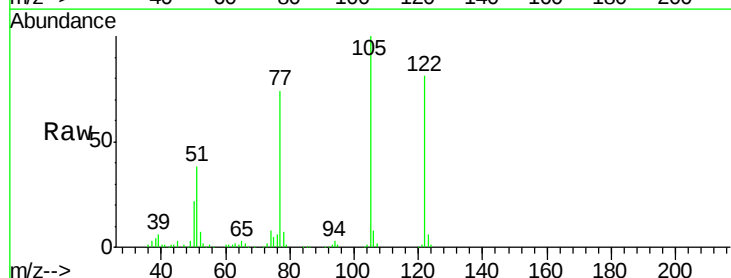
Tgt Ion:122 Resp: 416339

Ion Ratio Lower Upper

122 100

105 122.9 100.3 140.3

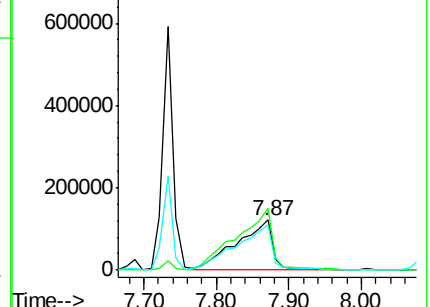
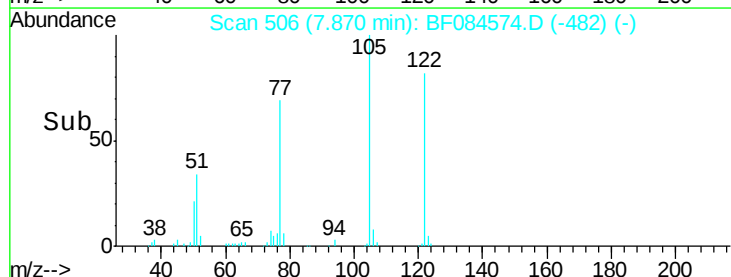
77 91.2 63.5 103.5

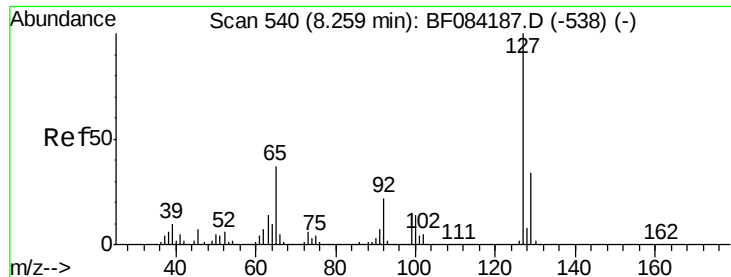


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

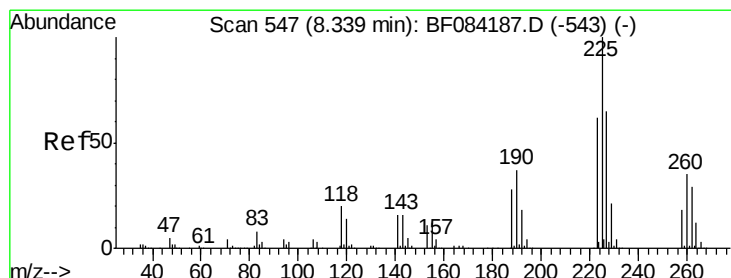
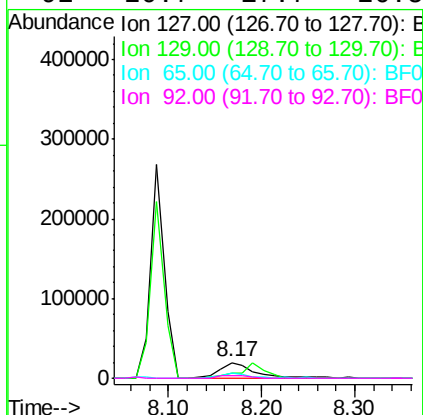
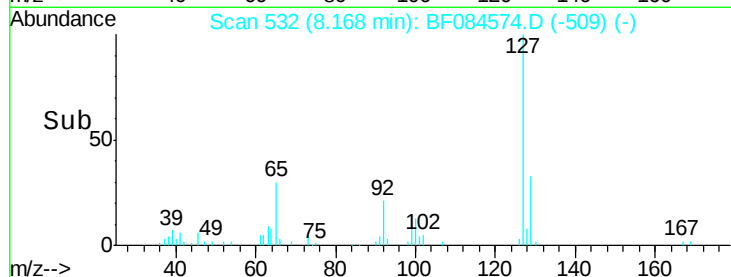
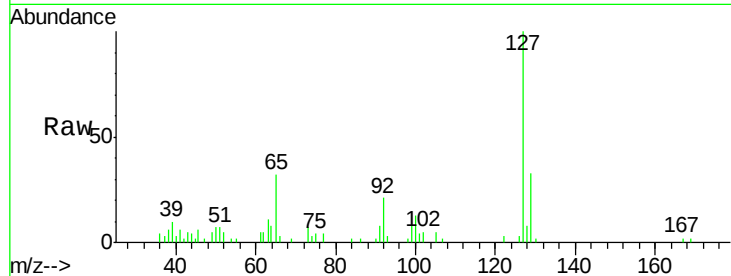




#33
4-Chloroaniline
Concen: 2.76 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

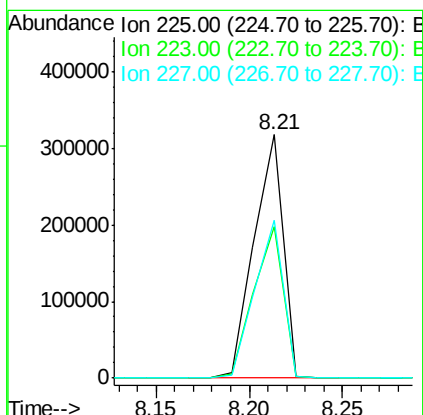
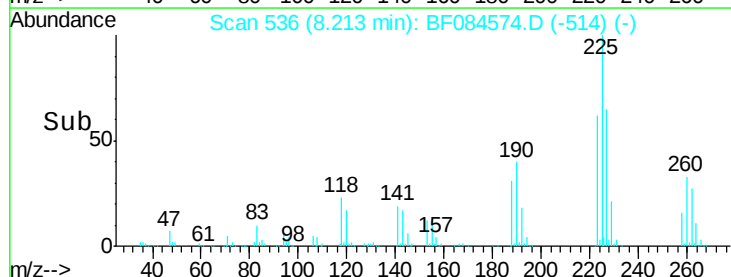
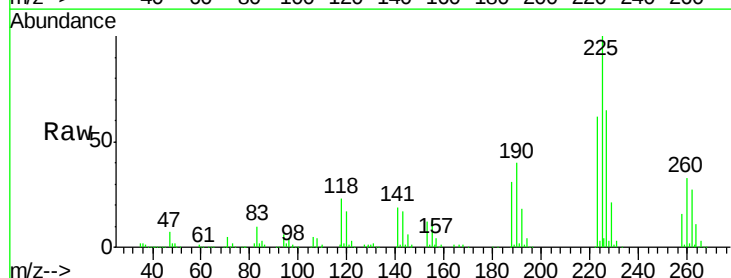
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

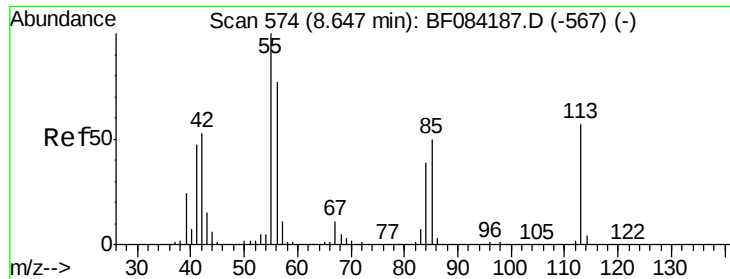
Tgt Ion:	127	Resp:	49017
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.5	39.7
65	31.8	27.2	40.8
92	20.7	17.7	26.5



#34
Hexachlorobutadiene
Concen: 48.24 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion:	225	Resp:	342171
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.0
227	64.8	50.8	76.2





#35

Caprolactam

Concen: 27.27 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

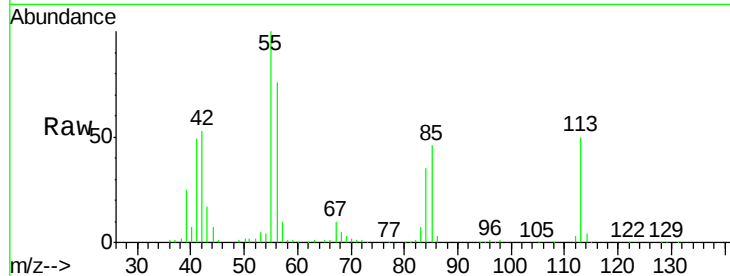
Tgt Ion:113 Resp: 109879

Ion Ratio Lower Upper

113 100

55 200.0 116.9 156.9#

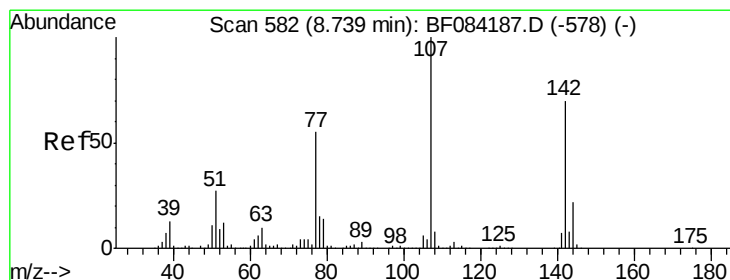
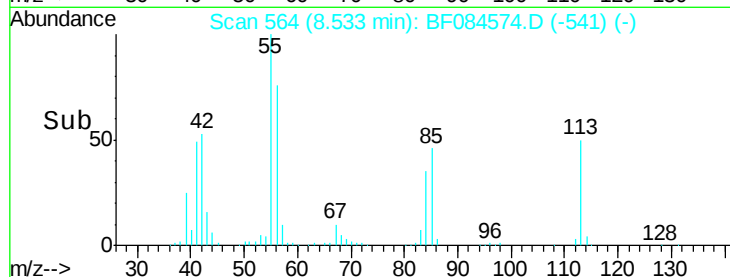
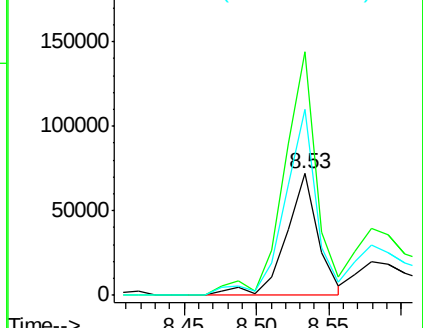
56 152.8 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.88 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

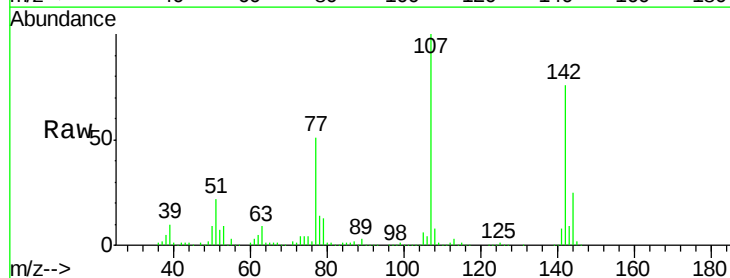
Tgt Ion:107 Resp: 654489

Ion Ratio Lower Upper

107 100

144 24.6 19.7 29.5

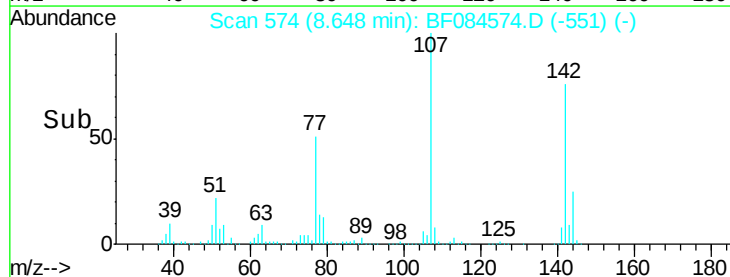
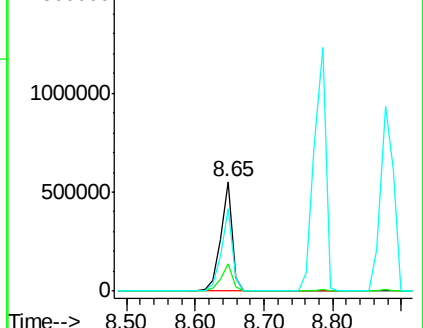
142 75.9 61.8 92.6

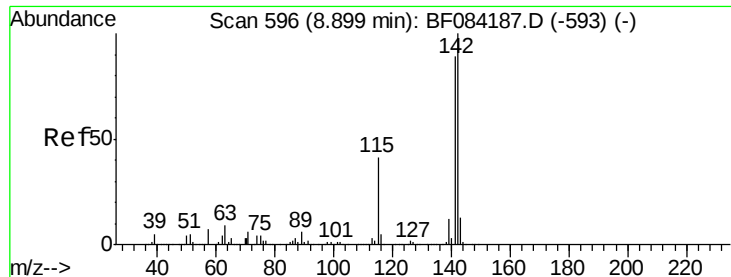


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

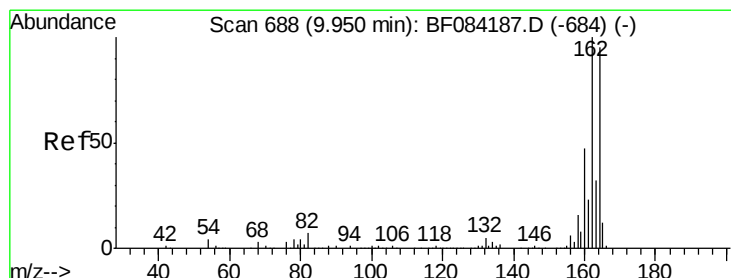
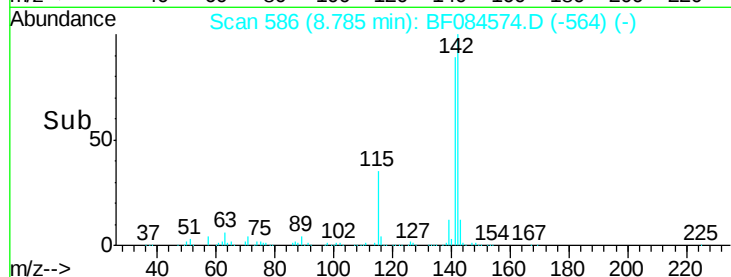
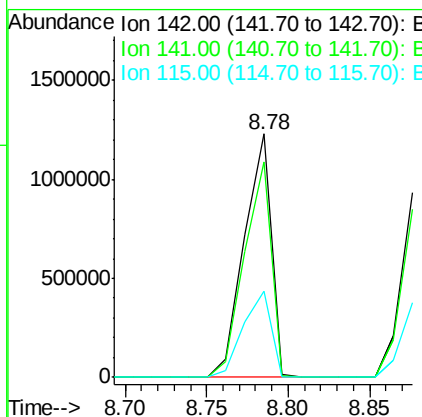
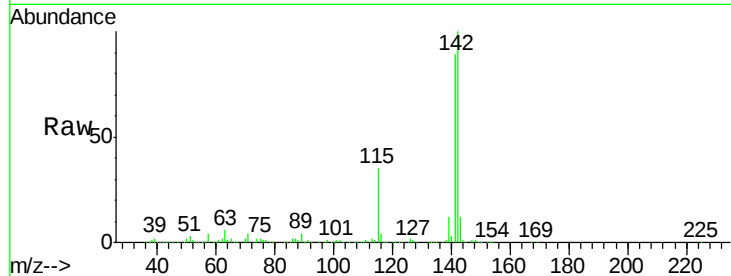




#37
 2-Methylnaphthalene
 Concen: 50.72 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

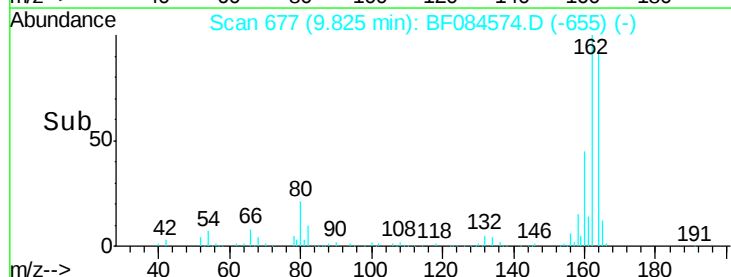
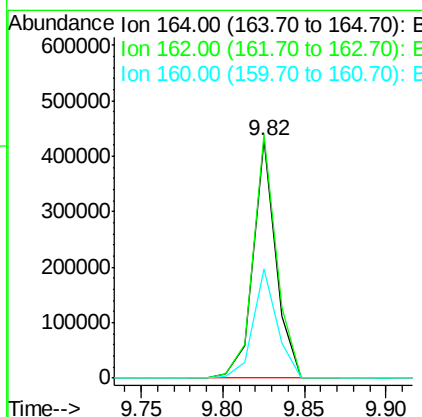
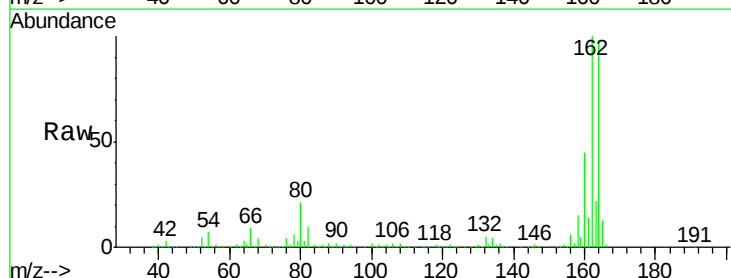
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:142 Resp: 1411941
 Ion Ratio Lower Upper
 142 100
 141 88.6 72.4 108.6
 115 35.2 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion:164 Resp: 417988
 Ion Ratio Lower Upper
 164 100
 162 102.2 85.1 127.7
 160 46.0 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.40 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tgt Ion:216 Resp: 533550

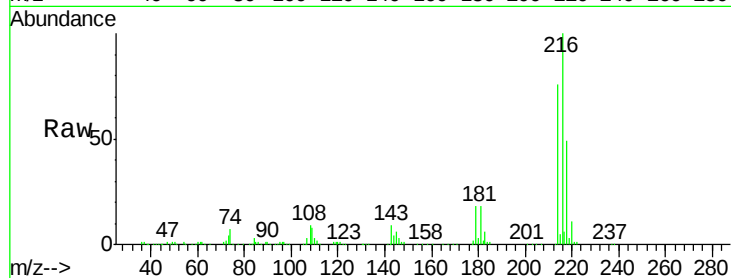
Ion Ratio Lower Upper

216 100

214 78.0 64.2 96.2

179 22.1 18.7 28.1

108 21.8 16.8 25.2

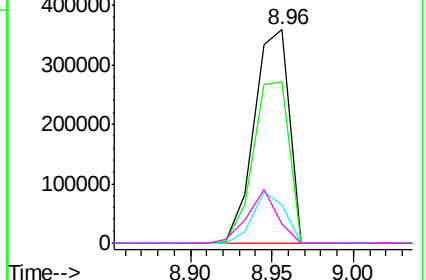
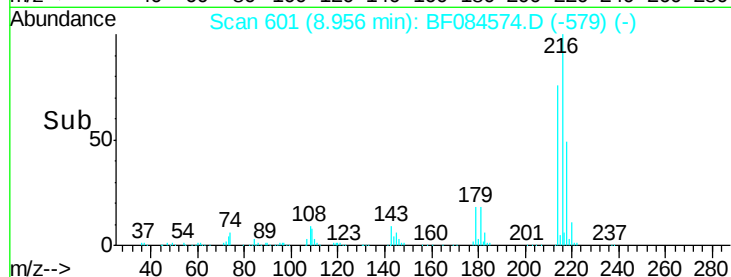


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.50 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

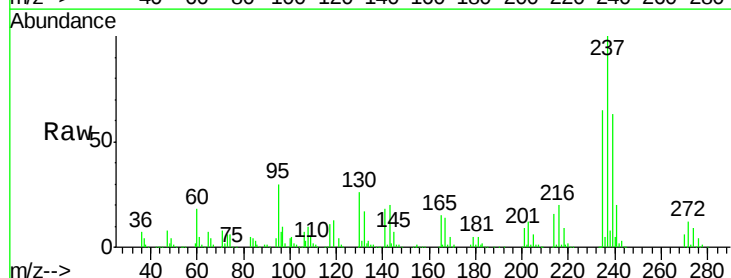
Tgt Ion:237 Resp: 569426

Ion Ratio Lower Upper

237 100

235 64.6 43.1 83.1

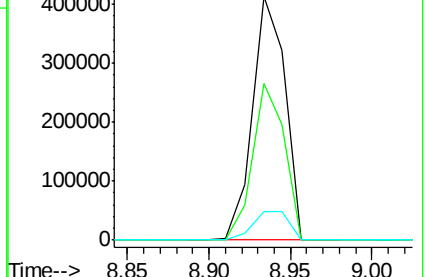
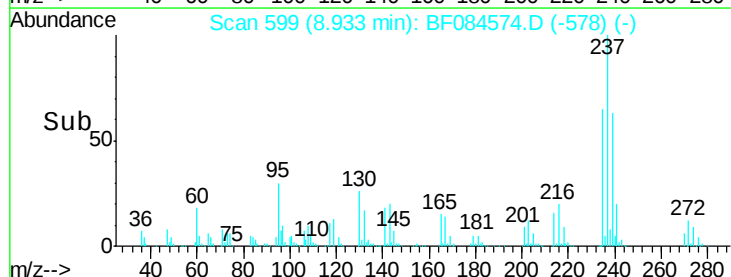
272 11.8 0.0 35.1



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

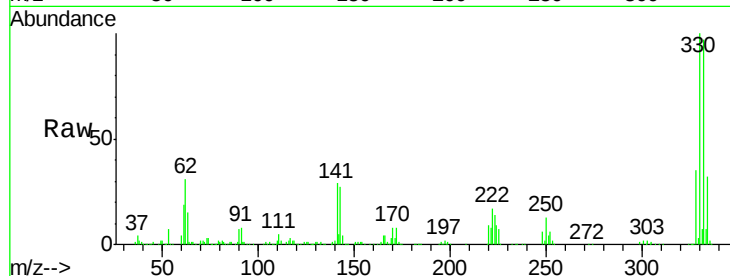




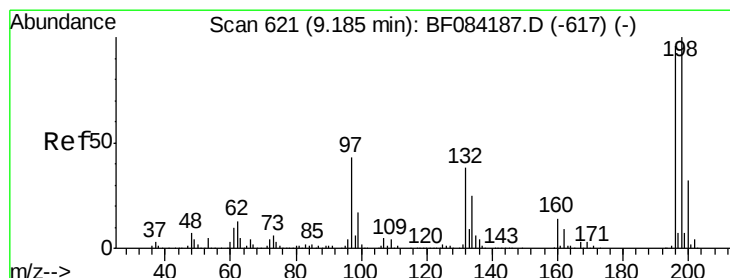
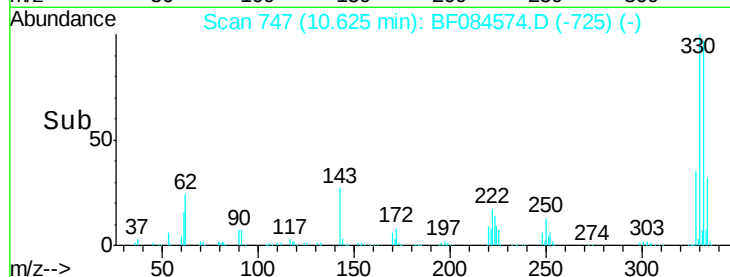
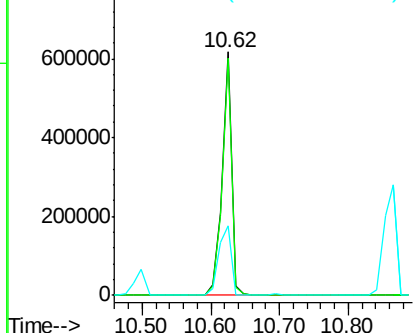
#41
 2,4,6-Tribromophenol
 Concen: 144.58 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:330 Resp: 610117
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 37.7 27.8 41.6

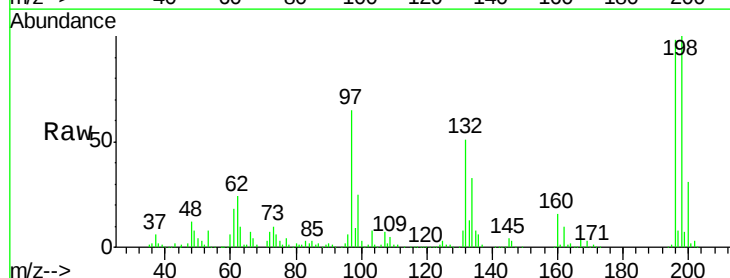


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

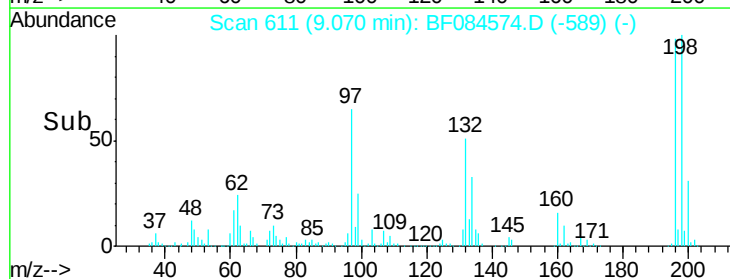
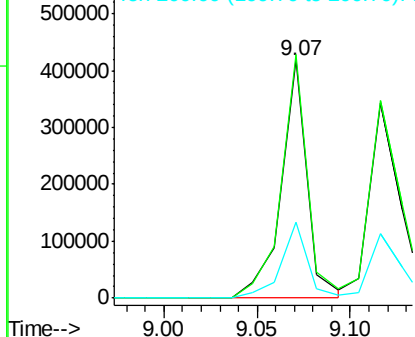


#42
 2,4,6-Trichlorophenol
 Concen: 45.21 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion:196 Resp: 406470
 Ion Ratio Lower Upper
 196 100
 198 102.3 77.7 116.5
 200 32.0 24.6 37.0



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

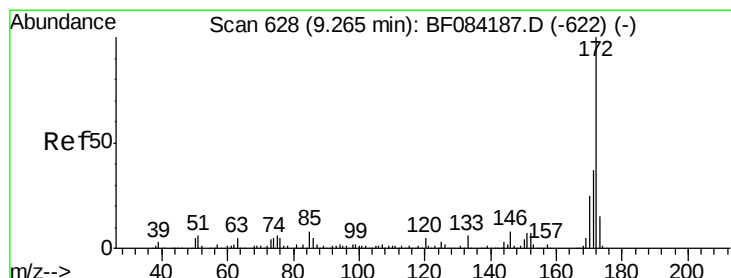
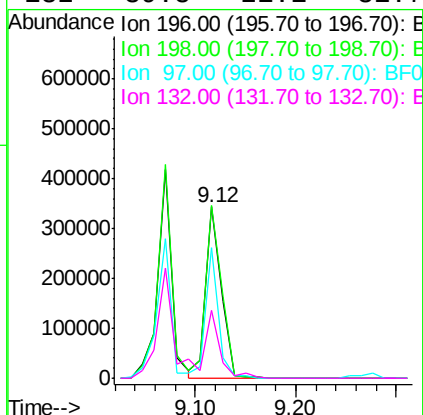
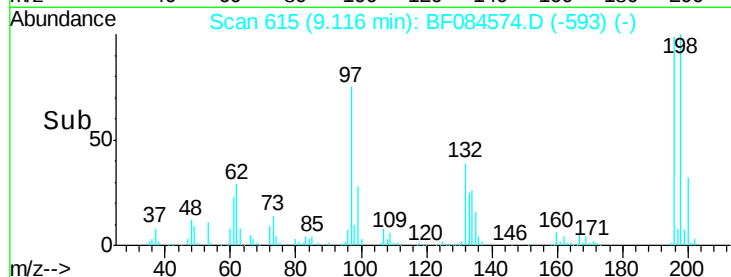
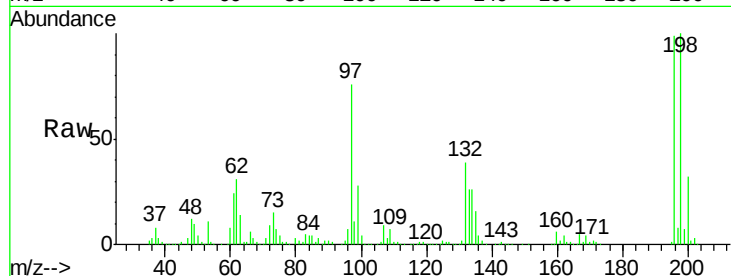




#43
 2,4,5-Trichlorophenol
 Concen: 43.31 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

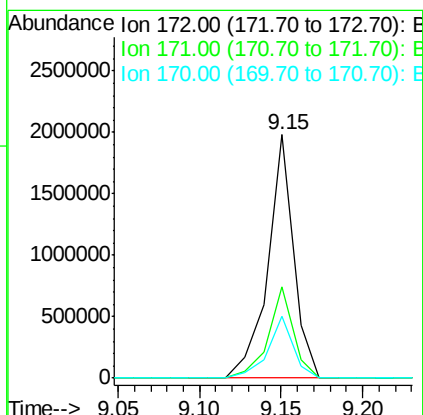
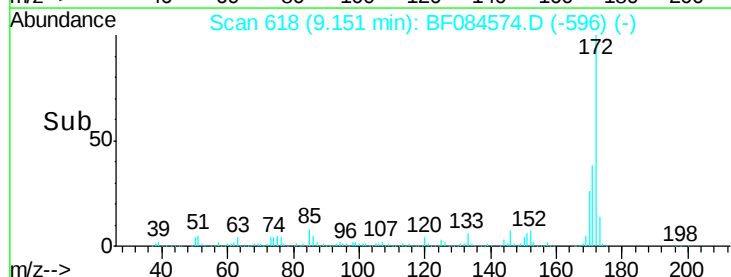
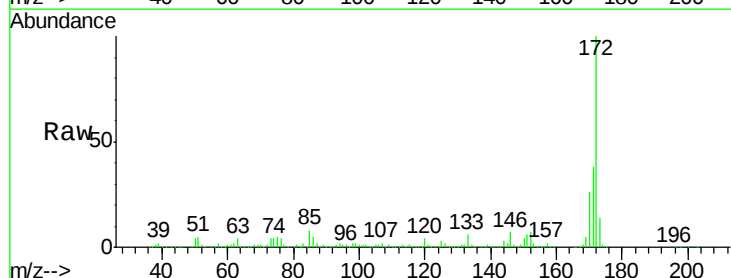
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:196 Resp: 373255
 Ion Ratio Lower Upper
 196 100
 198 101.1 79.0 118.6
 97 76.5 33.0 49.6#
 132 39.8 21.1 31.7#



#44
 2-Fluorobiphenyl
 Concen: 92.45 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion:172 Resp: 2183420
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 25.6 18.6 27.8





#45

1,1'-Biphenyl

Concen: 50.40 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

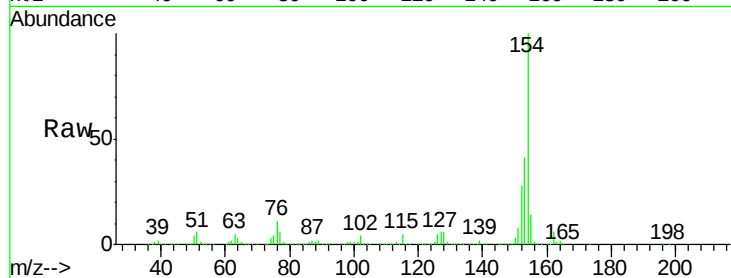
Tgt Ion:154 Resp: 1674411

Ion Ratio Lower Upper

154 100

153 41.4 21.6 61.6

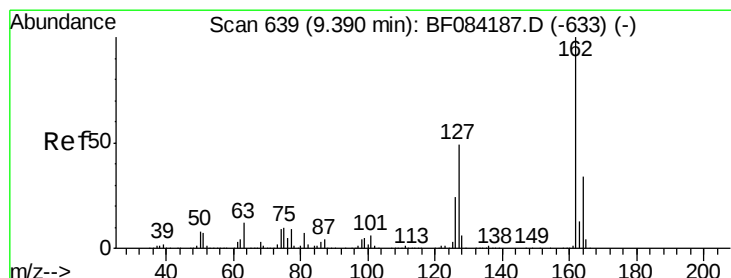
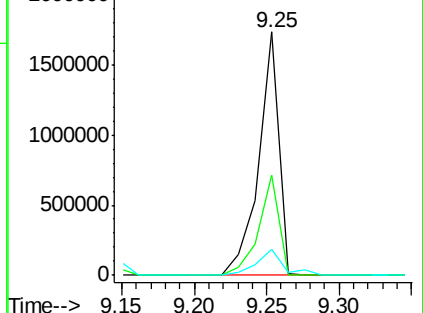
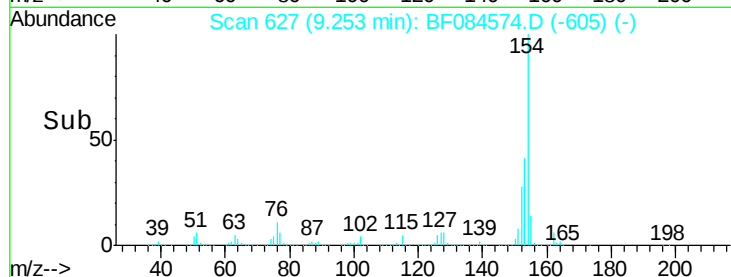
76 10.5 0.0 32.7



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: 48.17 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

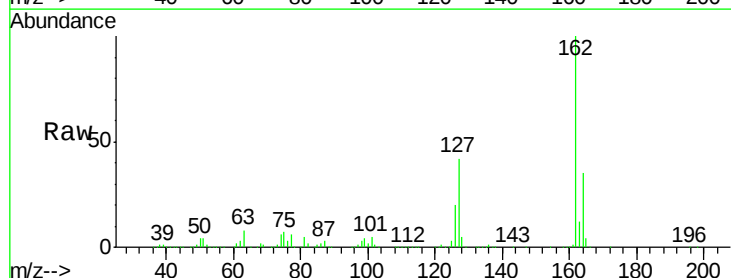
Tgt Ion:162 Resp: 1256856

Ion Ratio Lower Upper

162 100

127 42.1 40.2 60.4

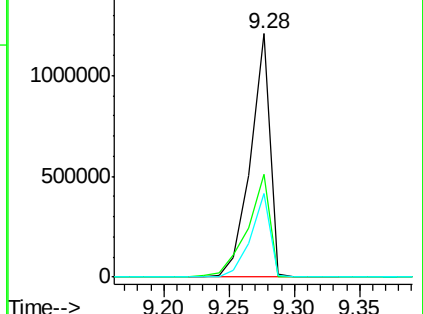
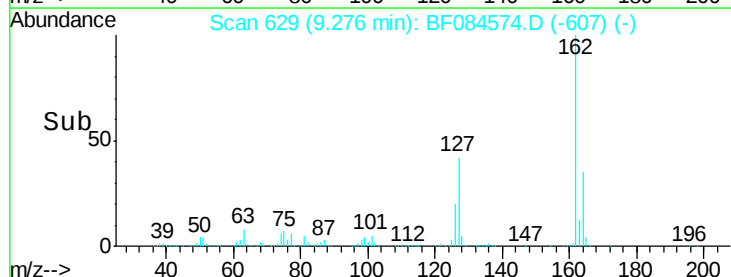
164 34.6 25.7 38.5

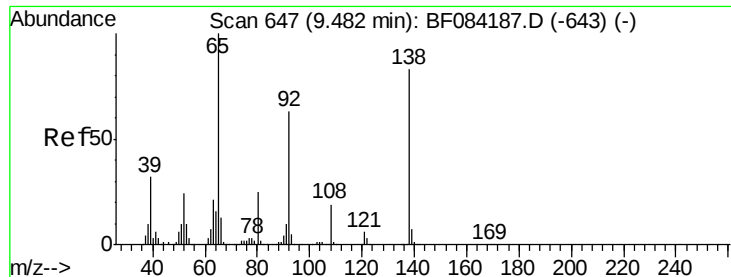


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

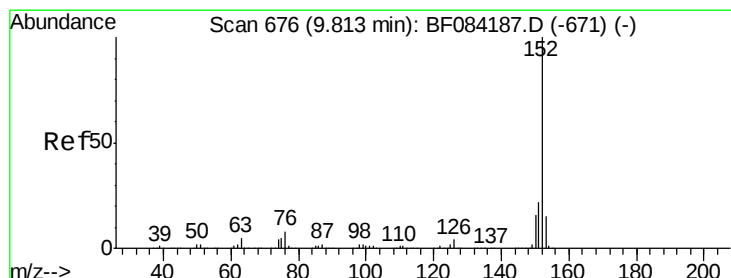
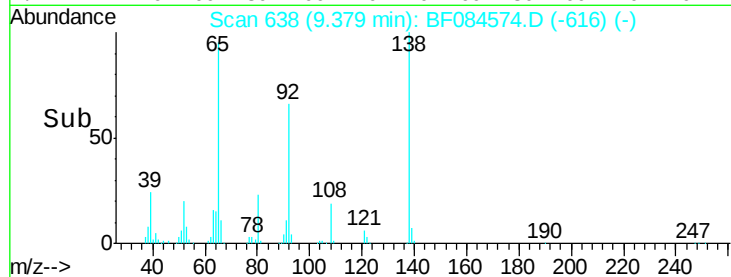
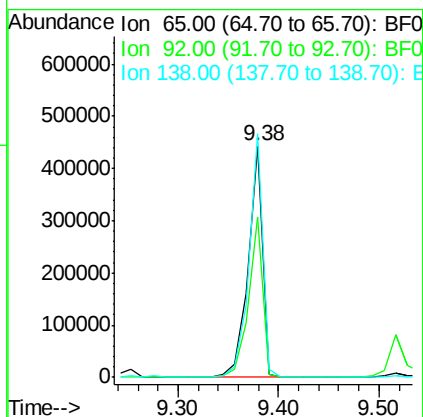
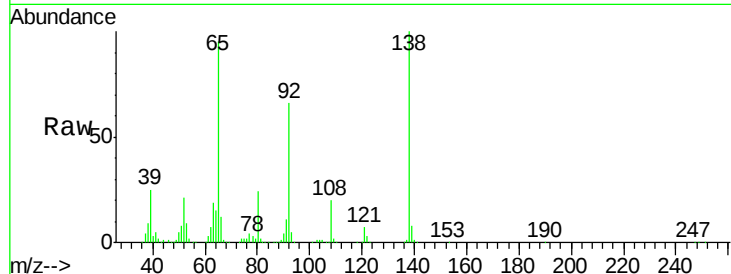




#47
 2-Nitroaniline
 Concen: 51.30 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

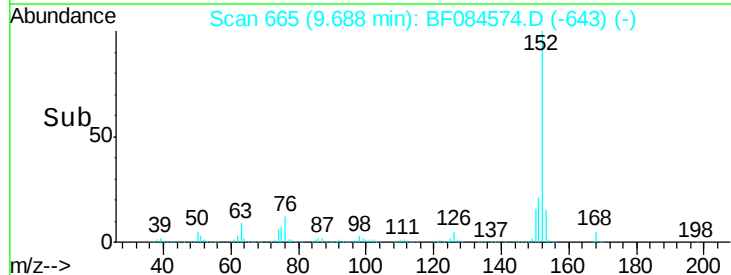
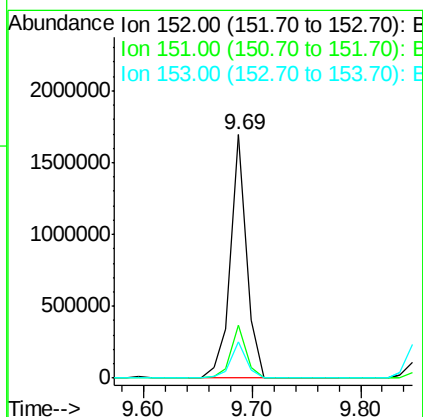
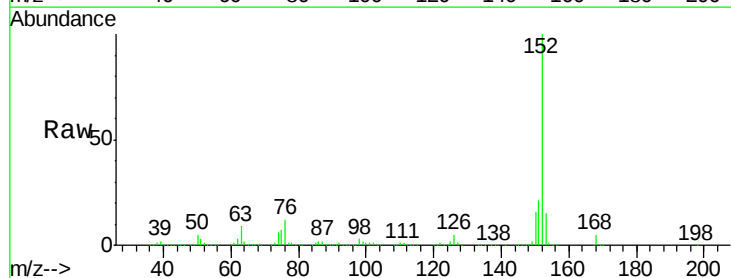
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion: 65 Resp: 441814
 Ion Ratio Lower Upper
 65 100
 92 69.3 53.4 80.2
 138 105.2 71.1 106.7



#48
 Acenaphthylene
 Concen: 44.73 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion: 152 Resp: 1724341
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.3 24.5
 153 15.0 10.4 15.6





#49

Dimethylphthalate

Concen: 46.15 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

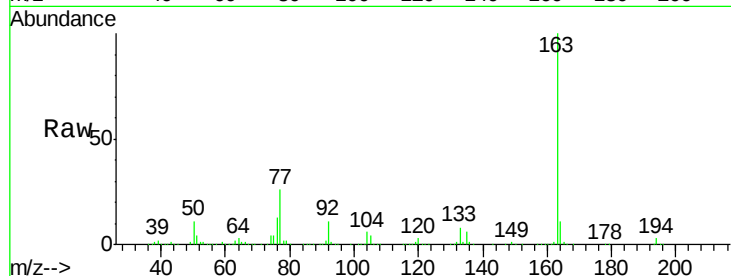
Tgt Ion:163 Resp: 1379026

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

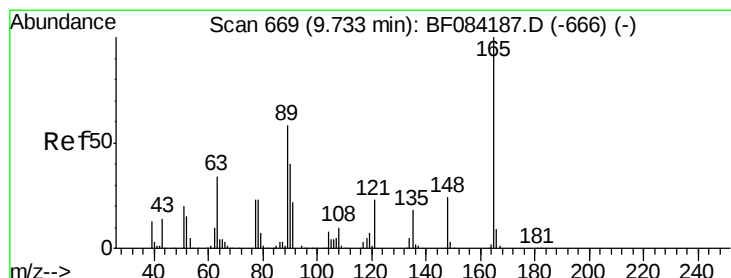
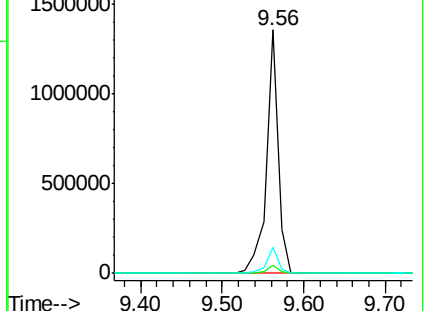
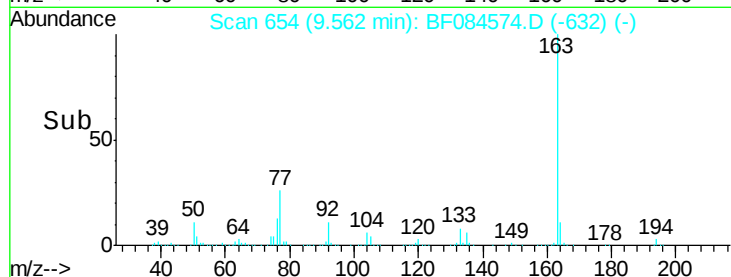
164 10.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.09 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

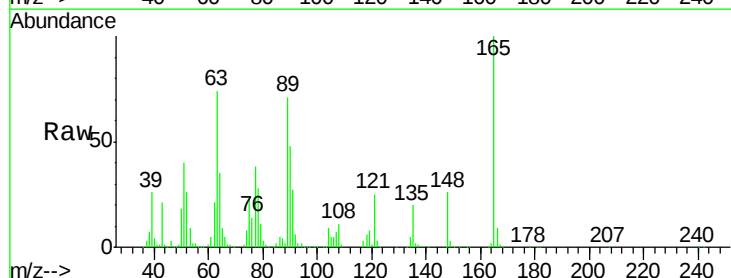
Tgt Ion:165 Resp: 295521

Ion Ratio Lower Upper

165 100

63 74.0 28.8 43.2#

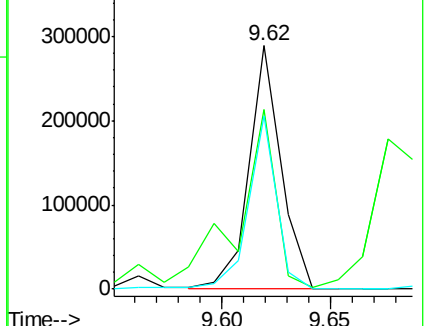
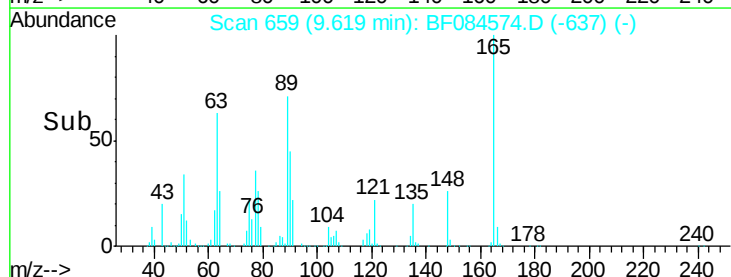
89 71.1 35.1 52.7#

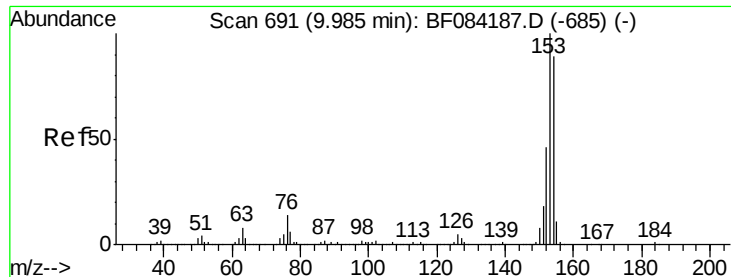


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.67 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

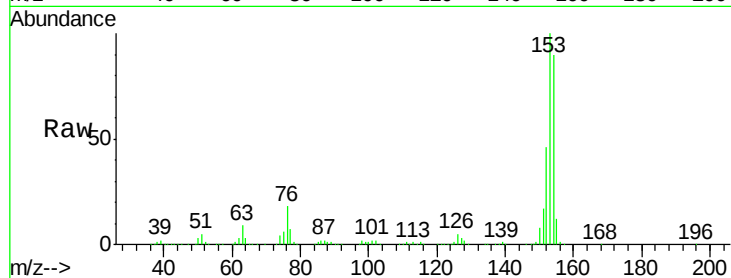
Tgt Ion:154 Resp: 1155228

Ion Ratio Lower Upper

154 100

153 111.4 91.5 137.3

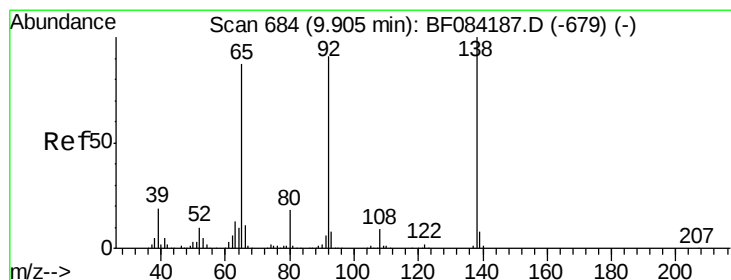
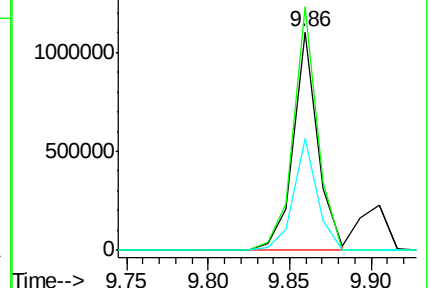
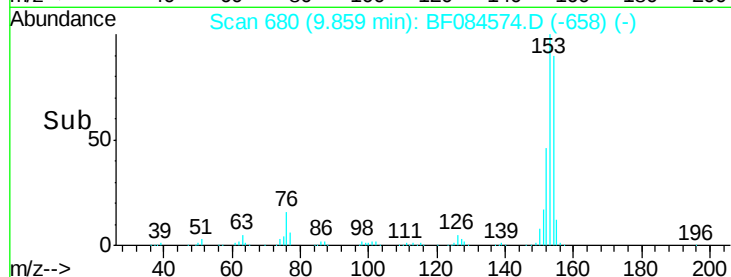
152 51.1 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.02 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

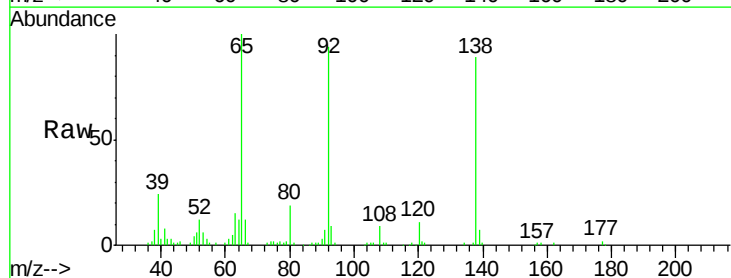
Tgt Ion:138 Resp: 81387

Ion Ratio Lower Upper

138 100

108 9.8 10.5 15.7#

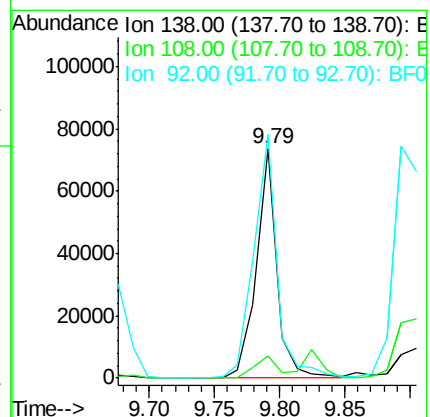
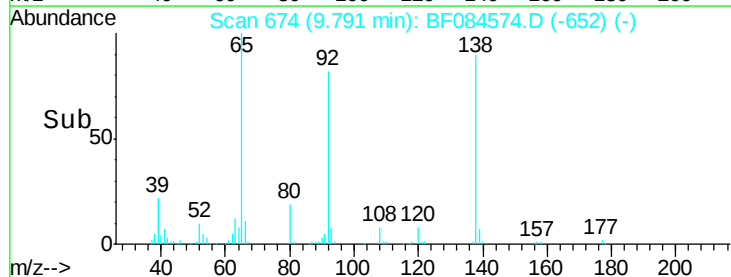
92 106.2 103.9 155.9



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

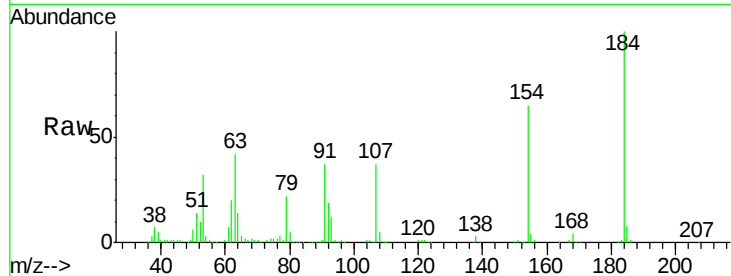




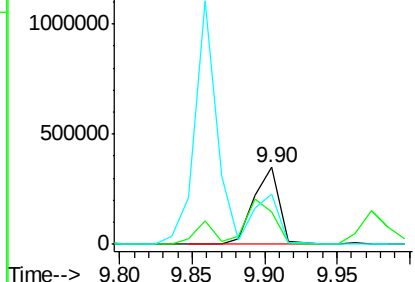
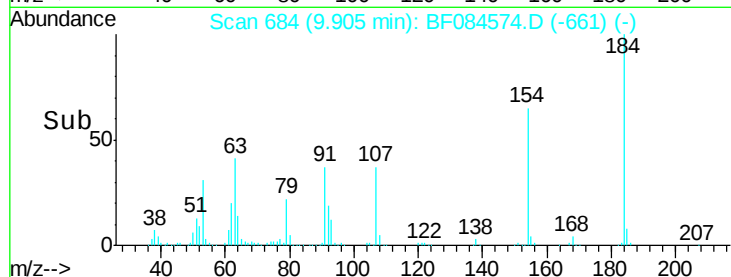
#53
2,4-Dinitrophenol
Concen: 150.23 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion:184 Resp: 428538
Ion Ratio Lower Upper
184 100
63 41.7 43.1 64.7#
154 65.2 60.5 90.7

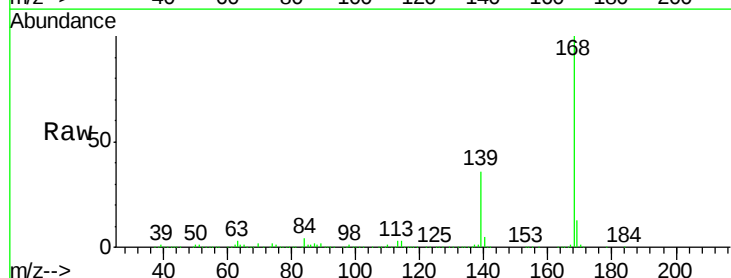


Abundance Ion 184.00 (183.70 to 184.70): E
1500000 Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

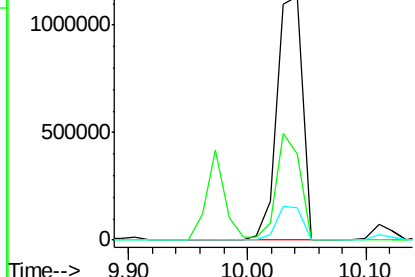
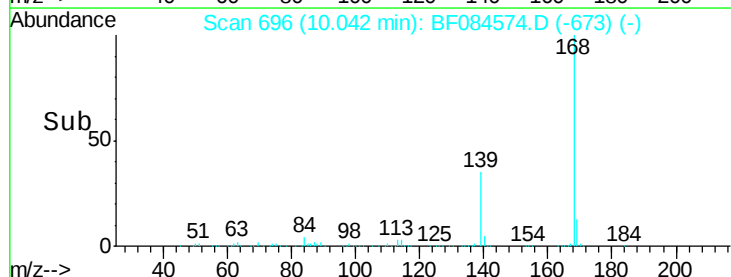


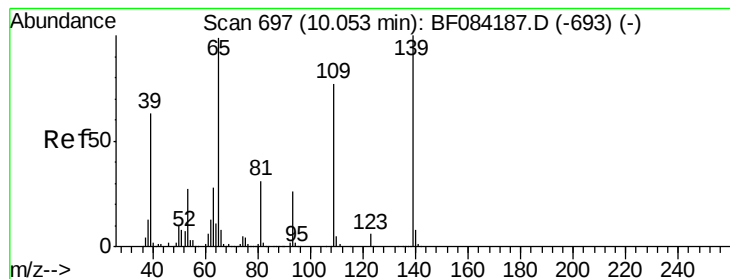
#54
Dibenzofuran
Concen: 50.29 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion:168 Resp: 1672697
Ion Ratio Lower Upper
168 100
139 35.6 30.5 45.7
169 13.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 76.28 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

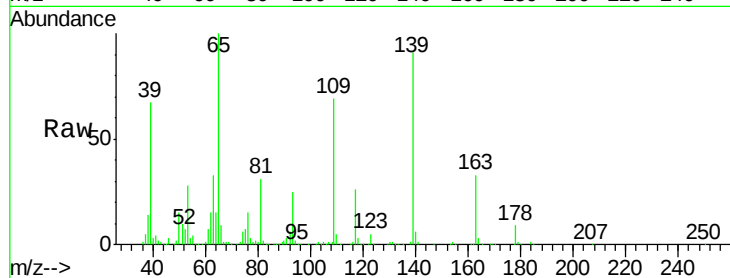
Tgt Ion:139 Resp: 449651

Ion Ratio Lower Upper

139 100

109 76.1 58.5 98.5

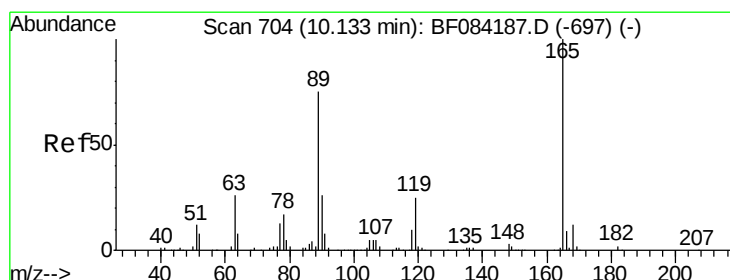
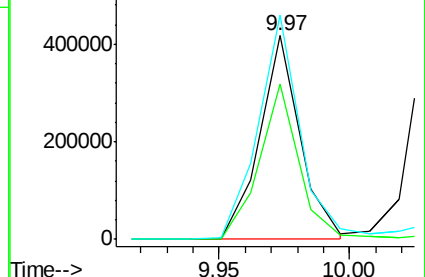
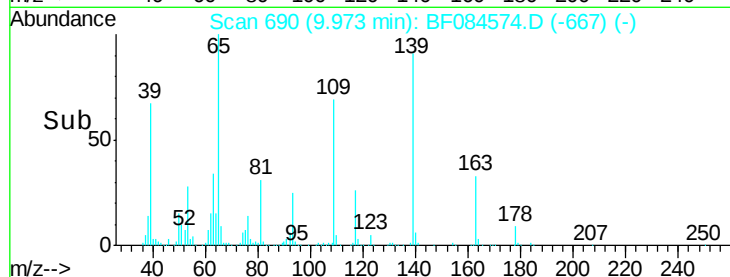
65 110.2 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 55.41 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:165 Resp: 459632

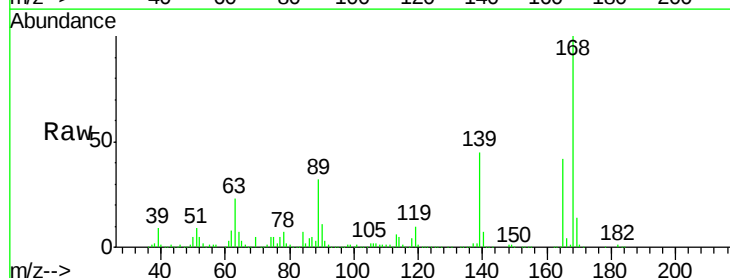
Ion Ratio Lower Upper

165 100

63 56.3 36.7 55.1#

89 77.4 61.9 92.9

182 2.3 2.0 3.0

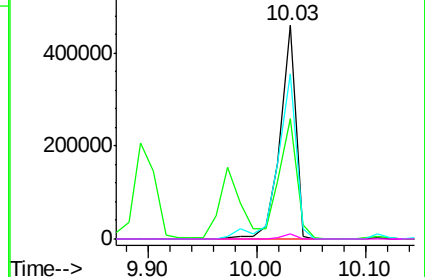
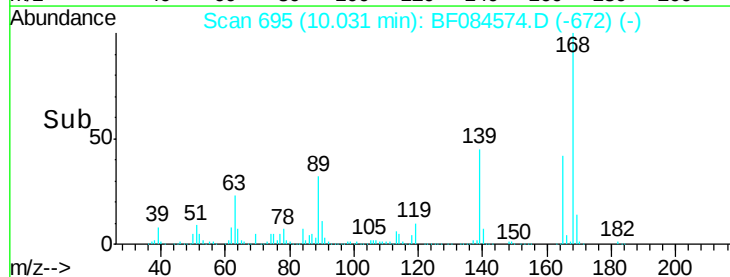


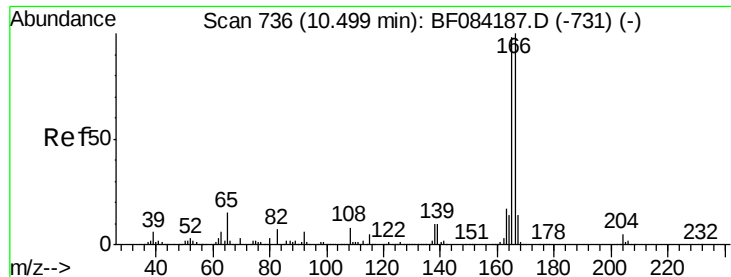
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

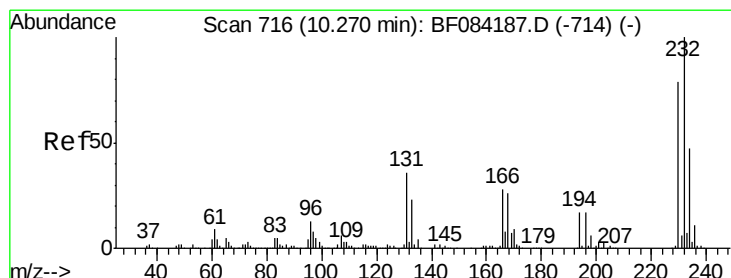
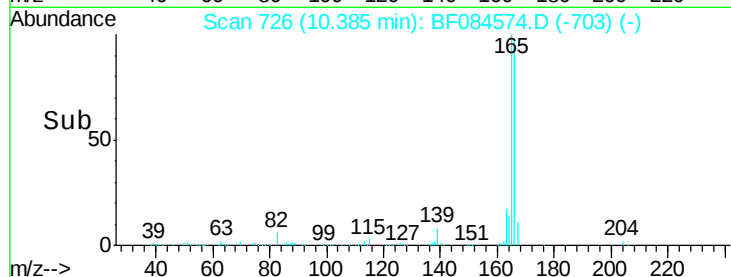
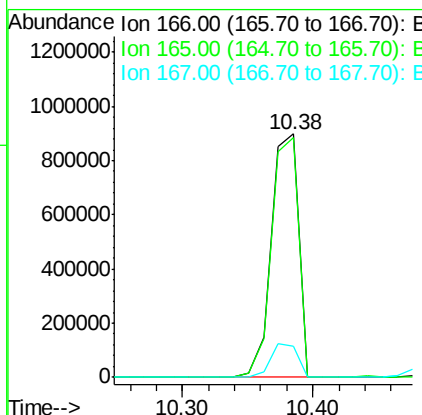
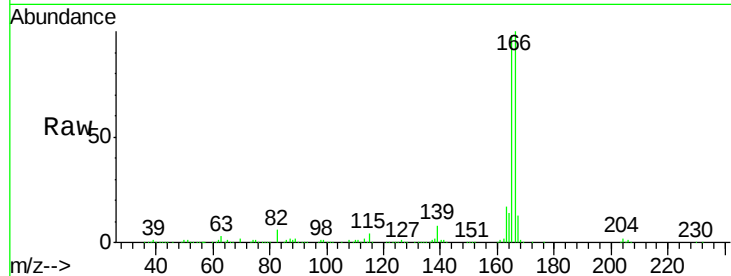




#57
 Fluorene
 Concen: 51.14 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

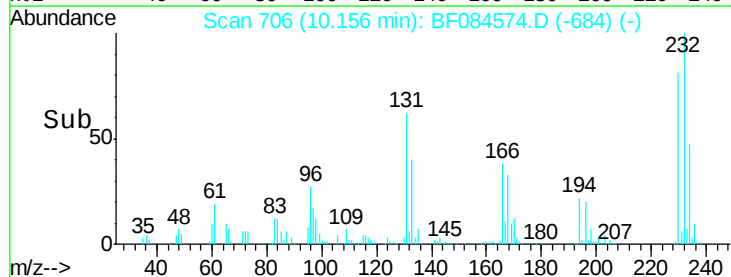
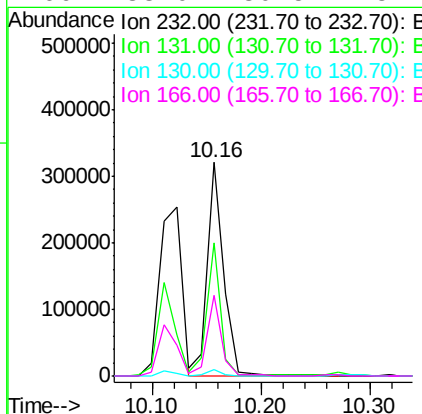
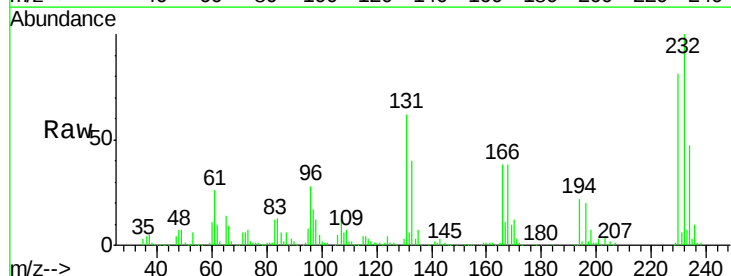
Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:166 Resp: 1316078
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.1 118.7
 167 13.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.53 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion:232 Resp: 335044
 Ion Ratio Lower Upper
 232 100
 131 53.2 47.0 70.6
 130 2.7 2.0 3.0
 166 33.0 30.5 45.7





#59

Diethylphthalate

Concen: 53.27 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

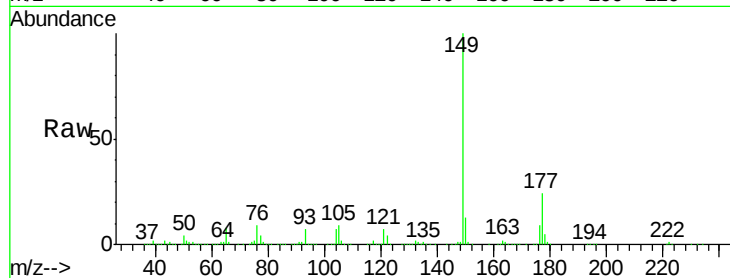
Tgt Ion:149 Resp: 1569582

Ion Ratio Lower Upper

149 100

177 24.1 17.3 25.9

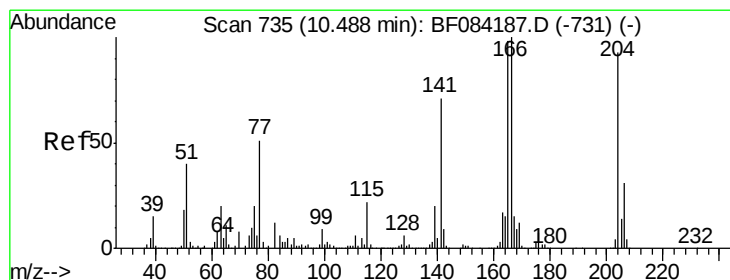
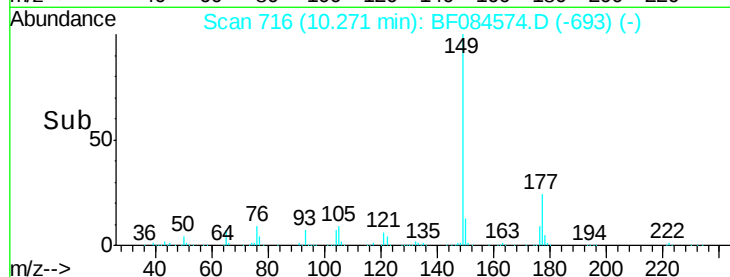
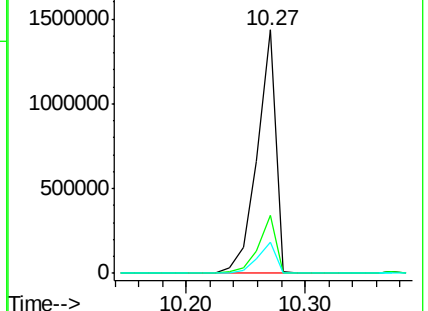
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 59.91 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

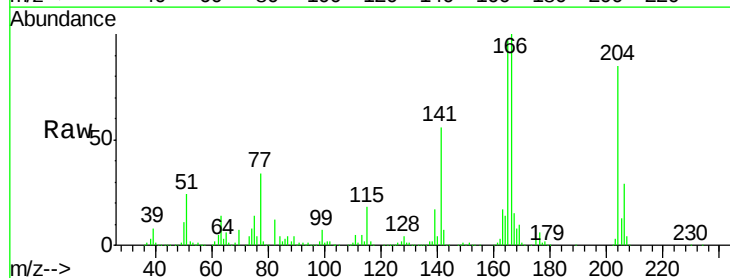
Tgt Ion:204 Resp: 626050

Ion Ratio Lower Upper

204 100

206 33.5 25.7 38.5

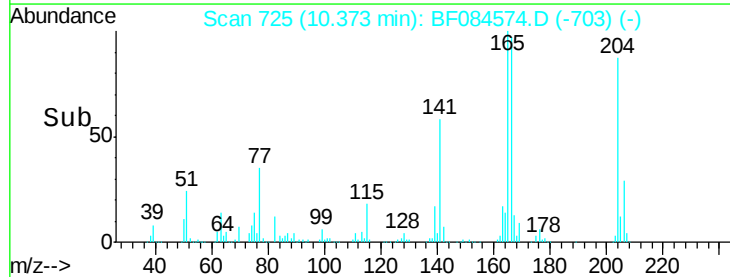
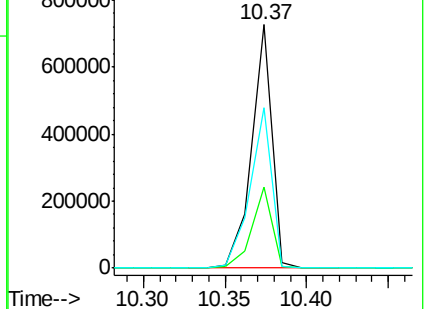
141 66.1 55.1 82.7

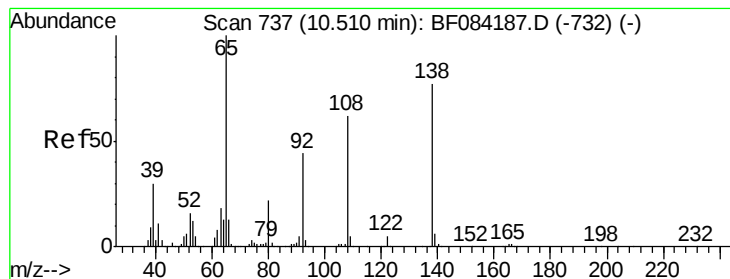


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.94 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

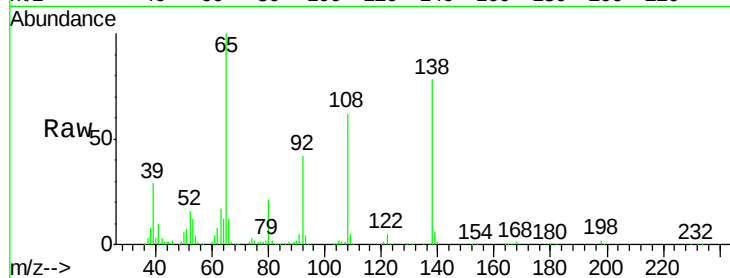
Tgt Ion:138 Resp: 296351

Ion Ratio Lower Upper

138 100

92 54.3 32.6 72.6

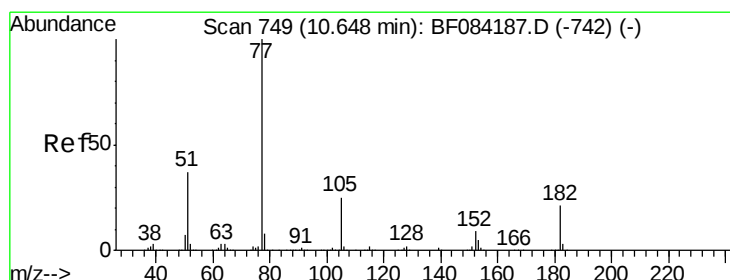
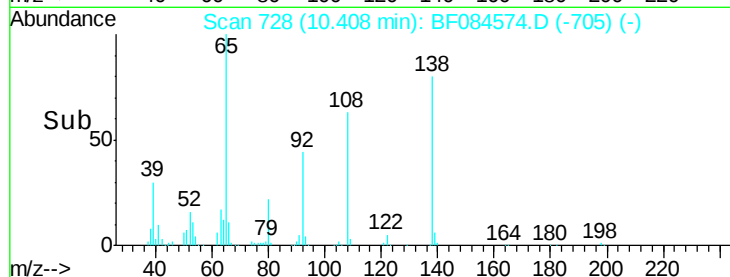
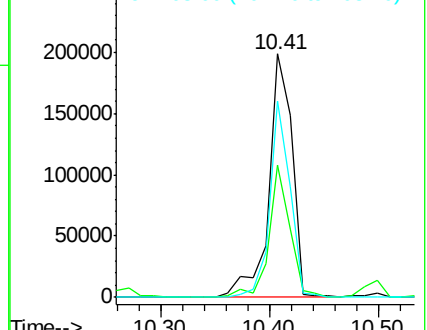
108 80.6 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.18 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion: 77 Resp: 1621445

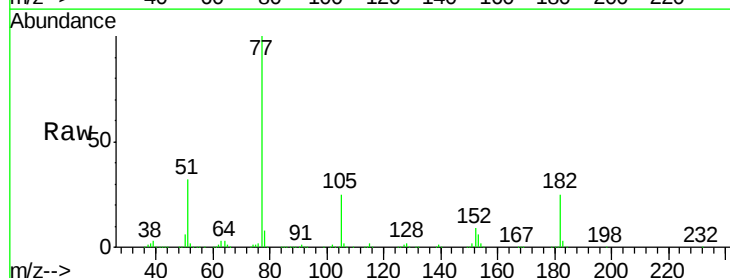
Ion Ratio Lower Upper

77 100

182 25.3 8.3 48.3

105 24.9 4.6 44.6

51 32.4 6.2 46.2

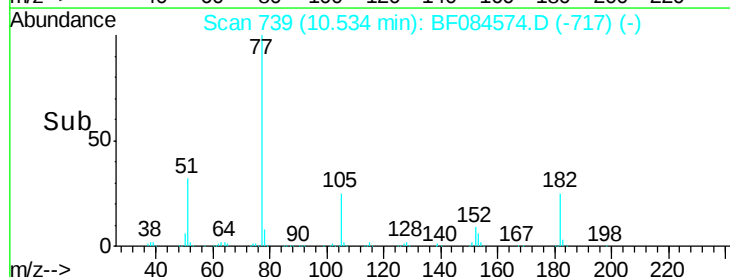
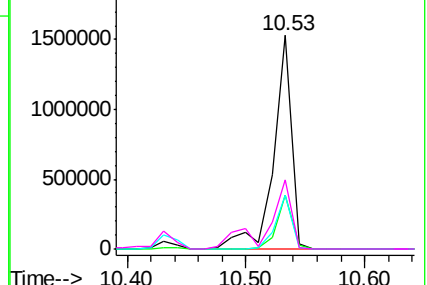


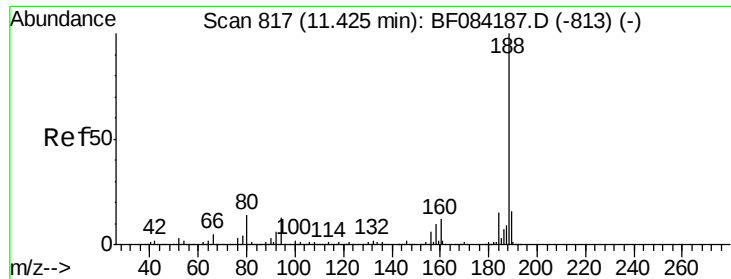
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

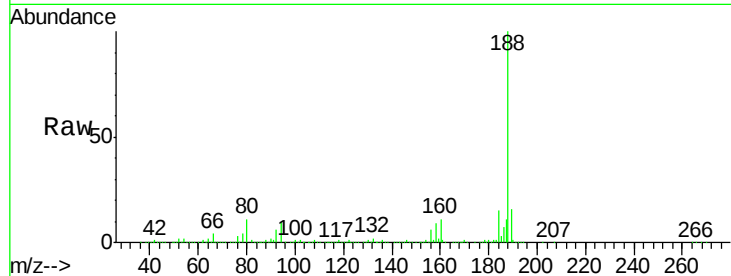




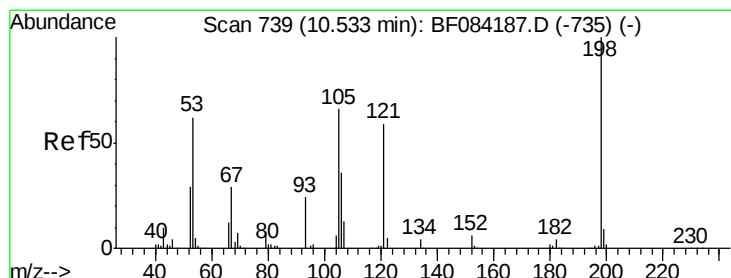
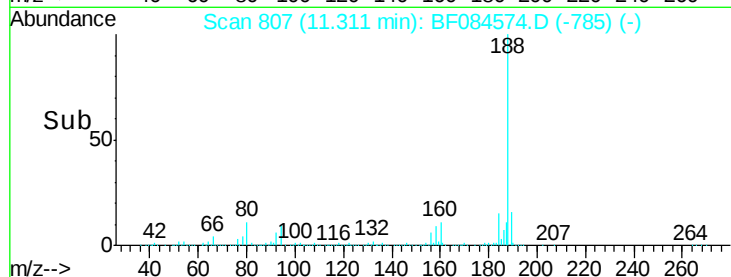
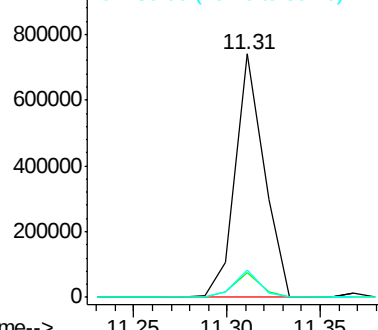
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion:188 Resp: 789265
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 11.3 9.6 14.4

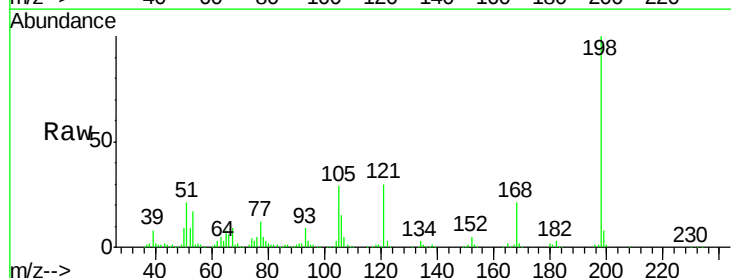


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

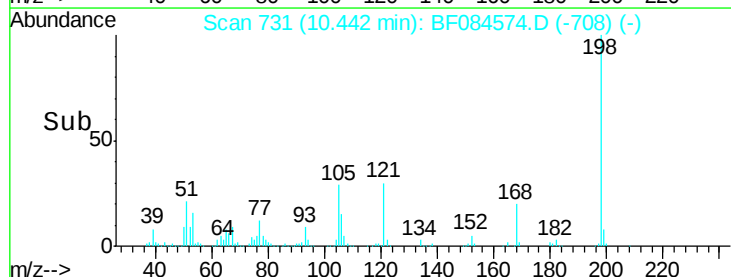
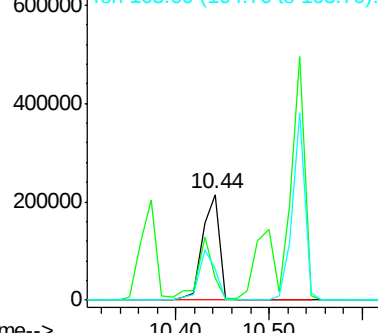


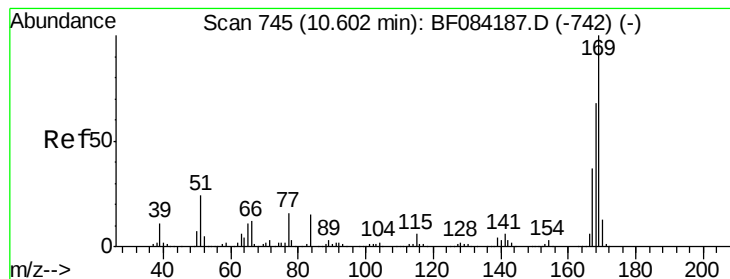
#64
4,6-Dinitro-2-methylphenol
Concen: 59.28 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion:198 Resp: 274942
Ion Ratio Lower Upper
198 100
51 20.8 18.9 58.9
105 29.3 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.55 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

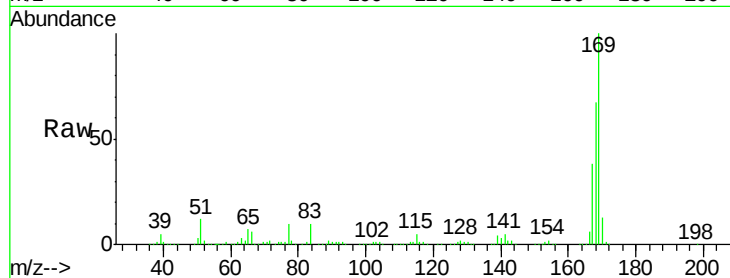
Tgt Ion:169 Resp: 1275738

Ion Ratio Lower Upper

169 100

168 67.4 55.1 82.7

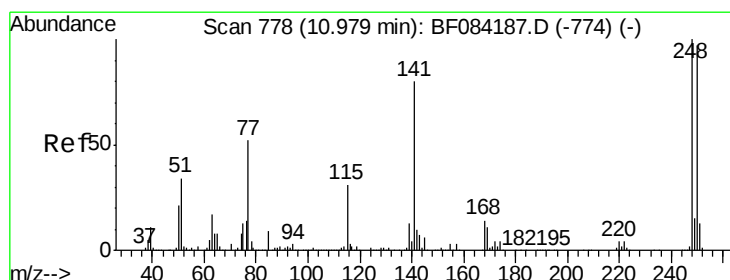
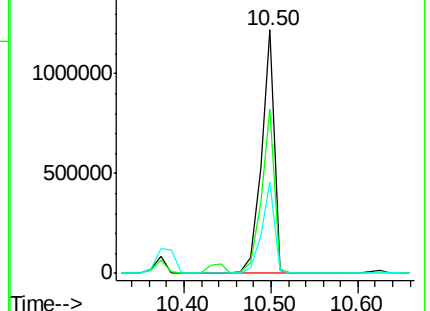
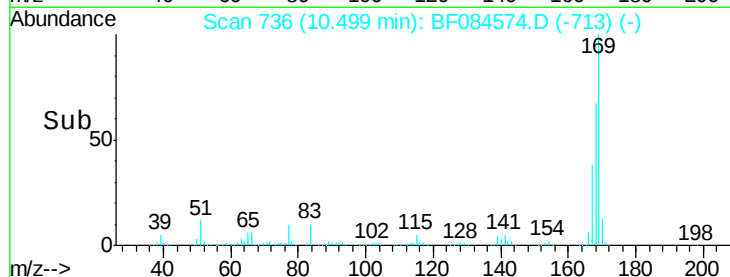
167 37.6 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.94 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

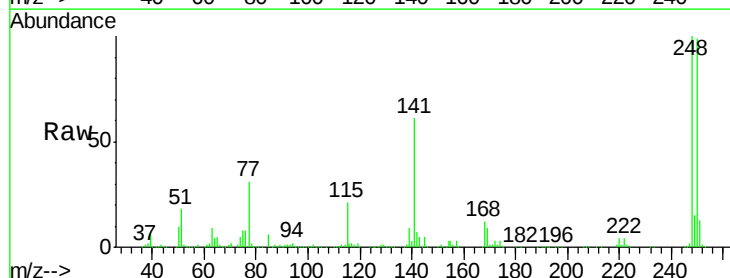
Tgt Ion:248 Resp: 432715

Ion Ratio Lower Upper

248 100

250 98.8 78.4 117.6

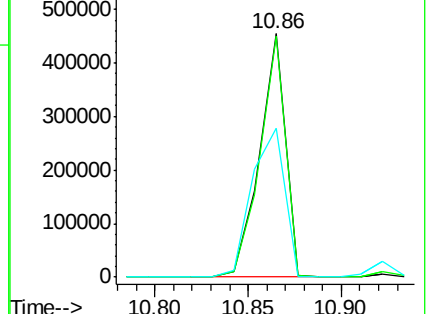
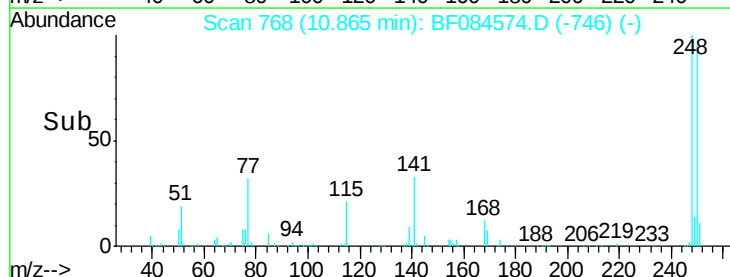
141 61.3 44.0 66.0

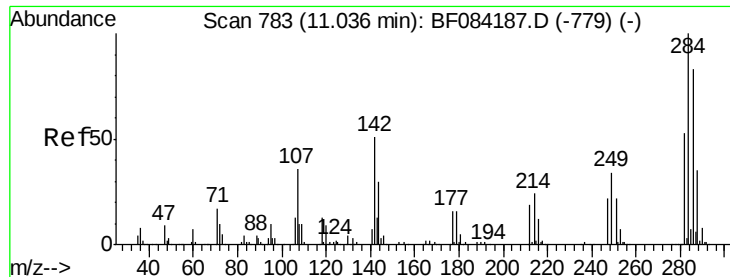


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

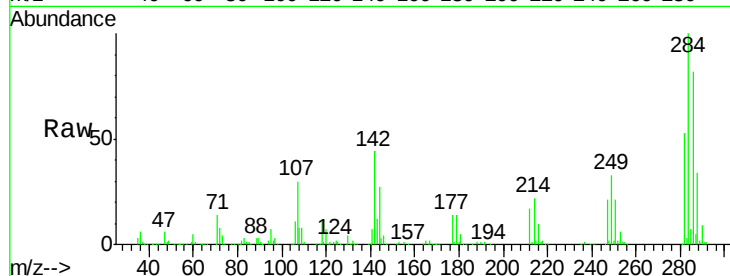




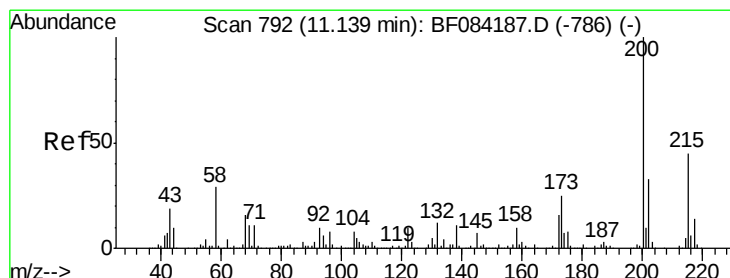
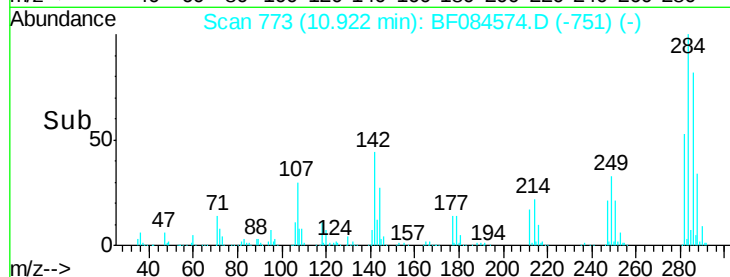
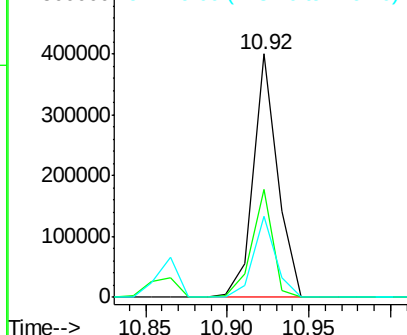
#67
Hexachlorobenzene
Concen: 43.13 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion:284 Resp: 412350
Ion Ratio Lower Upper
284 100
142 44.2 22.2 33.4#
249 33.2 24.6 37.0

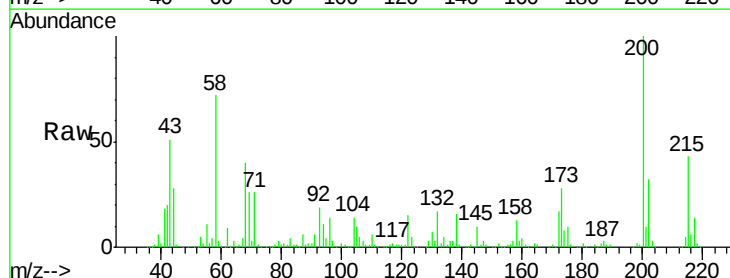


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

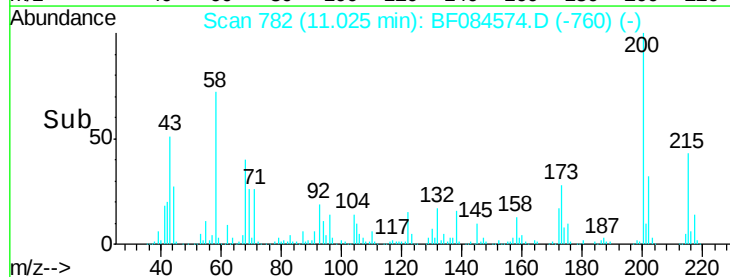
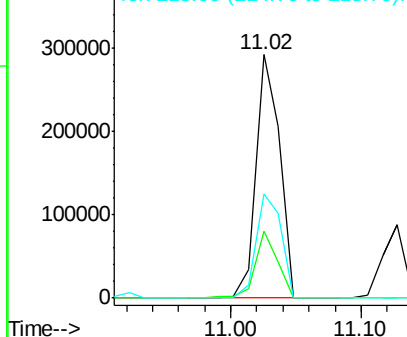


#68
Atrazine
Concen: 44.59 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion:200 Resp: 368266
Ion Ratio Lower Upper
200 100
173 27.8 9.5 49.5
215 42.9 23.8 63.8



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

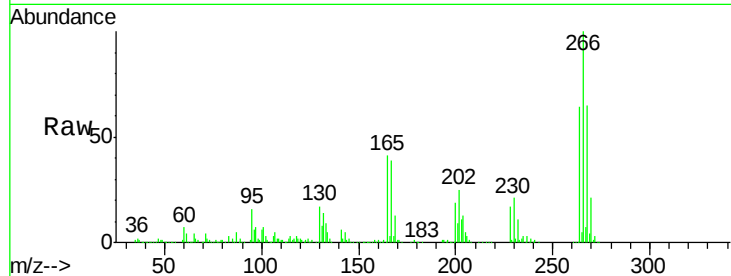




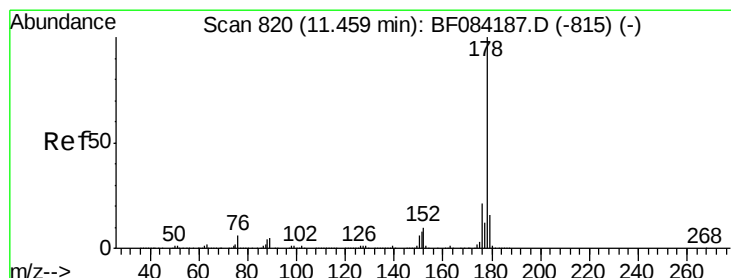
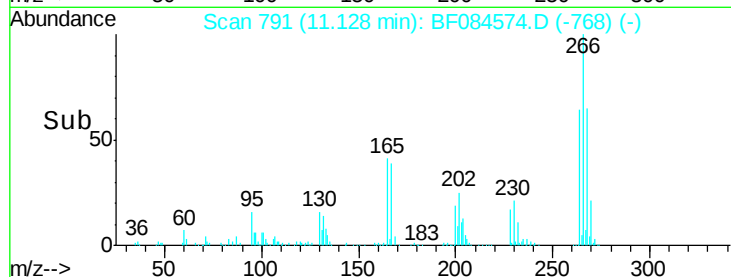
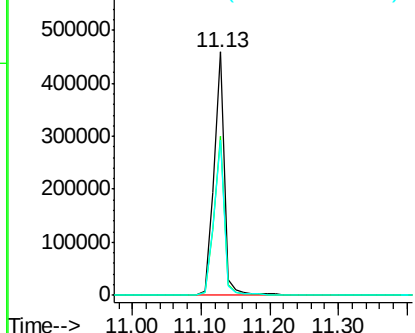
#69
 Pentachlorophenol
 Concen: 101.09 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tgt Ion:266 Resp: 501189
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.4 78.6
 264 63.8 50.2 75.2

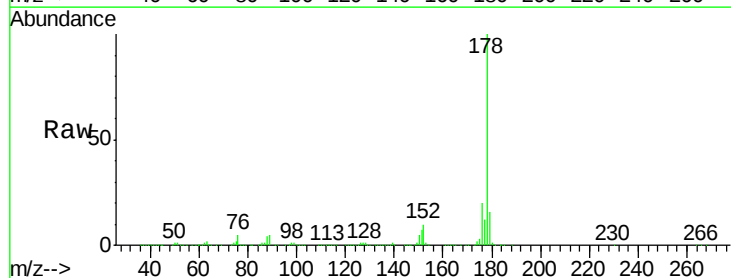


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

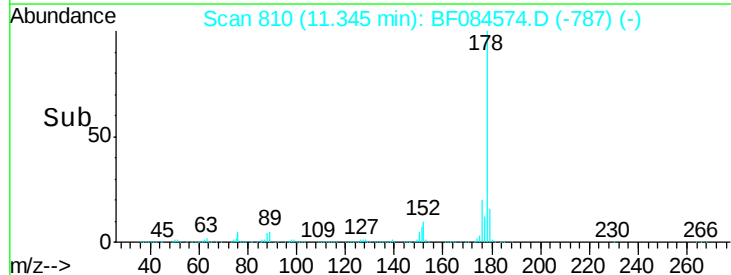
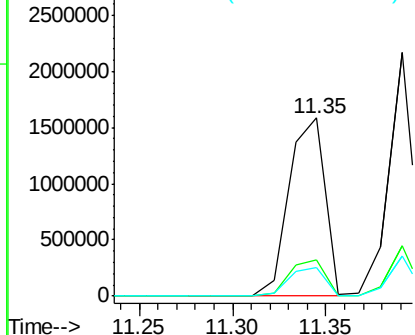


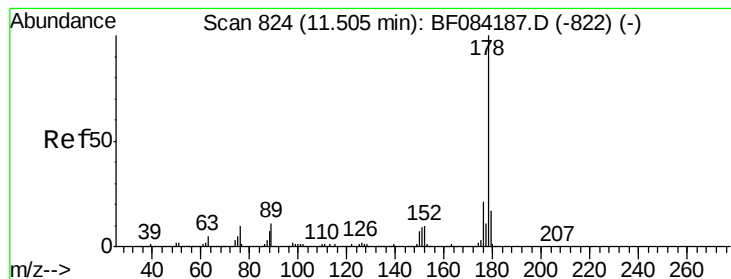
#70
 Phenanthrene
 Concen: 51.63 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion:178 Resp: 2131339
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.3 22.9
 179 15.8 12.0 18.0



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





#71

Anthracene

Concen: 47.94 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

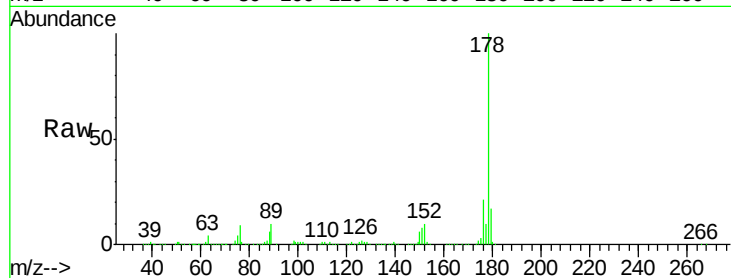
Tgt Ion:178 Resp: 1940314

Ion Ratio Lower Upper

178 100

176 20.7 15.4 23.0

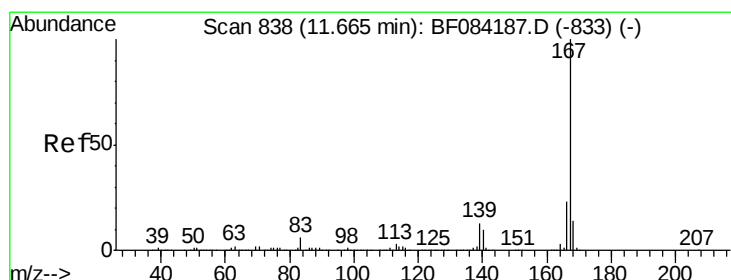
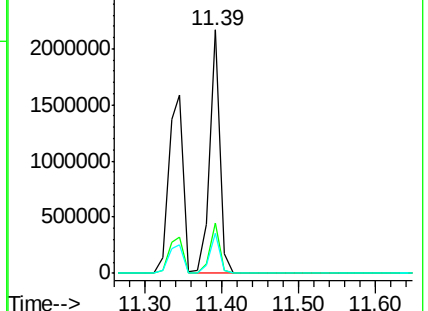
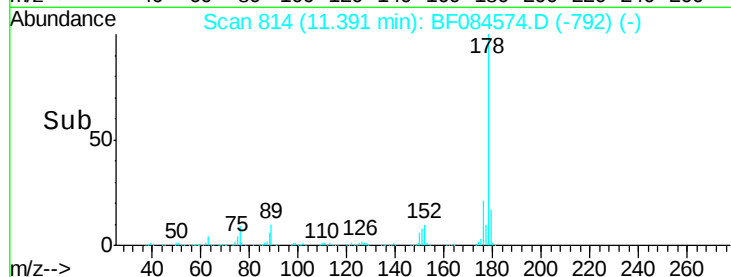
179 16.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.65 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

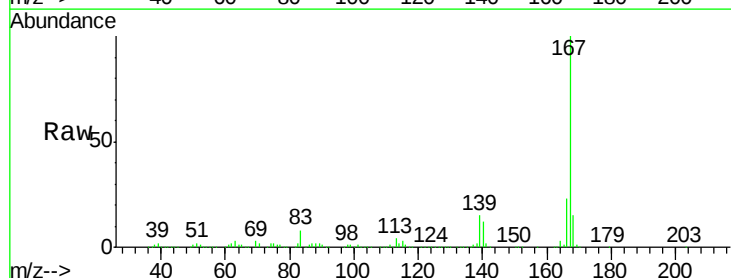
Tgt Ion:167 Resp: 1845497

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

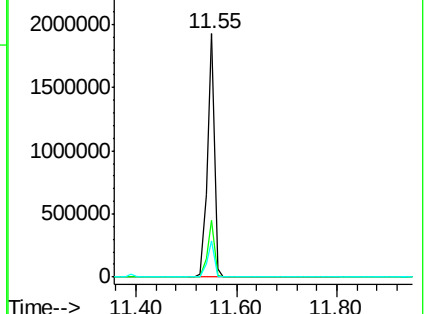
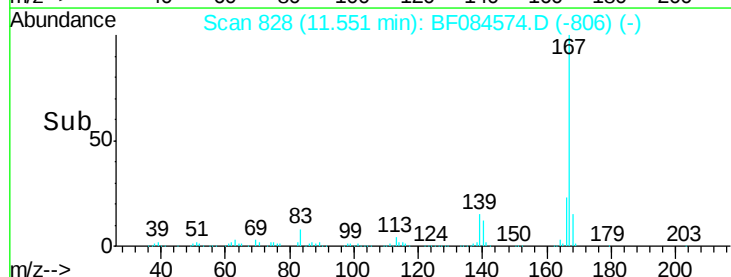
139 15.0 11.8 17.8

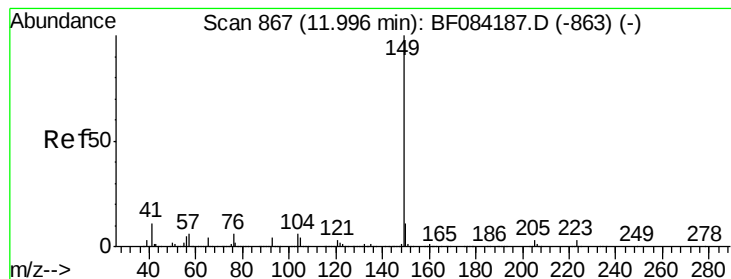


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.69 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

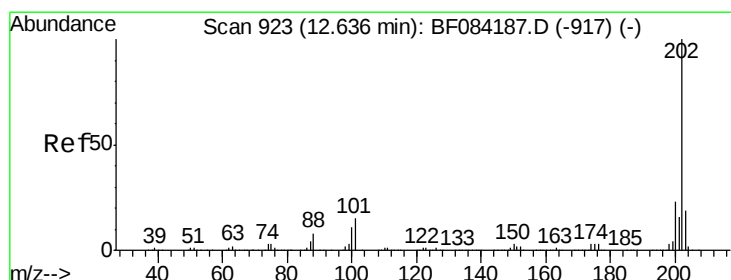
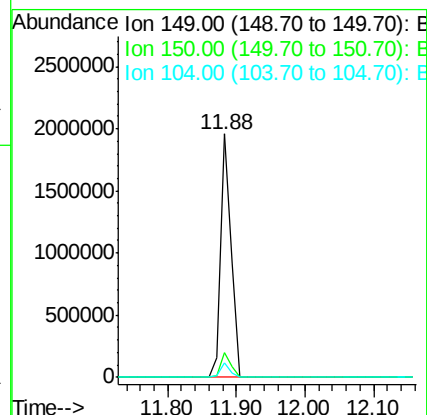
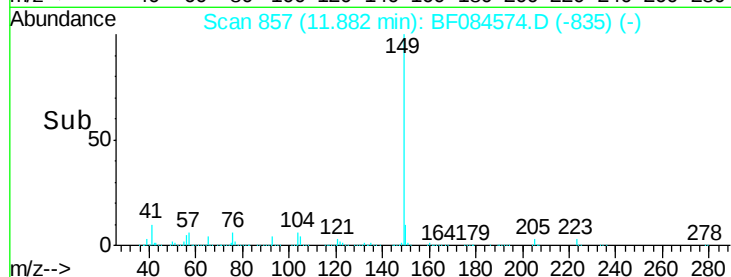
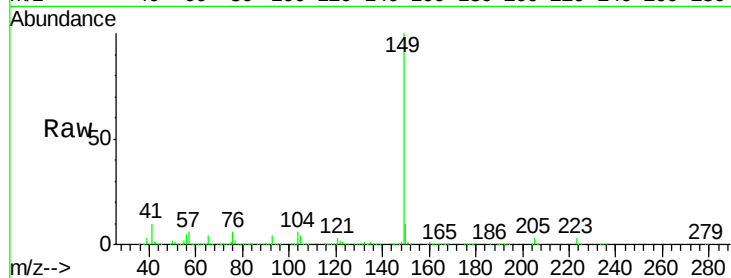
Tgt Ion:149 Resp: 2094305

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

104 6.1 3.2 4.8#



#74

Fluoranthene

Concen: 44.77 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

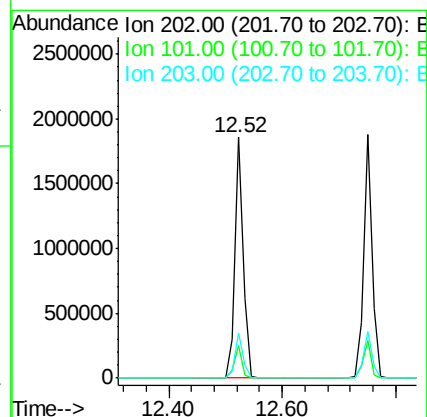
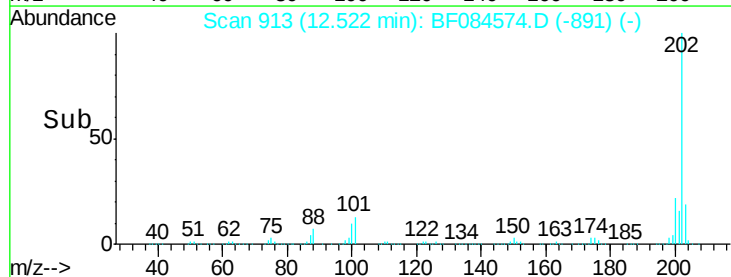
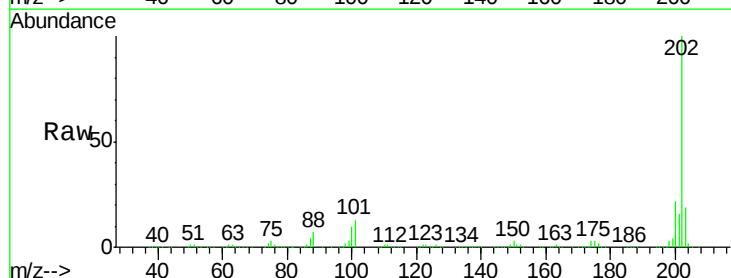
Tgt Ion:202 Resp: 1930922

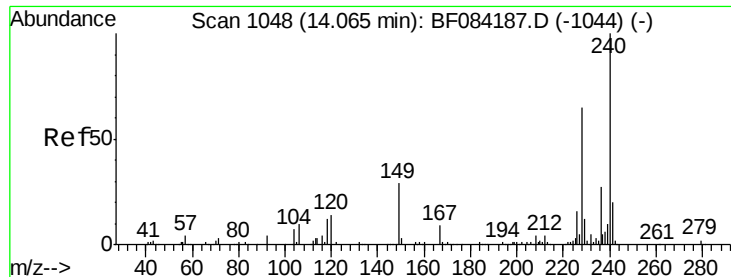
Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.8

203 18.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

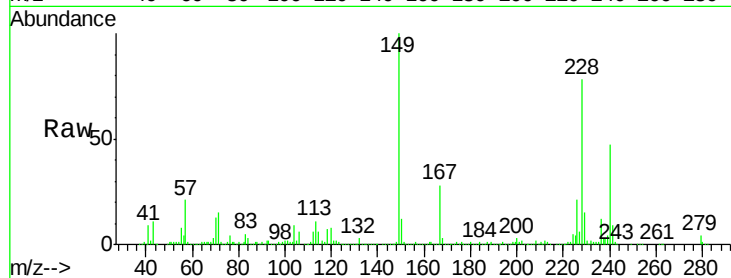
Tgt Ion:240 Resp: 583266

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

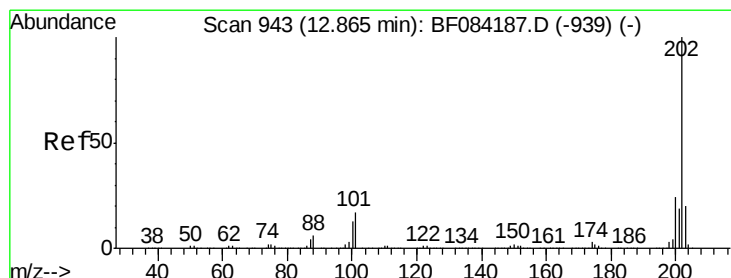
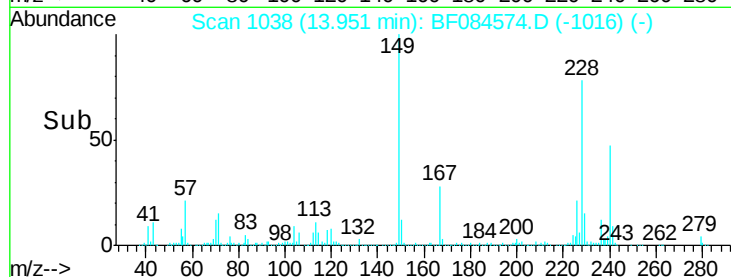
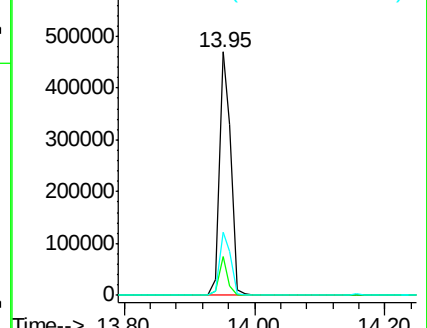
236 25.9 20.6 31.0



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: 43.08 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

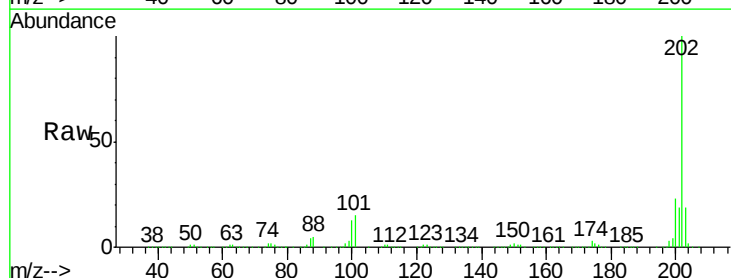
Tgt Ion:202 Resp: 1972013

Ion Ratio Lower Upper

202 100

200 23.2 17.2 25.8

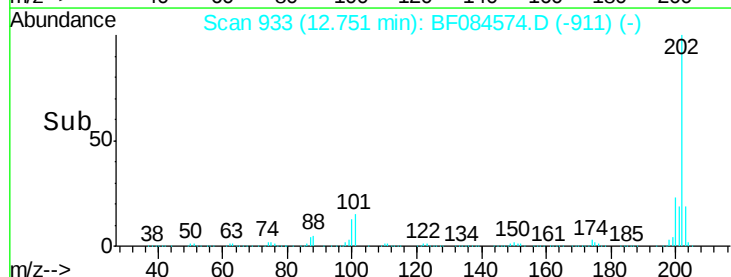
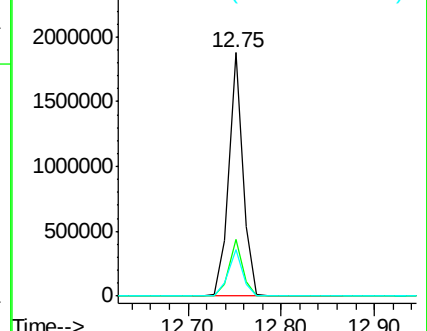
203 19.1 14.3 21.5

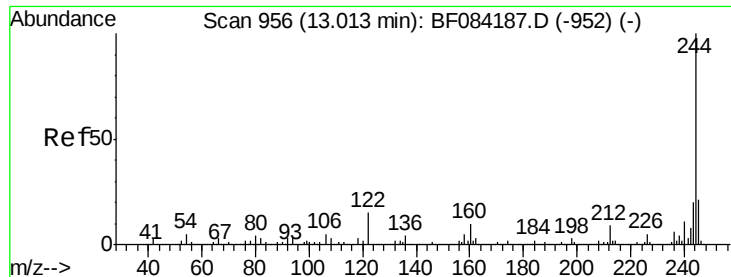


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.92 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

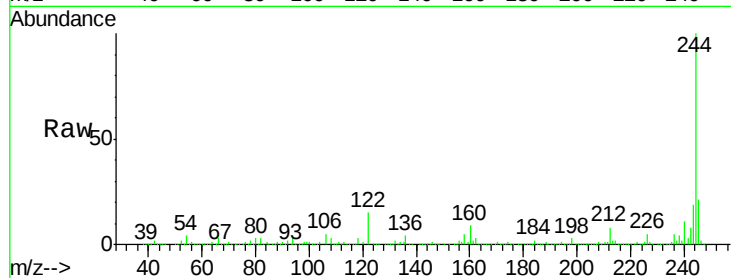
Tgt Ion:244 Resp: 2454054

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

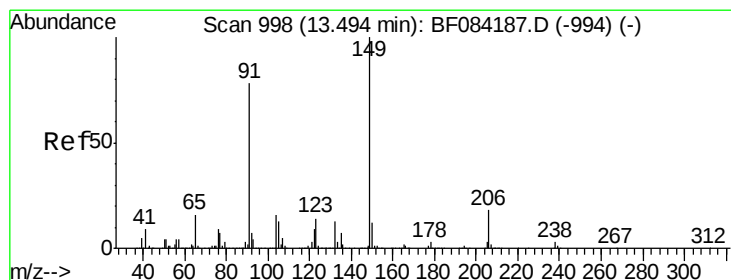
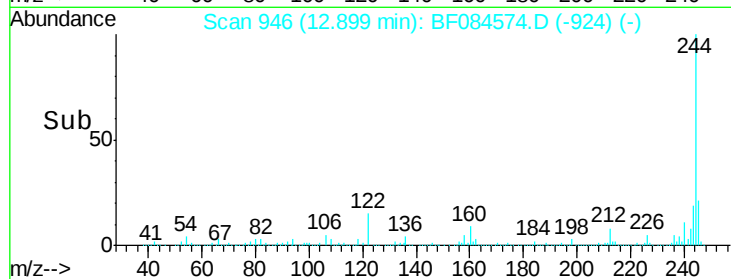
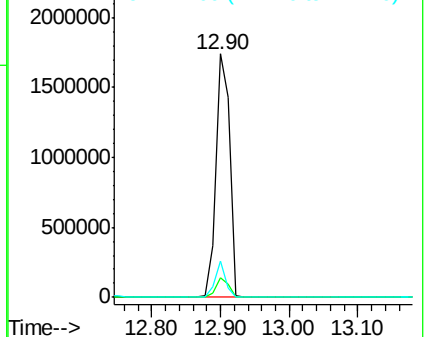
122 14.9 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.90 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

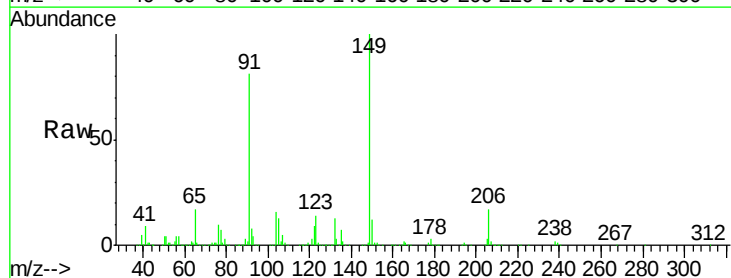
Tgt Ion:149 Resp: 948730

Ion Ratio Lower Upper

149 100

91 81.5 57.6 86.4

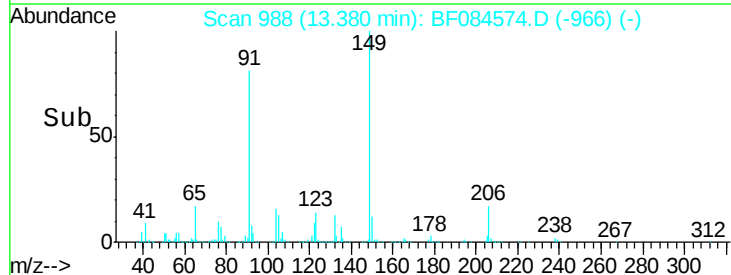
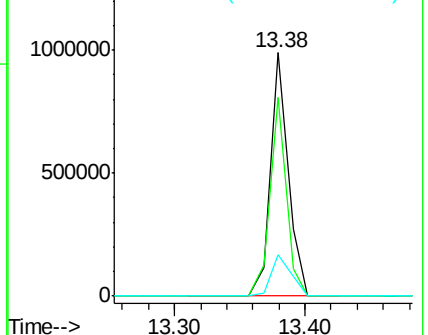
206 17.2 13.2 19.8

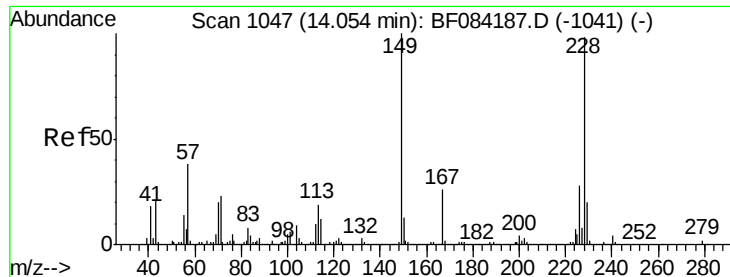


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 49.79 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

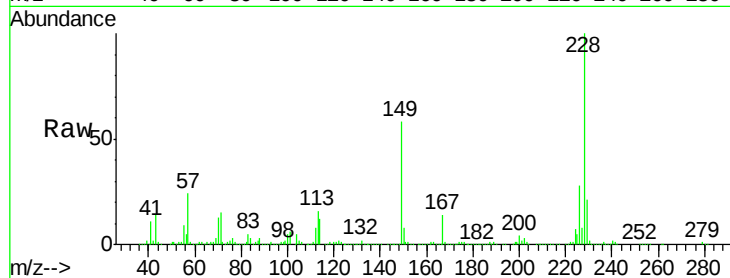
Tgt Ion:228 Resp: 1705288

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

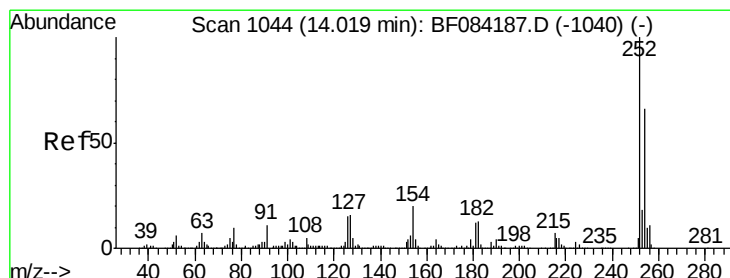
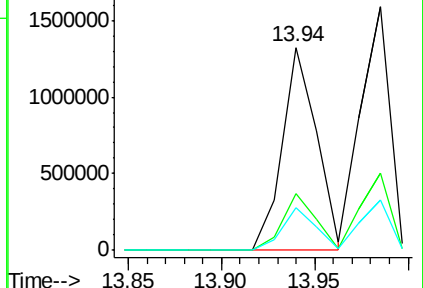
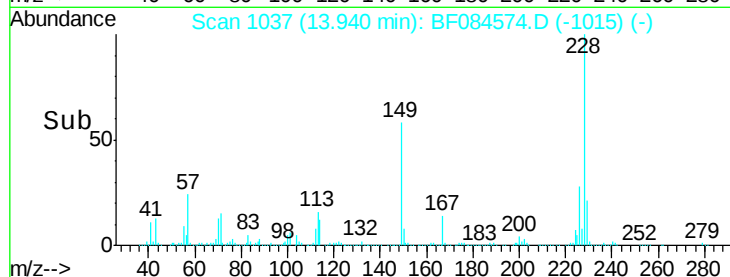
229 21.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 27.16 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

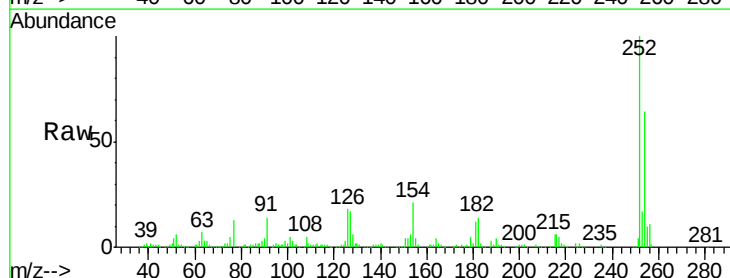
Tgt Ion:252 Resp: 324685

Ion Ratio Lower Upper

252 100

254 64.1 53.5 80.3

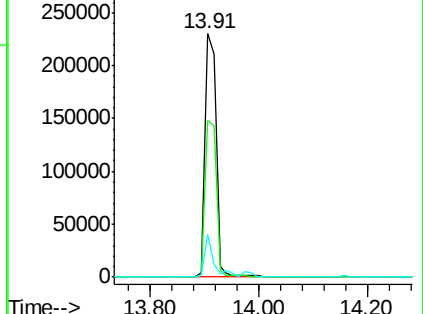
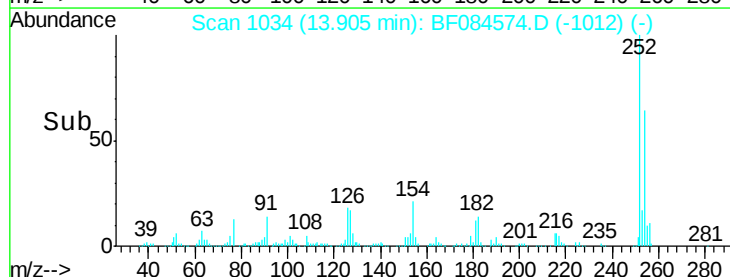
126 17.6 4.9 7.3#

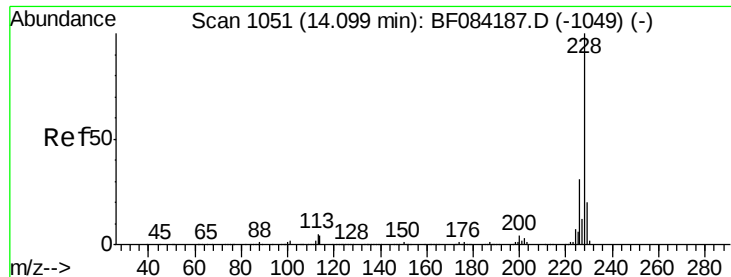


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.51 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

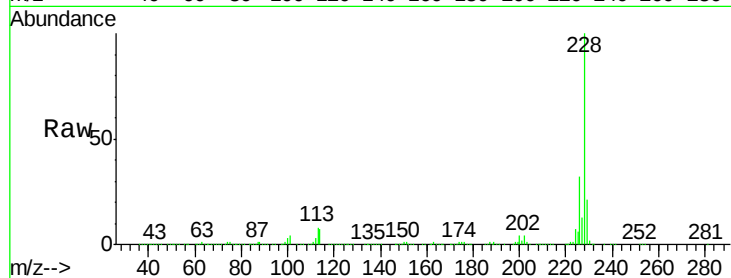
Tgt Ion:228 Resp: 1728038

Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

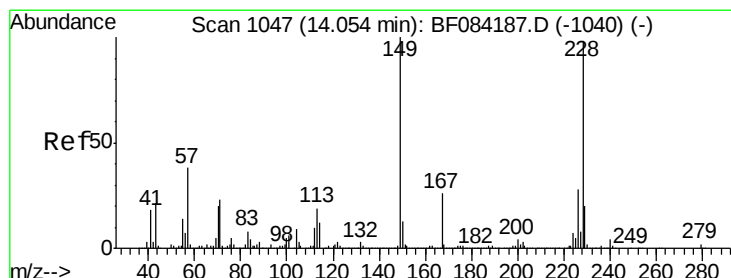
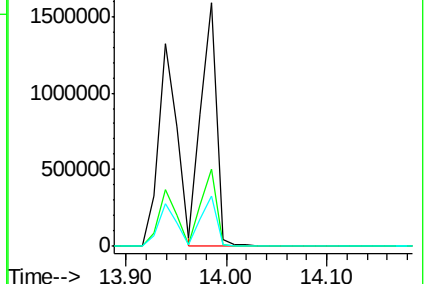
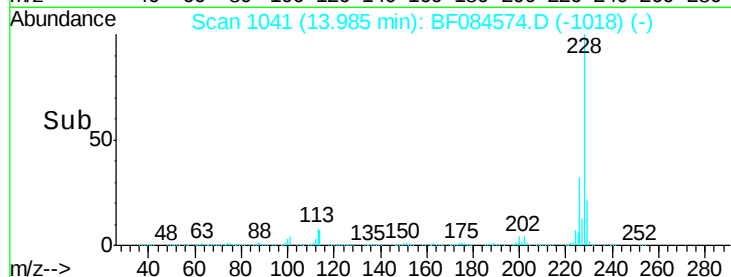
229 20.6 16.1 24.1



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: 50.05 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

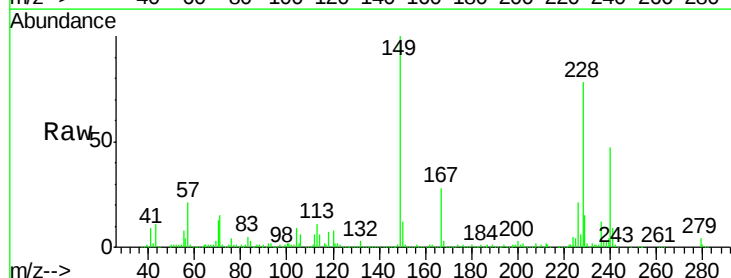
Tgt Ion:149 Resp: 1252378

Ion Ratio Lower Upper

149 100

167 27.6 19.7 29.5

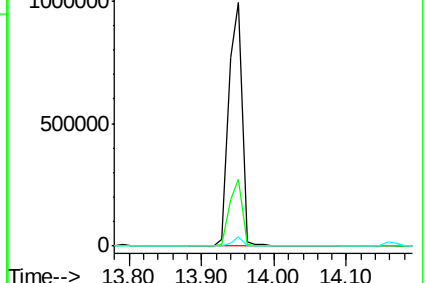
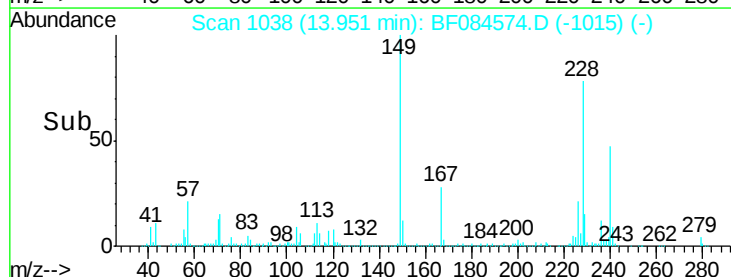
279 4.0 1.8 2.6#

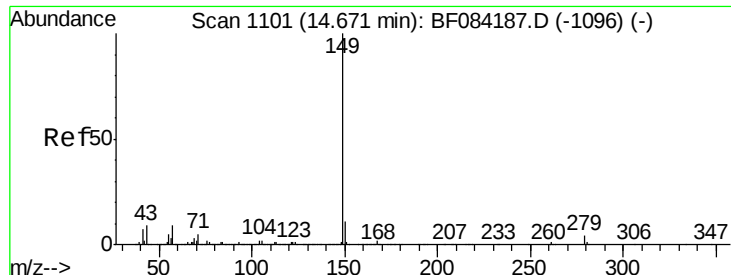


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.02 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

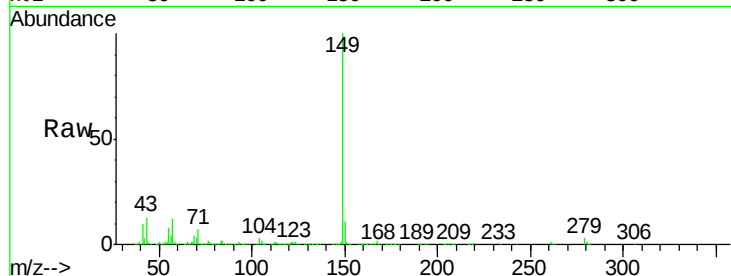
Tgt Ion:149 Resp: 2070780

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

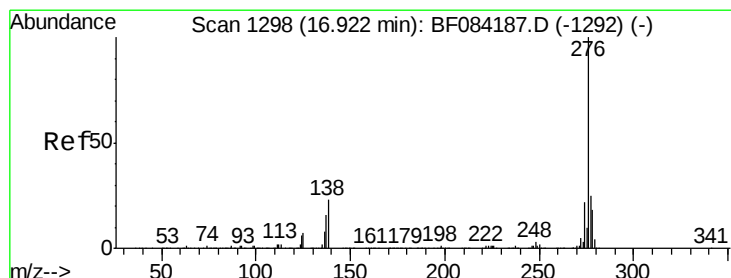
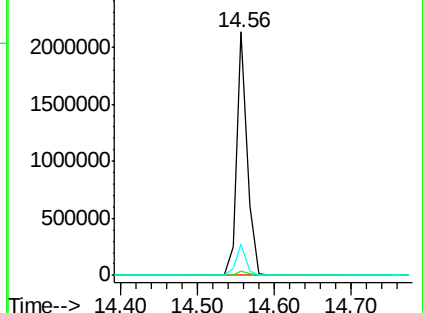
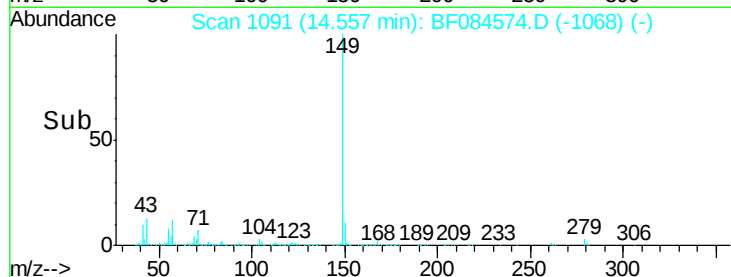
43 12.2 5.6 8.4#



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: 51.87 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.07 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

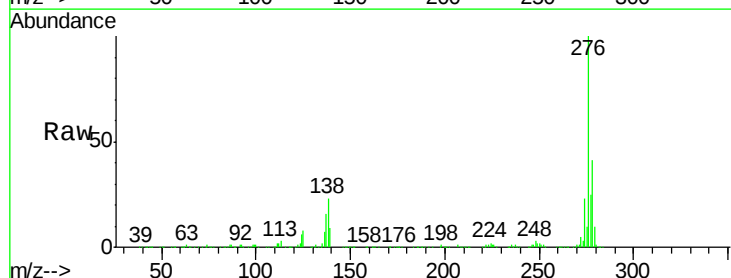
Tgt Ion:276 Resp: 1353173

Ion Ratio Lower Upper

276 100

138 25.8 20.6 30.8

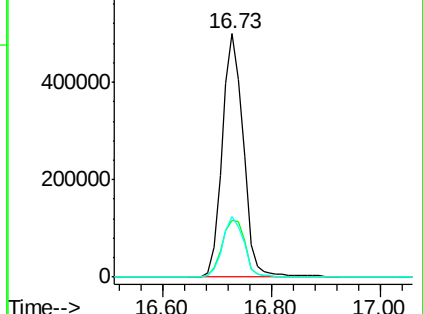
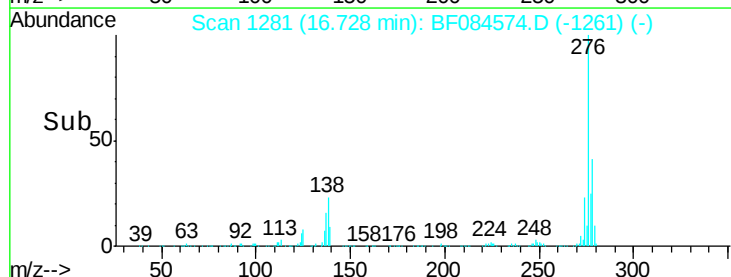
277 25.4 20.1 30.1

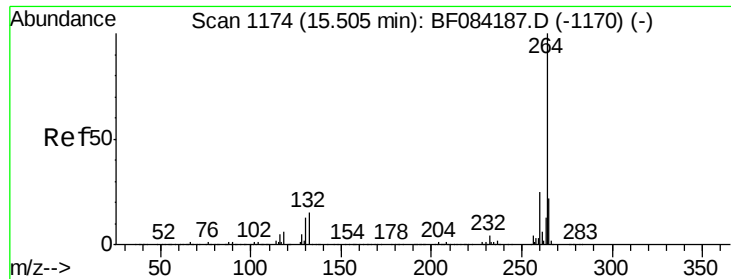


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

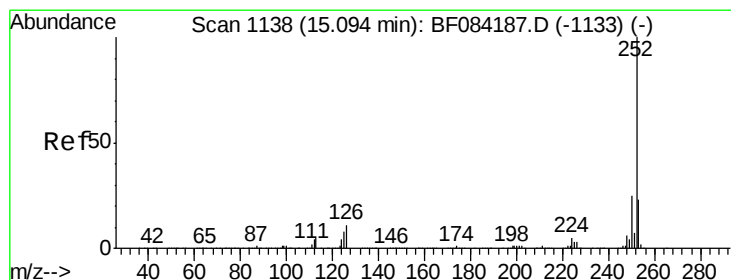
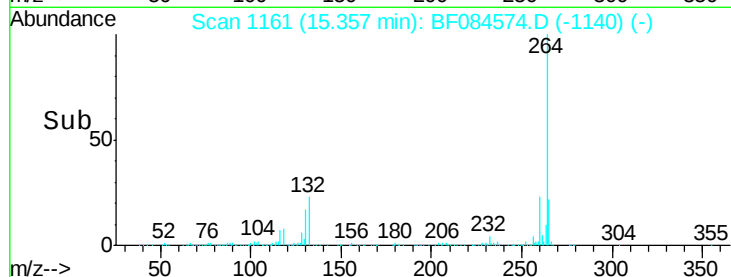
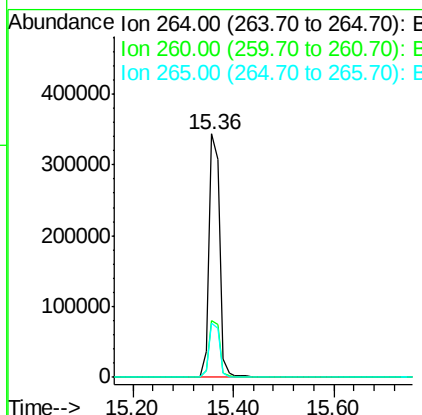
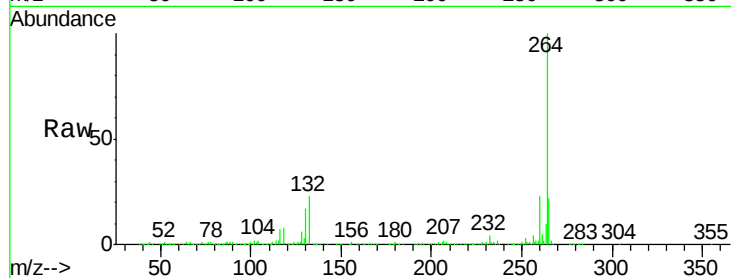




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

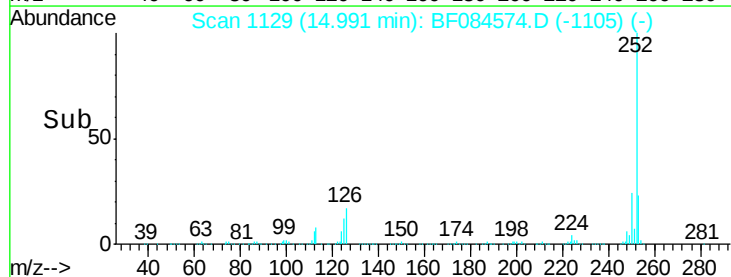
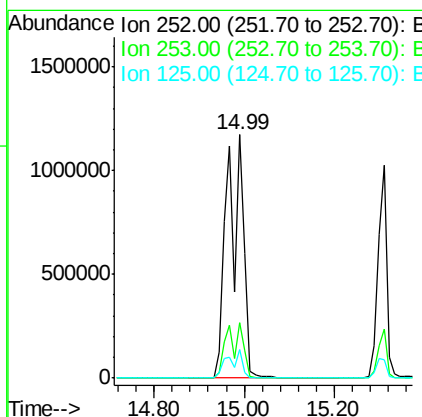
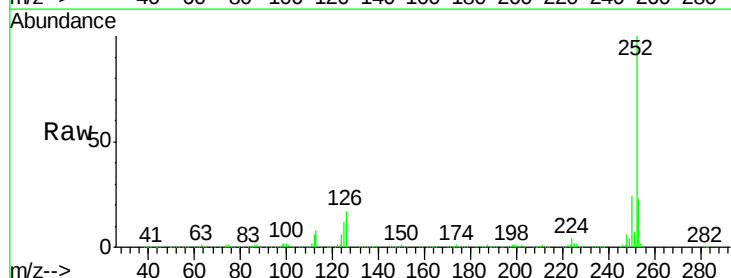
Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

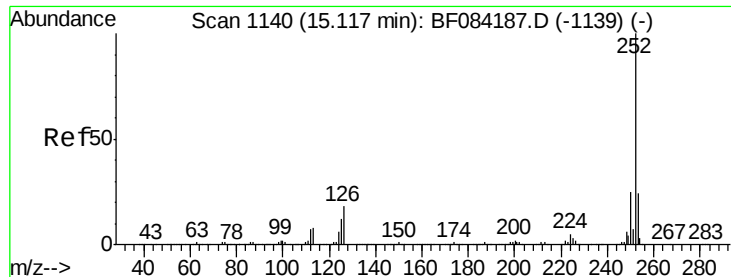
Tgt Ion:264 Resp: 504057
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.2
265 22.3 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 89.55 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion:252 Resp: 2952711
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 11.9 6.5 9.7#

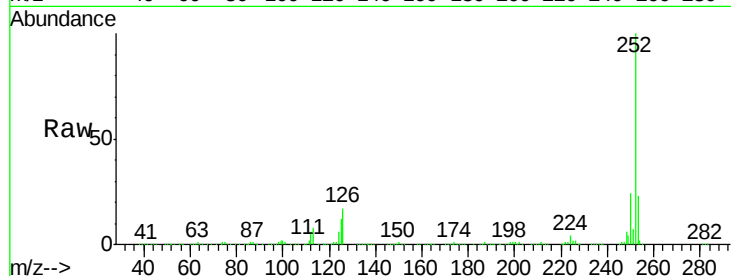




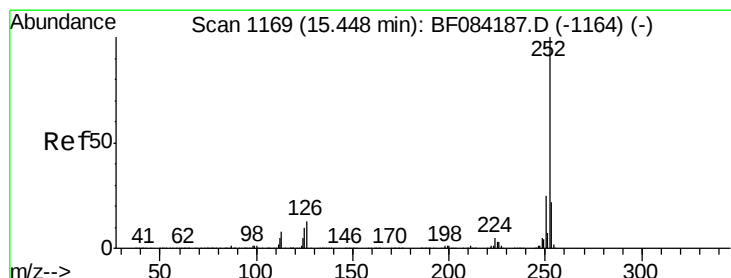
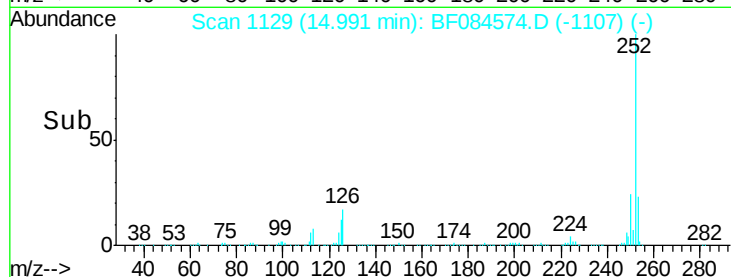
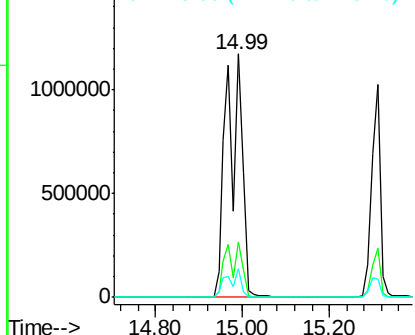
#88
Benzo(k)fluoranthene
Concen: 109.53 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tgt Ion:252 Resp: 2953584
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.9 9.0 13.6

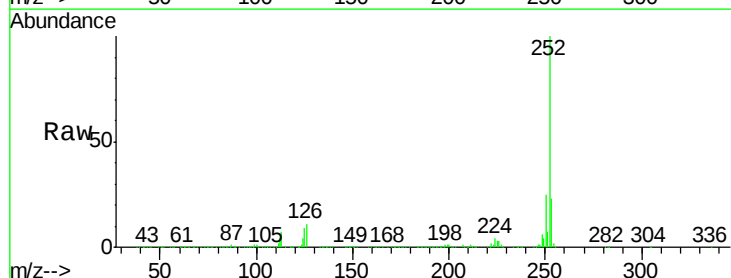


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

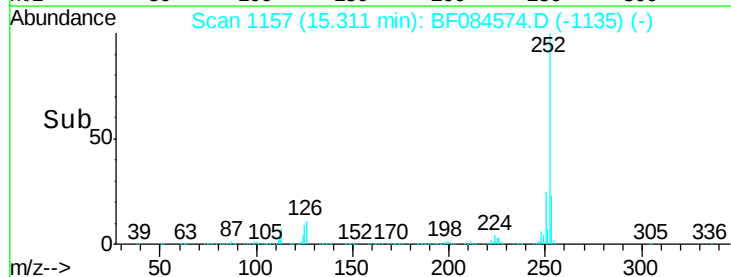
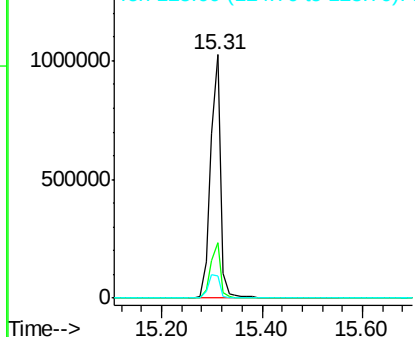


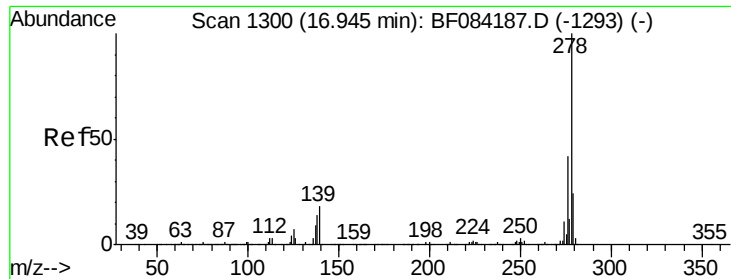
#89
Benzo(a)pyrene
Concen: 49.99 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion:252 Resp: 1398127
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 8.9 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: 45.91 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

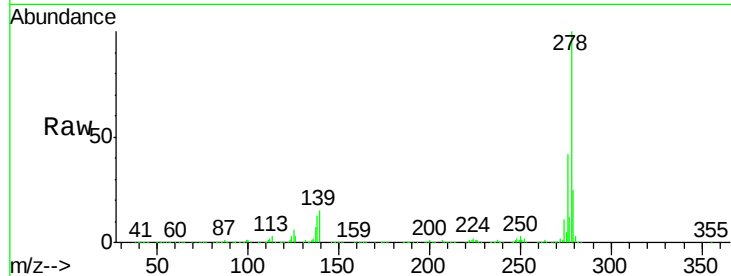
Tgt Ion:278 Resp: 1104892

Ion Ratio Lower Upper

278 100

139 14.9 15.0 22.4#

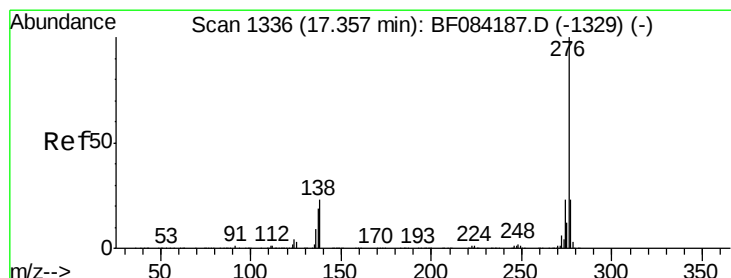
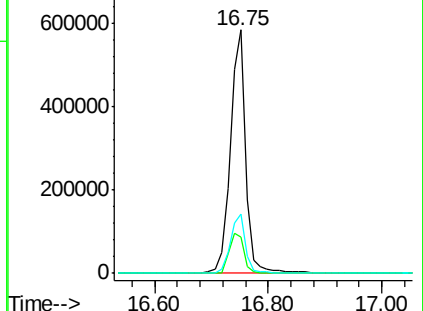
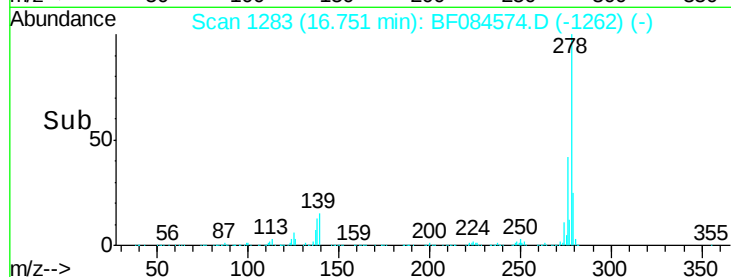
279 24.6 18.9 28.3



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: 45.06 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.08 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

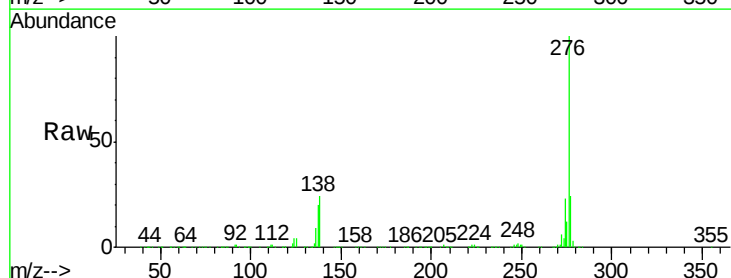
Tgt Ion:276 Resp: 1122875

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 23.6 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

