

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081553.D
 Acq On : 9 Sep 2015 8:48
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 09:13:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	50667	20.00	ng	0.01
21) Naphthalene-d8	7.64	136	193518	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	90663	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	166396	20.00	ng	0.00
75) Chrysene-d12	13.45	240	106088	20.00	ng	0.00
86) Perylene-d12	14.75	264	74110	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.88	112	254238	77.85	ng	0.00
7) Phenol-d6	6.02	99	333453	77.14	ng	0.00
23) Nitrobenzene-d5	6.94	82	349474	87.13	ng	0.01
41) 2,4,6-Tribromophenol	10.17	330	63954	79.22	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	541989	76.61	ng	0.00
78) Terphenyl-d14	12.42	244	395676	86.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.64	88	56010	38.19	ng	# 94
3) Pyridine	2.18	79	163349	40.39	ng	# 77
4) n-Nitrosodimethylamine	2.16	42	98218	43.72	ng	# 63
6) Aniline	6.01	93	244123	39.99	ng	# 84
8) 2-Chlorophenol	6.14	128	147254	40.92	ng	# 91
9) Benzaldehyde	5.88	77	105630	39.00	ng	# 75
10) Phenol	6.03	94	183665	36.64	ng	# 47
11) bis(2-Chloroethyl)ether	6.10	93	142518	39.41	ng	# 87
12) 1,3-Dichlorobenzene	6.28	146	157762	41.03	ng	# 90
13) 1,4-Dichlorobenzene	6.36	146	150030	38.32	ng	# 88
14) 1,2-Dichlorobenzene	6.52	146	134068	38.04	ng	# 96
15) Benzyl Alcohol	6.52	79	148409	41.85	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	6.66	45	296241	42.73	ng	# 80
17) 2-Methylphenol	6.65	107	113144	39.40	ng	# 74
18) Hexachloroethane	6.86	117	49322	32.38	ng	# 93
19) n-Nitroso-di-n-propylamine	6.80	70	127695	43.40	ng	# 88
20) 3+4-Methylphenols	6.81	107	148420	38.34	ng	# 86
22) Acetophenone	6.79	105	215431	40.76	ng	# 82
24) Nitrobenzene	6.95	77	153502	36.85	ng	# 59
25) Isophorone	7.20	82	304488	40.81	ng	# 84
26) 2-Nitrophenol	7.27	139	73377	40.42	ng	# 32
27) 2,4-Dimethylphenol	7.34	122	138542	44.18	ng	# 78
28) bis(2-Chloroethoxy)methane	7.43	93	169834	39.41	ng	# 95
29) 2,4-Dichlorophenol	7.52	162	112922	41.53	ng	# 90
30) 1,2,4-Trichlorobenzene	7.59	180	118915	40.26	ng	# 95
31) Naphthalene	7.67	128	416795	40.38	ng	# 99
32) Benzoic acid	7.50	122	75167	34.34	ng	# 51
33) 4-Chloroaniline	7.74	127	166279	39.50	ng	# 94
34) Hexachlorobutadiene	7.79	225	76275	42.43	ng	# 99
35) Caprolactam	8.12	113	35171	42.17	ng	# 68
36) 4-Chloro-3-methylphenol	8.24	107	132133	43.41	ng	# 85
37) 2-Methylnaphthalene	8.35	142	281648	41.94	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	118799	41.43	ng	# 98
42) 2,4,6-Trichlorophenol	8.64	196	77312	39.07	ng	# 97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.68	196	80726	39.99	nq	# 83
45) 1,1'-Biphenyl	8.82	154	355940	42.67	nq	95
46) 2-Chloronaphthalene	8.83	162	222144	36.88	nq	# 87
47) 2-Nitroaniline	8.95	65	108813	44.32	nq	# 60
48) Acenaphthylene	9.24	152	425366	39.80	nq	97
49) Dimethylphthalate	9.14	163	289858	41.15	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	58028	36.30	nq	# 91
51) Acenaphthene	9.42	154	249011	40.96	nq	90
52) 3-Nitroaniline	9.36	138	75773	41.63	nq	# 49
53) 2,4-Dinitrophenol	9.47	184	7620	11.32	nq	# 44
54) Dibenzofuran	9.59	168	357439	40.27	nq	# 91
55) 4-Nitrophenol	9.59	139	184260	161.14	nq	# 31
56) 2,4-Dinitrotoluene	9.60	165	73662	36.19	nq	# 93
57) Fluorene	9.92	166	243600	36.16	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.71	232	64148	41.62	nq	91
59) Diethylphthalate	9.83	149	295917	39.94	nq	96
60) 4-Chlorophenyl-phenylether	9.93	204	131474	41.88	nq	99
61) 4-Nitroaniline	9.96	138	68668	37.34	nq	# 20
62) Azobenzene	10.08	77	292462	35.50	nq	# 78
64) 4,6-Dinitro-2-methylphenol	10.00	198	15490	16.64	nq	96
65) n-Nitrosodiphenylamine	10.04	169	215552	35.60	nq	91
66) 4-Bromophenyl-phenylether	10.41	248	75296	44.75	nq	97
67) Hexachlorobenzene	10.47	284	75227	42.76	nq	# 83
68) Atrazine	10.58	200	50457	28.80	nq	83
69) Pentachlorophenol	10.66	266	32434	42.48	nq	99
70) Phenanthrene	10.87	178	333761	36.08	nq	96
71) Anthracene	10.92	178	345676	36.37	nq	98
72) Carbazole	11.08	167	331248	37.14	nq	97
73) Di-n-butylphthalate	11.44	149	472523	44.87	nq	# 98
74) Fluoranthene	12.05	202	330953	33.05	nq	85
76) Benzidine	12.18	184	147541	32.40	nq	99
77) Pyrene	12.26	202	326155	41.50	nq	97
79) Butylbenzylphthalate	12.91	149	163179	47.75	nq	90
80) Benzo(a)anthracene	13.44	228	267457	39.59	nq	96
81) 3,3'-Dichlorobenzidine	13.43	252	95372	41.85	nq	# 91
82) Chrysene	13.49	228	248867	41.09	nq	95
83) Bis(2-ethylhexyl)phthalate	13.47	149	212317	47.07	nq	# 88
84) Di-n-octyl phthalate	14.09	149	333261	44.87	nq	# 90
85) Indeno(1,2,3-cd)pyrene	15.84	276	162085	36.48	nq	# 85
87) Benzo(b)fluoranthene	14.46	252	372529	70.41	nq	# 88
88) Benzo(k)fluoranthene	14.46	252	372529	84.85	nq	# 89
89) Benzo(a)pyrene	14.72	252	177522	39.59	nq	# 82
90) Dibenzo(a,h)anthracene	15.85	278	141549	40.86	nq	# 77
91) Benzo(g,h,i)perylene	16.15	276	113418	34.30	nq	# 74

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

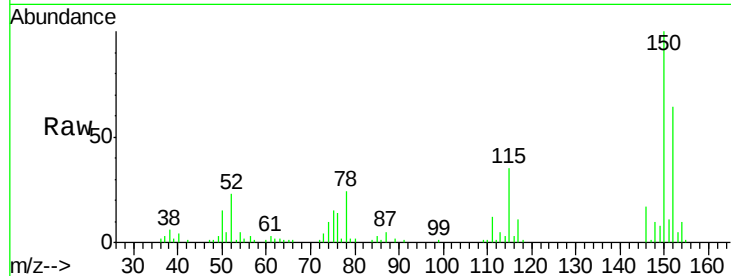


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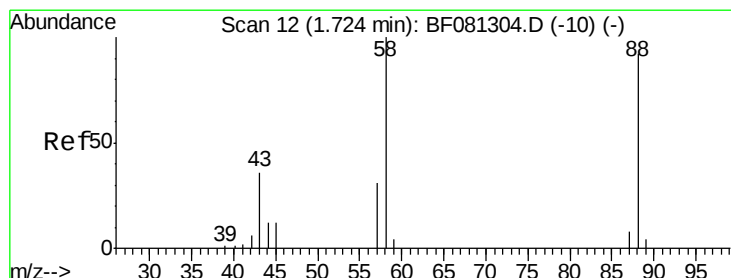
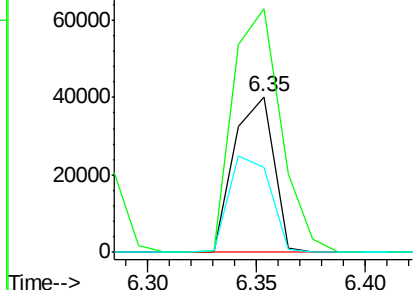
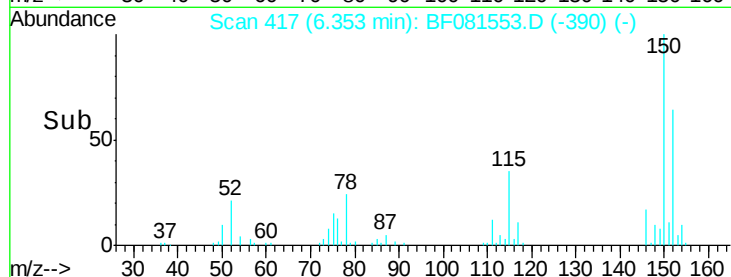
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 50667
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 54.6 39.0 58.4



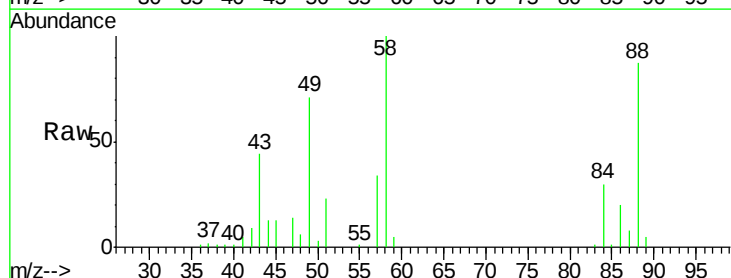
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



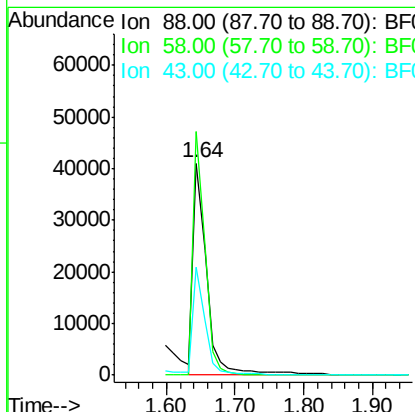
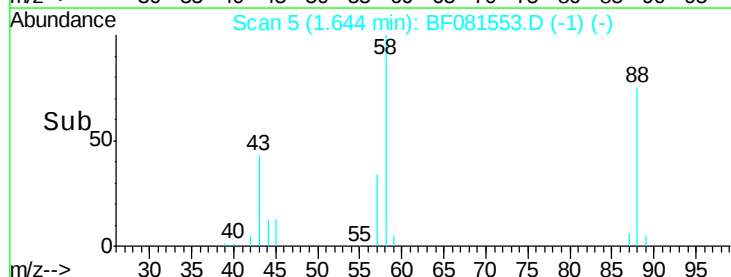
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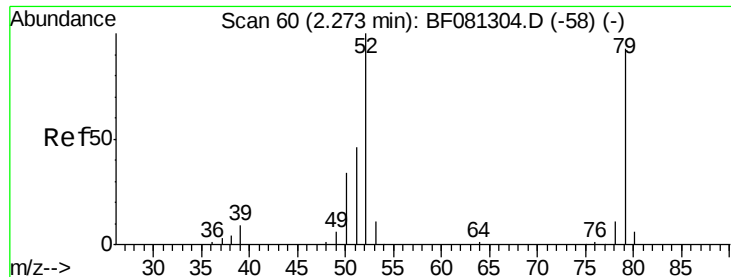
1,4-Dioxane
Concen: 38.19 ng
RT: 1.64 min Scan# 5
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion: 88 Resp: 56010
Ion Ratio Lower Upper
88 100
58 96.6 77.7 116.5
43 45.3 26.6 40.0#



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





#3

Pvridine

Concen: 40.39 ng

RT: 2.18 min Scan# 52

Delta R.T. -0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampled :

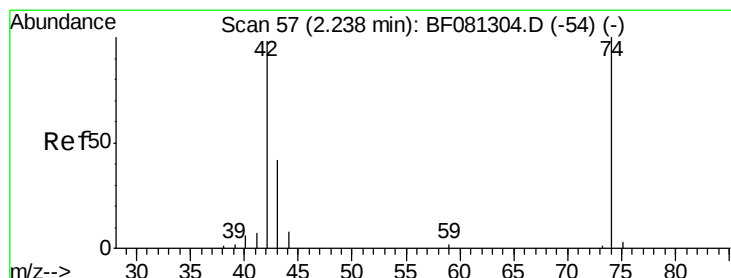
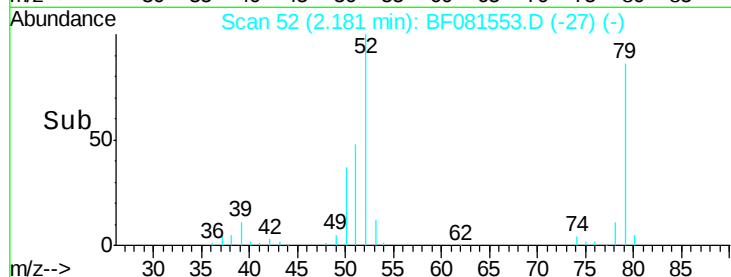
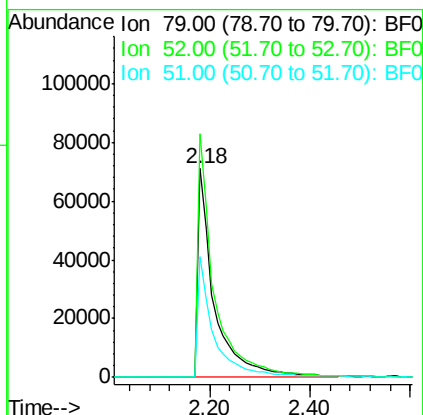
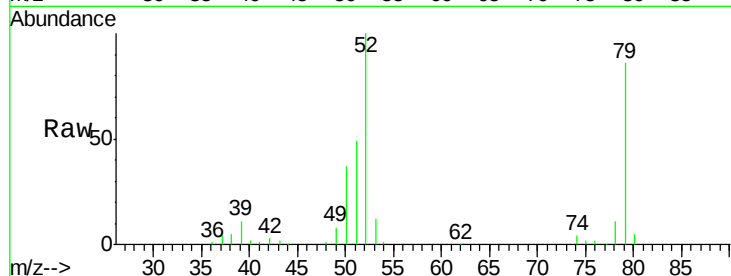
Tot Ion: 79 Resp: 163349

Ion Ratio Lower Upper

79 100

52 116.5 76.8 115.2#

51 57.6 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 43.72 ng

RT: 2.16 min Scan# 50

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

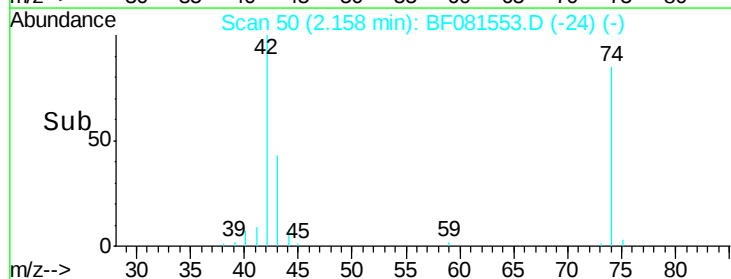
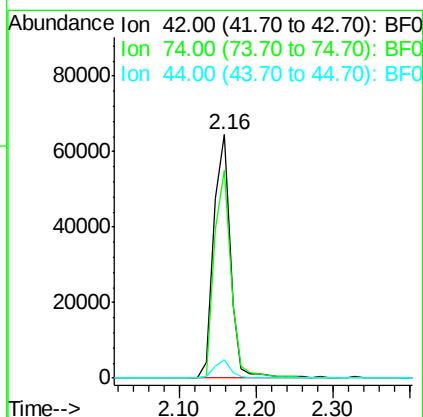
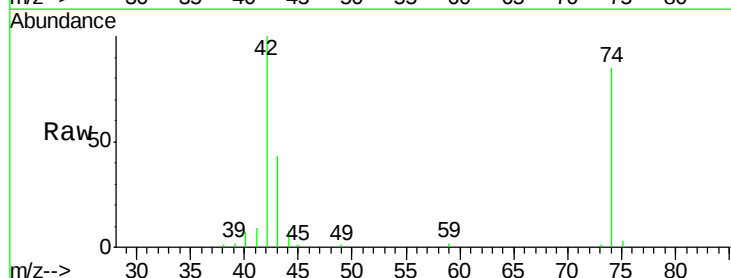
Tgt Ion: 42 Resp: 98218

Ion Ratio Lower Upper

42 100

74 85.2 105.0 157.6#

44 7.6 6.6 10.0





#5

2-Fluorophenol

Concen: 77.85 ng

RT: 4.88 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

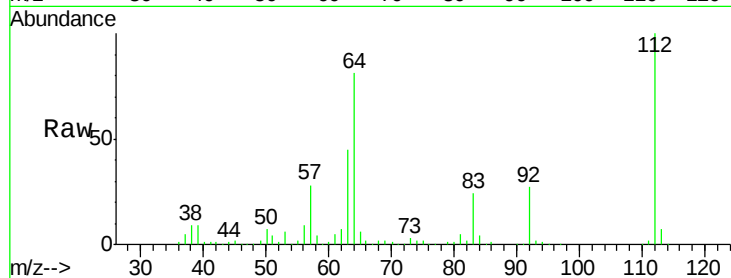
Tot Ion:112 Resp: 254238

Ion Ratio Lower Upper

112 100

64 80.9 39.7 59.5#

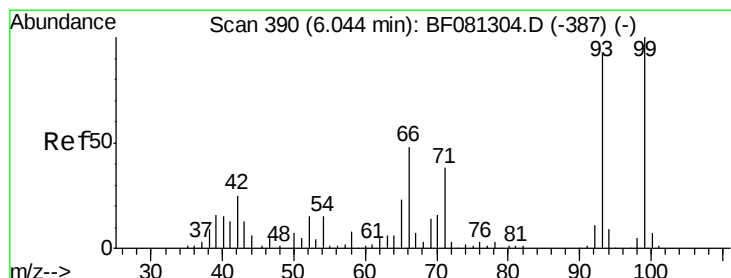
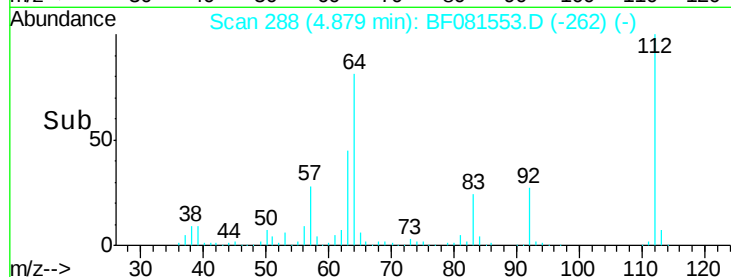
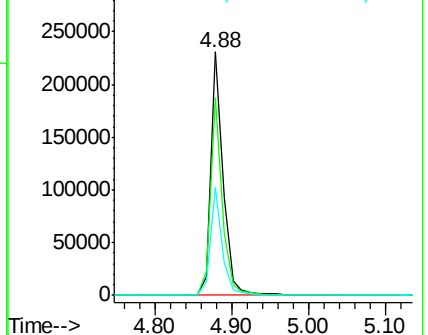
63 44.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.99 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

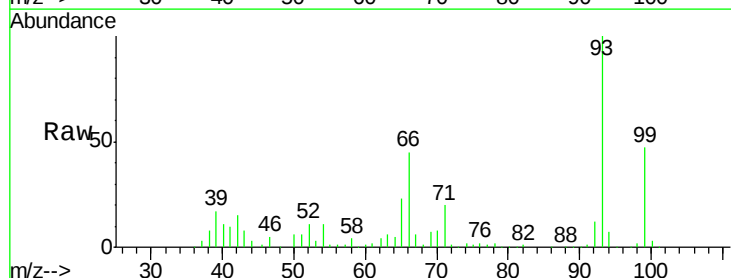
Tgt Ion: 93 Resp: 244123

Ion Ratio Lower Upper

93 100

66 44.8 27.2 40.8#

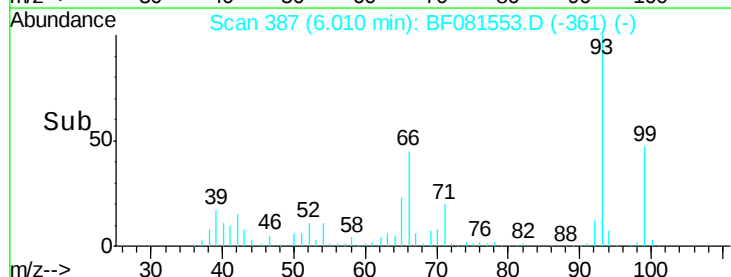
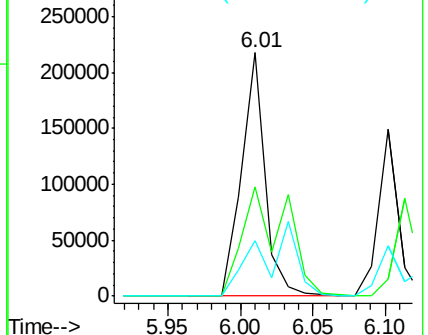
65 23.0 14.7 22.1#

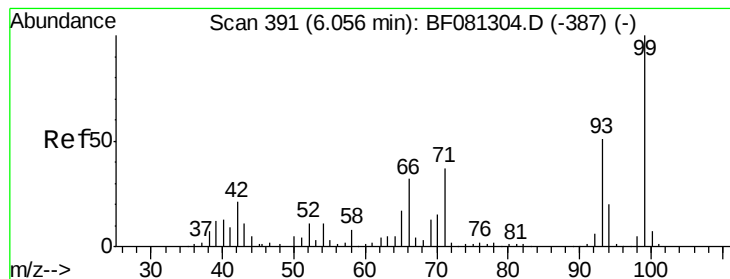


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.14 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

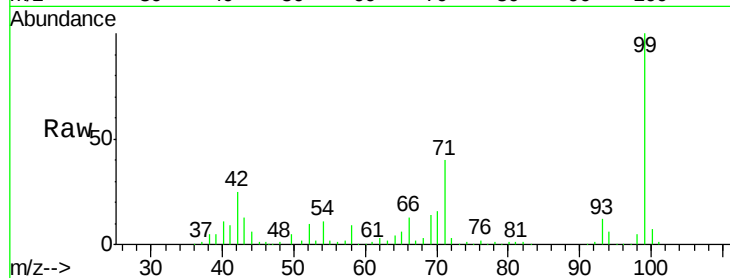
Tot Ion: 99 Resp: 333453

Ion Ratio Lower Upper

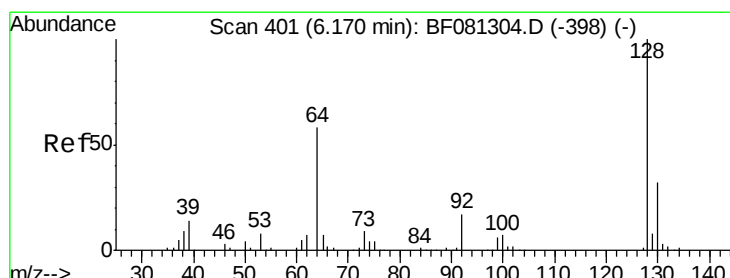
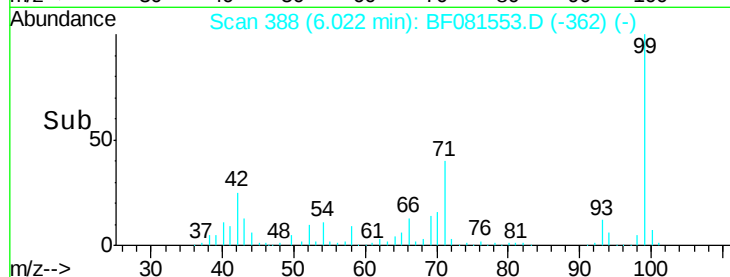
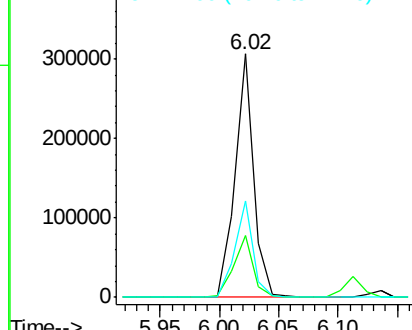
99 100

42 25.2 13.7 20.5#

71 39.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.92 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

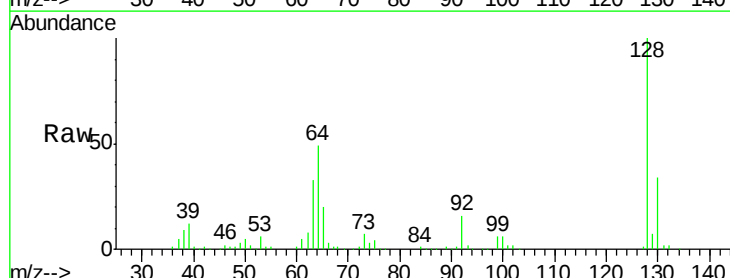
Tgt Ion: 128 Resp: 147254

Ion Ratio Lower Upper

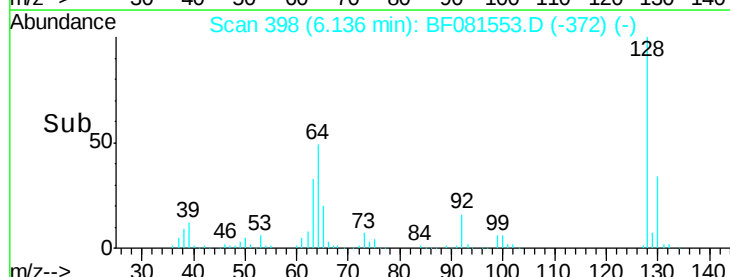
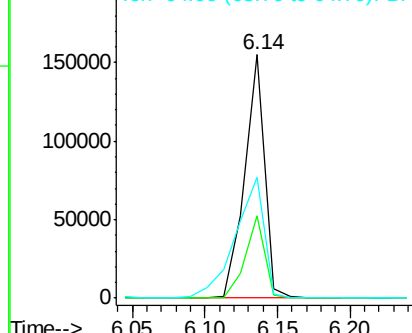
128 100

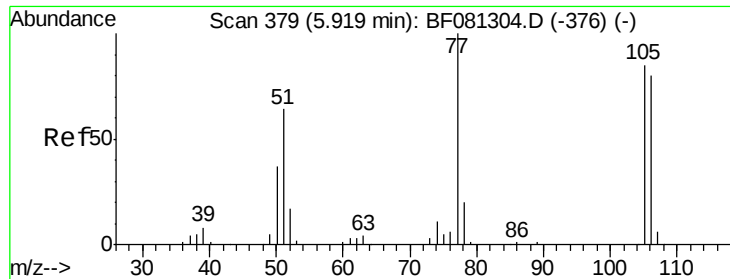
130 33.7 12.2 52.2

64 49.3 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

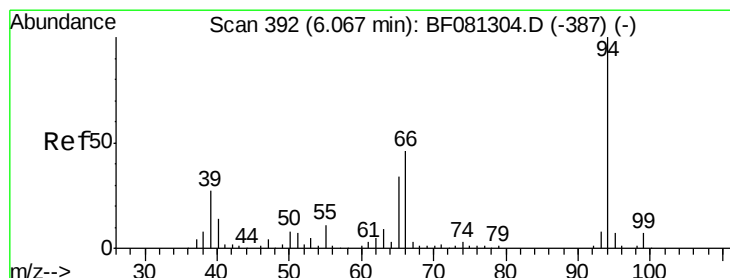
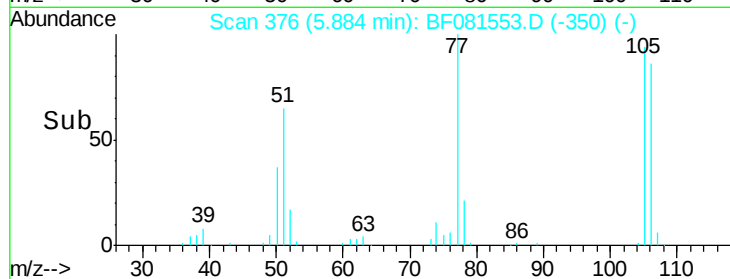
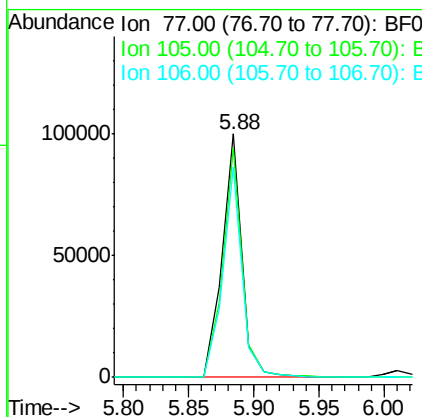
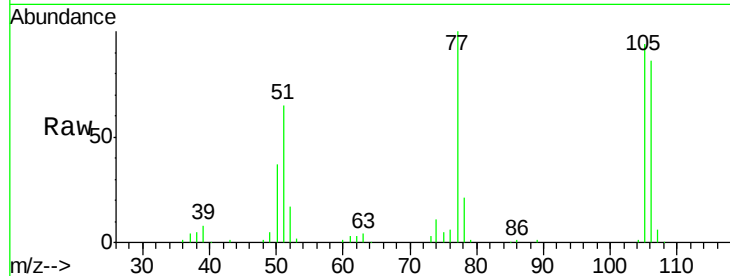




#9
Benzaldehyde
Concen: 39.00 ng
RT: 5.88 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

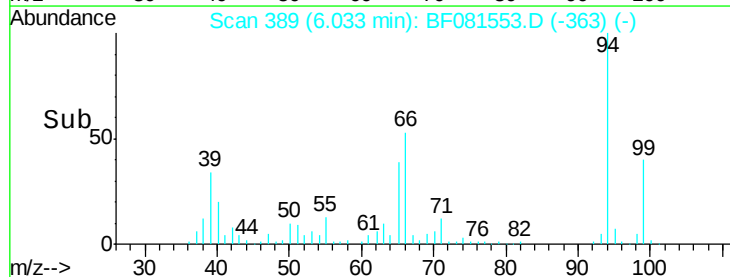
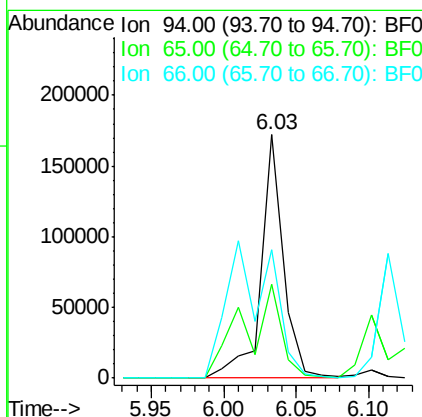
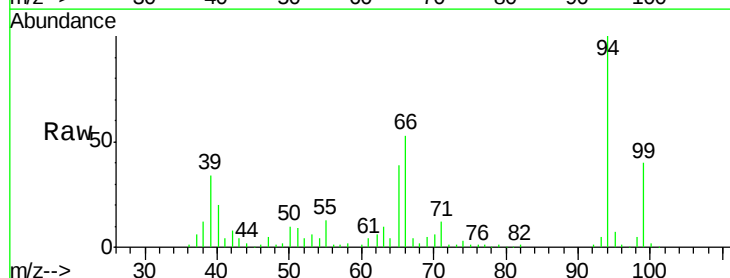
Instrument :
BNA_F
ClientSampled :

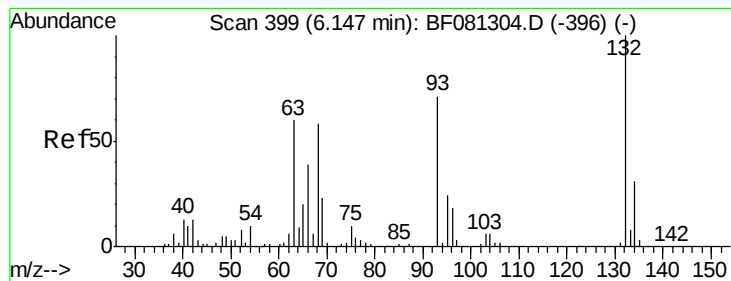
Tot Ion: 77 Resp: 105630
Ion Ratio Lower Upper
77 100
105 94.3 91.6 131.6
106 86.3 102.6 142.6#



#10
Phenol
Concen: 36.64 ng
RT: 6.03 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion: 94 Resp: 183665
Ion Ratio Lower Upper
94 100
65 38.6 0.7 40.7
66 52.7 0.8 40.8#

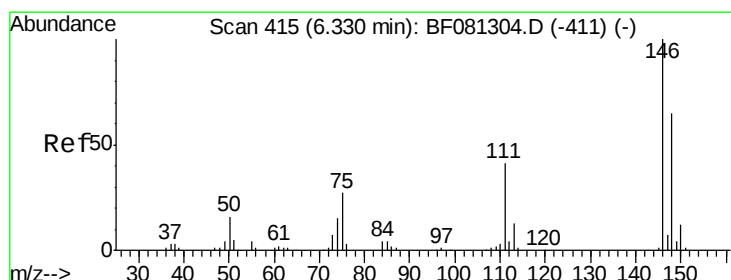
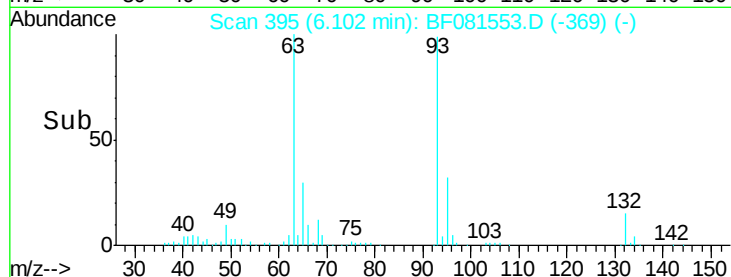
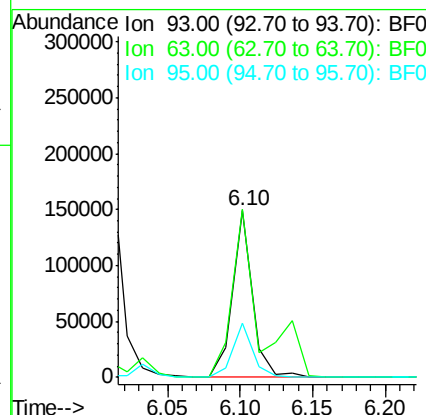
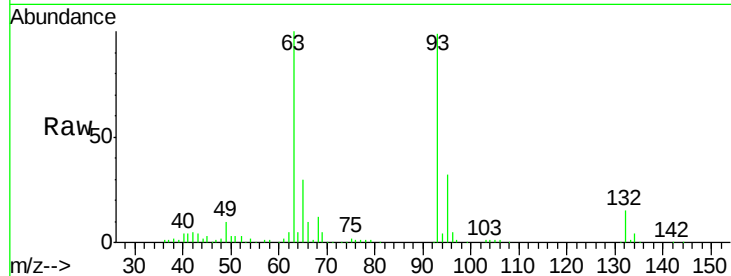




#11
bis(2-Chloroethyl)ether
Concen: 39.41 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

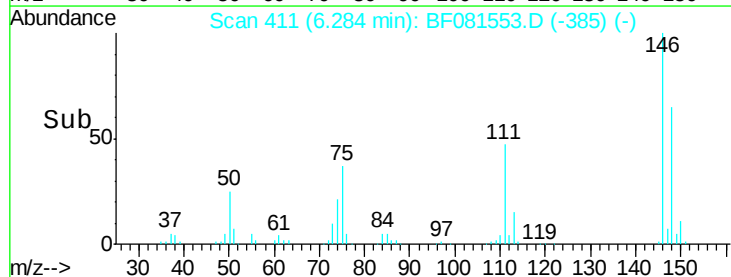
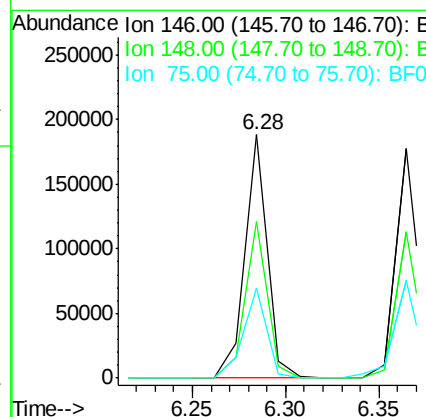
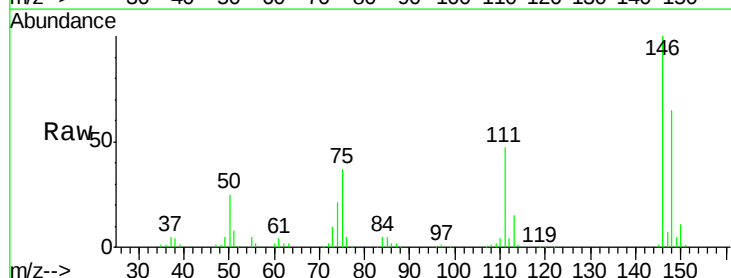
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 142518
Ion Ratio Lower Upper
93 100
63 101.2 65.6 105.6
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.03 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion: 146 Resp: 157762
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 36.8 15.0 22.6#

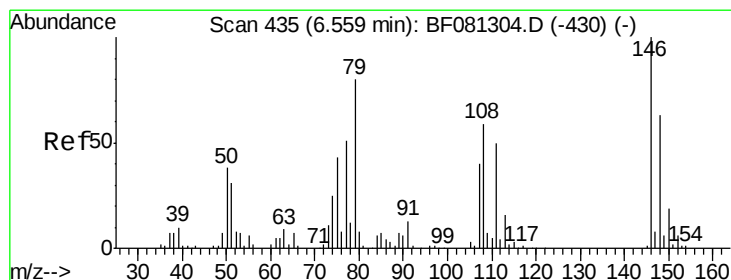
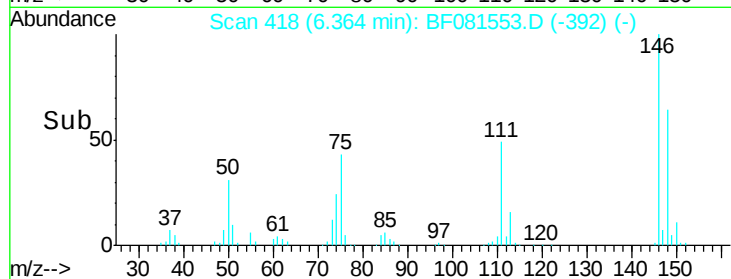
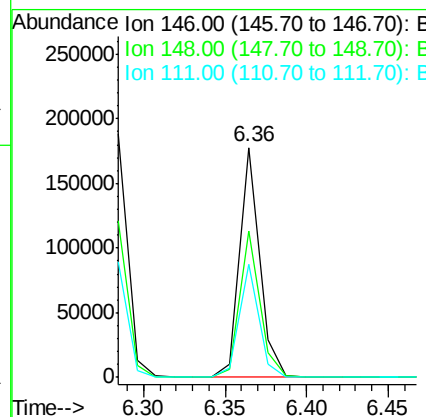
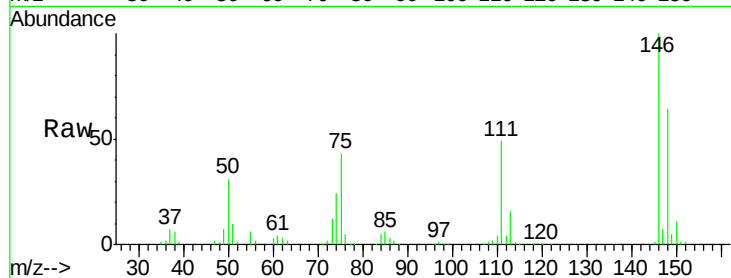




#13
 1,4-Dichlorobenzene
 Concen: 38.32 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

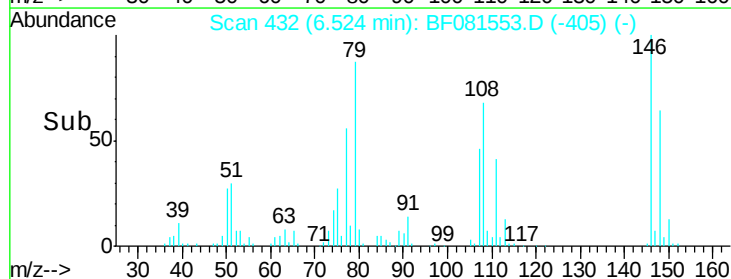
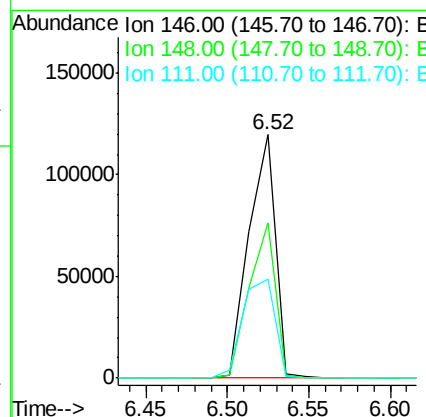
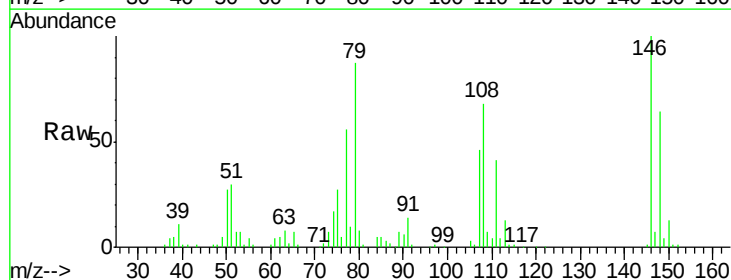
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 150030
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 49.1 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng
 RT: 6.52 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:146 Resp: 134068
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.7 79.1
 111 40.5 28.8 43.2

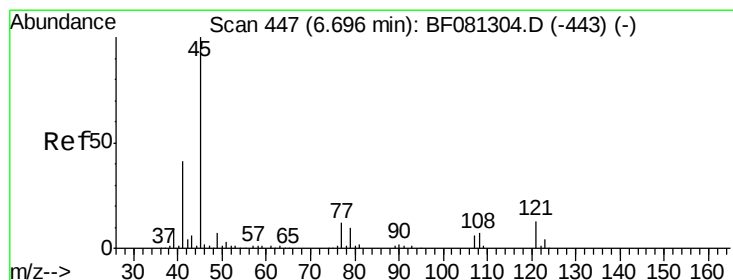
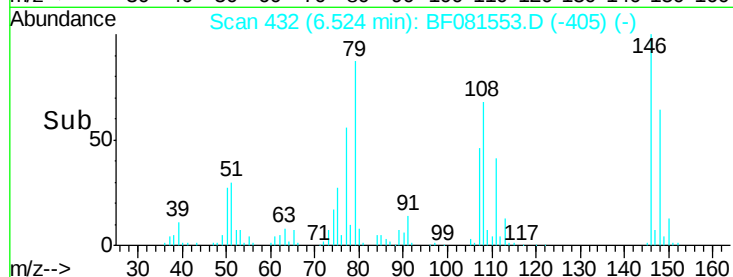
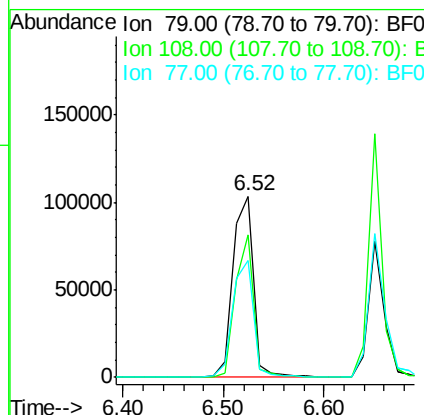
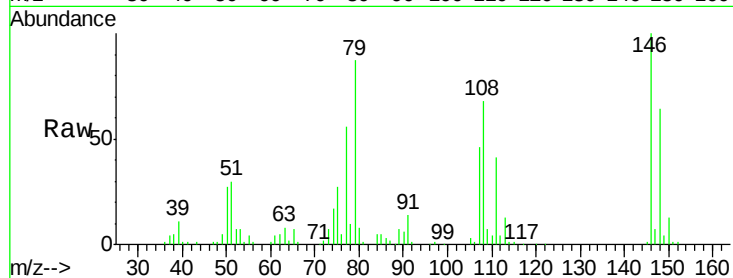




#15
Benzyl Alcohol
Concen: 41.85 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

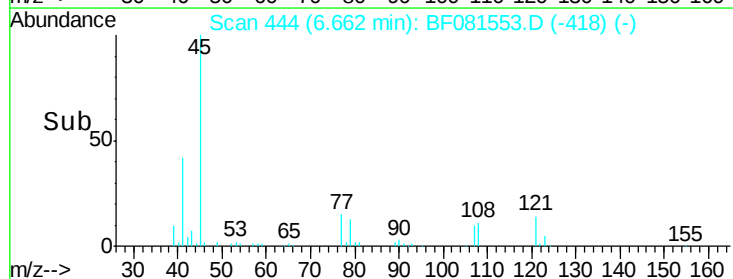
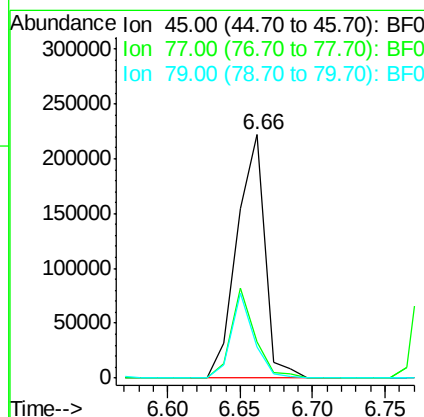
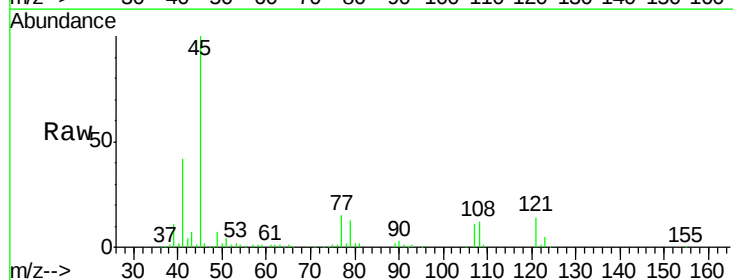
Instrument :
BNA_F
ClientSampled :

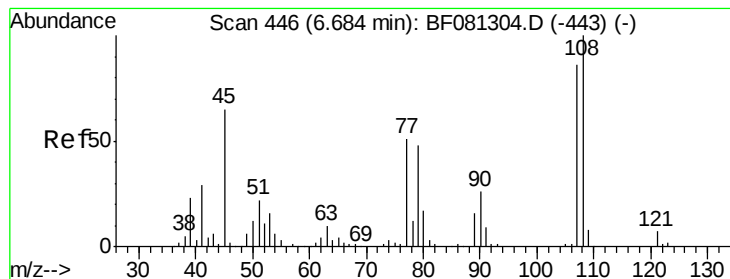
Tot Ion: 79 Resp: 148409
Ion Ratio Lower Upper
79 100
108 78.5 88.6 132.8#
77 64.4 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.73 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion: 45 Resp: 296241
Ion Ratio Lower Upper
45 100
77 15.0 0.0 28.1
79 13.0 0.0 26.0

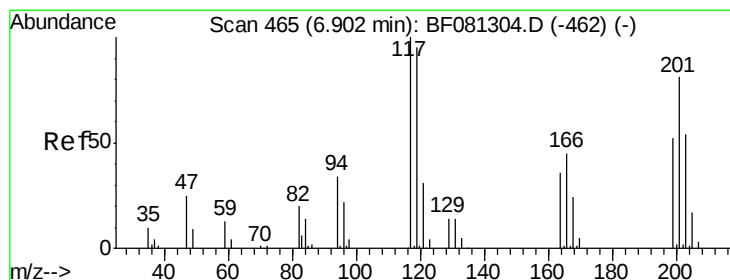
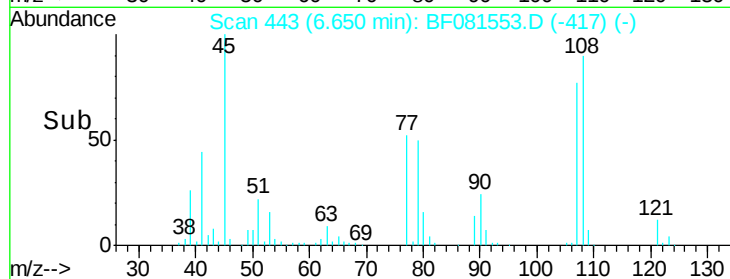
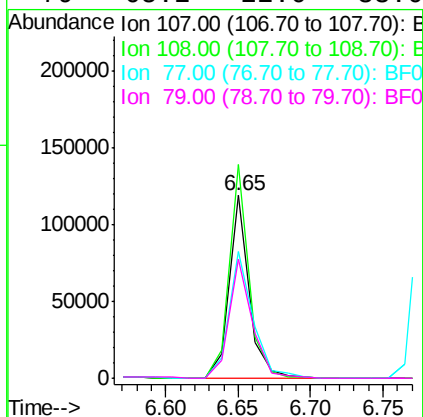
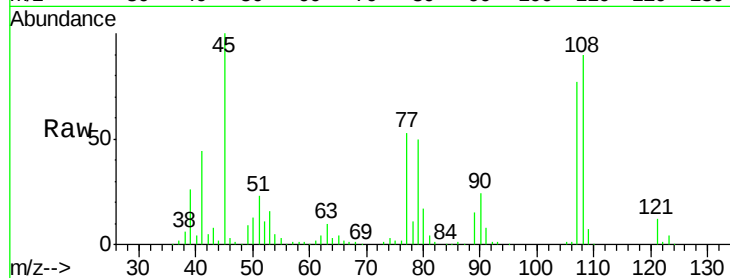




#17
 2-Methylphenol
 Concen: 39.40 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

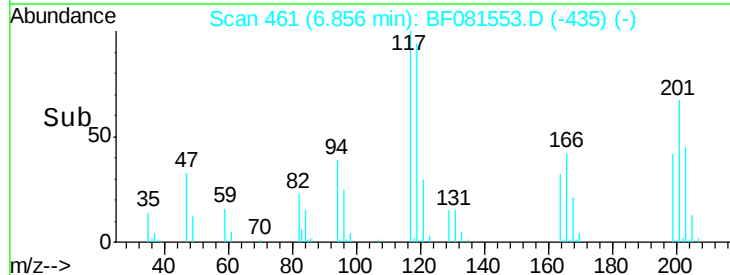
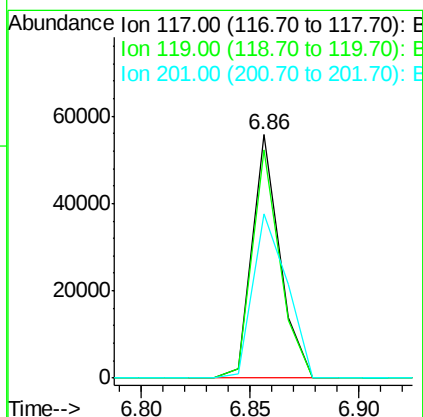
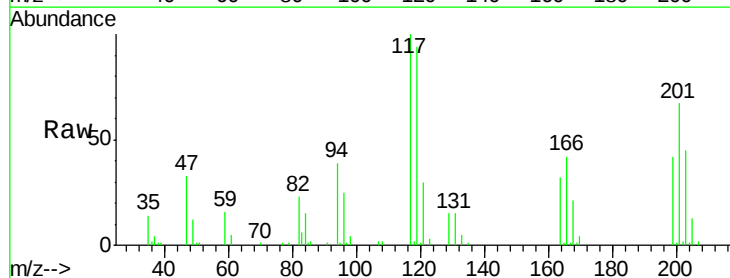
Instrument :
 BNA_F
 ClientSampleId :

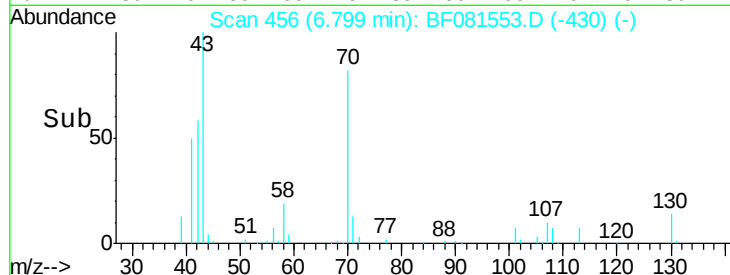
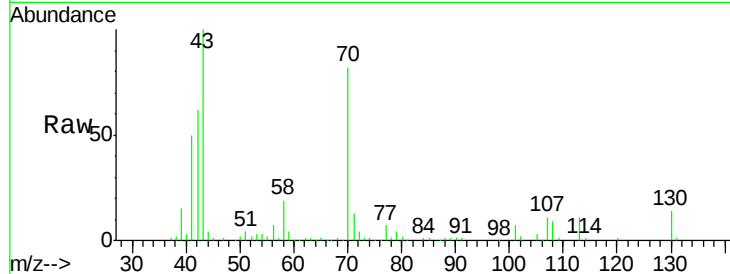
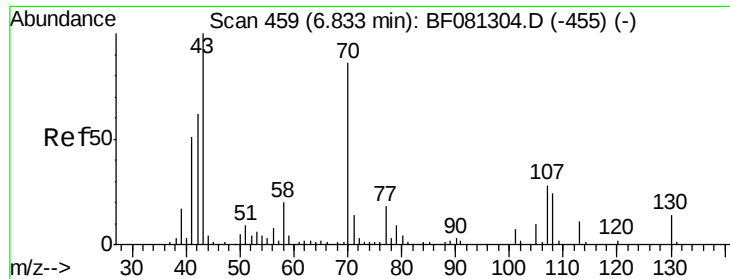
Tot Ion:	107	Resp:	113144
Ion	Ratio	Lower	Upper
107	100		
108	117.0	96.6	145.0
77	69.3	23.3	34.9#
79	65.2	22.0	33.0#



#18
 Hexachloroethane
 Concen: 32.38 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:	117	Resp:	49322
Ion	Ratio	Lower	Upper
117	100		
119	93.5	83.8	125.6
201	67.4	55.1	82.7

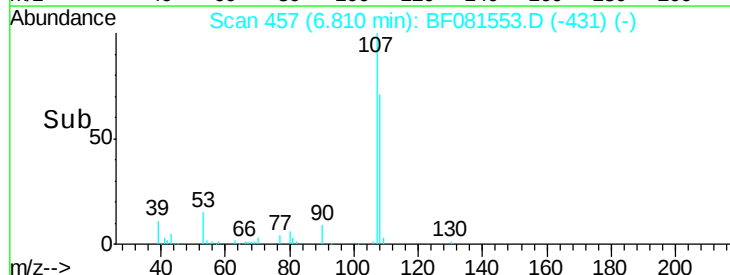
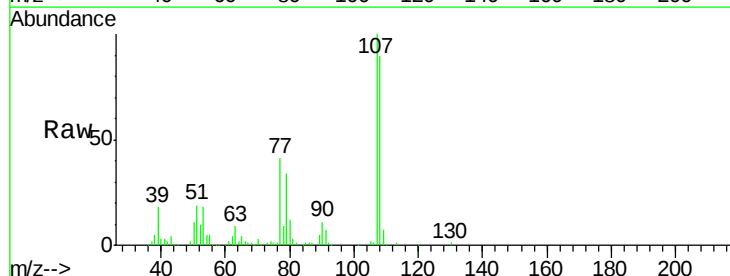
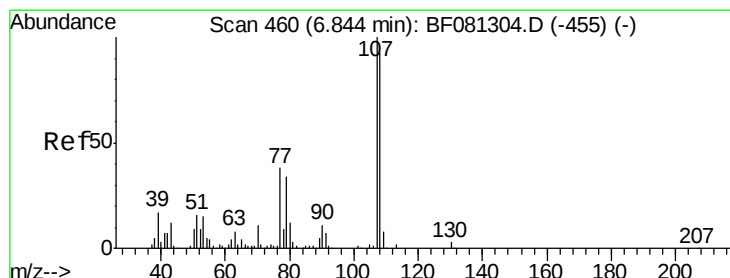
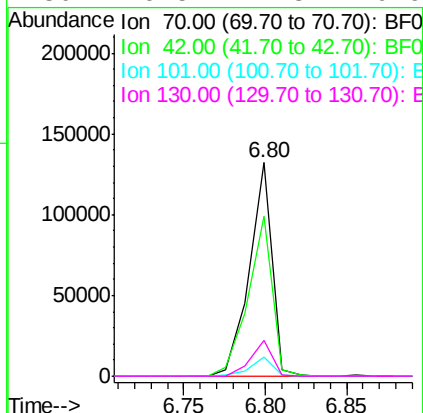




#19
n-Nitroso-di-n-propylamine
Concen: 43.40 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

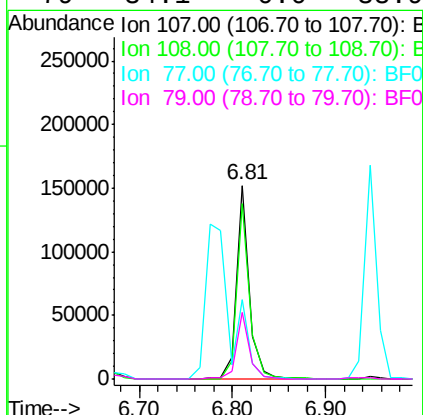
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.0	63.8	95.6
101	8.9	9.2	13.8#
130	16.5	27.3	40.9#



#20
3+4-Methylphenols
Concen: 38.34 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	74.6	114.6
77	40.7	0.7	40.7#
79	34.1	0.0	38.9

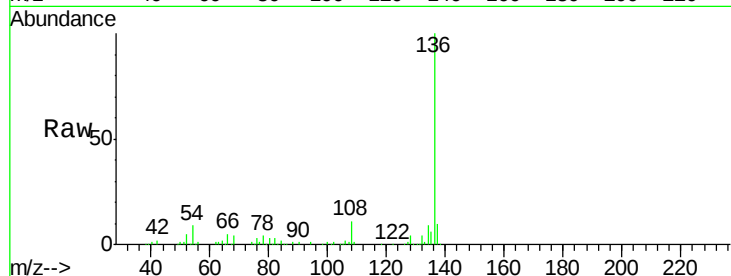




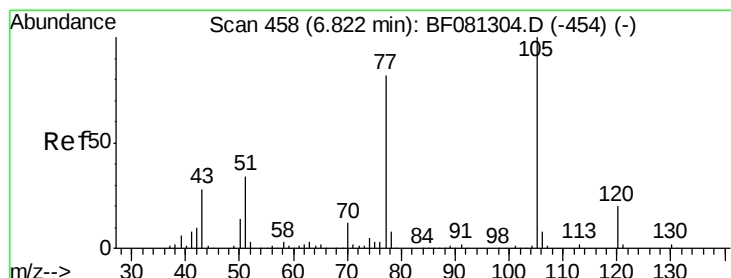
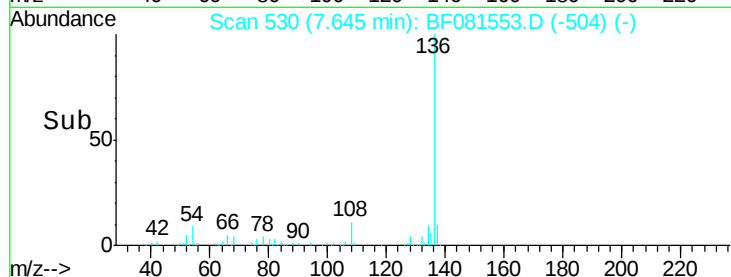
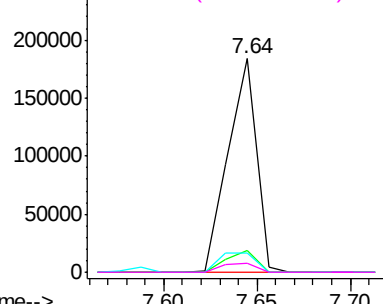
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	193518
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.0 13.6
54	8.8	8.2 12.2
68	4.0	5.8 8.6#

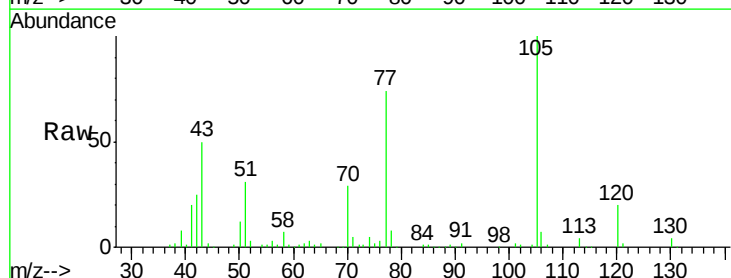


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

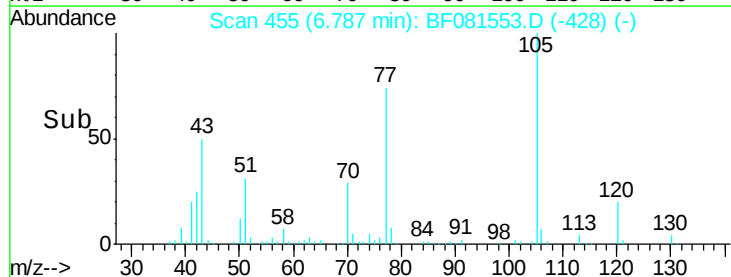
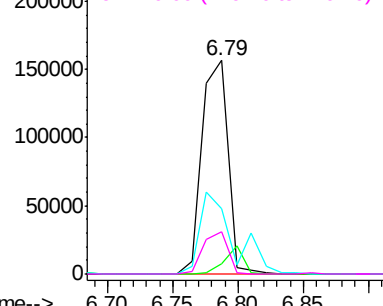


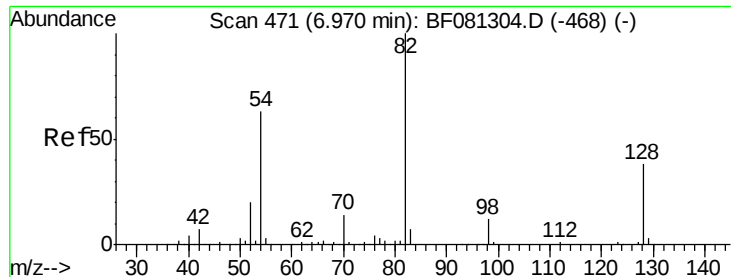
#22
Acetophenone
Concen: 40.76 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:105	Resp:	215431
Ion Ratio	Lower	Upper
105	100	
71	4.9	4.7 7.1
51	30.5	22.0 33.0
120	20.0	30.1 45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

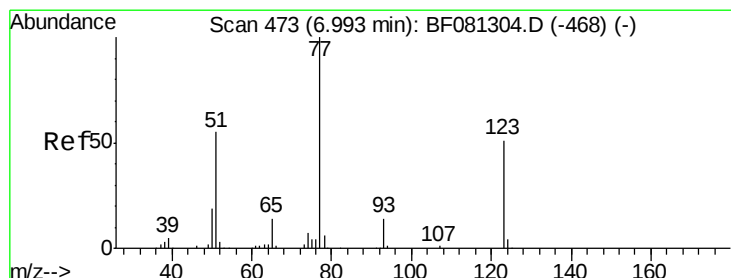
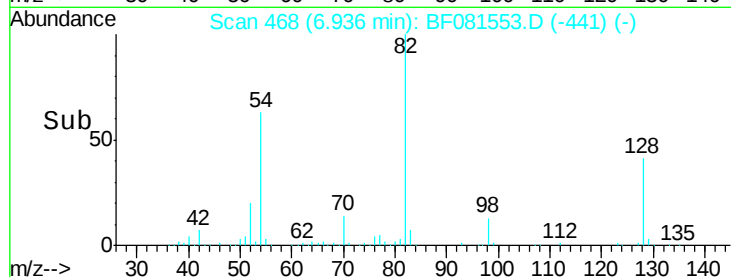
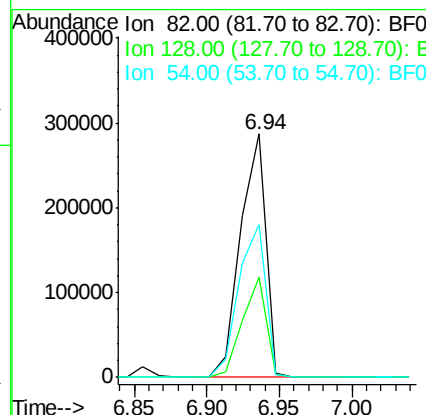
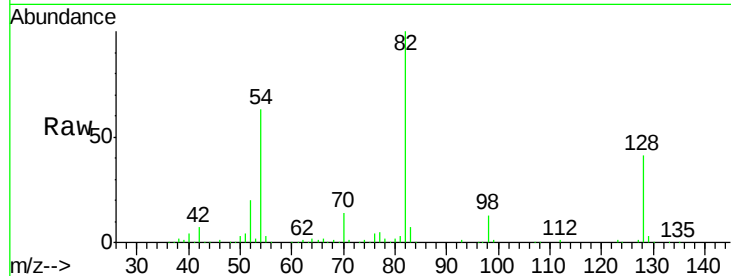




#23
 Nitrobenzene-d5
 Concen: 87.13 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

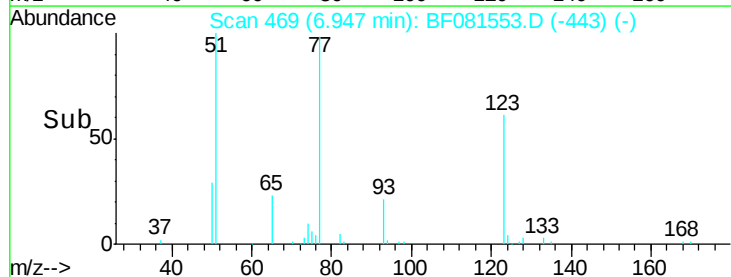
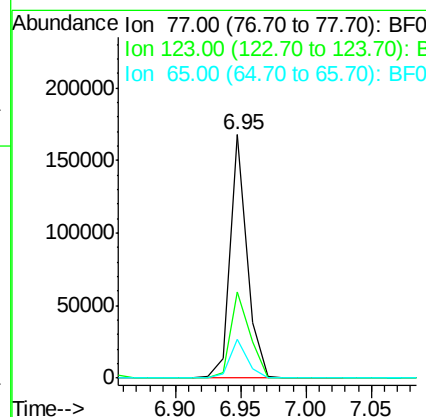
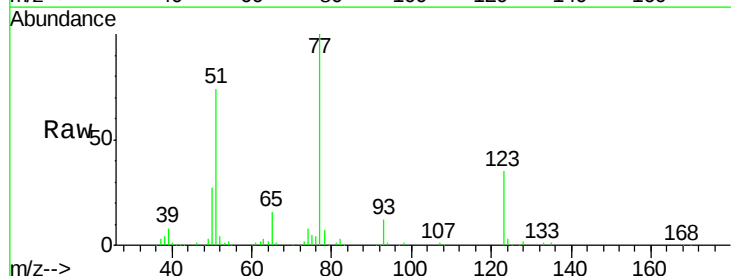
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	51.0	76.6#
54	62.6	47.5	71.3



#24
 Nitrobenzene
 Concen: 36.85 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.5	59.8	89.8#
65	16.1	10.2	15.4#





#25

Isophorone

Concen: 40.81 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

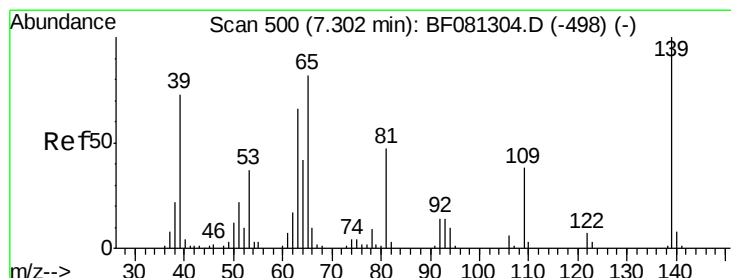
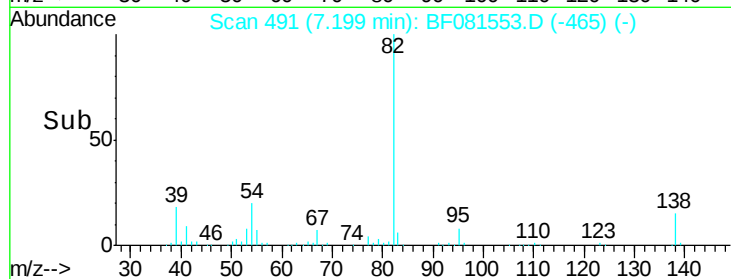
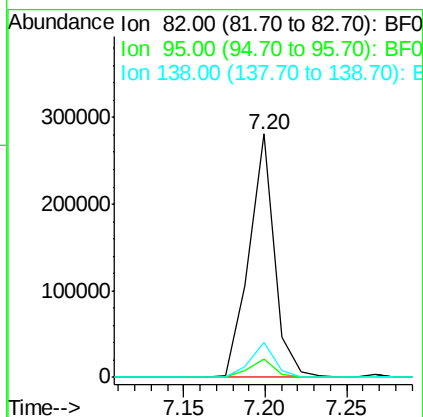
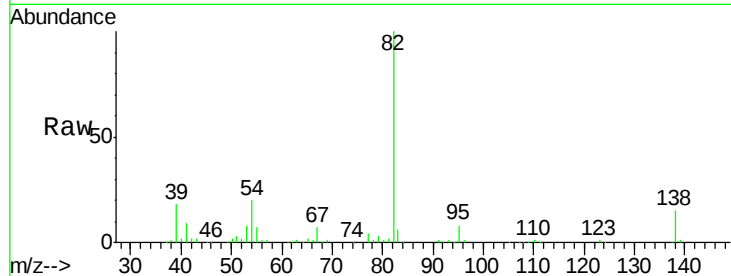
Tot Ion: 82 Resp: 304488

Ion Ratio Lower Upper

82 100

95 7.7 4.0 6.0#

138 14.6 18.3 27.5#



#26

2-Nitrophenol

Concen: 40.42 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

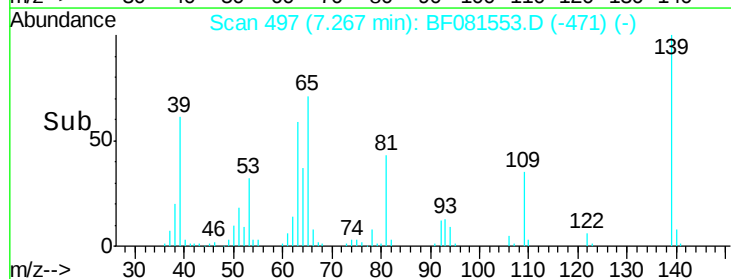
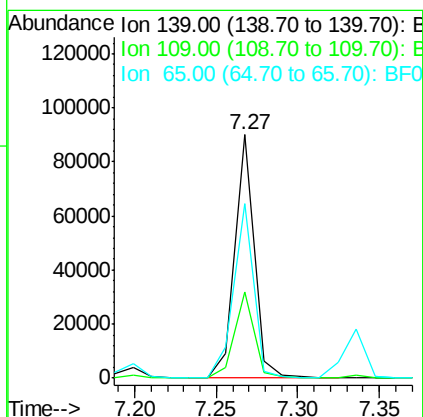
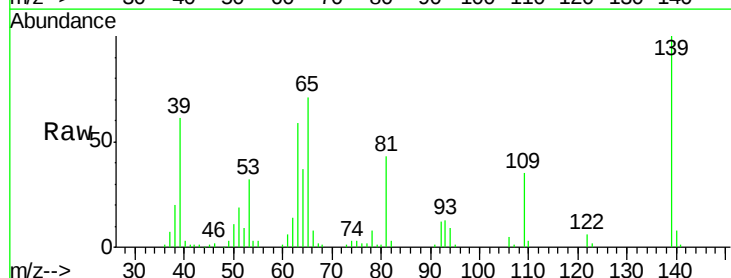
Tgt Ion: 139 Resp: 73377

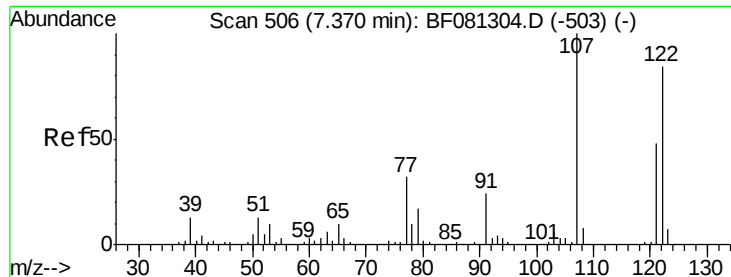
Ion Ratio Lower Upper

139 100

109 35.3 11.0 16.4#

65 71.5 24.7 37.1#

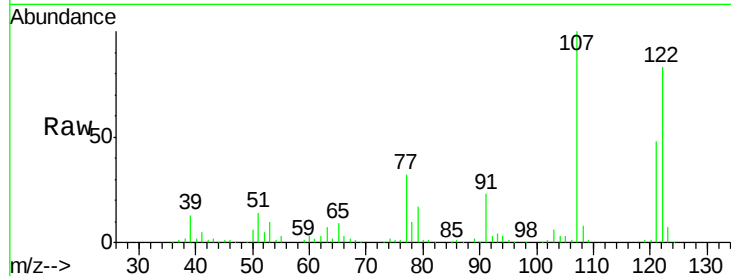




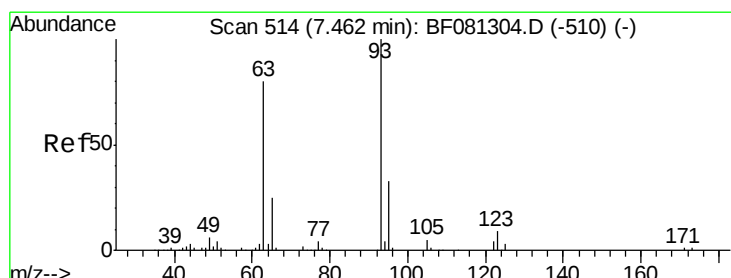
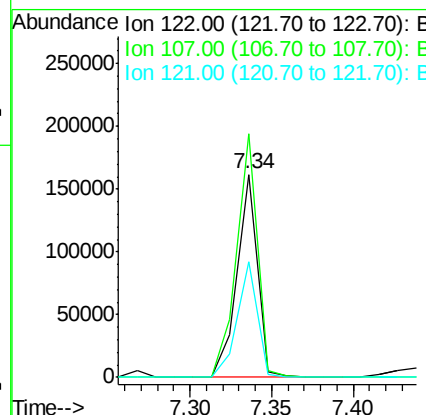
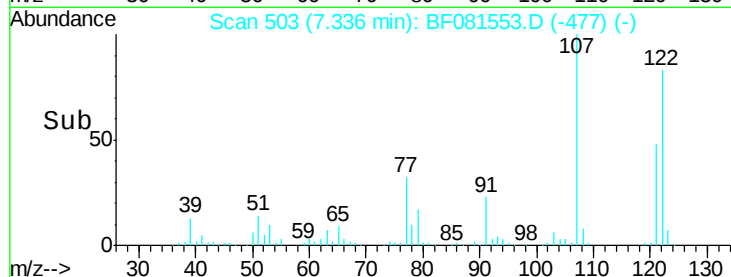
#27
 2,4-Dimethylphenol
 Concen: 44.18 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 138542
 Ion Ratio Lower Upper
 122 100
 107 119.8 71.8 107.6#
 121 57.2 42.3 63.5

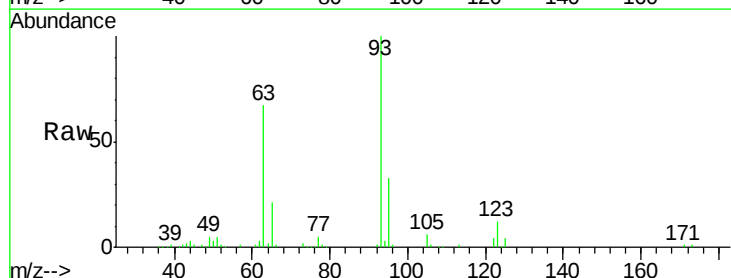


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

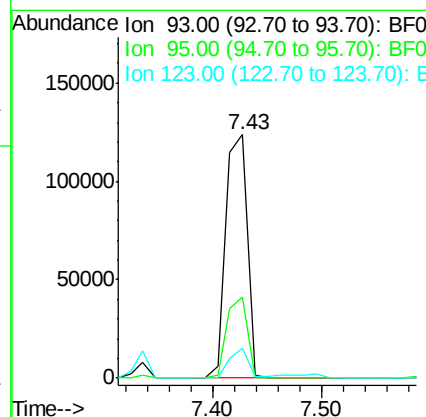
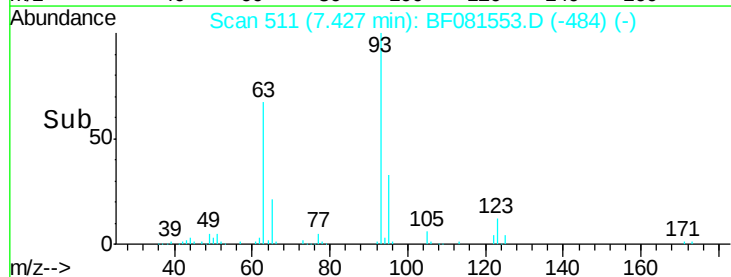


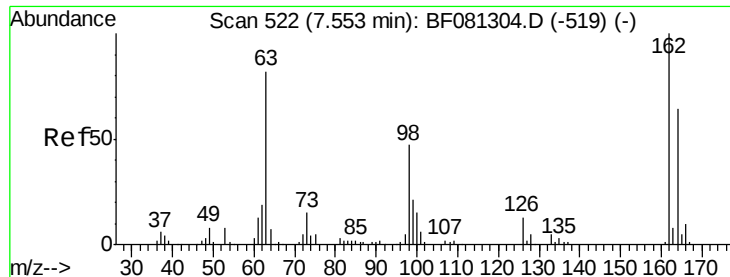
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.41 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion: 93 Resp: 169834
 Ion Ratio Lower Upper
 93 100
 95 33.2 27.5 41.3
 123 12.1 13.7 20.5#



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

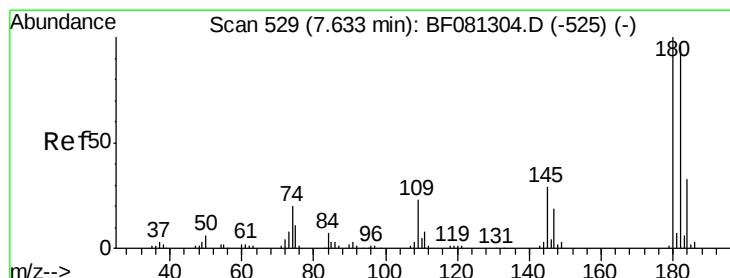
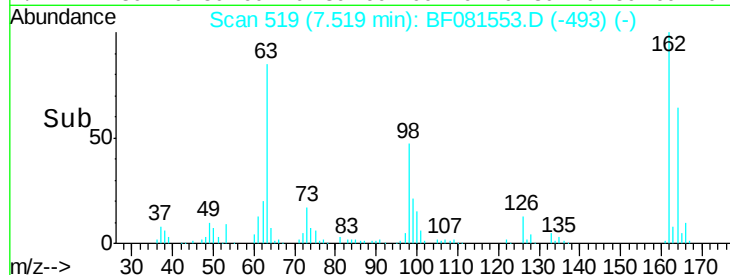
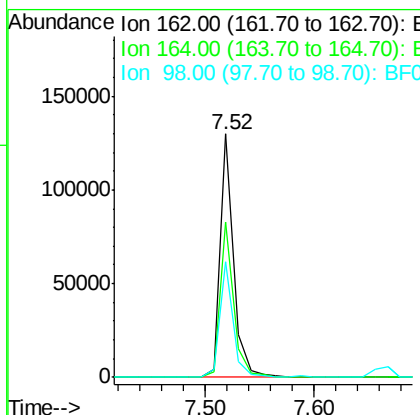
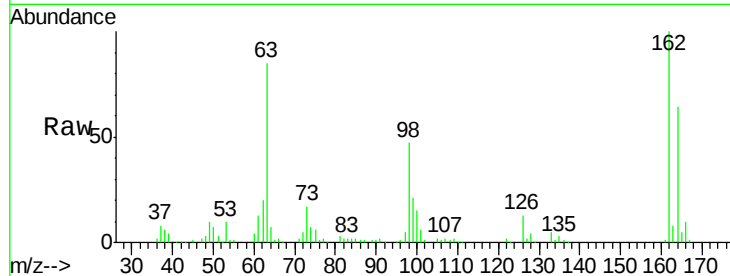




#29
 2,4-Dichlorophenol
 Concen: 41.53 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

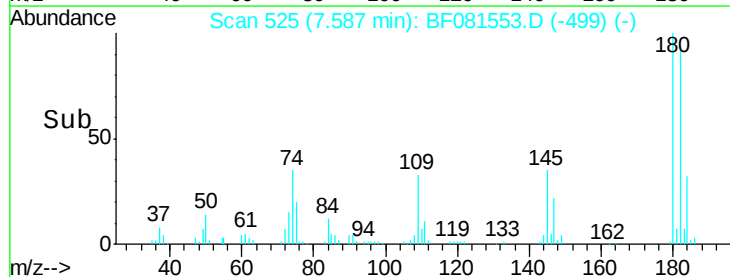
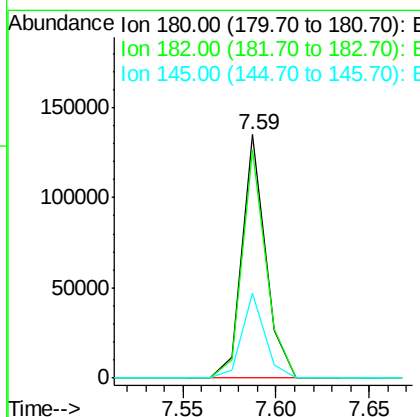
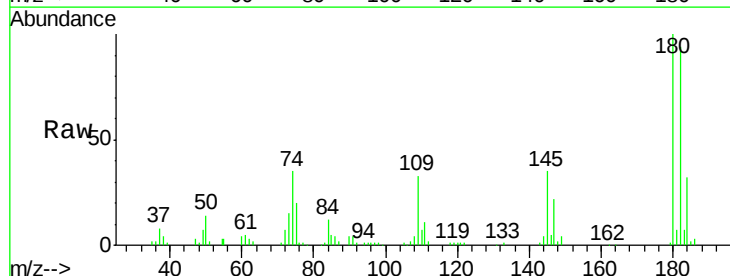
Instrument :
 BNA_F
 ClientSampleId :

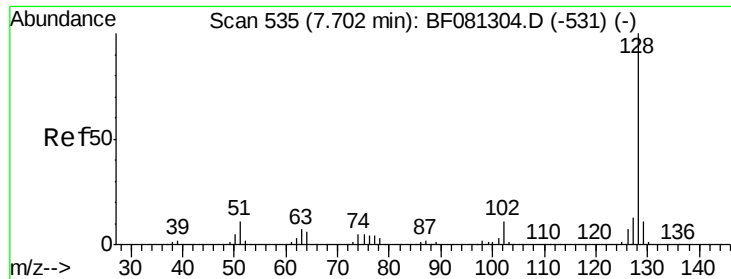
Tot Ion:162 Resp: 112922
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.9 84.9
 98 47.3 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.26 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:180 Resp: 118915
 Ion Ratio Lower Upper
 180 100
 182 93.8 77.1 115.7
 145 35.1 23.3 34.9#

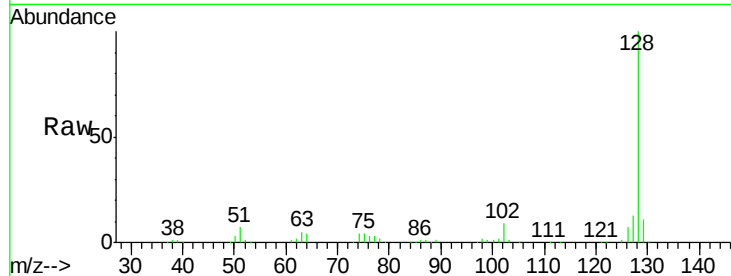




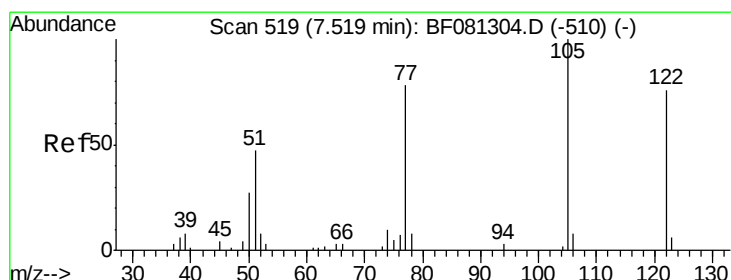
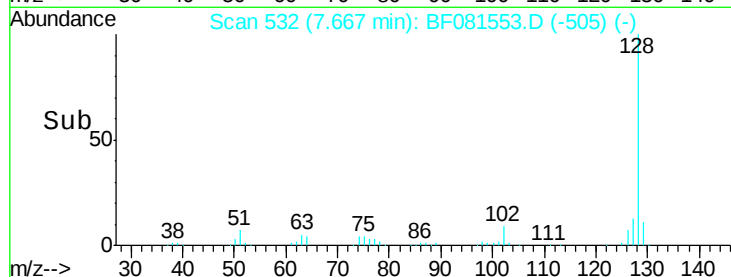
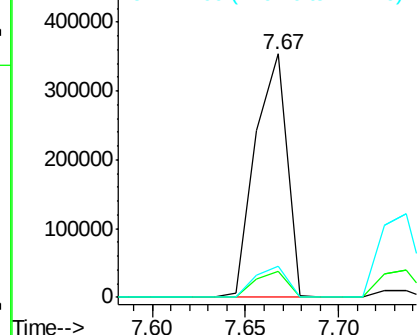
#31
Naphthalene
Concen: 40.38 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 416795
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.0 9.9 14.9

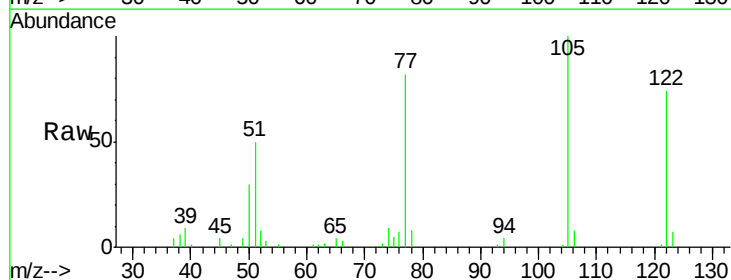


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

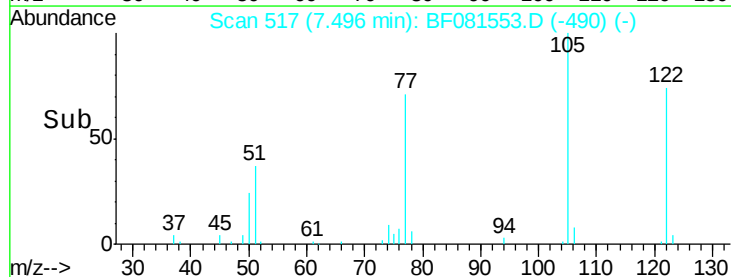
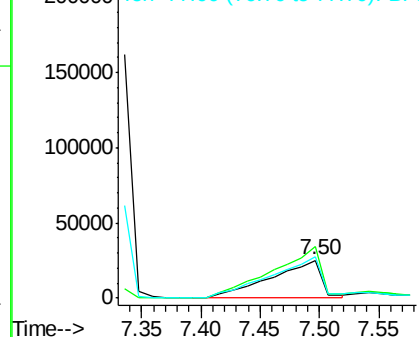


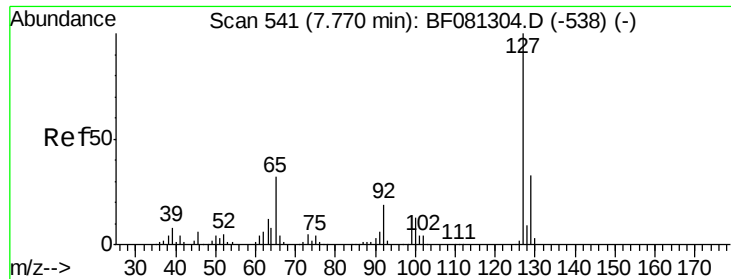
#32
Benzoic acid
Concen: 34.34 ng
RT: 7.50 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:122 Resp: 75167
Ion Ratio Lower Upper
122 100
105 134.6 76.1 116.1#
77 110.2 40.5 80.5#



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

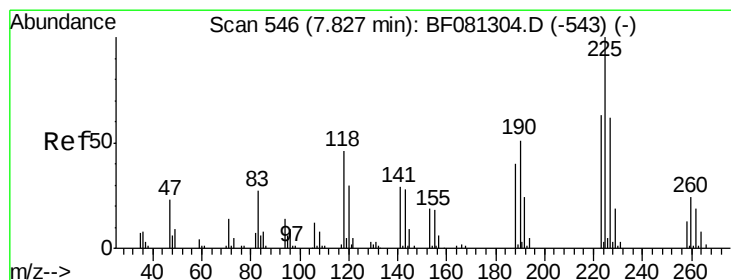
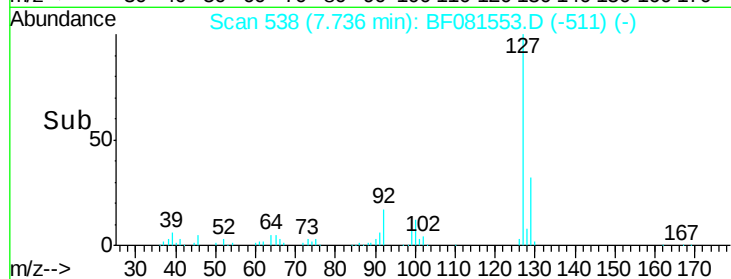
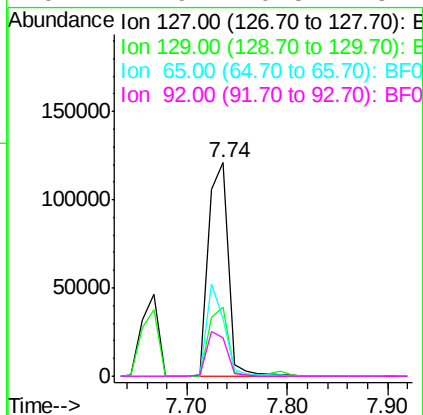
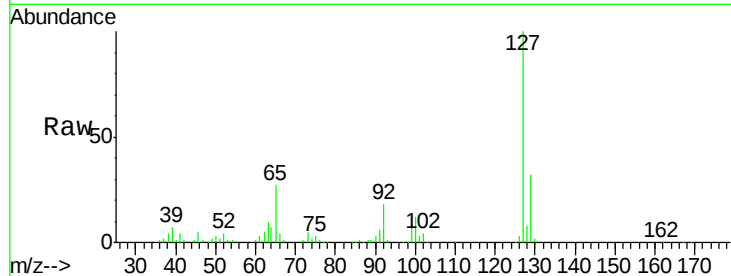




#33
4-Chloroaniline
Concen: 39.50 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

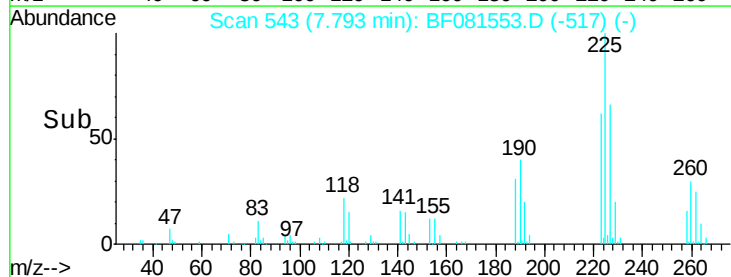
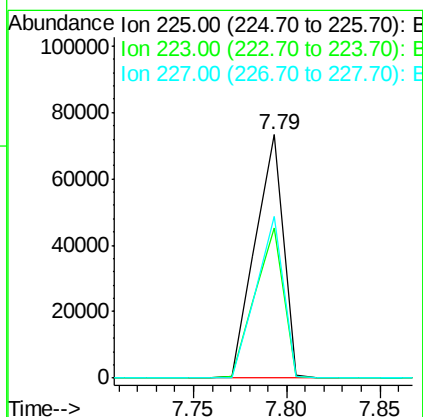
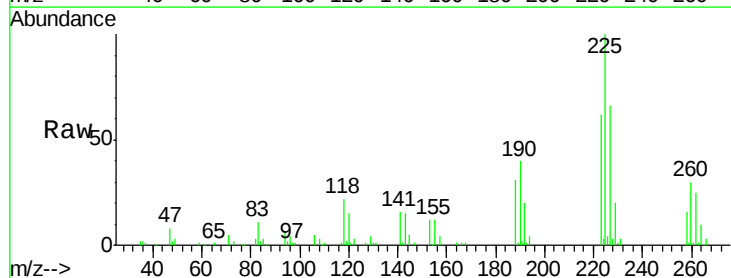
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	166279
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	27.0	17.9	26.9#
92	17.9	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 42.43 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:	225	Resp:	76275
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	66.5	52.2	78.2





#35

Caprolactam

Concen: 42.17 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

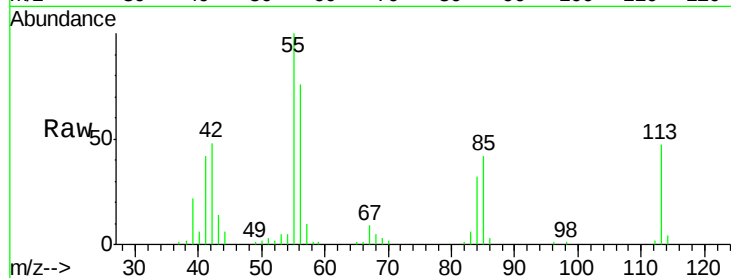
Tot Ion:113 Resp: 35171

Ion Ratio Lower Upper

113 100

55 215.0 152.4 192.4#

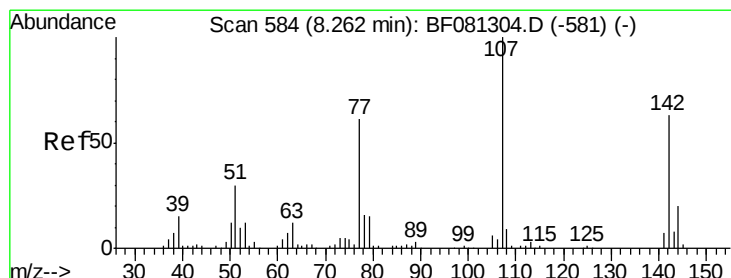
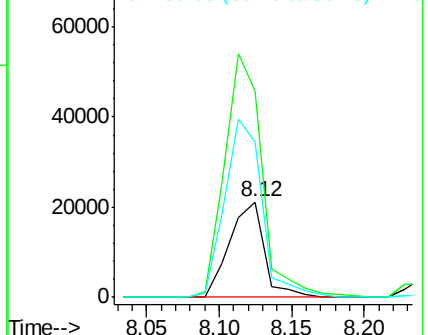
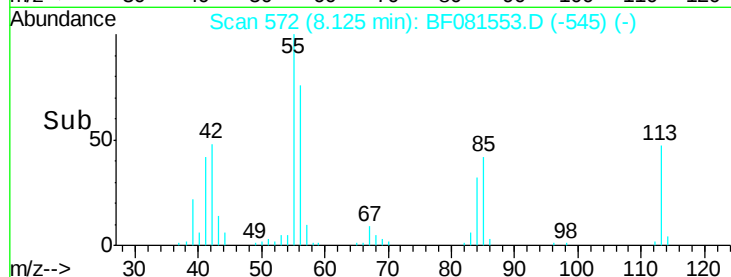
56 162.4 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.41 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

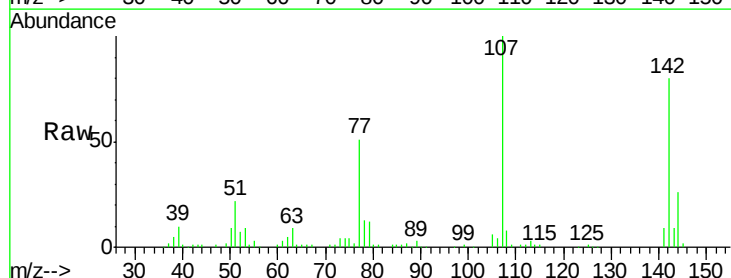
Tgt Ion:107 Resp: 132133

Ion Ratio Lower Upper

107 100

144 25.8 25.4 38.0

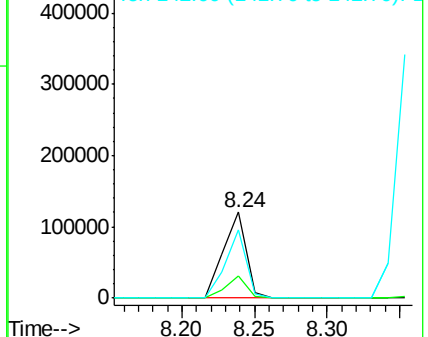
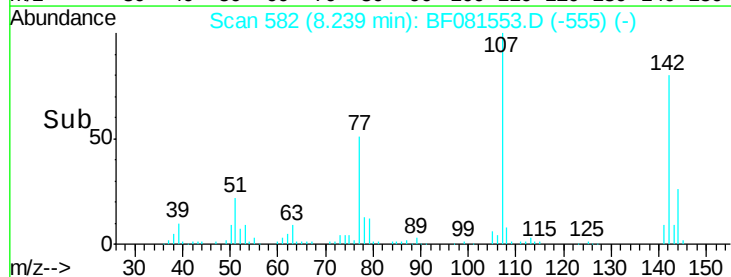
142 80.0 77.3 115.9

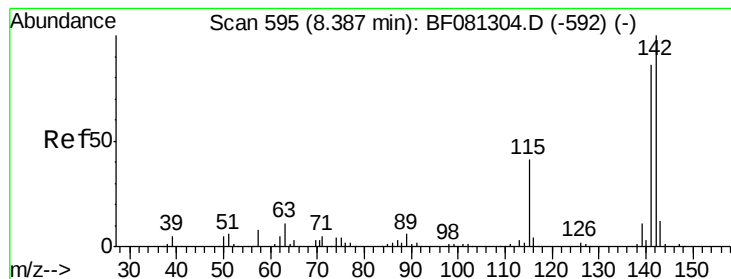


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

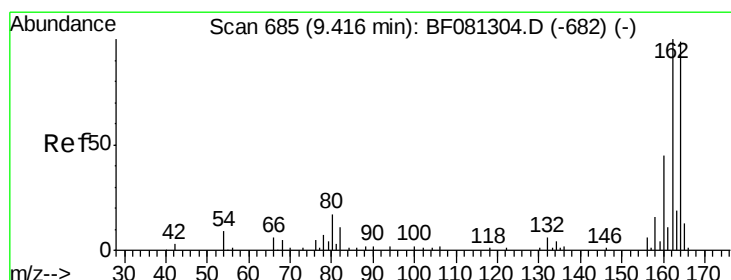
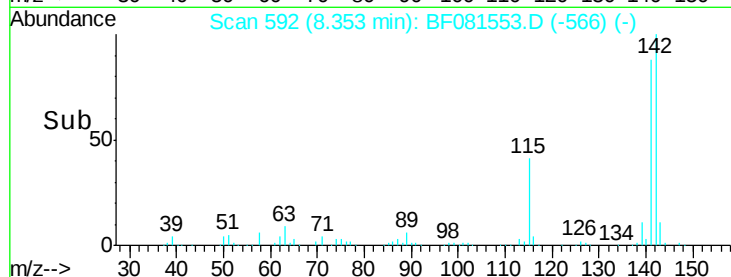
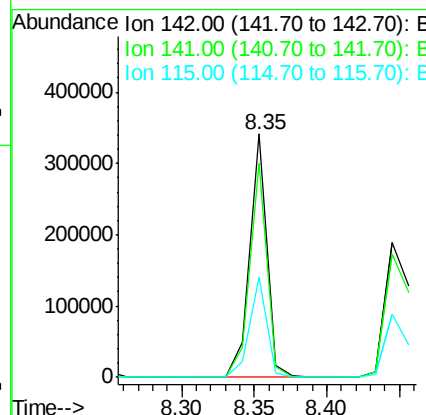
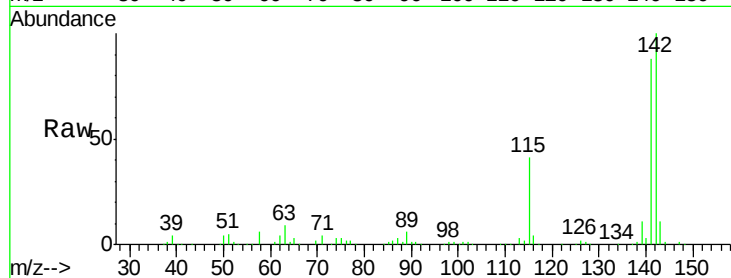




#37
 2-Methylnaphthalene
 Concen: 41.94 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

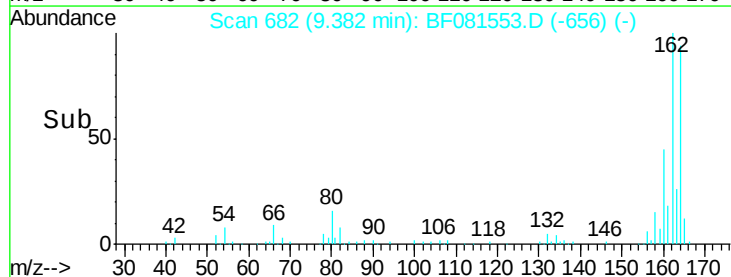
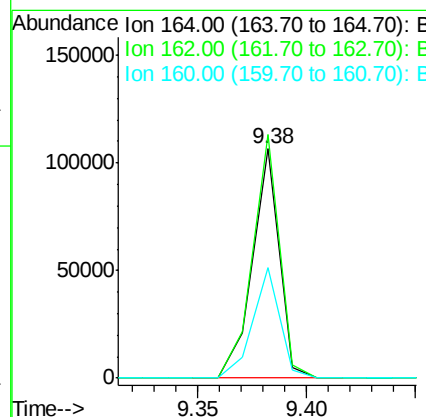
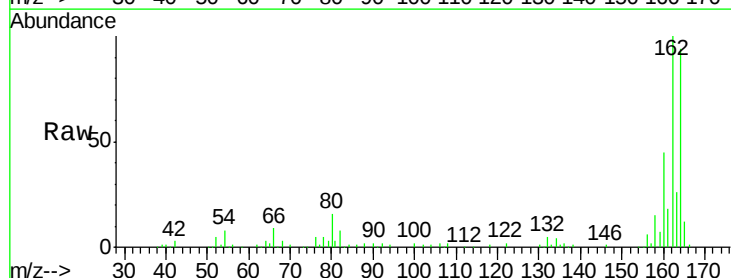
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 281648
 Ion Ratio Lower Upper
 142 100
 141 87.8 67.5 101.3
 115 41.3 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:164 Resp: 90663
 Ion Ratio Lower Upper
 164 100
 162 106.2 75.2 112.8
 160 48.0 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.43 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 118799

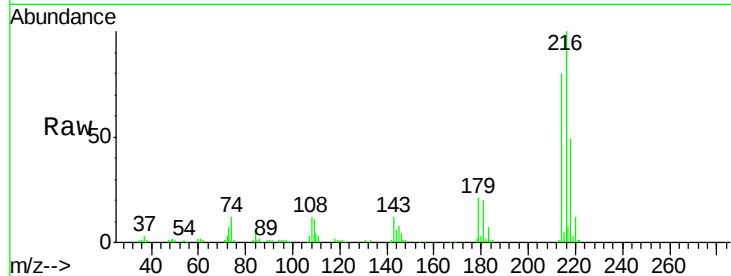
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.5	95.3
179	22.1	16.6	24.8
108	17.8	16.3	24.5

216 100

214 79.6 63.5 95.3

179 22.1 16.6 24.8

108 17.8 16.3 24.5

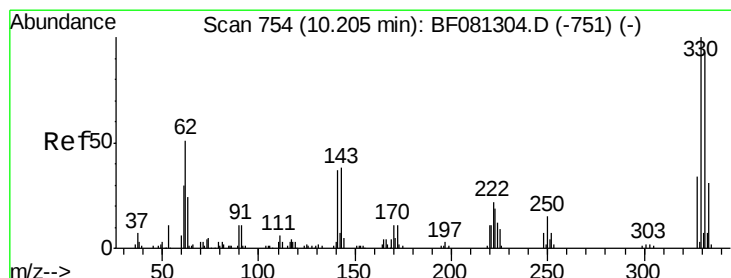
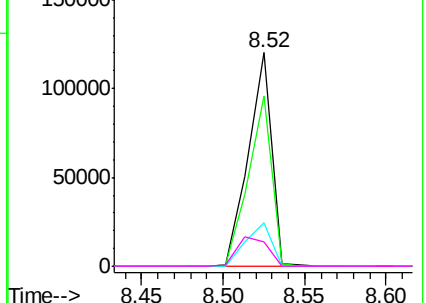
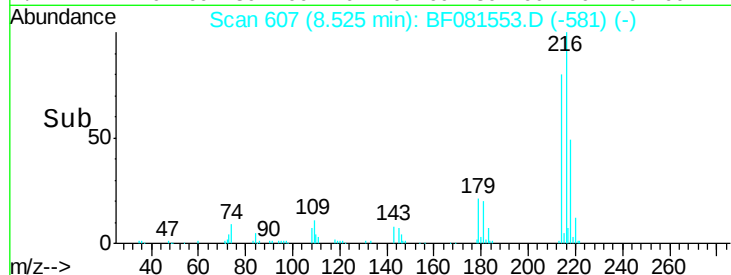


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 79.22 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

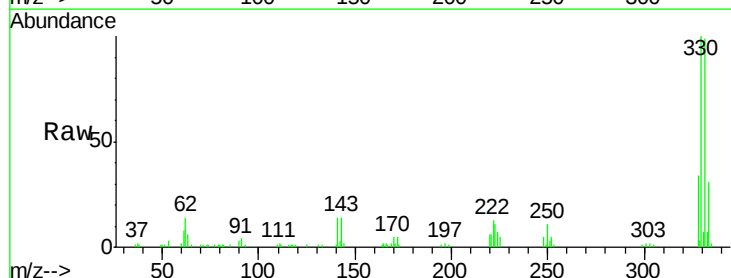
Tgt Ion:330 Resp: 63954

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	42.4	29.7	44.5

330 100

332 96.5 76.6 114.8

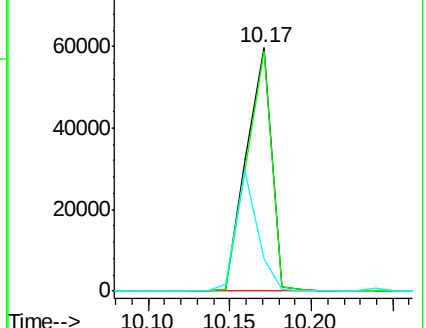
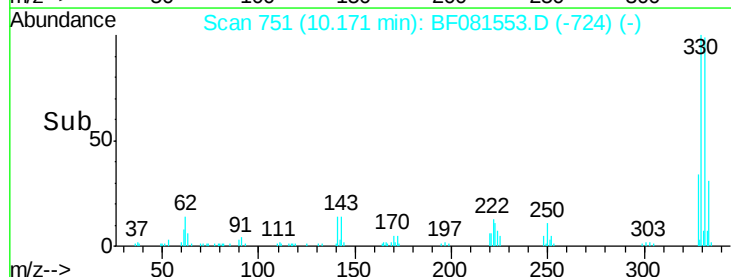
141 42.4 29.7 44.5

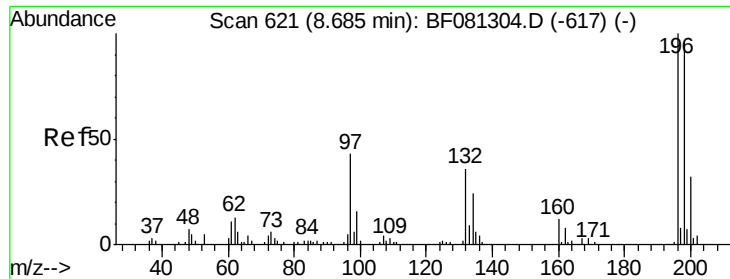


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

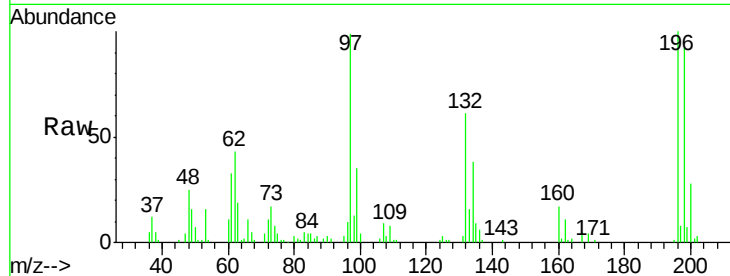




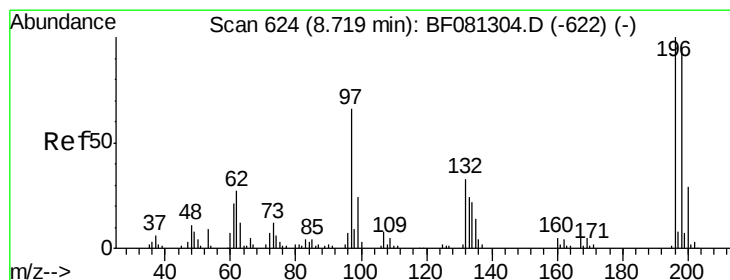
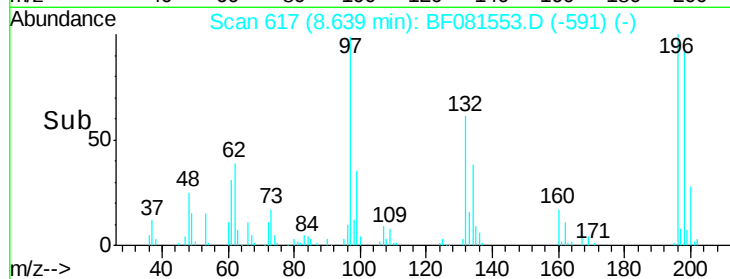
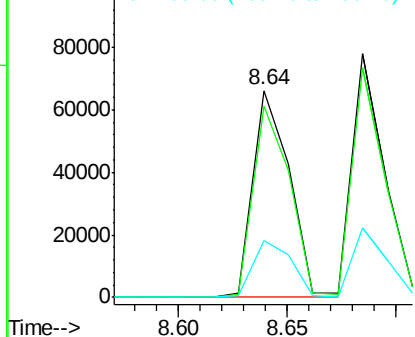
#42
 2,4,6-Trichlorophenol
 Concen: 39.07 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 77312
 Ion Ratio Lower Upper
 196 100
 198 92.3 75.7 113.5
 200 27.6 23.9 35.9



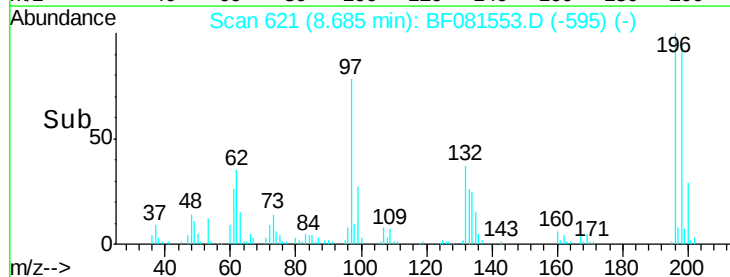
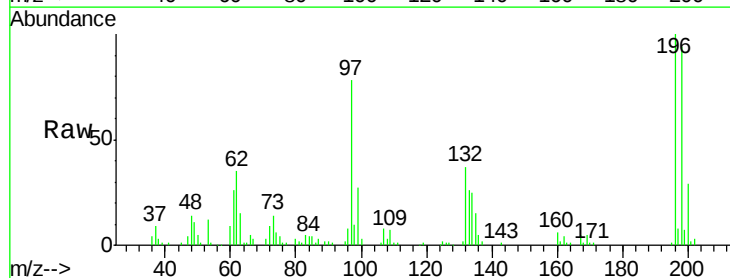
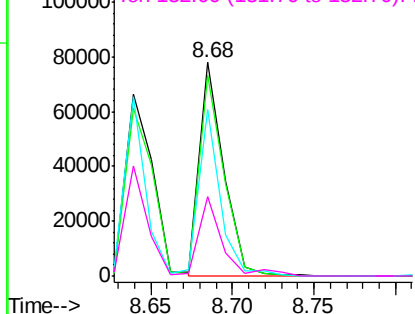
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

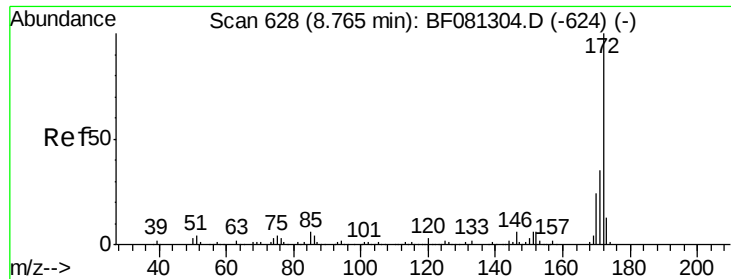


#43
 2,4,5-Trichlorophenol
 Concen: 39.99 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:196 Resp: 80726
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.0
 97 77.9 33.3 49.9#
 132 36.9 24.6 37.0

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

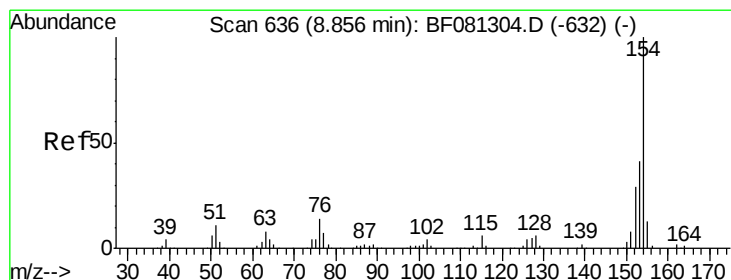
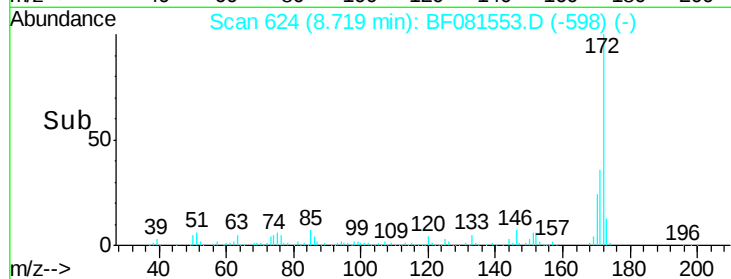
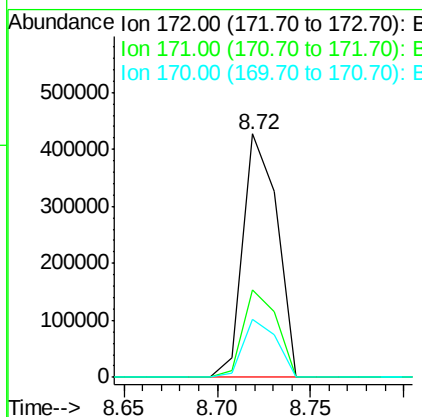
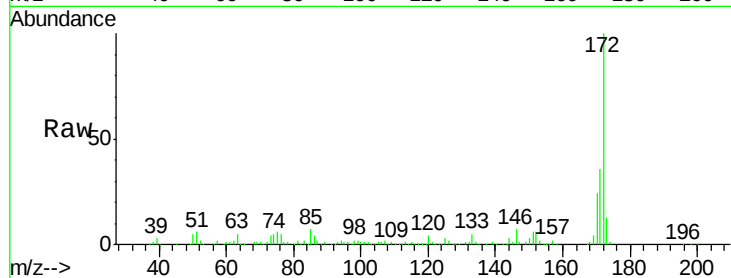




#44
 2-Fluorobiphenyl
 Concen: 76.61 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

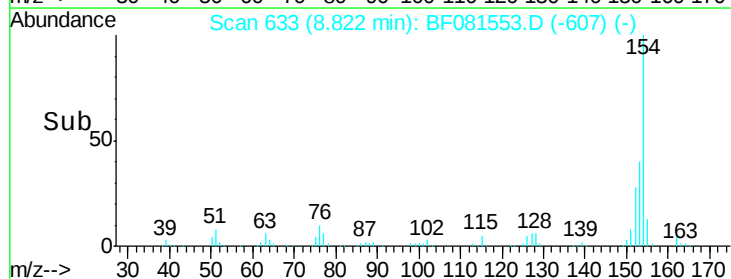
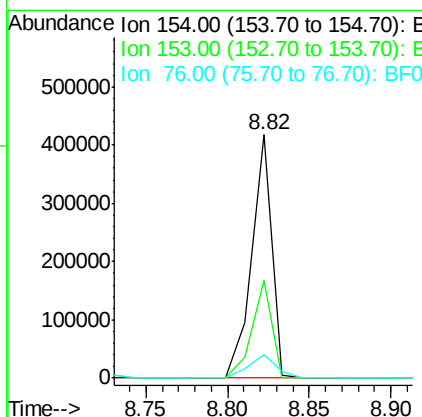
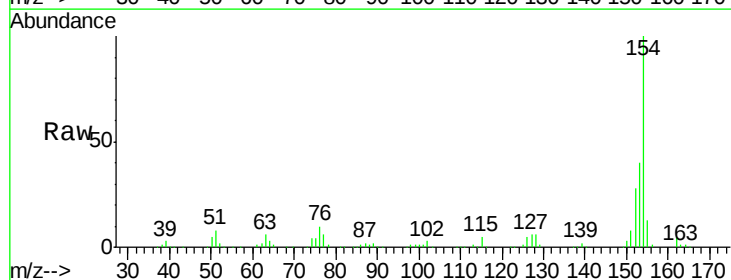
Instrument :
 BNA_F
 ClientSampled :

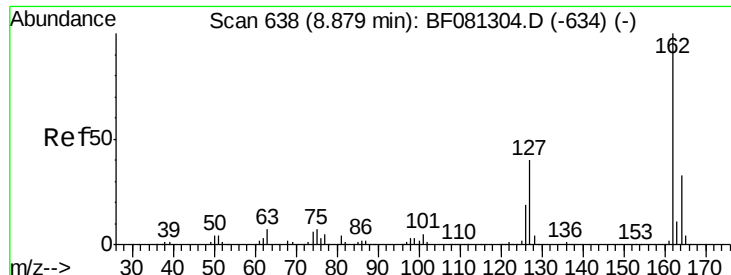
Tot Ion:172 Resp: 541989
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 23.8 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 42.67 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:154 Resp: 355940
 Ion Ratio Lower Upper
 154 100
 153 40.3 17.1 57.1
 76 9.7 0.0 31.6

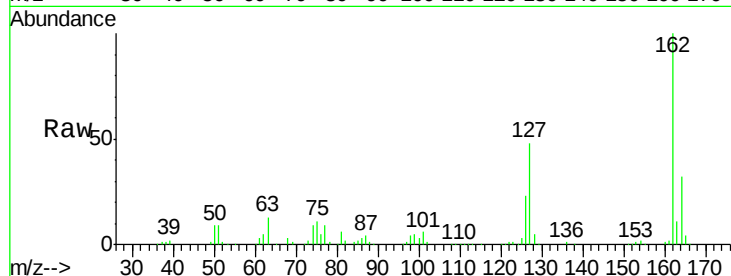




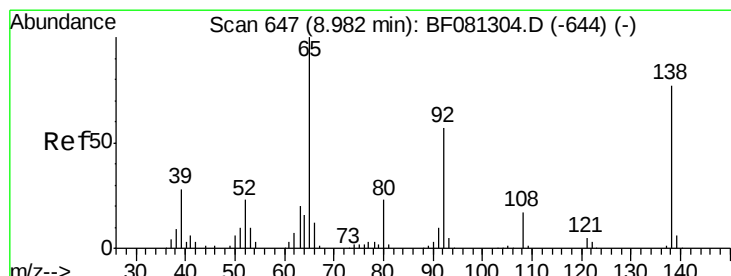
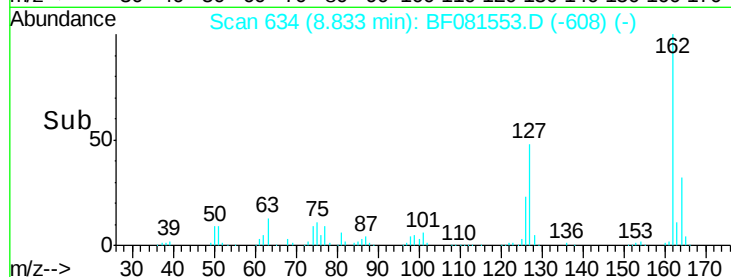
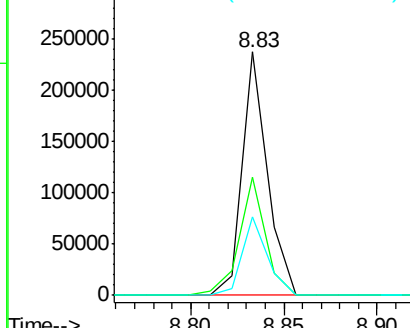
#46
 2-Chloronaphthalene
 Concen: 36.88 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 222144
 Ion Ratio Lower Upper
 162 100
 127 48.4 27.6 41.4#
 164 32.2 25.4 38.2

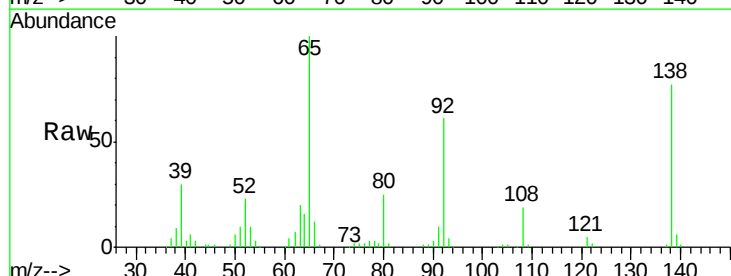


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

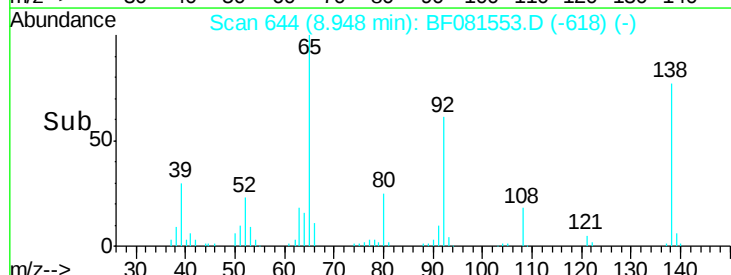
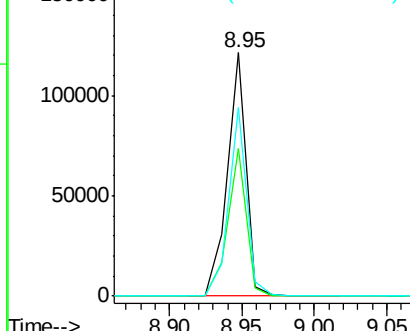


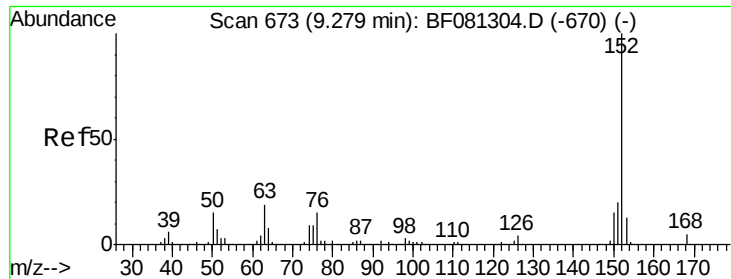
#47
 2-Nitroaniline
 Concen: 44.32 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion: 65 Resp: 108813
 Ion Ratio Lower Upper
 65 100
 92 60.8 55.4 83.0
 138 77.2 115.5 173.3#



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





#48

Acenaphthylene

Concen: 39.80 ng

RT: 9.24 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

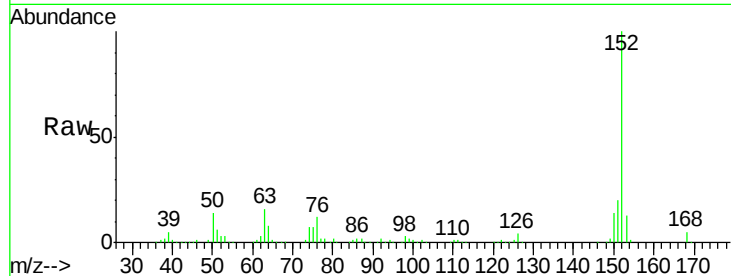
Tot Ion:152 Resp: 425366

Ion Ratio Lower Upper

152 100

151 20.4 14.6 22.0

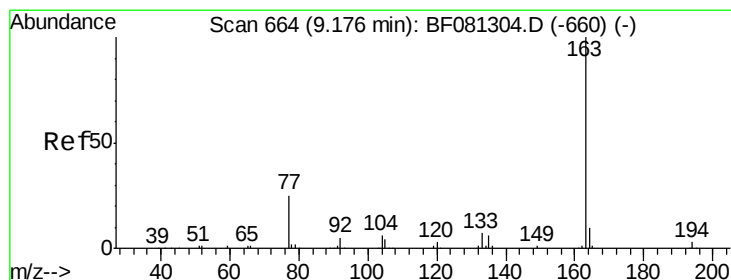
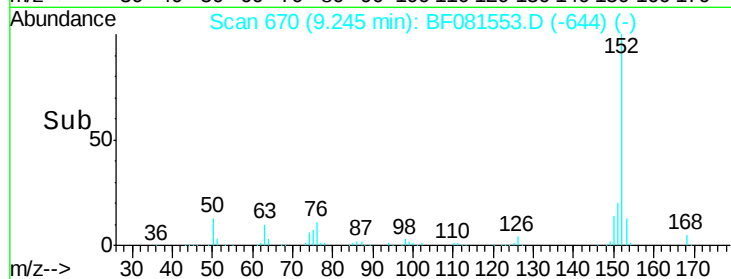
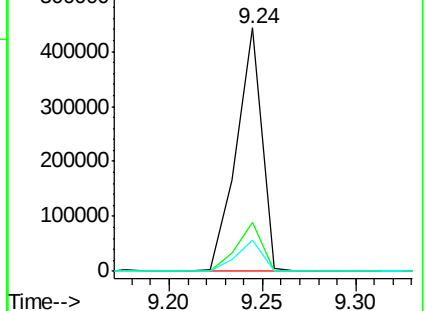
153 12.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.15 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

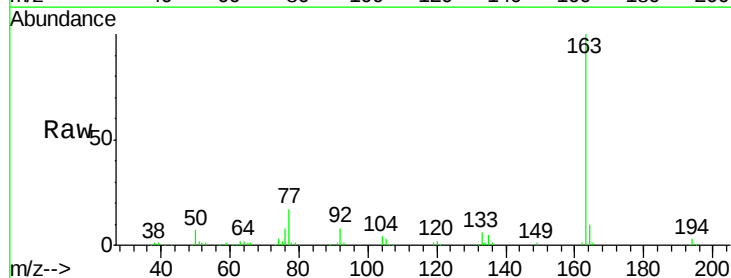
Tgt Ion:163 Resp: 289858

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

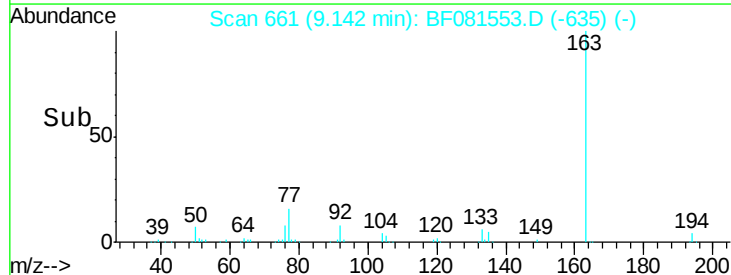
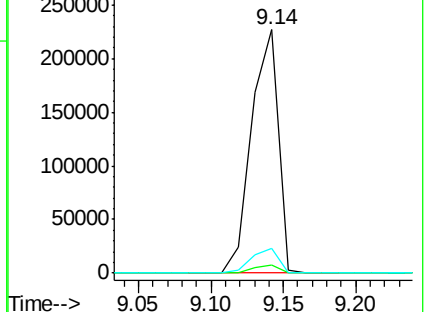
164 10.0 8.3 12.5

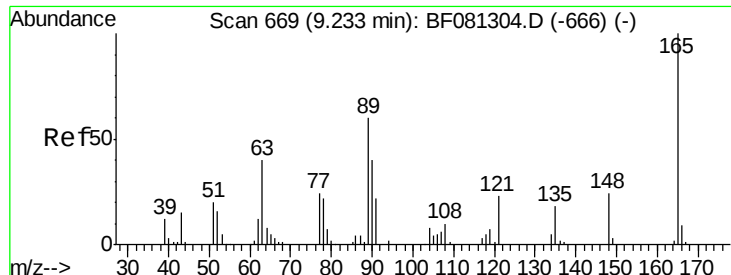


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

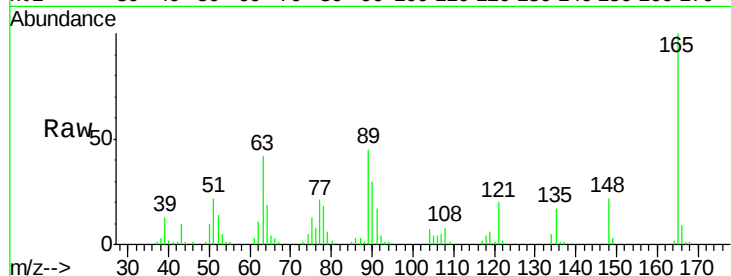




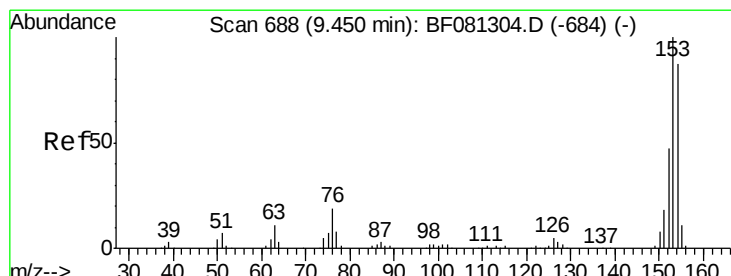
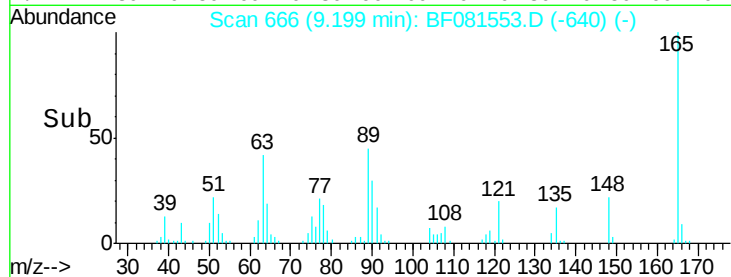
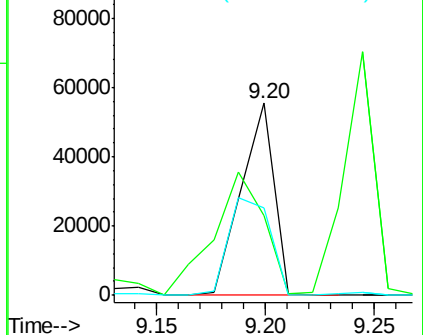
#50
 2,6-Dinitrotoluene
 Concen: 36.30 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 58028
 Ion Ratio Lower Upper
 165 100
 63 41.7 32.3 48.5
 89 45.4 28.6 43.0#

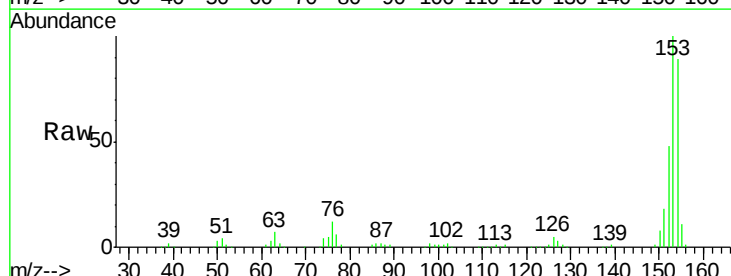


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

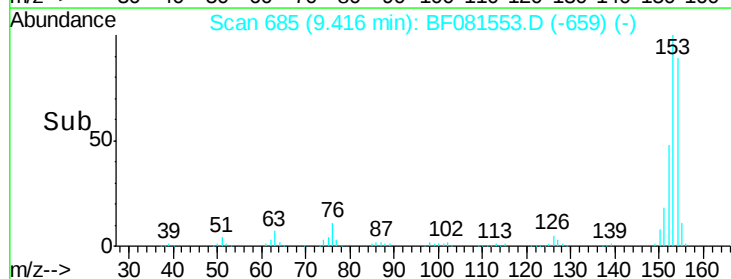
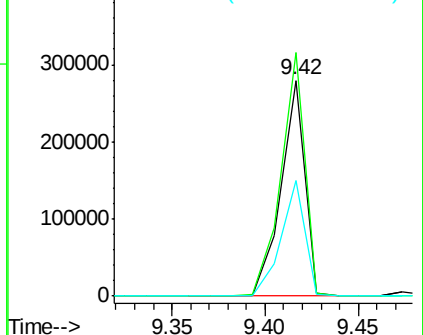


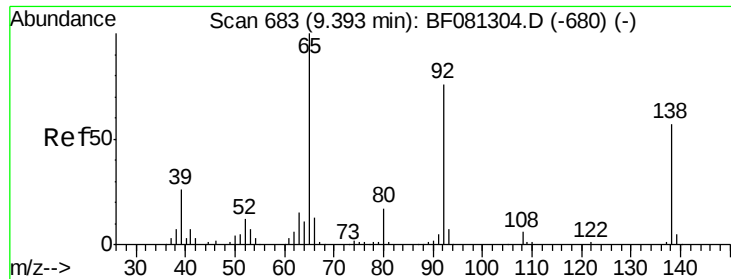
#51
 Acenaphthene
 Concen: 40.96 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:154 Resp: 249011
 Ion Ratio Lower Upper
 154 100
 153 112.9 82.1 123.1
 152 53.8 37.9 56.9



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

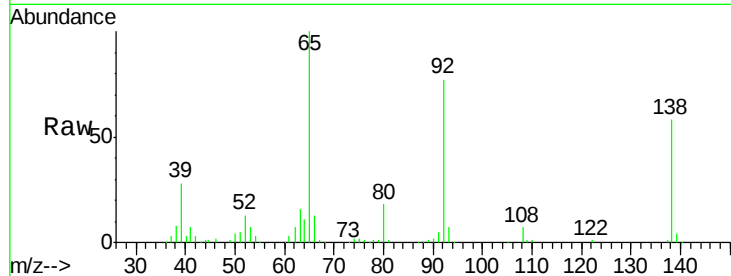




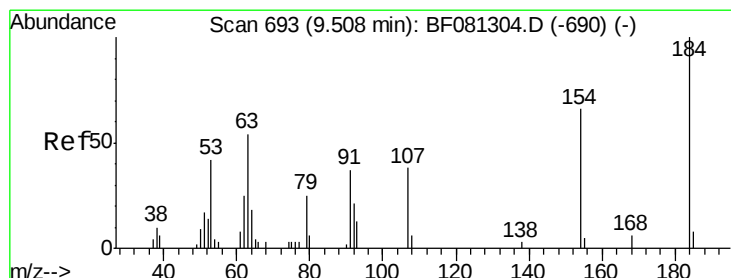
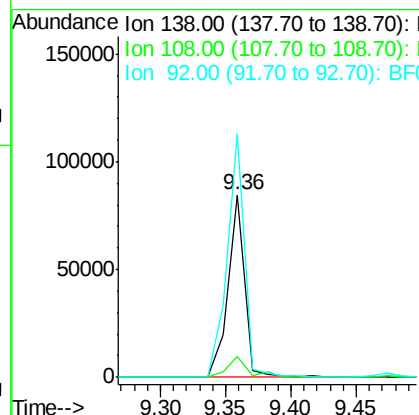
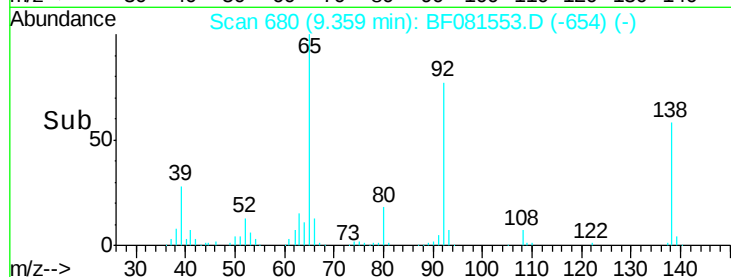
#52
 3-Nitroaniline
 Concen: 41.63 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 75773
 Ion Ratio Lower Upper
 138 100
 108 11.7 5.7 8.5#
 92 133.5 67.7 101.5#

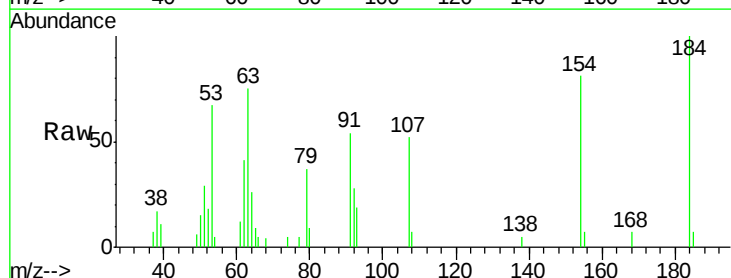


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

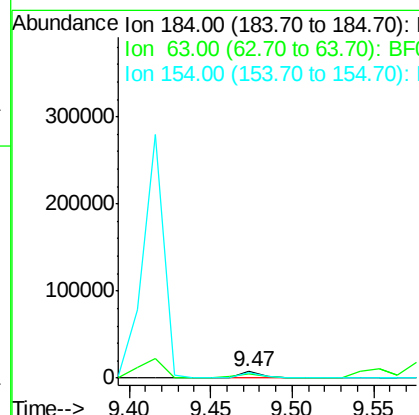
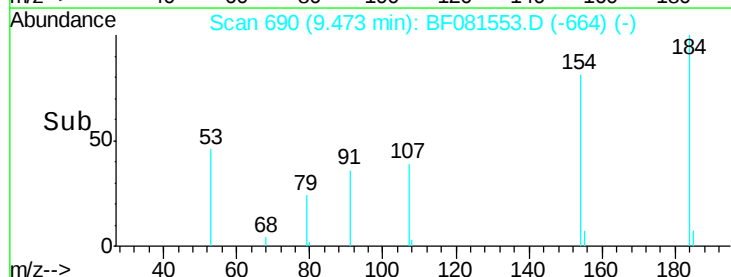


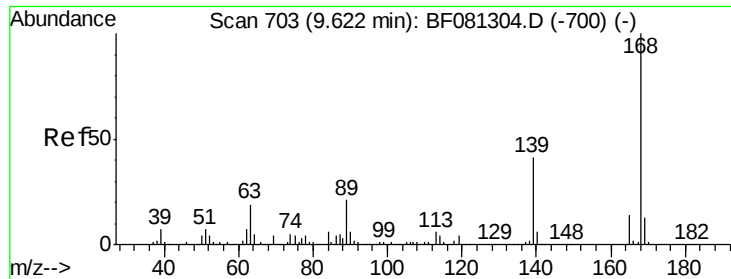
#53
 2,4-Dinitrophenol
 Concen: 11.32 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:184 Resp: 7620
 Ion Ratio Lower Upper
 184 100
 63 74.9 35.4 53.2#
 154 81.1 32.2 48.4#



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

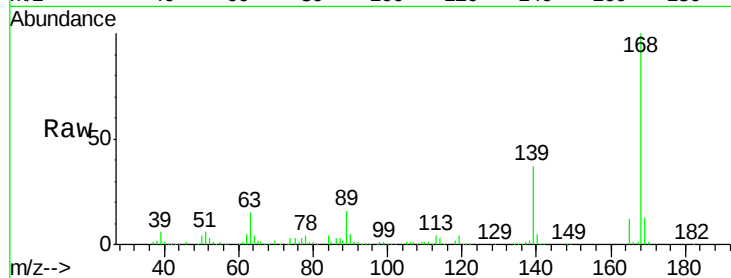




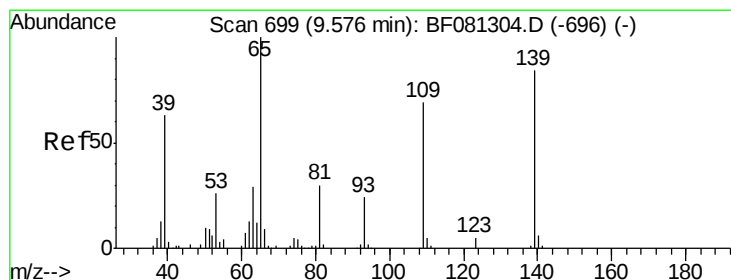
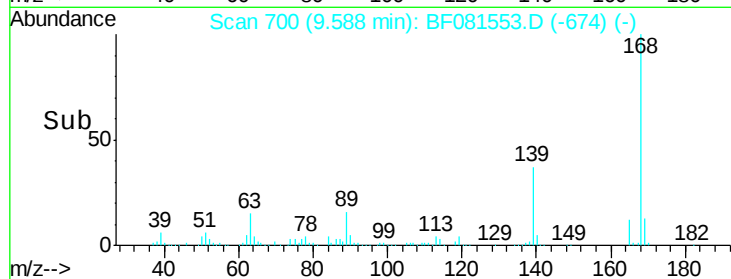
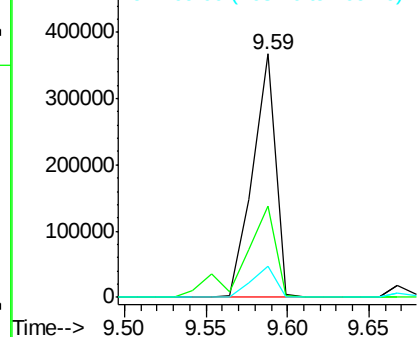
#54
Dibenzofuran
Concen: 40.27 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 357439
Ion Ratio Lower Upper
168 100
139 37.3 24.2 36.2#
169 13.0 10.6 15.8

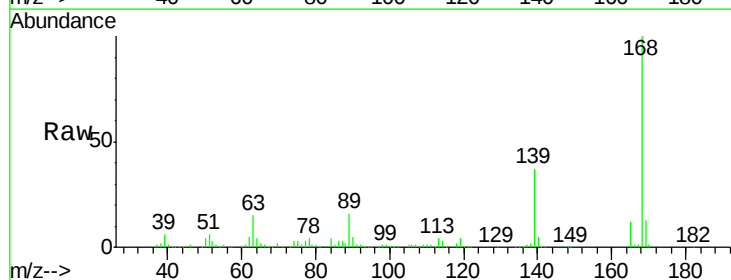


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

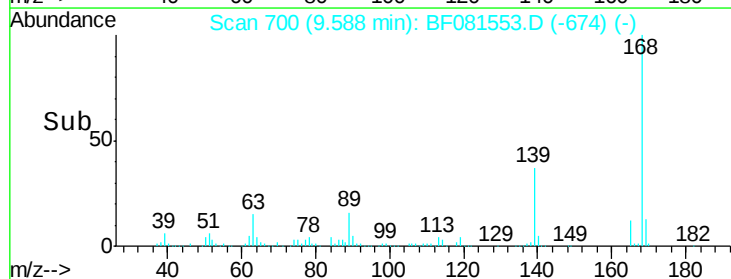
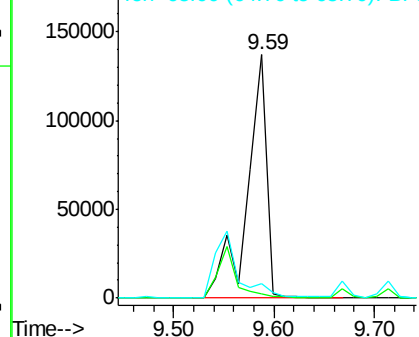


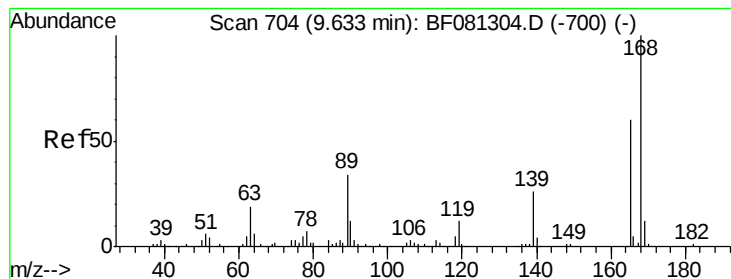
#55
4-Nitrophenol
Concen: 161.14 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:139 Resp: 184260
Ion Ratio Lower Upper
139 100
109 1.8 12.7 52.7#
65 5.7 45.9 85.9#



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





#56

2,4-Dinitrotoluene

Concen: 36.19 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 73662

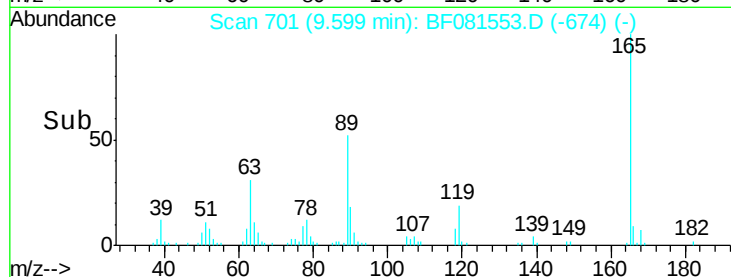
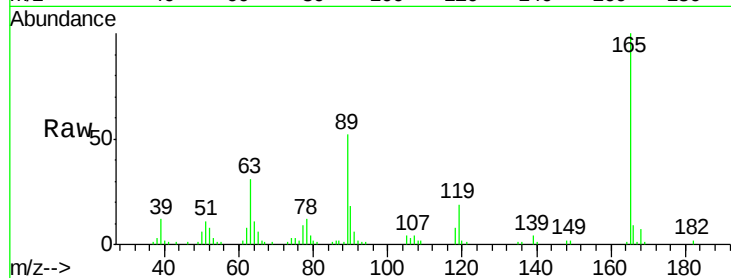
Ion Ratio Lower Upper

165 100

63 30.7 29.8 44.6

89 52.1 44.5 66.7

182 2.2 3.0 4.4#

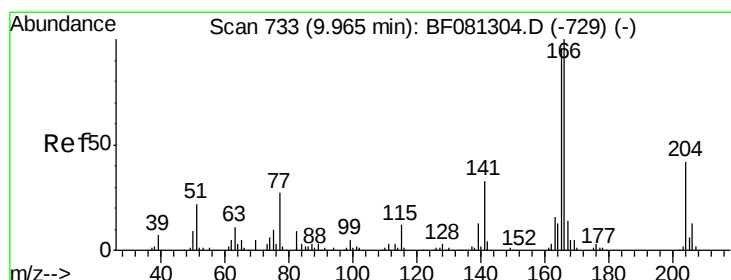
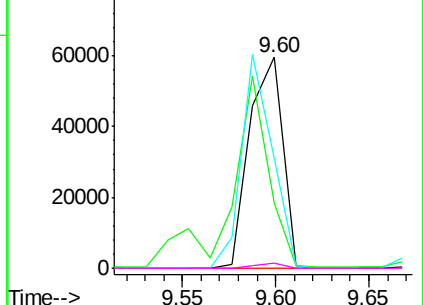


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.16 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

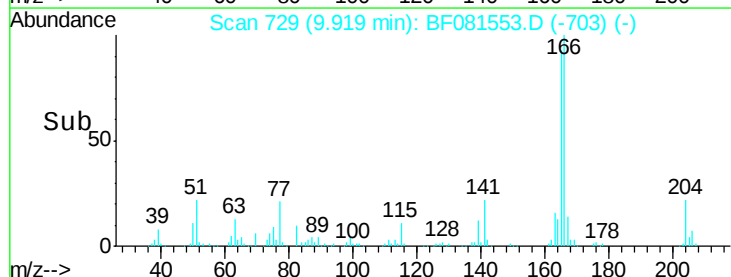
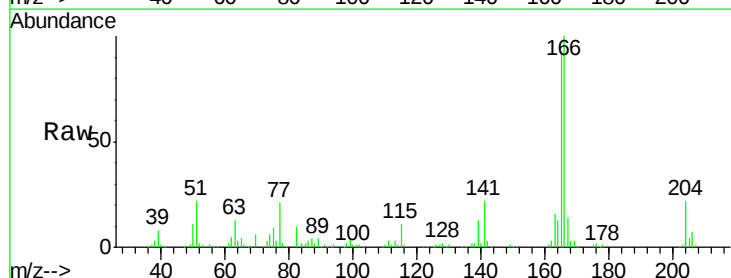
Tgt Ion:166 Resp: 243600

Ion Ratio Lower Upper

166 100

165 92.9 72.6 109.0

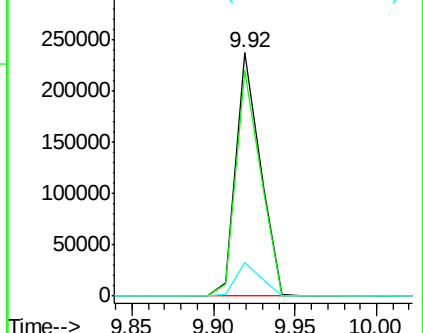
167 13.7 10.6 16.0

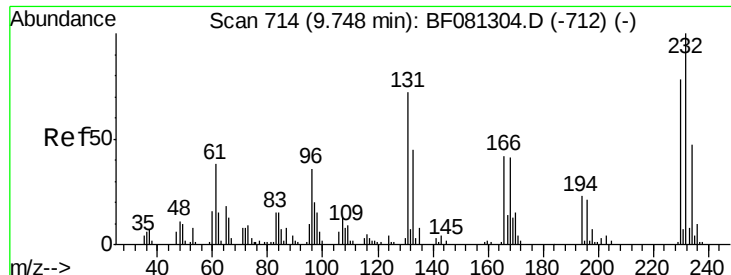


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

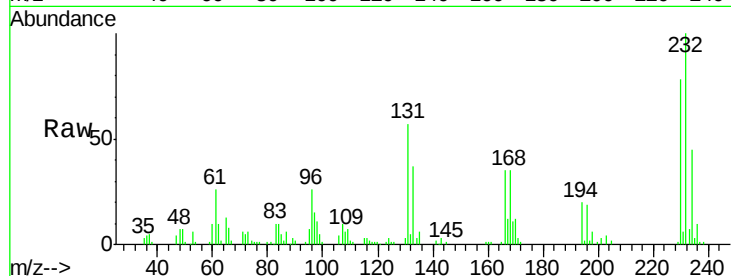




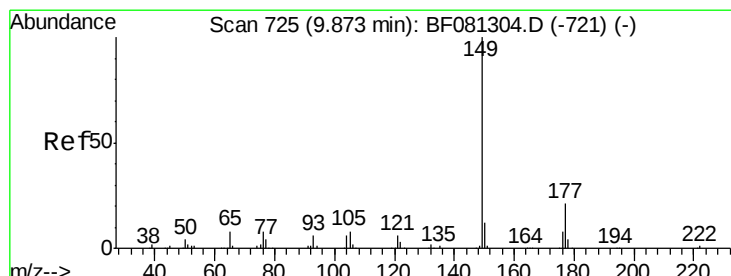
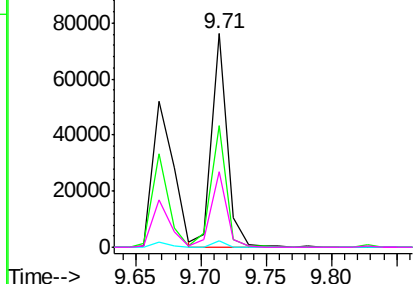
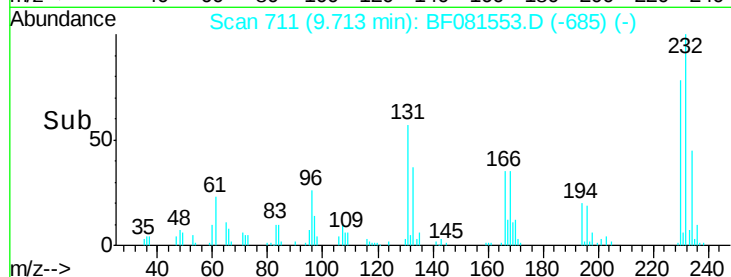
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.62 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 64148
 Ion Ratio Lower Upper
 232 100
 131 55.8 38.5 57.7
 130 2.4 1.8 2.6
 166 34.9 25.0 37.6

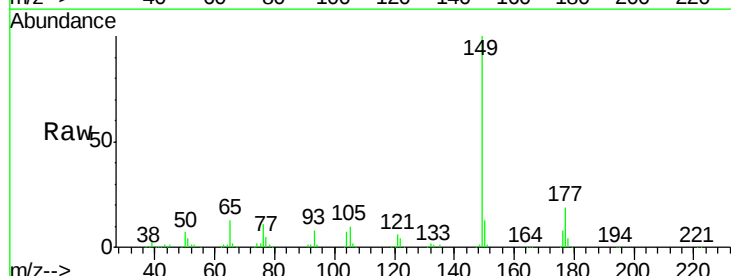


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

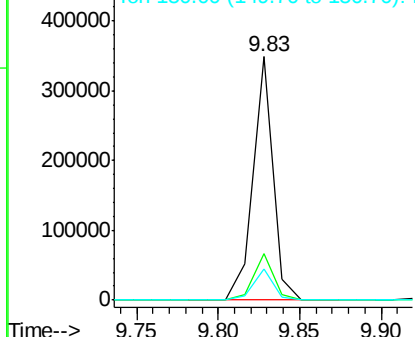
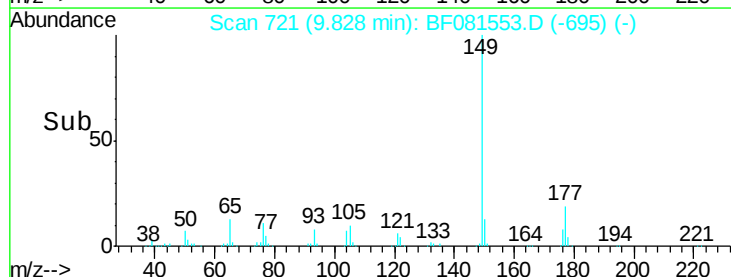


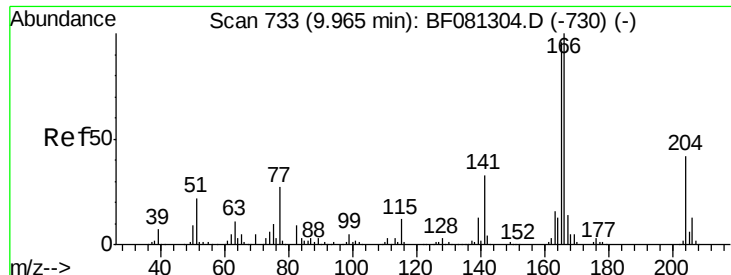
#59
 Diethylphthalate
 Concen: 39.94 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:149 Resp: 295917
 Ion Ratio Lower Upper
 149 100
 177 19.3 17.5 26.3
 150 12.9 9.4 14.2



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

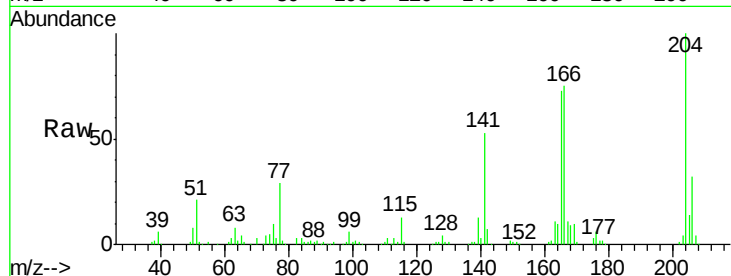




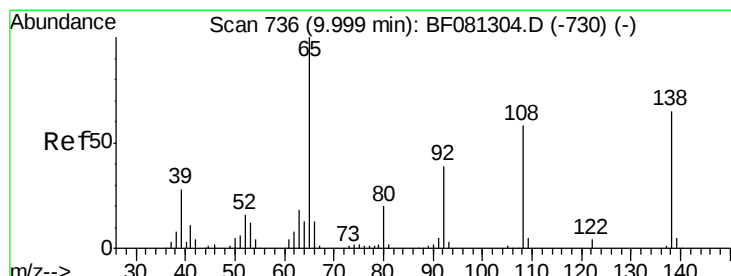
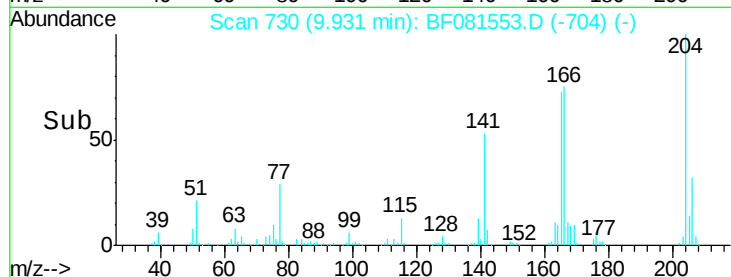
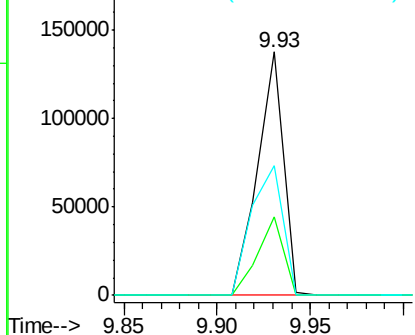
#60
4-Chlorophenyl-phenylether
Concen: 41.88 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 131474
Ion Ratio Lower Upper
204 100
206 32.2 24.8 37.2
141 53.5 42.2 63.4

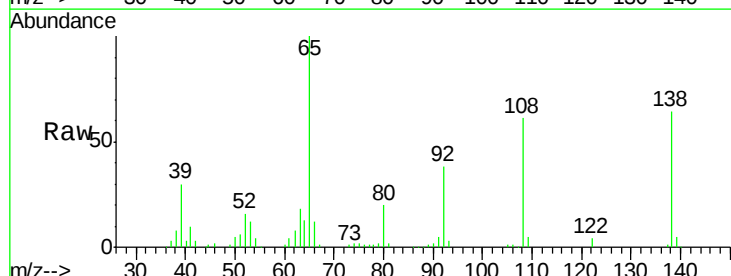


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

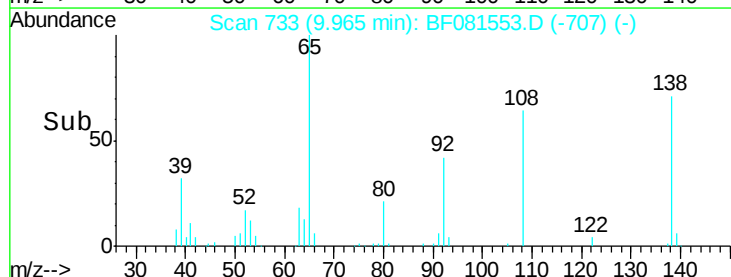
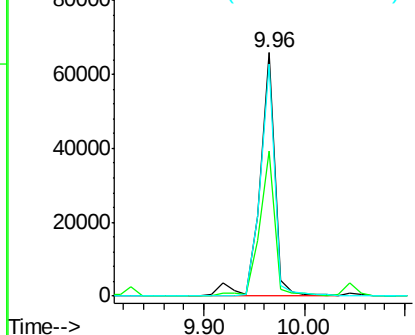


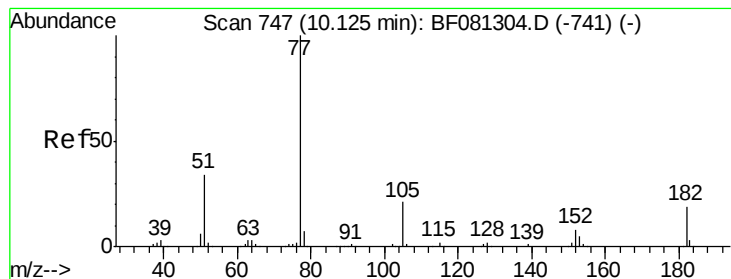
#61
4-Nitroaniline
Concen: 37.34 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:138 Resp: 68668
Ion Ratio Lower Upper
138 100
92 59.6 12.6 52.6#
108 95.5 12.4 52.4#



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





#62

Azobenzene

Concen: 35.50 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 292462

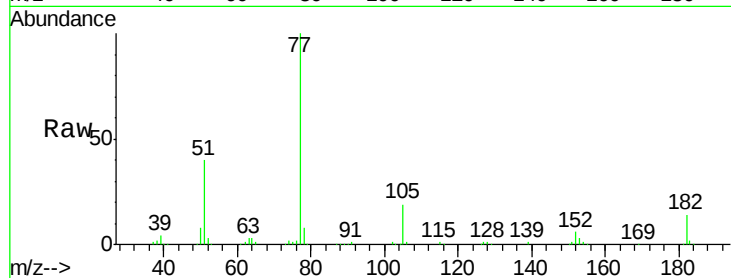
Ion Ratio Lower Upper

77 100

182 13.9 15.1 55.1#

105 19.1 3.4 43.4

51 40.1 12.0 52.0

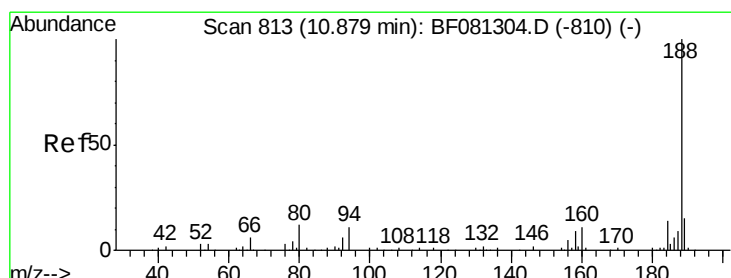
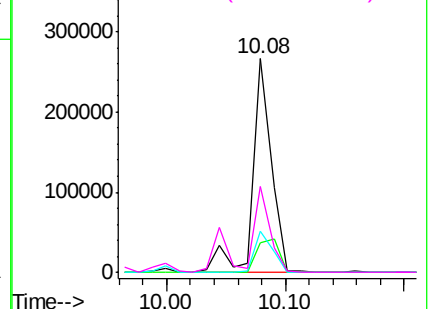
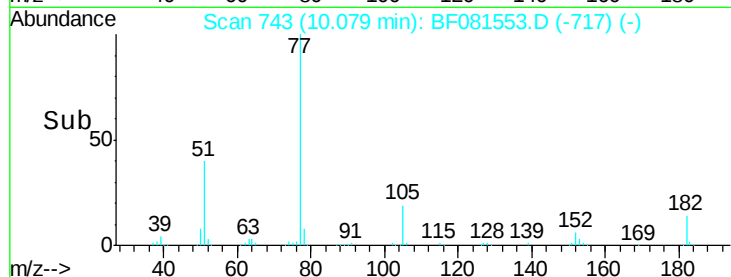


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

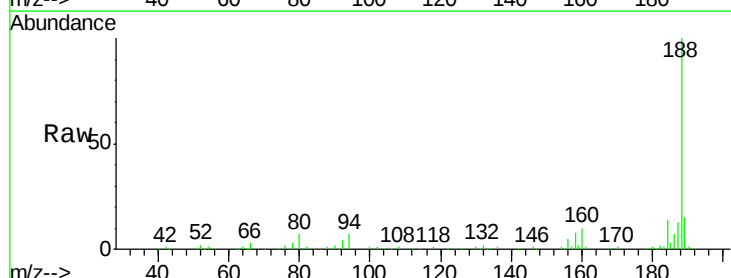
Tgt Ion: 188 Resp: 166396

Ion Ratio Lower Upper

188 100

94 6.7 11.1 16.7#

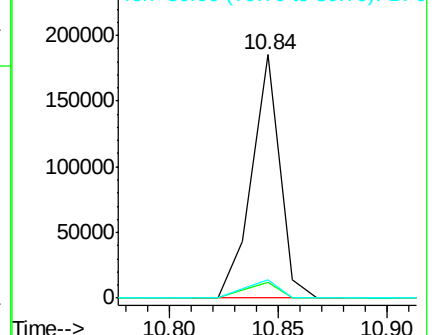
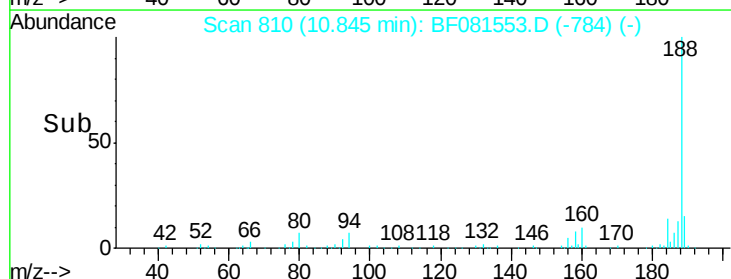
80 7.3 11.0 16.4#

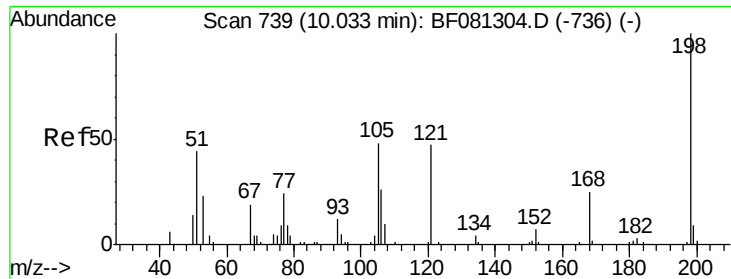


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

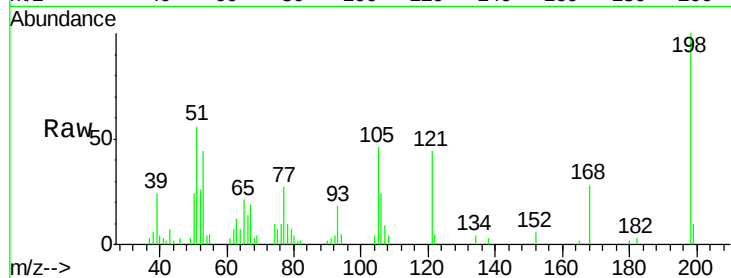




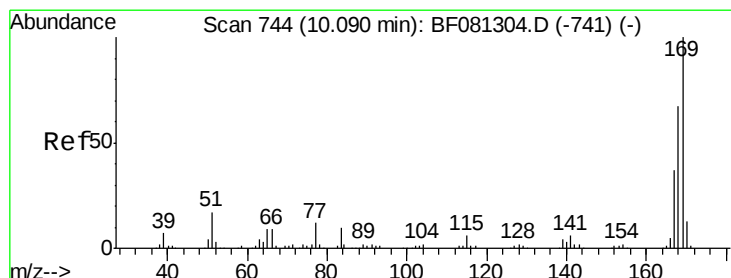
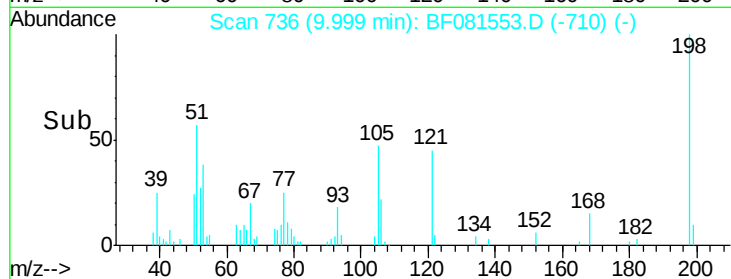
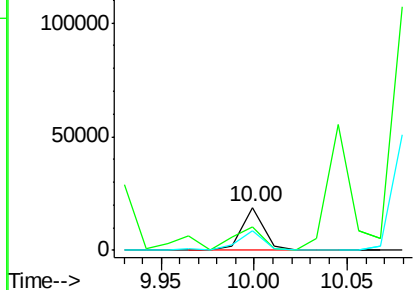
#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.64 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 15490
 Ion Ratio Lower Upper
 198 100
 51 55.9 39.6 79.6
 105 45.9 28.5 68.5

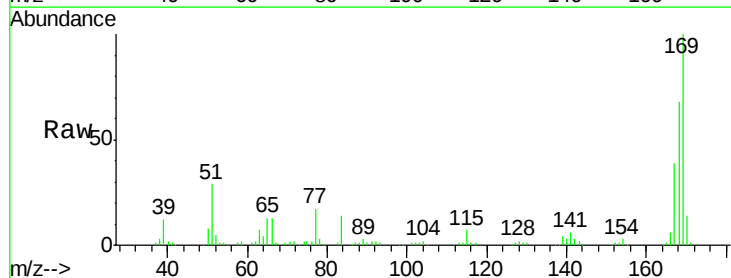


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

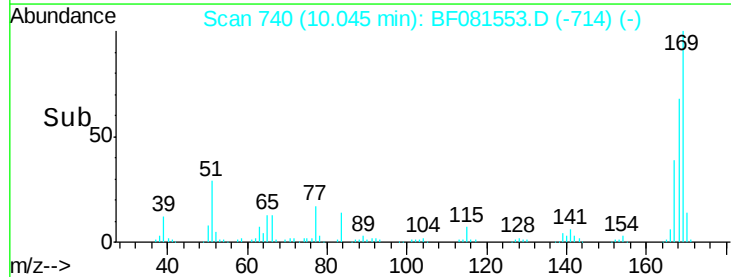
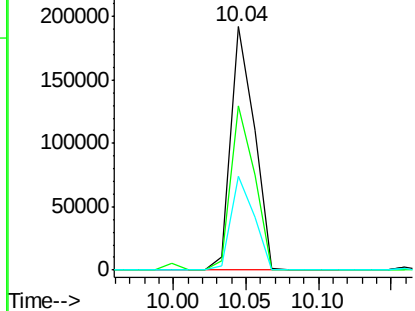


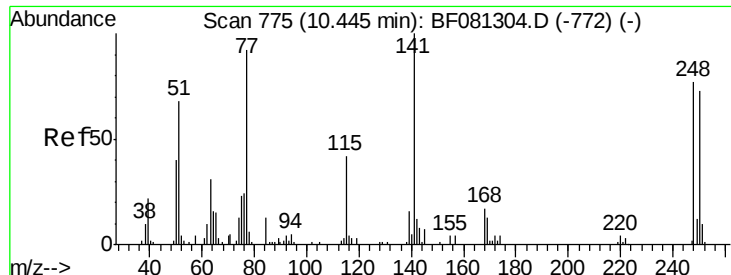
#65
 n-Nitrosodiphenylamine
 Concen: 35.60 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:169 Resp: 215552
 Ion Ratio Lower Upper
 169 100
 168 67.7 48.9 73.3
 167 38.7 26.2 39.4



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

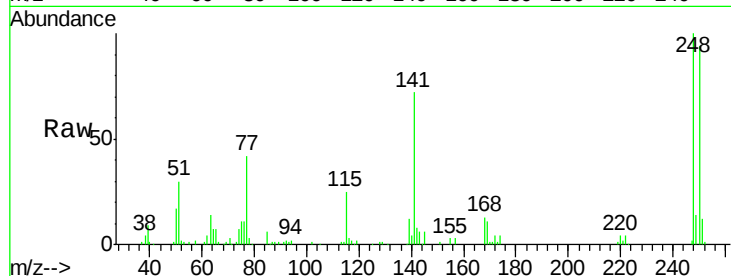




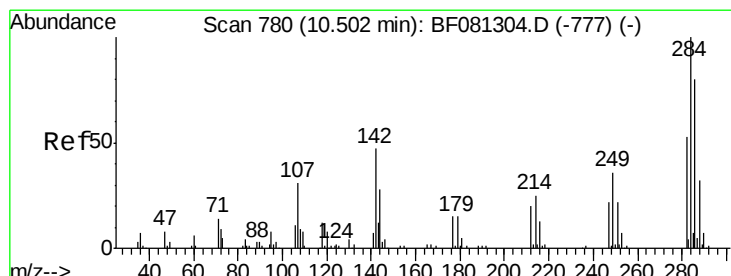
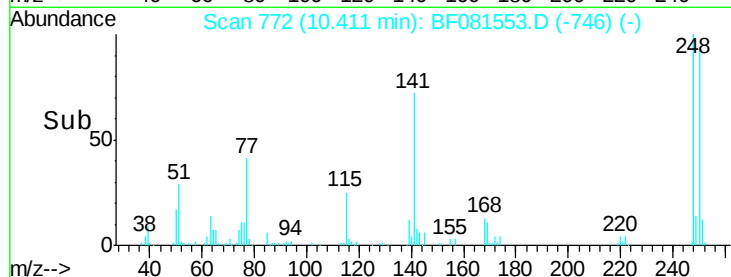
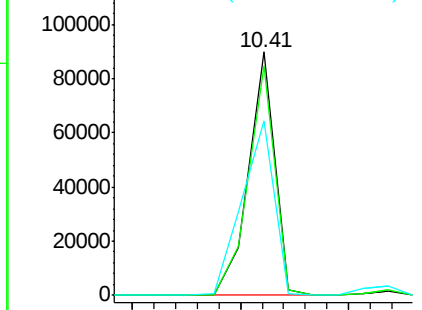
#66
 4-Bromophenyl-phenylether
 Concen: 44.75 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 75296
 Ion Ratio Lower Upper
 248 100
 250 94.0 78.5 117.7
 141 71.8 59.0 88.6

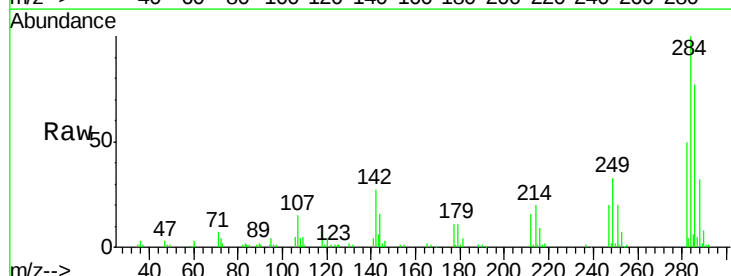


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

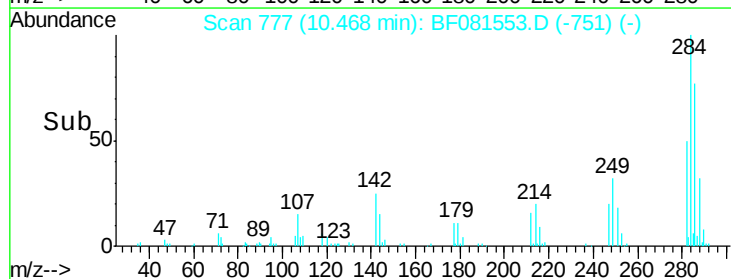
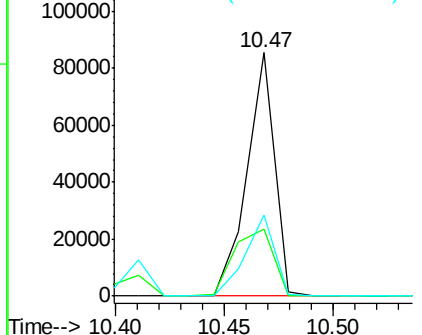


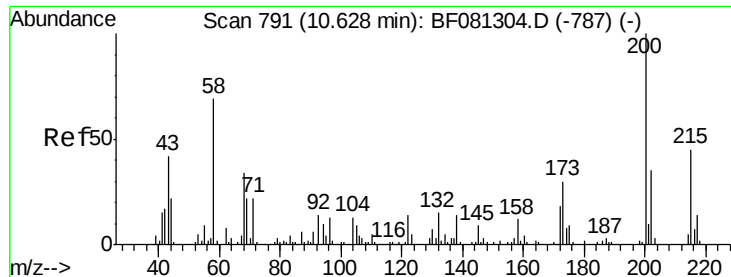
#67
 Hexachlorobenzene
 Concen: 42.76 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:284 Resp: 75227
 Ion Ratio Lower Upper
 284 100
 142 27.3 29.5 44.3#
 249 33.2 19.5 29.3#



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

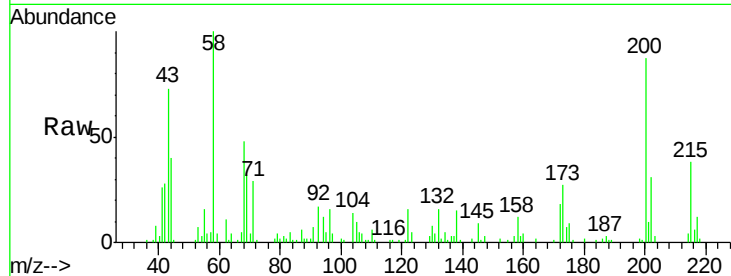




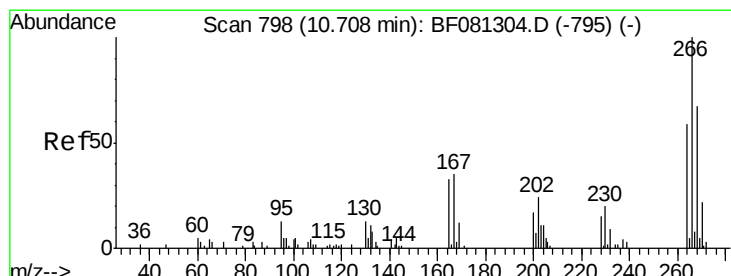
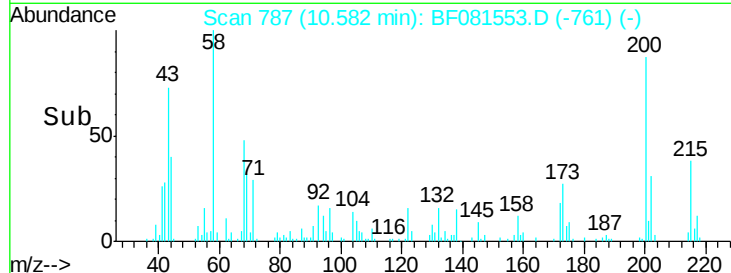
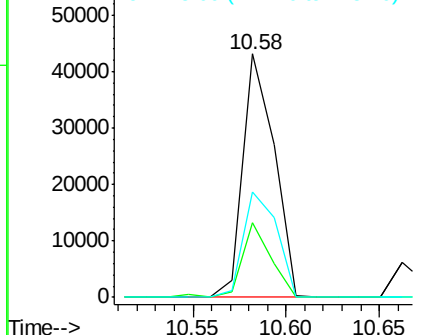
#68
Atrazine
Concen: 28.80 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 50457
Ion Ratio Lower Upper
200 100
173 30.5 13.2 53.2
215 43.4 41.8 81.8

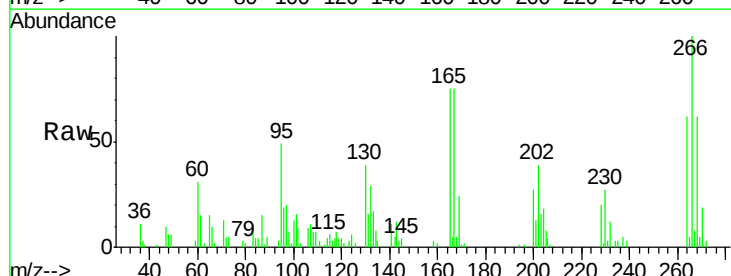


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

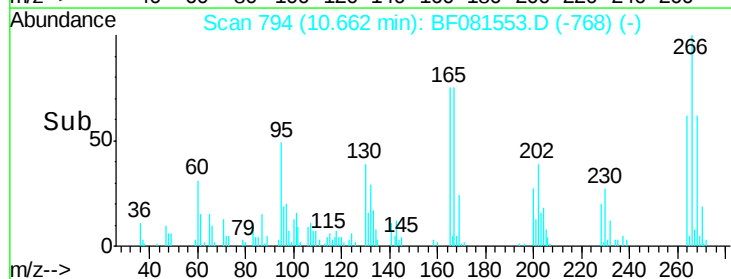
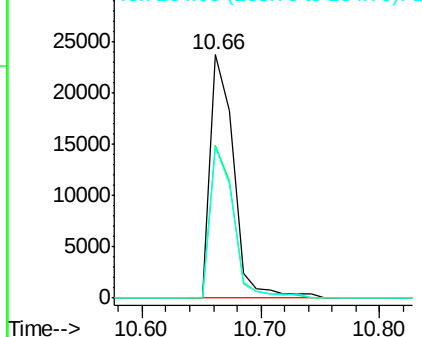


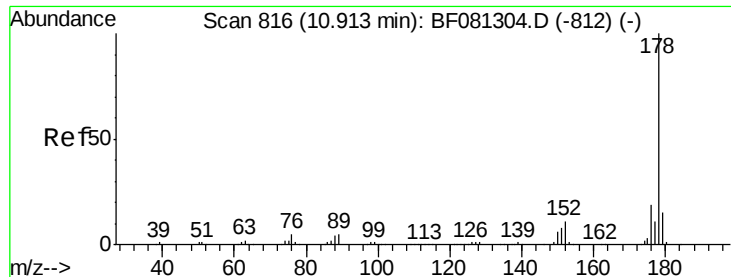
#69
Pentachlorophenol
Concen: 42.48 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:266 Resp: 32434
Ion Ratio Lower Upper
266 100
268 62.5 49.8 74.6
264 62.0 50.2 75.2



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

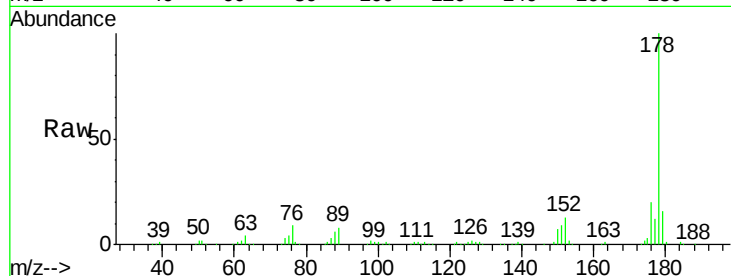




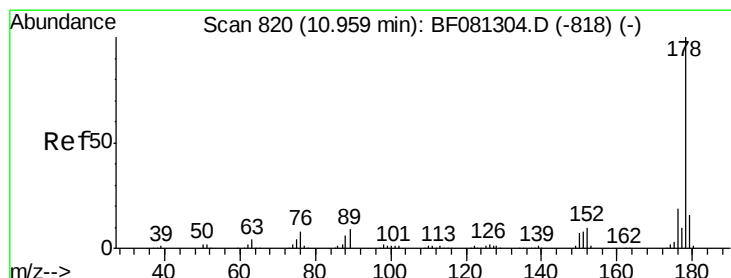
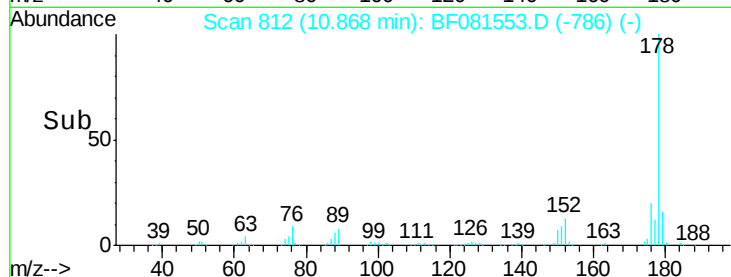
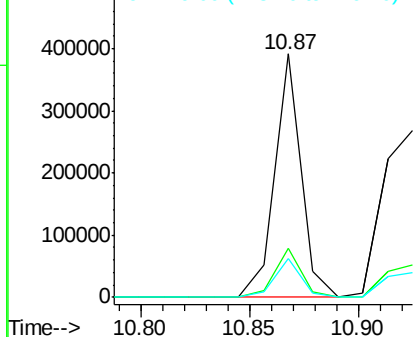
#70
Phenanthrene
Concen: 36.08 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 333761
Ion Ratio Lower Upper
178 100
176 20.1 13.8 20.8
179 15.8 12.2 18.2

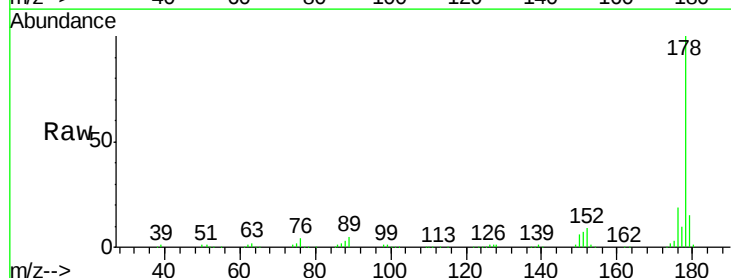


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

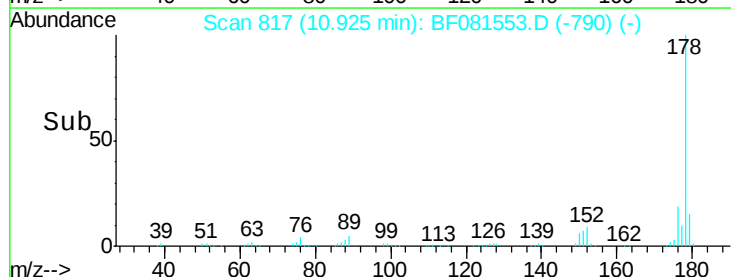
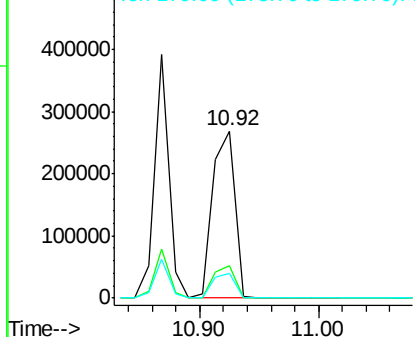


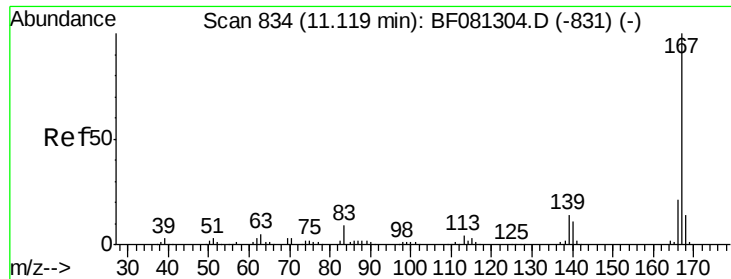
#71
Anthracene
Concen: 36.37 ng
RT: 10.92 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:178 Resp: 345676
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 15.1 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

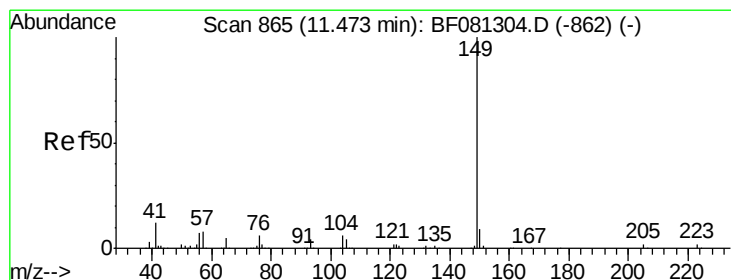
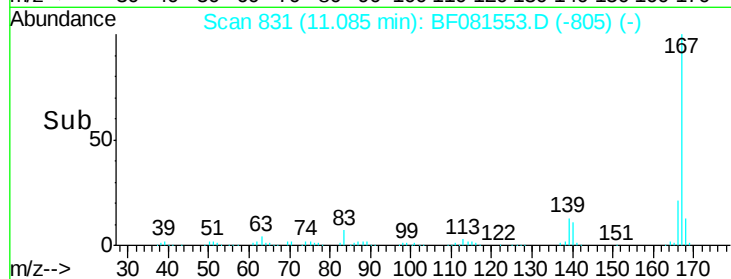
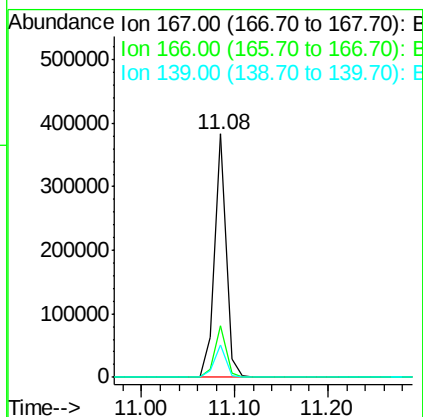
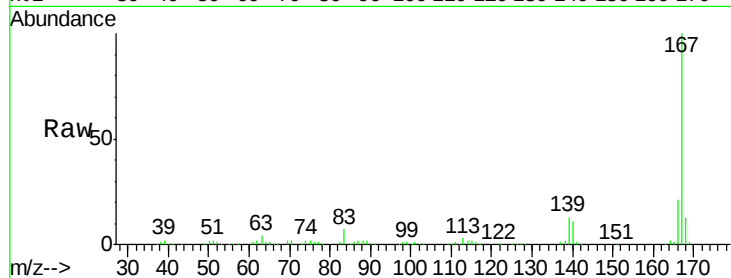




#72
 Carbazole
 Concen: 37.14 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

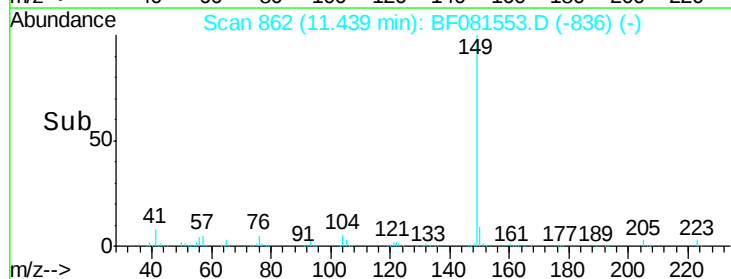
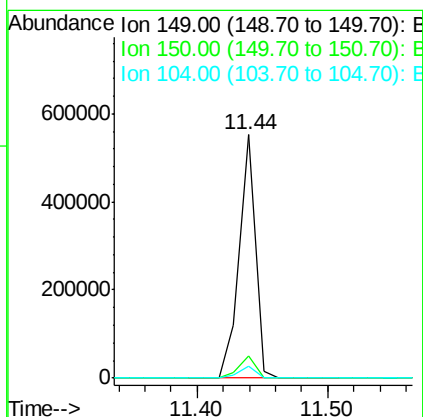
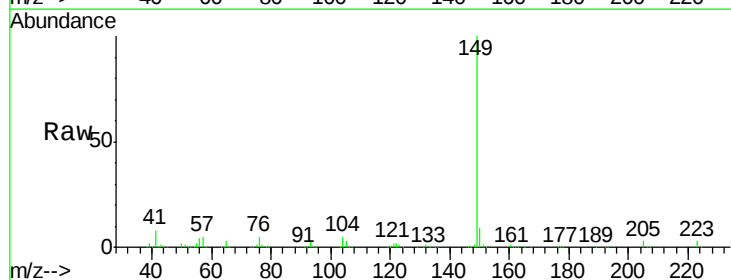
Instrument :
 BNA_F
 ClientSampled :

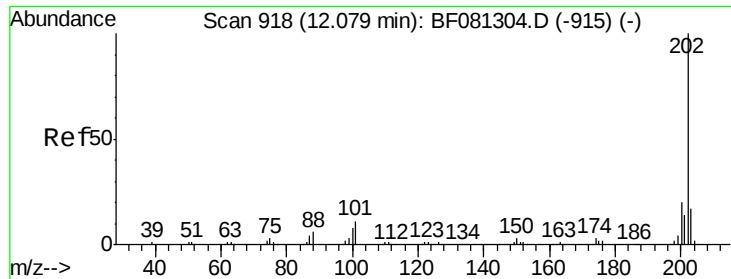
Tot Ion:167 Resp: 331248
 Ion Ratio Lower Upper
 167 100
 166 21.1 15.7 23.5
 139 13.4 9.5 14.3



#73
 Di-n-butylphthalate
 Concen: 44.87 ng
 RT: 11.44 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:149 Resp: 472523
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.0 2.4 3.6#

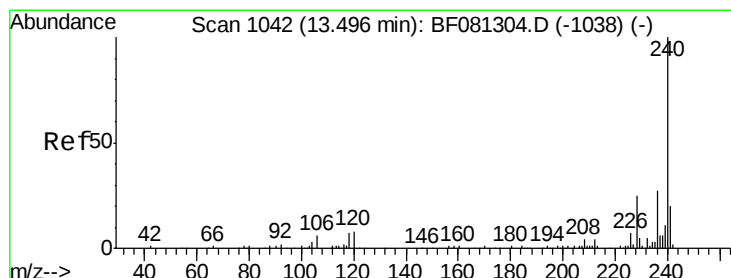
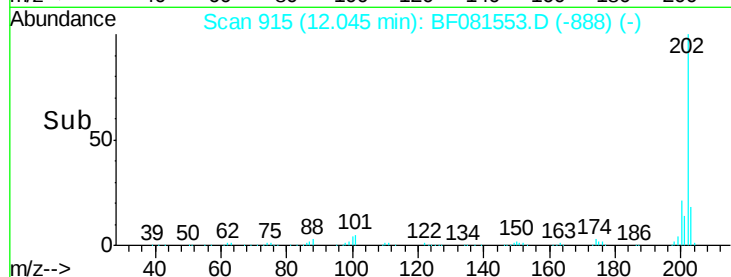
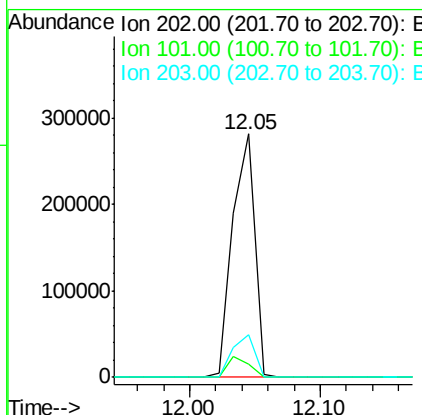
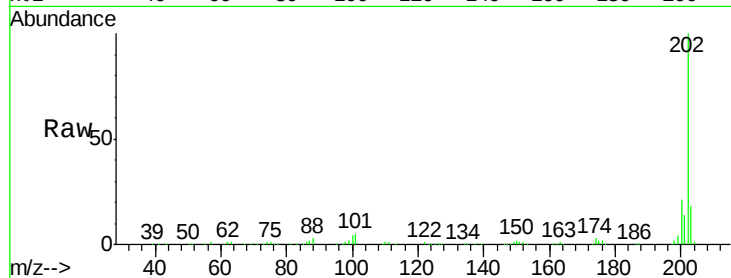




#74
 Fluoranthene
 Concen: 33.05 ng
 RT: 12.05 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

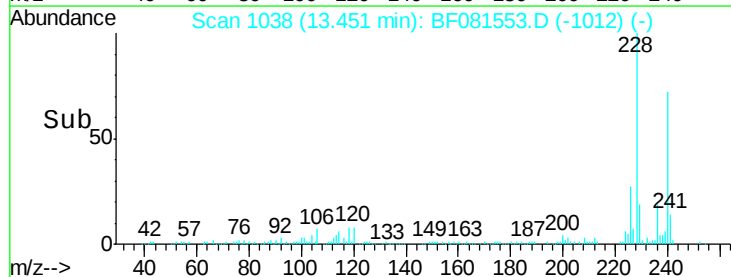
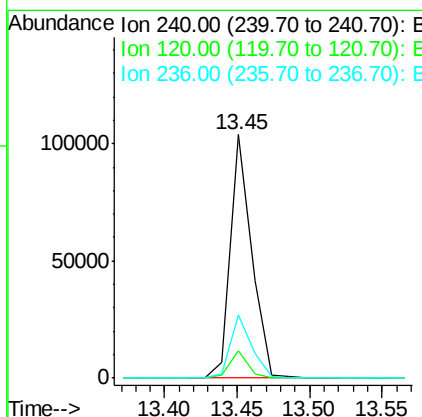
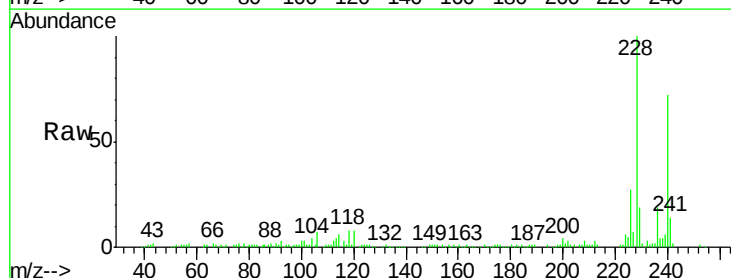
Instrument :
 BNA_F
 ClientSampleId :

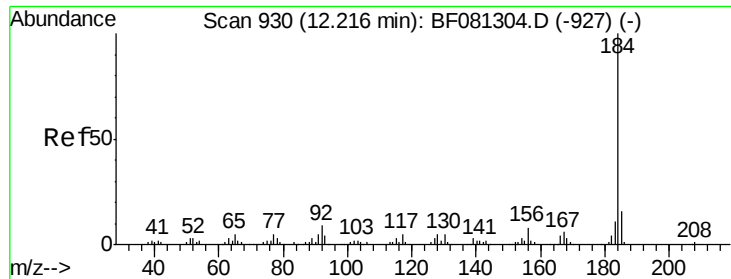
Tot Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	38.3
203	17.6	0.0	37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	16.2	24.2#
236	25.9	18.4	27.6

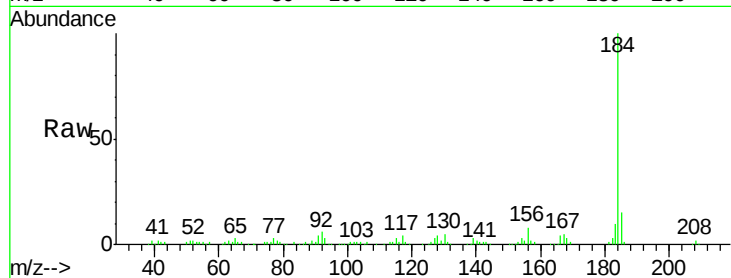




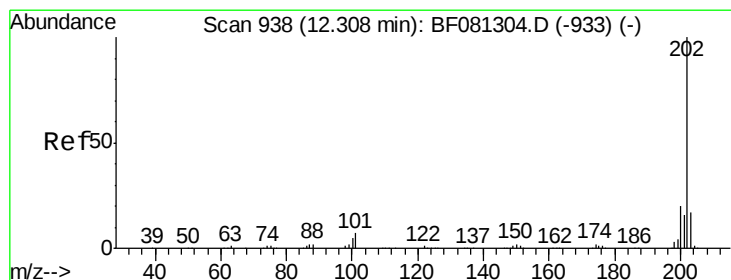
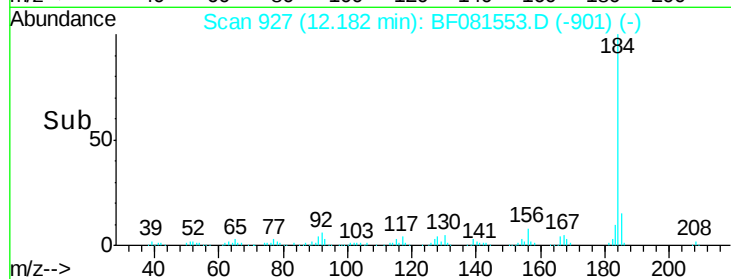
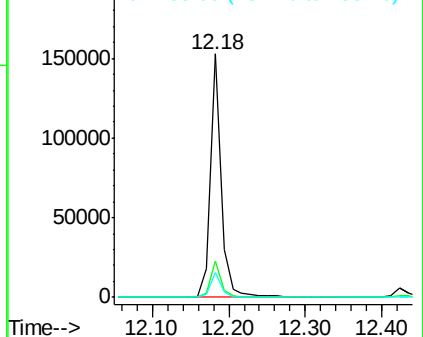
#76
Benzidine
Concen: 32.40 ng
RT: 12.18 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 147541
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 10.2 7.6 11.4

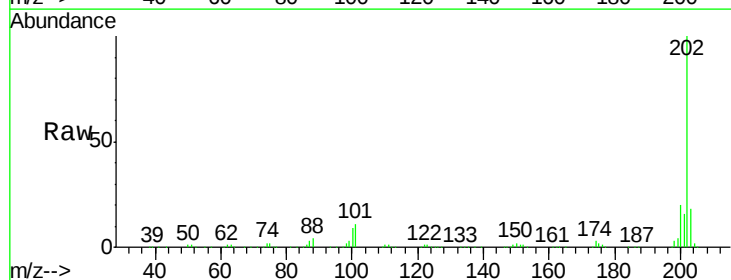


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

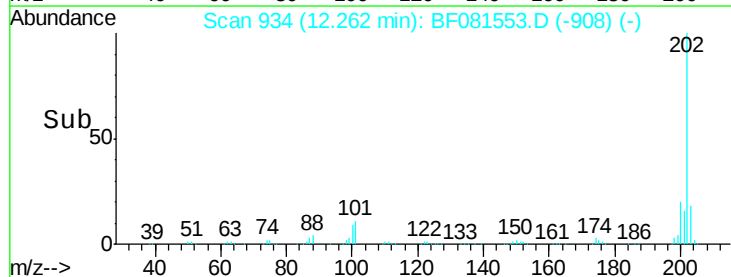
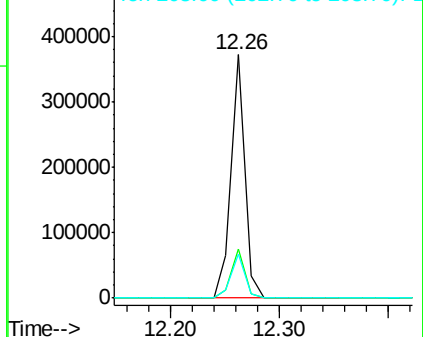


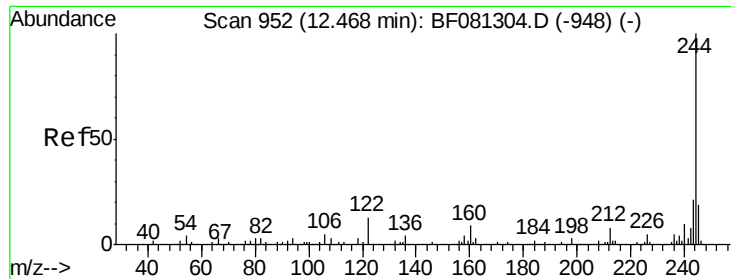
#77
Pyrene
Concen: 41.50 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:202 Resp: 326155
Ion Ratio Lower Upper
202 100
200 20.4 15.0 22.4
203 18.2 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

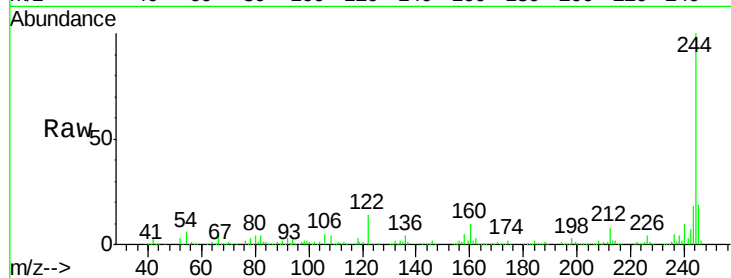




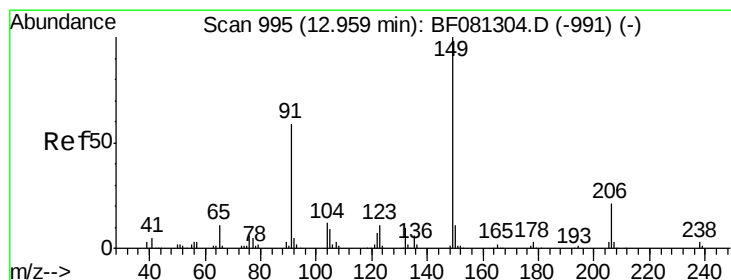
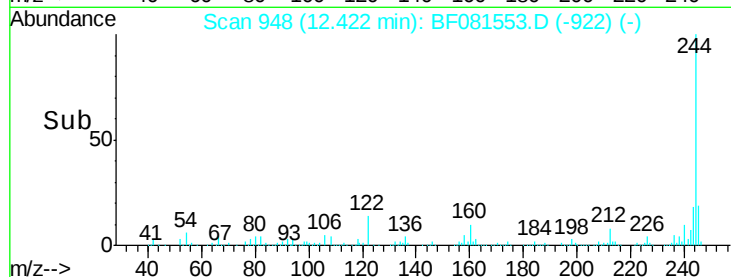
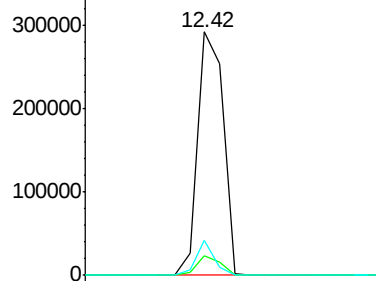
#78
 Terphenyl-d14
 Concen: 86.82 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 395676
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 14.4 17.4 26.2#

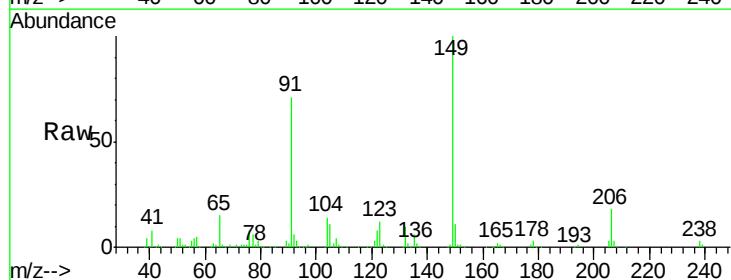


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

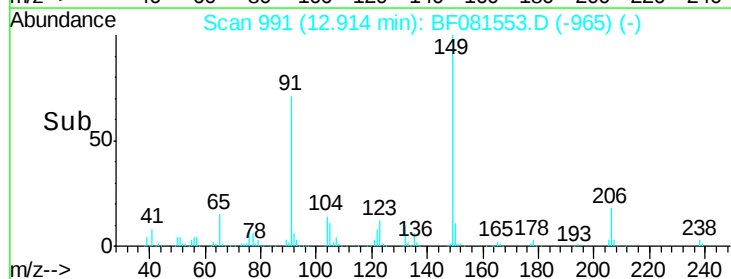
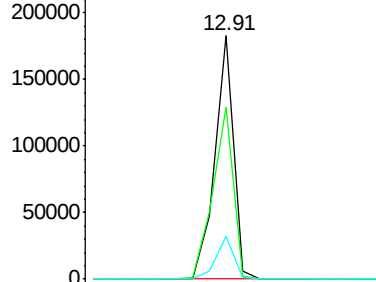


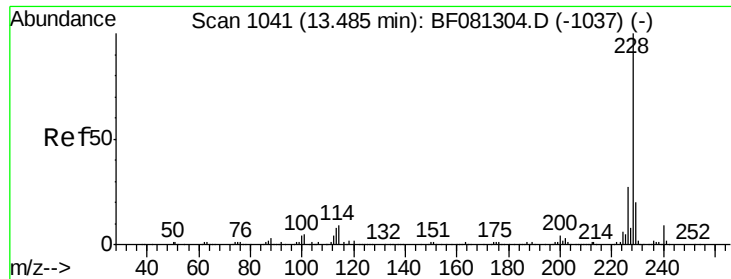
#79
 Butylbenzylphthalate
 Concen: 47.75 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:149 Resp: 163179
 Ion Ratio Lower Upper
 149 100
 91 70.5 48.6 72.8
 206 17.5 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.59 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

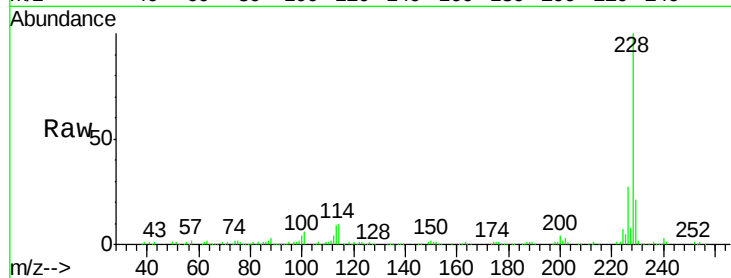
Tot Ion:228 Resp: 267457

Ion Ratio Lower Upper

228 100

226 27.1 20.0 30.0

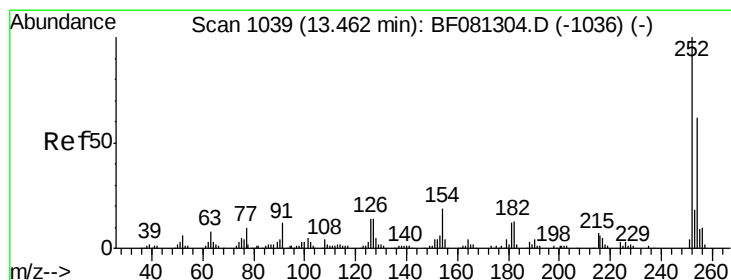
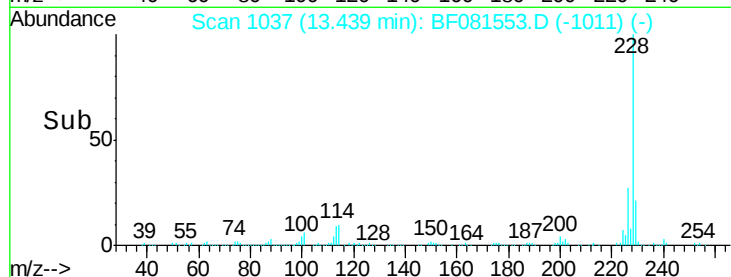
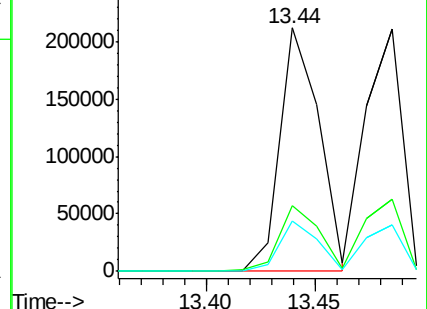
229 20.8 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 41.85 ng

RT: 13.43 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

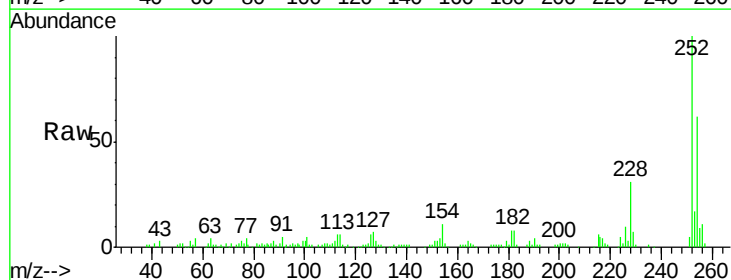
Tgt Ion:252 Resp: 95372

Ion Ratio Lower Upper

252 100

254 62.4 51.4 77.2

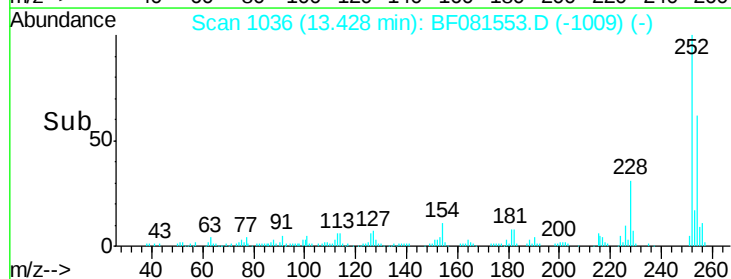
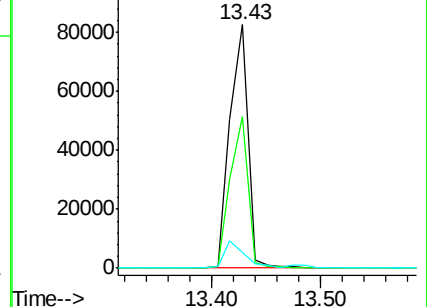
126 6.4 16.4 24.6#

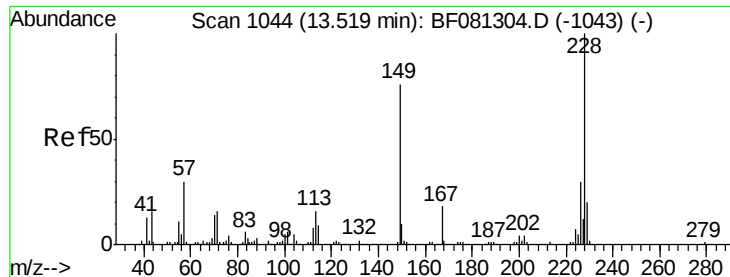


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

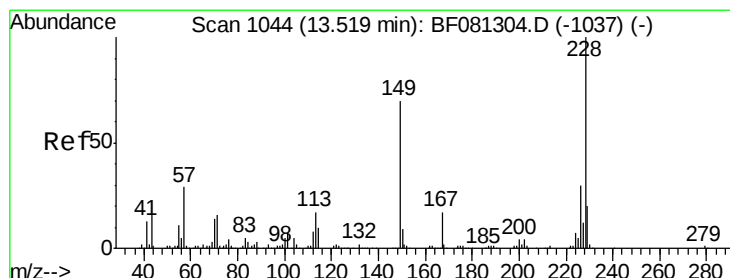
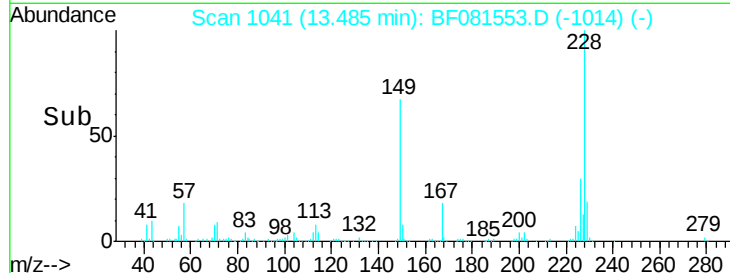
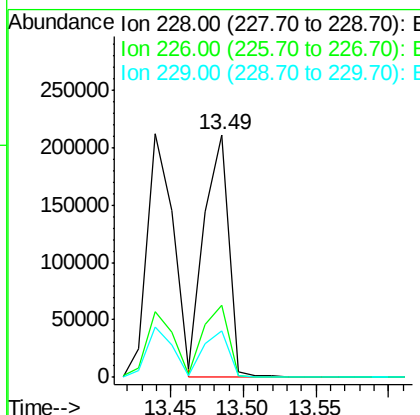
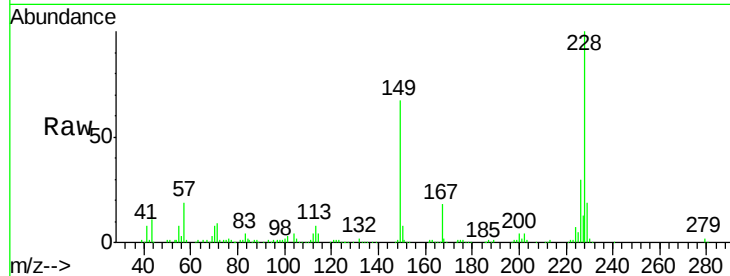




#82
 Chrysene
 Concen: 41.09 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

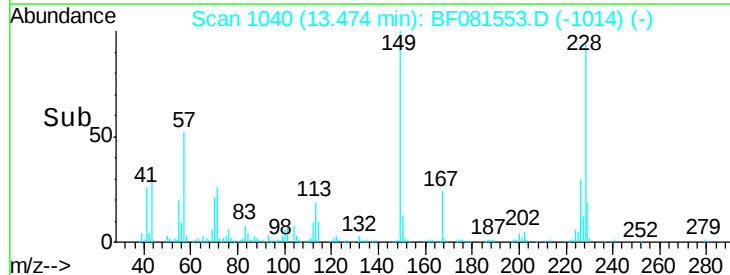
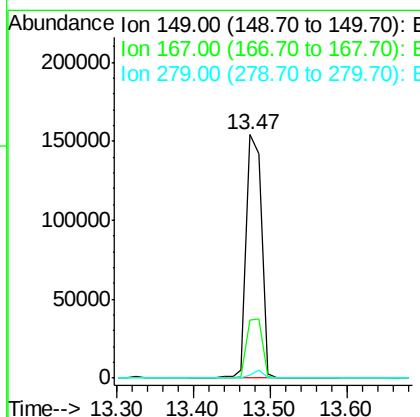
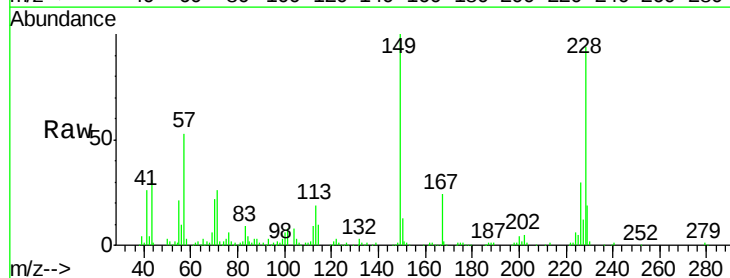
Instrument :
 BNA_F
 ClientSampleId :

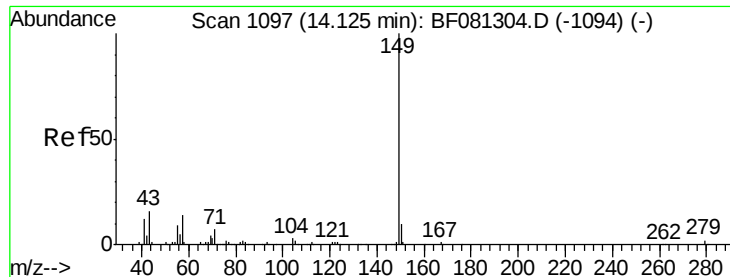
Tot Ion:228 Resp: 248867
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.0 31.4
 229 19.0 15.6 23.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.07 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081553.D
 Acq: 9 Sep 2015 8:48

Tgt Ion:149 Resp: 212317
 Ion Ratio Lower Upper
 149 100
 167 23.8 24.2 36.2#
 279 1.3 3.8 5.6#





#84

Di-n-octyl phthalate

Concen: 44.87 ng

RT: 14.09 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampleId :

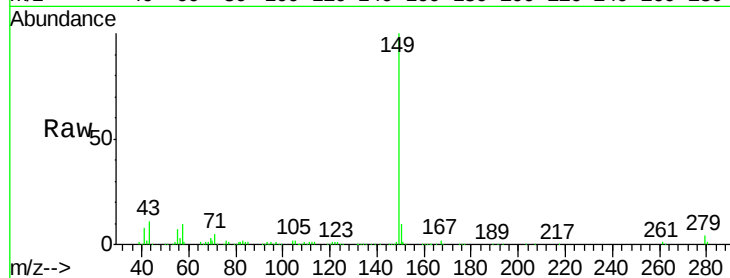
Tot Ion:149 Resp: 333261

Ion Ratio Lower Upper

149 100

167 1.7 1.0 1.6#

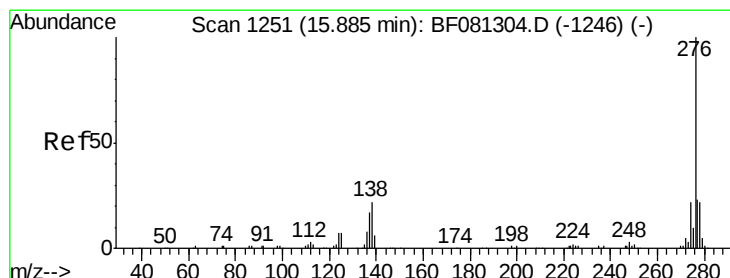
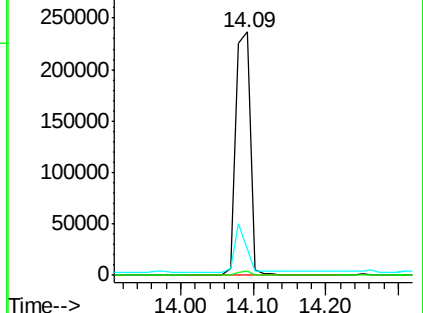
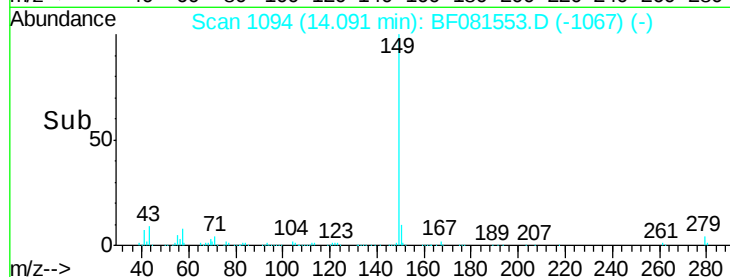
43 16.8 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.48 ng

RT: 15.84 min Scan# 1247

Delta R.T. 0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

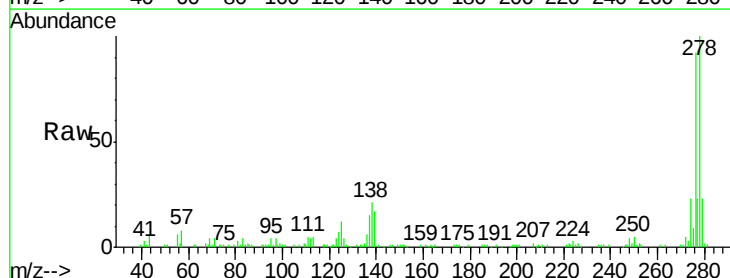
Tgt Ion:276 Resp: 162085

Ion Ratio Lower Upper

276 100

138 22.8 25.7 38.5#

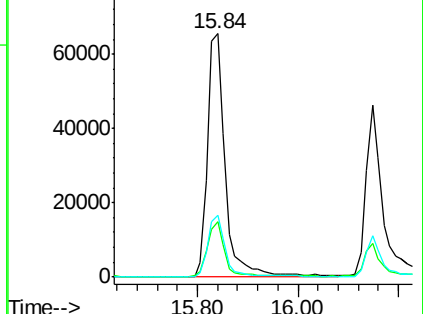
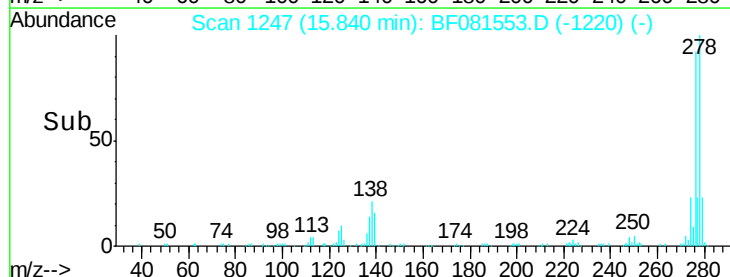
277 25.1 15.6 23.4#

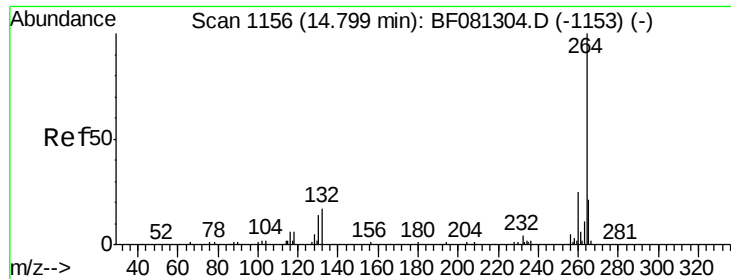


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

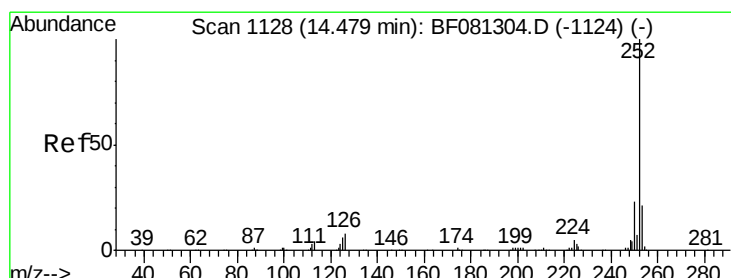
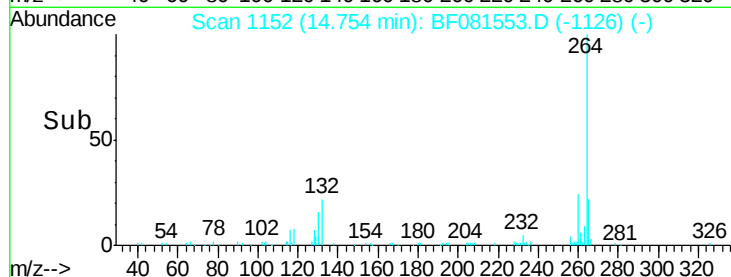
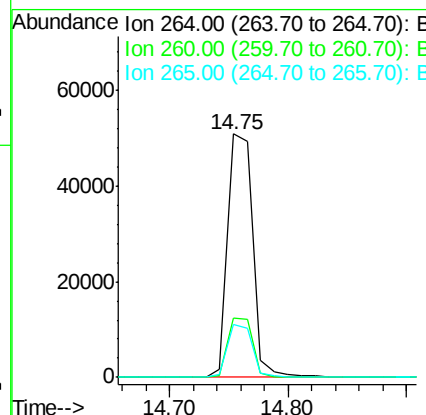
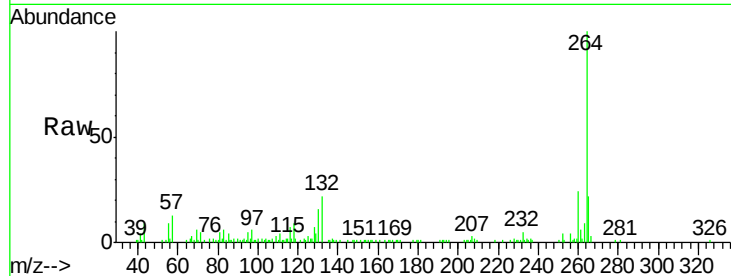




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

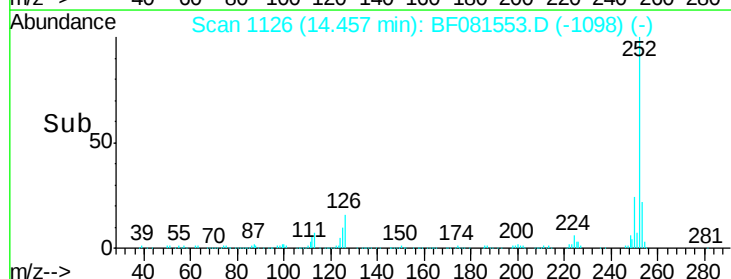
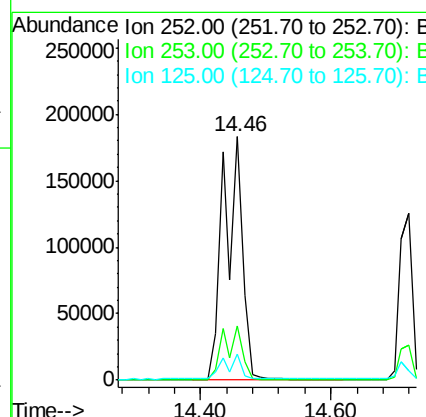
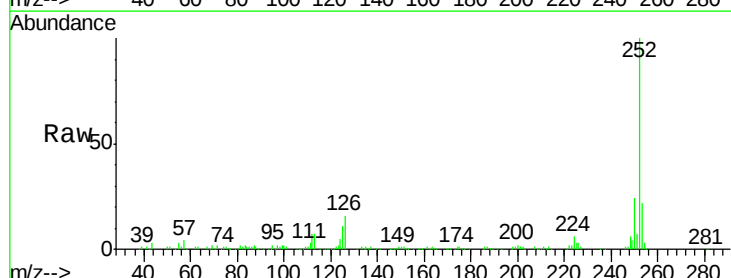
Instrument :
BNA_F
ClientSampleId :

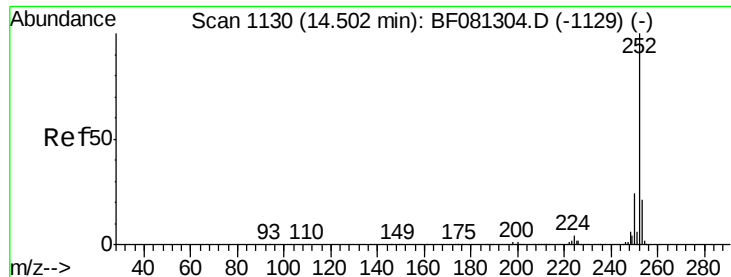
Tot Ion:264 Resp: 74110
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 70.41 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:252 Resp: 372529
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.5 17.1 25.7#





#88

Benzo(k)fluoranthene

Concen: 84.85 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

Instrument :

BNA_F

ClientSampled :

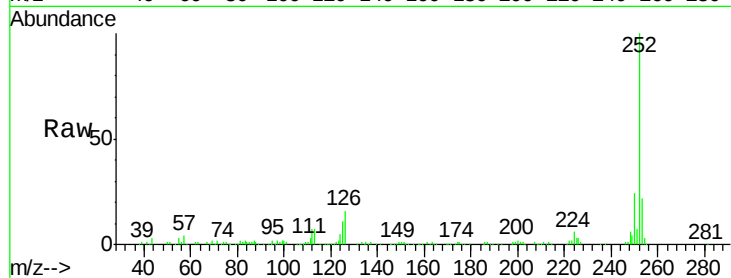
Tot Ion:252 Resp: 372529

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

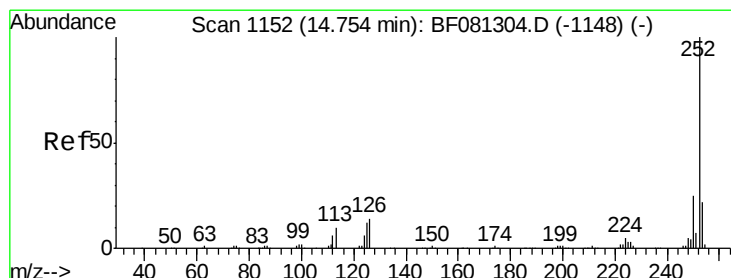
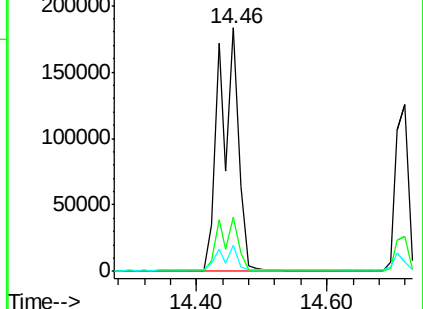
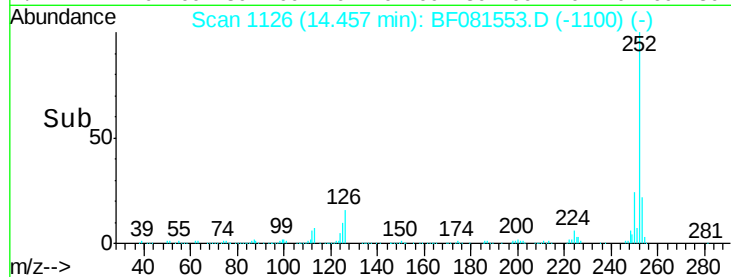
125 10.5 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 39.59 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF081553.D

Acq: 9 Sep 2015 8:48

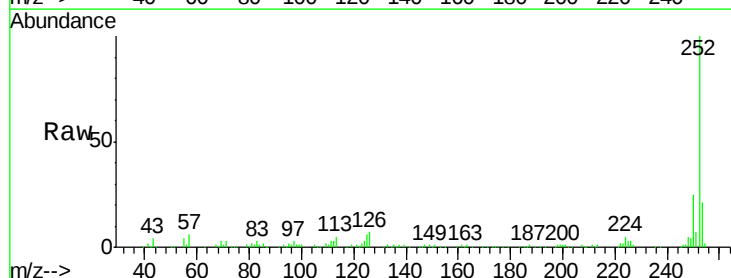
Tgt Ion:252 Resp: 177522

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

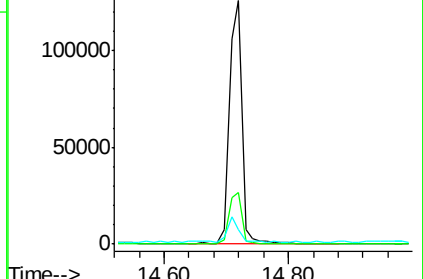
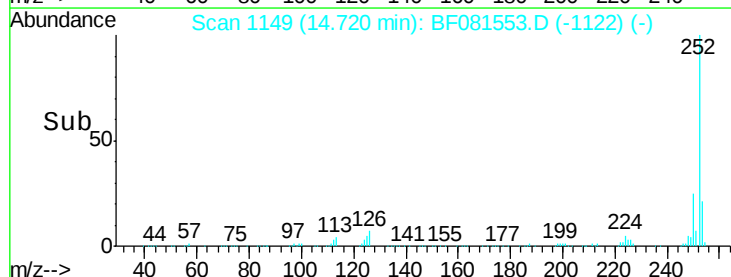
125 5.7 18.0 27.0#

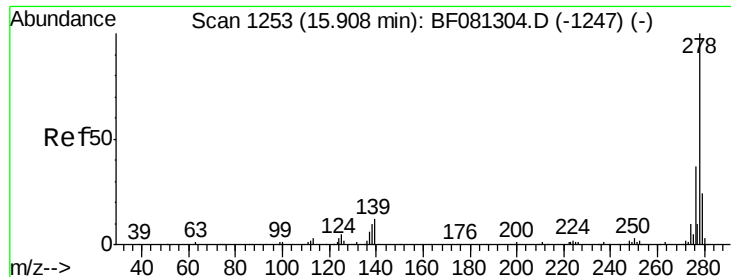


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



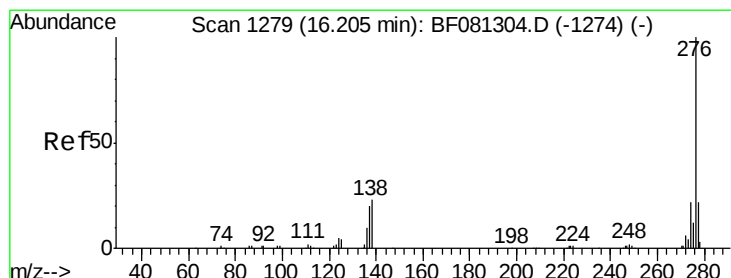
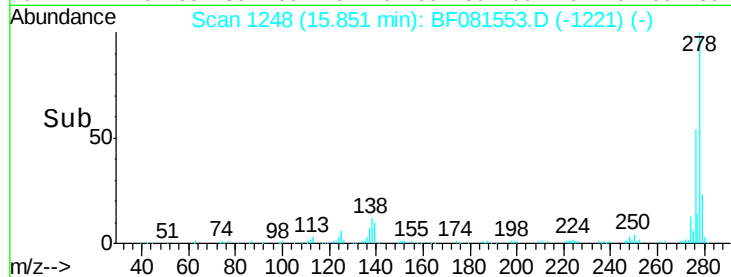
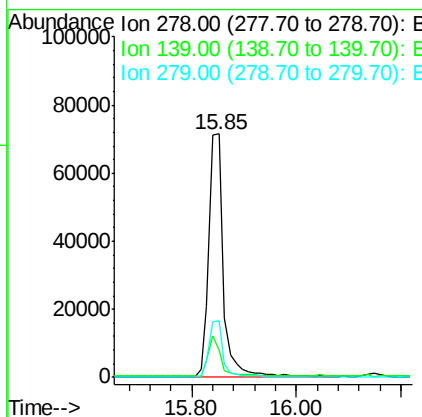
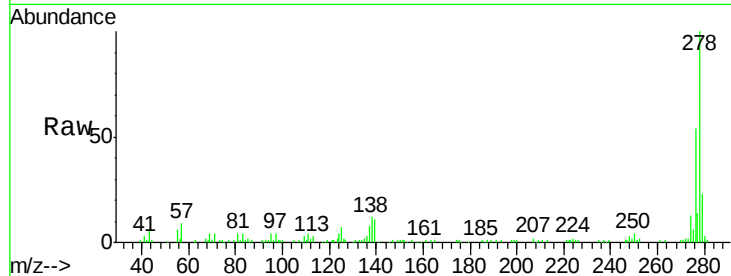


#90
Dibenzo(a,h)anthracene
Concen: 40.86 ng
RT: 15.85 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 141549

Ion	Ratio	Lower	Upper
278	100		
139	11.0	26.3	39.5#
279	23.1	18.2	27.4



#91
Benzo(g,h,i)perylene
Concen: 34.30 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF081553.D
Acq: 9 Sep 2015 8:48

Tgt Ion:276 Resp: 113418

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.8	26.6
138	19.3	34.6	51.8#

