

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084805.D
 Acq On : 4 Feb 2016 00:52
 Operator : SJ/IZ
 Sample : H1331-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Quant Time: Feb 04 04:06:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	178239	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	716689	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	340255	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	618465	20.00	ng	0.00
75) Chrysene-d12	13.84	240	428768	20.00	ng	0.00
86) Perylene-d12	15.21	264	355709	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1450919	126.79	ng	0.01
7) Phenol-d6	6.35	99	1890165	133.24	ng	0.01
23) Nitrobenzene-d5	7.26	82	1208200	94.97	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	476887	134.37	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1832963	94.10	ng	0.00
78) Terphenyl-d14	12.80	244	1868369	98.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	201518	40.20	ng	# 78
3) Pyridine	2.91	79	579289	44.36	ng	# 74
4) n-Nitrosodimethylamine	2.88	42	309470	45.82	ng	79
6) Aniline	6.35	93	536078	30.88	ng	# 65
8) 2-Chlorophenol	6.48	128	578956	44.70	ng	92
9) Benzaldehyde	6.22	77	221619	26.45	ng	89
10) Phenol	6.36	94	839646	52.83	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	544488	43.94	ng	# 80
12) 1,3-Dichlorobenzene	6.62	146	558499	40.81	ng	# 93
13) 1,4-Dichlorobenzene	6.70	146	601411	43.96	ng	96
14) 1,2-Dichlorobenzene	6.70	146	601411	47.20	ng	99
15) Benzyl Alcohol	6.84	79	460628	47.02	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.98	45	842030	40.39	ng	91
17) 2-Methylphenol	6.97	107	484180	47.27	ng	# 92
18) Hexachloroethane	7.20	117	223632	42.45	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	404687	45.51	ng	# 72
20) 3+4-Methylphenols	7.13	107	602310	47.37	ng	87
22) Acetophenone	7.10	105	858197	45.43	ng	99
24) Nitrobenzene	7.28	77	570224	41.85	ng	94
25) Isophorone	7.53	82	1149629	46.47	ng	97
26) 2-Nitrophenol	7.60	139	314780	46.85	ng	# 84
27) 2,4-Dimethylphenol	7.65	122	559923	47.91	ng	90
28) bis(2-Chloroethoxy)methane	7.74	93	719629	49.03	ng	98
29) 2,4-Dichlorophenol	7.85	162	508920	50.89	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	489905	43.37	ng	95
31) Naphthalene	8.00	128	1522184	42.34	ng	99
32) Benzoic acid	7.74	122	59401	7.95	ng	91
33) 4-Chloroaniline	8.05	127	283835	19.09	ng	95
34) Hexachlorobutadiene	8.12	225	291321	44.73	ng	98
35) Caprolactam	8.44	113	84037	27.26	ng	# 56
36) 4-Chloro-3-methylphenol	8.56	107	528812	46.35	ng	99
37) 2-Methylnaphthalene	8.69	142	1184833	52.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	437901	40.52	ng	98
40) Hexachlorocyclopentadiene	8.84	237	419475	85.52	ng	97

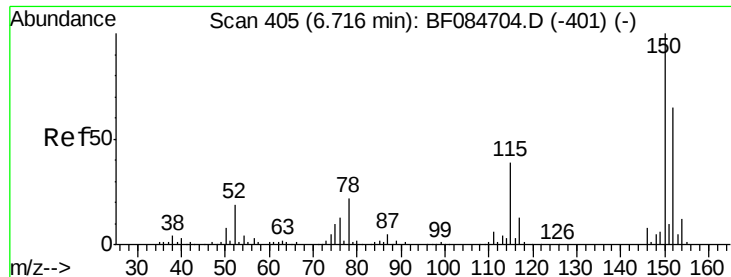
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	353404	50.76	ng	95
43) 2,4,5-Trichlorophenol	9.02	196	326624	46.17	ng	95
45) 1,1'-Biphenyl	9.16	154	1337819	44.02	ng	97
46) 2-Chloronaphthalene	9.18	162	983070	43.92	ng	# 86
47) 2-Nitroaniline	9.28	65	328584	46.37	ng	97
48) Acenaphthylene	9.60	152	1543432	45.44	ng	98
49) Dimethylphthalate	9.47	163	1381525	53.31	ng	# 90
50) 2,6-Dinitrotoluene	9.53	165	248993	43.98	ng	# 59
51) Acenaphthene	9.77	154	989541	44.78	ng	98
52) 3-Nitroaniline	9.70	138	191708	30.13	ng	# 63
53) 2,4-Dinitrophenol	9.80	184	127781	51.16	ng	# 86
54) Dibenzofuran	9.94	168	1371587	50.79	ng	98
55) 4-Nitrophenol	9.88	139	422170	90.30	ng	91
56) 2,4-Dinitrotoluene	9.93	165	294562	40.79	ng	# 69
57) Fluorene	10.28	166	1018014	45.14	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	262916	48.82	ng	90
59) Diethylphthalate	10.17	149	1157280	45.73	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	436309	46.25	ng	94
61) 4-Nitroaniline	10.32	138	295962	47.74	ng	84
62) Azobenzene	10.43	77	1177287	48.38	ng	90
64) 4,6-Dinitro-2-methylphenol	10.34	198	178706	46.82	ng	92
65) n-Nitrosodiphenylamine	10.40	169	942510	47.99	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	327677	47.97	ng	94
67) Hexachlorobenzene	10.82	284	316181	42.48	ng	# 84
68) Atrazine	10.93	200	328520	52.97	ng	94
69) Pentachlorophenol	11.02	266	328069	93.79	ng	98
70) Phenanthrene	11.23	178	1401611	40.86	ng	97
71) Anthracene	11.29	178	1643330	47.54	ng	99
72) Carbazole	11.45	167	1505732	49.96	ng	98
73) Di-n-butylphthalate	11.78	149	1546373	40.30	ng	# 96
74) Fluoranthene	12.42	202	1665130	47.96	ng	93
76) Benzidine	12.54	184	679494	46.05	ng	99
77) Pyrene	12.64	202	1572757	47.91	ng	99
79) Butylbenzylphthalate	13.28	149	754230	50.65	ng	# 88
80) Benzo(a)anthracene	13.83	228	1208449	45.41	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	214000	22.71	ng	# 94
82) Chrysene	13.86	228	1119553	43.38	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	933485	50.37	ng	# 96
84) Di-n-octyl phthalate	14.44	149	1425110	46.61	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.50	276	987309	48.61	ng	98
87) Benzo(b)fluoranthene	14.83	252	1987600	83.16	ng	# 97
88) Benzo(k)fluoranthene	14.83	252	1987600	100.58	ng	99
89) Benzo(a)pyrene	15.16	252	925516	45.45	ng	98
90) Dibenzo(a,h)anthracene	16.51	278	821367	47.91	ng	99
91) Benzo(g,h,i)perylene	16.89	276	839107	48.59	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084805.D

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BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

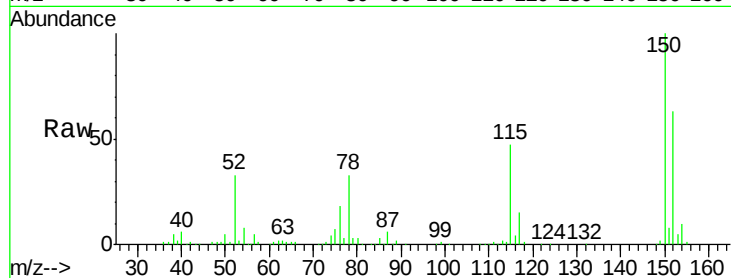
Tgt Ion:152 Resp: 178239

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

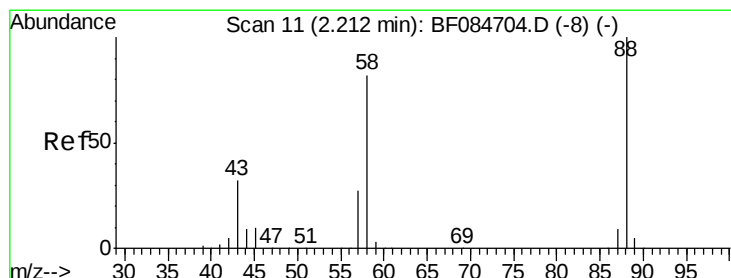
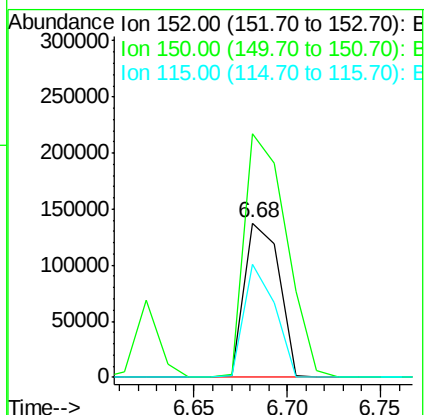
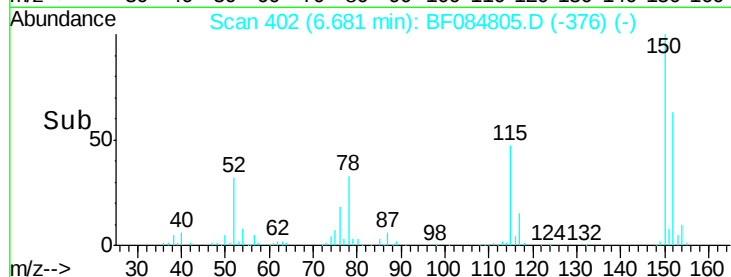
115 73.4 51.4 77.2



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: 40.20 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.08 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

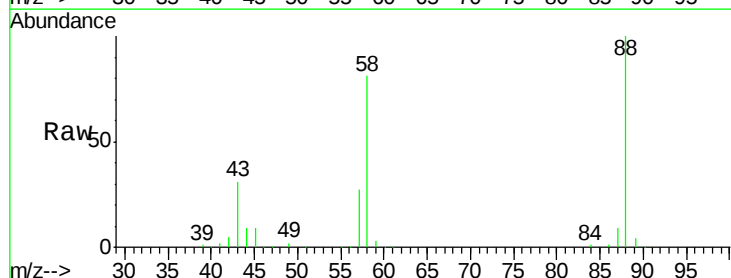
Tgt Ion: 88 Resp: 201518

Ion Ratio Lower Upper

88 100

58 82.6 51.2 76.8#

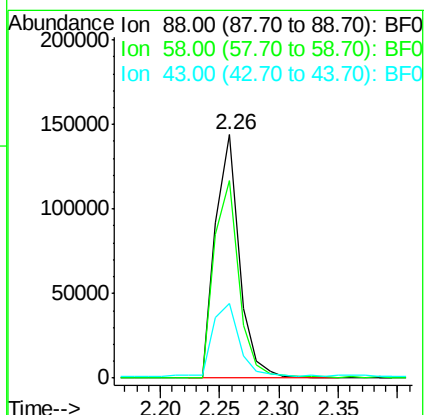
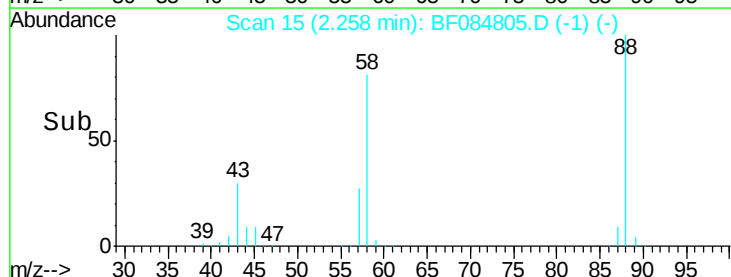
43 32.8 19.5 29.3#

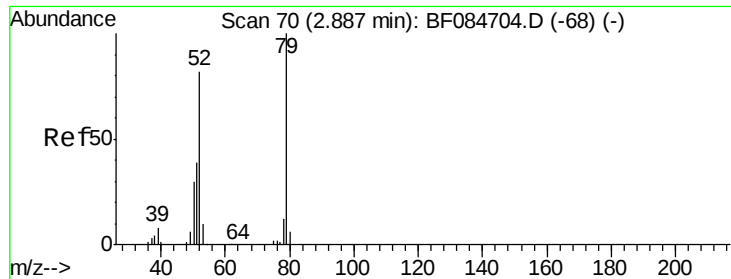


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.36 ng

RT: 2.91 min Scan# 72

Delta R.T. 0.07 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

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ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

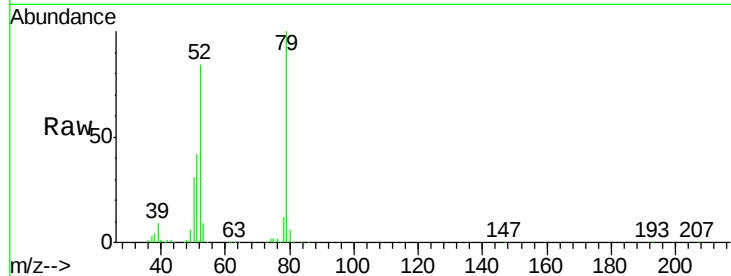
Tgt Ion: 79 Resp: 579289

Ion Ratio Lower Upper

79 100

52 83.9 49.0 73.4#

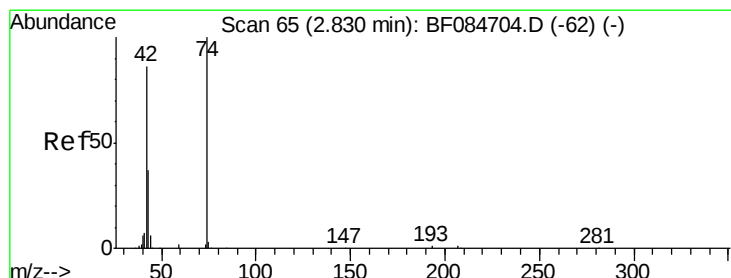
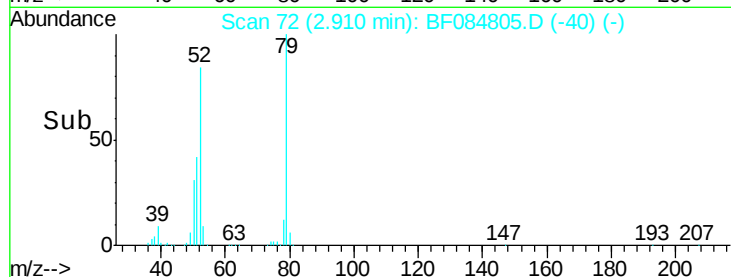
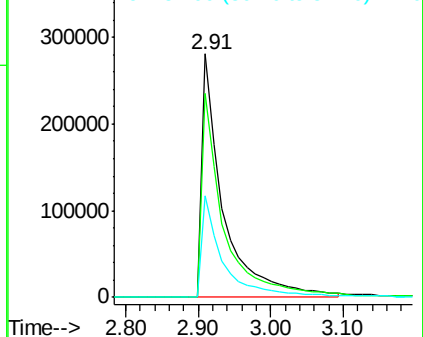
51 42.0 25.2 37.8#



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: 45.82 ng

RT: 2.88 min Scan# 69

Delta R.T. 0.08 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

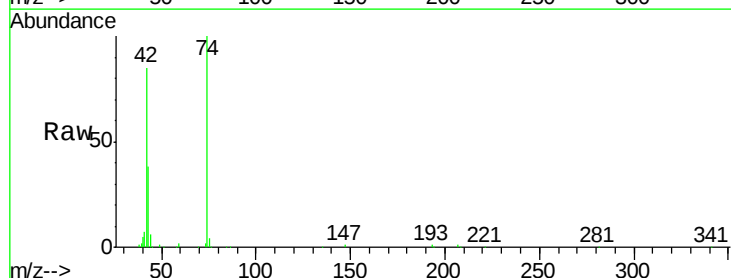
Tgt Ion: 42 Resp: 309470

Ion Ratio Lower Upper

42 100

74 117.7 115.7 173.5

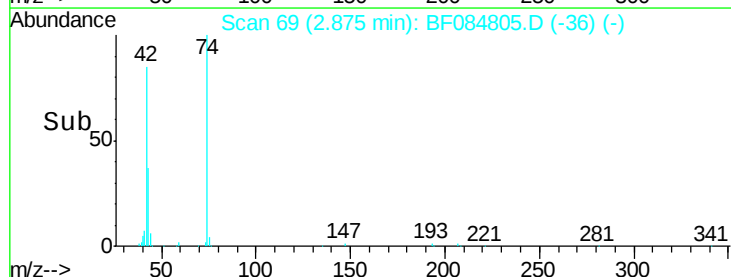
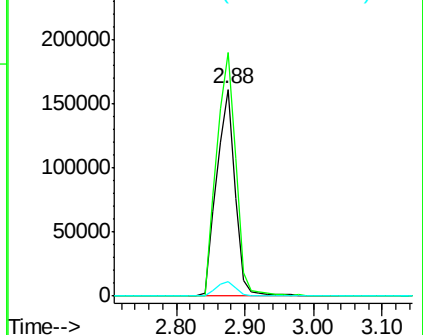
44 7.2 5.1 7.7



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: 126.79 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084805.D

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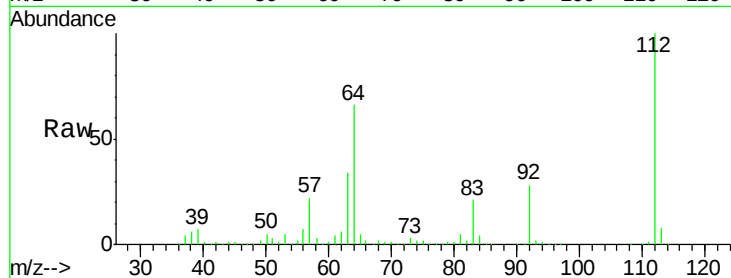
Tgt Ion: 112 Resp: 1450919

Ion Ratio Lower Upper

112 100

64 66.2 36.6 55.0#

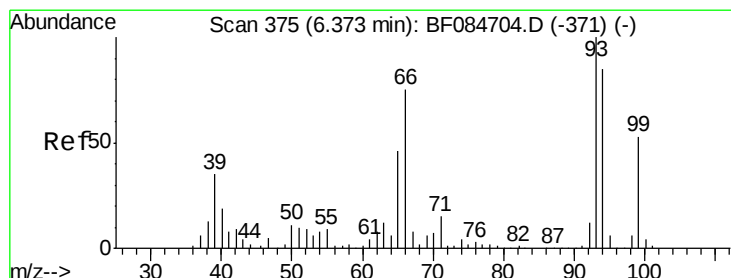
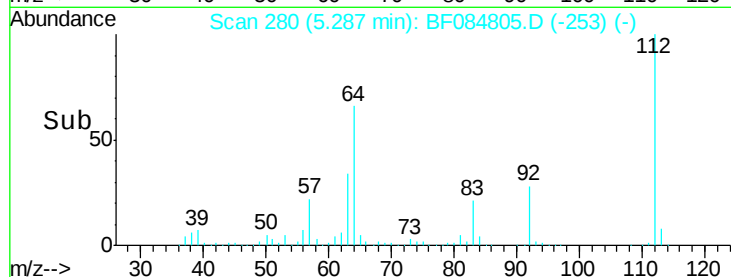
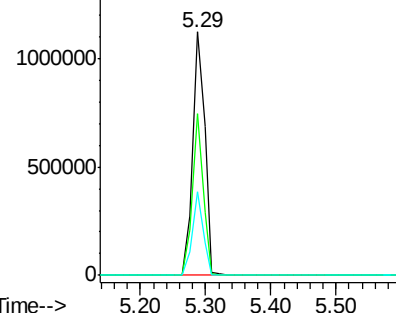
63 34.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.88 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

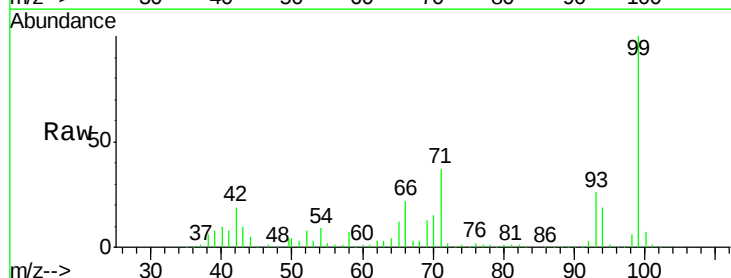
Tgt Ion: 93 Resp: 536078

Ion Ratio Lower Upper

93 100

66 84.1 44.9 67.3#

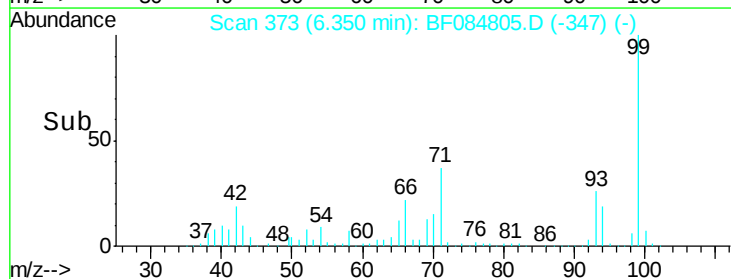
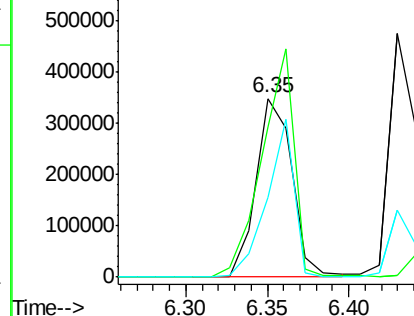
65 44.3 23.7 35.5#

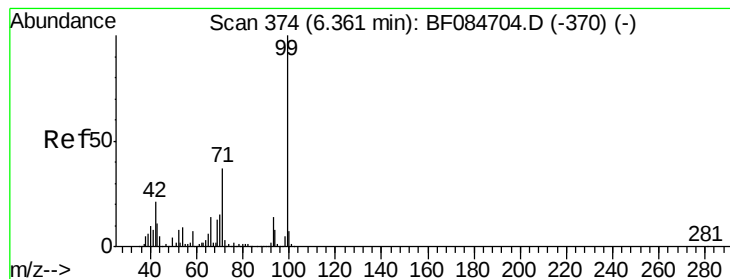


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.24 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF084805.D

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SOUTH-SIDEWALL(11.5)MS

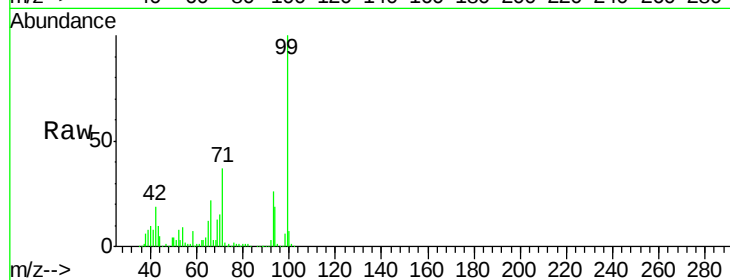
Tgt Ion: 99 Resp: 1890165

Ion Ratio Lower Upper

99 100

42 19.2 12.8 19.2

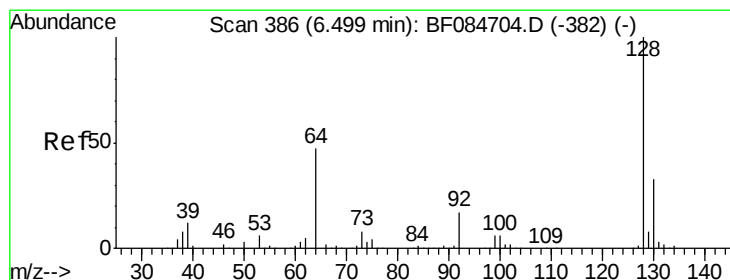
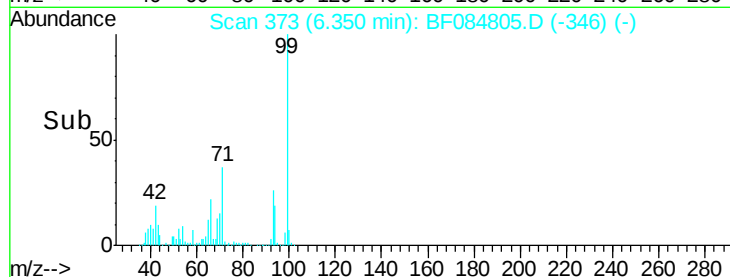
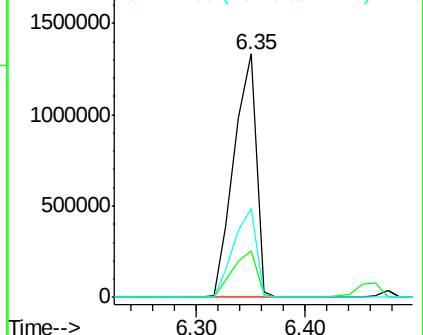
71 36.7 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.70 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

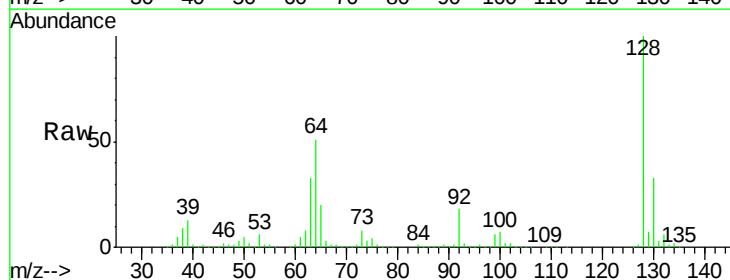
Tgt Ion: 128 Resp: 578956

Ion Ratio Lower Upper

128 100

130 33.2 11.6 51.6

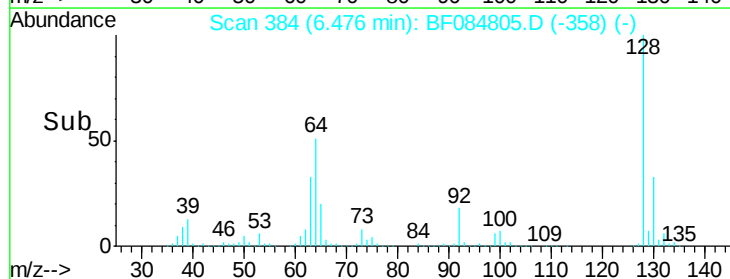
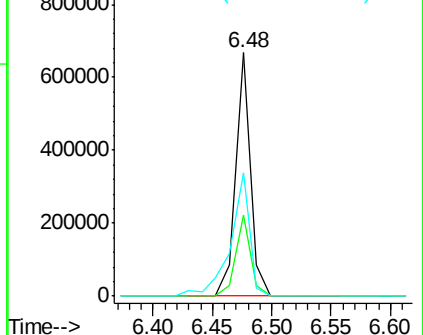
64 50.9 23.8 63.8

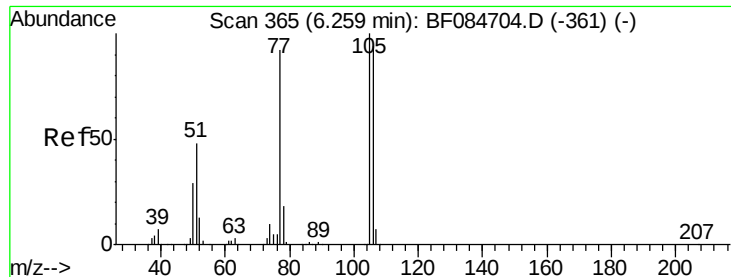


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.45 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

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SOUTH-SIDEWALL(11.5)MS

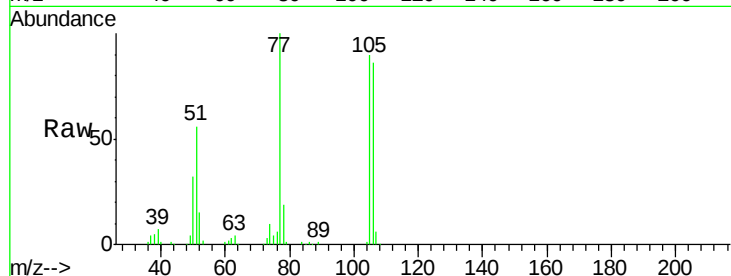
Tgt Ion: 77 Resp: 221619

Ion Ratio Lower Upper

77 100

105 89.9 83.0 123.0

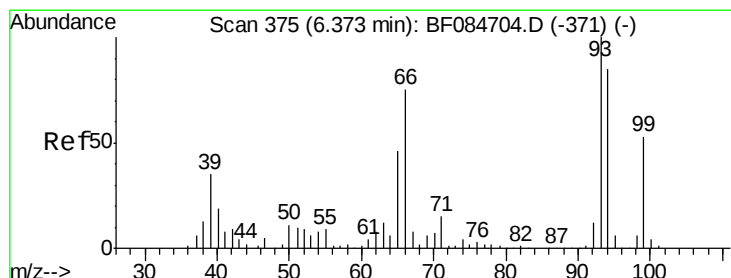
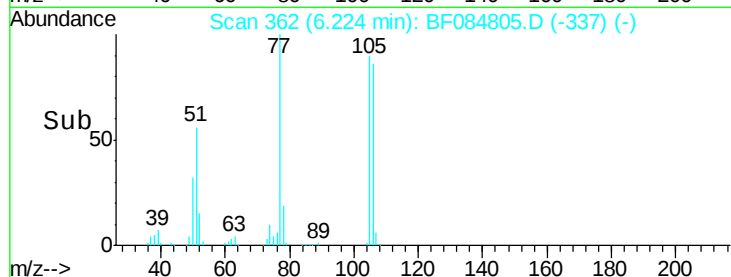
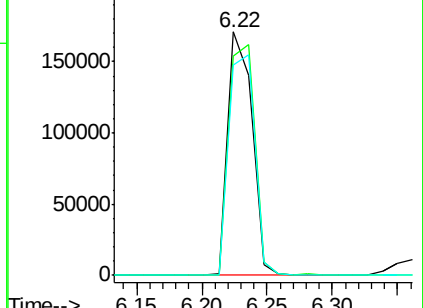
106 86.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.83 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

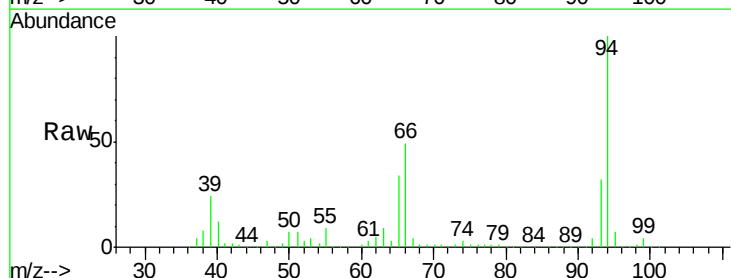
Tgt Ion: 94 Resp: 839646

Ion Ratio Lower Upper

94 100

65 34.3 12.9 52.9

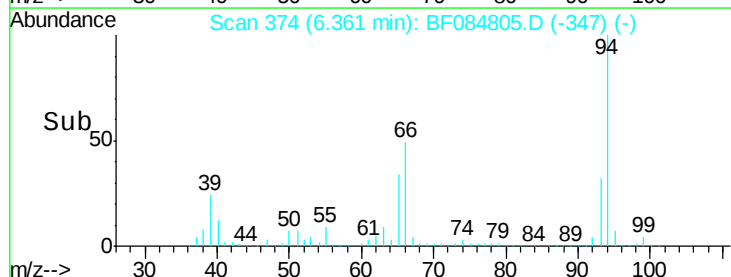
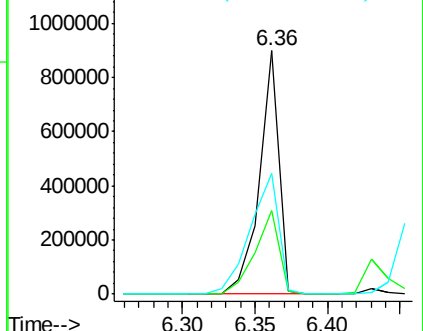
66 49.3 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.94 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

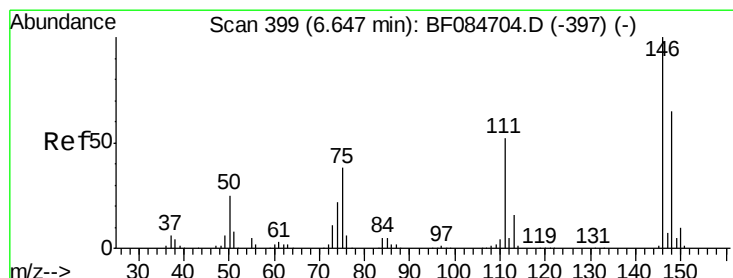
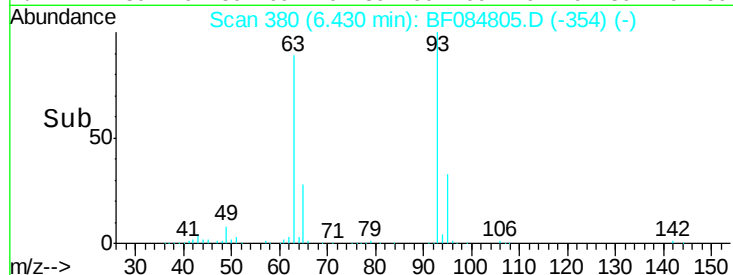
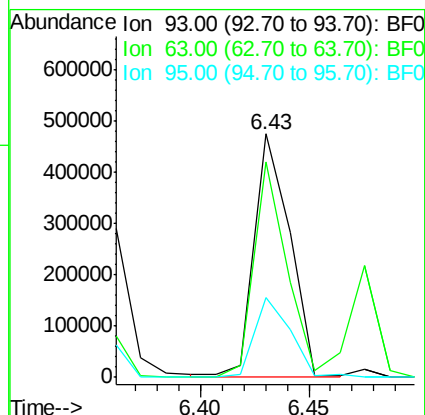
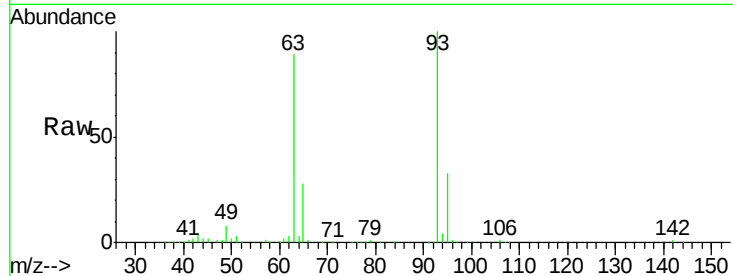
Tgt Ion: 93 Resp: 544488

Ion Ratio Lower Upper

93 100

63 88.7 45.9 85.9#

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.81 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

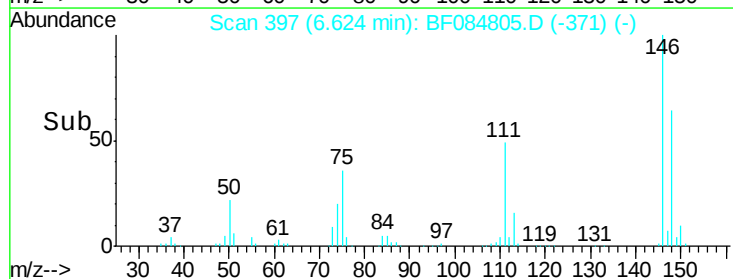
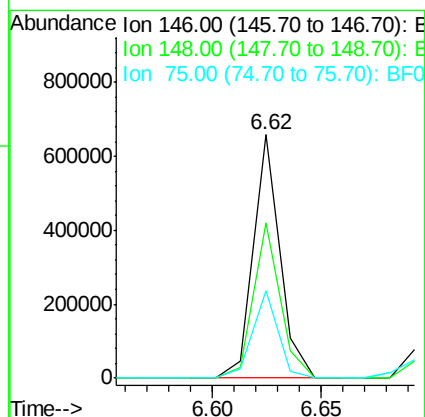
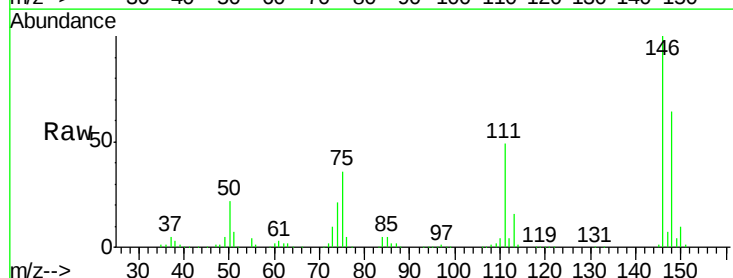
Tgt Ion: 146 Resp: 558499

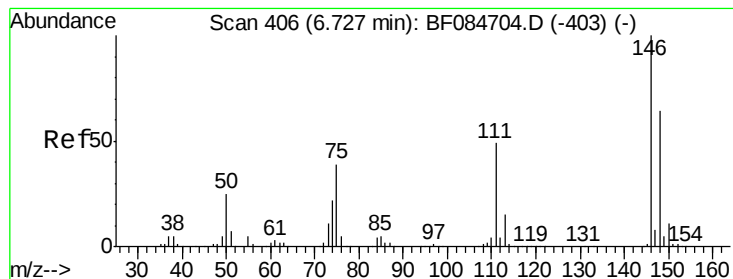
Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

75 35.7 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 43.96 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

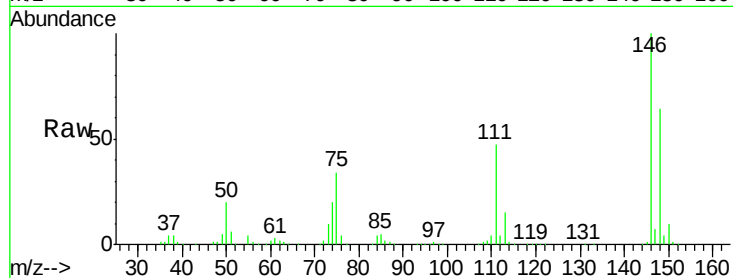
Tgt Ion:146 Resp: 601411

Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

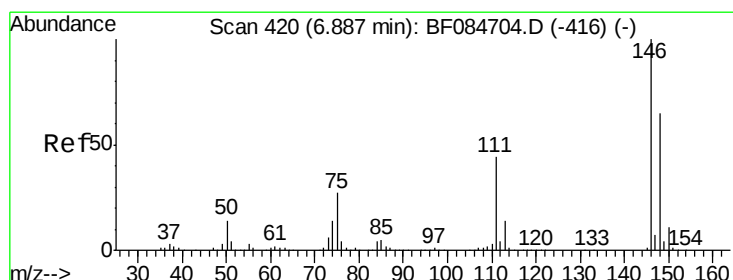
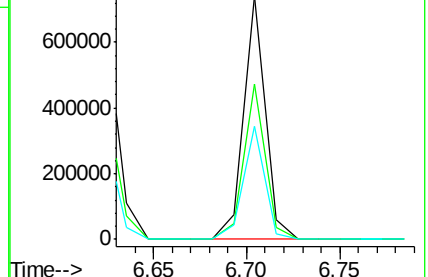
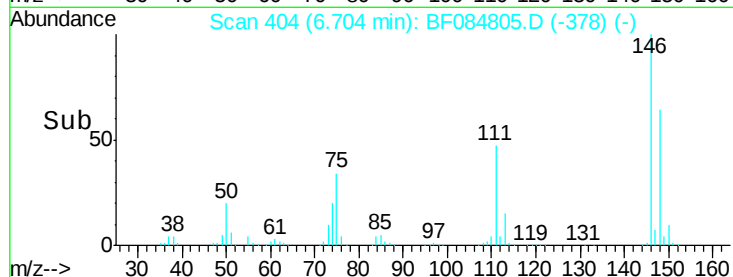
111 46.5 41.6 62.4



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: 47.20 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.16 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

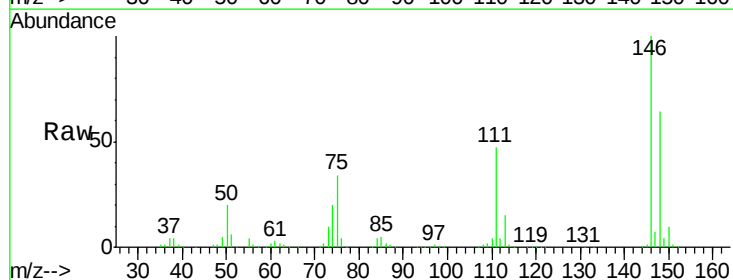
Tgt Ion:146 Resp: 601411

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

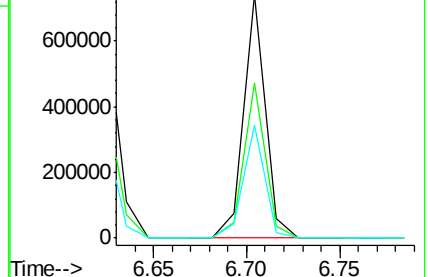
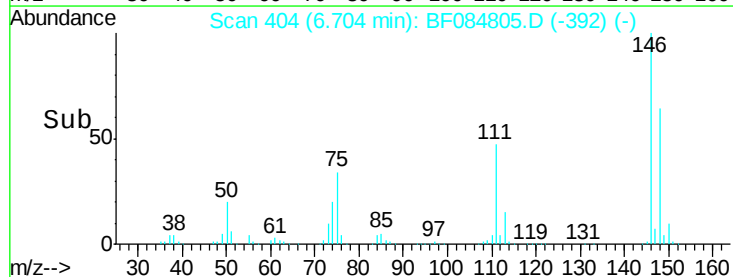
111 46.5 38.0 57.0

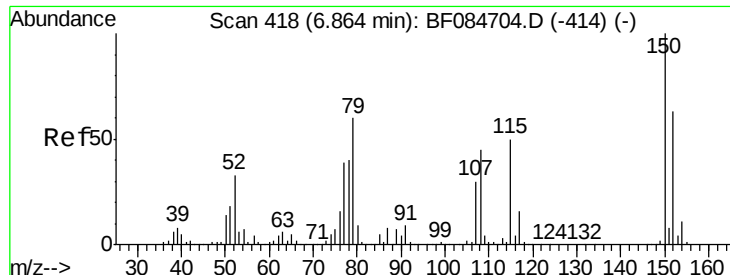


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.02 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

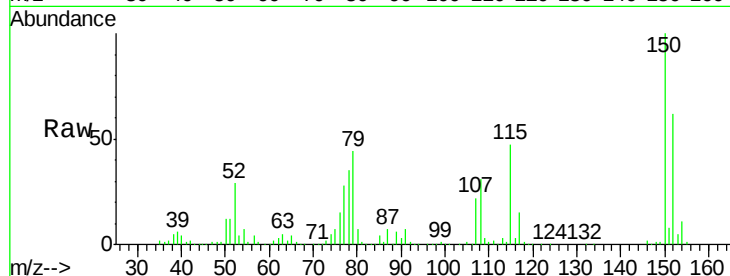
Tgt Ion: 79 Resp: 460628

Ion Ratio Lower Upper

79 100

108 71.9 69.0 103.4

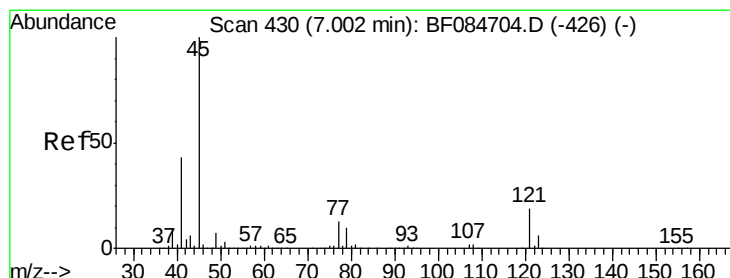
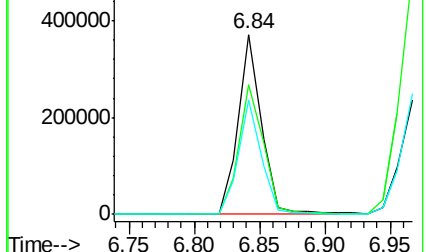
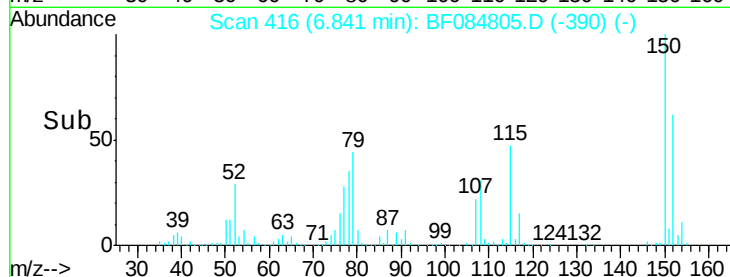
77 63.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.39 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

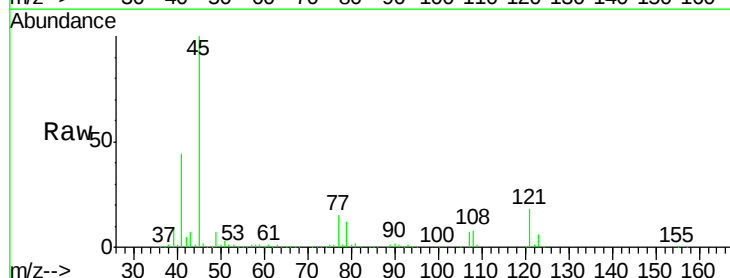
Tgt Ion: 45 Resp: 842030

Ion Ratio Lower Upper

45 100

77 15.1 0.0 39.6

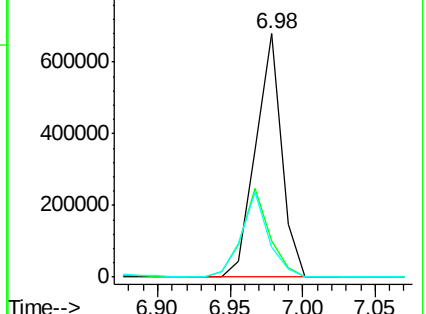
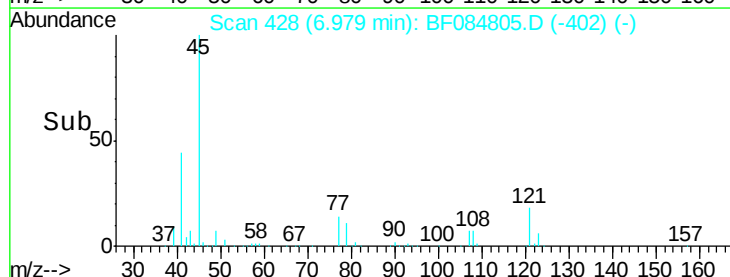
79 12.2 0.0 35.0

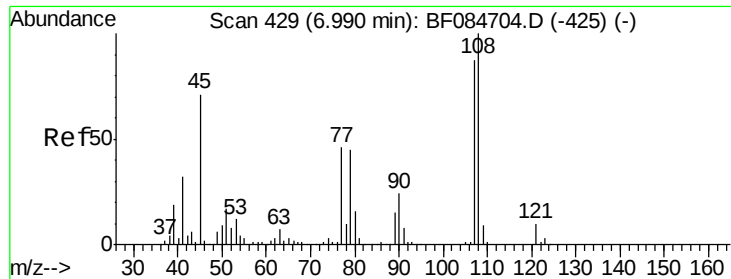


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

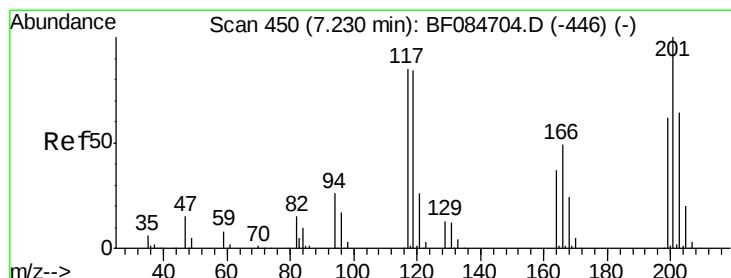
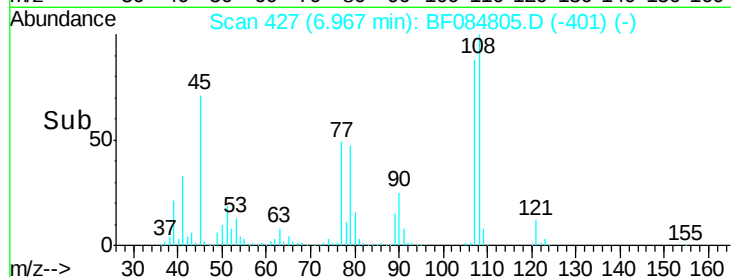
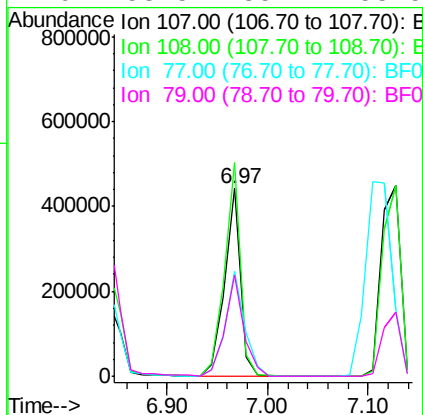
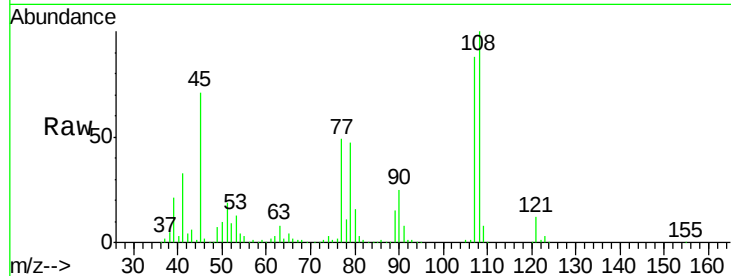




#17
2-Methylphenol
Concen: 47.27 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

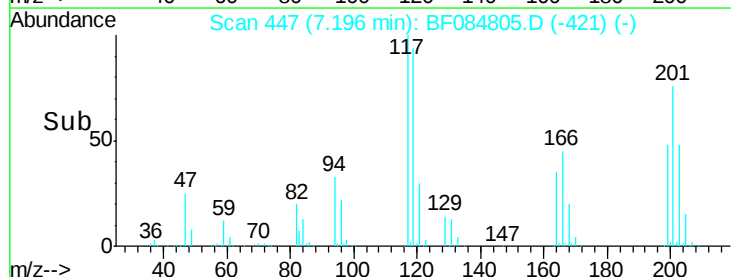
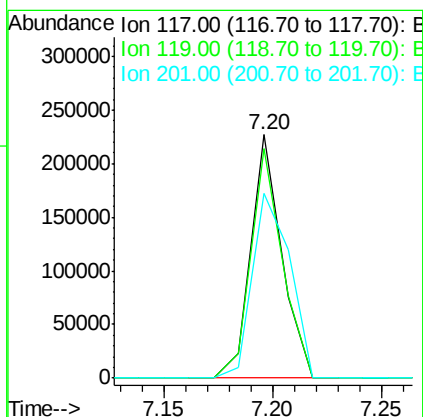
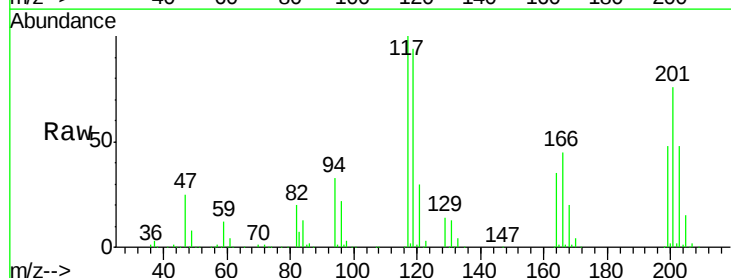
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.8	134.6
77	56.1	35.7	53.5#
79	53.5	35.7	53.5



#18
Hexachloroethane
Concen: 42.45 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.0
201	75.9	68.6	103.0

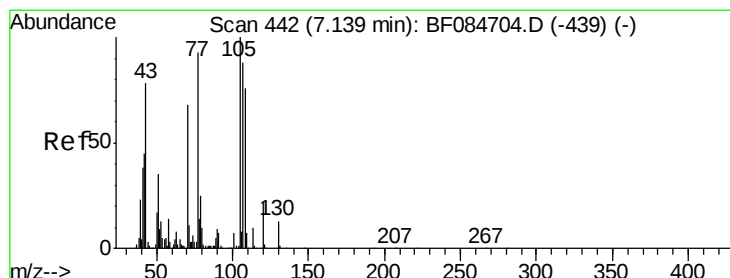
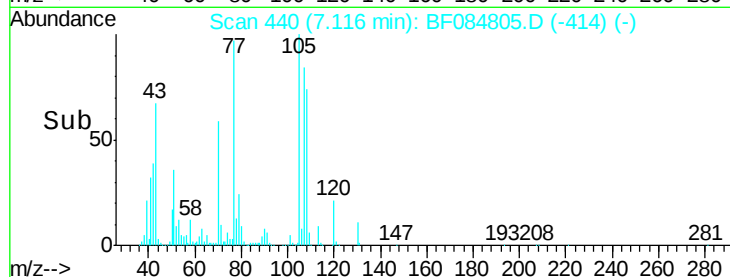
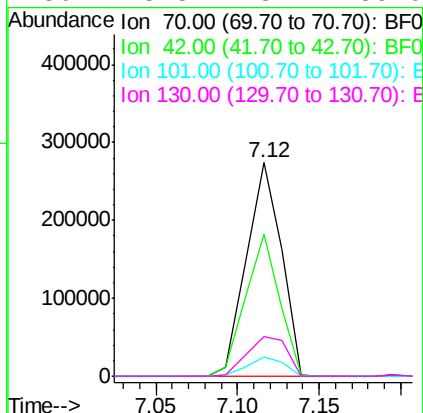
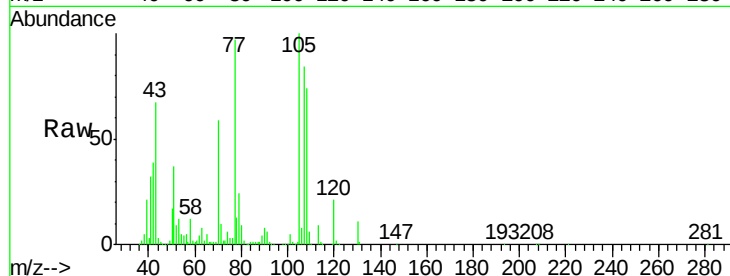




#19
n-Nitroso-di-n-propylamine
Concen: 45.51 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

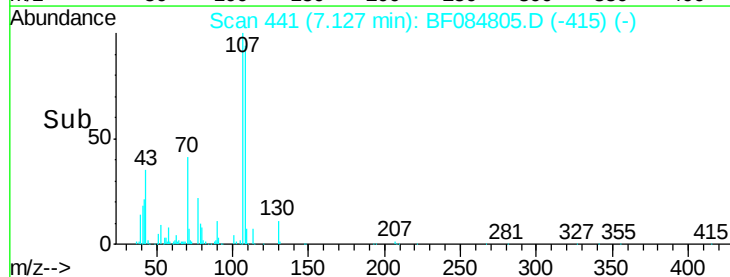
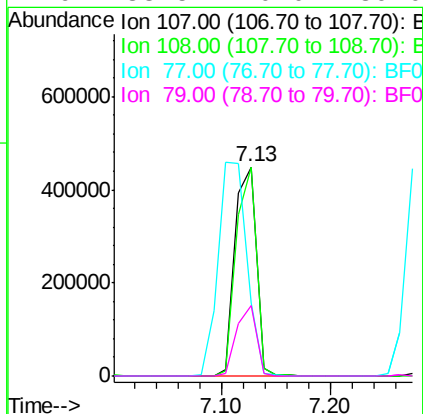
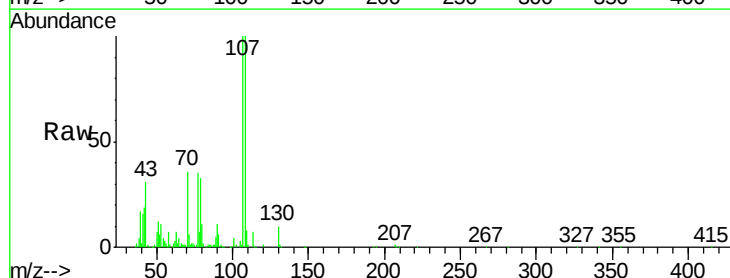
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tgt Ion: 70 Resp: 404687
Ion Ratio Lower Upper
70 100
42 66.3 33.3 49.9#
101 8.9 9.3 13.9#
130 18.8 23.4 35.0#



#20
3+4-Methylphenols
Concen: 47.37 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion: 107 Resp: 602310
Ion Ratio Lower Upper
107 100
108 99.9 74.6 114.6
77 34.9 0.7 40.7
79 33.5 0.0 39.0

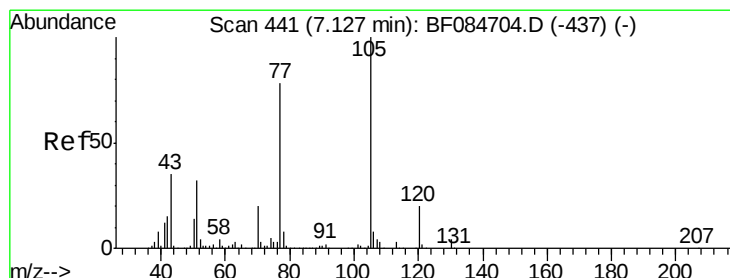
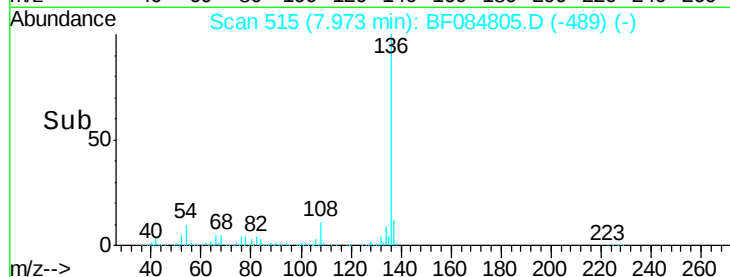
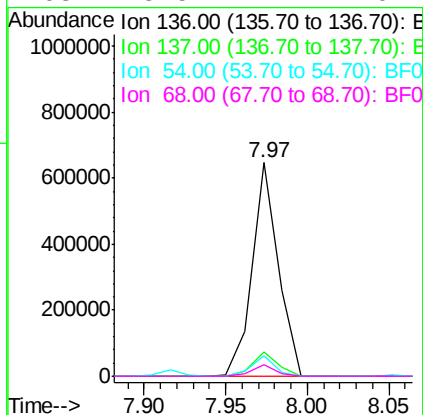
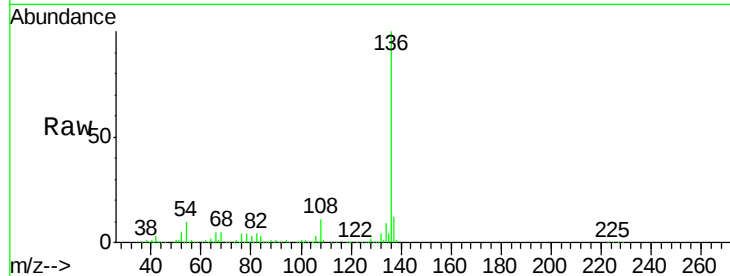




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

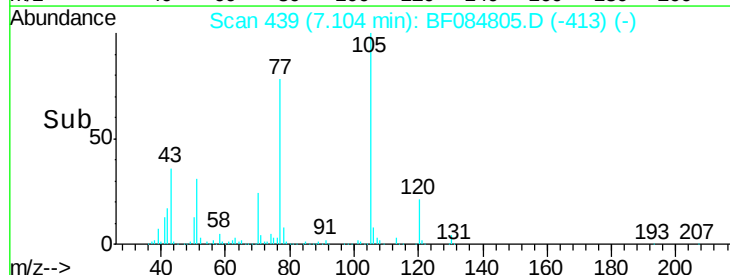
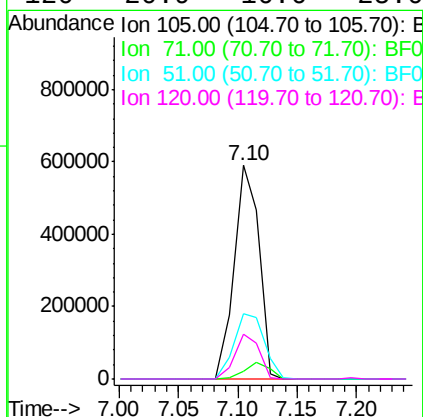
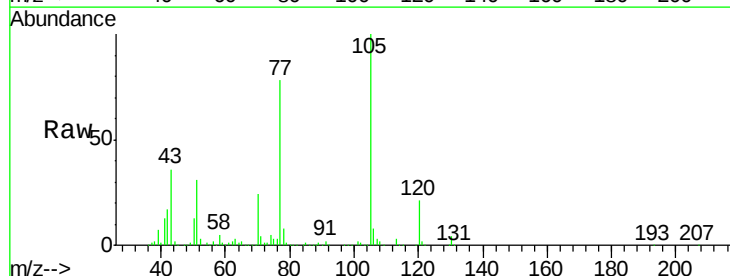
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

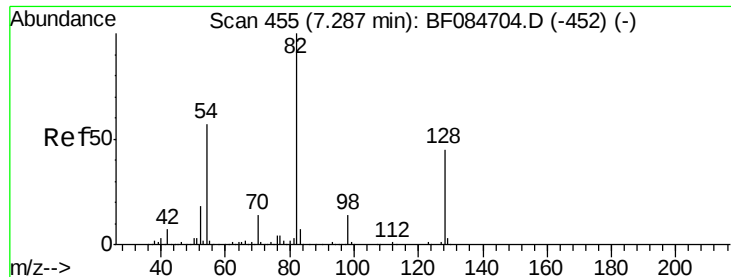
Tgt Ion:	136	Resp:	716689
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.8	5.8	8.8#
68	5.5	4.2	6.2



#22
Acetophenone
Concen: 45.43 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion:	105	Resp:	858197
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.7	5.5
51	30.6	25.1	37.7
120	20.9	16.6	25.0

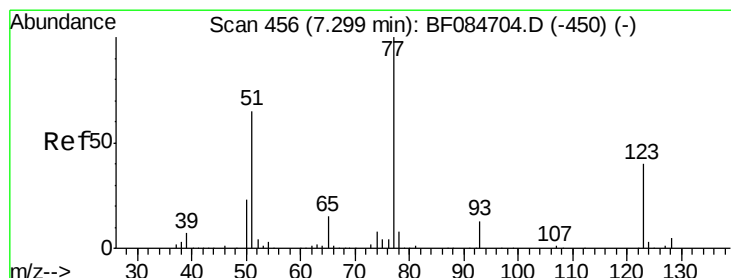
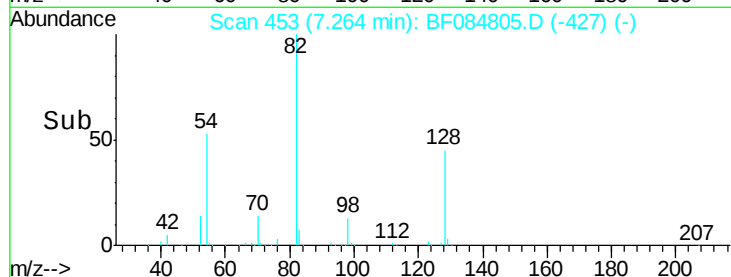
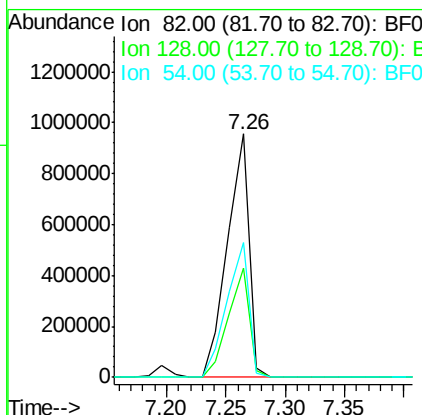
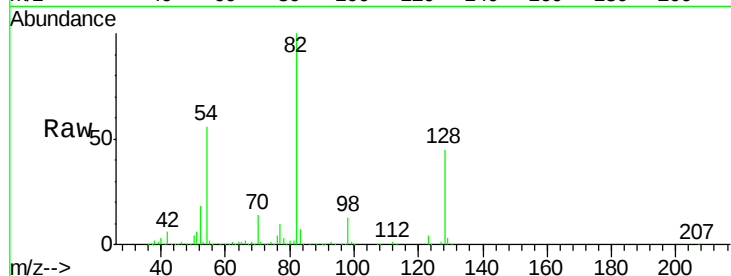




#23
 Nitrobenzene-d5
 Concen: 94.97 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

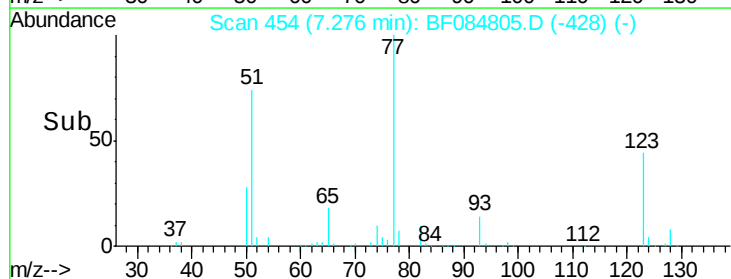
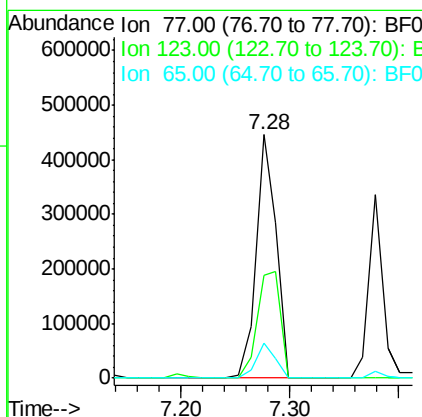
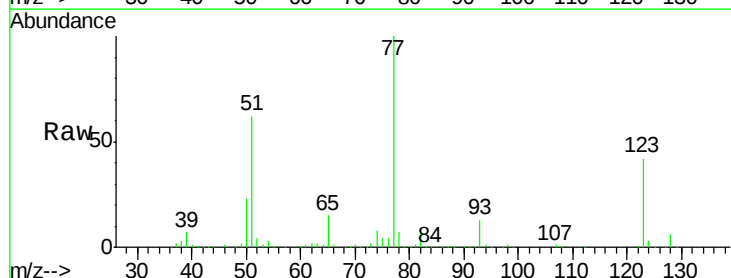
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

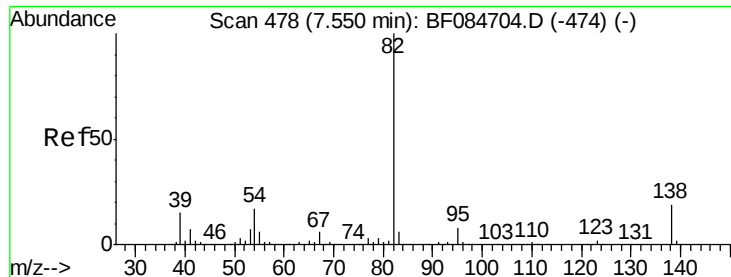
Tgt Ion: 82 Resp: 1208200
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 51.8
 54 55.6 38.4 57.6



#24
 Nitrobenzene
 Concen: 41.85 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion: 77 Resp: 570224
 Ion Ratio Lower Upper
 77 100
 123 42.2 37.4 56.2
 65 14.5 10.9 16.3





#25

Isophorone

Concen: 46.47 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

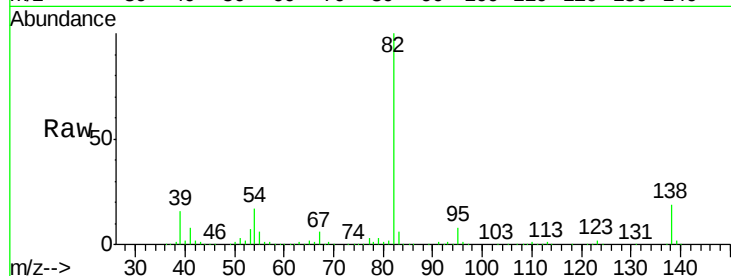
Tgt Ion: 82 Resp: 1149629

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

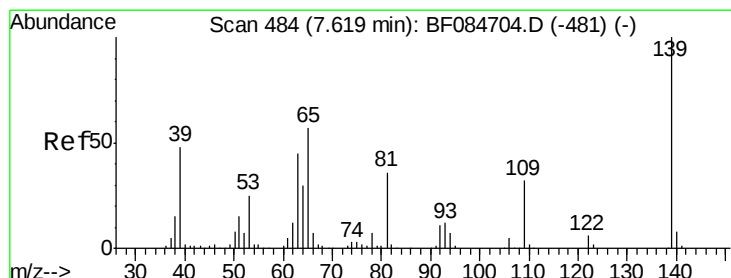
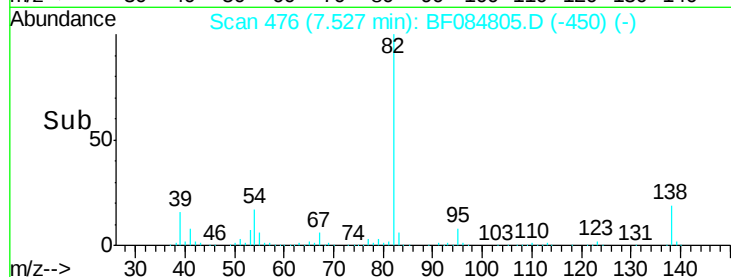
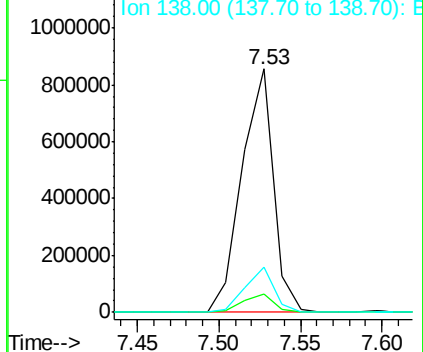
138 18.7 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.85 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

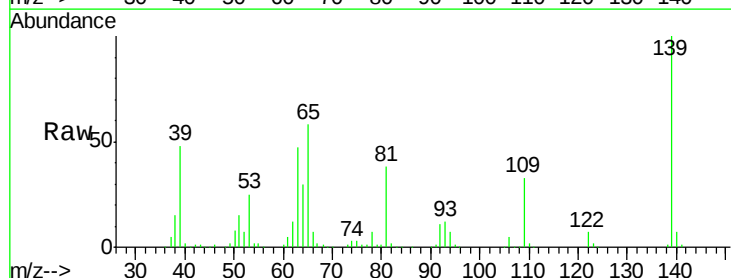
Tgt Ion: 139 Resp: 314780

Ion Ratio Lower Upper

139 100

109 32.7 25.4 38.2

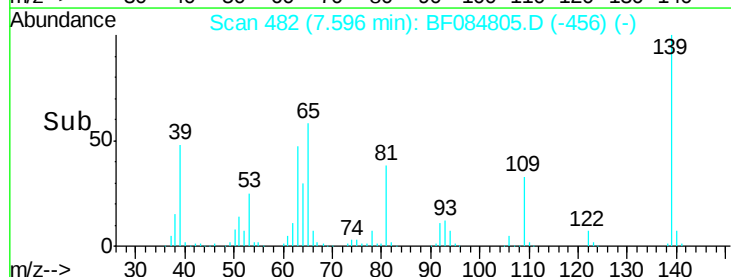
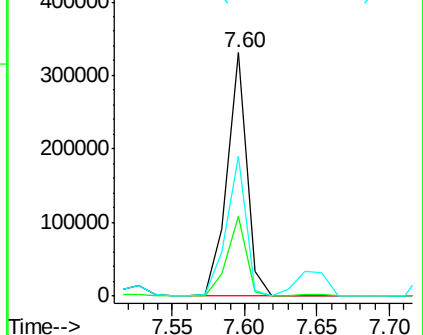
65 57.6 32.3 48.5#

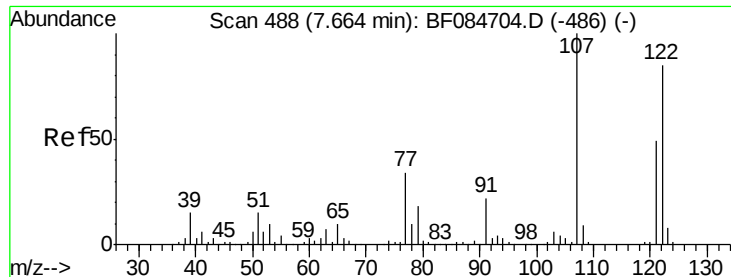


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

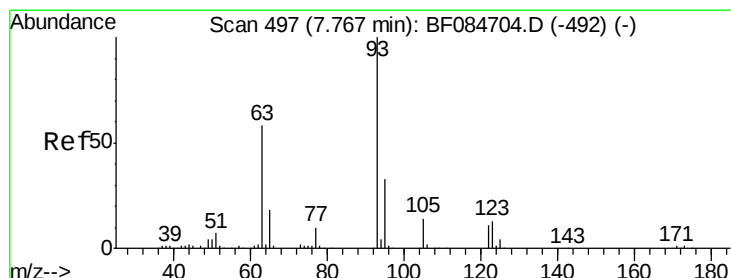
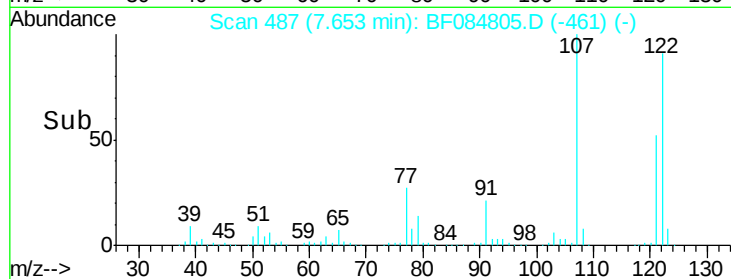
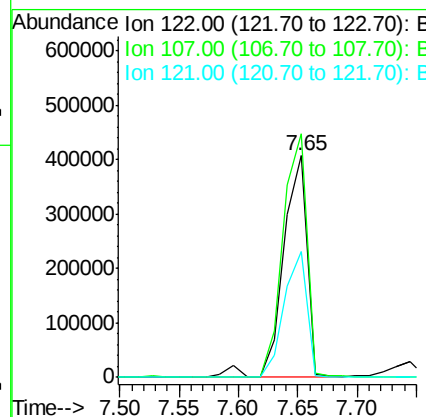
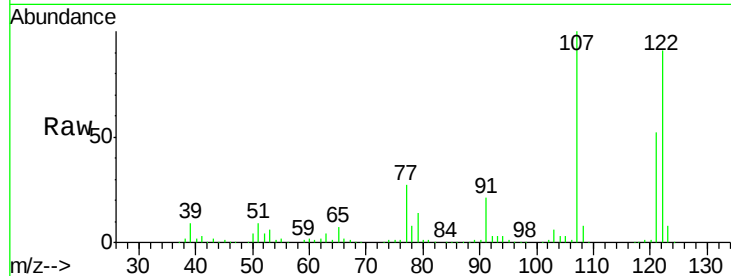




#27
 2,4-Dimethylphenol
 Concen: 47.91 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

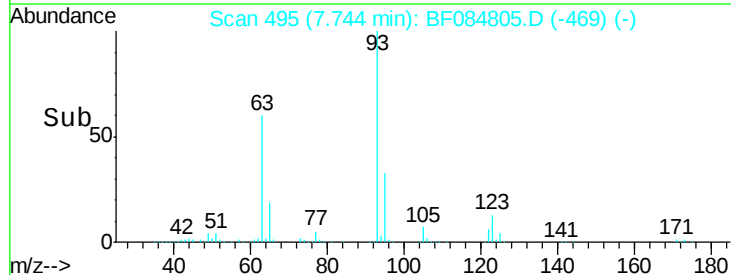
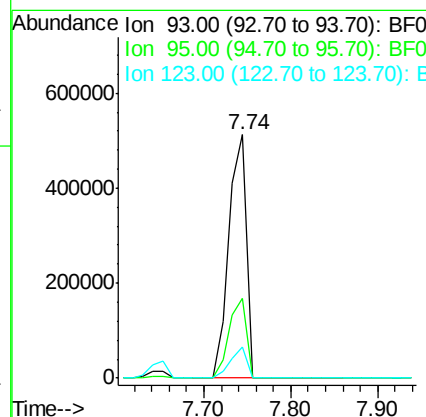
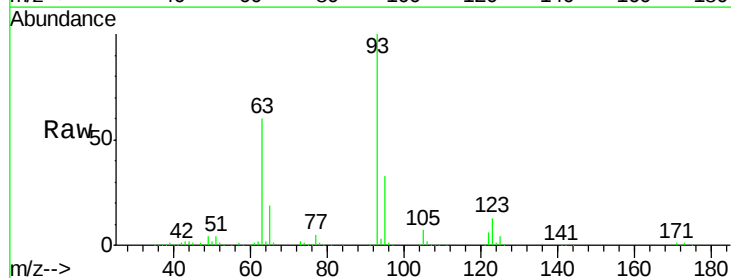
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

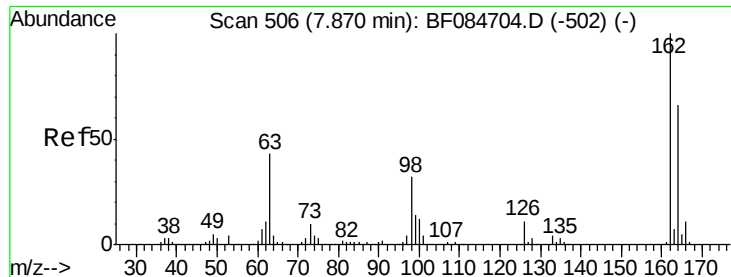
Tgt Ion:122 Resp: 559923
 Ion Ratio Lower Upper
 122 100
 107 110.0 99.1 148.7
 121 56.9 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.03 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion: 93 Resp: 719629
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.8 38.6
 123 12.6 8.6 12.8

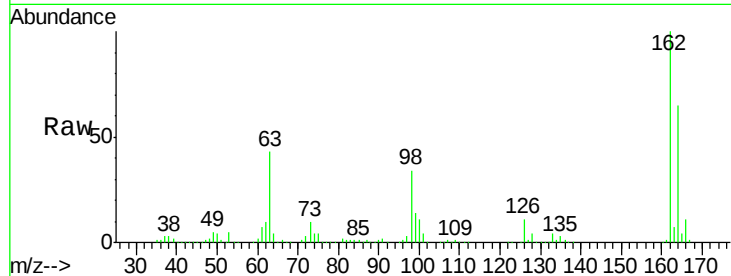




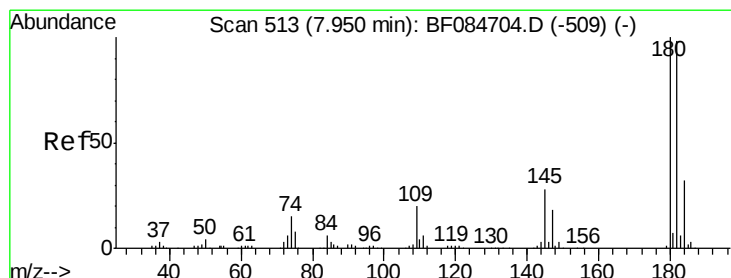
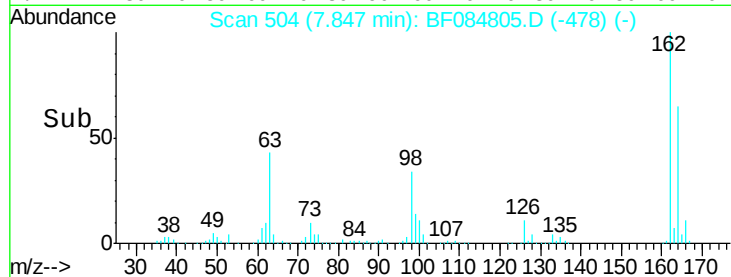
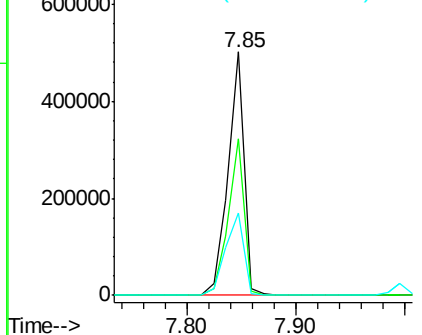
#29
 2,4-Dichlorophenol
 Concen: 50.89 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	34.0	20.2	60.2

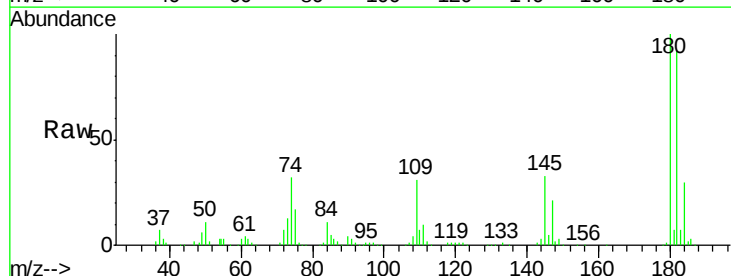


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

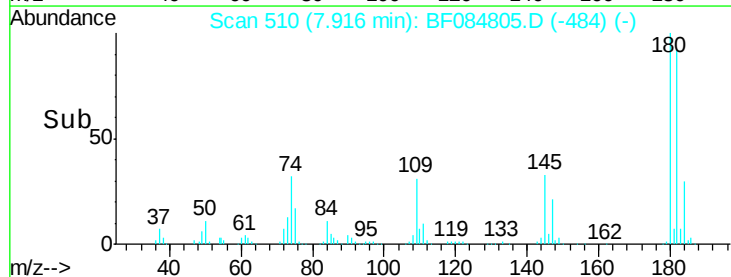
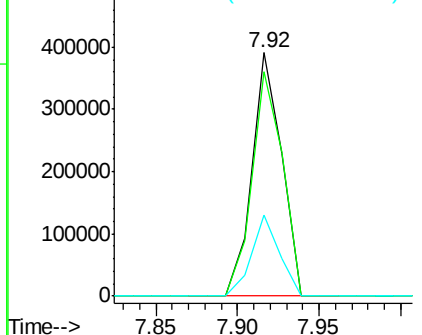


#30
 1,2,4-Trichlorobenzene
 Concen: 43.37 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.4	114.6
145	33.2	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.34 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

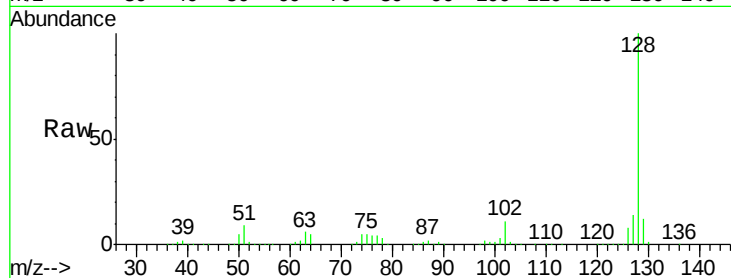
Tgt Ion:128 Resp: 1522184

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

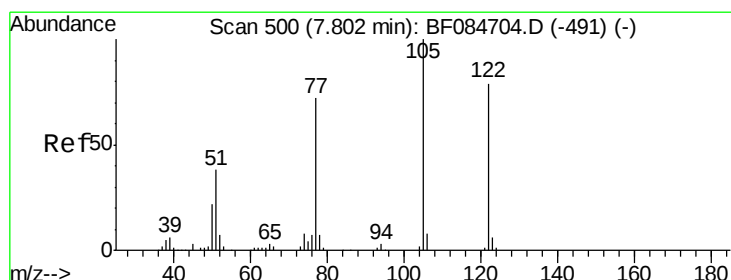
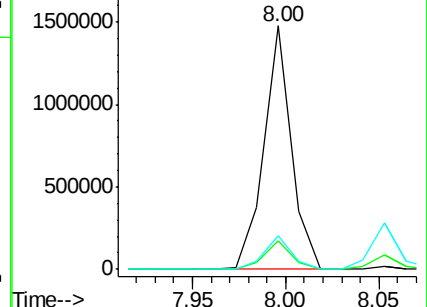
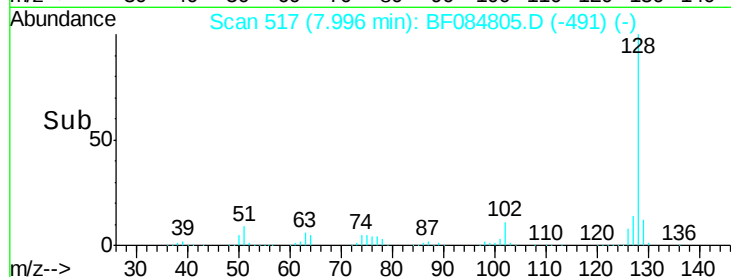
127 13.7 11.1 16.7



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: 7.95 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

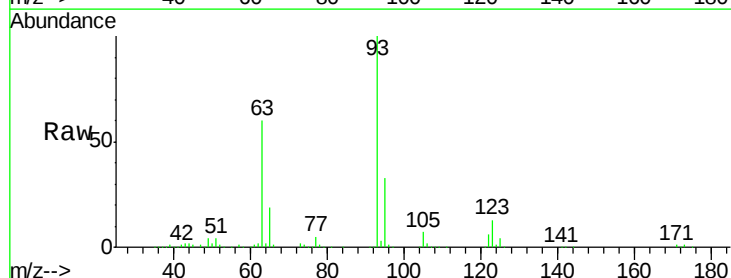
Tgt Ion:122 Resp: 59401

Ion Ratio Lower Upper

122 100

105 126.7 100.3 140.3

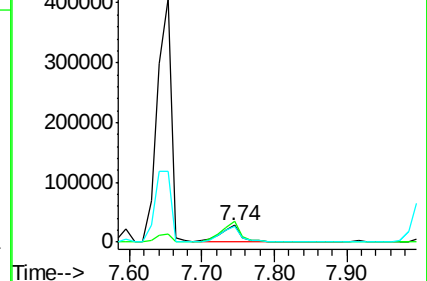
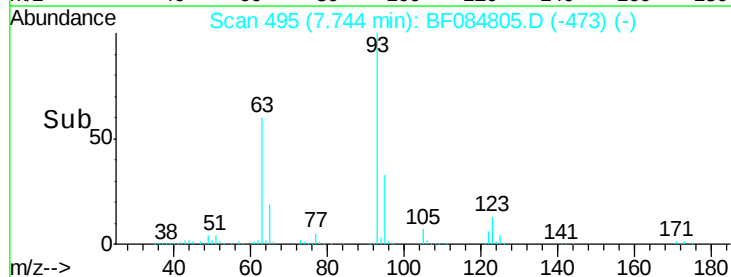
77 96.0 63.5 103.5

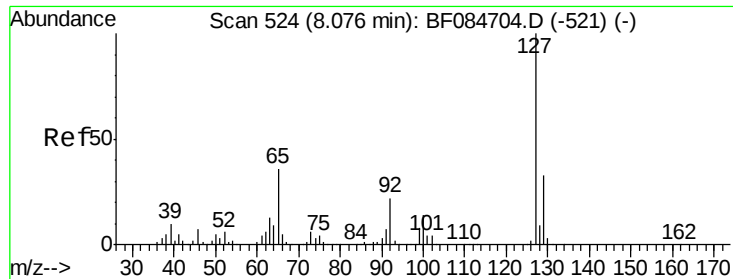


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

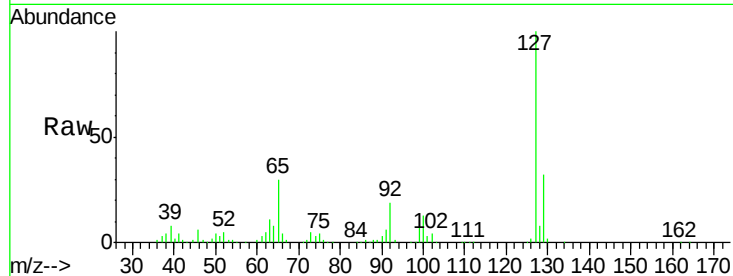




#33
4-Chloroaniline
Concen: 19.09 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Tgt Ion:	127	Resp:	283835
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	30.4	27.2	40.8
92	19.1	17.7	26.5



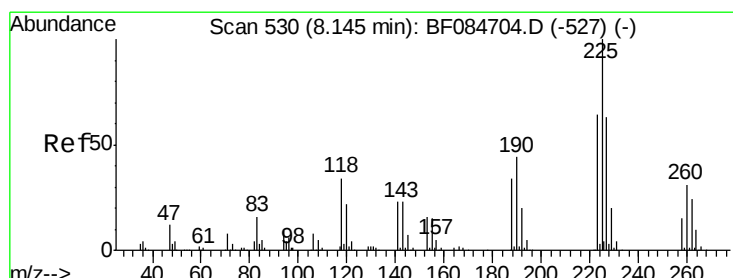
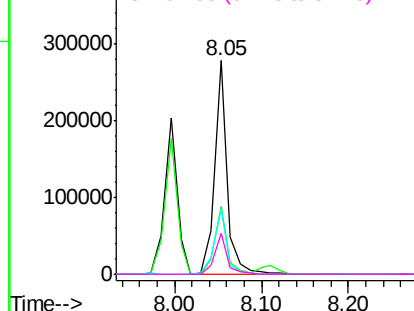
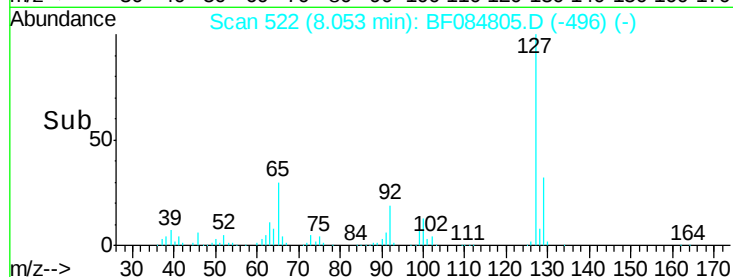
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

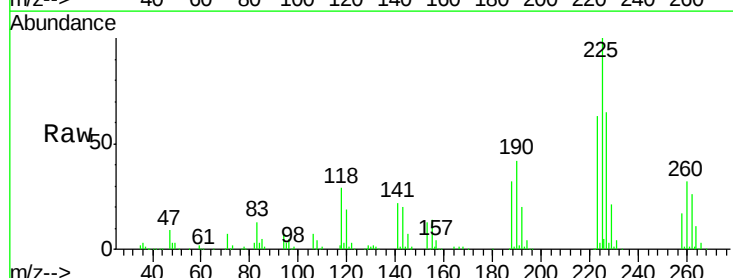
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 44.73 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion:	225	Resp:	291321
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	64.8	50.8	76.2

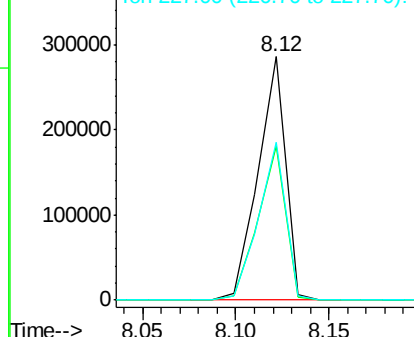
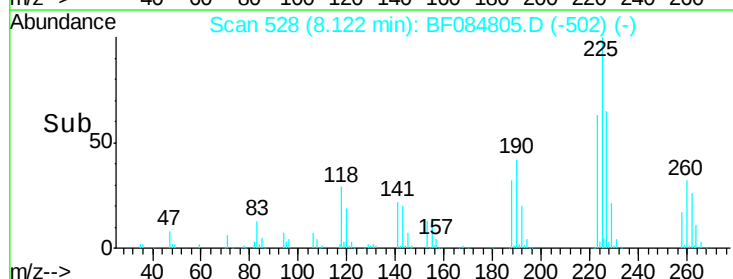


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.26 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

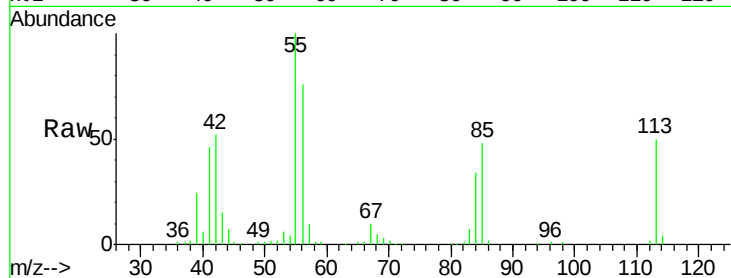
Tgt Ion:113 Resp: 84037

Ion Ratio Lower Upper

113 100

55 198.6 116.9 156.9#

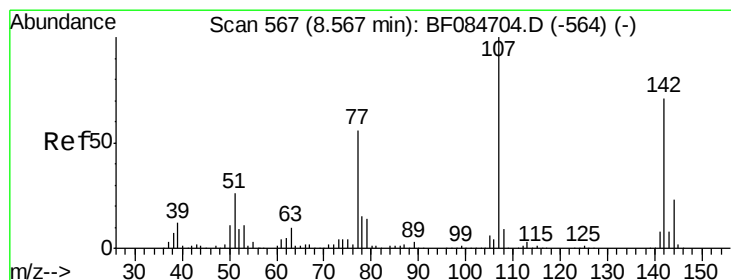
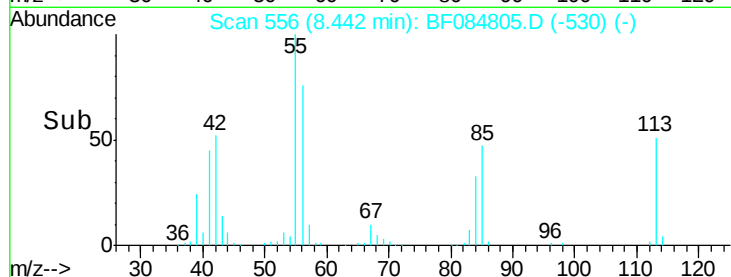
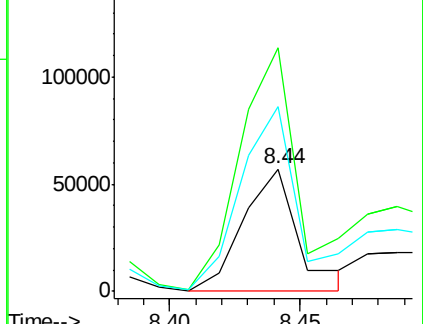
56 151.0 93.8 133.8#



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: 46.35 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

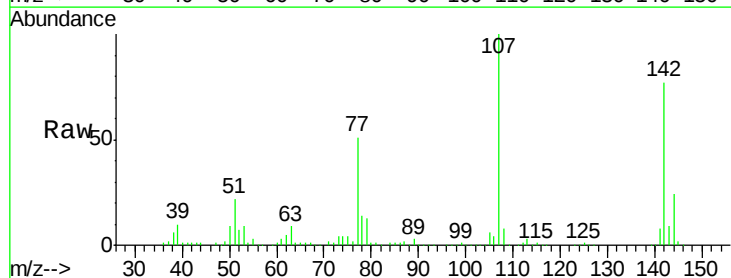
Tgt Ion:107 Resp: 528812

Ion Ratio Lower Upper

107 100

144 24.4 19.7 29.5

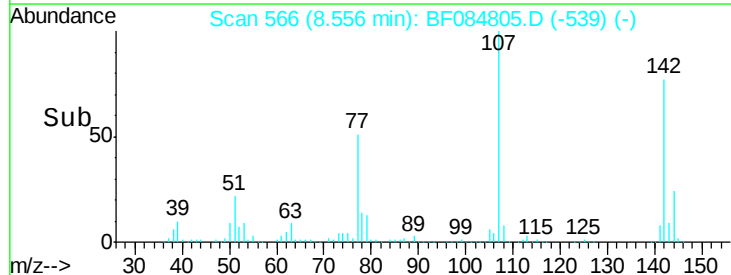
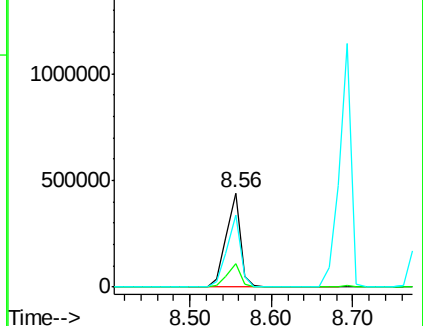
142 76.6 61.8 92.6

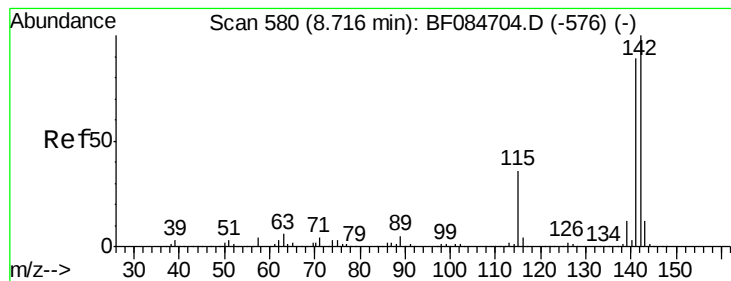


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.66 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

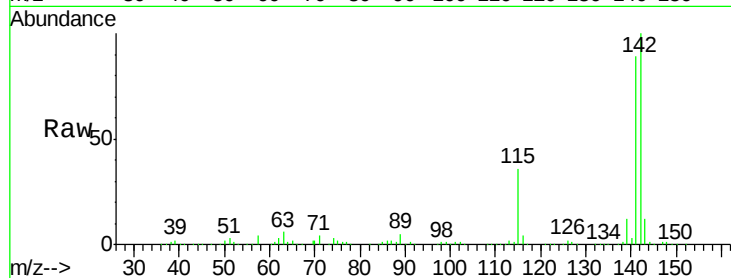
Tgt Ion:142 Resp: 1184833

Ion Ratio Lower Upper

142 100

141 88.6 72.4 108.6

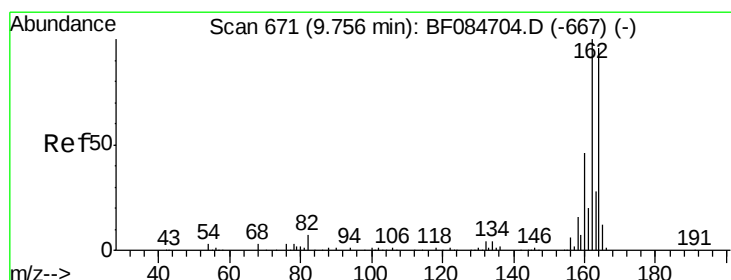
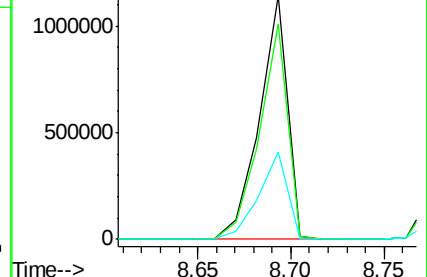
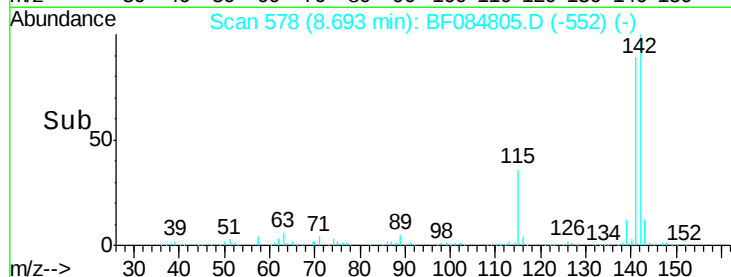
115 36.0 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

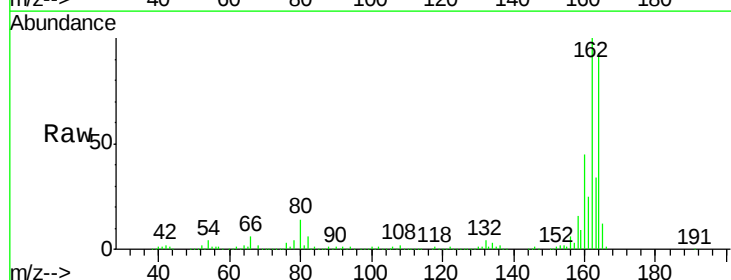
Tgt Ion:164 Resp: 340255

Ion Ratio Lower Upper

164 100

162 107.2 85.1 127.7

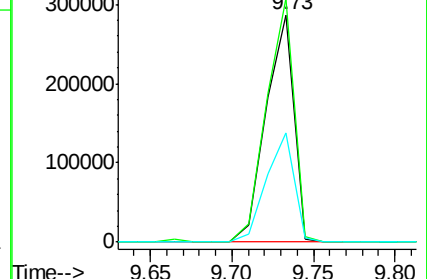
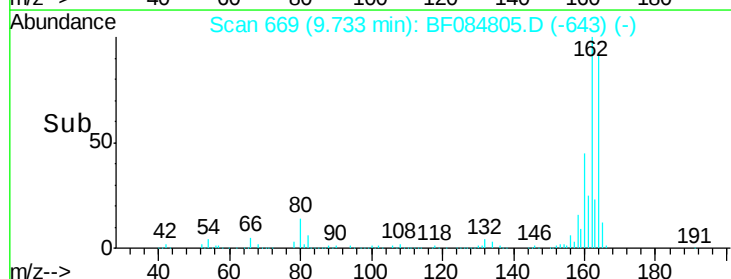
160 48.2 37.5 56.3

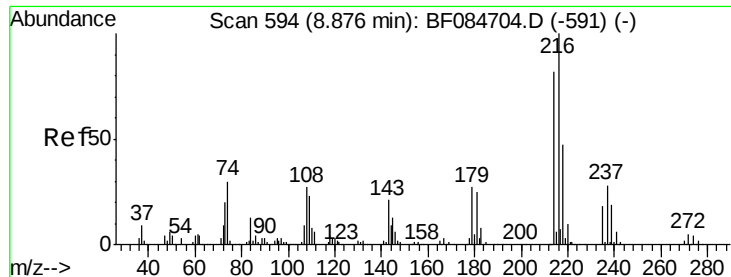


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.52 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

Tgt Ion:216 Resp: 437901

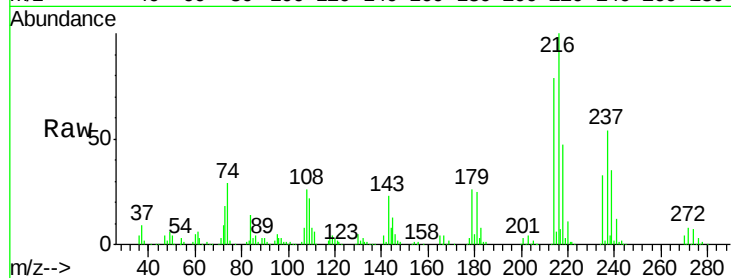
Ion Ratio Lower Upper

216 100

214 78.7 64.2 96.2

179 22.3 18.7 28.1

108 21.7 16.8 25.2

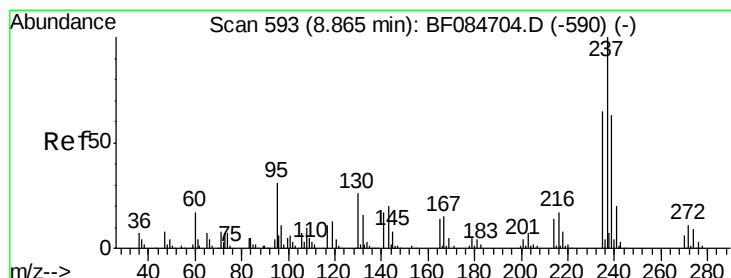
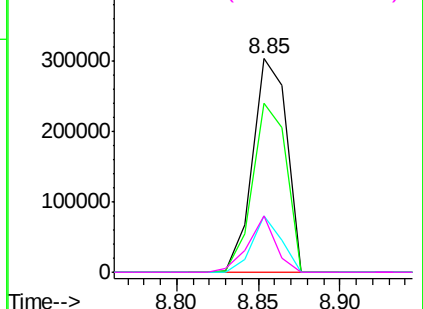
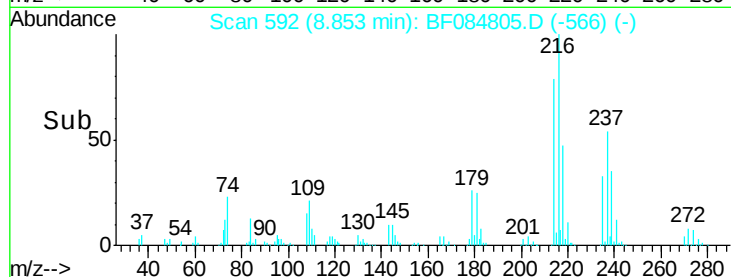


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.52 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

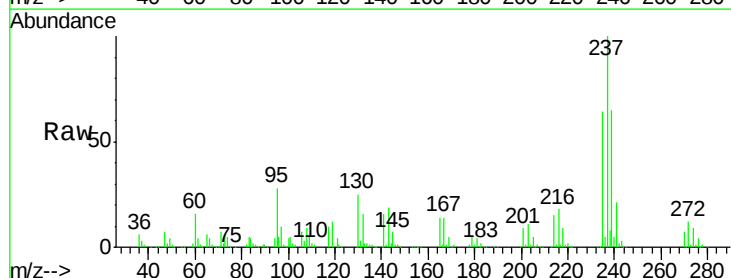
Tgt Ion:237 Resp: 419475

Ion Ratio Lower Upper

237 100

235 64.2 43.1 83.1

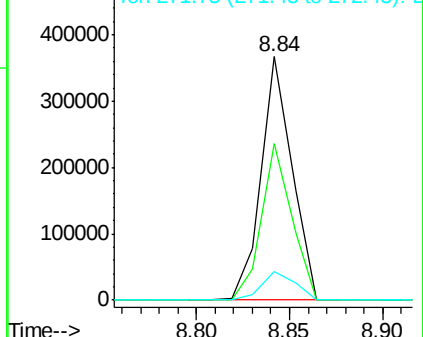
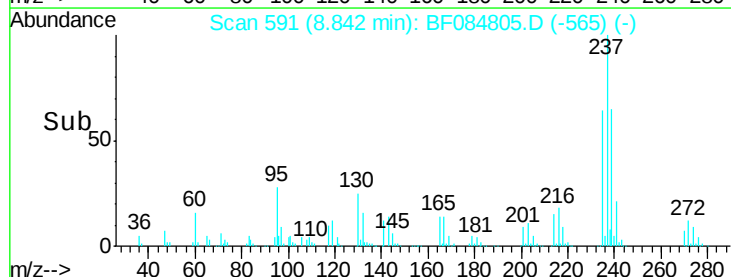
272 11.8 0.0 35.1

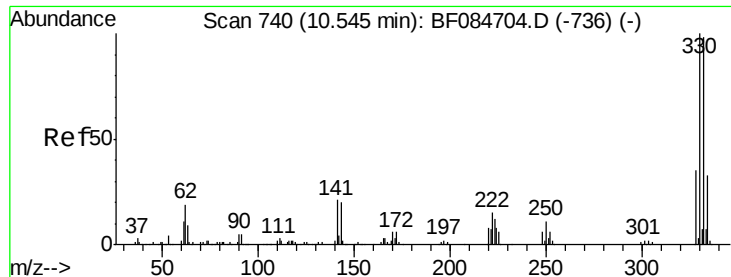


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

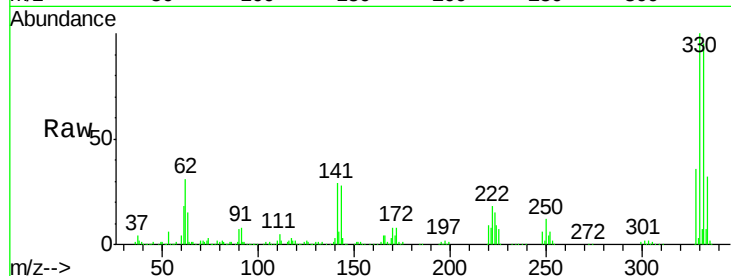




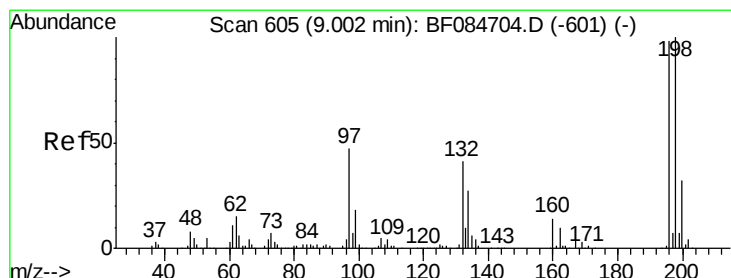
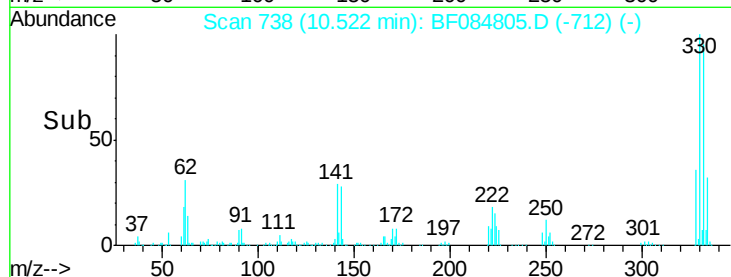
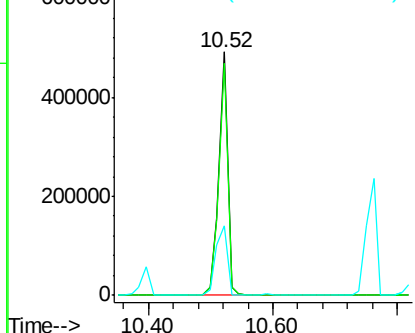
#41
 2,4,6-Tribromophenol
 Concen: 134.37 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tgt Ion:330 Resp: 476887
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 37.5 27.8 41.6

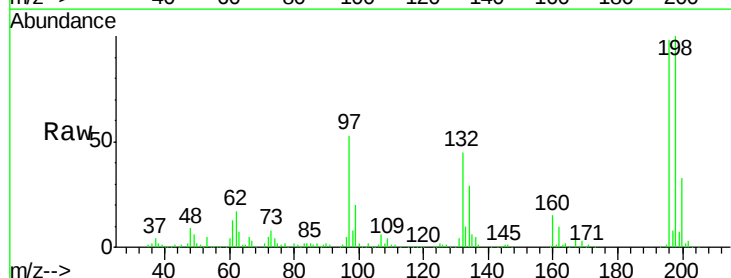


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

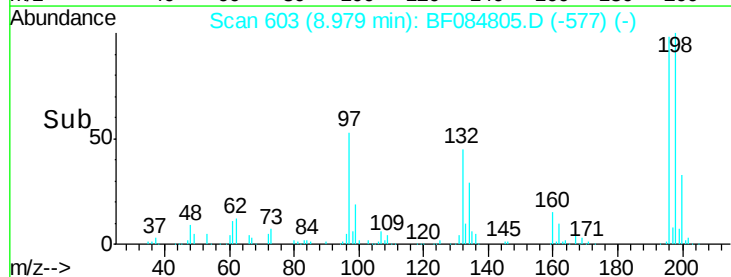
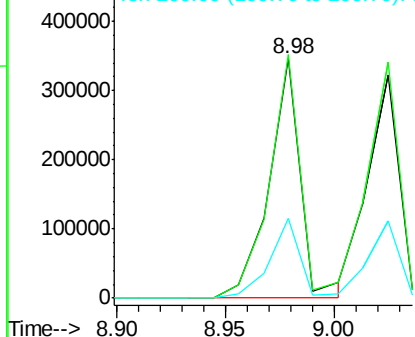


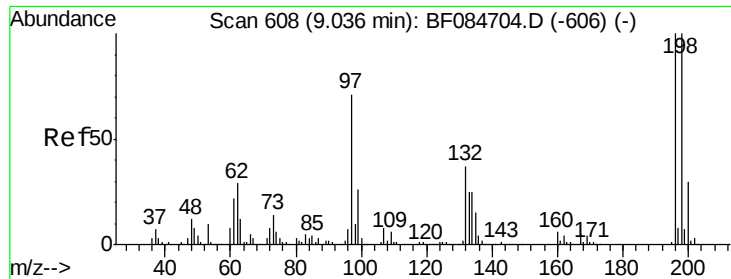
#42
 2,4,6-Trichlorophenol
 Concen: 50.76 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion:196 Resp: 353404
 Ion Ratio Lower Upper
 196 100
 198 101.6 77.7 116.5
 200 33.2 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

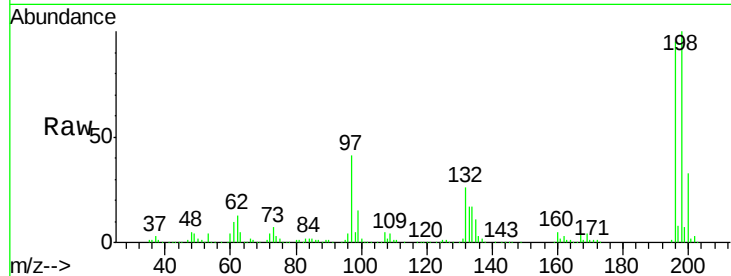




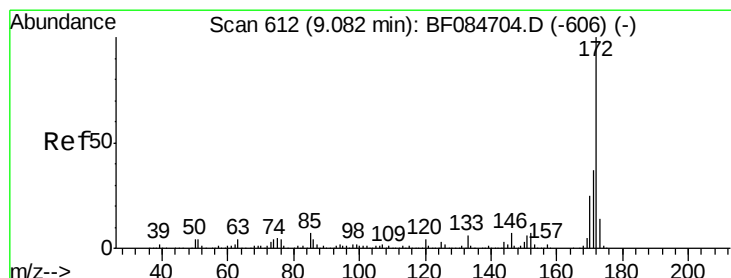
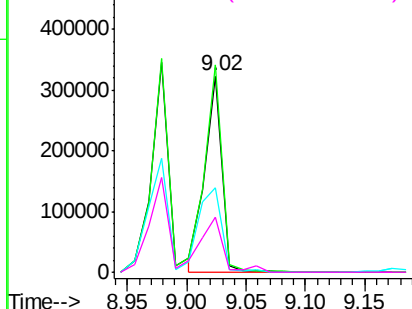
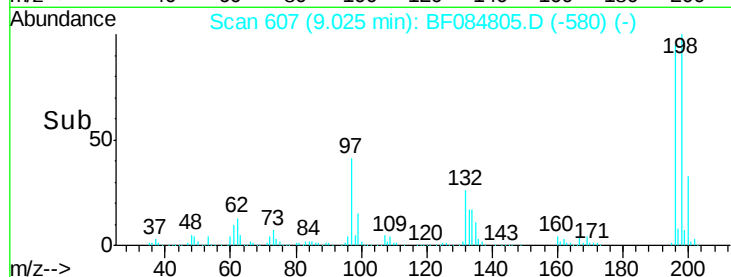
#43
 2,4,5-Trichlorophenol
 Concen: 46.17 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tgt Ion:196 Resp: 326624
 Ion Ratio Lower Upper
 196 100
 198 105.6 79.0 118.6
 97 43.3 33.0 49.6
 132 27.8 21.1 31.7

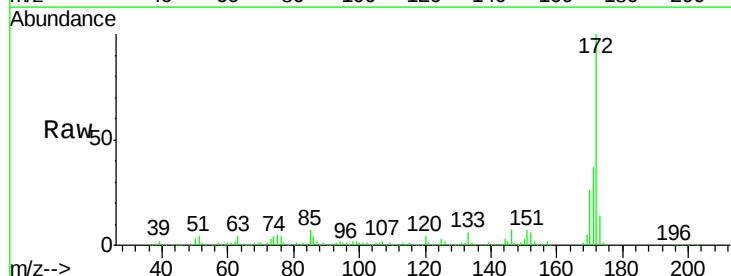


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

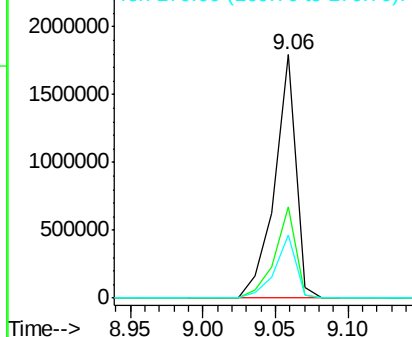
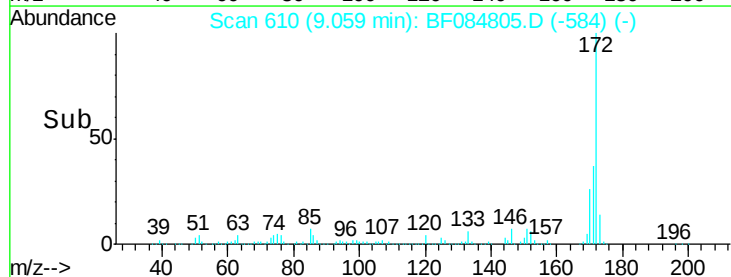


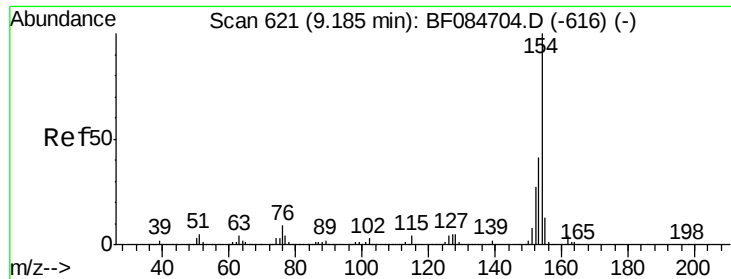
#44
 2-Fluorobiphenyl
 Concen: 94.10 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion:172 Resp: 1832963
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.8 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 44.02 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

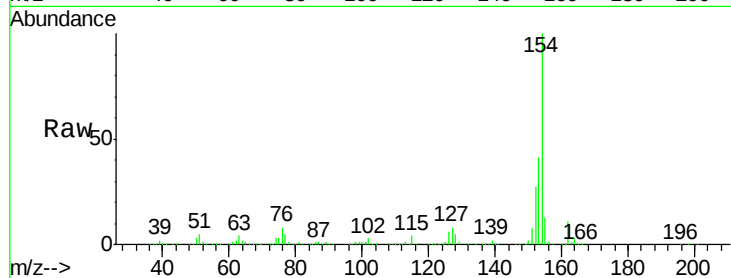
Tgt Ion:154 Resp: 1337819

Ion Ratio Lower Upper

154 100

153 40.9 21.6 61.6

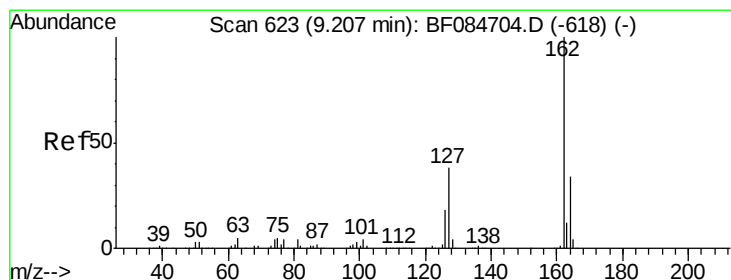
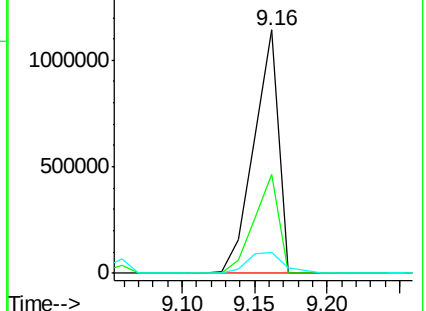
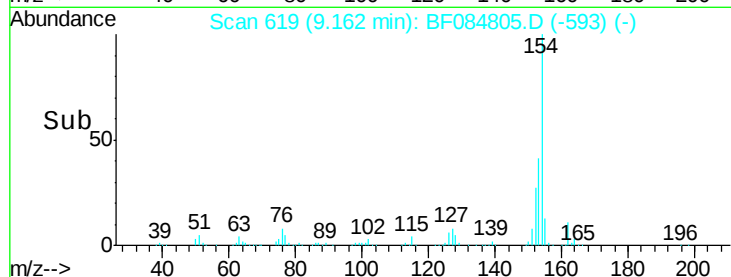
76 8.5 0.0 32.7



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: 43.92 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

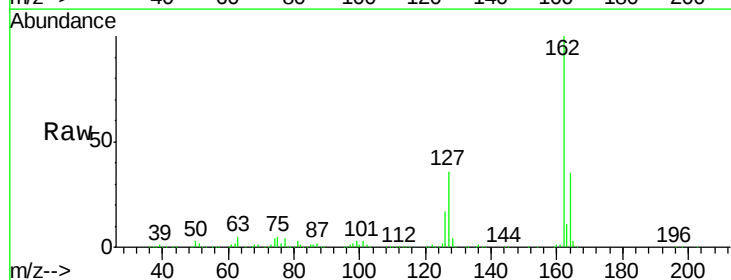
Tgt Ion:162 Resp: 983070

Ion Ratio Lower Upper

162 100

127 36.3 40.2 60.4#

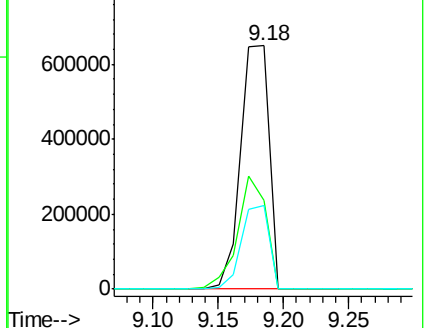
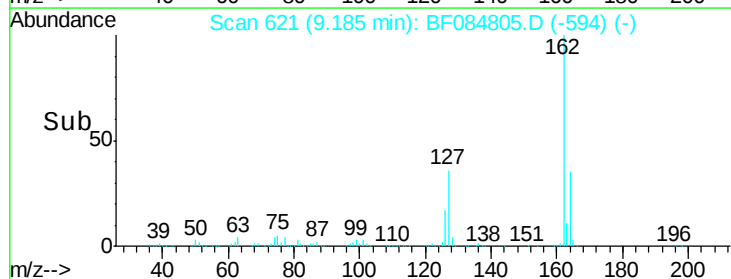
164 34.5 25.7 38.5

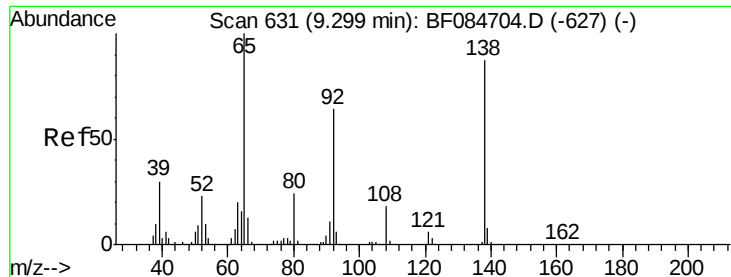


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.37 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

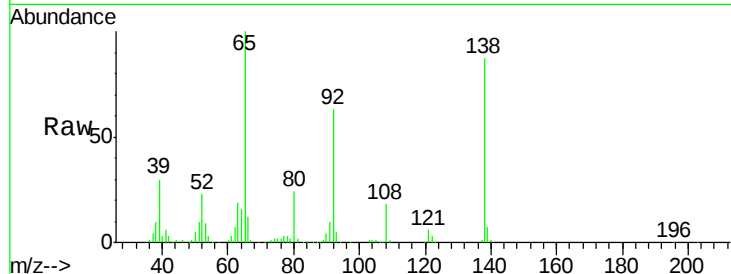
Tgt Ion: 65 Resp: 328584

Ion Ratio Lower Upper

65 100

92 63.4 53.4 80.2

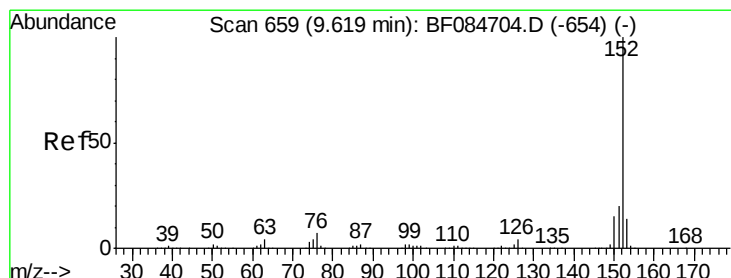
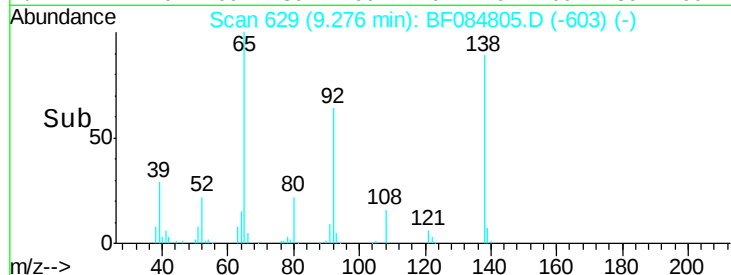
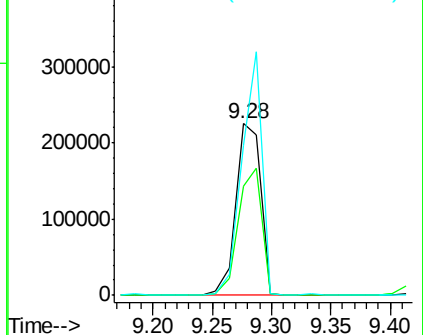
138 87.5 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 45.44 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

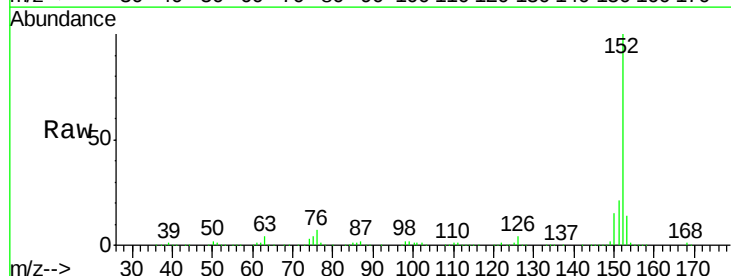
Tgt Ion: 152 Resp: 1543432

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

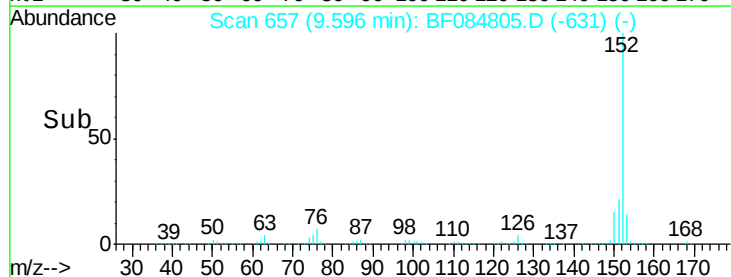
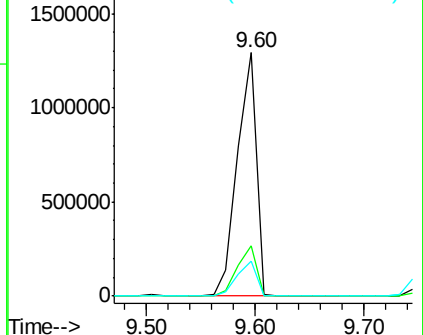
153 14.3 10.4 15.6

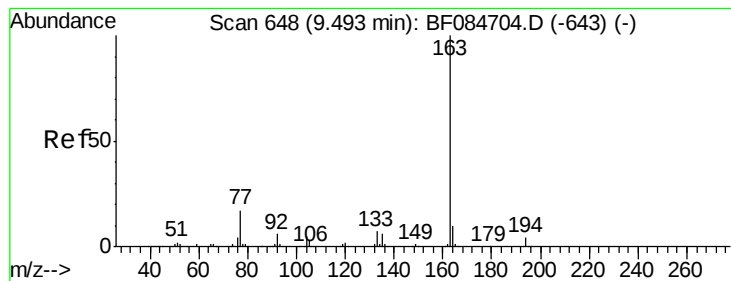


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 53.31 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

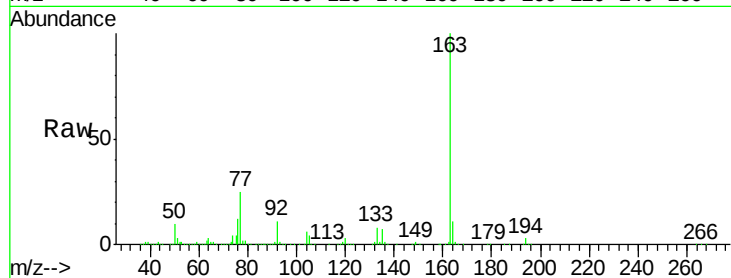
Tgt Ion:163 Resp: 1381525

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

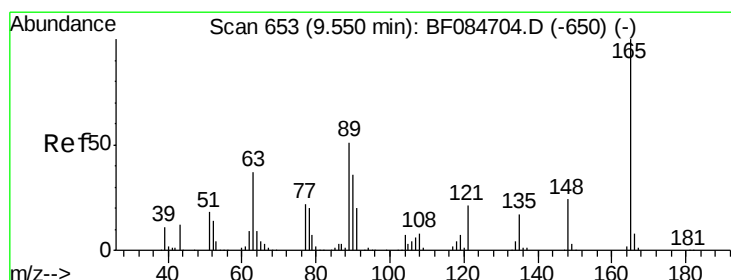
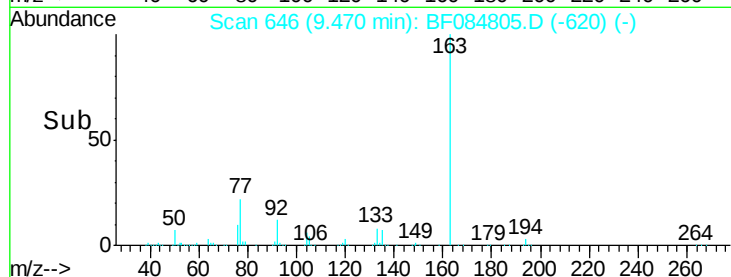
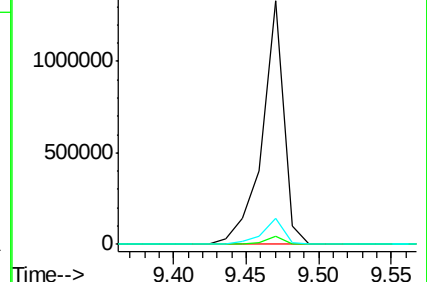
164 10.9 8.0 12.0



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: 43.98 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

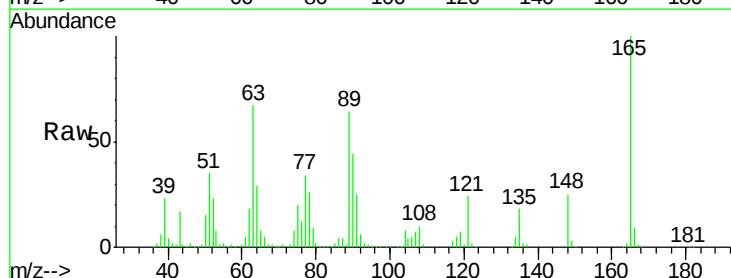
Tgt Ion:165 Resp: 248993

Ion Ratio Lower Upper

165 100

63 67.0 28.8 43.2#

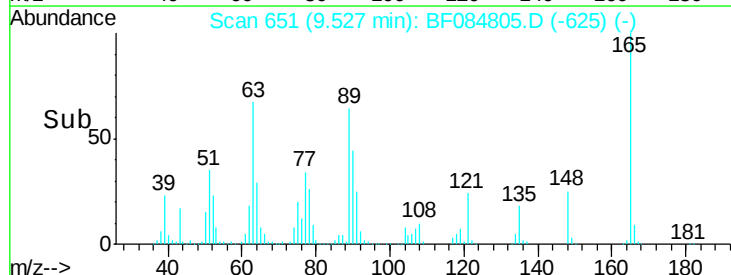
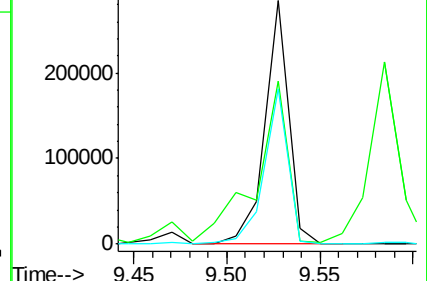
89 63.7 35.1 52.7#

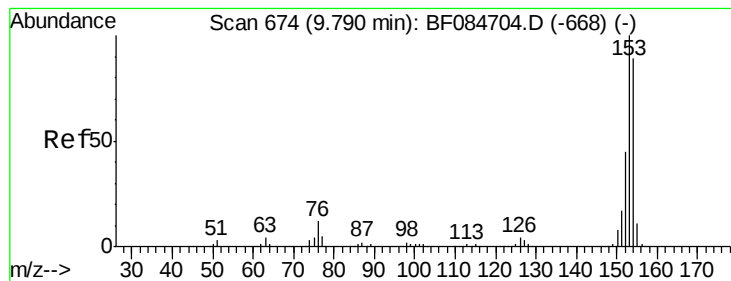


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.78 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

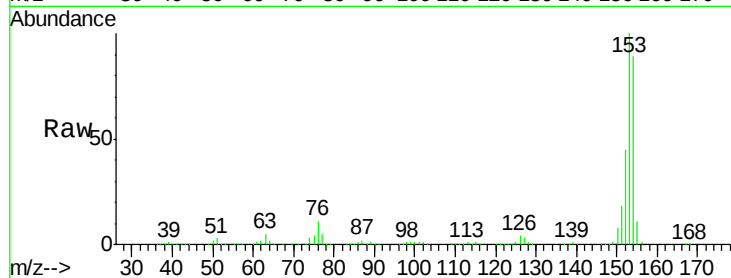
Tgt Ion:154 Resp: 989541

Ion Ratio Lower Upper

154 100

153 112.5 91.5 137.3

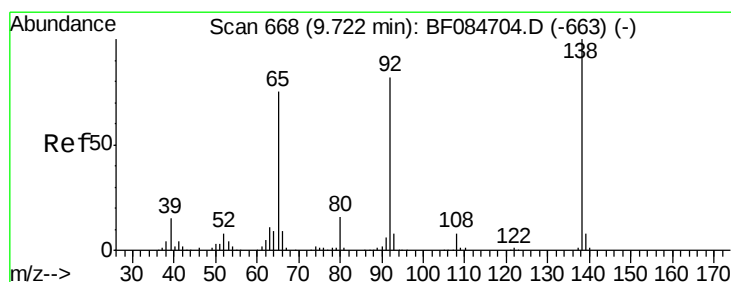
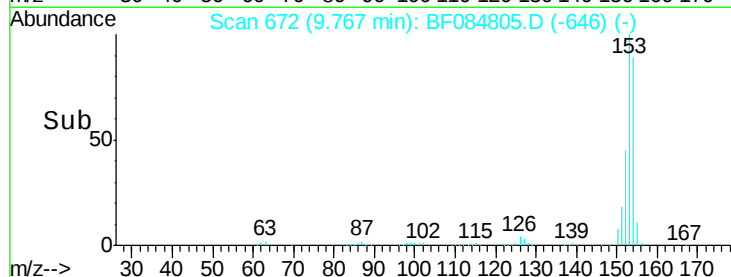
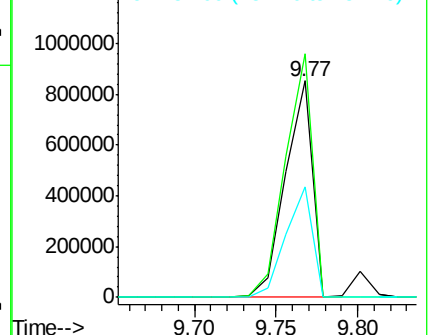
152 51.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.13 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

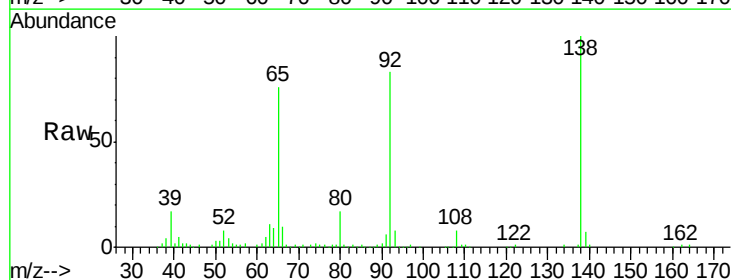
Tgt Ion:138 Resp: 191708

Ion Ratio Lower Upper

138 100

108 7.8 10.5 15.7#

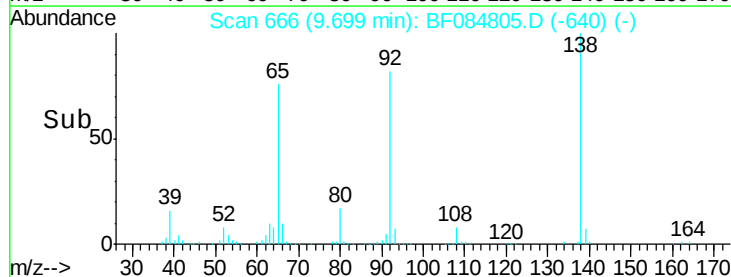
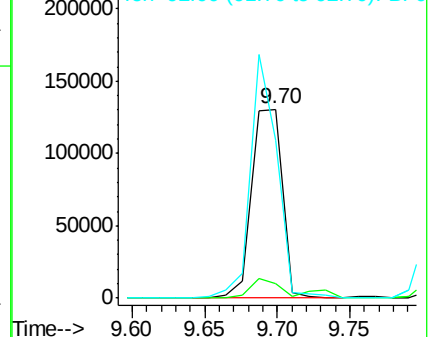
92 83.4 103.9 155.9#

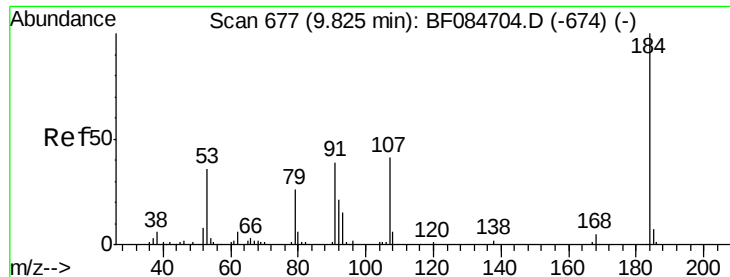


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

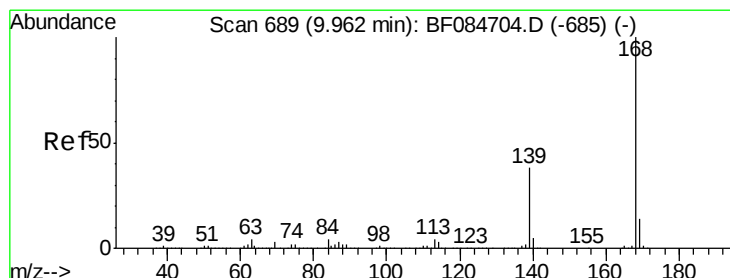
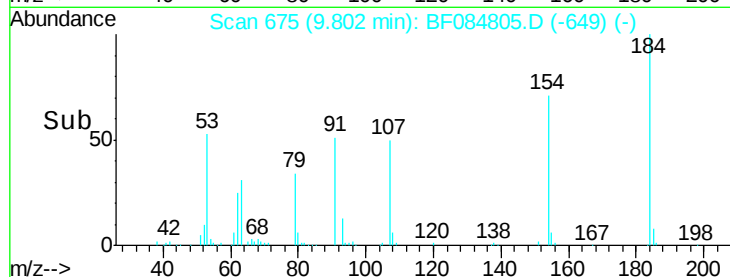
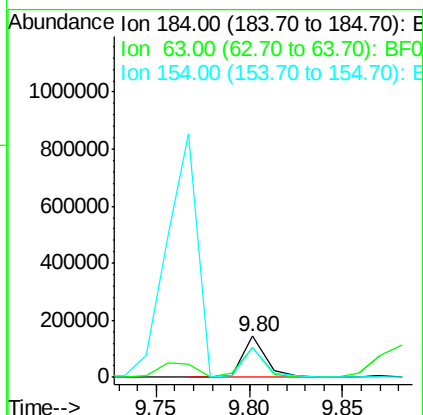
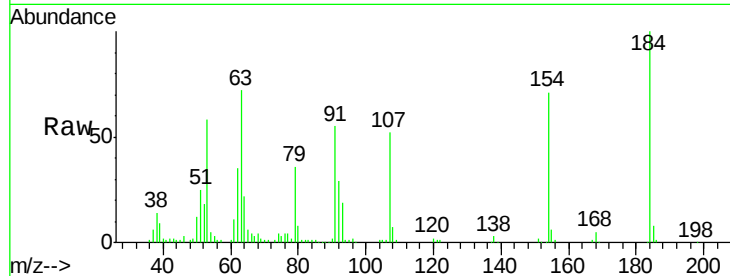




#53
 2,4-Dinitrophenol
 Concen: 51.16 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

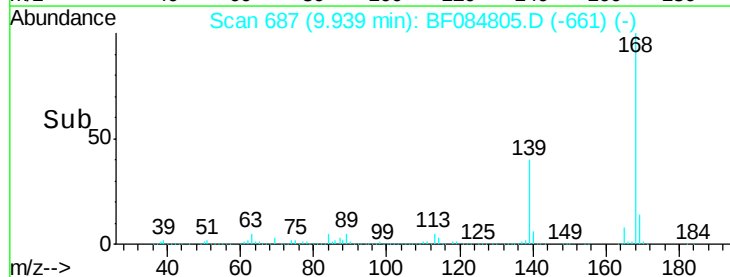
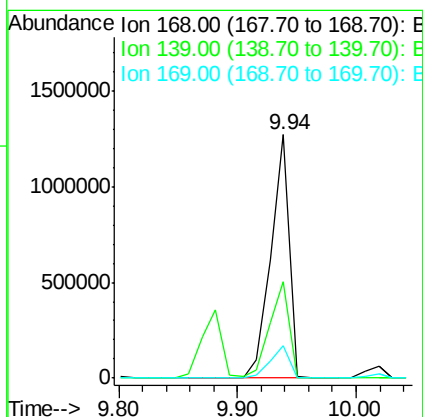
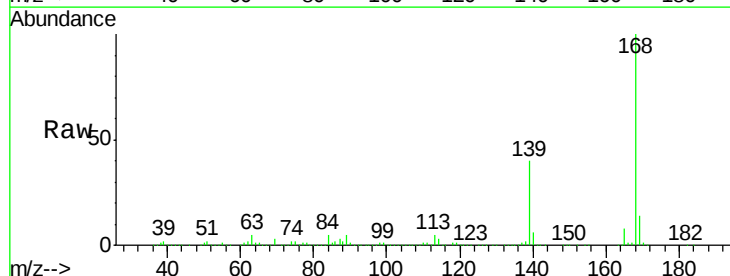
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

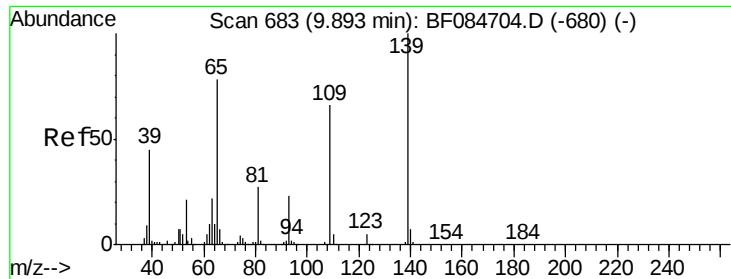
Tgt Ion:184 Resp: 127781
 Ion Ratio Lower Upper
 184 100
 63 72.1 43.1 64.7#
 154 71.1 60.5 90.7



#54
 Dibenzofuran
 Concen: 50.79 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion:168 Resp: 1371587
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.5 45.7
 169 13.5 10.4 15.6

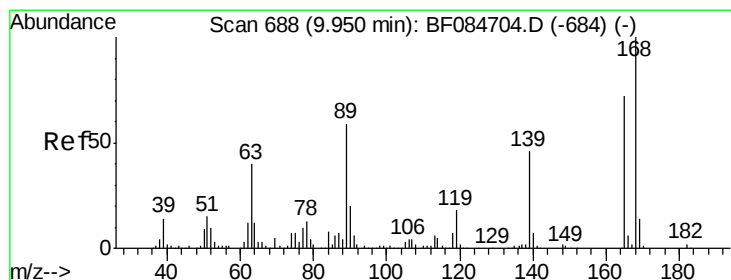
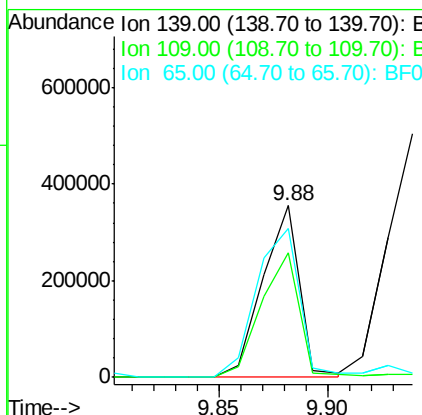
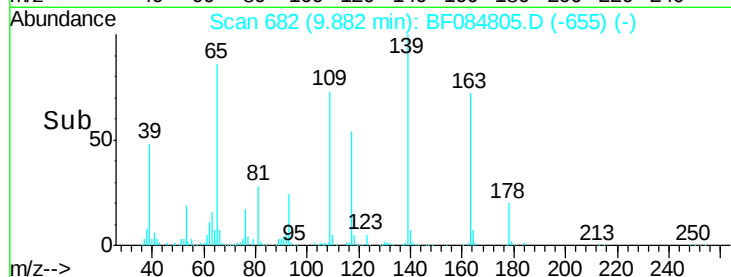
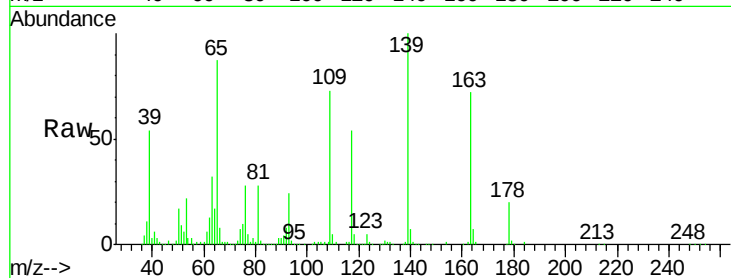




#55
4-Nitrophenol
Concen: 90.30 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

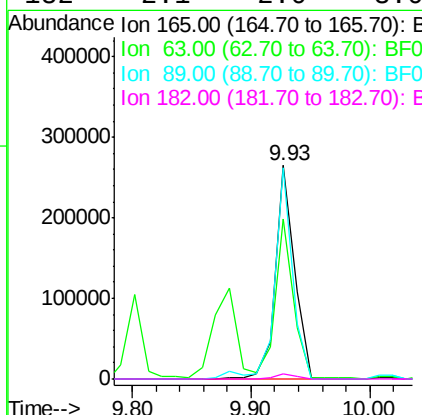
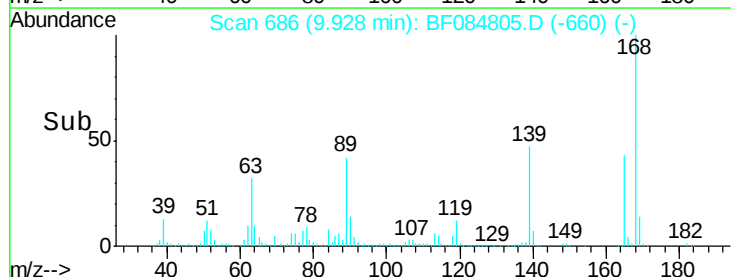
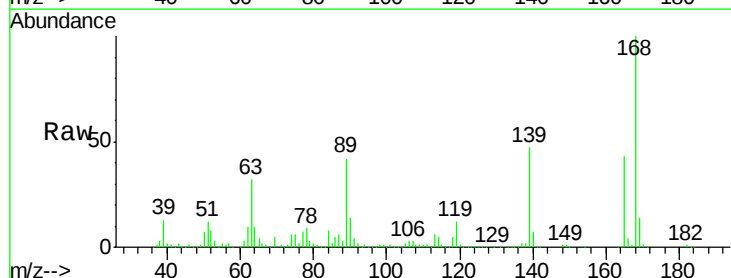
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

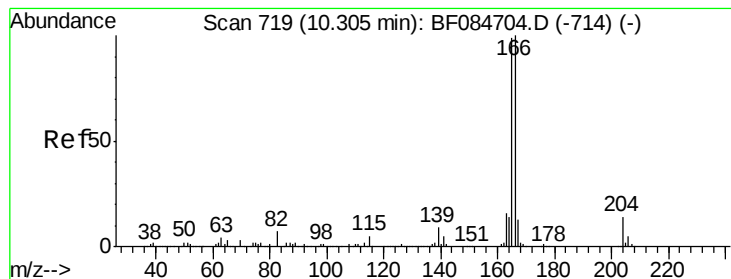
Tgt Ion:139 Resp: 422170
Ion Ratio Lower Upper
139 100
109 72.7 58.5 98.5
65 86.7 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 40.79 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion:165 Resp: 294562
Ion Ratio Lower Upper
165 100
63 74.9 36.7 55.1#
89 98.7 61.9 92.9#
182 2.1 2.0 3.0





#57

Fluorene

Concen: 45.14 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

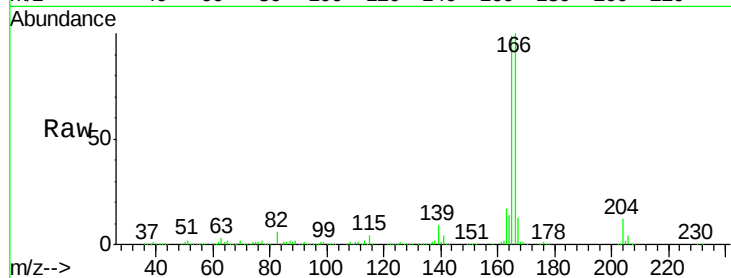
Tgt Ion:166 Resp: 1018014

Ion Ratio Lower Upper

166 100

165 99.0 79.1 118.7

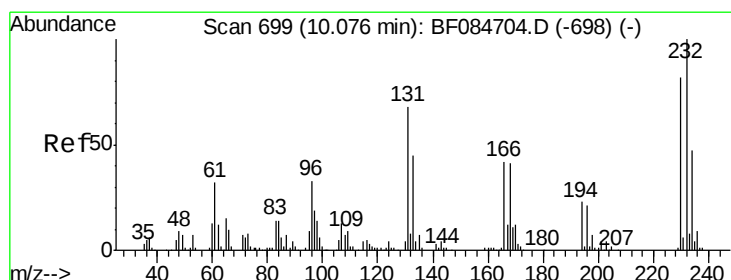
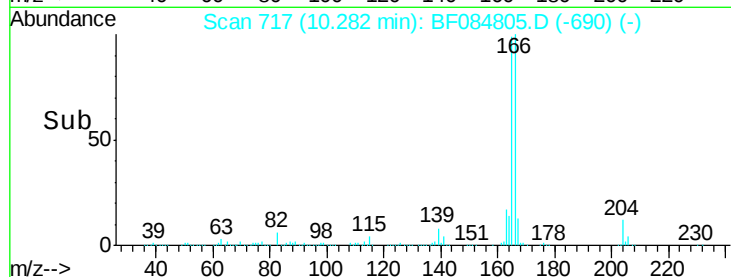
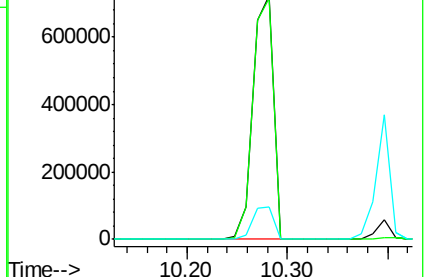
167 13.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.82 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion:232 Resp: 262916

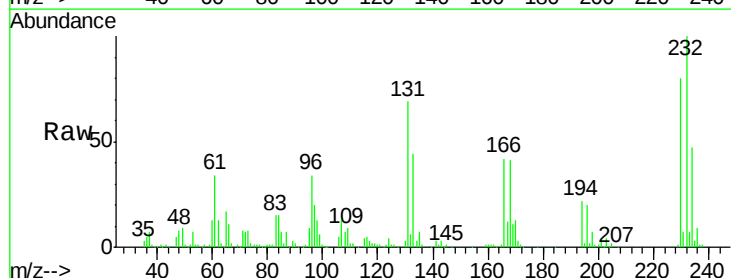
Ion Ratio Lower Upper

232 100

131 50.0 47.0 70.6

130 2.4 2.0 3.0

166 32.6 30.5 45.7

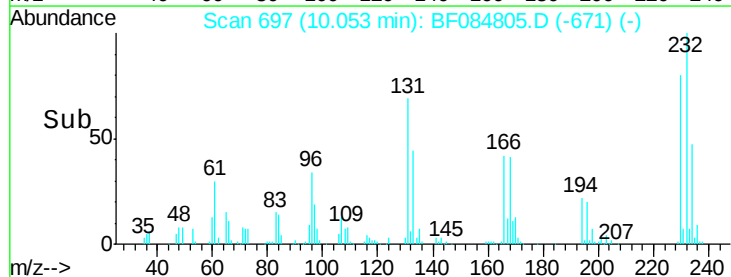
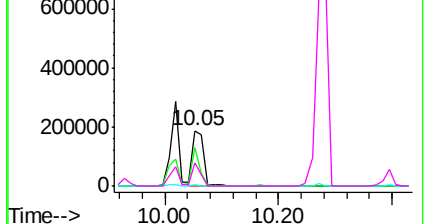


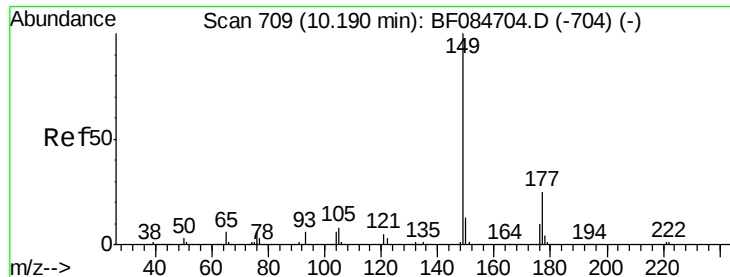
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

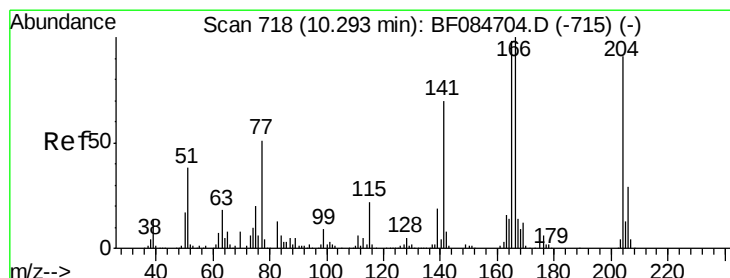
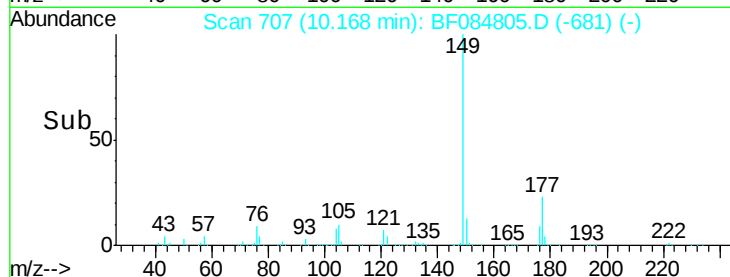
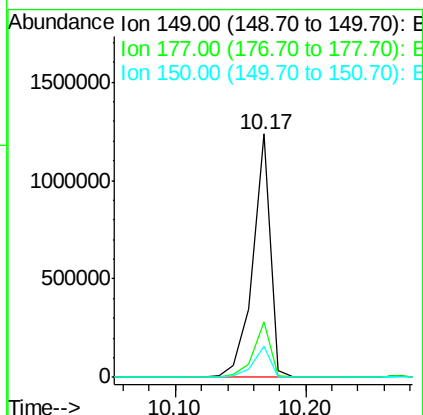
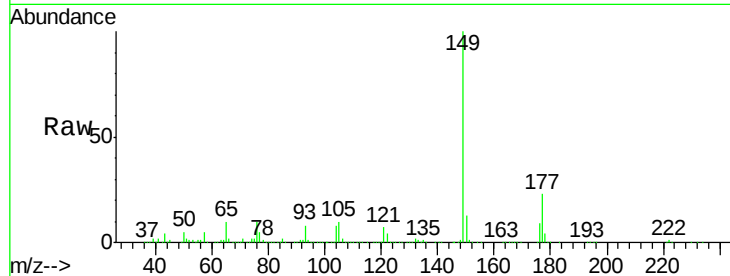




#59
Diethylphthalate
Concen: 45.73 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

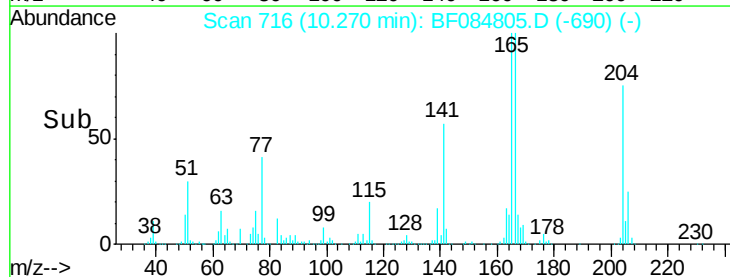
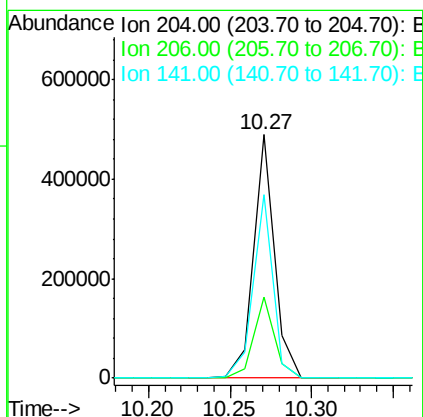
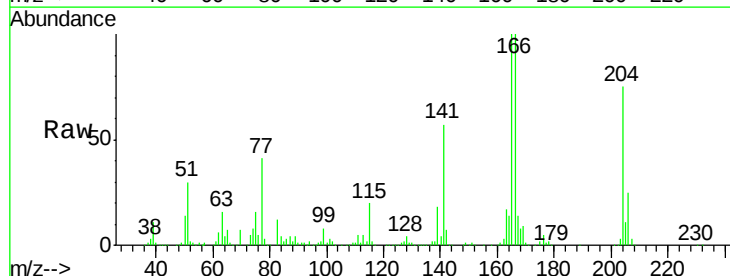
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

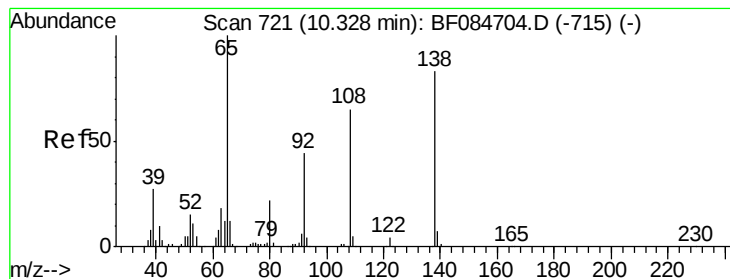
Tgt Ion:149 Resp: 1157280
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 46.25 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion:204 Resp: 436309
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 75.4 55.1 82.7





#61

4-Nitroaniline

Concen: 47.74 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

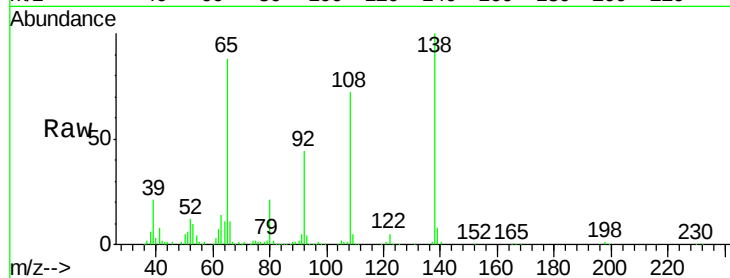
Tgt Ion:138 Resp: 295962

Ion Ratio Lower Upper

138 100

92 44.4 32.6 72.6

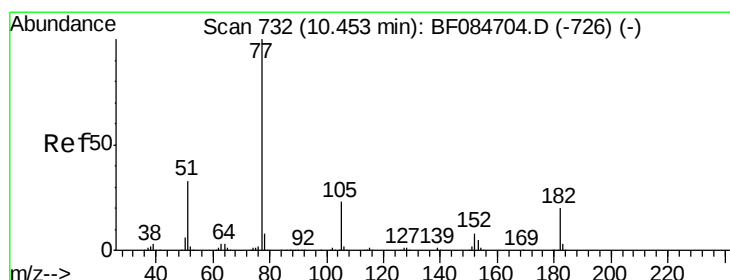
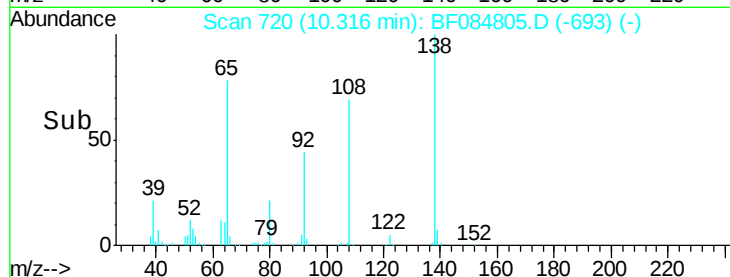
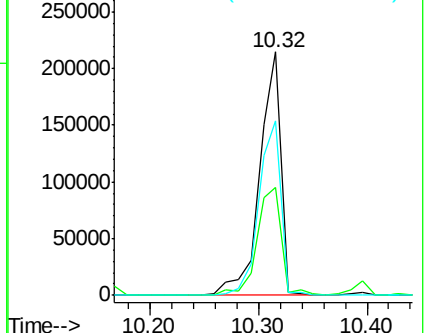
108 71.9 68.6 108.6



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: 48.38 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Tgt Ion: 77 Resp: 1177287

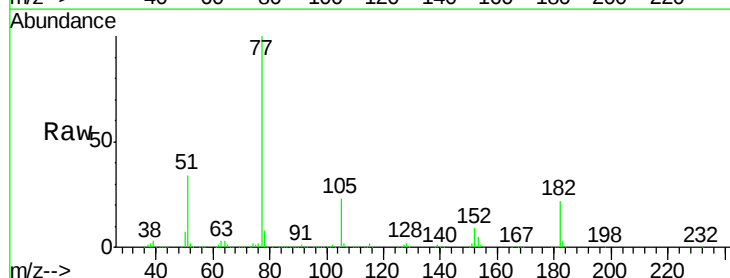
Ion Ratio Lower Upper

77 100

182 21.8 8.3 48.3

105 23.1 4.6 44.6

51 33.6 6.2 46.2

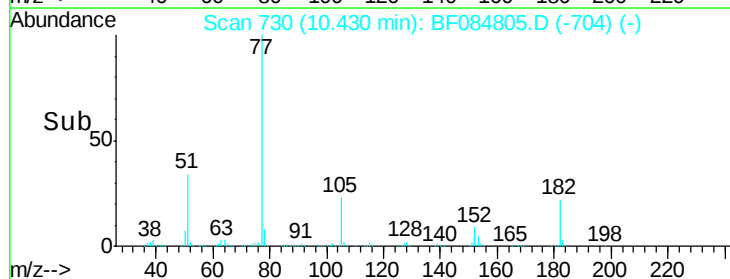
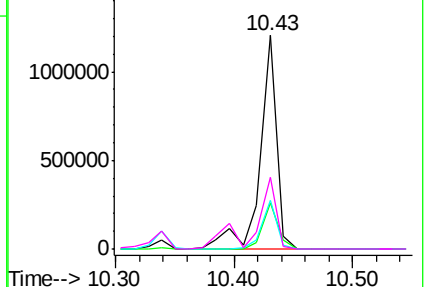


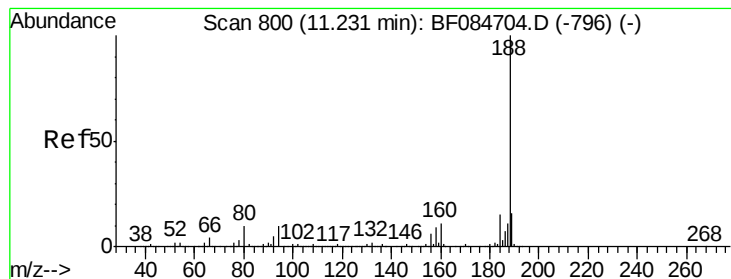
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): 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: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

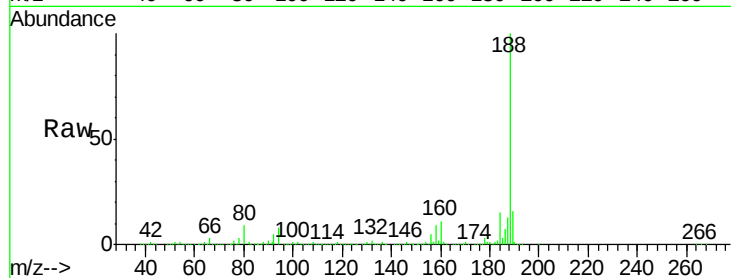
Tgt Ion:188 Resp: 618465

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.4#

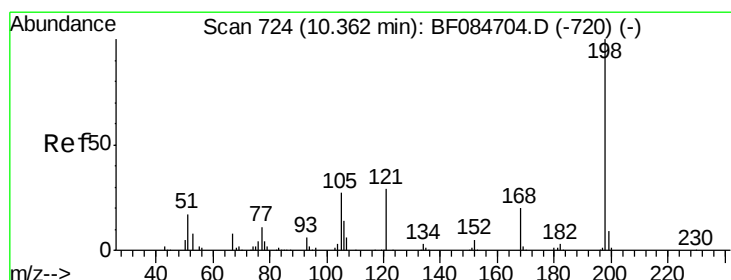
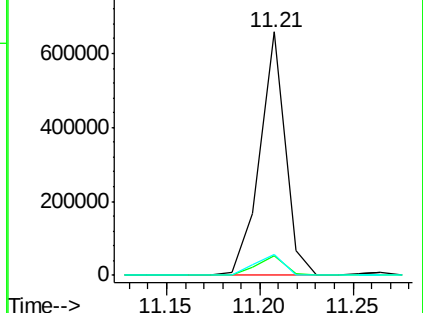
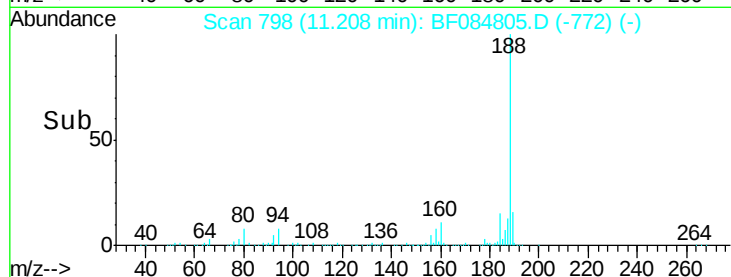
80 8.6 9.6 14.4#



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: 46.82 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

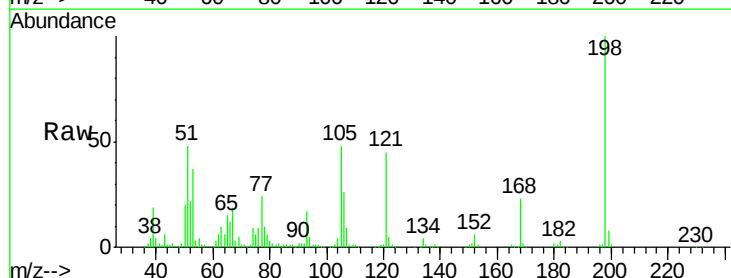
Tgt Ion:198 Resp: 178706

Ion Ratio Lower Upper

198 100

51 48.4 18.9 58.9

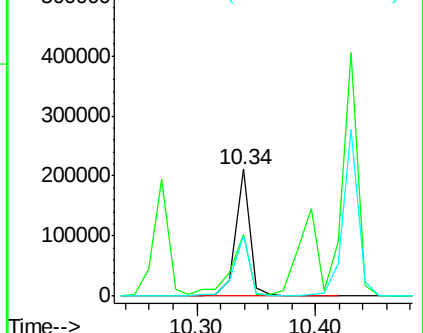
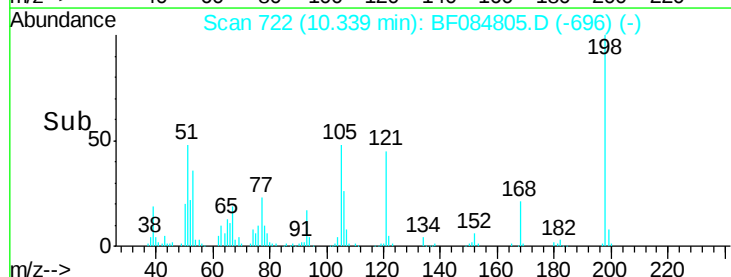
105 47.7 26.4 66.4

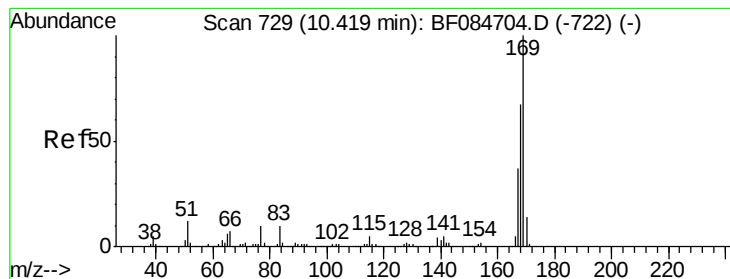


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

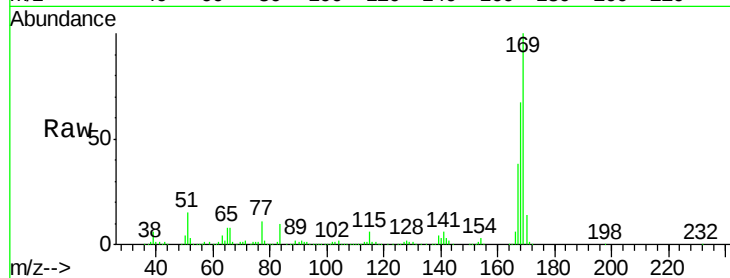




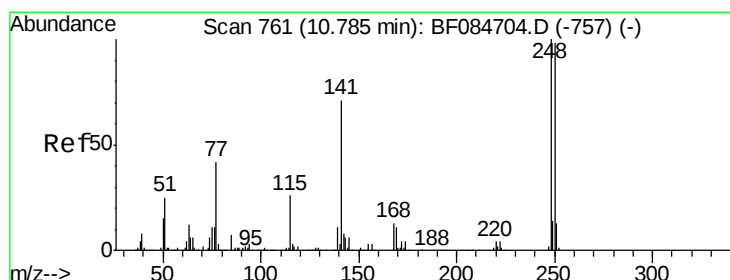
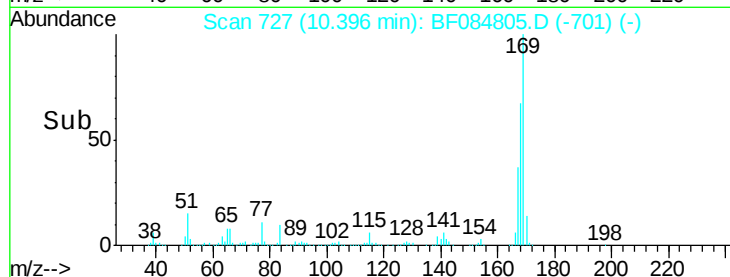
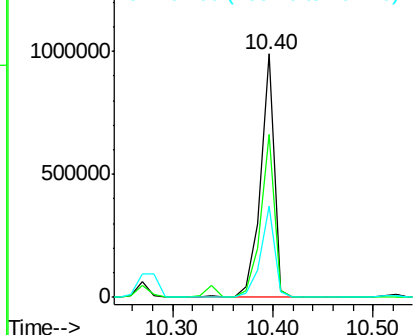
#65
 n-Nitrosodiphenylamine
 Concen: 47.99 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tgt Ion:169 Resp: 942510
 Ion Ratio Lower Upper
 169 100
 168 67.1 55.1 82.7
 167 37.5 30.0 45.0

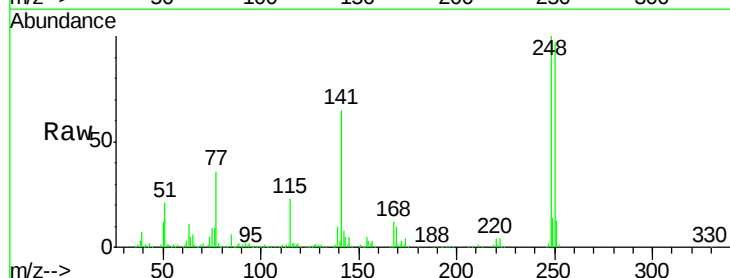


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

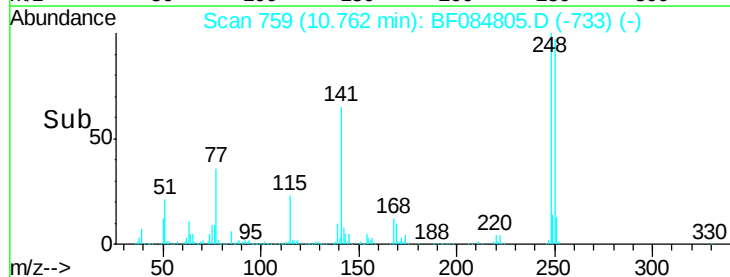
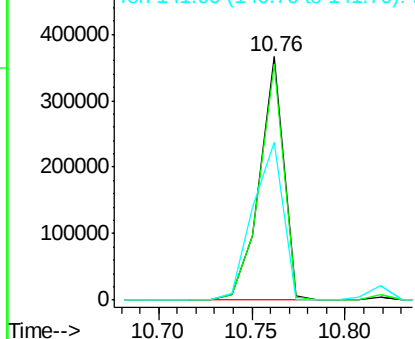


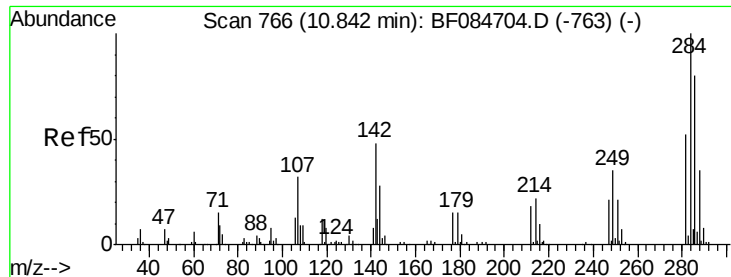
#66
 4-Bromophenyl-phenylether
 Concen: 47.97 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion:248 Resp: 327677
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.4 117.6
 141 64.6 44.0 66.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

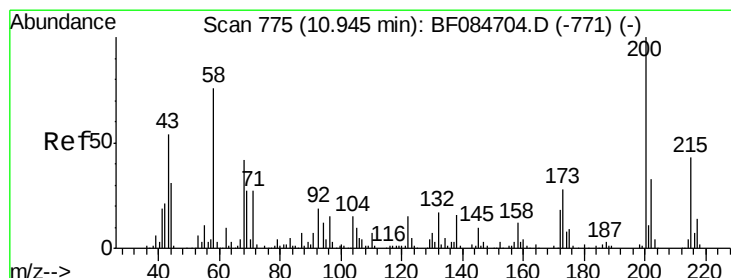
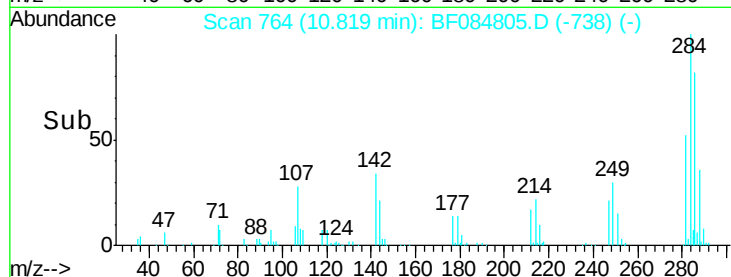
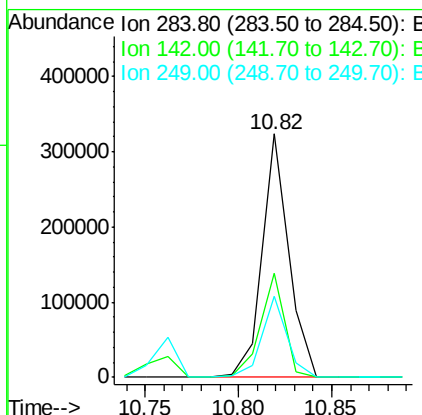
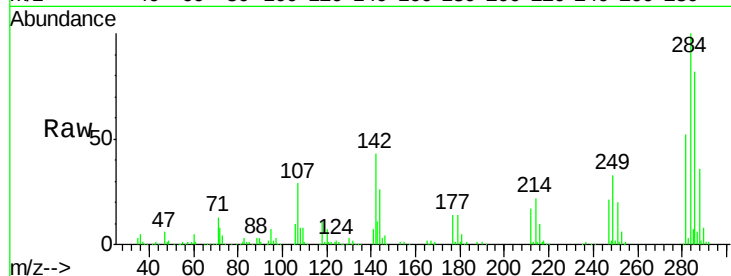




#67
Hexachlorobenzene
Concen: 42.48 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

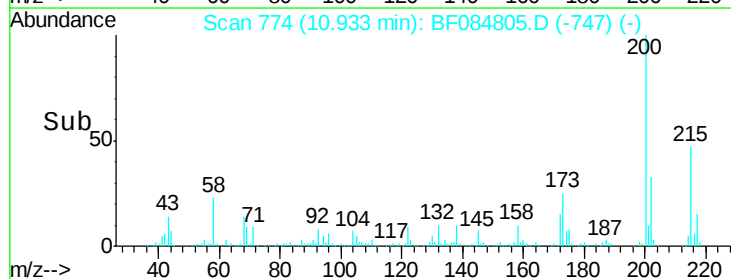
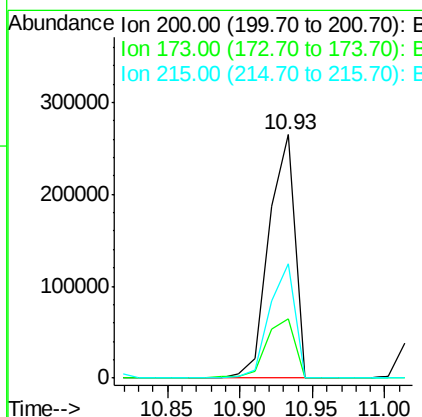
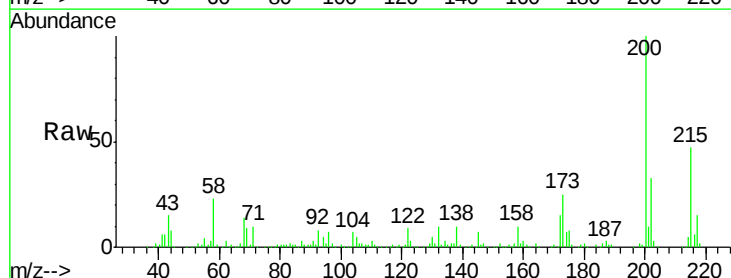
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

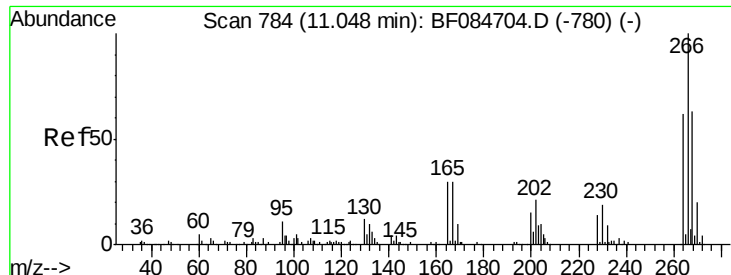
Tgt Ion:284 Resp: 316181
Ion Ratio Lower Upper
284 100
142 42.9 22.2 33.4#
249 33.4 24.6 37.0



#68
Atrazine
Concen: 52.97 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion:200 Resp: 328520
Ion Ratio Lower Upper
200 100
173 24.6 9.5 49.5
215 46.8 23.8 63.8

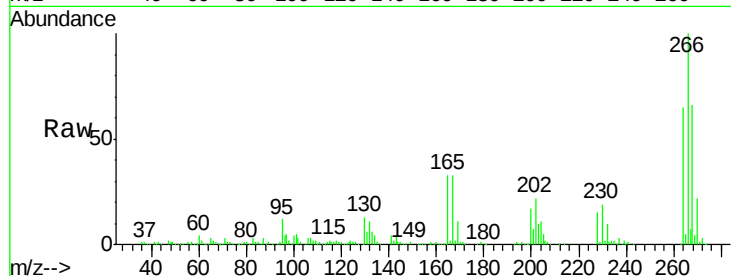




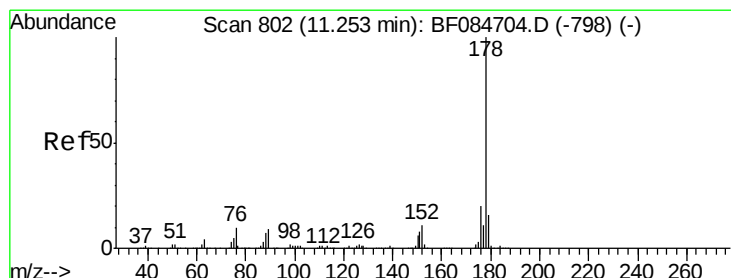
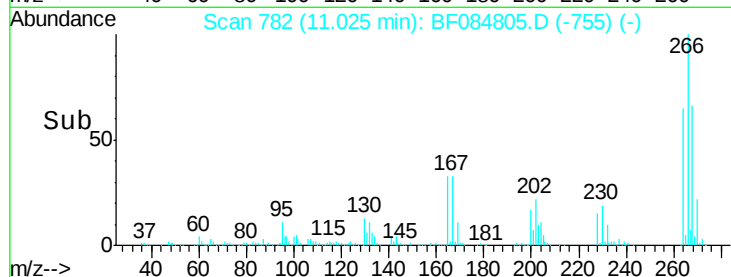
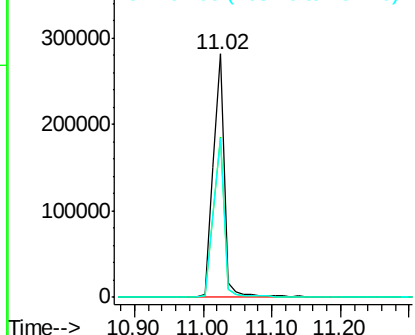
#69
 Pentachlorophenol
 Concen: 93.79 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tgt Ion:266 Resp: 328069
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.4 78.6
 264 65.3 50.2 75.2

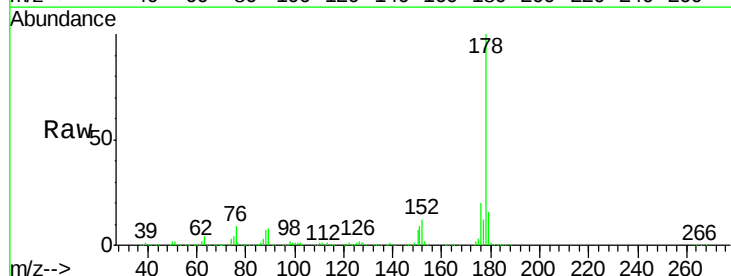


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

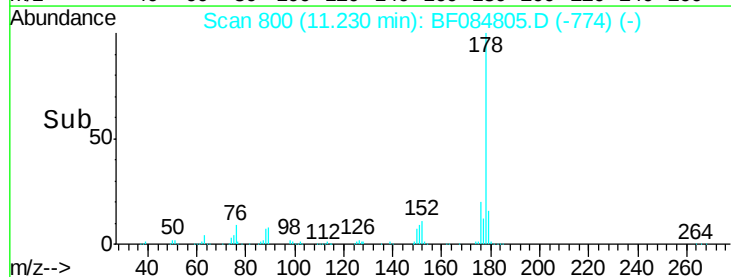
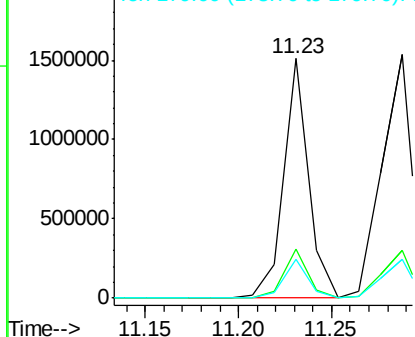


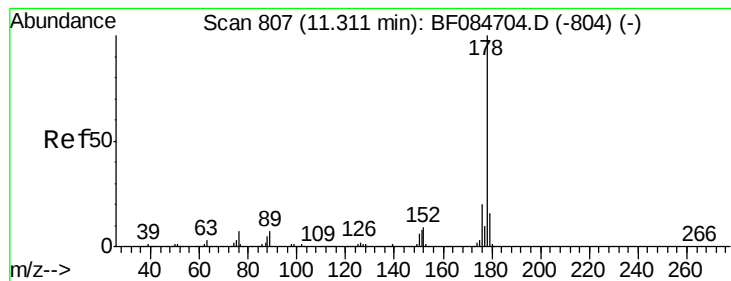
#70
 Phenanthrene
 Concen: 40.86 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion:178 Resp: 1401611
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.3 22.9
 179 16.4 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: 47.54 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

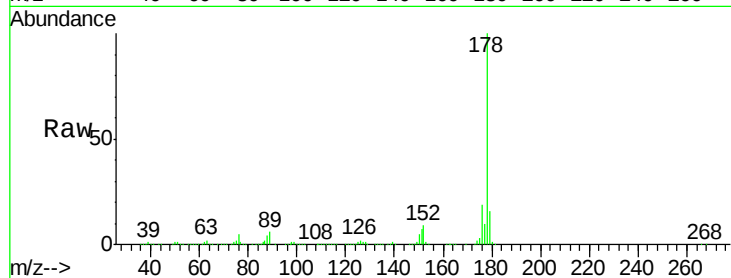
Tgt Ion:178 Resp: 1643330

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

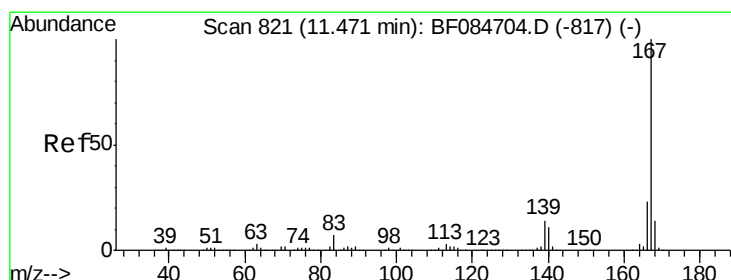
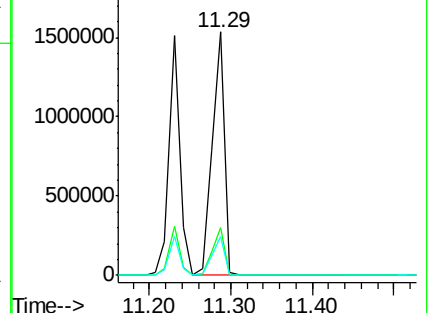
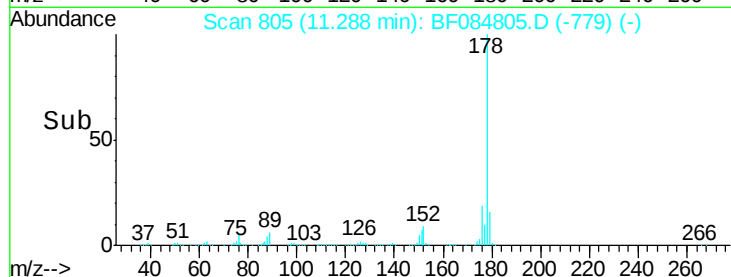
179 15.9 12.5 18.7



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: 49.96 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

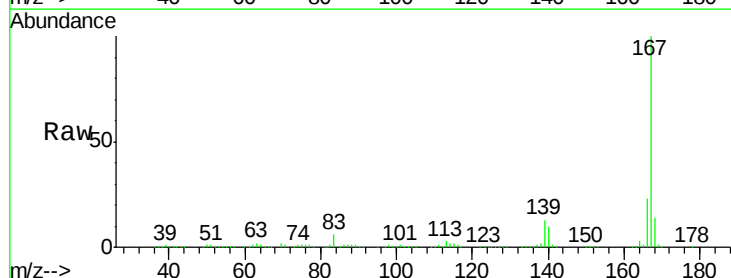
Tgt Ion:167 Resp: 1505732

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

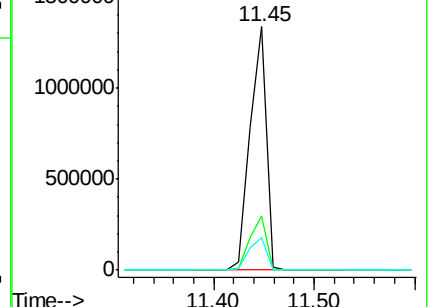
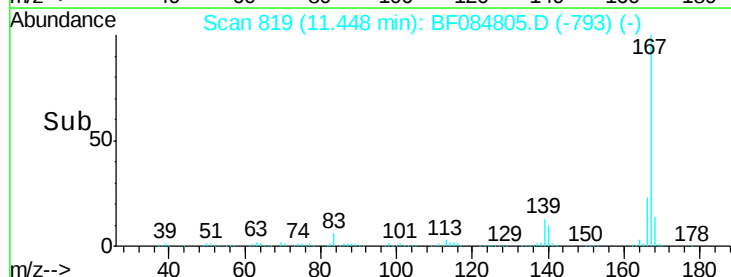
139 13.2 11.8 17.8

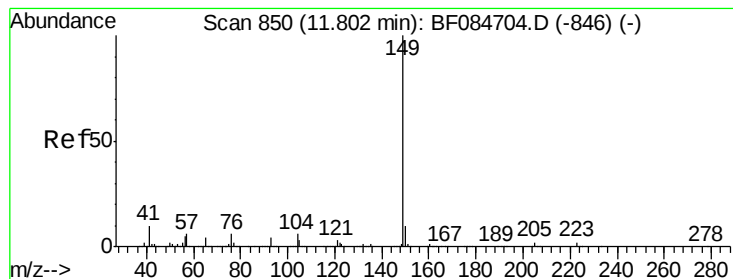


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.30 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

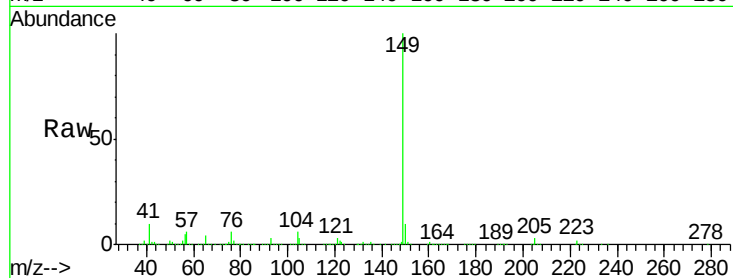
Tgt Ion:149 Resp: 1546373

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

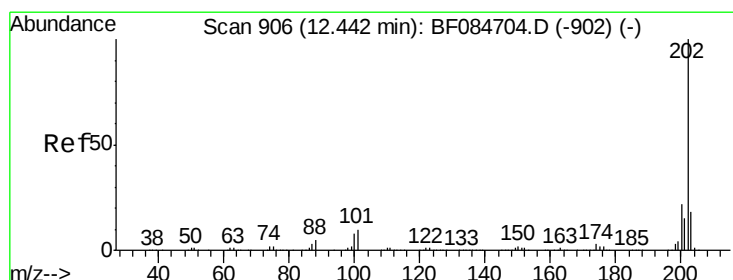
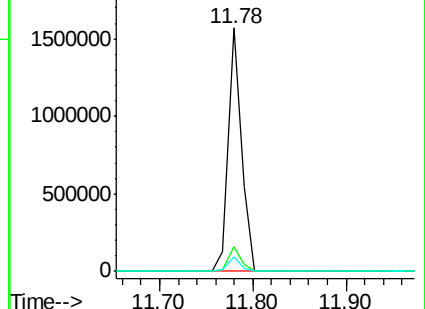
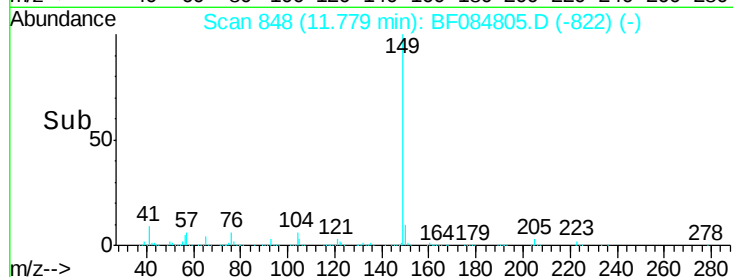
104 5.8 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.96 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

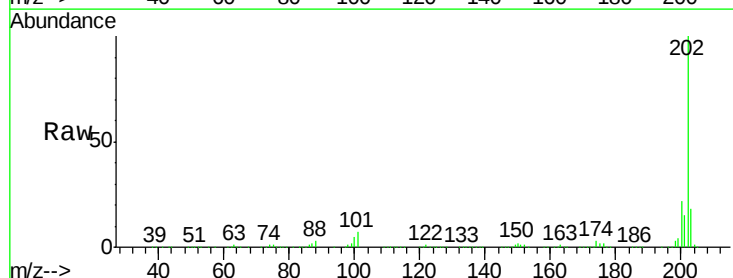
Tgt Ion:202 Resp: 1665130

Ion Ratio Lower Upper

202 100

101 6.8 0.0 32.8

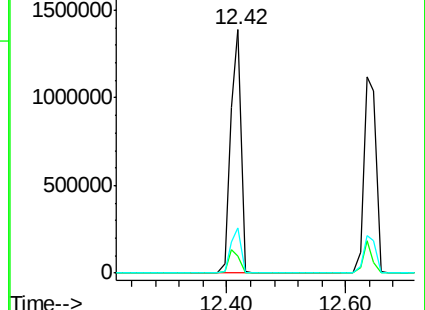
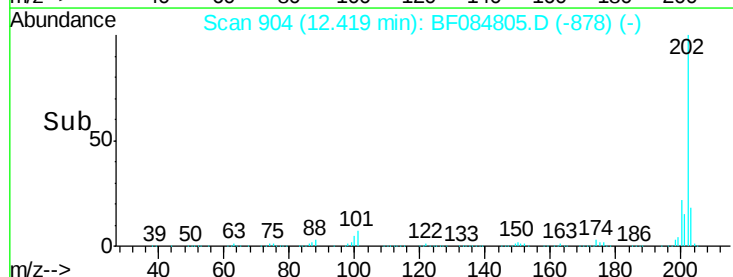
203 18.4 0.0 37.9

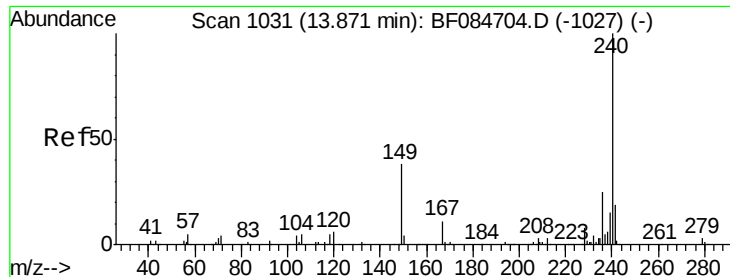


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

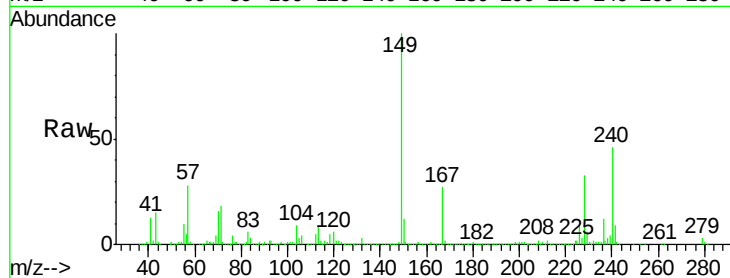
Tgt Ion:240 Resp: 428768

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

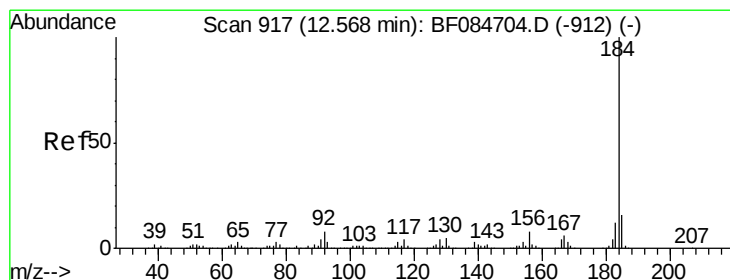
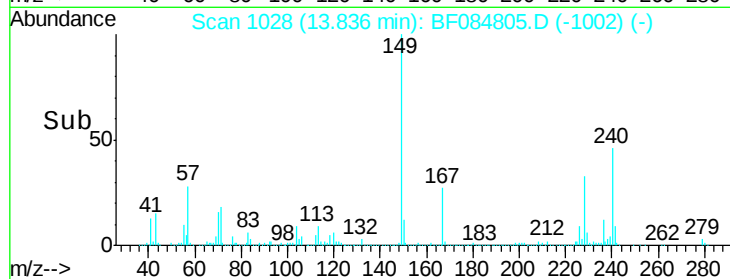
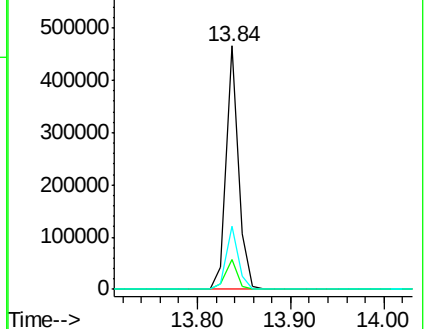
236 25.9 20.6 31.0



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



#76

Benzidine

Concen: 46.05 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

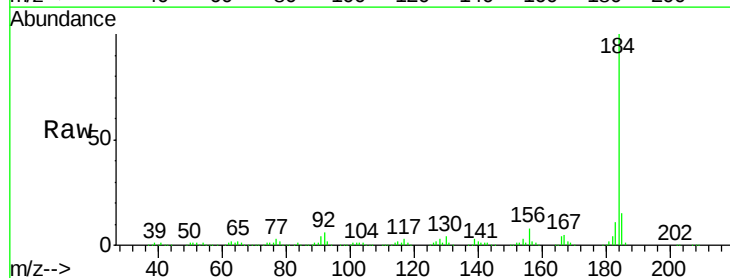
Tgt Ion:184 Resp: 679494

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

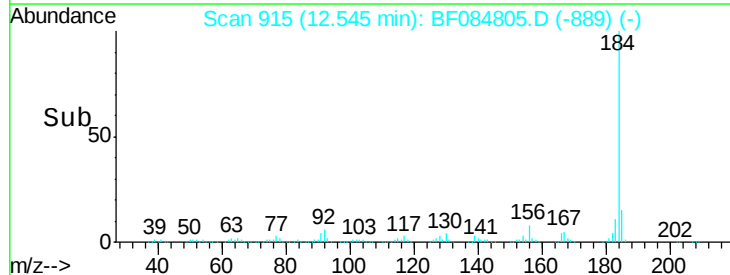
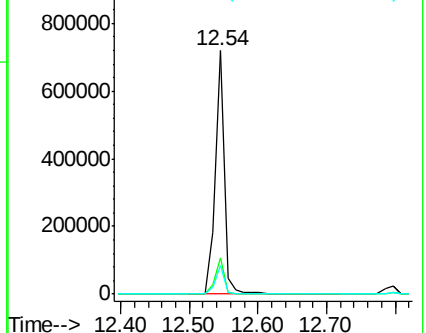
183 11.5 9.8 14.8

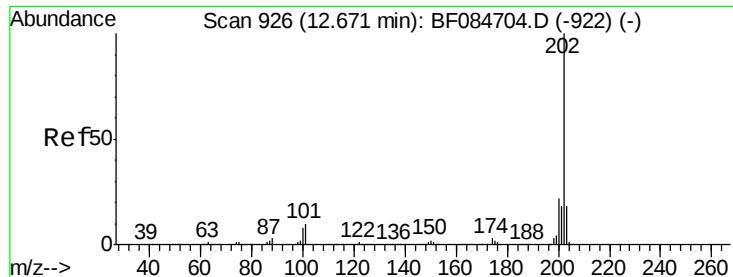


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.91 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

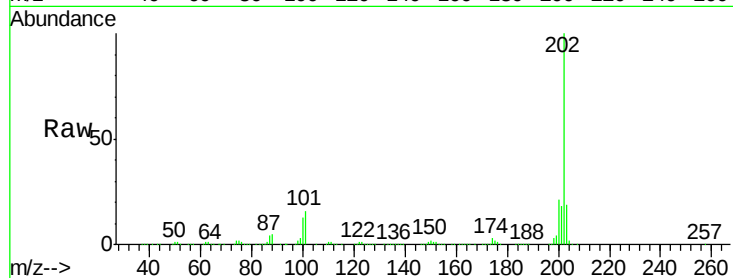
Tgt Ion:202 Resp: 1572757

Ion Ratio Lower Upper

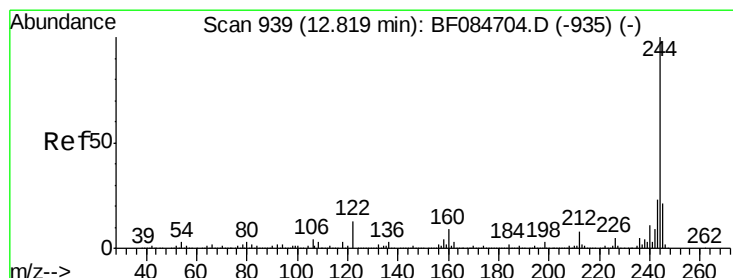
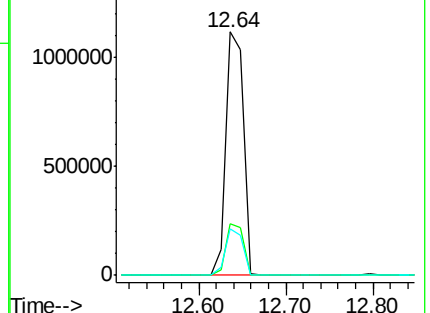
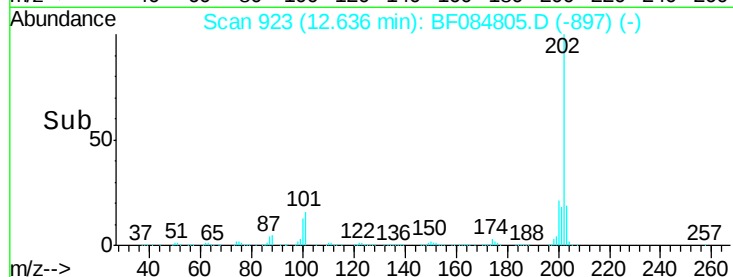
202 100

200 21.5 17.2 25.8

203 19.0 14.3 21.5



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



#78

Terphenyl-d14

Concen: 98.74 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

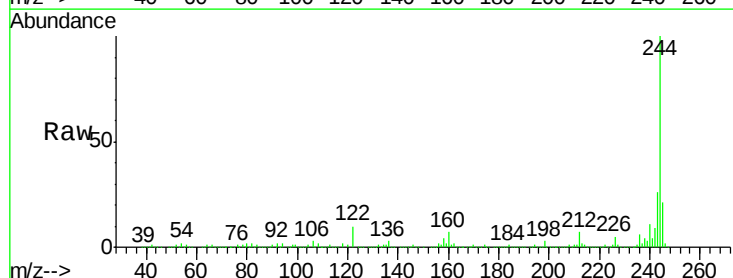
Tgt Ion:244 Resp: 1868369

Ion Ratio Lower Upper

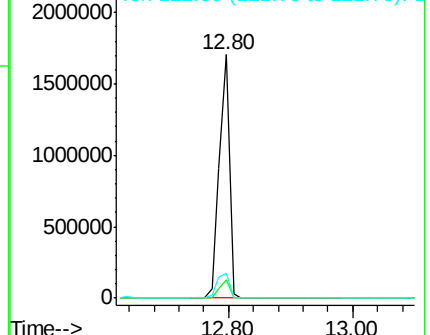
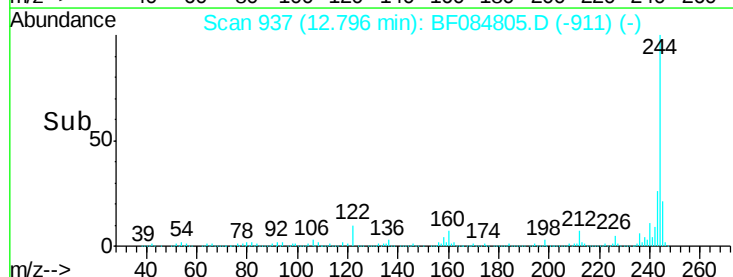
244 100

212 7.5 5.7 8.5

122 10.2 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

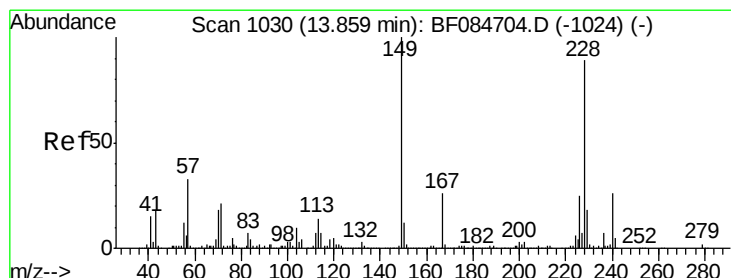
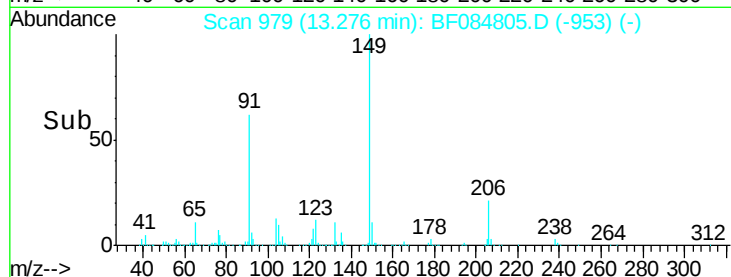
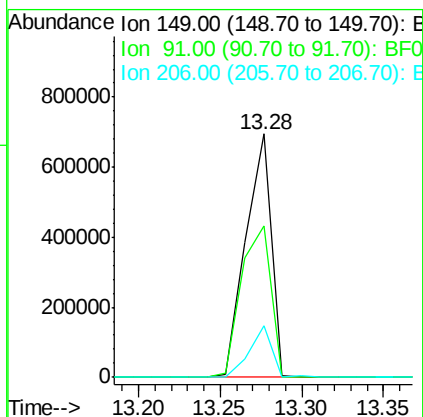
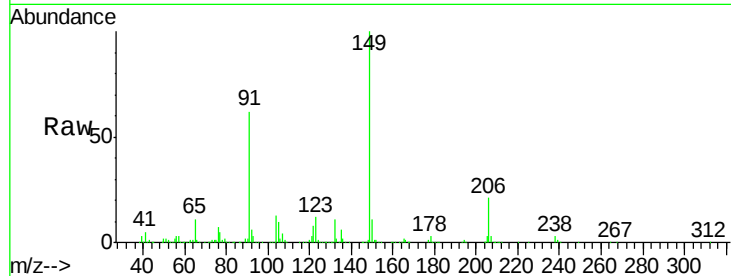




#79
Butylbenzylphthalate
Concen: 50.65 ng
RT: 13.28 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

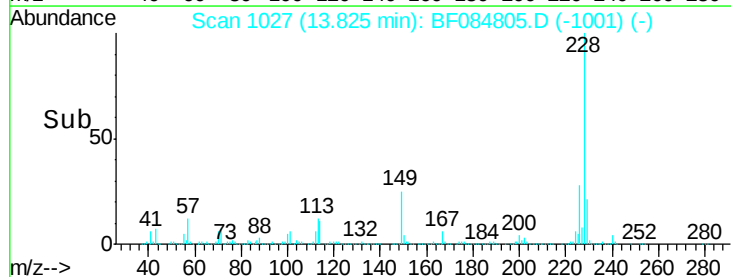
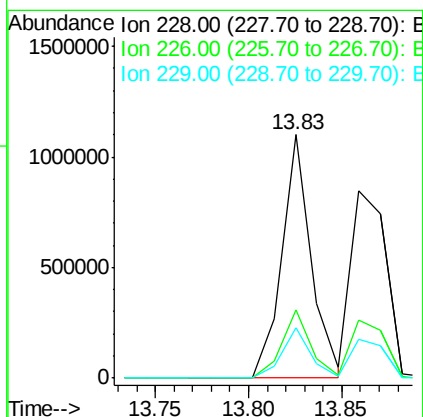
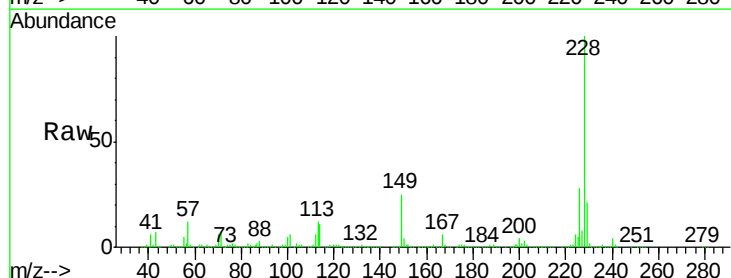
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

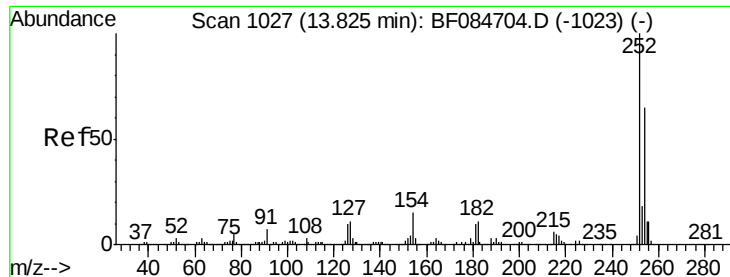
Tgt Ion:149 Resp: 754230
Ion Ratio Lower Upper
149 100
91 62.2 57.6 86.4
206 21.5 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 45.41 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion:228 Resp: 1208449
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 20.5 15.8 23.8

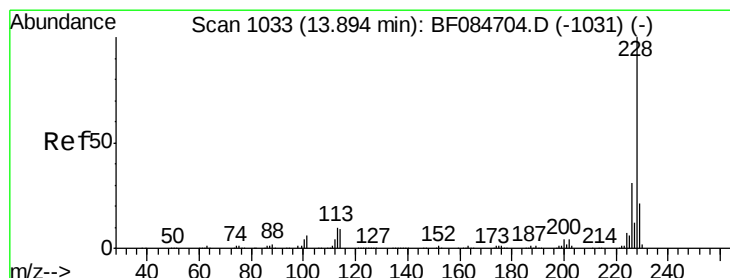
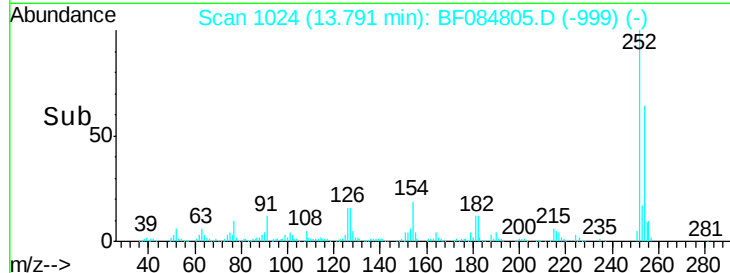
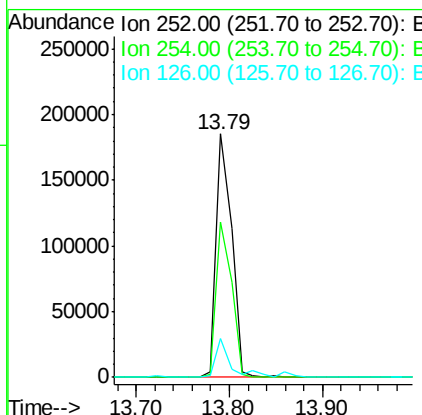
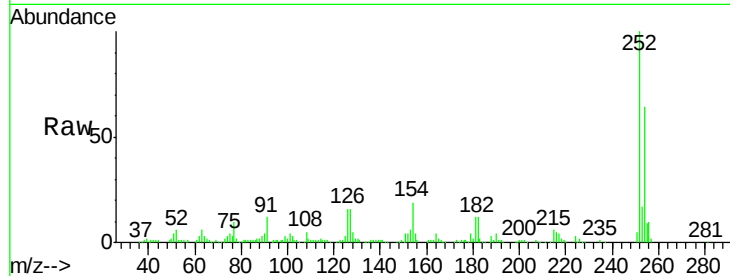




#81
 3,3'-Dichlorobenzidine
 Concen: 22.71 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

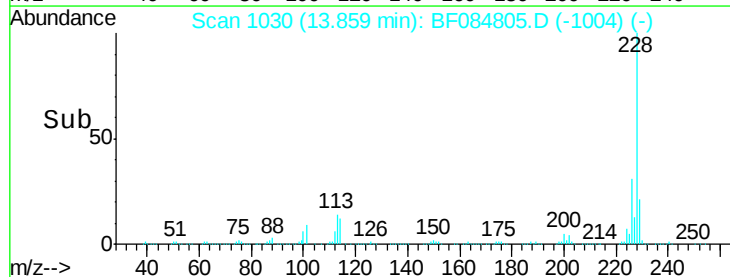
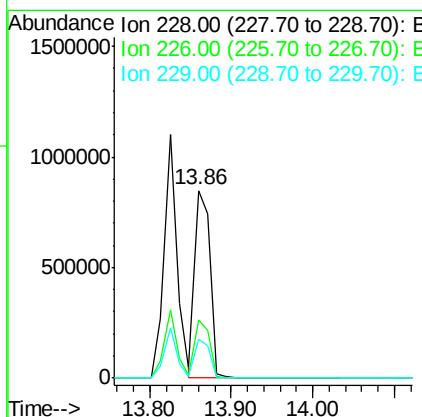
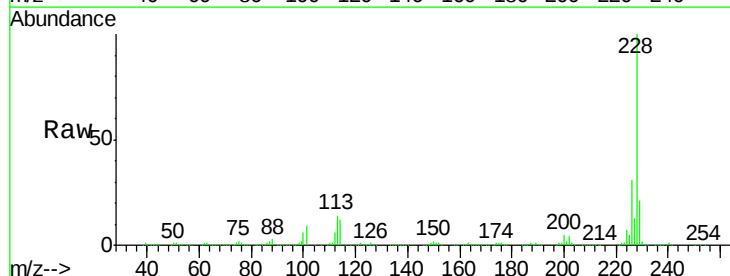
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

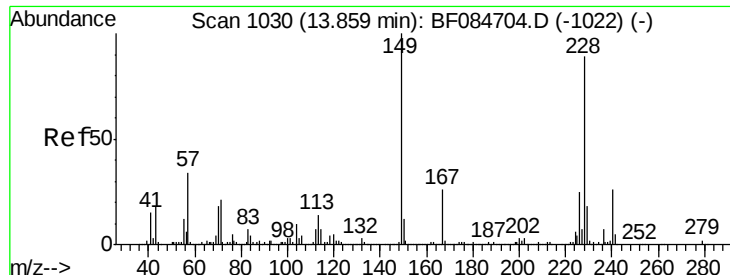
Tgt Ion:252 Resp: 214000
 Ion Ratio Lower Upper
 252 100
 254 63.9 53.5 80.3
 126 16.0 4.9 7.3#



#82
 Chrysene
 Concen: 43.38 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion:228 Resp: 1119553
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 20.7 16.1 24.1

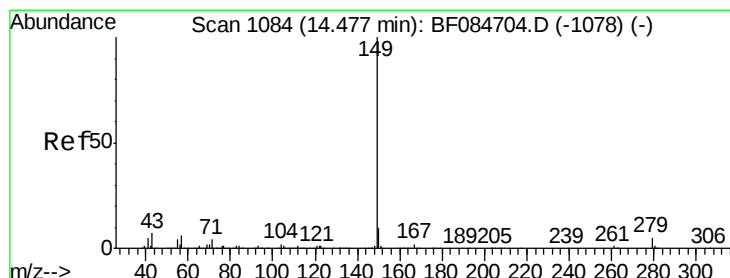
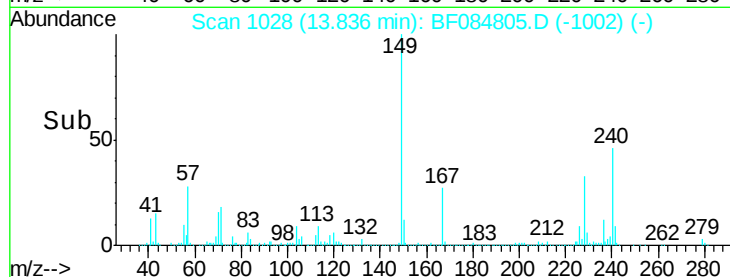
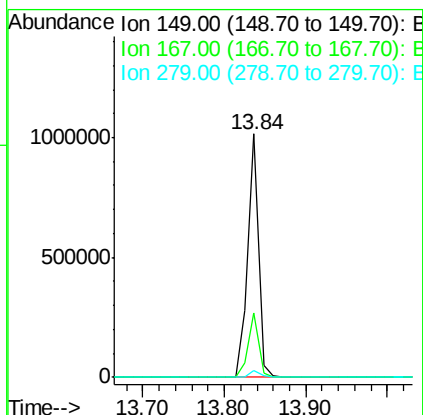
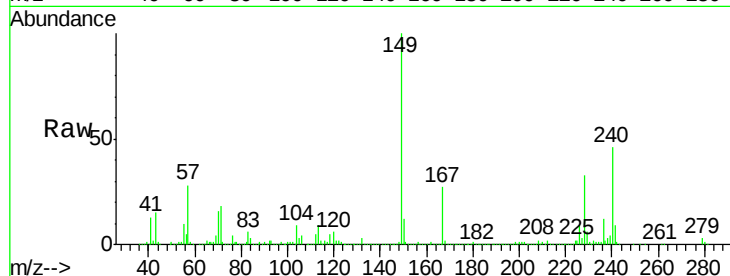




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.37 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

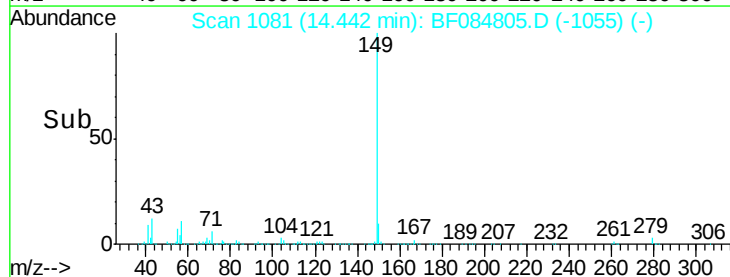
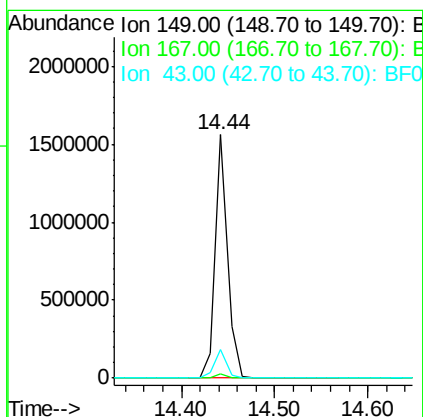
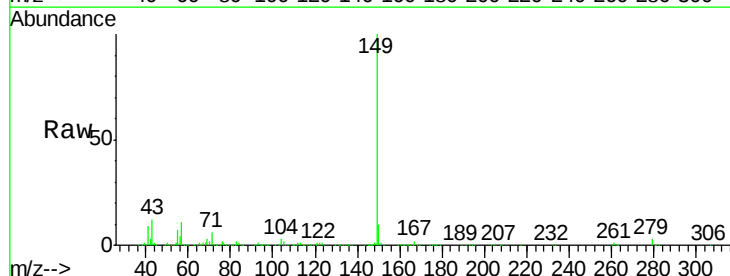
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

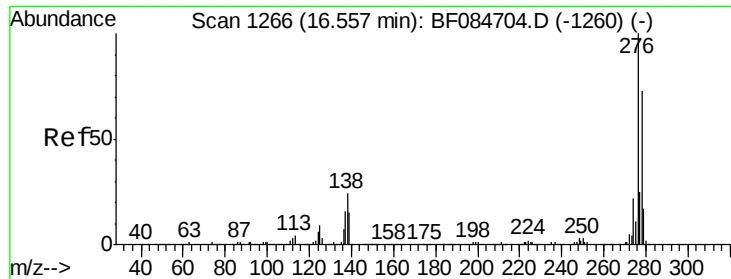
Tgt Ion:149 Resp: 933485
 Ion Ratio Lower Upper
 149 100
 167 26.5 19.7 29.5
 279 3.1 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 46.61 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion:149 Resp: 1425110
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.5 5.6 8.4#

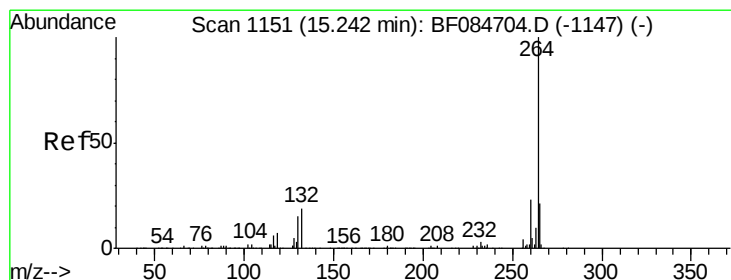
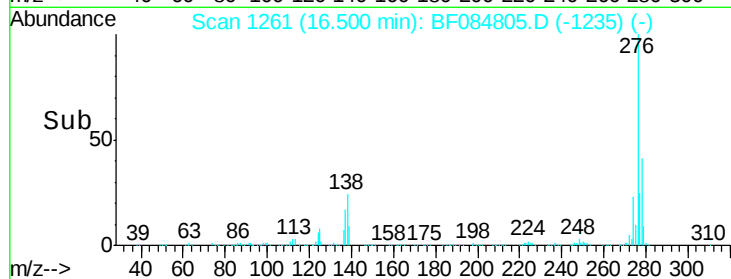
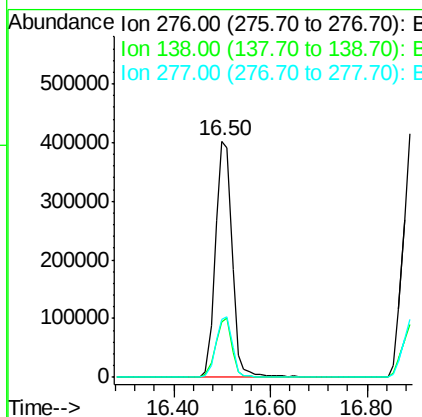
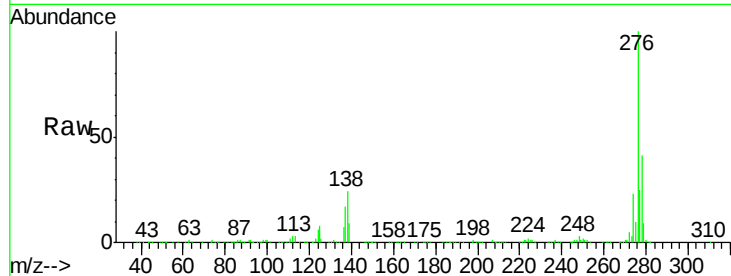




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.61 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

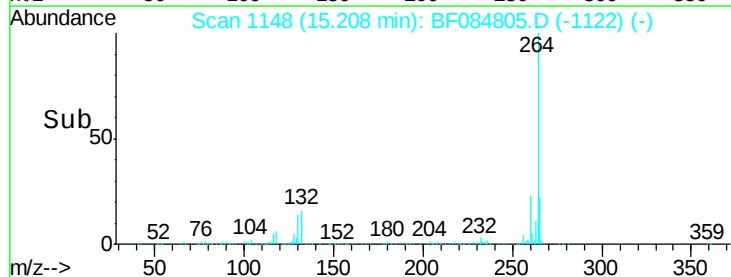
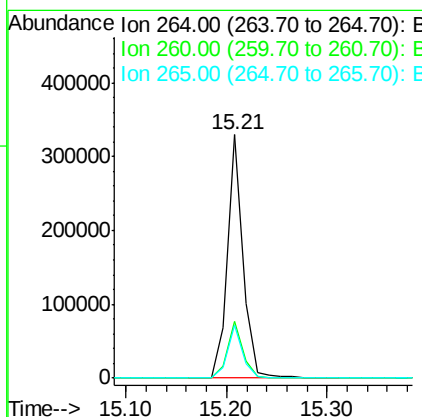
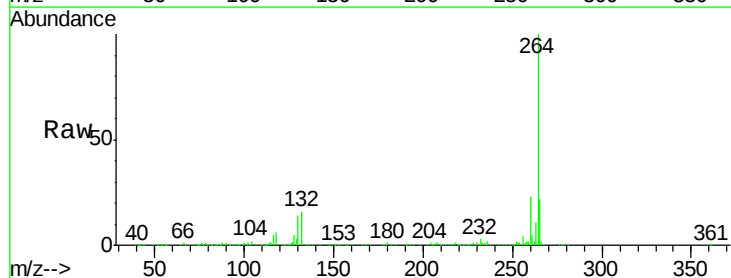
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

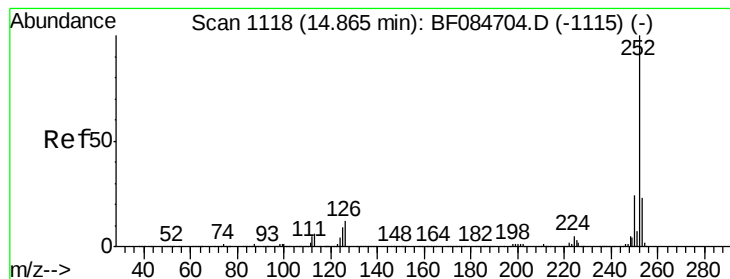
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.6	30.8
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 83.16 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)MS

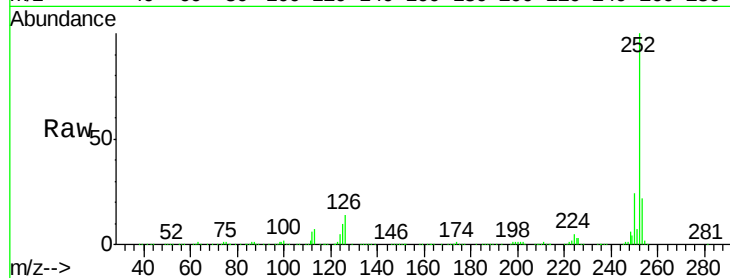
Tgt Ion:252 Resp: 1987600

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

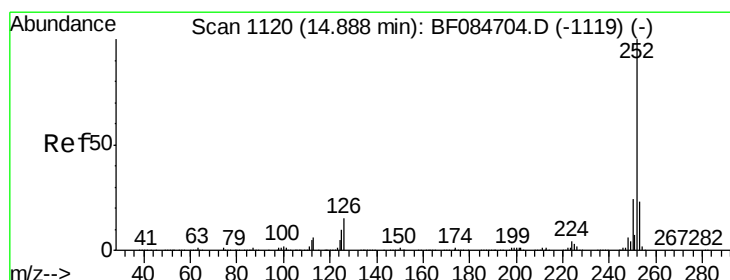
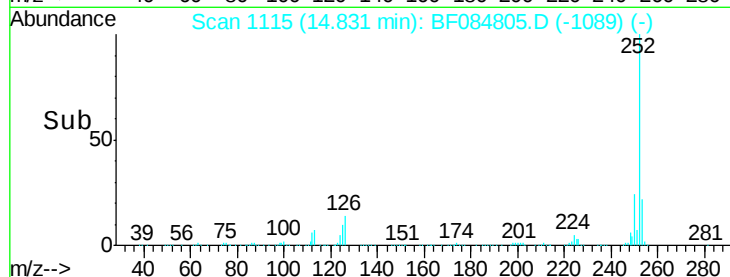
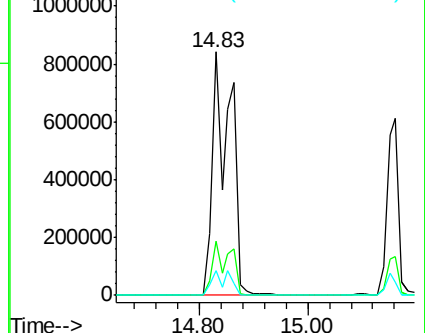
125 10.4 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 100.58 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF084805.D

Acq: 4 Feb 2016 00:52

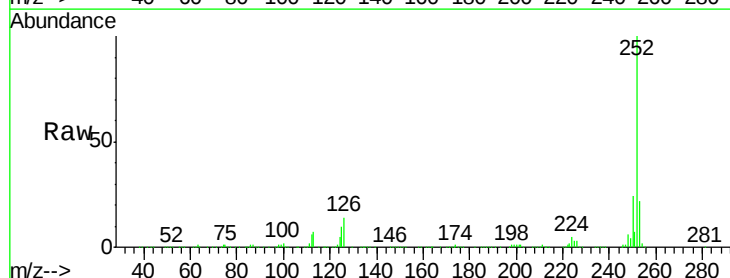
Tgt Ion:252 Resp: 1987600

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

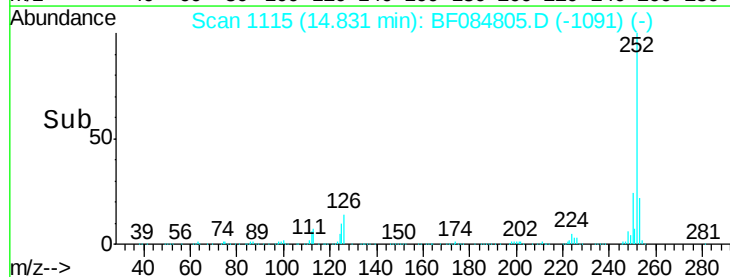
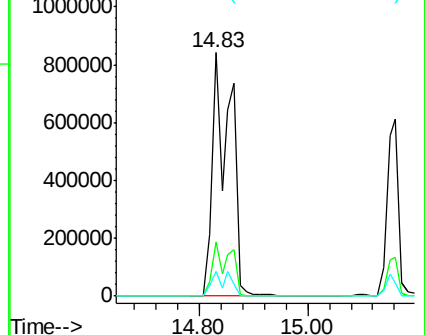
125 10.4 9.0 13.6

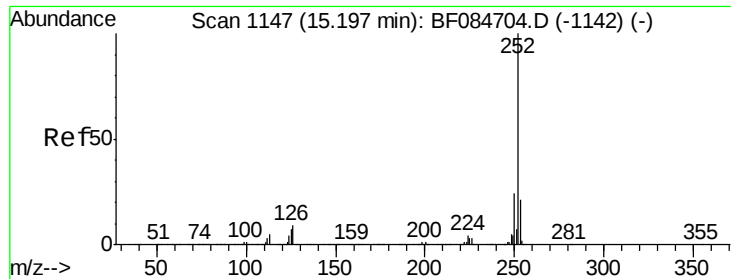


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

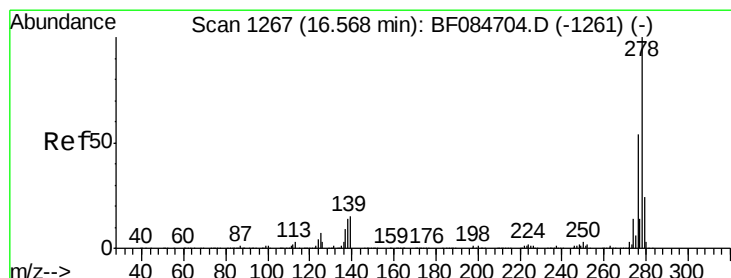
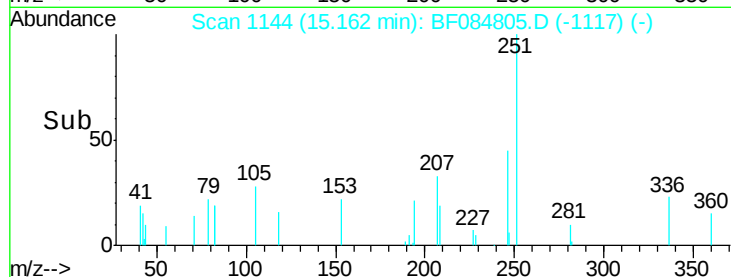
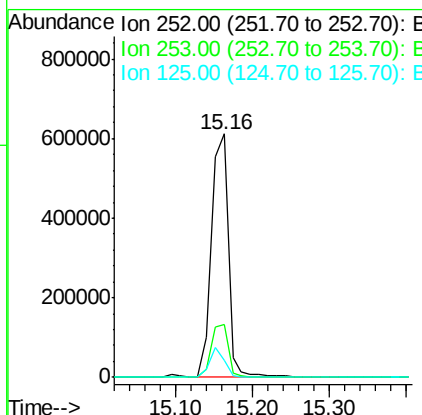
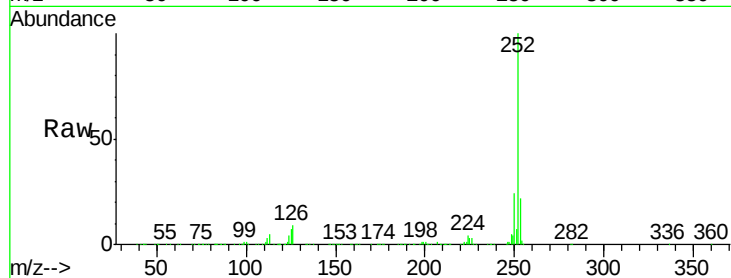




#89
Benzo(a)pyrene
Concen: 45.45 ng
RT: 15.16 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

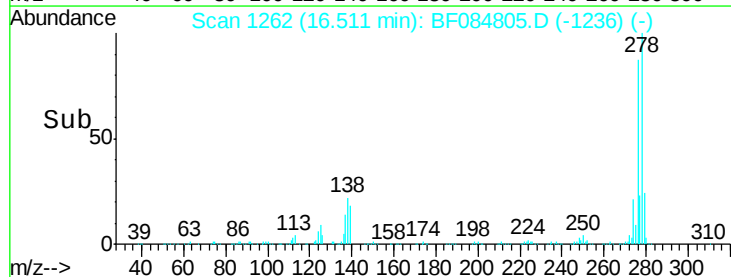
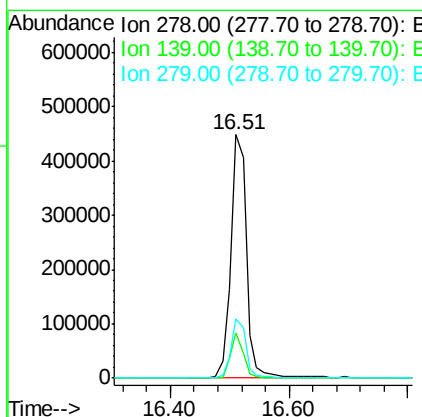
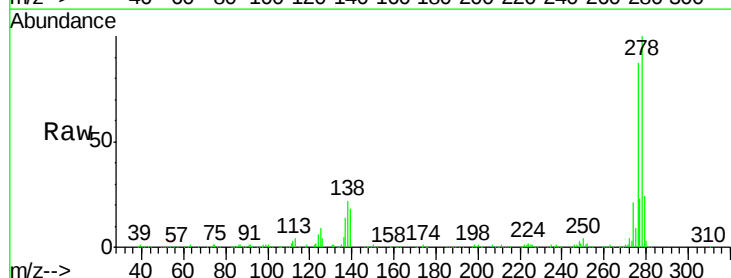
Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

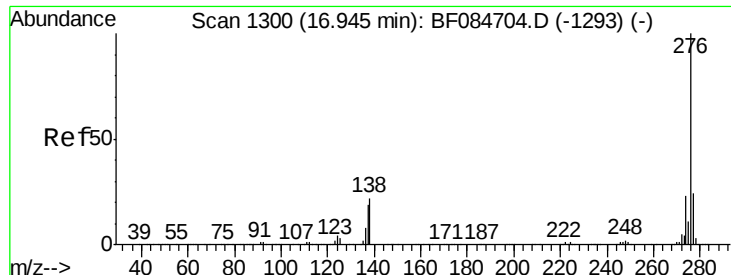
Tgt Ion:252 Resp: 925516
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.1 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 47.91 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF084805.D
Acq: 4 Feb 2016 00:52

Tgt Ion:278 Resp: 821367
Ion Ratio Lower Upper
278 100
139 18.3 15.0 22.4
279 24.4 18.9 28.3





#91
 Benzo(g,h,i)perylene
 Concen: 48.59 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF084805.D
 Acq: 4 Feb 2016 00:52

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.6	17.8	26.6

