

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081425.D
 Acq On : 4 Sep 2015 18:18
 Operator : UM/IZ
 Sample : PB85409BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:07:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	65497	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	259719	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	113193	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	225955	20.00	ng	0.00
75) Chrysene-d12	13.46	240	173897	20.00	ng	0.00
86) Perylene-d12	14.77	264	111966	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	443206	104.99	ng	0.02
7) Phenol-d6	6.03	99	579090	103.63	ng	0.00
23) Nitrobenzene-d5	6.94	82	356929	66.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	115938	115.03	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	543484	61.53	ng	-0.01
78) Terphenyl-d14	12.43	244	496752	66.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	55260	29.15	ng	# 89
3) Pyridine	2.31	79	173594	33.20	ng	# 89
4) n-Nitrosodimethylamine	2.27	42	106276	36.59	ng	# 78
6) Aniline	6.02	93	180423	22.87	ng	# 80
8) 2-Chlorophenol	6.15	128	170600	36.67	ng	# 87
9) Benzaldehyde	5.90	77	119126	34.02	ng	# 77
10) Phenol	6.04	94	199269	30.75	ng	# 44
11) bis(2-Chloroethyl)ether	6.11	93	165139	35.32	ng	# 86
12) 1,3-Dichlorobenzene	6.30	146	173692	34.95	ng	# 92
13) 1,4-Dichlorobenzene	6.38	146	168140	33.23	ng	# 89
14) 1,2-Dichlorobenzene	6.52	146	145938	32.03	ng	# 86
15) Benzyl Alcohol	6.52	79	153861	33.57	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	334729	37.35	ng	# 1
17) 2-Methylphenol	6.66	107	136622	36.81	ng	# 74
18) Hexachloroethane	6.87	117	67149	34.11	ng	# 95
19) n-Nitroso-di-n-propylamine	6.80	70	127097	33.42	ng	# 87
20) 3+4-Methylphenols	6.82	107	179524	35.87	ng	# 89
22) Acetophenone	6.79	105	240095	33.85	ng	# 76
24) Nitrobenzene	6.96	77	215064	38.47	ng	# 67
25) Isophorone	7.20	82	346985	34.65	ng	# 82
26) 2-Nitrophenol	7.28	139	86329	35.43	ng	# 55
27) 2,4-Dimethylphenol	7.35	122	144669	34.38	ng	# 83
28) bis(2-Chloroethoxy)methane	7.43	93	191517	33.11	ng	# 92
29) 2,4-Dichlorophenol	7.53	162	136031	37.28	ng	# 97
30) 1,2,4-Trichlorobenzene	7.60	180	141540	35.70	ng	# 97
31) Naphthalene	7.67	128	452904	32.70	ng	# 99
32) Benzoic acid	7.50	122	73822	25.81	ng	# 75
33) 4-Chloroaniline	7.74	127	93880	16.62	ng	# 84
34) Hexachlorobutadiene	7.80	225	82347	34.13	ng	# 97
35) Caprolactam	8.11	113	21841	19.51	ng	# 27
36) 4-Chloro-3-methylphenol	8.25	107	149006	36.48	ng	# 80
37) 2-Methylnaphthalene	8.36	142	303089	33.63	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	115090	32.15	ng	# 99
40) Hexachlorocyclopentadiene	8.51	237	119025	67.75	ng	# 95

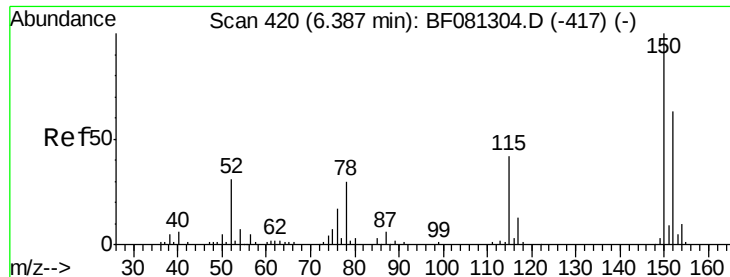
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	83081	33.63	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	92406	36.66	nq	# 90
45) 1,1'-Biphenyl	8.83	154	344812	33.11	nq	94
46) 2-Chloronaphthalene	8.84	162	260266	34.61	nq	# 90
47) 2-Nitroaniline	8.96	65	110661	36.10	nq	# 79
48) Acenaphthylene	9.26	152	446006	33.43	nq	97
49) Dimethylphthalate	9.15	163	305889	34.78	nq	# 96
50) 2,6-Dinitrotoluene	9.20	165	58126	29.12	nq	# 11
51) Acenaphthene	9.43	154	280401	36.94	nq	90
52) 3-Nitroaniline	9.37	138	42085	18.52	nq	# 85
53) 2,4-Dinitrophenol	9.47	184	55555	66.08	nq	# 1
54) Dibenzofuran	9.60	168	427726	38.59	nq	# 90
55) 4-Nitrophenol	9.56	139	114518	80.22	nq	# 23
56) 2,4-Dinitrotoluene	9.60	165	83788	32.97	nq	# 14
57) Fluorene	9.93	166	300028	35.67	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	76957	39.99	nq	92
59) Diethylphthalate	9.84	149	325116	35.14	nq	95
60) 4-Chlorophenyl-phenylether	9.94	204	151919	38.76	nq	99
61) 4-Nitroaniline	9.98	138	78313	34.11	nq	# 33
62) Azobenzene	10.09	77	372234	36.19	nq	# 80
64) 4,6-Dinitro-2-methylphenol	10.01	198	43369	34.32	nq	# 75
65) n-Nitrosodiphenylamine	10.06	169	265610	32.30	nq	91
66) 4-Bromophenyl-phenylether	10.42	248	88856	38.89	nq	93
67) Hexachlorobenzene	10.48	284	82954	34.73	nq	# 77
68) Atrazine	10.60	200	83078	34.92	nq	84
69) Pentachlorophenol	10.67	266	78112	68.57	nq	99
70) Phenanthrene	10.88	178	434855	34.62	nq	97
71) Anthracene	10.92	178	412945	32.00	nq	98
72) Carbazole	11.10	167	434956	35.91	nq	96
73) Di-n-butylphthalate	11.45	149	517228	36.17	nq	# 98
74) Fluoranthene	12.05	202	444256	32.67	nq	92
76) Benzidine	12.19	184	182592	24.46	nq	98
77) Pyrene	12.27	202	489771	38.02	nq	99
79) Butylbenzylphthalate	12.93	149	204764	36.55	nq	93
80) Benzo(a)anthracene	13.45	228	376491	34.00	nq	97
81) 3,3'-Dichlorobenzidine	13.43	252	68866	18.44	nq	# 95
82) Chrysene	13.49	228	280918	28.30	nq	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	236524	31.99	nq	# 88
84) Di-n-octyl phthalate	14.09	149	314441	25.83	nq	98
85) Indeno(1,2,3-cd)pyrene	15.84	276	248882	34.17	nq	# 87
87) Benzo(b)fluoranthene	14.47	252	502218	62.83	nq	# 83
88) Benzo(k)fluoranthene	14.47	252	502218	75.72	nq	# 84
89) Benzo(a)pyrene	14.72	252	238744	35.25	nq	# 85
90) Dibenzo(a,h)anthracene	15.85	278	211393	40.39	nq	# 81
91) Benzo(g,h,i)perylene	16.16	276	211716	42.38	nq	# 73

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

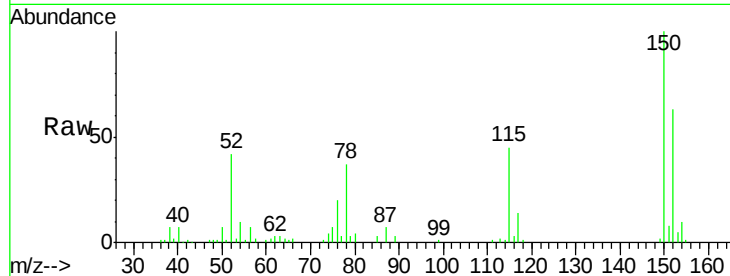


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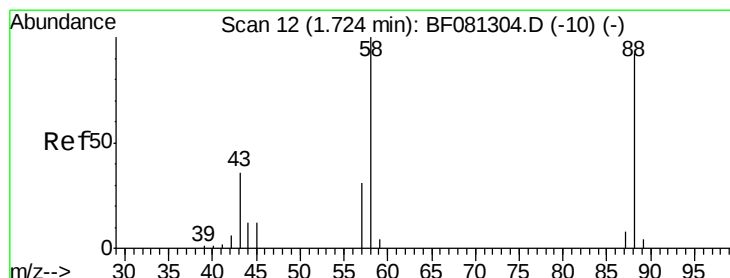
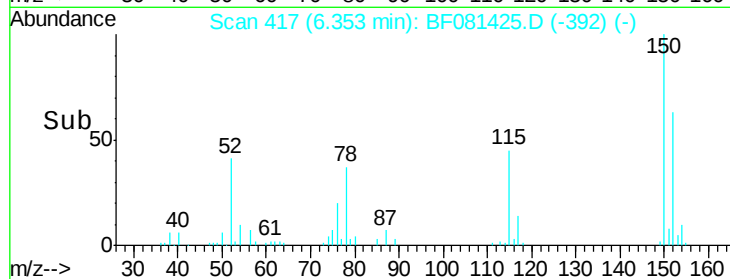
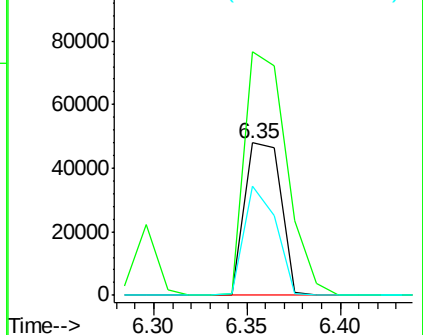
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 65497
Ion Ratio Lower Upper
152 100
150 159.8 124.7 187.1
115 71.3 39.0 58.4#



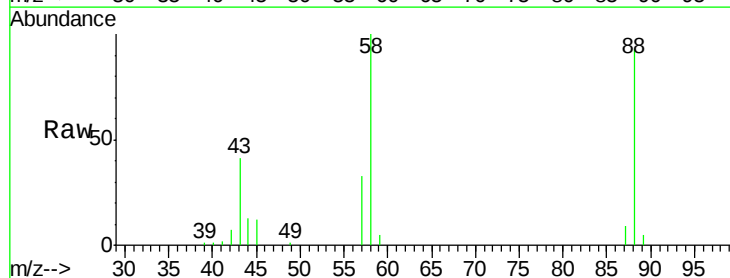
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



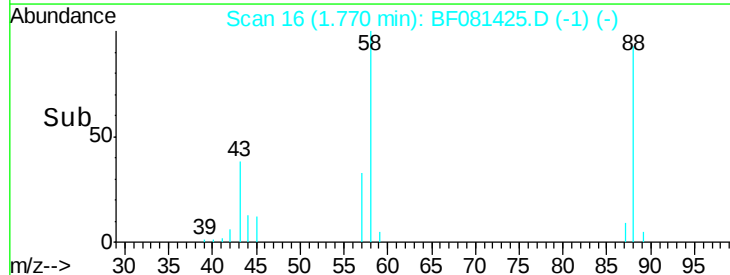
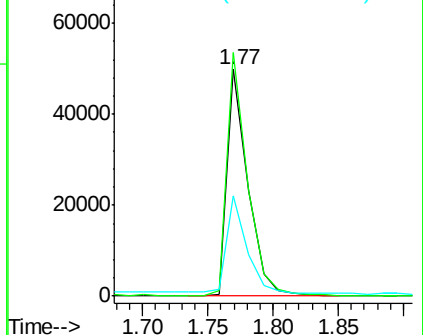
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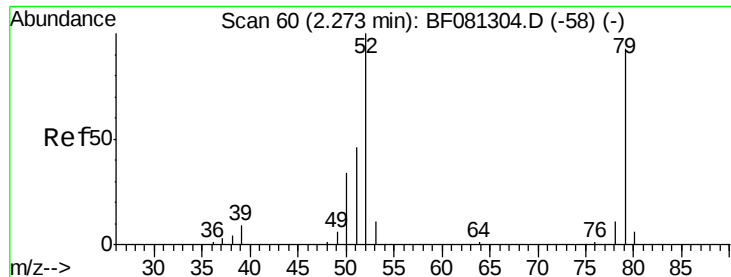
1,4-Dioxane
Concen: 29.15 ng
RT: 1.77 min Scan# 16
Delta R.T. 0.09 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion: 88 Resp: 55260
Ion Ratio Lower Upper
88 100
58 106.8 77.7 116.5
43 41.4 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: 33.20 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.08 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

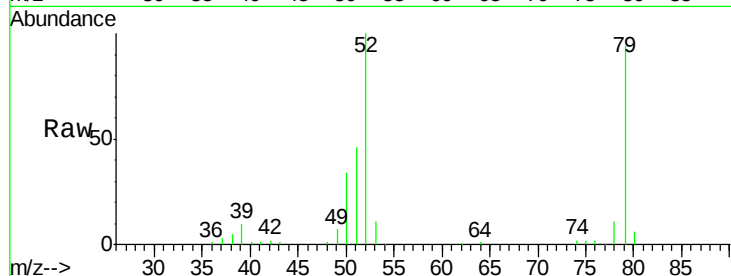
Tot Ion: 79 Resp: 173594

Ion Ratio Lower Upper

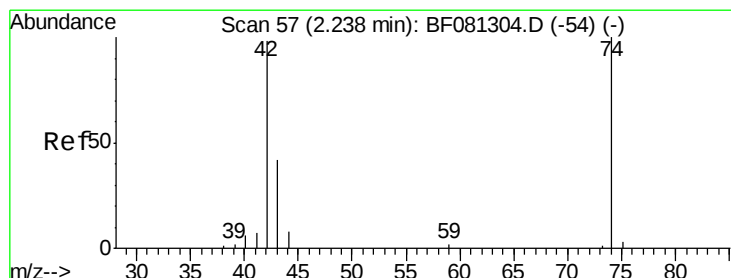
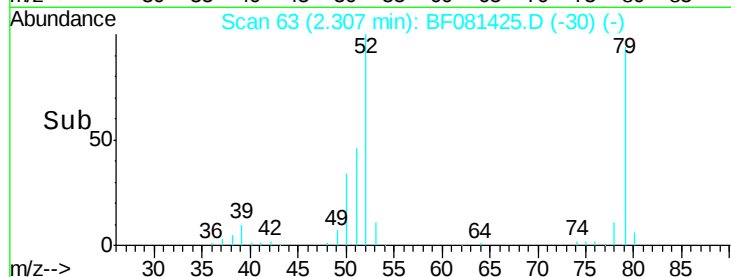
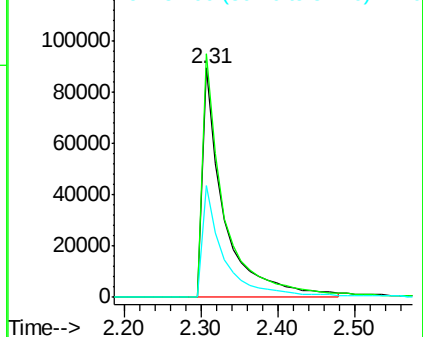
79 100

52 106.1 76.8 115.2

51 49.0 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: 36.59 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

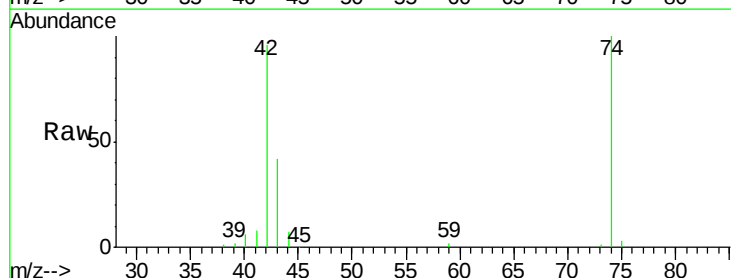
Tgt Ion: 42 Resp: 106276

Ion Ratio Lower Upper

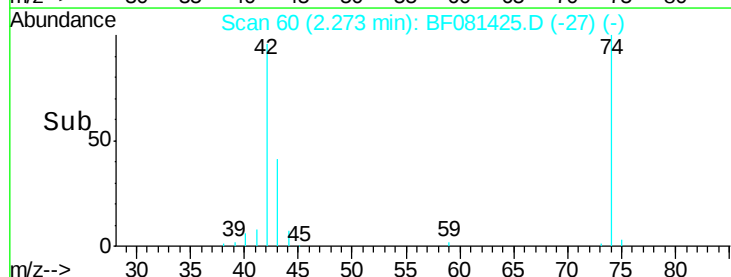
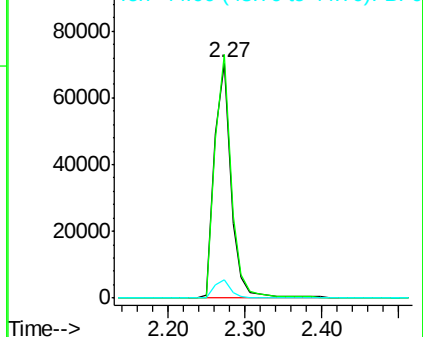
42 100

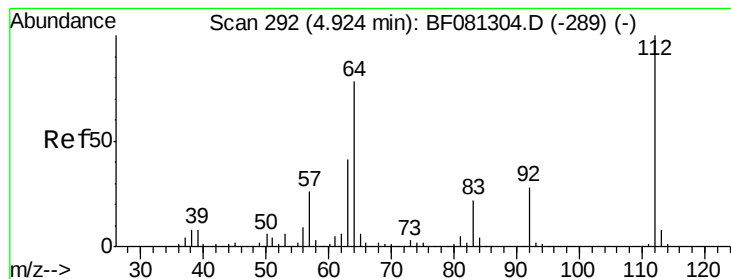
74 103.7 105.0 157.6#

44 7.7 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: 104.99 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.02 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampled :

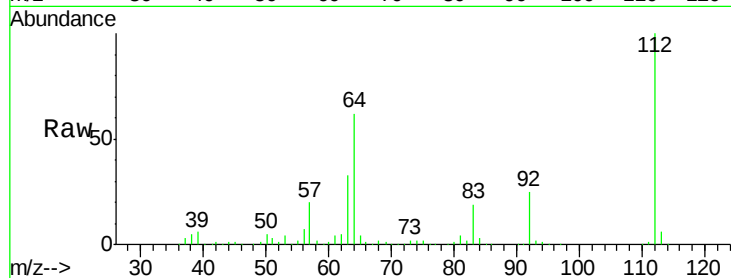
Tot Ion:112 Resp: 443206

Ion Ratio Lower Upper

112 100

64 62.3 39.7 59.5#

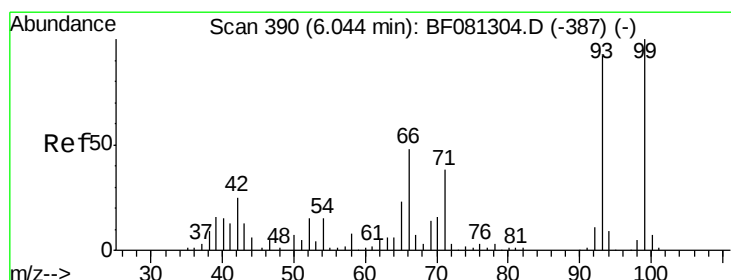
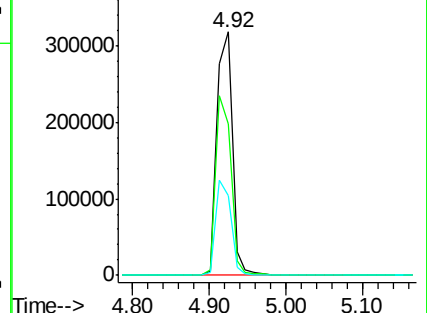
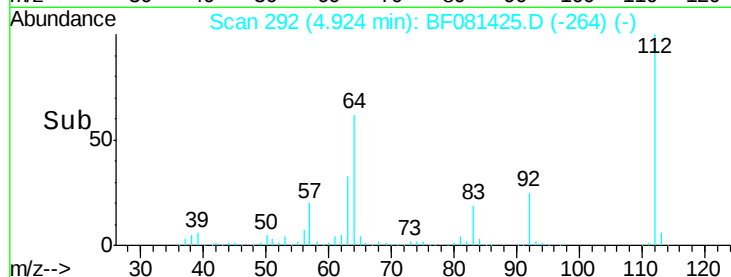
63 32.9 17.4 26.0#



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: 22.87 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

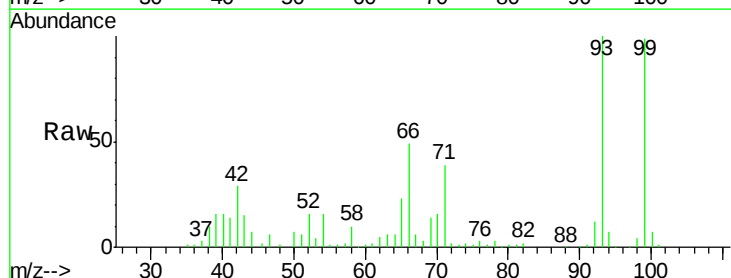
Tgt Ion: 93 Resp: 180423

Ion Ratio Lower Upper

93 100

66 48.7 27.2 40.8#

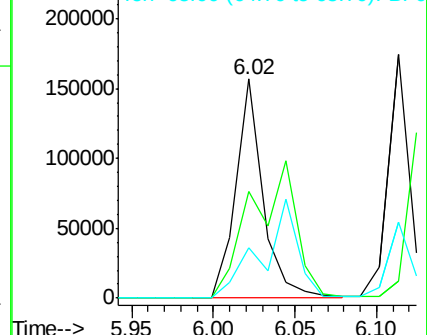
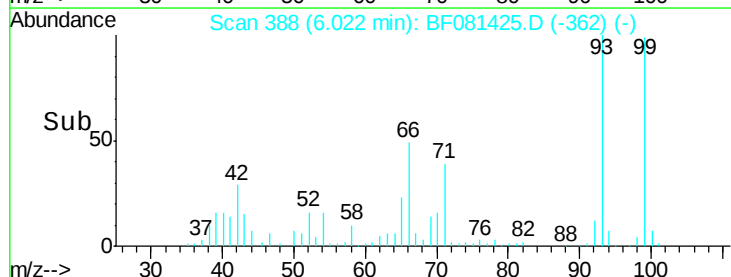
65 23.3 14.7 22.1#



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: 103.63 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

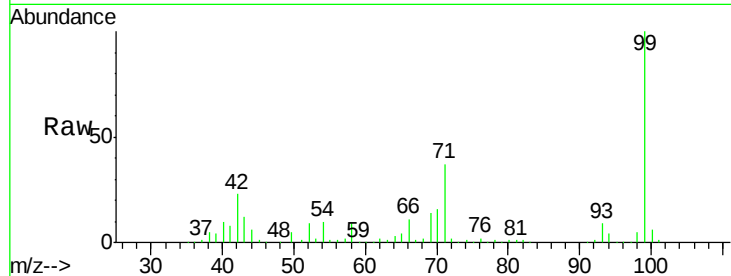
Tot Ion: 99 Resp: 579090

Ion Ratio Lower Upper

99 100

42 23.3 13.7 20.5#

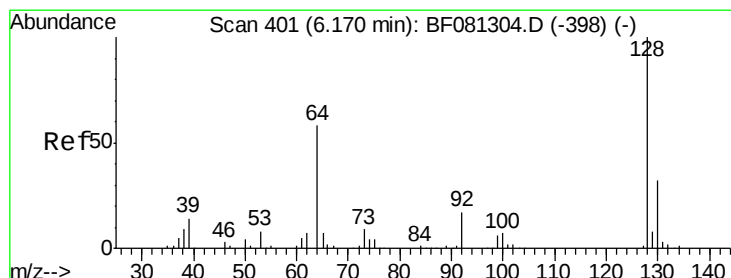
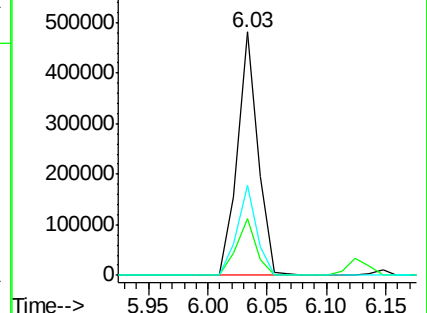
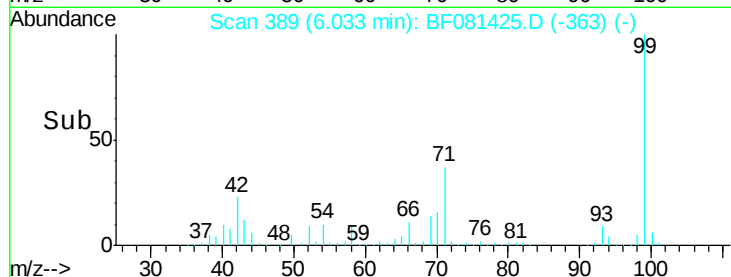
71 37.2 14.2 21.2#



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: 36.67 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

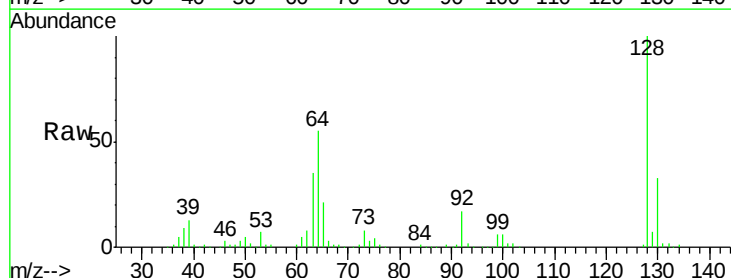
Tgt Ion: 128 Resp: 170600

Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

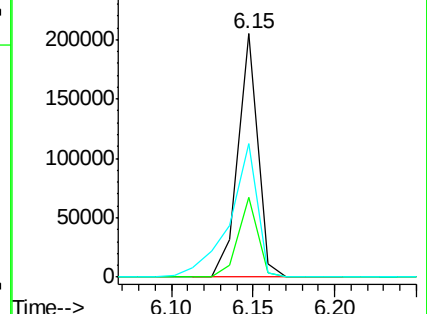
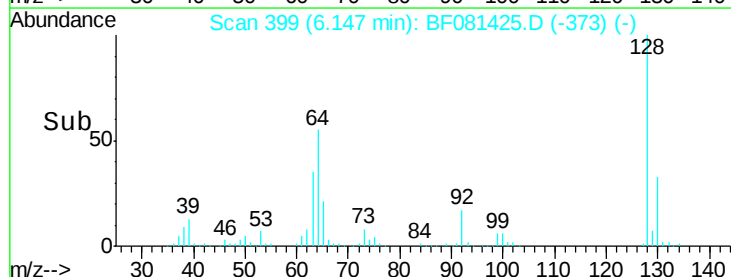
64 54.8 20.5 60.5

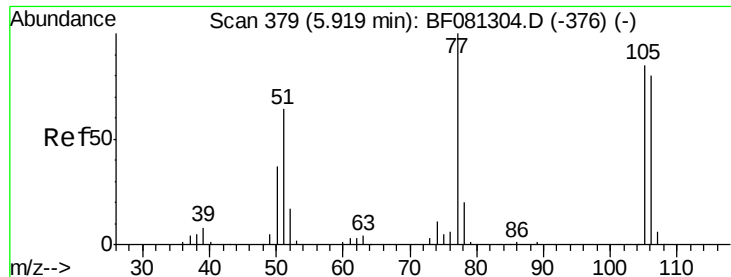


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.02 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampled :

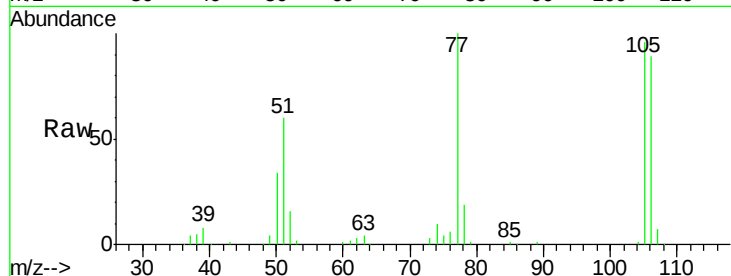
Tot Ion: 77 Resp: 119126

Ion Ratio Lower Upper

77 100

105 95.6 91.6 131.6

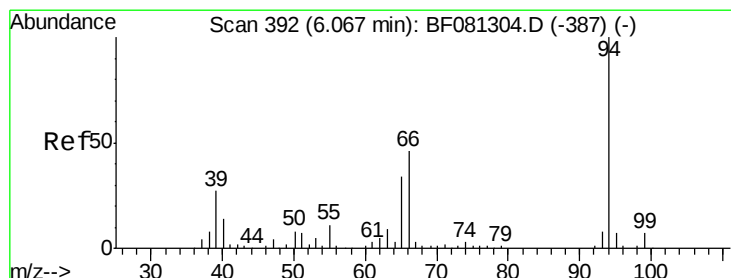
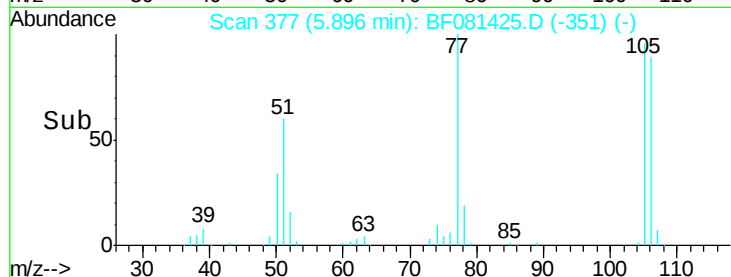
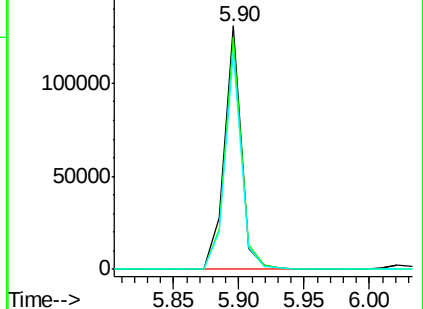
106 89.2 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.75 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

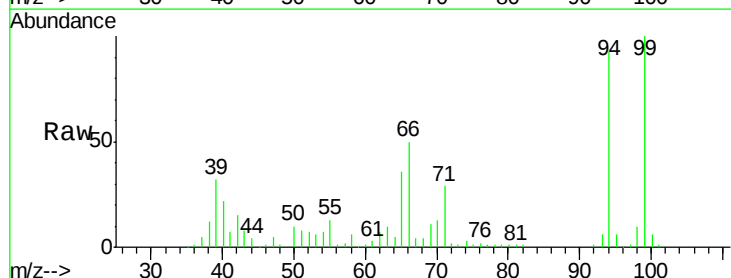
Tgt Ion: 94 Resp: 199269

Ion Ratio Lower Upper

94 100

65 39.4 0.7 40.7

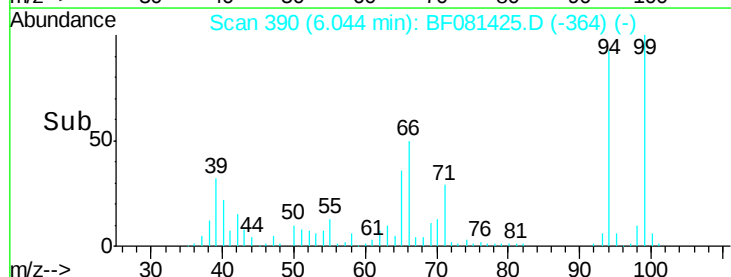
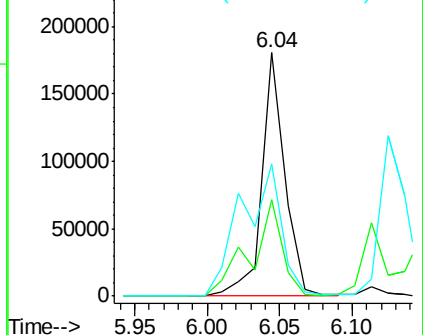
66 54.5 0.8 40.8#

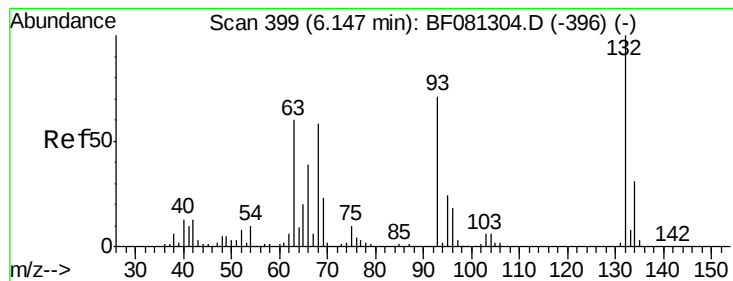


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

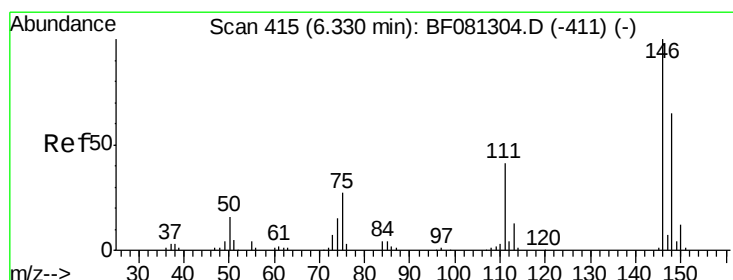
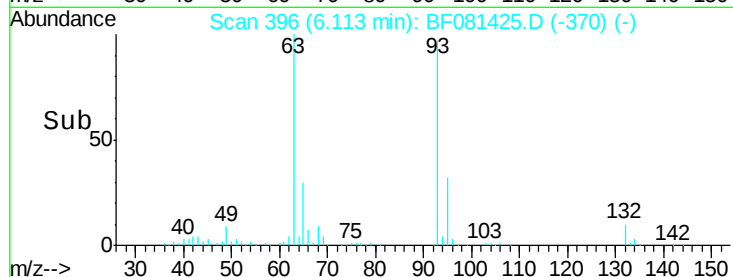
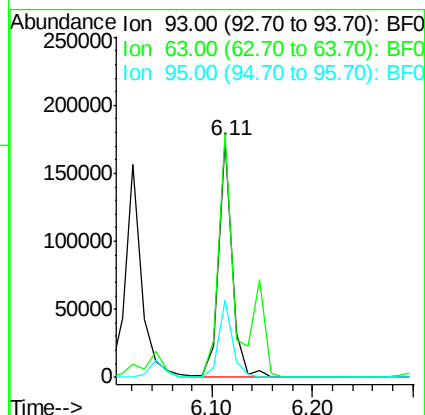
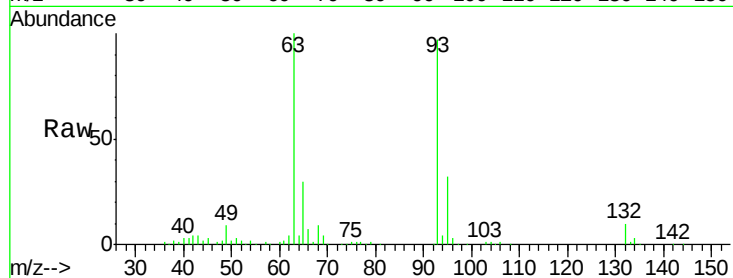




#11
bis(2-Chloroethyl)ether
Concen: 35.32 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

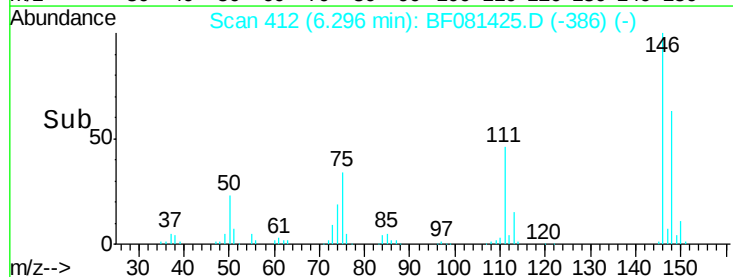
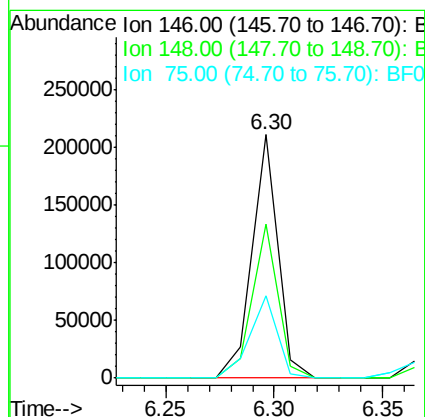
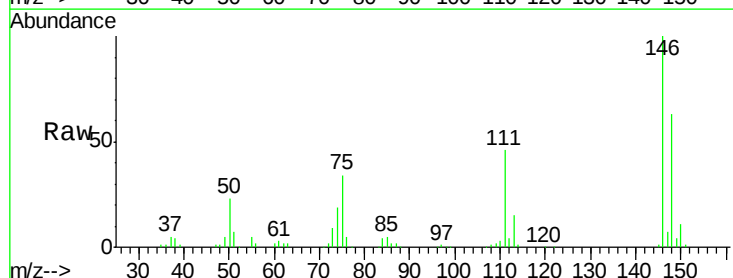
Instrument :
BNA_F
ClientSampleId :

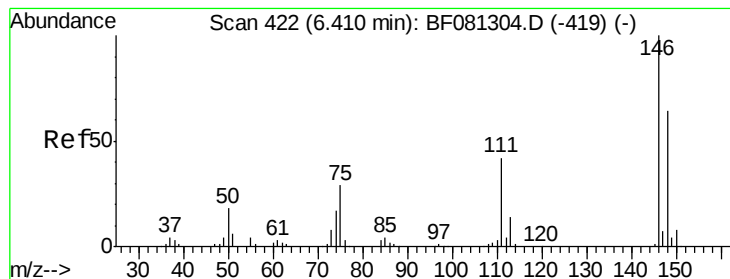
Tot Ion: 93 Resp: 165139
Ion Ratio Lower Upper
93 100
63 102.7 65.6 105.6
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 34.95 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion: 146 Resp: 173692
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 33.9 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 33.23 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

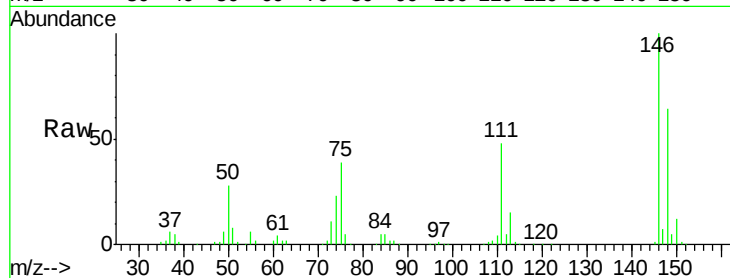
Tot Ion:146 Resp: 168140

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

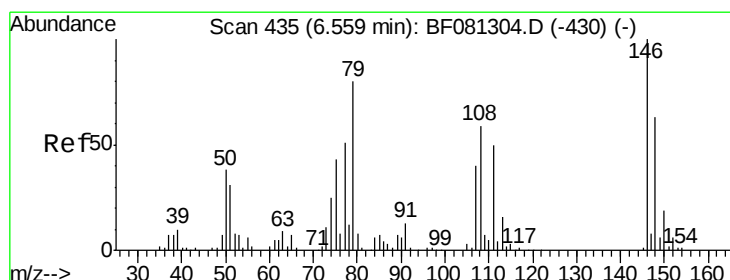
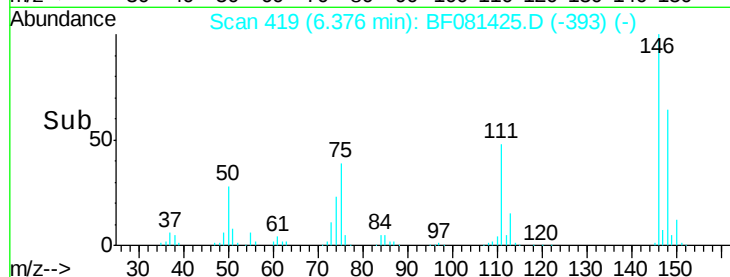
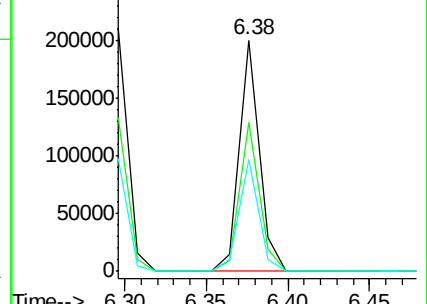
111 48.4 24.9 37.3#



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: 32.03 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

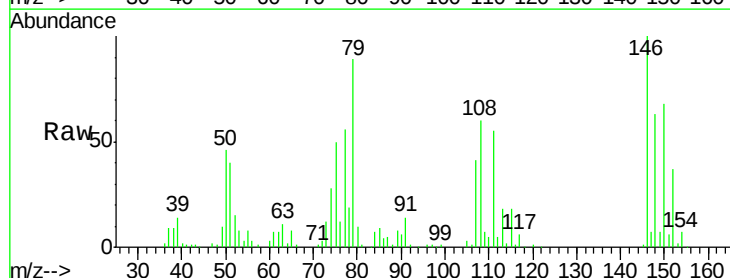
Tgt Ion:146 Resp: 145938

Ion Ratio Lower Upper

146 100

148 63.0 52.7 79.1

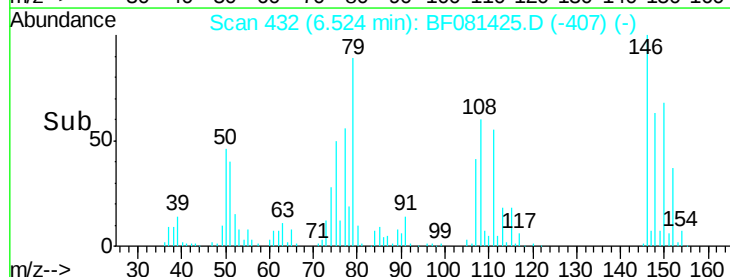
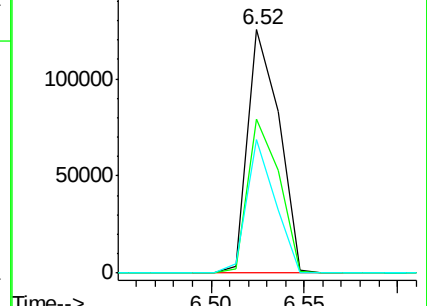
111 55.1 28.8 43.2#

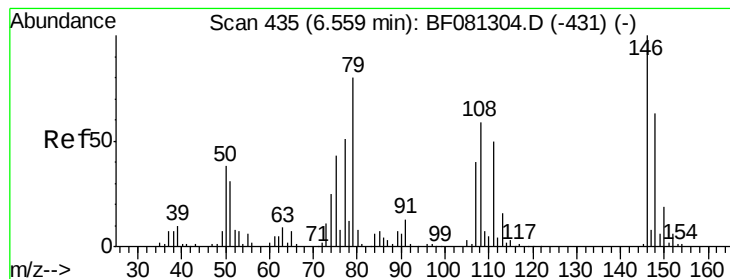


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.57 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampled :

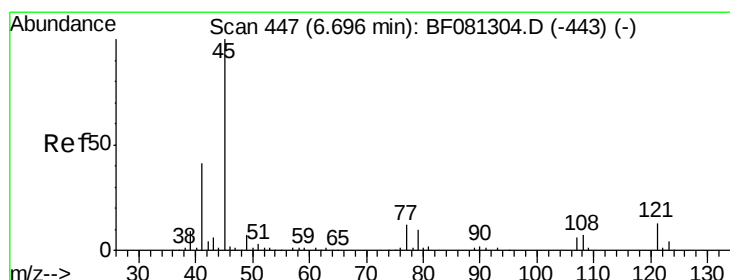
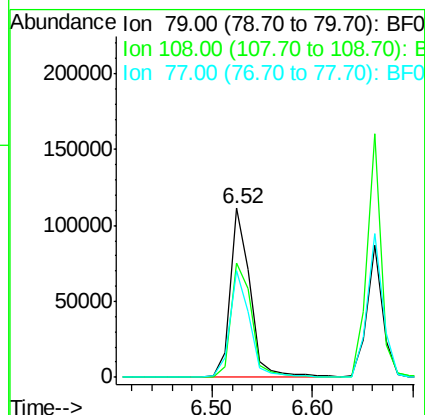
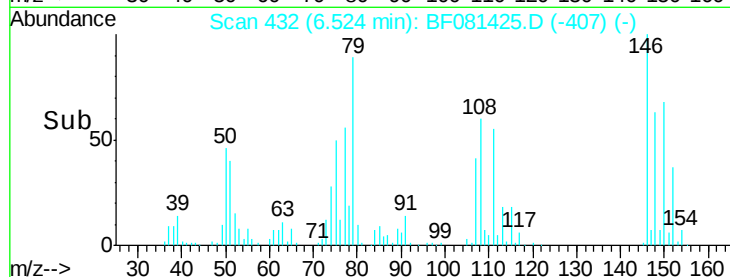
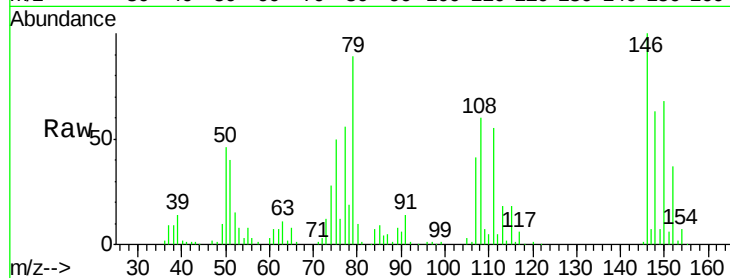
Tot Ion: 79 Resp: 153861

Ion Ratio Lower Upper

79 100

108 67.8 88.6 132.8#

77 63.6 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.35 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

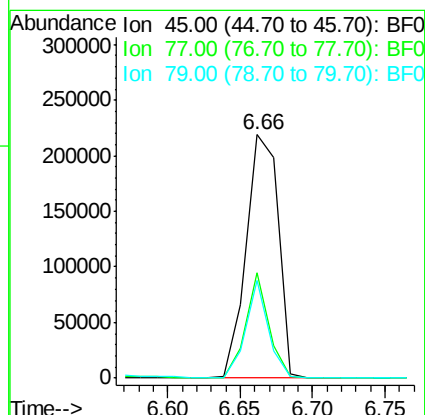
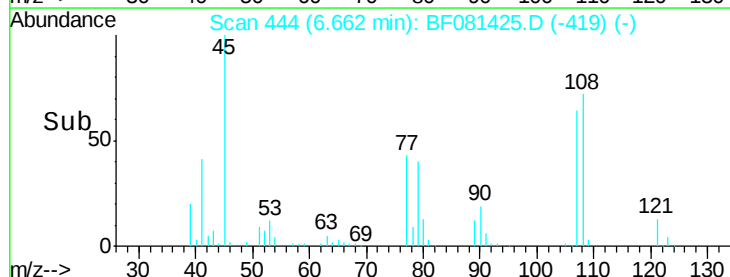
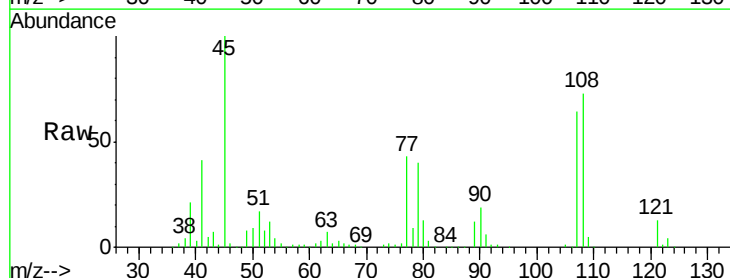
Tgt Ion: 45 Resp: 334729

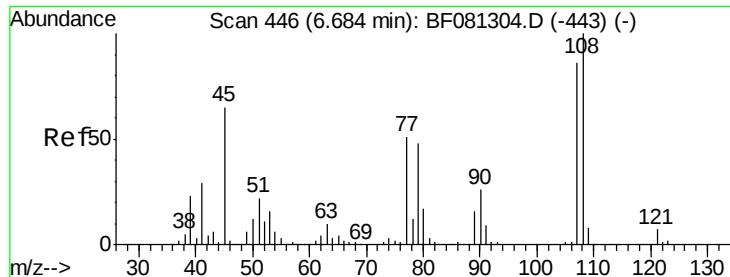
Ion Ratio Lower Upper

45 100

77 43.2 0.0 28.1#

79 39.9 0.0 26.0#

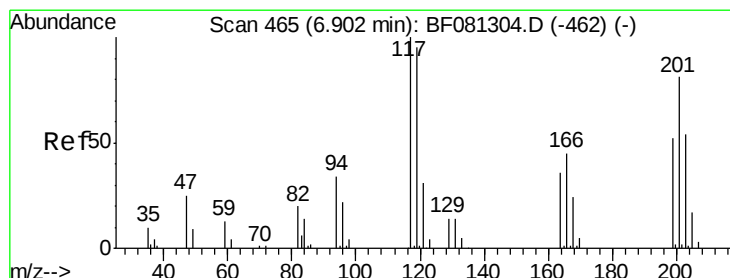
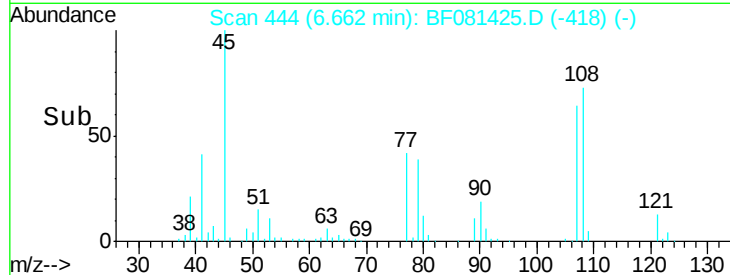
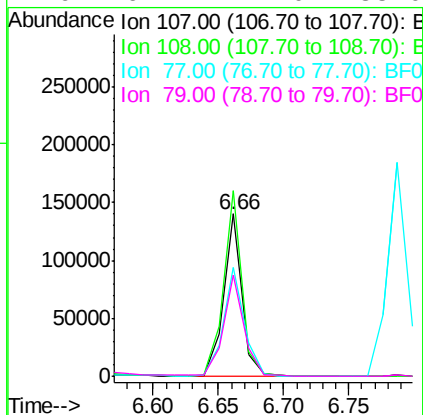
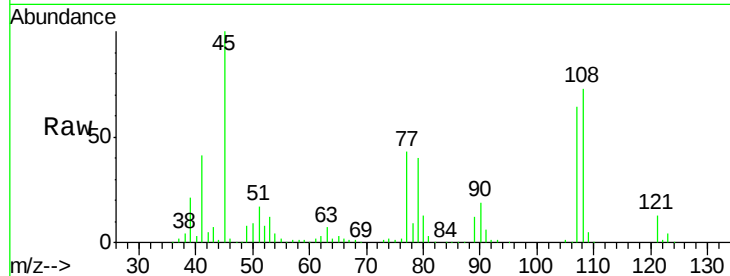




#17
2-Methylphenol
Concen: 36.81 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

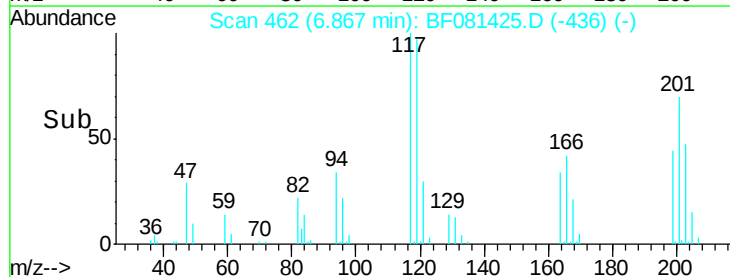
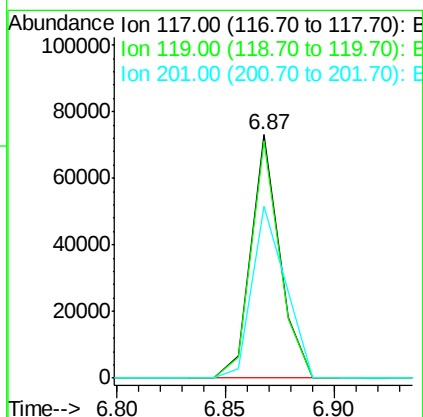
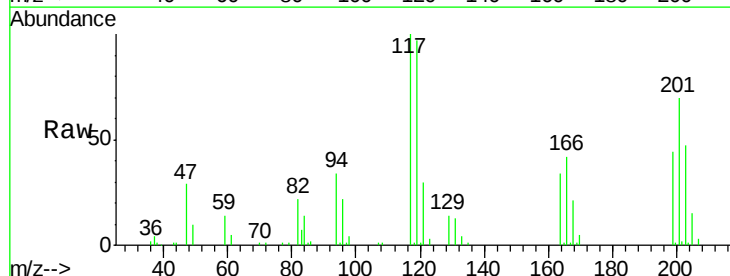
Instrument :
BNA_F
ClientSampleId :

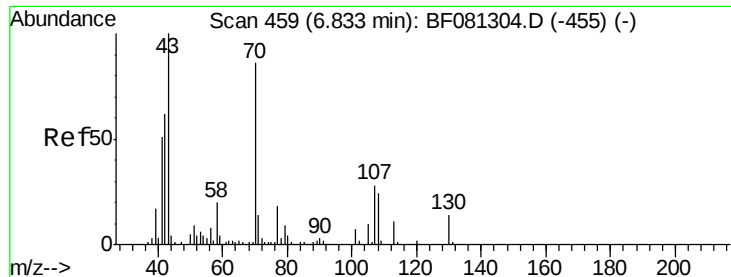
Tot Ion:107 Resp: 136622
Ion Ratio Lower Upper
107 100
108 114.3 96.6 145.0
77 67.3 23.3 34.9#
79 62.2 22.0 33.0#



#18
Hexachloroethane
Concen: 34.11 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion:117 Resp: 67149
Ion Ratio Lower Upper
117 100
119 97.5 83.8 125.6
201 70.4 55.1 82.7

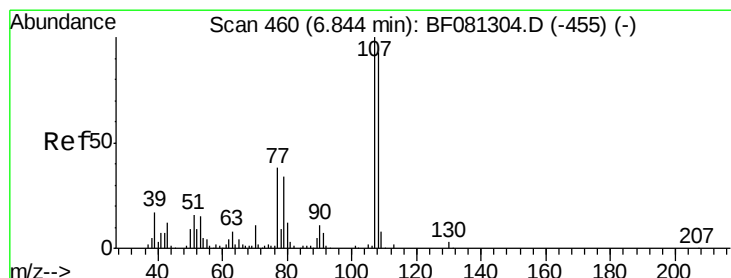
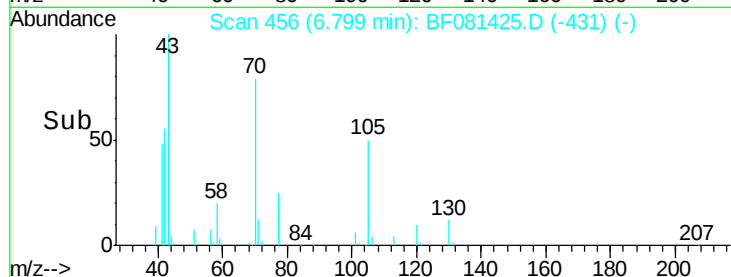
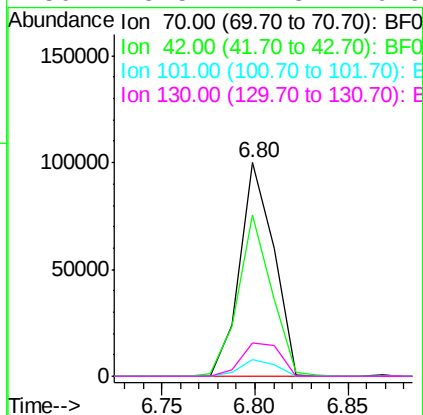
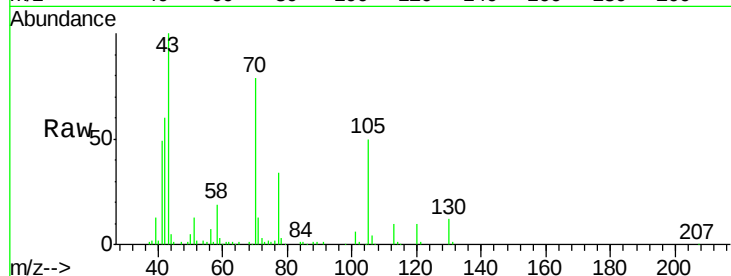




#19
n-Nitroso-di-n-propylamine
Concen: 33.42 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

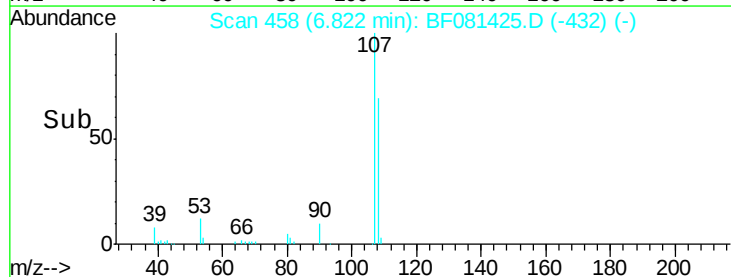
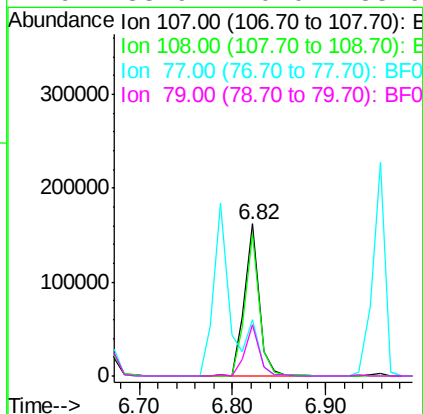
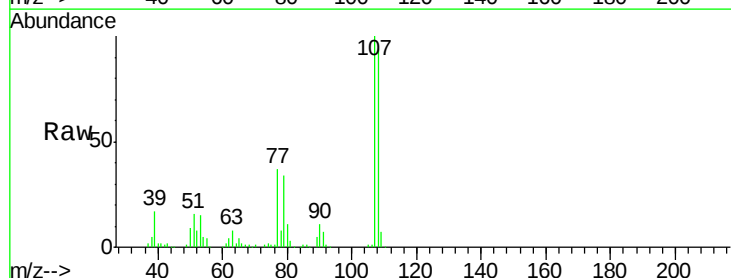
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 127097
Ion Ratio Lower Upper
70 100
42 75.5 63.8 95.6
101 8.0 9.2 13.8#
130 15.5 27.3 40.9#



#20
3+4-Methylphenols
Concen: 35.87 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion:107 Resp: 179524
Ion Ratio Lower Upper
107 100
108 93.5 74.6 114.6
77 37.4 0.7 40.7
79 33.9 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 259719

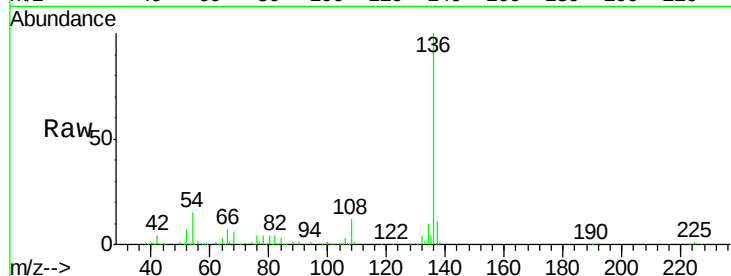
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 14.5 8.2 12.2#

68 6.4 5.8 8.6

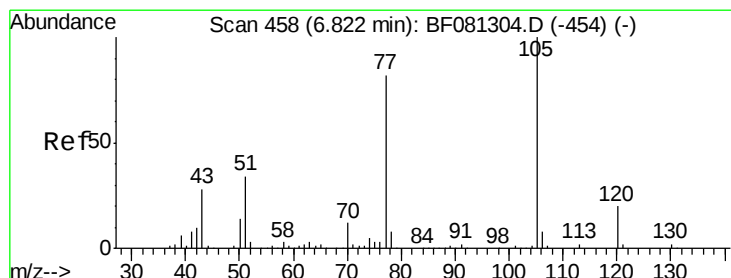
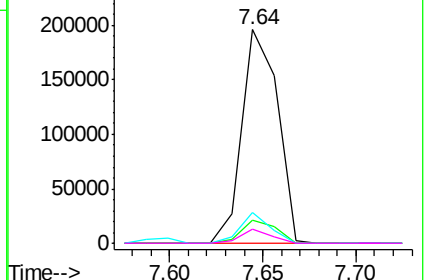
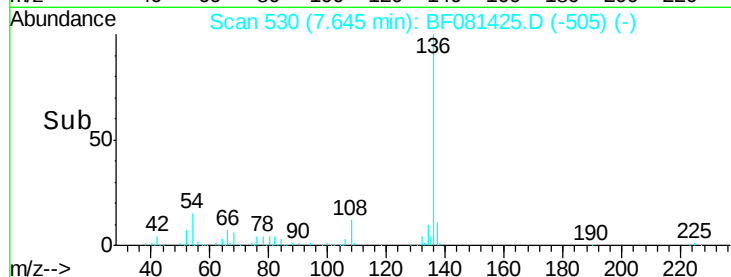


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.85 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Tgt Ion:105 Resp: 240095

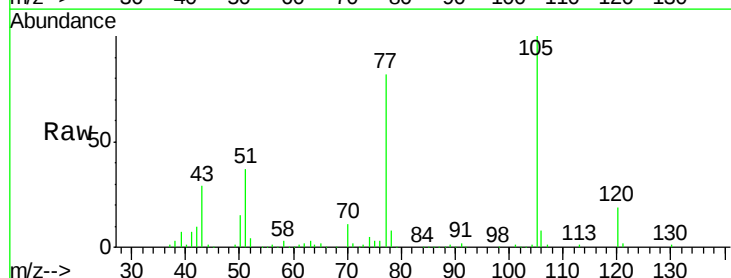
Ion Ratio Lower Upper

105 100

71 2.0 4.7 7.1#

51 36.9 22.0 33.0#

120 19.2 30.1 45.1#

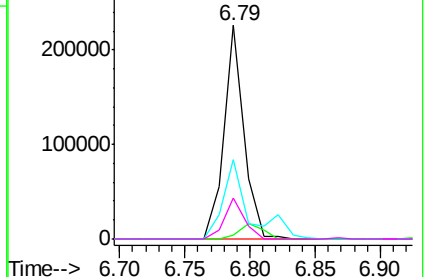
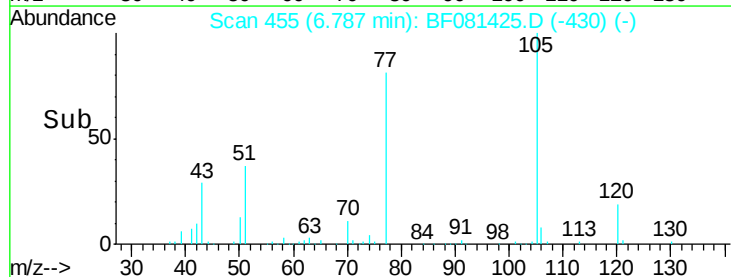


Abundance Ion 105.00 (104.70 to 105.70): E

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

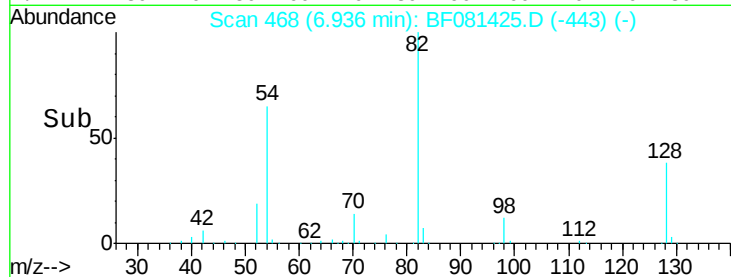
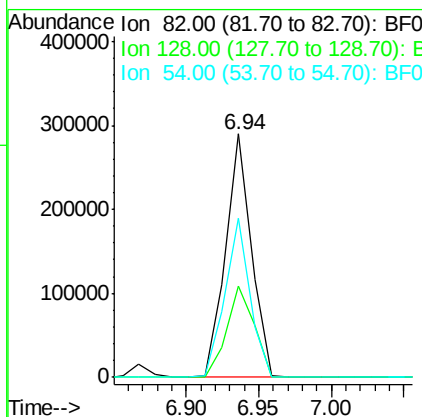
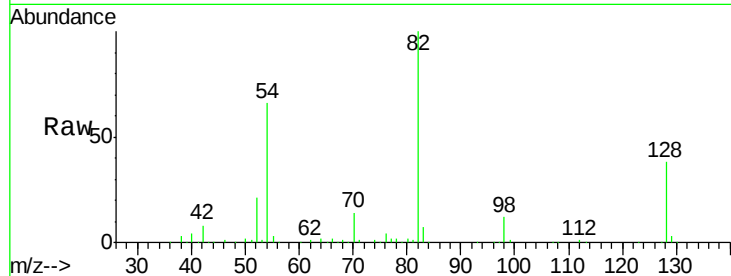




#23
 Nitrobenzene-d5
 Concen: 66.30 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

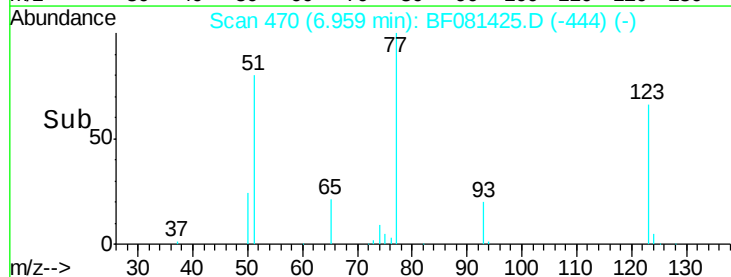
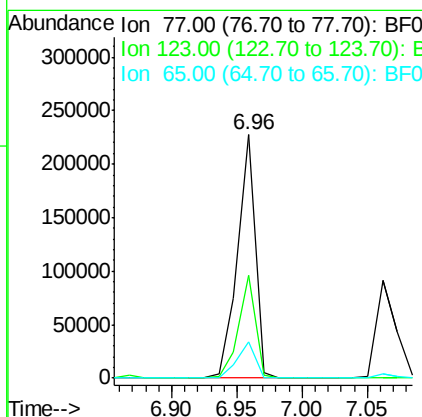
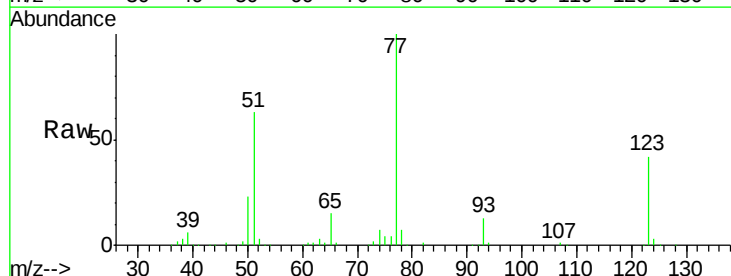
Instrument :
 BNA_F
 ClientSampleId :

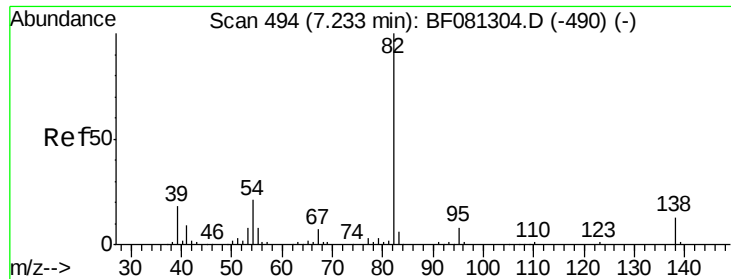
Tot Ion: 82 Resp: 356929
 Ion Ratio Lower Upper
 82 100
 128 37.7 51.0 76.6#
 54 65.6 47.5 71.3



#24
 Nitrobenzene
 Concen: 38.47 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion: 77 Resp: 215064
 Ion Ratio Lower Upper
 77 100
 123 42.5 59.8 89.8#
 65 15.0 10.2 15.4





#25

Isophorone

Concen: 34.65 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

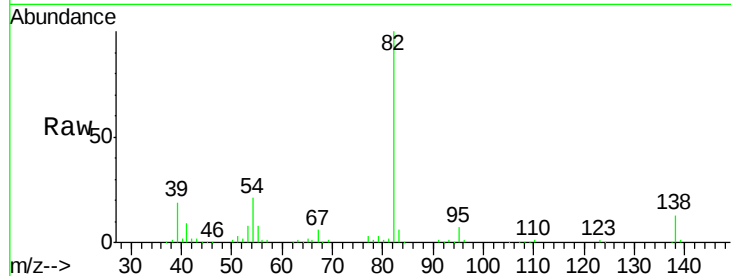
Tot Ion: 82 Resp: 346985

Ion Ratio Lower Upper

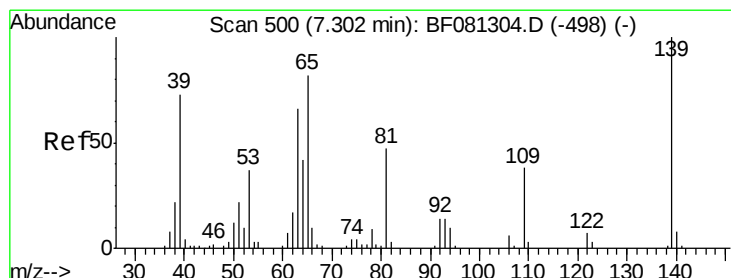
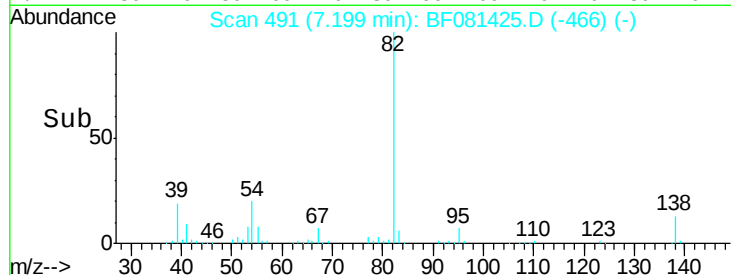
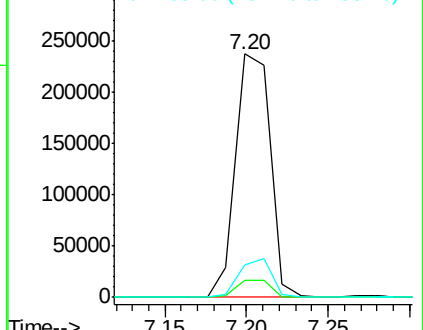
82 100

95 7.0 4.0 6.0#

138 13.2 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.43 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

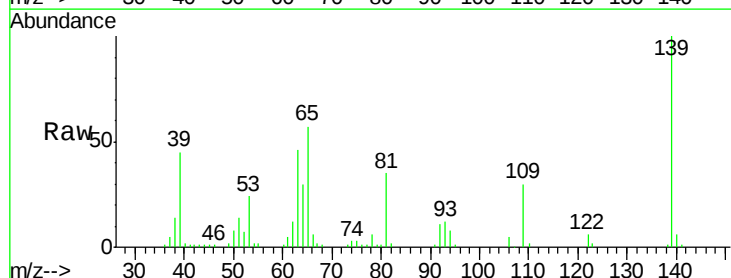
Tgt Ion: 139 Resp: 86329

Ion Ratio Lower Upper

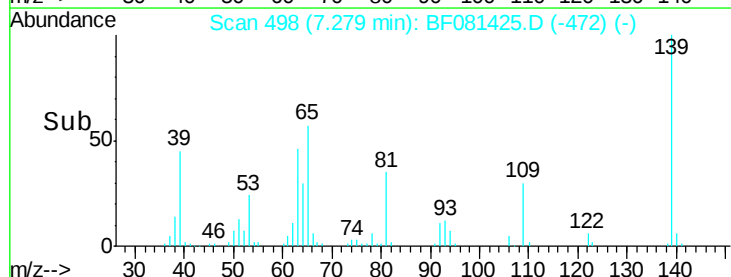
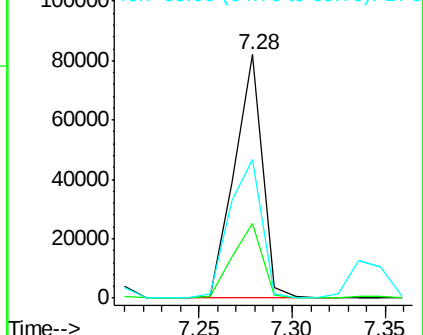
139 100

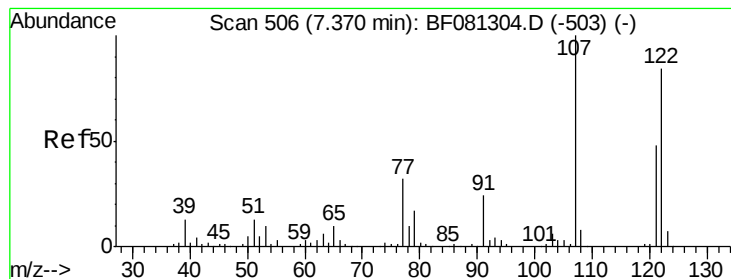
109 30.4 11.0 16.4#

65 56.8 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 34.38 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampled :

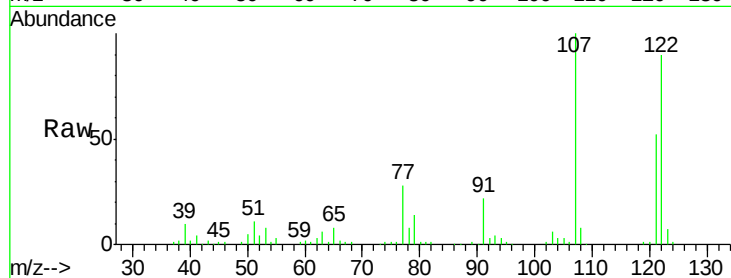
Tot Ion:122 Resp: 144669

Ion Ratio Lower Upper

122 100

107 111.2 71.8 107.6#

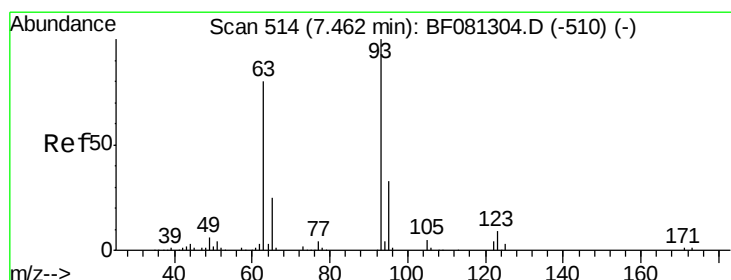
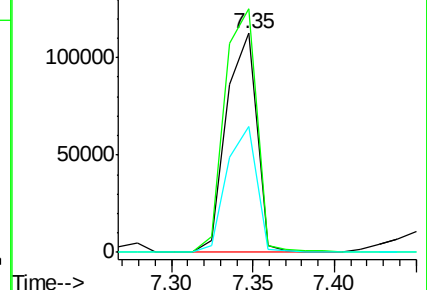
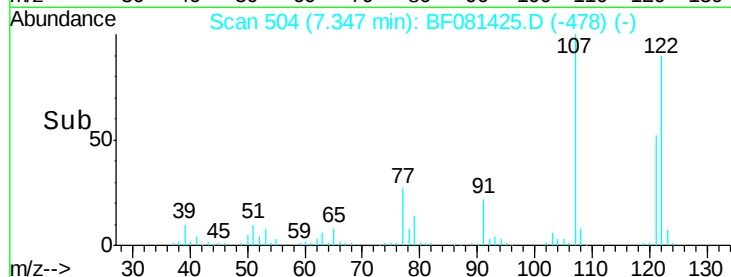
121 57.5 42.3 63.5



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: 33.11 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

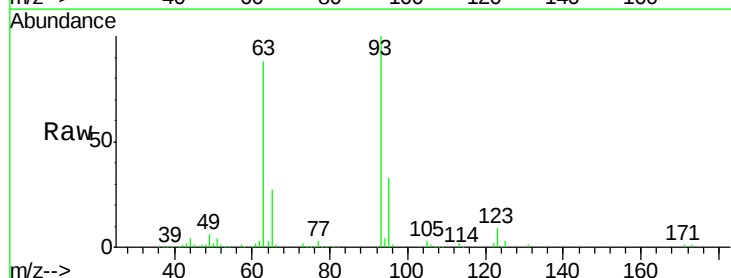
Tgt Ion: 93 Resp: 191517

Ion Ratio Lower Upper

93 100

95 32.8 27.5 41.3

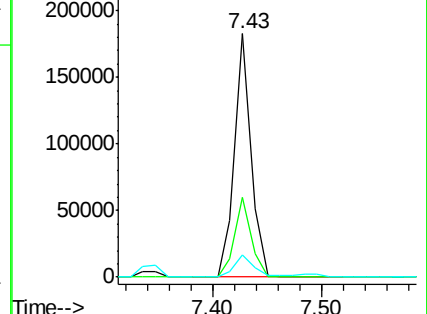
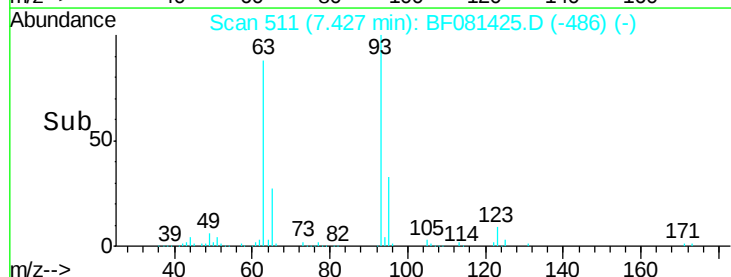
123 9.3 13.7 20.5#

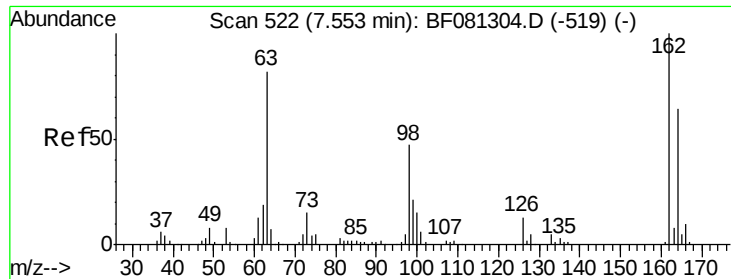


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

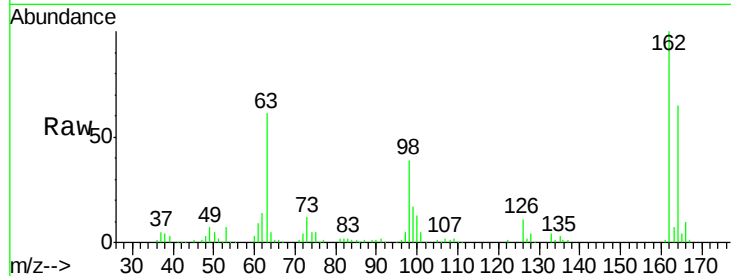




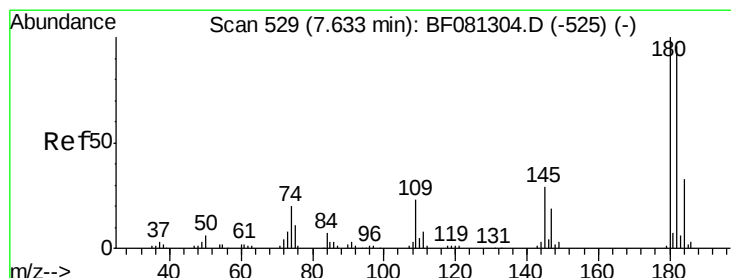
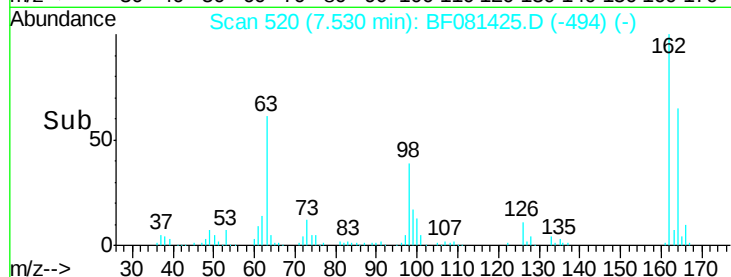
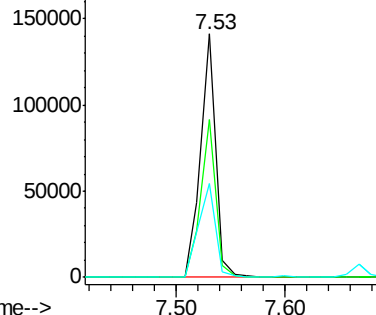
#29
 2,4-Dichlorophenol
 Concen: 37.28 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162	Resp:	136031
Ion Ratio	Lower	Upper
162	100	
164	65.0	44.9 84.9
98	38.6	13.0 53.0

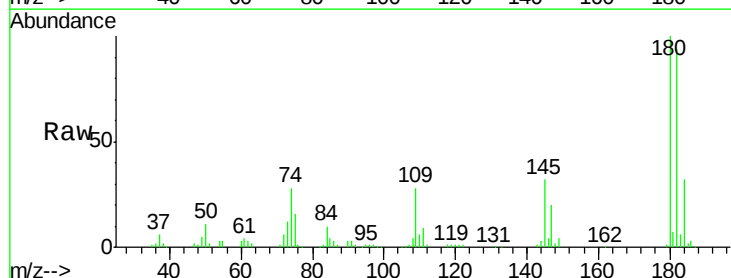


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

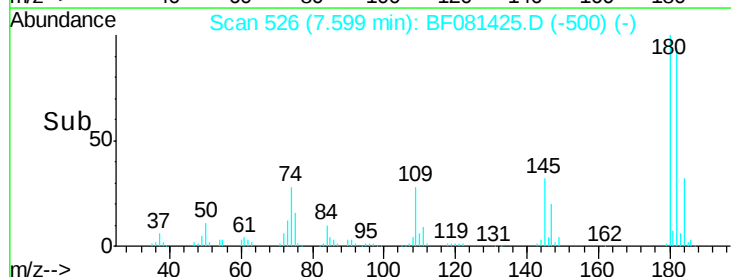
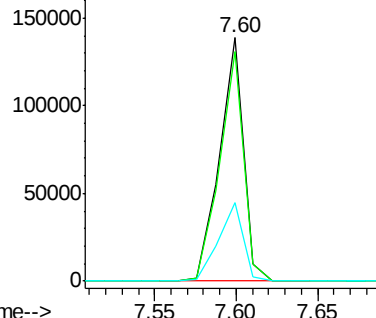


#30
 1,2,4-Trichlorobenzene
 Concen: 35.70 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion:180	Resp:	141540
Ion Ratio	Lower	Upper
180	100	
182	94.5	77.1 115.7
145	32.1	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: 32.70 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampled :

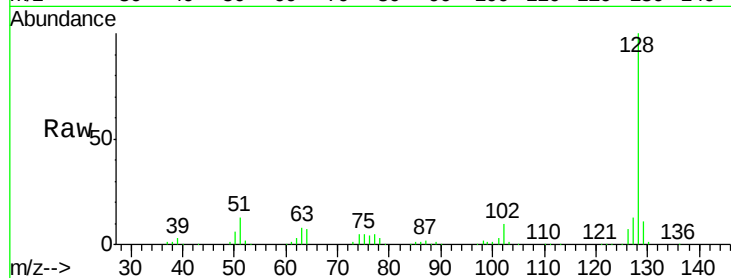
Tot Ion:128 Resp: 452904

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

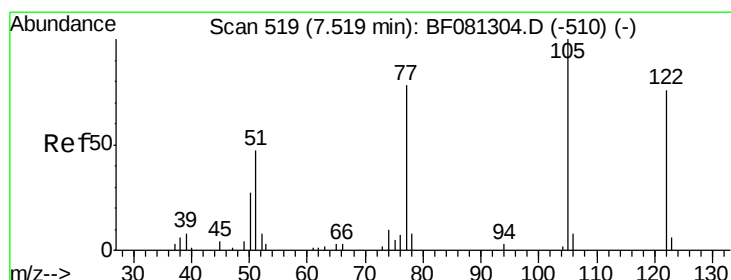
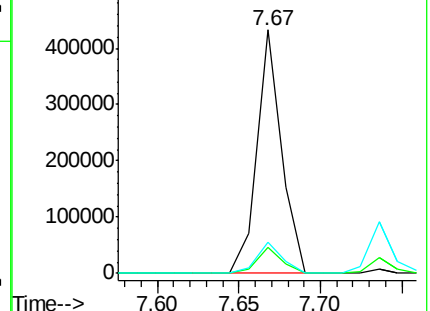
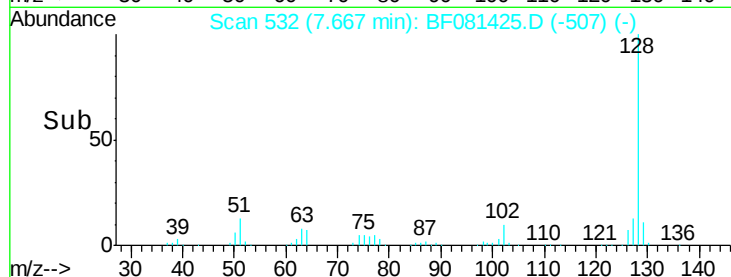
127 13.0 9.9 14.9



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: 25.81 ng

RT: 7.50 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

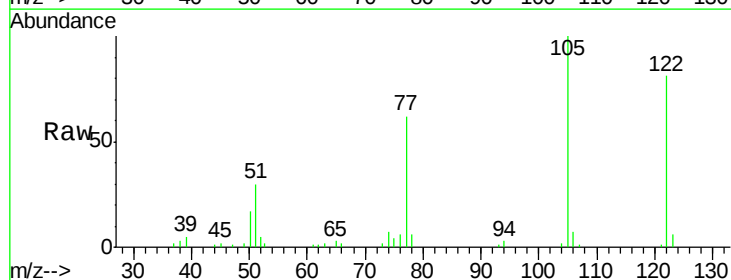
Tgt Ion:122 Resp: 73822

Ion Ratio Lower Upper

122 100

105 122.7 76.1 116.1#

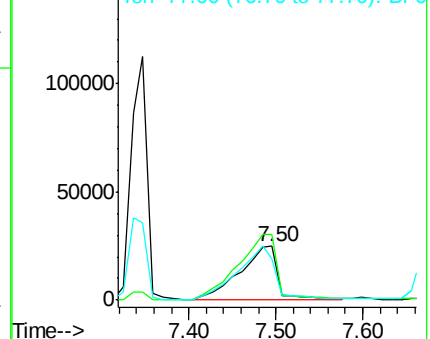
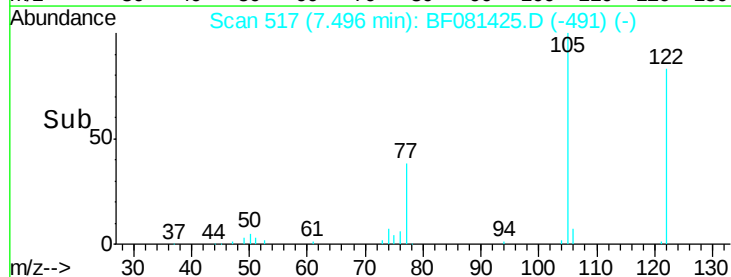
77 76.4 40.5 80.5



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

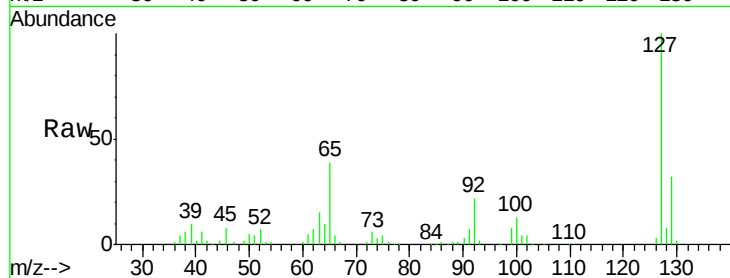




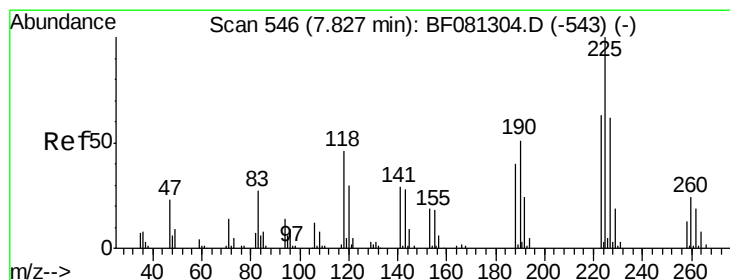
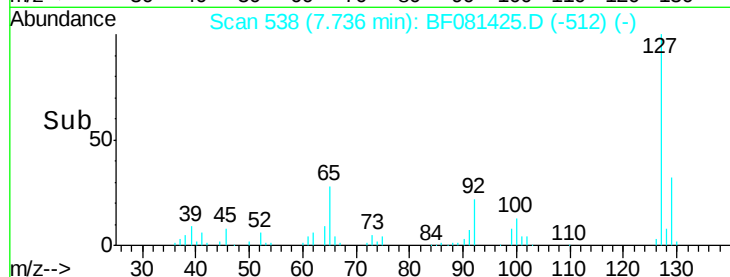
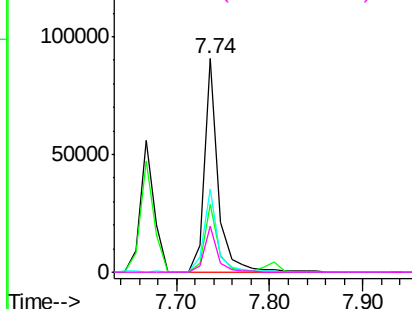
#33
4-Chloroaniline
Concen: 16.62 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 93880
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 38.8 17.9 26.9#
92 21.6 10.5 15.7#

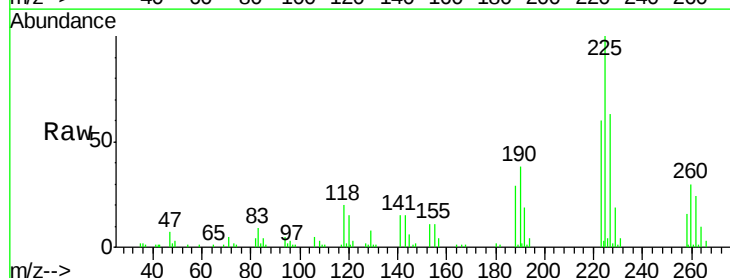


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

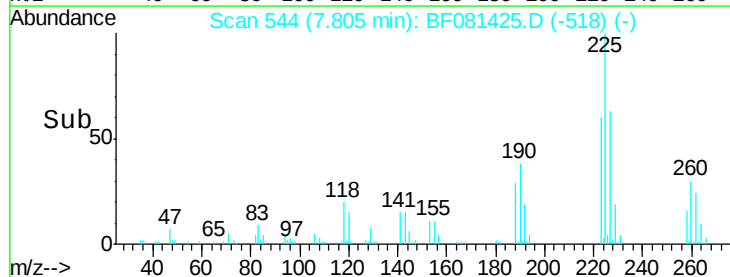
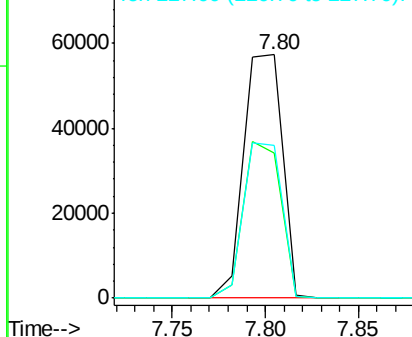


#34
Hexachlorobutadiene
Concen: 34.13 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion:225 Resp: 82347
Ion Ratio Lower Upper
225 100
223 59.8 50.2 75.2
227 62.9 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: 19.51 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

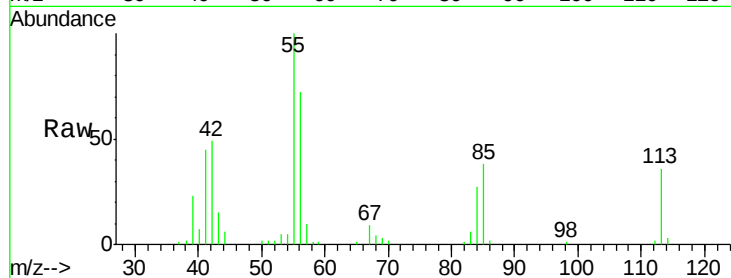
Tot Ion:113 Resp: 21841

Ion Ratio Lower Upper

113 100

55 278.7 152.4 192.4#

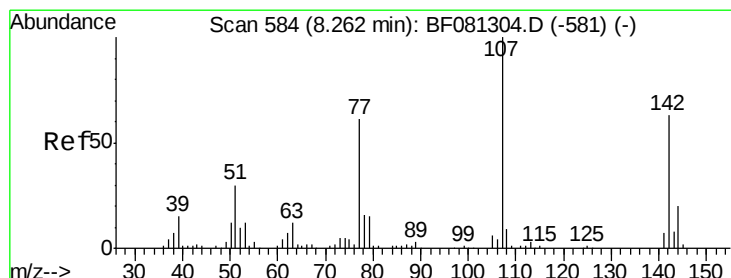
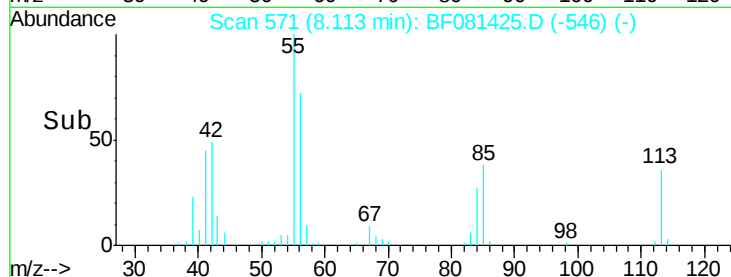
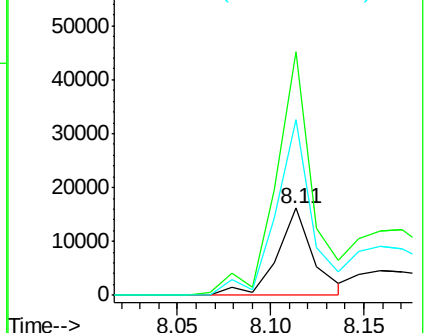
56 200.8 104.6 144.6#



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: 36.48 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

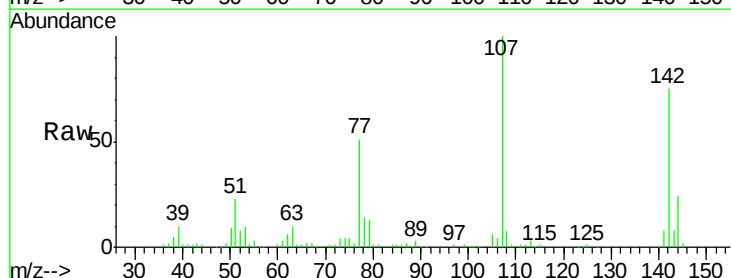
Tgt Ion:107 Resp: 149006

Ion Ratio Lower Upper

107 100

144 23.8 25.4 38.0#

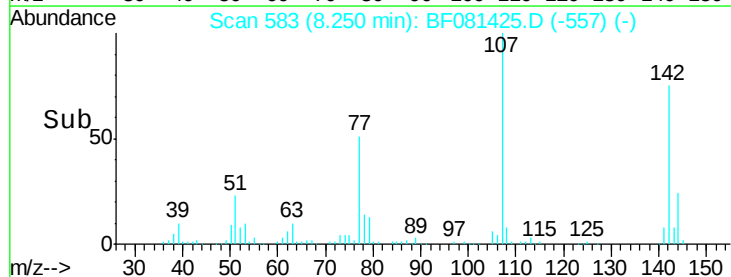
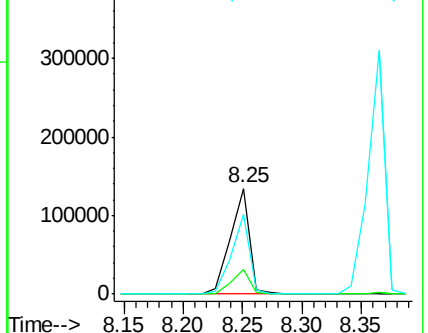
142 75.2 77.3 115.9#

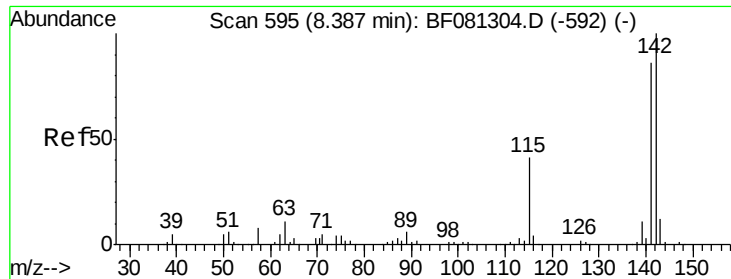


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

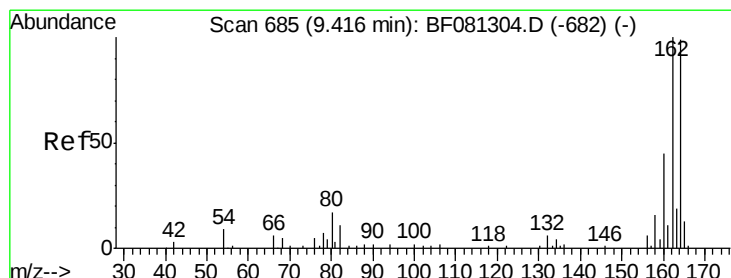
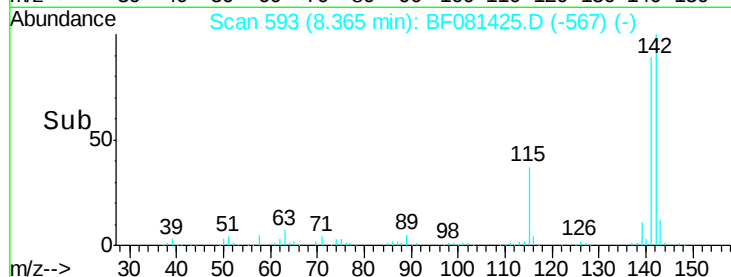
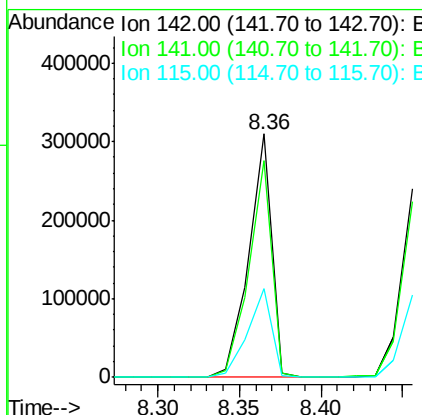
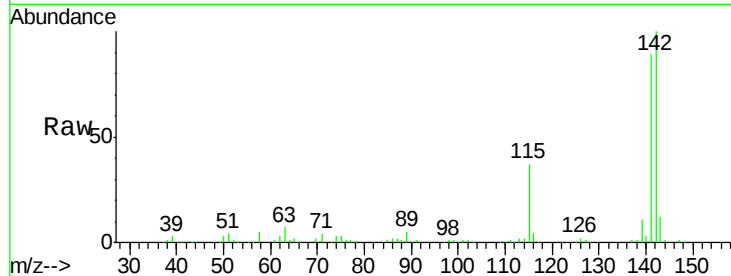




#37
 2-Methylnaphthalene
 Concen: 33.63 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

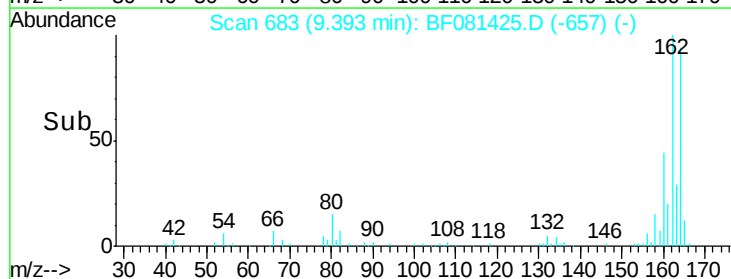
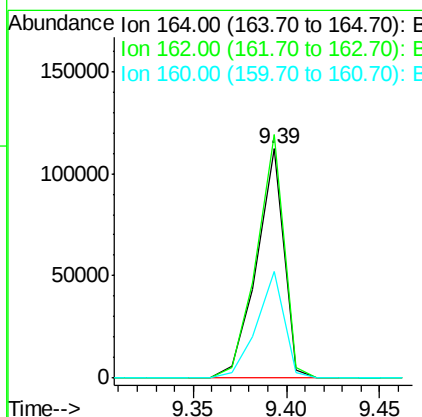
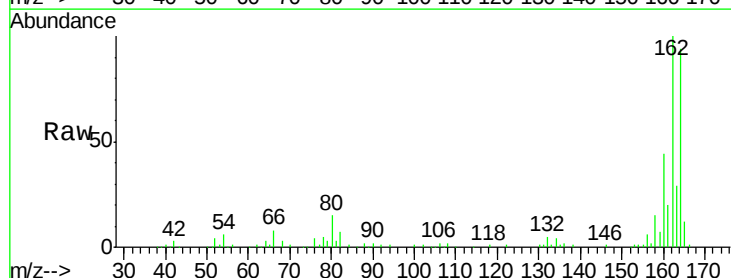
Instrument :
 BNA_F
 ClientSampleId :

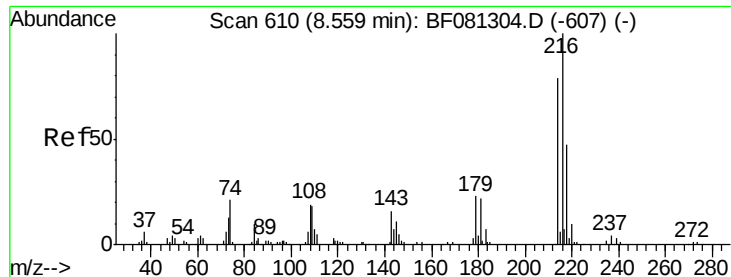
Tot Ion:142 Resp: 303089
 Ion Ratio Lower Upper
 142 100
 141 89.0 67.5 101.3
 115 36.6 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion:164 Resp: 113193
 Ion Ratio Lower Upper
 164 100
 162 106.2 75.2 112.8
 160 46.6 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.15 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 115090

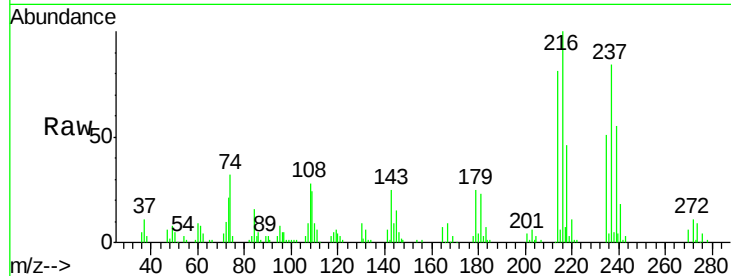
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.9 16.6 24.8

108 22.4 16.3 24.5

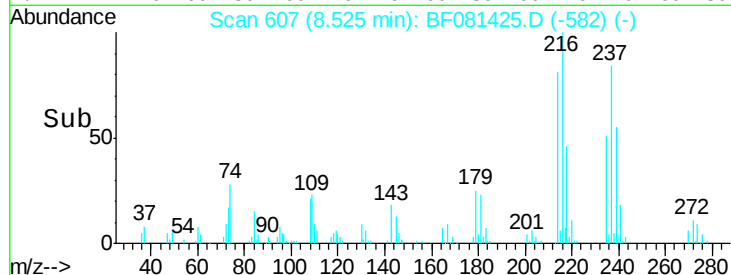


Abundance Ion 216.00 (215.70 to 216.70): E

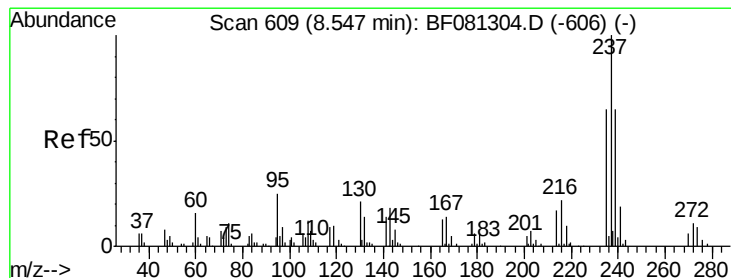
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 67.75 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

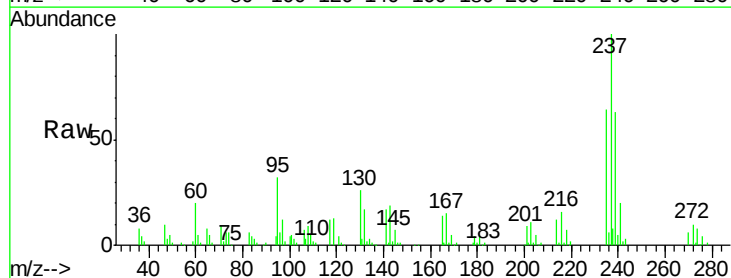
Tgt Ion:237 Resp: 119025

Ion Ratio Lower Upper

237 100

235 64.3 42.0 82.0

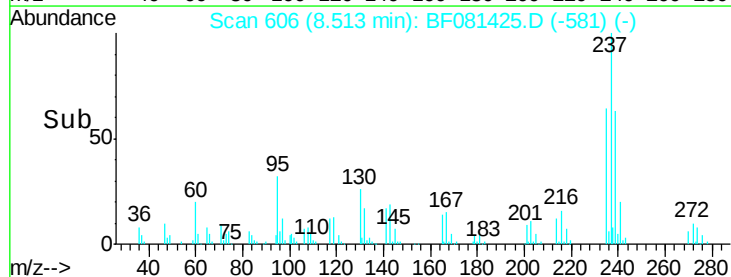
272 10.2 0.0 36.1



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



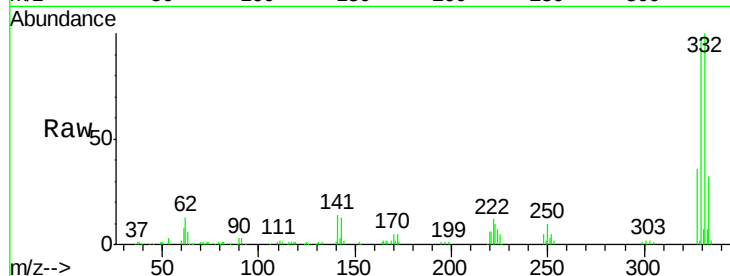
Time-->



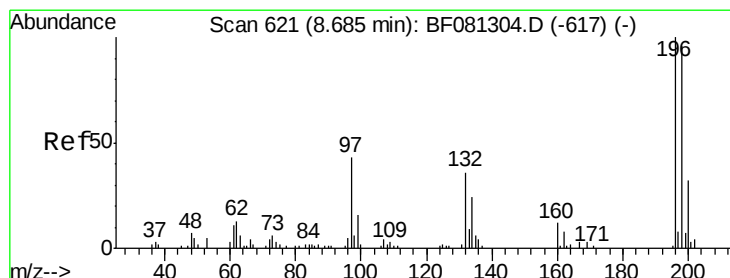
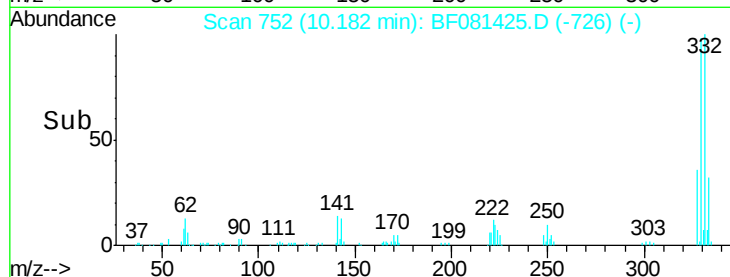
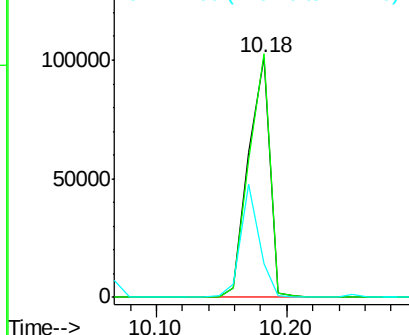
#41
 2,4,6-Tribromophenol
 Concen: 115.03 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	114.8
141	40.6	29.7	44.5

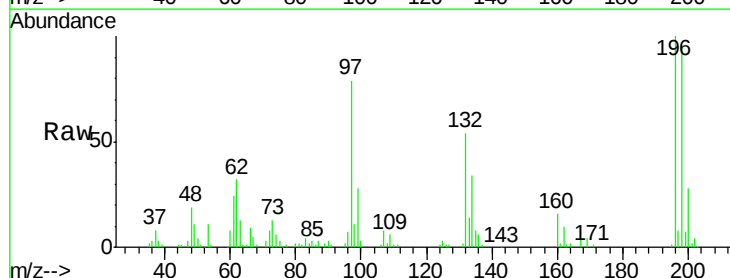


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

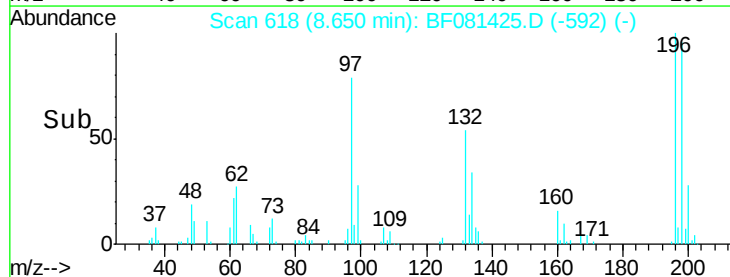
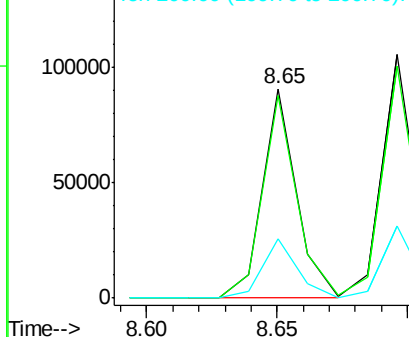


#42
 2,4,6-Trichlorophenol
 Concen: 33.63 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	28.3	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

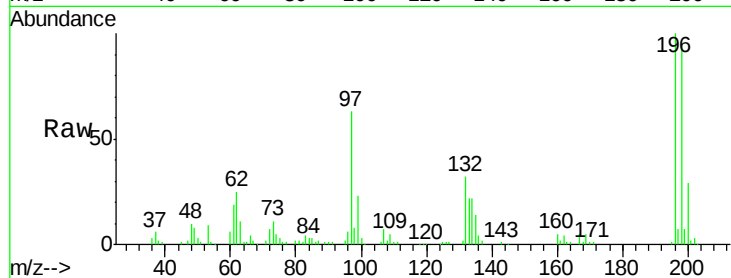




#43
 2,4,5-Trichlorophenol
 Concen: 36.66 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.4	113.0
97	63.1	33.3	49.9
132	32.0	24.6	37.0



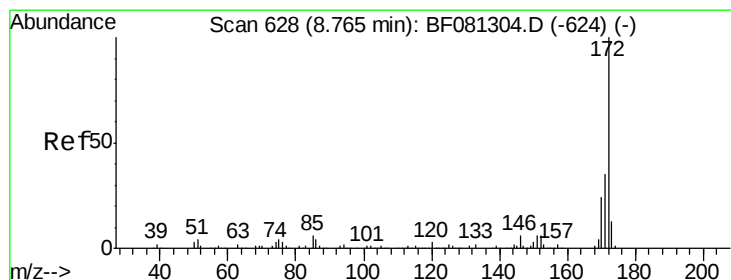
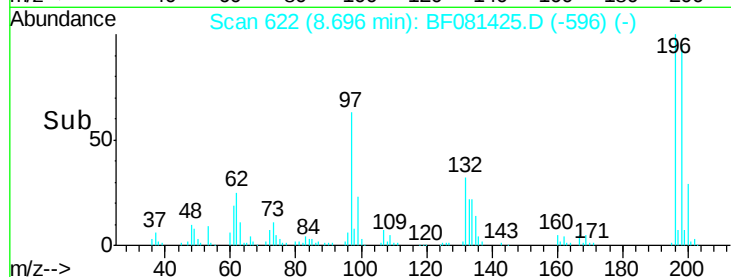
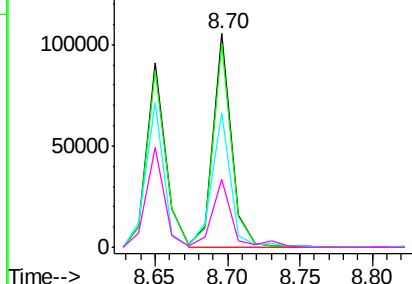
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

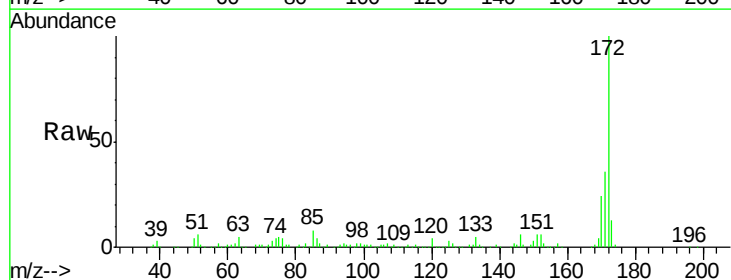
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 61.53 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	23.9	17.4	26.2

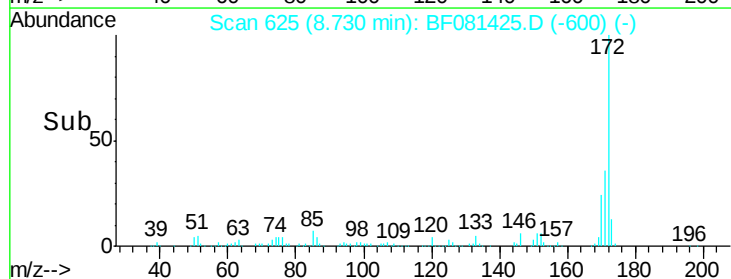
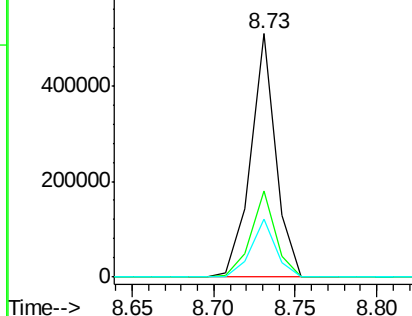


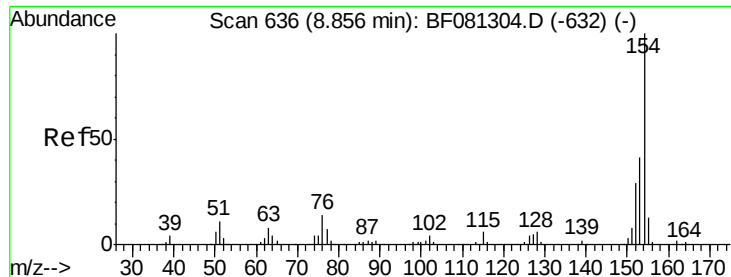
Abundance

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: 33.11 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

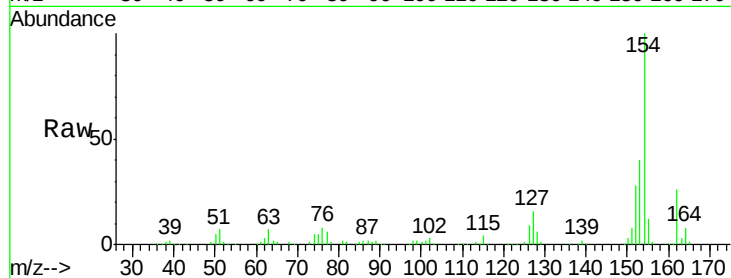
Tot Ion:154 Resp: 344812

Ion Ratio Lower Upper

154 100

153 40.1 17.1 57.1

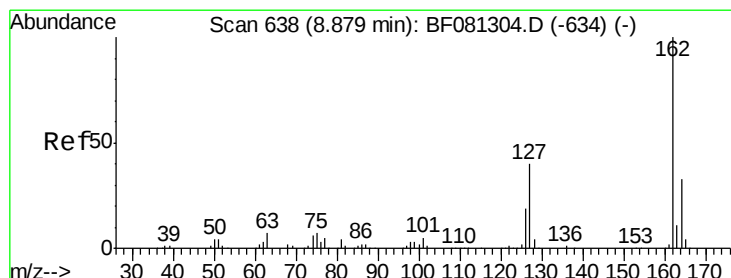
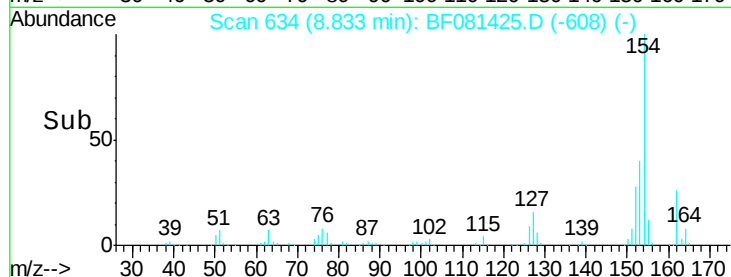
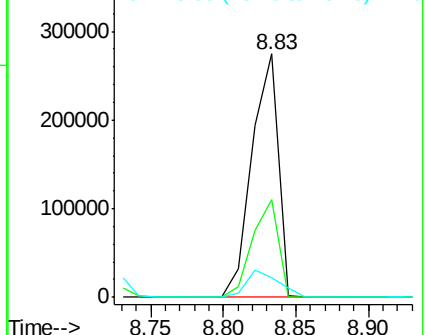
76 8.3 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.61 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

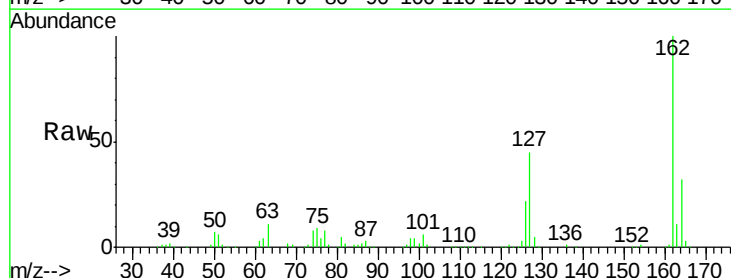
Tgt Ion:162 Resp: 260266

Ion Ratio Lower Upper

162 100

127 45.1 27.6 41.4#

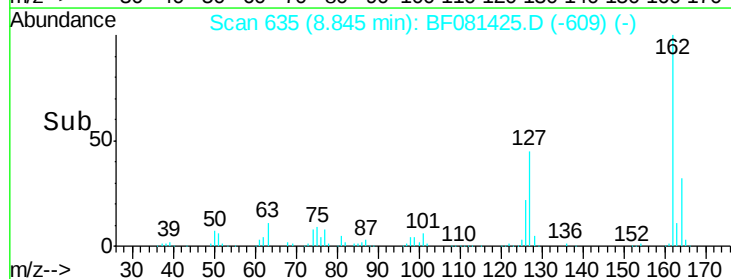
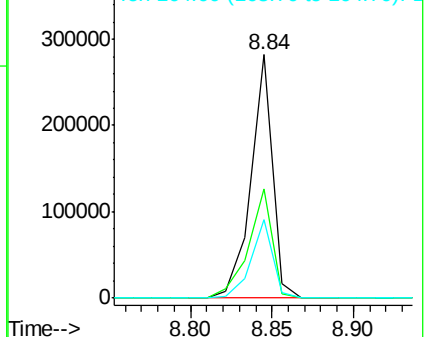
164 32.3 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

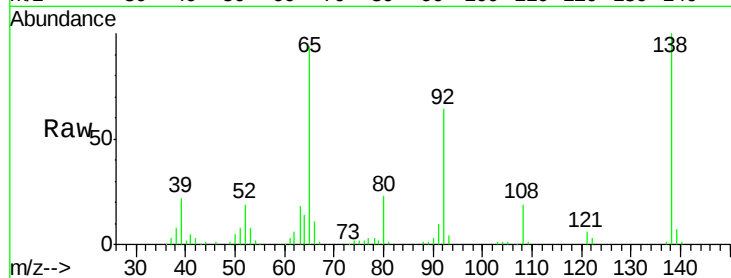




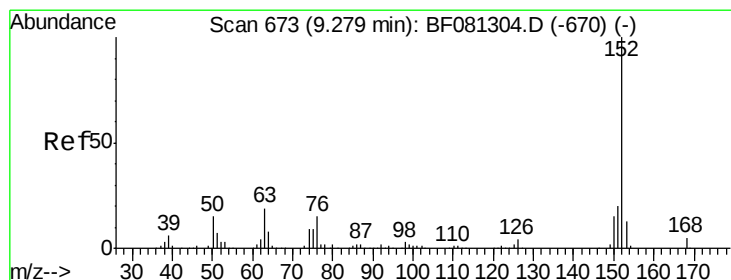
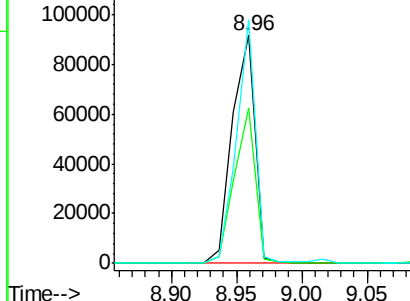
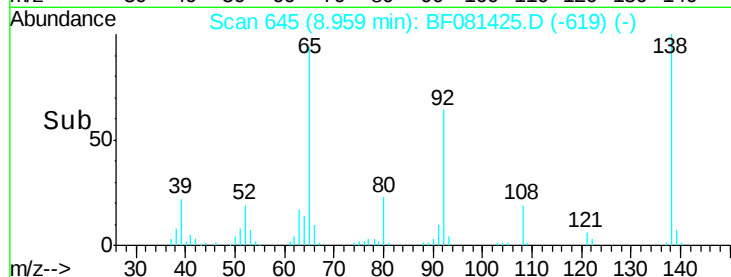
#47
2-Nitroaniline
Concen: 36.10 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 110661
Ion Ratio Lower Upper
65 100
92 68.3 55.4 83.0
138 106.9 115.5 173.3#

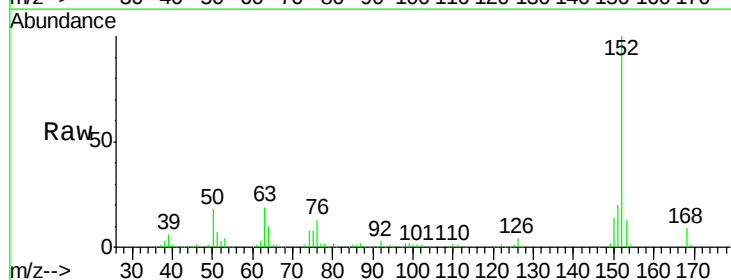


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

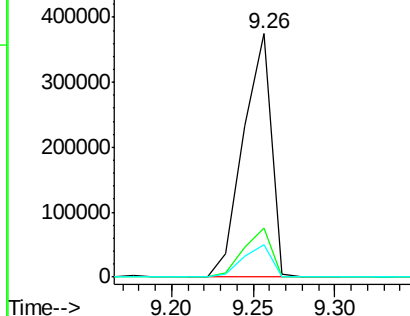
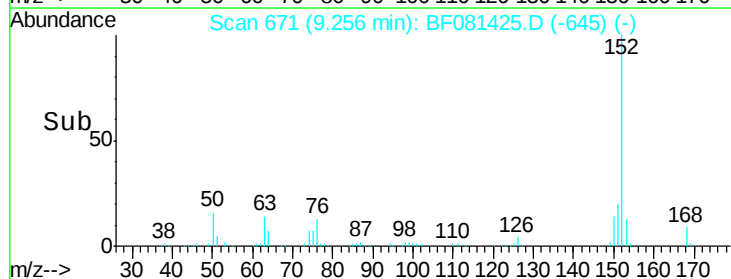


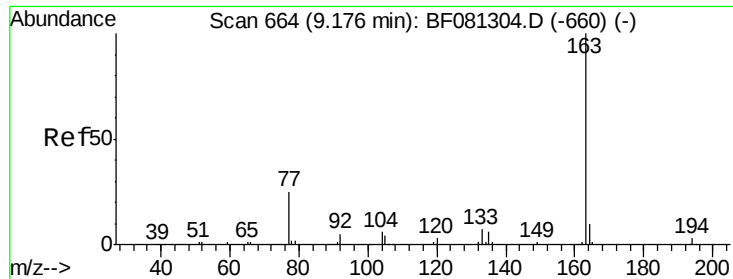
#48
Acenaphthylene
Concen: 33.43 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion: 152 Resp: 446006
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

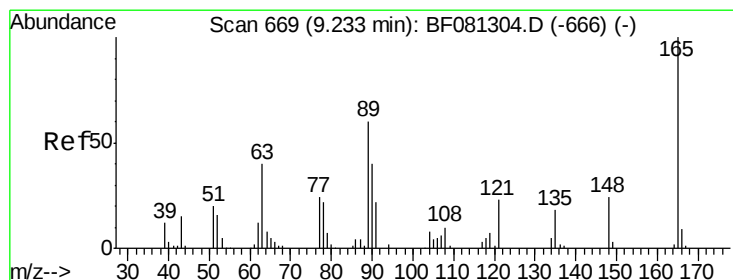
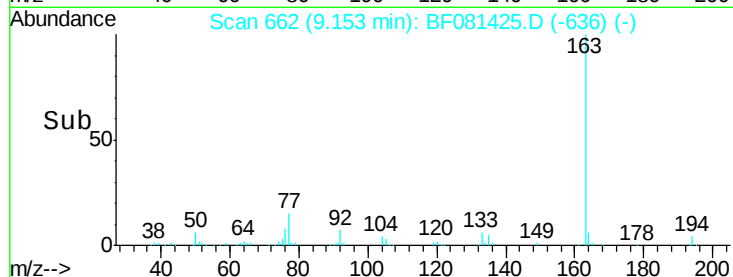
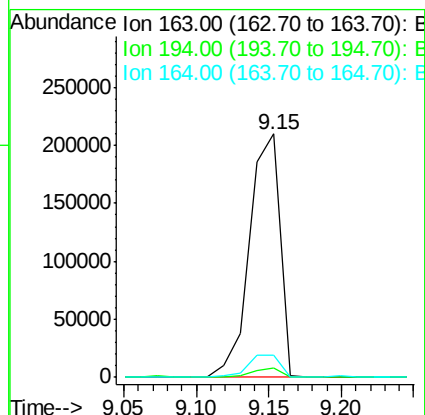
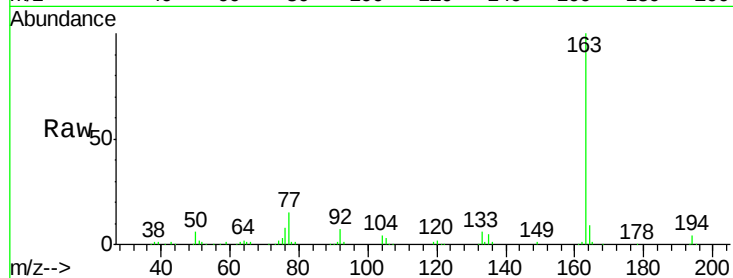




#49
Dimethylphthalate
Concen: 34.78 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

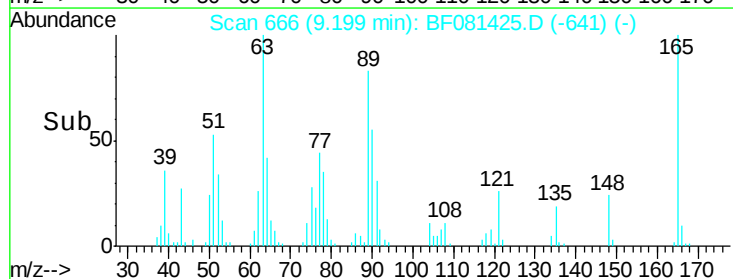
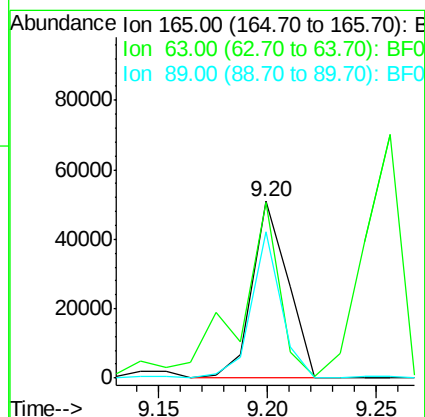
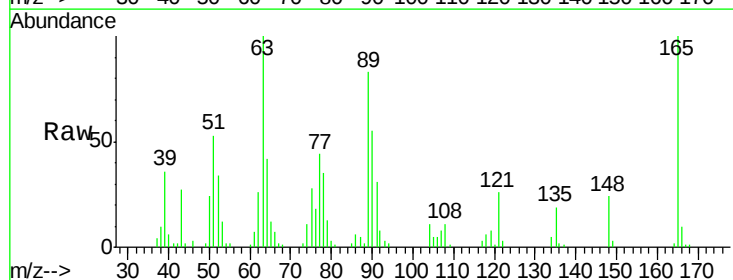
Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 305889
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 29.12 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion:165 Resp: 58126
Ion Ratio Lower Upper
165 100
63 99.9 32.3 48.5#
89 83.0 28.6 43.0#

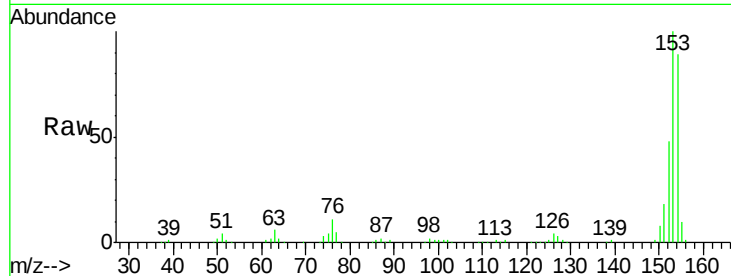




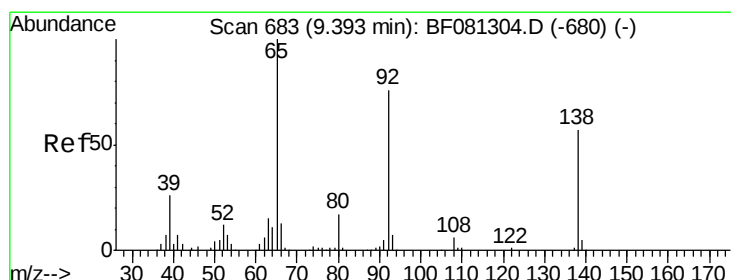
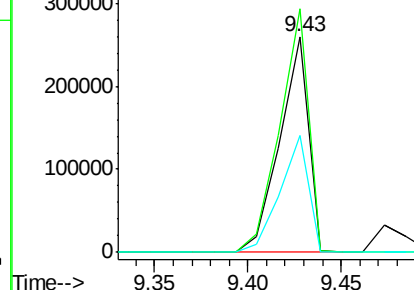
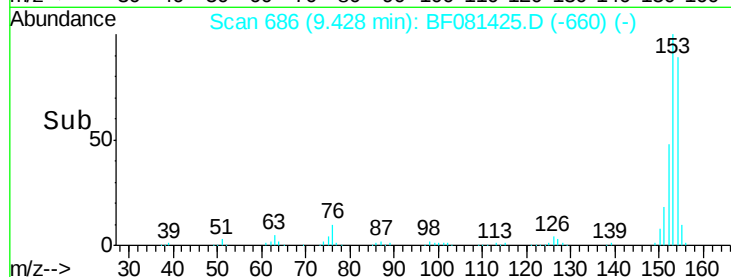
#51
Acenaphthene
Concen: 36.94 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 280401
Ion Ratio Lower Upper
154 100
153 112.8 82.1 123.1
152 54.2 37.9 56.9

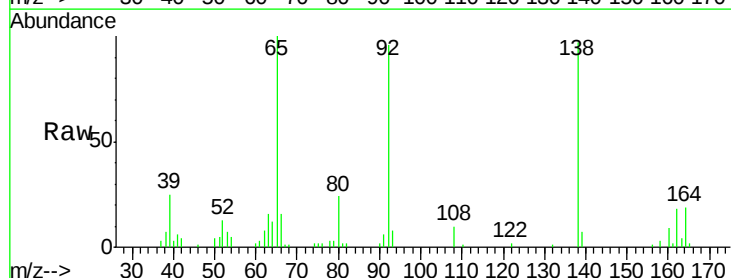


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

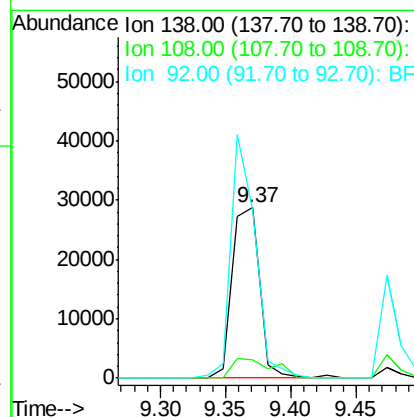
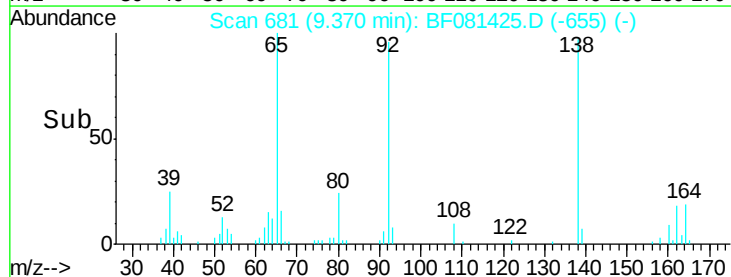


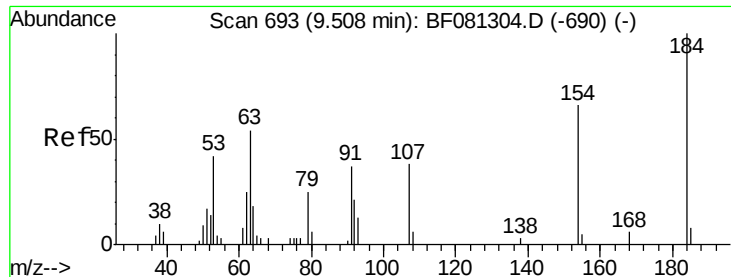
#52
3-Nitroaniline
Concen: 18.52 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion:138 Resp: 42085
Ion Ratio Lower Upper
138 100
108 10.4 5.7 8.5#
92 99.0 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

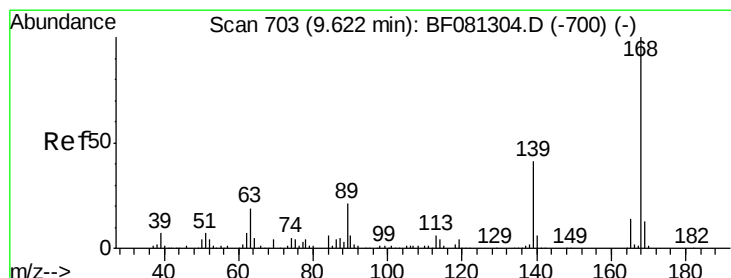
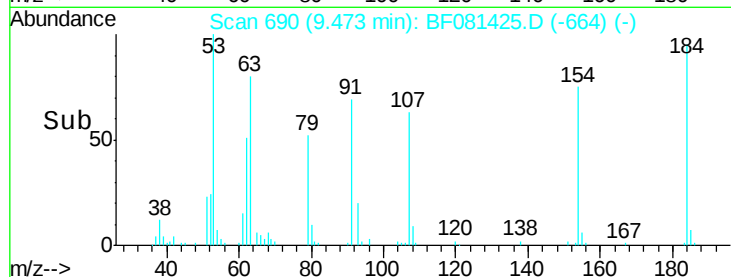
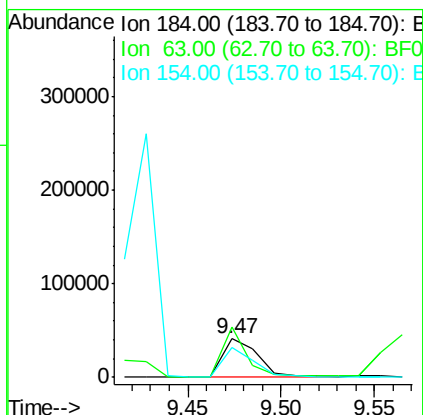
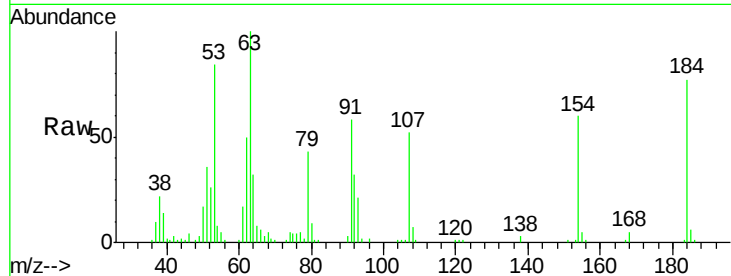




#53
 2,4-Dinitrophenol
 Concen: 66.08 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

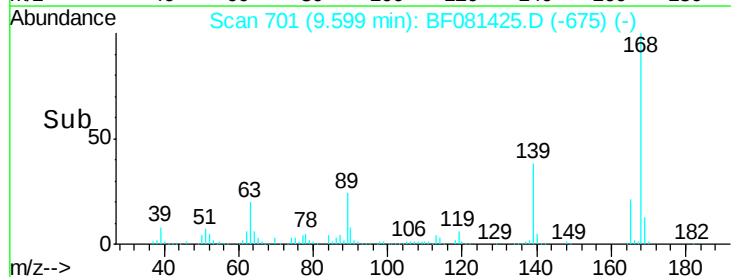
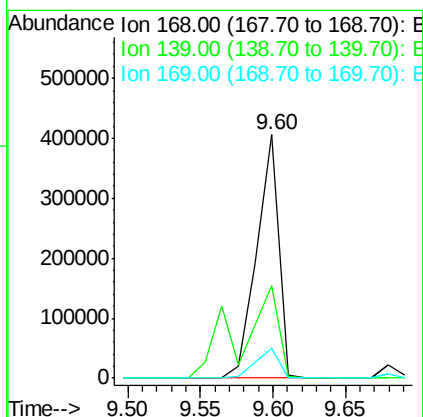
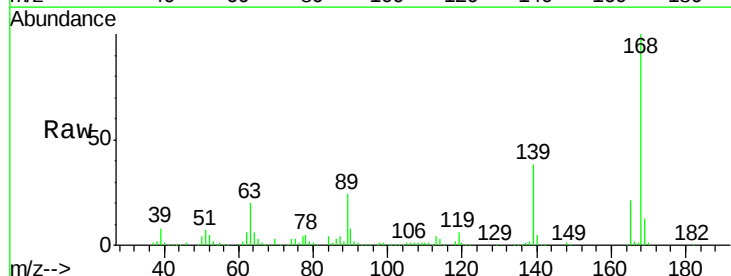
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 55555
 Ion Ratio Lower Upper
 184 100
 63 130.4 35.4 53.2#
 154 78.3 32.2 48.4#



#54
 Dibenzofuran
 Concen: 38.59 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion:168 Resp: 427726
 Ion Ratio Lower Upper
 168 100
 139 37.8 24.2 36.2#
 169 12.5 10.6 15.8

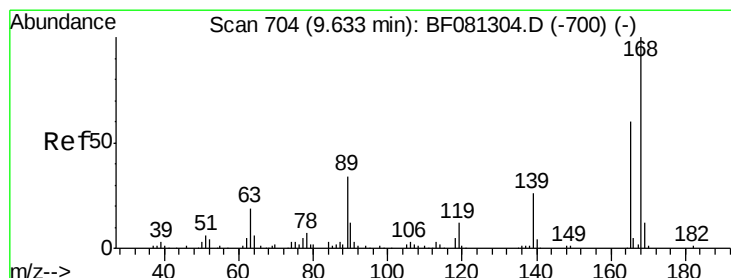
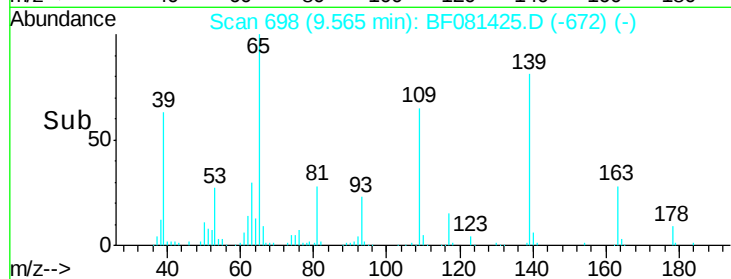
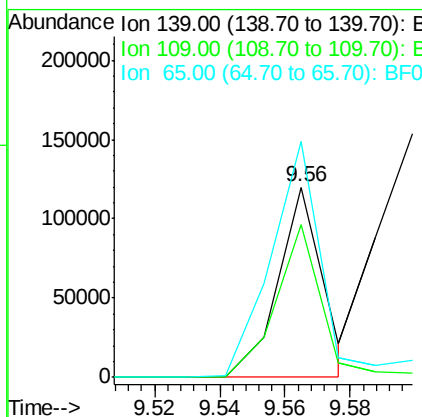
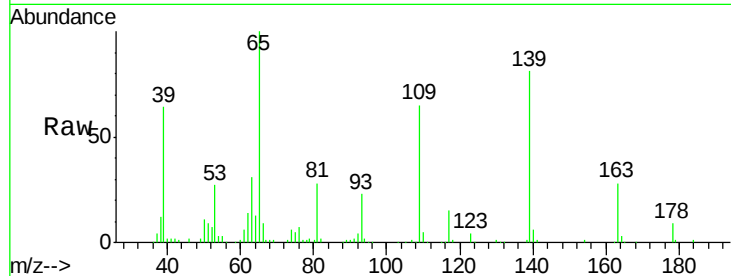




#55
4-Nitrophenol
Concen: 80.22 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

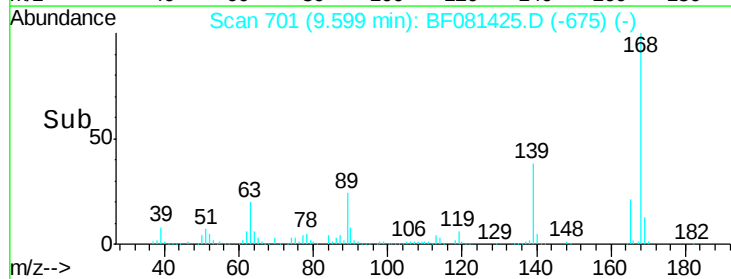
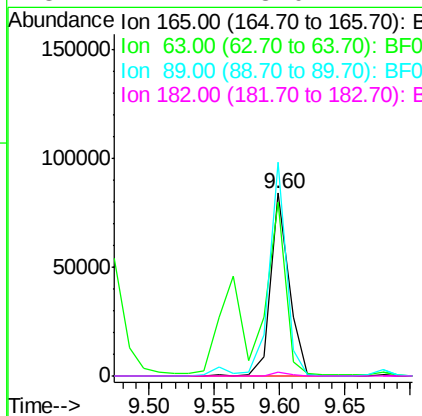
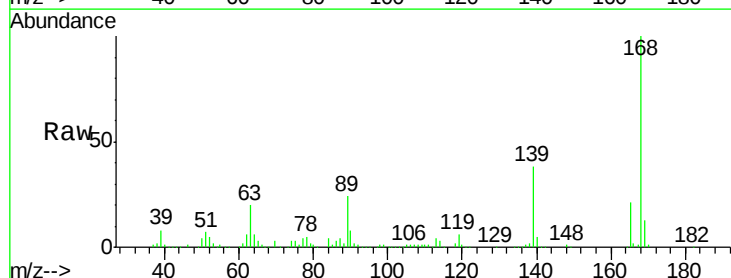
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 114518
Ion Ratio Lower Upper
139 100
109 80.4 12.7 52.7#
65 123.8 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 32.97 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion:165 Resp: 83788
Ion Ratio Lower Upper
165 100
63 95.5 29.8 44.6#
89 116.8 44.5 66.7#
182 2.1 3.0 4.4#

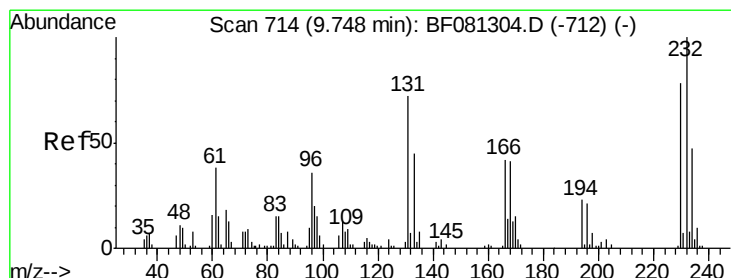
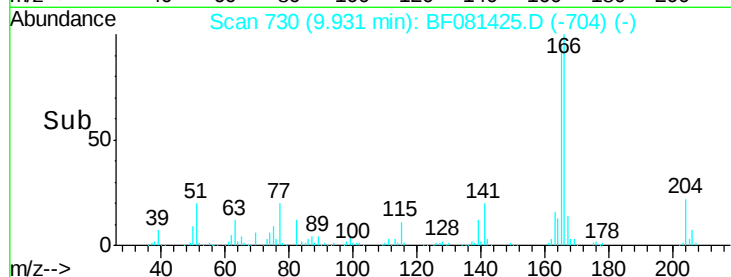
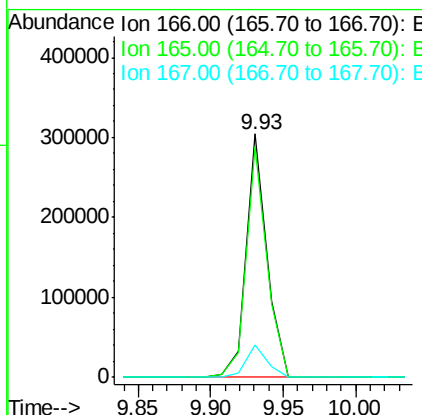
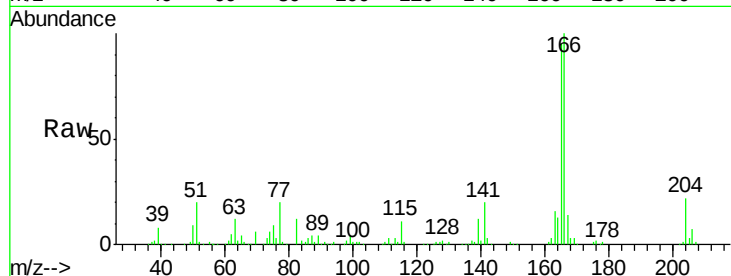




#57
 Fluorene
 Concen: 35.67 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

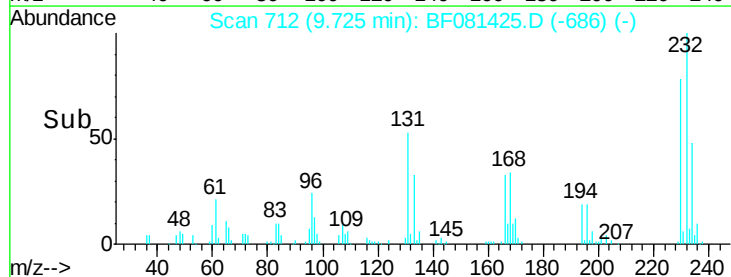
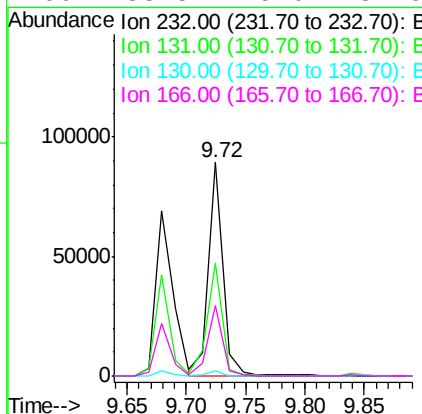
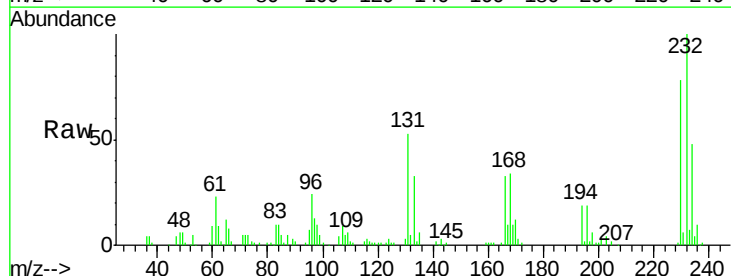
Instrument :
 BNA_F
 ClientSampleId :

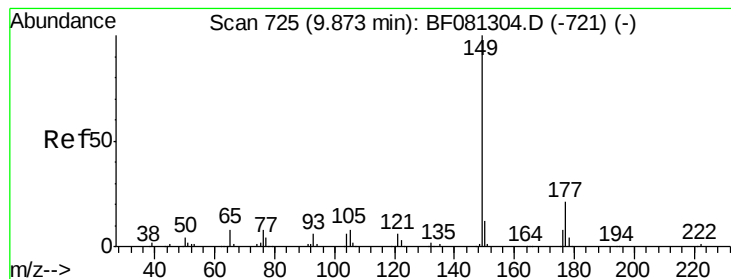
Tot Ion:166 Resp: 300028
 Ion Ratio Lower Upper
 166 100
 165 94.8 72.6 109.0
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.99 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion:232 Resp: 76957
 Ion Ratio Lower Upper
 232 100
 131 55.0 38.5 57.7
 130 2.4 1.8 2.6
 166 33.5 25.0 37.6





#59

Diethylphthalate

Concen: 35.14 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

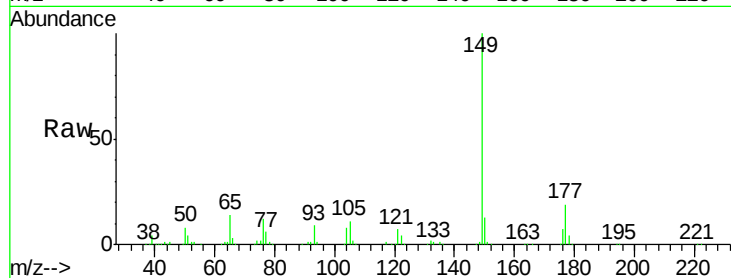
Tot Ion:149 Resp: 325116

Ion Ratio Lower Upper

149 100

177 18.6 17.5 26.3

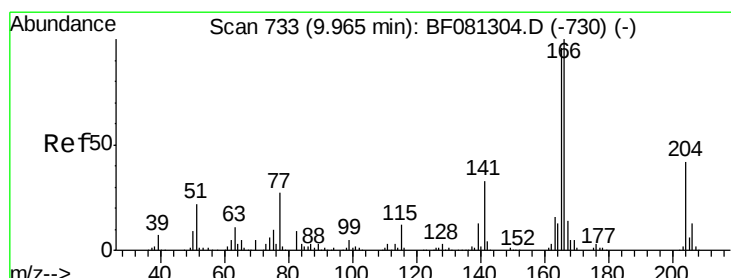
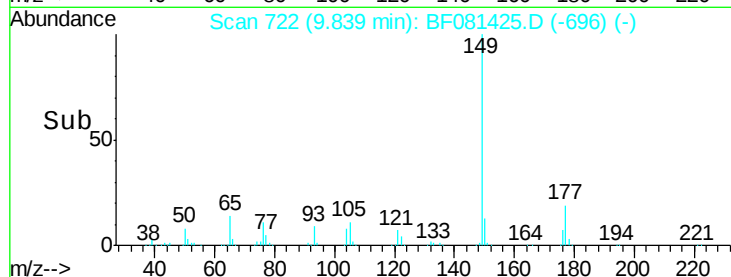
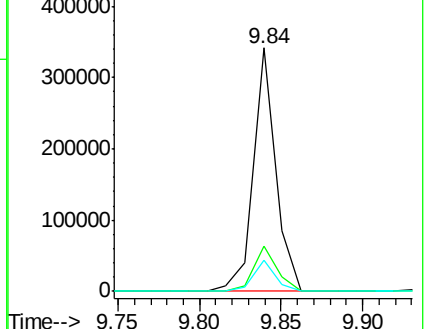
150 12.8 9.4 14.2



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: 38.76 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

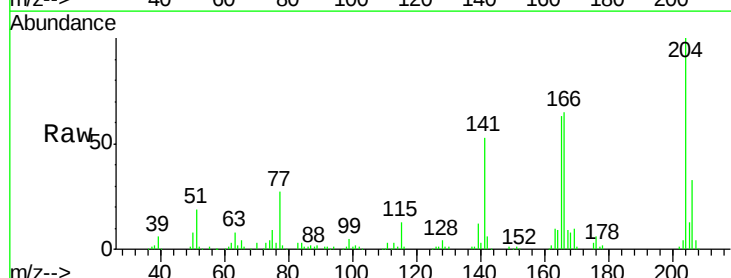
Tgt Ion:204 Resp: 151919

Ion Ratio Lower Upper

204 100

206 32.7 24.8 37.2

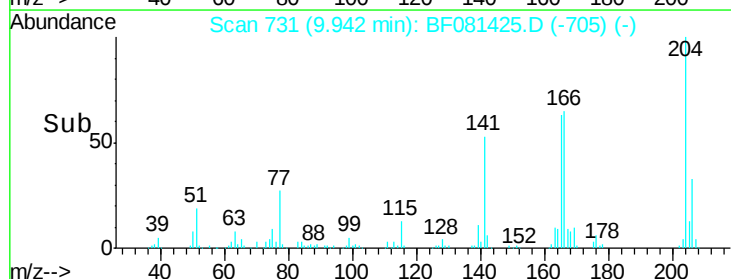
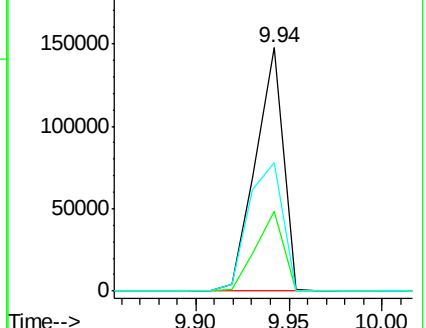
141 53.0 42.2 63.4



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: 34.11 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

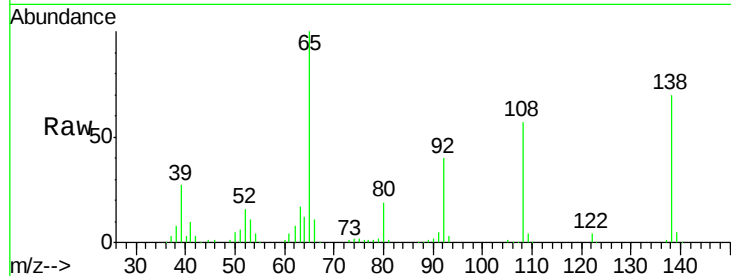
Tot Ion:138 Resp: 78313

Ion Ratio Lower Upper

138 100

92 58.0 12.6 52.6#

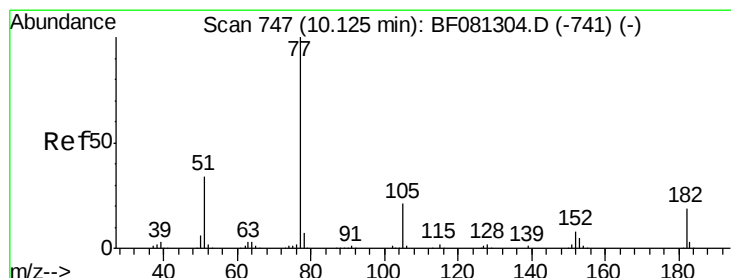
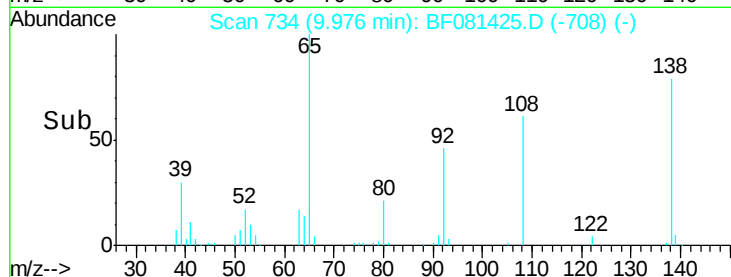
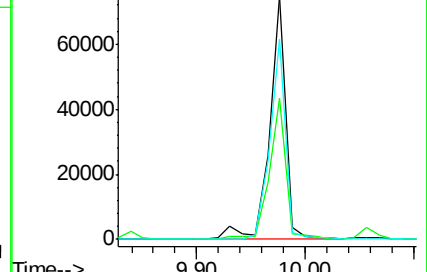
108 82.3 12.4 52.4#



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: 36.19 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Tgt Ion: 77 Resp: 372234

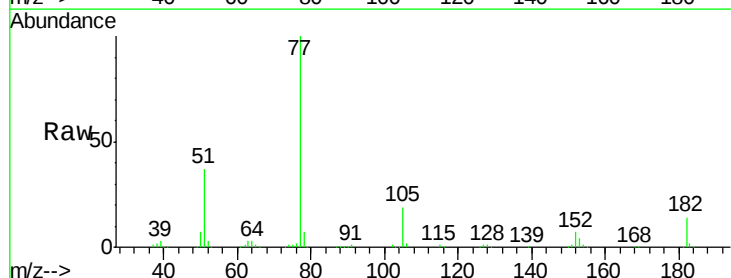
Ion Ratio Lower Upper

77 100

182 14.0 15.1 55.1#

105 19.2 3.4 43.4

51 37.2 12.0 52.0

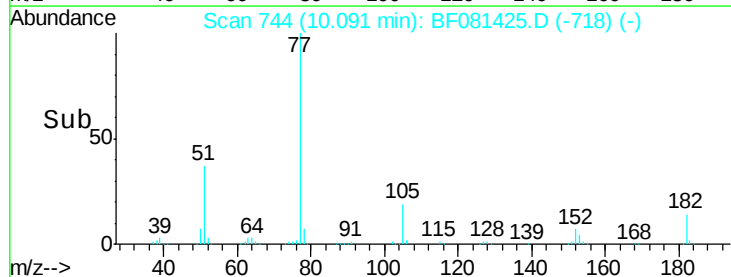
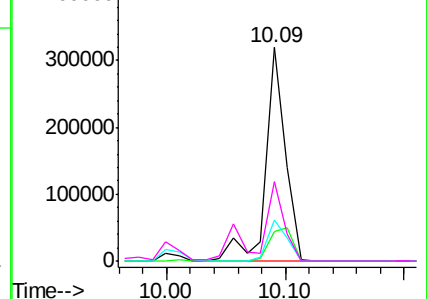


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

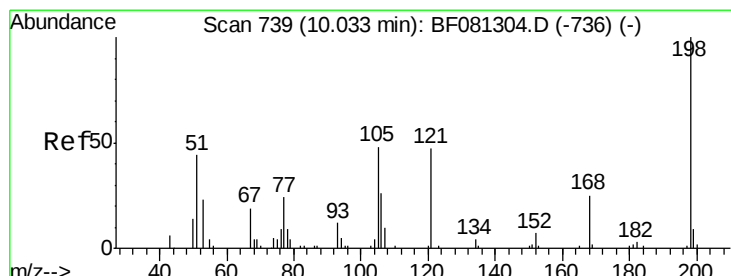
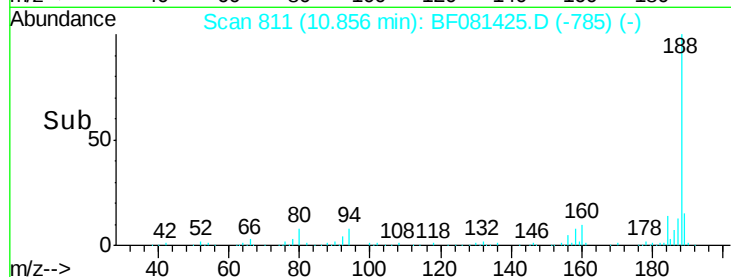
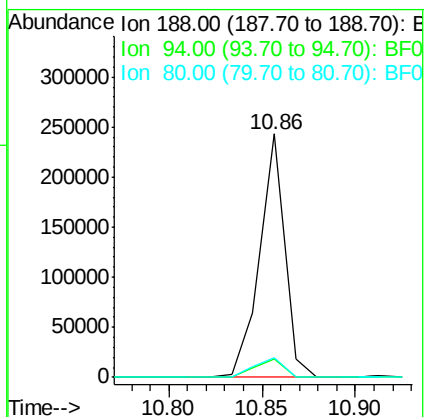
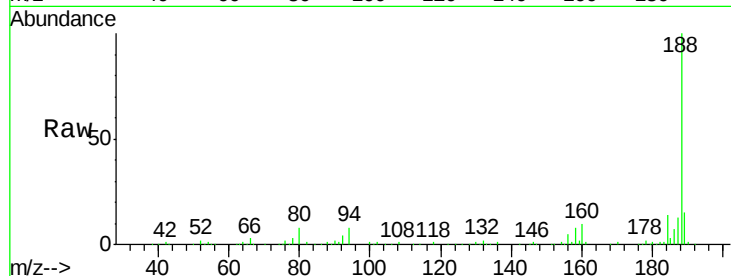




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

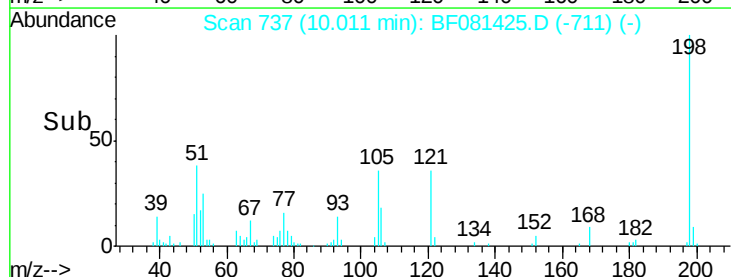
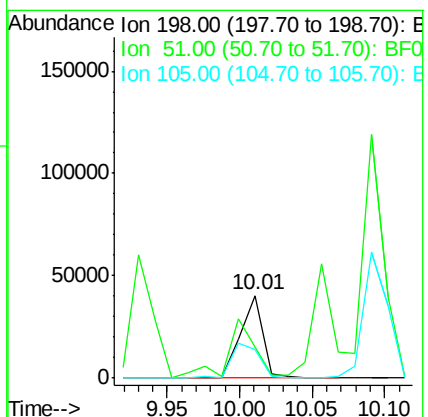
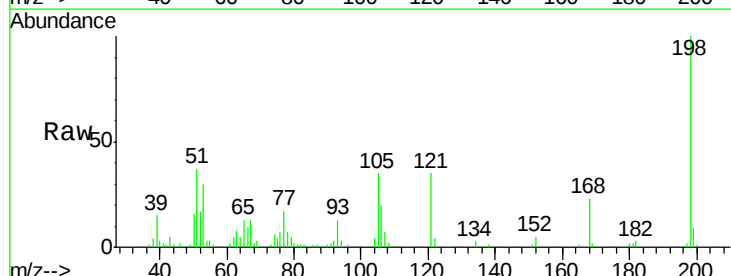
Instrument :
BNA_F
ClientSampleId :

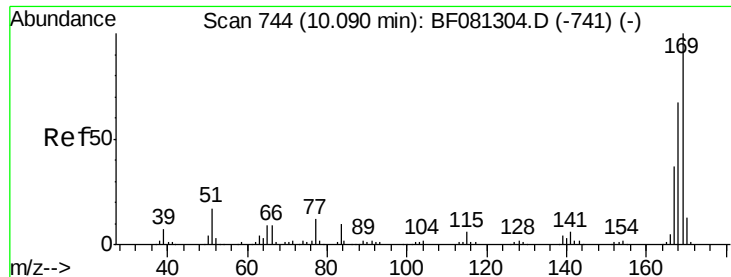
Tot Ion:188 Resp: 225955
Ion Ratio Lower Upper
188 100
94 7.7 11.1 16.7#
80 8.2 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.32 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion:198 Resp: 43369
Ion Ratio Lower Upper
198 100
51 37.3 39.6 79.6#
105 35.1 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 32.30 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

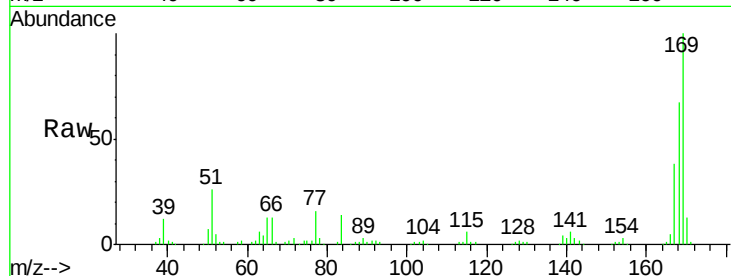
Tot Ion:169 Resp: 265610

Ion Ratio Lower Upper

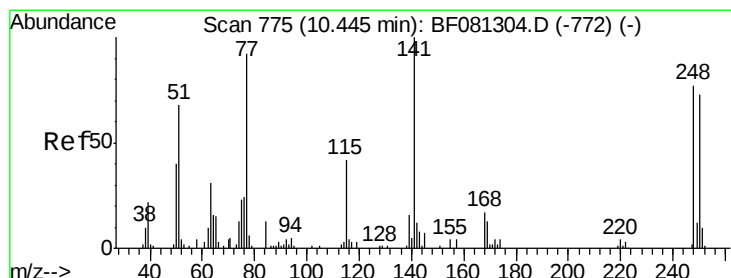
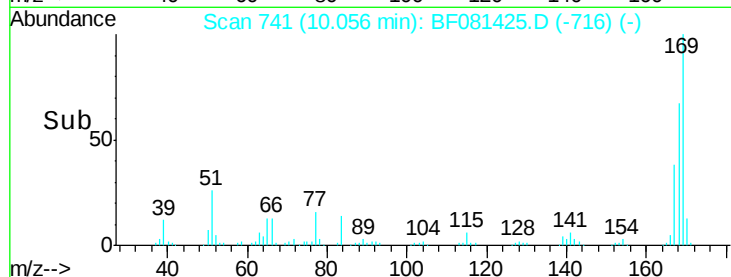
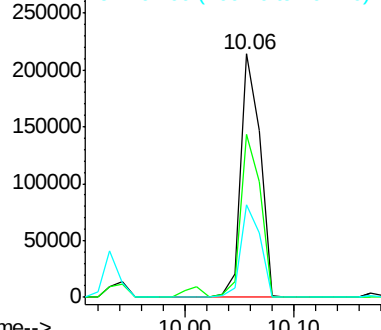
169 100

168 67.2 48.9 73.3

167 38.2 26.2 39.4



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



#66

4-Bromophenyl-phenylether

Concen: 38.89 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

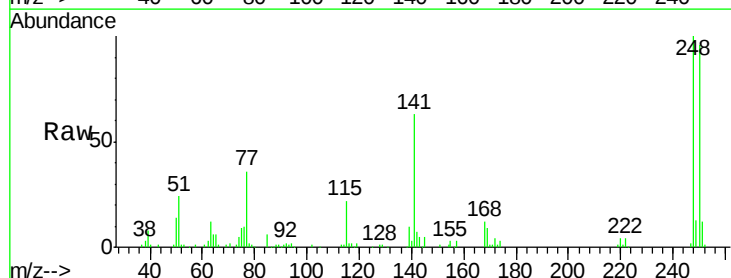
Tgt Ion:248 Resp: 88856

Ion Ratio Lower Upper

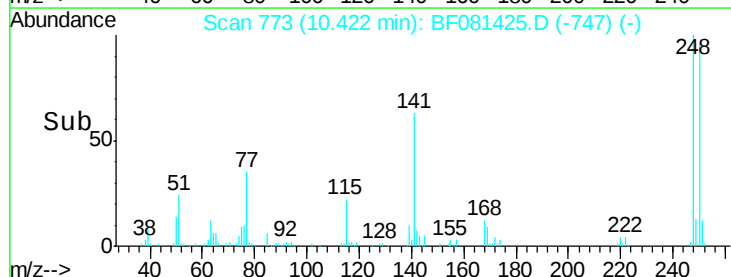
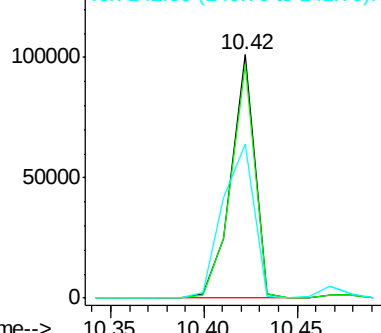
248 100

250 95.9 78.5 117.7

141 63.3 59.0 88.6



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

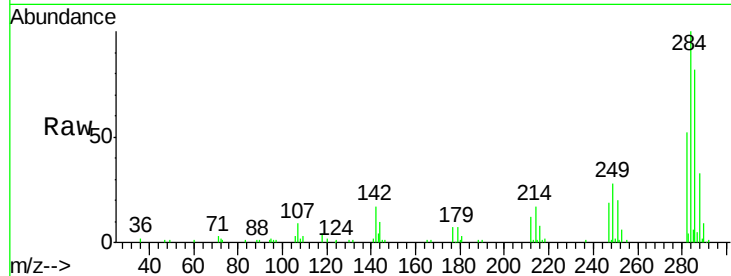




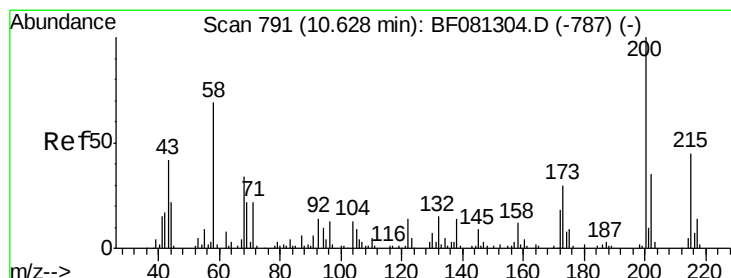
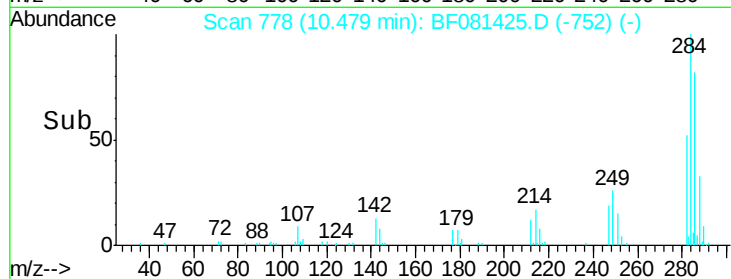
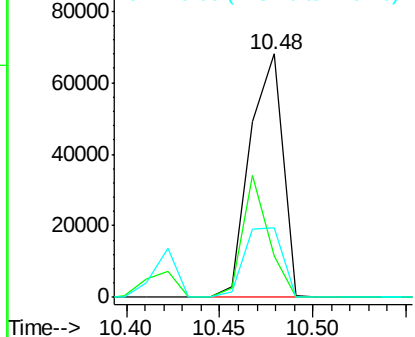
#67
Hexachlorobenzene
Concen: 34.73 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 82954
Ion Ratio Lower Upper
284 100
142 17.2 29.5 44.3#
249 28.4 19.5 29.3

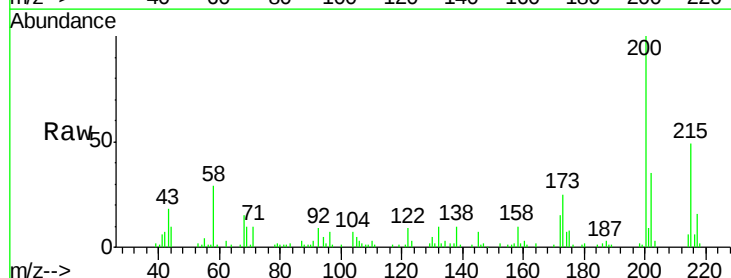


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

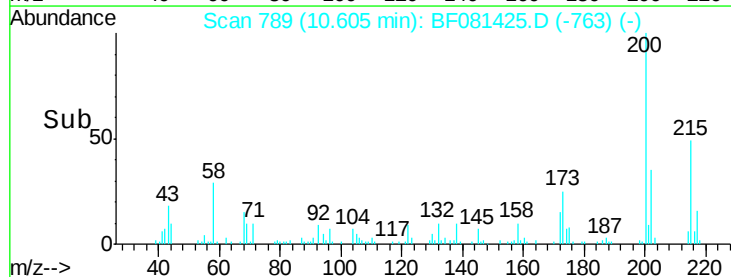
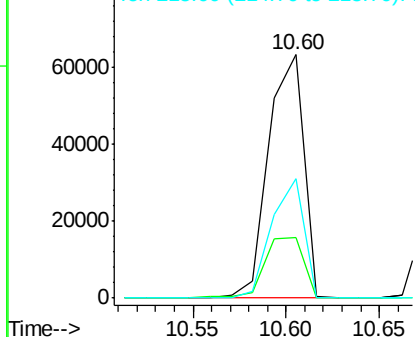


#68
Atrazine
Concen: 34.92 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF081425.D
Acq: 4 Sep 2015 18:18

Tgt Ion:200 Resp: 83078
Ion Ratio Lower Upper
200 100
173 24.7 13.2 53.2
215 49.0 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

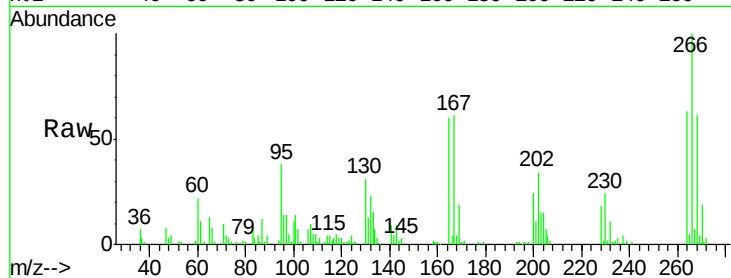




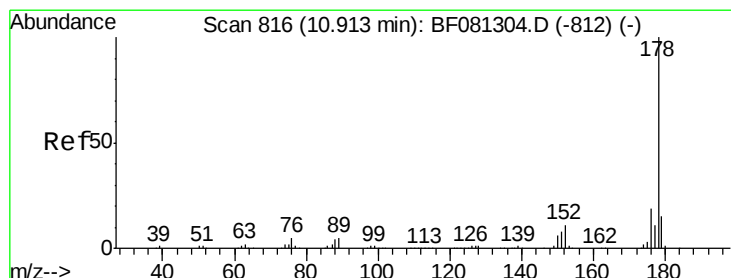
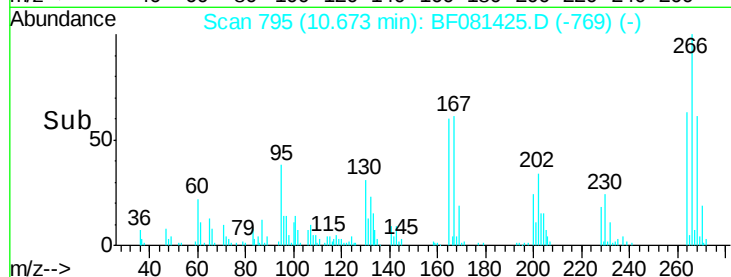
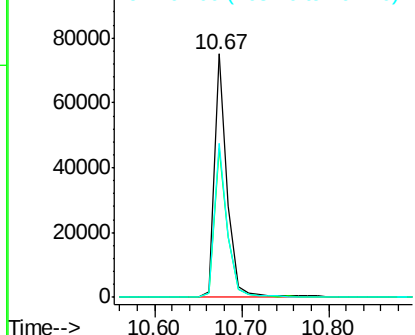
#69
 Pentachlorophenol
 Concen: 68.57 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 78112
 Ion Ratio Lower Upper
 266 100
 268 61.2 49.8 74.6
 264 63.4 50.2 75.2

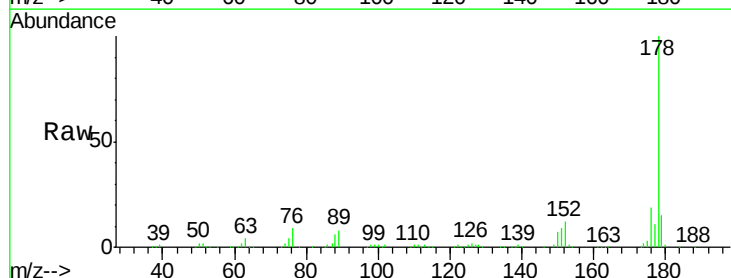


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

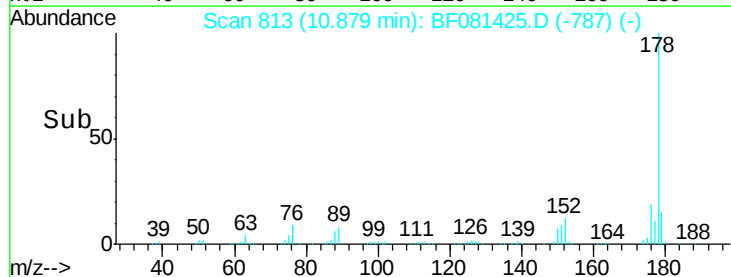
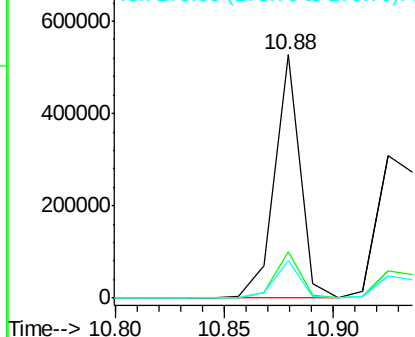


#70
 Phenanthrene
 Concen: 34.62 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion:178 Resp: 434855
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

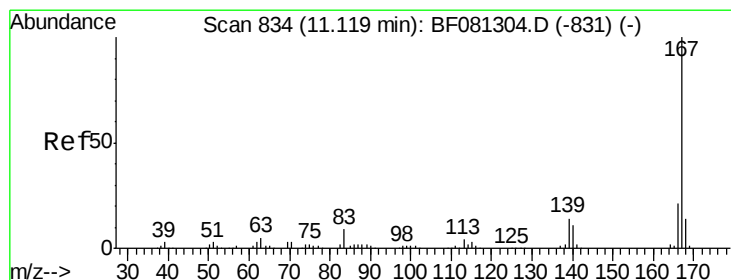
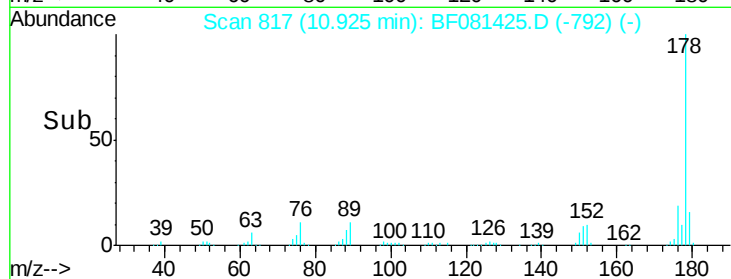
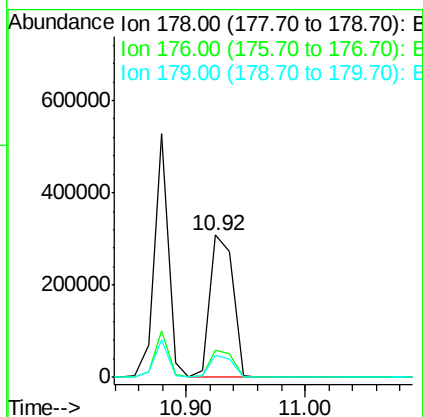
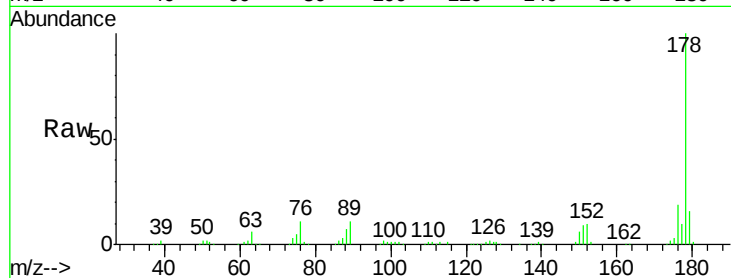




#71
 Anthracene
 Concen: 32.00 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

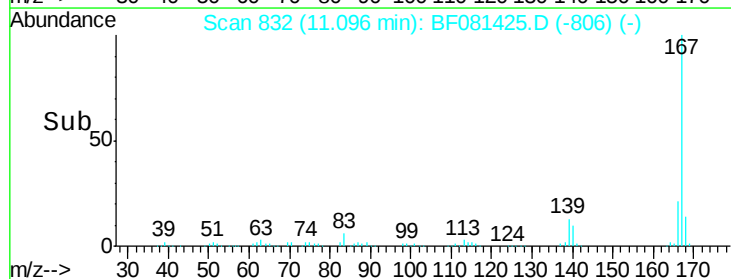
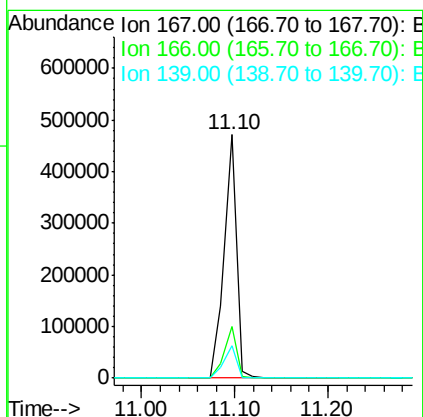
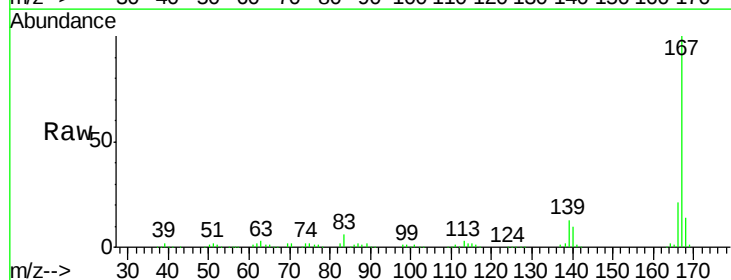
Instrument :
 BNA_F
 ClientSampleId :

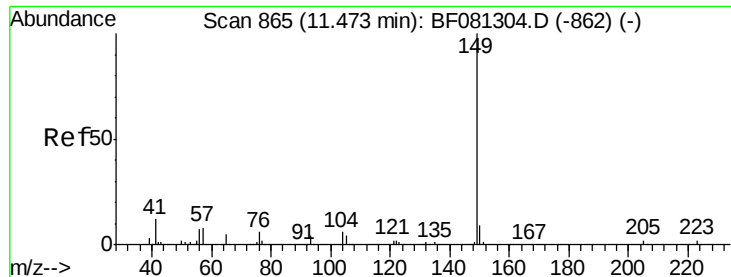
Tot Ion:178 Resp: 412945
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 15.6 12.2 18.2



#72
 Carbazole
 Concen: 35.91 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion:167 Resp: 434956
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.7 23.5
 139 13.4 9.5 14.3





#73

Di-n-butylphthalate

Concen: 36.17 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

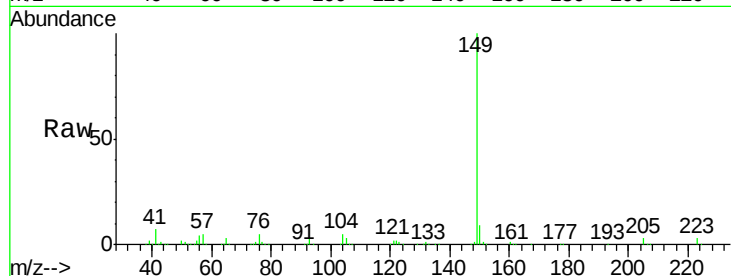
Tot Ion:149 Resp: 517228

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

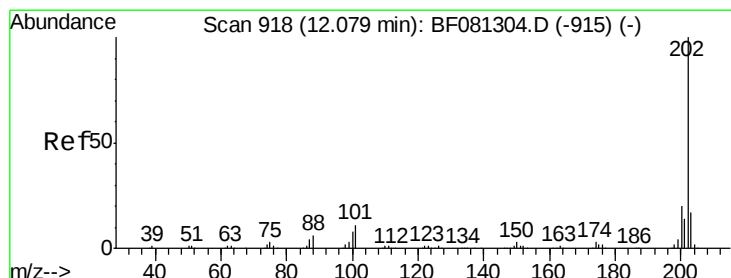
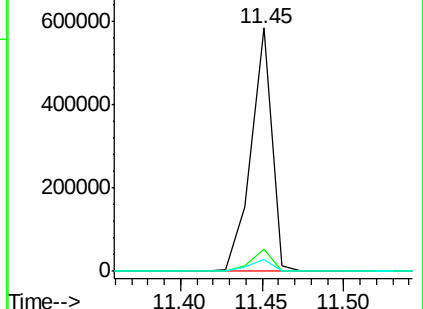
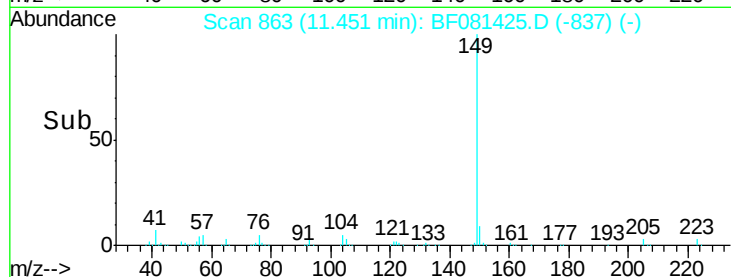
104 4.8 2.4 3.6#



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: 32.67 ng

RT: 12.05 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

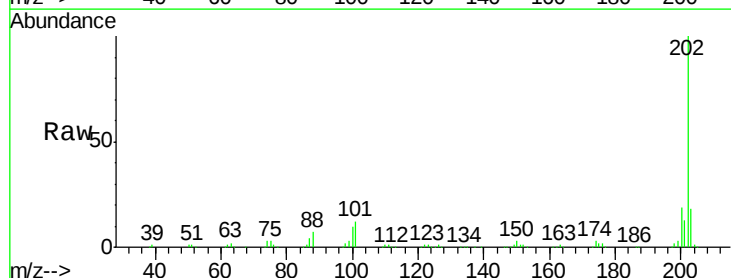
Tgt Ion:202 Resp: 444256

Ion Ratio Lower Upper

202 100

101 12.2 0.0 38.3

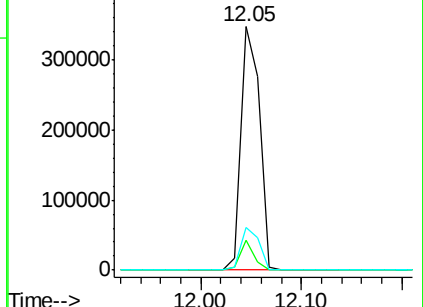
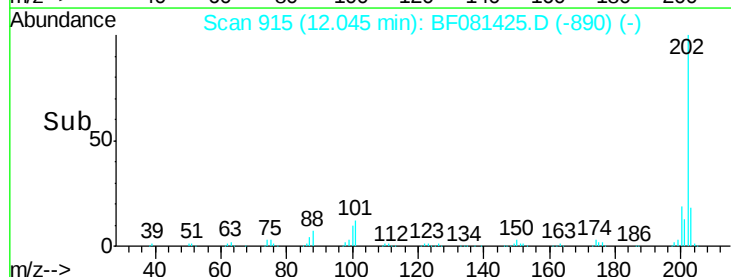
203 17.8 0.0 37.3

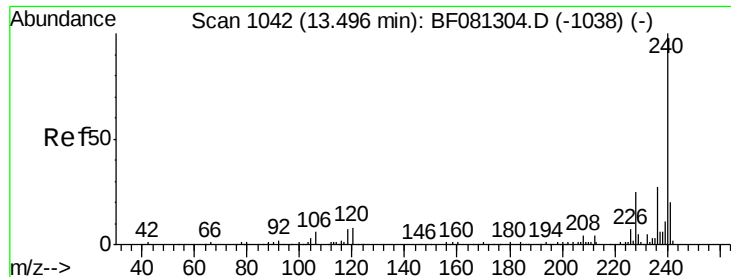


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.46 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

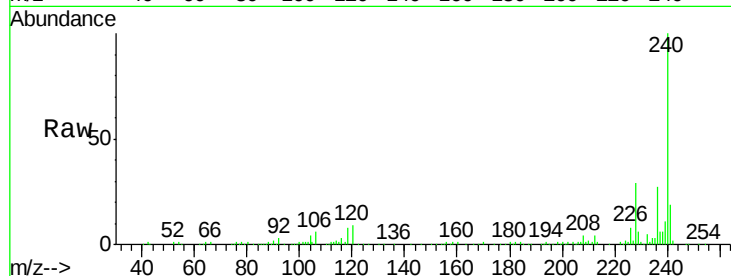
Tot Ion:240 Resp: 173897

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

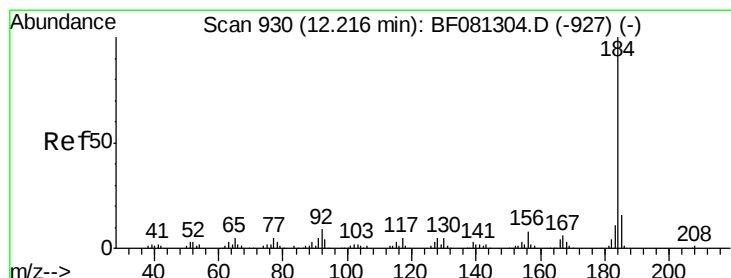
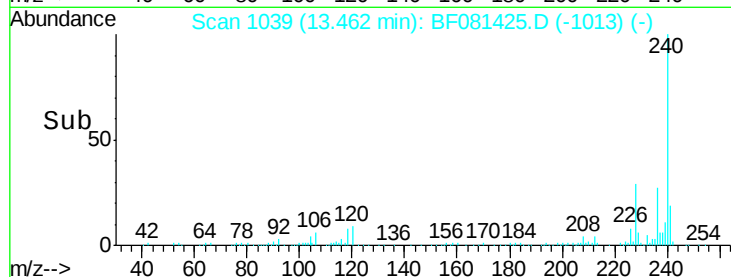
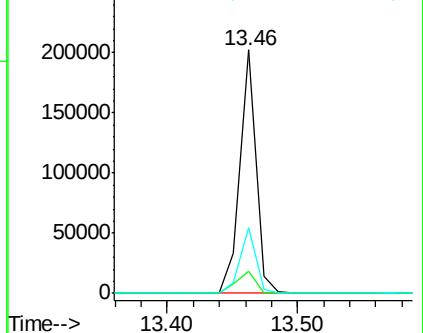
236 26.8 18.4 27.6



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: 24.46 ng

RT: 12.19 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

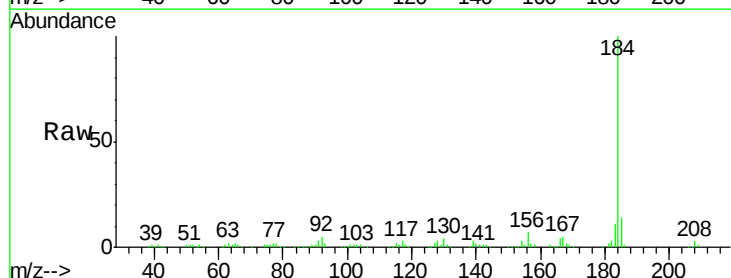
Tgt Ion:184 Resp: 182592

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

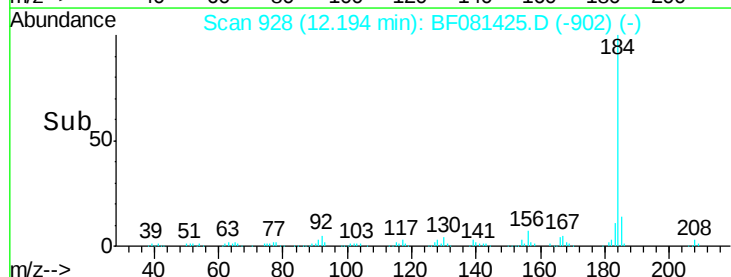
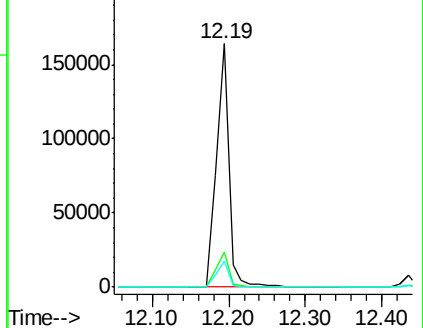
183 10.6 7.6 11.4

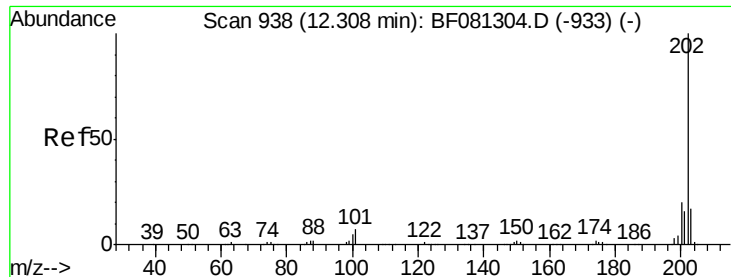


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

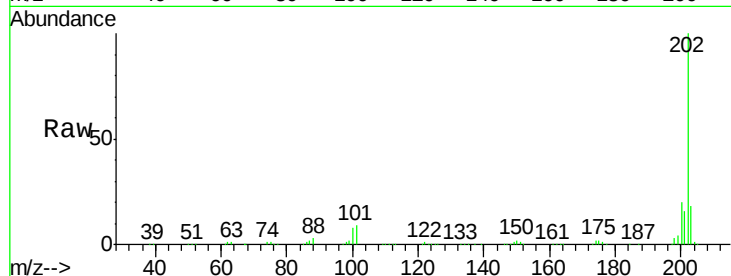




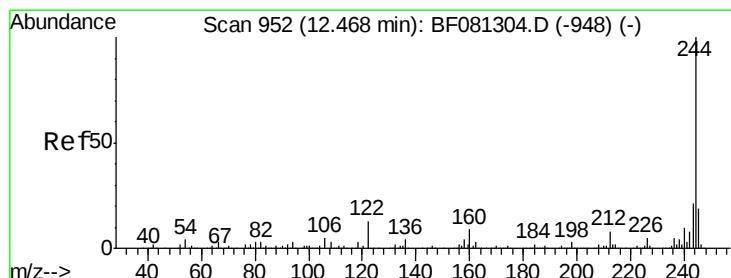
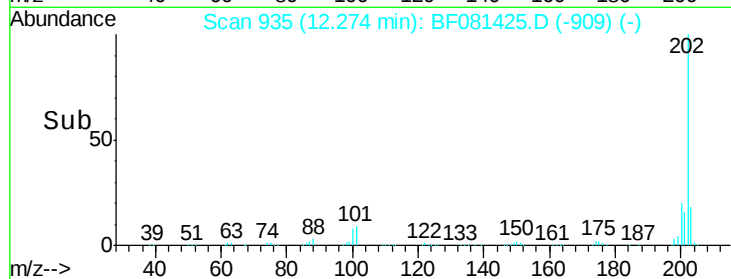
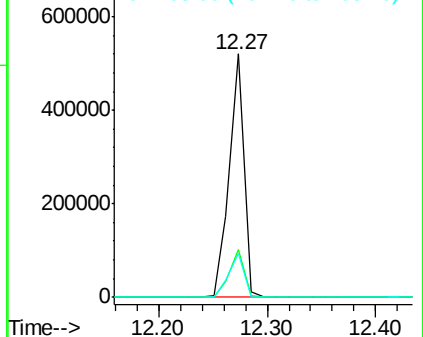
#77
 Pvrene
 Concen: 38.02 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 489771
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.0 22.4
 203 17.8 14.1 21.1

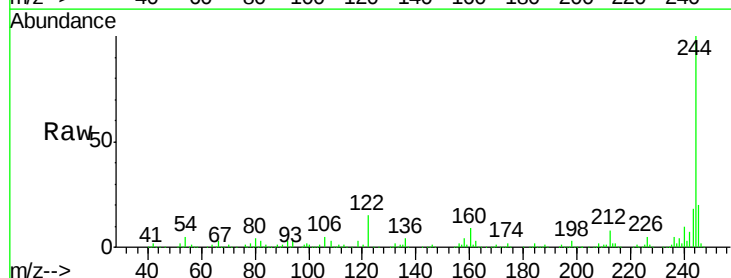


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

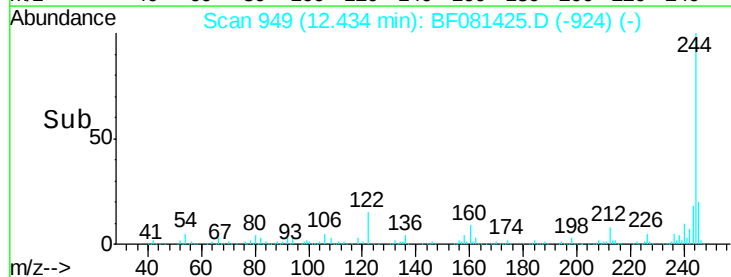
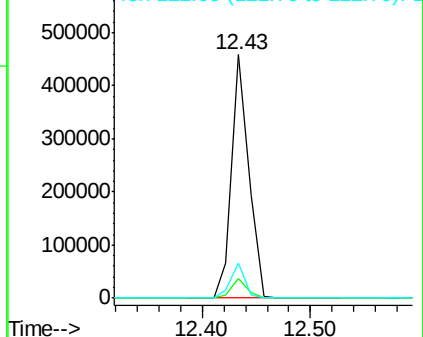


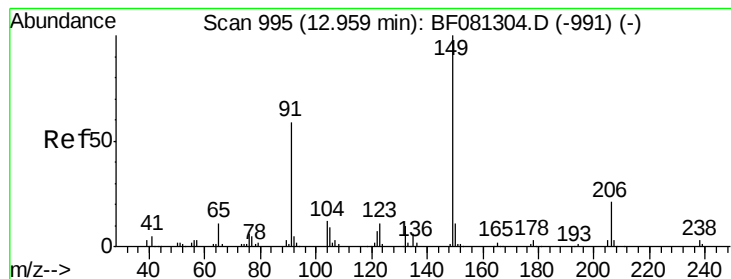
#78
 Terphenyl-d14
 Concen: 66.50 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion:244 Resp: 496752
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 14.6 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.55 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampled :

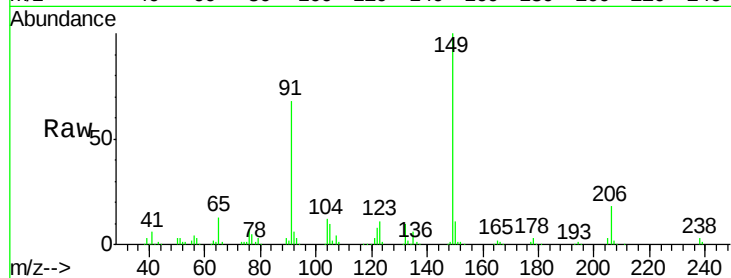
Tot Ion:149 Resp: 204764

Ion Ratio Lower Upper

149 100

91 67.5 48.6 72.8

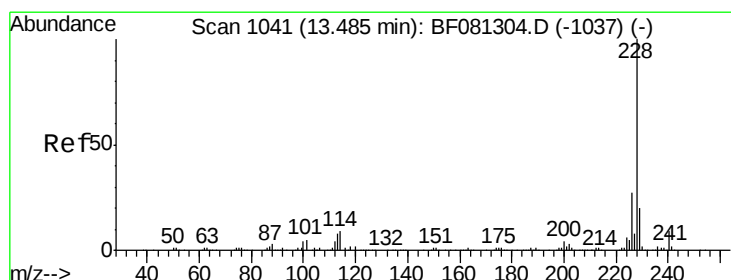
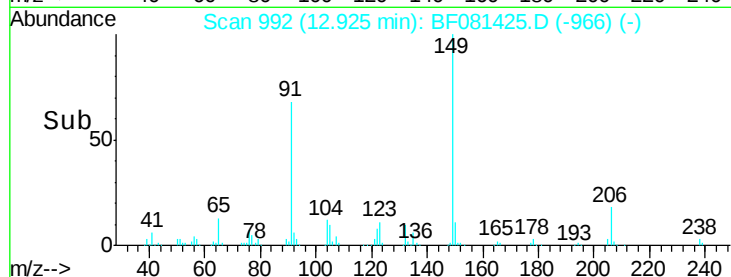
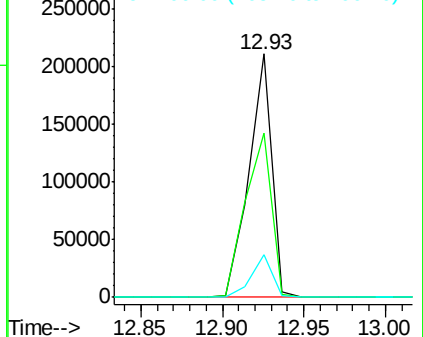
206 17.7 14.9 22.3



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: 34.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

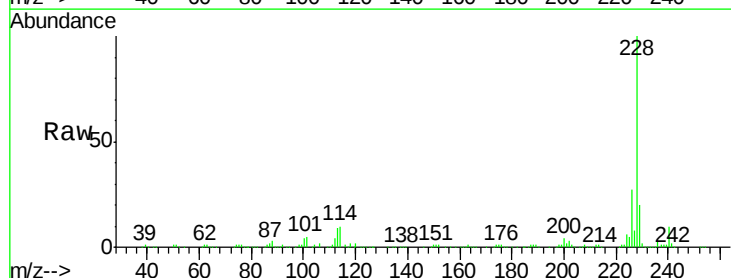
Tgt Ion:228 Resp: 376491

Ion Ratio Lower Upper

228 100

226 27.1 20.0 30.0

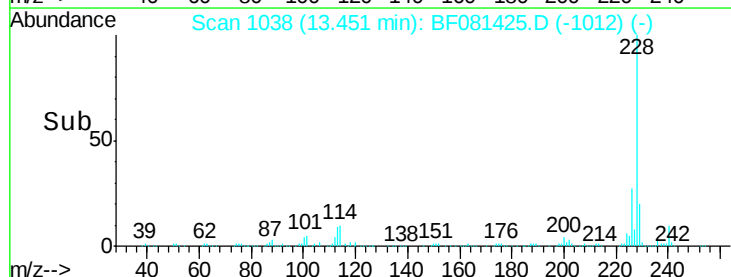
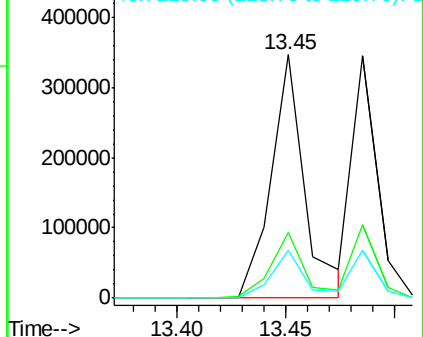
229 19.8 15.4 23.2



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

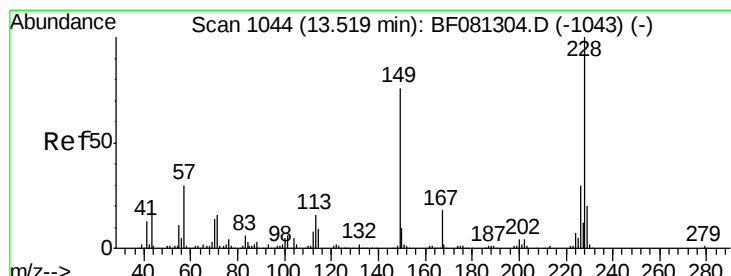
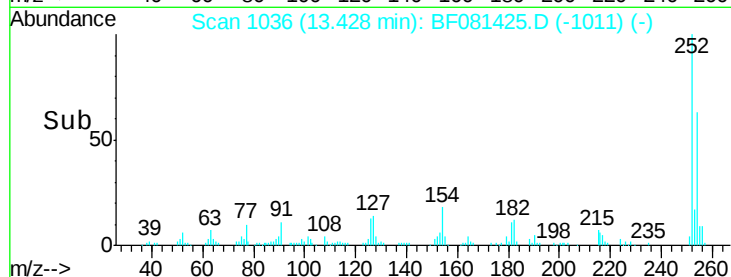
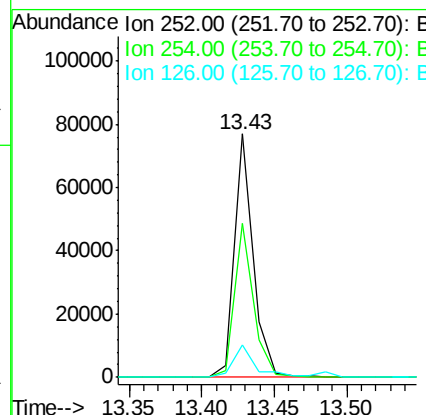
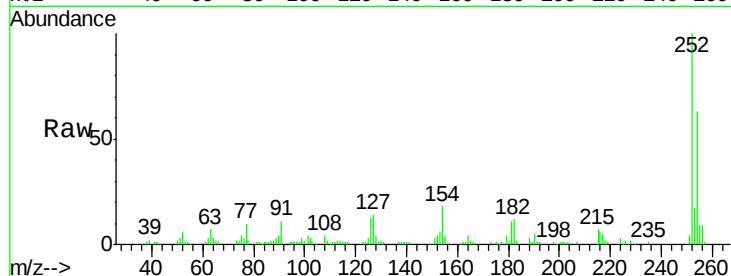




#81
 3,3'-Dichlorobenzidine
 Concen: 18.44 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

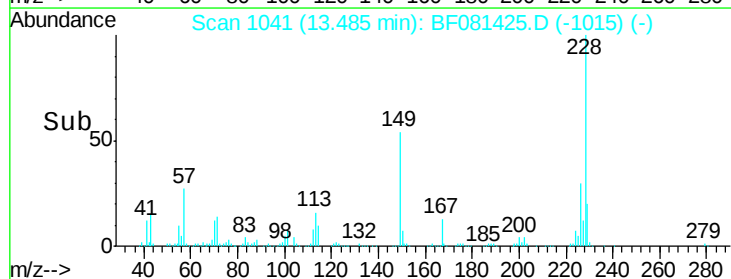
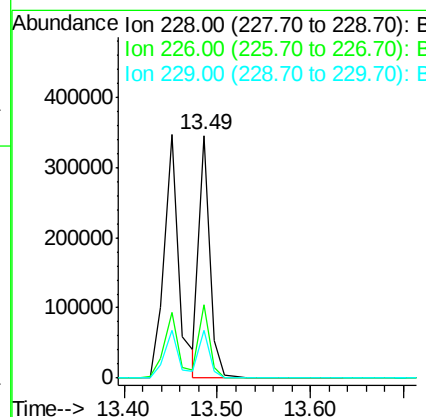
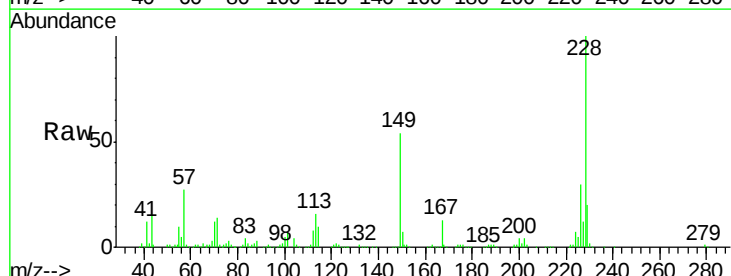
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.4	77.2
126	13.1	16.4	24.6



#82
 Chrysene
 Concen: 28.30 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	19.5	15.6	23.4

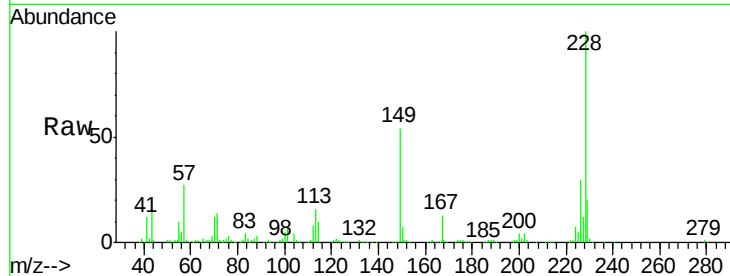




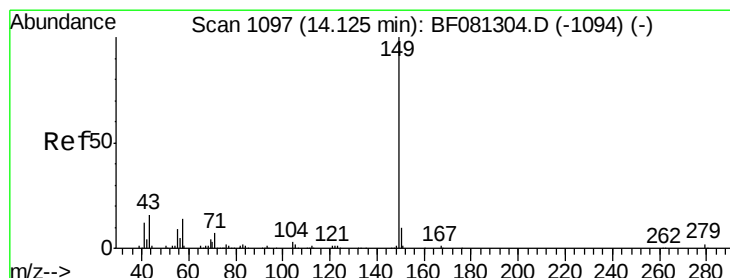
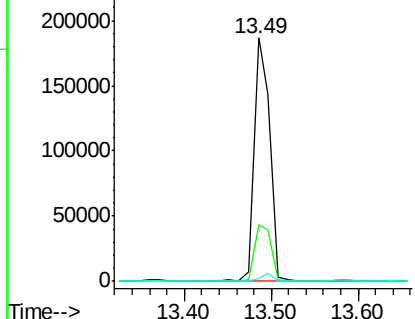
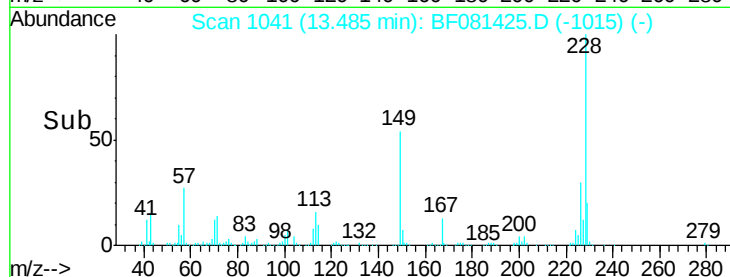
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.99 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 236524
 Ion Ratio Lower Upper
 149 100
 167 23.3 24.2 36.2#
 279 1.4 3.8 5.6#

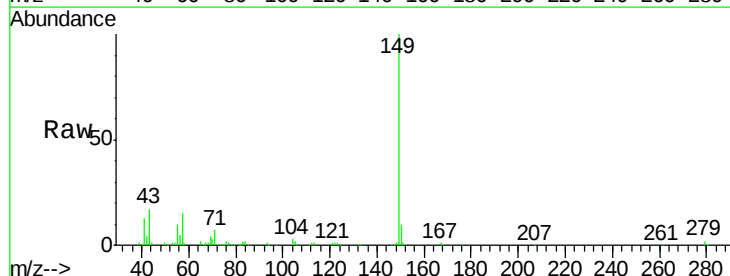


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

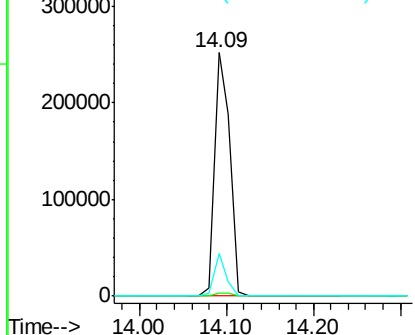
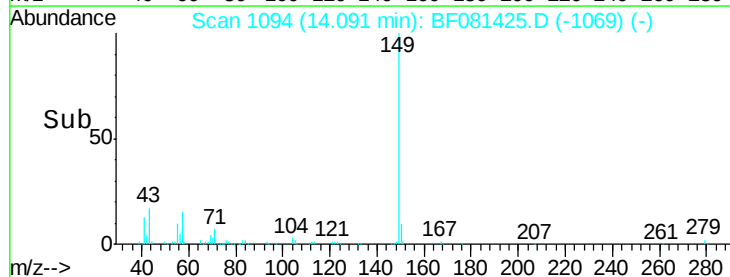


#84
 Di-n-octyl phthalate
 Concen: 25.83 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion:149 Resp: 314441
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 13.7 10.2 15.2



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

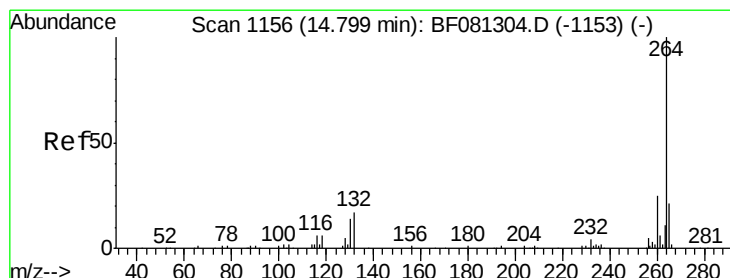
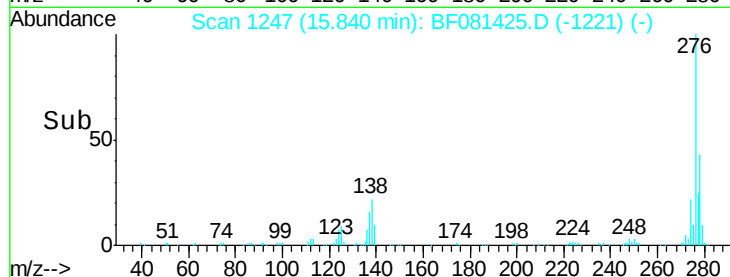
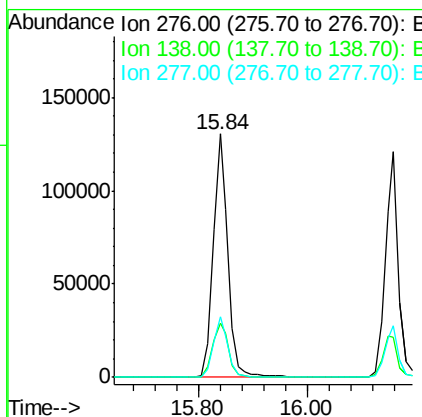
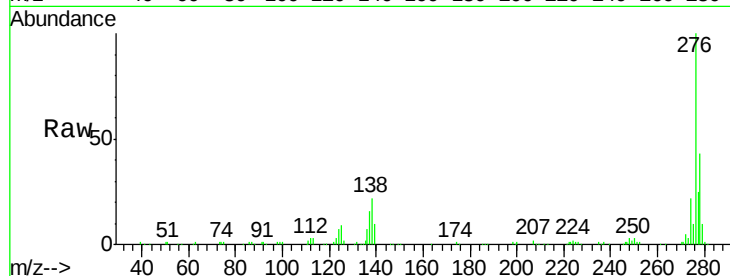




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.17 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

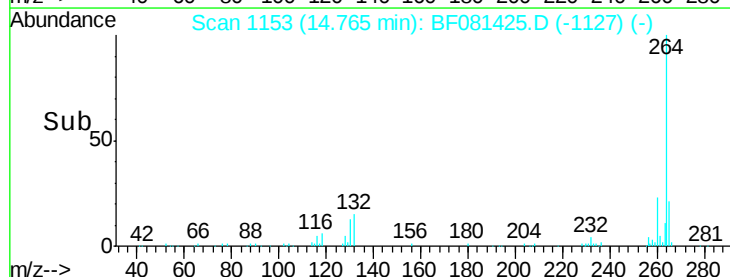
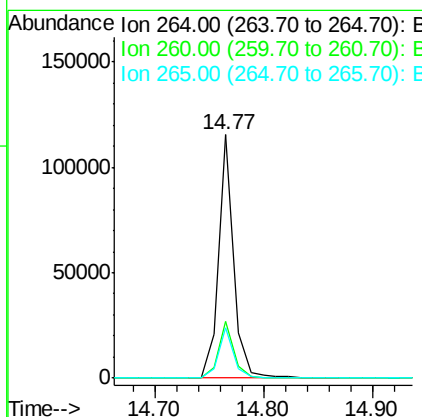
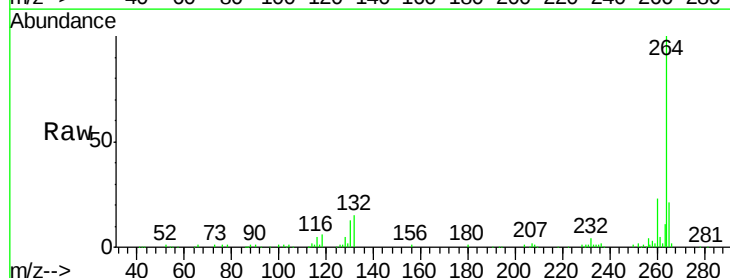
Instrument :
 BNA_F
 ClientSampleId :

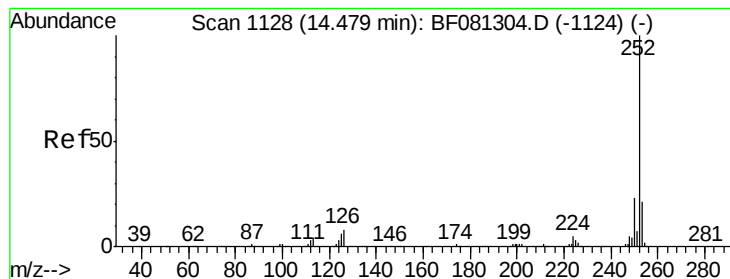
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.7	38.5#
277	24.3	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081425.D
 Acq: 4 Sep 2015 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 62.83 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

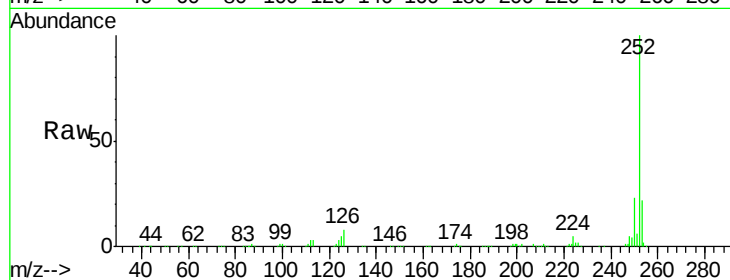
Tot Ion:252 Resp: 502218

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

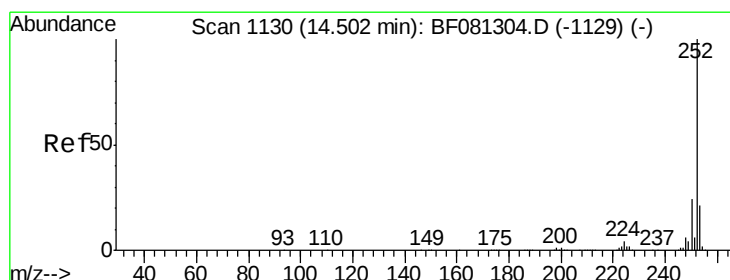
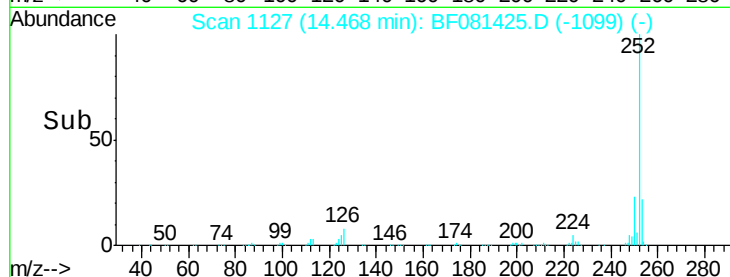
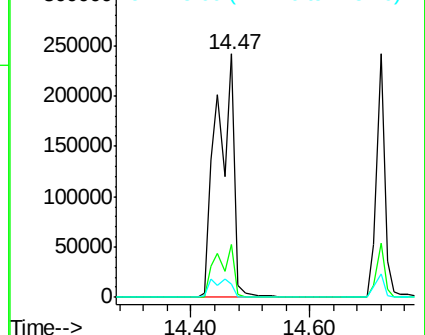
125 5.5 17.1 25.7#



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: 75.72 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

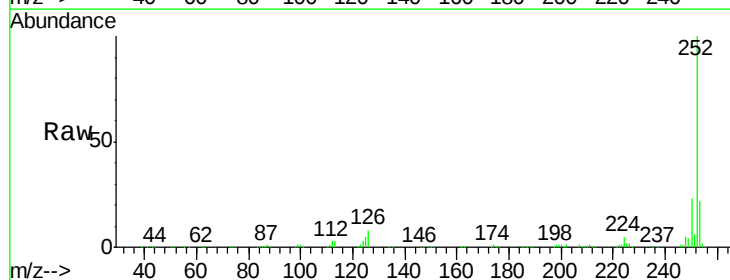
Tgt Ion:252 Resp: 502218

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

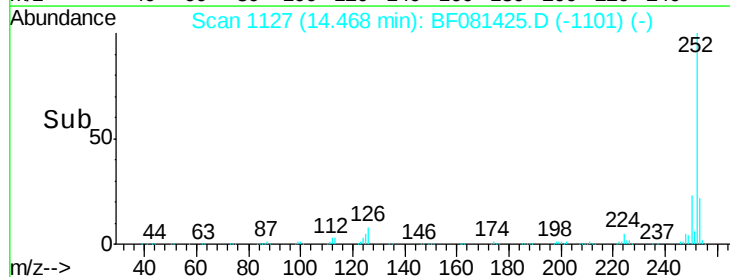
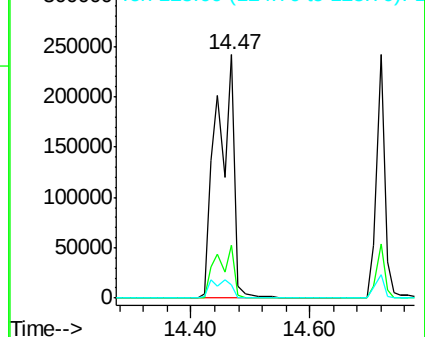
125 5.5 16.0 24.0#

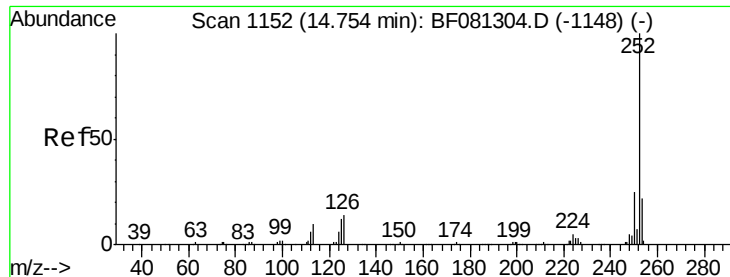


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.25 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

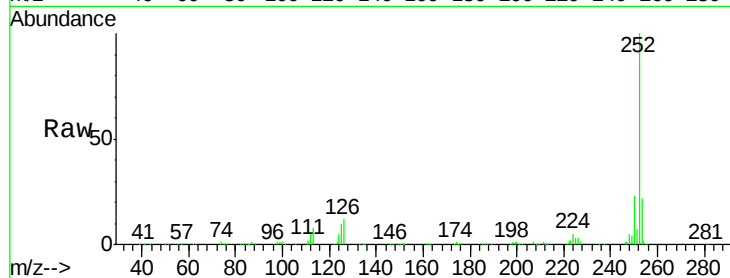
Tot Ion:252 Resp: 238744

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

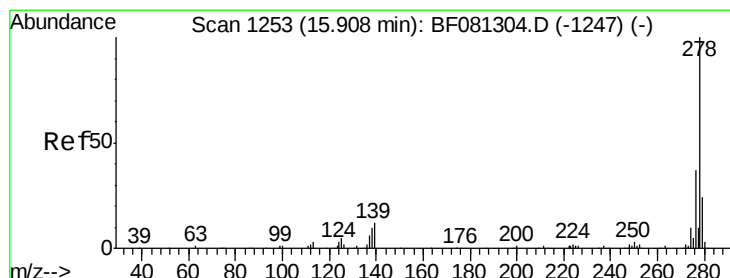
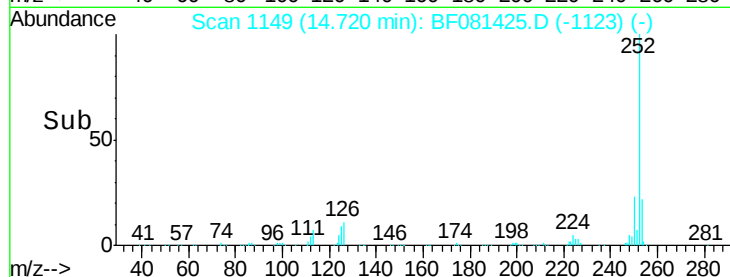
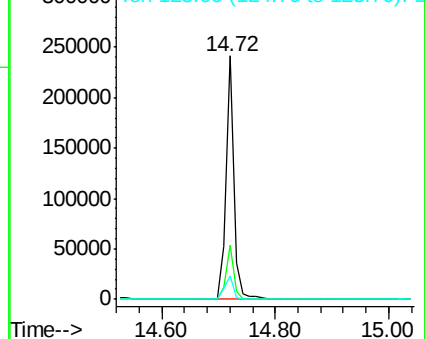
125 9.6 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 40.39 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

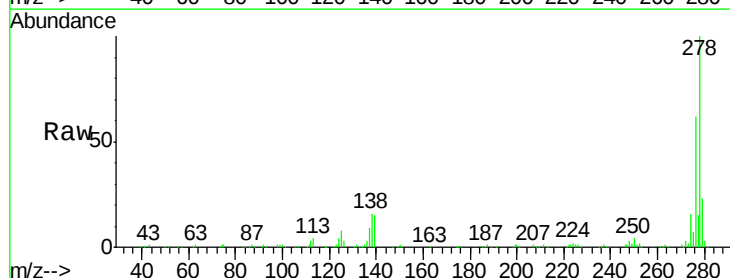
Tgt Ion:278 Resp: 211393

Ion Ratio Lower Upper

278 100

139 15.5 26.3 39.5#

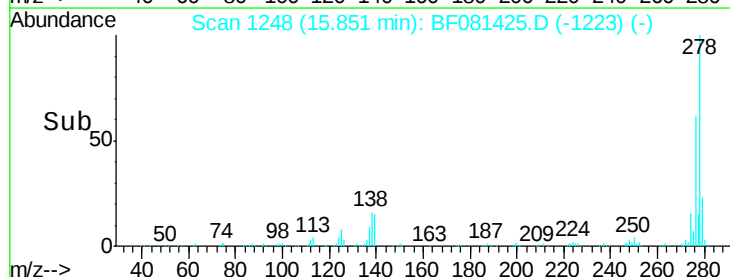
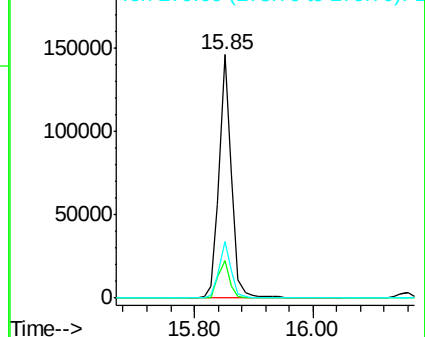
279 23.4 18.2 27.4

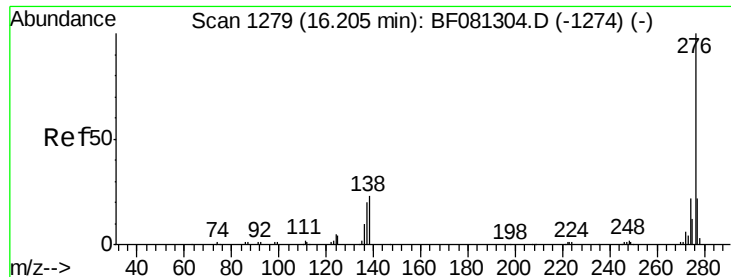


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.38 ng

RT: 16.16 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF081425.D

Acq: 4 Sep 2015 18:18

Instrument :

BNA_F

ClientSampleId :

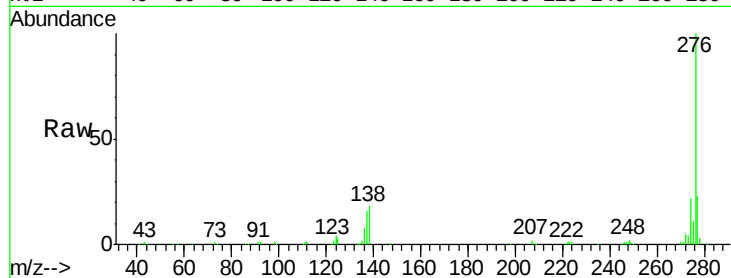
Tot Ion:276 Resp: 211716

Ion Ratio Lower Upper

276 100

277 23.0 17.8 26.6

138 17.9 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

