

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081815\
 Data File : BF081074.D
 Acq On : 19 Aug 2015 9:02
 Operator : UM/IZ
 Sample : G3282-08MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Quant Time: Aug 19 12:59:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	60190	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	254415	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	115471	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	233882	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	140882	20.00	ng	-0.02
86) Perylene-d12	15.07	264	130163	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	477054	119.21	ng	0.00
7) Phenol-d6	6.26	99	615652	117.91	ng	0.00
23) Nitrobenzene-d5	7.18	82	383887	68.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	105474	105.37	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	555871	63.08	ng	-0.02
78) Terphenyl-d14	12.70	244	598811	91.12	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	54478	28.89	ng	94
3) Pyridine	2.68	79	180877	33.98	ng	88
4) n-Nitrosodimethylamine	2.64	42	102913	34.73	ng	# 79
6) Aniline	6.27	93	177420	23.37	ng	# 1
8) 2-Chlorophenol	6.39	128	155913	35.59	ng	94
9) Benzaldehyde	6.15	77	113576	33.74	ng	91
10) Phenol	6.27	94	253685	41.14	ng	86
11) bis(2-Chloroethyl)ether	6.35	93	179175	37.87	ng	94
12) 1,3-Dichlorobenzene	6.55	146	169339	35.98	ng	97
13) 1,4-Dichlorobenzene	6.63	146	166394	35.70	ng	99
14) 1,2-Dichlorobenzene	6.78	146	156458	35.87	ng	97
15) Benzyl Alcohol	6.76	79	172883	40.92	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	336618	36.20	ng	100
17) 2-Methylphenol	6.88	107	134377	35.75	ng	95
18) Hexachloroethane	7.12	117	65752	34.92	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	133086	36.80	ng	90
20) 3+4-Methylphenols	7.04	107	176259	36.95	ng	# 49
22) Acetophenone	7.03	105	246961	36.97	ng	# 88
24) Nitrobenzene	7.20	77	220427	37.85	ng	100
25) Isophorone	7.44	82	350239	33.72	ng	98
26) 2-Nitrophenol	7.52	139	91001	37.58	ng	# 61
27) 2,4-Dimethylphenol	7.56	122	145146	33.88	ng	94
28) bis(2-Chloroethoxy)methane	7.66	93	209191	34.09	ng	99
29) 2,4-Dichlorophenol	7.76	162	140098	38.84	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	136851	34.14	ng	98
31) Naphthalene	7.92	128	514554	36.28	ng	99
32) Benzoic acid	7.64	122	18018	7.48	ng	97
33) 4-Chloroaniline	7.96	127	98003	16.38	ng	100
34) Hexachlorobutadiene	8.04	225	76457	33.73	ng	97
35) Caprolactam	8.34	113	35683	28.31	ng	# 77
36) 4-Chloro-3-methylphenol	8.47	107	173580	40.38	ng	94
37) 2-Methylnaphthalene	8.60	142	323771	36.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	136405	36.61	ng	98
40) Hexachlorocyclopentadiene	8.76	237	94090	48.79	ng	97

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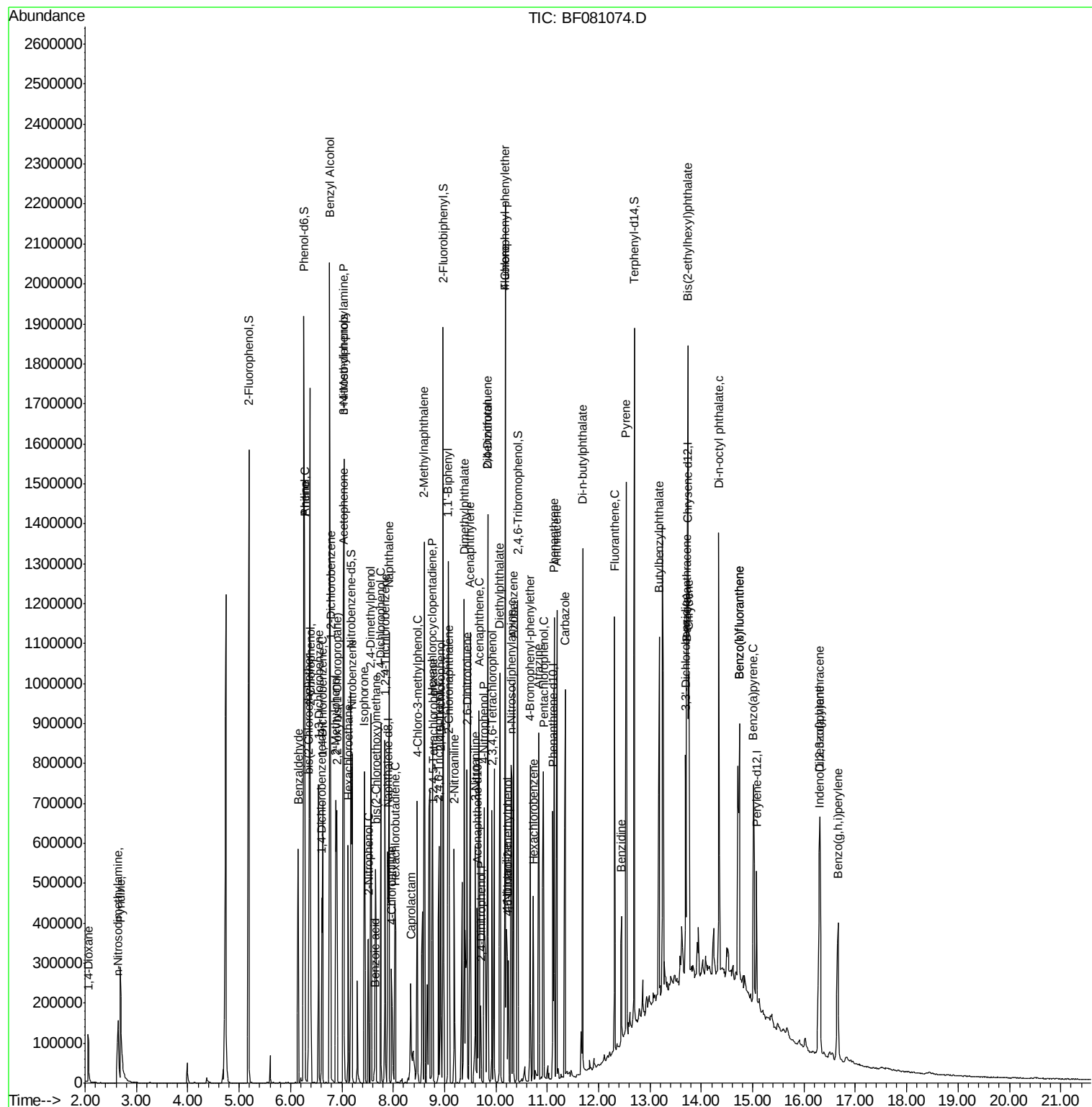
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	96295	36.59	ng	98
43) 2,4,5-Trichlorophenol	8.92	196	97733	37.15	ng	# 84
45) 1,1'-Biphenyl	9.07	154	408014	40.12	ng	99
46) 2-Chloronaphthalene	9.08	162	268885	32.91	ng	# 90
47) 2-Nitroaniline	9.19	65	109486	32.74	ng	98
48) Acenaphthylene	9.50	152	450272	30.81	ng	99
49) Dimethylphthalate	9.38	163	442380	46.52	ng	99
50) 2,6-Dinitrotoluene	9.44	165	80118	39.24	ng	88
51) Acenaphthene	9.67	154	275308	31.46	ng	99
52) 3-Nitroaniline	9.60	138	65567	25.66	ng	95
53) 2,4-Dinitrophenol	9.70	184	18639	21.21	ng	90
54) Dibenzofuran	9.84	168	376099	32.07	ng	90
55) 4-Nitrophenol	9.77	139	134738	75.08	ng	# 82
56) 2,4-Dinitrotoluene	9.84	165	109069	40.30	ng	95
57) Fluorene	10.18	166	303482	33.64	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	72047	35.39	ng	100
59) Diethylphthalate	10.08	149	386613	38.41	ng	96
60) 4-Chlorophenyl-phenylether	10.18	204	147744	38.71	ng	96
61) 4-Nitroaniline	10.22	138	89638	34.33	ng	# 79
62) Azobenzene	10.34	77	440537	37.98	ng	93
64) 4,6-Dinitro-2-methylphenol	10.24	198	29525	21.14	ng	# 77
65) n-Nitrosodiphenylamine	10.31	169	287226	34.40	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	76974	33.50	ng	# 60
67) Hexachlorobenzene	10.73	284	88090	37.86	ng	# 84
68) Atrazine	10.83	200	80807	34.74	ng	99
69) Pentachlorophenol	10.92	266	96767	69.31	ng	99
70) Phenanthrene	11.13	178	409425	29.54	ng	99
71) Anthracene	11.19	178	503914	37.36	ng	99
72) Carbazole	11.35	167	499713	38.48	ng	99
73) Di-n-butylphthalate	11.69	149	629253	40.04	ng	99
74) Fluoranthene	12.31	202	448559	29.99	ng	93
76) Benzidine	12.45	184	159984	30.06	ng	97
77) Pyrene	12.54	202	491760	42.94	ng	100
79) Butylbenzylphthalate	13.18	149	251612	51.11	ng	89
80) Benzo(a)anthracene	13.71	228	349574	37.00	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	100233	32.75	ng	98
82) Chrysene	13.76	228	329737	38.73	ng	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	325968	51.69	ng	# 98
84) Di-n-octyl phthalate	14.34	149	488473	50.97	ng	96
85) Indeno(1,2,3-cd)pyrene	16.30	276	323754	54.16	ng	# 93
87) Benzo(b)fluoranthene	14.74	252	579663	62.96	ng	98
88) Benzo(k)fluoranthene	14.74	252	579663	67.57	ng	# 96
89) Benzo(a)pyrene	15.02	252	276929	34.52	ng	# 94
90) Dibenzo(a,h)anthracene	16.31	278	270945	43.34	ng	# 94
91) Benzo(g,h,i)perylene	16.66	276	266507	42.02	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

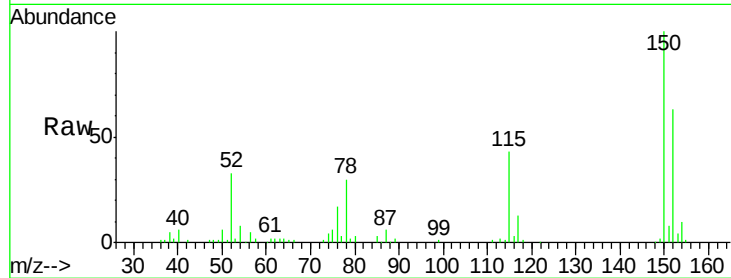
Tgt Ion:152 Resp: 60190

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

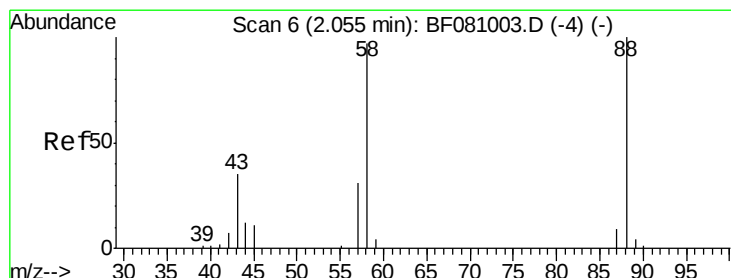
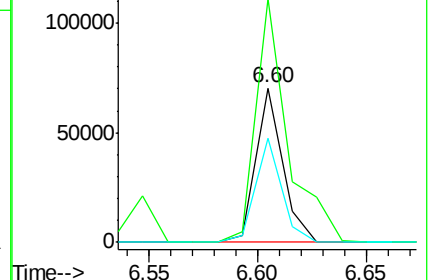
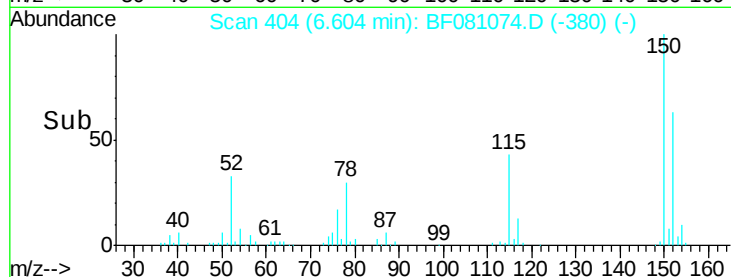
115 67.9 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.89 ng

RT: 2.06 min Scan# 6

Delta R.T. 0.00 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

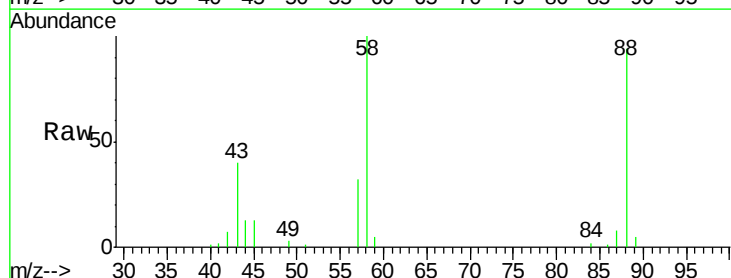
Tgt Ion: 88 Resp: 54478

Ion Ratio Lower Upper

88 100

58 100.6 83.7 125.5

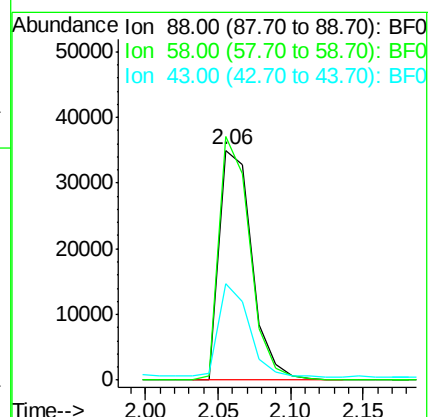
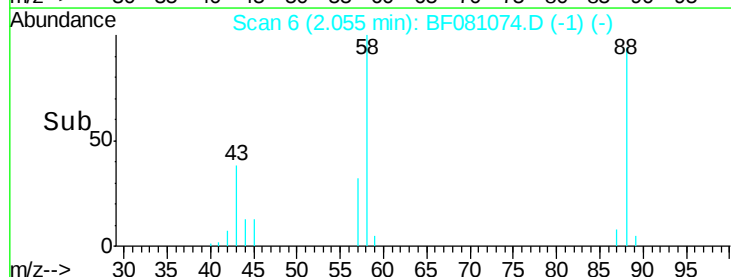
43 39.0 37.5 56.3

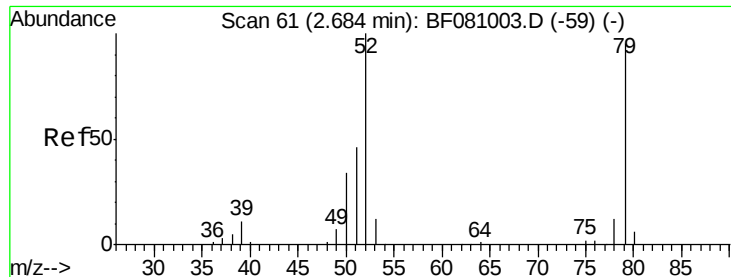


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.98 ng

RT: 2.68 min Scan# 61

Delta R.T. -0.03 min

Lab File: BF081074.D

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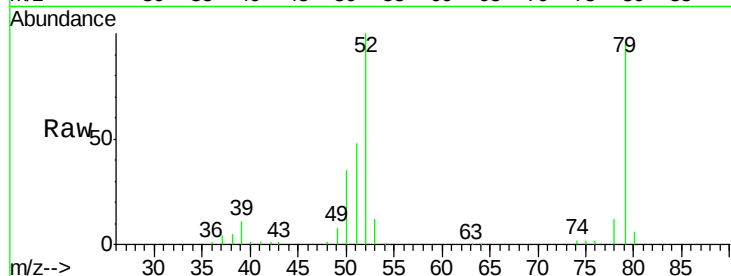
Tgt Ion: 79 Resp: 180877

Ion Ratio Lower Upper

79 100

52 104.9 95.1 142.7

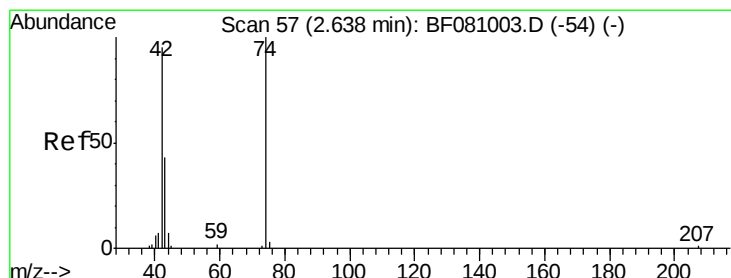
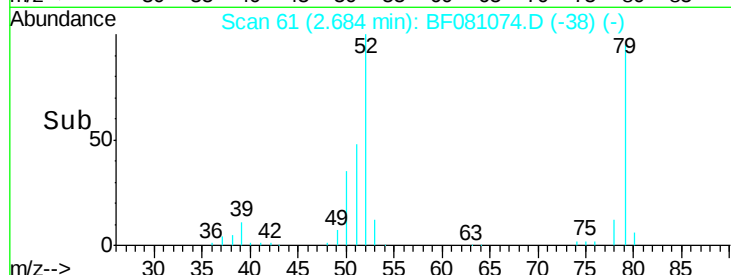
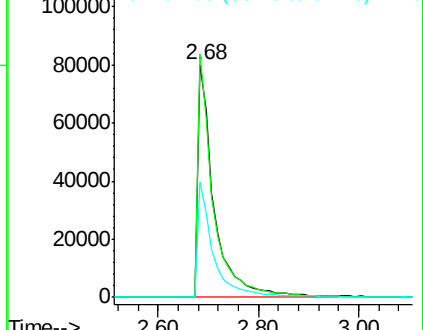
51 50.0 46.6 70.0



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: 34.73 ng

RT: 2.64 min Scan# 57

Delta R.T. 0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

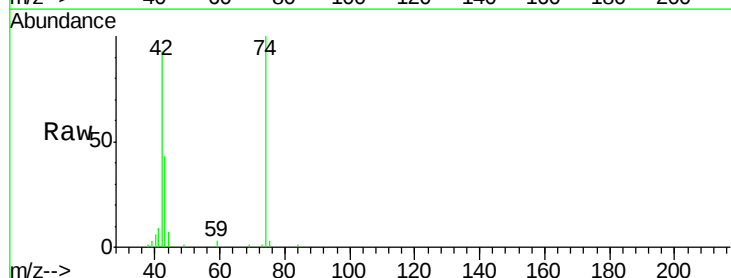
Tgt Ion: 42 Resp: 102913

Ion Ratio Lower Upper

42 100

74 107.0 69.3 103.9#

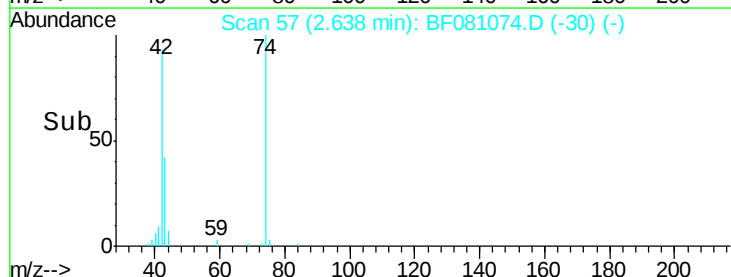
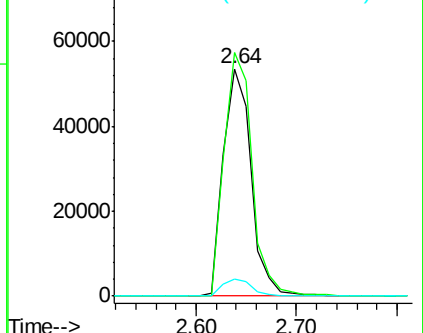
44 7.8 5.5 8.3

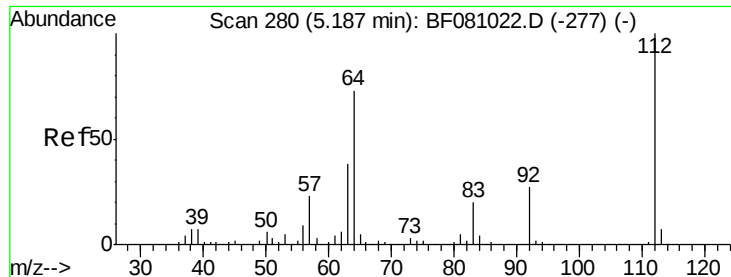


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.21 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

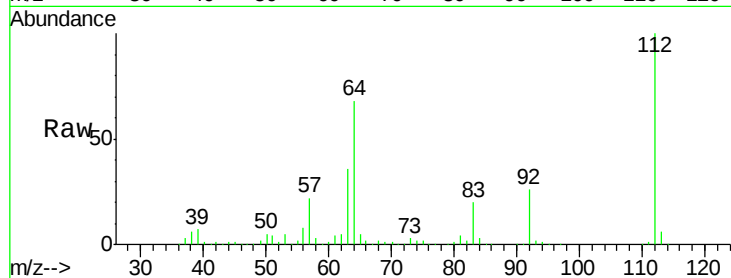
Instrument :

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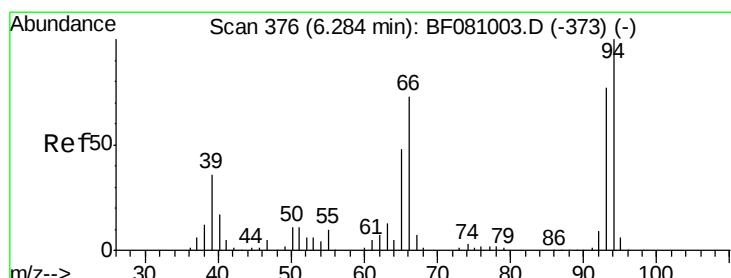
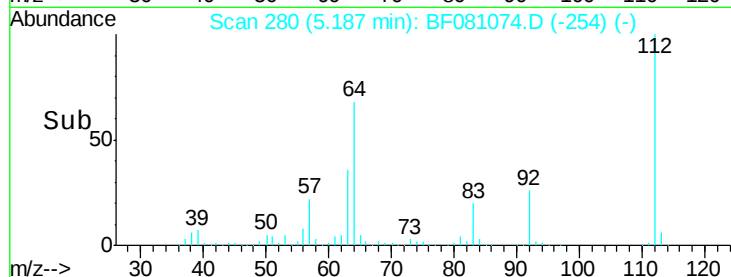
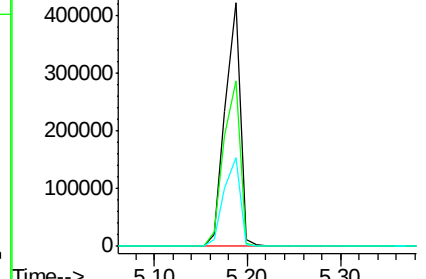
Tgt Ion:	112	Resp:	477054
Ion	Ratio	Lower	Upper
112	100		
64	68.0	66.9	100.3
63	36.2	38.1	57.1#



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: 23.37 ng

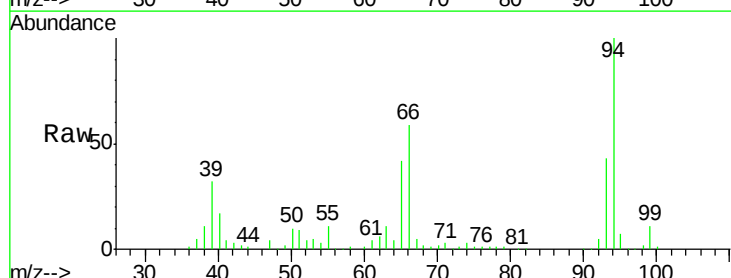
RT: 6.27 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

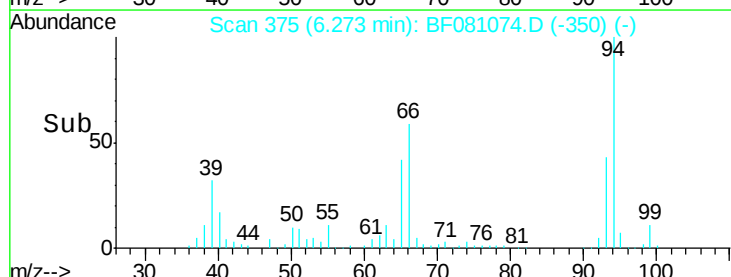
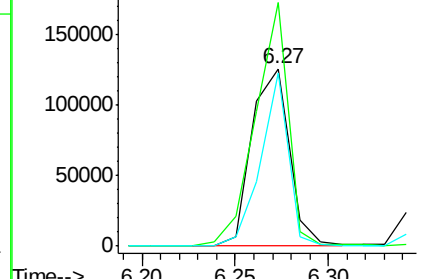
Tgt Ion:	93	Resp:	177420
Ion	Ratio	Lower	Upper
93	100		
66	137.4	35.6	53.4#
65	97.7	18.7	28.1#



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: 117.91 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

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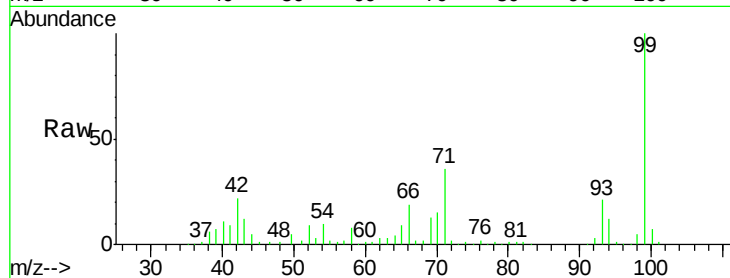
Tgt Ion: 99 Resp: 615652

Ion Ratio Lower Upper

99 100

42 22.5 19.6 29.4

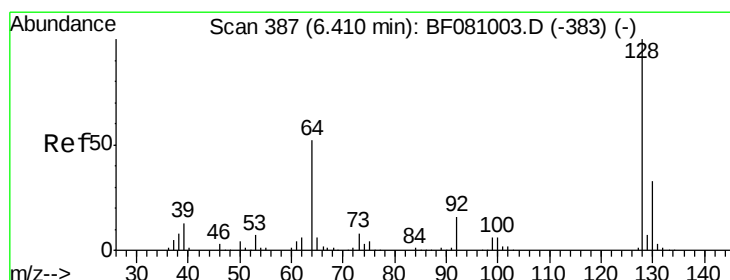
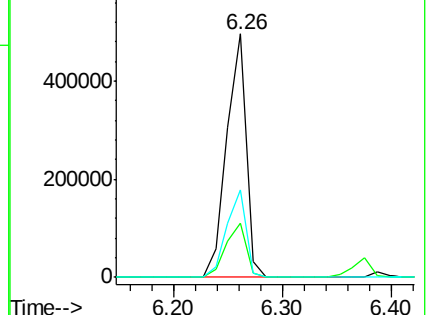
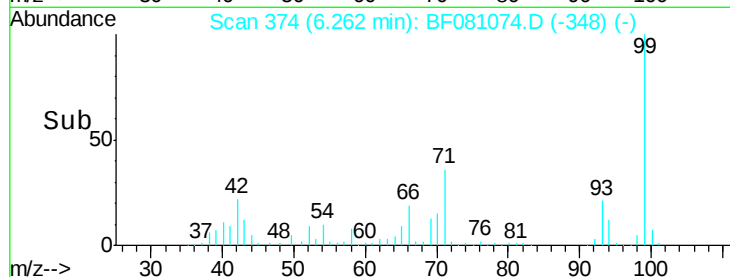
71 35.9 31.2 46.8



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: 35.59 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

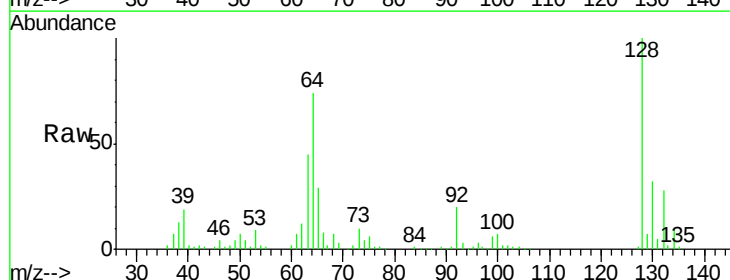
Tgt Ion: 128 Resp: 155913

Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

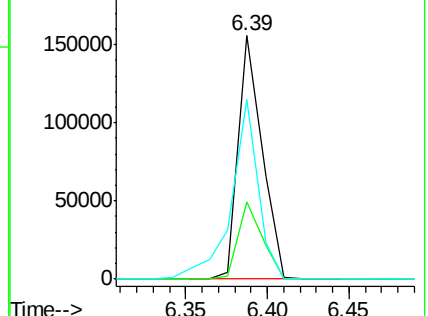
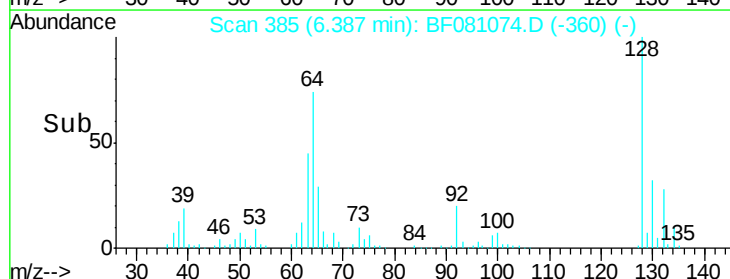
64 73.6 46.8 86.8

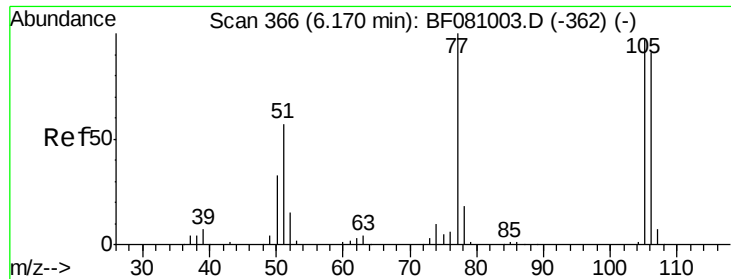


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.74 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

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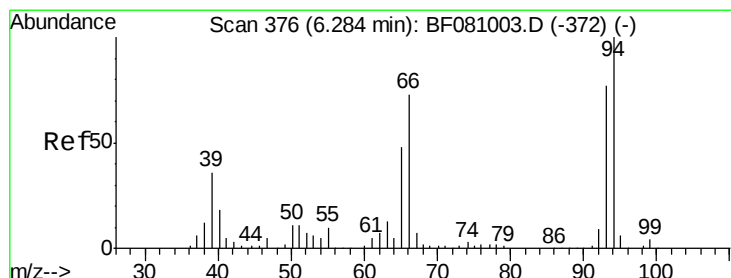
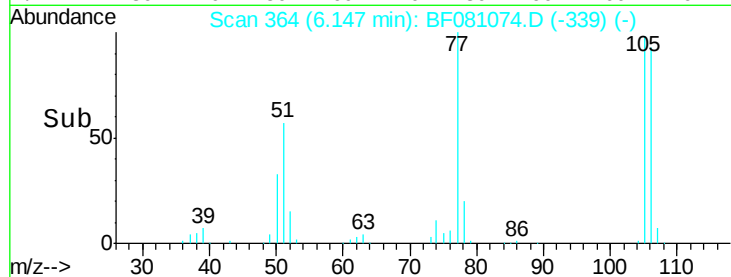
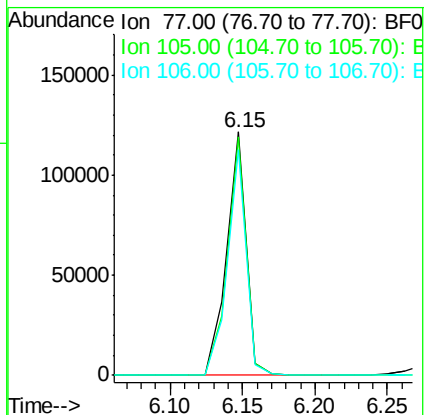
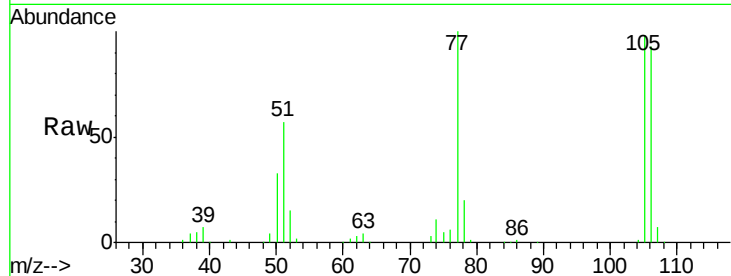
Tgt Ion: 77 Resp: 113576

Ion Ratio Lower Upper

77 100

105 98.0 69.6 109.6

106 92.9 64.0 104.0



#10

Phenol

Concen: 41.14 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

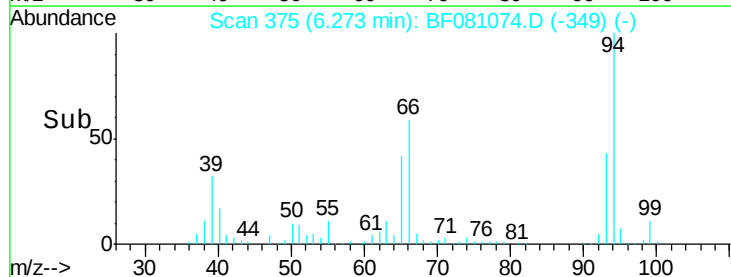
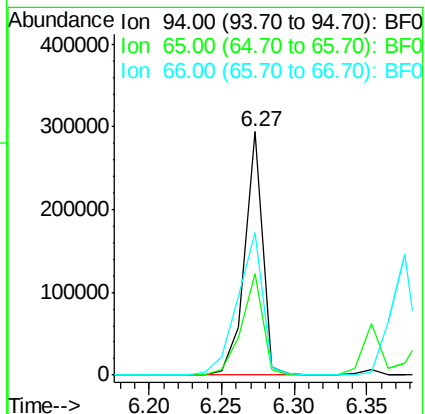
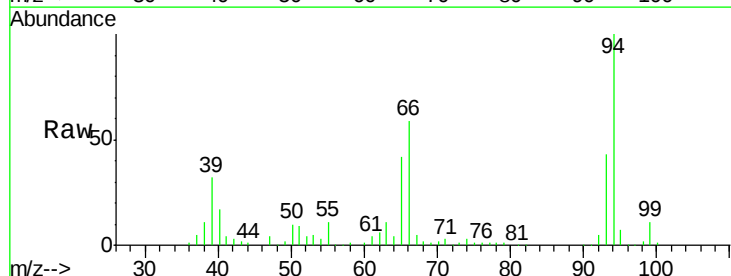
Tgt Ion: 94 Resp: 253685

Ion Ratio Lower Upper

94 100

65 41.8 28.4 68.4

66 58.7 52.3 92.3

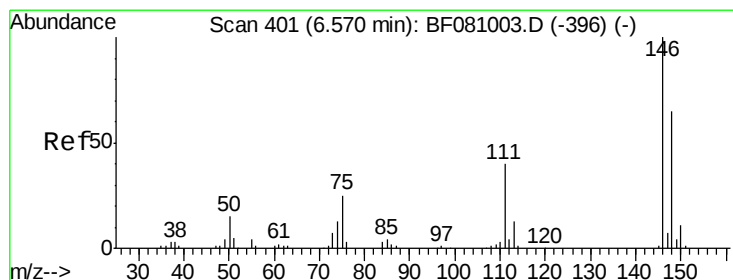
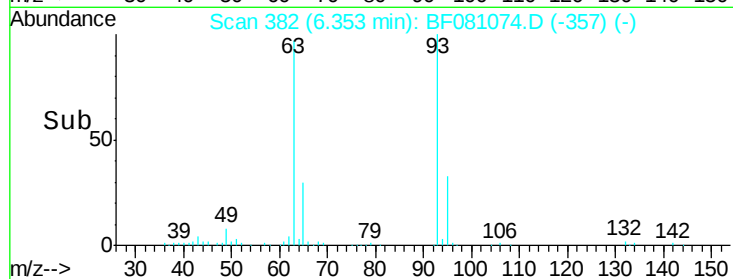
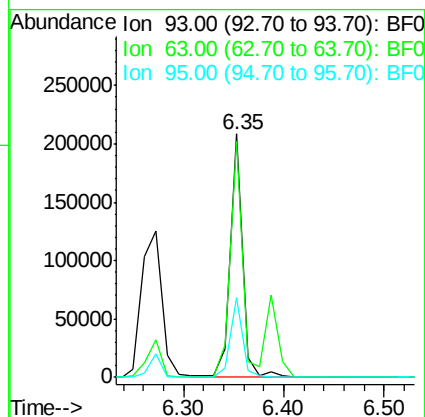
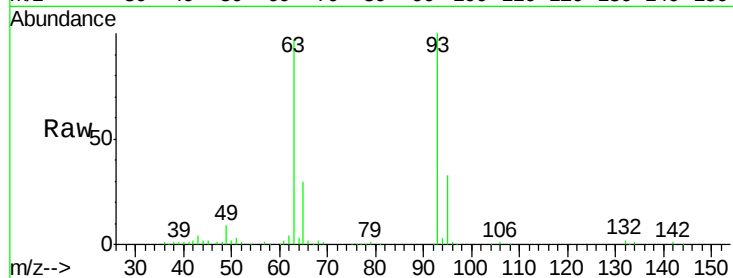




#11
bis(2-Chloroethyl)ether
Concen: 37.87 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

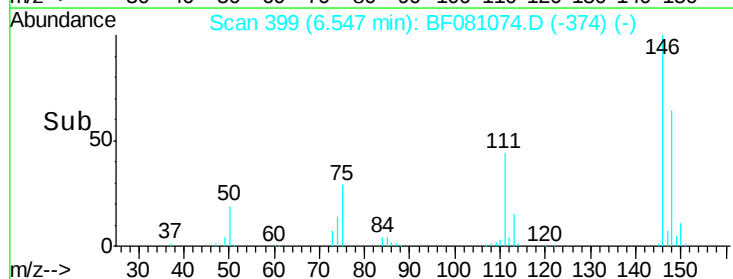
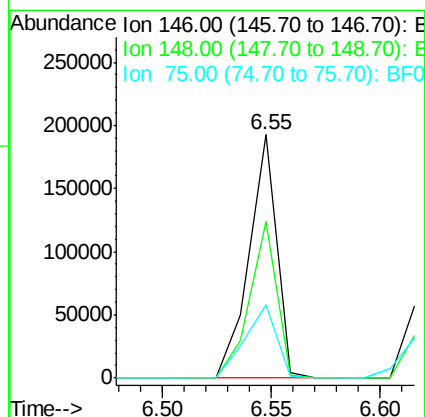
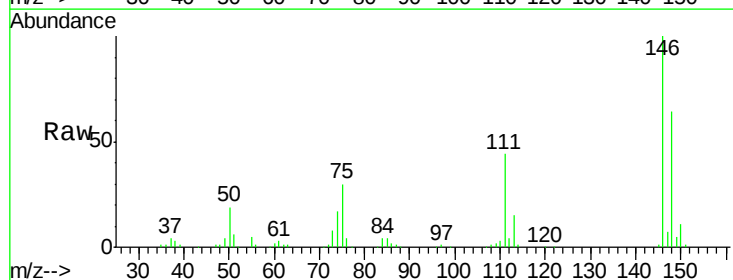
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

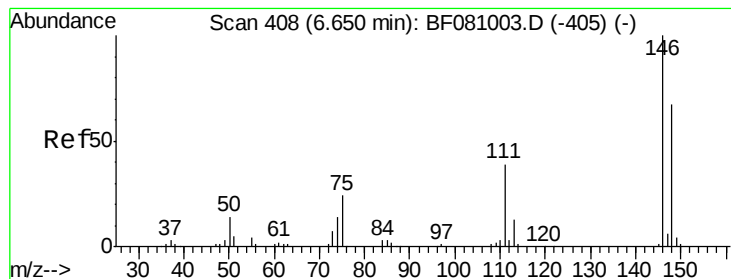
Tgt Ion: 93 Resp: 179175
Ion Ratio Lower Upper
93 100
63 96.8 69.6 109.6
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.98 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion: 146 Resp: 169339
Ion Ratio Lower Upper
146 100
148 64.1 53.3 79.9
75 30.1 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 35.70 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

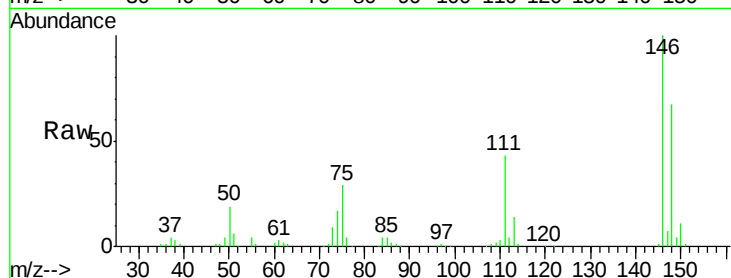
Tgt Ion:146 Resp: 166394

Ion Ratio Lower Upper

146 100

148 66.9 52.3 78.5

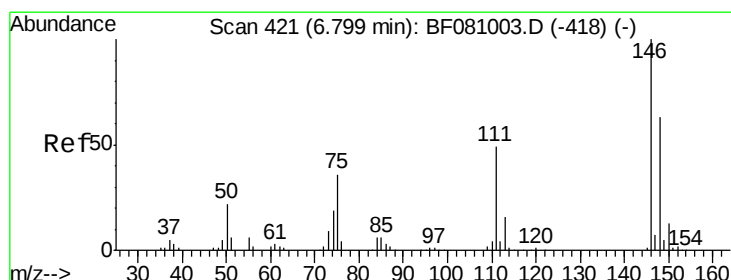
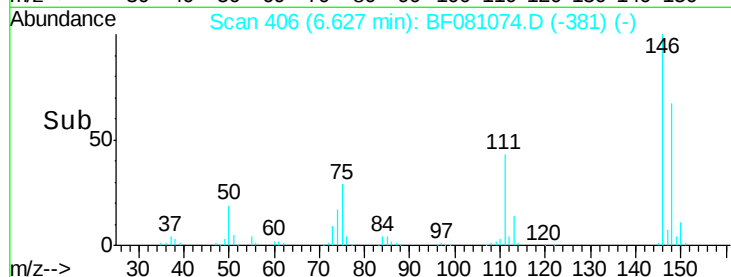
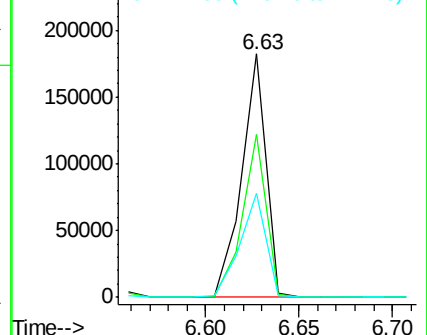
111 42.8 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.87 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

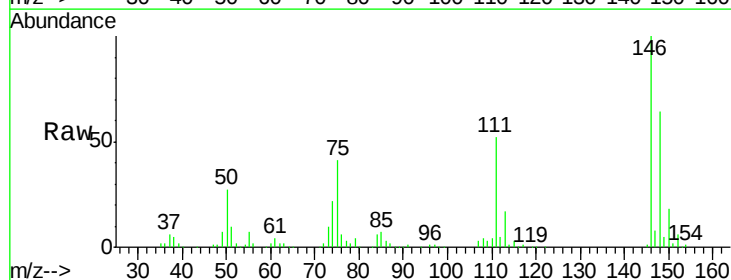
Tgt Ion:146 Resp: 156458

Ion Ratio Lower Upper

146 100

148 64.4 48.7 73.1

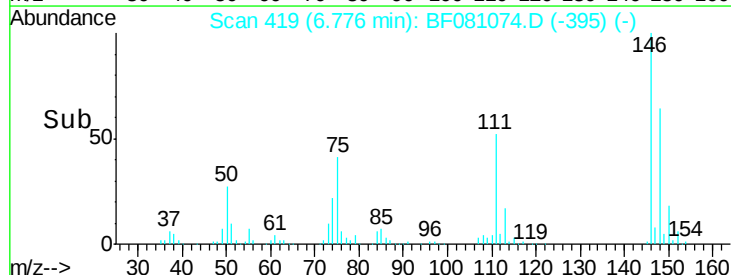
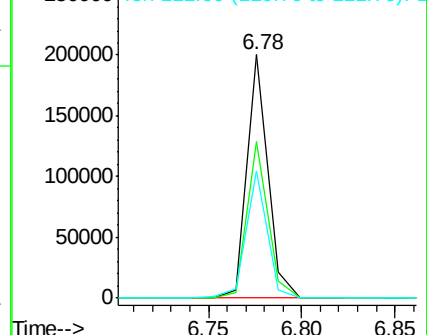
111 52.0 42.3 63.5

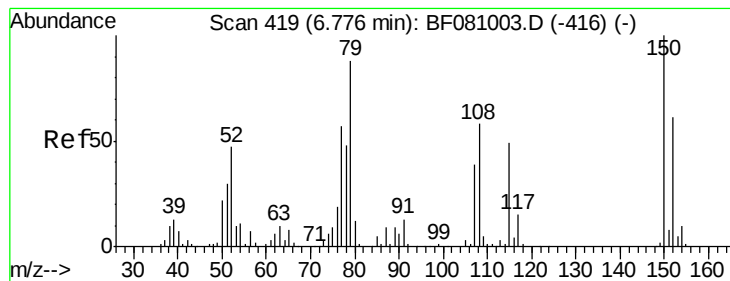


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

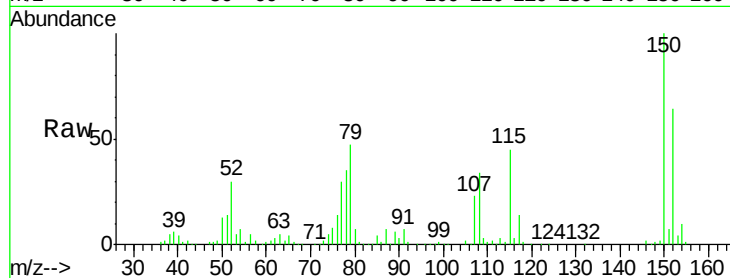
Tgt Ion: 79 Resp: 172883

Ion Ratio Lower Upper

79 100

108 71.5 49.4 74.2

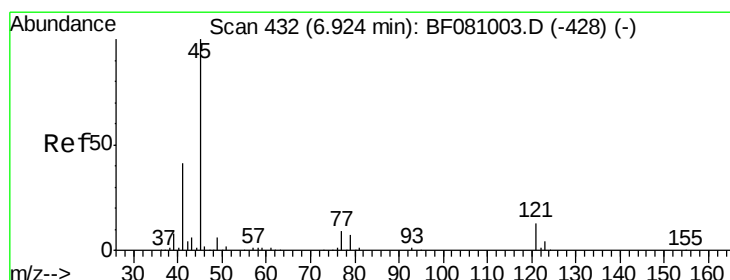
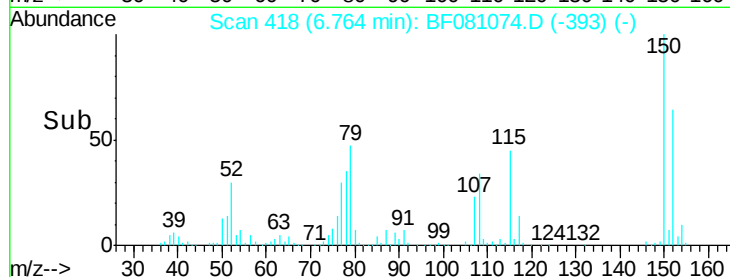
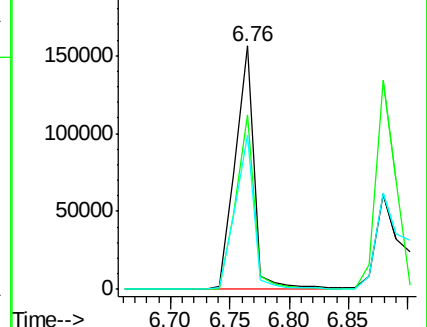
77 63.3 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.20 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

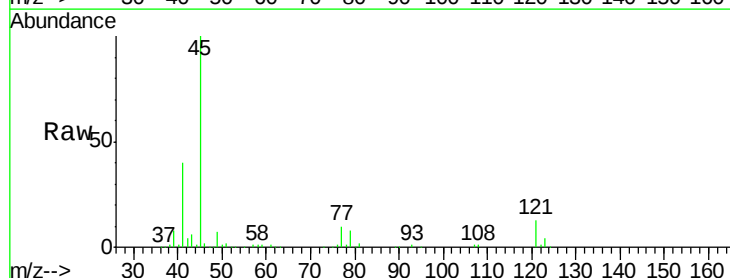
Tgt Ion: 45 Resp: 336618

Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.2

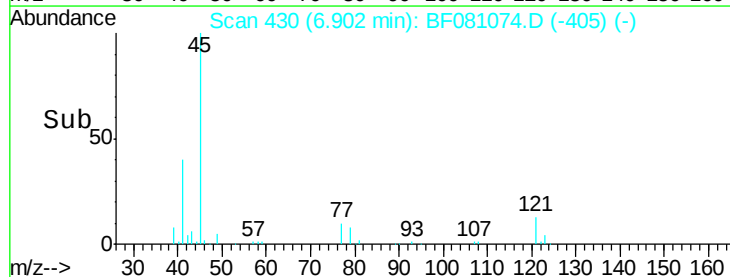
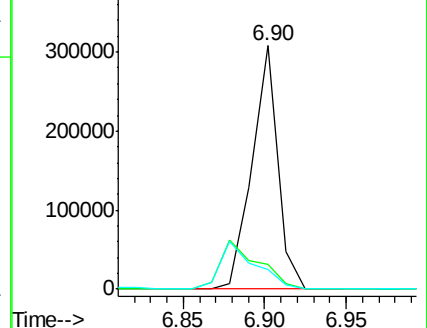
79 7.8 0.0 28.0

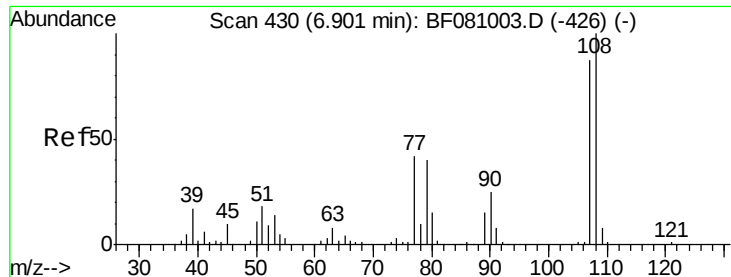


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

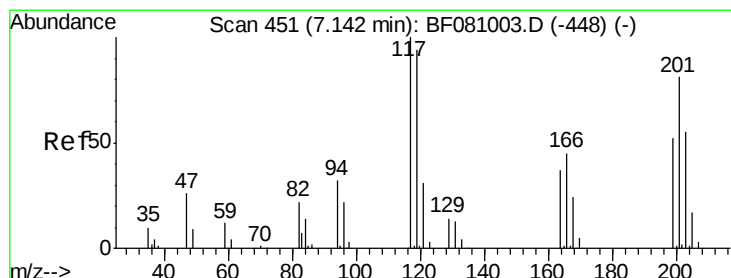
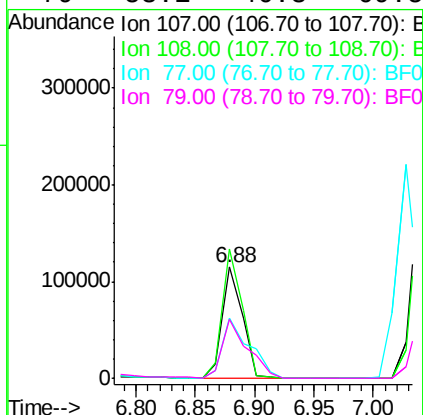
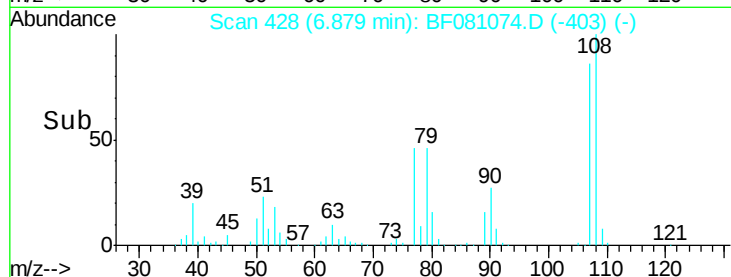
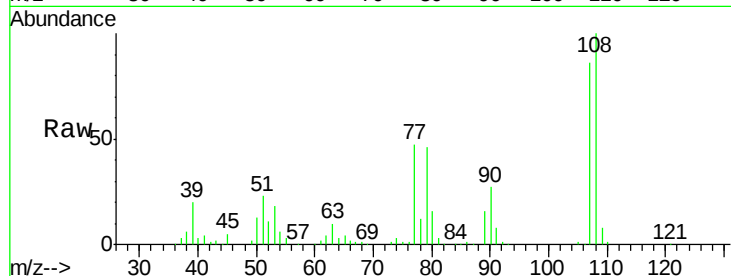




#17
2-Methylphenol
Concen: 35.75 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

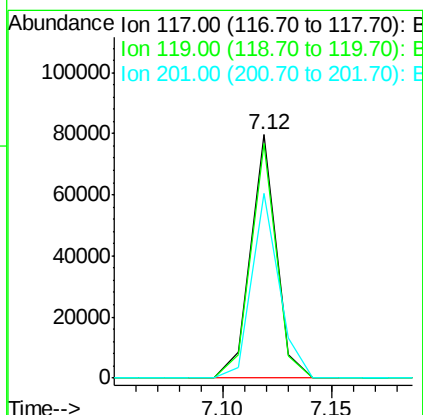
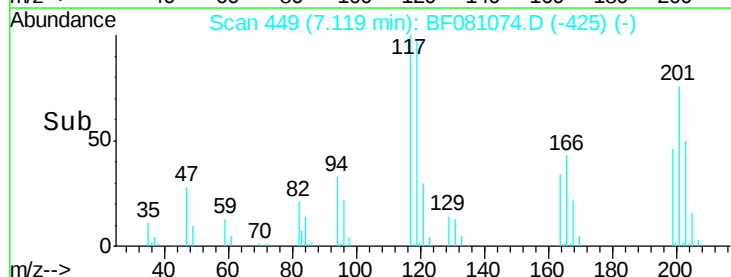
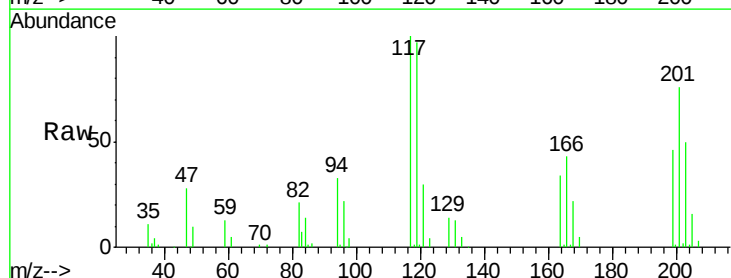
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

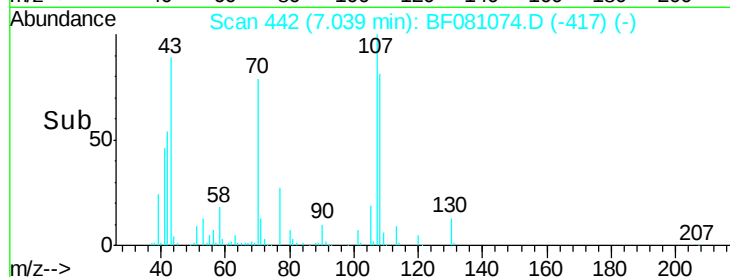
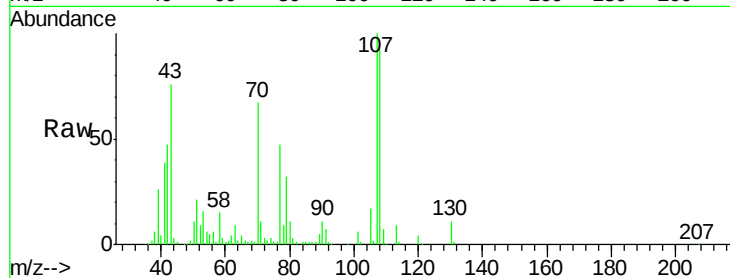
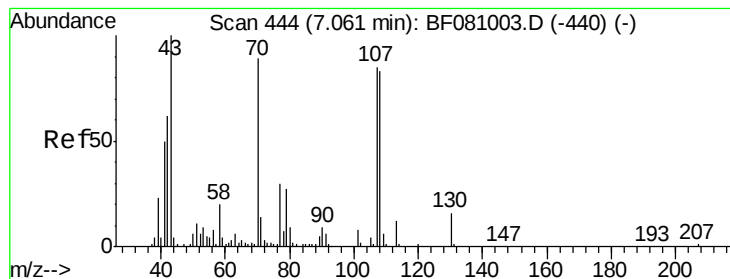
Tgt Ion:	107	Resp:	134377
Ion	Ratio	Lower	Upper
107	100		
108	116.5	90.4	135.6
77	54.2	46.5	69.7
79	53.1	46.3	69.5



#18
Hexachloroethane
Concen: 34.92 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion:	117	Resp:	65752
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.9	116.9
201	76.0	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 36.80 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

Tgt Ion: 70 Resp: 133086

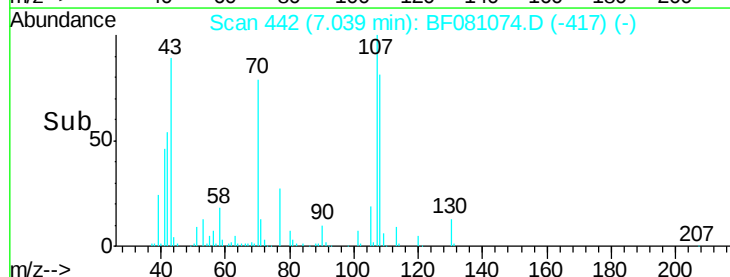
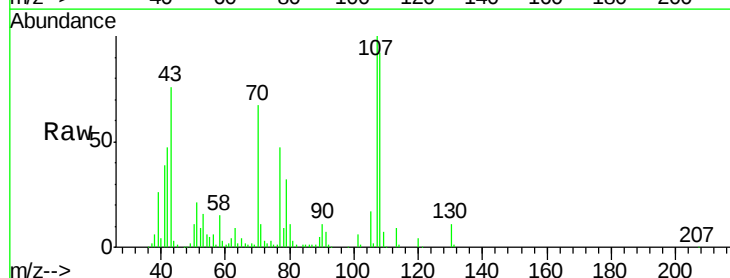
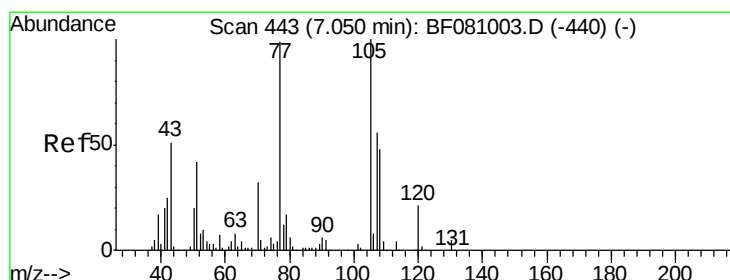
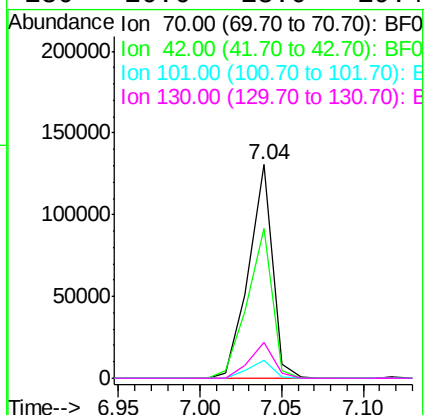
Ion Ratio Lower Upper

70 100

42 70.3 65.0 97.4

101 8.4 7.4 11.2

130 16.6 13.0 19.4



#20

3+4-Methylphenols

Concen: 36.95 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion: 107 Resp: 176259

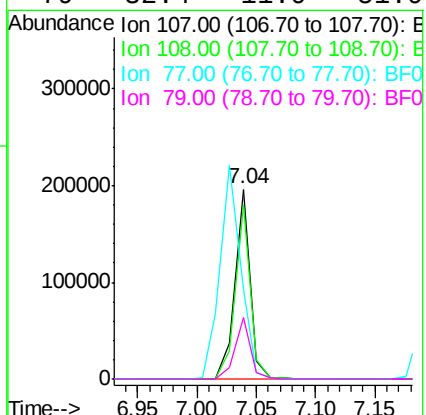
Ion Ratio Lower Upper

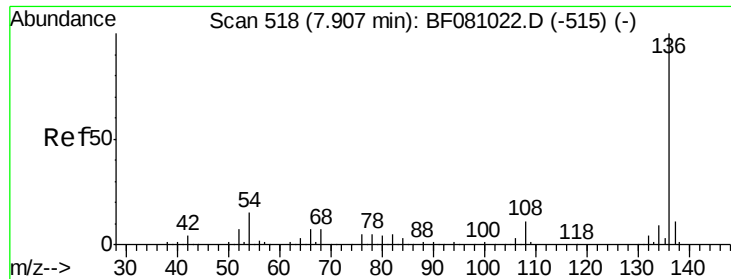
107 100

108 92.0 66.1 106.1

77 47.0 139.3 179.3#

79 32.4 11.9 51.9

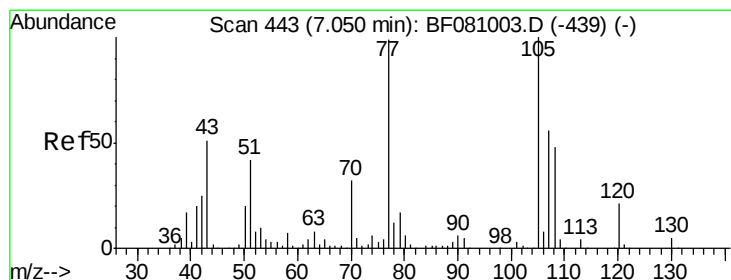
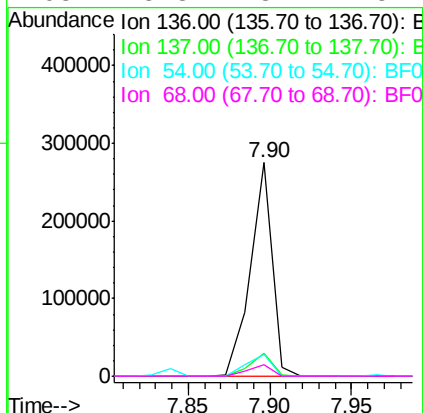
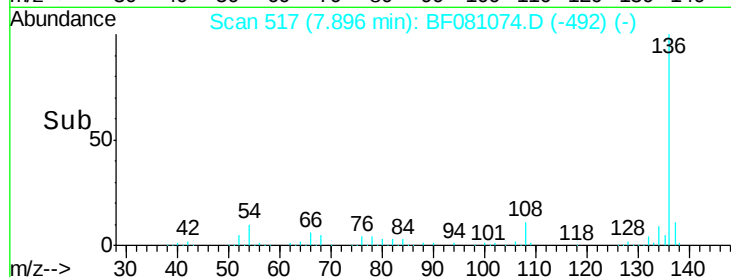
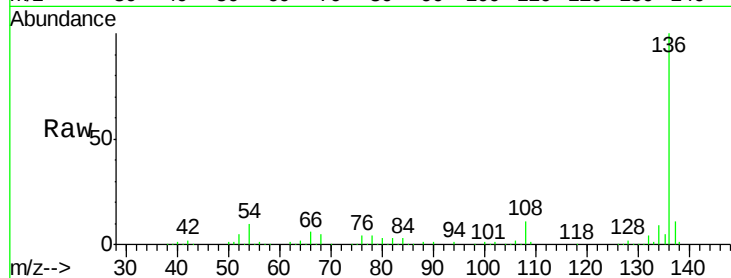




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

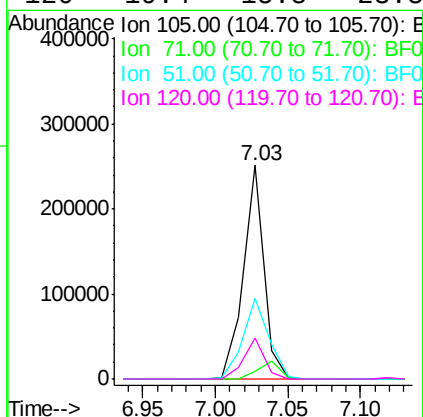
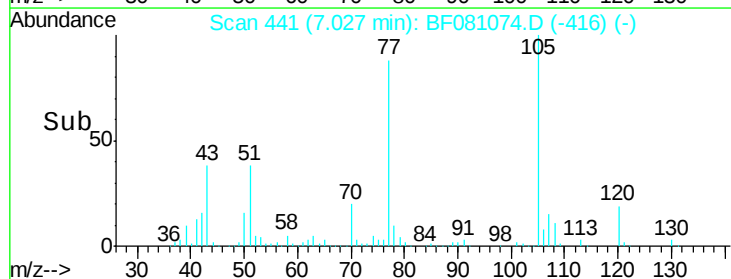
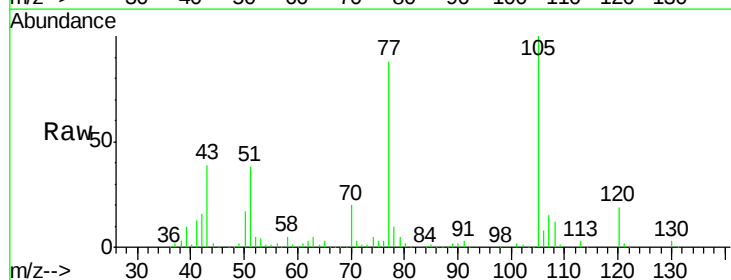
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tgt Ion:	136	Resp:	254415
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.2
54	9.9	7.7	11.5
68	5.3	3.4	5.2#



#22
Acetophenone
Concen: 36.97 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion:	105	Resp:	246961
Ion Ratio	Lower	Upper	
105	100		
71	3.4	3.0	4.6
51	37.8	39.8	59.8#
120	19.4	15.8	23.8

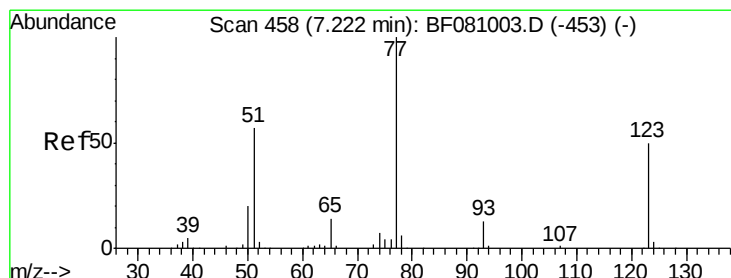
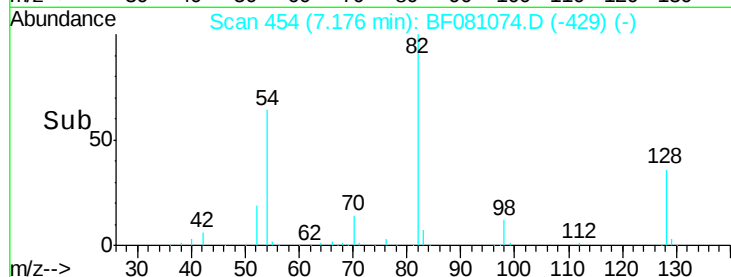
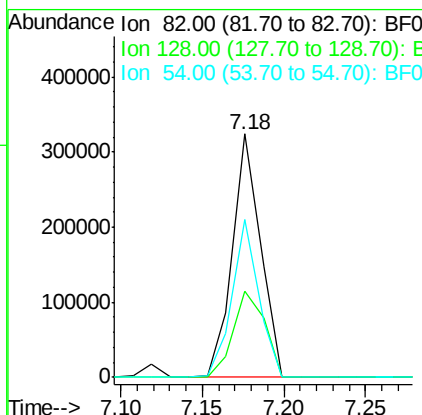
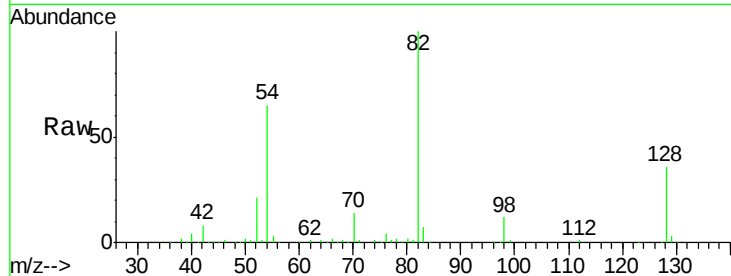




#23
 Nitrobenzene-d5
 Concen: 68.93 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

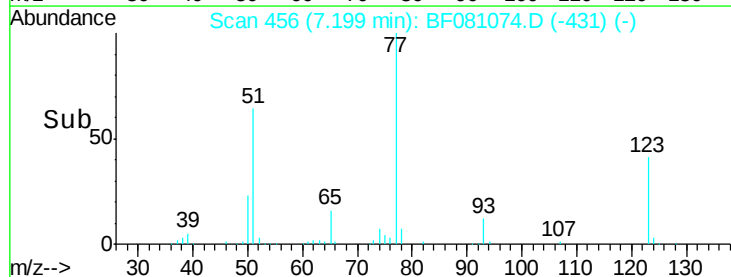
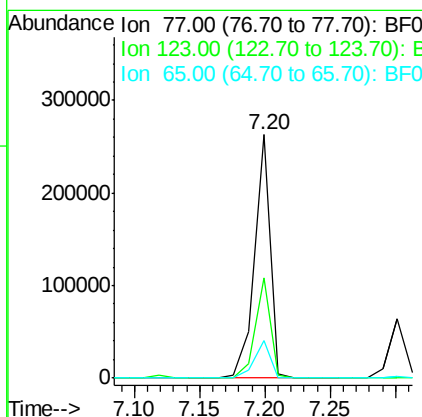
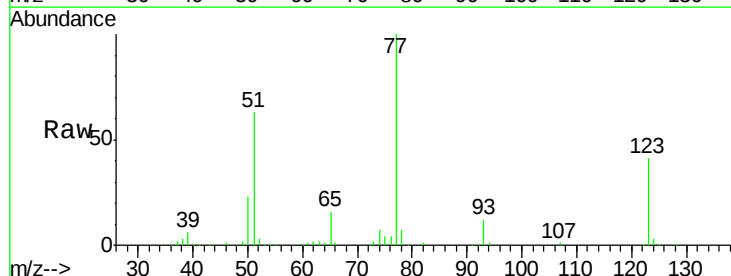
Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

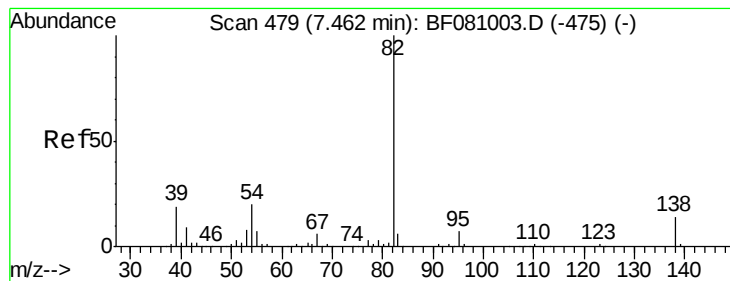
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.6	42.8
54	65.1	55.1	82.7



#24
 Nitrobenzene
 Concen: 37.85 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	32.9	49.3
65	15.6	12.5	18.7





#25

Isophorone

Concen: 33.72 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

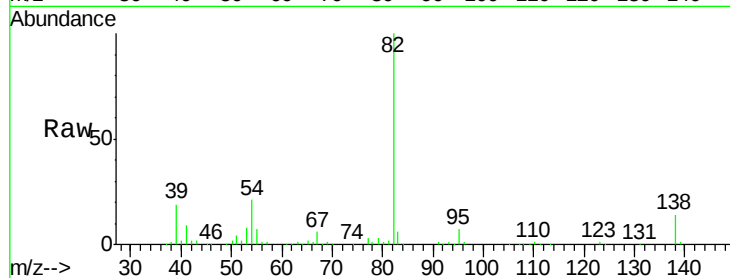
Tgt Ion: 82 Resp: 350239

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

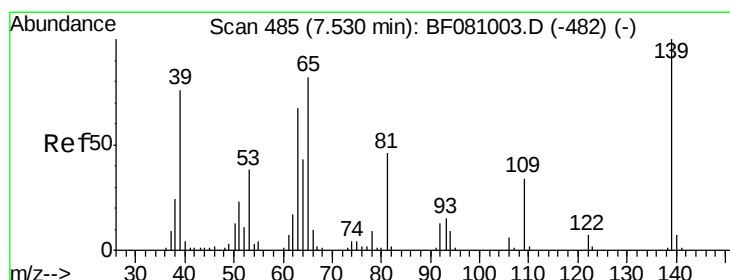
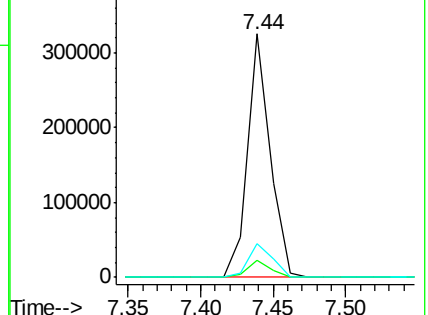
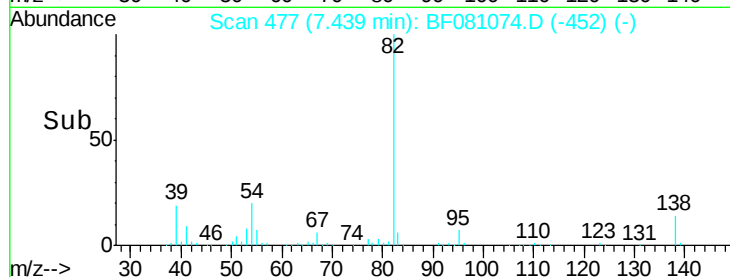
138 13.9 10.5 15.7



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: 37.58 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

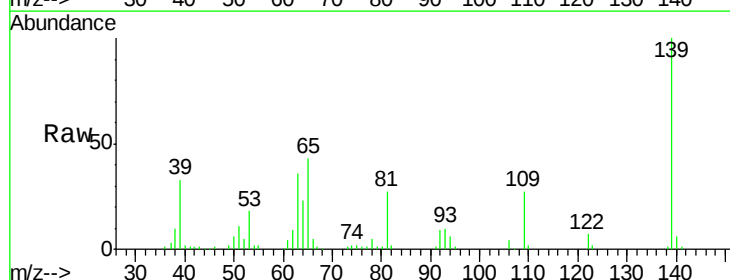
Tgt Ion: 139 Resp: 91001

Ion Ratio Lower Upper

139 100

109 27.3 32.1 48.1#

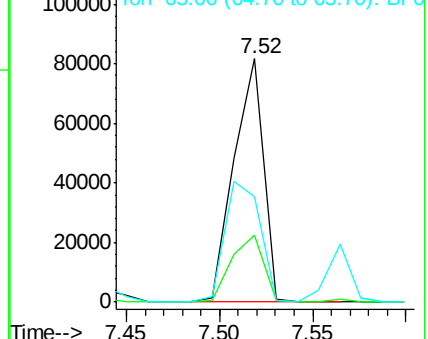
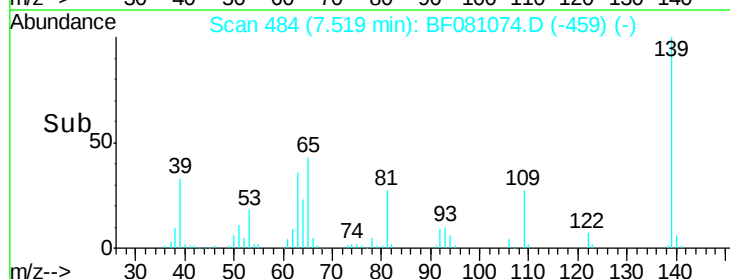
65 43.4 69.9 104.9#

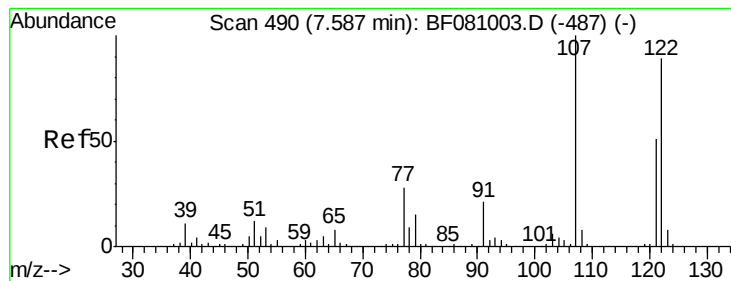


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

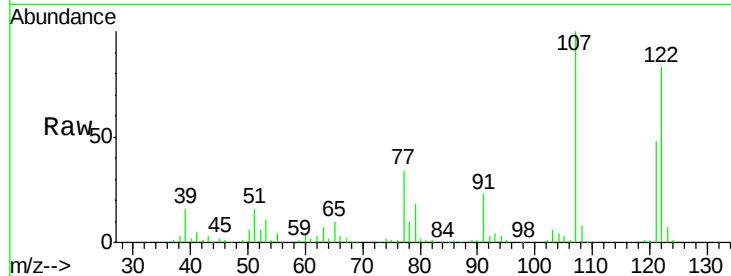




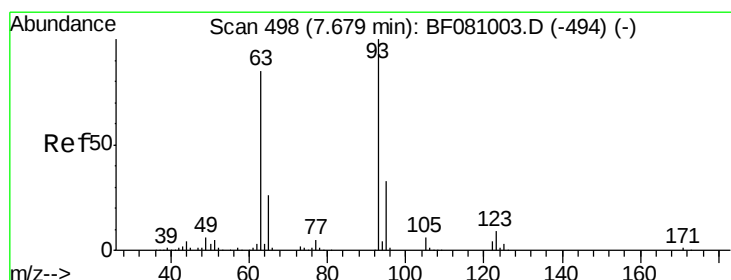
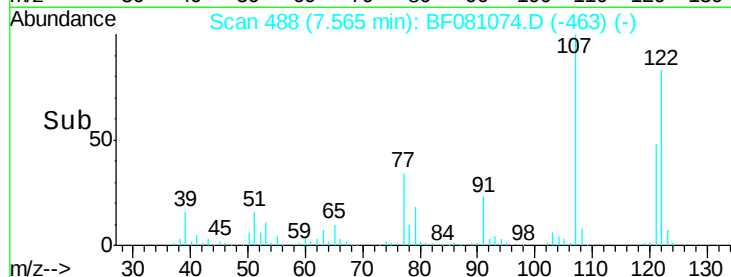
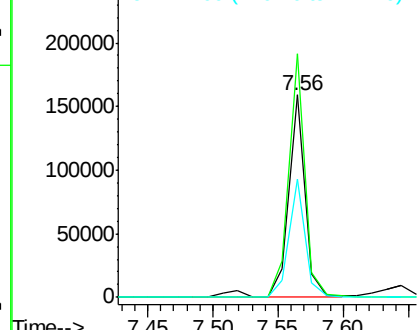
#27
 2,4-Dimethylphenol
 Concen: 33.88 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tgt Ion: 122 Resp: 145146
 Ion Ratio Lower Upper
 122 100
 107 120.3 103.8 155.6
 121 58.2 47.0 70.4

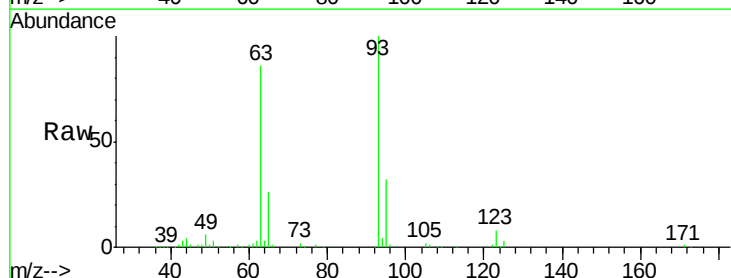


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

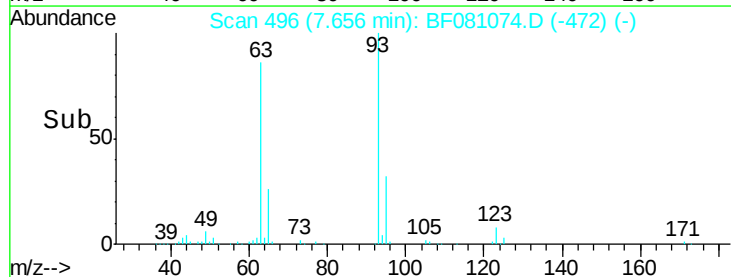
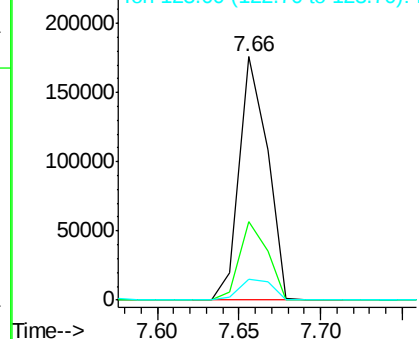


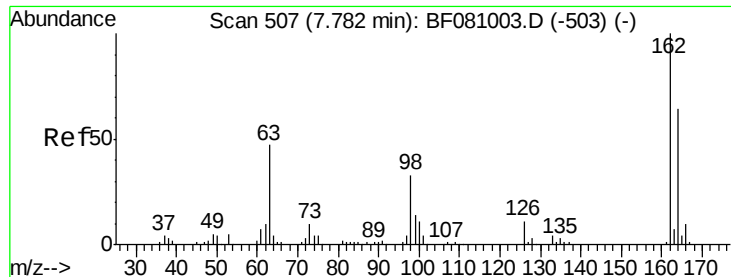
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.09 ng
 RT: 7.66 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion: 93 Resp: 209191
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.8 38.8
 123 8.5 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

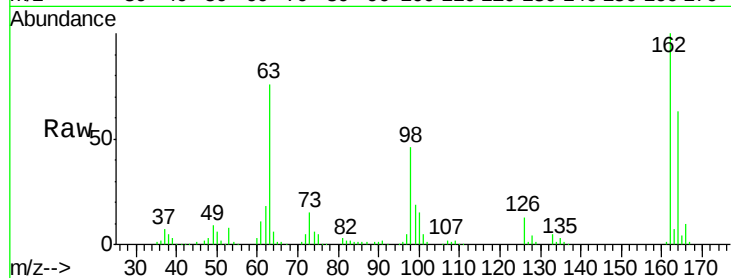




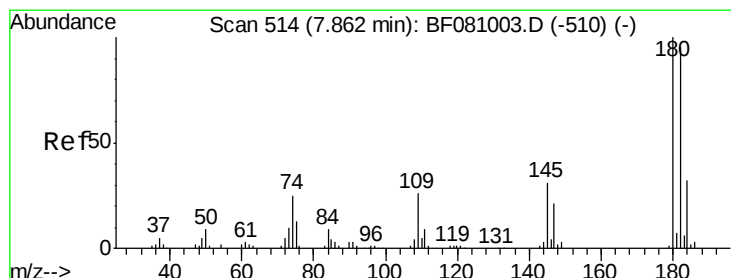
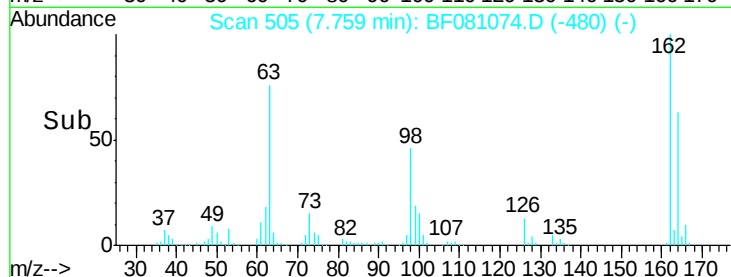
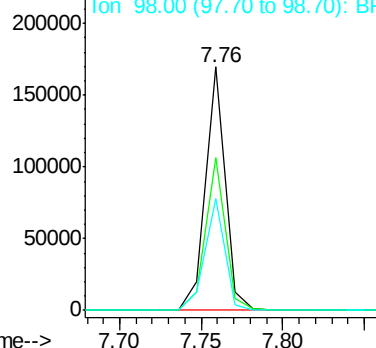
#29
 2,4-Dichlorophenol
 Concen: 38.84 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	46.0	12.3	52.3

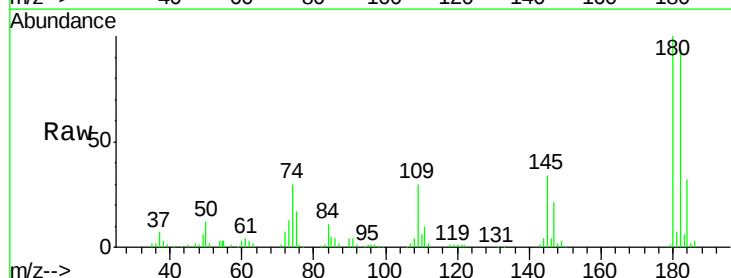


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

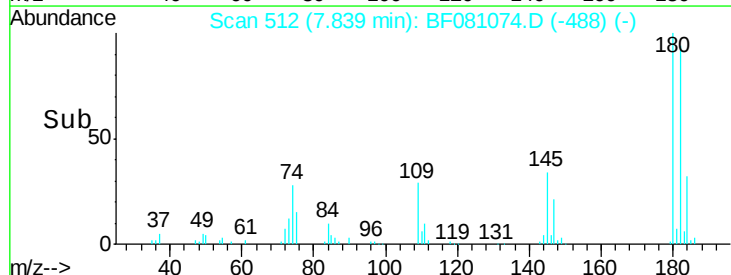
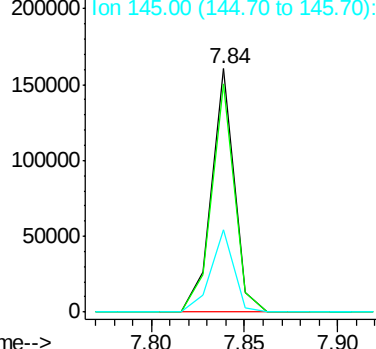


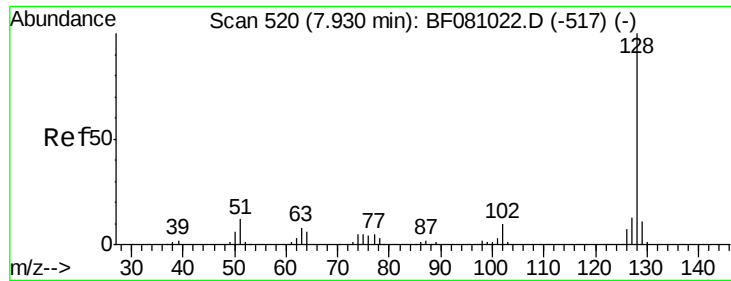
#30
 1,2,4-Trichlorobenzene
 Concen: 34.14 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	33.8	25.4	38.2



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

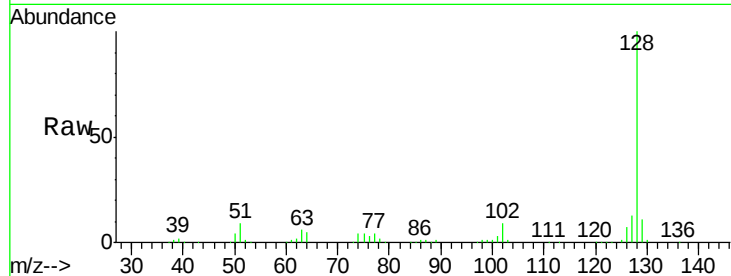




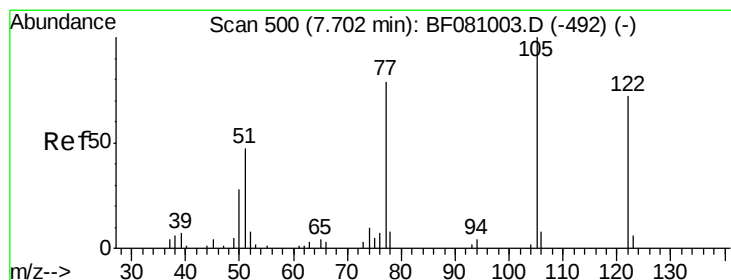
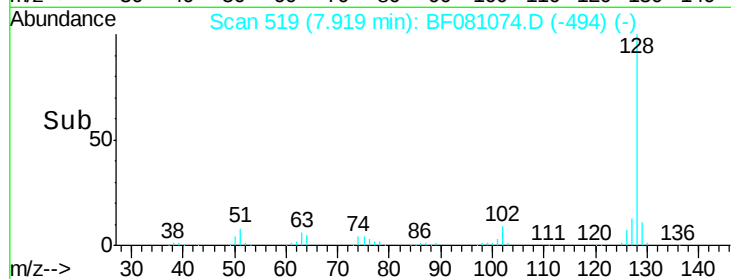
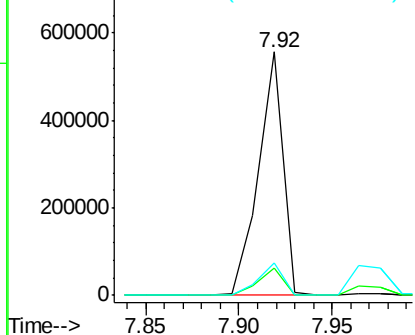
#31
Naphthalene
Concen: 36.28 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tgt Ion:128 Resp: 514554
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.2 10.6 16.0

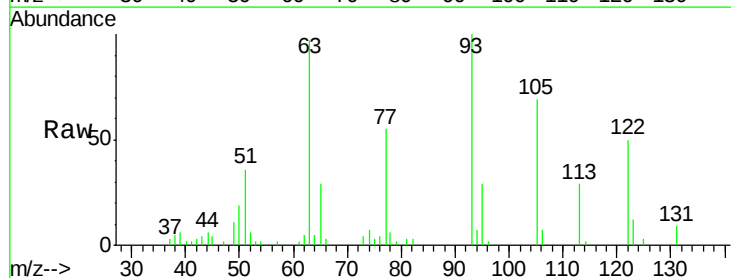


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

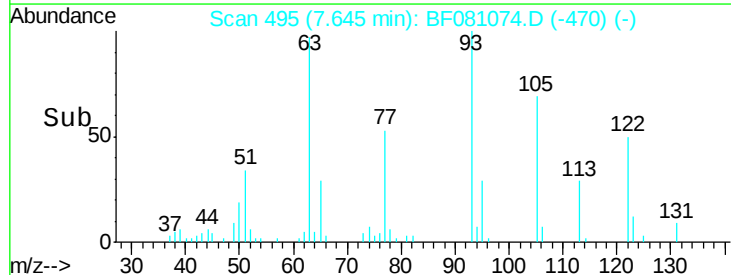
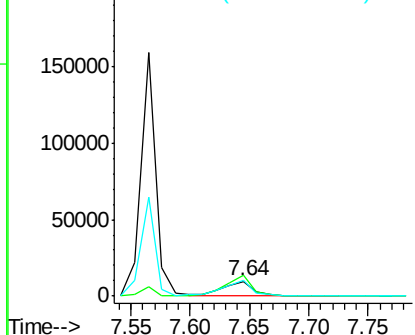


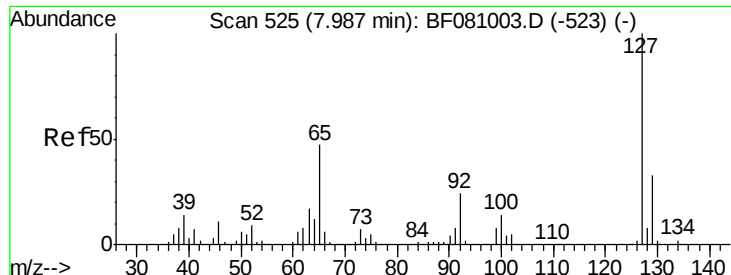
#32
Benzoic acid
Concen: 7.48 ng
RT: 7.64 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion:122 Resp: 18018
Ion Ratio Lower Upper
122 100
105 136.9 113.8 153.8
77 108.9 93.8 133.8



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

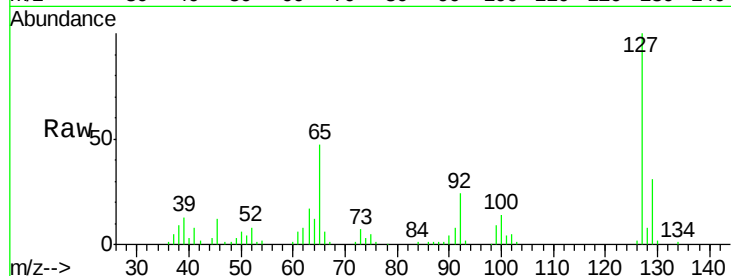




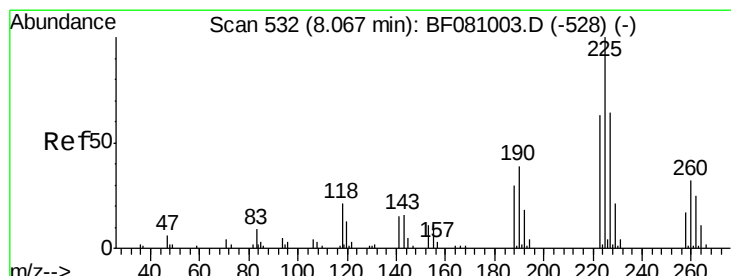
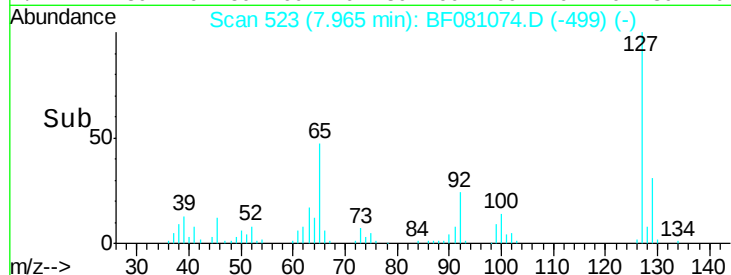
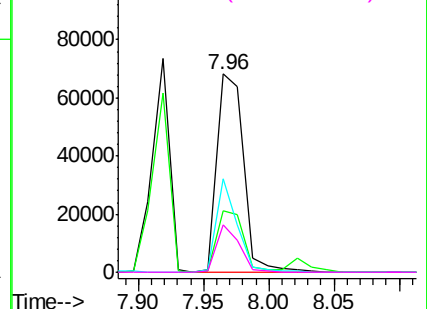
#33
4-Chloroaniline
Concen: 16.38 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tgt Ion:	127	Resp:	98003
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.2	37.8
65	47.1	37.8	56.6
92	24.2	19.5	29.3

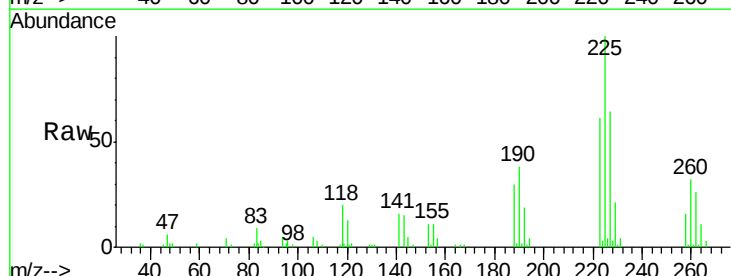


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

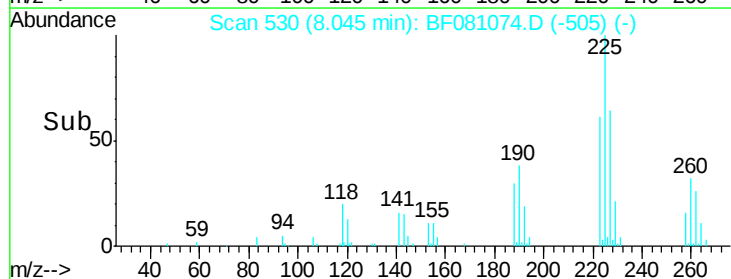
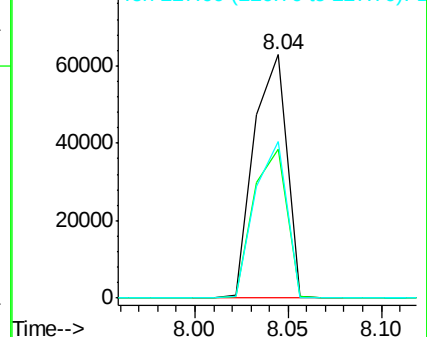


#34
Hexachlorobutadiene
Concen: 33.73 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion:	225	Resp:	76457
Ion	Ratio	Lower	Upper
225	100		
223	60.9	52.6	79.0
227	64.3	51.1	76.7



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

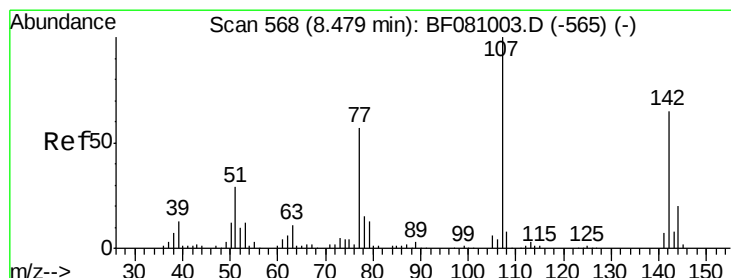
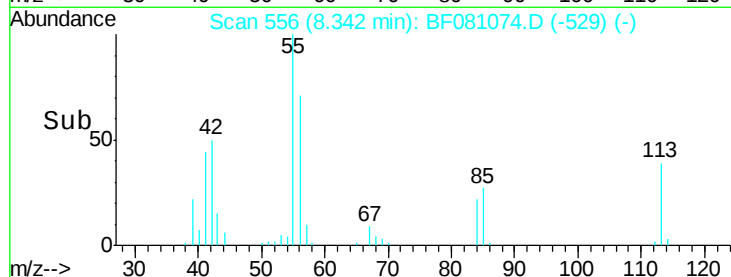
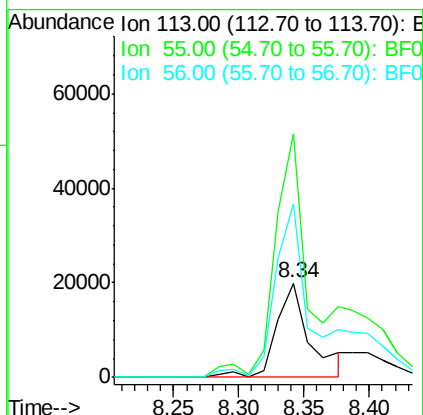
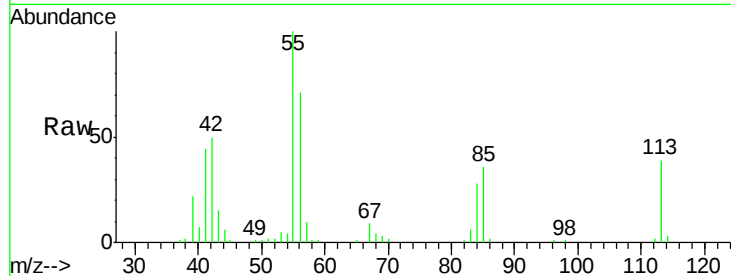




#35
 Caprolactam
 Concen: 28.31 ng
 RT: 8.34 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

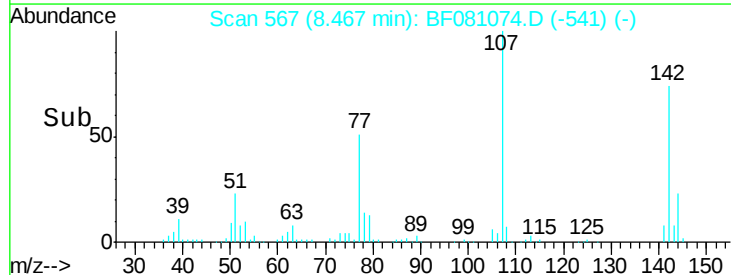
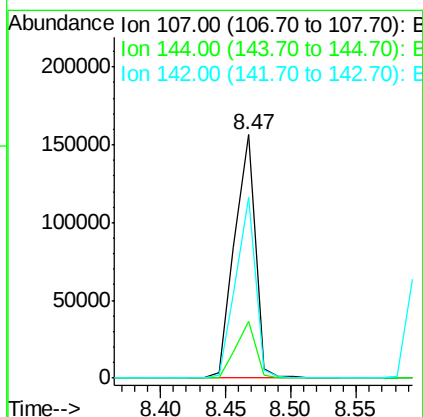
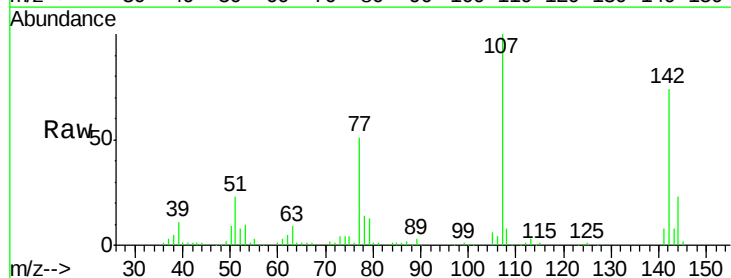
Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

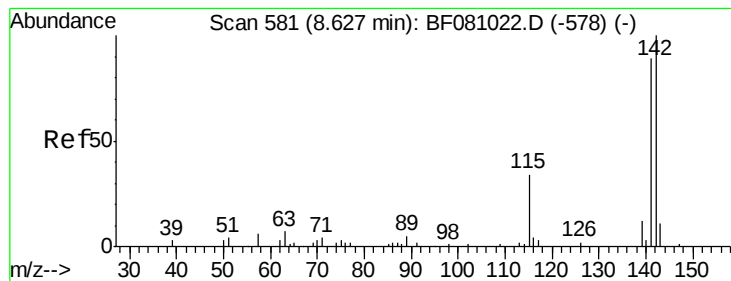
Tgt Ion:113 Resp: 35683
 Ion Ratio Lower Upper
 113 100
 55 259.2 280.4 320.4#
 56 184.9 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 40.38 ng
 RT: 8.47 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion:107 Resp: 173580
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.2 25.8
 142 74.2 54.9 82.3

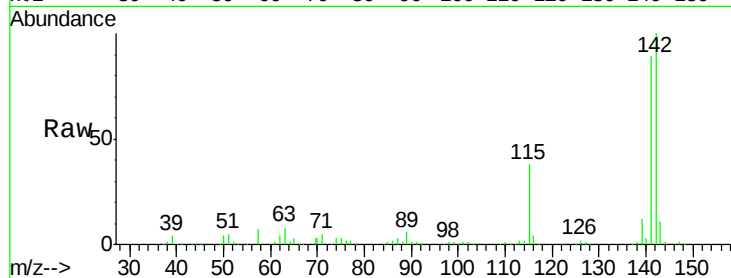




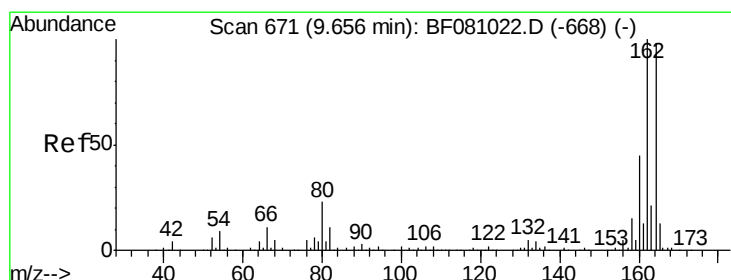
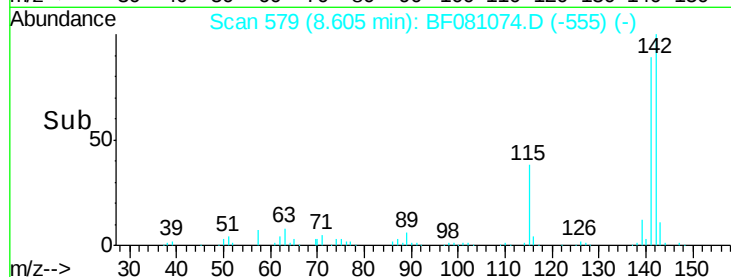
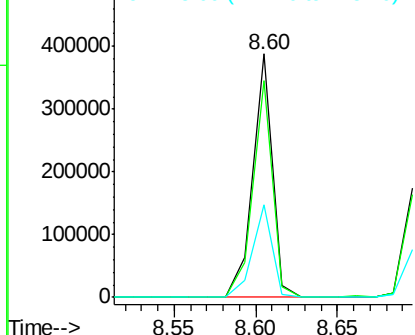
#37
 2-Methylnaphthalene
 Concen: 36.14 ng
 RT: 8.60 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tgt Ion:142 Resp: 323771
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2
 115 38.3 33.4 50.0

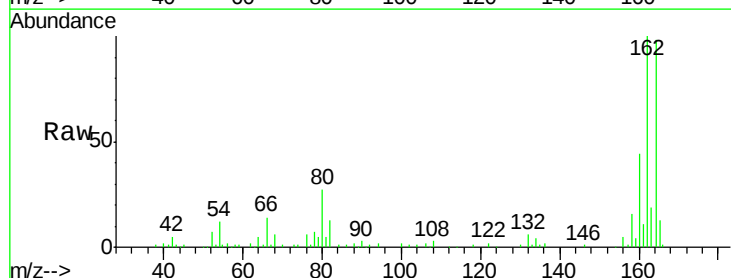


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

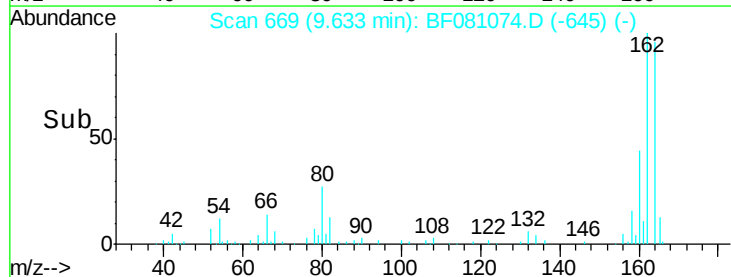
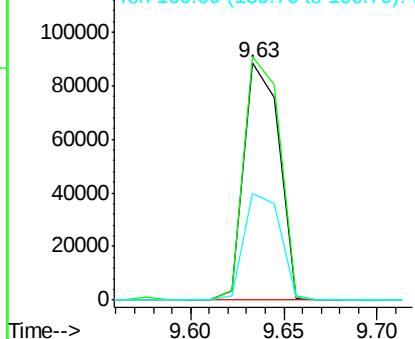


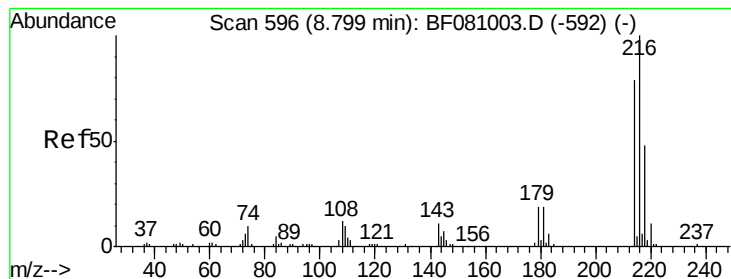
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion:164 Resp: 115471
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.8 125.8
 160 45.1 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.61 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

Tgt Ion:216 Resp: 136405

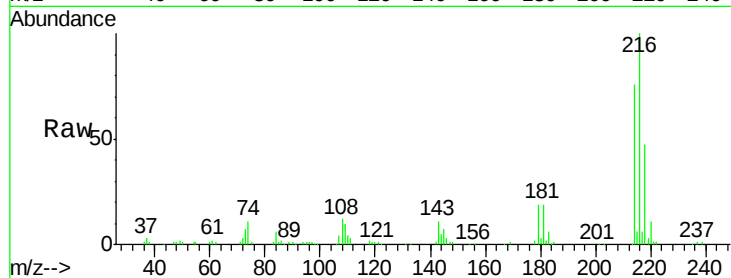
Ion Ratio Lower Upper

216 100

214 77.4 63.8 95.8

179 21.1 17.8 26.8

108 20.5 16.2 24.2

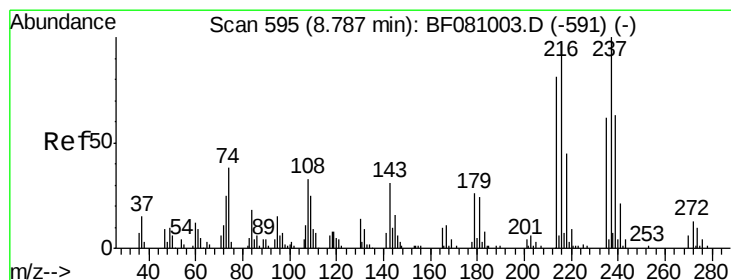
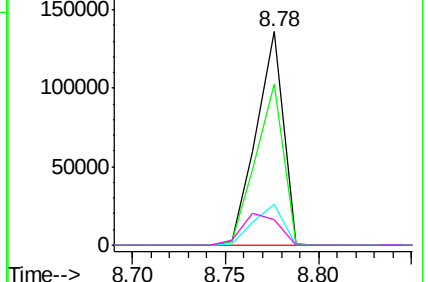
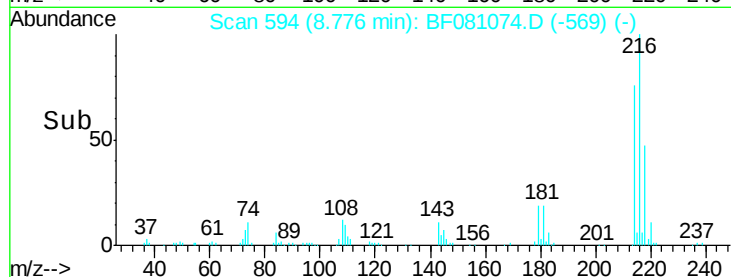


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.79 ng

RT: 8.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

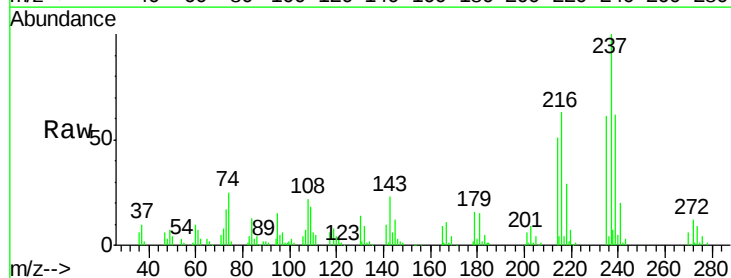
Tgt Ion:237 Resp: 94090

Ion Ratio Lower Upper

237 100

235 60.7 43.6 83.6

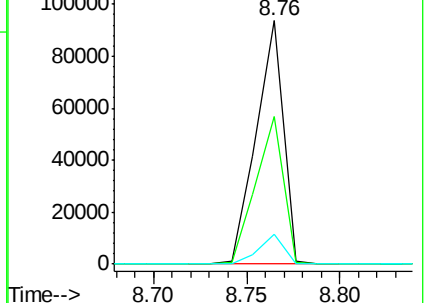
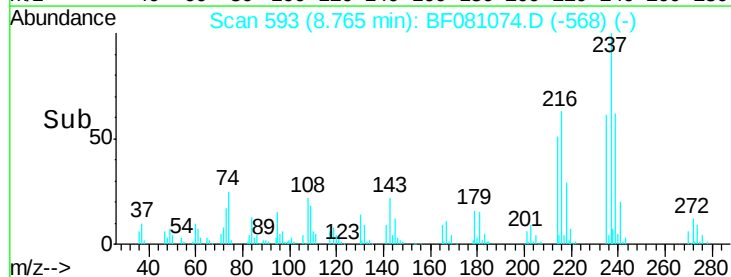
272 12.1 0.0 32.2

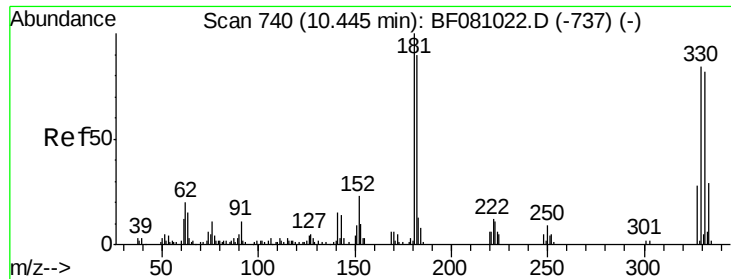


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 105.37 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

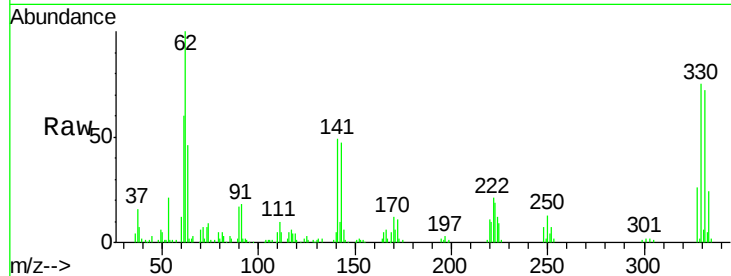
Tgt Ion:330 Resp: 105474

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

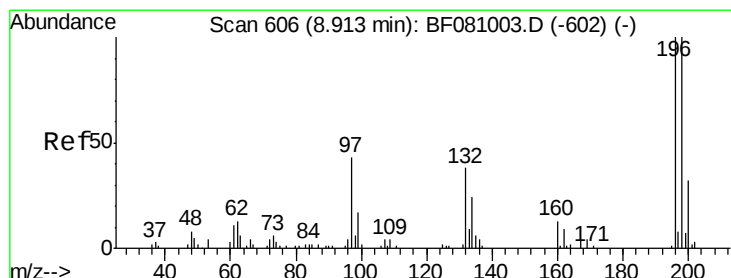
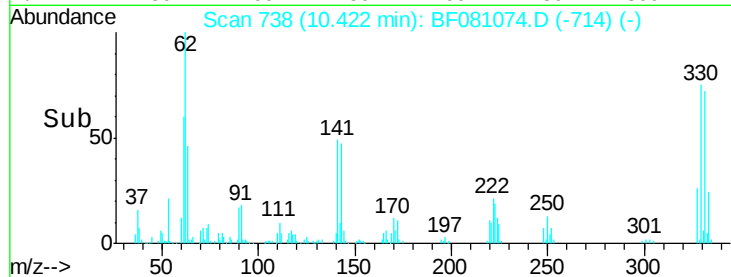
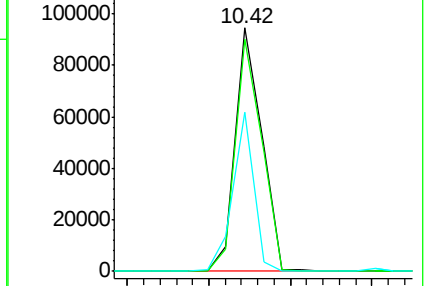
141 51.8 44.9 67.3



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: 36.59 ng

RT: 8.89 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

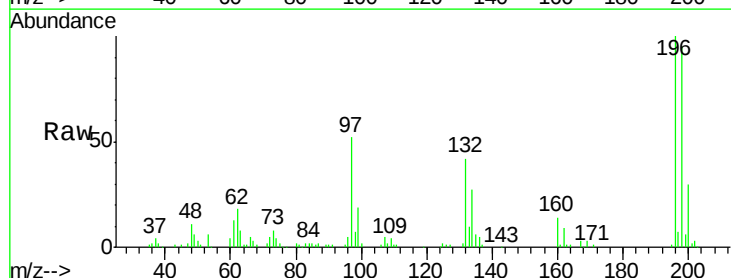
Tgt Ion:196 Resp: 96295

Ion Ratio Lower Upper

196 100

198 95.1 74.6 111.8

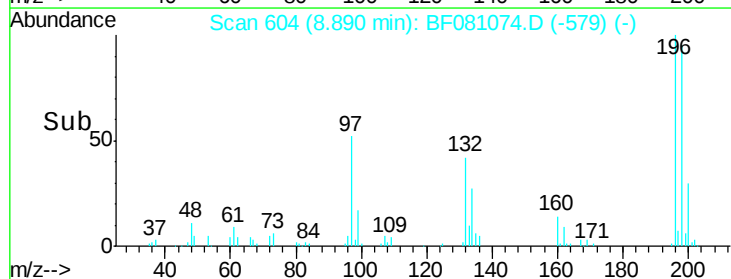
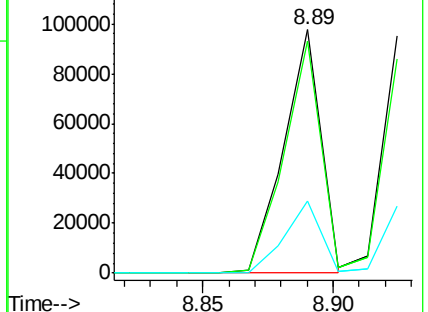
200 29.8 22.7 34.1



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

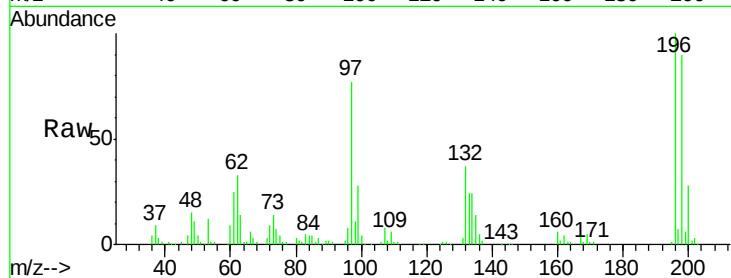




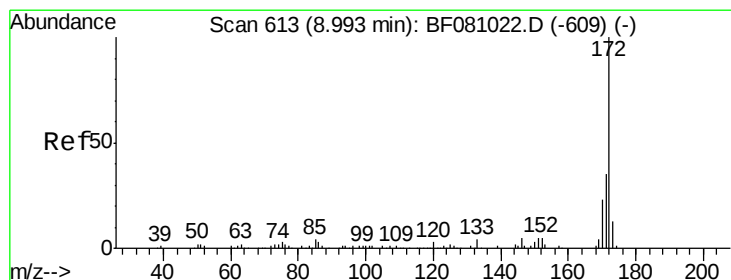
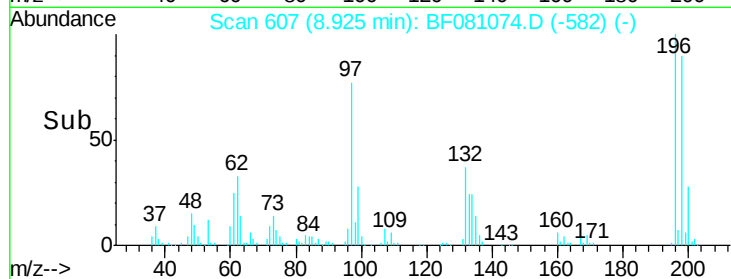
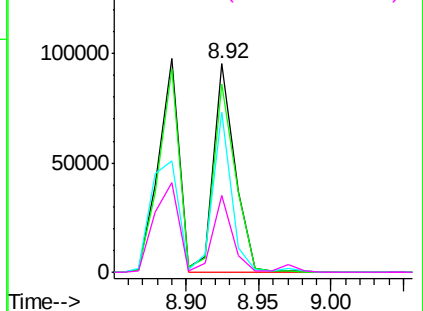
#43
 2,4,5-Trichlorophenol
 Concen: 37.15 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tgt Ion:	196	Resp:	97733
Ion	Ratio	Lower	Upper
196	100		
198	90.1	78.3	117.5
97	76.8	42.7	64.1#
132	36.8	23.3	34.9#

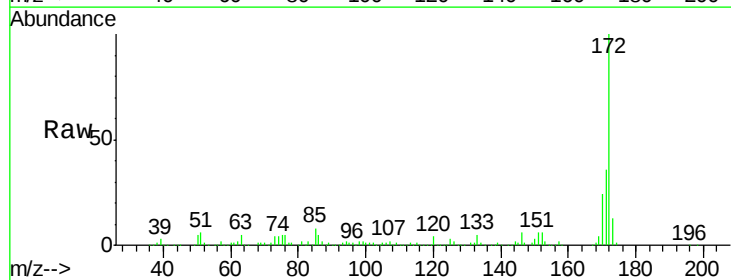


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

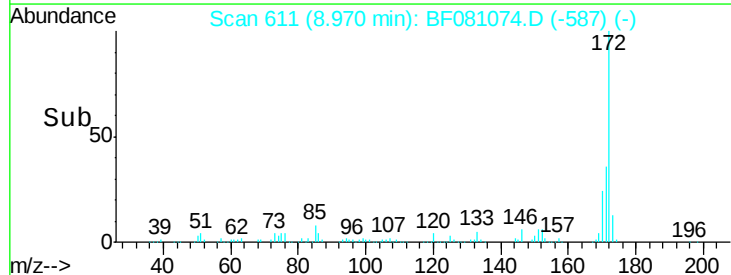
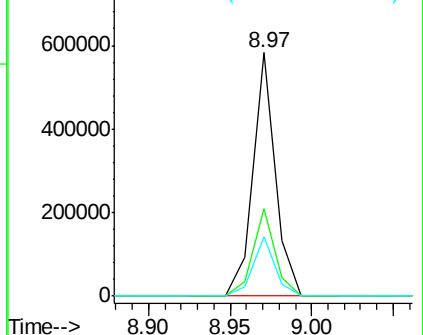


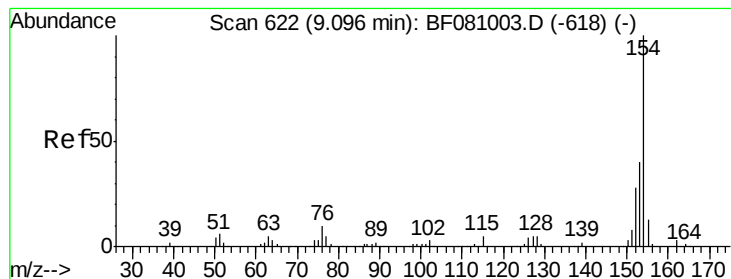
#44
 2-Fluorobiphenyl
 Concen: 63.08 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion:	172	Resp:	555871
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.3	19.4	29.2



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: 40.12 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

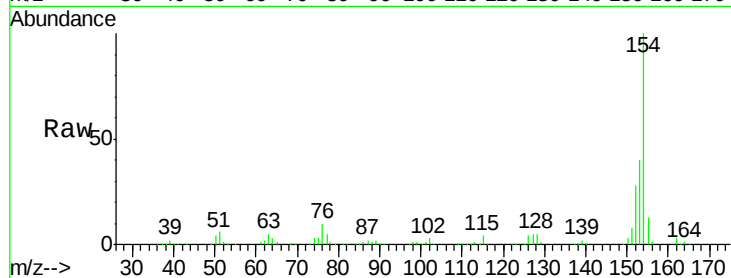
Tgt Ion:154 Resp: 408014

Ion Ratio Lower Upper

154 100

153 40.1 19.5 59.5

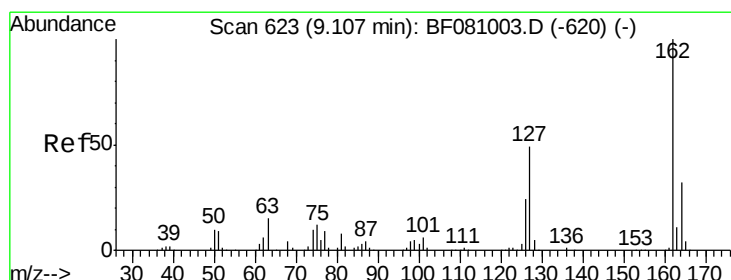
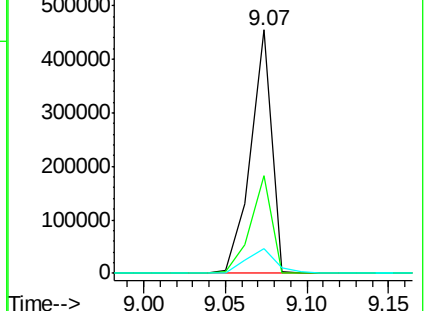
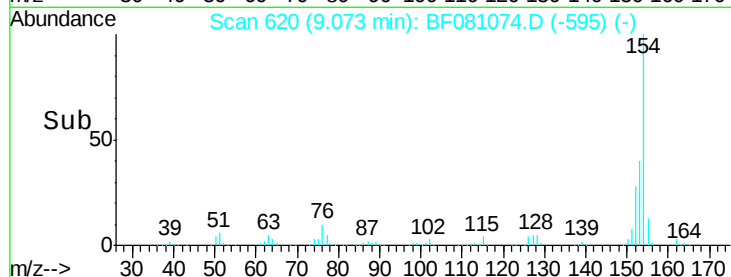
76 10.4 0.0 29.3



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: 32.91 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

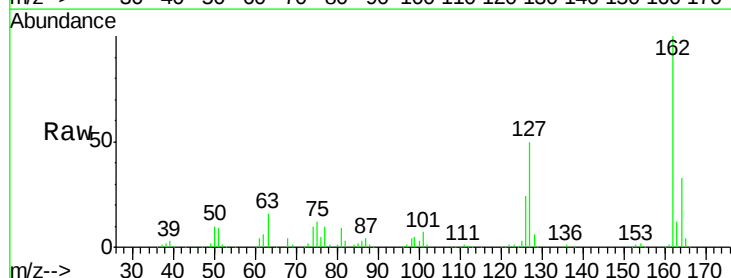
Tgt Ion:162 Resp: 268885

Ion Ratio Lower Upper

162 100

127 50.3 31.3 46.9#

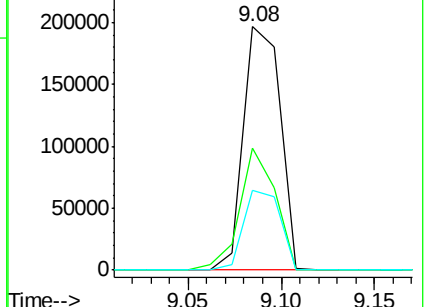
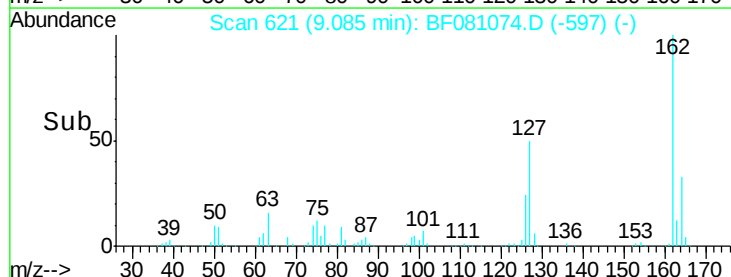
164 32.7 26.3 39.5

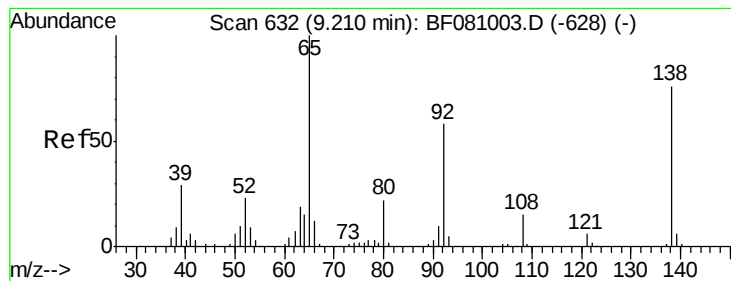


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 32.74 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

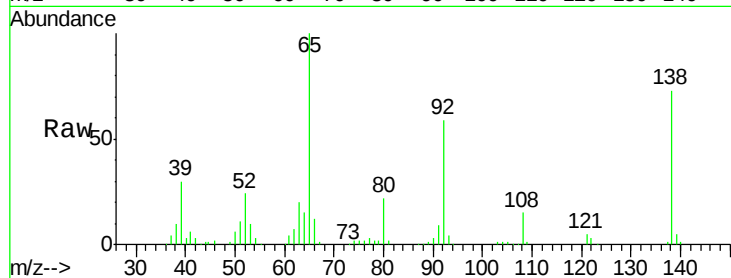
Tgt Ion: 65 Resp: 109486

Ion Ratio Lower Upper

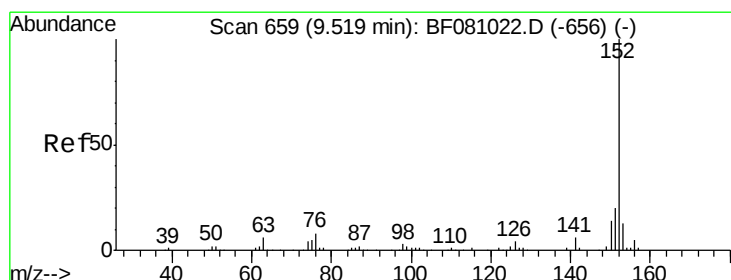
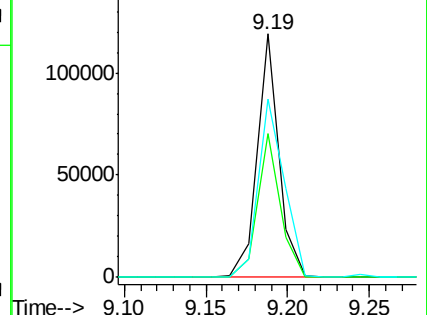
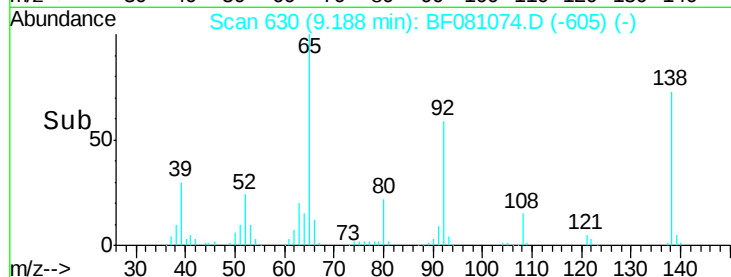
65 100

92 59.0 45.6 68.4

138 73.5 57.9 86.9



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: 30.81 ng

RT: 9.50 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

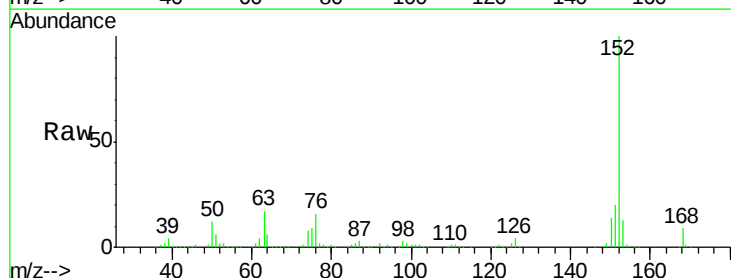
Tgt Ion: 152 Resp: 450272

Ion Ratio Lower Upper

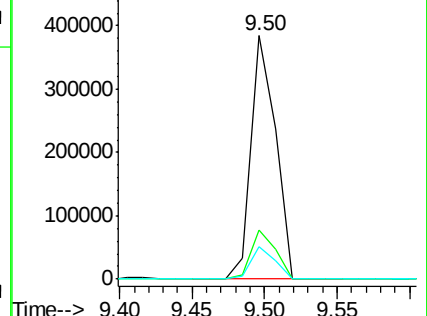
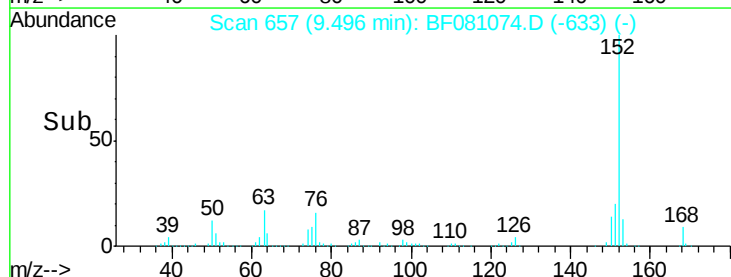
152 100

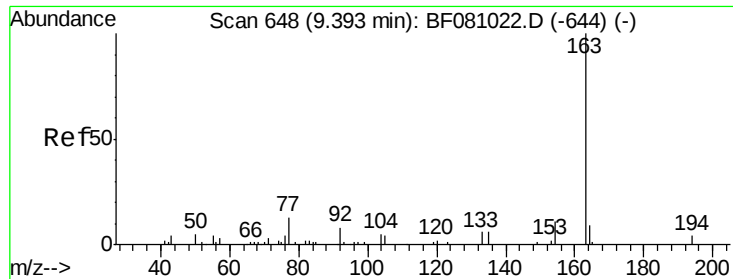
151 20.3 16.1 24.1

153 13.4 9.8 14.6



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

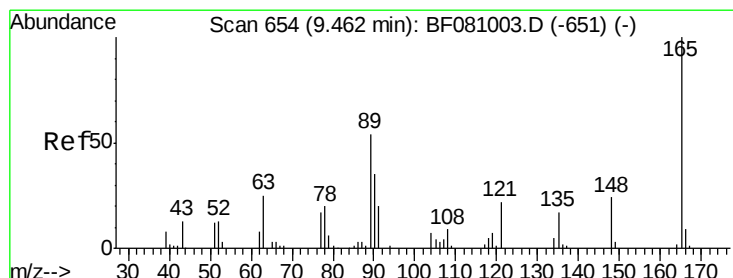
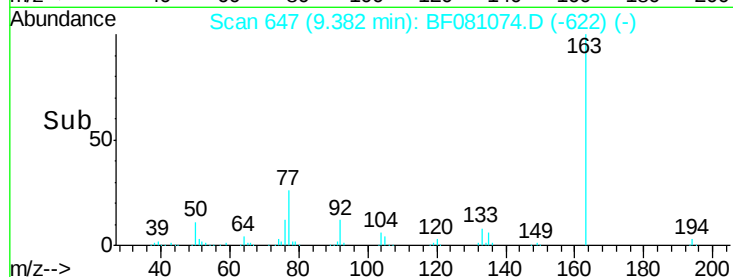
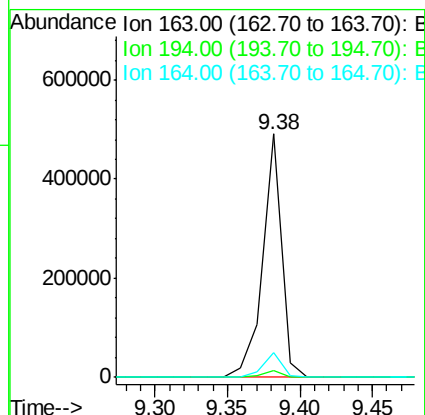
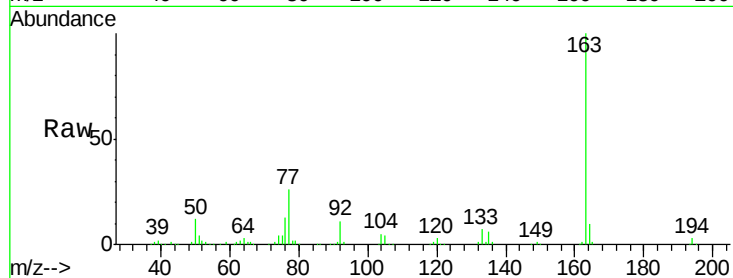




#49
Dimethylphthalate
Concen: 46.52 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

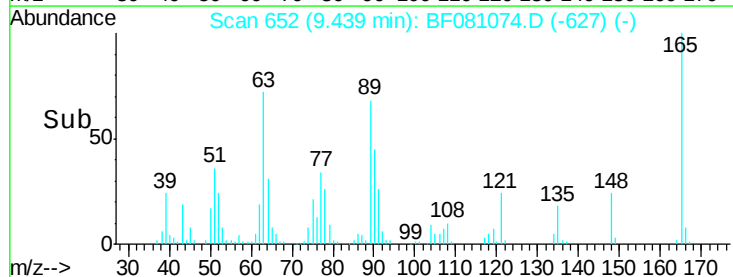
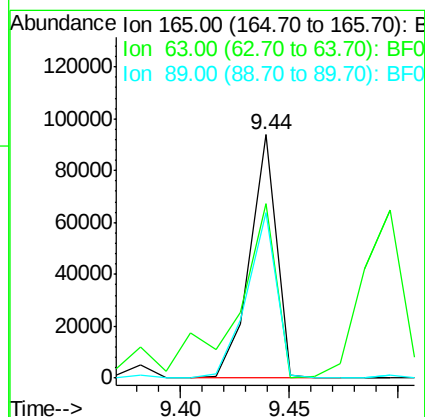
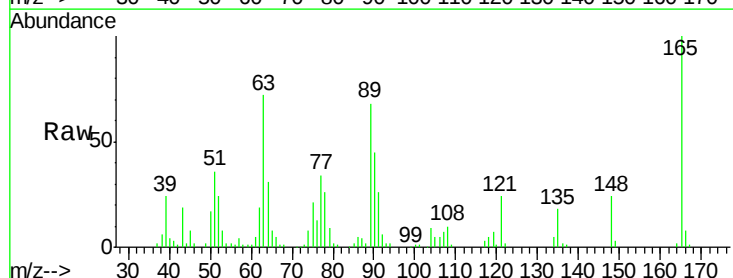
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tgt Ion:163 Resp: 442380
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 39.24 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion:165 Resp: 80118
Ion Ratio Lower Upper
165 100
63 71.7 49.5 74.3
89 68.2 47.6 71.4





#51

Acenaphthene

Concen: 31.46 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

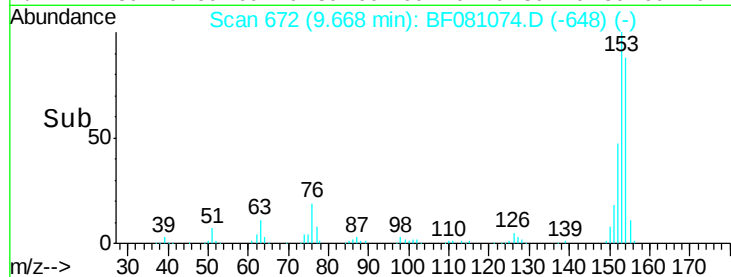
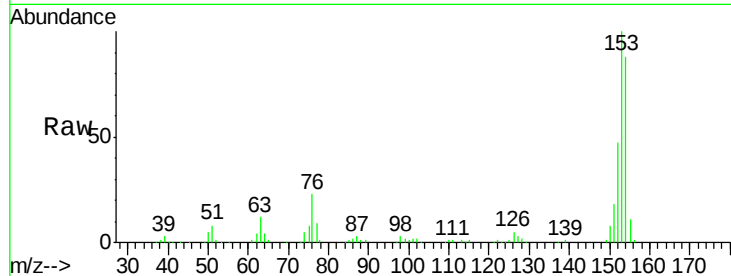
Tgt Ion:154 Resp: 275308

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

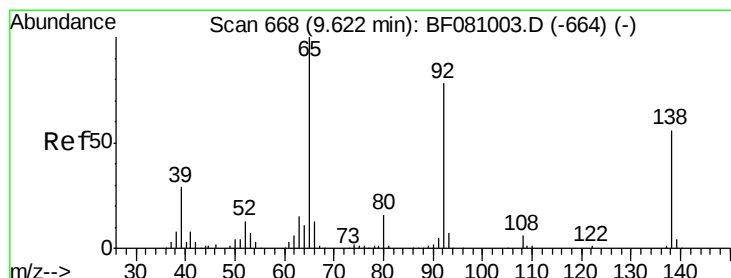
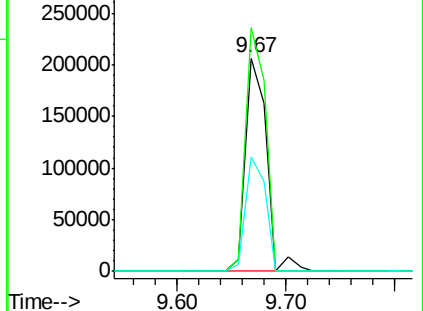
152 53.7 43.7 65.5



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: 25.66 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

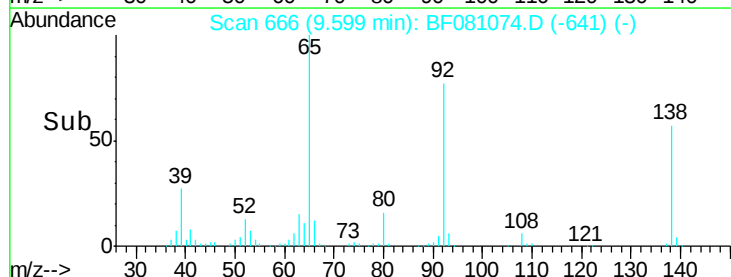
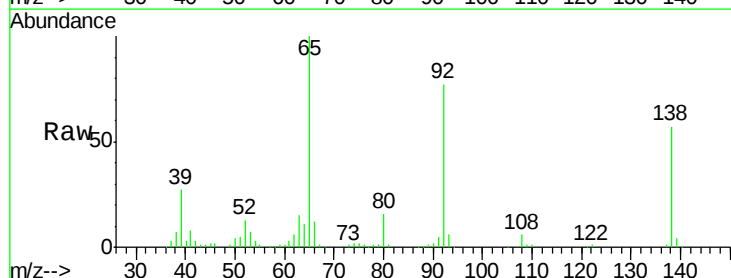
Tgt Ion:138 Resp: 65567

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.2

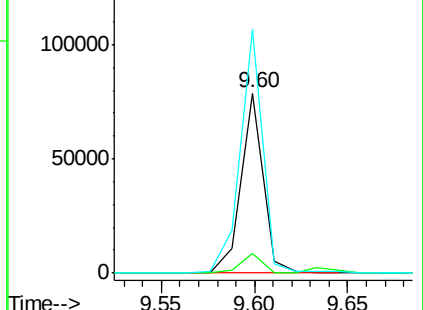
92 135.3 113.2 169.8

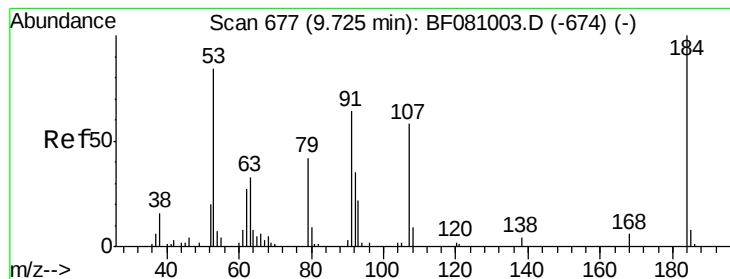


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 21.21 ng

RT: 9.70 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

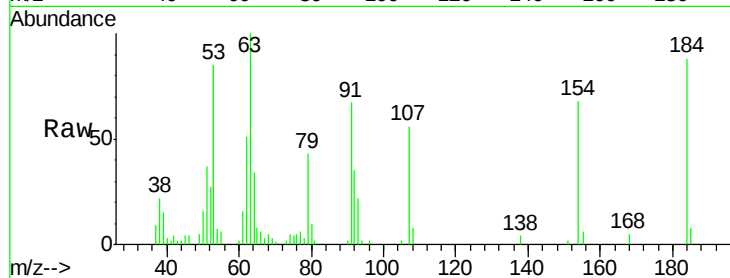
Tgt Ion:184 Resp: 18639

Ion Ratio Lower Upper

184 100

63 113.0 101.7 152.5

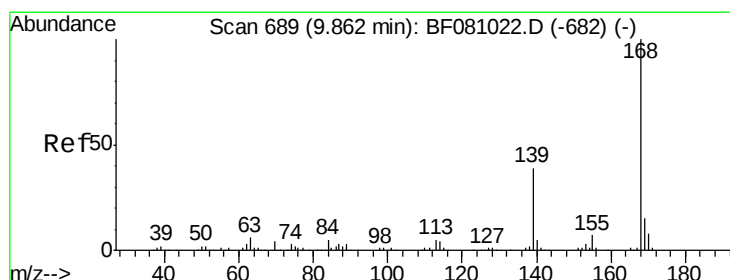
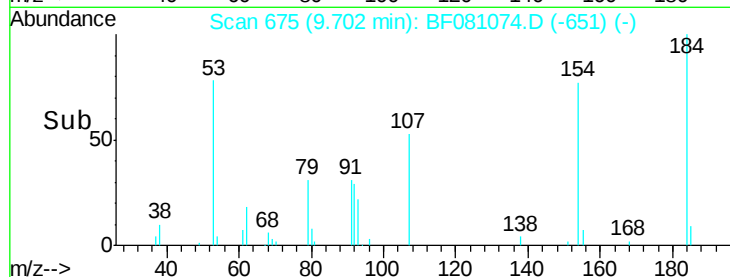
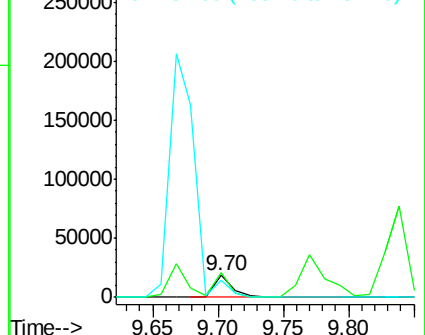
154 77.3 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 32.07 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

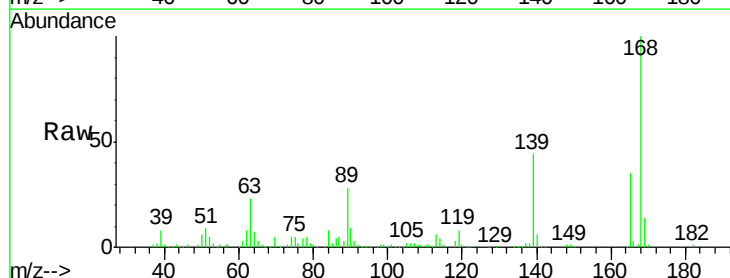
Tgt Ion:168 Resp: 376099

Ion Ratio Lower Upper

168 100

139 43.9 29.3 43.9

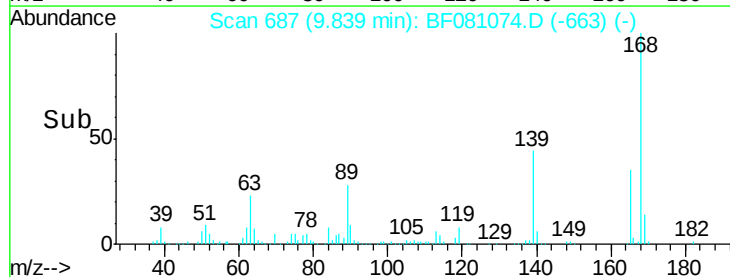
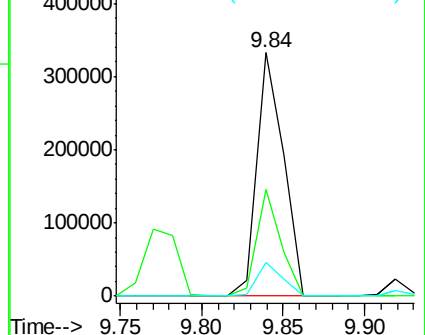
169 13.9 10.3 15.5

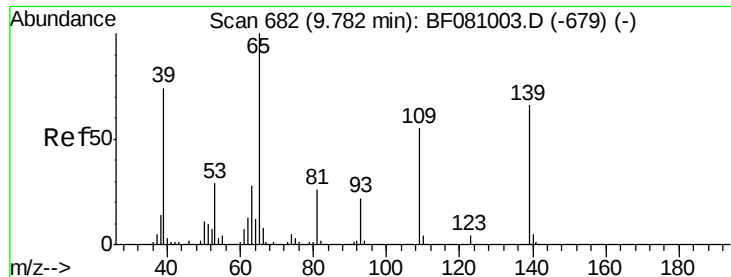


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.08 ng

RT: 9.77 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

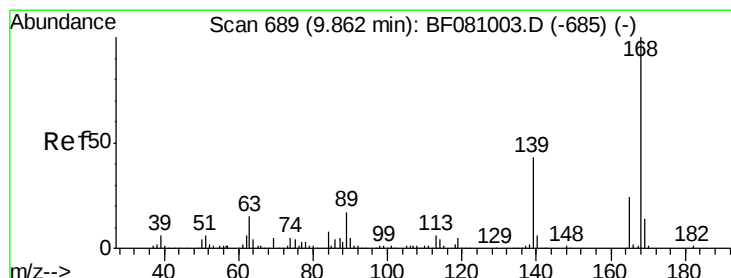
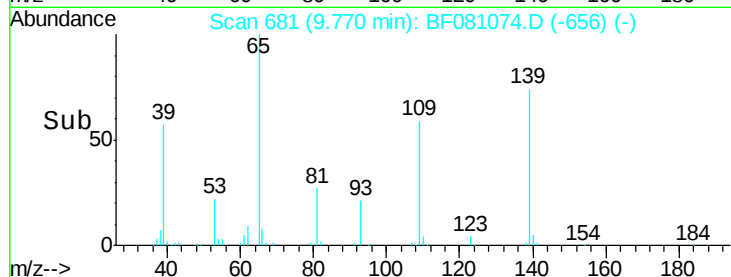
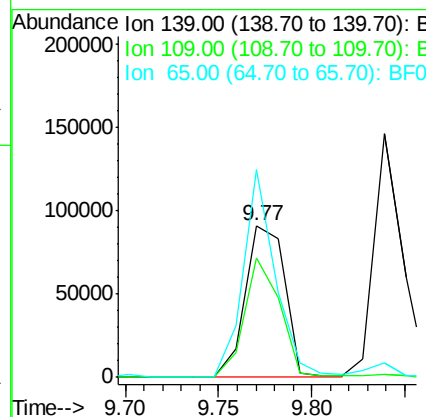
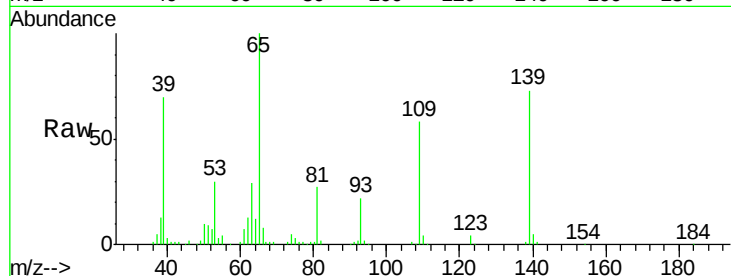
Tgt Ion:139 Resp: 134738

Ion Ratio Lower Upper

139 100

109 78.7 80.0 120.0#

65 136.6 138.3 178.3#



#56

2,4-Dinitrotoluene

Concen: 40.30 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion:165 Resp: 109069

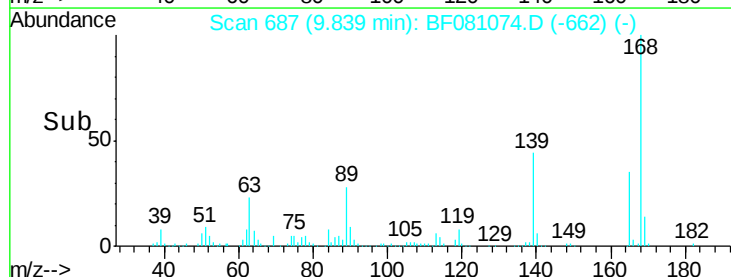
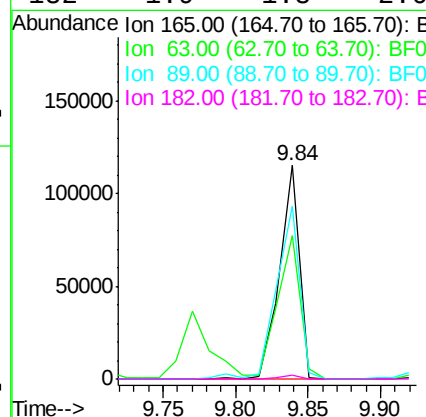
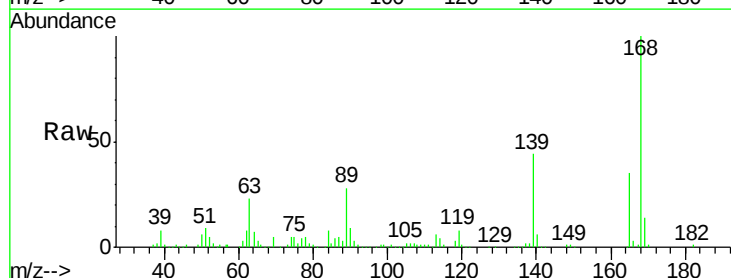
Ion Ratio Lower Upper

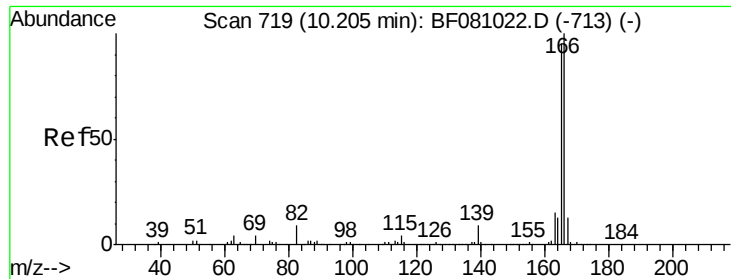
165 100

63 67.1 52.2 78.4

89 81.2 60.1 90.1

182 1.9 1.8 2.6

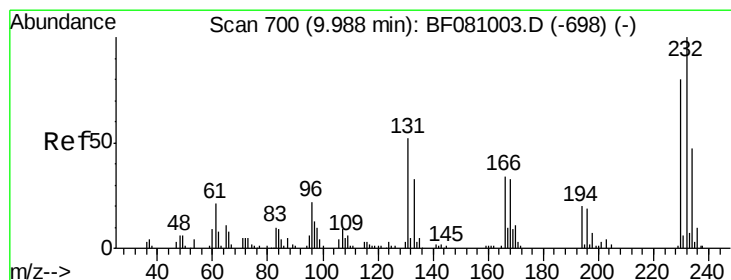
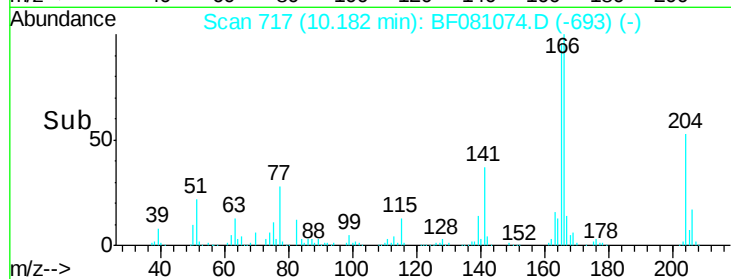
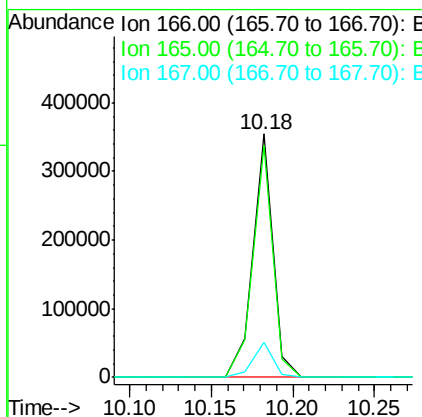
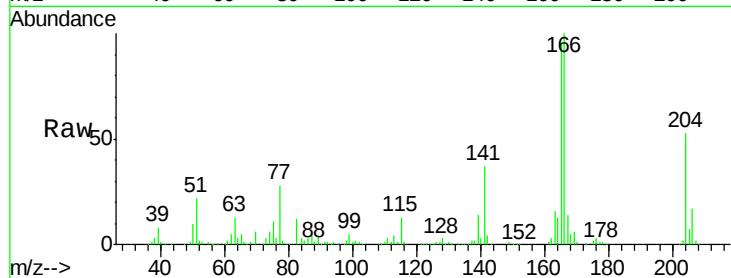




#57
 Fluorene
 Concen: 33.64 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

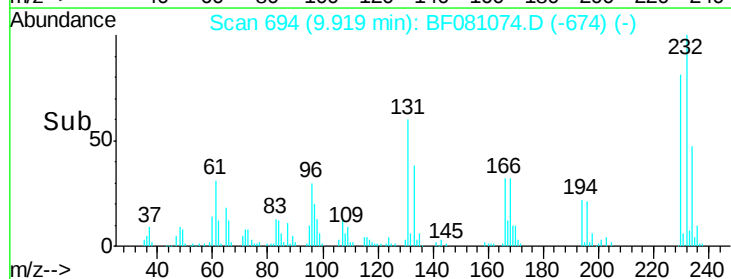
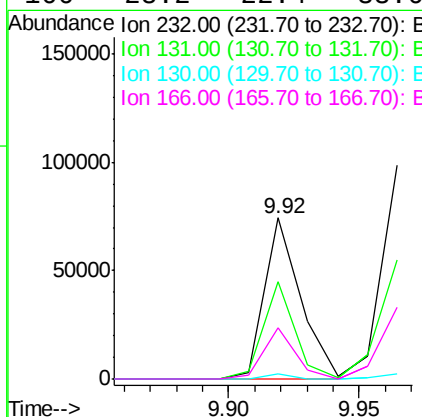
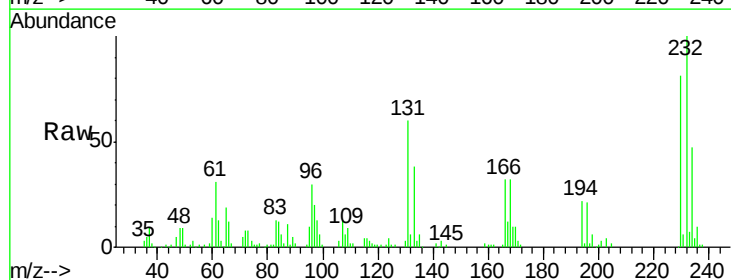
Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

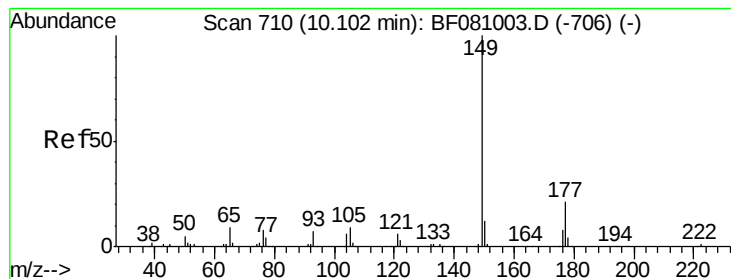
Tgt Ion:166 Resp: 303482
 Ion Ratio Lower Upper
 166 100
 165 95.6 75.8 113.8
 167 14.2 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.39 ng
 RT: 9.92 min Scan# 694
 Delta R.T. -0.07 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion:232 Resp: 72047
 Ion Ratio Lower Upper
 232 100
 131 52.8 42.2 63.4
 130 2.5 2.1 3.1
 166 28.2 22.4 33.6





#59

Diethylphthalate

Concen: 38.41 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

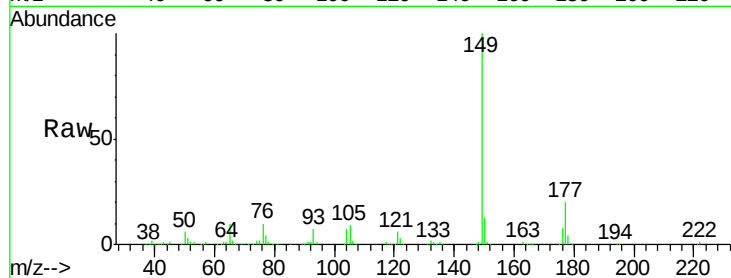
Tgt Ion:149 Resp: 386613

Ion Ratio Lower Upper

149 100

177 20.1 14.1 21.1

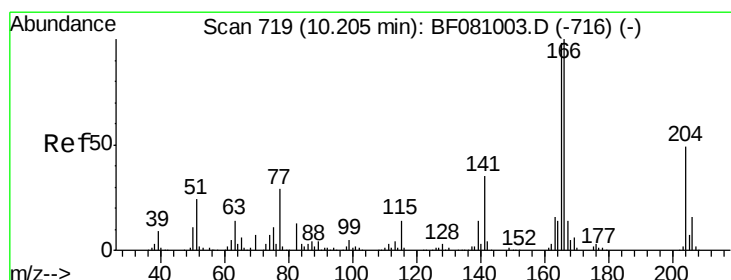
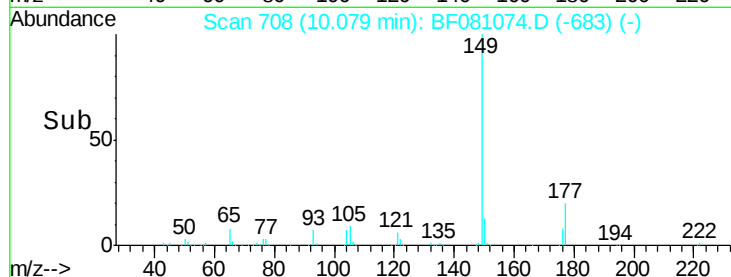
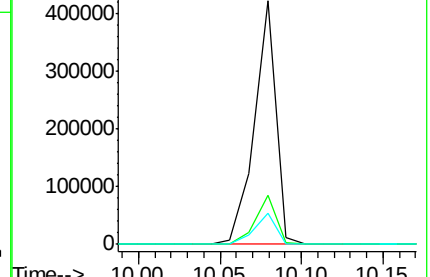
150 12.6 10.3 15.5



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: 38.71 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

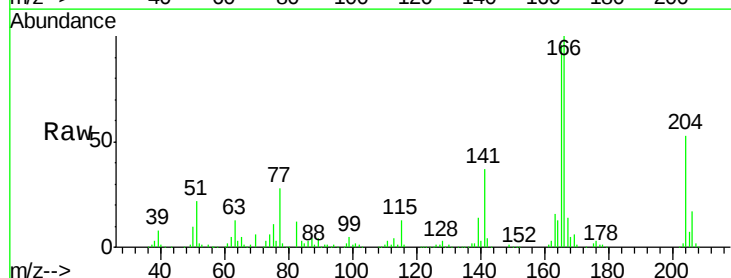
Tgt Ion:204 Resp: 147744

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

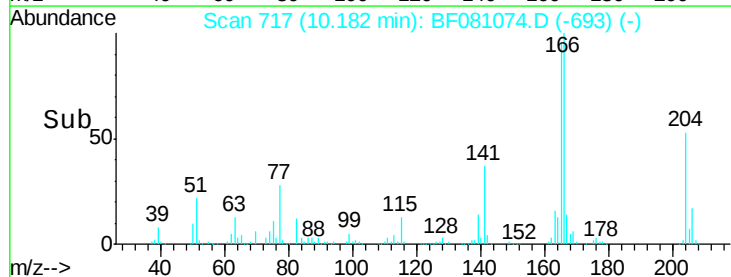
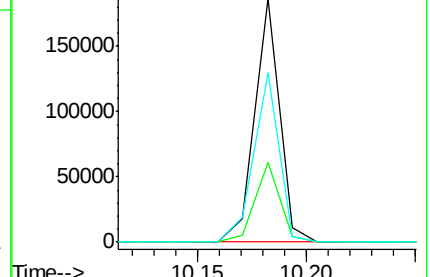
141 69.8 59.6 89.4

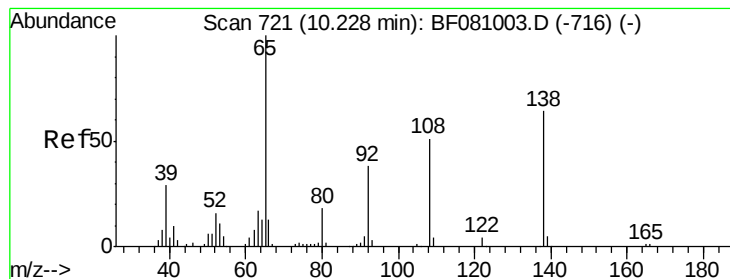


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.33 ng

RT: 10.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

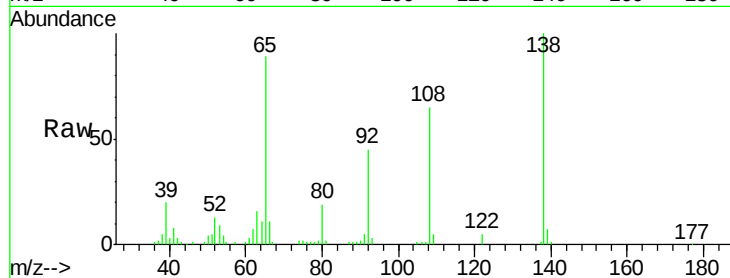
Tgt Ion:138 Resp: 89638

Ion Ratio Lower Upper

138 100

92 44.9 34.7 74.7

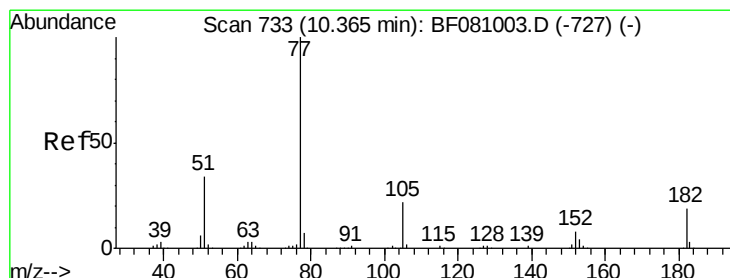
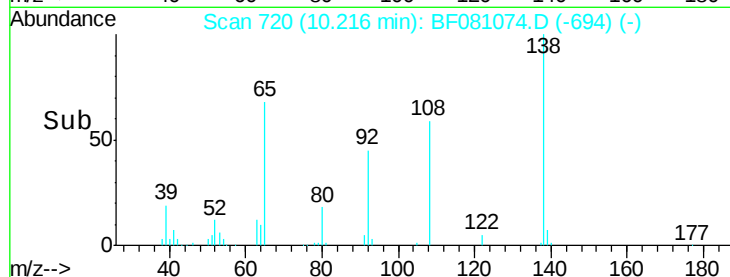
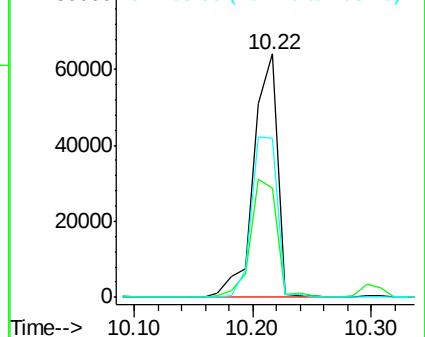
108 65.1 68.9 108.9#



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: 37.98 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Tgt Ion: 77 Resp: 440537

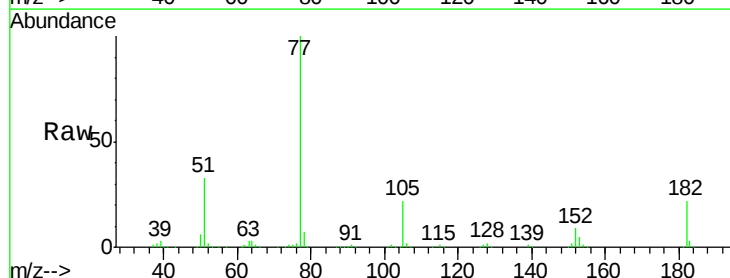
Ion Ratio Lower Upper

77 100

182 22.3 0.0 39.0

105 22.4 0.2 40.2

51 32.6 18.0 58.0

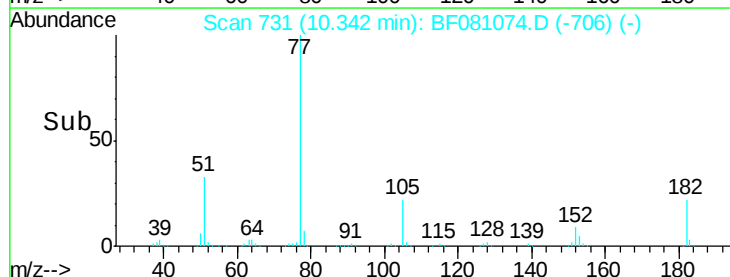
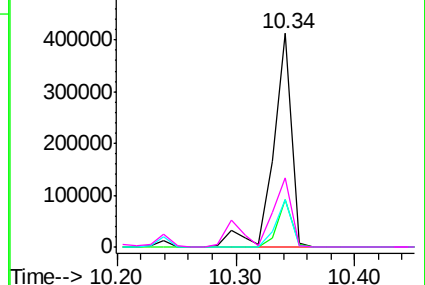


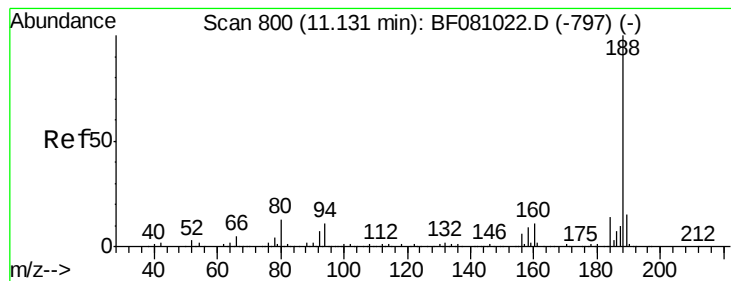
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.11 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

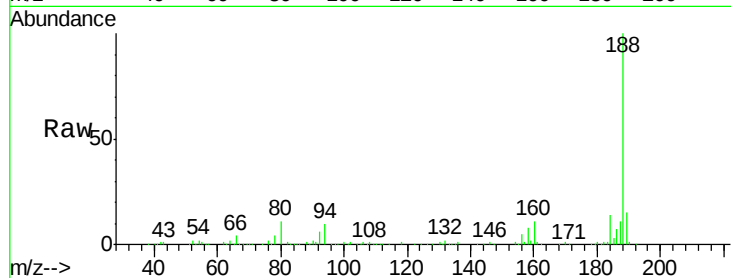
Tgt Ion:188 Resp: 233882

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

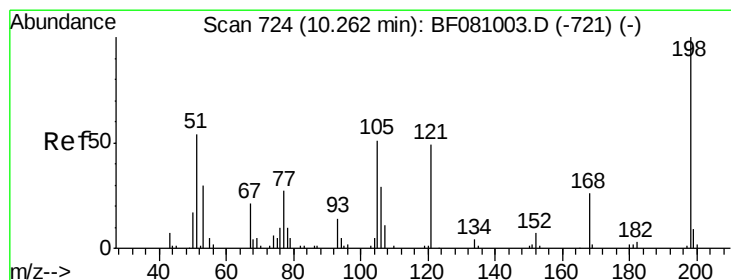
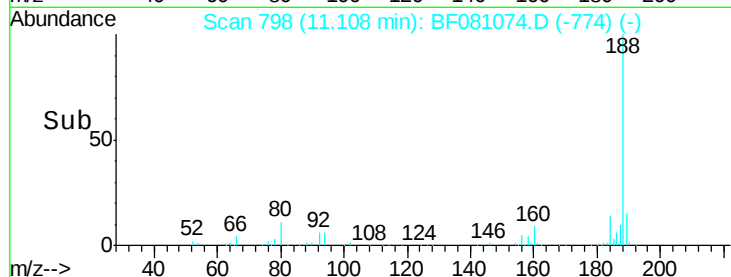
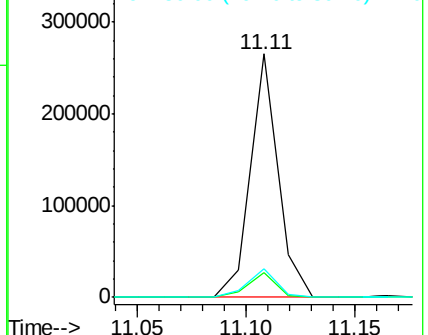
80 11.5 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 21.14 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

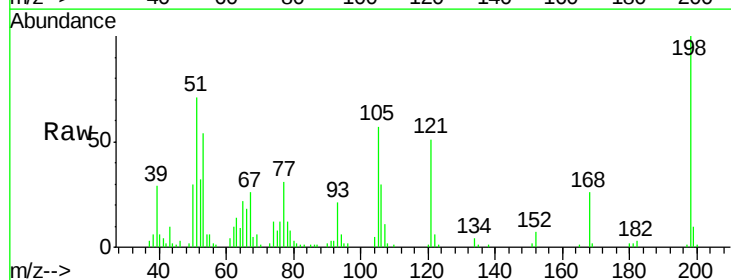
Tgt Ion:198 Resp: 29525

Ion Ratio Lower Upper

198 100

51 70.7 79.7 119.7#

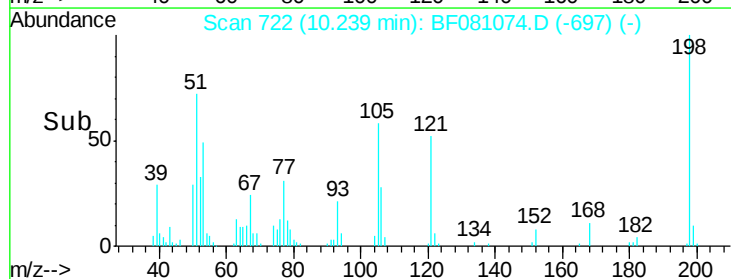
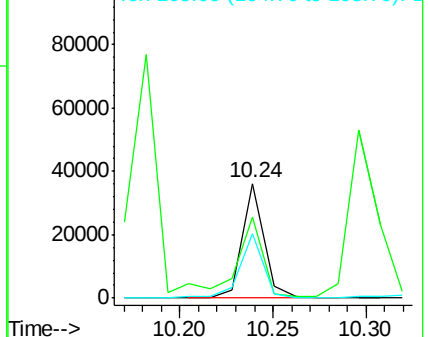
105 56.7 47.0 87.0

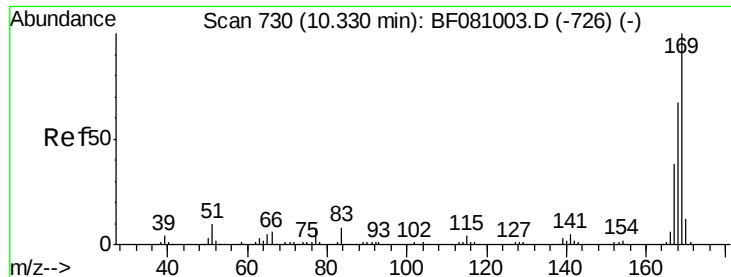


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

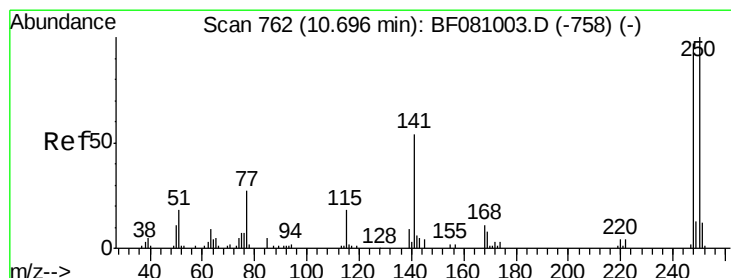
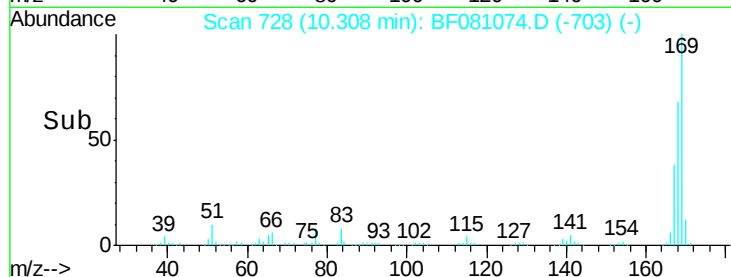
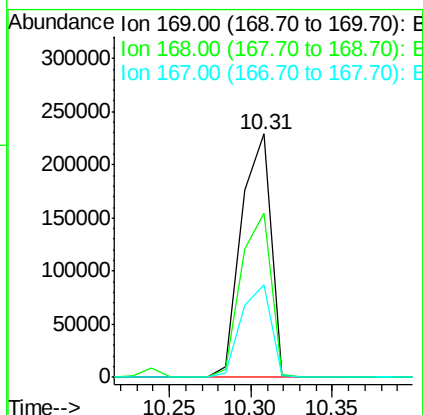
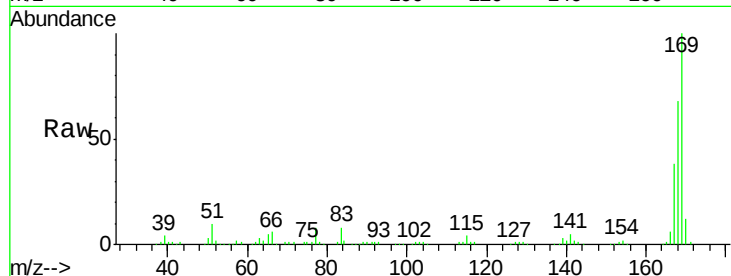




#65
 n-Nitrosodiphenylamine
 Concen: 34.40 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

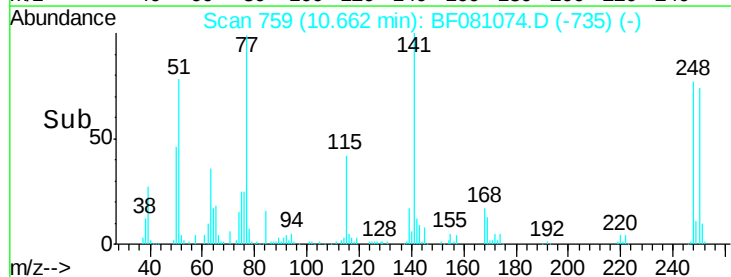
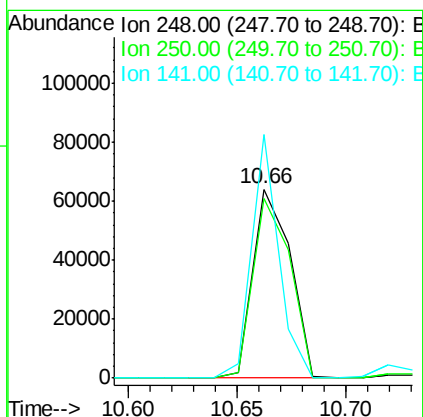
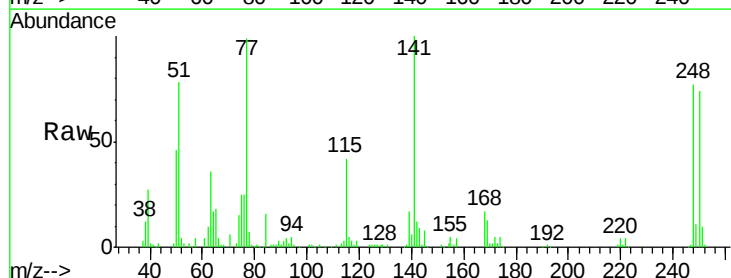
Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

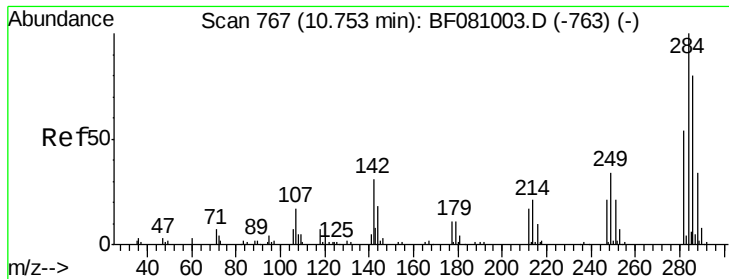
Tgt Ion:169 Resp: 287226
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.3 82.9
 167 38.0 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 33.50 ng
 RT: 10.66 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion:248 Resp: 76974
 Ion Ratio Lower Upper
 248 100
 250 95.3 77.8 116.6
 141 129.0 39.8 59.6#

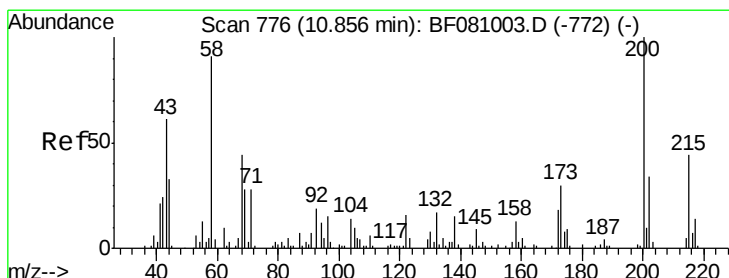
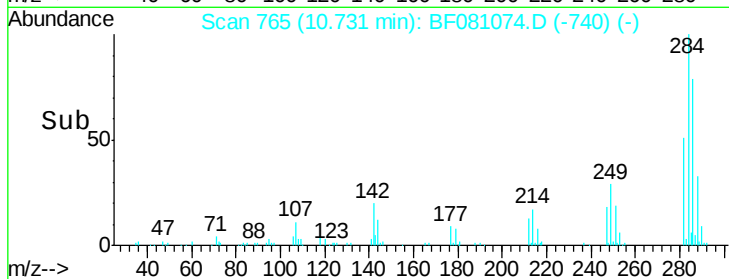
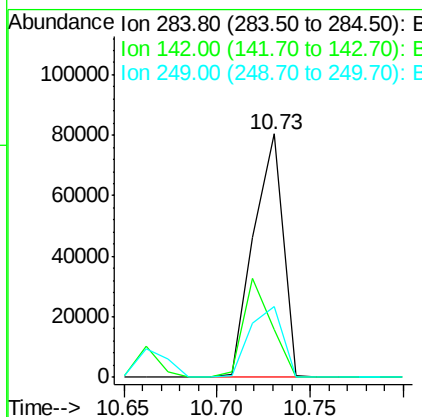
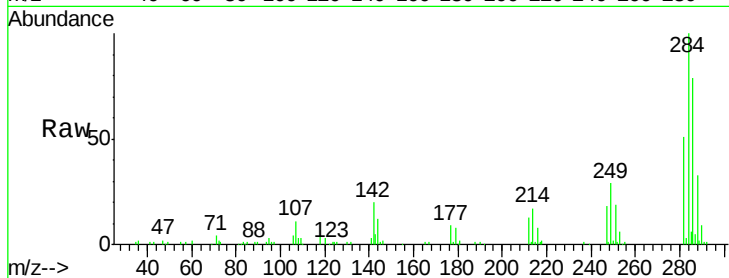




#67
Hexachlorobenzene
Concen: 37.86 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

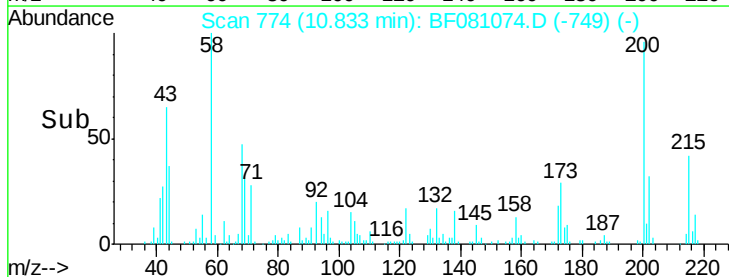
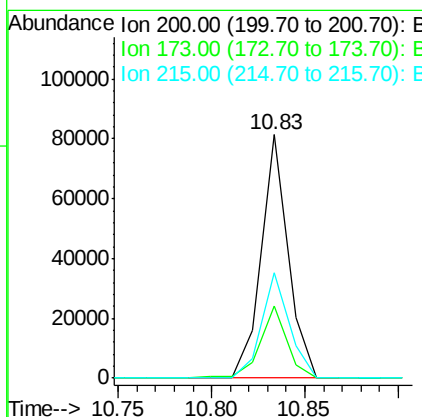
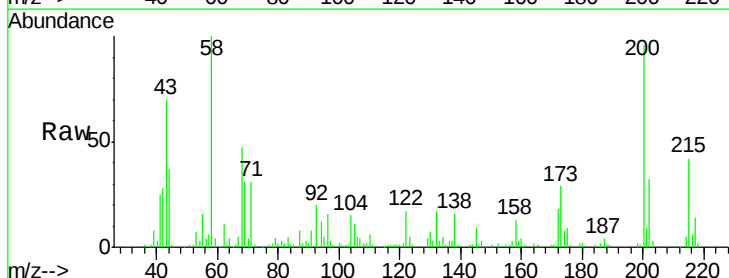
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

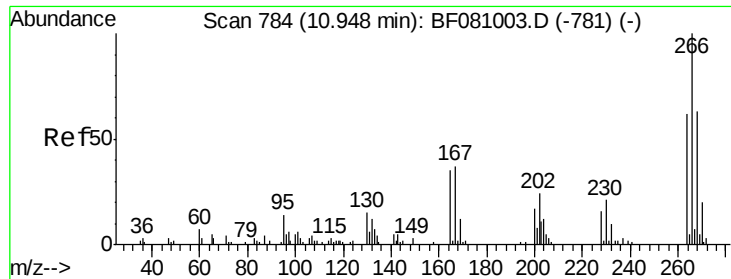
Tgt Ion:284 Resp: 88090
Ion Ratio Lower Upper
284 100
142 19.8 25.4 38.0#
249 29.1 28.5 42.7



#68
Atrazine
Concen: 34.74 ng
RT: 10.83 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion:200 Resp: 80807
Ion Ratio Lower Upper
200 100
173 29.8 8.1 48.1
215 43.5 23.3 63.3

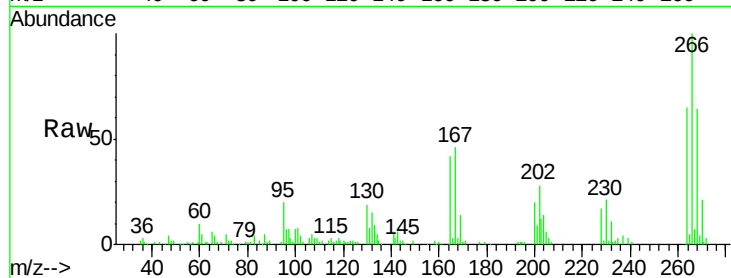




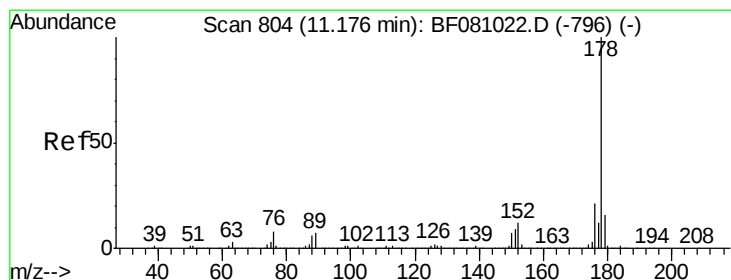
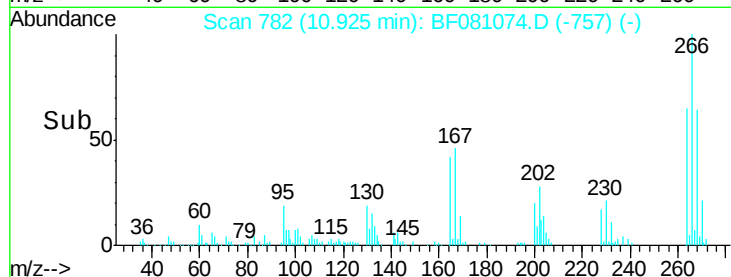
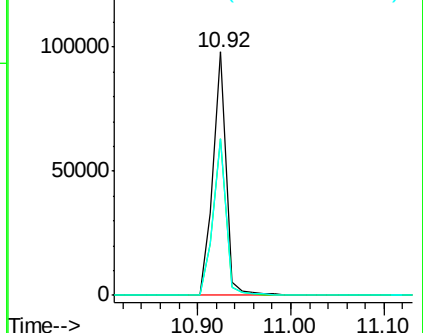
#69
 Pentachlorophenol
 Concen: 69.31 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.2	76.8
264	64.5	50.6	75.8

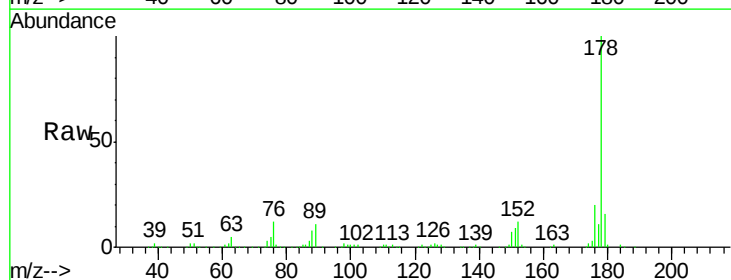


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

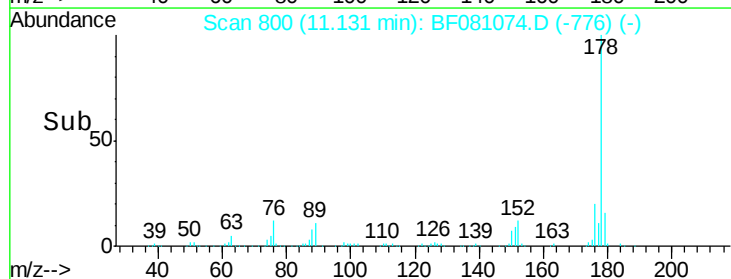
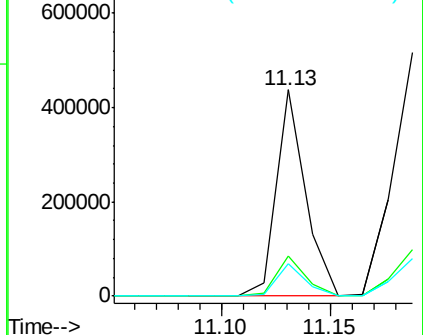


#70
 Phenanthrene
 Concen: 29.54 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.0	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: 37.36 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

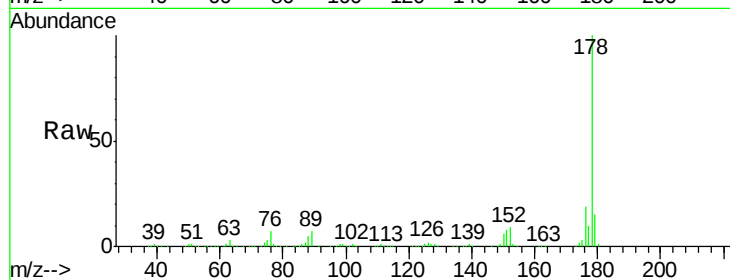
Tgt Ion:178 Resp: 503914

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

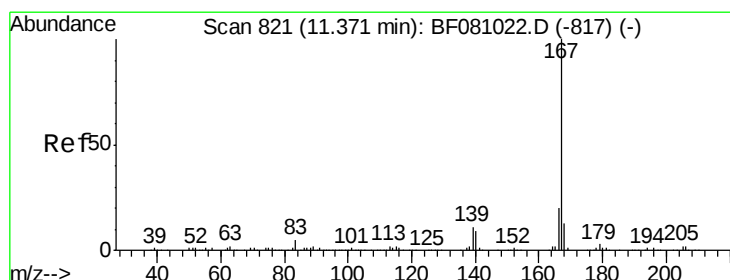
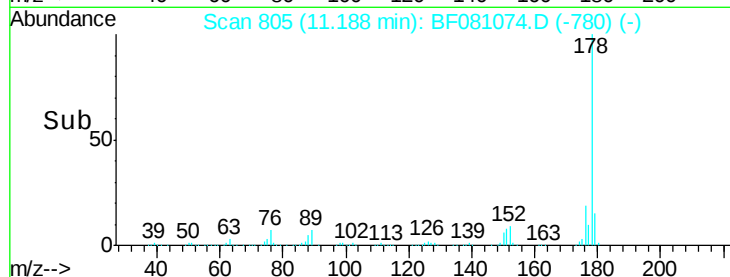
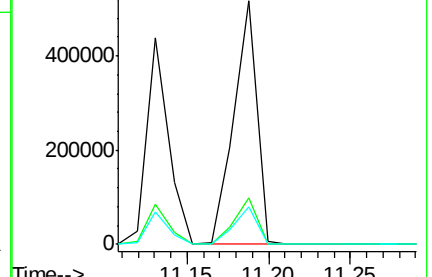
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.48 ng

RT: 11.35 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

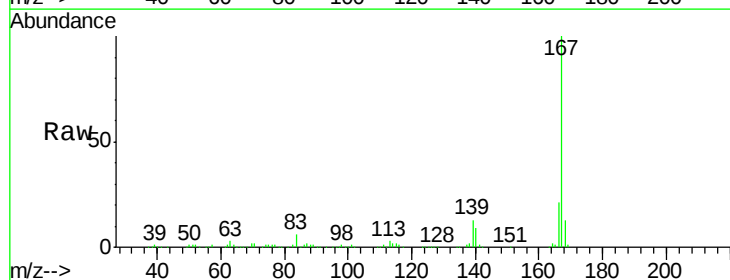
Tgt Ion:167 Resp: 499713

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

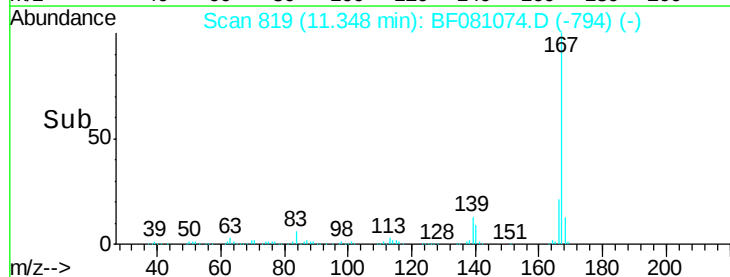
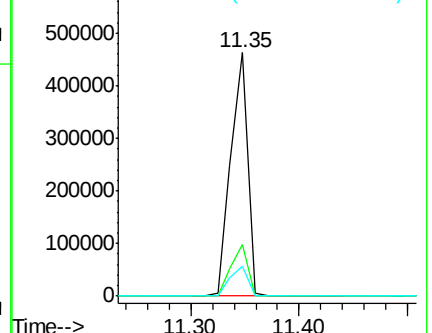
139 12.5 10.6 16.0

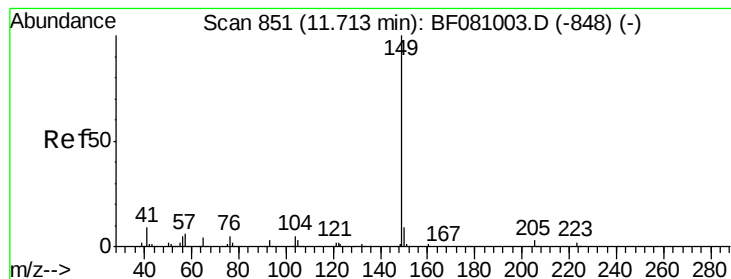


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.04 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

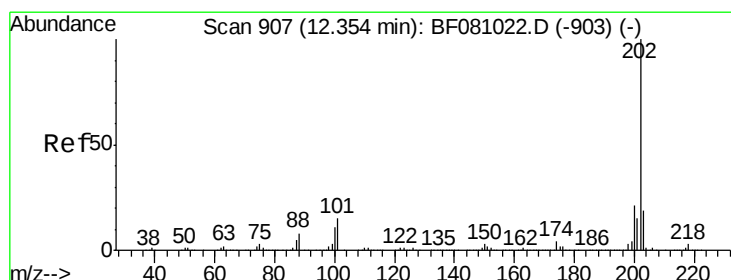
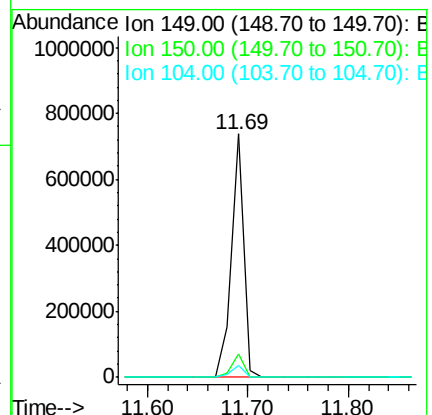
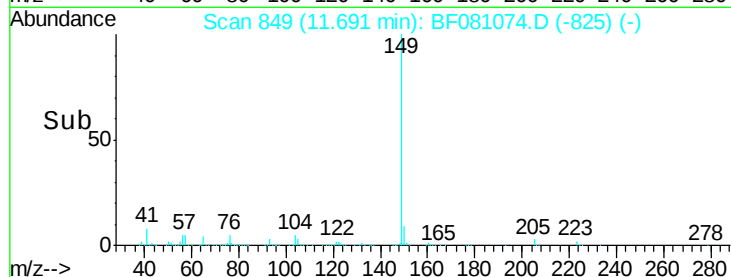
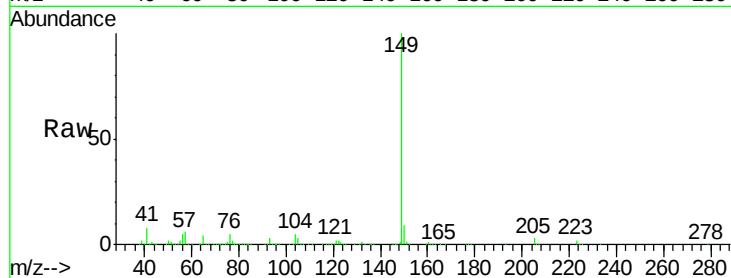
Tgt Ion:149 Resp: 629253

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

104 4.9 3.9 5.9



#74

Fluoranthene

Concen: 29.99 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

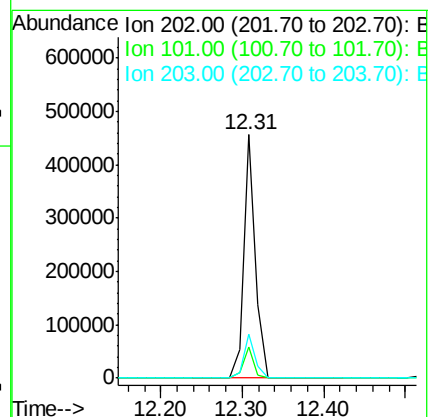
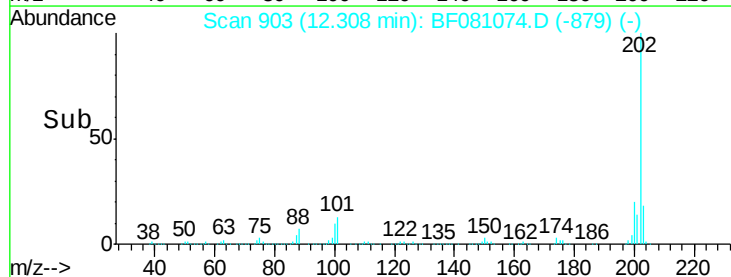
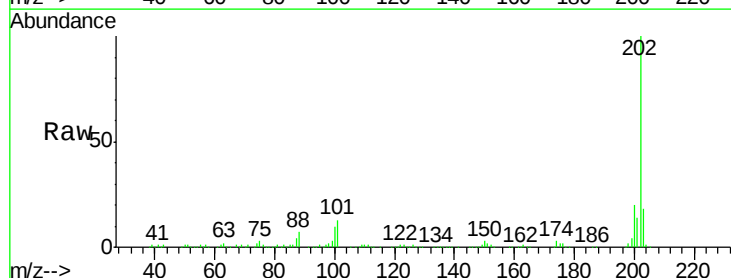
Tgt Ion:202 Resp: 448559

Ion Ratio Lower Upper

202 100

101 12.9 0.0 24.8

203 17.9 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

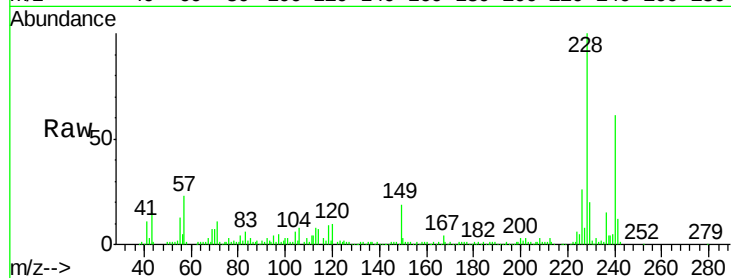
Tgt Ion:240 Resp: 140882

Ion Ratio Lower Upper

240 100

120 16.8 5.6 8.4#

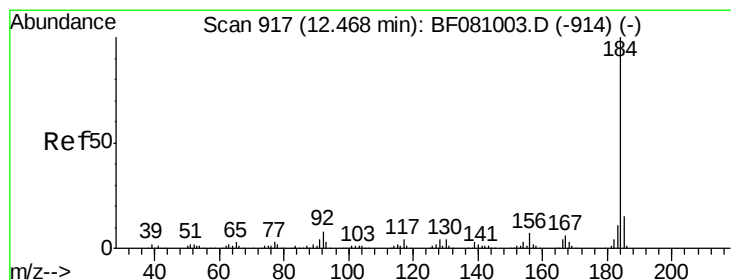
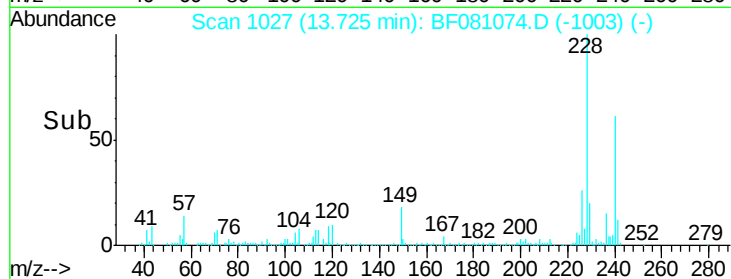
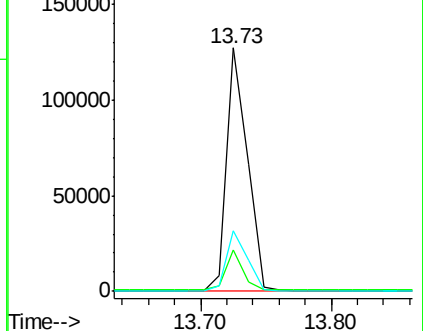
236 25.0 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.06 ng

RT: 12.45 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

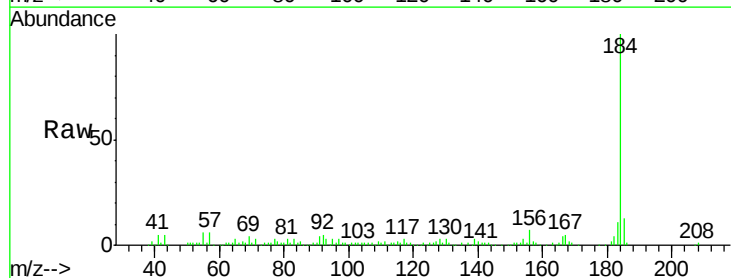
Tgt Ion:184 Resp: 159984

Ion Ratio Lower Upper

184 100

185 13.4 12.0 18.0

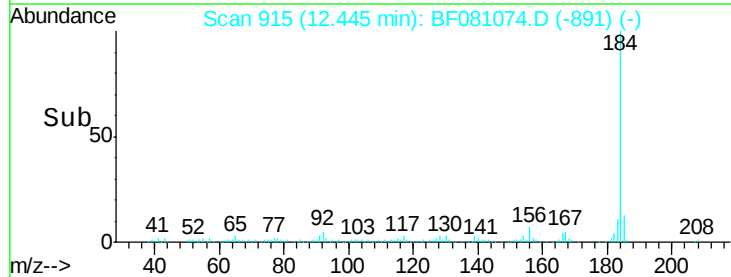
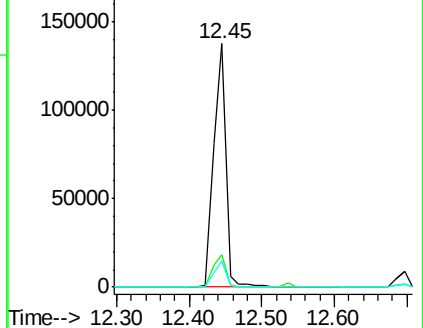
183 10.6 8.9 13.3

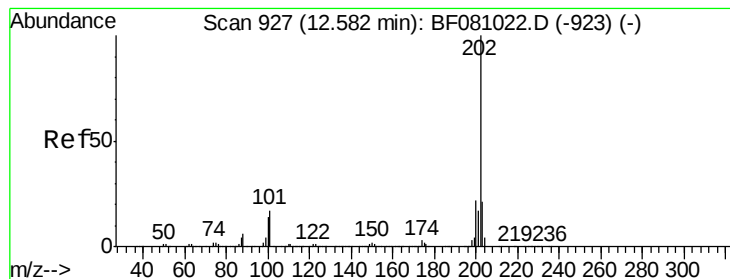


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.94 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

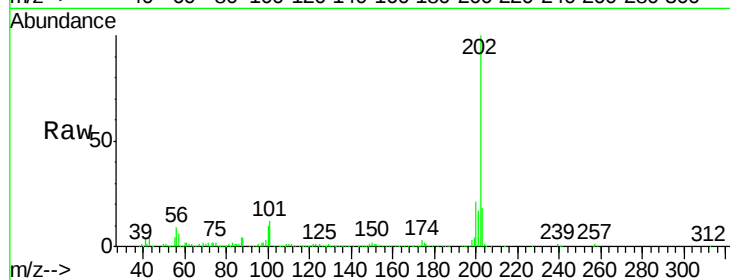
Tgt Ion: 202 Resp: 491760

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

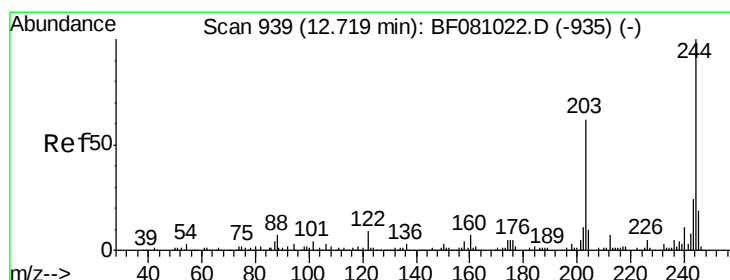
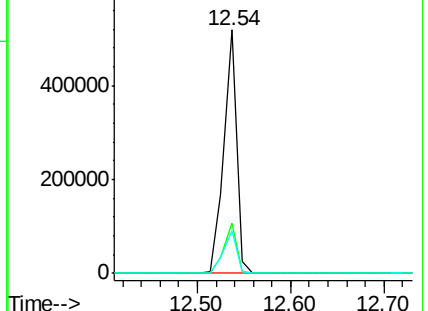
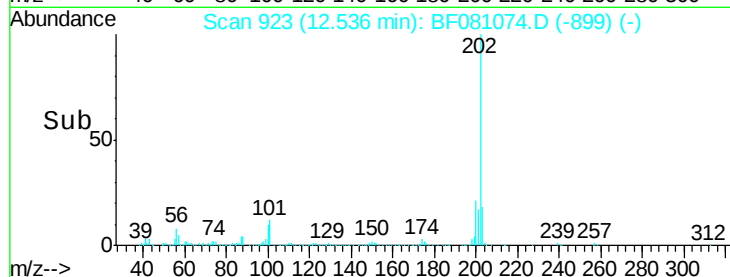
203 17.8 14.1 21.1



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: 91.12 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

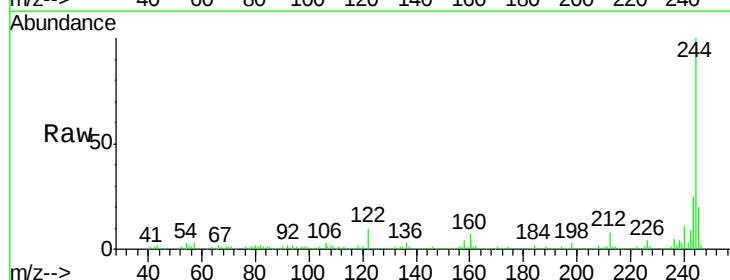
Tgt Ion: 244 Resp: 598811

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

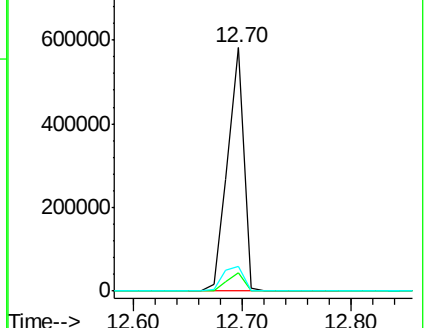
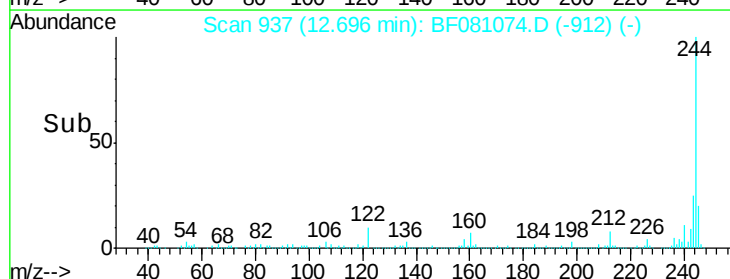
122 9.9 8.2 12.4



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

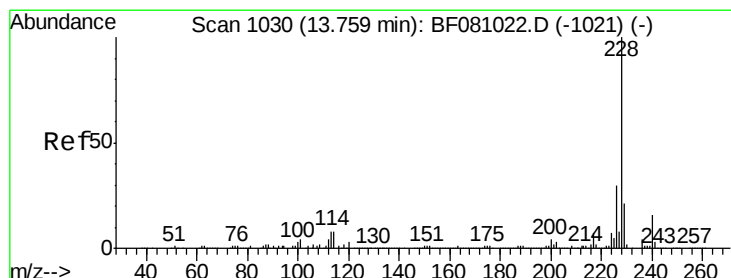
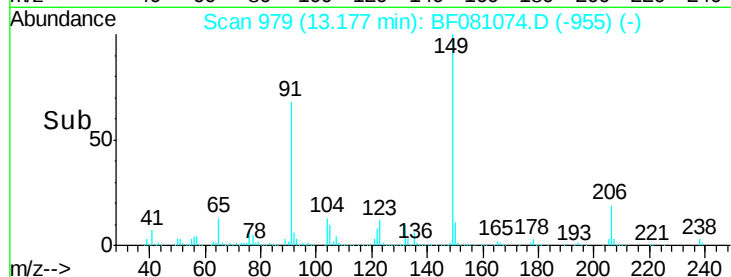
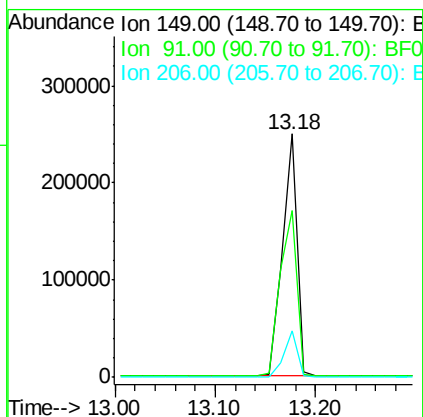
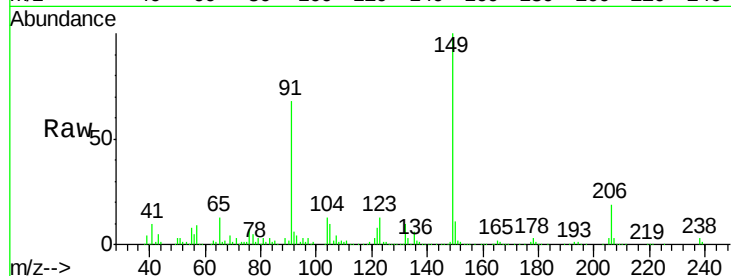




#79
Butylbenzylphthalate
Concen: 51.11 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

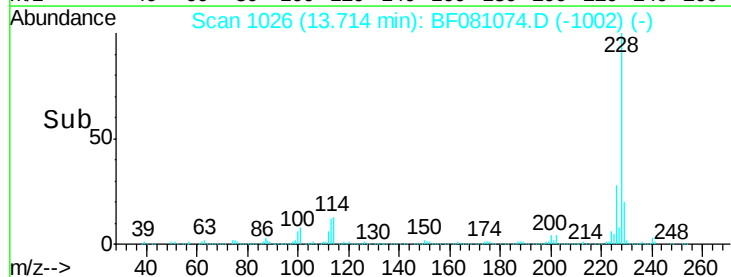
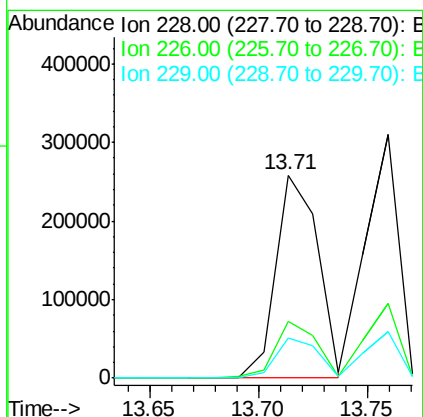
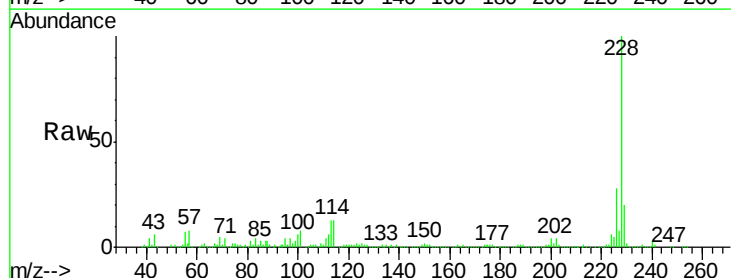
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115MS

Tgt Ion:149 Resp: 251612
Ion Ratio Lower Upper
149 100
91 68.3 46.9 70.3
206 19.1 17.0 25.4



#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF081074.D
Acq: 19 Aug 2015 9:02

Tgt Ion:228 Resp: 349574
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 19.6 15.9 23.9

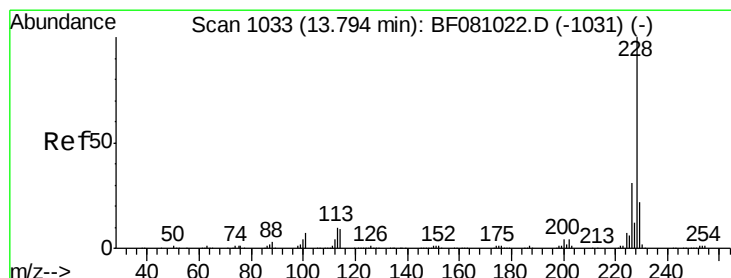
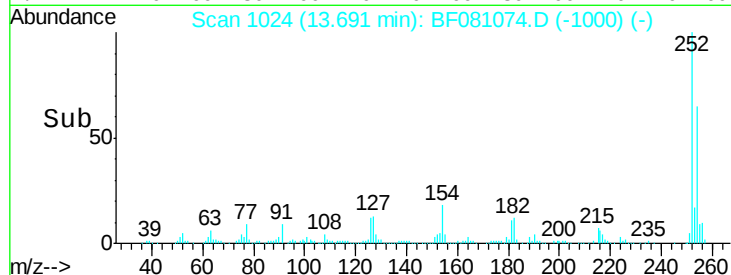
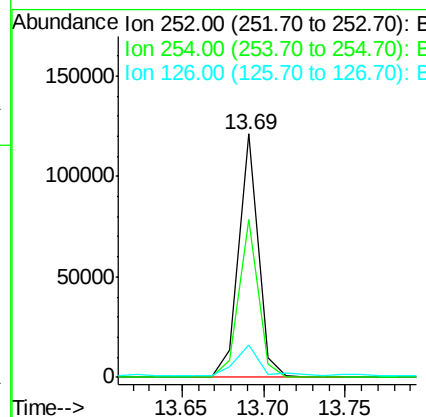
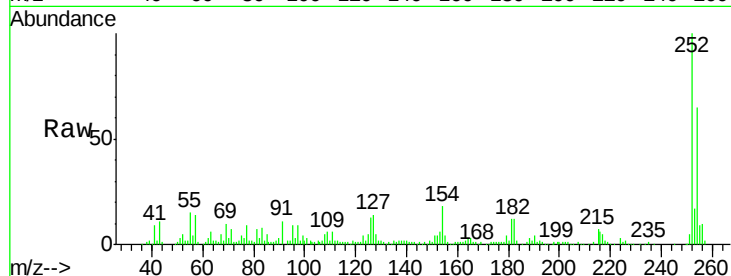




#81
 3,3'-Dichlorobenzidine
 Concen: 32.75 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

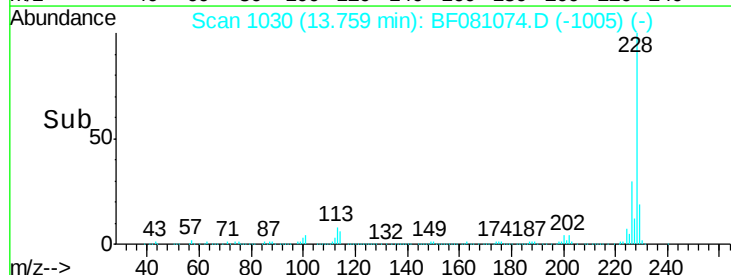
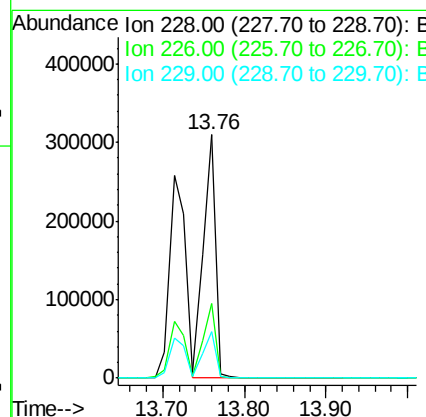
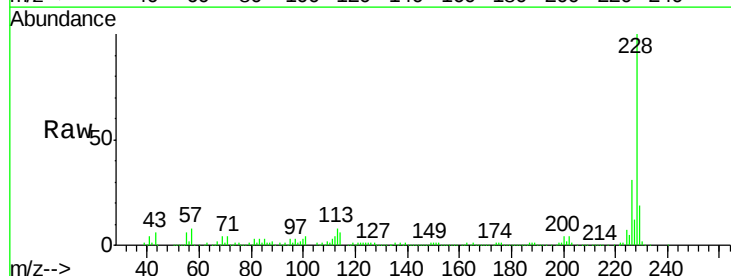
Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115MS

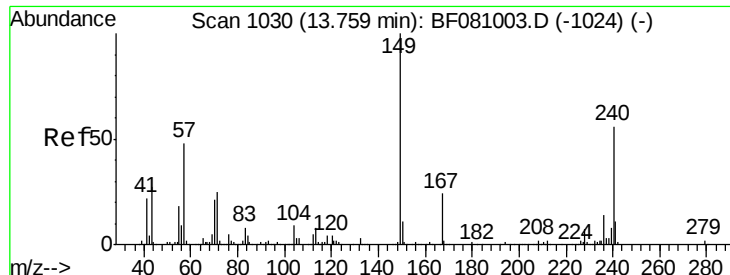
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	13.1	12.5	18.7



#82
 Chrysene
 Concen: 38.73 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081074.D
 Acq: 19 Aug 2015 9:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.69 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

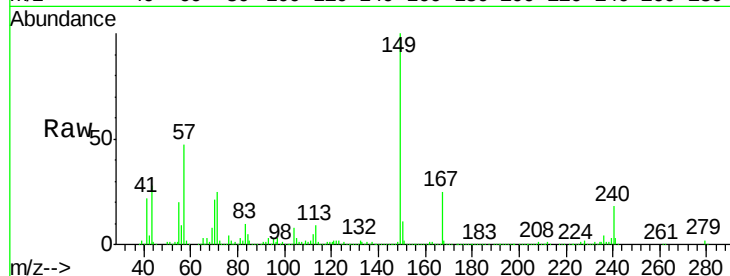
Tgt Ion:149 Resp: 325968

Ion Ratio Lower Upper

149 100

167 24.9 20.7 31.1

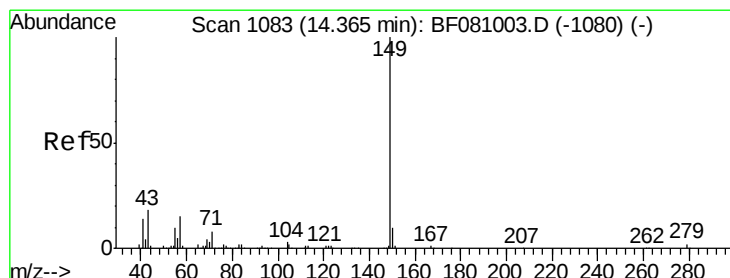
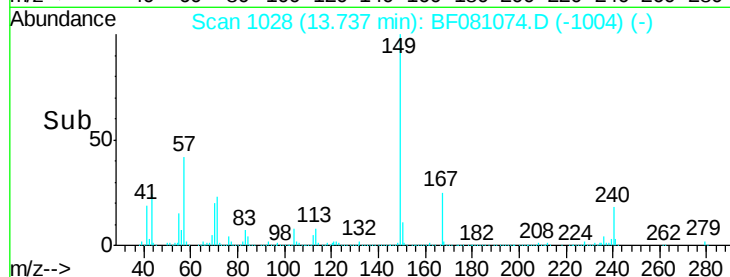
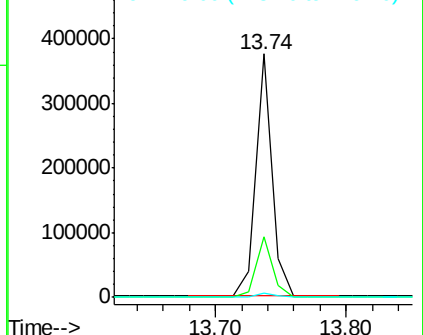
279 2.0 2.2 3.4#



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: 50.97 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

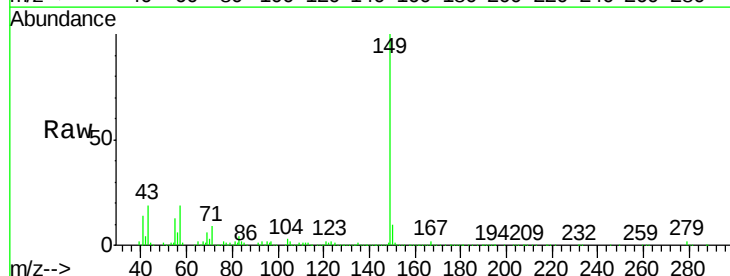
Tgt Ion:149 Resp: 488473

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

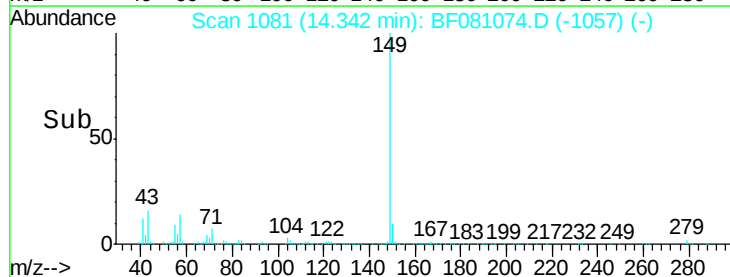
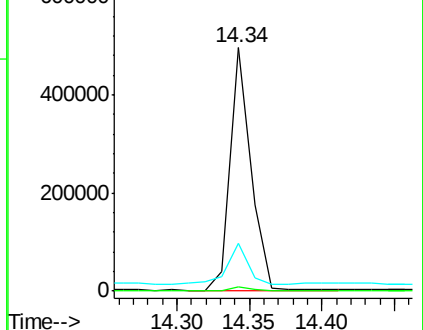
43 16.3 11.6 17.4

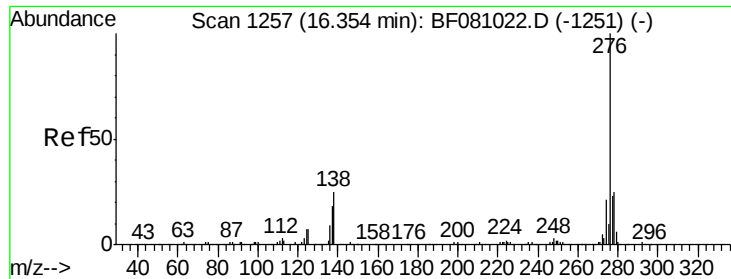


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.16 ng

RT: 16.30 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

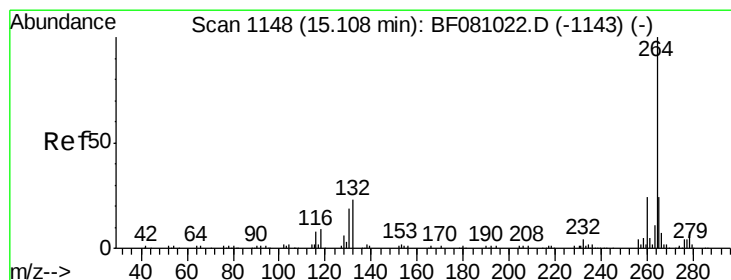
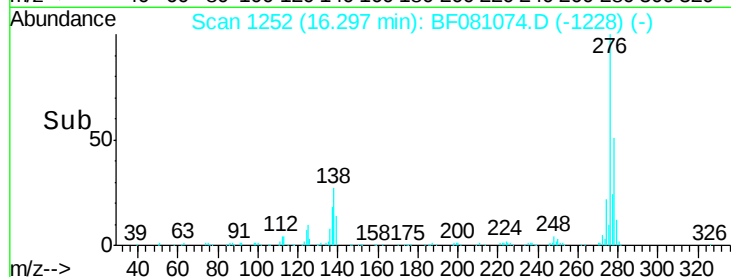
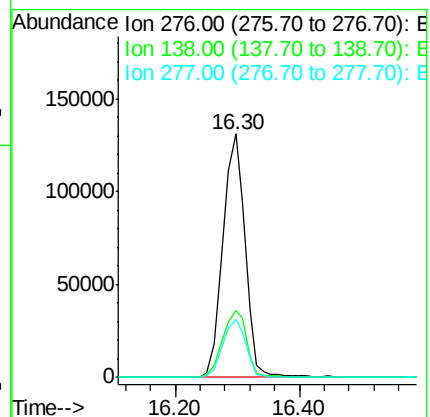
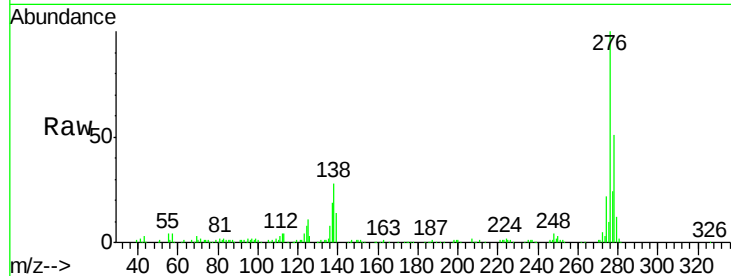
Tgt Ion:276 Resp: 323754

Ion Ratio Lower Upper

276 100

138 30.4 18.6 28.0#

277 24.8 19.8 29.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

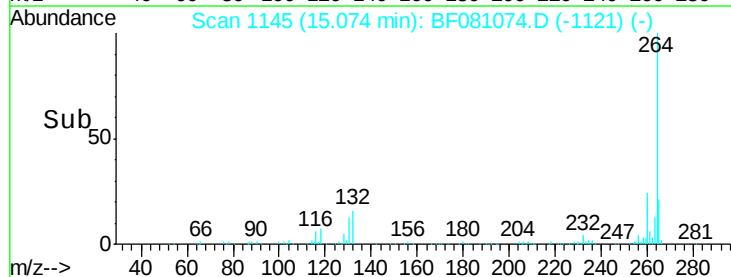
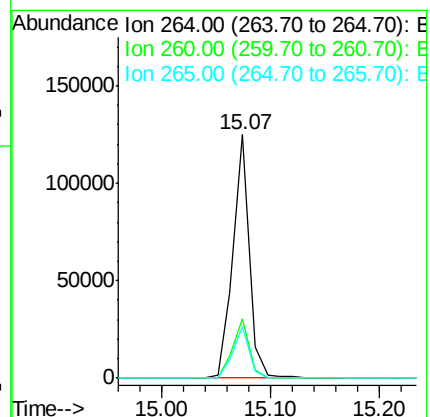
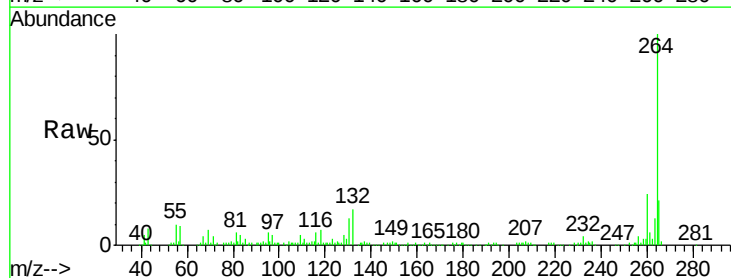
Tgt Ion:264 Resp: 130163

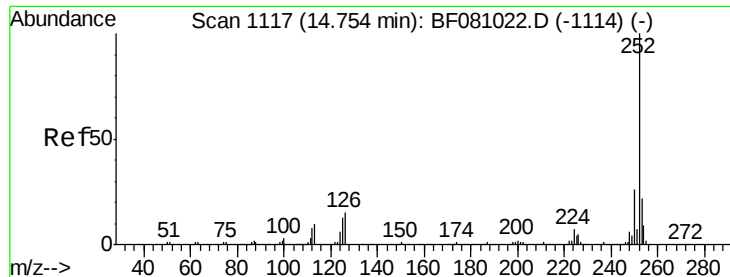
Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 62.96 ng

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

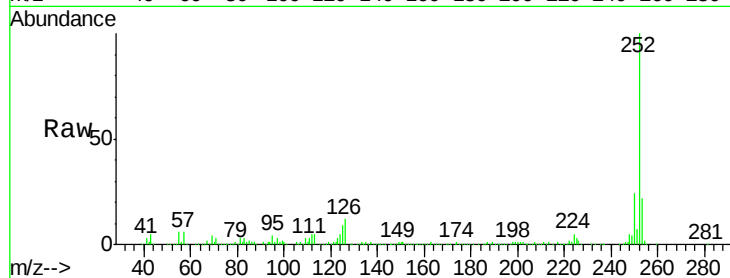
Tgt Ion:252 Resp: 579663

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

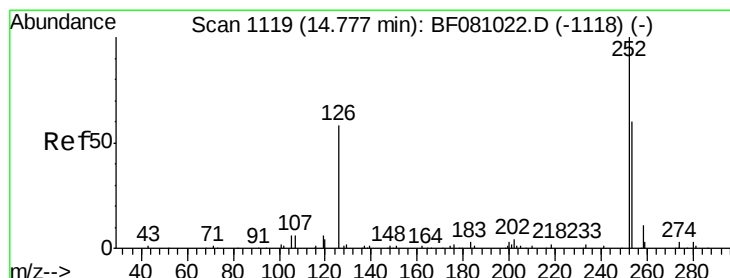
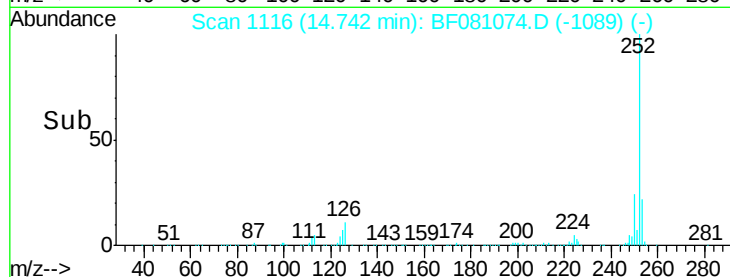
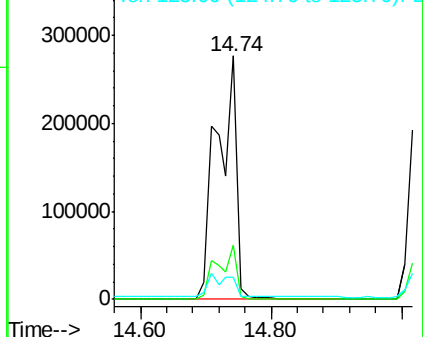
125 8.9 8.0 12.0



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



#88

Benzo(k)fluoranthene

Concen: 67.57 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

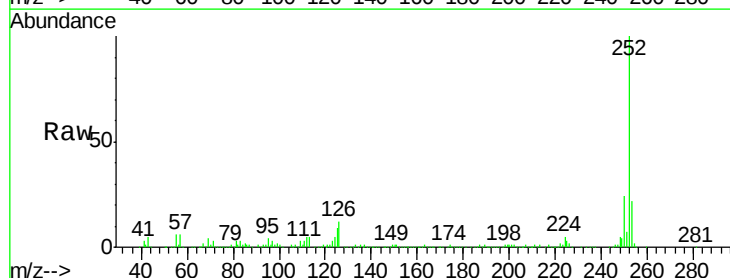
Tgt Ion:252 Resp: 579663

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

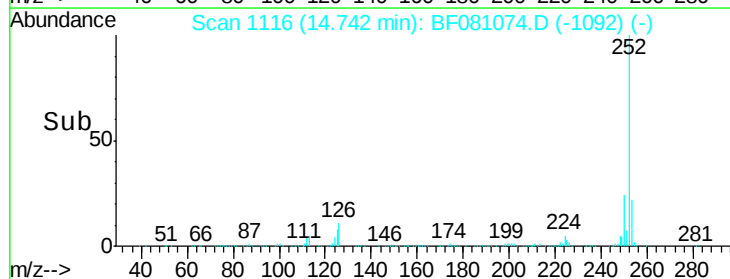
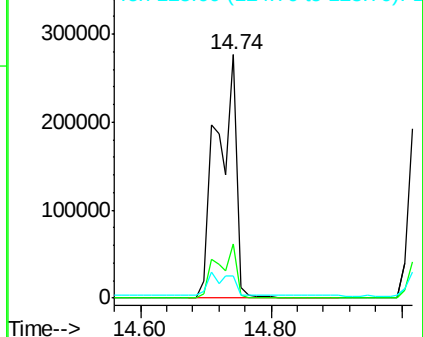
125 8.9 10.3 15.5#



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: 34.52 ng

RT: 15.02 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

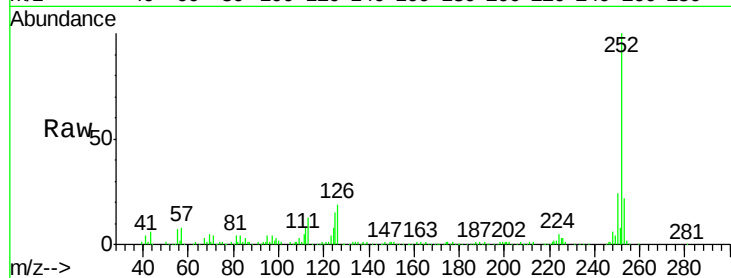
Tgt Ion:252 Resp: 276929

Ion Ratio Lower Upper

252 100

253 21.6 16.6 25.0

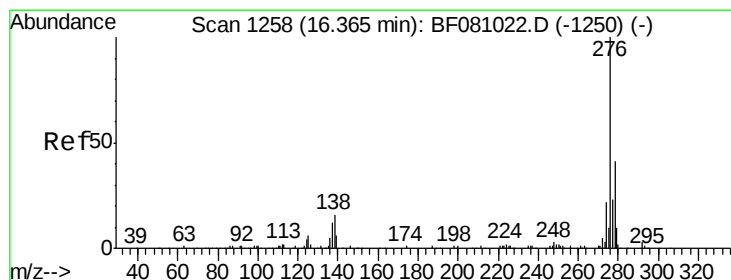
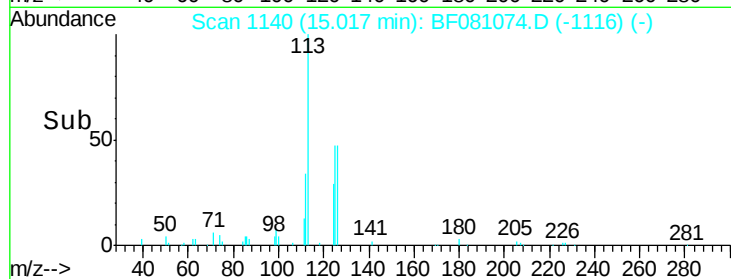
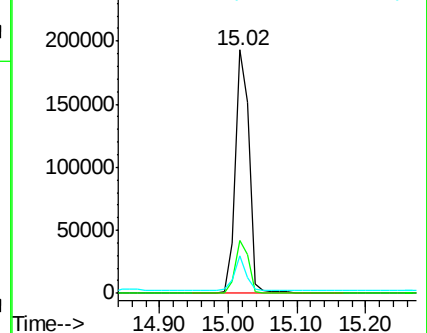
125 15.3 7.8 11.8#



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: 43.34 ng

RT: 16.31 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

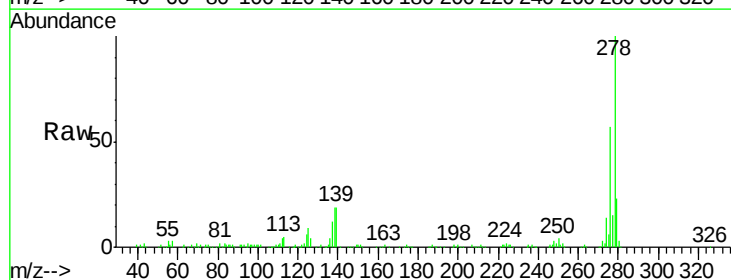
Tgt Ion:278 Resp: 270945

Ion Ratio Lower Upper

278 100

139 19.2 10.8 16.2#

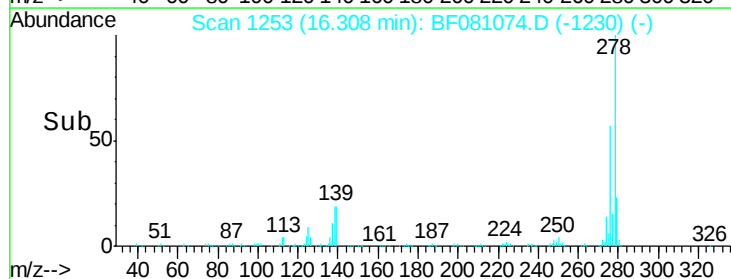
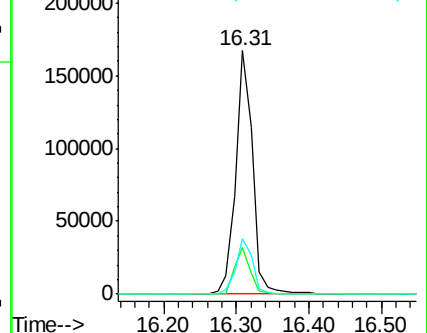
279 22.8 19.0 28.6

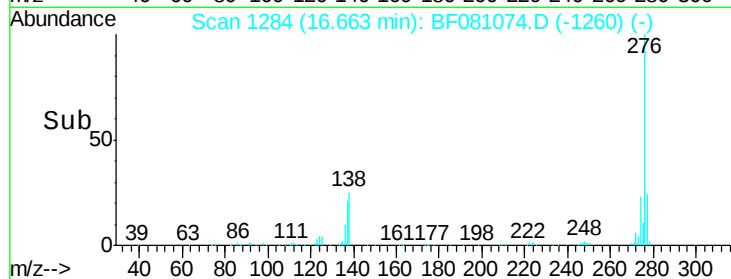
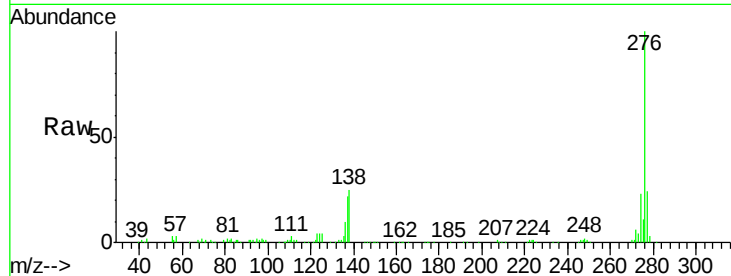
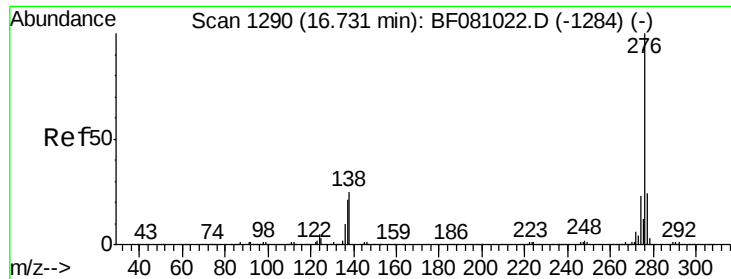


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.02 ng

RT: 16.66 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF081074.D

Acq: 19 Aug 2015 9:02

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115MS

Tgt Ion: 276 Resp: 266507

Ion Ratio Lower Upper

276 100

277 23.6 18.2 27.2

138 24.8 13.7 20.5#

