

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081525.D
 Acq On : 8 Sep 2015 16:34
 Operator : UM/IZ
 Sample : PB85410BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Quant Time: Sep 08 18:25:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 16:11:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	50548	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	191663	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	93617	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	198990	20.00	ng	0.00
75) Chrysene-d12	13.45	240	160512	20.00	ng	0.00
86) Perylene-d12	14.75	264	99246	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	379023	116.34	ng	0.02
7) Phenol-d6	6.02	99	461988	107.13	ng	0.00
23) Nitrobenzene-d5	6.92	82	295867	74.48	ng	0.00
41) 2,4,6-Tribromophenol	10.17	330	105938	127.09	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	493645	67.57	ng	0.00
78) Terphenyl-d14	12.42	244	487596	70.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	38512	26.32	ng	# 79
3) Pyridine	2.27	79	109649	27.18	ng	# 83
4) n-Nitrosodimethylamine	2.24	42	82178	36.66	ng	# 71
6) Aniline	6.01	93	169755	27.88	ng	# 80
8) 2-Chlorophenol	6.14	128	131618	36.66	ng	# 94
9) Benzaldehyde	5.88	77	89122	32.98	ng	# 81
10) Phenol	6.03	94	184326	36.86	ng	# 52
11) bis(2-Chloroethyl)ether	6.10	93	136993	37.97	ng	# 88
12) 1,3-Dichlorobenzene	6.28	146	139487	36.36	ng	# 92
13) 1,4-Dichlorobenzene	6.36	146	143554	36.76	ng	# 90
14) 1,2-Dichlorobenzene	6.51	146	123603	35.15	ng	# 86
15) Benzyl Alcohol	6.51	79	127240	35.97	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	6.65	45	276844	40.03	ng	# 7
17) 2-Methylphenol	6.65	107	112141	39.15	ng	# 75
18) Hexachloroethane	6.86	117	55223	36.34	ng	# 90
19) n-Nitroso-di-n-propylamine	6.79	70	101150	34.46	ng	# 90
20) 3+4-Methylphenols	6.81	107	142065	36.78	ng	# 86
22) Acetophenone	6.78	105	193612	36.98	ng	# 75
24) Nitrobenzene	6.95	77	170063	41.22	ng	# 67
25) Isophorone	7.19	82	279173	37.78	ng	# 82
26) 2-Nitrophenol	7.27	139	69219	38.50	ng	# 55
27) 2,4-Dimethylphenol	7.32	122	112431	36.20	ng	# 73
28) bis(2-Chloroethoxy)methane	7.42	93	155214	36.37	ng	# 91
29) 2,4-Dichlorophenol	7.52	162	104519	38.81	ng	# 98
30) 1,2,4-Trichlorobenzene	7.59	180	117170	40.05	ng	# 98
31) Naphthalene	7.66	128	362179	35.43	ng	# 98
32) Benzoic acid	7.48	122	56957	26.87	ng	# 50
33) 4-Chloroaniline	7.72	127	94498	22.67	ng	# 82
34) Hexachlorobutadiene	7.78	225	65401	36.73	ng	# 97
35) Caprolactam	8.10	113	17806	21.56	ng	# 15
36) 4-Chloro-3-methylphenol	8.24	107	130364	43.25	ng	# 82
37) 2-Methylnaphthalene	8.35	142	267733	40.25	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	100493	33.94	ng	# 97
40) Hexachlorocyclopentadiene	8.50	237	104027	71.60	ng	# 94

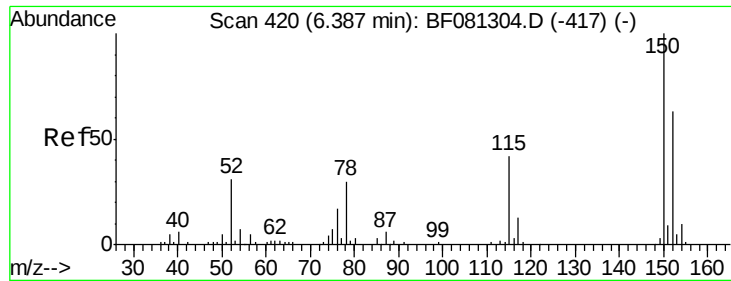
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	72071	35.27	nq	98
43) 2,4,5-Trichlorophenol	8.68	196	82431	39.54	nq	# 91
45) 1,1'-Biphenyl	8.82	154	294521	34.20	nq	95
46) 2-Chloronaphthalene	8.83	162	233246	37.50	nq	# 89
47) 2-Nitroaniline	8.95	65	98557	38.88	nq	# 80
48) Acenaphthylene	9.23	152	371511	33.67	nq	97
49) Dimethylphthalate	9.13	163	271619	37.34	nq	# 97
50) 2,6-Dinitrotoluene	9.19	165	50505	30.59	nq	# 1
51) Acenaphthene	9.42	154	217079	34.58	nq	90
52) 3-Nitroaniline	9.36	138	42450	22.59	nq	# 87
53) 2,4-Dinitrophenol	9.47	184	58384	83.97	nq	# 74
54) Dibenzofuran	9.59	168	350625	38.25	nq	92
55) 4-Nitrophenol	9.55	139	98145	83.12	nq	# 19
56) 2,4-Dinitrotoluene	9.59	165	74480	35.43	nq	# 12
57) Fluorene	9.92	166	255489	36.73	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.71	232	68898	43.29	nq	94
59) Diethylphthalate	9.83	149	289433	37.83	nq	95
60) 4-Chlorophenyl-phenylether	9.93	204	125591	38.74	nq	95
61) 4-Nitroaniline	9.96	138	65274	34.38	nq	# 25
62) Azobenzene	10.08	77	326269	38.36	nq	81
64) 4,6-Dinitro-2-methylphenol	10.00	198	42035	37.77	nq	90
65) n-Nitrosodiphenylamine	10.04	169	215876	29.81	nq	90
66) 4-Bromophenyl-phenylether	10.41	248	75954	37.75	nq	# 88
67) Hexachlorobenzene	10.46	284	71921	34.19	nq	# 60
68) Atrazine	10.58	200	73049	34.86	nq	# 80
69) Pentachlorophenol	10.66	266	72233	71.56	nq	97
70) Phenanthrene	10.87	178	414580	37.48	nq	97
71) Anthracene	10.91	178	364999	32.11	nq	98
72) Carbazole	11.09	167	406190	38.08	nq	96
73) Di-n-butylphthalate	11.44	149	503042	39.94	nq	# 99
74) Fluoranthene	12.03	202	403985	33.73	nq	91
76) Benzidine	12.18	184	208401	30.24	nq	98
77) Pyrene	12.26	202	479340	40.32	nq	99
79) Butylbenzylphthalate	12.91	149	200278	38.73	nq	96
80) Benzo(a)anthracene	13.44	228	375629	36.75	nq	98
81) 3,3'-Dichlorobenzidine	13.42	252	64380	18.67	nq	# 95
82) Chrysene	13.47	228	270670	29.54	nq	95
83) Bis(2-ethylhexyl)phthalate	13.47	149	241868	35.44	nq	# 89
84) Di-n-octyl phthalate	14.08	149	350777	31.22	nq	96
85) Indeno(1,2,3-cd)pyrene	15.83	276	227602	33.86	nq	# 85
87) Benzo(b)fluoranthene	14.46	252	529602	74.74	nq	# 84
88) Benzo(k)fluoranthene	14.46	252	529602	90.08	nq	# 85
89) Benzo(a)pyrene	14.71	252	229215	38.18	nq	# 86
90) Dibenzo(a,h)anthracene	15.84	278	194164	41.85	nq	# 77
91) Benzo(g,h,i)perylene	16.14	276	186556	42.13	nq	# 75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

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PB85410BS

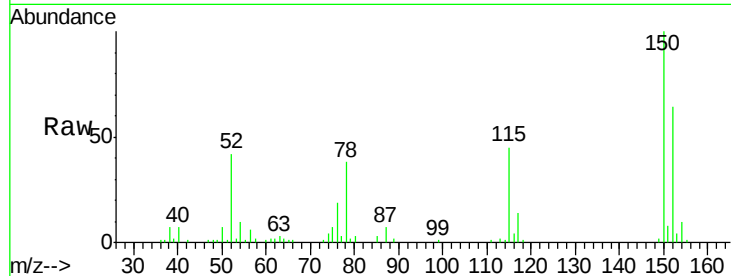
Tot Ion:152 Resp: 50548

Ion Ratio Lower Upper

152 100

150 157.4 124.7 187.1

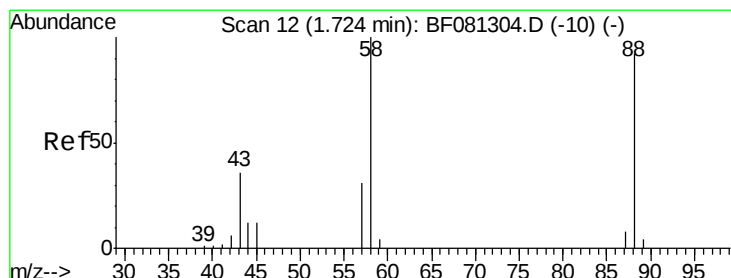
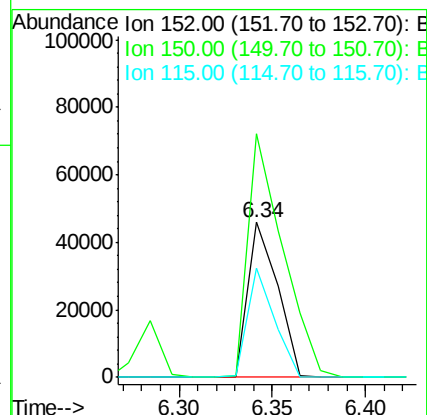
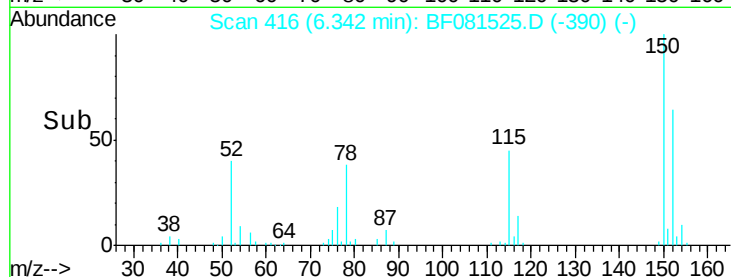
115 70.5 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.32 ng

RT: 1.74 min Scan# 13

Delta R.T. 0.09 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

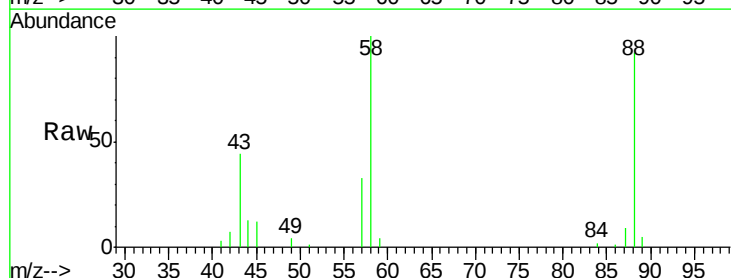
Tgt Ion: 88 Resp: 38512

Ion Ratio Lower Upper

88 100

58 112.4 77.7 116.5

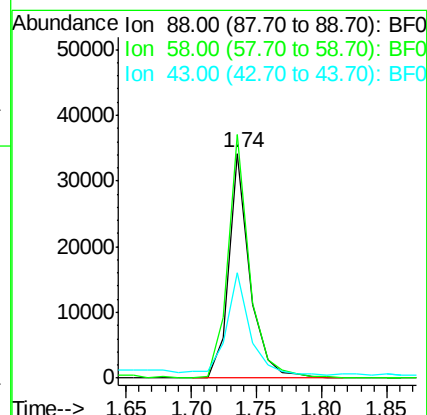
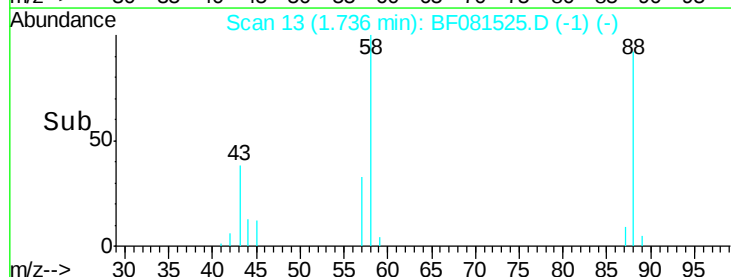
43 53.3 26.6 40.0#

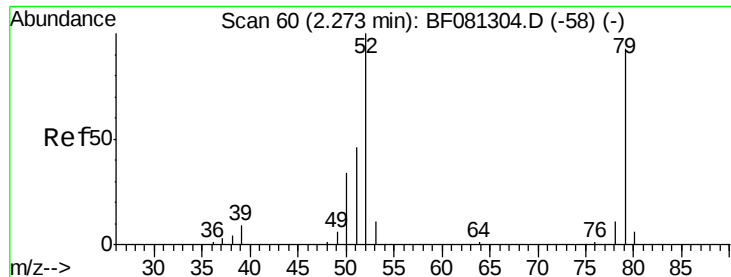


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.18 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

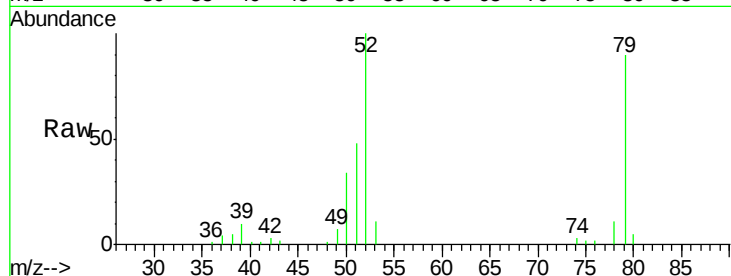
Tot Ion: 79 Resp: 109649

Ion Ratio Lower Upper

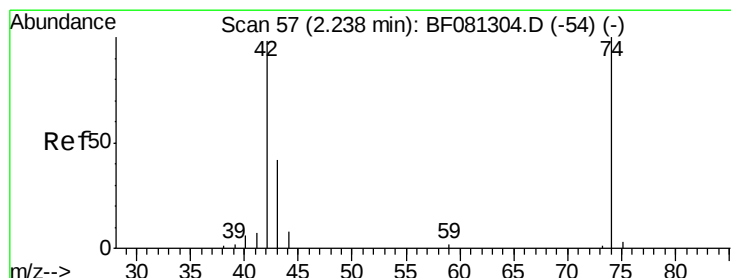
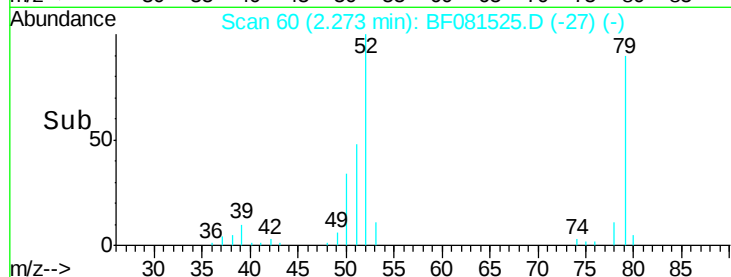
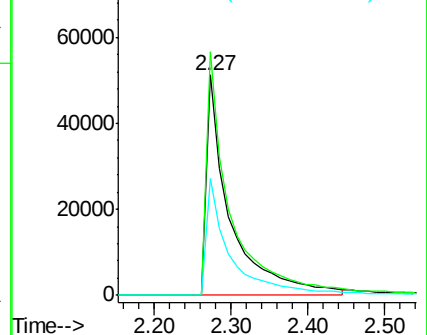
79 100

52 110.6 76.8 115.2

51 53.2 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.66 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.08 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

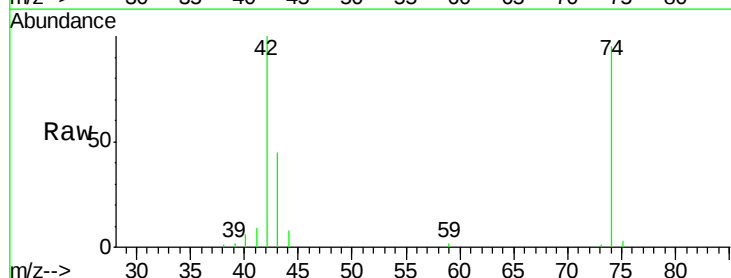
Tgt Ion: 42 Resp: 82178

Ion Ratio Lower Upper

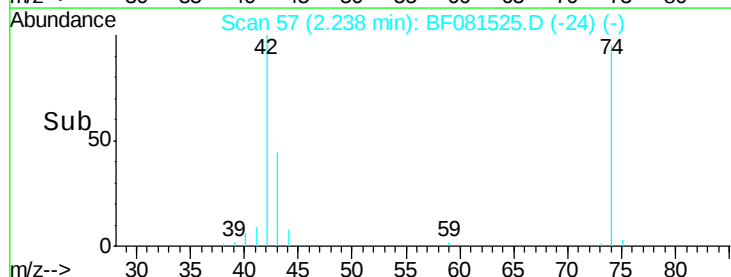
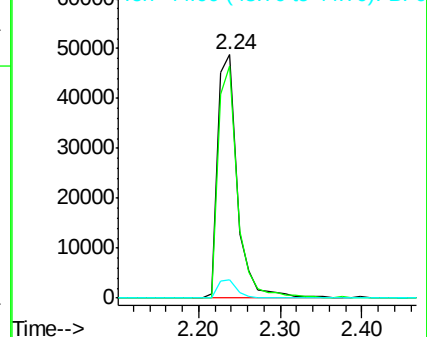
42 100

74 95.5 105.0 157.6#

44 7.6 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.34 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

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PB85410BS

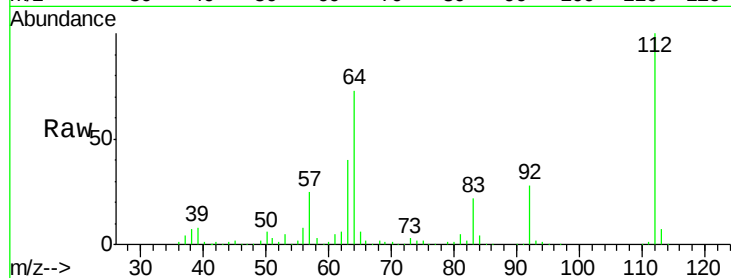
Tot Ion:112 Resp: 379023

Ion Ratio Lower Upper

112 100

64 72.6 39.7 59.5#

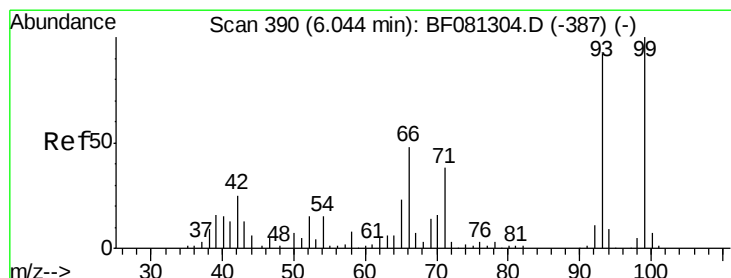
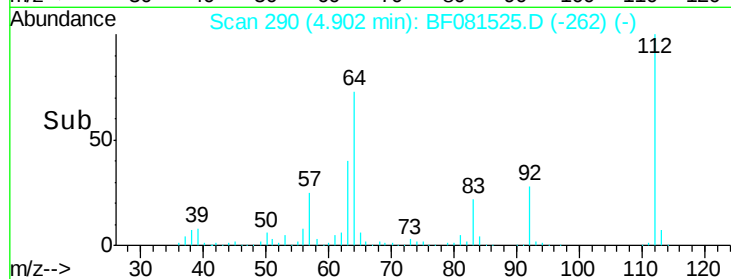
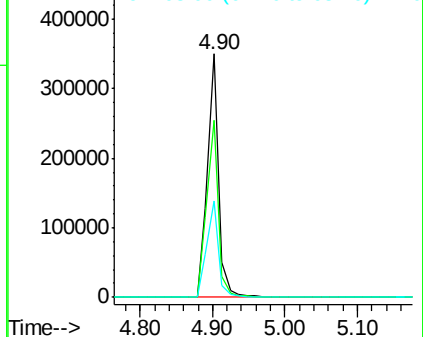
63 39.5 17.4 26.0#



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: 27.88 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

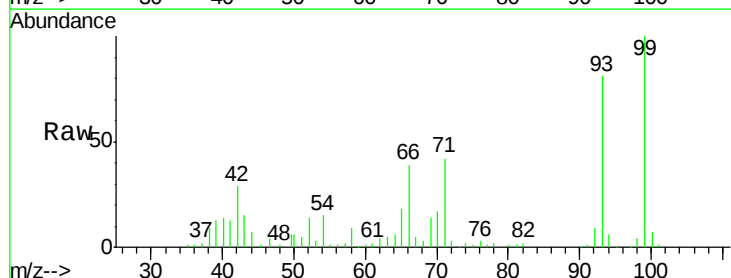
Tgt Ion: 93 Resp: 169755

Ion Ratio Lower Upper

93 100

66 48.6 27.2 40.8#

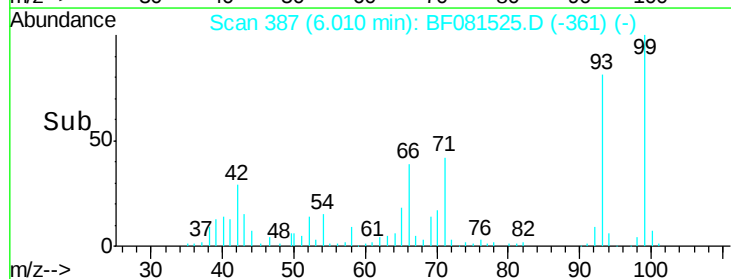
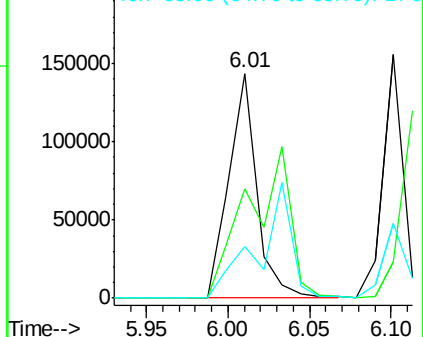
65 22.9 14.7 22.1#

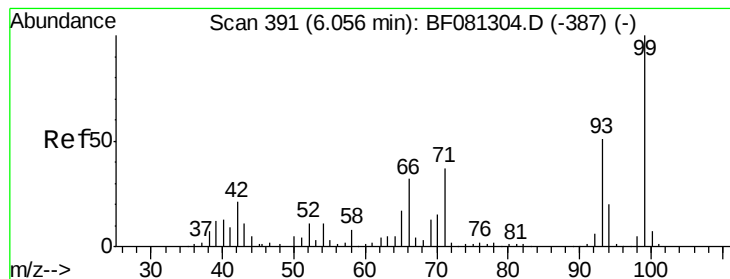


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.13 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

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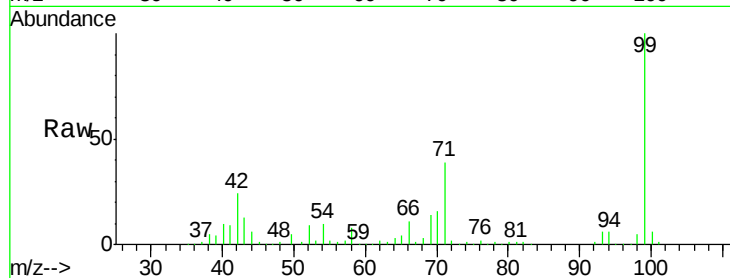
Tot Ion: 99 Resp: 461988

Ion Ratio Lower Upper

99 100

42 24.1 13.7 20.5#

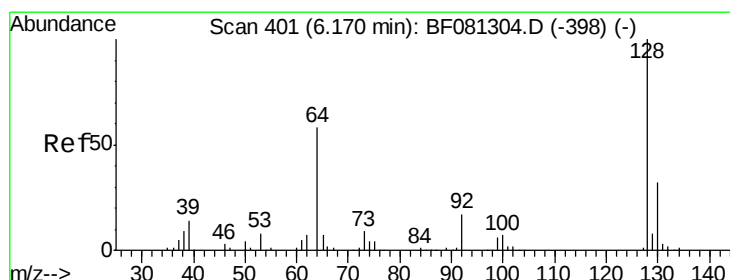
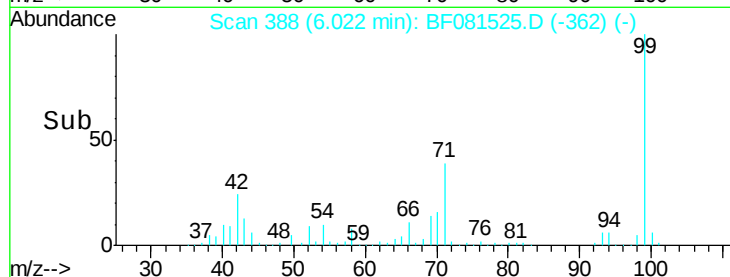
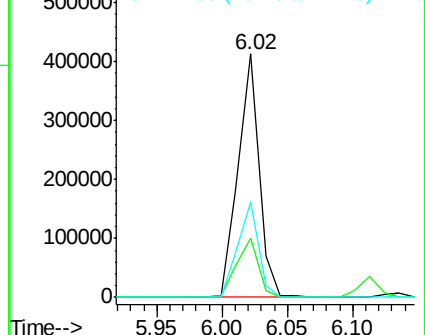
71 39.0 14.2 21.2#



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: 36.66 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

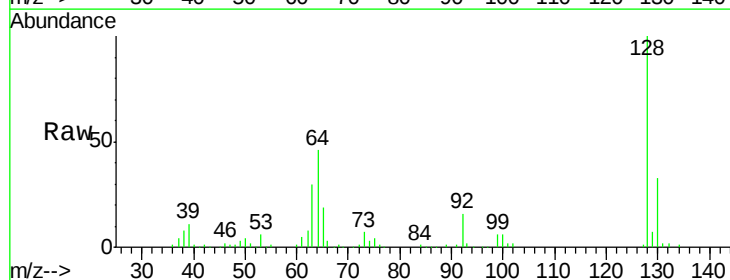
Tgt Ion: 128 Resp: 131618

Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

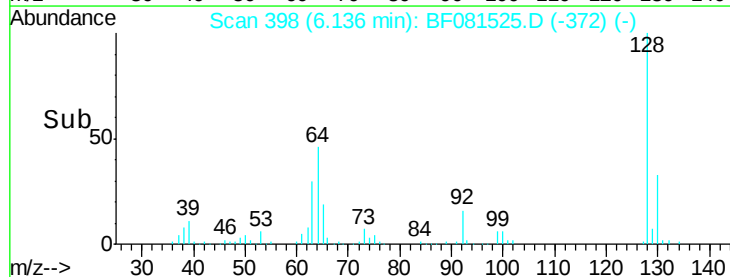
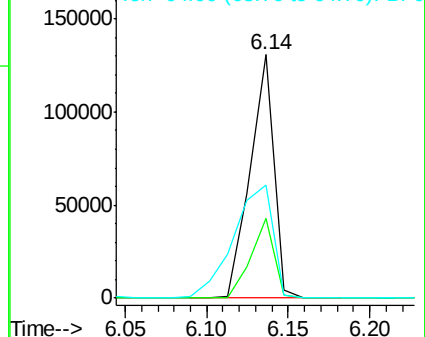
64 46.3 20.5 60.5

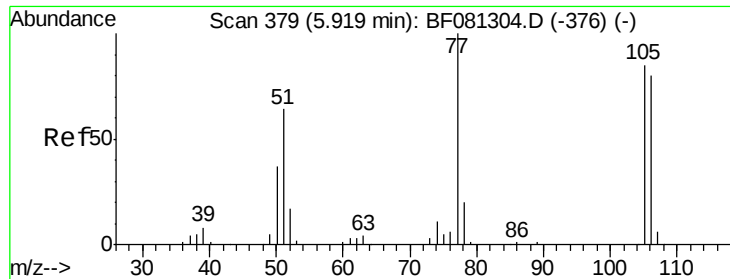


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.98 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

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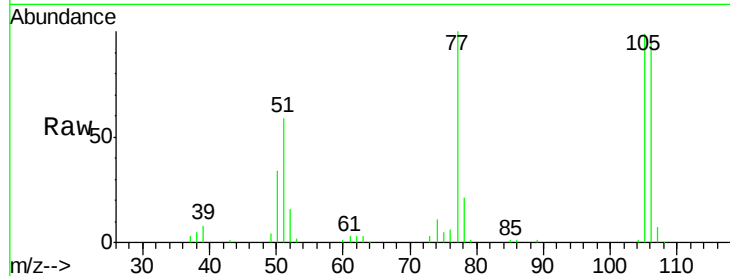
Tot Ion: 77 Resp: 89122

Ion Ratio Lower Upper

77 100

105 98.6 91.6 131.6

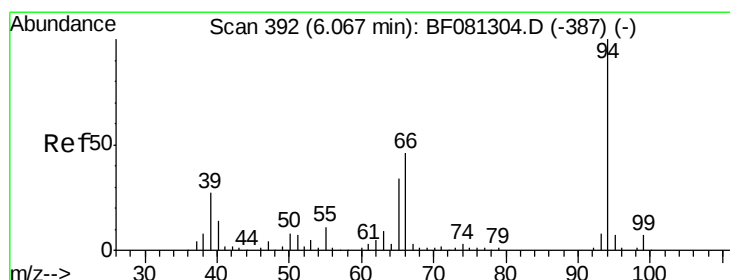
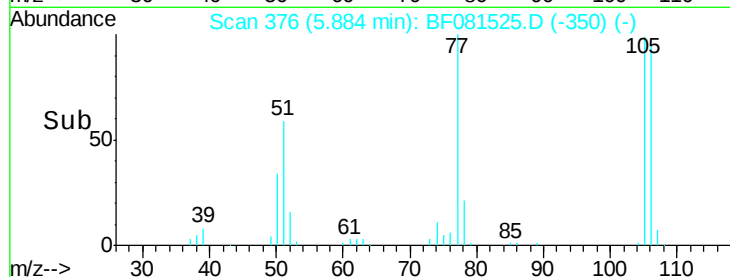
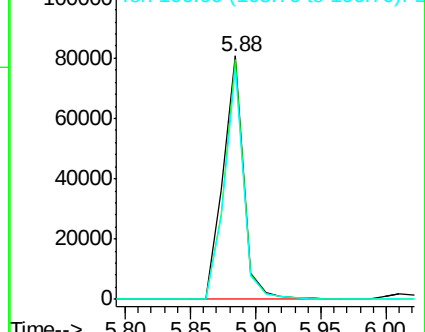
106 94.8 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 36.86 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

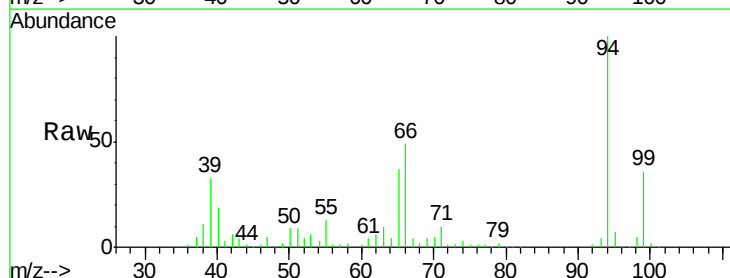
Tgt Ion: 94 Resp: 184326

Ion Ratio Lower Upper

94 100

65 37.5 0.7 40.7

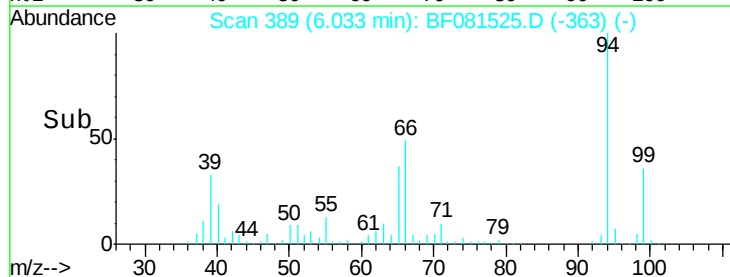
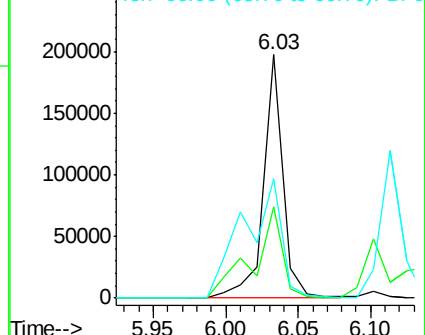
66 49.0 0.8 40.8#



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

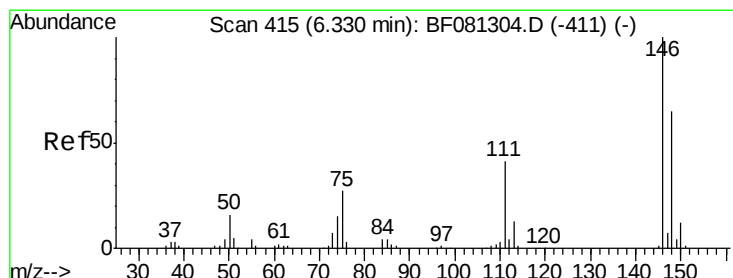
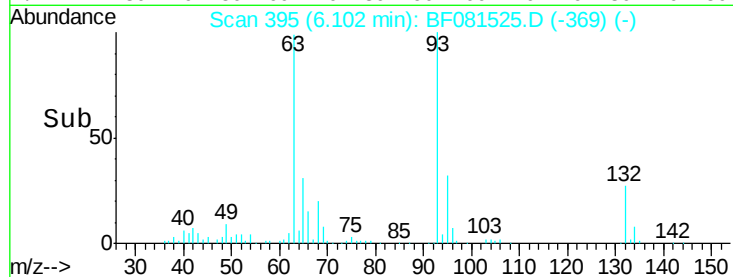
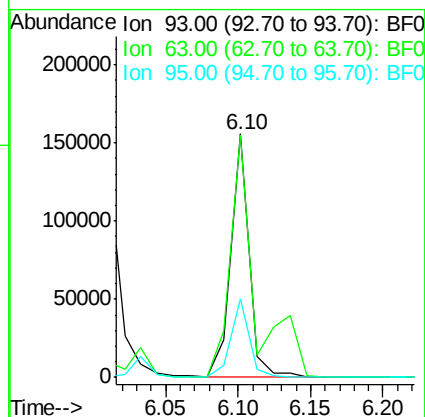
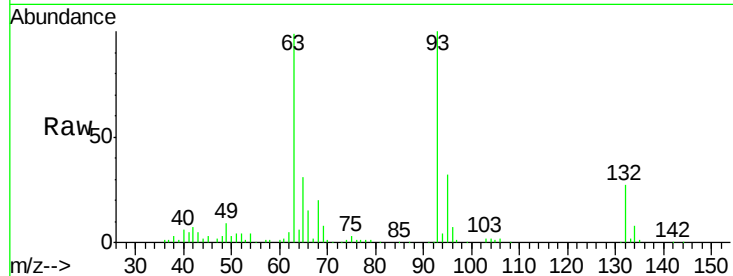




#11
bis(2-Chloroethyl)ether
Concen: 37.97 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

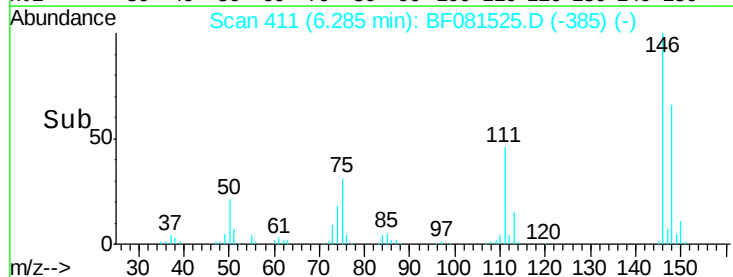
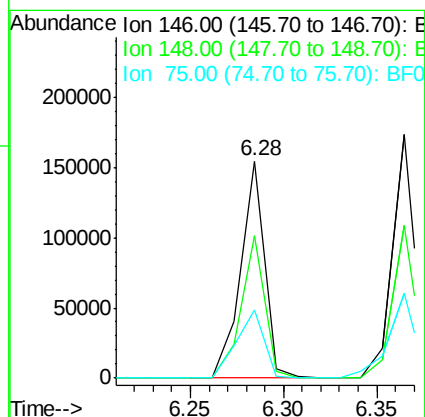
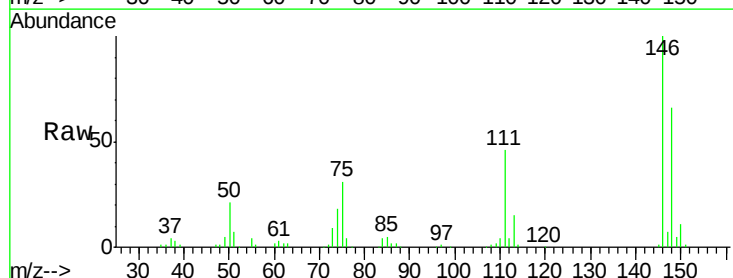
Instrument :
BNA_F
ClientSampleId :
PB85410BS

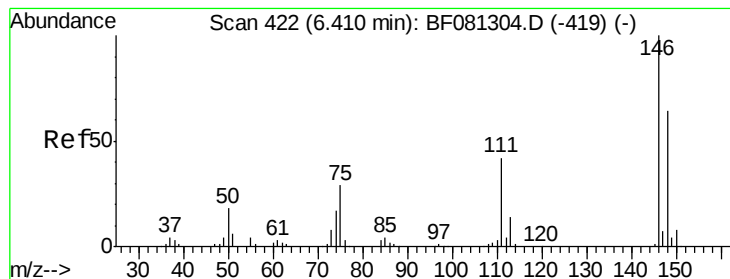
Tot Ion: 93 Resp: 136993
Ion Ratio Lower Upper
93 100
63 99.5 65.6 105.6
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.36 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion: 146 Resp: 139487
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 31.4 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 36.76 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

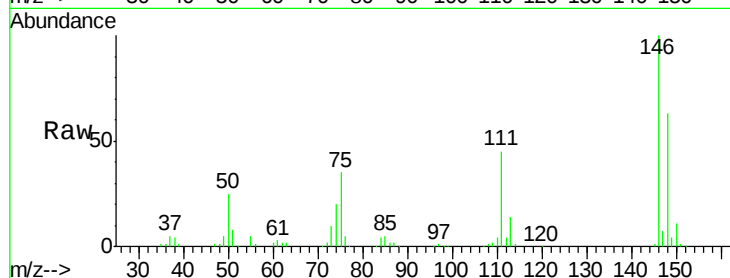
Tot Ion:146 Resp: 143554

Ion Ratio Lower Upper

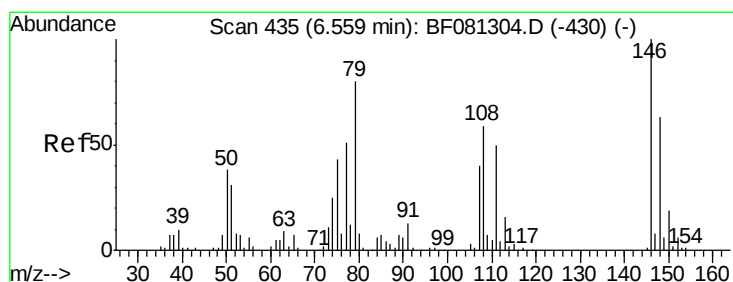
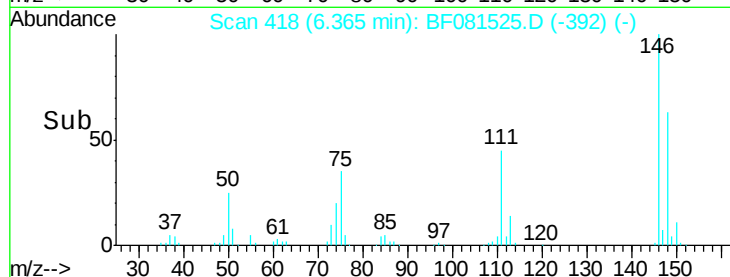
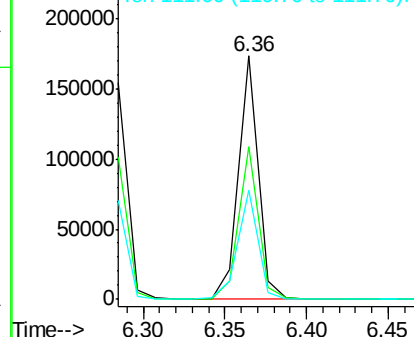
146 100

148 62.6 51.8 77.6

111 45.0 24.9 37.3#



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



#14

1,2-Dichlorobenzene

Concen: 35.15 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

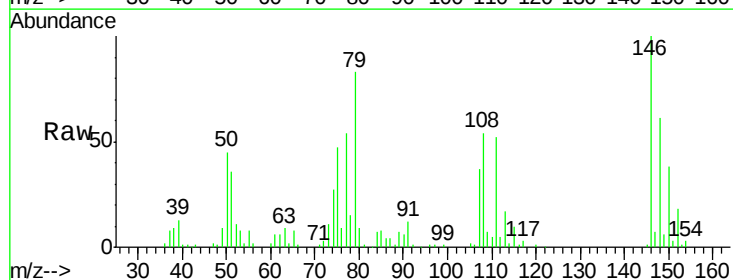
Tgt Ion:146 Resp: 123603

Ion Ratio Lower Upper

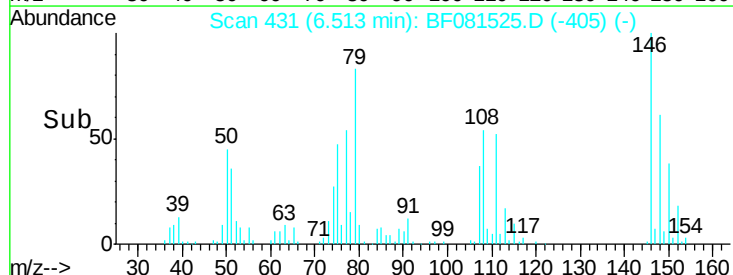
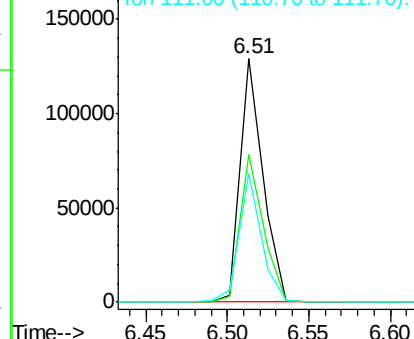
146 100

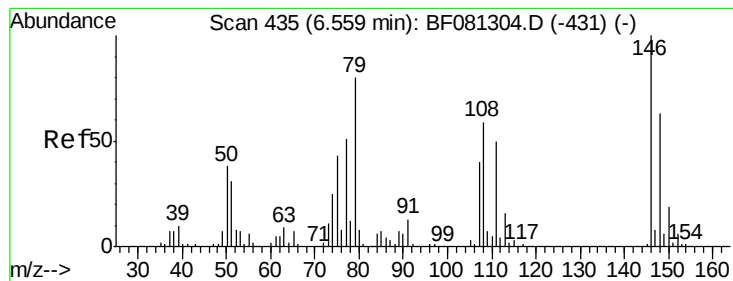
148 60.5 52.7 79.1

111 52.5 28.8 43.2#



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





#15

Benzyl Alcohol

Concen: 35.97 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

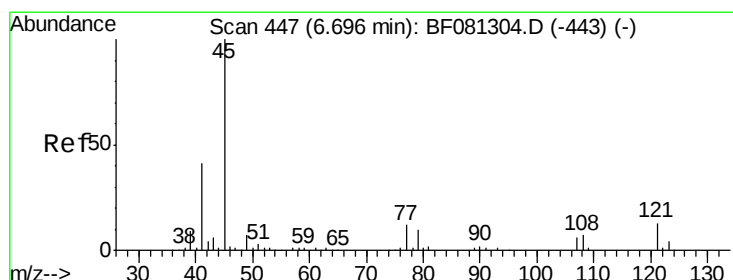
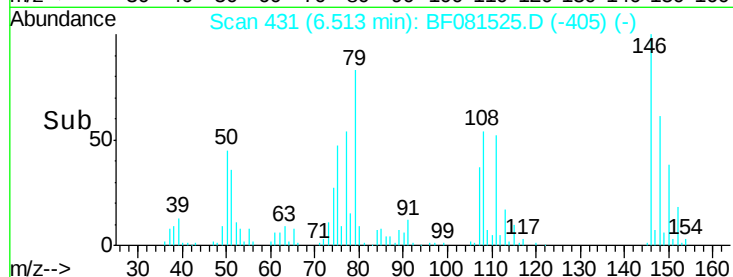
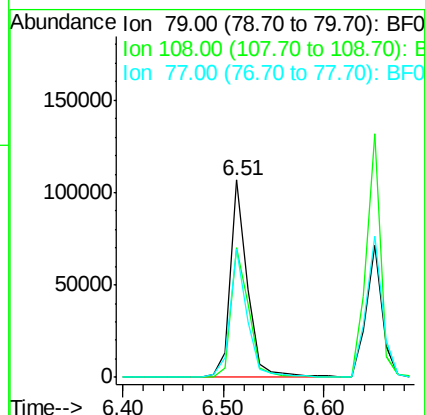
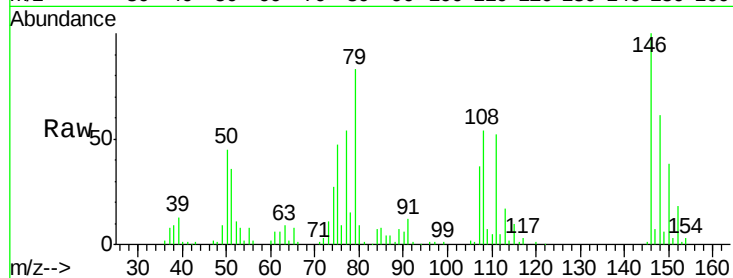
Tot Ion: 79 Resp: 127240

Ion Ratio Lower Upper

79 100

108 65.6 88.6 132.8#

77 64.8 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.03 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

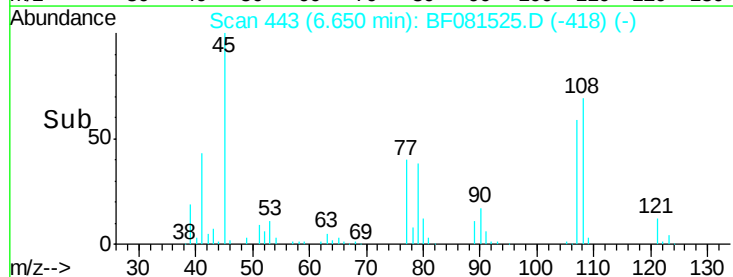
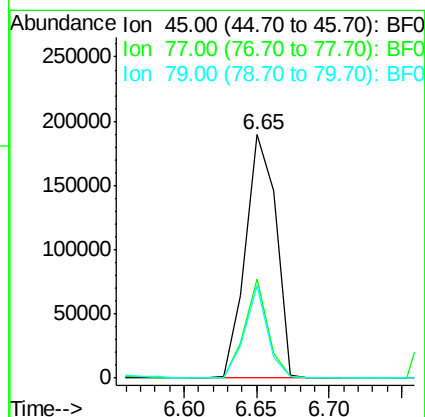
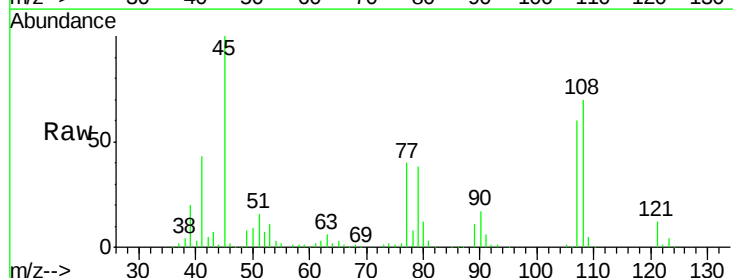
Tgt Ion: 45 Resp: 276844

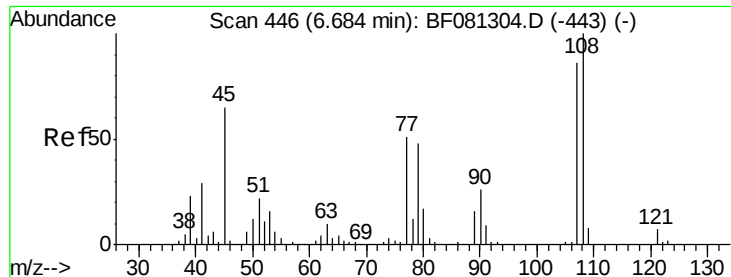
Ion Ratio Lower Upper

45 100

77 40.5 0.0 28.1#

79 37.8 0.0 26.0#

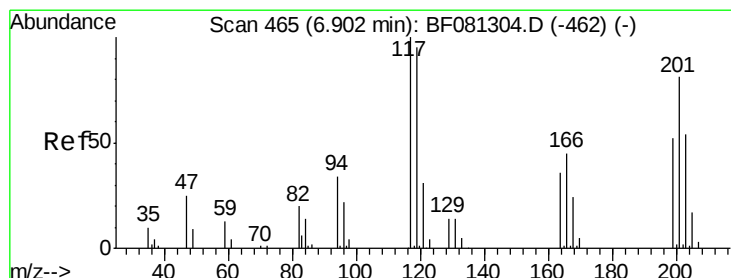
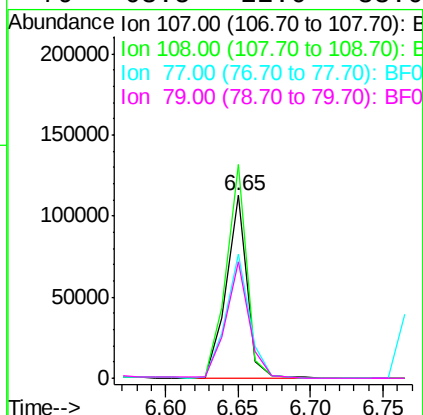
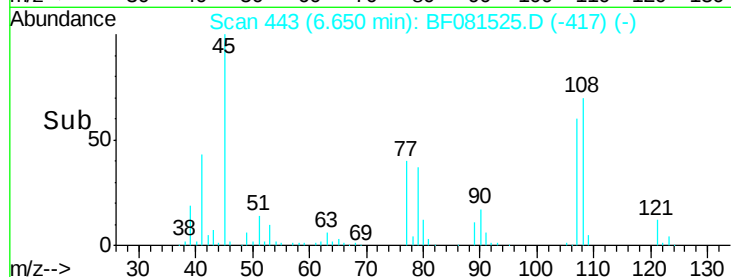
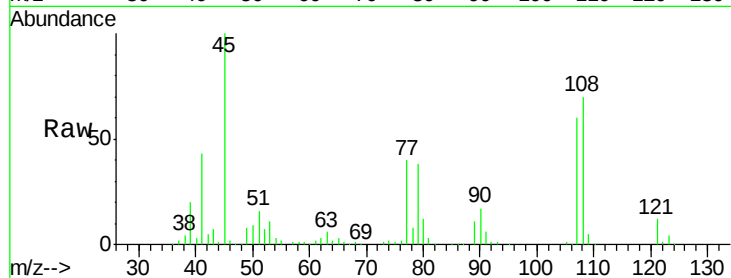




#17
2-Methylphenol
Concen: 39.15 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

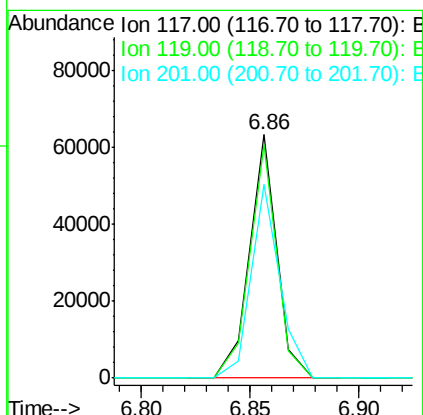
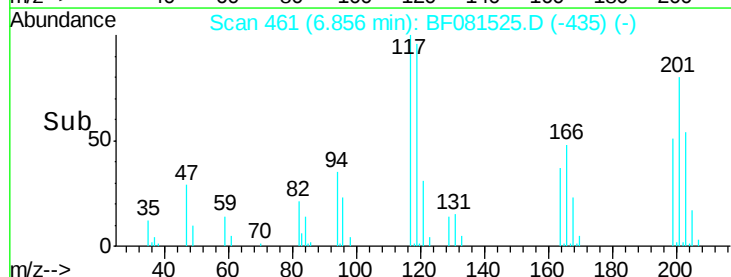
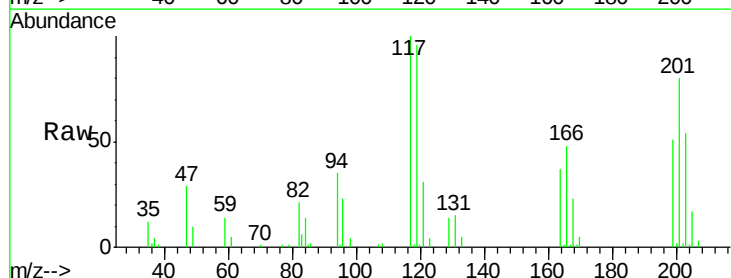
Instrument :
BNA_F
ClientSampleId :
PB85410BS

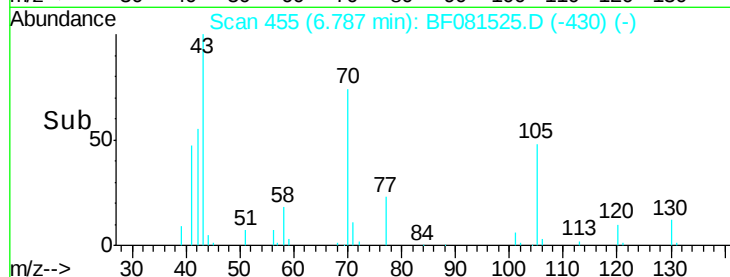
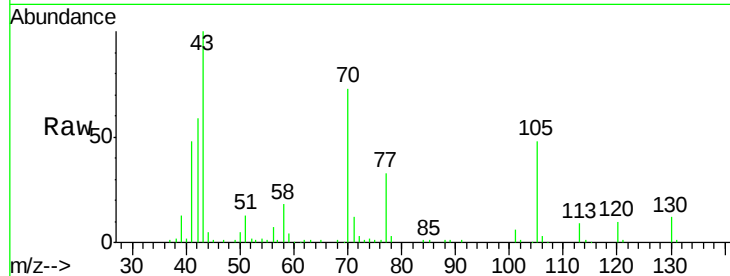
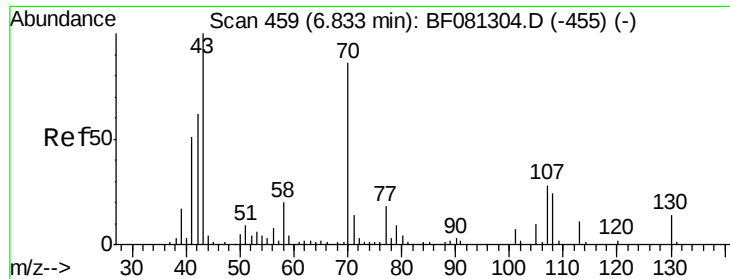
Tot Ion:107 Resp: 112141
Ion Ratio Lower Upper
107 100
108 116.8 96.6 145.0
77 68.0 23.3 34.9#
79 63.5 22.0 33.0#



#18
Hexachloroethane
Concen: 36.34 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion:117 Resp: 55223
Ion Ratio Lower Upper
117 100
119 96.0 83.8 125.6
201 79.7 55.1 82.7

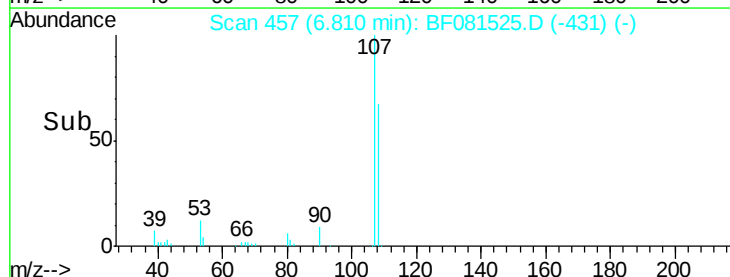
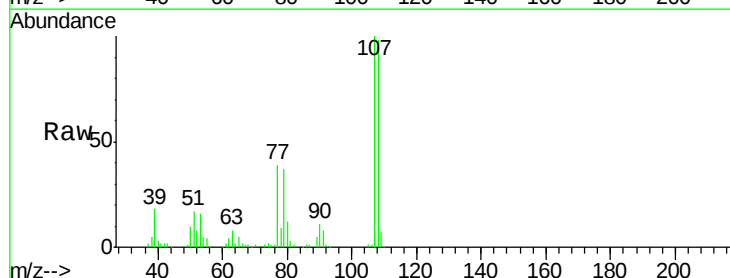
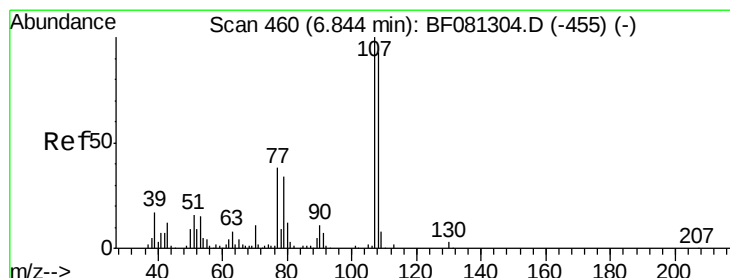
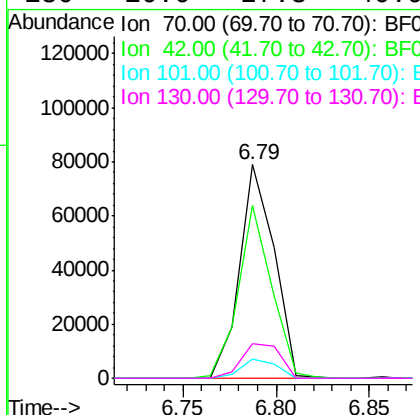




#19
n-Nitroso-di-n-propylamine
Concen: 34.46 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

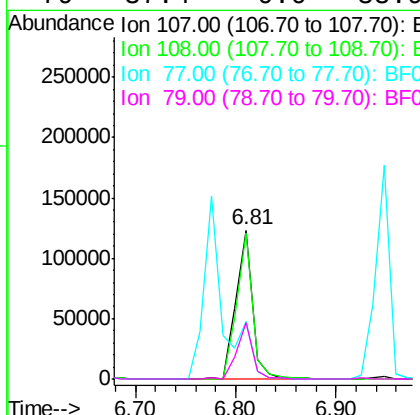
Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.8	63.8	95.6
101	8.8	9.2	13.8
130	16.0	27.3	40.9



#20
3+4-Methylphenols
Concen: 36.78 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.7	74.6	114.6
77	38.9	0.7	40.7
79	37.4	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

Tot Ion:136 Resp: 191663

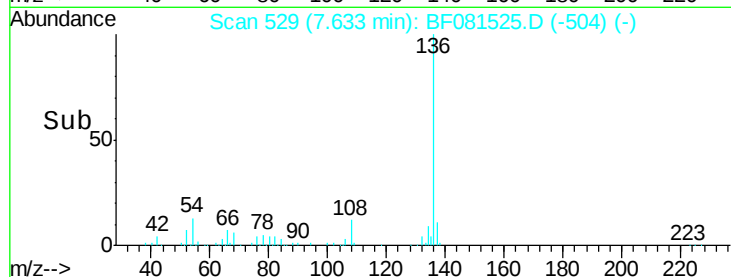
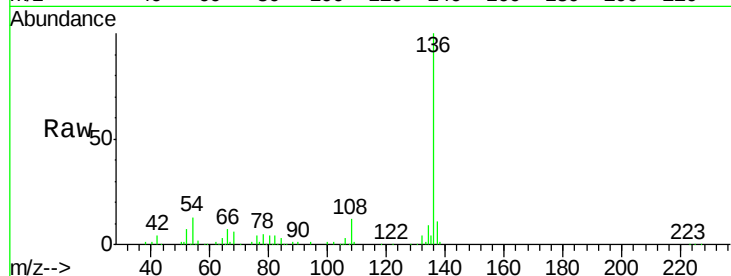
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 13.0 8.2 12.2#

68 5.7 5.8 8.6#



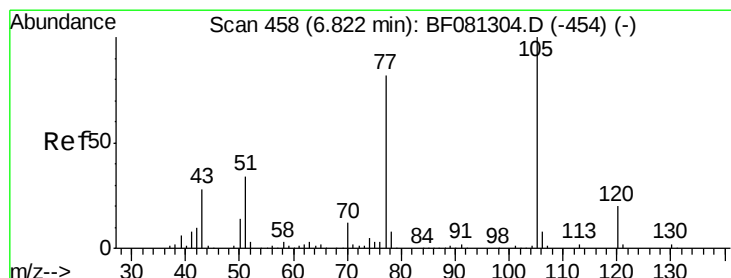
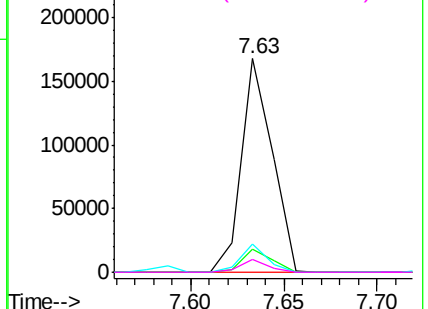
Abundance

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: 36.98 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Tgt Ion:105 Resp: 193612

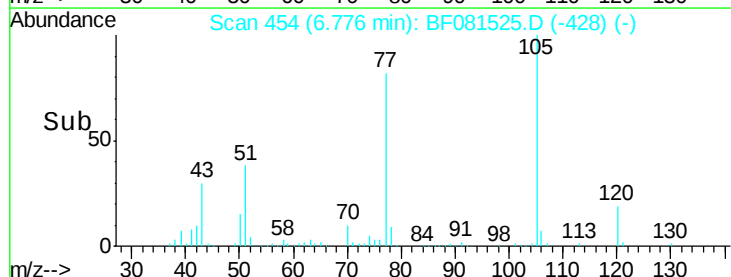
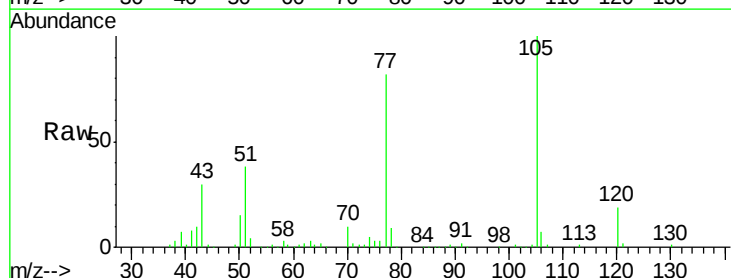
Ion Ratio Lower Upper

105 100

71 1.8 4.7 7.1#

51 38.0 22.0 33.0#

120 18.7 30.1 45.1#



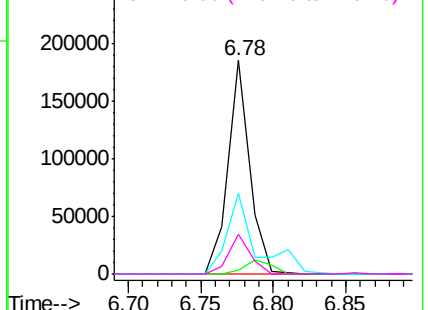
Abundance

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

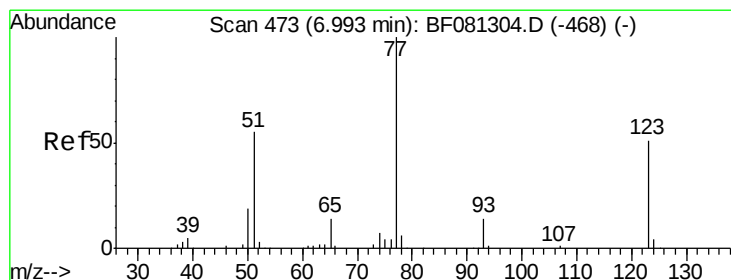
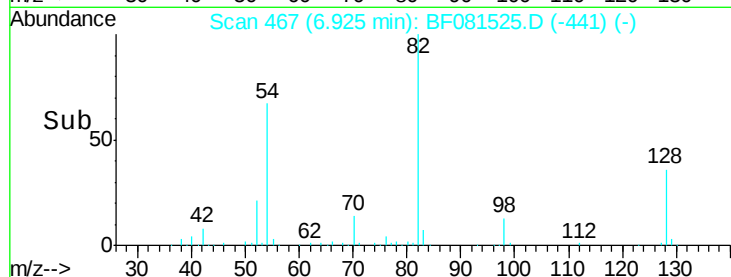
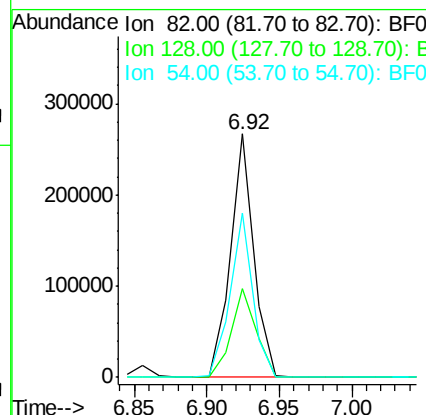
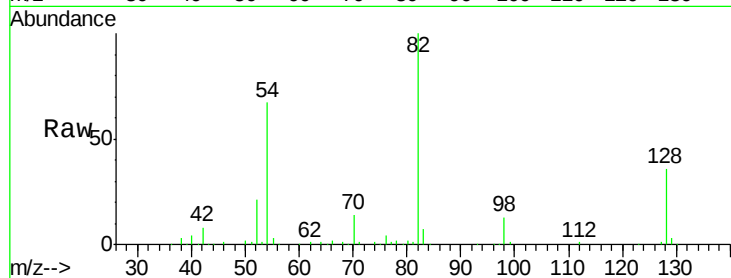




#23
 Nitrobenzene-d5
 Concen: 74.48 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

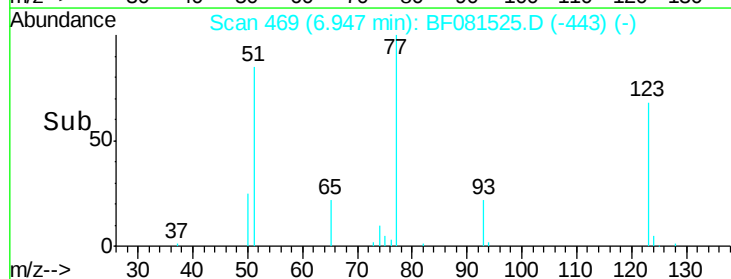
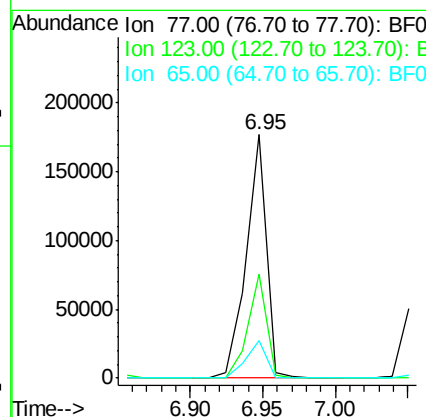
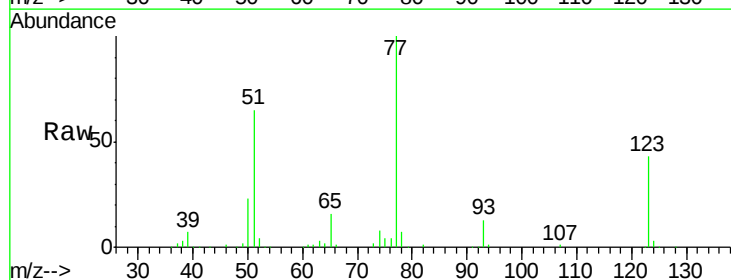
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion	82	Resp	295867
Ion Ratio	100	Lower	Upper
128	36.4	51.0	76.6#
54	67.3	47.5	71.3



#24
 Nitrobenzene
 Concen: 41.22 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	77	Resp	170063
Ion Ratio	100	Lower	Upper
123	42.7	59.8	89.8#
65	15.6	10.2	15.4#





#25

Isophorone

Concen: 37.78 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

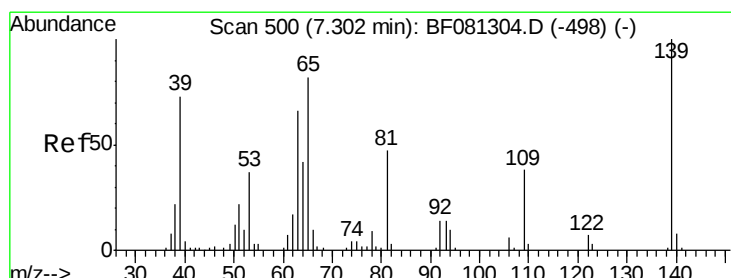
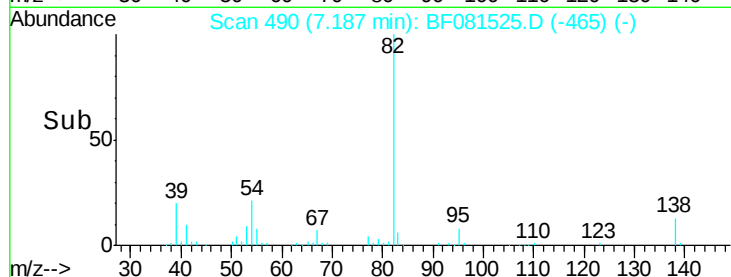
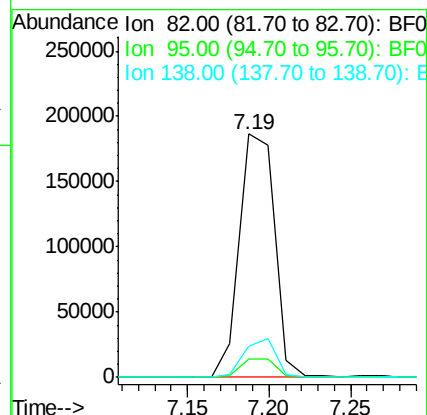
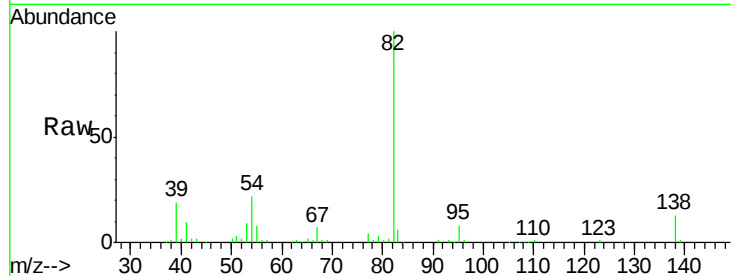
Tot Ion: 82 Resp: 279173

Ion Ratio Lower Upper

82 100

95 7.6 4.0 6.0#

138 13.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 38.50 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

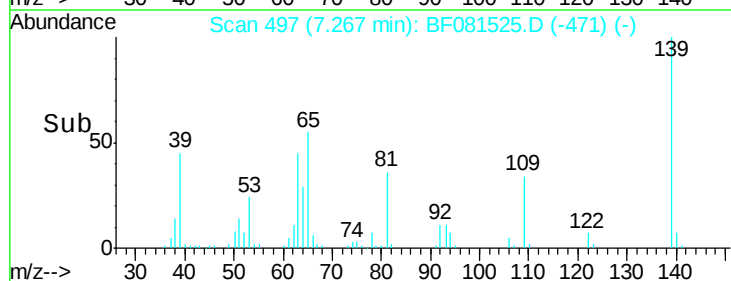
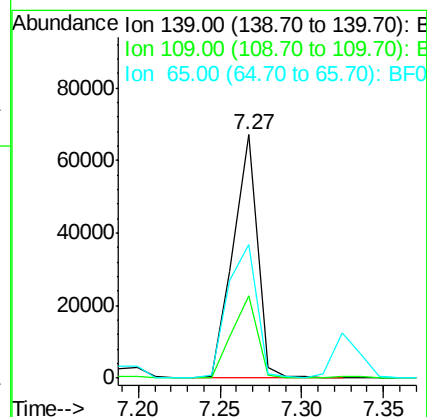
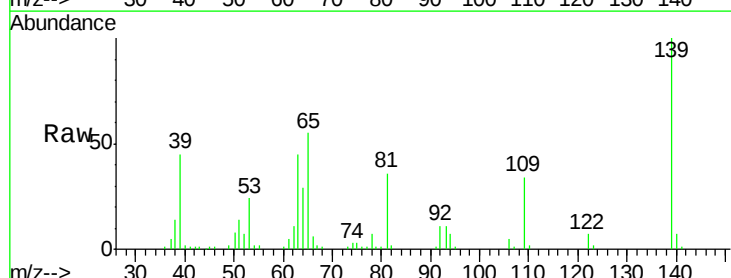
Tgt Ion: 139 Resp: 69219

Ion Ratio Lower Upper

139 100

109 33.6 11.0 16.4#

65 54.8 24.7 37.1#

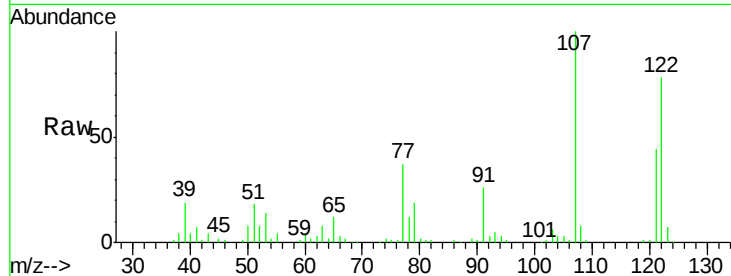




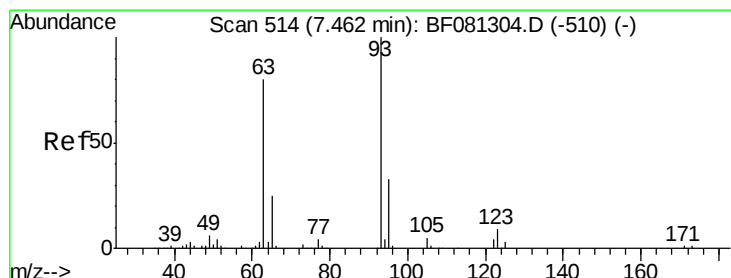
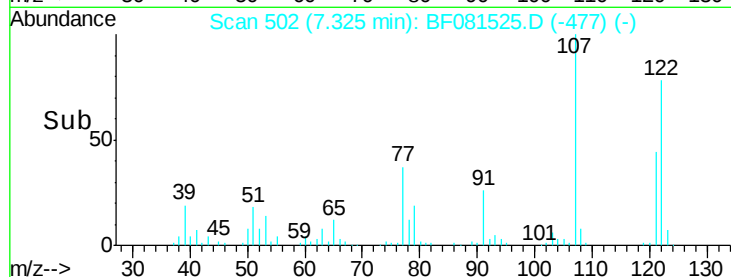
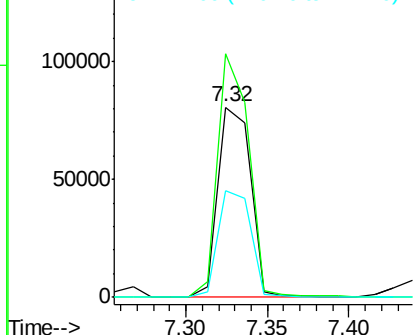
#27
 2,4-Dimethylphenol
 Concen: 36.20 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion:122 Resp: 112431
 Ion Ratio Lower Upper
 122 100
 107 128.1 71.8 107.6#
 121 56.2 42.3 63.5

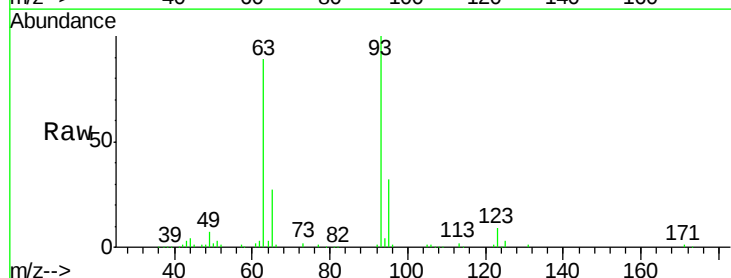


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

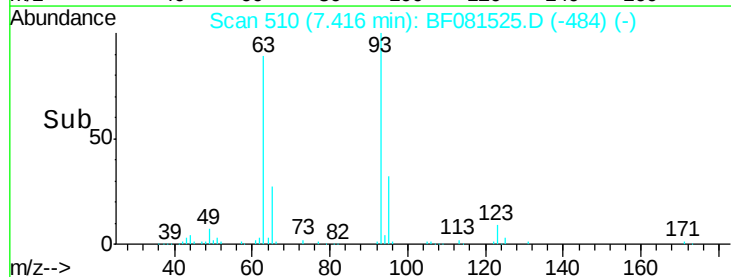
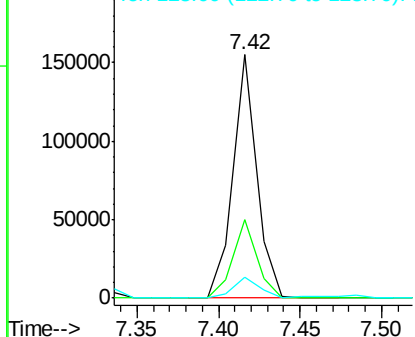


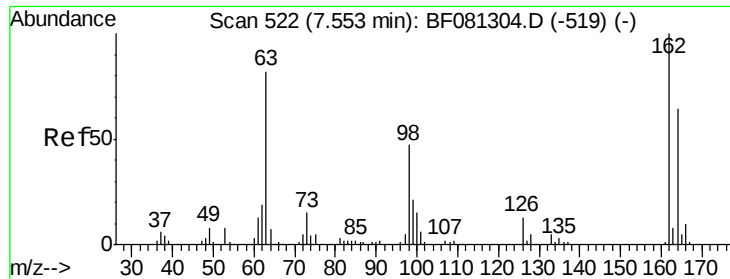
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.37 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion: 93 Resp: 155214
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.5 41.3
 123 8.7 13.7 20.5#



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

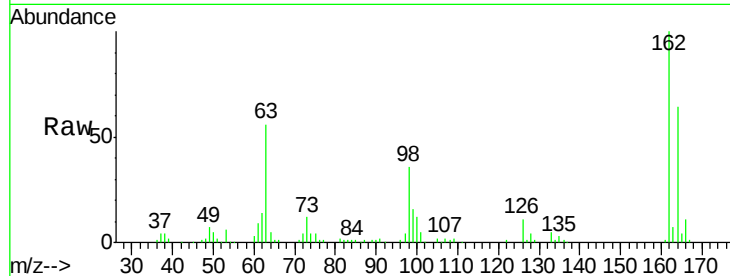




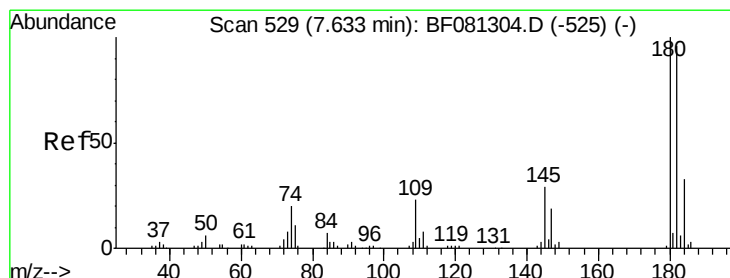
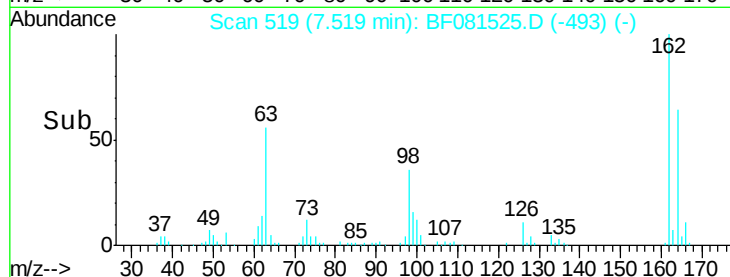
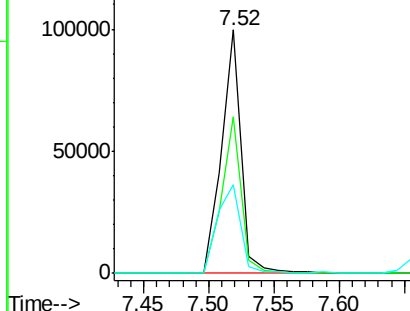
#29
 2,4-Dichlorophenol
 Concen: 38.81 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	36.2	13.0	53.0

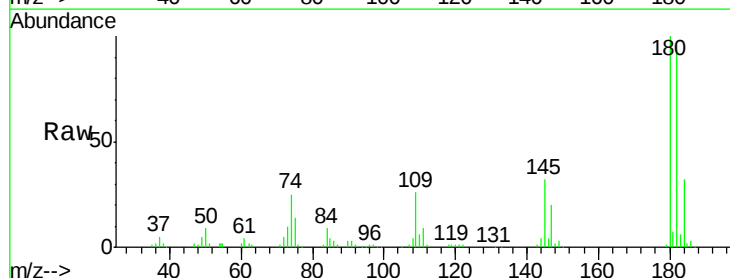


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

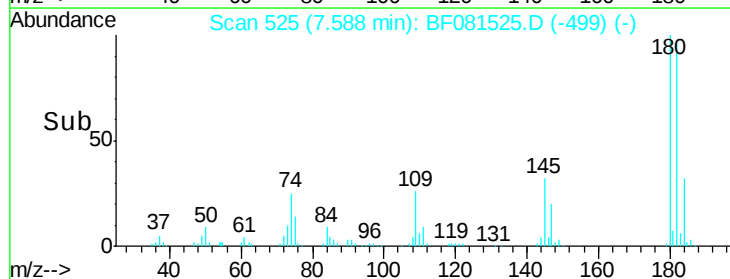
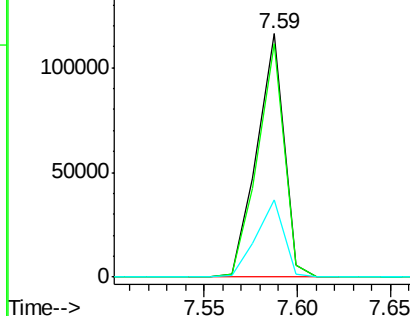


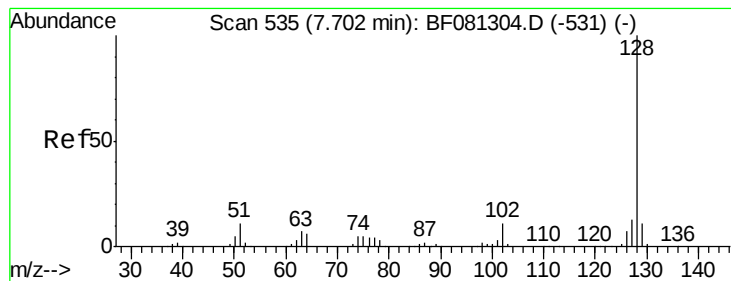
#30
 1,2,4-Trichlorobenzene
 Concen: 40.05 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	31.5	23.3	34.9



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: 35.43 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

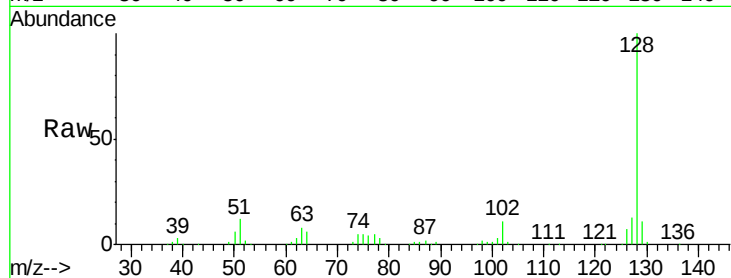
Tot Ion:128 Resp: 362179

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

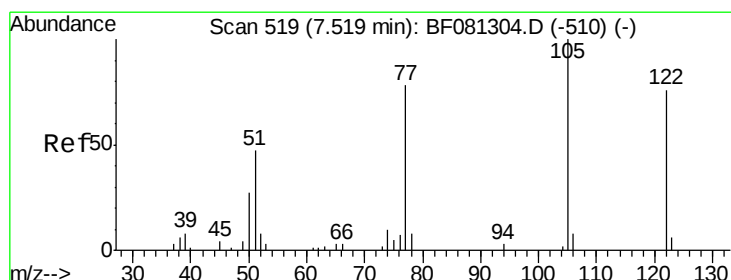
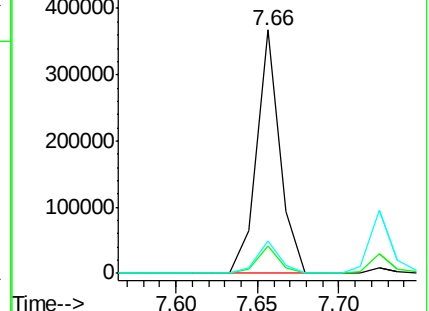
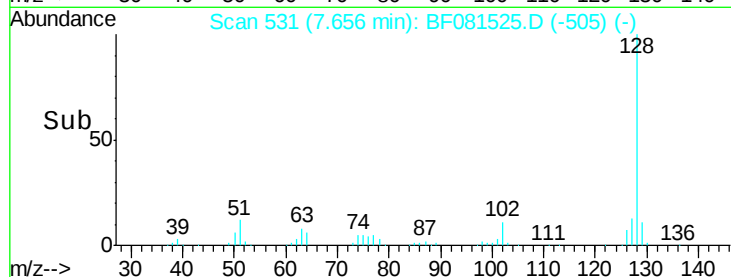
127 13.3 9.9 14.9



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: 26.87 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

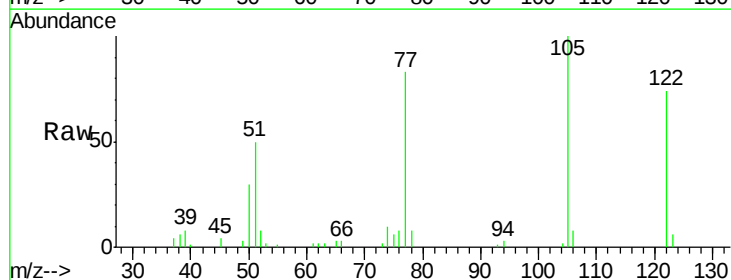
Tgt Ion:122 Resp: 56957

Ion Ratio Lower Upper

122 100

105 134.8 76.1 116.1#

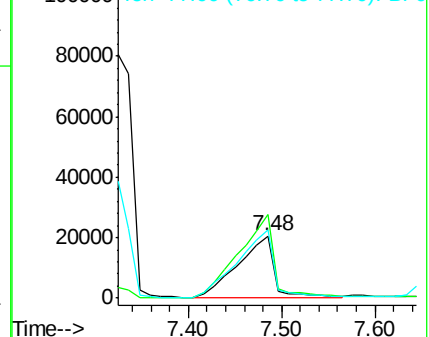
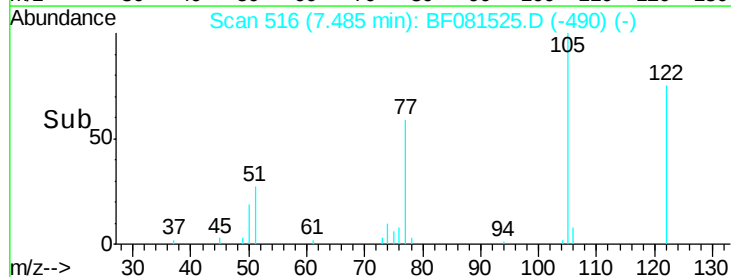
77 111.2 40.5 80.5#

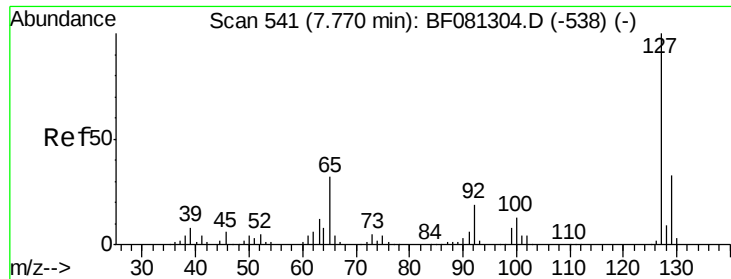


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

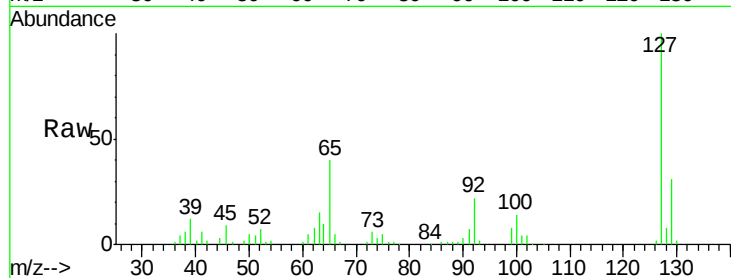




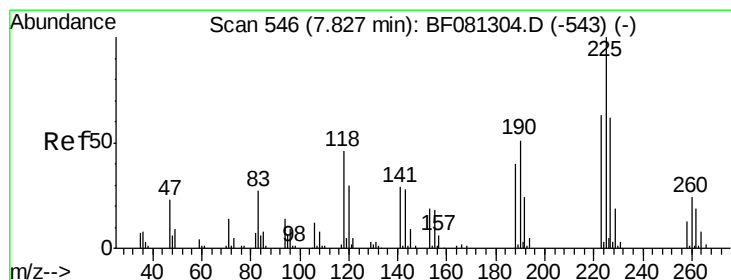
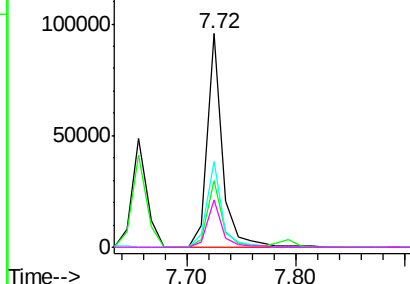
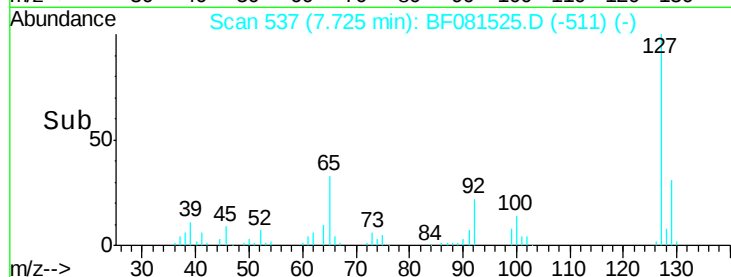
#33
4-Chloroaniline
Concen: 22.67 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleID :
PB85410BS

Tot Ion:127 Resp: 94498
Ion Ratio Lower Upper
127 100
129 31.3 25.8 38.6
65 40.4 17.9 26.9#
92 22.3 10.5 15.7#

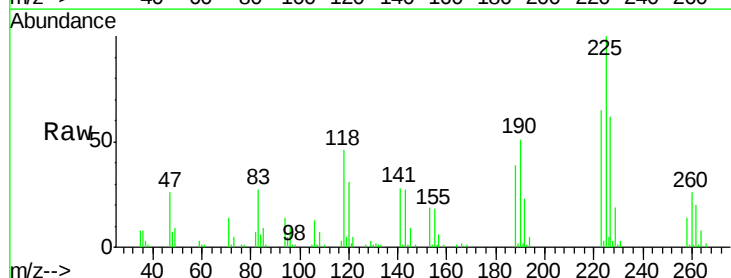


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

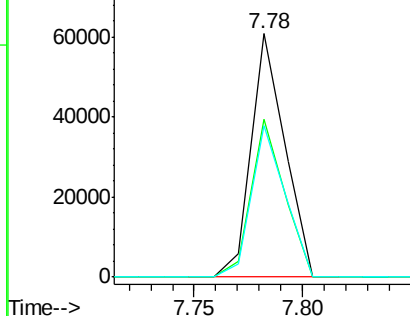
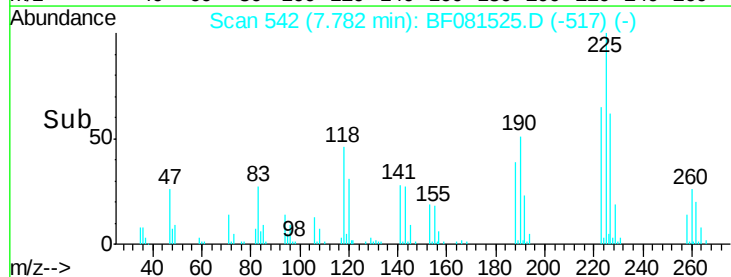


#34
Hexachlorobutadiene
Concen: 36.73 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion:225 Resp: 65401
Ion Ratio Lower Upper
225 100
223 64.7 50.2 75.2
227 62.2 52.2 78.2



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: 21.56 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

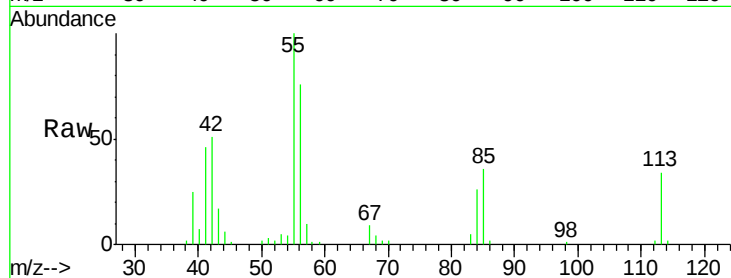
Tot Ion:113 Resp: 17806

Ion Ratio Lower Upper

113 100

55 289.9 152.4 192.4#

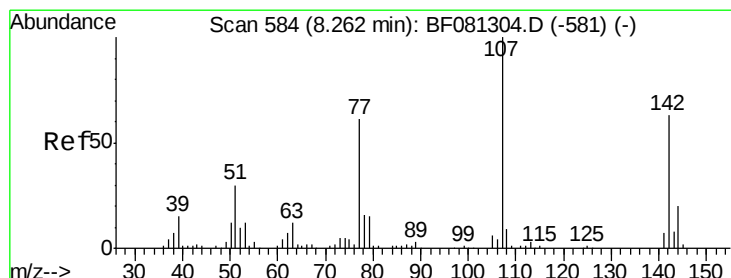
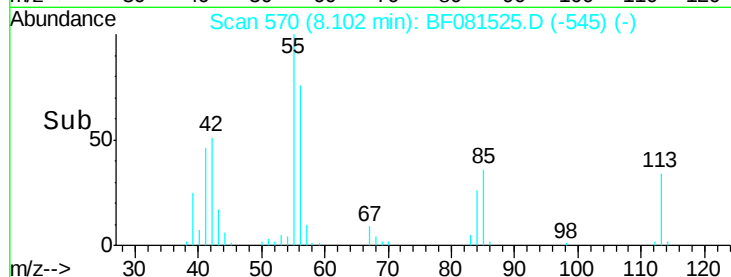
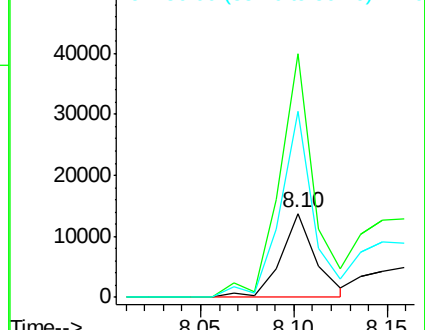
56 221.2 104.6 144.6#



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: 43.25 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

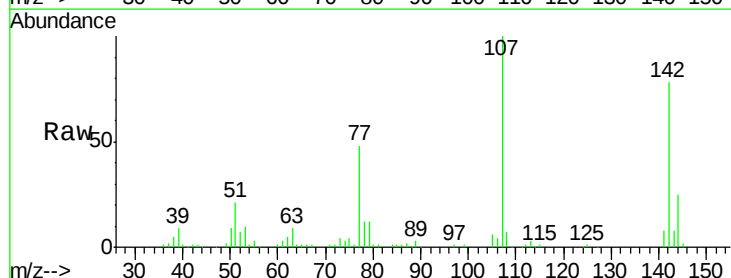
Tgt Ion:107 Resp: 130364

Ion Ratio Lower Upper

107 100

144 25.2 25.4 38.0#

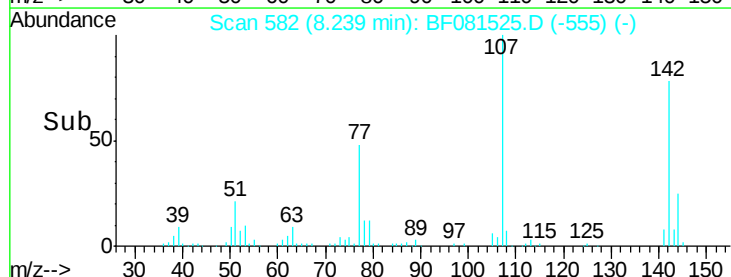
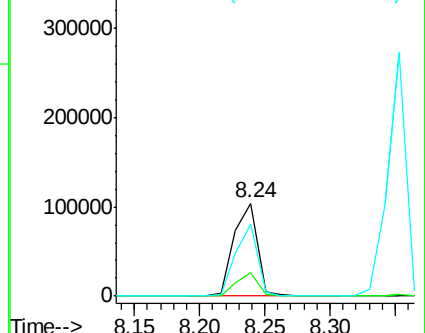
142 77.5 77.3 115.9

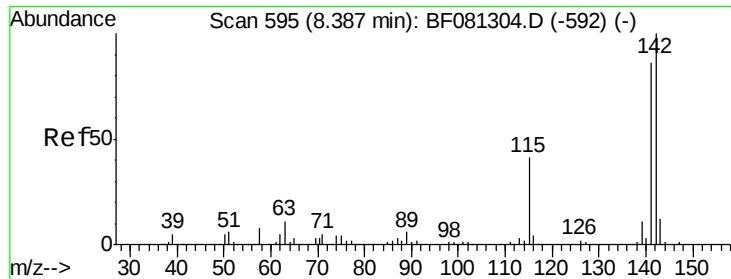


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

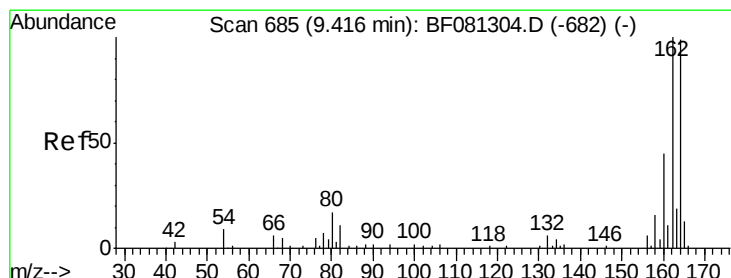
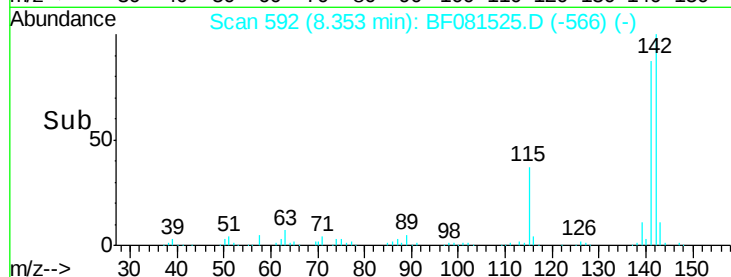
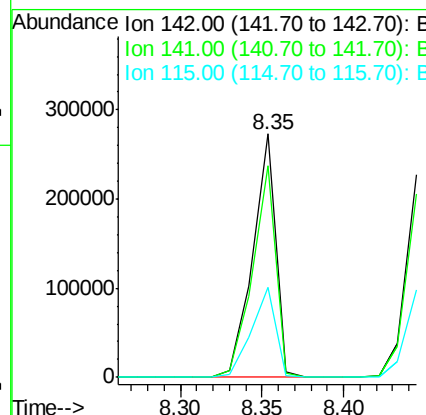
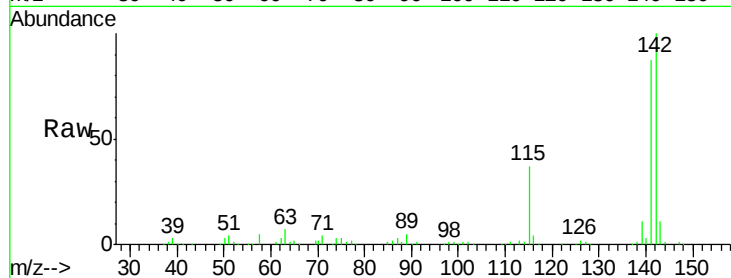




#37
 2-Methylnaphthalene
 Concen: 40.25 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

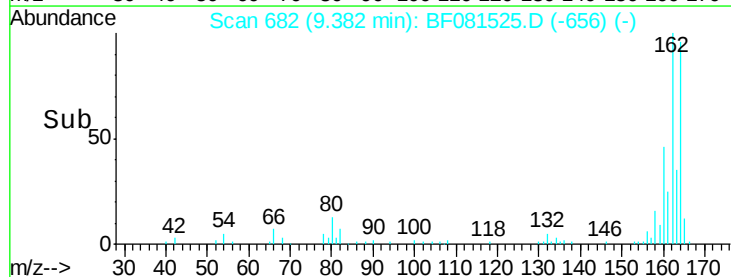
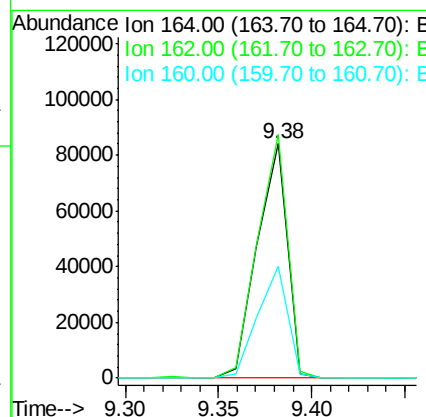
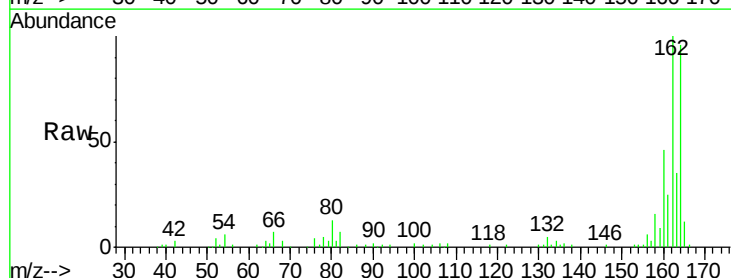
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

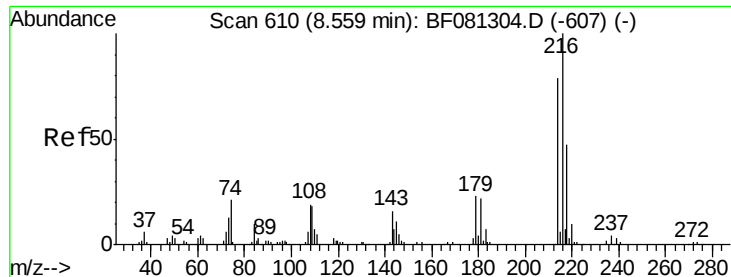
Tot Ion:142 Resp: 267733
 Ion Ratio Lower Upper
 142 100
 141 86.9 67.5 101.3
 115 37.0 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:164 Resp: 93617
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 47.6 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.94 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

Tot Ion:216 Resp: 100493

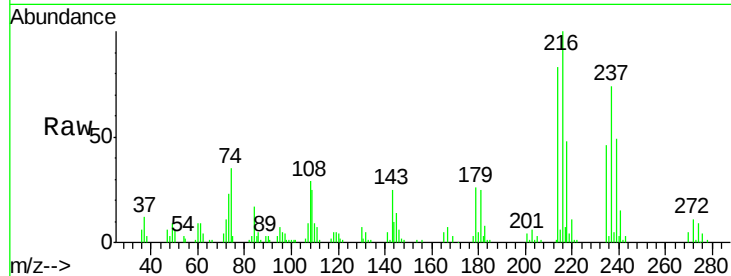
Ion Ratio Lower Upper

216 100

214 81.1 63.5 95.3

179 22.4 16.6 24.8

108 23.5 16.3 24.5

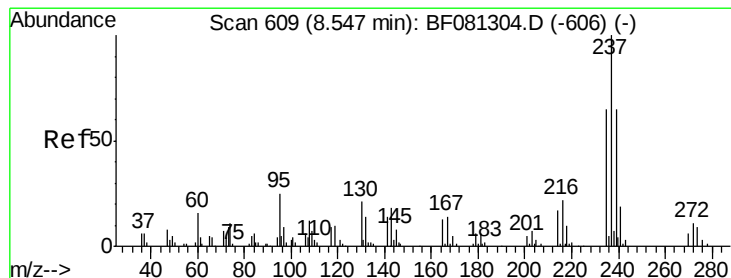
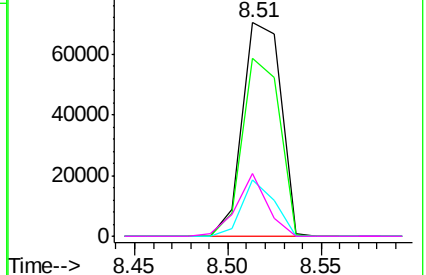
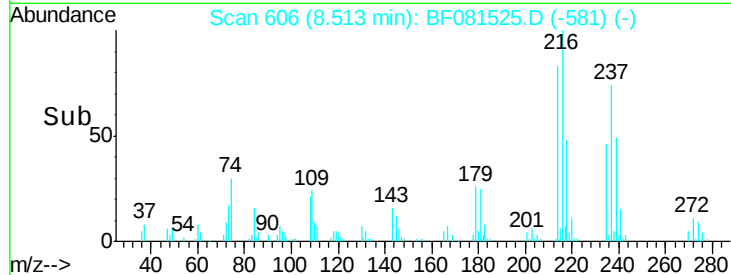


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.60 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

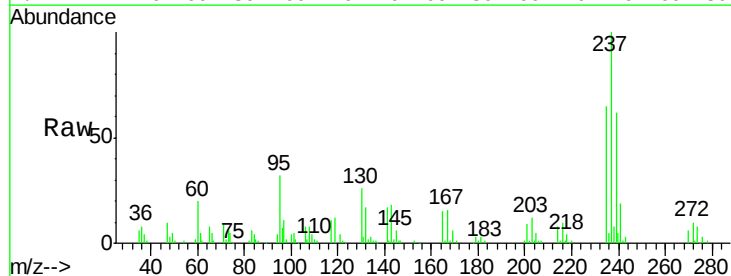
Tgt Ion:237 Resp: 104027

Ion Ratio Lower Upper

237 100

235 64.8 42.0 82.0

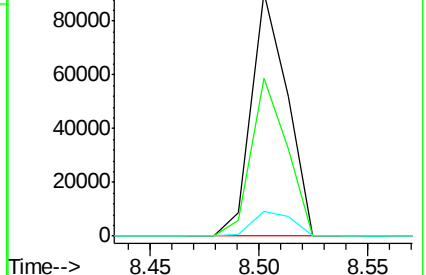
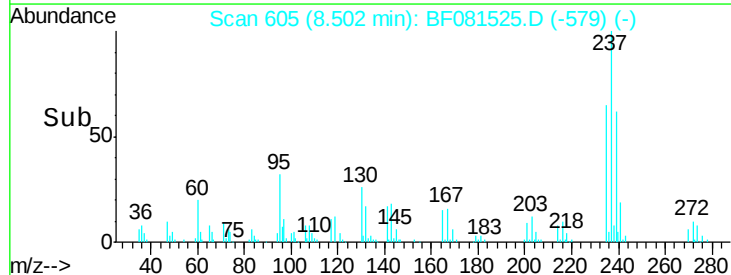
272 10.0 0.0 36.1



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

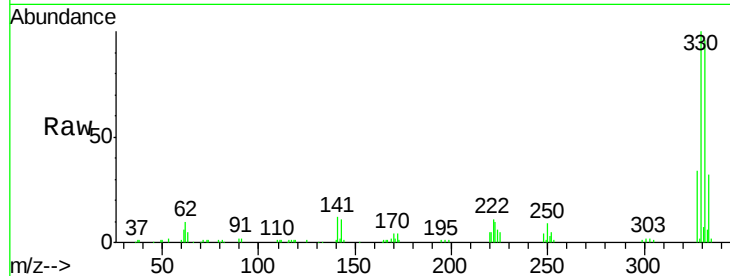




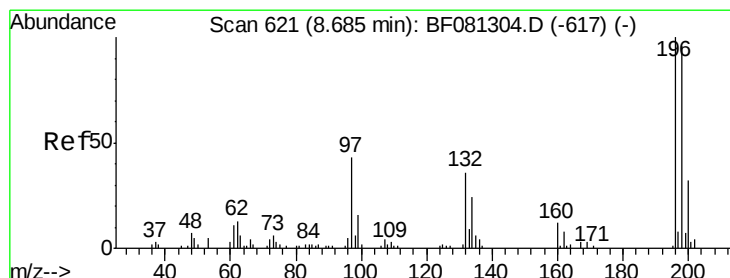
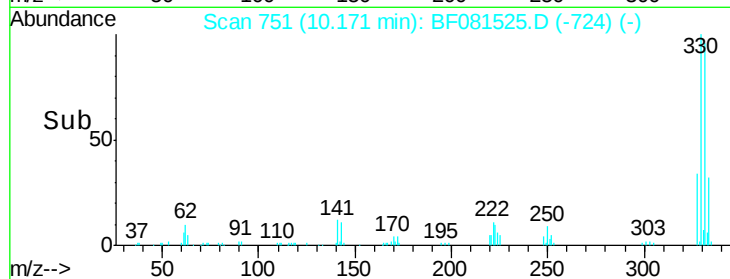
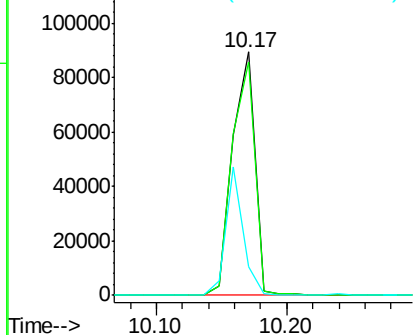
#41
 2,4,6-Tribromophenol
 Concen: 127.09 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion:330 Resp: 105938
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 41.4 29.7 44.5

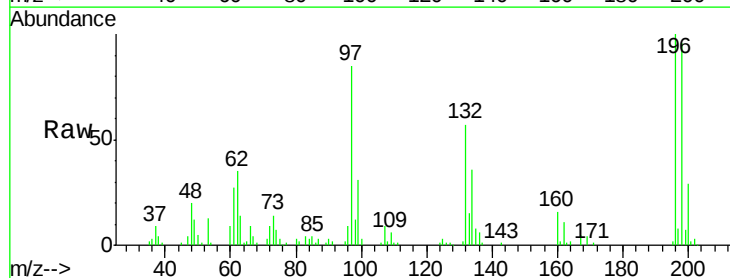


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

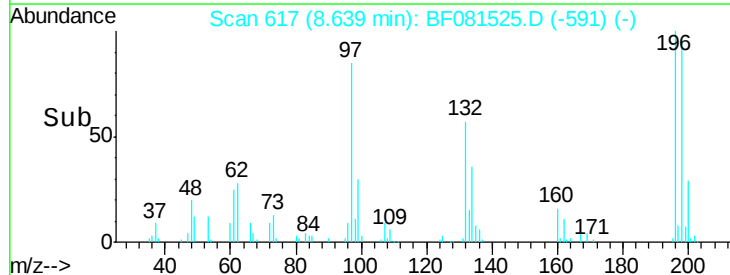
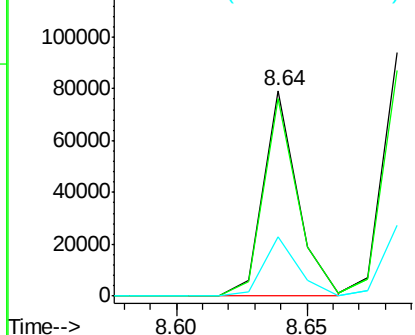


#42
 2,4,6-Trichlorophenol
 Concen: 35.27 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:196 Resp: 72071
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 28.8 23.9 35.9



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

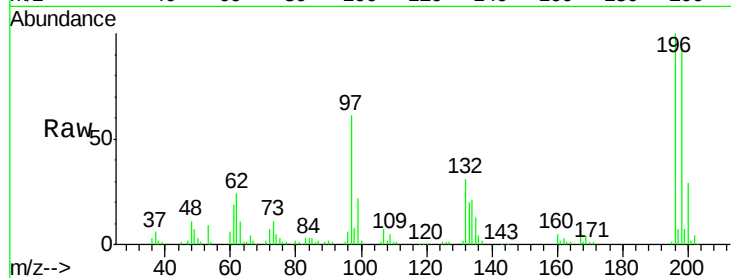




#43
 2,4,5-Trichlorophenol
 Concen: 39.54 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.4	113.0
97	61.1	33.3	49.9
132	31.2	24.6	37.0



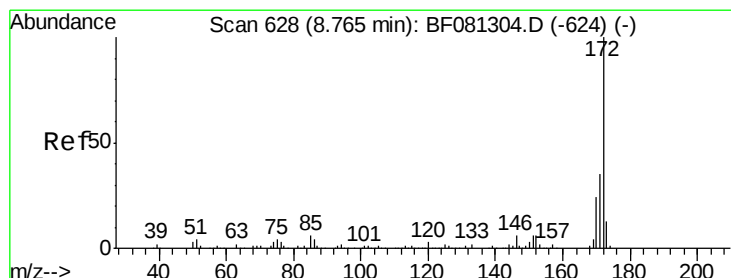
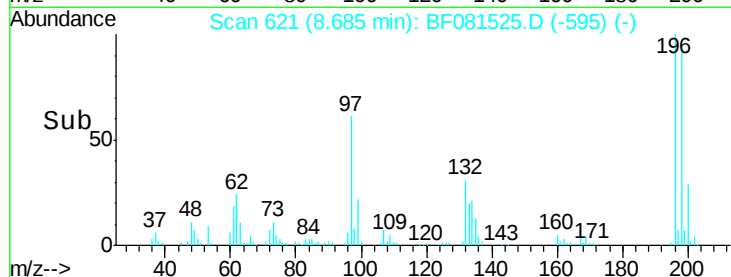
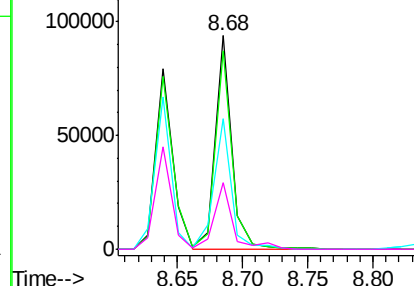
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

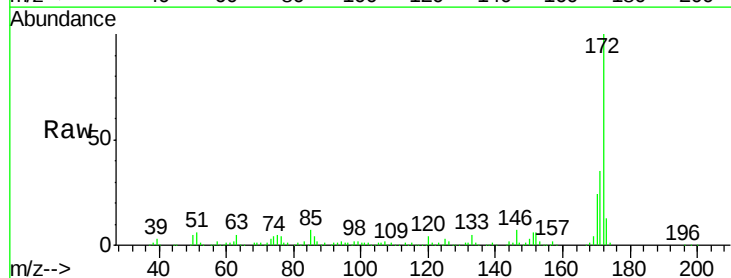
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.57 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.9	17.4	26.2

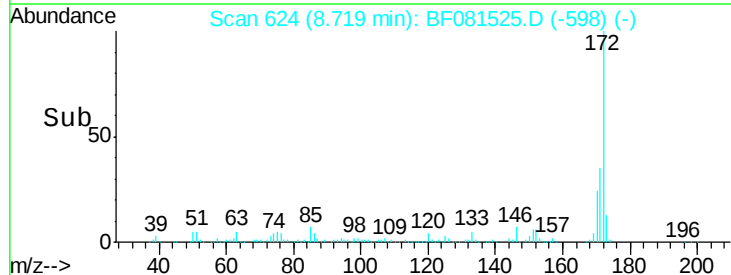
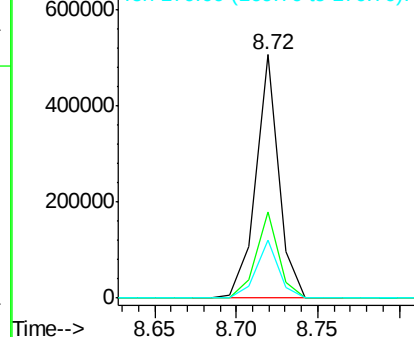


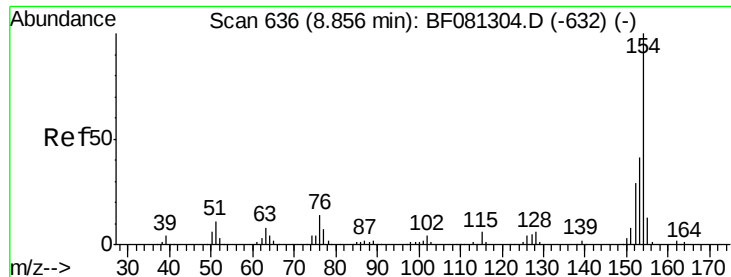
Abundance

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

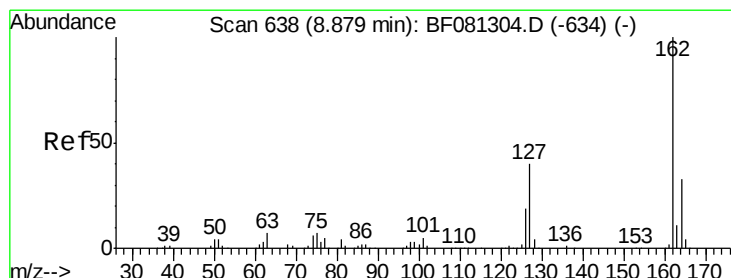
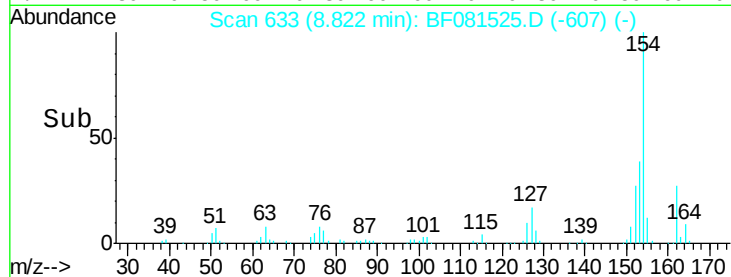
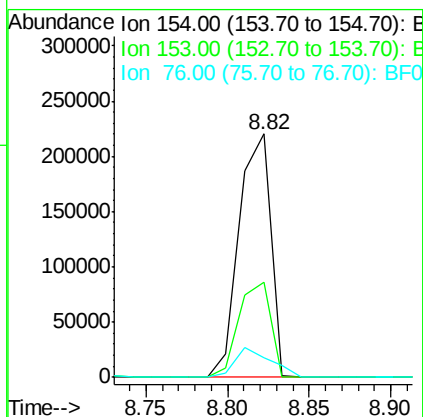
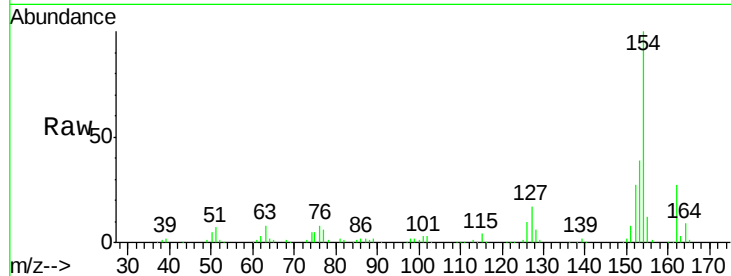




#45
 1,1'-Biphenyl
 Concen: 34.20 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

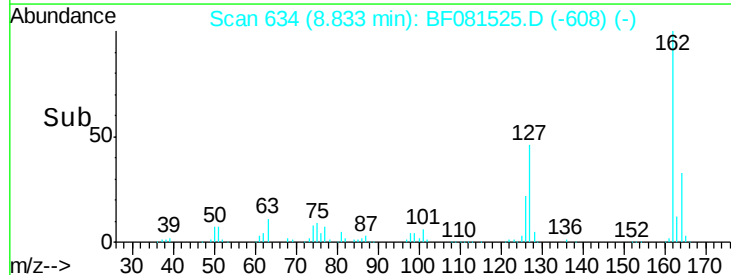
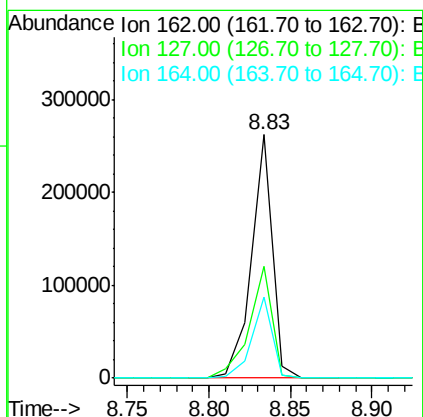
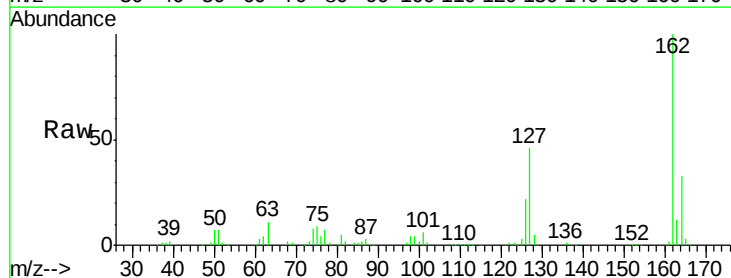
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion:154 Resp: 294521
 Ion Ratio Lower Upper
 154 100
 153 39.3 17.1 57.1
 76 8.0 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 37.50 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:162 Resp: 233246
 Ion Ratio Lower Upper
 162 100
 127 45.8 27.6 41.4#
 164 33.1 25.4 38.2

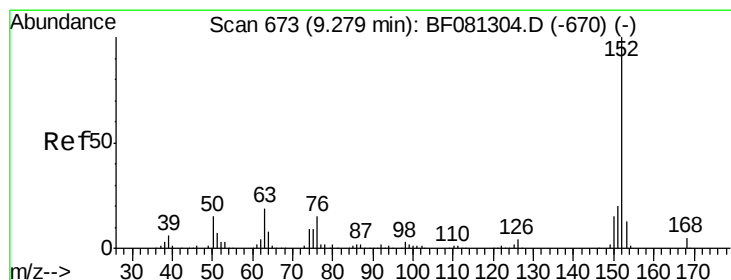
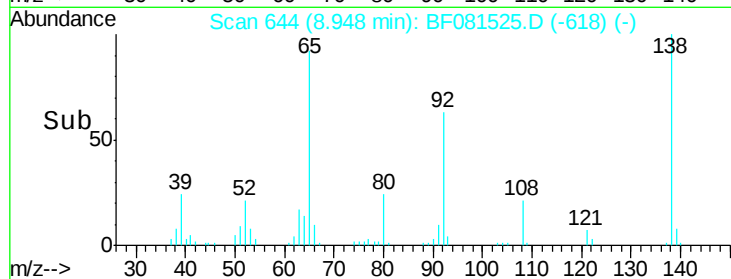
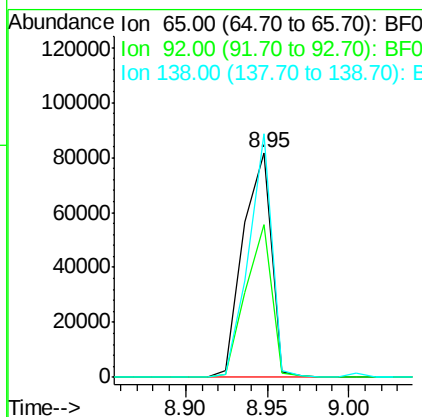
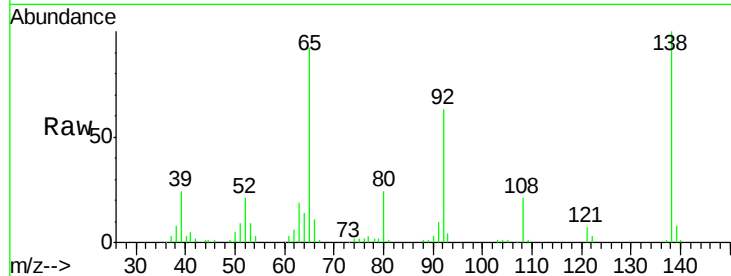




#47
2-Nitroaniline
Concen: 38.88 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

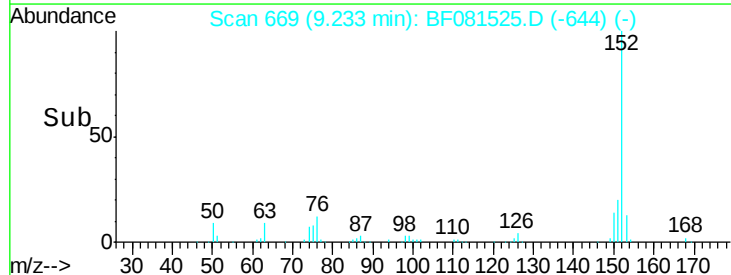
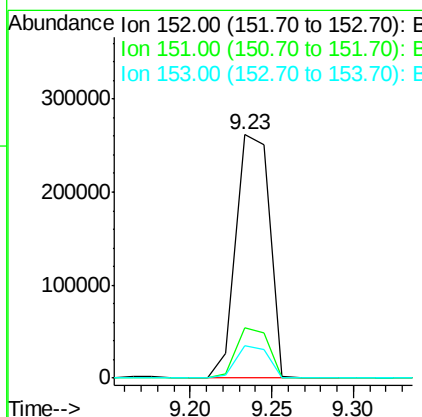
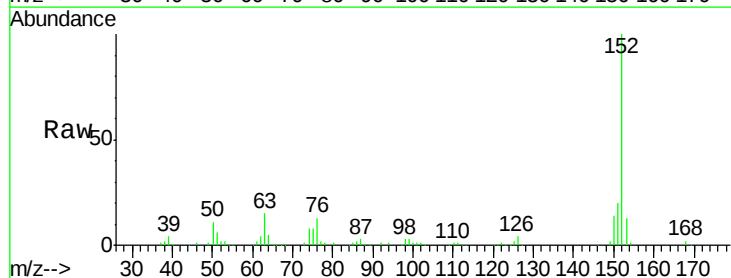
Instrument :
BNA_F
ClientSampleId :
PB85410BS

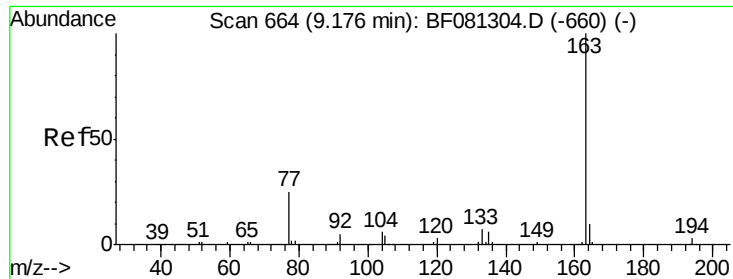
Tot Ion: 65 Resp: 98557
Ion Ratio Lower Upper
65 100
92 67.8 55.4 83.0
138 108.2 115.5 173.3#



#48
Acenaphthylene
Concen: 33.67 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion: 152 Resp: 371511
Ion Ratio Lower Upper
152 100
151 20.4 14.6 22.0
153 13.5 10.3 15.5

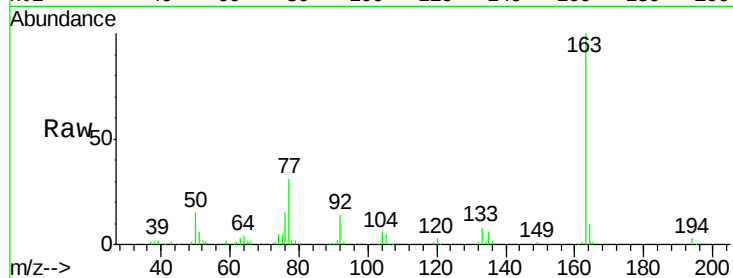




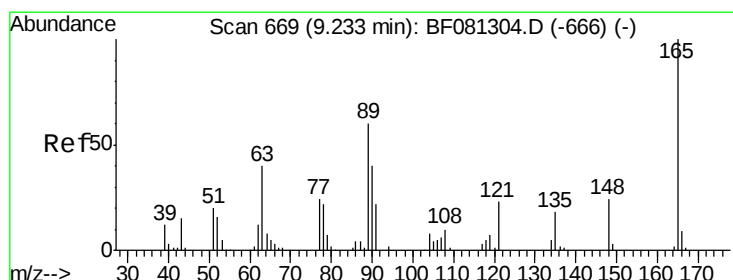
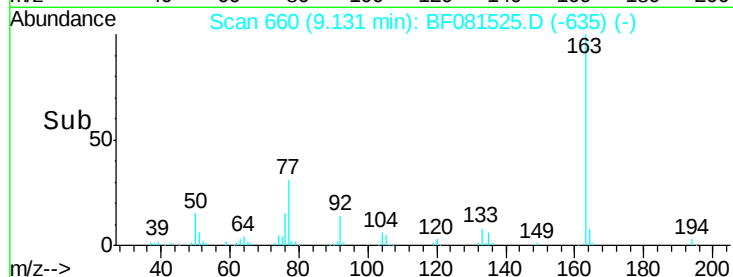
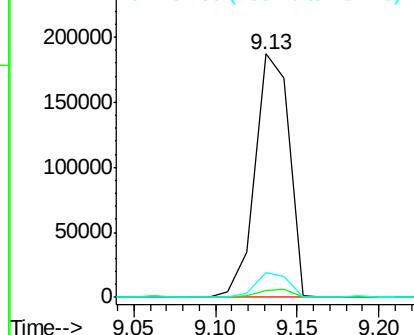
#49
Dimethylphthalate
Concen: 37.34 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tot Ion:163 Resp: 271619
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.3 8.3 12.5

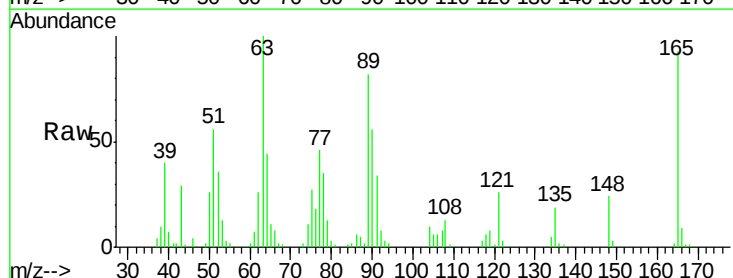


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

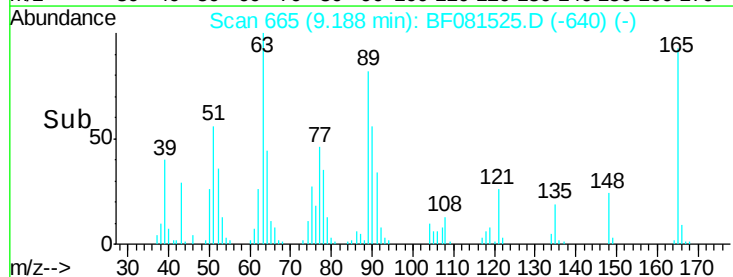
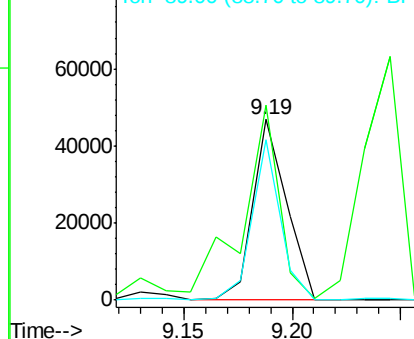


#50
2,6-Dinitrotoluene
Concen: 30.59 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion:165 Resp: 50505
Ion Ratio Lower Upper
165 100
63 107.6 32.3 48.5#
89 88.6 28.6 43.0#



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





#51

Acenaphthene

Concen: 34.58 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

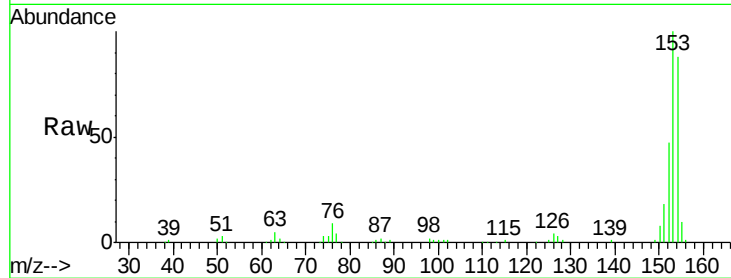
Tot Ion:154 Resp: 217079

Ion Ratio Lower Upper

154 100

153 113.4 82.1 123.1

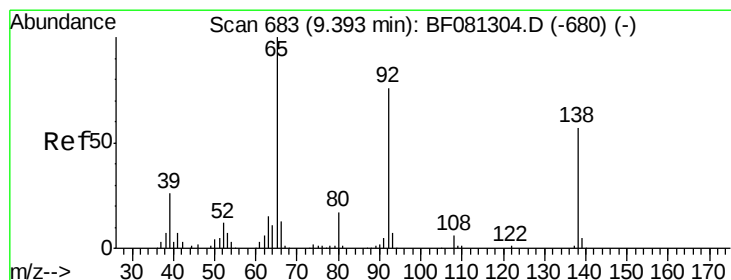
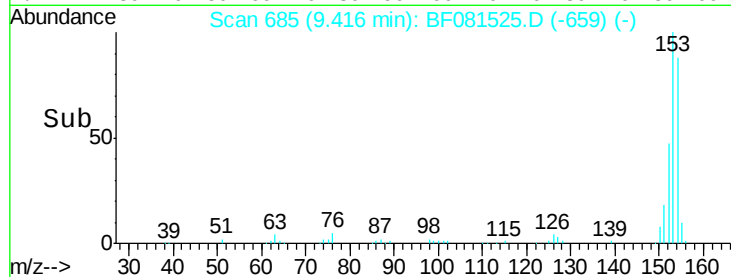
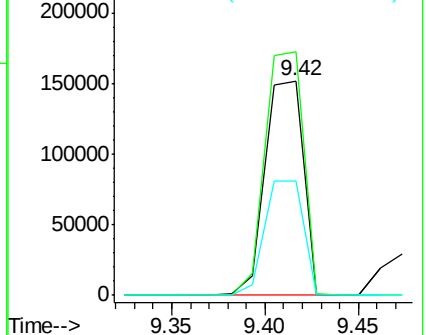
152 53.4 37.9 56.9



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: 22.59 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

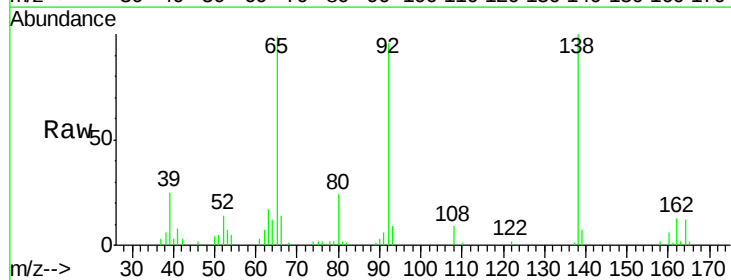
Tgt Ion:138 Resp: 42450

Ion Ratio Lower Upper

138 100

108 9.5 5.7 8.5#

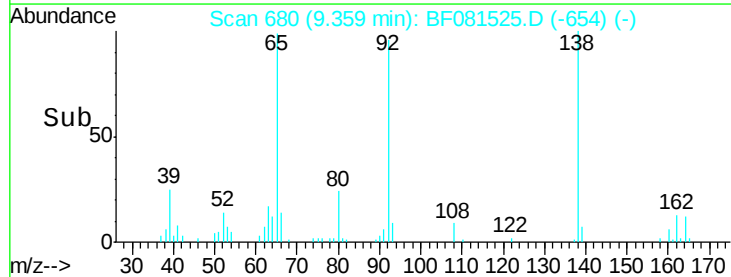
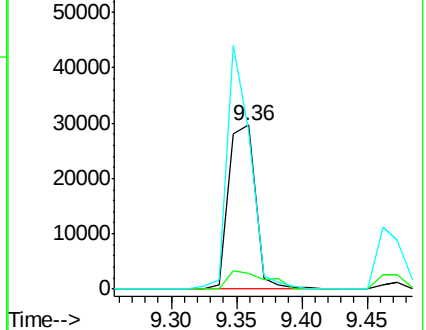
92 96.4 67.7 101.5

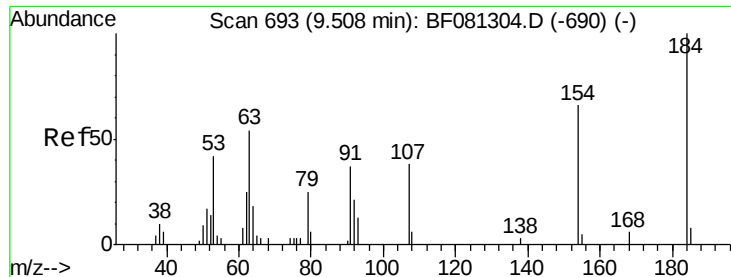


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

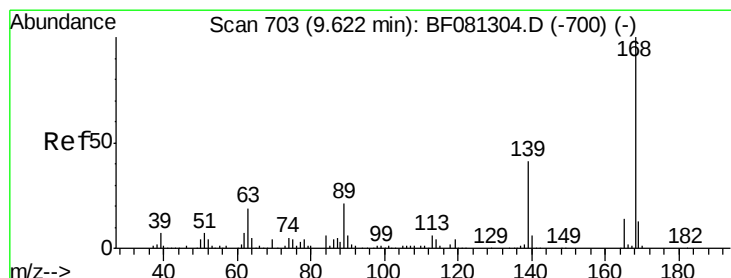
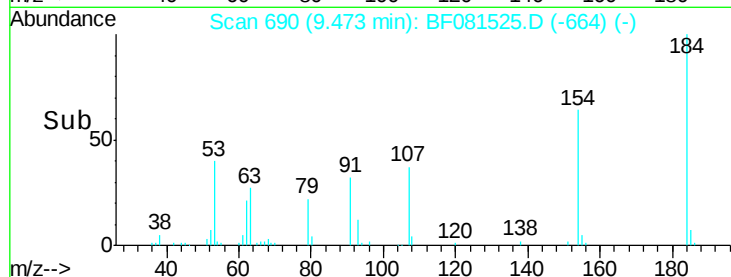
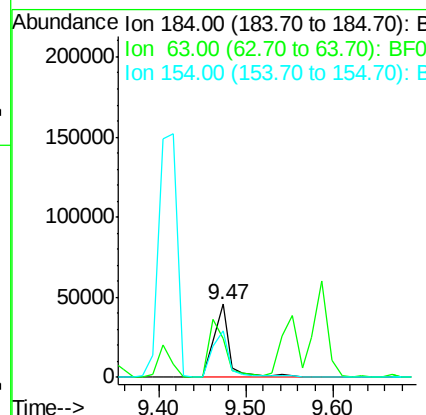
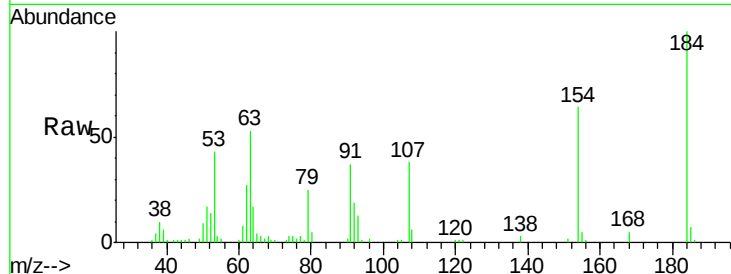




#53
 2,4-Dinitrophenol
 Concen: 83.97 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

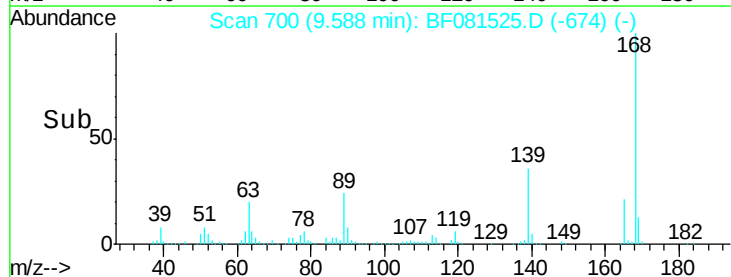
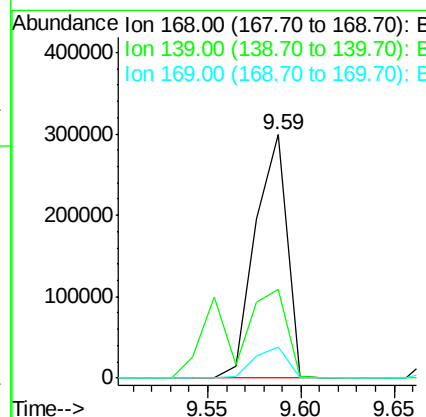
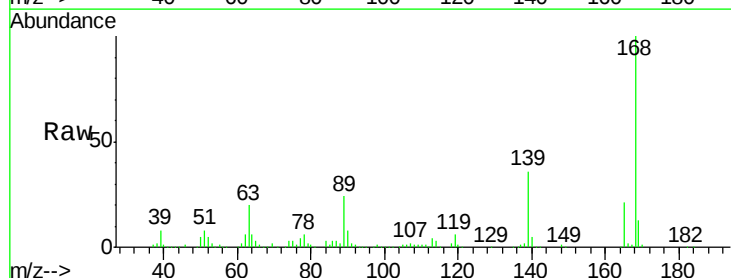
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion:184 Resp: 58384
 Ion Ratio Lower Upper
 184 100
 63 53.1 35.4 53.2
 154 64.5 32.2 48.4#



#54
 Dibenzofuran
 Concen: 38.25 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:168 Resp: 350625
 Ion Ratio Lower Upper
 168 100
 139 36.2 24.2 36.2
 169 12.7 10.6 15.8

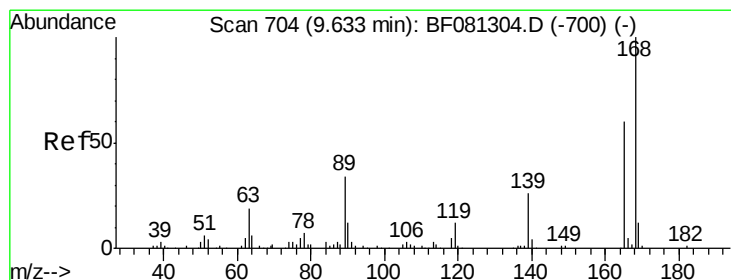
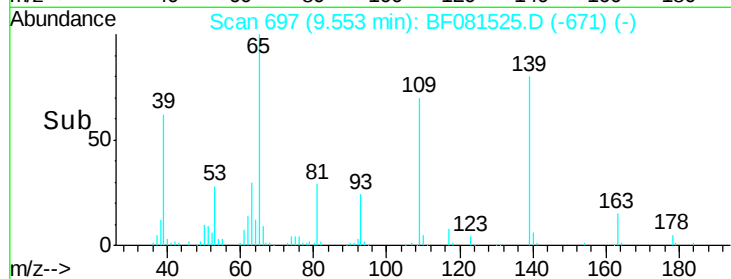
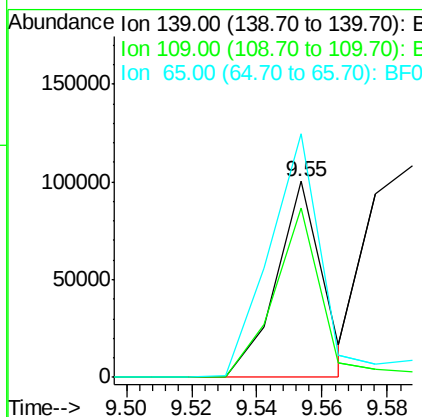
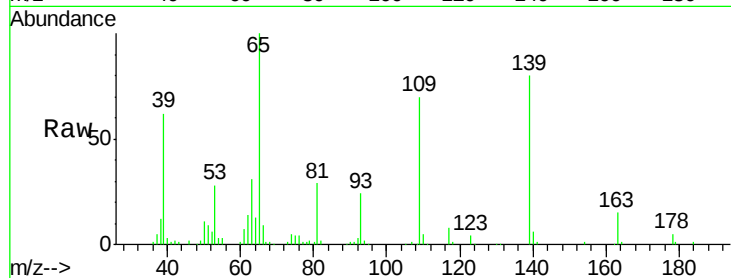




#55
4-Nitrophenol
Concen: 83.12 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

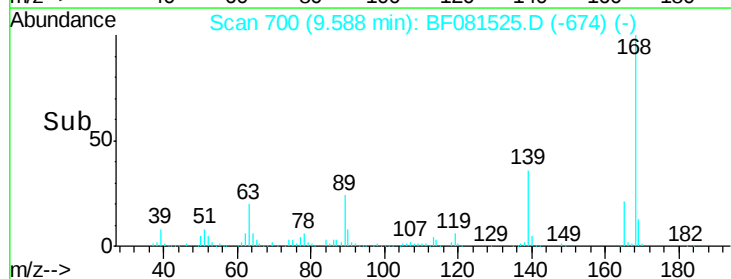
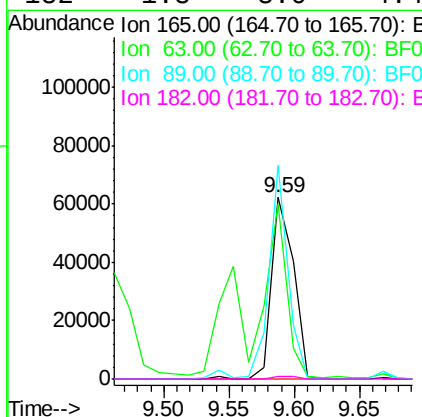
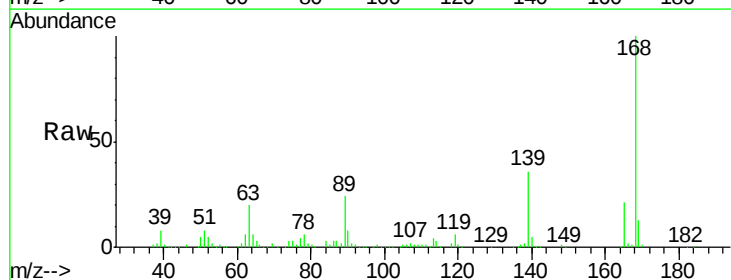
Instrument :
BNA_F
ClientSampleId :
PB85410BS

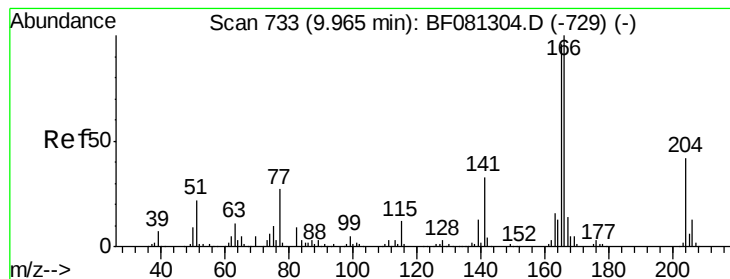
Tot Ion:139 Resp: 98145
Ion Ratio Lower Upper
139 100
109 86.7 12.7 52.7#
65 124.3 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 35.43 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion:165 Resp: 74480
Ion Ratio Lower Upper
165 100
63 96.3 29.8 44.6#
89 117.6 44.5 66.7#
182 1.8 3.0 4.4#





#57

Fluorene

Concen: 36.73 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

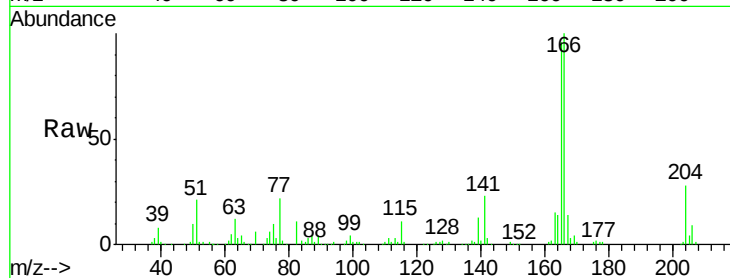
Tot Ion:166 Resp: 255489

Ion Ratio Lower Upper

166 100

165 95.7 72.6 109.0

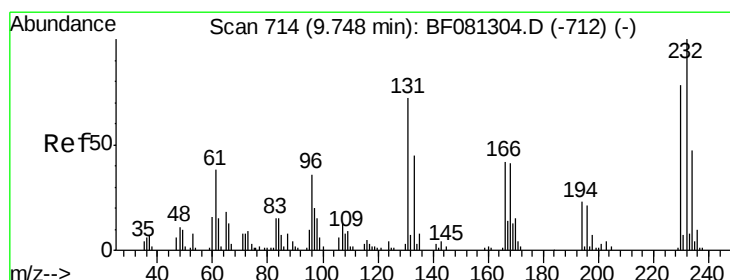
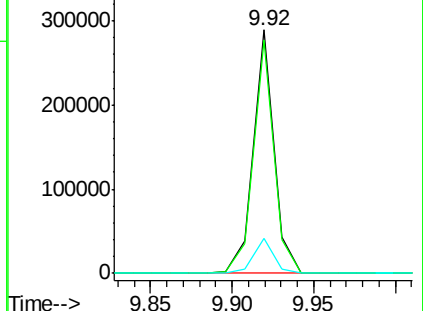
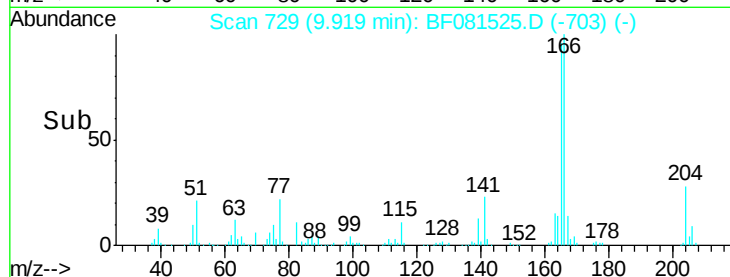
167 14.3 10.6 16.0



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: 43.29 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Tgt Ion:232 Resp: 68898

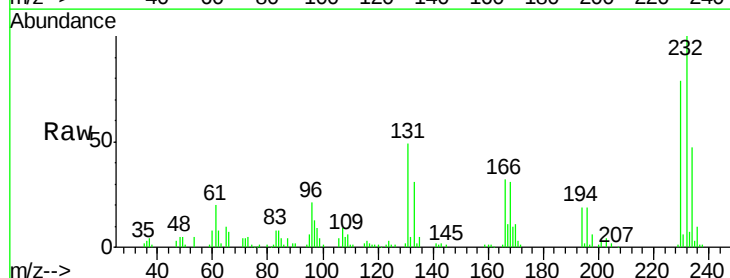
Ion Ratio Lower Upper

232 100

131 53.5 38.5 57.7

130 2.3 1.8 2.6

166 32.5 25.0 37.6

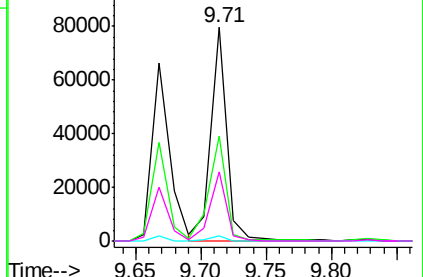
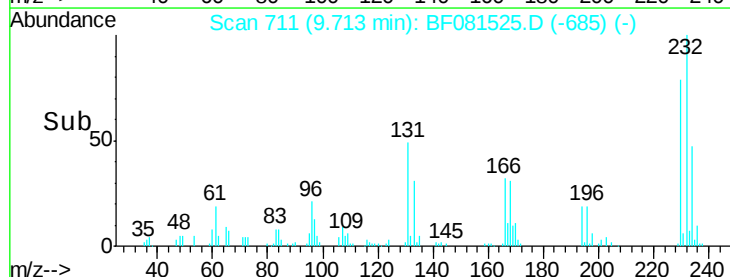


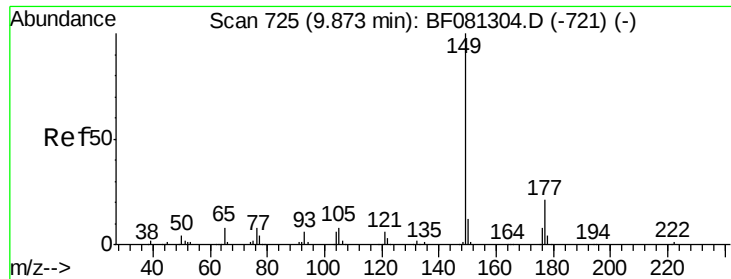
Abundance Ion 232.00 (231.70 to 232.70): E

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

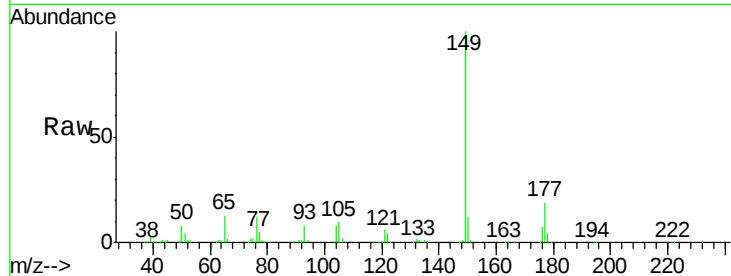




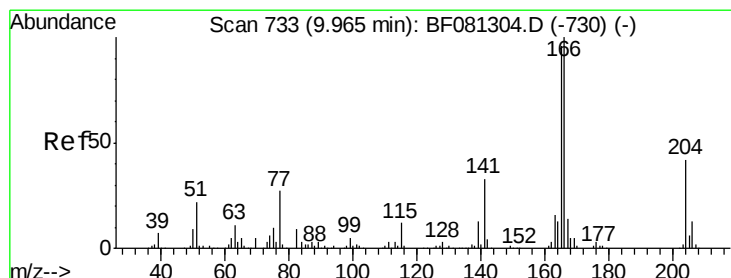
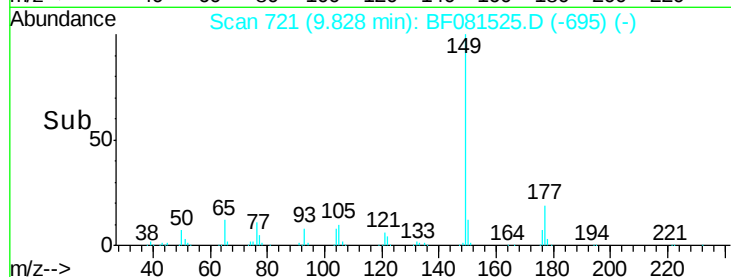
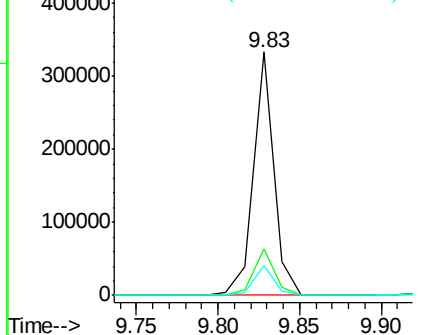
#59
Diethylphthalate
Concen: 37.83 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tot Ion:149 Resp: 289433
Ion Ratio Lower Upper
149 100
177 19.0 17.5 26.3
150 12.5 9.4 14.2

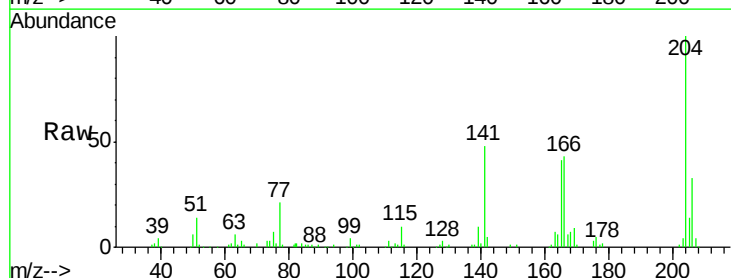


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

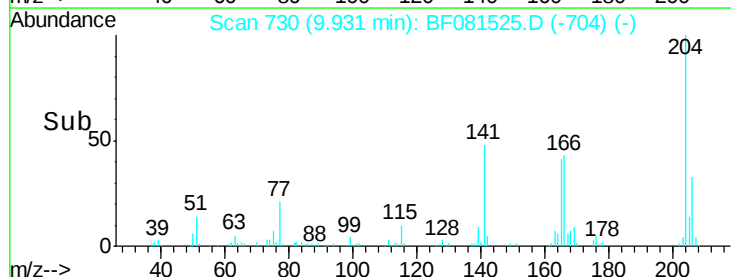
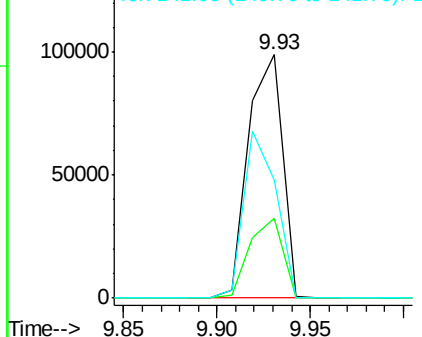


#60
4-Chlorophenyl-phenylether
Concen: 38.74 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion:204 Resp: 125591
Ion Ratio Lower Upper
204 100
206 32.8 24.8 37.2
141 48.4 42.2 63.4



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

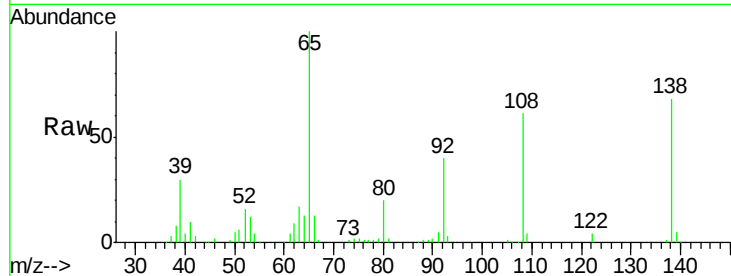




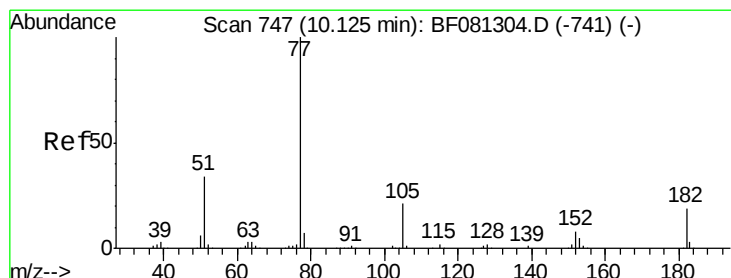
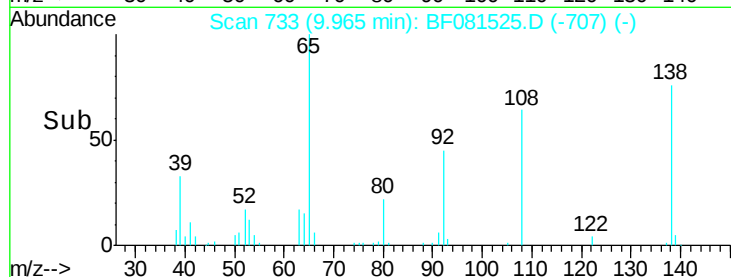
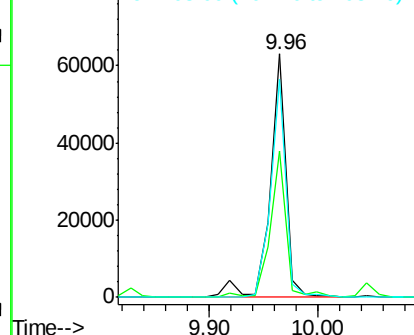
#61
4-Nitroaniline
Concen: 34.38 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tot Ion:138 Resp: 65274
Ion Ratio Lower Upper
138 100
92 59.9 12.6 52.6#
108 89.8 12.4 52.4#

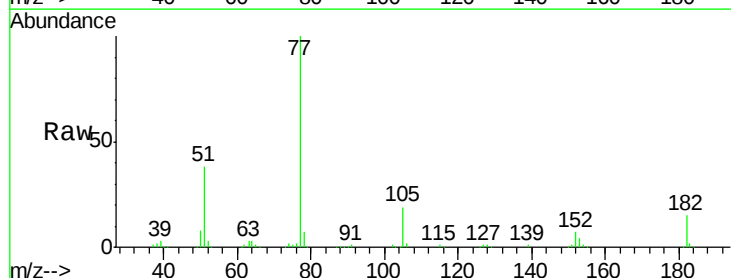


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

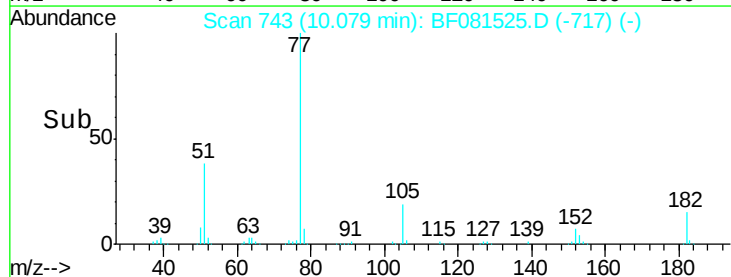
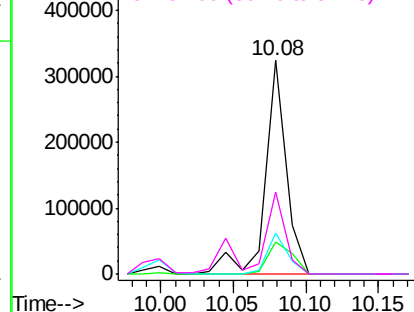


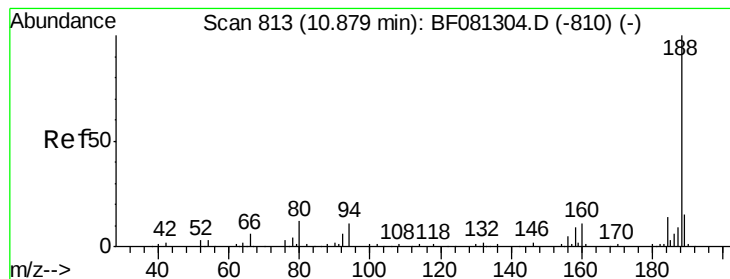
#62
Azobenzene
Concen: 38.36 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion: 77 Resp: 326269
Ion Ratio Lower Upper
77 100
182 15.2 15.1 55.1
105 19.2 3.4 43.4
51 38.3 12.0 52.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

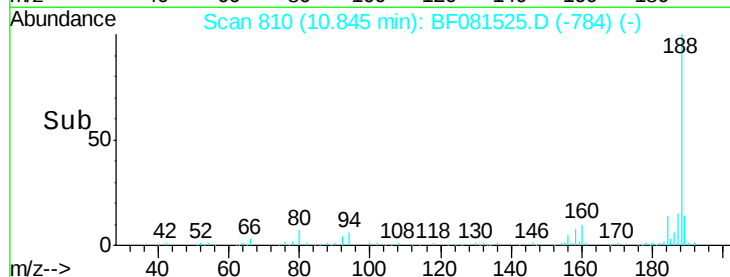
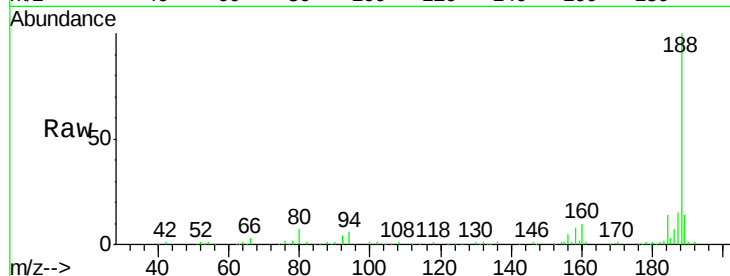
Tot Ion:188 Resp: 198990

Ion Ratio Lower Upper

188 100

94 6.5 11.1 16.7#

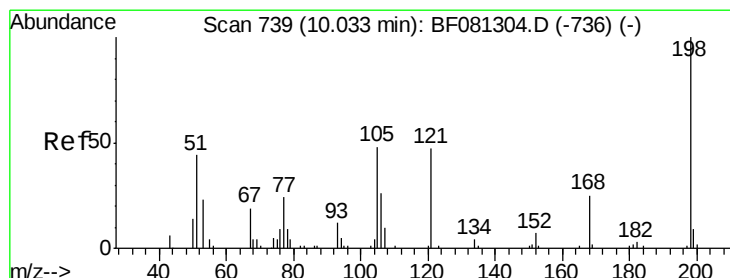
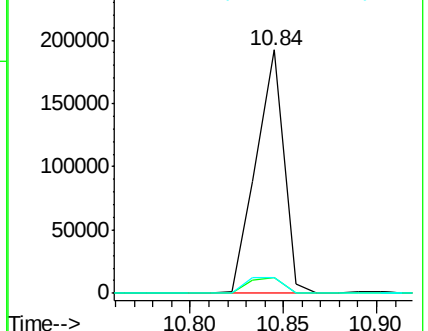
80 6.6 11.0 16.4#



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: 37.77 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

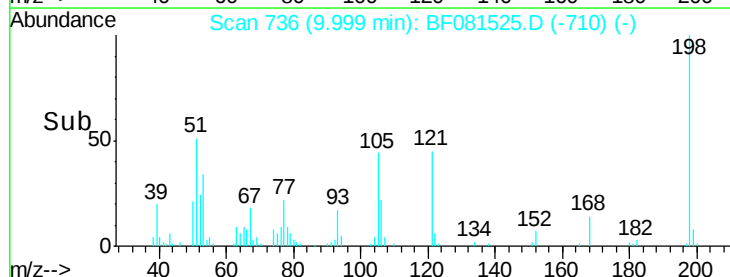
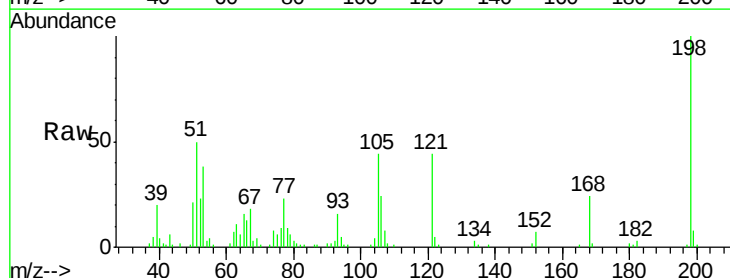
Tgt Ion:198 Resp: 42035

Ion Ratio Lower Upper

198 100

51 50.3 39.6 79.6

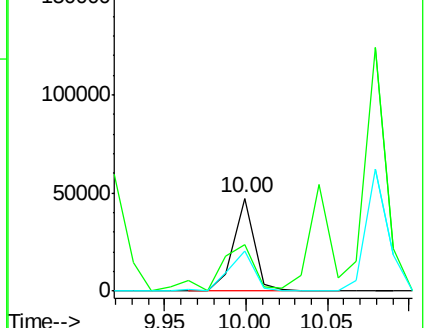
105 43.8 28.5 68.5

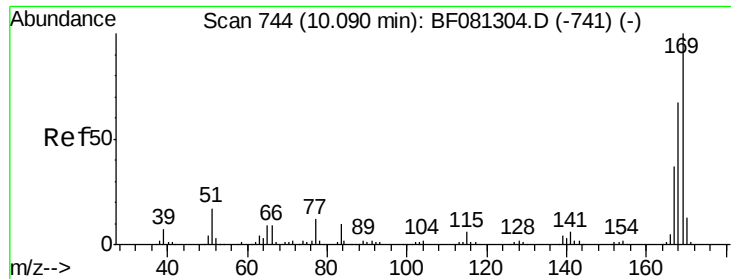


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

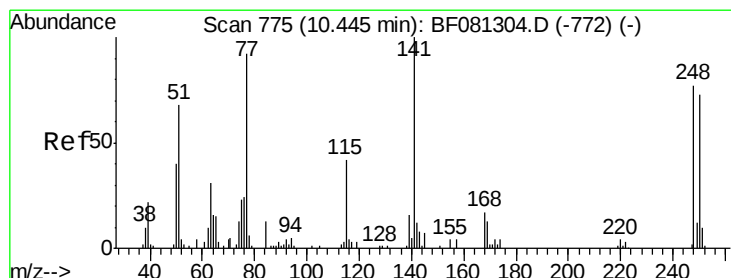
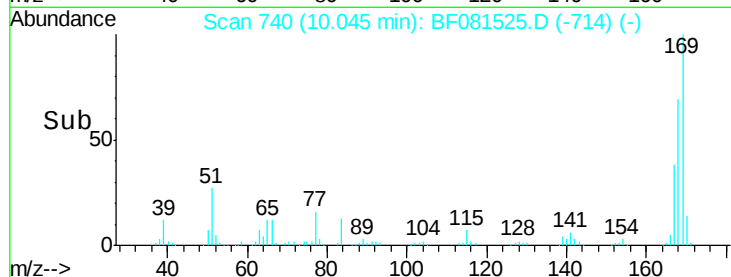
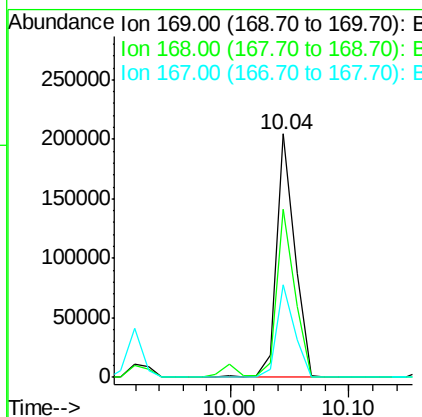
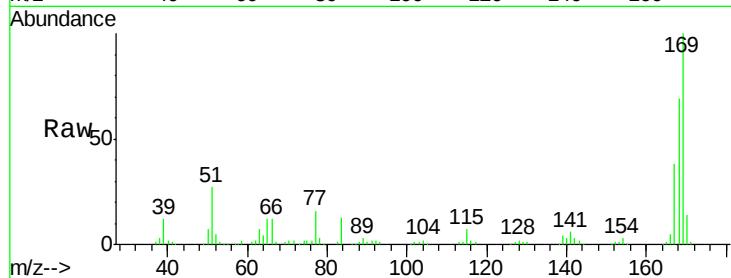




#65
 n-Nitrosodiphenylamine
 Concen: 29.81 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

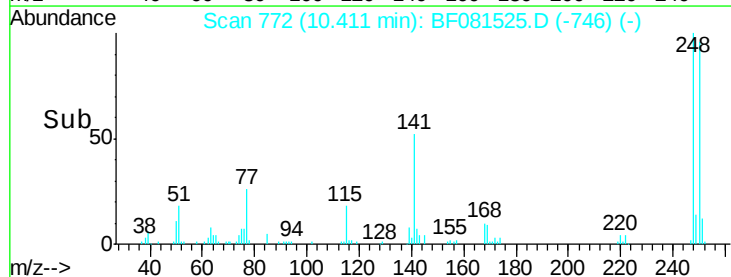
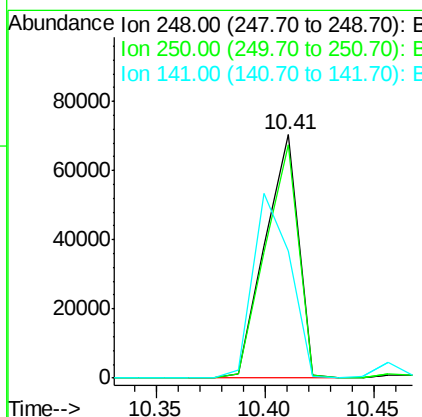
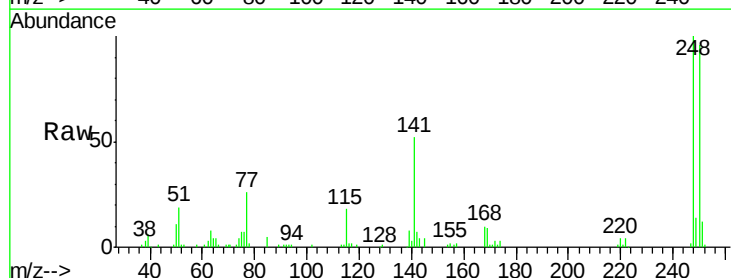
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion:169 Resp: 215876
 Ion Ratio Lower Upper
 169 100
 168 69.1 48.9 73.3
 167 37.9 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 37.75 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:248 Resp: 75954
 Ion Ratio Lower Upper
 248 100
 250 95.8 78.5 117.7
 141 52.4 59.0 88.6#

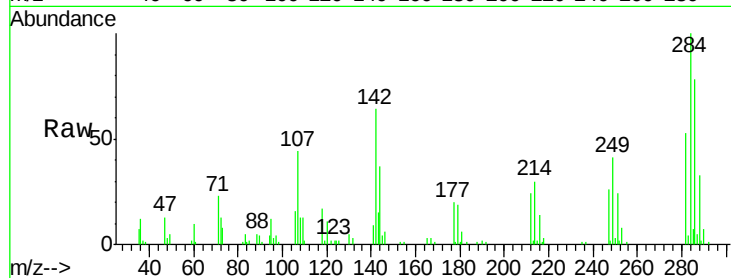




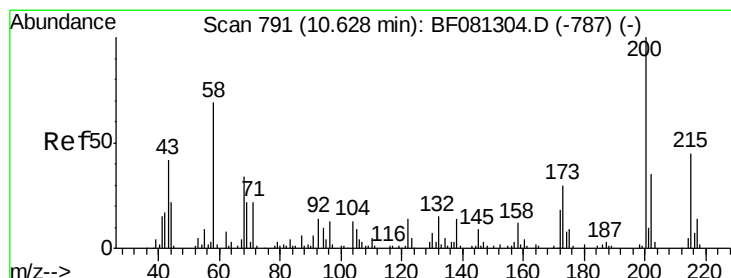
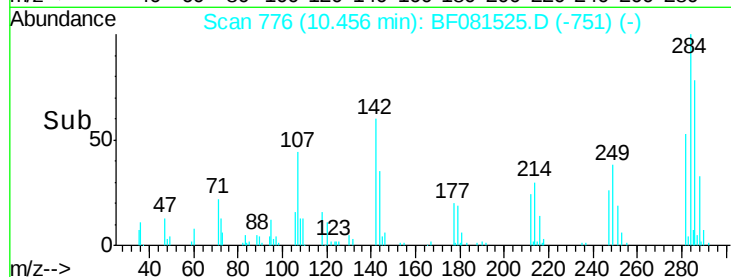
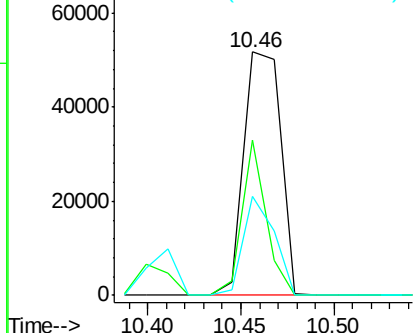
#67
Hexachlorobenzene
Concen: 34.19 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tot Ion:284 Resp: 71921
Ion Ratio Lower Upper
284 100
142 63.6 29.5 44.3#
249 40.6 19.5 29.3#

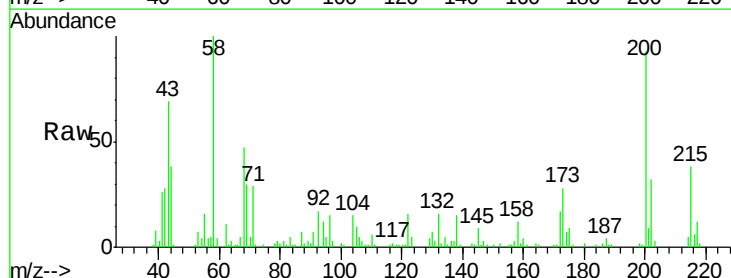


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

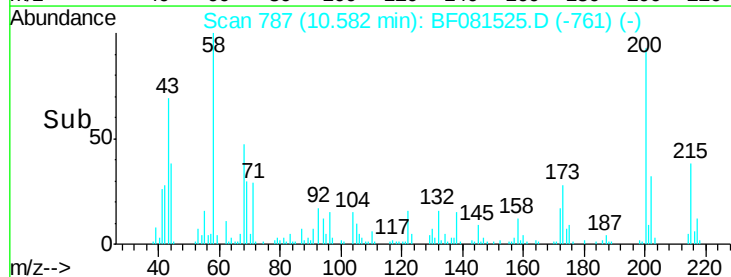
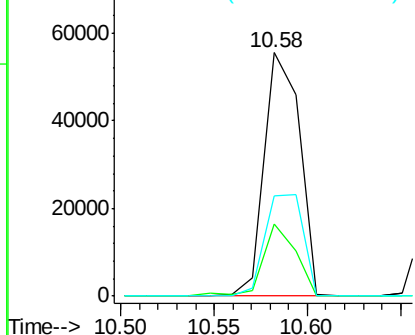


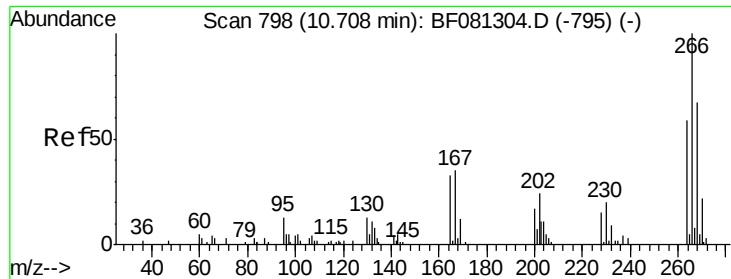
#68
Atrazine
Concen: 34.86 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion:200 Resp: 73049
Ion Ratio Lower Upper
200 100
173 29.7 13.2 53.2
215 41.1 41.8 81.8#



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

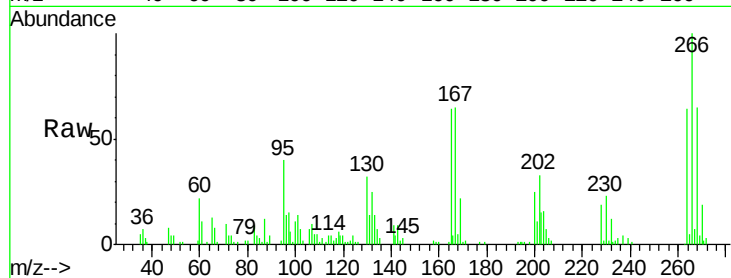




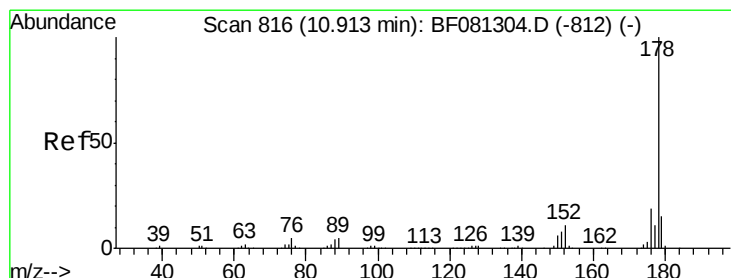
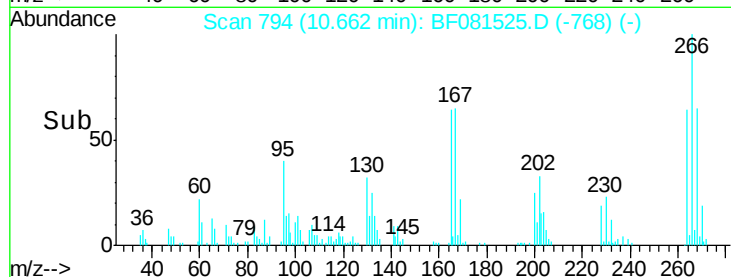
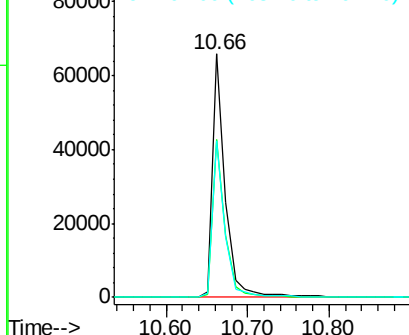
#69
 Pentachlorophenol
 Concen: 71.56 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion:266 Resp: 72233
 Ion Ratio Lower Upper
 266 100
 268 64.8 49.8 74.6
 264 64.1 50.2 75.2

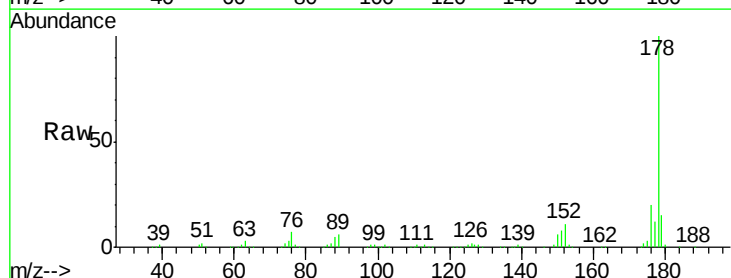


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

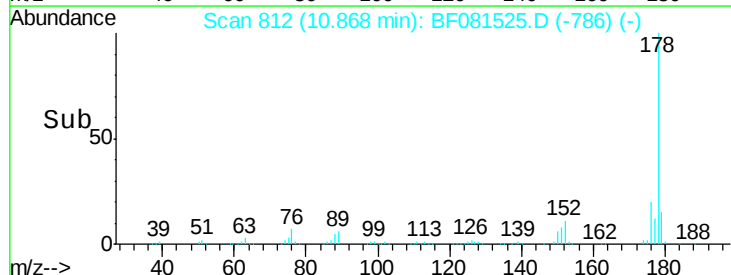
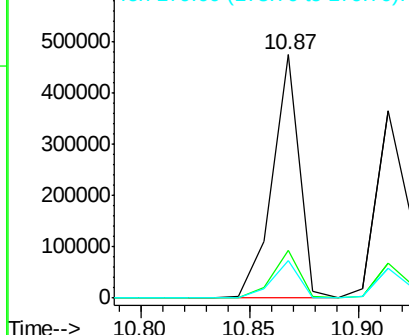


#70
 Phenanthrene
 Concen: 37.48 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:178 Resp: 414580
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 15.3 12.2 18.2



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

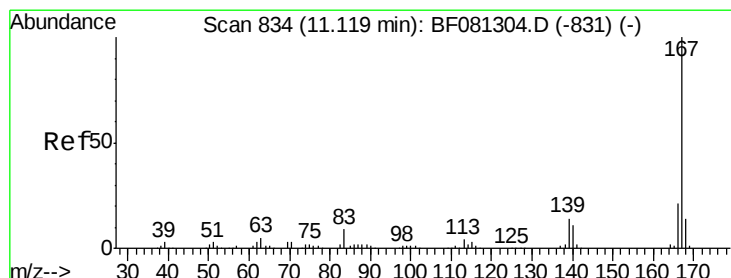
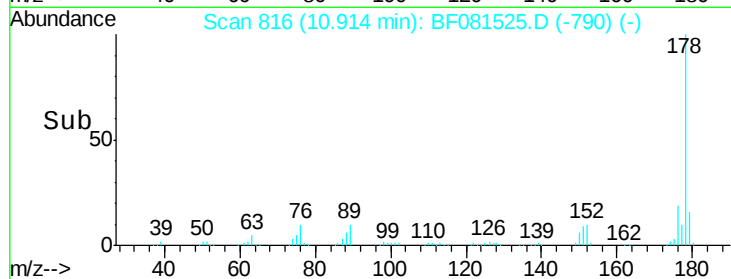
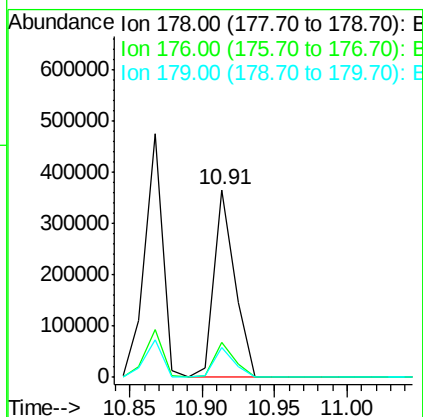
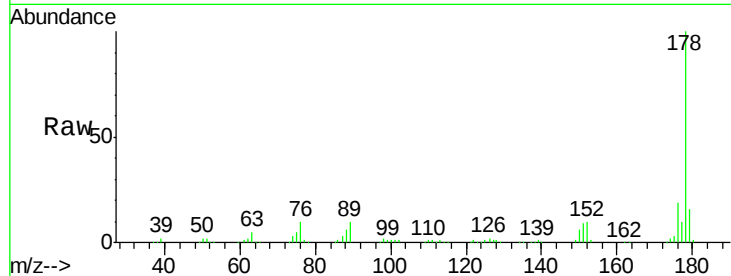




#71
 Anthracene
 Concen: 32.11 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

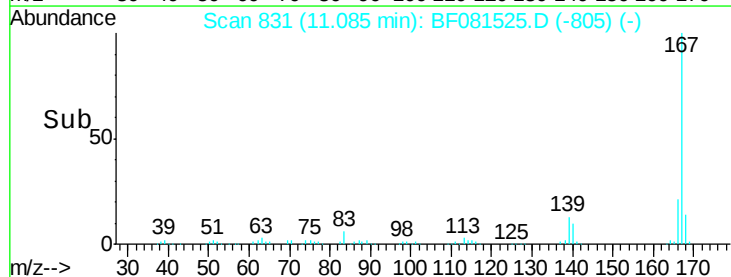
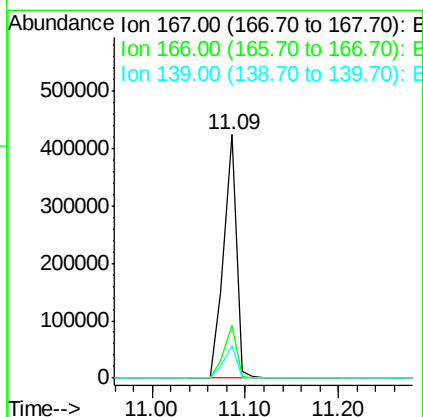
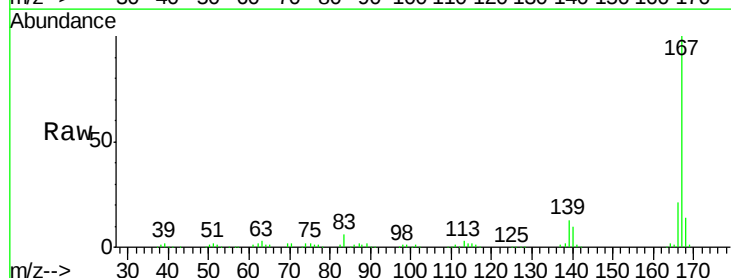
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

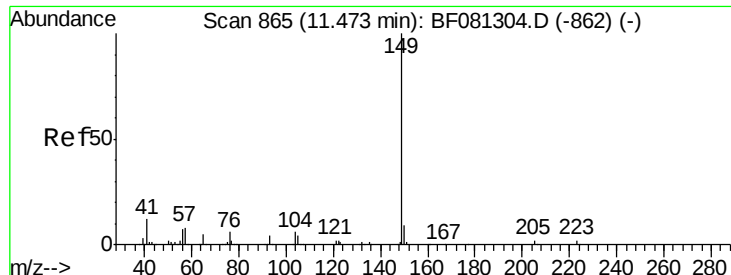
Tot Ion:178 Resp: 364999
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.1 21.1
 179 15.8 12.2 18.2



#72
 Carbazole
 Concen: 38.08 ng
 RT: 11.09 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:167 Resp: 406190
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 13.2 9.5 14.3





#73

Di-n-butylphthalate

Concen: 39.94 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

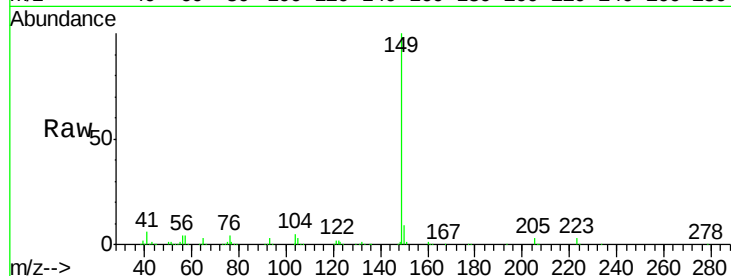
Tot Ion:149 Resp: 503042

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

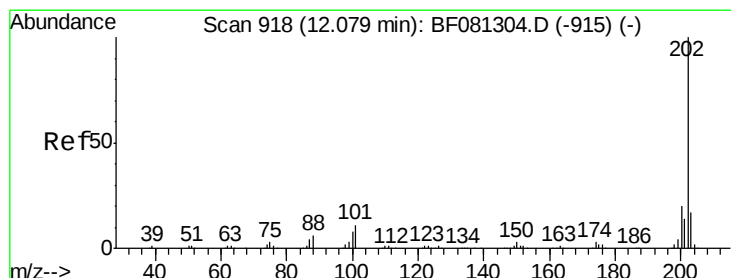
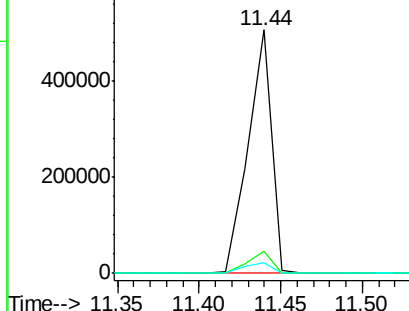
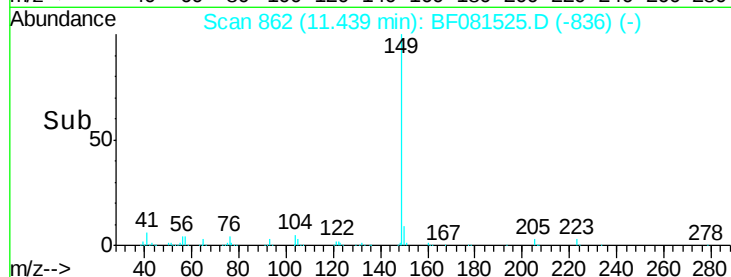
104 4.5 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.73 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

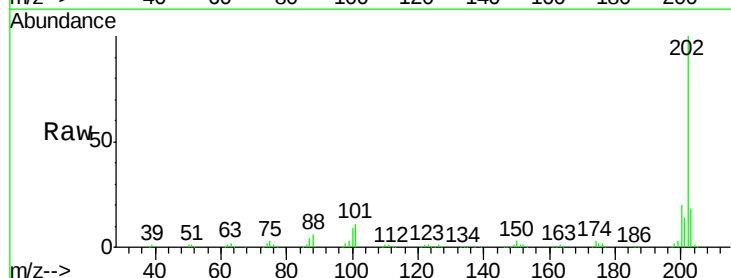
Tgt Ion:202 Resp: 403985

Ion Ratio Lower Upper

202 100

101 11.1 0.0 38.3

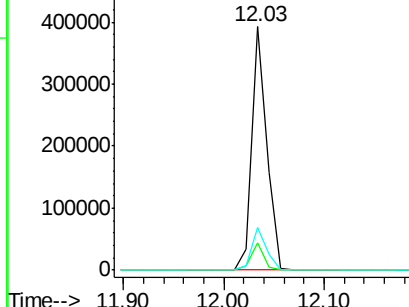
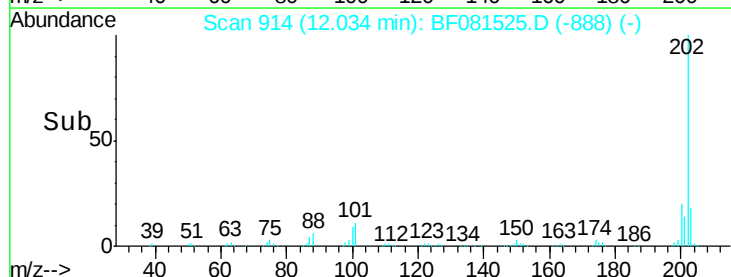
203 17.6 0.0 37.3

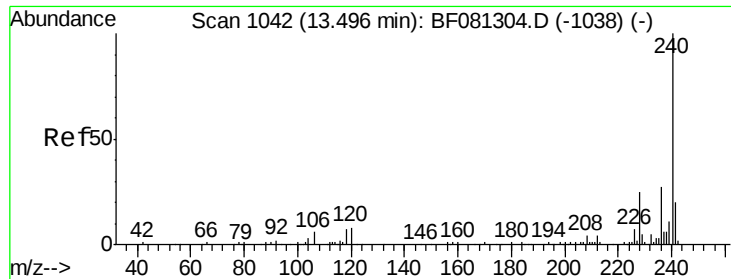


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

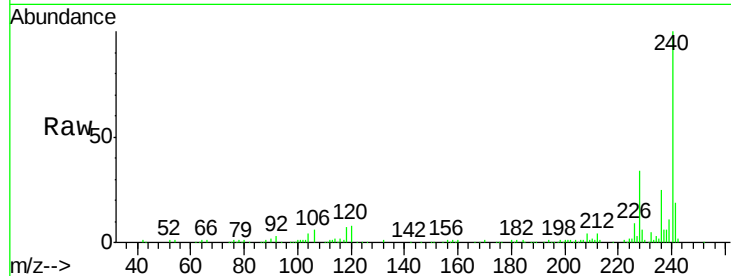
Tot Ion:240 Resp: 160512

Ion Ratio Lower Upper

240 100

120 7.9 16.2 24.2#

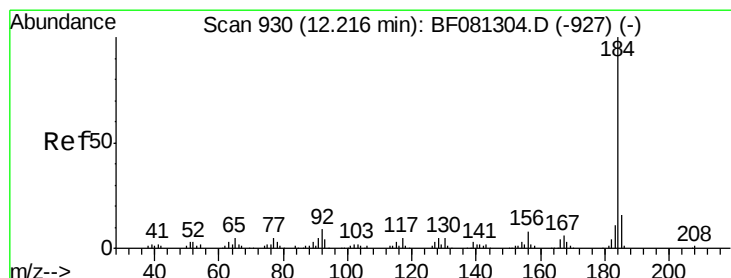
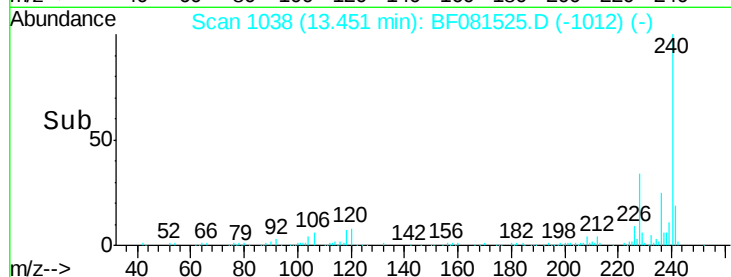
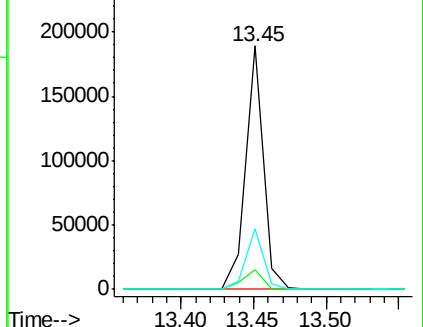
236 25.1 18.4 27.6



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: 30.24 ng

RT: 12.18 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

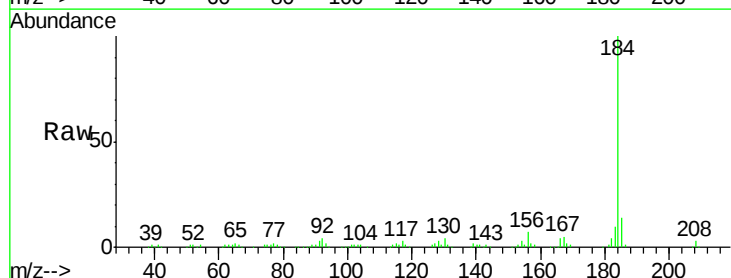
Tgt Ion:184 Resp: 208401

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

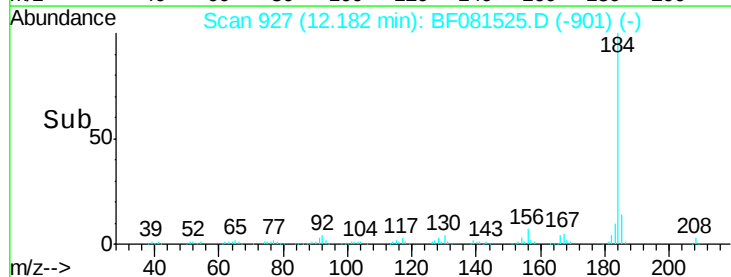
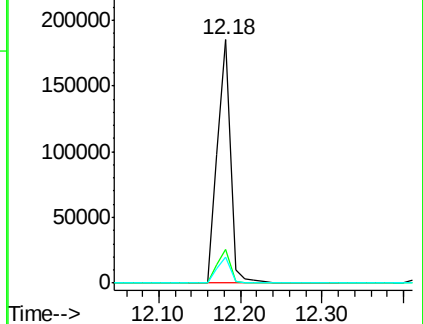
183 10.5 7.6 11.4

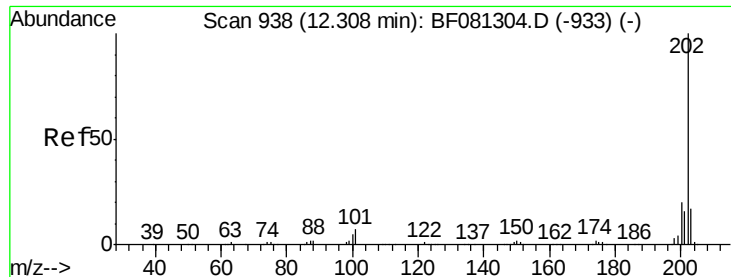


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

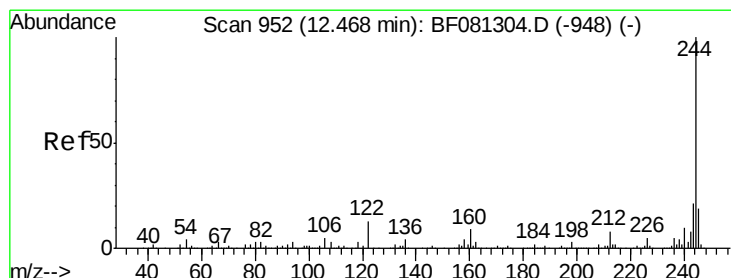
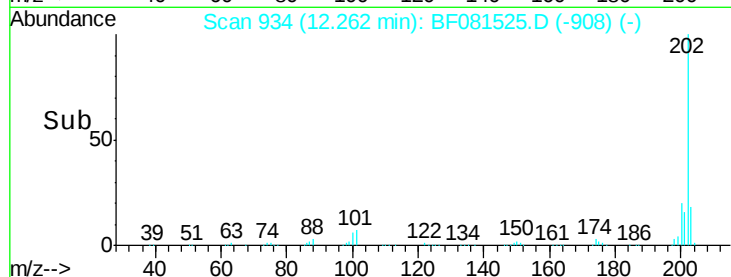
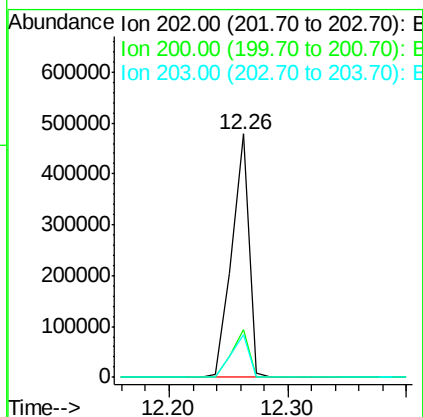
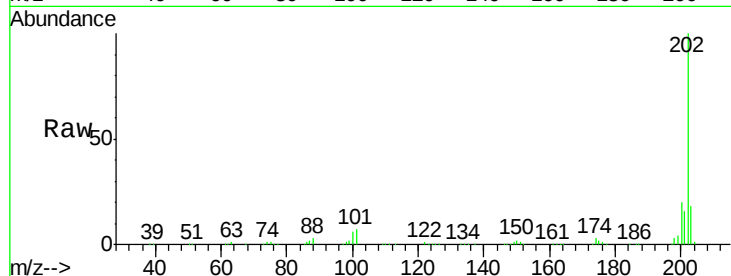




#77
 Pvrene
 Concen: 40.32 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

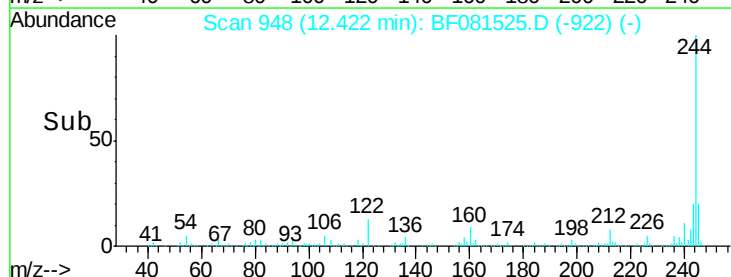
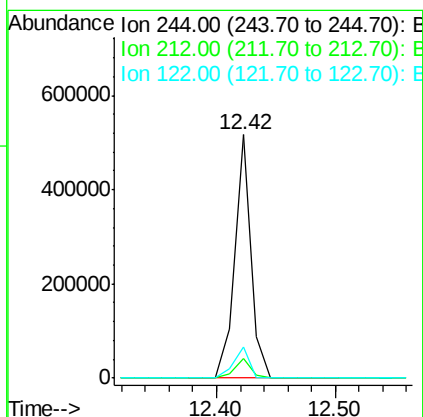
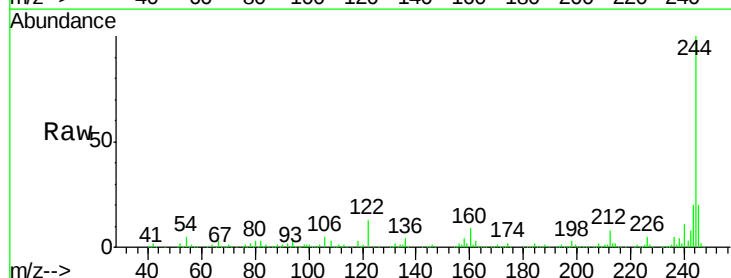
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

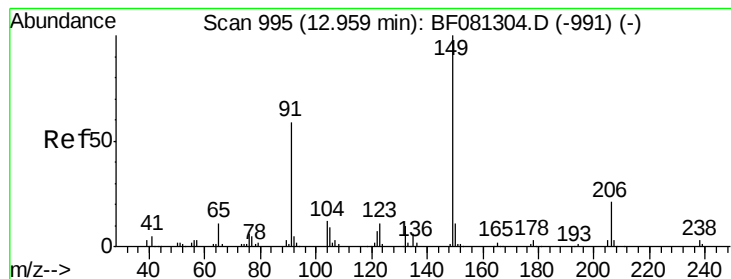
Tot Ion:202 Resp: 479340
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.0 22.4
 203 17.5 14.1 21.1



#78
 Terphenyl-d14
 Concen: 70.71 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:244 Resp: 487596
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 13.0 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 38.73 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleID :

PB85410BS

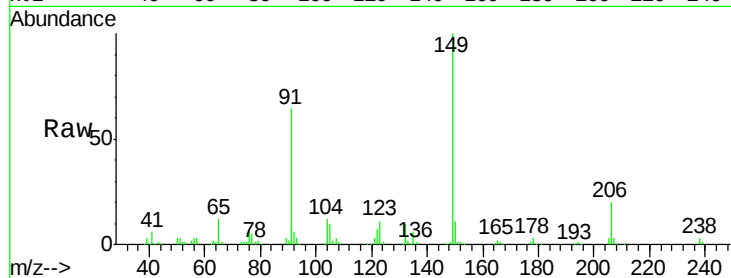
Tot Ion:149 Resp: 200278

Ion Ratio Lower Upper

149 100

91 64.2 48.6 72.8

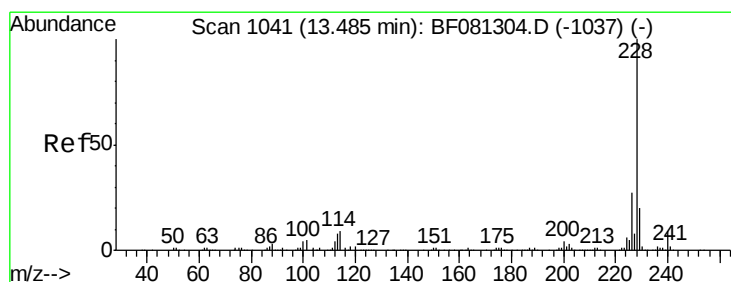
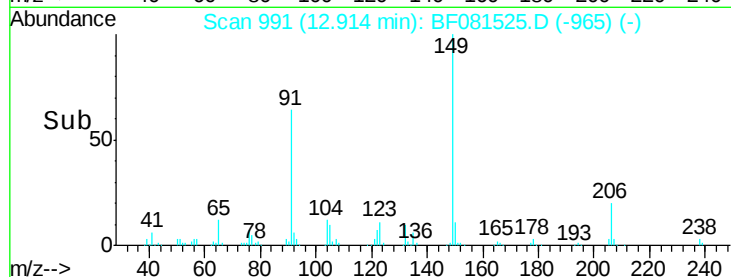
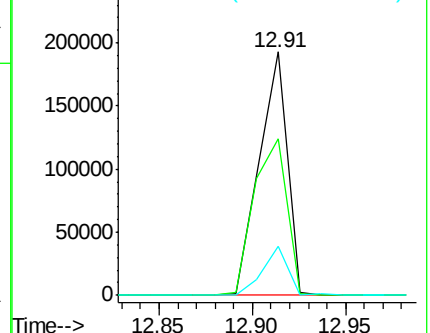
206 20.3 14.9 22.3



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: 36.75 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

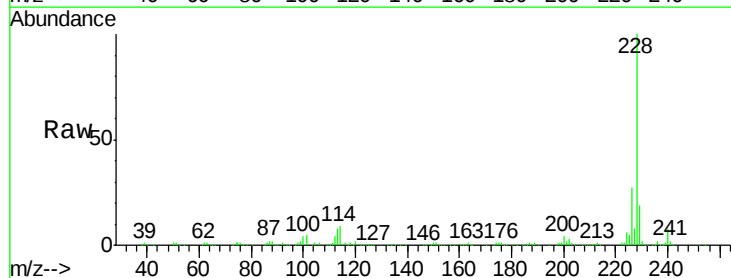
Tgt Ion:228 Resp: 375629

Ion Ratio Lower Upper

228 100

226 27.0 20.0 30.0

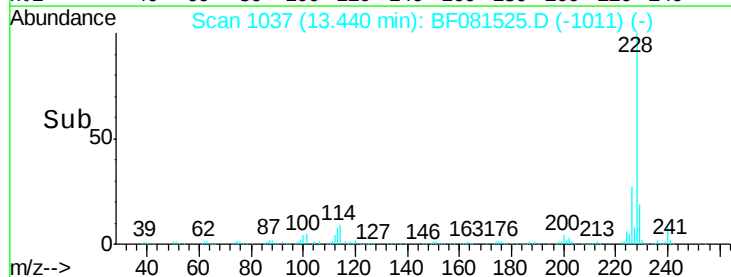
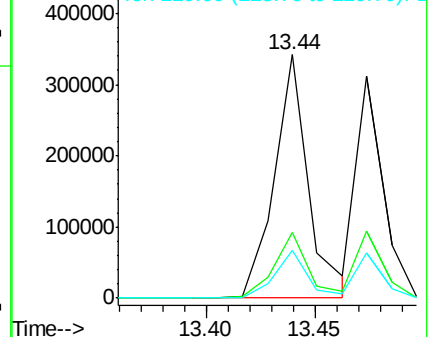
229 19.5 15.4 23.2



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

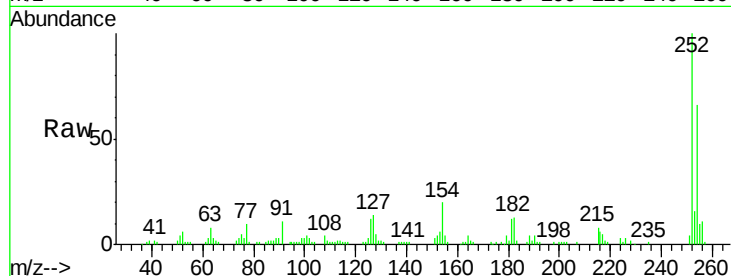




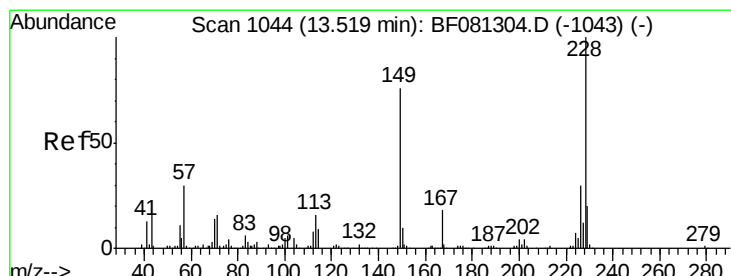
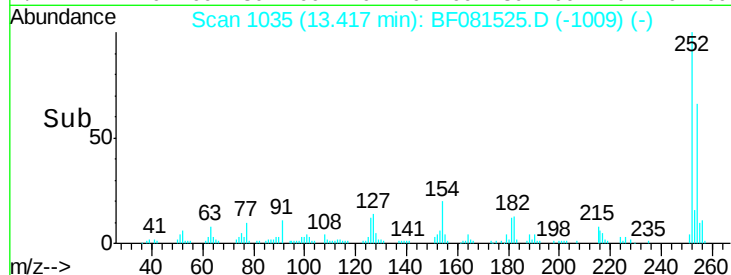
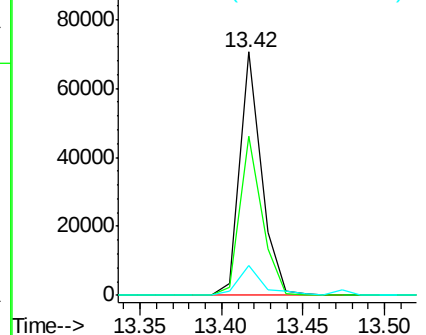
#81
 3,3'-Dichlorobenzidine
 Concen: 18.67 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion:252 Resp: 64380
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.4 77.2
 126 12.4 16.4 24.6#

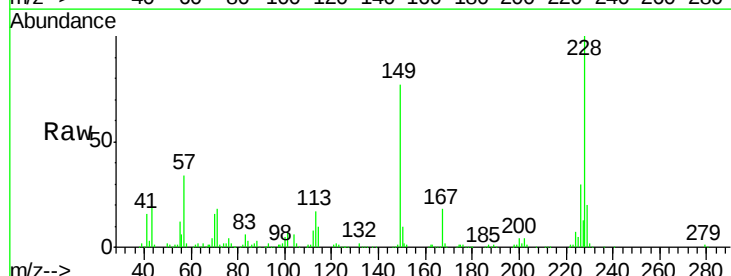


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

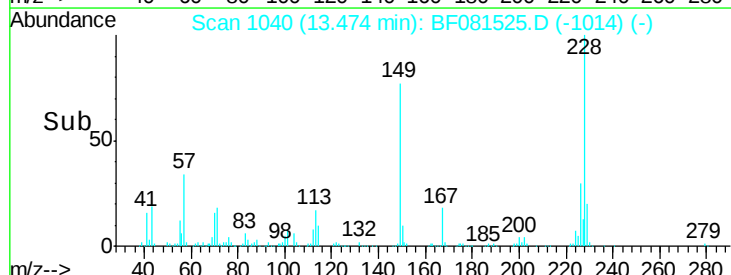
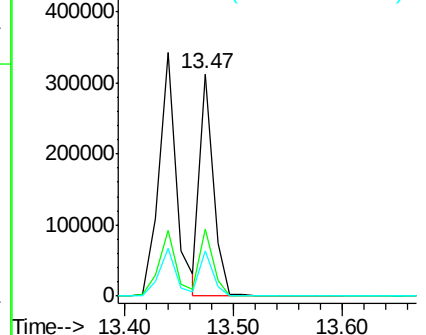


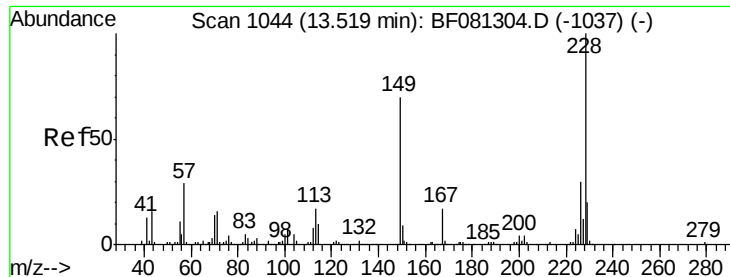
#82
 Chrysene
 Concen: 29.54 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:228 Resp: 270670
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.0 31.4
 229 20.1 15.6 23.4



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

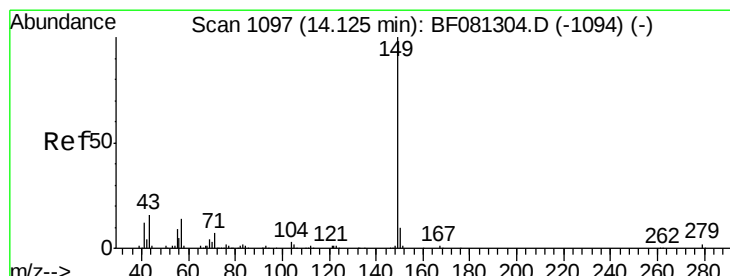
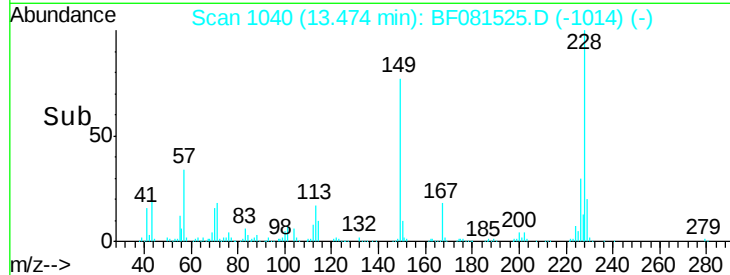
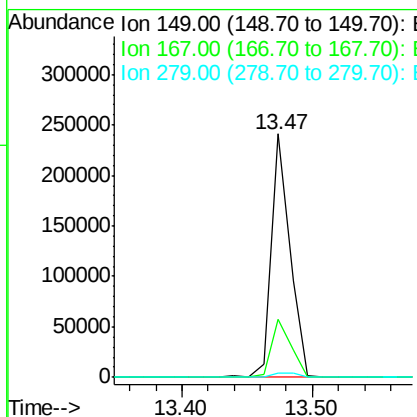
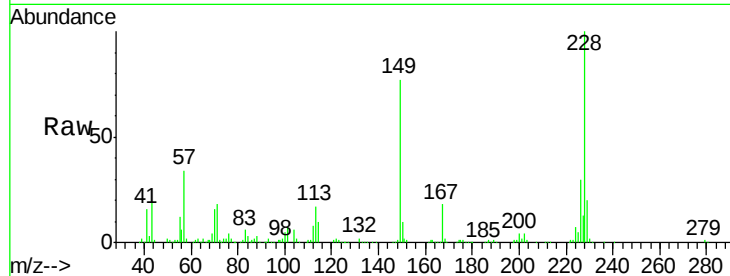




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.44 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

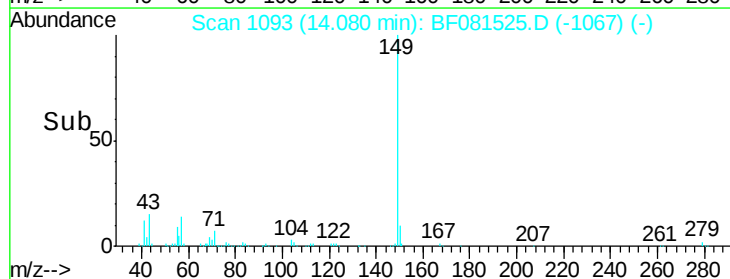
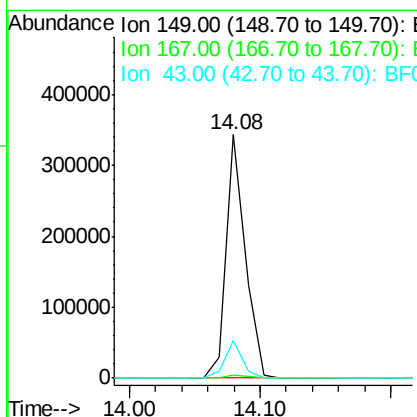
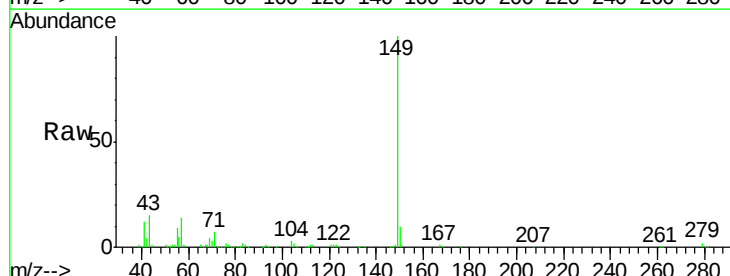
Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

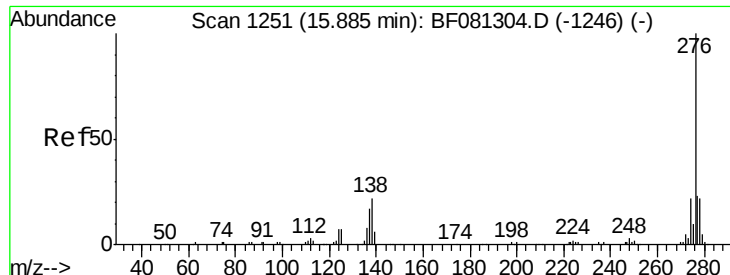
Tot Ion:149 Resp: 241868
 Ion Ratio Lower Upper
 149 100
 167 23.8 24.2 36.2#
 279 1.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 31.22 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Tgt Ion:149 Resp: 350777
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.4 10.2 15.2

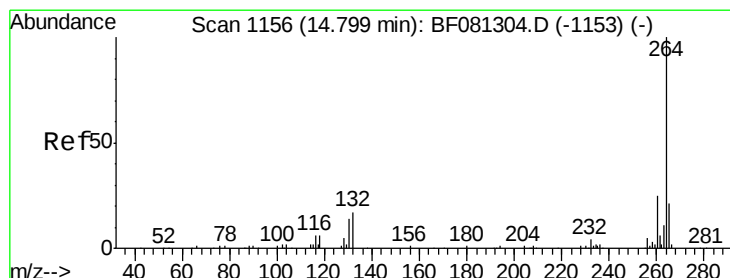
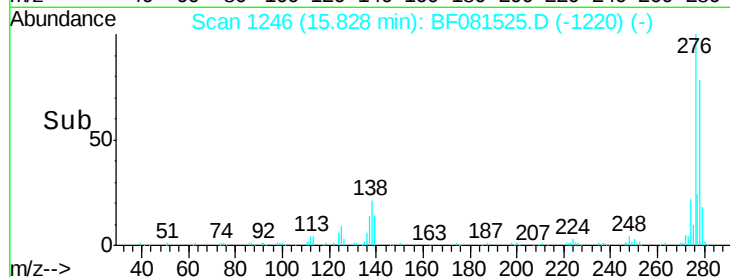
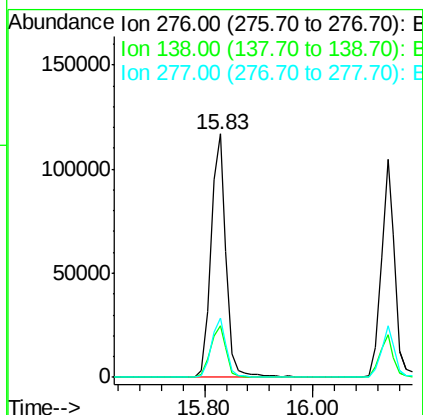
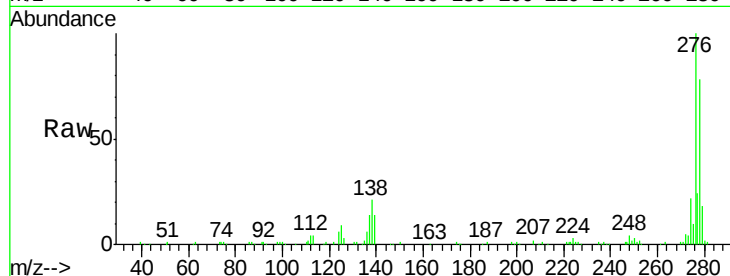




#85
Indeno(1,2,3-cd)pyrene
Concen: 33.86 ng
RT: 15.83 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

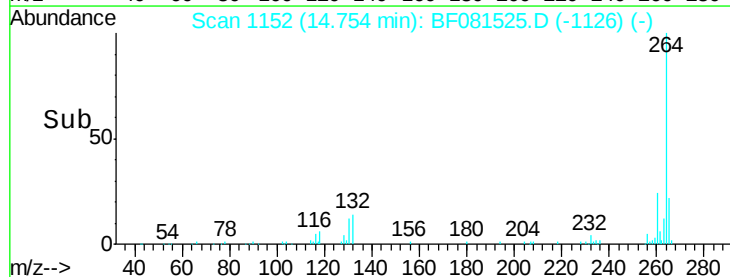
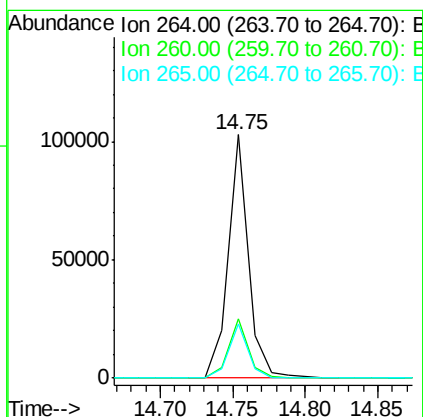
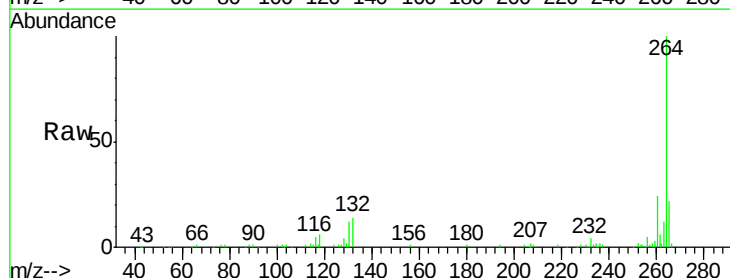
Instrument :
BNA_F
ClientSampleId :
PB85410BS

Tot Ion:276 Resp: 227602
Ion Ratio Lower Upper
276 100
138 21.8 25.7 38.5#
277 24.0 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion:264 Resp: 99246
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 22.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 74.74 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.02 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB85410BS

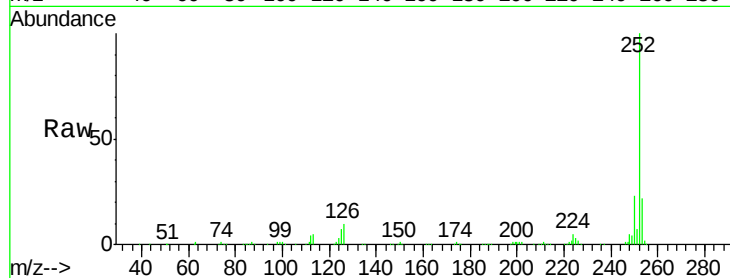
Tot Ion:252 Resp: 529602

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

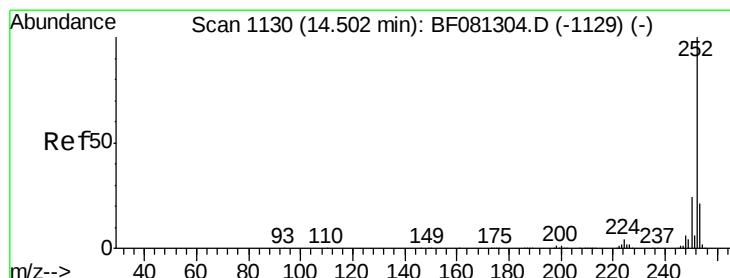
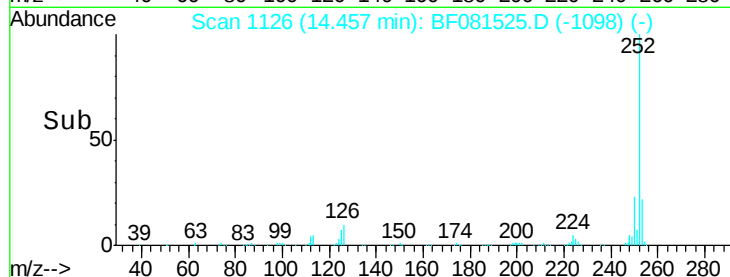
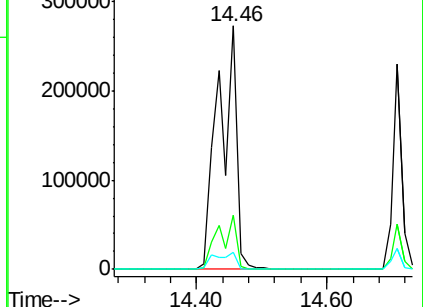
125 6.8 17.1 25.7#



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: 90.08 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF081525.D

Acq: 8 Sep 2015 16:34

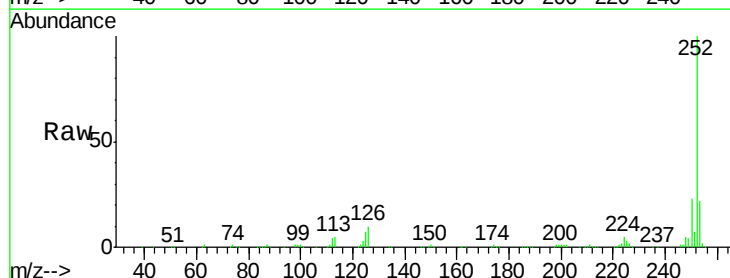
Tgt Ion:252 Resp: 529602

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

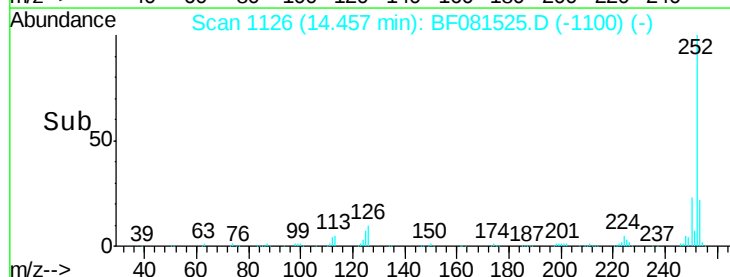
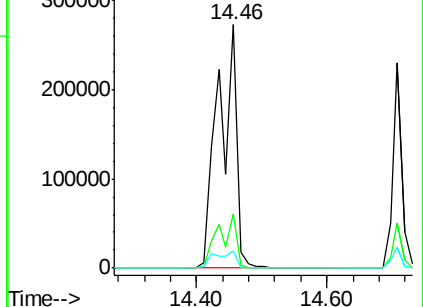
125 6.8 16.0 24.0#

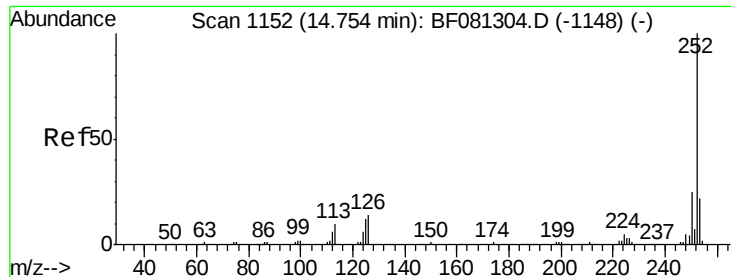


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

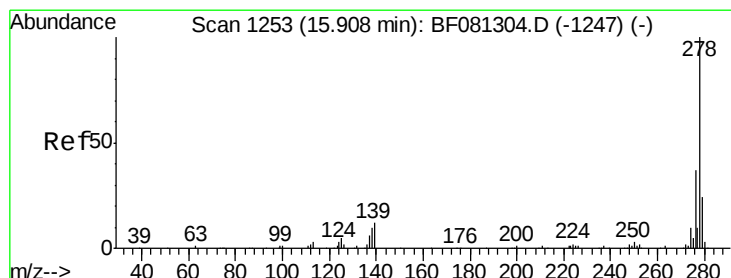
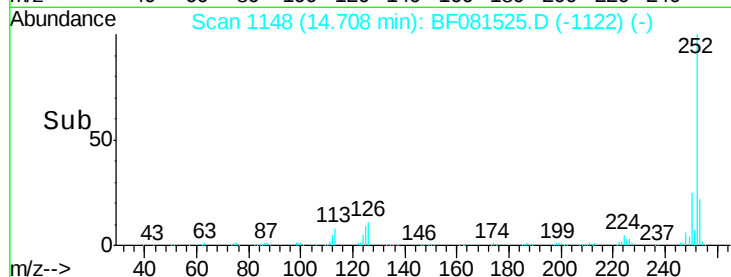
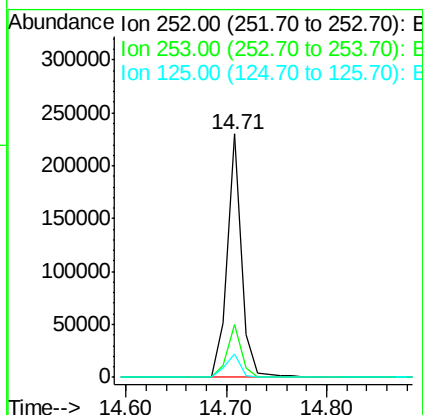
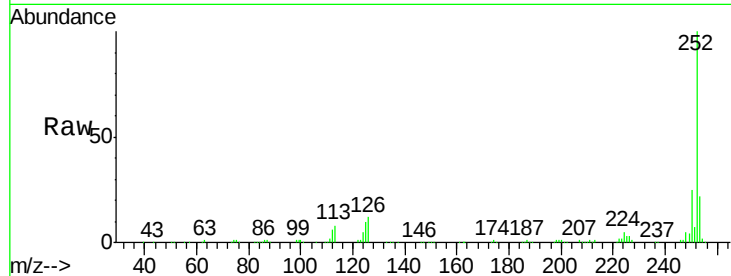




#89
Benzo(a)pyrene
Concen: 38.18 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

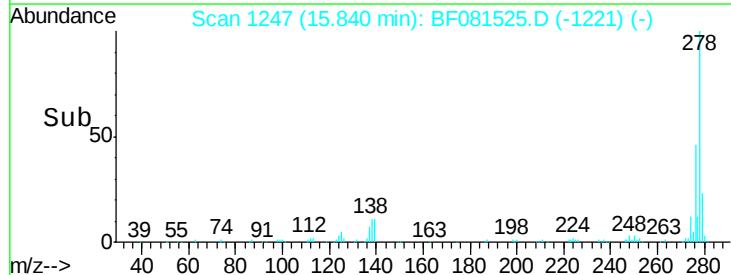
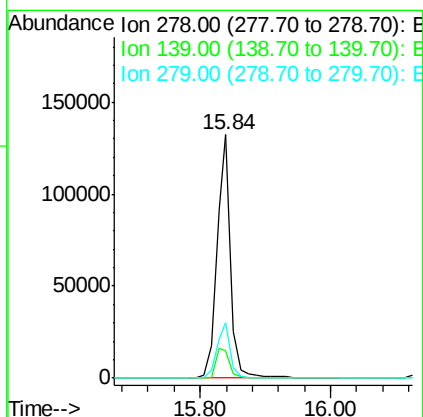
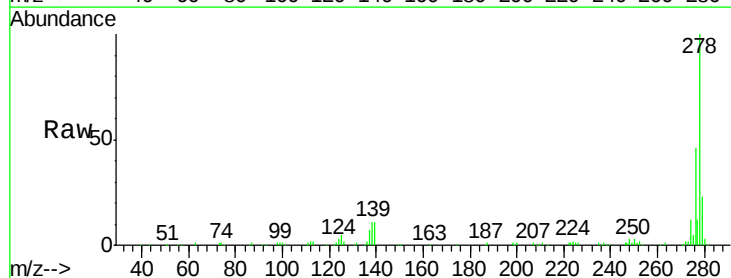
Instrument :
BNA_F
ClientSampleId :
PB85410BS

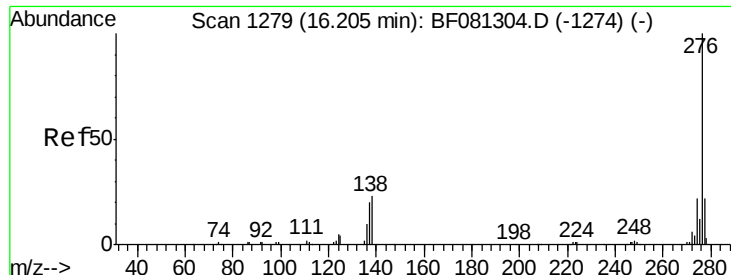
Tot Ion:252 Resp: 229215
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.9 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 41.85 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081525.D
Acq: 8 Sep 2015 16:34

Tgt Ion:278 Resp: 194164
Ion Ratio Lower Upper
278 100
139 11.0 26.3 39.5#
279 22.6 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.13 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF081525.D
 Acq: 8 Sep 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.8	26.6
138	19.9	34.6	51.8

