

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084081.D
 Acq On : 24 Dec 2015 16:00
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 16:24:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:03:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	46870	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	189894	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	84858	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	161344	20.00	ng	0.00
75) Chrysene-d12	13.96	240	113293	20.00	ng	0.00
86) Perylene-d12	15.38	264	92214	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	407065	72.66	ng	0.00
7) Phenol-d6	6.46	99	501280	72.26	ng	0.01
23) Nitrobenzene-d5	7.38	82	487466	74.38	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	150266	83.55	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	990014	79.79	ng	0.01
78) Terphenyl-d14	12.91	244	924336	72.88	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	91121	80.49	ng	99
3) Pyridine	3.06	79	234764	85.70	ng	99
4) n-Nitrosodimethylamine	3.04	42	104142	92.81	ng	96
6) Aniline	6.48	93	336955	77.59	ng	# 57
8) 2-Chlorophenol	6.59	128	252935	72.72	ng	95
9) Benzaldehyde	6.35	77	117726	62.32	ng	94
10) Phenol	6.48	94	268112	66.93	ng	# 70
11) bis(2-Chloroethyl)ether	6.54	93	213405	74.96	ng	96
12) 1,3-Dichlorobenzene	6.98	146	271582	71.31	ng	98
13) 1,4-Dichlorobenzene	6.82	146	291639	76.89	ng	96
14) 1,2-Dichlorobenzene	6.98	146	271605	77.85	ng	95
15) Benzyl Alcohol	6.96	79	186417	70.77	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.08	45	209182	75.26	ng	# 1
17) 2-Methylphenol	7.08	107	199283	74.91	ng	# 87
18) Hexachloroethane	7.31	117	100621	72.06	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	156913	73.62	ng	# 86
20) 3+4-Methylphenols	7.24	107	264309	78.37	ng	# 44
22) Acetophenone	7.23	105	359760	75.17	ng	# 94
24) Nitrobenzene	7.40	77	256013	73.45	ng	# 83
25) Isophorone	7.64	82	461059	76.33	ng	98
26) 2-Nitrophenol	7.71	139	145296	82.84	ng	# 88
27) 2,4-Dimethylphenol	7.76	122	218336	73.80	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	274342	78.16	ng	98
29) 2,4-Dichlorophenol	7.96	162	211454	77.46	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	212734	70.18	ng	99
31) Naphthalene	8.11	128	691152	66.80	ng	100
32) Benzoic acid	7.93	122	126550	105.40	ng	90
33) 4-Chloroaniline	8.17	127	311934	77.21	ng	95
34) Hexachlorobutadiene	8.24	225	131785	77.20	ng	98
35) Caprolactam	8.57	113	58690	77.53	ng	99
36) 4-Chloro-3-methylphenol	8.67	107	254291	83.78	ng	98
37) 2-Methylnaphthalene	8.81	142	482555	75.72	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	192370	70.72	ng	98
40) Hexachlorocyclopentadiene	8.96	237	61141	121.52	ng	97

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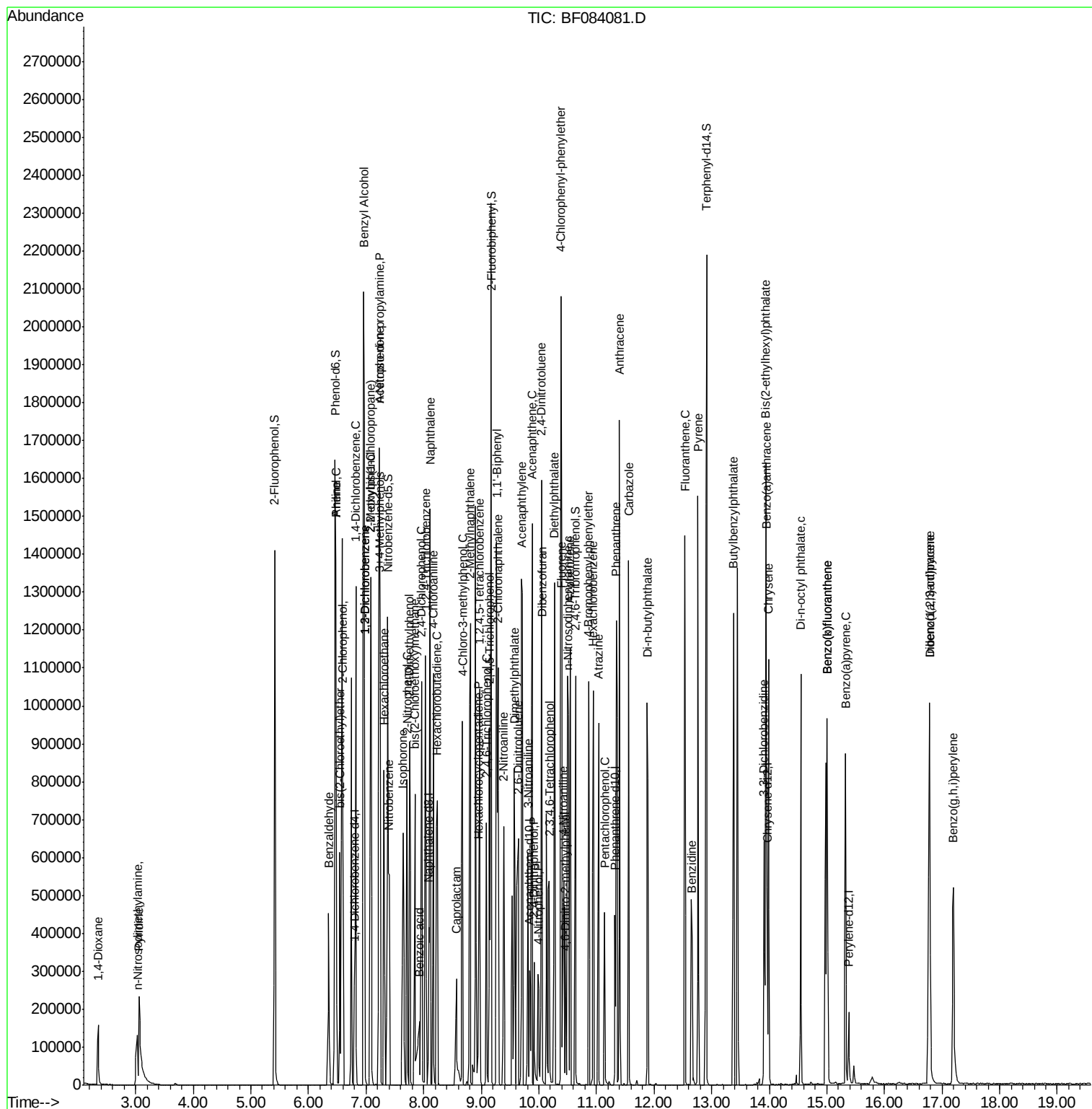
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	139713	80.12	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	140304	80.43	nq	# 94
45) 1,1'-Biphenyl	9.26	154	533349	68.09	nq	99
46) 2-Chloronaphthalene	9.29	162	447821	76.33	nq	99
47) 2-Nitroaniline	9.39	65	114875	73.29	nq	89
48) Acenaphthylene	9.71	152	759792	79.28	nq	99
49) Dimethylphthalate	9.57	163	548188	77.68	nq	# 90
50) 2,6-Dinitrotoluene	9.64	165	130226	88.64	nq	97
51) Acenaphthene	9.88	154	441068	79.11	nq	99
52) 3-Nitroaniline	9.81	138	139658	88.57	nq	# 76
53) 2,4-Dinitrophenol	9.92	184	45374	121.89	nq	# 73
54) Dibenzofuran	10.05	168	589062	76.46	nq	99
55) 4-Nitrophenol	10.00	139	68207	89.64	nq	91
56) 2,4-Dinitrotoluene	10.04	165	133100	65.88	nq	# 81
57) Fluorene	10.40	166	492290	74.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	103708	83.91	nq	92
59) Diethylphthalate	10.27	149	499288	68.50	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	236450	78.60	nq	97
61) 4-Nitroaniline	10.43	138	123937	84.42	nq	96
62) Azobenzene	10.54	77	492283	84.34	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	77538	101.01	nq	73
65) n-Nitrosodiphenylamine	10.51	169	430591	74.07	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	133297	70.05	nq	# 63
67) Hexachlorobenzene	10.94	284	161451	78.72	nq	99
68) Atrazine	11.04	200	126945	72.27	nq	98
69) Pentachlorophenol	11.14	266	54978	103.69	nq	99
70) Phenanthrene	11.34	178	670249	56.17	nq	99
71) Anthracene	11.40	178	651461	63.18	nq	100
72) Carbazole	11.56	167	666031	72.46	nq	98
73) Di-n-butylphthalate	11.88	149	773508	69.21	nq	# 97
74) Fluoranthene	12.53	202	636876	44.83	nq	99
76) Benzidine	12.66	184	248992	66.02	nq	97
77) Pyrene	12.76	202	628032	50.61	nq	100
79) Butylbenzylphthalate	13.38	149	311946	76.64	nq	92
80) Benzo(a)anthracene	13.95	228	482846	60.36	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	152368	71.04	nq	# 96
82) Chrysene	13.99	228	431604	58.49	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	377961	71.15	nq	# 97
84) Di-n-octyl phthalate	14.55	149	539692	72.36	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	521135	81.15	nq	99
87) Benzo(b)fluoranthene	15.00	252	847905	120.37	nq	# 97
88) Benzo(k)fluoranthene	15.00	252	847905	165.42	nq	99
89) Benzo(a)pyrene	15.32	252	412263	72.03	nq	# 98
90) Dibenzo(a,h)anthracene	16.79	278	429402	77.67	nq	# 94
91) Benzo(g,h,i)perylene	17.20	276	439950	78.01	nq	97

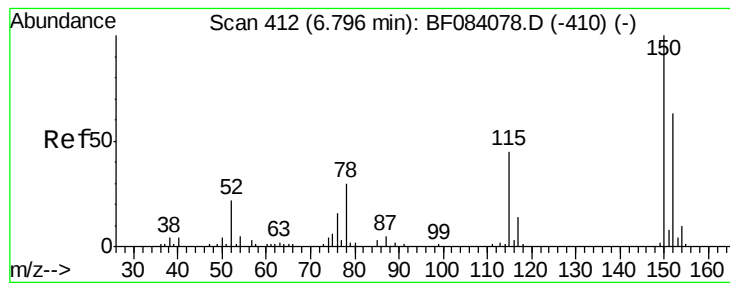
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ALS Vial  : 9      Sample Multiplier: 1
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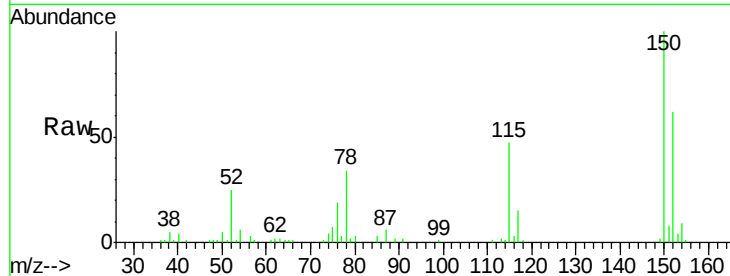


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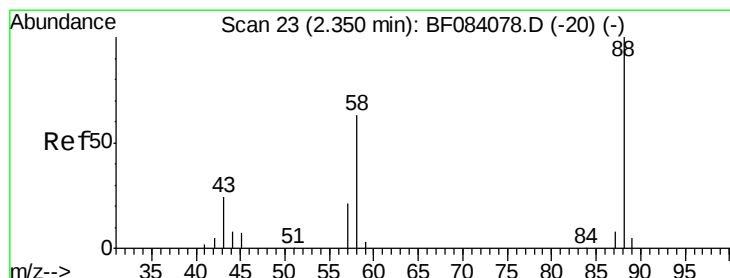
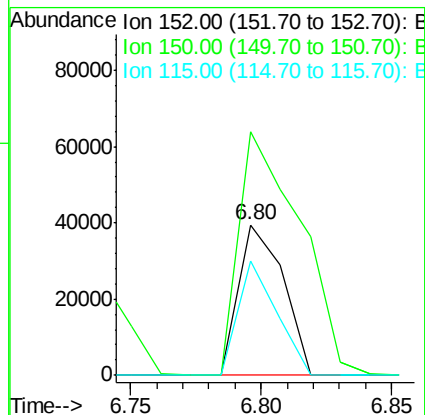
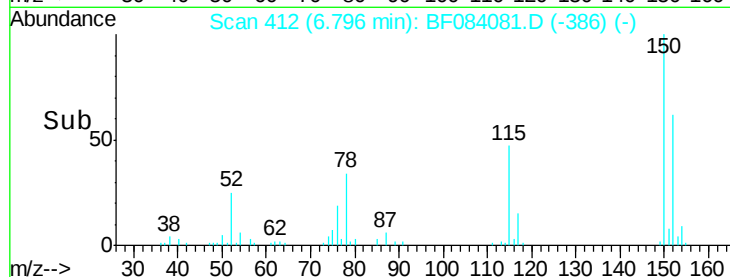
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46870
Ion Ratio Lower Upper
152 100
150 162.1 123.0 184.4
115 76.3 51.4 77.2



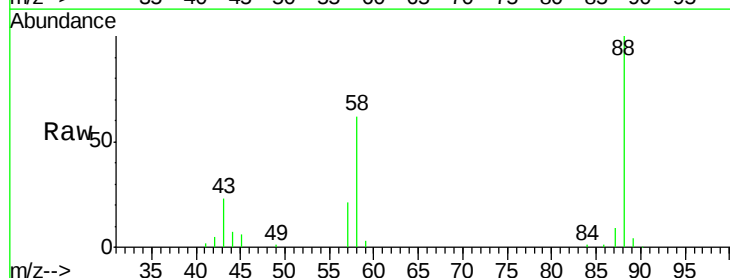
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



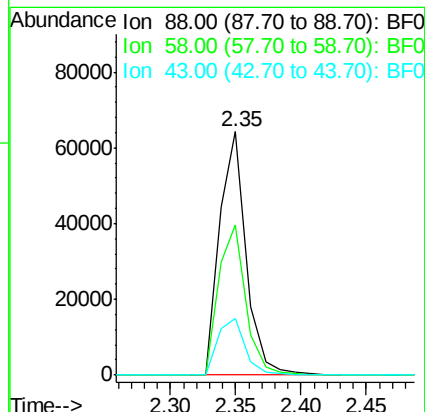
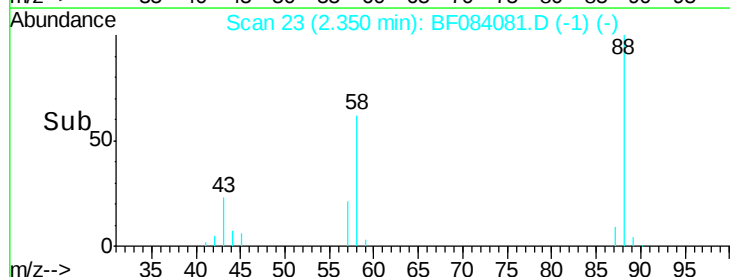
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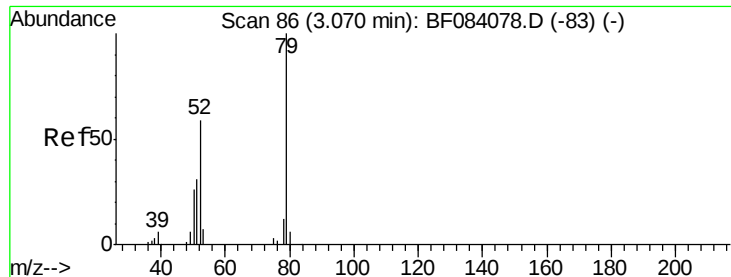
1,4-Dioxane
Concen: 80.49 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.00 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion: 88 Resp: 91121
Ion Ratio Lower Upper
88 100
58 62.7 51.2 76.8
43 24.2 19.5 29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



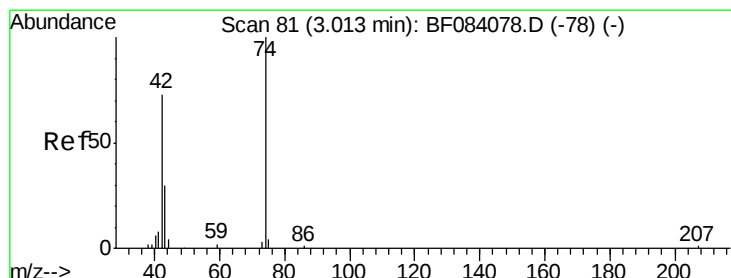
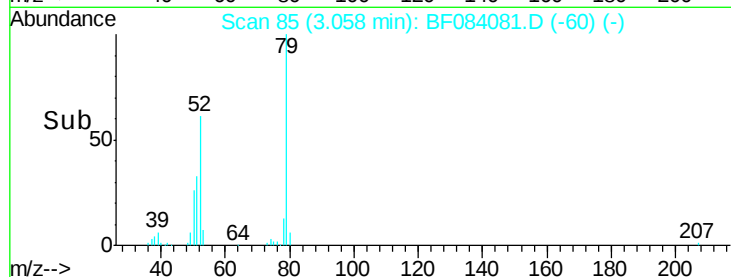
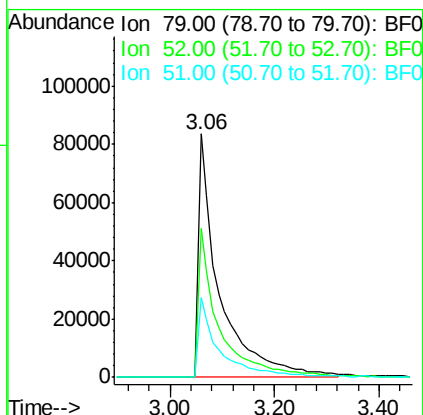
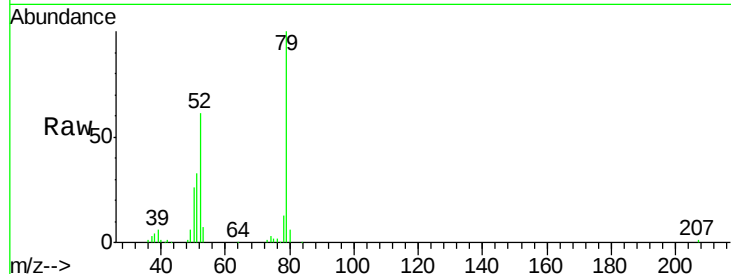


#3
 Pvridine
 Concen: 85.70 ng
 RT: 3.06 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 234764

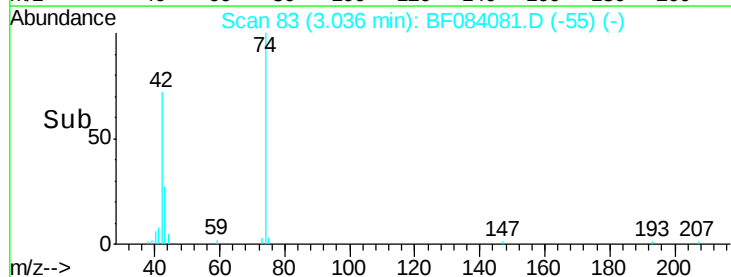
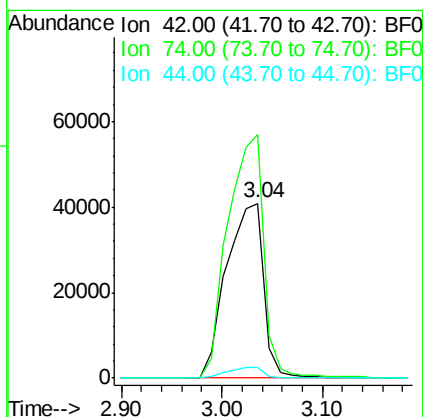
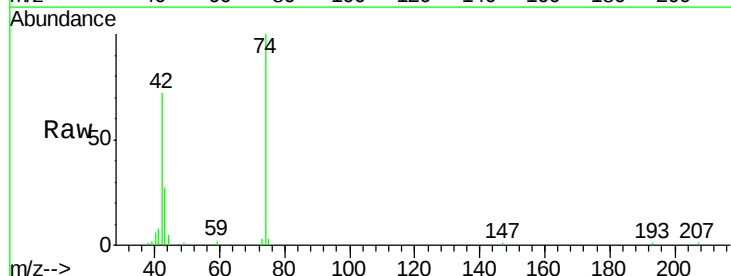
Ion	Ratio	Lower	Upper
79	100		
52	60.9	49.0	73.4
51	32.9	25.2	37.8

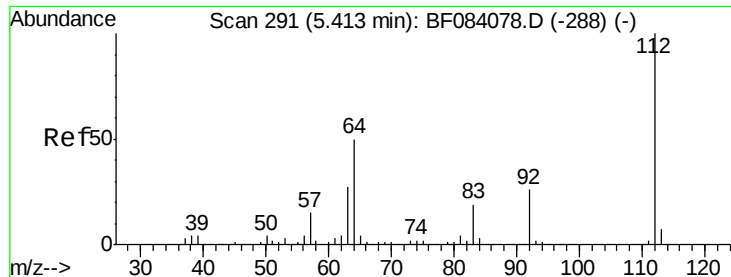


#4
 n-Nitrosodimethylamine
 Concen: 92.81 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.02 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion: 42 Resp: 104142

Ion	Ratio	Lower	Upper
42	100		
74	139.2	115.7	173.5
44	6.3	5.1	7.7





#5

2-Fluorophenol

Concen: 72.66 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampled :

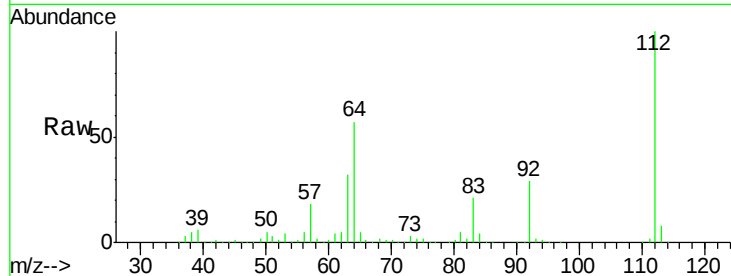
Tot Ion:112 Resp: 407065

Ion Ratio Lower Upper

112 100

64 56.6 36.6 55.0#

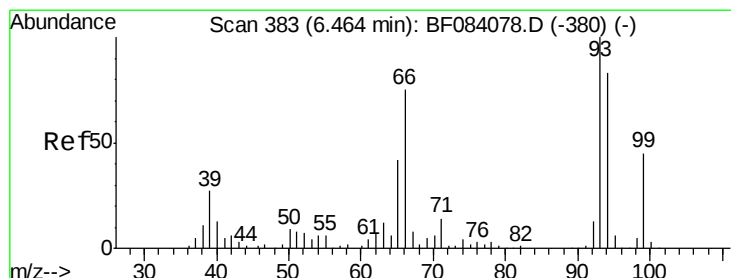
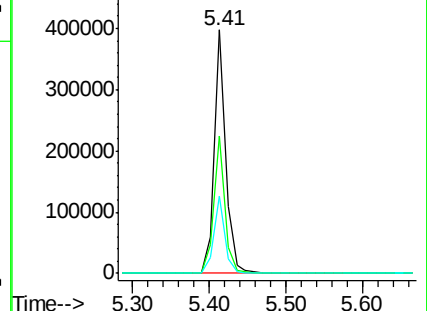
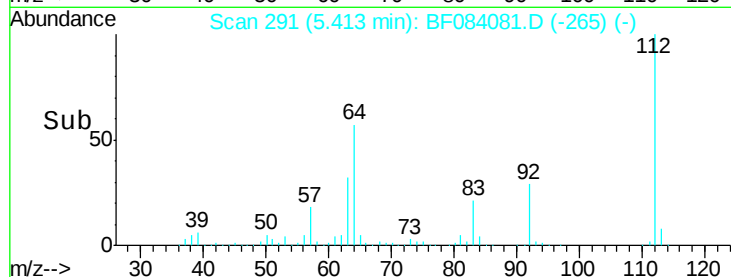
63 31.7 19.4 29.0#



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: 77.59 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

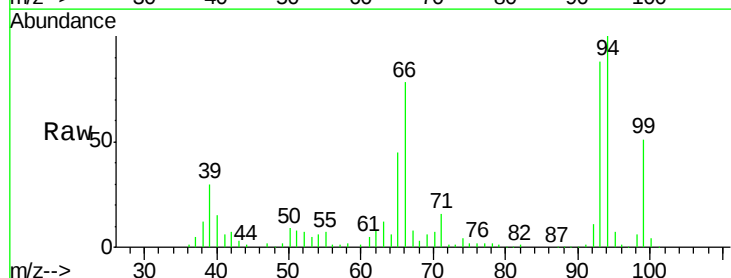
Tgt Ion: 93 Resp: 336955

Ion Ratio Lower Upper

93 100

66 88.8 44.9 67.3#

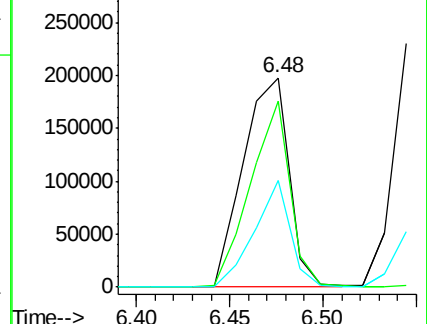
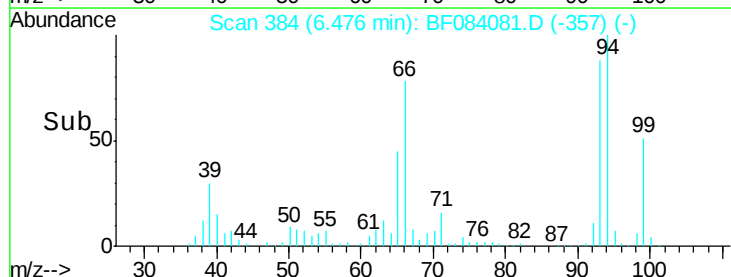
65 51.0 23.7 35.5#

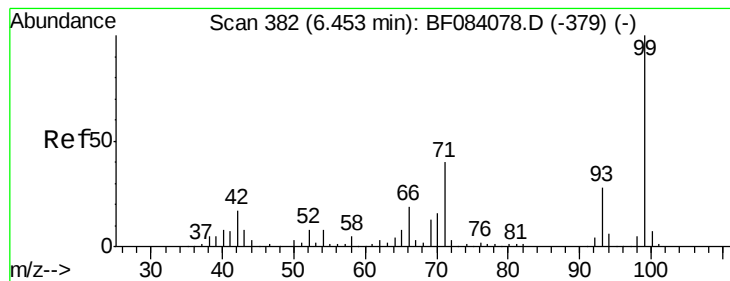


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.26 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampled :

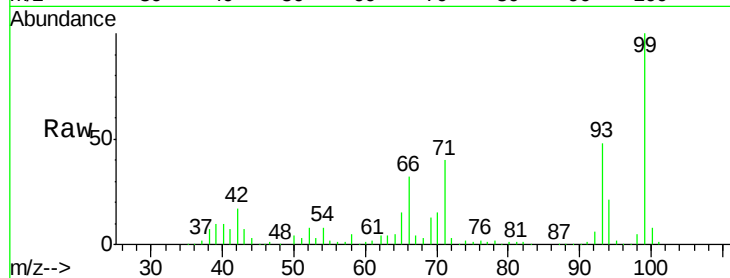
Tot Ion: 99 Resp: 501280

Ion Ratio Lower Upper

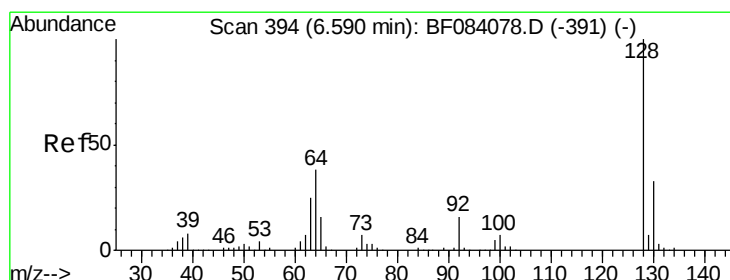
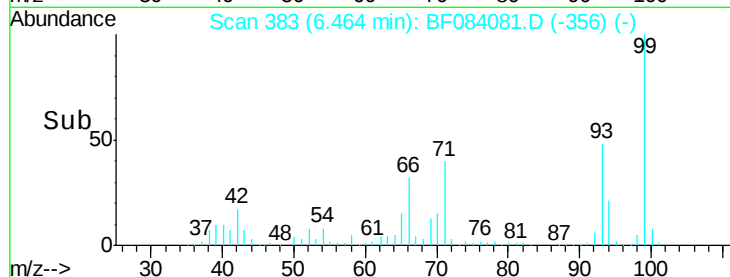
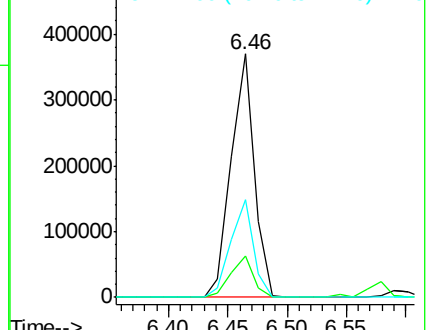
99 100

42 17.1 12.8 19.2

71 40.1 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: 72.72 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

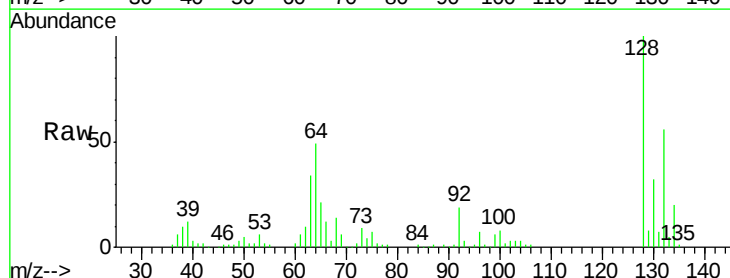
Tgt Ion: 128 Resp: 252935

Ion Ratio Lower Upper

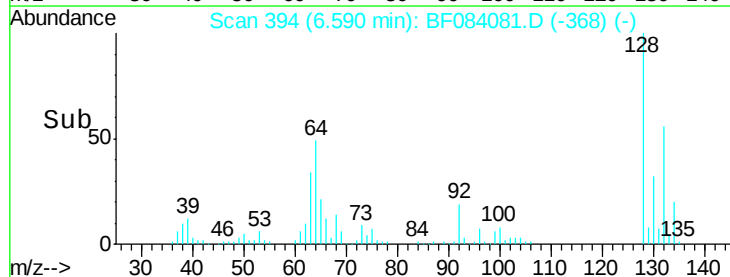
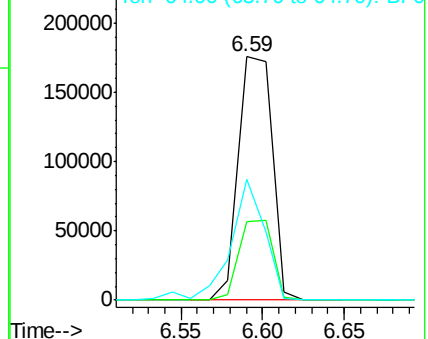
128 100

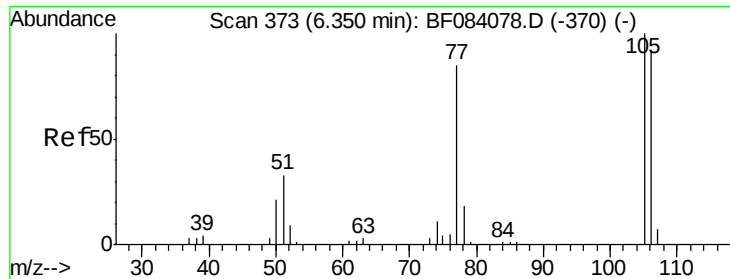
130 32.0 11.6 51.6

64 49.4 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: 62.32 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampled :

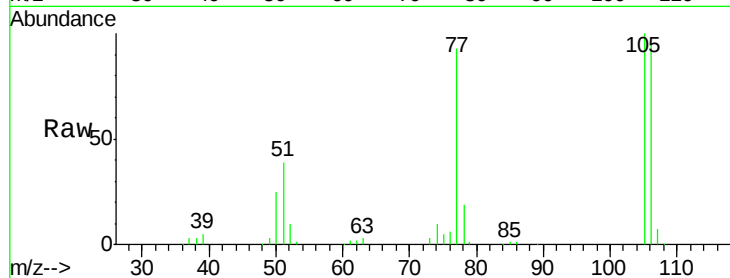
Tot Ion: 77 Resp: 117726

Ion Ratio Lower Upper

77 100

105 107.2 83.0 123.0

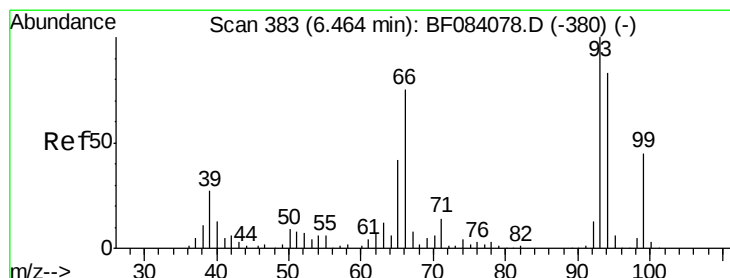
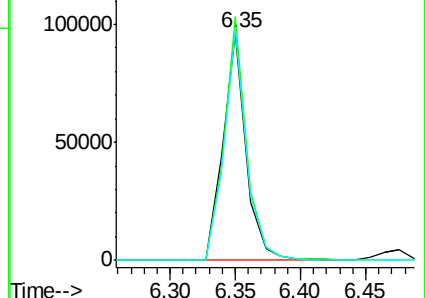
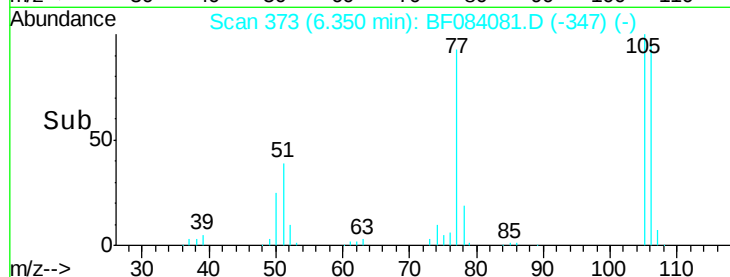
106 101.6 74.6 114.6



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: 66.93 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

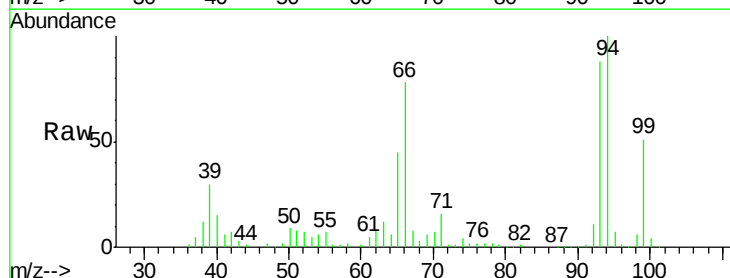
Tgt Ion: 94 Resp: 268112

Ion Ratio Lower Upper

94 100

65 44.7 12.9 52.9

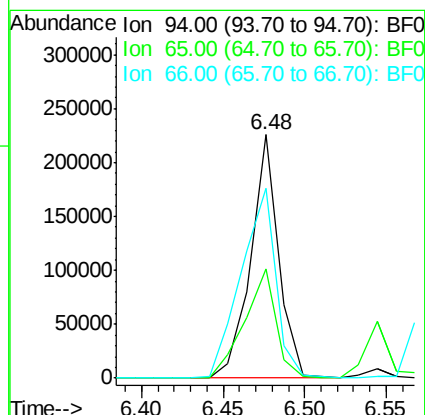
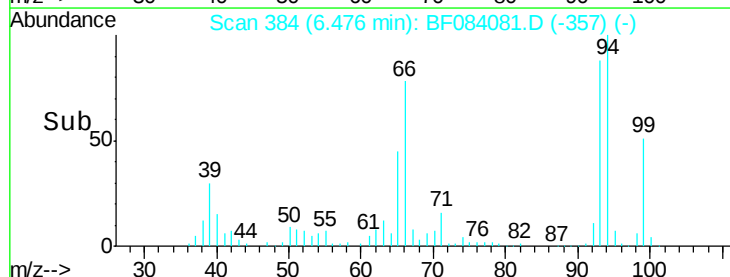
66 77.8 32.7 72.7#

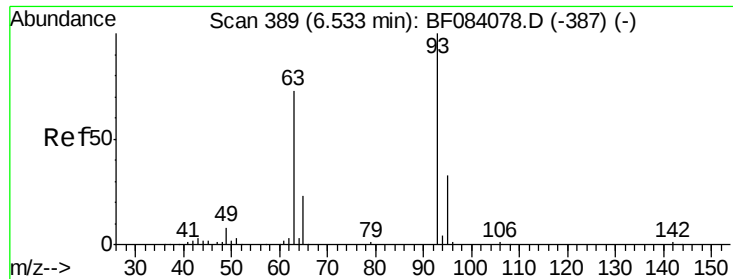


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

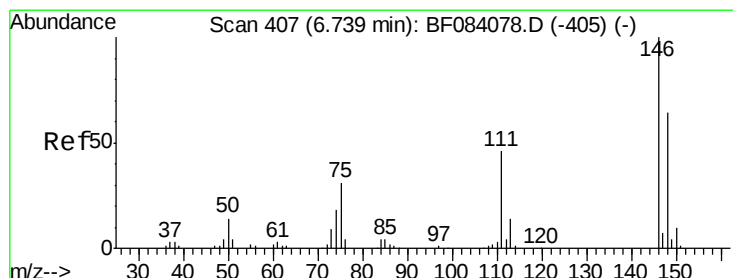
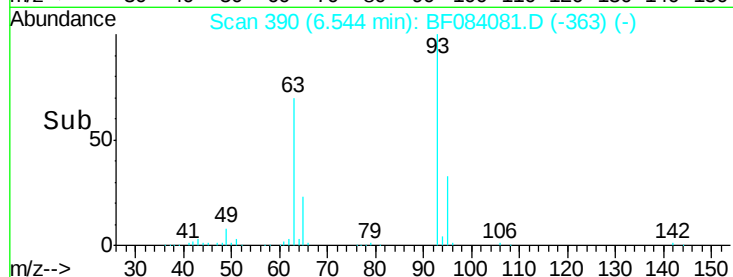
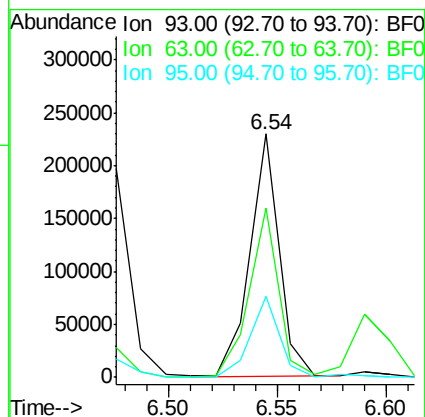
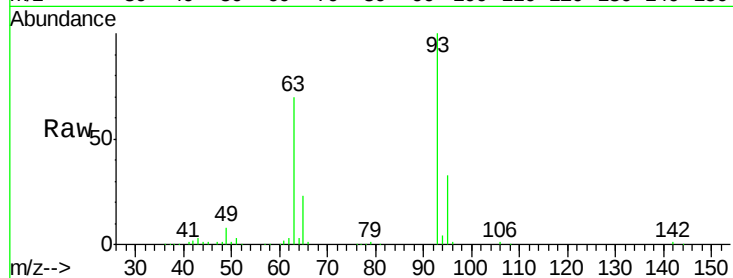




#11
bis(2-Chloroethyl)ether
Concen: 74.96 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

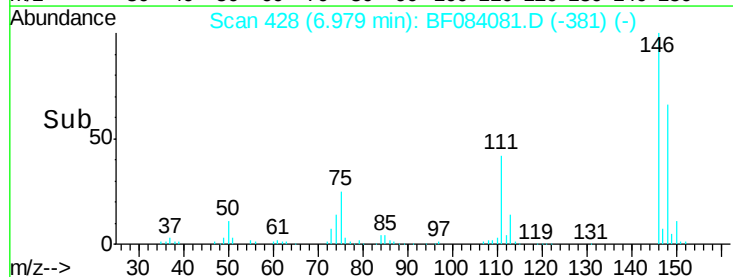
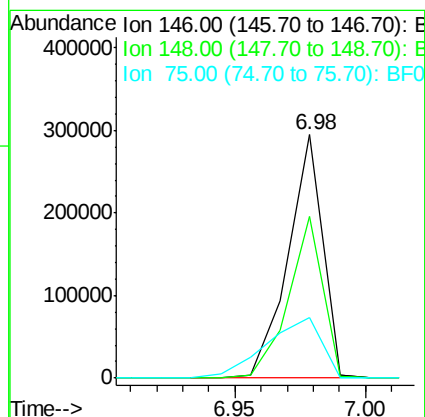
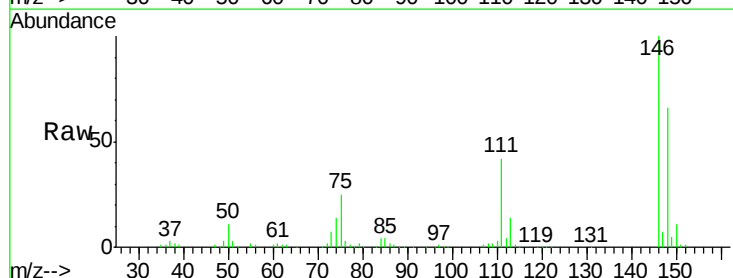
Instrument :
BNA_F
ClientSampleId :

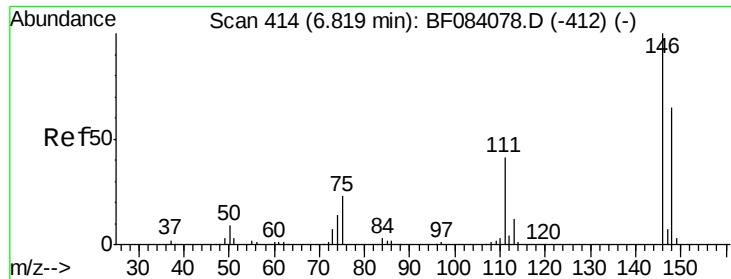
Tot Ion: 93 Resp: 213405
Ion Ratio Lower Upper
93 100
63 69.5 45.9 85.9
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 71.31 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.24 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion: 146 Resp: 271582
Ion Ratio Lower Upper
146 100
148 66.2 51.9 77.9
75 25.0 20.5 30.7

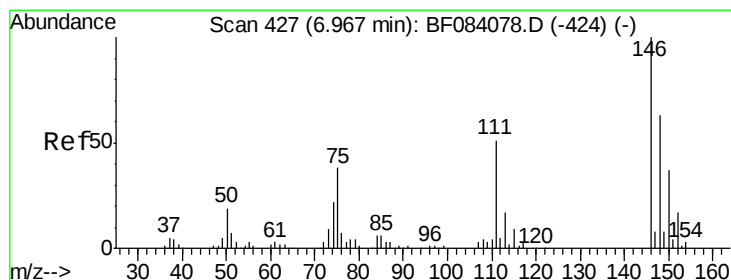
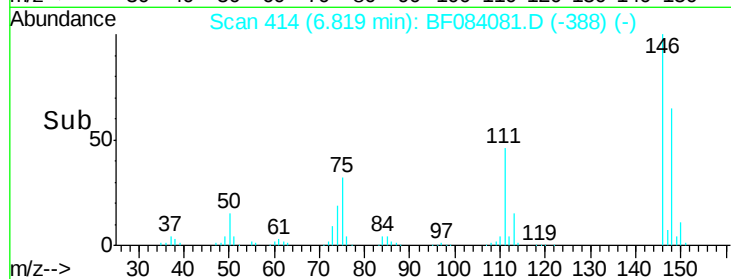
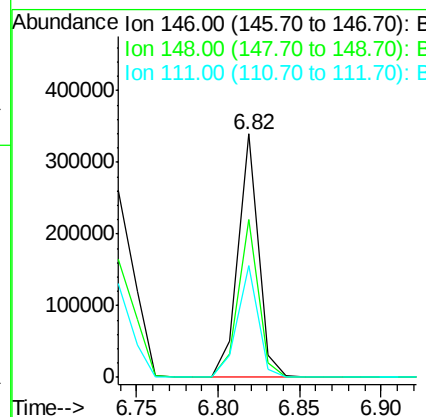
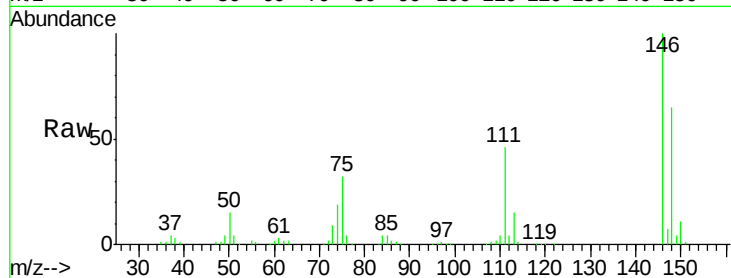




#13
 1,4-Dichlorobenzene
 Concen: 76.89 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

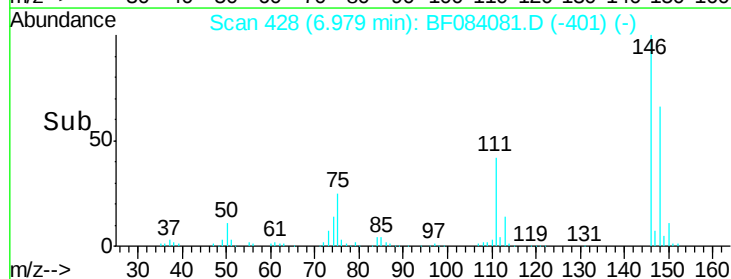
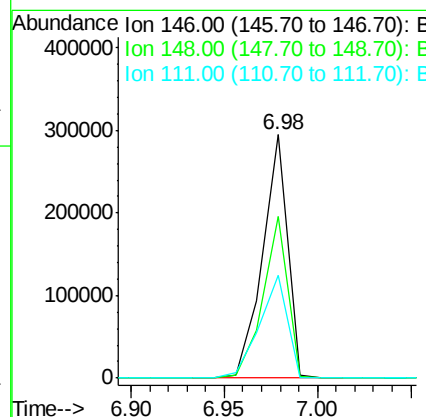
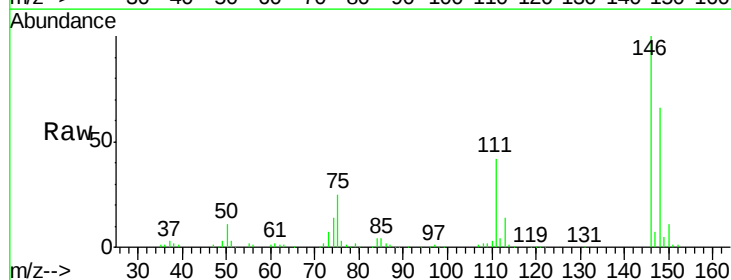
Instrument :
 BNA_F
 ClientSampleId :

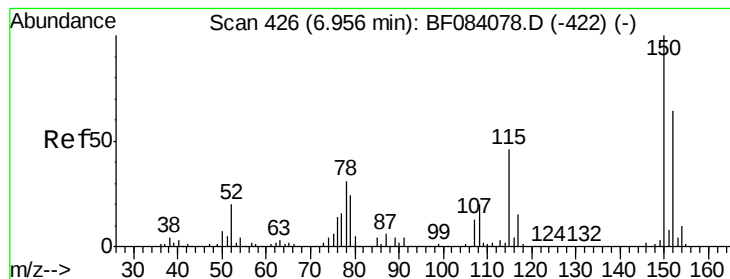
Tot Ion:146 Resp: 291639
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 46.0 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 77.85 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion:146 Resp: 271605
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.6 77.4
 111 42.3 38.0 57.0





#15

Benzyl Alcohol

Concen: 70.77 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampled :

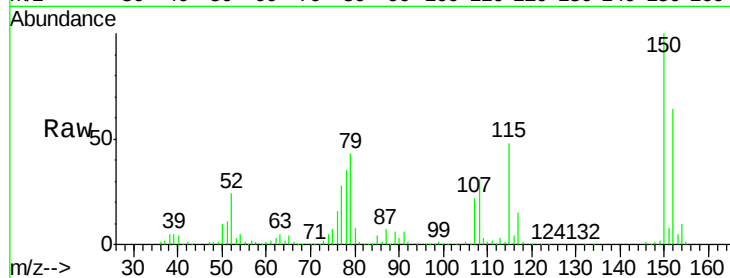
Tot Ion: 79 Resp: 186417

Ion Ratio Lower Upper

79 100

108 71.5 69.0 103.4

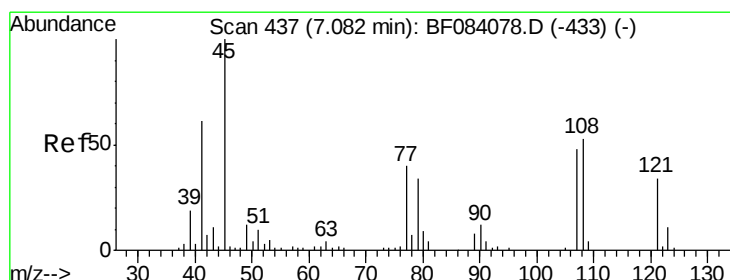
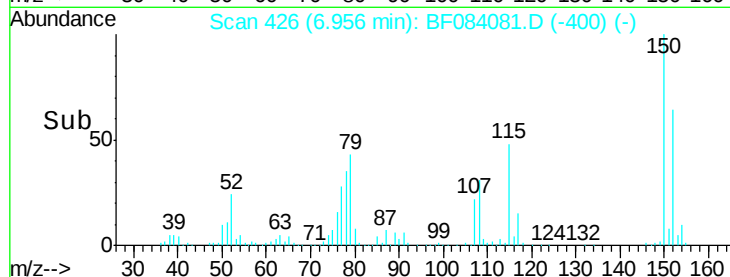
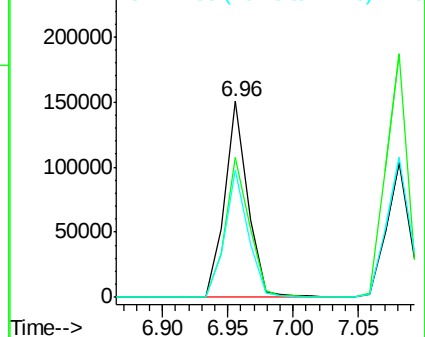
77 64.9 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 75.26 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

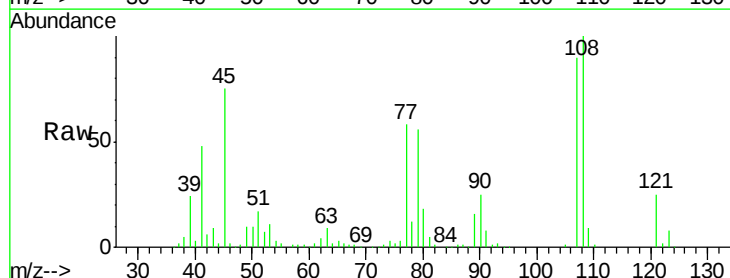
Tgt Ion: 45 Resp: 209182

Ion Ratio Lower Upper

45 100

77 77.1 0.0 39.6#

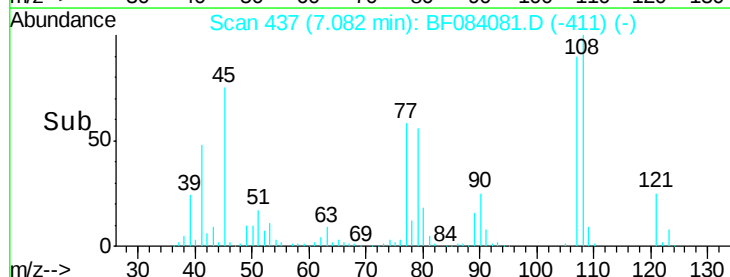
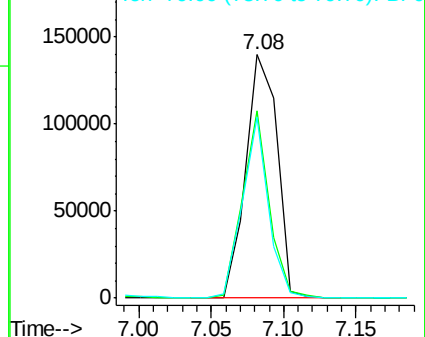
79 74.2 0.0 35.0#

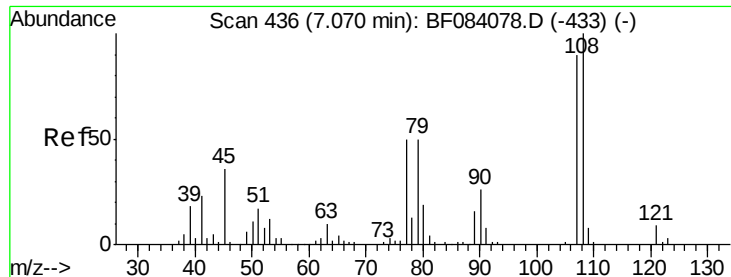


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 74.91 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 199283

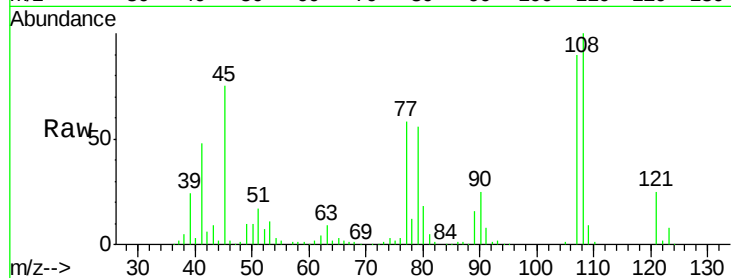
Ion Ratio Lower Upper

107 100

108 110.6 89.8 134.6

77 63.8 35.7 53.5#

79 61.4 35.7 53.5#

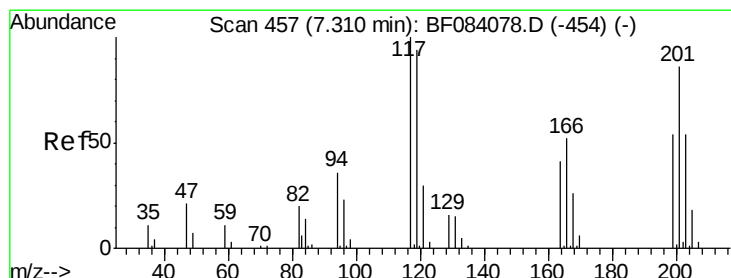
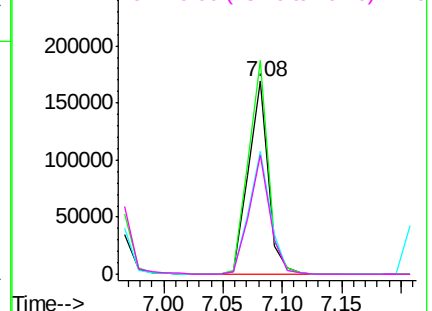
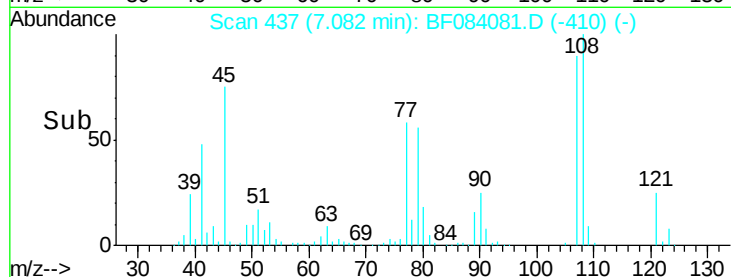


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 72.06 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

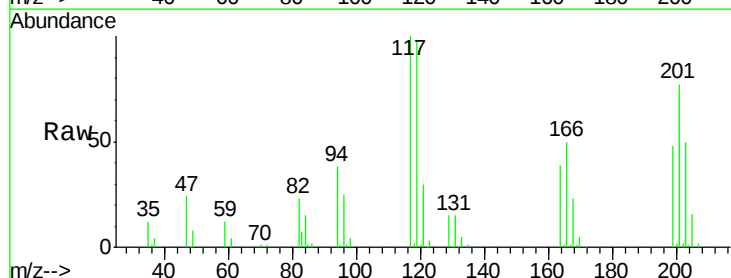
Tgt Ion:117 Resp: 100621

Ion Ratio Lower Upper

117 100

119 97.5 77.4 116.0

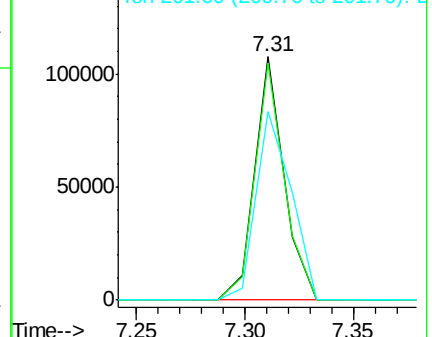
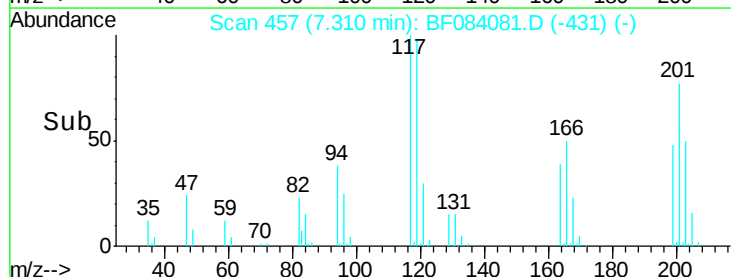
201 77.4 68.6 103.0

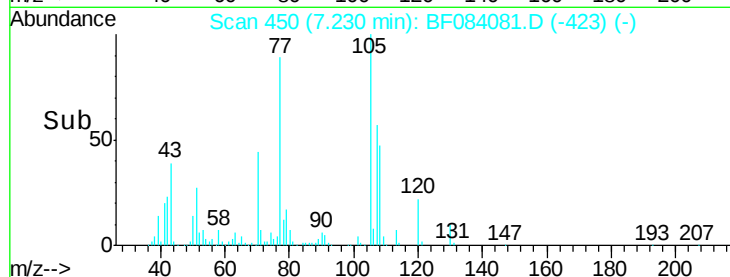
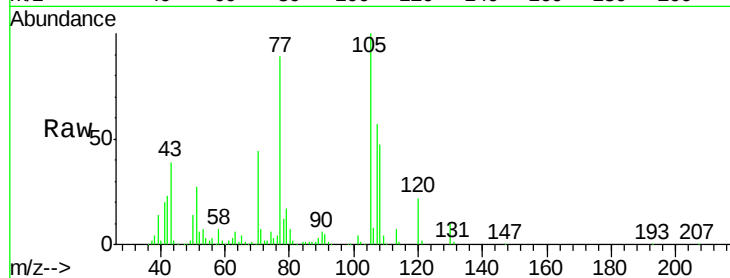
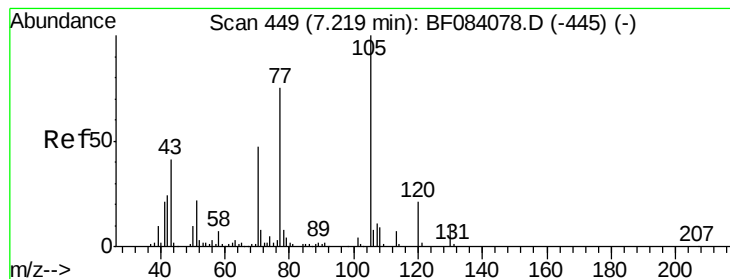


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 73.62 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 156913

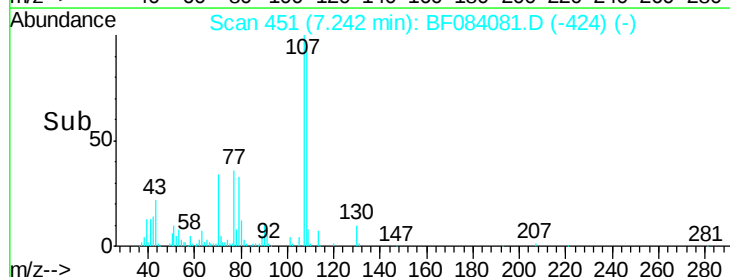
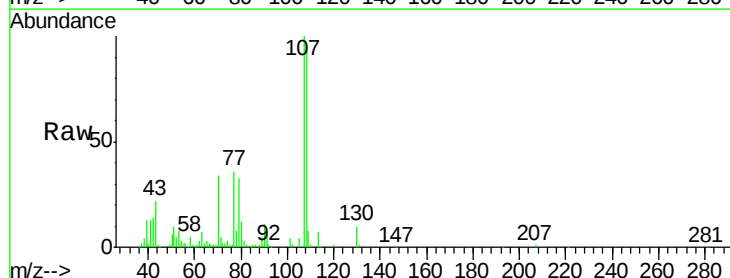
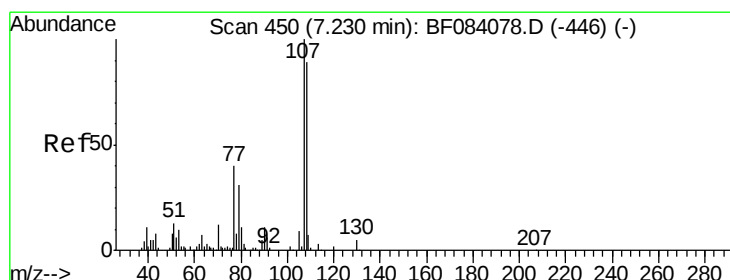
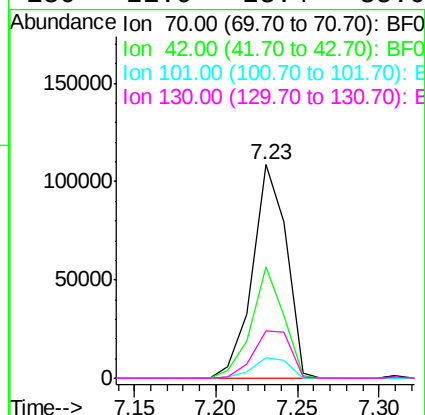
Ion Ratio Lower Upper

70 100

42 52.0 33.3 49.9#

101 9.7 9.3 13.9

130 21.9 23.4 35.0#



#20

3+4-Methylphenols

Concen: 78.37 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Tgt Ion:107 Resp: 264309

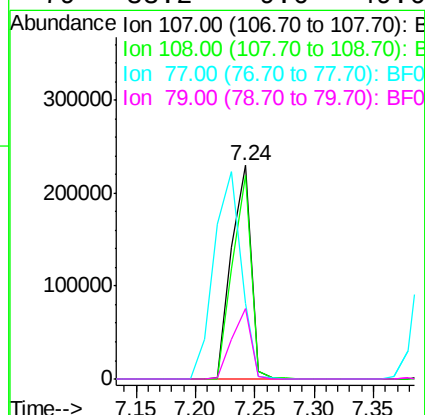
Ion Ratio Lower Upper

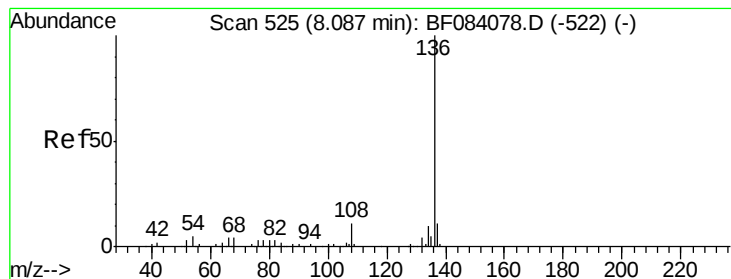
107 100

108 95.2 64.1 104.1

77 35.6 128.9 168.9#

79 33.2 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 189894

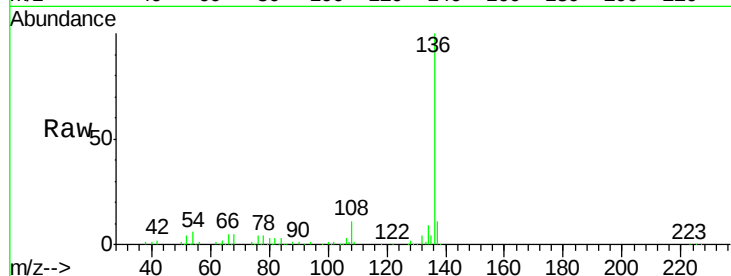
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.1 5.8 8.8

68 4.6 4.2 6.2

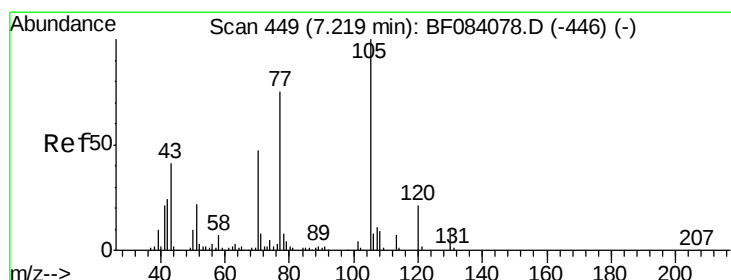
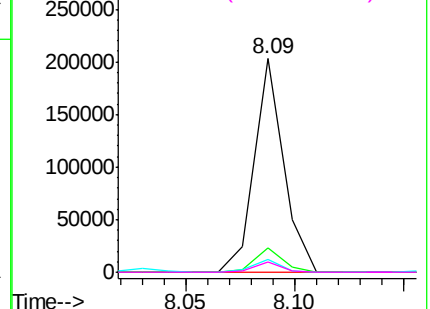
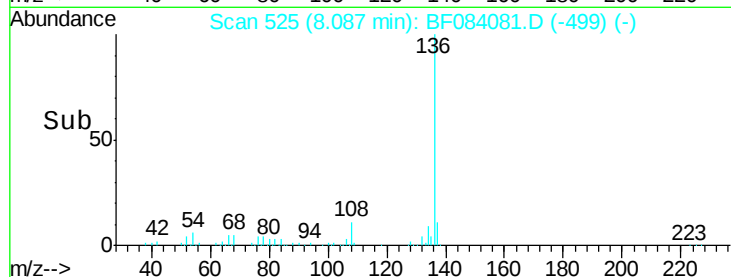


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 75.17 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Tgt Ion:105 Resp: 359760

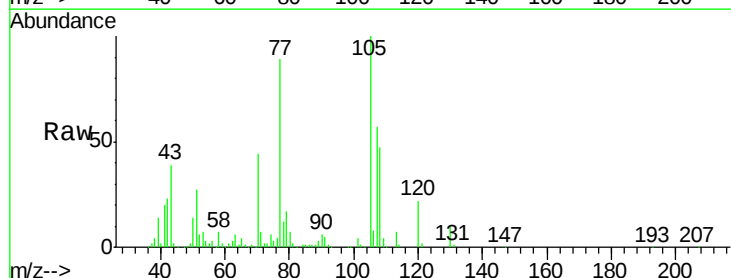
Ion Ratio Lower Upper

105 100

71 6.9 3.7 5.5#

51 27.0 25.1 37.7

120 21.8 16.6 25.0

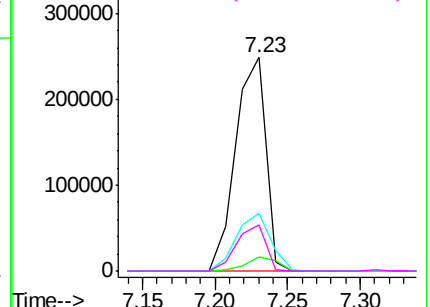
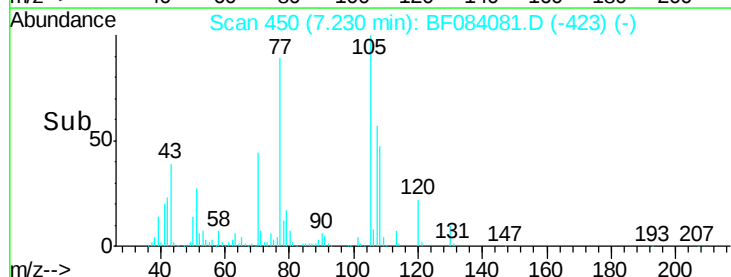


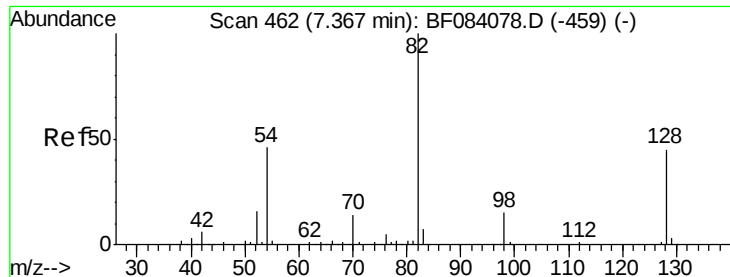
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

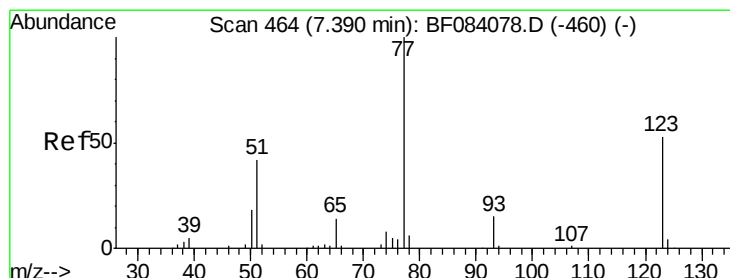
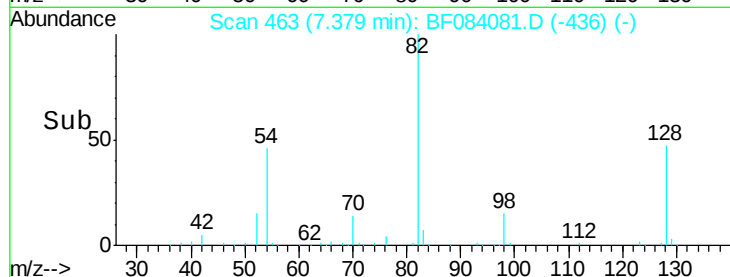
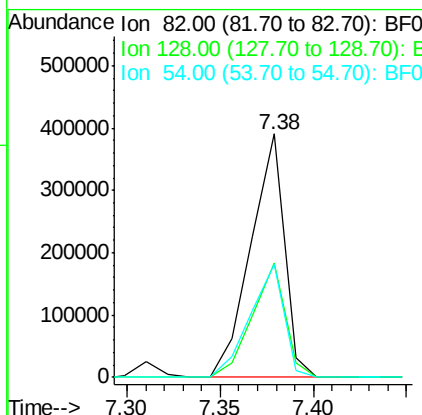
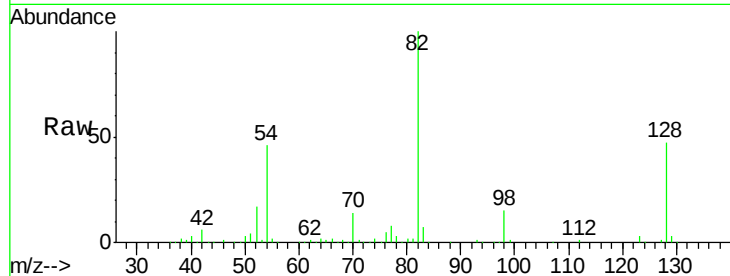




#23
 Nitrobenzene-d5
 Concen: 74.38 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

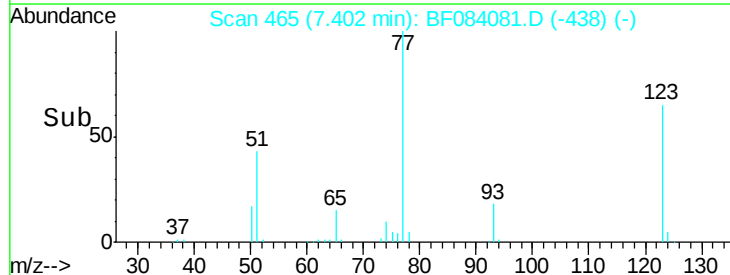
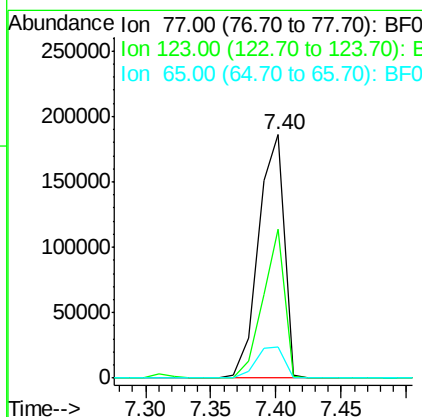
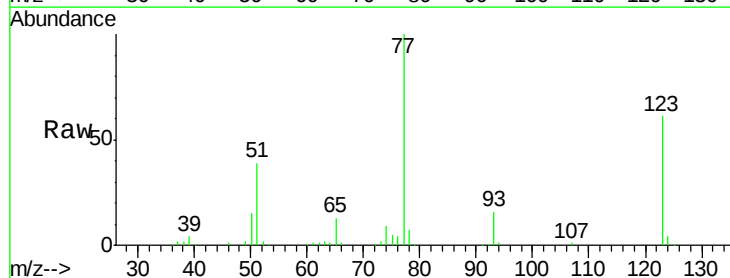
Instrument :
 BNA_F
 ClientSampleId :

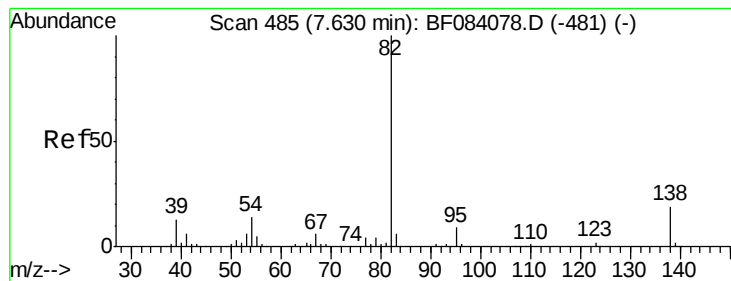
Tot Ion	82	Resp	487466
Ion Ratio	100	Lower	Upper
128	47.0	34.6	51.8
54	46.2	38.4	57.6



#24
 Nitrobenzene
 Concen: 73.45 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion	77	Resp	256013
Ion Ratio	100	Lower	Upper
123	61.4	37.4	56.2#
65	13.0	10.9	16.3





#25

Isophorone

Concen: 76.33 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

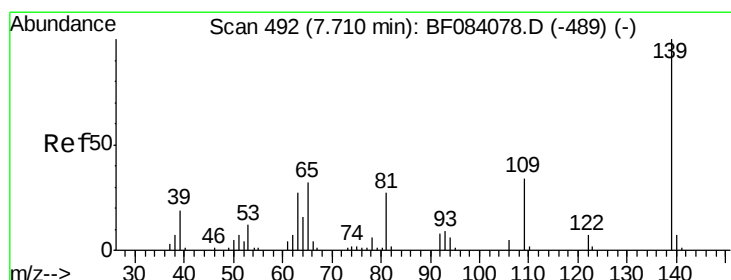
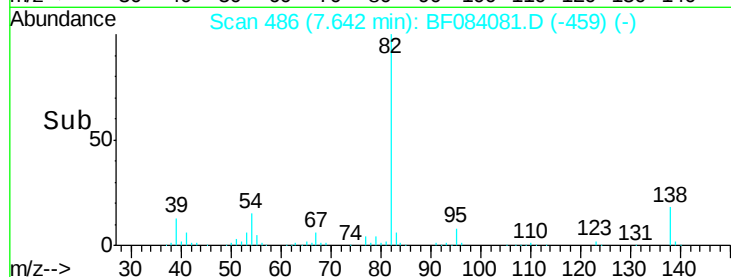
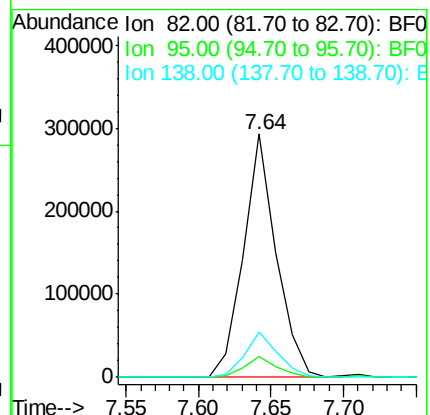
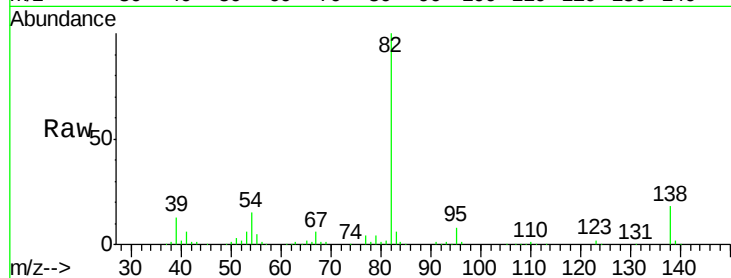
Tot Ion: 82 Resp: 461059

Ion Ratio Lower Upper

82 100

95 8.5 6.6 10.0

138 18.4 13.6 20.4



#26

2-Nitrophenol

Concen: 82.84 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

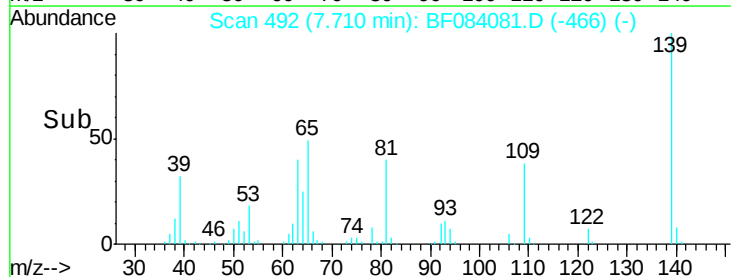
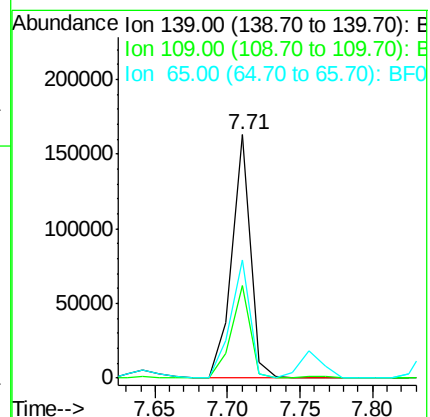
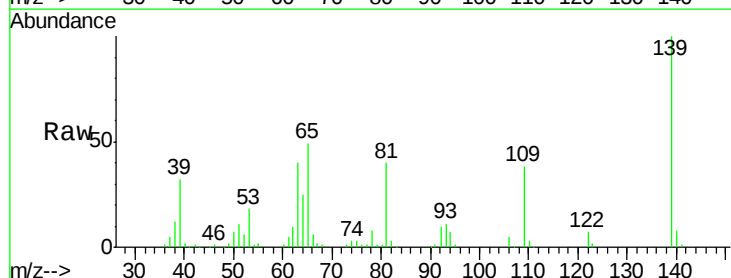
Tgt Ion: 139 Resp: 145296

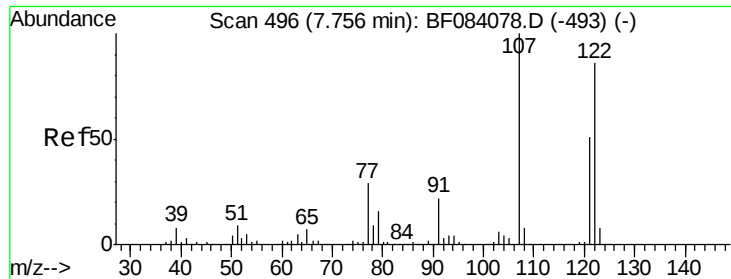
Ion Ratio Lower Upper

139 100

109 38.0 25.4 38.2

65 48.8 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 73.80 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

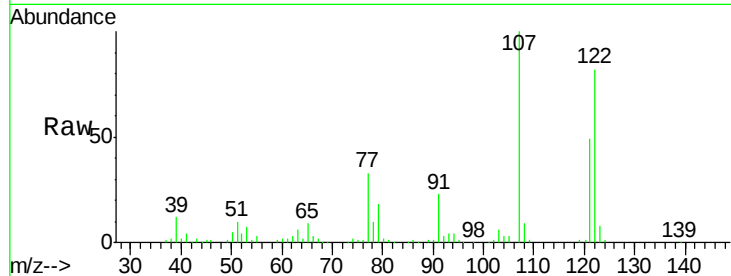
Tot Ion:122 Resp: 218336

Ion Ratio Lower Upper

122 100

107 122.3 99.1 148.7

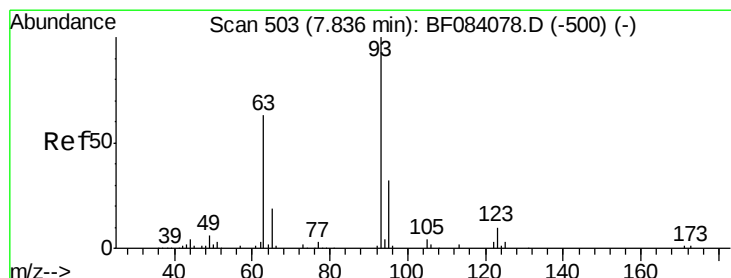
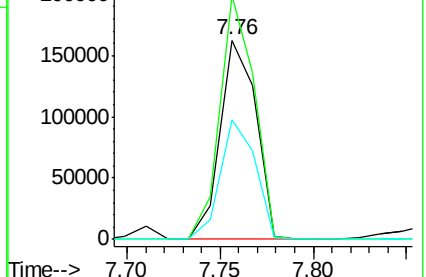
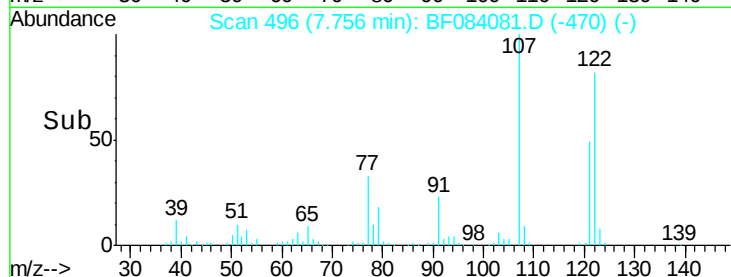
121 59.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 78.16 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

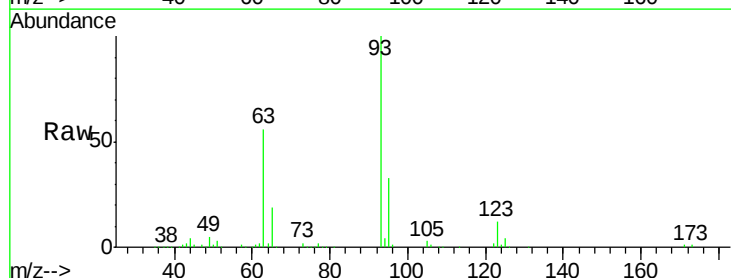
Tgt Ion: 93 Resp: 274342

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

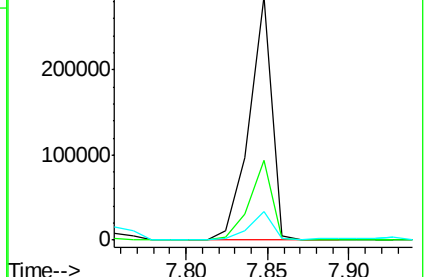
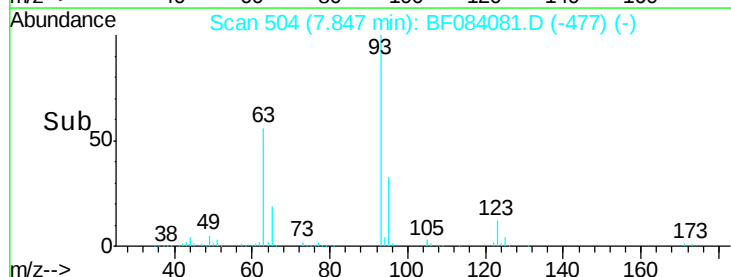
123 11.6 8.6 12.8

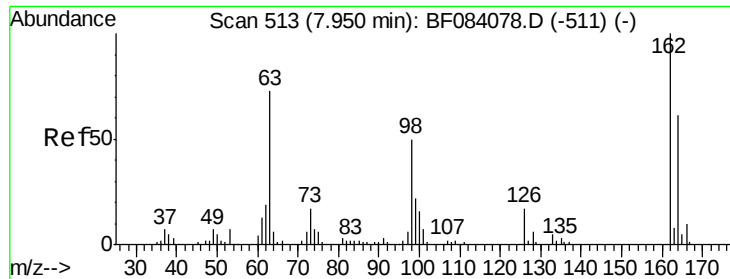


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

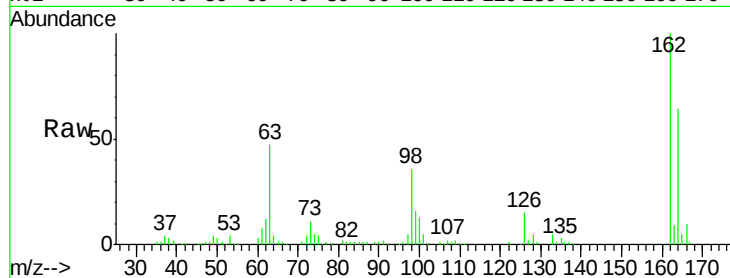




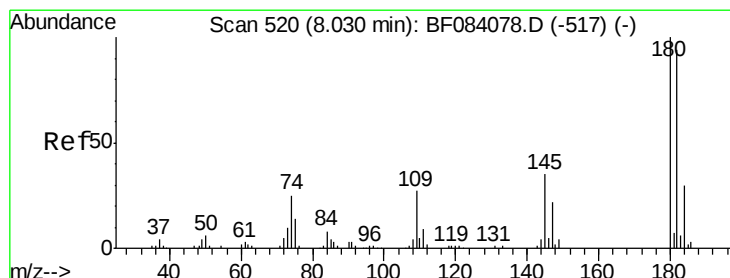
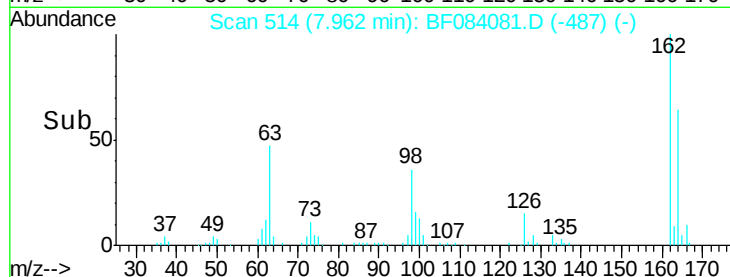
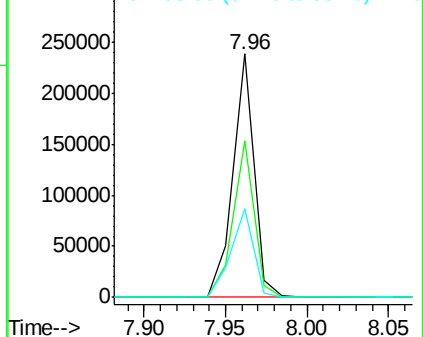
#29
 2,4-Dichlorophenol
 Concen: 77.46 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	36.2	20.2	60.2

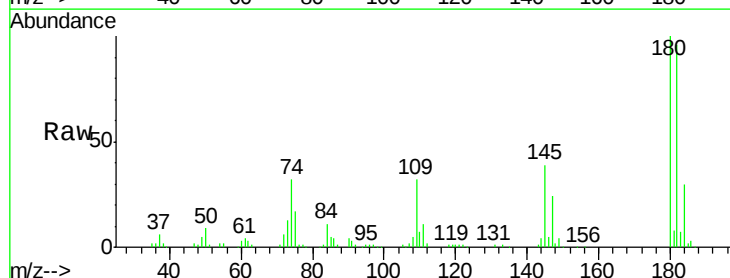


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

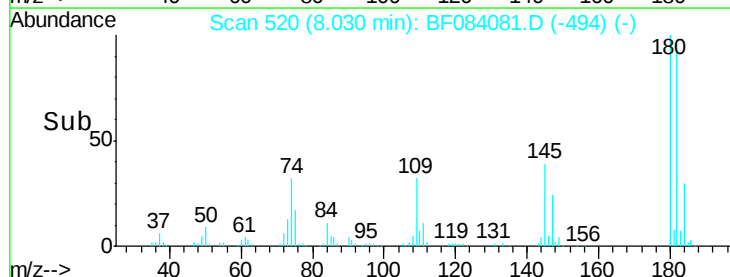
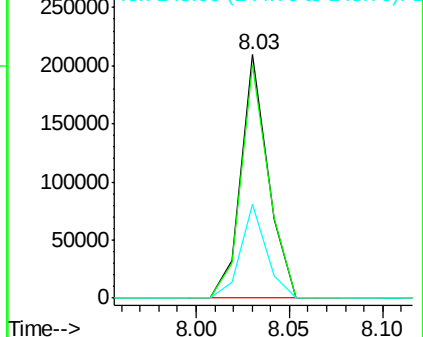


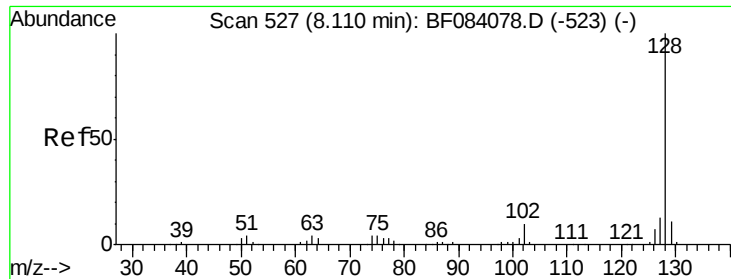
#30
 1,2,4-Trichlorobenzene
 Concen: 70.18 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	38.6	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

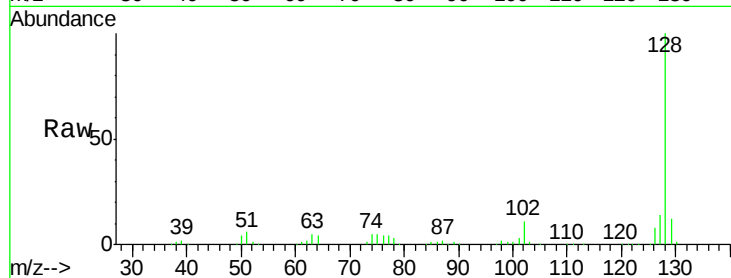




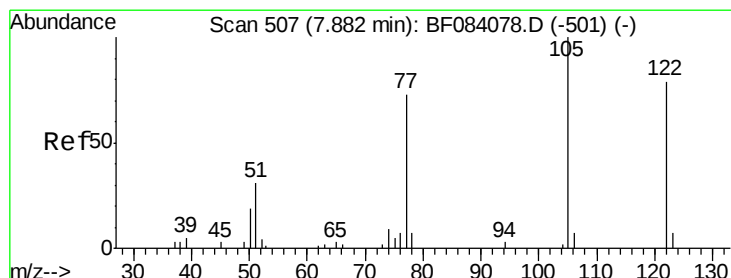
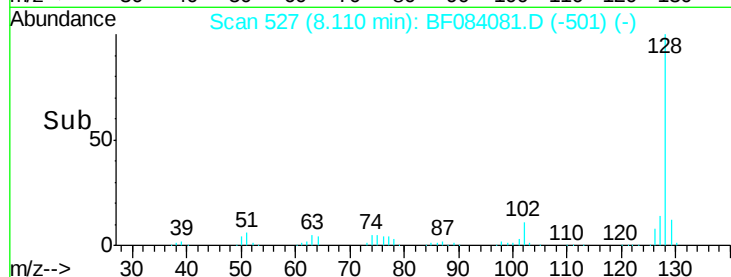
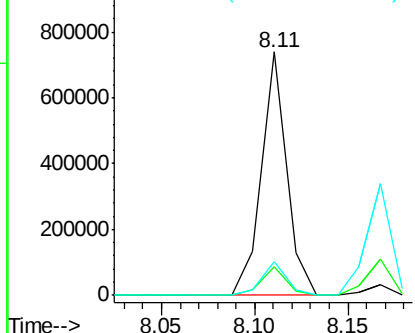
#31
Naphthalene
Concen: 66.80 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 691152
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.8 11.1 16.7

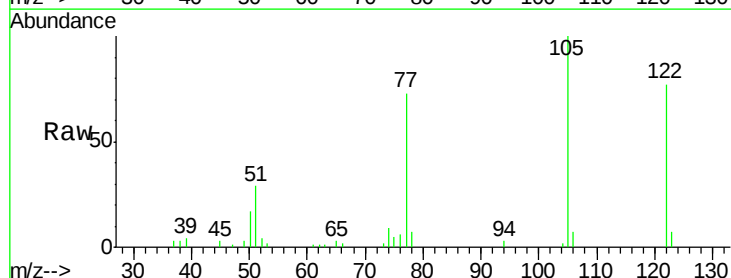


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

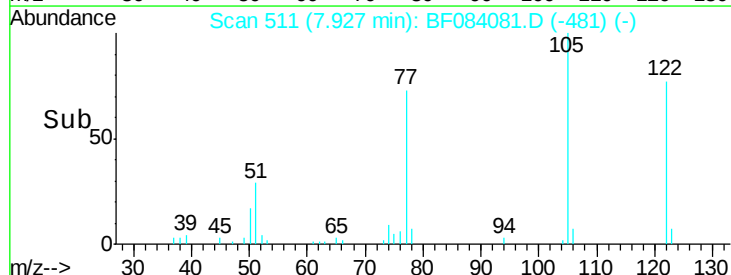
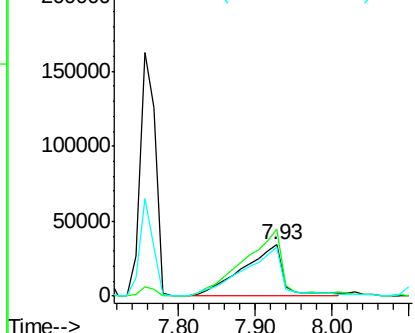


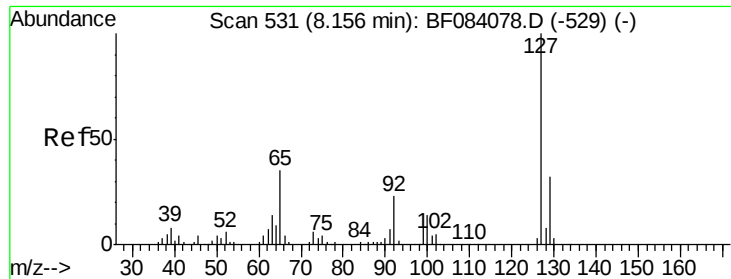
#32
Benzoic acid
Concen: 105.40 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.05 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion:122 Resp: 126550
Ion Ratio Lower Upper
122 100
105 130.0 100.3 140.3
77 94.9 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

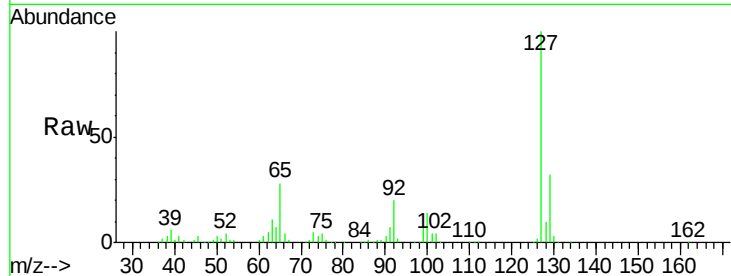




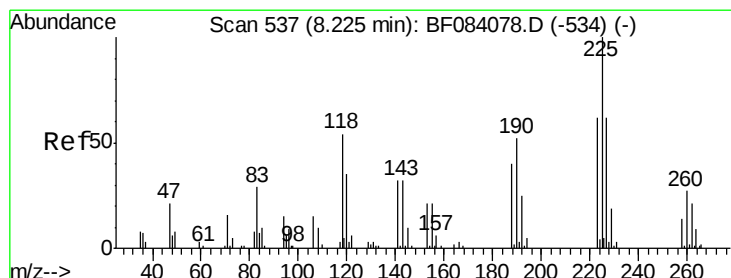
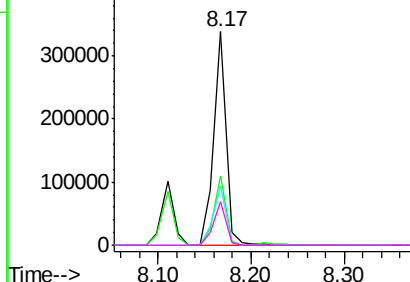
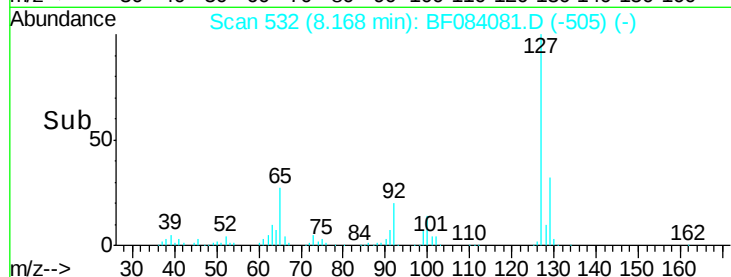
#33
4-Chloroaniline
Concen: 77.21 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	311934
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	27.8	27.2	40.8
92	20.5	17.7	26.5

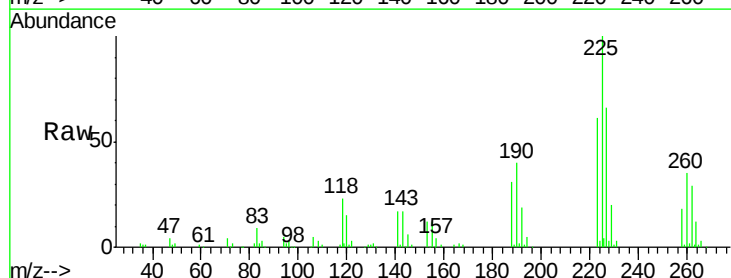


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

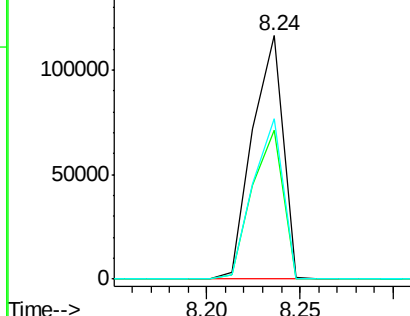
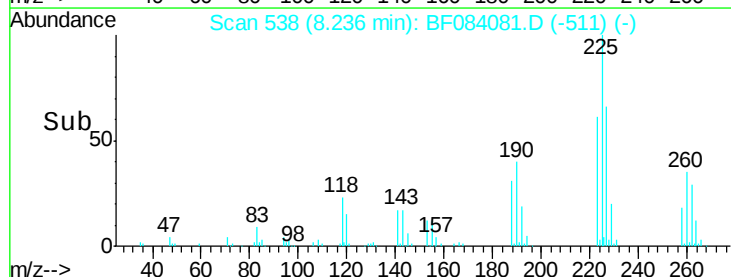


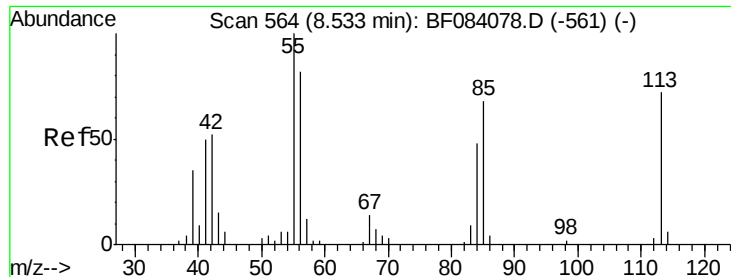
#34
Hexachlorobutadiene
Concen: 77.20 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion:	225	Resp:	131785
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.4	74.0
227	65.6	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

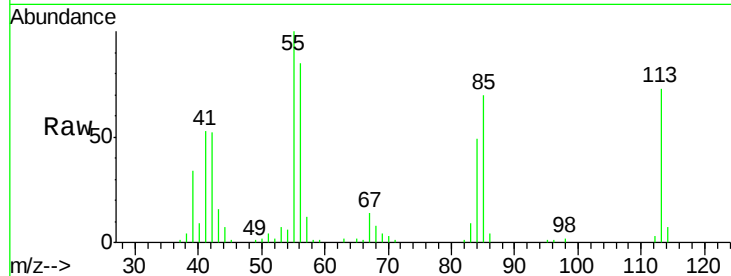




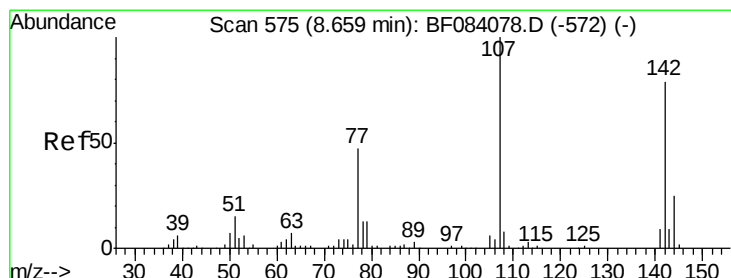
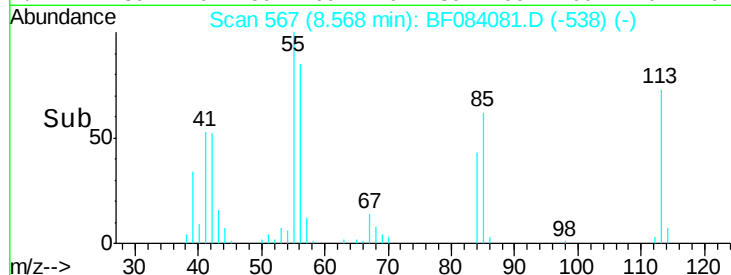
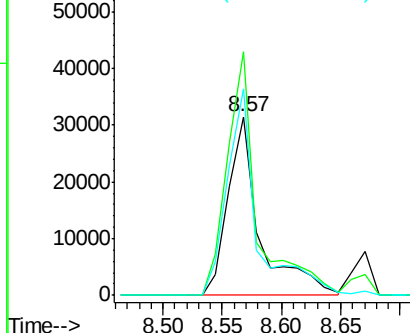
#35
 Caprolactam
 Concen: 77.53 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.03 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 58690
 Ion Ratio Lower Upper
 113 100
 55 136.3 116.9 156.9
 56 115.5 93.8 133.8

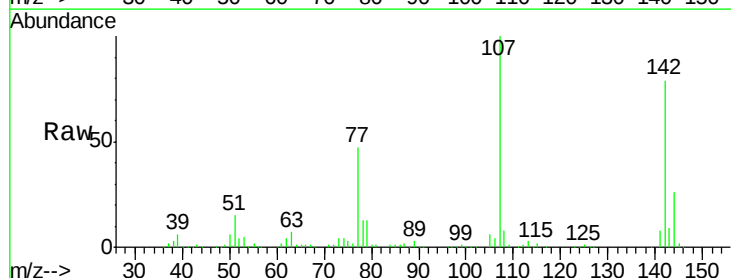


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

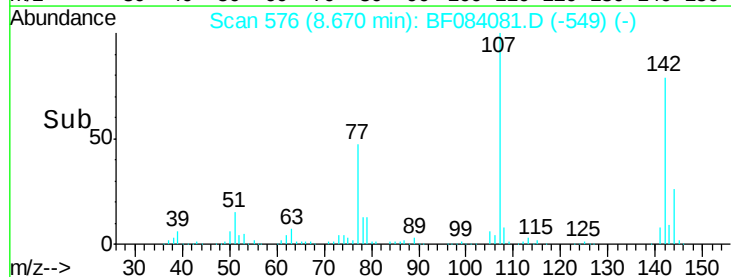
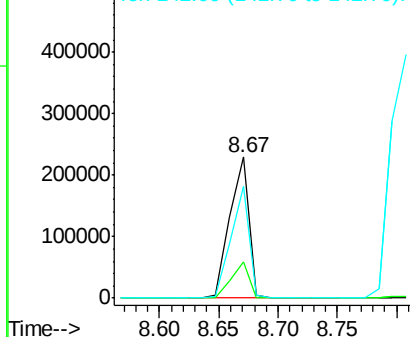


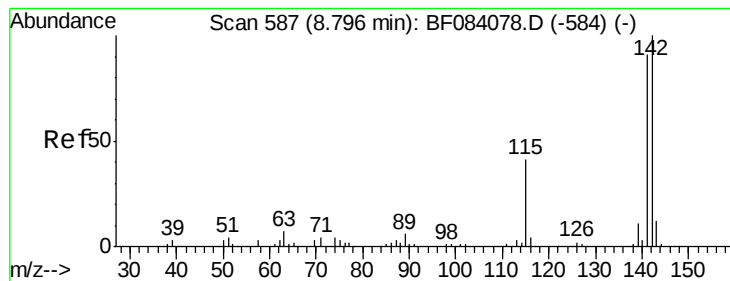
#36
 4-Chloro-3-methylphenol
 Concen: 83.78 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion:107 Resp: 254291
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.7 29.5
 142 79.3 61.8 92.6



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





#37

2-Methylnaphthalene

Concen: 75.72 ng

RT: 8.81 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampled :

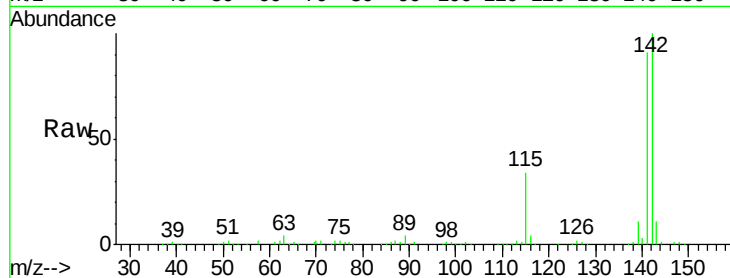
Tot Ion:142 Resp: 482555

Ion Ratio Lower Upper

142 100

141 91.2 72.4 108.6

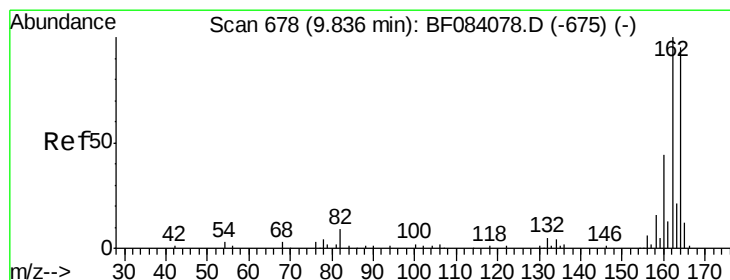
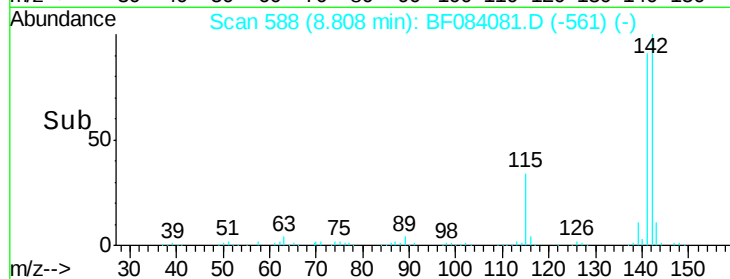
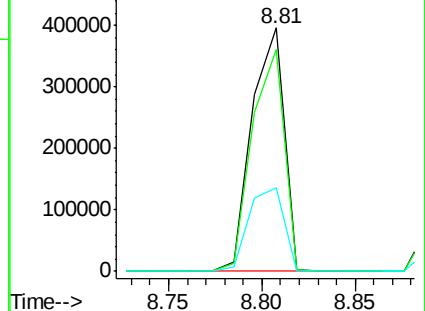
115 34.2 27.9 41.9



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: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

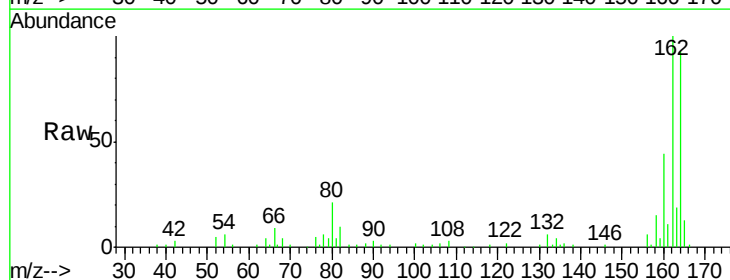
Tgt Ion:164 Resp: 84858

Ion Ratio Lower Upper

164 100

162 108.1 85.1 127.7

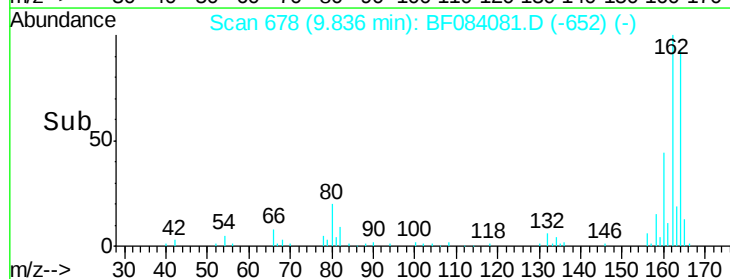
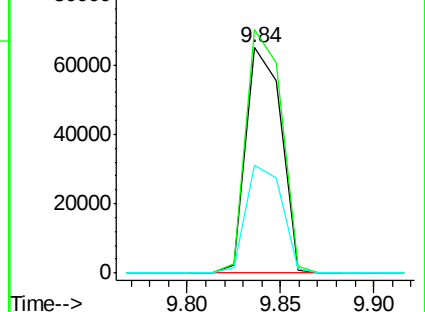
160 47.6 37.5 56.3

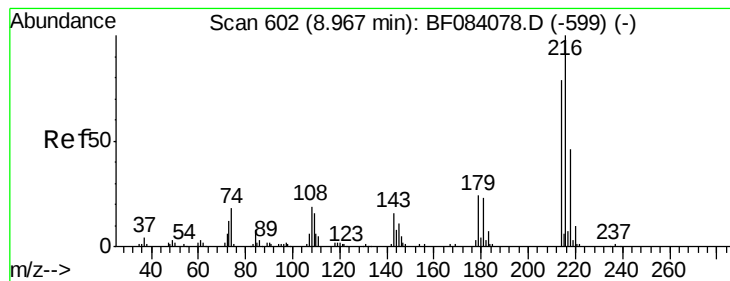


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 70.72 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 192370

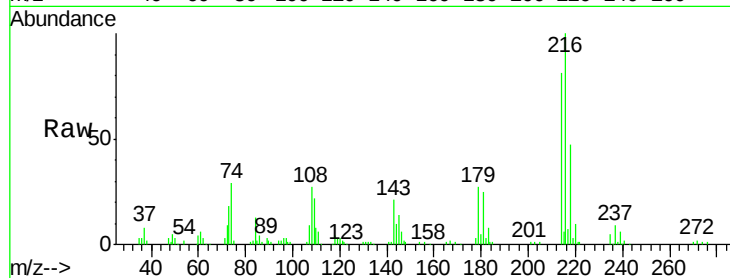
Ion Ratio Lower Upper

216 100

214 77.8 64.2 96.2

179 23.3 18.7 28.1

108 21.3 16.8 25.2

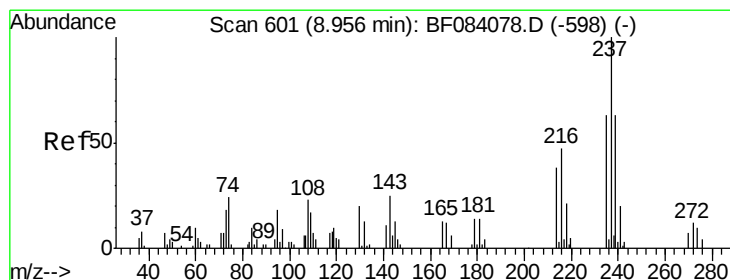
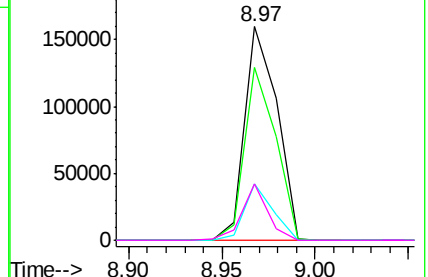
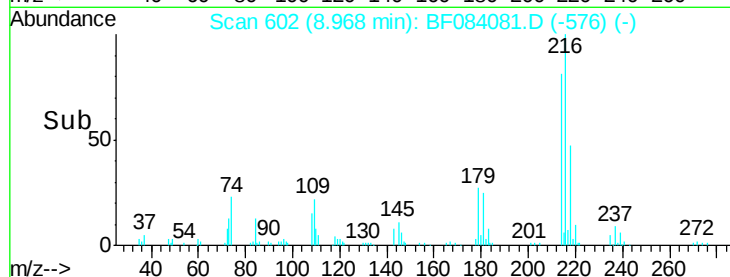


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 121.52 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

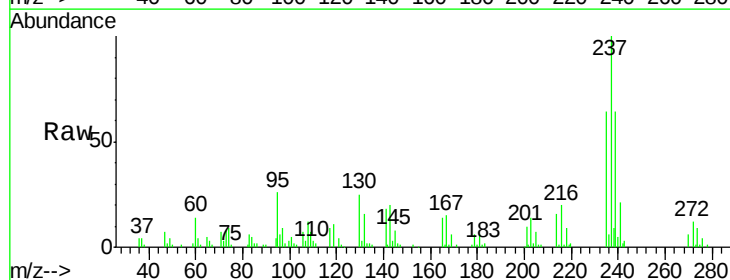
Tgt Ion:237 Resp: 61141

Ion Ratio Lower Upper

237 100

235 64.3 43.1 83.1

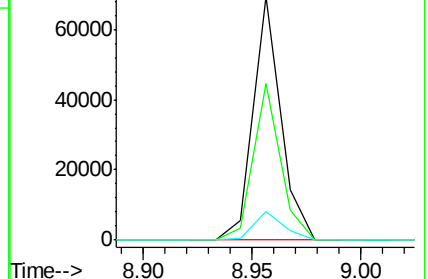
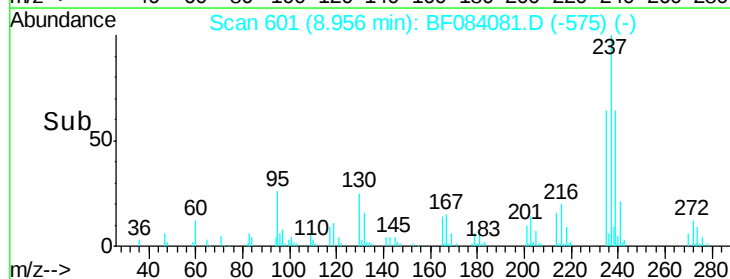
272 11.8 0.0 35.1

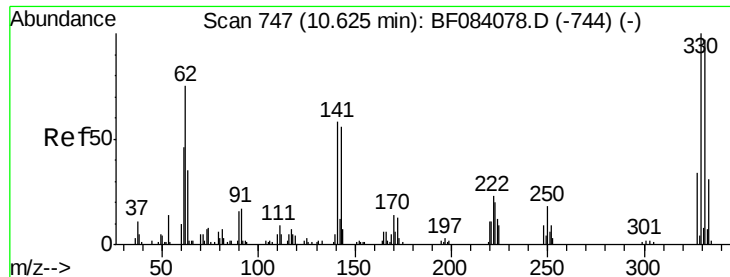


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

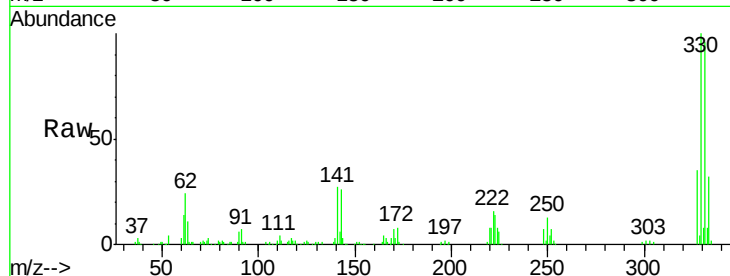




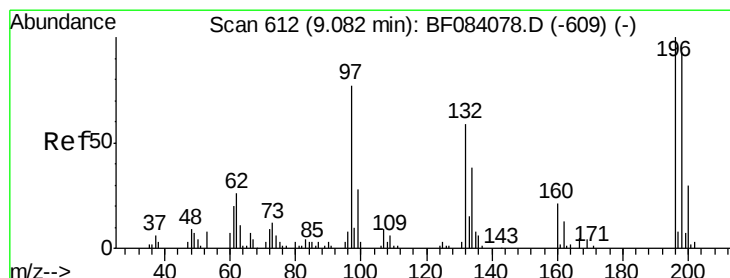
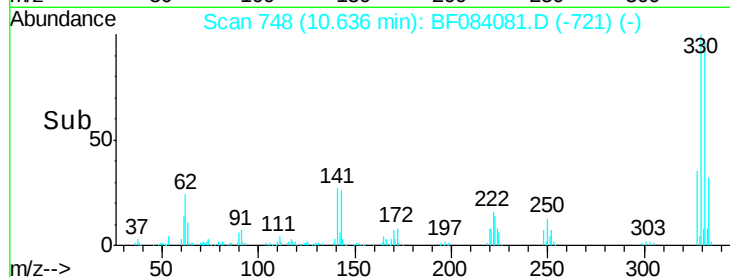
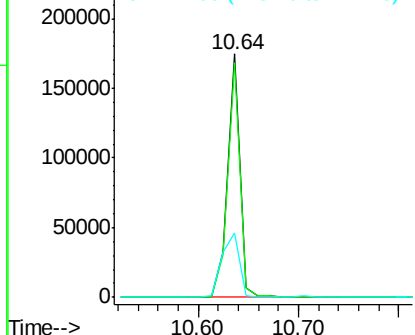
#41
 2,4,6-Tribromophenol
 Concen: 83.55 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 150266
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 37.5 27.8 41.6

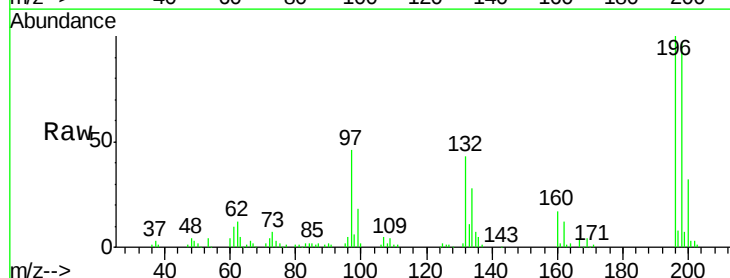


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

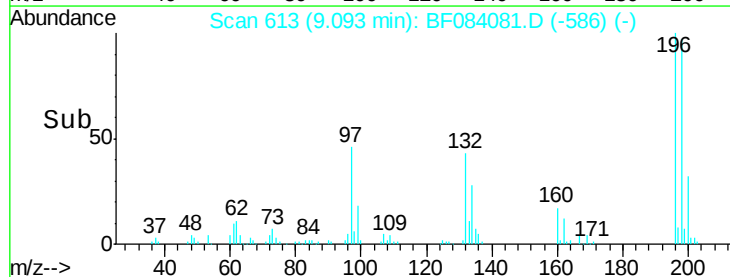
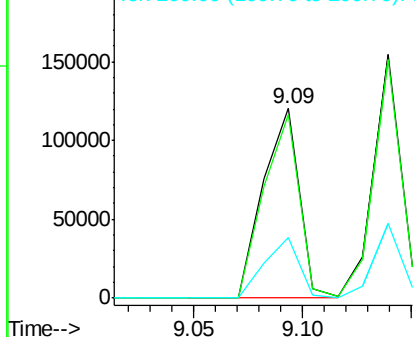


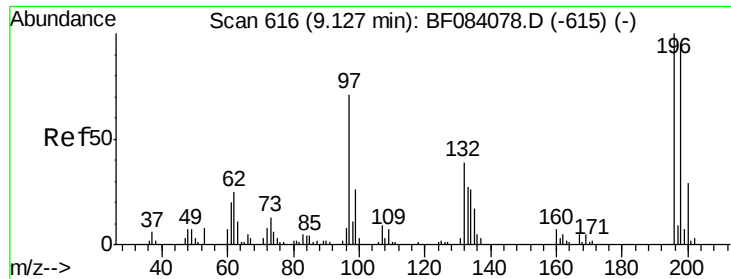
#42
 2,4,6-Trichlorophenol
 Concen: 80.12 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion:196 Resp: 139713
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.7 116.5
 200 32.0 24.6 37.0



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

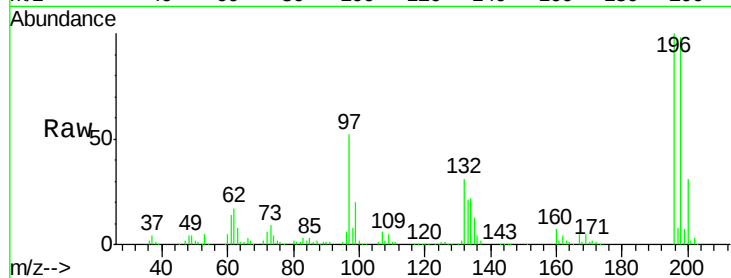




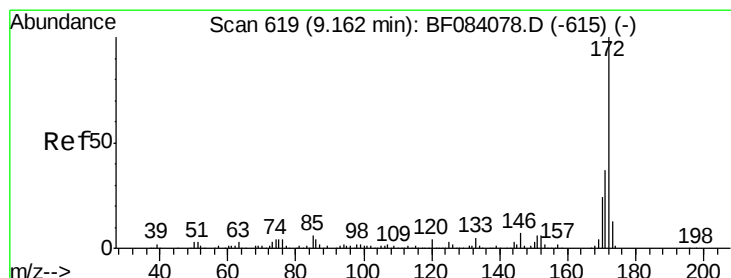
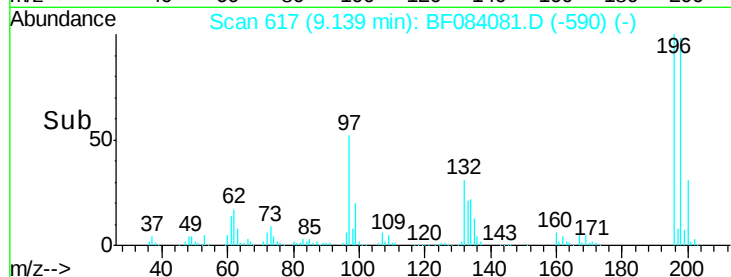
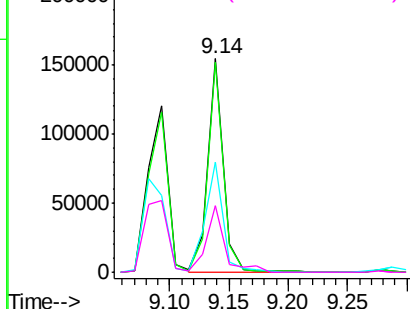
#43
 2,4,5-Trichlorophenol
 Concen: 80.43 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	98.0	79.0	118.6	
97	51.8	33.0	49.6	
132	30.9	21.1	31.7	

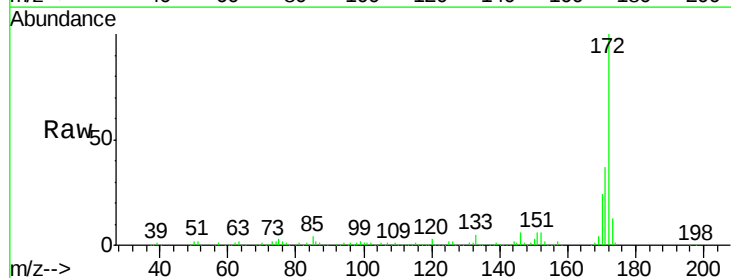


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

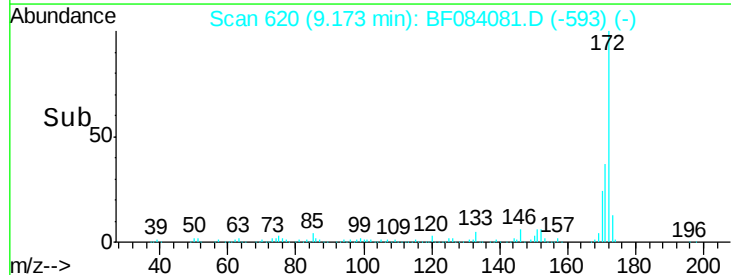
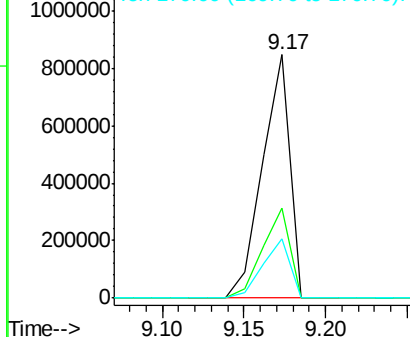


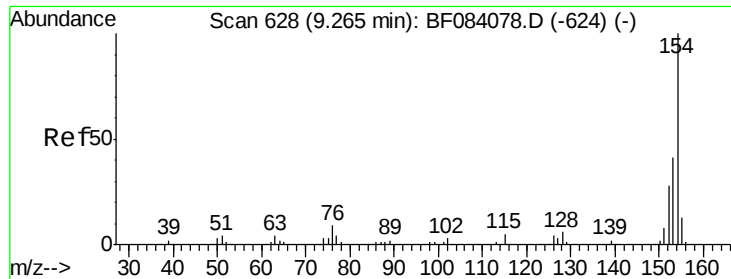
#44
 2-Fluorobiphenyl
 Concen: 79.79 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.8	28.9	43.3	
170	24.3	18.6	27.8	



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

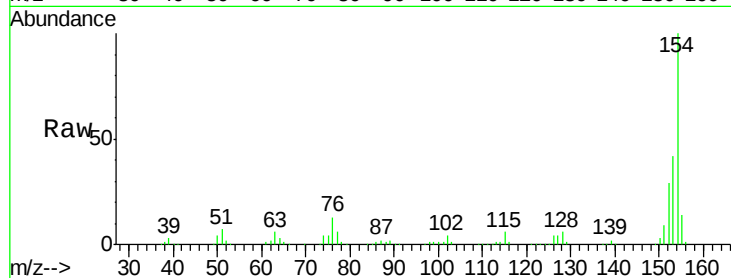




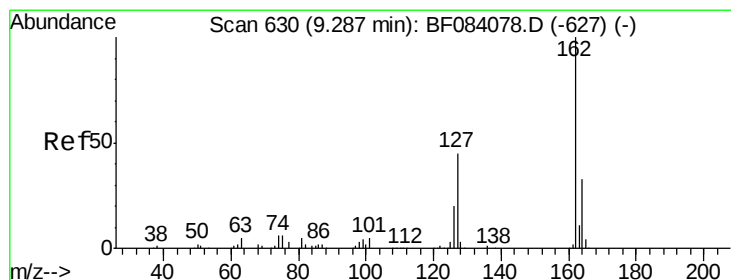
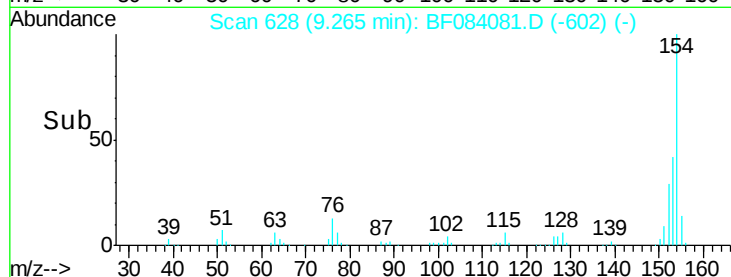
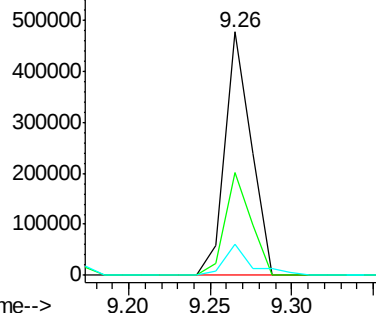
#45
 1,1'-Biphenyl
 Concen: 68.09 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 533349
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.6 61.6
 76 12.7 0.0 32.7

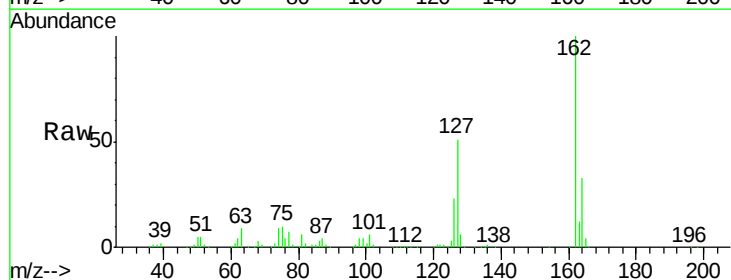


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

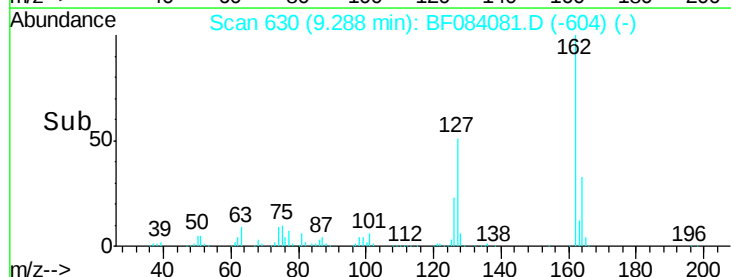
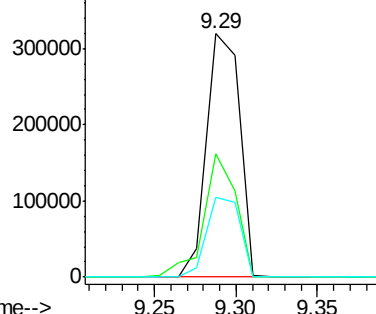


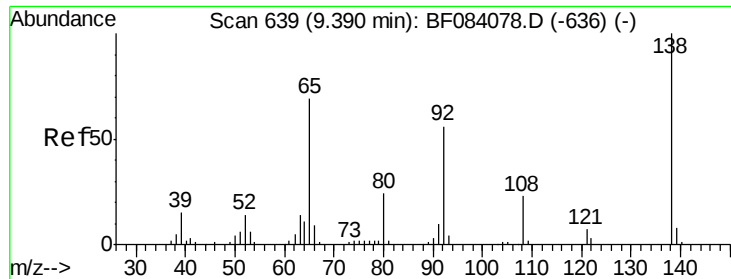
#46
 2-Chloronaphthalene
 Concen: 76.33 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion:162 Resp: 447821
 Ion Ratio Lower Upper
 162 100
 127 50.7 40.2 60.4
 164 32.9 25.7 38.5



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

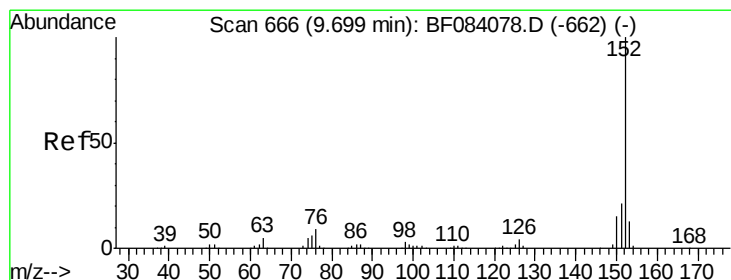
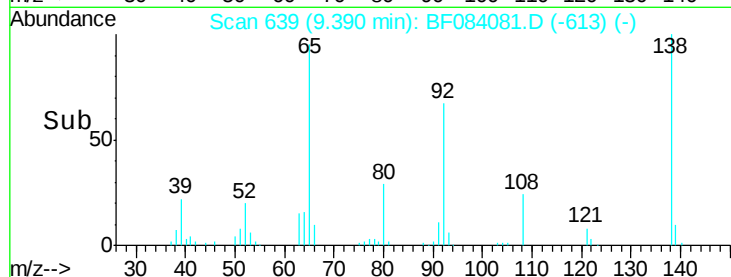
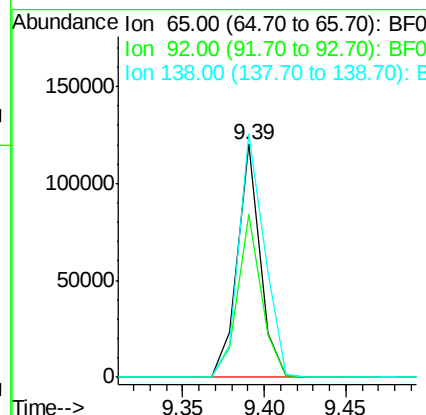
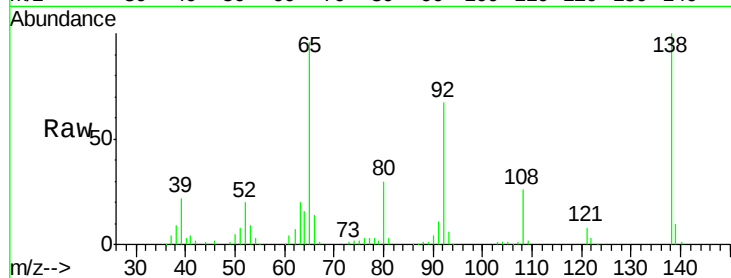




#47
 2-Nitroaniline
 Concen: 73.29 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

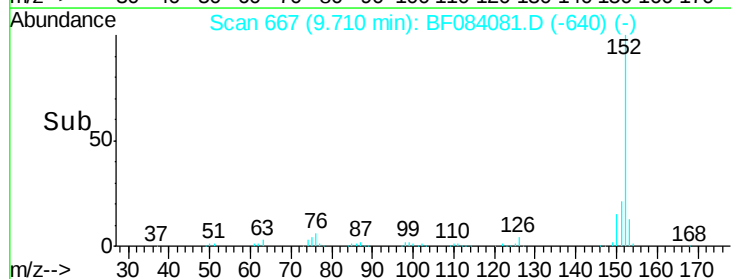
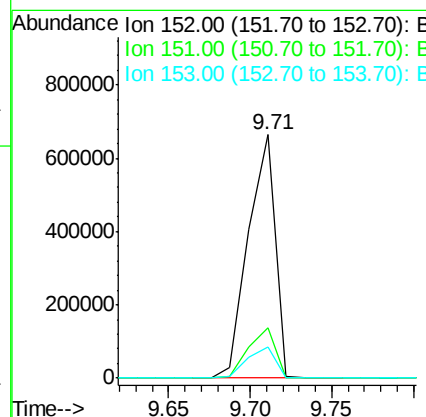
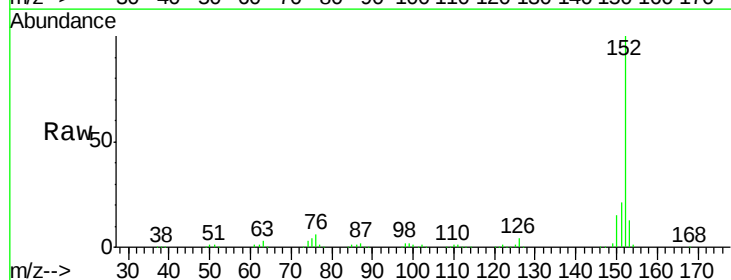
Instrument :
 BNA_F
 ClientSampleId :

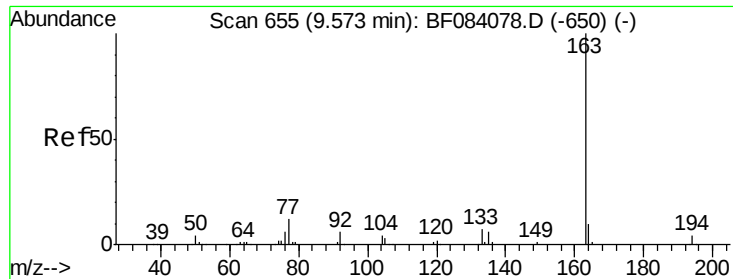
Tot Ion: 65 Resp: 114875
 Ion Ratio Lower Upper
 65 100
 92 69.7 53.4 80.2
 138 104.4 71.1 106.7



#48
 Acenaphthylene
 Concen: 79.28 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion: 152 Resp: 759792
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 12.9 10.4 15.6

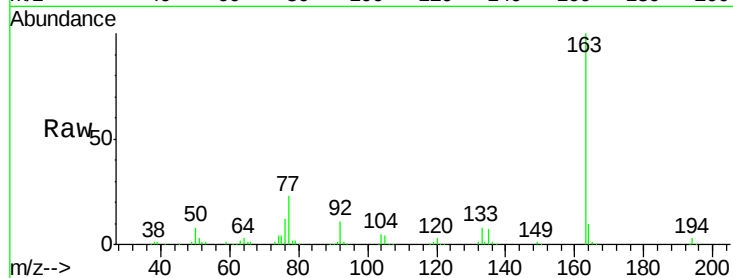




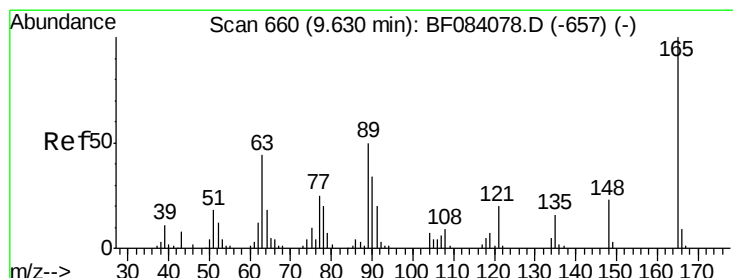
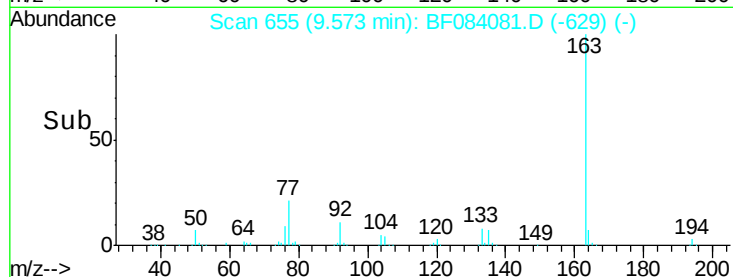
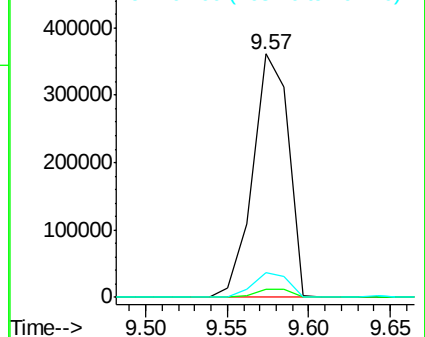
#49
Dimethylphthalate
Concen: 77.68 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 548188
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.3 8.0 12.0

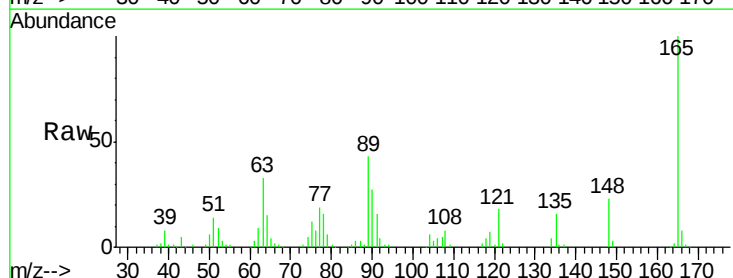


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

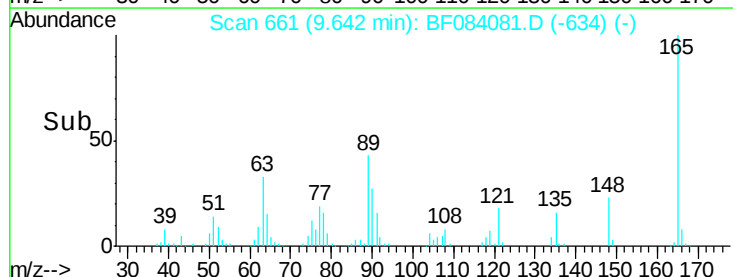
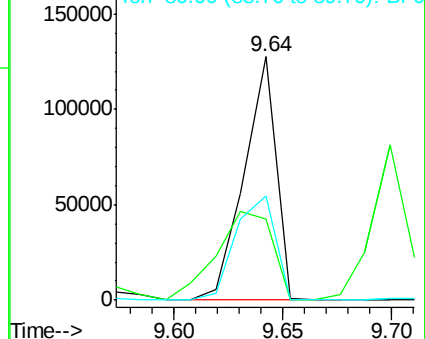


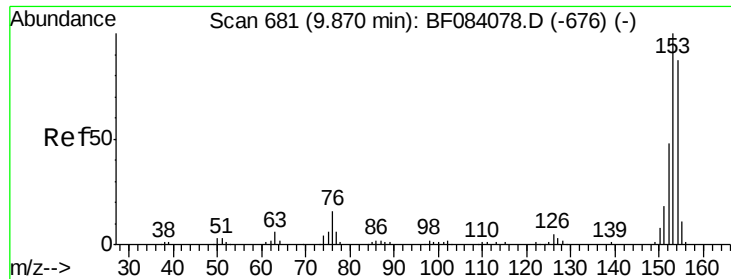
#50
2,6-Dinitrotoluene
Concen: 88.64 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion:165 Resp: 130226
Ion Ratio Lower Upper
165 100
63 33.2 28.8 43.2
89 42.6 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

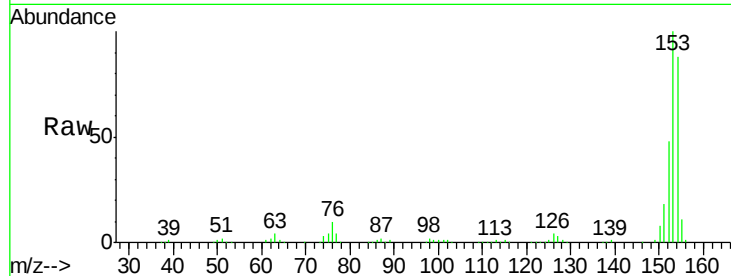




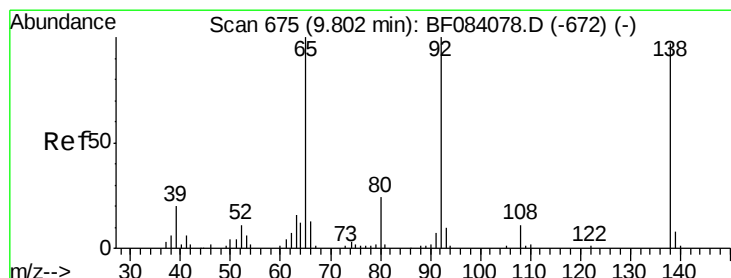
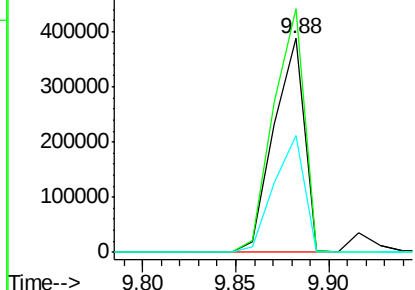
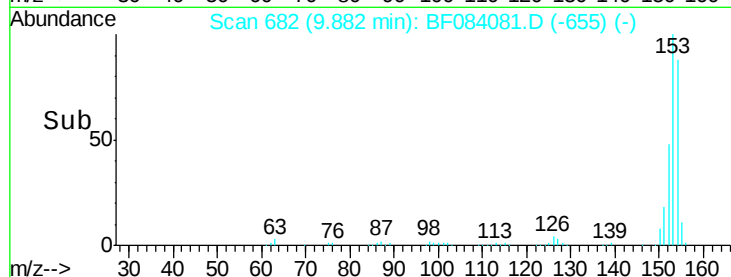
#51
Acenaphthene
Concen: 79.11 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 441068
Ion Ratio Lower Upper
154 100
153 113.9 91.5 137.3
152 54.6 43.0 64.6

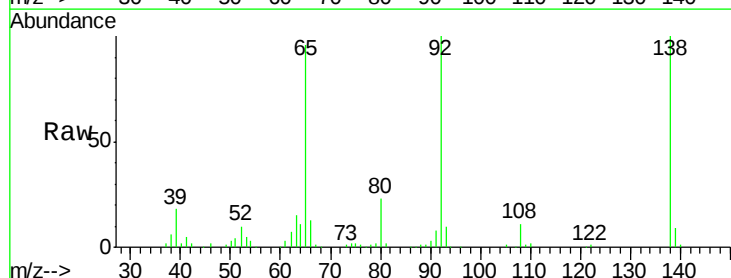


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

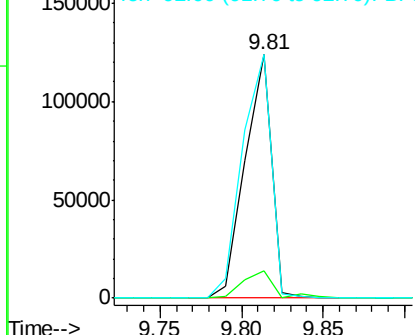
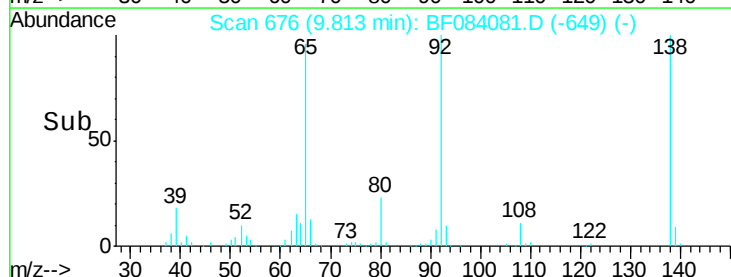


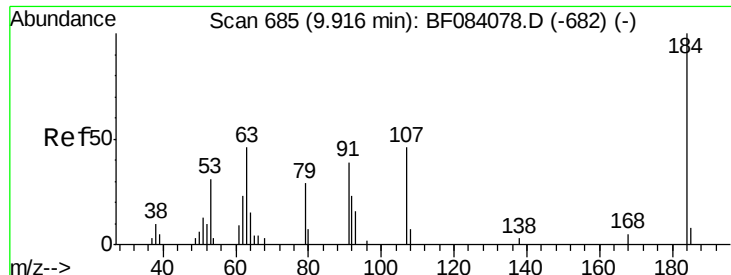
#52
3-Nitroaniline
Concen: 88.57 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion:138 Resp: 139658
Ion Ratio Lower Upper
138 100
108 11.1 10.5 15.7
92 99.8 103.9 155.9#



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

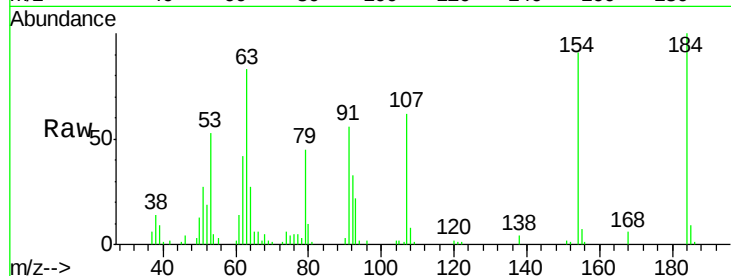




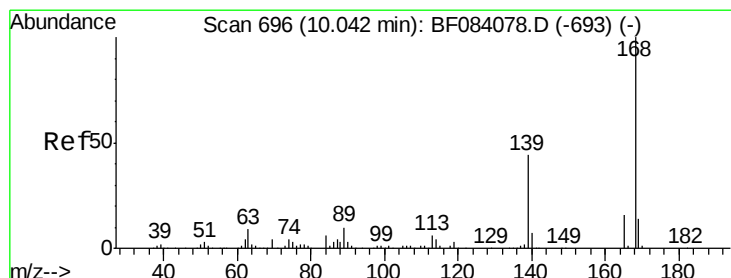
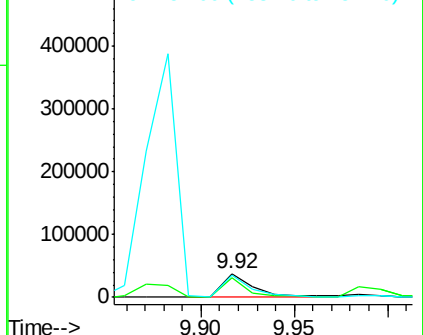
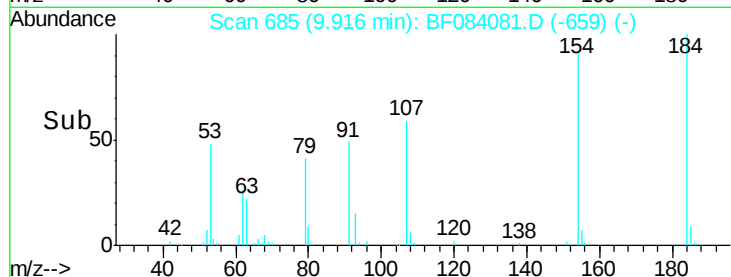
#53
 2,4-Dinitrophenol
 Concen: 121.89 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 45374
 Ion Ratio Lower Upper
 184 100
 63 82.5 43.1 64.7#
 154 91.2 60.5 90.7#

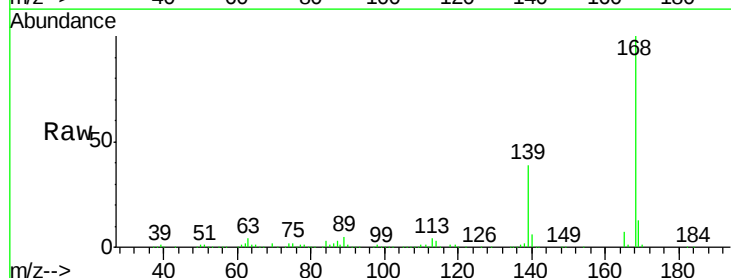


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

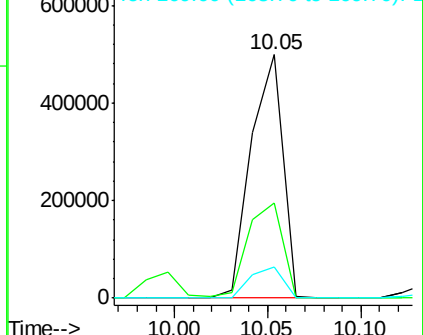
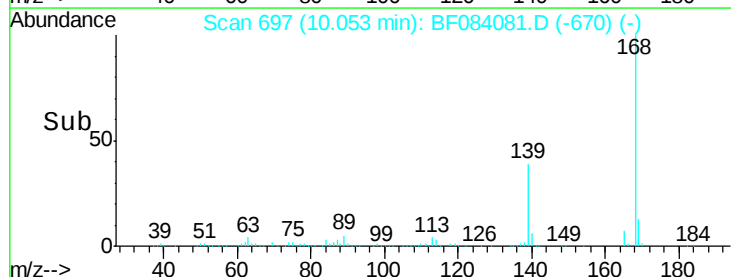


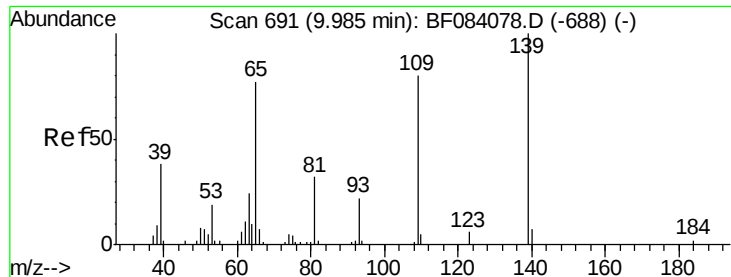
#54
 Dibenzofuran
 Concen: 76.46 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion:168 Resp: 589062
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.5 45.7
 169 13.0 10.4 15.6



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

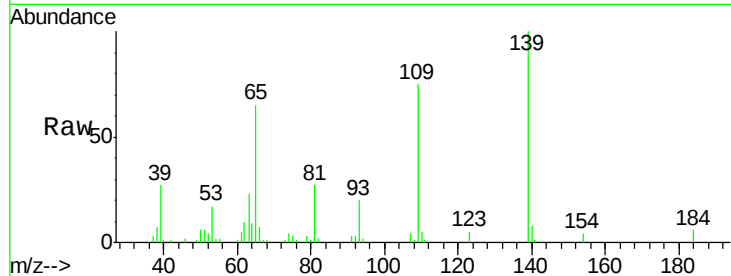




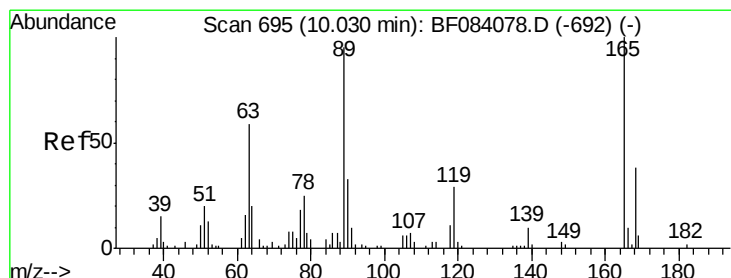
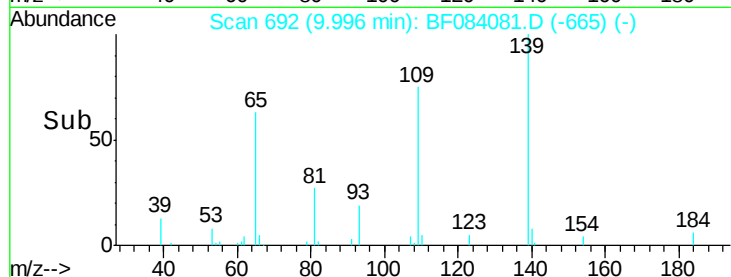
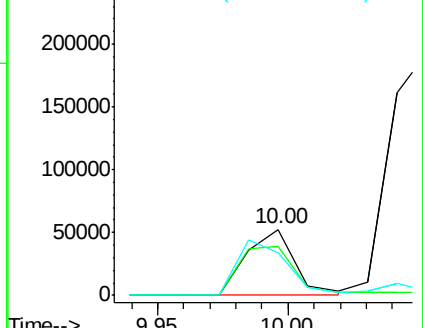
#55
4-Nitrophenol
Concen: 89.64 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 68207
Ion Ratio Lower Upper
139 100
109 74.9 58.5 98.5
65 64.8 57.6 97.6



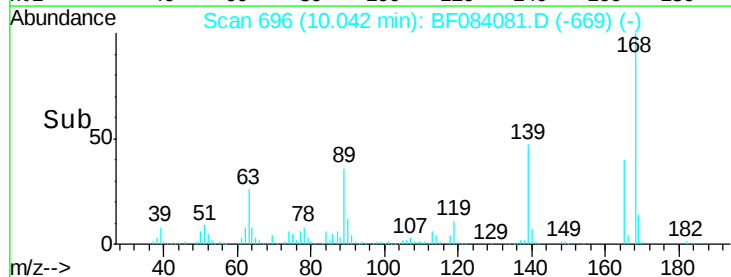
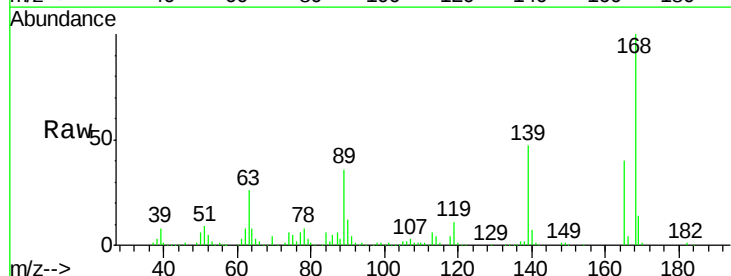
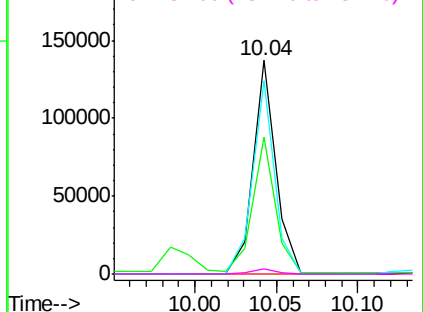
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

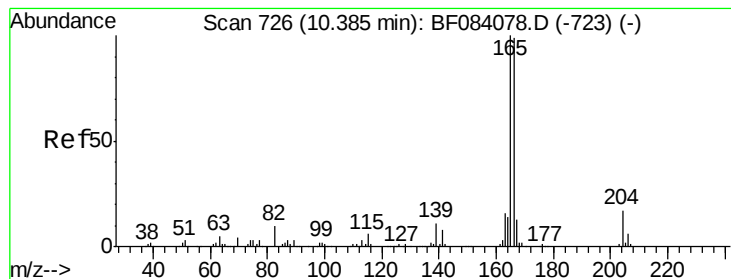


#56
2,4-Dinitrotoluene
Concen: 65.88 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion:165 Resp: 133100
Ion Ratio Lower Upper
165 100
63 64.2 36.7 55.1#
89 90.4 61.9 92.9
182 2.3 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 74.99 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

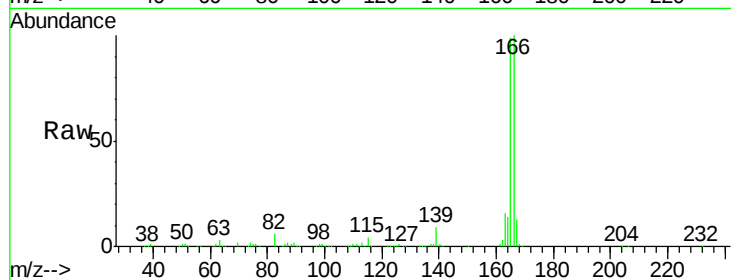
Tot Ion:166 Resp: 492290

Ion Ratio Lower Upper

166 100

165 99.1 79.1 118.7

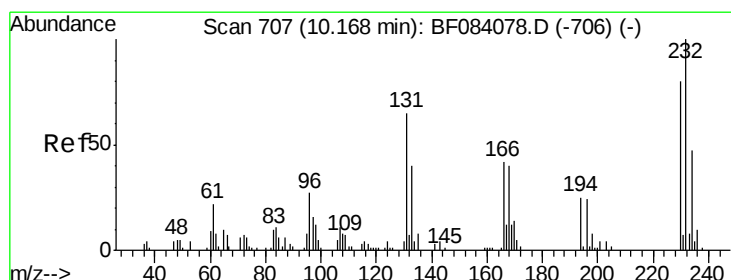
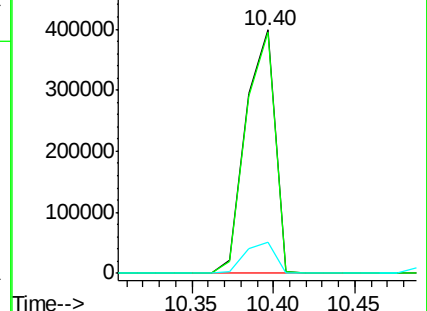
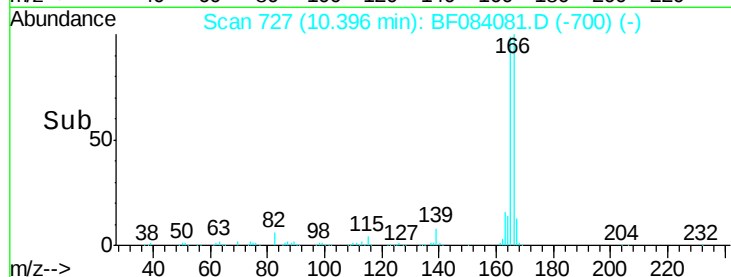
167 12.9 10.4 15.6



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: 83.91 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Tgt Ion:232 Resp: 103708

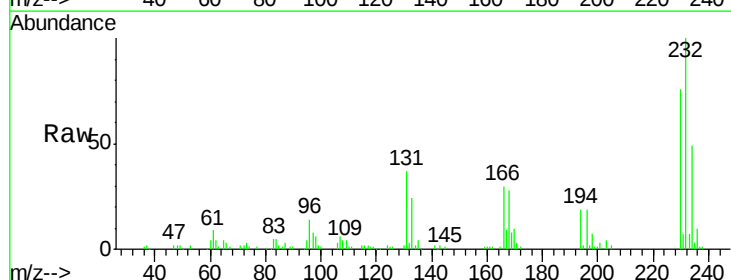
Ion Ratio Lower Upper

232 100

131 51.9 47.0 70.6

130 2.6 2.0 3.0

166 34.0 30.5 45.7

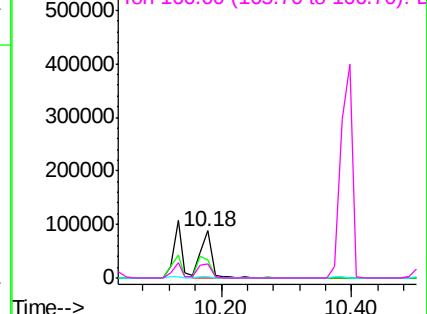
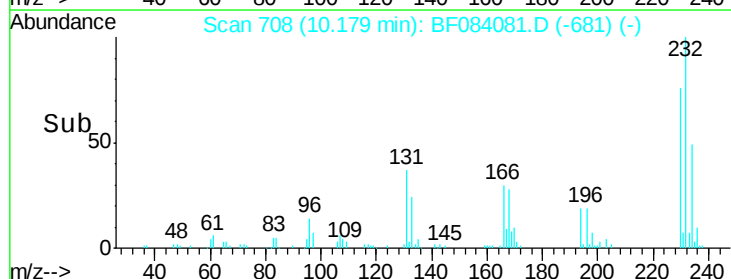


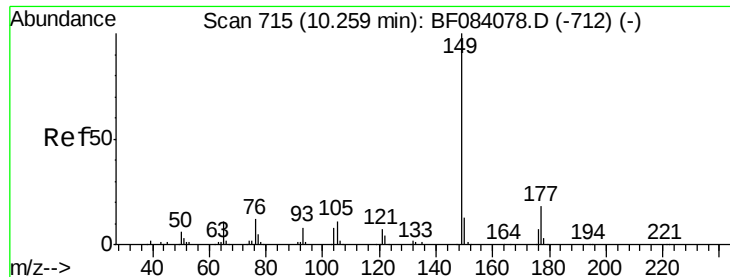
Abundance Ion 232.00 (231.70 to 232.70): E

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

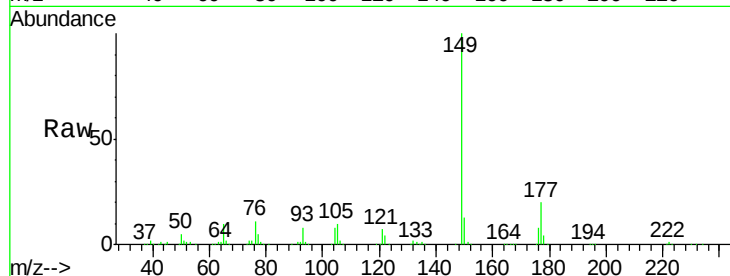




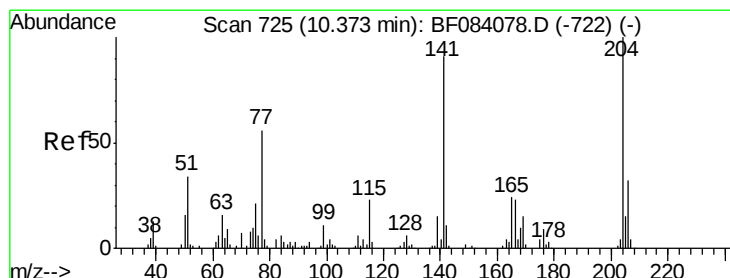
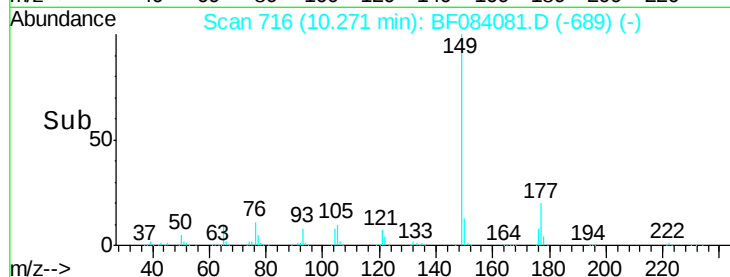
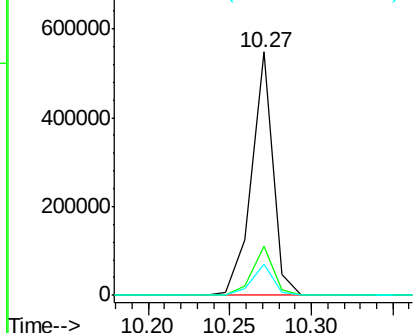
#59
Diethylphthalate
Concen: 68.50 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 499288
Ion Ratio Lower Upper
149 100
177 19.9 17.3 25.9
150 12.9 9.8 14.8

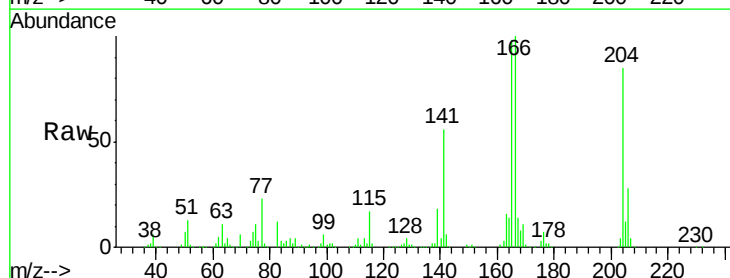


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

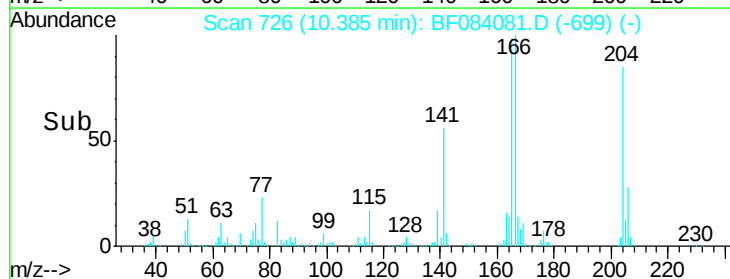
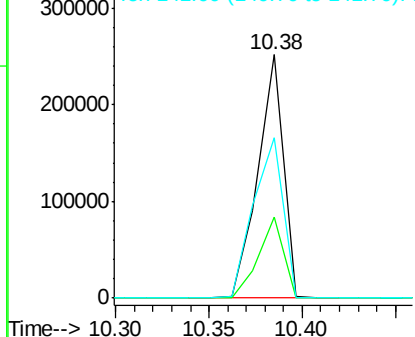


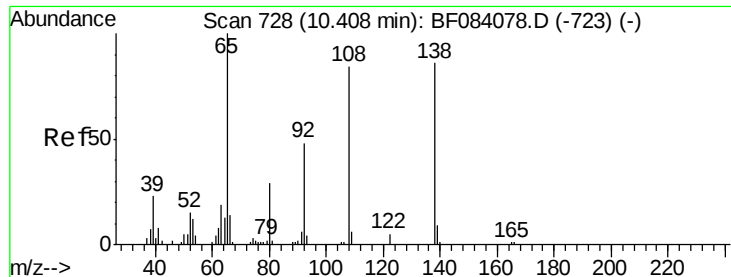
#60
4-Chlorophenyl-phenylether
Concen: 78.60 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion:204 Resp: 236450
Ion Ratio Lower Upper
204 100
206 33.1 25.7 38.5
141 66.1 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

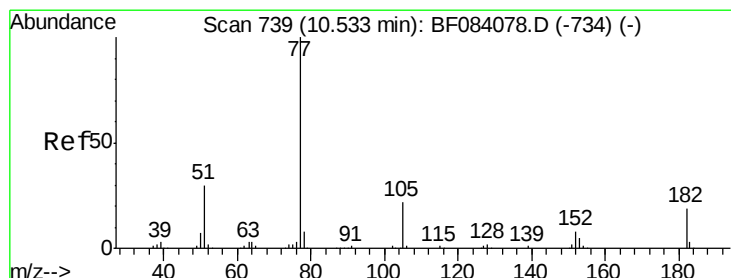
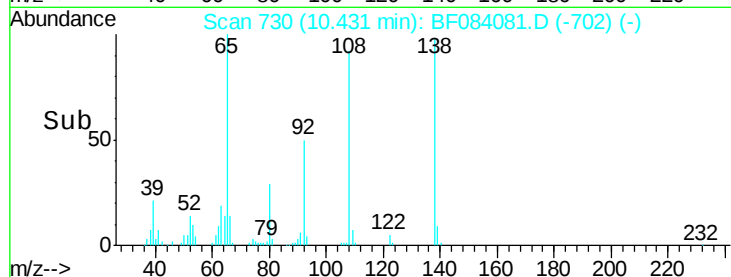
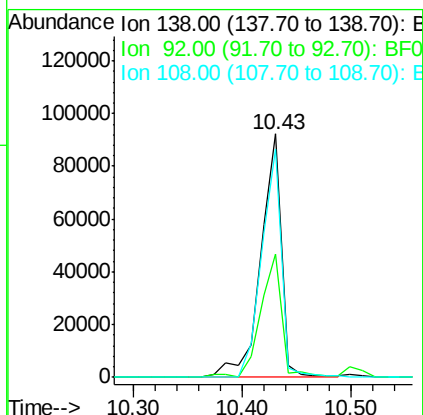
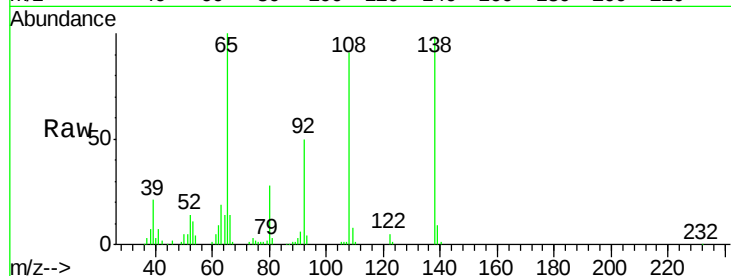




#61
4-Nitroaniline
Concen: 84.42 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.02 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

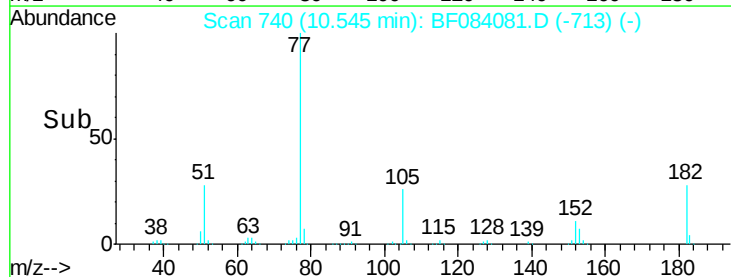
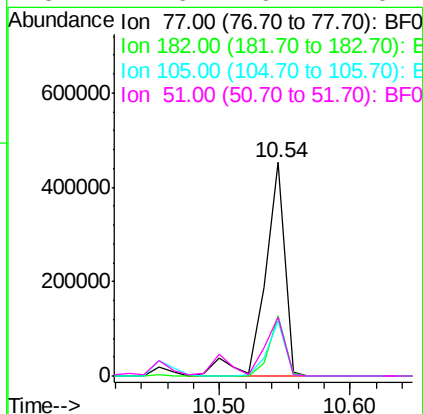
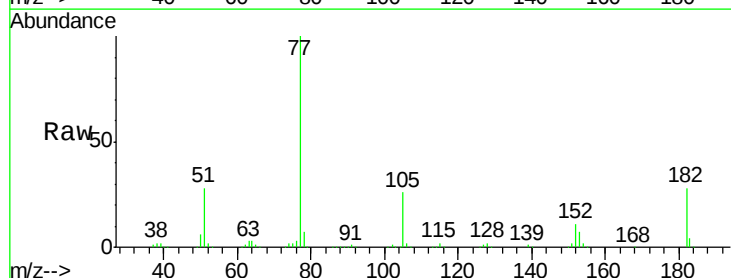
Instrument :
BNA_F
ClientSampleId :

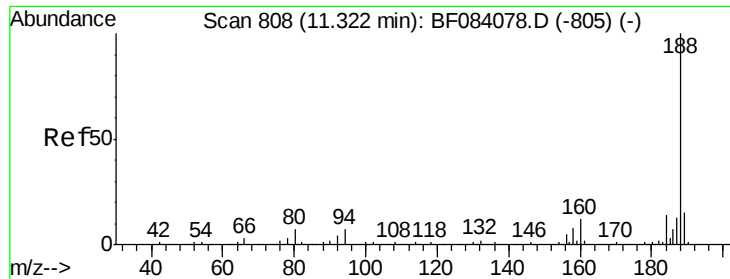
Tot Ion:138 Resp: 123937
Ion Ratio Lower Upper
138 100
92 50.9 32.6 72.6
108 93.7 68.6 108.6



#62
Azobenzene
Concen: 84.34 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF084081.D
Acq: 24 Dec 2015 16:00

Tgt Ion: 77 Resp: 492283
Ion Ratio Lower Upper
77 100
182 28.1 8.3 48.3
105 25.8 4.6 44.6
51 27.6 6.2 46.2

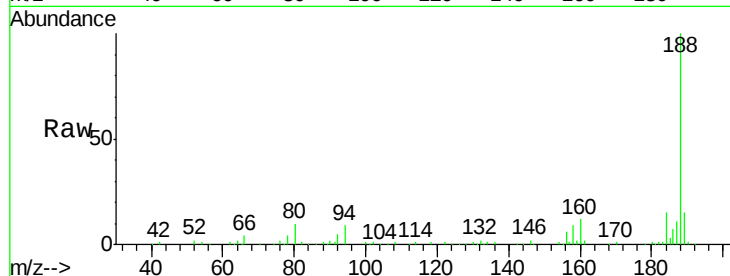




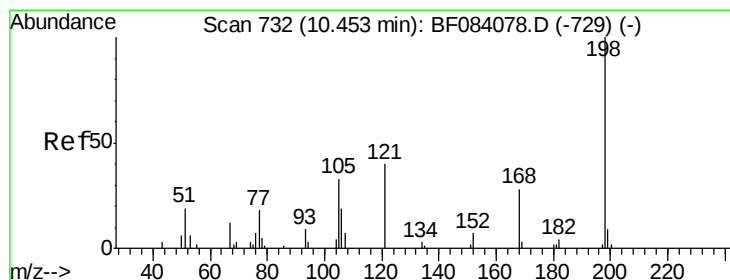
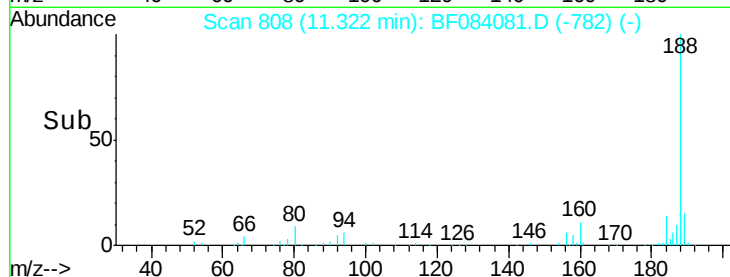
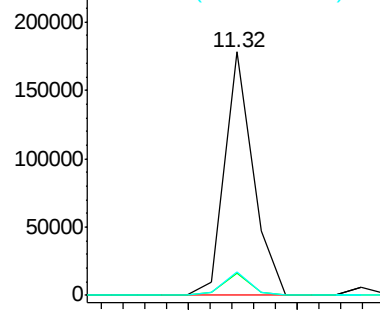
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.7	9.6	14.4

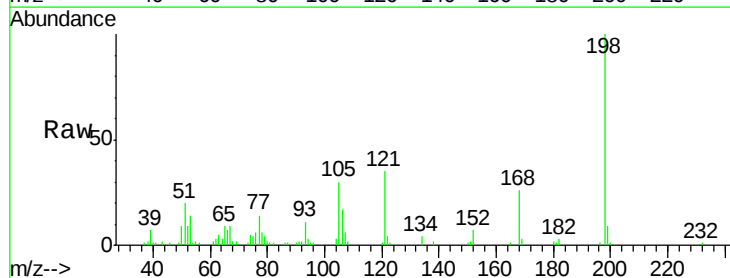


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

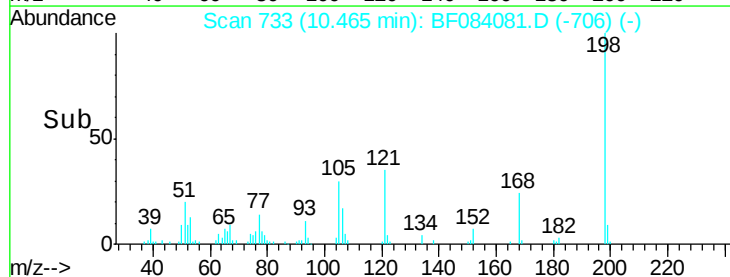
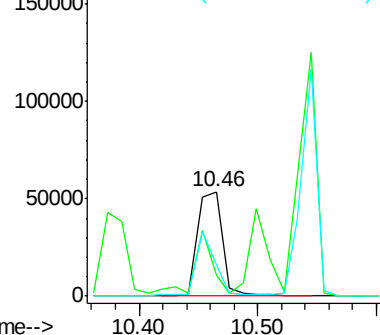


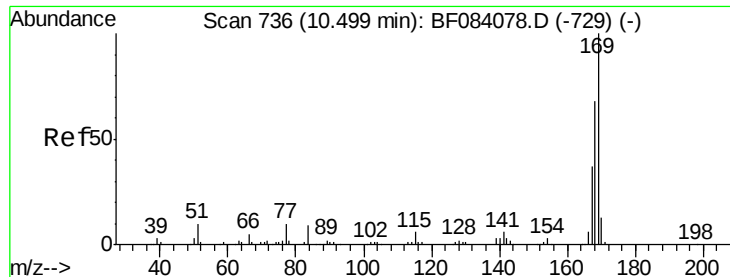
#64
 4,6-Dinitro-2-methylphenol
 Concen: 101.01 ng
 RT: 10.46 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion	Ratio	Lower	Upper
198	100		
51	20.1	18.9	58.9
105	30.0	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: 74.07 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

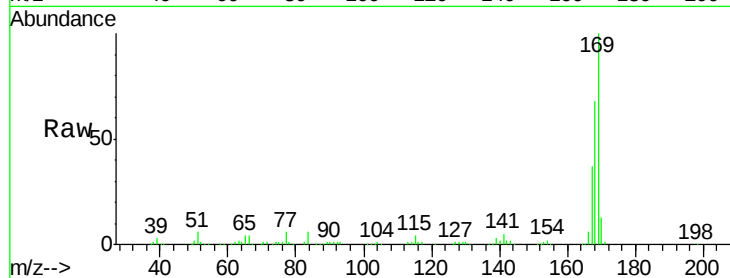
Tot Ion:169 Resp: 430591

Ion Ratio Lower Upper

169 100

168 68.3 55.1 82.7

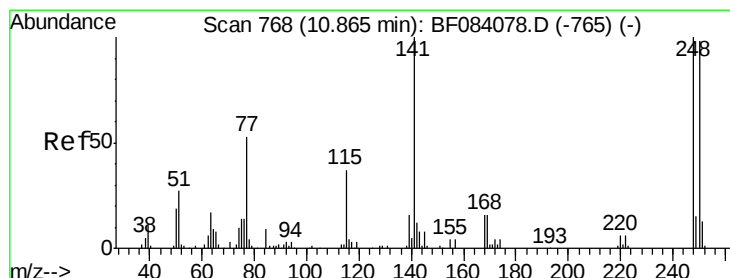
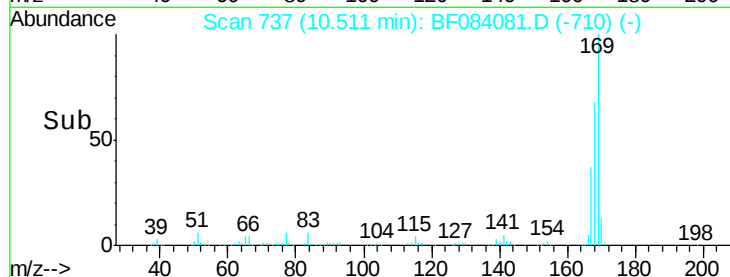
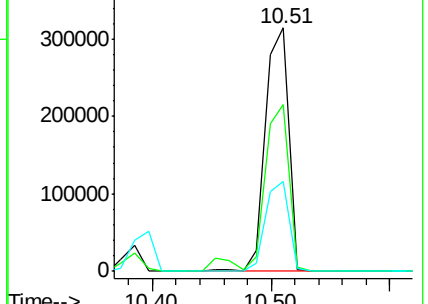
167 37.0 30.0 45.0



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: 70.05 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

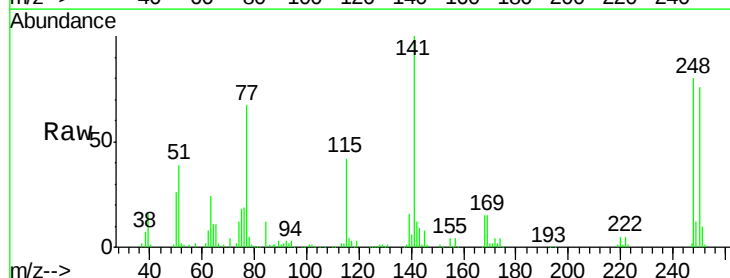
Tgt Ion:248 Resp: 133297

Ion Ratio Lower Upper

248 100

250 95.4 78.4 117.6

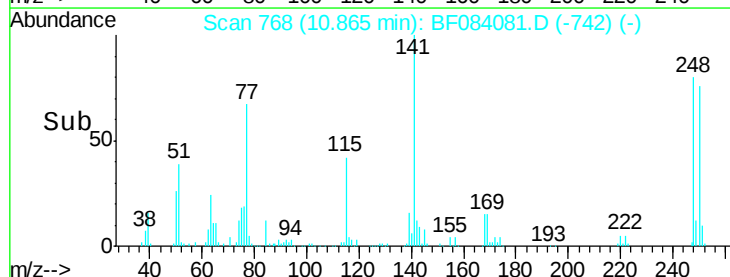
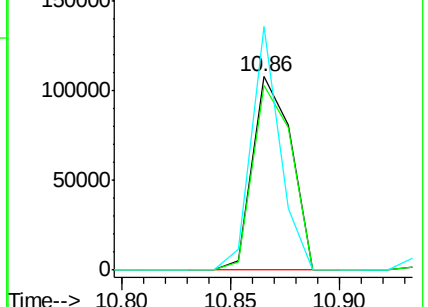
141 125.7 44.0 66.0#

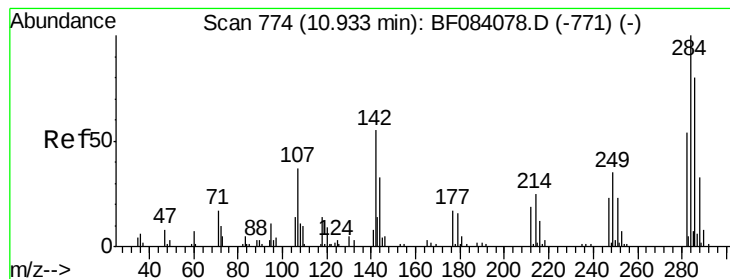


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 78.72 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

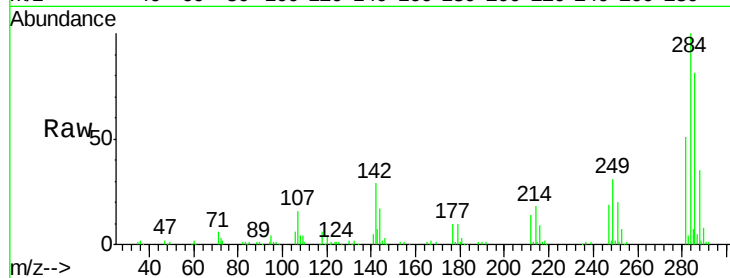
Tot Ion:284 Resp: 161451

Ion Ratio Lower Upper

284 100

142 28.6 22.2 33.4

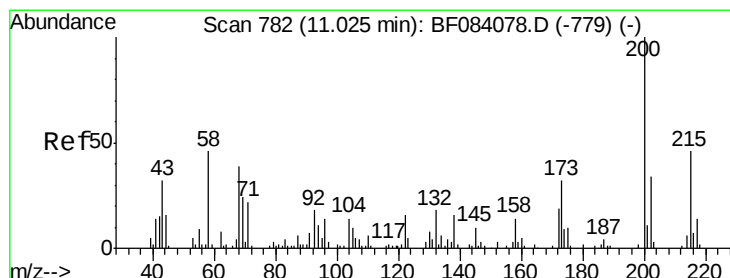
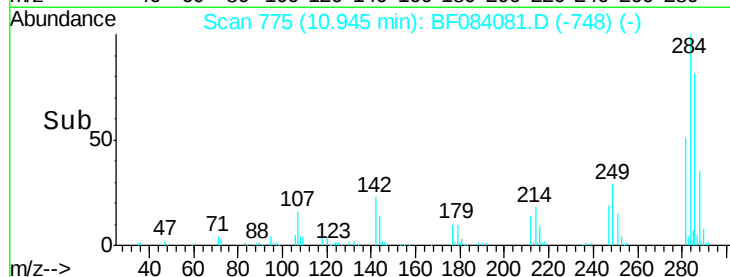
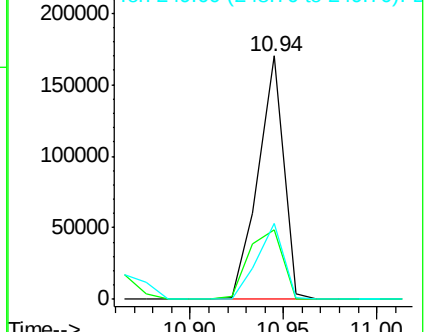
249 31.3 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 72.27 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

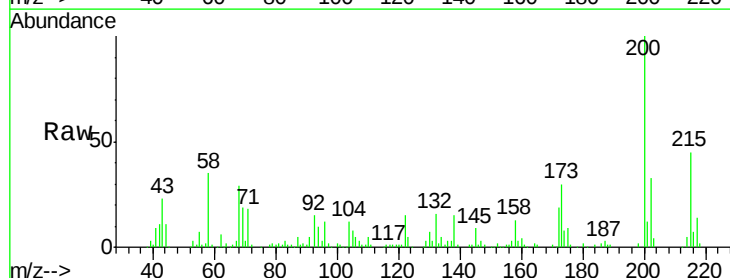
Tgt Ion:200 Resp: 126945

Ion Ratio Lower Upper

200 100

173 30.4 9.5 49.5

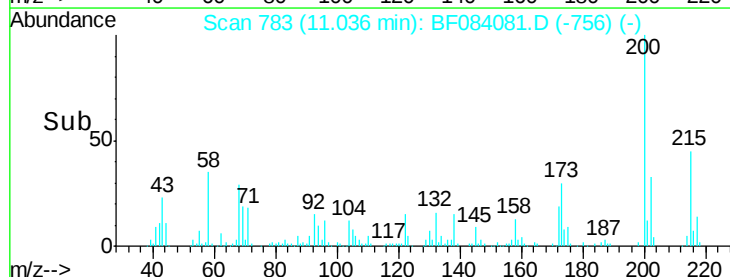
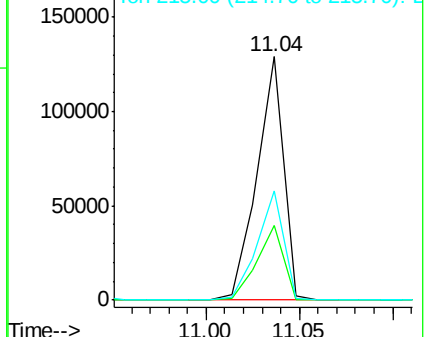
215 45.0 23.8 63.8

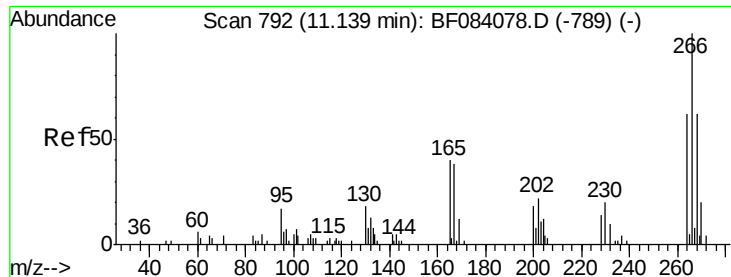


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

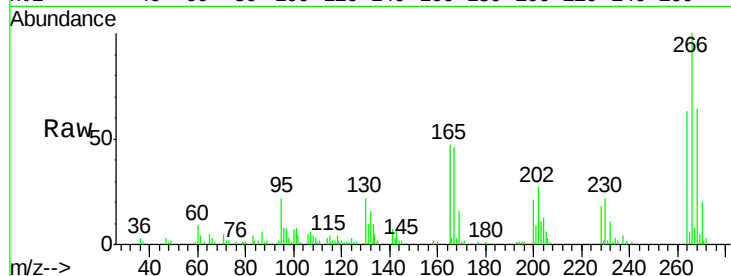




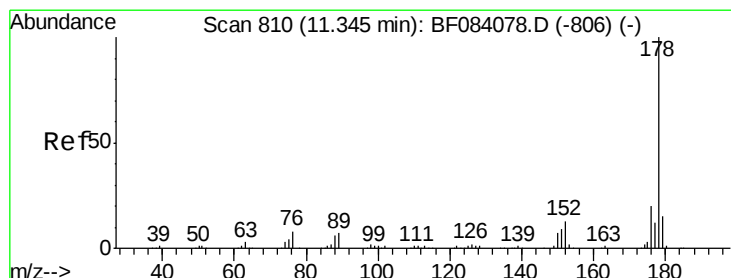
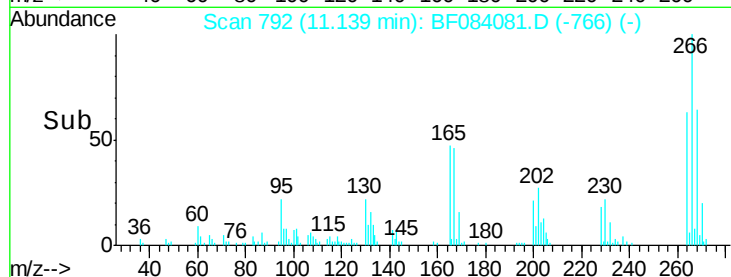
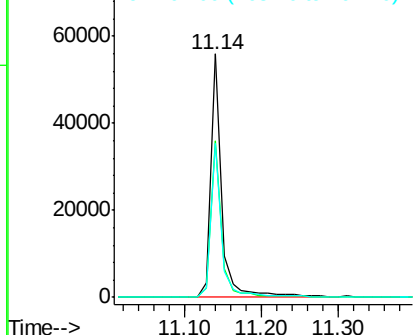
#69
 Pentachlorophenol
 Concen: 103.69 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 54978
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.4 78.6
 264 63.1 50.2 75.2

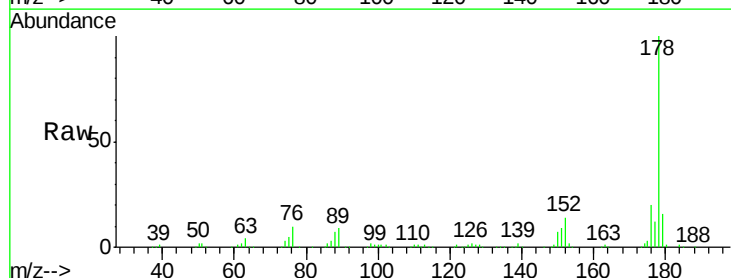


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

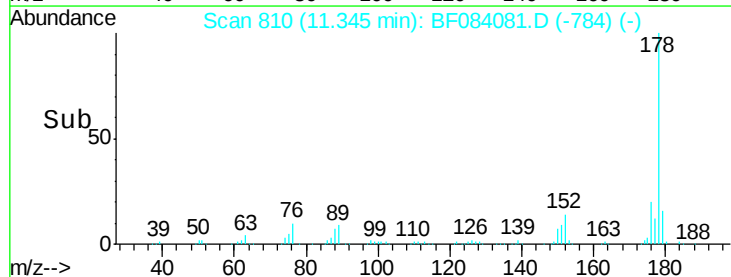
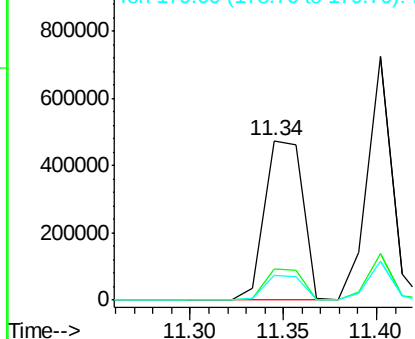


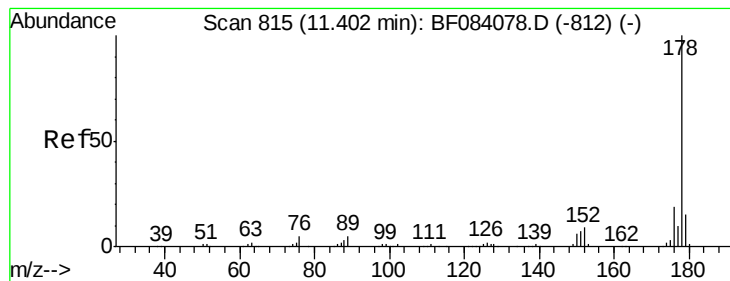
#70
 Phenanthrene
 Concen: 56.17 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion:178 Resp: 670249
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 15.7 12.0 18.0



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





#71

Anthracene

Concen: 63.18 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampled :

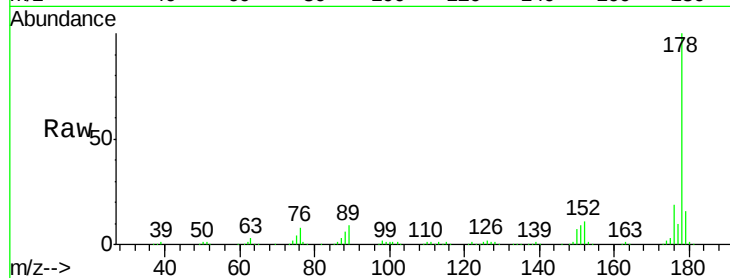
Tot Ion:178 Resp: 651461

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

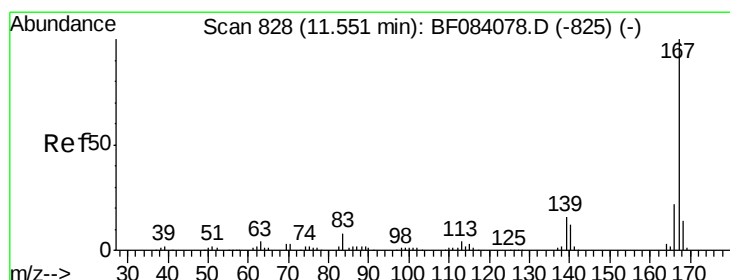
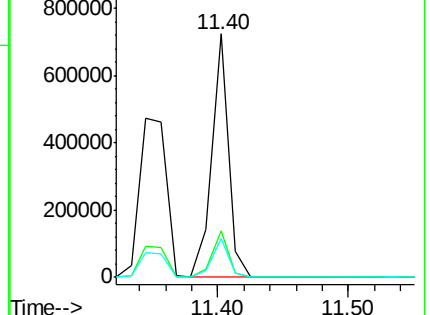
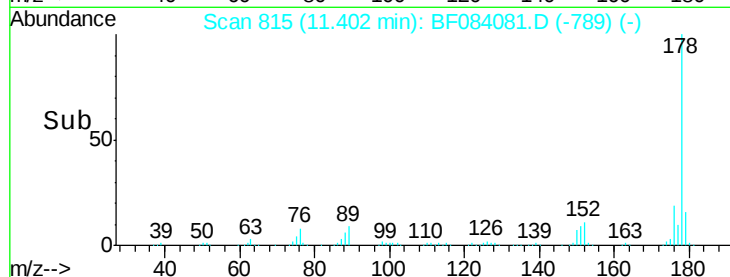
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 72.46 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

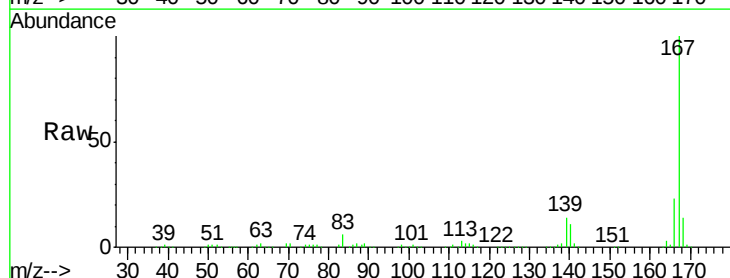
Tgt Ion:167 Resp: 666031

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

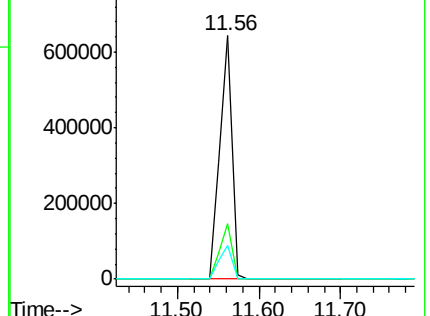
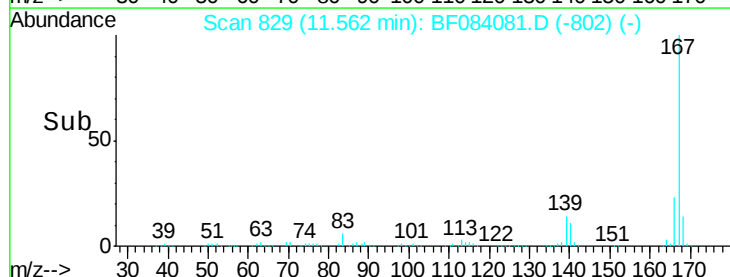
139 13.7 11.8 17.8

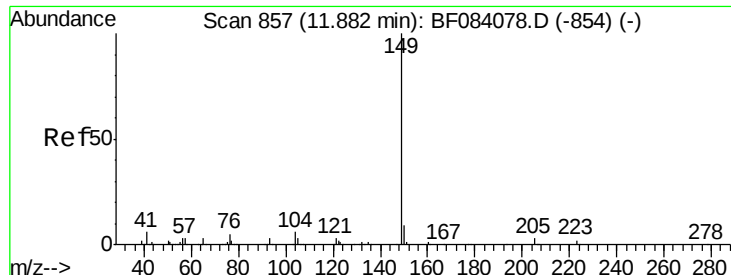


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 69.21 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

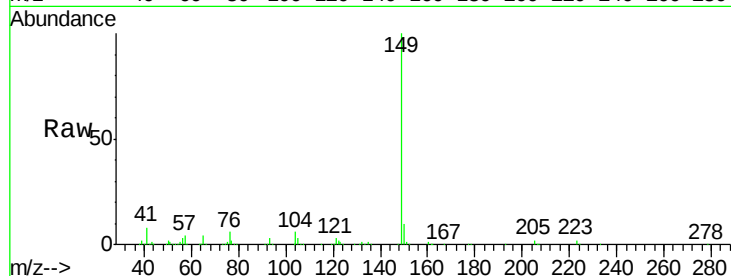
Tot Ion:149 Resp: 773508

Ion Ratio Lower Upper

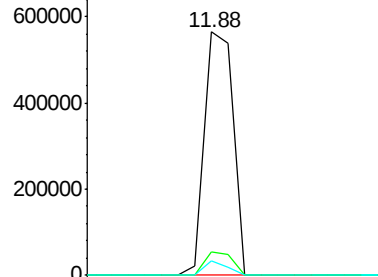
149 100

150 9.7 7.1 10.7

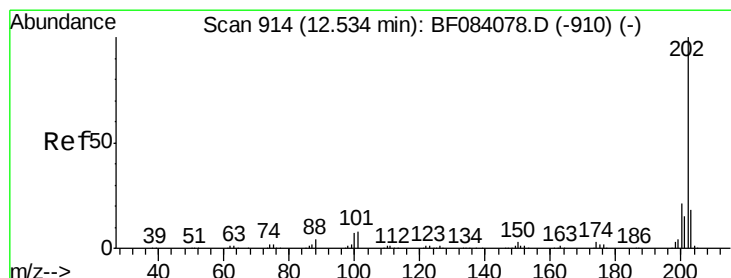
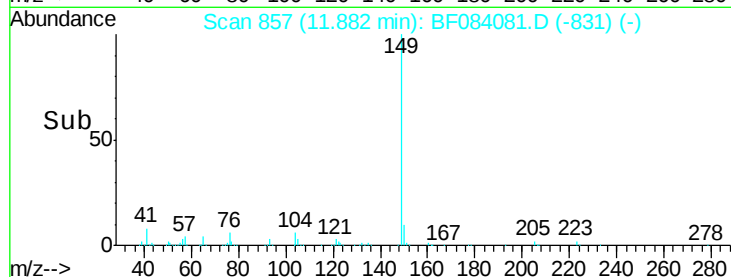
104 6.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 11.80 11.85 11.90 11.95



#74

Fluoranthene

Concen: 44.83 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

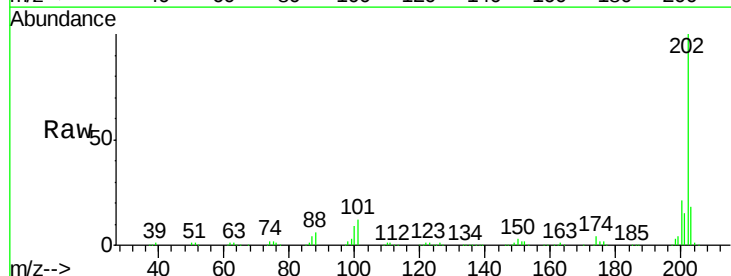
Tgt Ion:202 Resp: 636876

Ion Ratio Lower Upper

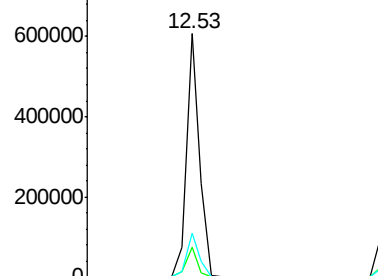
202 100

101 12.2 0.0 32.8

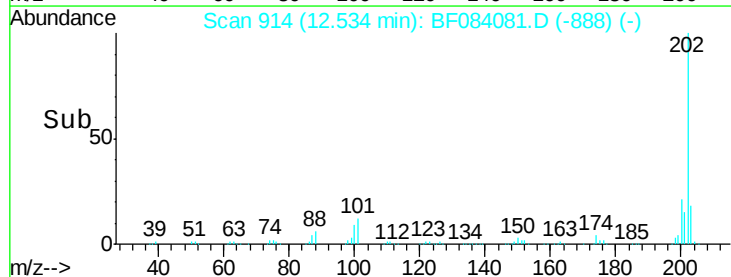
203 18.0 0.0 37.9

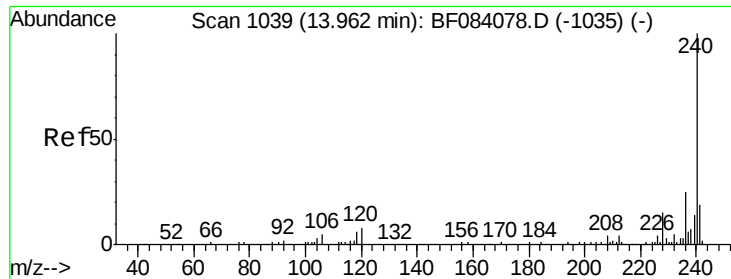


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.50 12.60 12.70





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

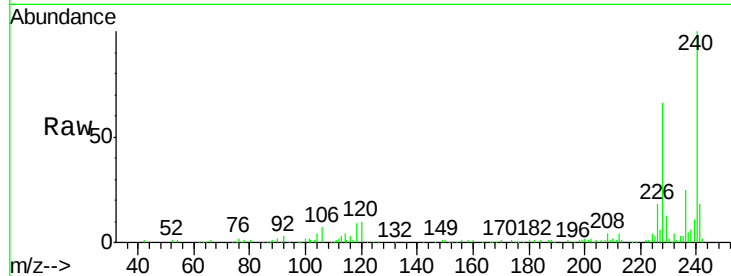
Tot Ion:240 Resp: 113293

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	24.6	20.6	31.0

240 100

120 9.7 9.5 14.3

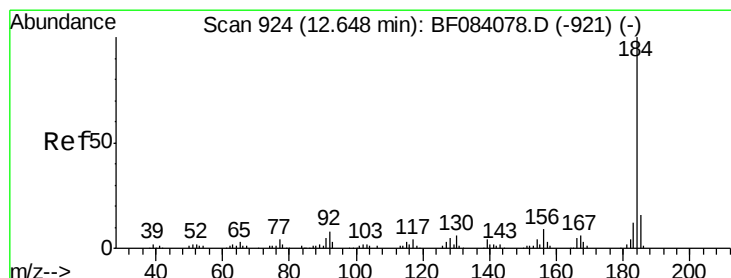
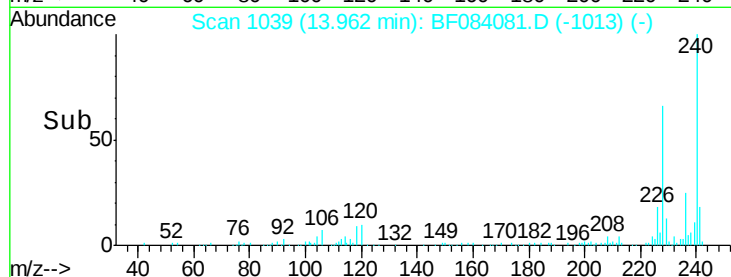
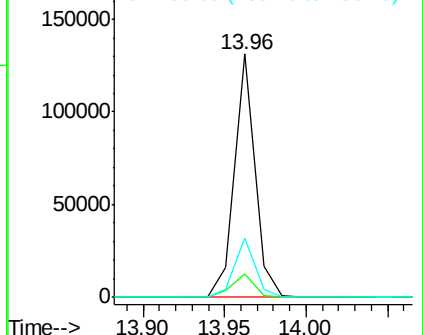
236 24.6 20.6 31.0



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: 66.02 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

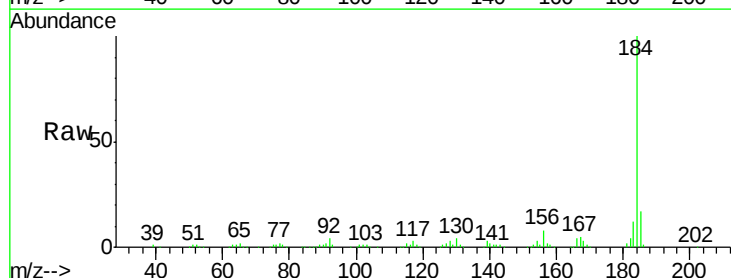
Tgt Ion:184 Resp: 248992

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.2	18.2
183	11.7	9.8	14.8

184 100

185 16.6 12.2 18.2

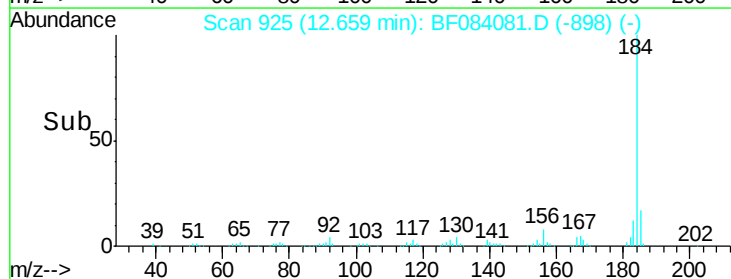
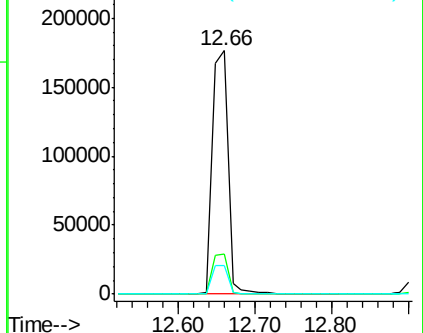
183 11.7 9.8 14.8

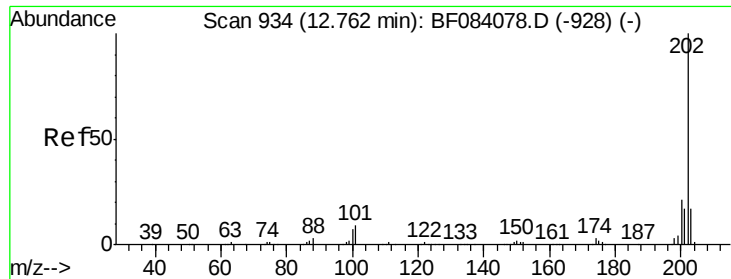


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

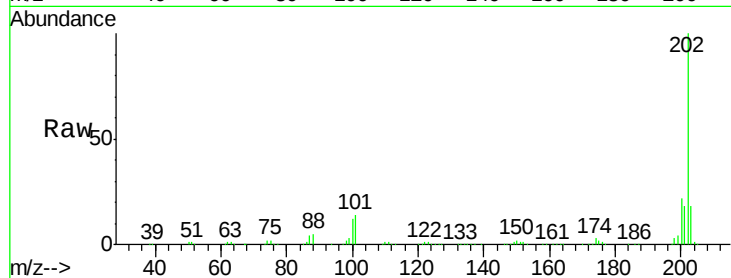




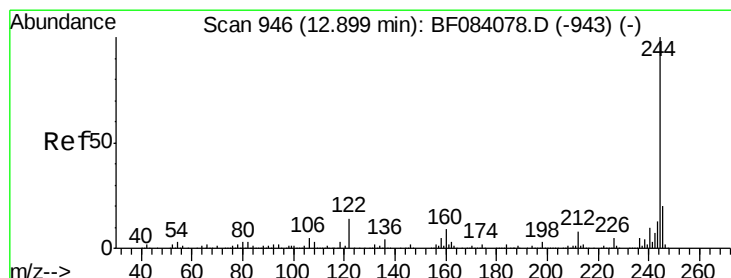
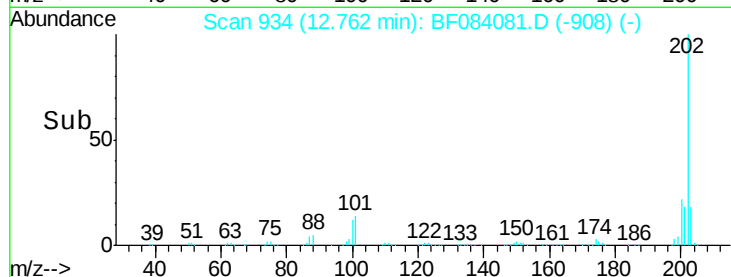
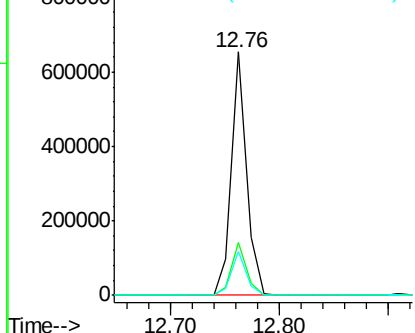
#77
 Pvrene
 Concen: 50.61 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.0	14.3	21.5

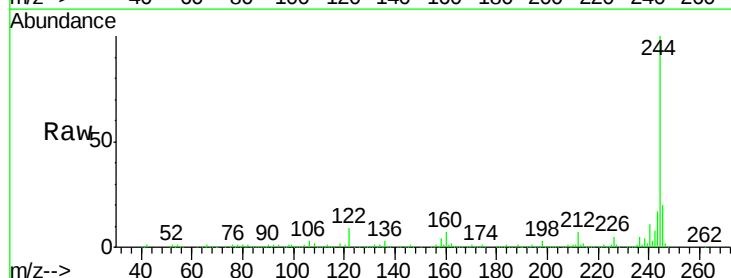


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

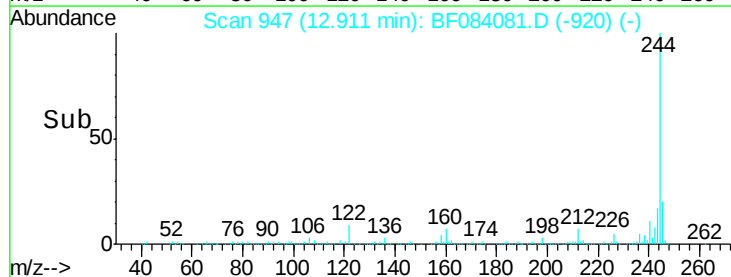
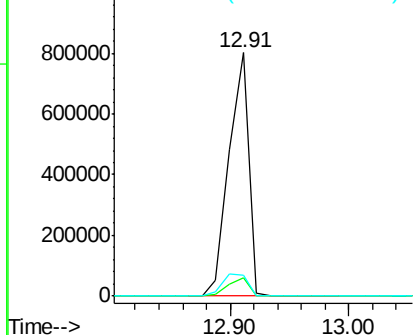


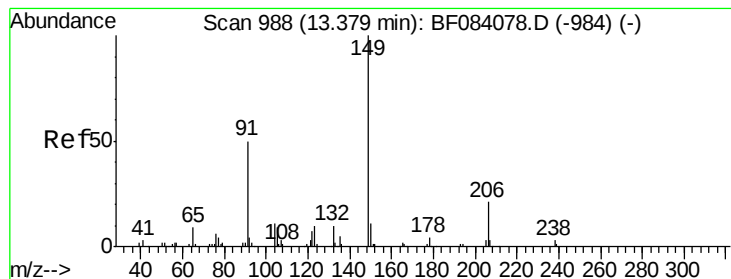
#78
 Terphenyl-d14
 Concen: 72.88 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	8.6	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: 76.64 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

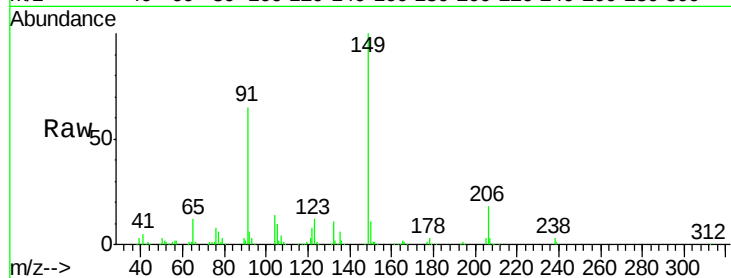
Tot Ion:149 Resp: 311946

Ion Ratio Lower Upper

149 100

91 64.5 57.6 86.4

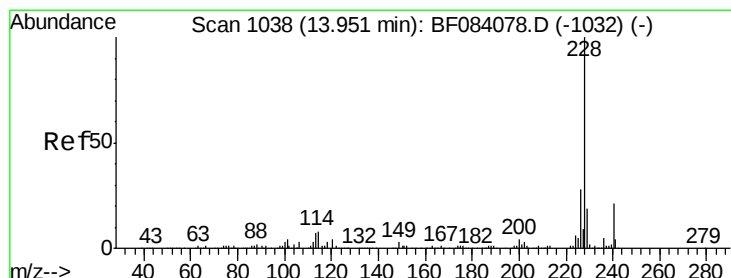
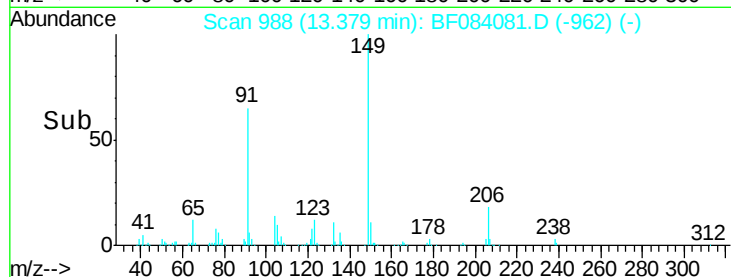
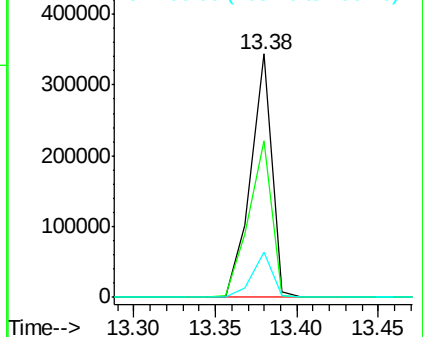
206 18.4 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 60.36 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

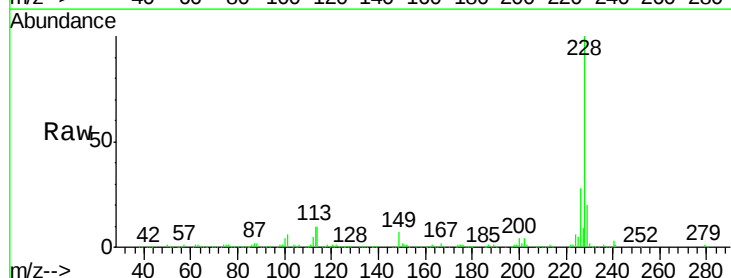
Tgt Ion:228 Resp: 482846

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

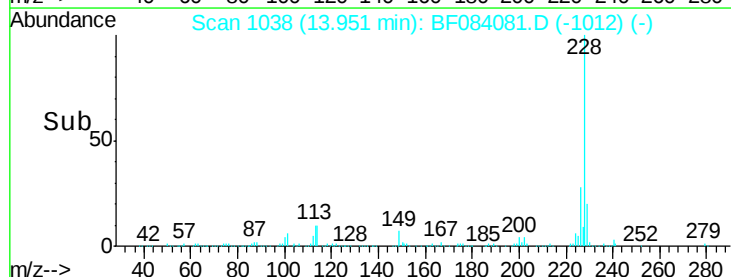
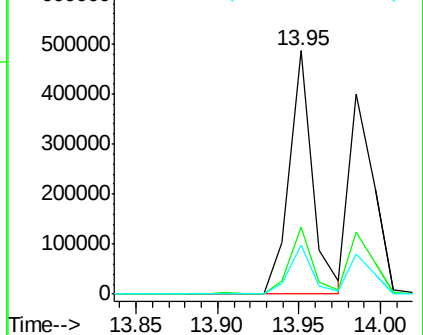
229 20.0 15.8 23.8

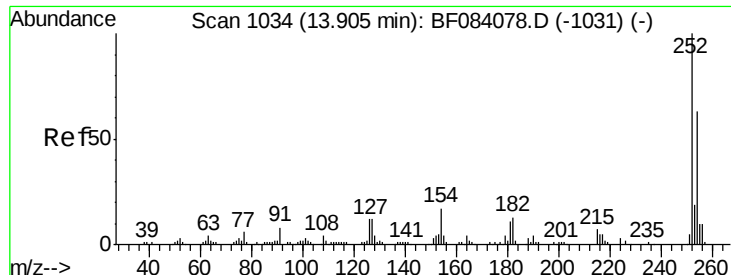


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

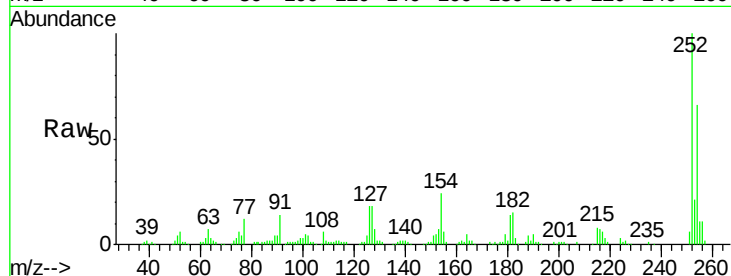




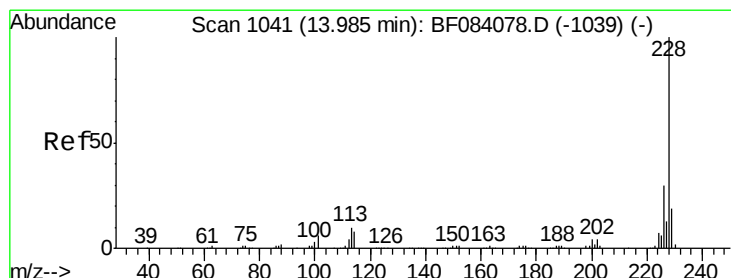
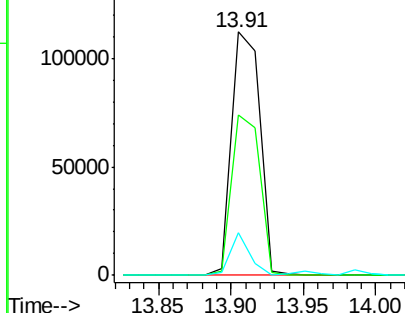
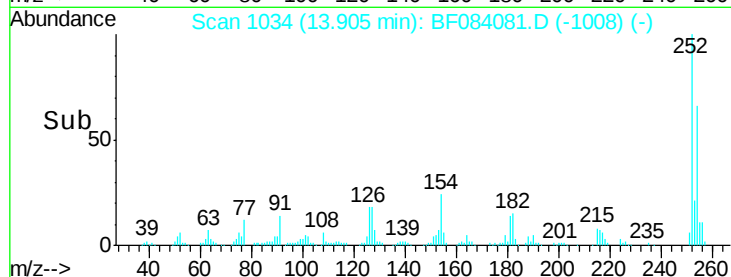
#81
 3,3'-Dichlorobenzidine
 Concen: 71.04 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 152368
 Ion Ratio Lower Upper
 252 100
 254 65.7 53.5 80.3
 126 17.8 4.9 7.3#

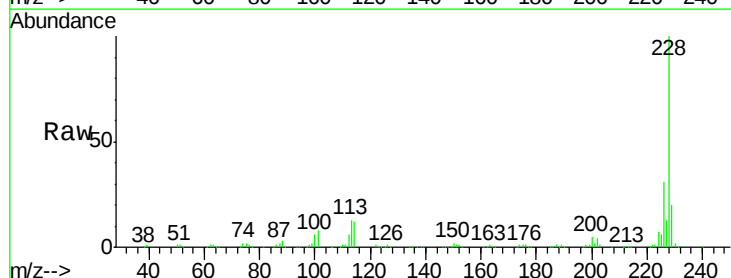


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

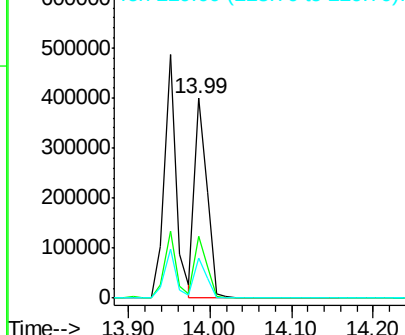
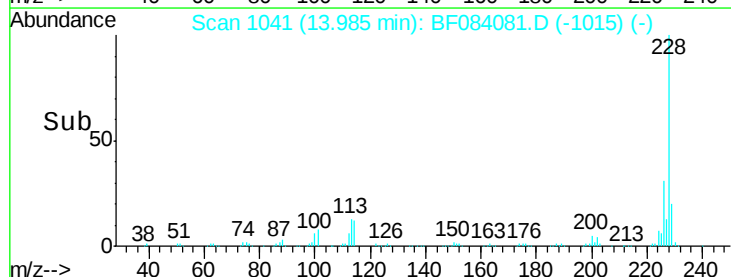


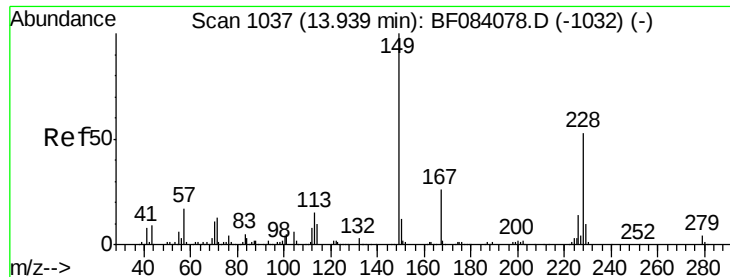
#82
 Chrysene
 Concen: 58.49 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion:228 Resp: 431604
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

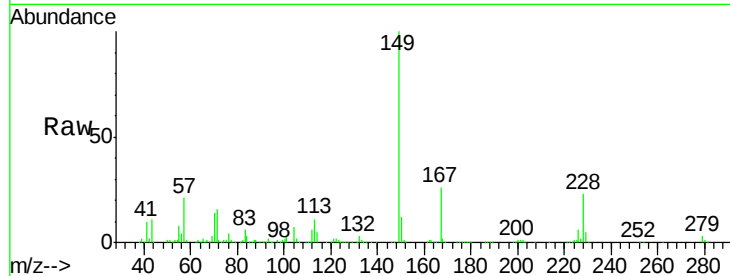




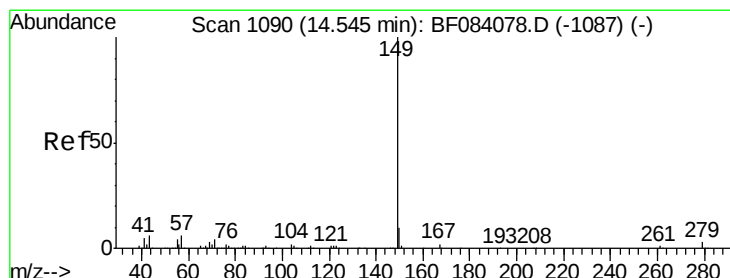
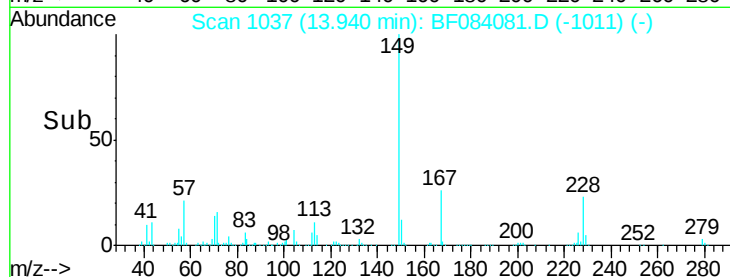
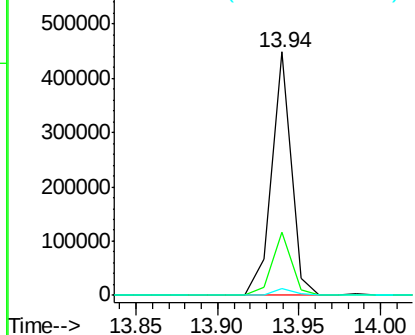
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 71.15 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 377961
 Ion Ratio Lower Upper
 149 100
 167 26.2 19.7 29.5
 279 2.9 1.8 2.6#

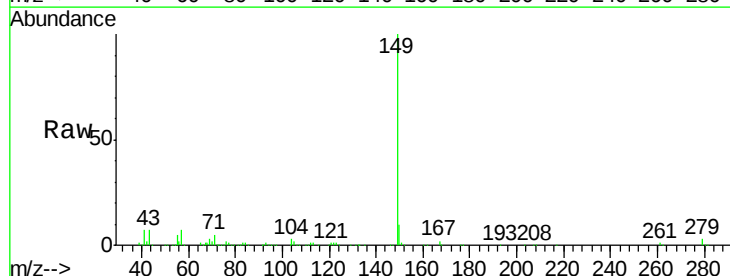


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

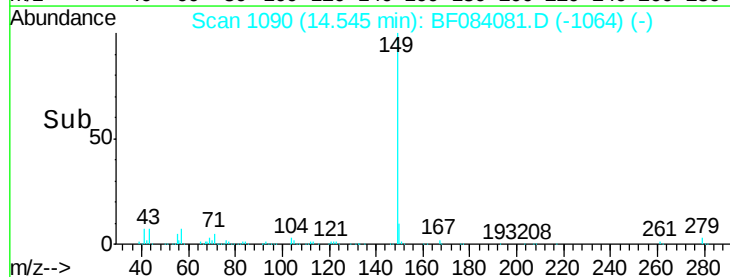
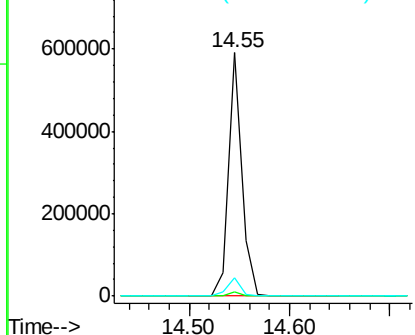


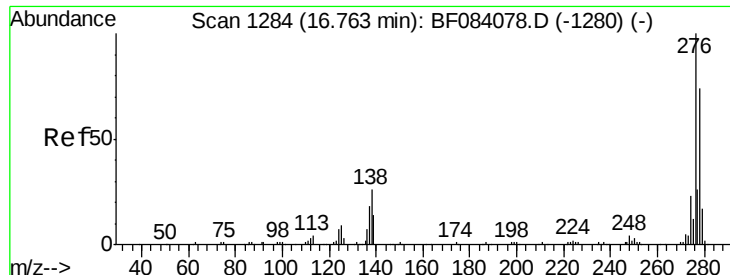
#84
 Di-n-octyl phthalate
 Concen: 72.36 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion:149 Resp: 539692
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.3 5.6 8.4



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

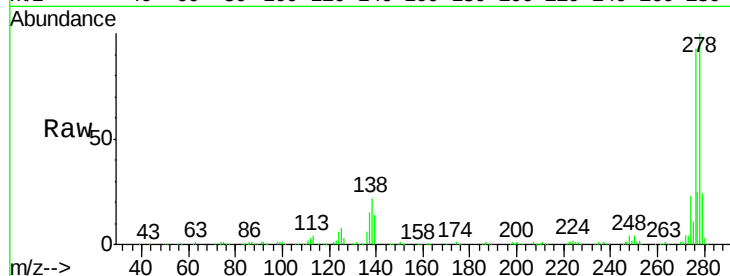




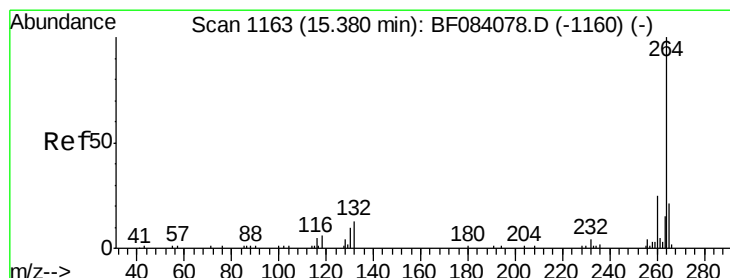
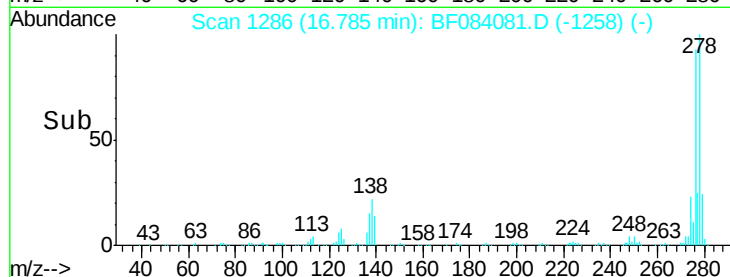
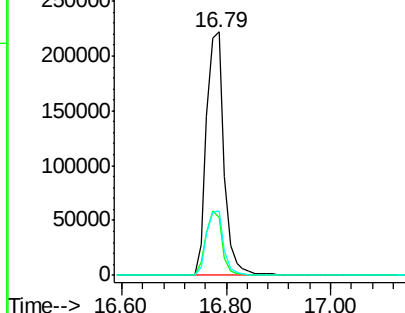
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 81.15 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.02 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.6	30.8
277	25.8	20.1	30.1

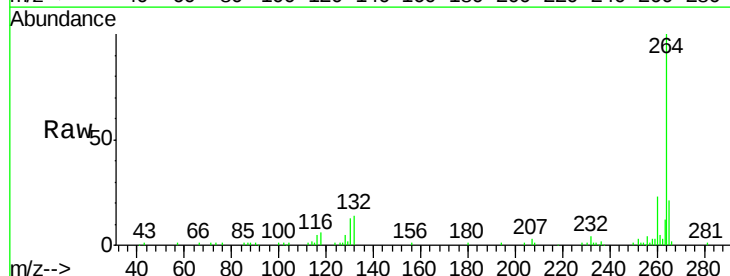


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

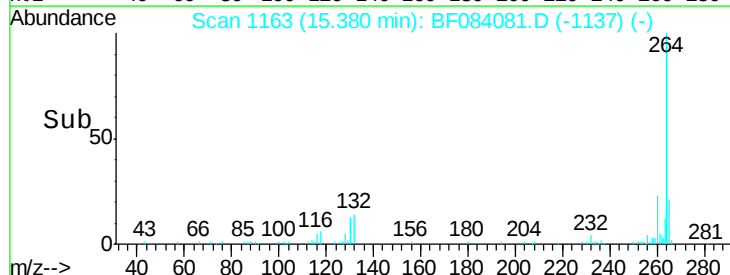
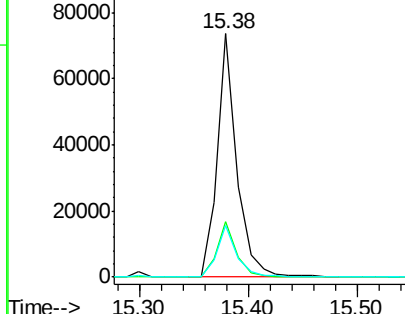


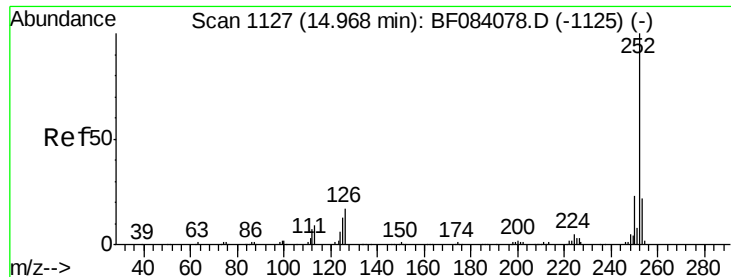
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084081.D
 Acq: 24 Dec 2015 16:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	21.1	17.8	26.6



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





#87

Benzo(b)fluoranthene

Concen: 120.37 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 847905

Ion Ratio Lower Upper

252 100

253 22.0

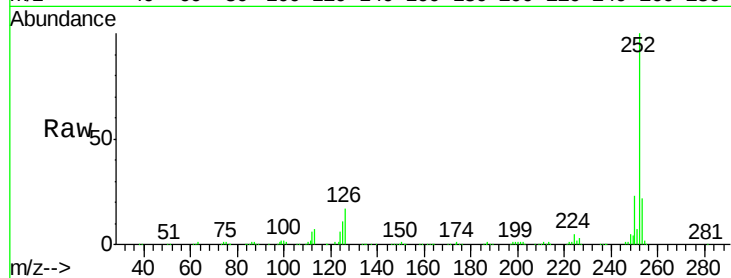
17.3

25.9

125 11.2

6.5

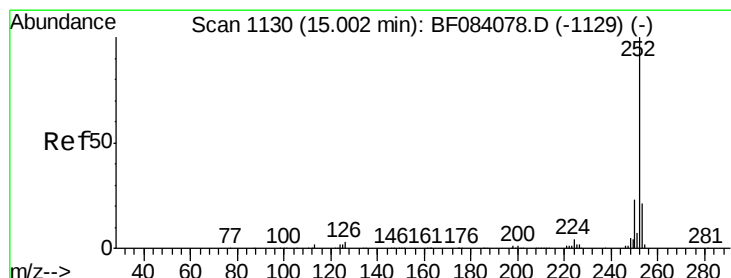
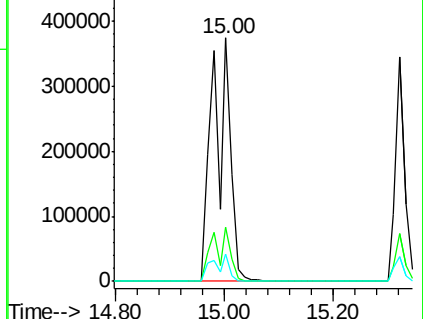
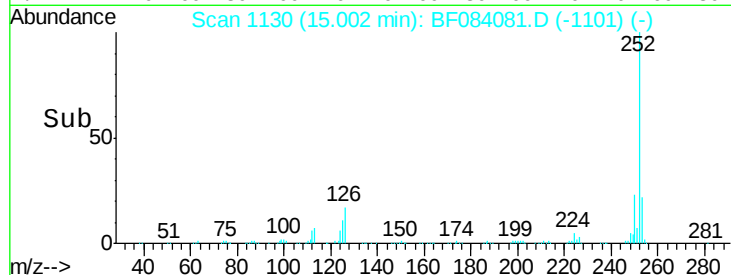
9.7#



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: 165.42 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Tgt Ion:252 Resp: 847905

Ion Ratio Lower Upper

252 100

253 22.0

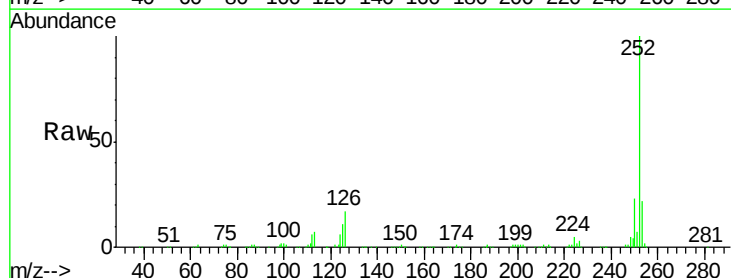
18.1

27.1

125 11.2

9.0

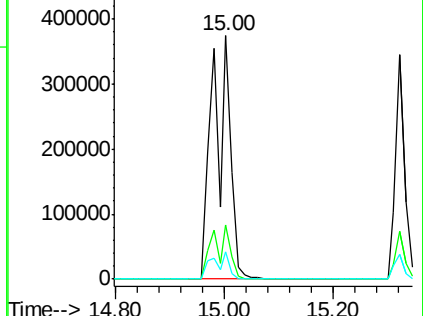
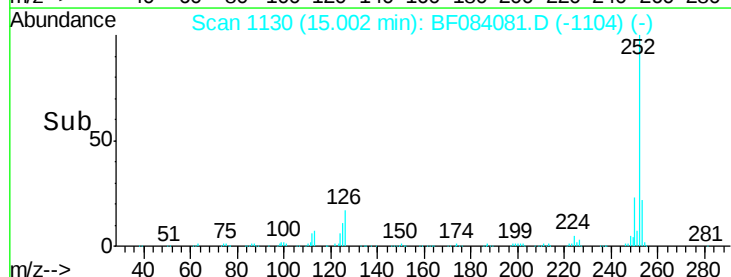
13.6

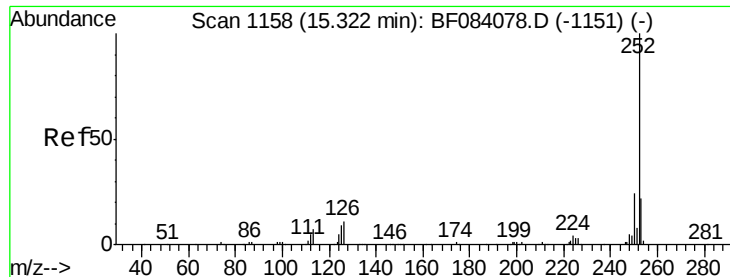


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 72.03 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

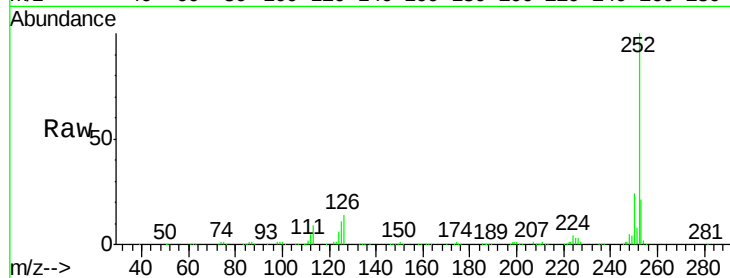
Tot Ion:252 Resp: 412263

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

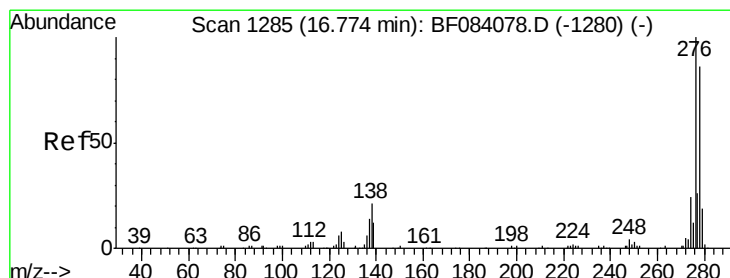
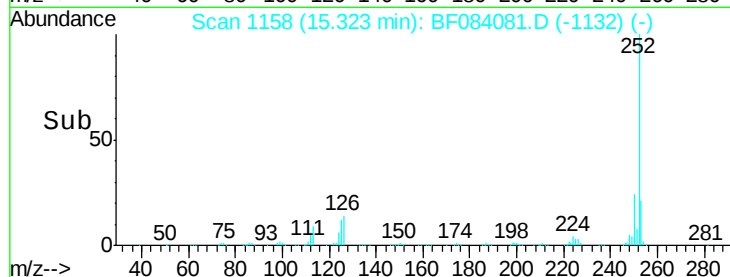
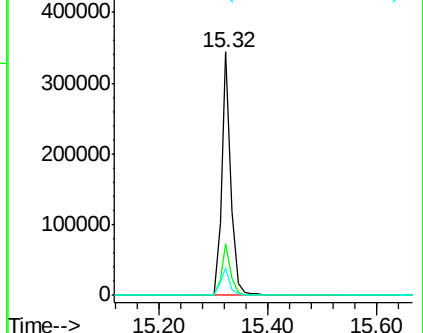
125 11.3 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 77.67 ng

RT: 16.79 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

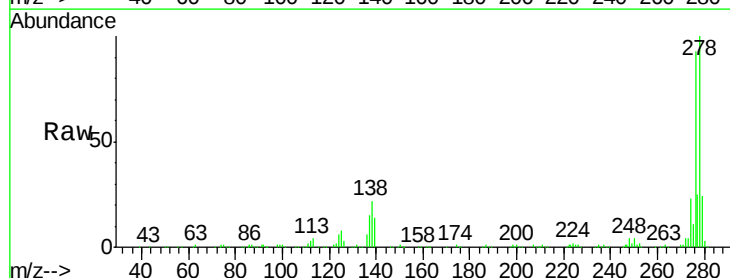
Tgt Ion:278 Resp: 429402

Ion Ratio Lower Upper

278 100

139 13.8 15.0 22.4#

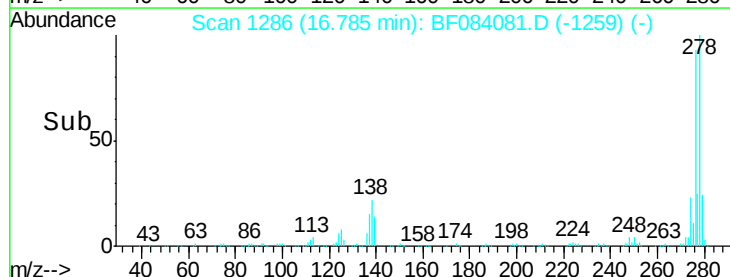
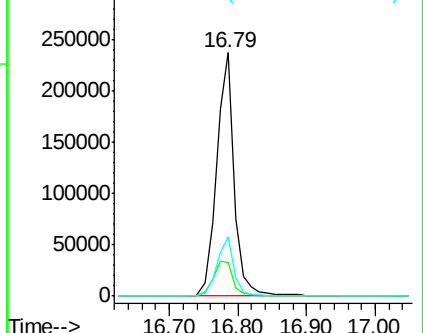
279 24.2 18.9 28.3

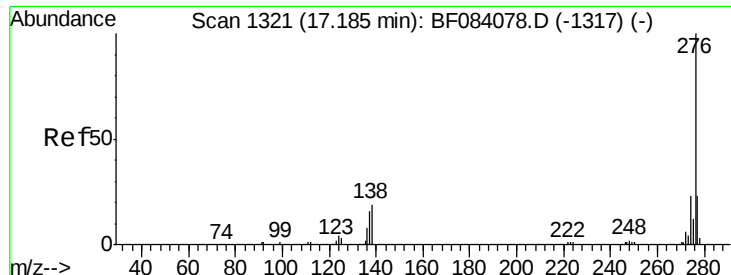


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 78.01 ng

RT: 17.20 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF084081.D

Acq: 24 Dec 2015 16:00

Instrument :

BNA_F

ClientSampleId :

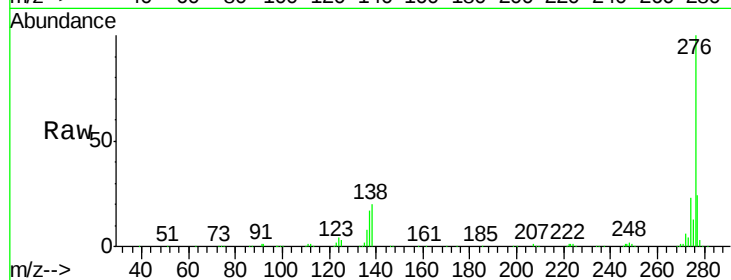
Tot Ion:276 Resp: 439950

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 19.8 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

