

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081309.D
 Acq On : 1 Sep 2015 17:58
 Operator : UM/IZ
 Sample : PB85287BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 00:49:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	55937	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	217299	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	96994	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	198529	20.00	ng	0.01
75) Chrysene-d12	13.50	240	174826	20.00	ng	0.00
86) Perylene-d12	14.80	264	115306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.95	112	422500	117.19	ng	0.02
7) Phenol-d6	6.06	99	557214	116.76	ng	0.00
23) Nitrobenzene-d5	6.97	82	383074	85.05	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	99418	115.12	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	647773	85.58	ng	0.00
78) Terphenyl-d14	12.47	244	530381	70.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	49978	30.87	ng	91
3) Pyridine	2.35	79	169164	37.89	ng	# 84
4) n-Nitrosodimethylamine	2.32	42	98392	39.67	ng	# 78
6) Aniline	6.04	93	183256	27.19	ng	# 71
8) 2-Chlorophenol	6.17	128	153389	38.61	ng	# 76
9) Benzaldehyde	5.92	77	27287	9.13	ng	# 67
10) Phenol	6.07	94	195012	35.24	ng	# 42
11) bis(2-Chloroethyl)ether	6.15	93	168965	42.32	ng	98
12) 1,3-Dichlorobenzene	6.33	146	156091	36.77	ng	# 95
13) 1,4-Dichlorobenzene	6.41	146	164213	37.99	ng	# 94
14) 1,2-Dichlorobenzene	6.41	146	164213	42.20	ng	96
15) Benzyl Alcohol	6.56	79	164606	42.05	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	6.70	45	295235	38.57	ng	86
17) 2-Methylphenol	6.68	107	133090	41.98	ng	# 77
18) Hexachloroethane	6.90	117	65960	39.23	ng	# 87
19) n-Nitroso-di-n-propylamine	6.83	70	128179	39.46	ng	# 84
20) 3+4-Methylphenols	6.84	107	170115	39.80	ng	88
22) Acetophenone	6.82	105	237380	39.99	ng	# 81
24) Nitrobenzene	6.98	77	169508	36.24	ng	# 60
25) Isophorone	7.23	82	323264	38.59	ng	# 84
26) 2-Nitrophenol	7.30	139	75448	37.01	ng	# 28
27) 2,4-Dimethylphenol	7.37	122	153445	43.58	ng	# 78
28) bis(2-Chloroethoxy)methane	7.46	93	210255	43.45	ng	# 94
29) 2,4-Dichlorophenol	7.55	162	131370	43.03	ng	91
30) 1,2,4-Trichlorobenzene	7.62	180	132278	39.88	ng	# 96
31) Naphthalene	7.70	128	464523	40.08	ng	98
32) Benzoic acid	7.52	122	93009	37.58	ng	# 59
33) 4-Chloroaniline	7.77	127	99195	20.99	ng	# 92
34) Hexachlorobutadiene	7.83	225	80247	39.75	ng	98
35) Caprolactam	8.15	113	26914	28.74	ng	# 69
36) 4-Chloro-3-methylphenol	8.27	107	163299	47.78	ng	# 78
37) 2-Methylnaphthalene	8.39	142	277098	36.74	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	129082	42.08	ng	# 97
40) Hexachlorocyclopentadiene	8.55	237	139170	92.45	ng	96

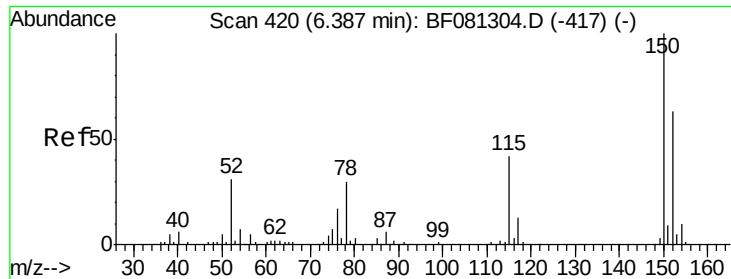
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081309.D
 Acq On : 1 Sep 2015 17:58
 Operator : UM/IZ
 Sample : PB85287BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	86870	41.03	nq	97
43) 2,4,5-Trichlorophenol	8.73	196	94202	43.62	nq	# 96
45) 1,1'-Biphenyl	8.86	154	335224	37.57	nq	95
46) 2-Chloronaphthalene	8.88	162	279852	43.43	nq	94
47) 2-Nitroaniline	8.98	65	108951	41.48	nq	# 59
48) Acenaphthylene	9.28	152	433274	37.90	nq	97
49) Dimethylphthalate	9.18	163	312546	41.47	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	75649	44.23	nq	# 63
51) Acenaphthene	9.45	154	242220	37.24	nq	89
52) 3-Nitroaniline	9.39	138	55130	28.31	nq	# 54
53) 2,4-Dinitrophenol	9.51	184	88118	122.32	nq	# 57
54) Dibenzofuran	9.62	168	387877	40.84	nq	# 83
55) 4-Nitrophenol	9.59	139	121588	99.39	nq	# 60
56) 2,4-Dinitrotoluene	9.63	165	103859	47.69	nq	# 76
57) Fluorene	9.96	166	318087	44.14	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	71238	43.20	nq	93
59) Diethylphthalate	9.87	149	359720	45.38	nq	97
60) 4-Chlorophenyl-phenylether	9.96	204	135123	40.23	nq	# 79
61) 4-Nitroaniline	10.01	138	81785	41.57	nq	# 56
62) Azobenzene	10.12	77	389419	44.19	nq	85
64) 4,6-Dinitro-2-methylphenol	10.03	198	47252	42.55	nq	82
65) n-Nitrosodiphenylamine	10.09	169	268819	37.21	nq	91
66) 4-Bromophenyl-phenylether	10.44	248	76582	38.15	nq	# 71
67) Hexachlorobenzene	10.50	284	82383	39.25	nq	# 78
68) Atrazine	10.63	200	79402	37.98	nq	83
69) Pentachlorophenol	10.71	266	86066	83.77	nq	99
70) Phenanthrene	10.91	178	482145	43.68	nq	97
71) Anthracene	10.96	178	420504	37.08	nq	98
72) Carbazole	11.12	167	416839	39.17	nq	# 94
73) Di-n-butylphthalate	11.47	149	496212	39.49	nq	# 98
74) Fluoranthene	12.08	202	457974	38.33	nq	91
76) Benzidine	12.22	184	210134	28.00	nq	98
77) Pyrene	12.31	202	555113	42.87	nq	99
79) Butylbenzylphthalate	12.96	149	227594	40.41	nq	97
80) Benzo(a)anthracene	13.49	228	426365	38.30	nq	96
81) 3,3'-Dichlorobenzidine	13.46	252	82373	21.93	nq	# 94
82) Chrysene	13.52	228	328911	32.96	nq	94
83) Bis(2-ethylhexyl)phthalate	13.52	149	280153	37.69	nq	# 90
84) Di-n-octyl phthalate	14.13	149	453958	37.09	nq	99
85) Indeno(1,2,3-cd)pyrene	15.90	276	271144	37.03	nq	# 86
87) Benzo(b)fluoranthene	14.50	252	679297	82.52	nq	# 86
88) Benzo(k)fluoranthene	14.50	252	679297	99.45	nq	# 86
89) Benzo(a)pyrene	14.75	252	293661	42.10	nq	# 88
90) Dibenzo(a,h)anthracene	15.91	278	228082	42.31	nq	# 77
91) Benzo(g,h,i)perylene	16.22	276	219519	42.67	nq	# 72

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

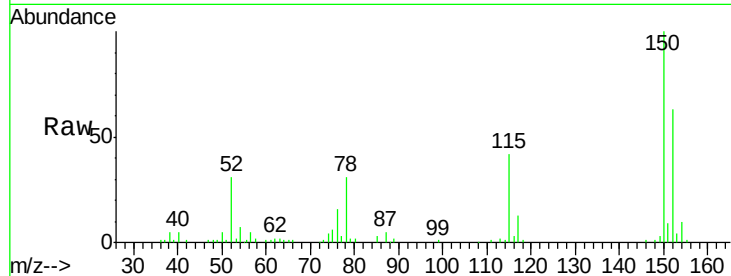


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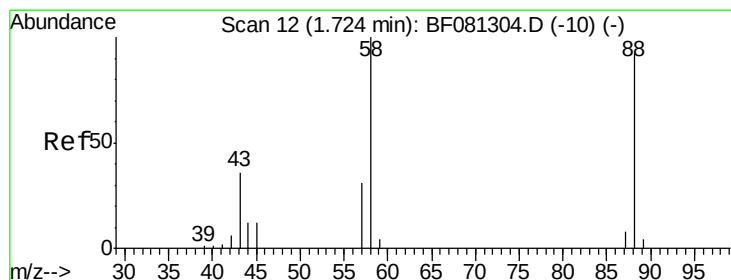
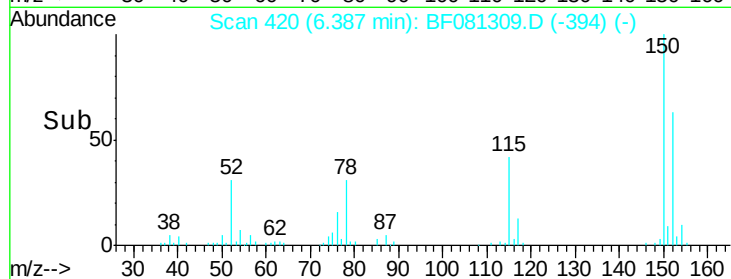
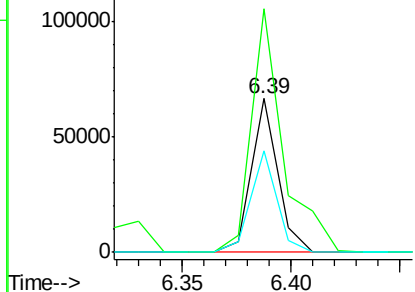
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 55937
Ion Ratio Lower Upper
152 100
150 158.6 124.7 187.1
115 66.3 39.0 58.4#



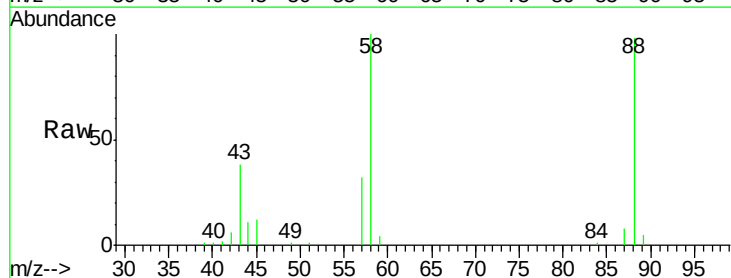
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



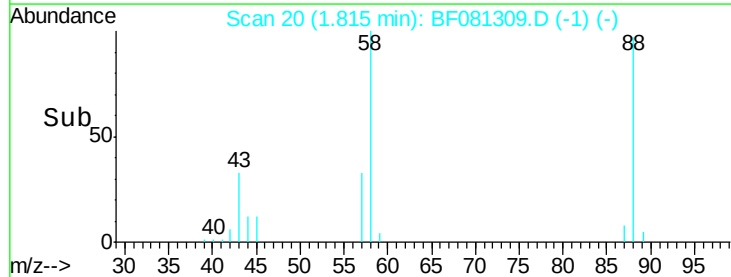
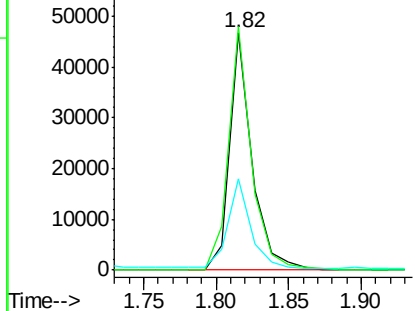
#2

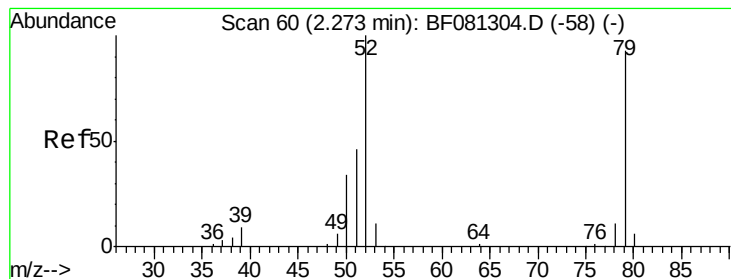
1,4-Dioxane
Concen: 30.87 ng
RT: 1.82 min Scan# 20
Delta R.T. 0.09 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion: 88 Resp: 49978
Ion Ratio Lower Upper
88 100
58 105.4 77.7 116.5
43 39.2 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: 37.89 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.08 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampled :

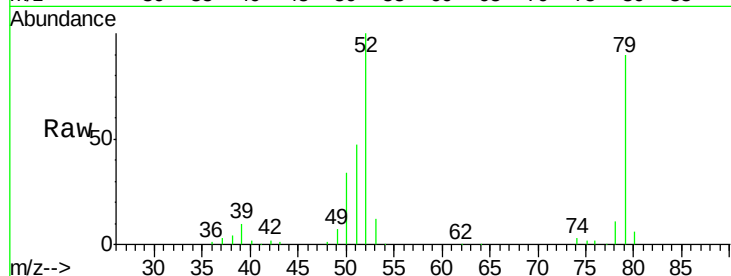
Tot Ion: 79 Resp: 169164

Ion Ratio Lower Upper

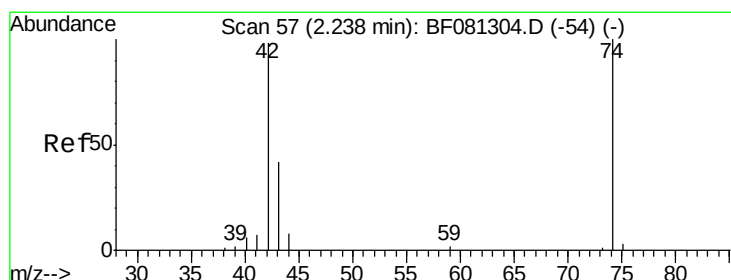
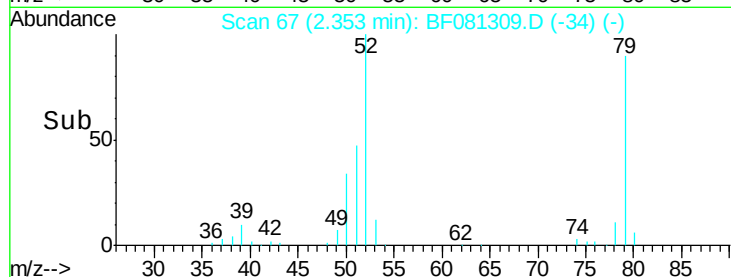
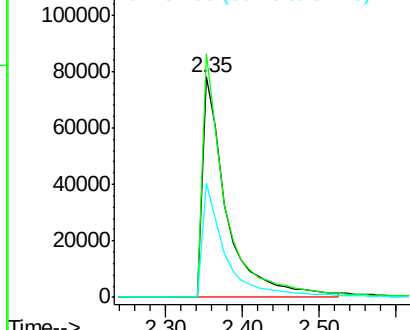
79 100

52 110.5 76.8 115.2

51 51.7 32.2 48.4#



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



#4

n-Nitrosodimethylamine

Concen: 39.67 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

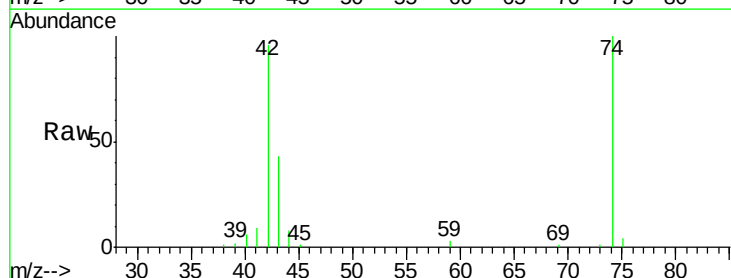
Tgt Ion: 42 Resp: 98392

Ion Ratio Lower Upper

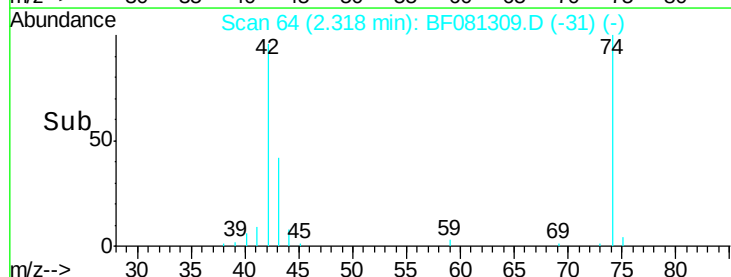
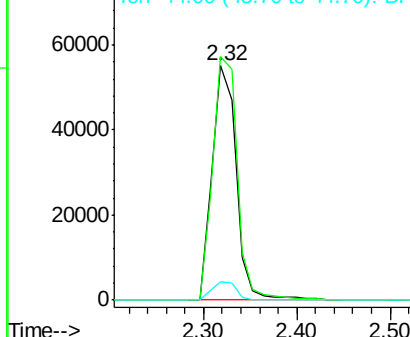
42 100

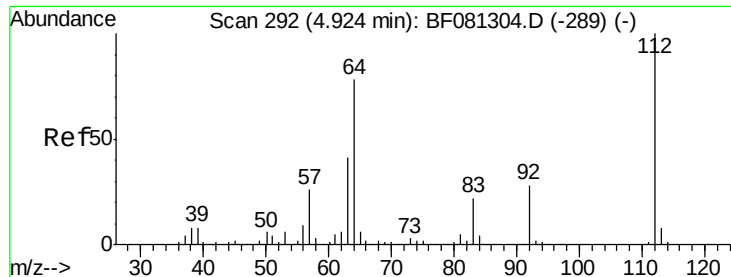
74 103.9 105.0 157.6#

44 7.9 6.6 10.0



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

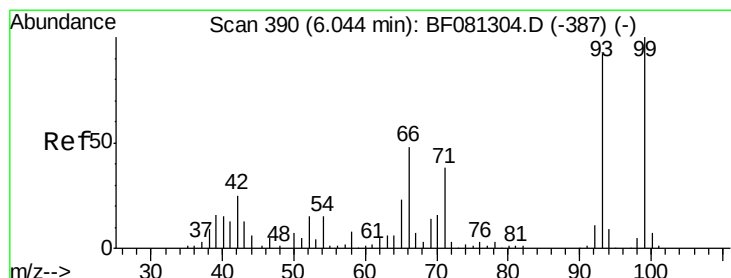
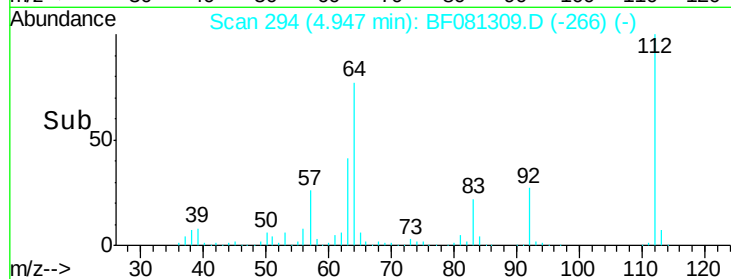
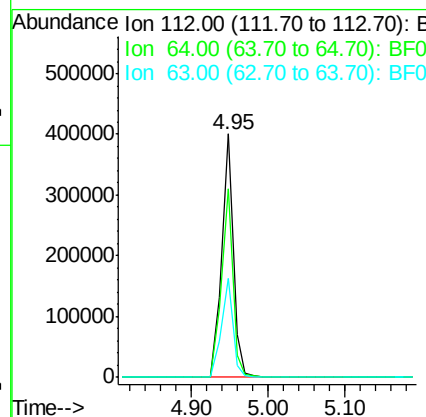
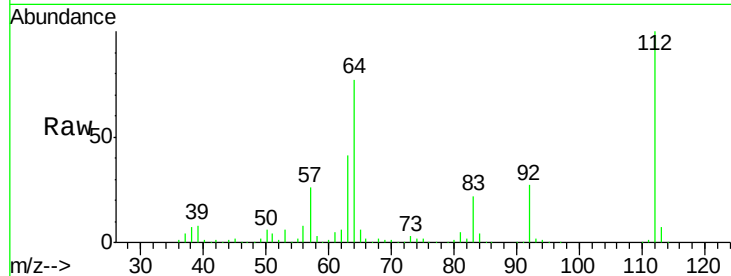




#5
 2-Fluorophenol
 Concen: 117.19 ng
 RT: 4.95 min Scan# 294
 Delta R.T. 0.02 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

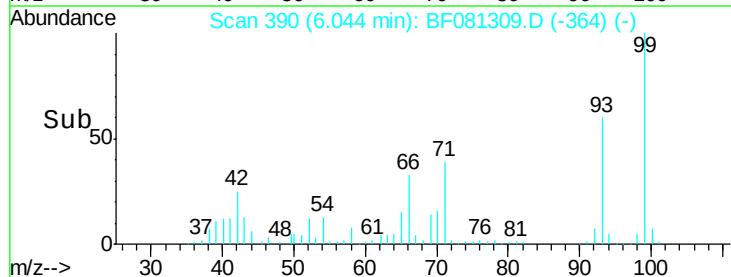
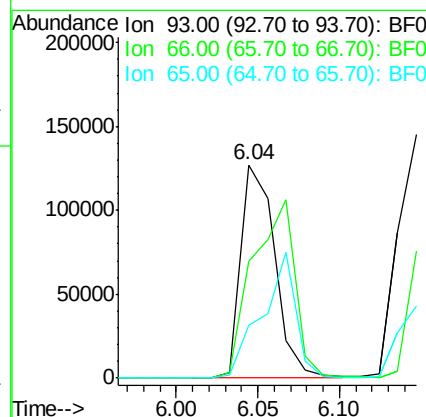
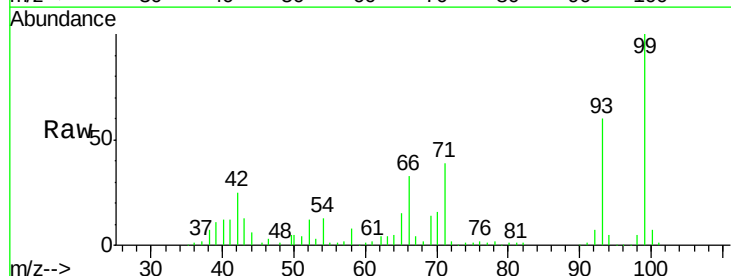
Instrument :
 BNA_F
 ClientSampled :

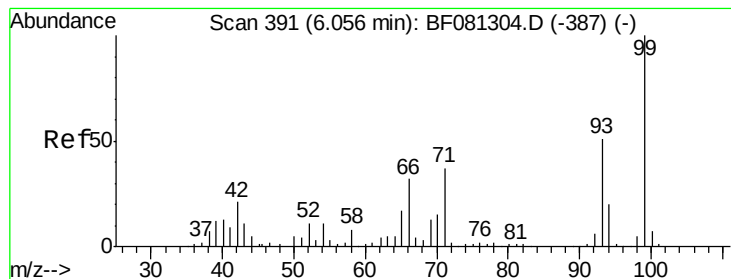
Tot Ion:112 Resp: 422500
 Ion Ratio Lower Upper
 112 100
 64 77.2 39.7 59.5#
 63 40.9 17.4 26.0#



#6
 Aniline
 Concen: 27.19 ng
 RT: 6.04 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion: 93 Resp: 183256
 Ion Ratio Lower Upper
 93 100
 66 54.9 27.2 40.8#
 65 24.7 14.7 22.1#





#7

Phenol-d6

Concen: 116.76 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampled :

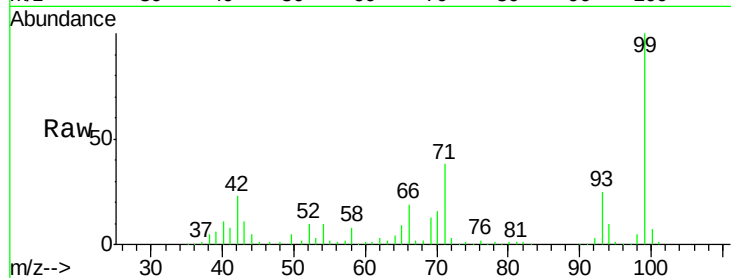
Tot Ion: 99 Resp: 557214

Ion Ratio Lower Upper

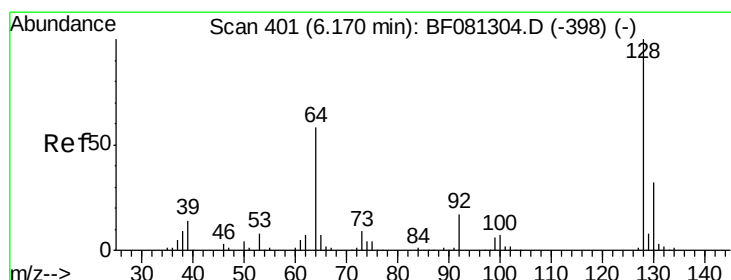
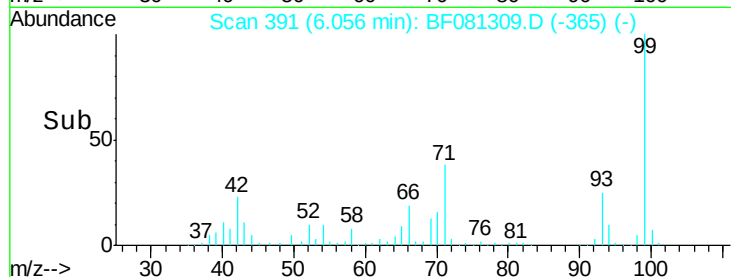
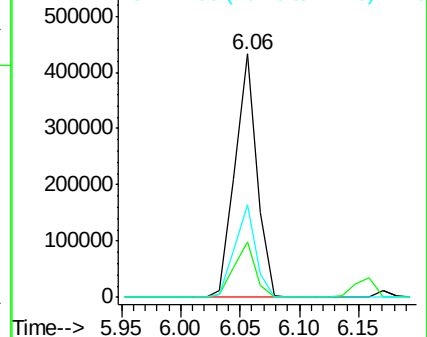
99 100

42 22.5 13.7 20.5#

71 38.2 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 38.61 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

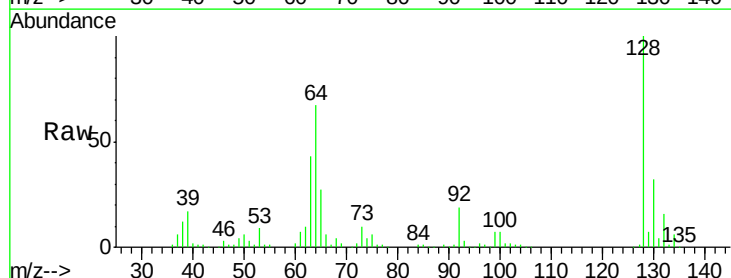
Tgt Ion: 128 Resp: 153389

Ion Ratio Lower Upper

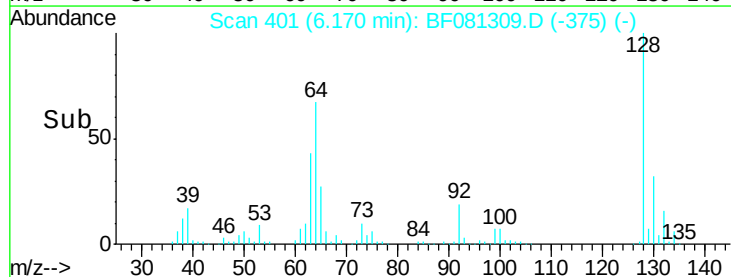
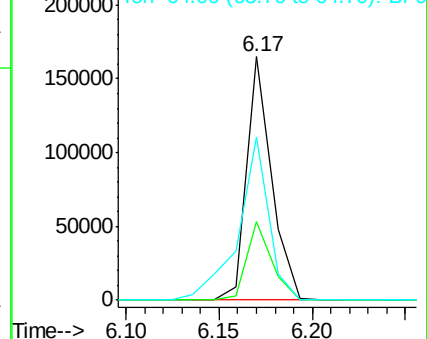
128 100

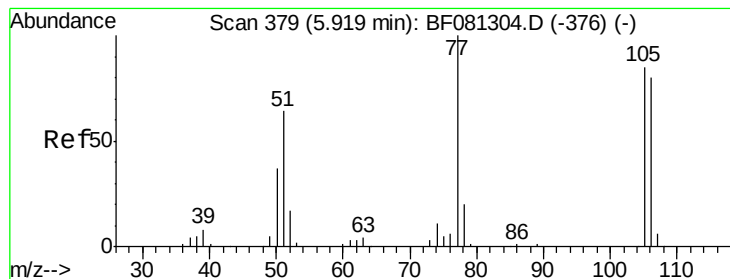
130 32.5 12.2 52.2

64 66.7 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: 9.13 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampled :

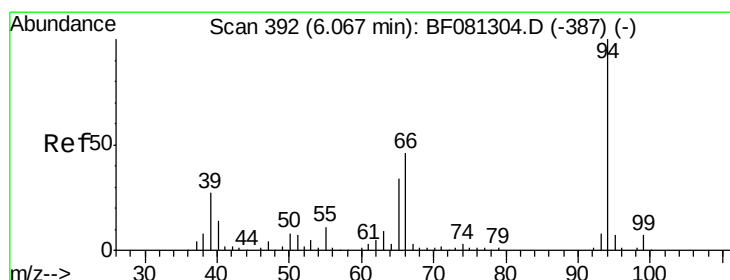
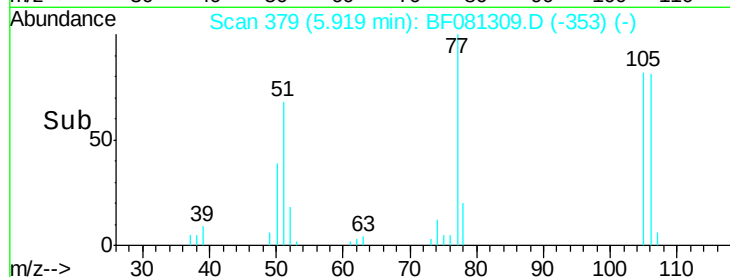
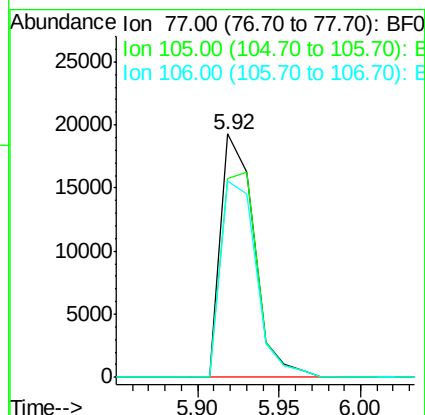
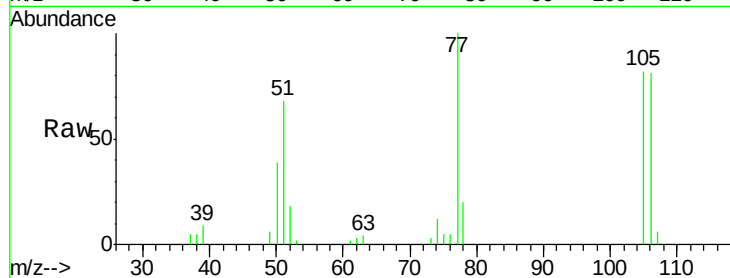
Tot Ion: 77 Resp: 27287

Ion Ratio Lower Upper

77 100

105 81.9 91.6 131.6#

106 80.7 102.6 142.6#



#10

Phenol

Concen: 35.24 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

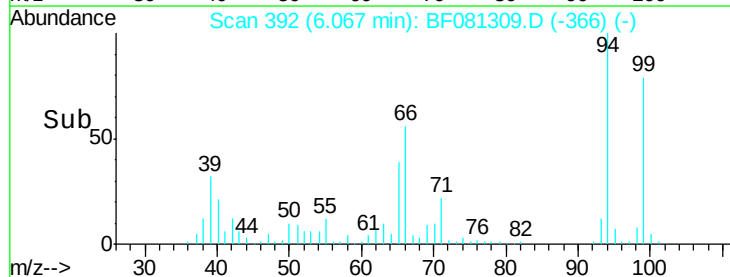
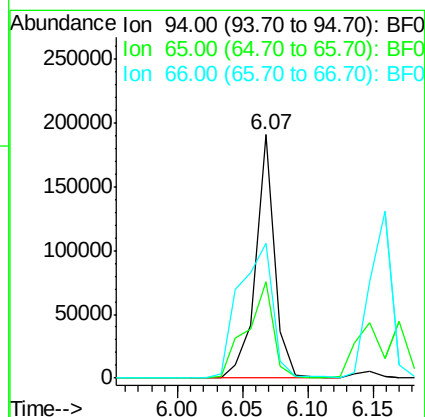
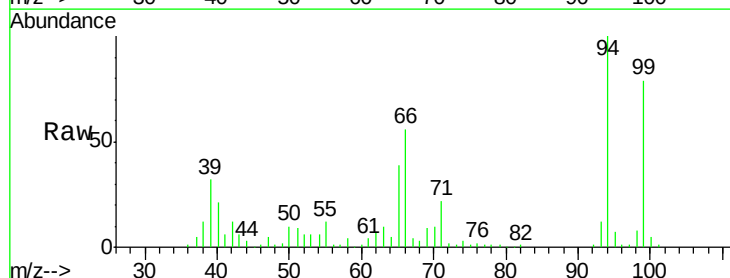
Tgt Ion: 94 Resp: 195012

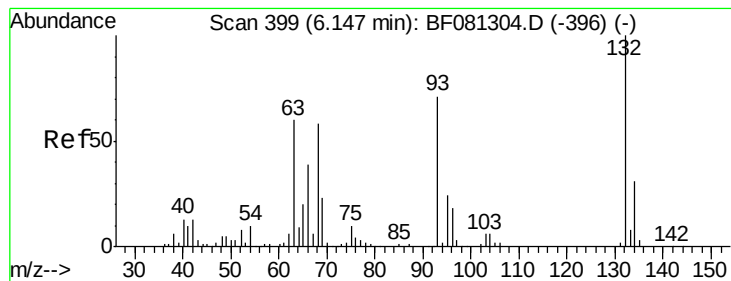
Ion Ratio Lower Upper

94 100

65 39.5 0.7 40.7

66 55.6 0.8 40.8#

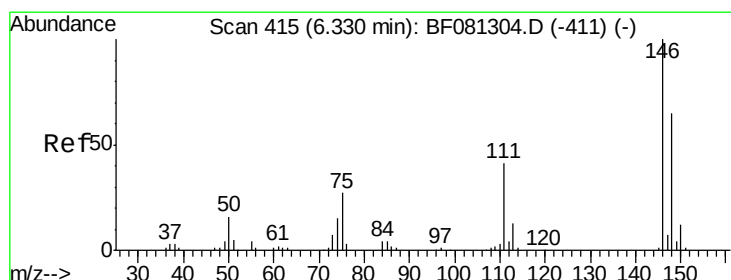
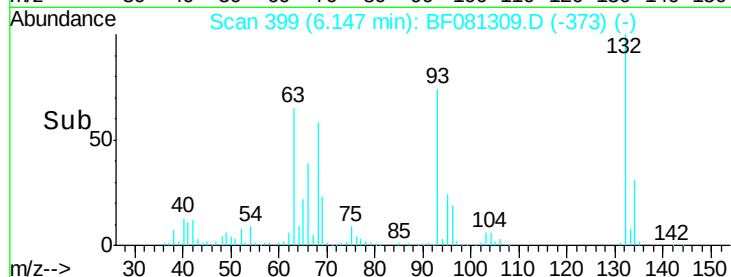
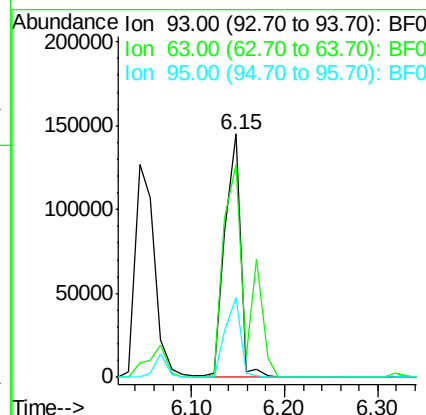
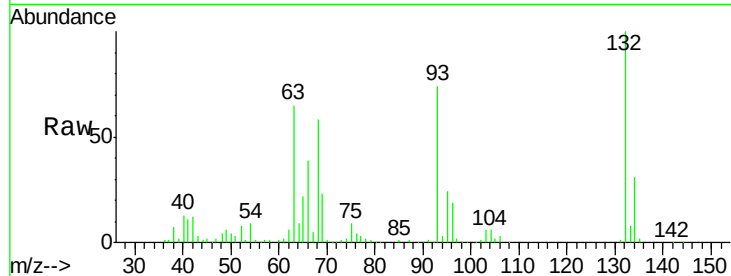




#11
 bis(2-Chloroethyl)ether
 Concen: 42.32 ng
 RT: 6.15 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

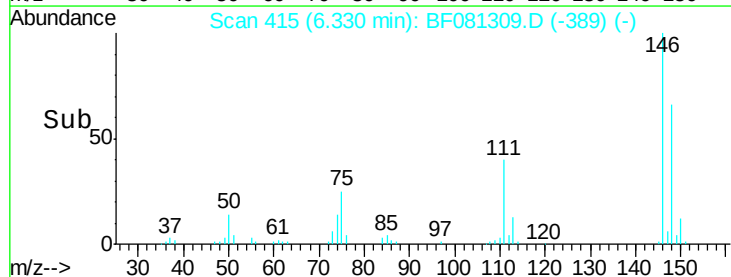
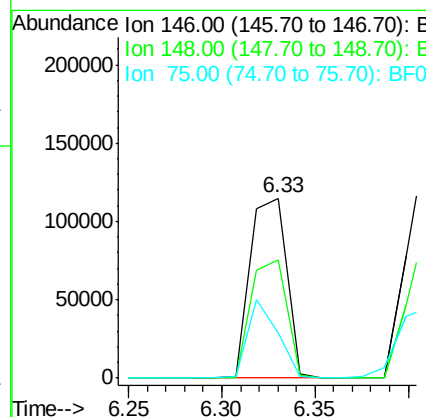
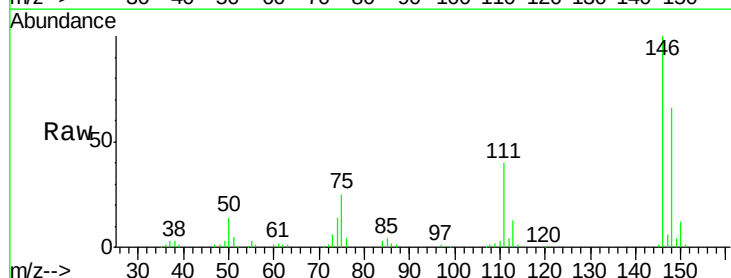
Instrument :
 BNA_F
 ClientSampleId :

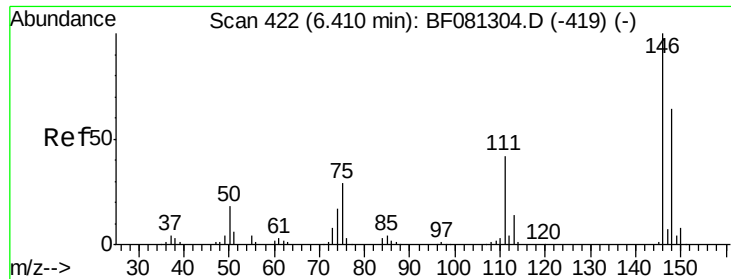
Tot Ion	93	Resp	168965
Ion Ratio	Lower	Upper	
93	100		
63	87.6	65.6	105.6
95	33.0	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 36.77 ng
 RT: 6.33 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	146	Resp	156091
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.0	76.4
75	24.9	15.0	22.6#

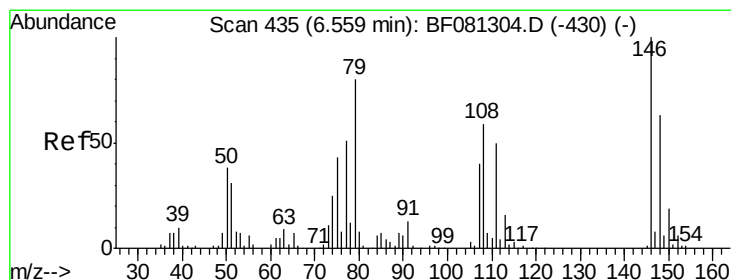
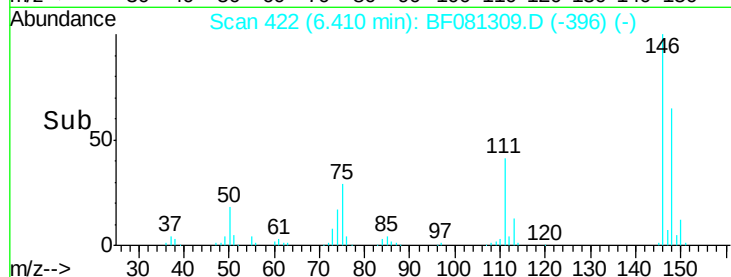
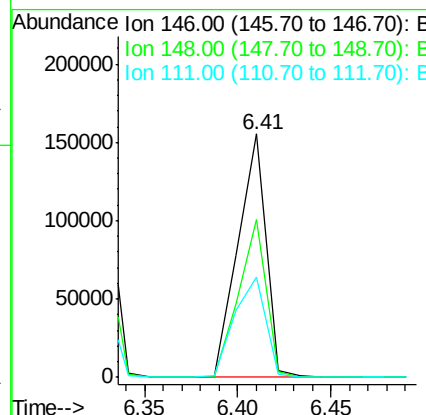
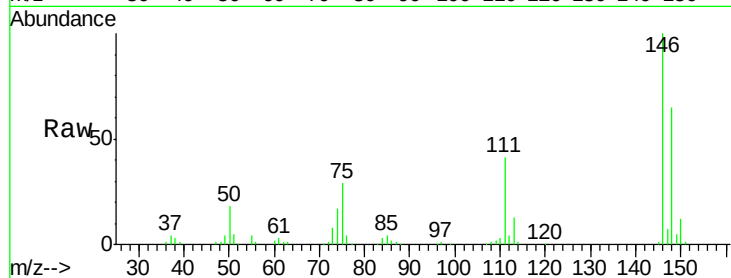




#13
 1,4-Dichlorobenzene
 Concen: 37.99 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

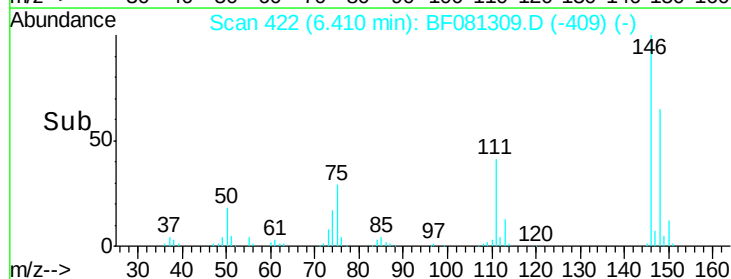
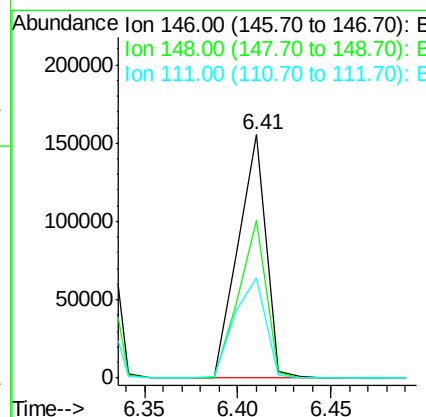
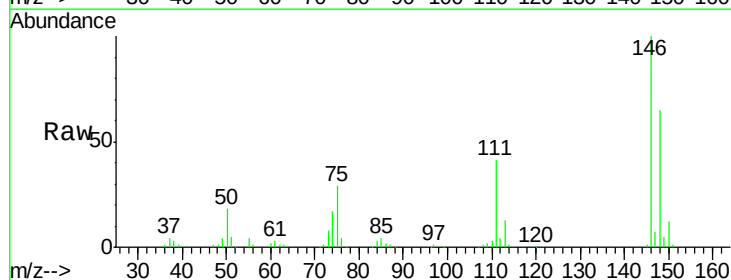
Instrument :
 BNA_F
 ClientSampleId :

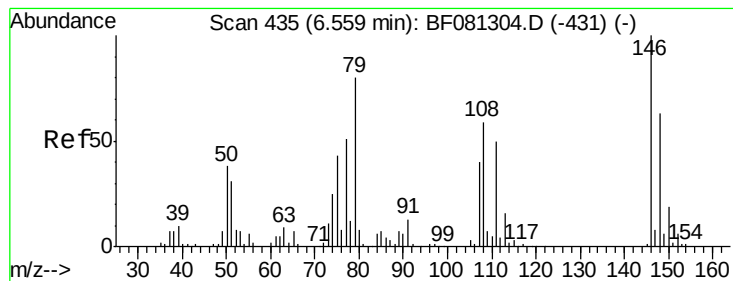
Tot Ion:146 Resp: 164213
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 41.1 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 42.20 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.15 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:146 Resp: 164213
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.7 79.1
 111 41.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 42.05 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampled :

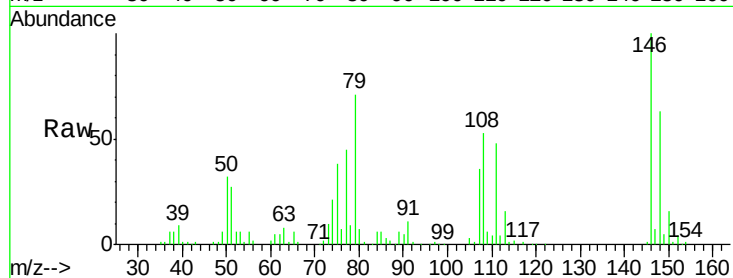
Tot Ion: 79 Resp: 164606

Ion Ratio Lower Upper

79 100

108 73.8 88.6 132.8#

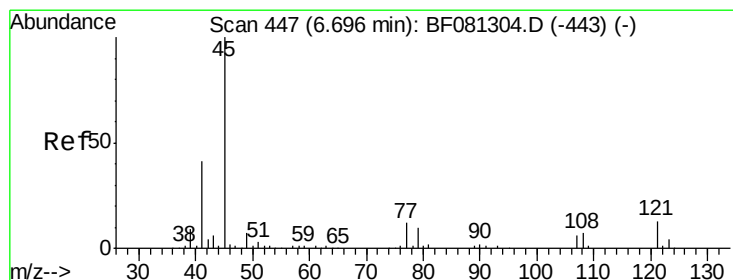
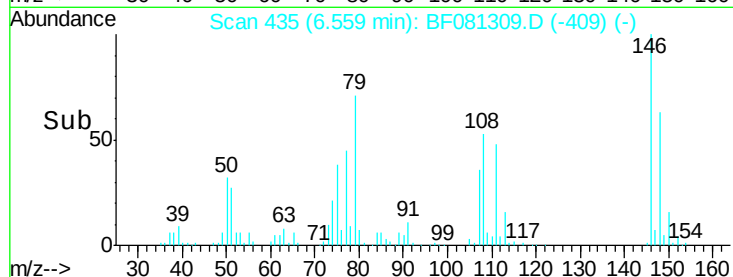
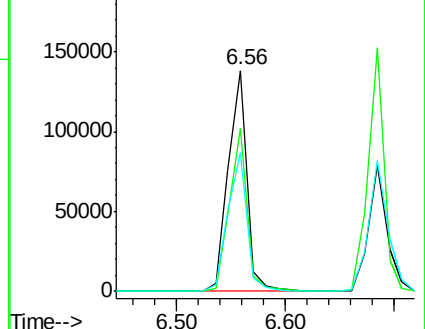
77 62.7 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.57 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

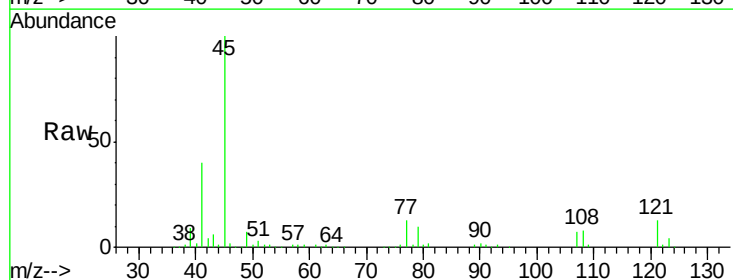
Tgt Ion: 45 Resp: 295235

Ion Ratio Lower Upper

45 100

77 13.2 0.0 28.1

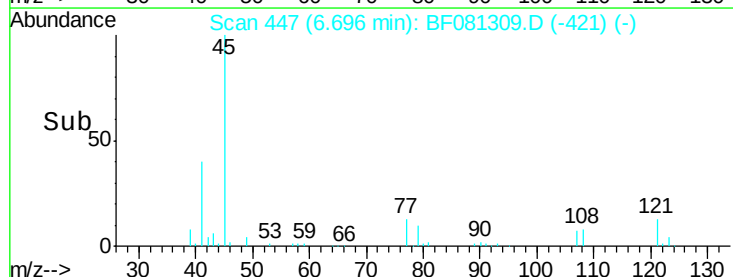
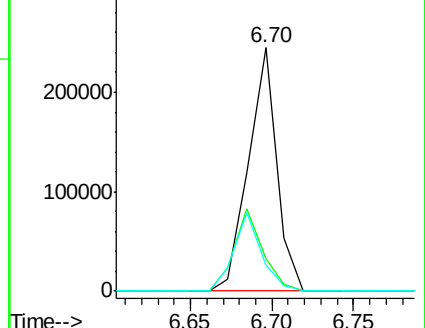
79 10.5 0.0 26.0

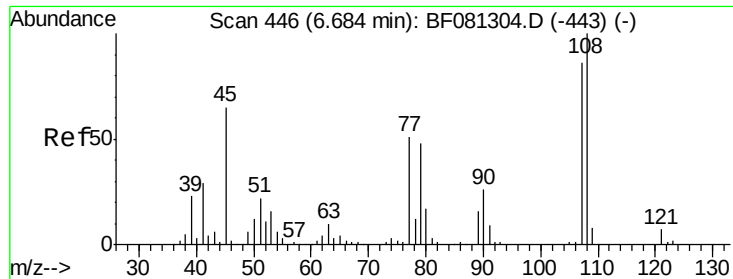


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

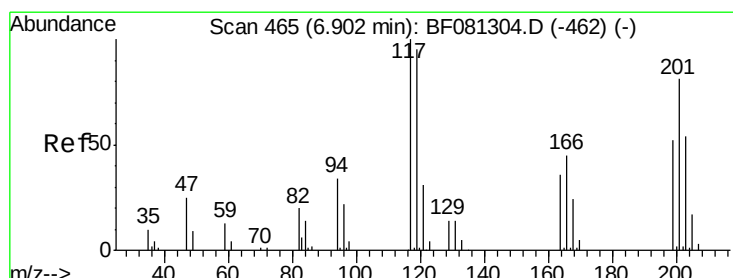
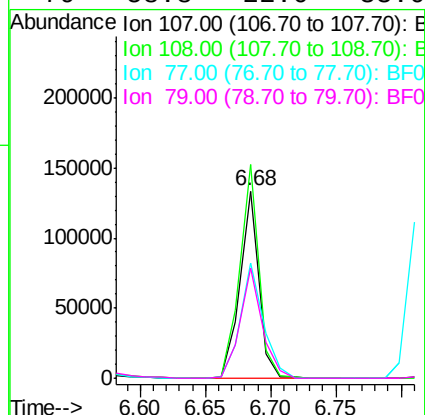
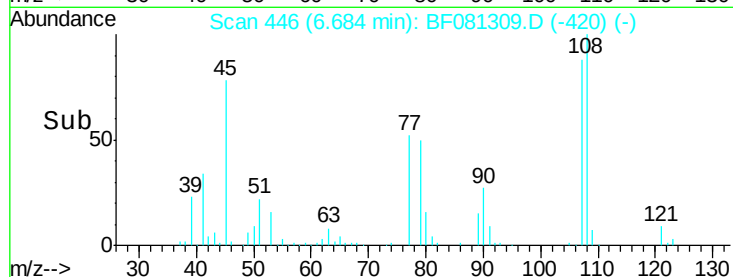
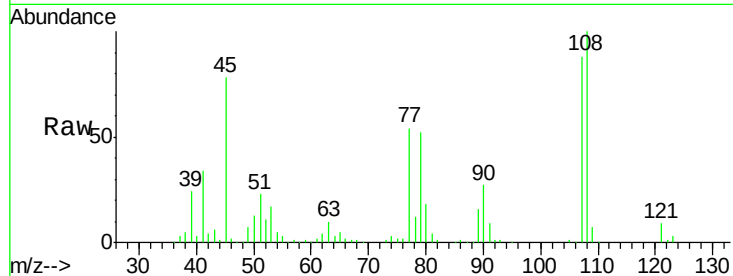




#17
2-Methylphenol
Concen: 41.98 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

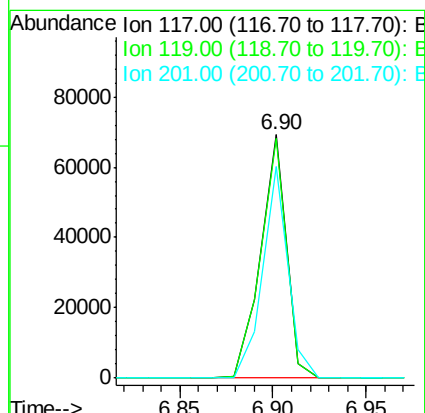
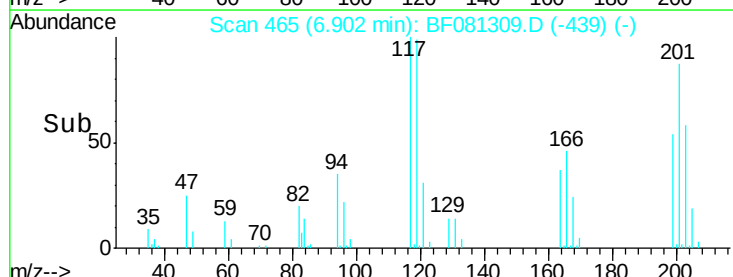
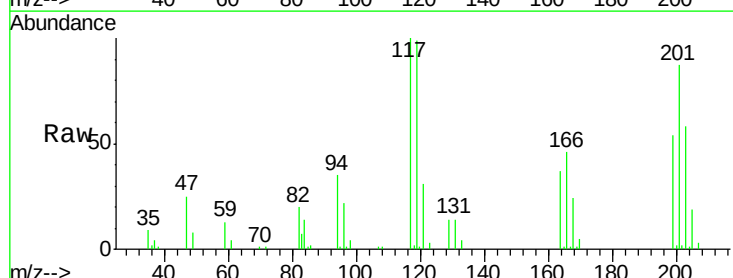
Instrument :
BNA_F
ClientSampleId :

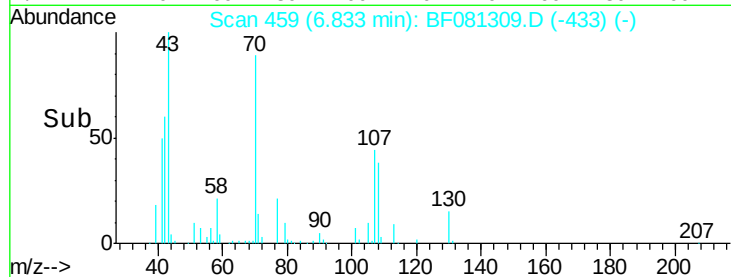
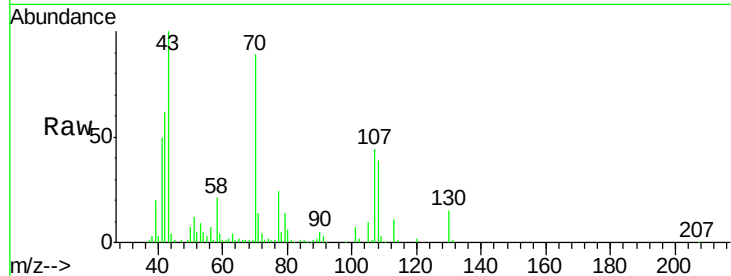
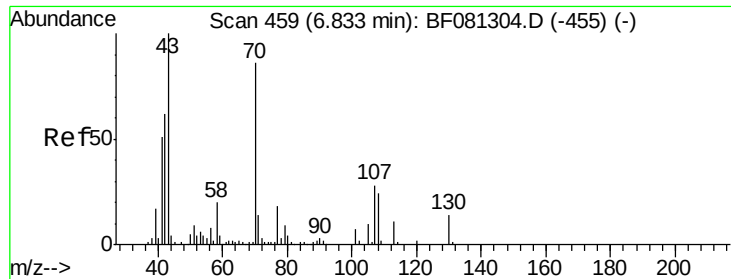
Tot Ion:107 Resp: 133090
Ion Ratio Lower Upper
107 100
108 114.2 96.6 145.0
77 61.7 23.3 34.9#
79 58.8 22.0 33.0#



#18
Hexachloroethane
Concen: 39.23 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion:117 Resp: 65960
Ion Ratio Lower Upper
117 100
119 98.5 83.8 125.6
201 87.2 55.1 82.7#

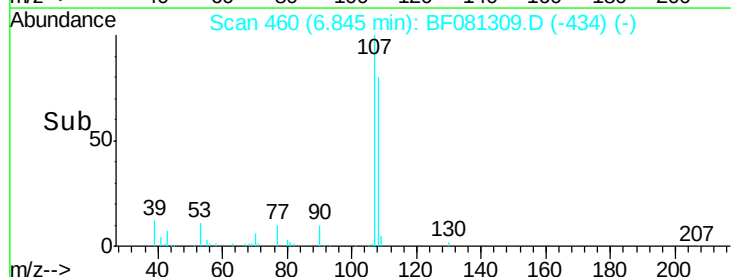
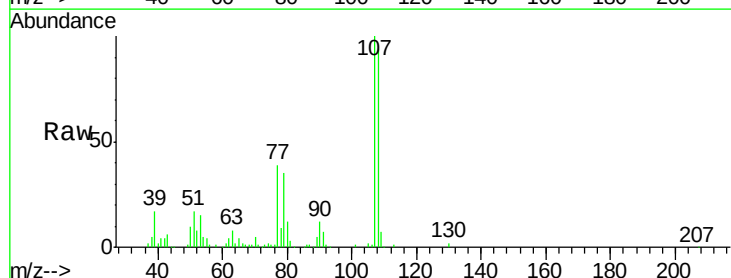
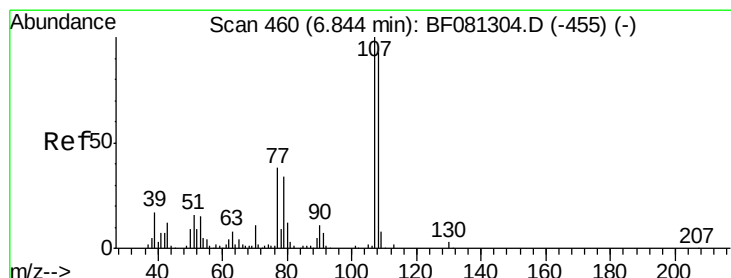
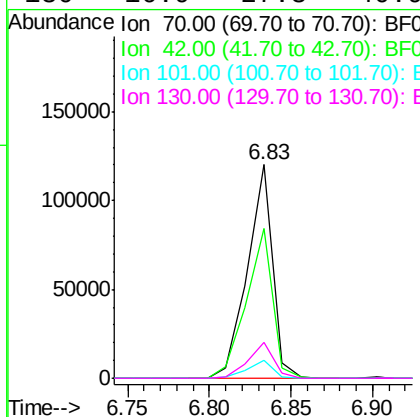




#19
n-Nitroso-di-n-propylamine
Concen: 39.46 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

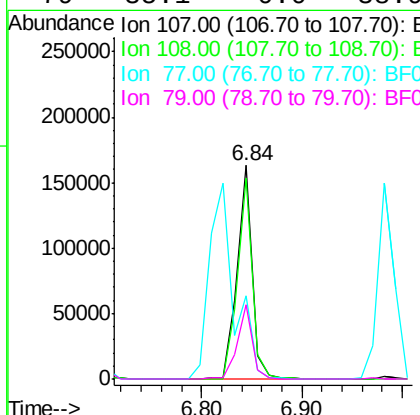
Instrument :
BNA_F
ClientSampleId :

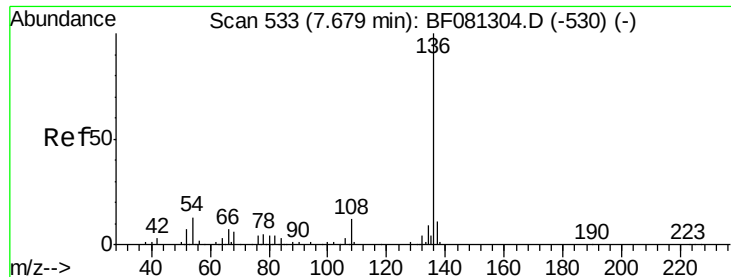
Tot Ion: 70 Resp: 128179
Ion Ratio Lower Upper
70 100
42 70.2 63.8 95.6
101 8.2 9.2 13.8#
130 16.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 39.80 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion:107 Resp: 170115
Ion Ratio Lower Upper
107 100
108 93.8 74.6 114.6
77 38.8 0.7 40.7
79 35.1 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081309.D

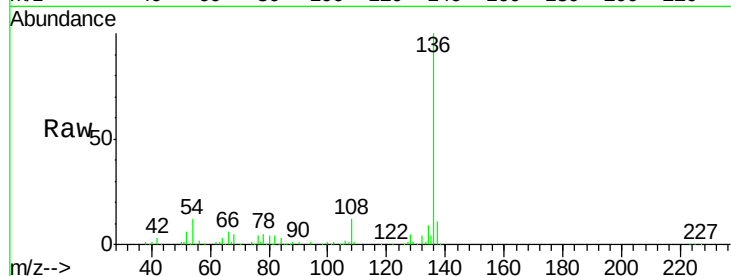
Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	217299
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	12.0	8.2 12.2
68	5.4	5.8 8.6#

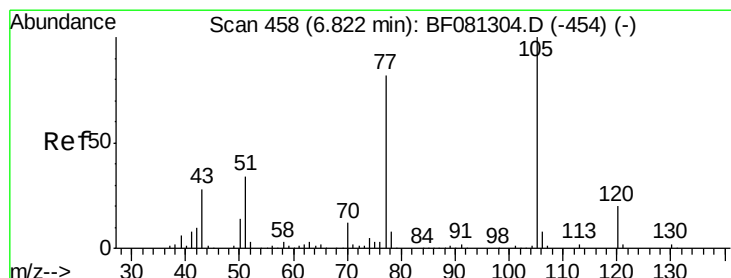
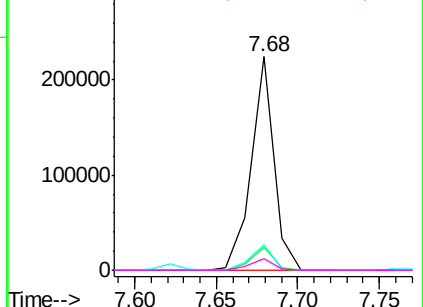
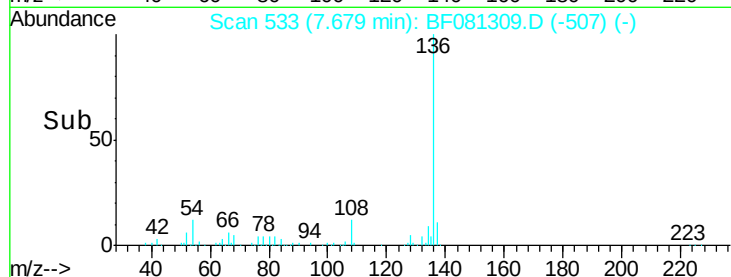


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.99 ng

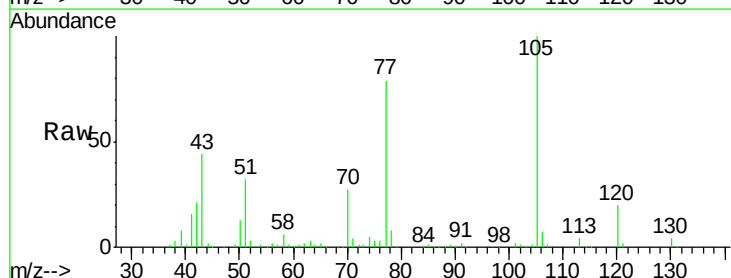
RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion:105	Resp:	237380
Ion Ratio	Lower	Upper
105	100	
71	4.4	4.7 7.1#
51	32.3	22.0 33.0
120	20.2	30.1 45.1#

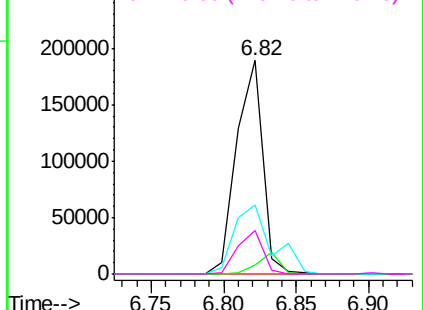
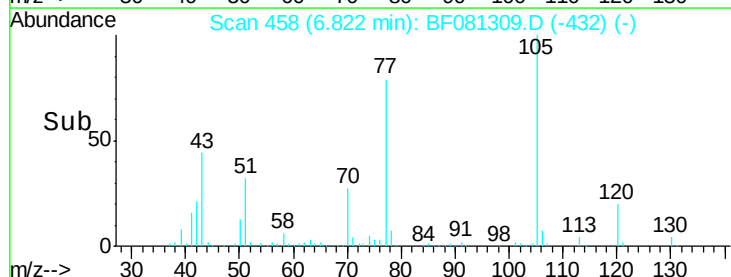


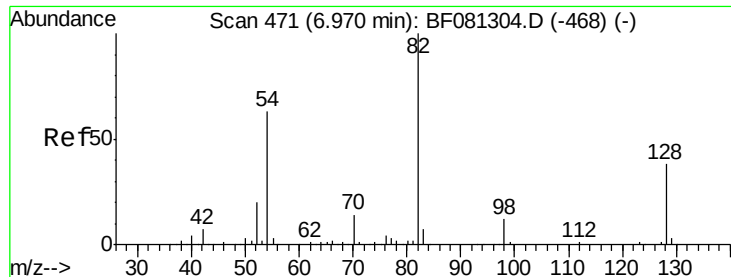
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

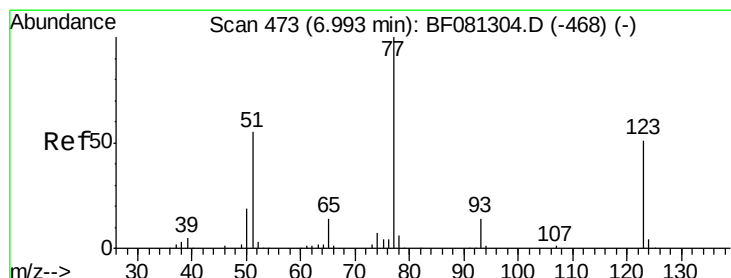
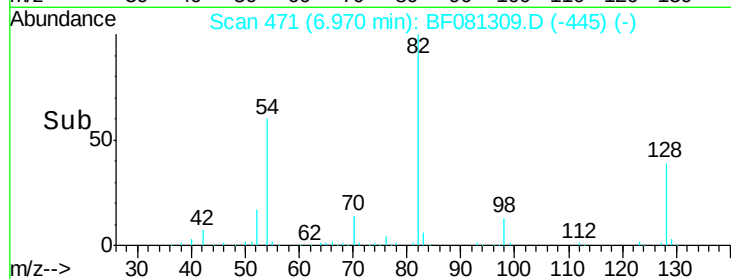
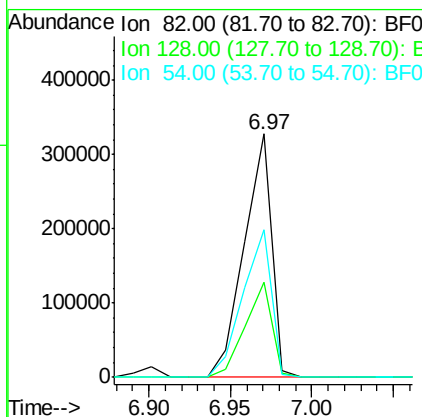
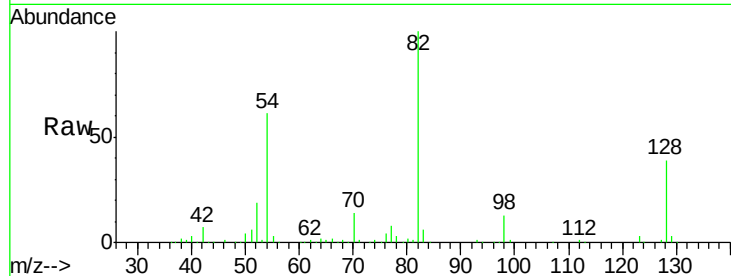




#23
Nitrobenzene-d5
Concen: 85.05 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

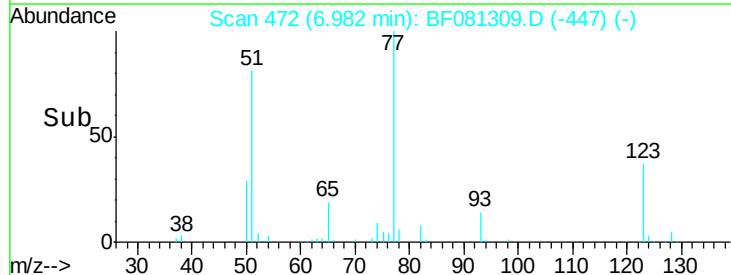
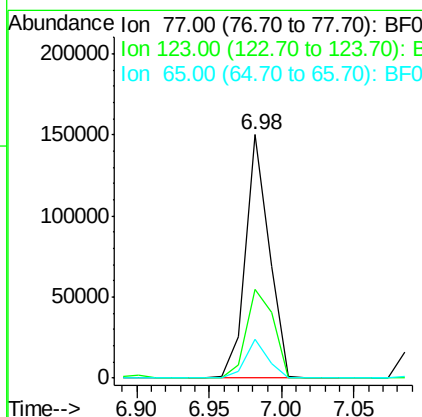
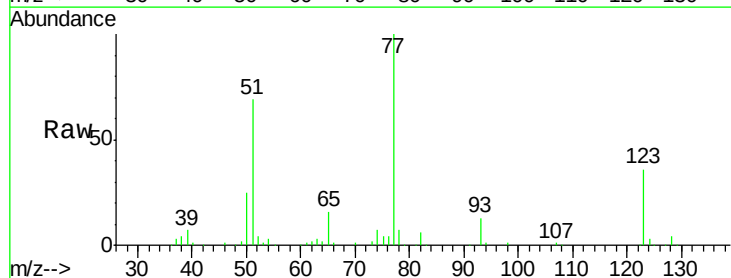
Instrument :
BNA_F
ClientSampleId :

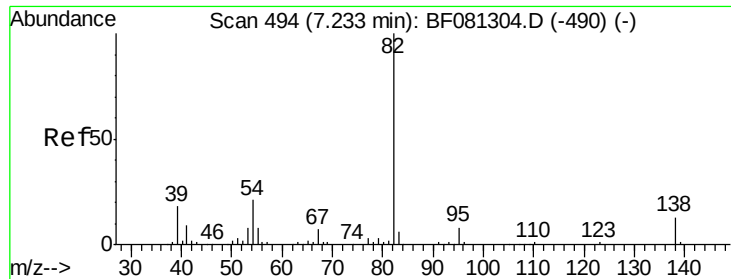
Tot Ion: 82 Resp: 383074
Ion Ratio Lower Upper
82 100
128 39.2 51.0 76.6#
54 60.7 47.5 71.3



#24
Nitrobenzene
Concen: 36.24 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion: 77 Resp: 169508
Ion Ratio Lower Upper
77 100
123 36.3 59.8 89.8#
65 15.8 10.2 15.4#





#25

Isophorone

Concen: 38.59 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

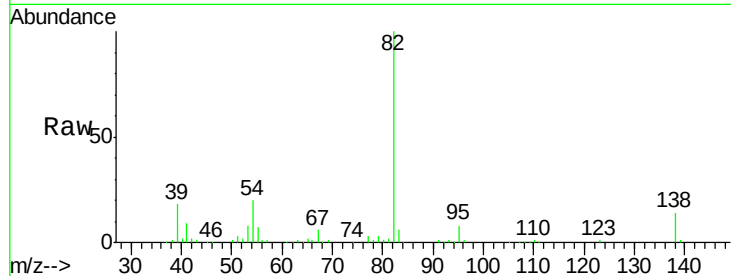
Tot Ion: 82 Resp: 323264

Ion Ratio Lower Upper

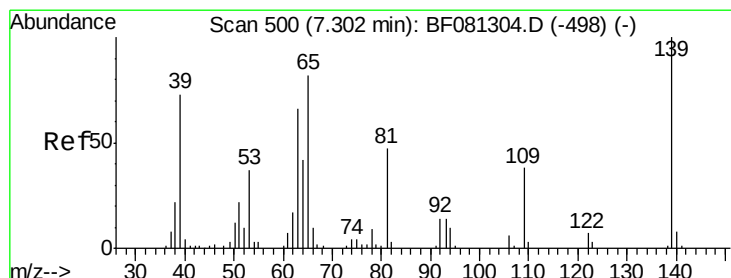
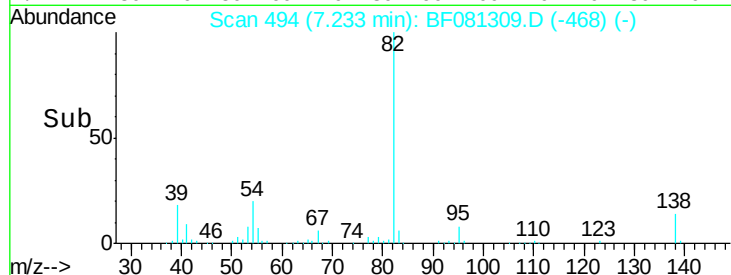
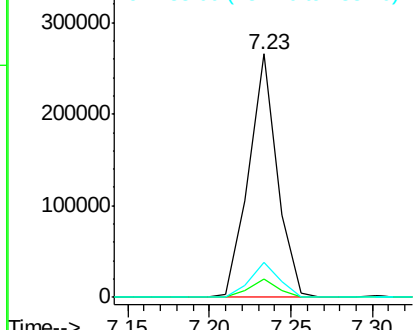
82 100

95 7.6 4.0 6.0#

138 14.4 18.3 27.5#



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



#26

2-Nitrophenol

Concen: 37.01 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

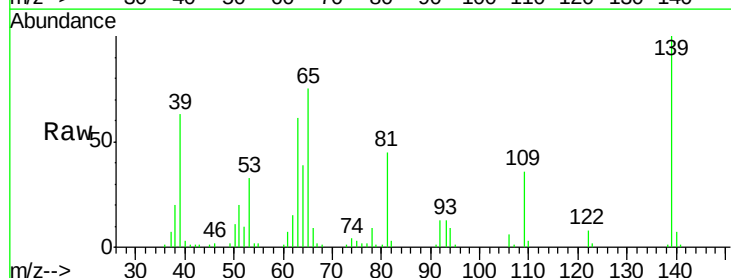
Tgt Ion: 139 Resp: 75448

Ion Ratio Lower Upper

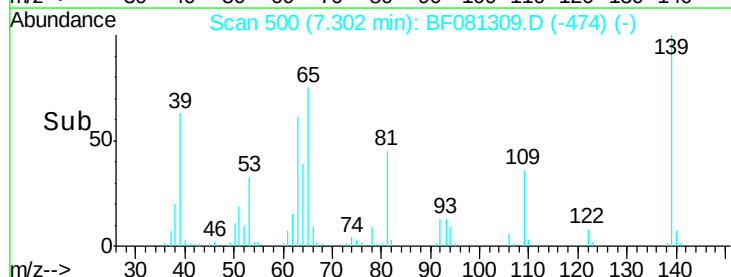
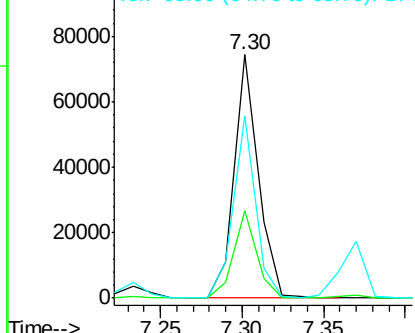
139 100

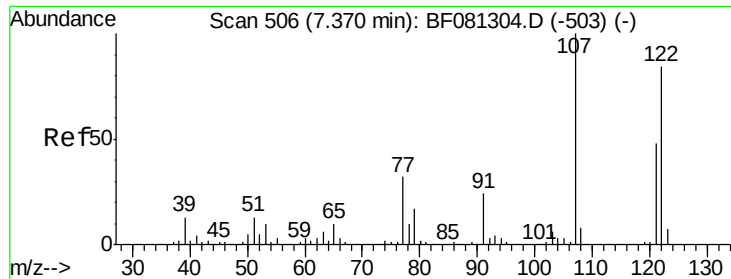
109 35.7 11.0 16.4#

65 74.7 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 43.58 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampled :

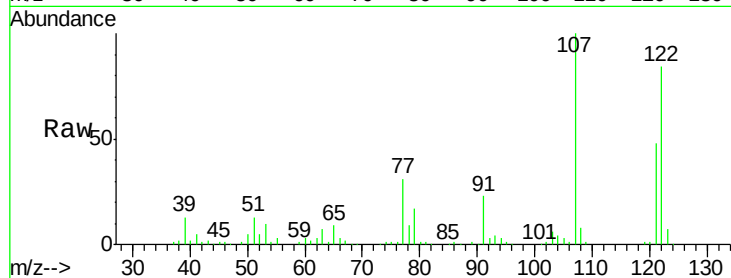
Tot Ion:122 Resp: 153445

Ion Ratio Lower Upper

122 100

107 119.7 71.8 107.6#

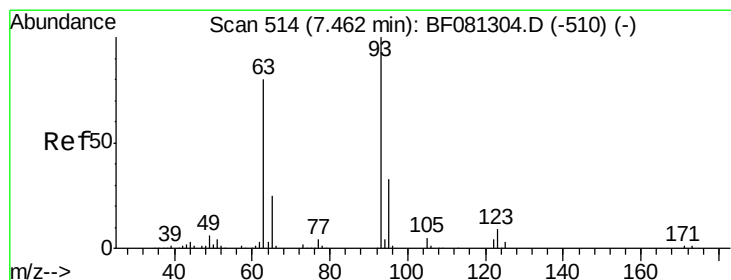
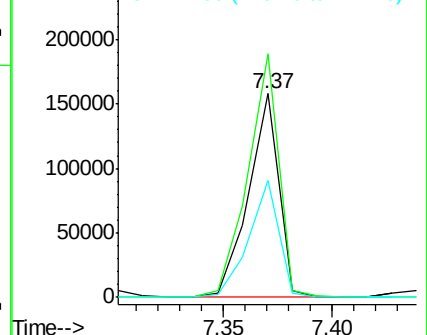
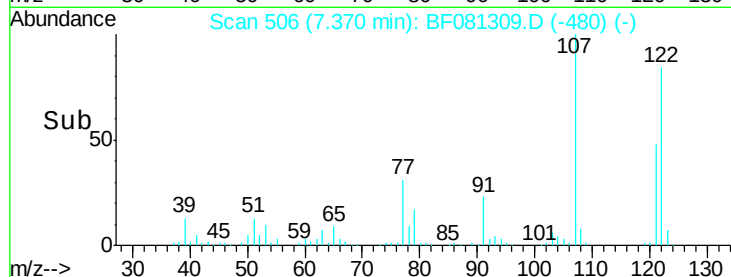
121 57.4 42.3 63.5



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: 43.45 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

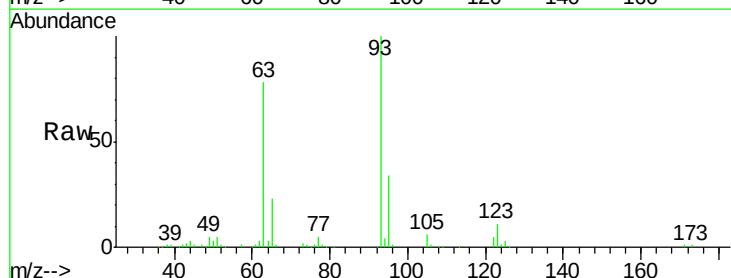
Tgt Ion: 93 Resp: 210255

Ion Ratio Lower Upper

93 100

95 33.9 27.5 41.3

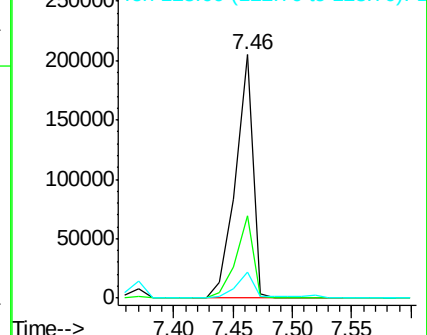
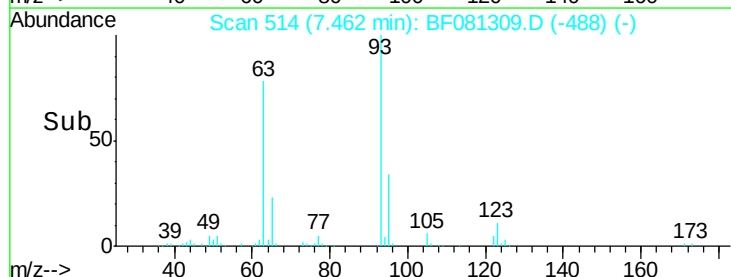
123 10.7 13.7 20.5#

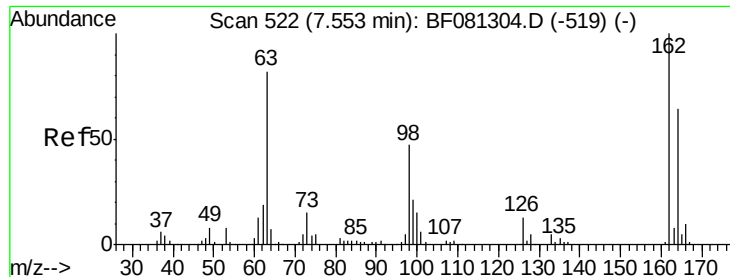


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

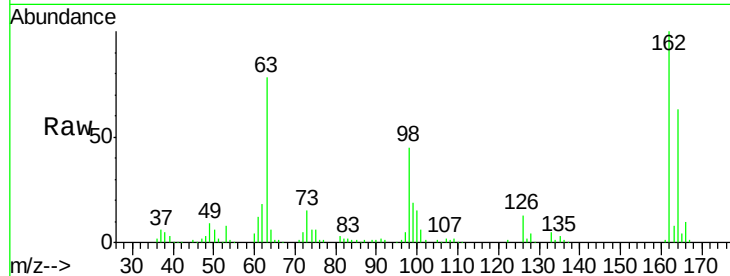




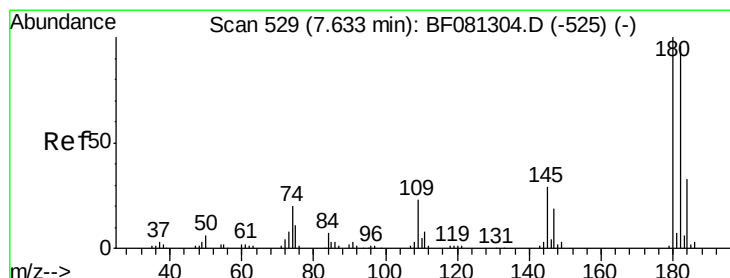
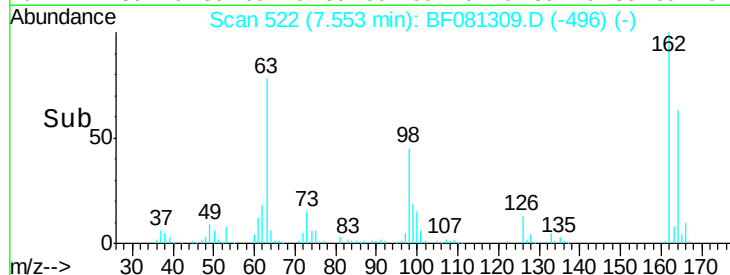
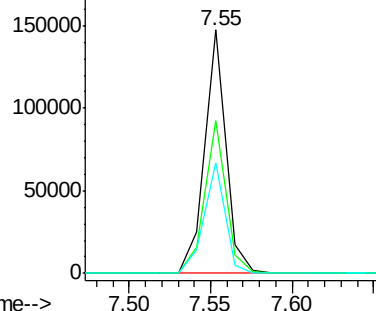
#29
 2,4-Dichlorophenol
 Concen: 43.03 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.9	84.9
98	45.4	13.0	53.0

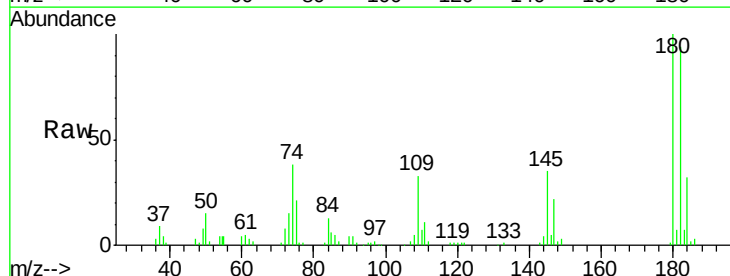


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

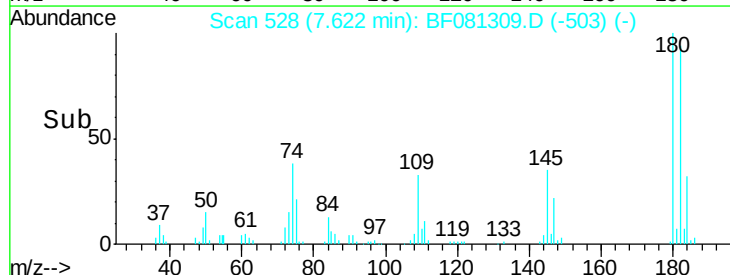
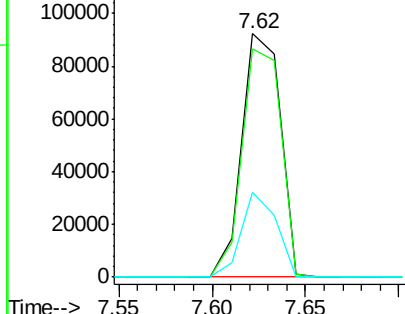


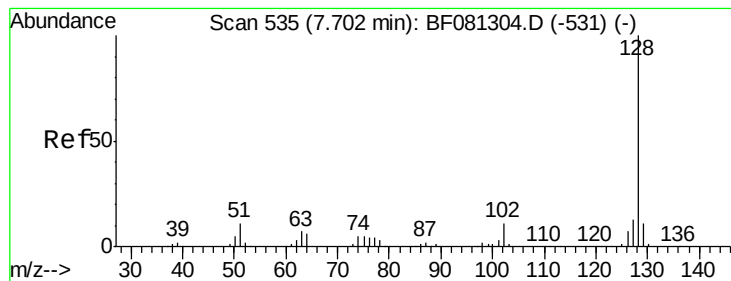
#30
 1,2,4-Trichlorobenzene
 Concen: 39.88 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.1	115.7
145	35.1	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.08 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

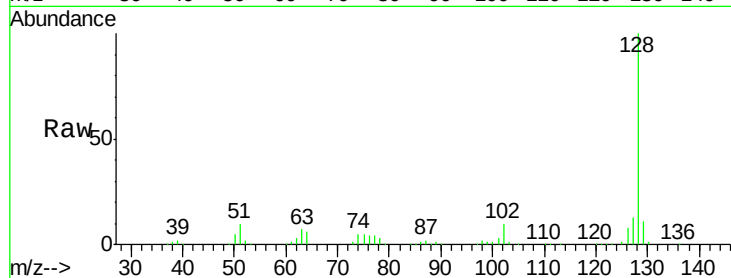
Tot Ion:128 Resp: 464523

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

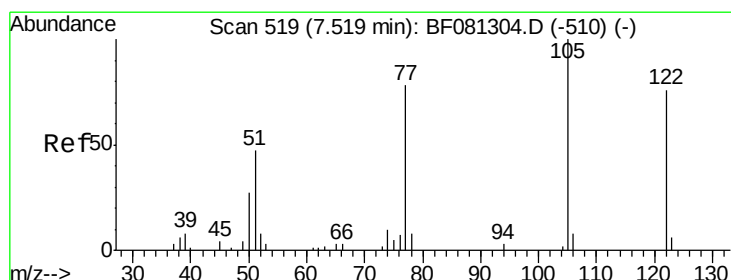
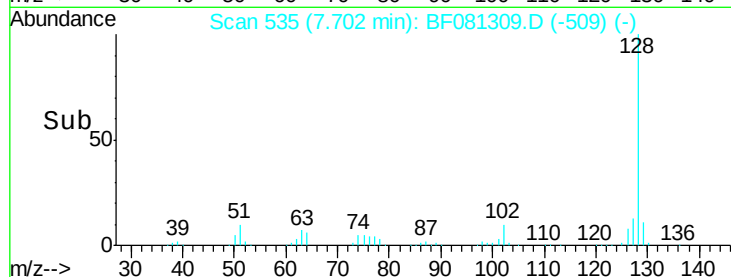
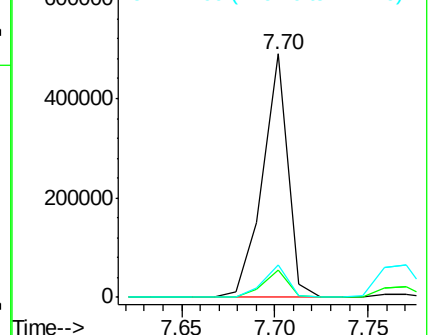
127 13.4 9.9 14.9



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: 37.58 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

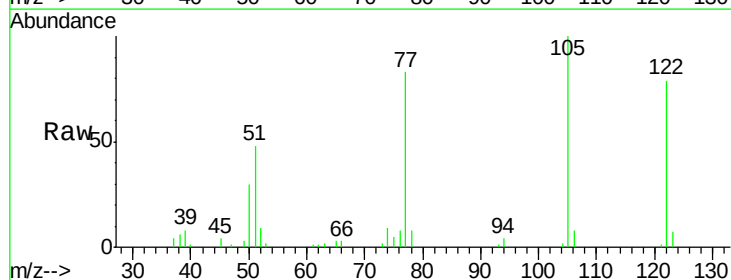
Tgt Ion:122 Resp: 93009

Ion Ratio Lower Upper

122 100

105 125.8 76.1 116.1#

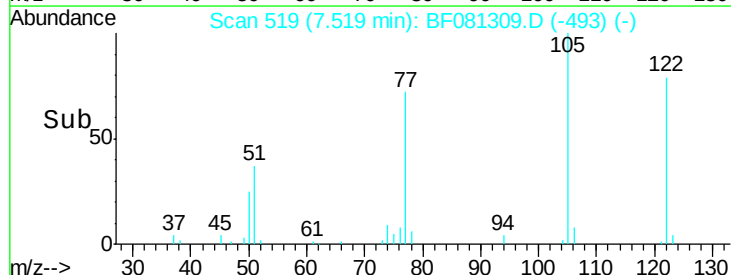
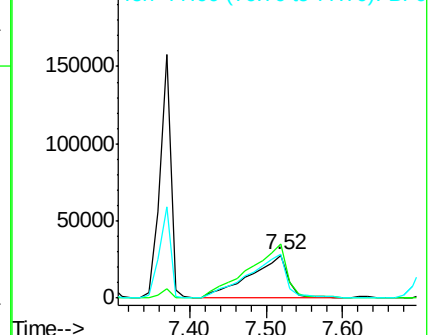
77 103.8 40.5 80.5#

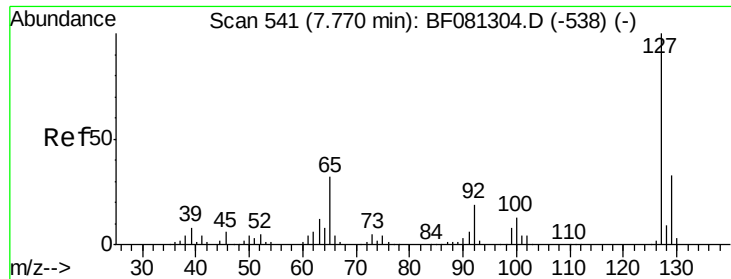


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

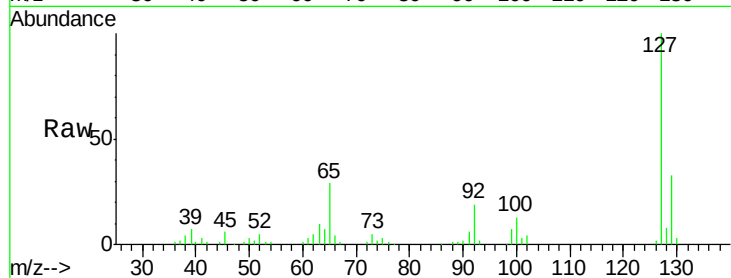




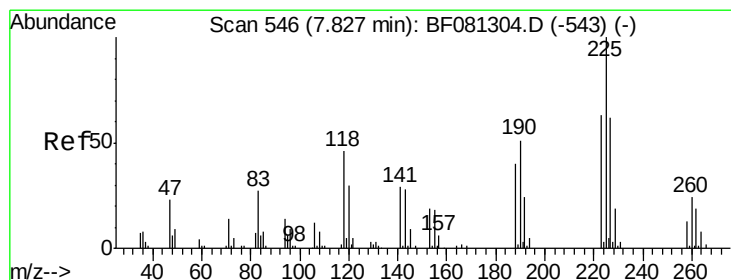
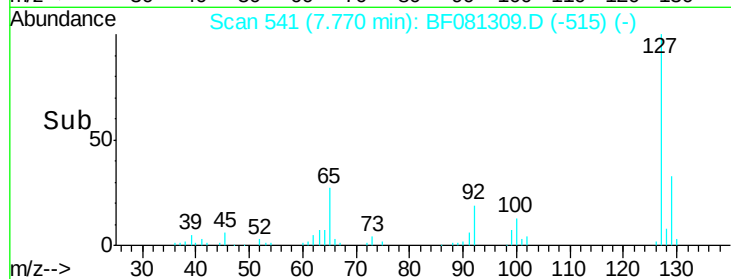
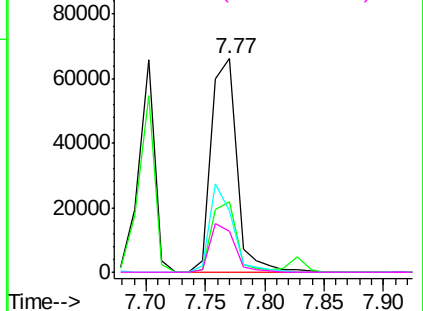
#33
4-Chloroaniline
Concen: 20.99 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	99195
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.6
65	28.8	17.9	26.9#
92	19.0	10.5	15.7#

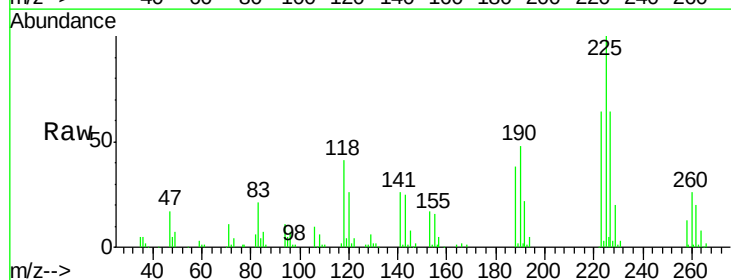


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

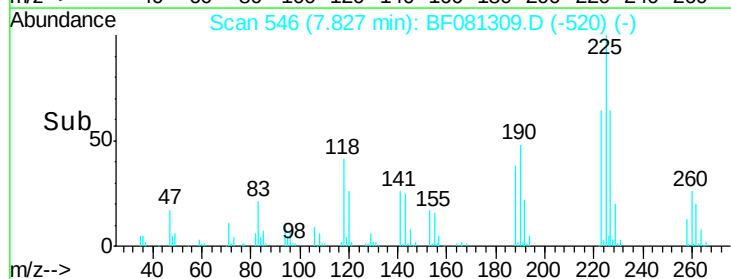
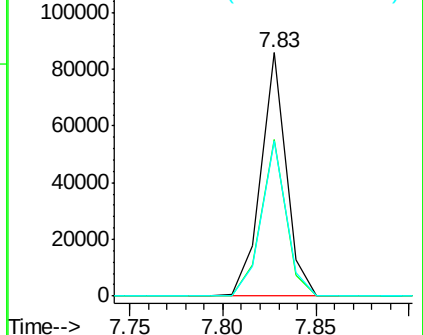


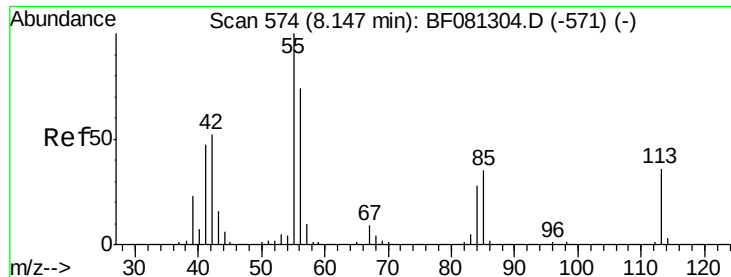
#34
Hexachlorobutadiene
Concen: 39.75 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion:	225	Resp:	80247
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.2
227	63.7	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

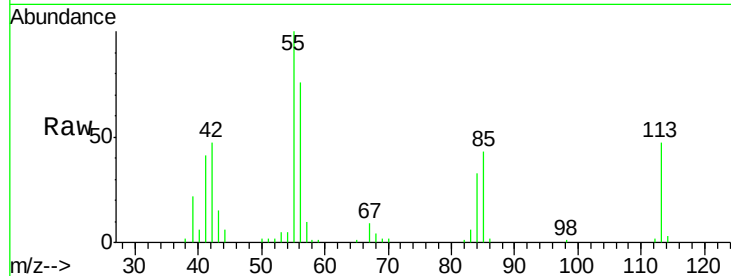




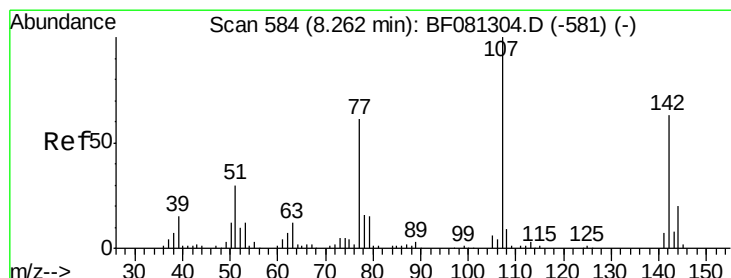
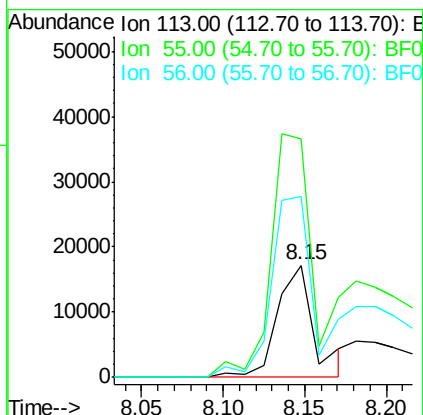
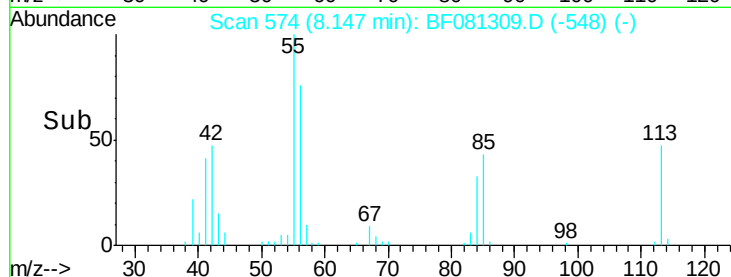
#35
 Caprolactam
 Concen: 28.74 ng
 RT: 8.15 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 26914
 Ion Ratio Lower Upper
 113 100
 55 213.6 152.4 192.4#
 56 161.5 104.6 144.6#

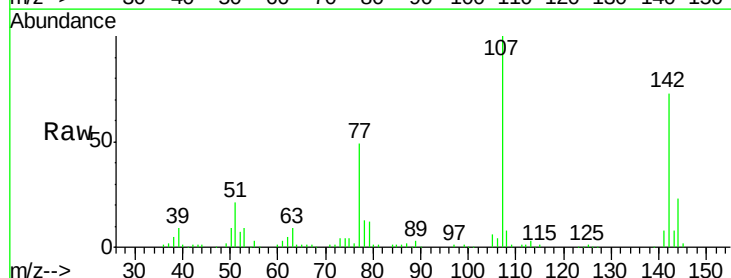


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

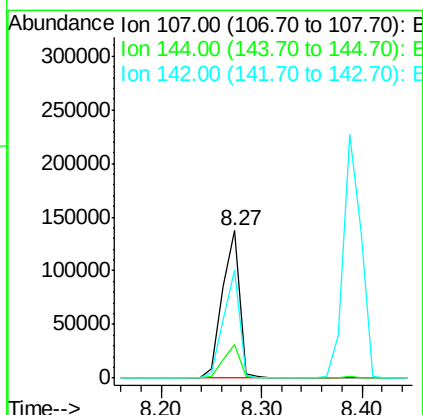
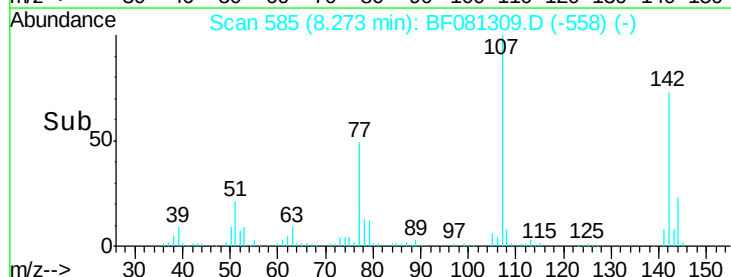


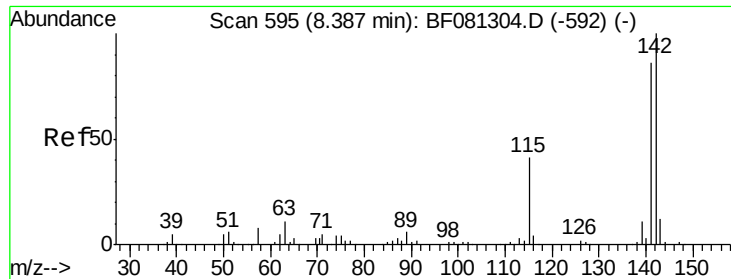
#36
 4-Chloro-3-methylphenol
 Concen: 47.78 ng
 RT: 8.27 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:107 Resp: 163299
 Ion Ratio Lower Upper
 107 100
 144 23.3 25.4 38.0#
 142 73.2 77.3 115.9#



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

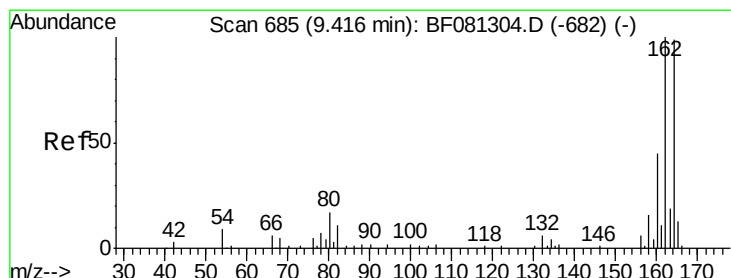
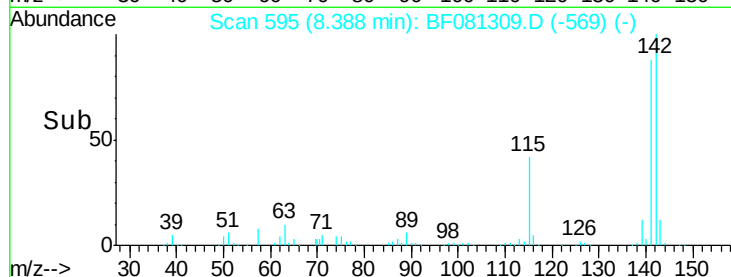
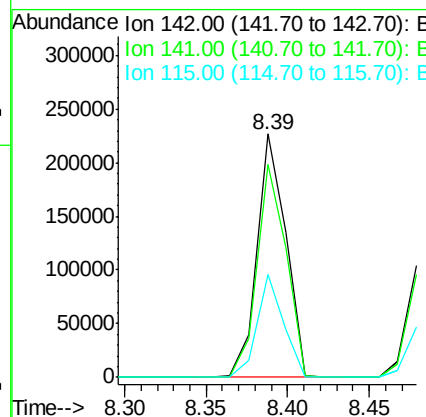
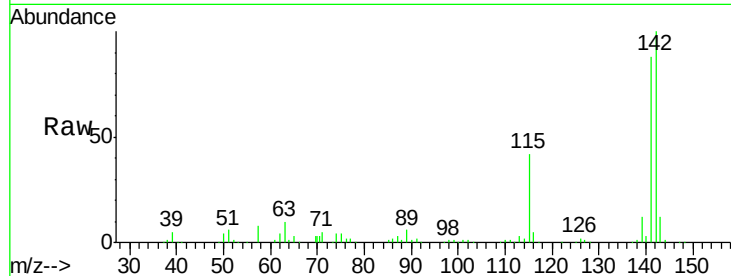




#37
2-Methylnaphthalene
Concen: 36.74 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

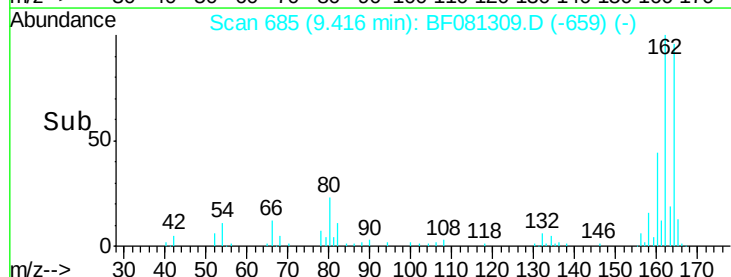
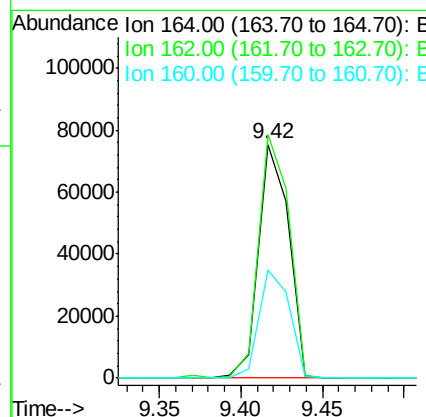
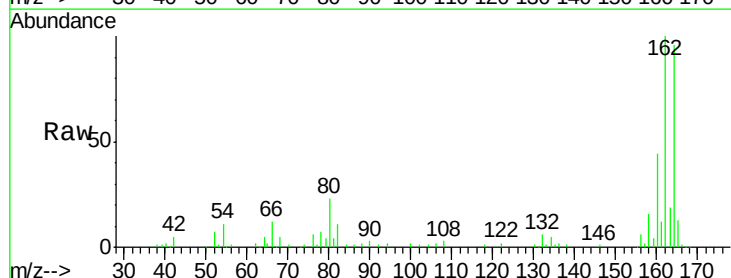
Instrument :
BNA_F
ClientSampleId :

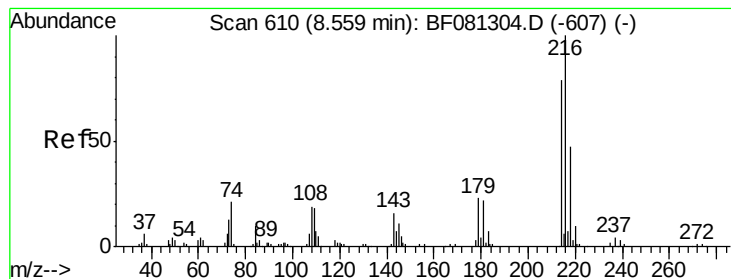
Tot Ion:142 Resp: 277098
Ion Ratio Lower Upper
142 100
141 87.7 67.5 101.3
115 42.4 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion:164 Resp: 96994
Ion Ratio Lower Upper
164 100
162 104.3 75.2 112.8
160 46.2 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.08 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081309.D

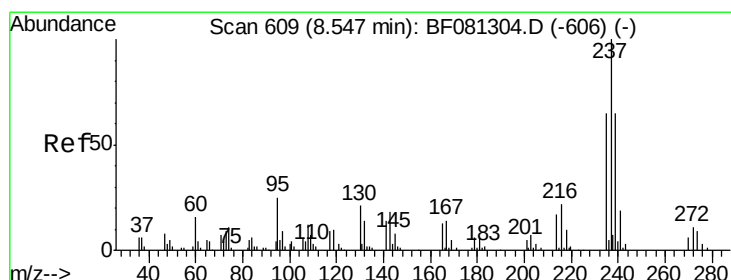
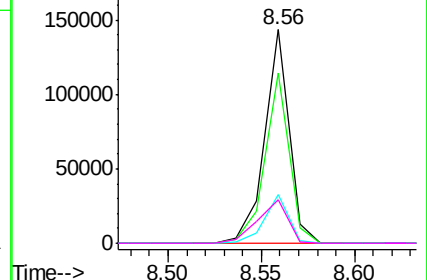
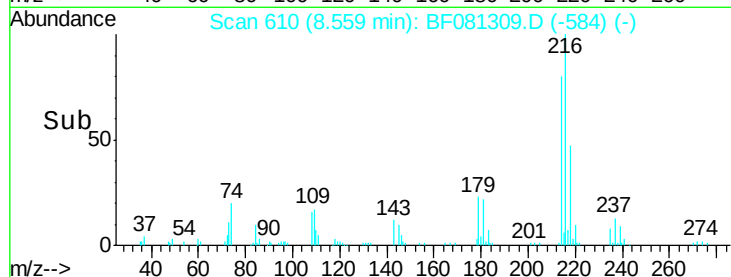
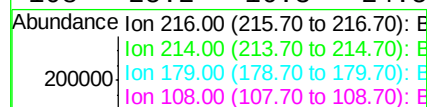
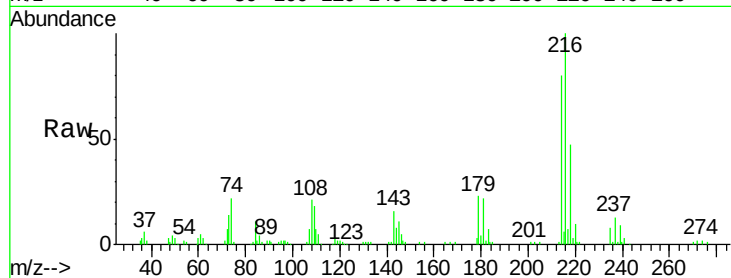
Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	129082
Ion Ratio		Lower	Upper
216	100		
214	79.1	63.5	95.3
179	22.3	16.6	24.8
108	25.2	16.3	24.5



#40

Hexachlorocyclopentadiene

Concen: 92.45 ng

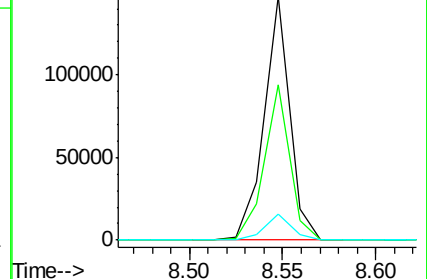
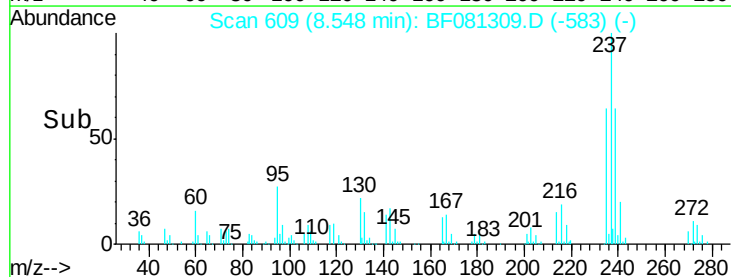
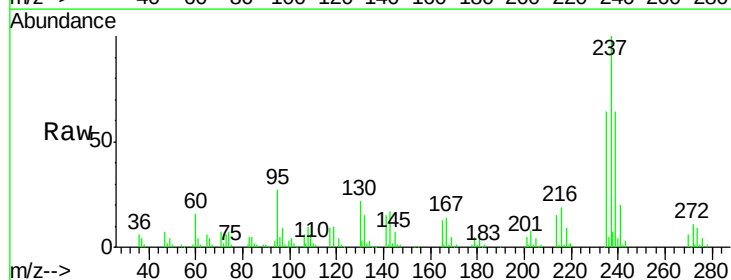
RT: 8.55 min Scan# 609

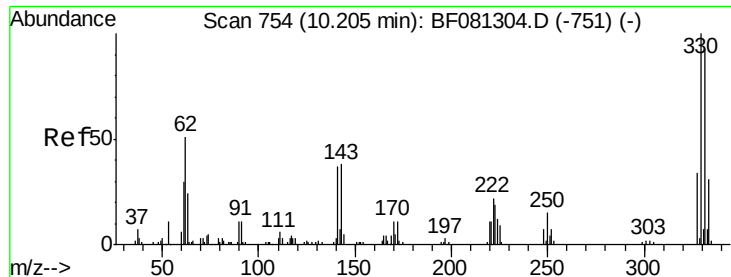
Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion:	237	Resp:	139170
Ion Ratio		Lower	Upper
237	100		
235	63.6	42.0	82.0
272	10.6	0.0	36.1

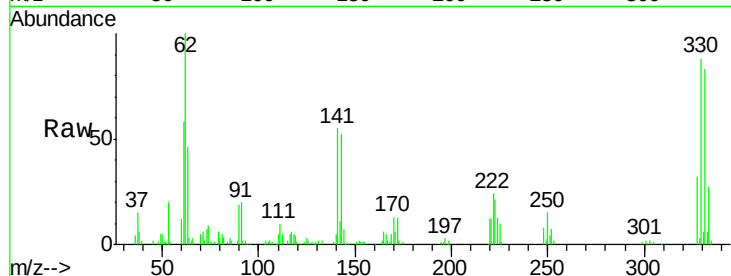




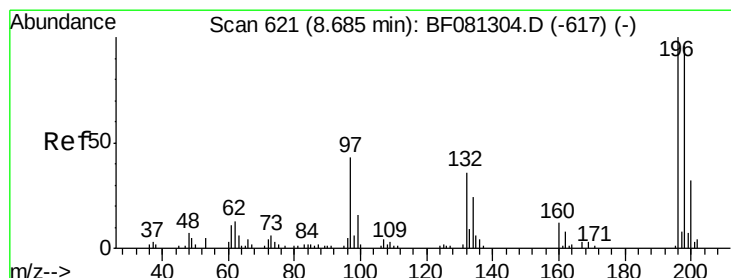
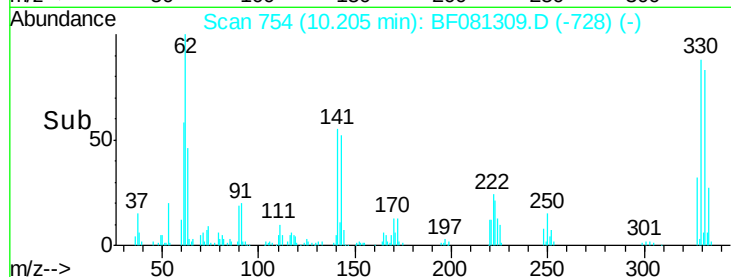
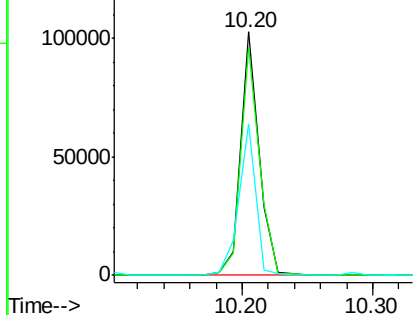
#41
 2,4,6-Tribromophenol
 Concen: 115.12 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 99418
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 56.7 29.7 44.5#

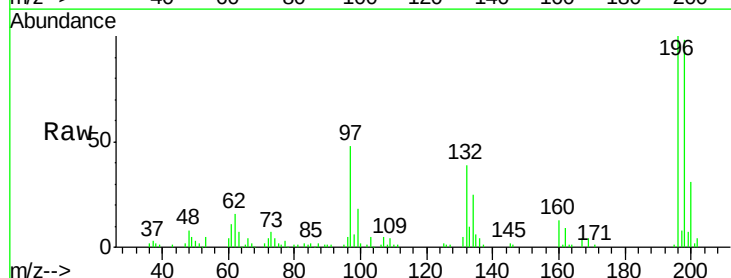


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

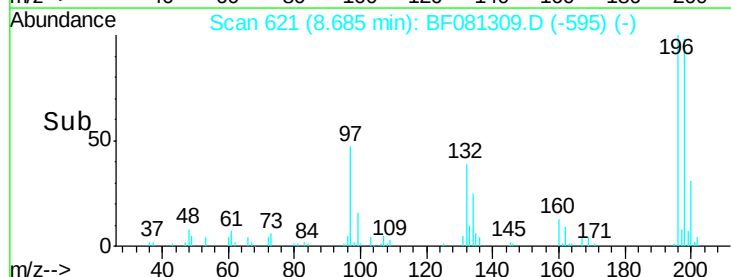
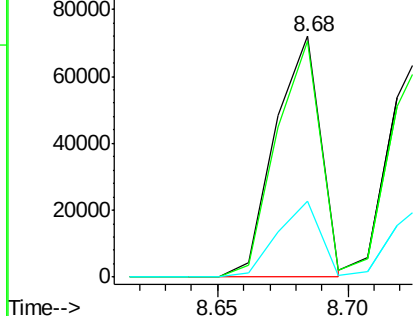


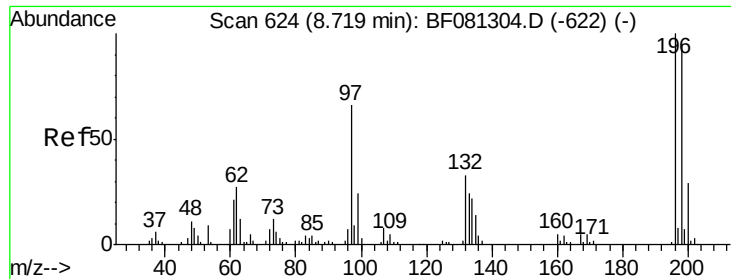
#42
 2,4,6-Trichlorophenol
 Concen: 41.03 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:196 Resp: 86870
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.7 113.5
 200 31.3 23.9 35.9



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

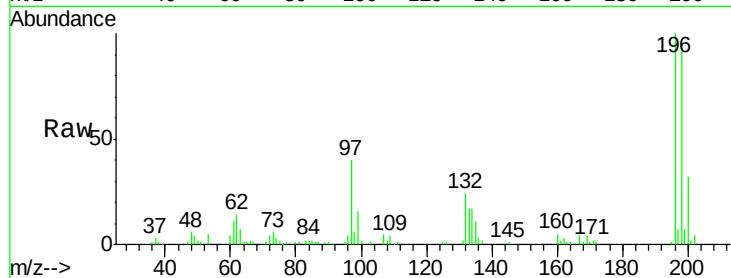




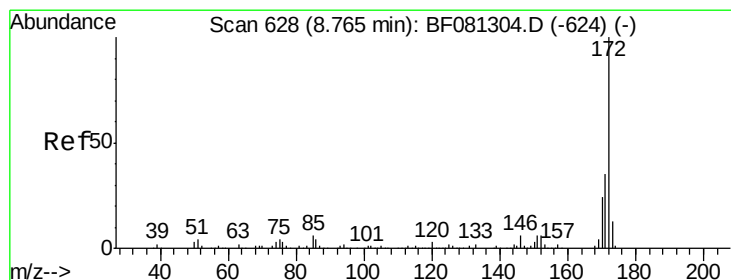
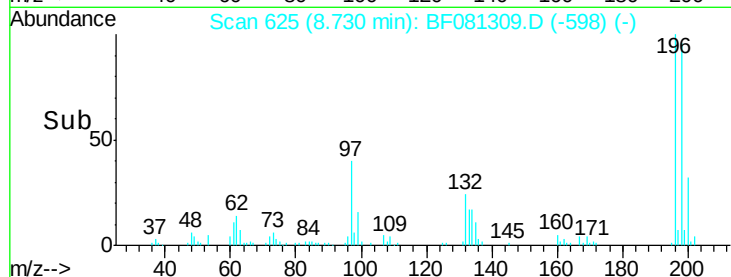
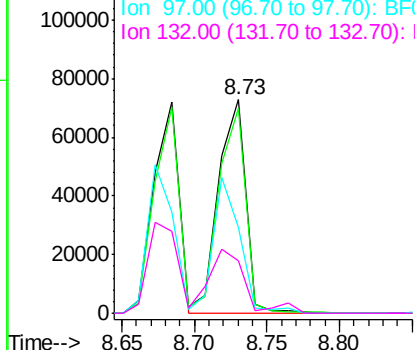
#43
 2,4,5-Trichlorophenol
 Concen: 43.62 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 94202
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.4 113.0
 97 40.1 33.3 49.9
 132 24.4 24.6 37.0#

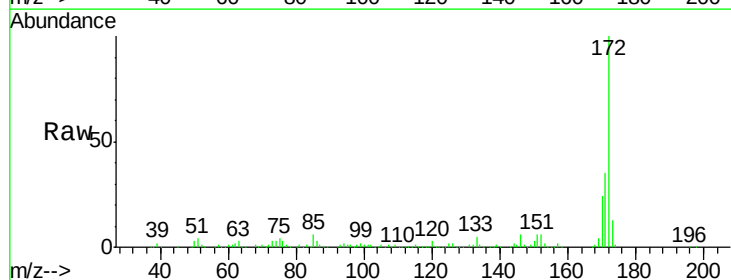


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

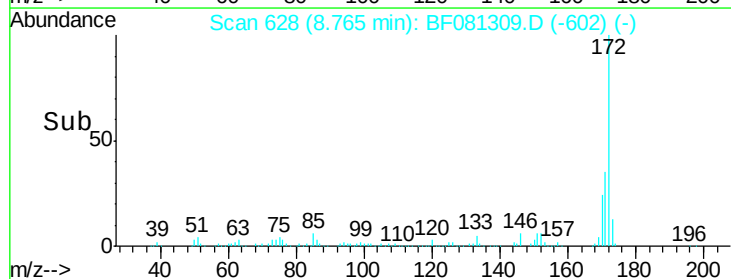
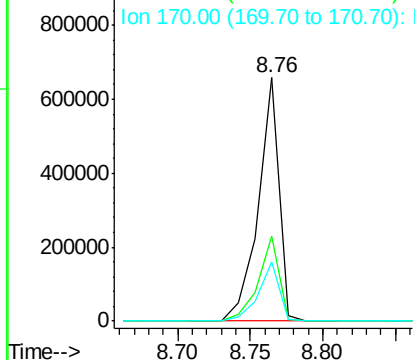


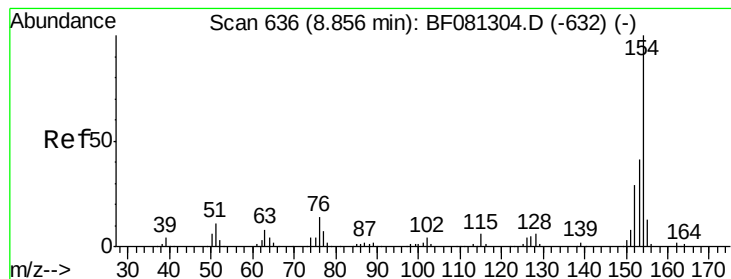
#44
 2-Fluorobiphenyl
 Concen: 85.58 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:172 Resp: 647773
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 24.3 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 37.57 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

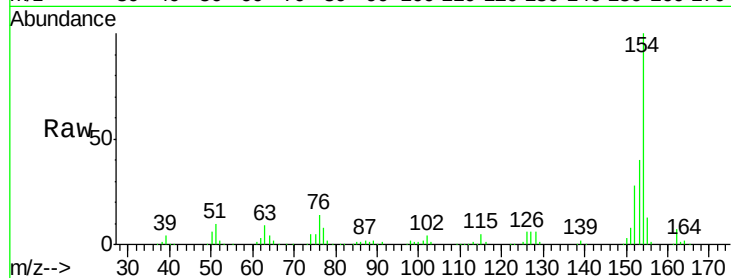
Tot Ion:154 Resp: 335224

Ion Ratio Lower Upper

154 100

153 40.0 17.1 57.1

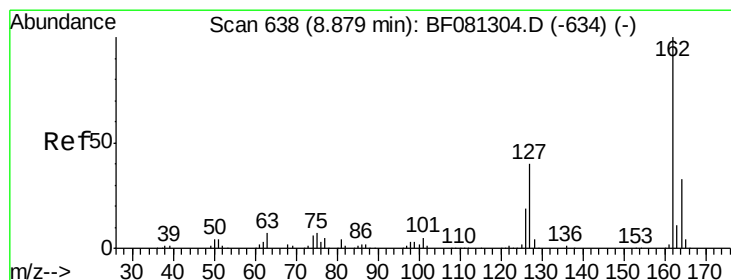
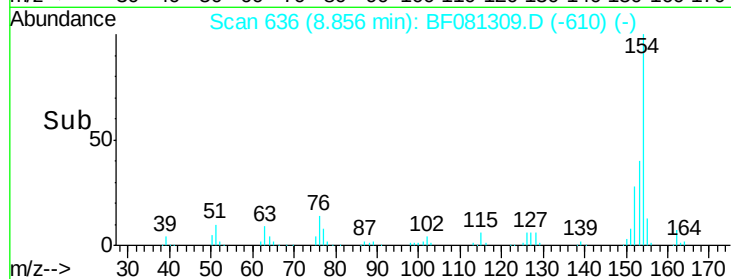
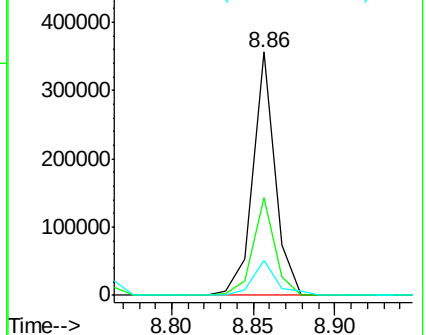
76 14.3 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.43 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

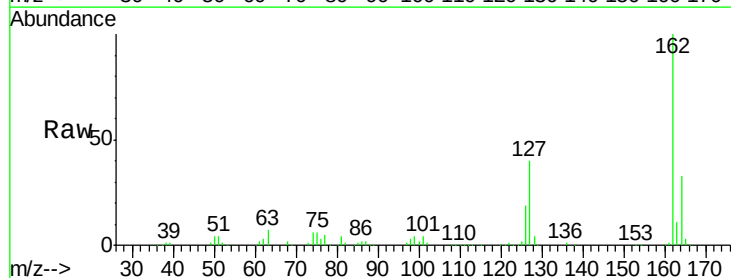
Tgt Ion:162 Resp: 279852

Ion Ratio Lower Upper

162 100

127 39.6 27.6 41.4

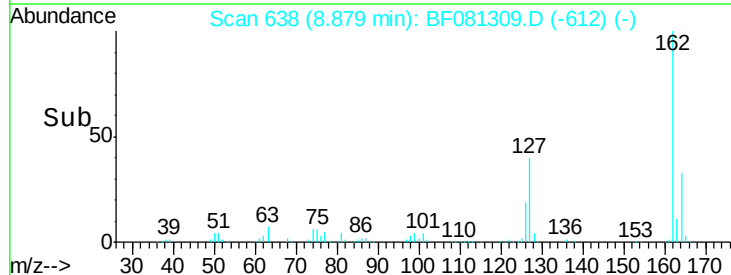
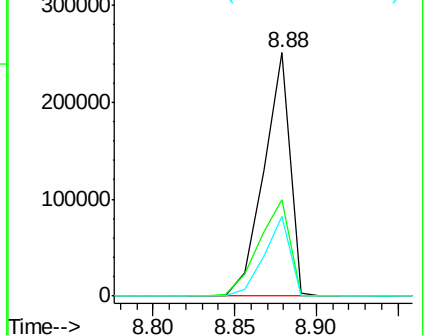
164 32.9 25.4 38.2

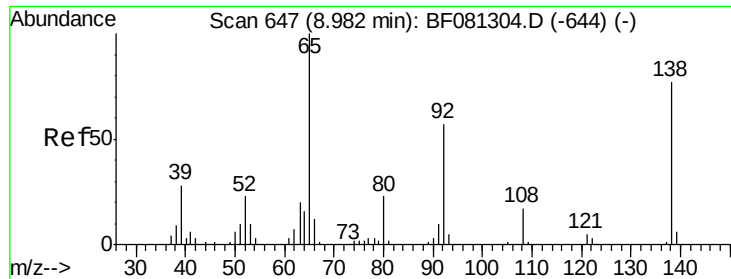


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

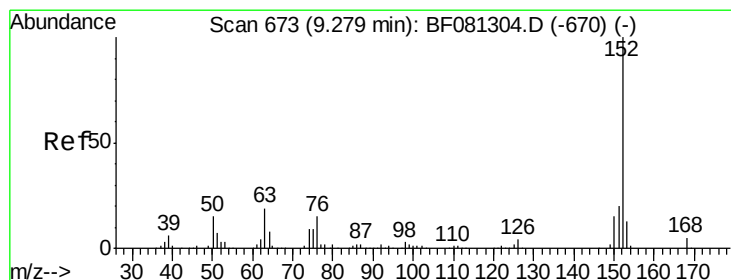
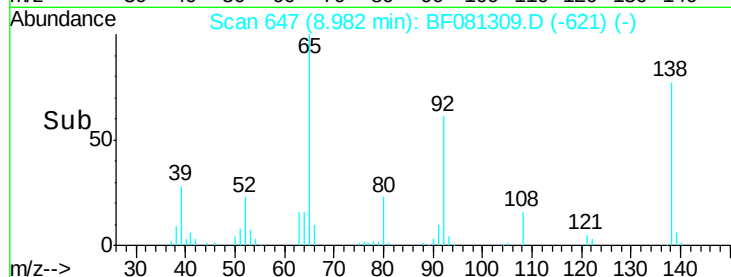
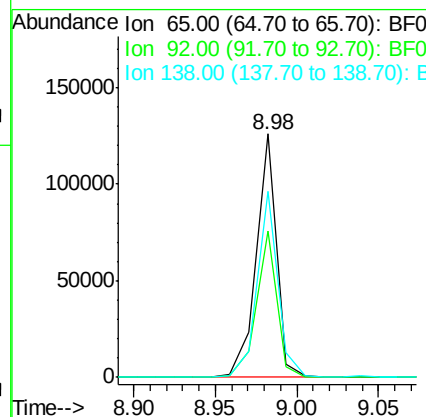
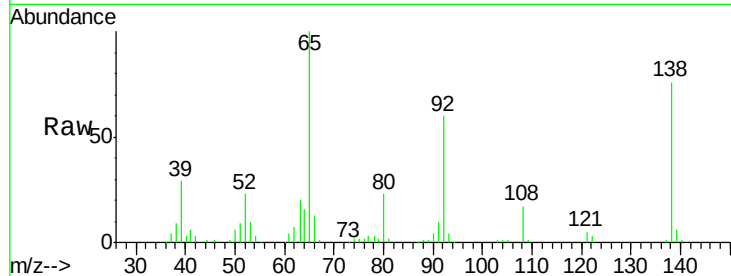




#47
2-Nitroaniline
Concen: 41.48 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

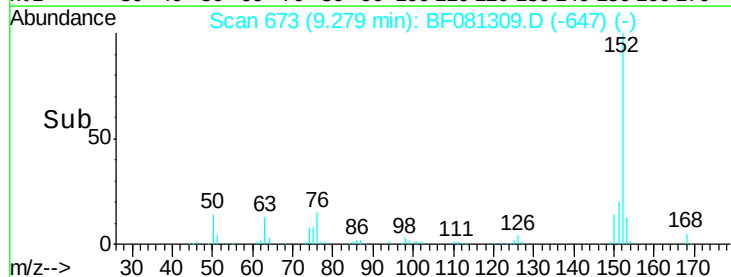
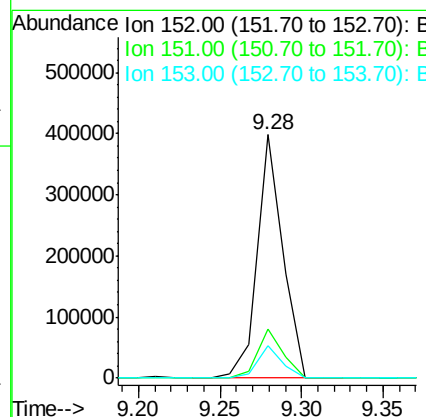
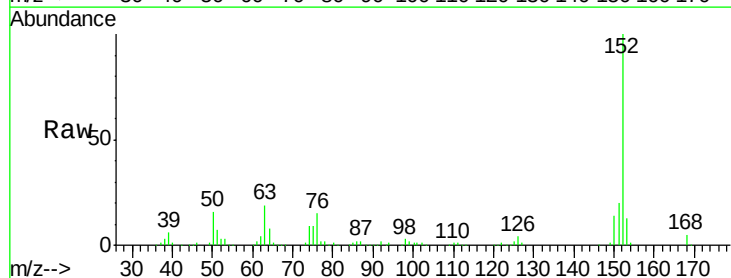
Instrument :
BNA_F
ClientSampleId :

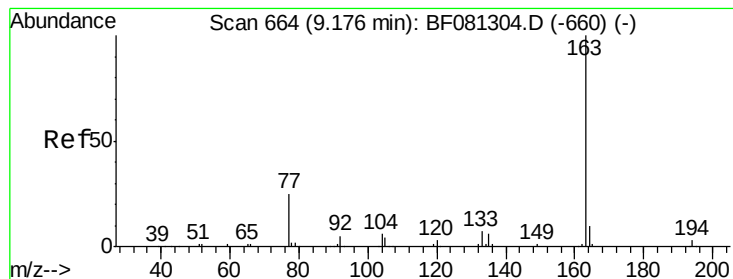
Tot Ion: 65 Resp: 108951
Ion Ratio Lower Upper
65 100
92 60.3 55.4 83.0
138 76.5 115.5 173.3#



#48
Acenaphthylene
Concen: 37.90 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion: 152 Resp: 433274
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.2 10.3 15.5





#49

Dimethylphthalate

Concen: 41.47 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

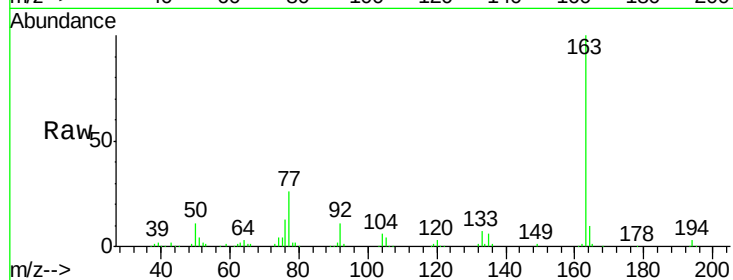
Tot Ion:163 Resp: 312546

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

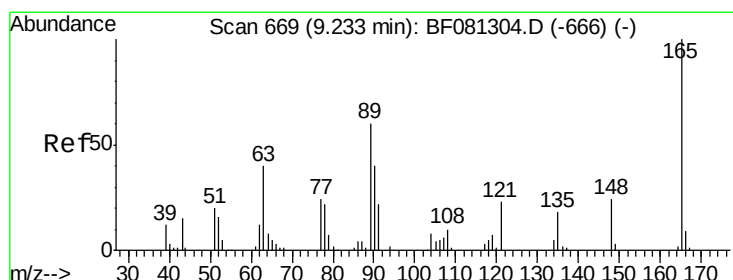
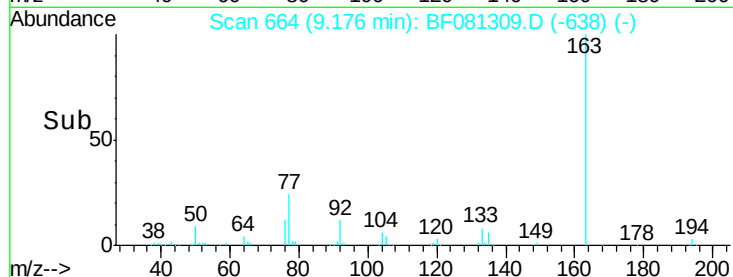
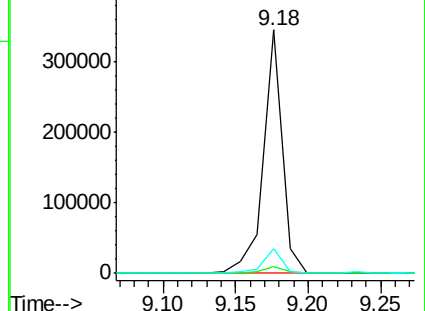
164 10.1 8.3 12.5



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: 44.23 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

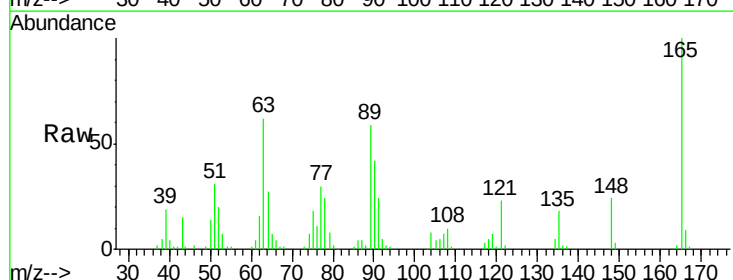
Tgt Ion:165 Resp: 75649

Ion Ratio Lower Upper

165 100

63 62.4 32.3 48.5#

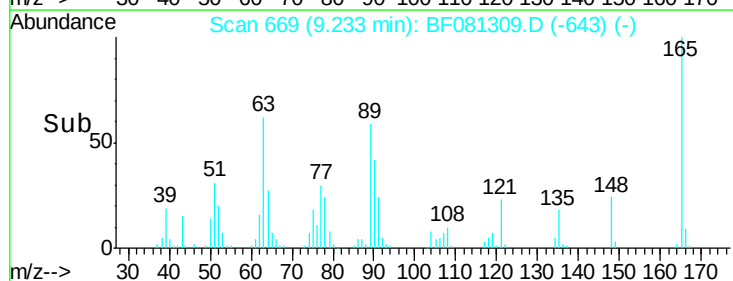
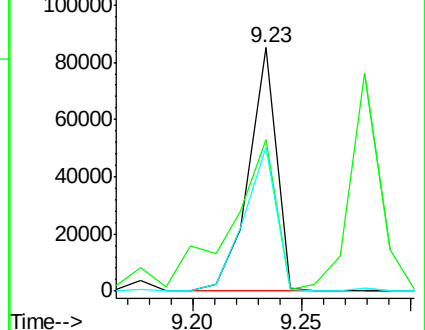
89 59.0 28.6 43.0#

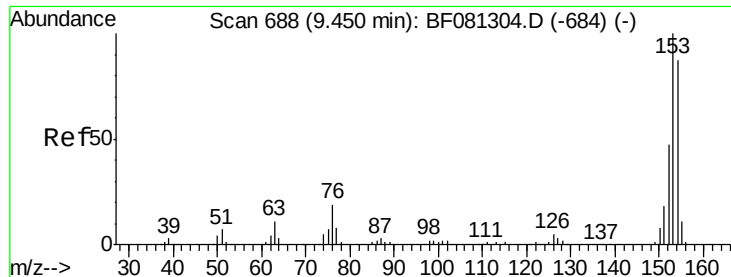


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.24 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

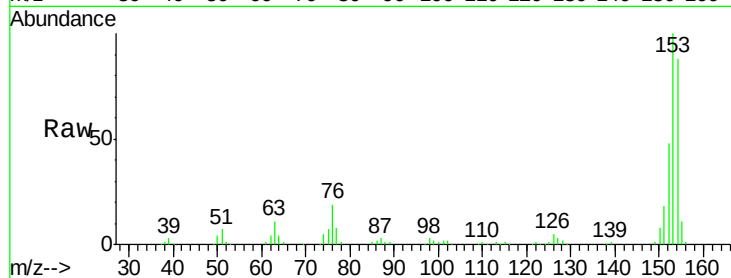
Tot Ion:154 Resp: 242220

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

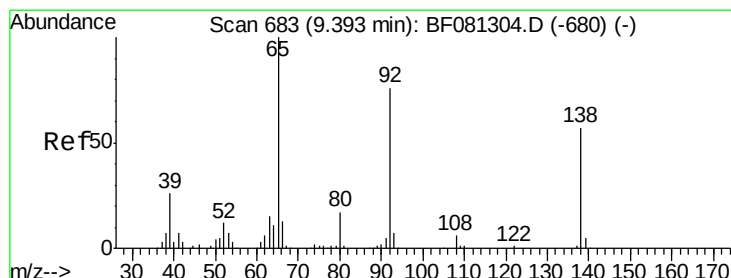
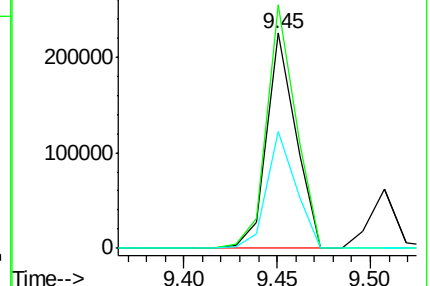
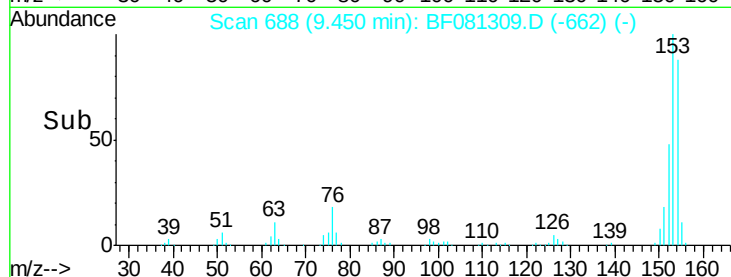
152 54.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.31 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

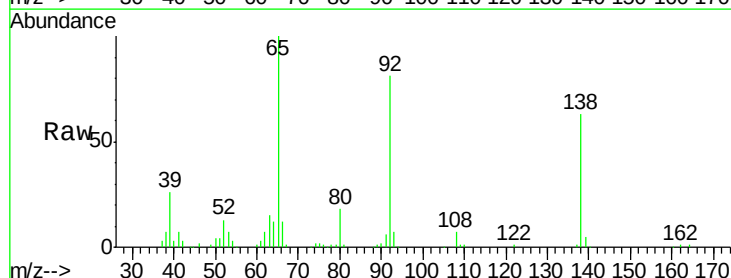
Tgt Ion:138 Resp: 55130

Ion Ratio Lower Upper

138 100

108 11.5 5.7 8.5#

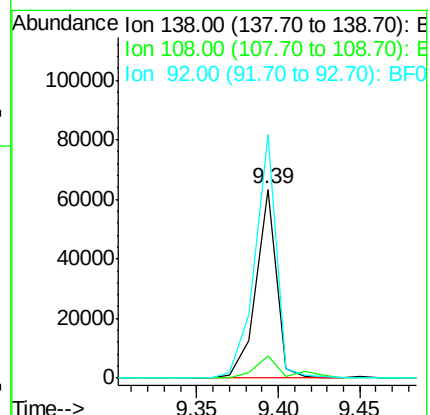
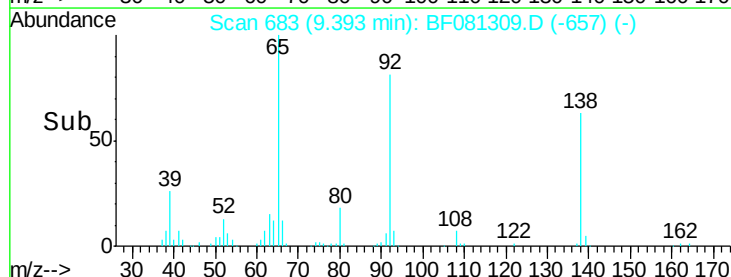
92 129.1 67.7 101.5#

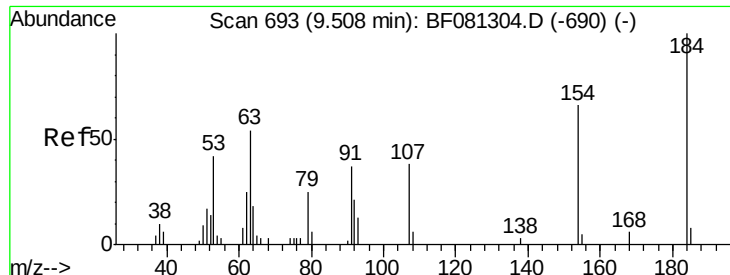


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

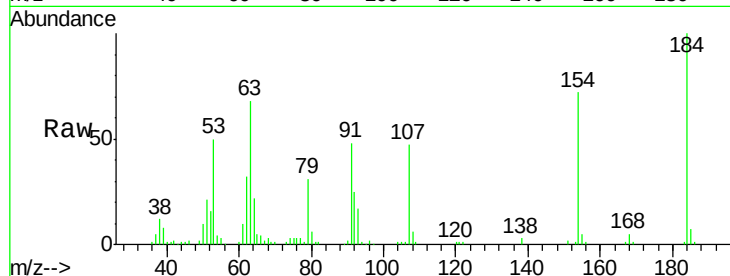




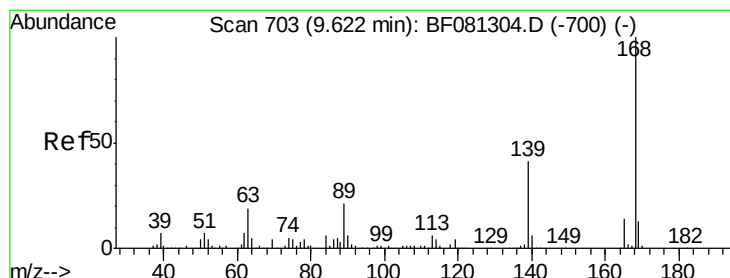
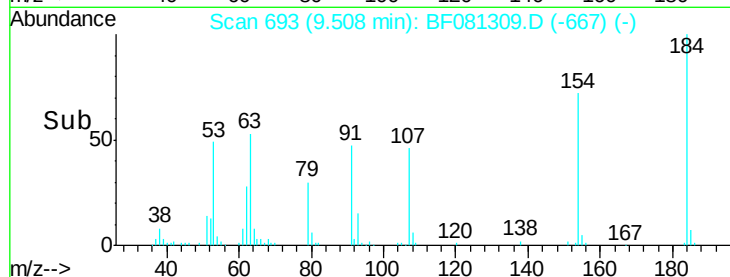
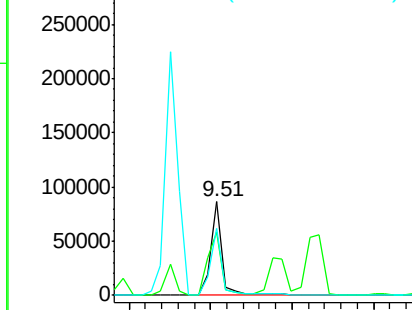
#53
 2,4-Dinitrophenol
 Concen: 122.32 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 88118
 Ion Ratio Lower Upper
 184 100
 63 68.0 35.4 53.2#
 154 71.6 32.2 48.4#

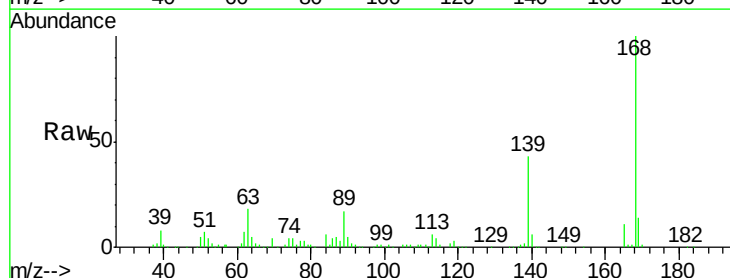


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

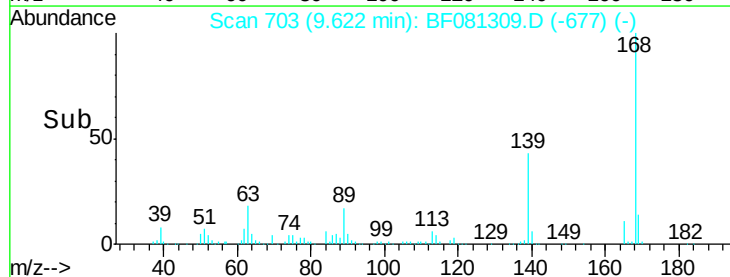
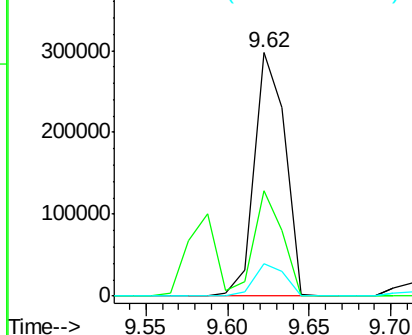


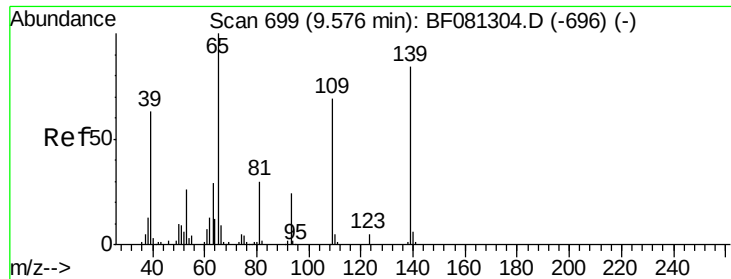
#54
 Dibenzofuran
 Concen: 40.84 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:168 Resp: 387877
 Ion Ratio Lower Upper
 168 100
 139 43.2 24.2 36.2#
 169 13.6 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: 99.39 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

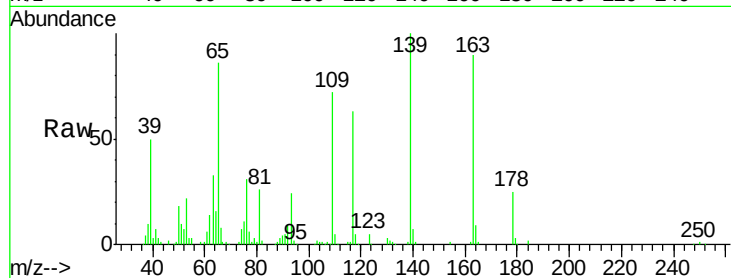
Tot Ion:139 Resp: 121588

Ion Ratio Lower Upper

139 100

109 72.2 12.7 52.7#

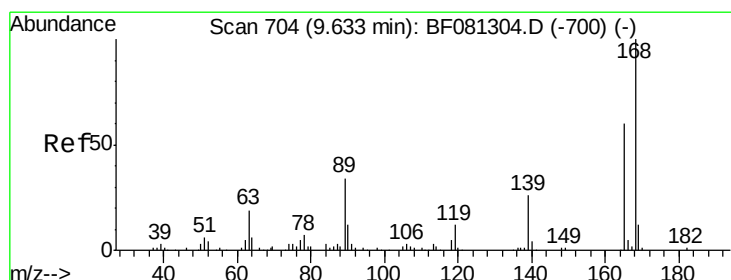
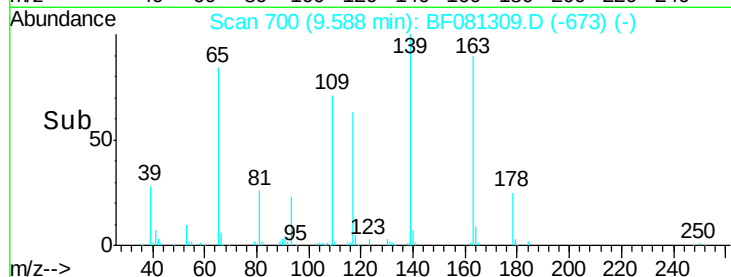
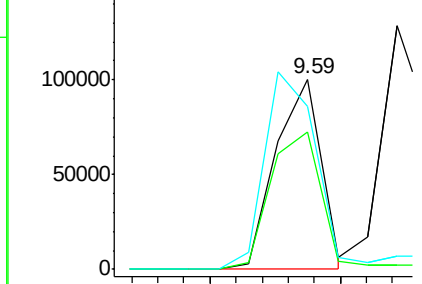
65 86.0 45.9 85.9#



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: 47.69 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion:165 Resp: 103859

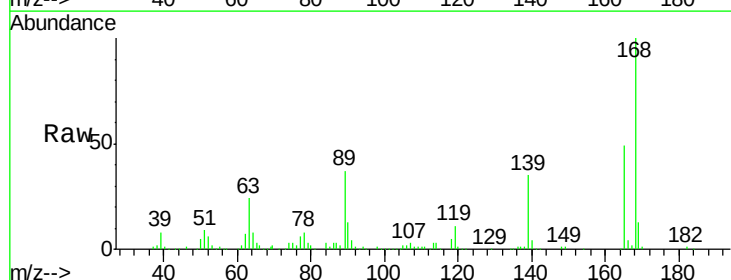
Ion Ratio Lower Upper

165 100

63 50.1 29.8 44.6#

89 75.2 44.5 66.7#

182 2.1 3.0 4.4#

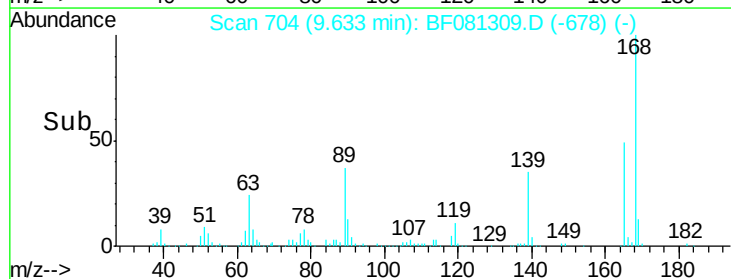
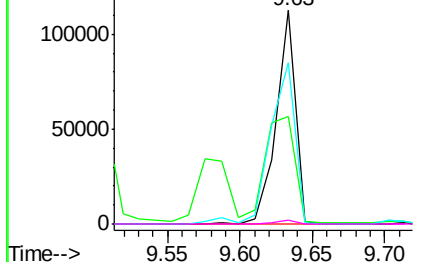


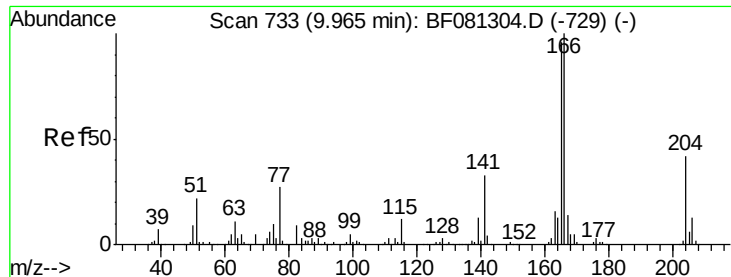
Abundance Ion 165.00 (164.70 to 165.70): E

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

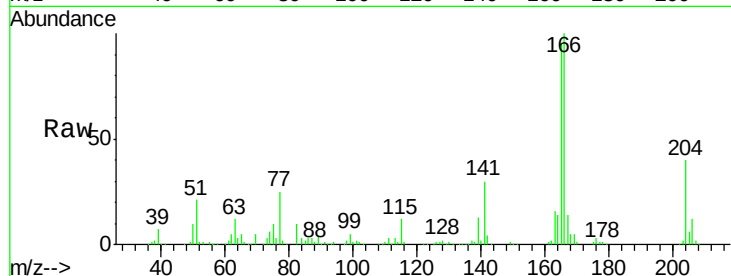




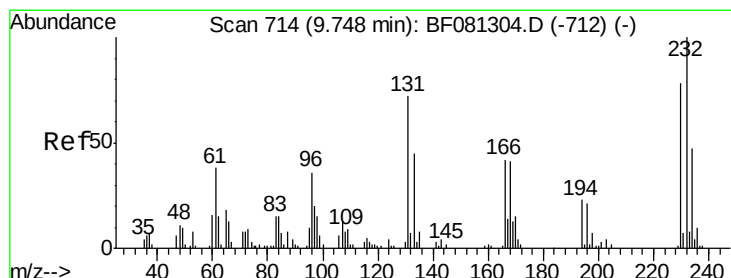
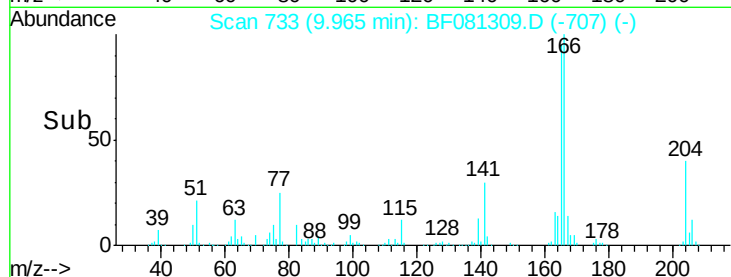
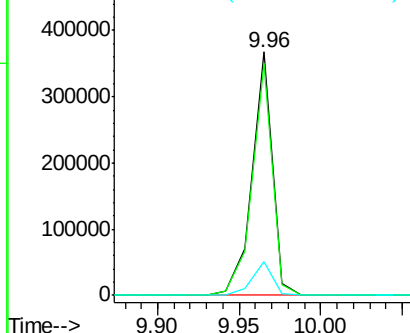
#57
 Fluorene
 Concen: 44.14 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.1	72.6	109.0
167	13.7	10.6	16.0



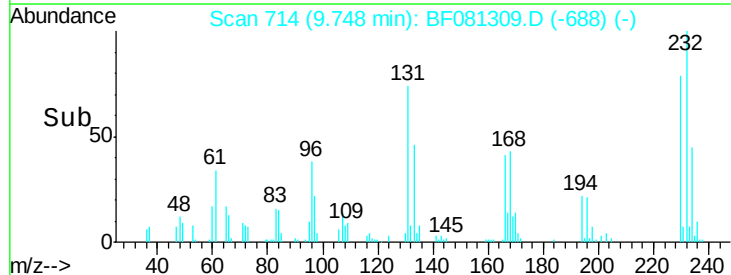
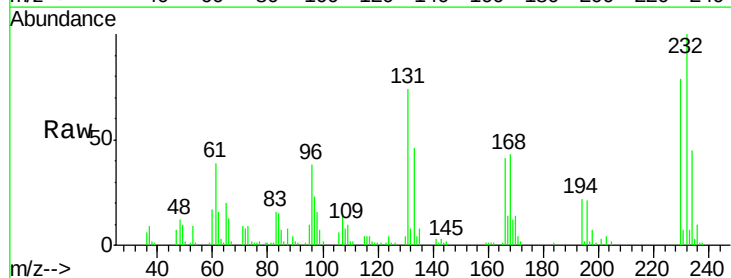
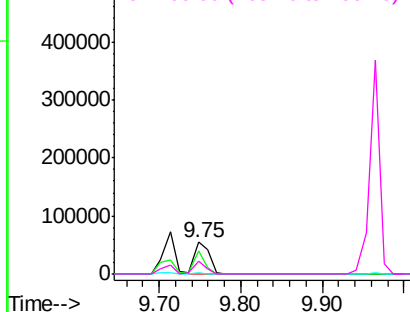
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

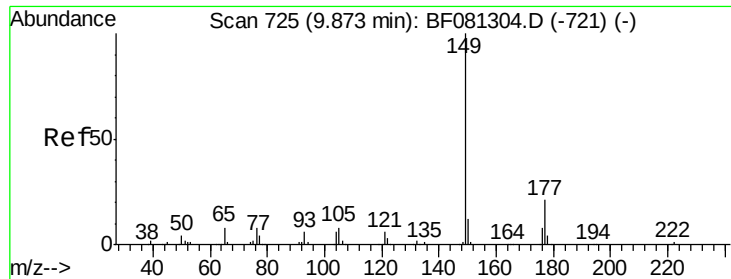


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.20 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.2	38.5	57.7
130	2.5	1.8	2.6
166	33.1	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

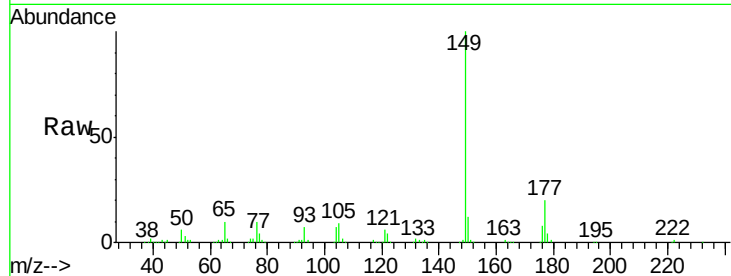




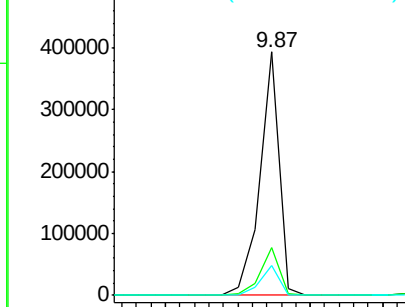
#59
Diethylphthalate
Concen: 45.38 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :

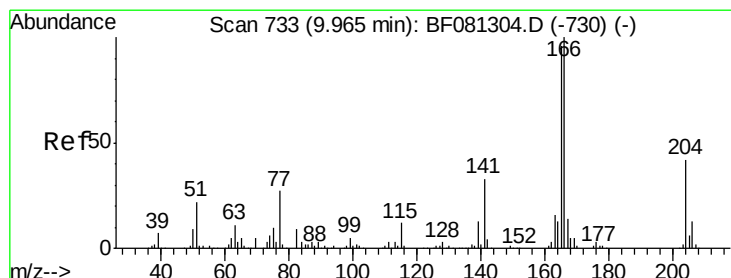
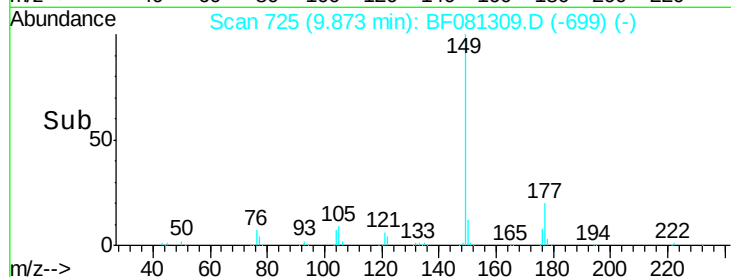
Tot Ion:149 Resp: 359720
Ion Ratio Lower Upper
149 100
177 19.8 17.5 26.3
150 12.5 9.4 14.2



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

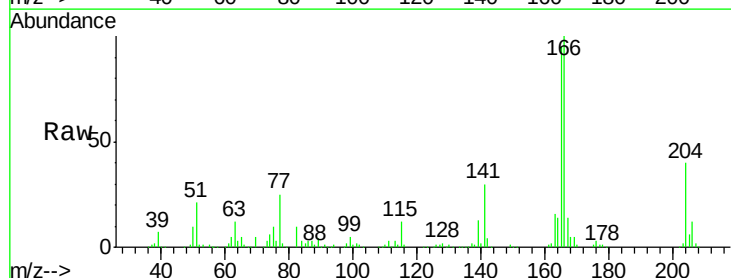


Time-->

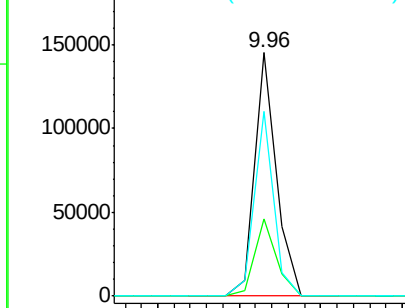


#60
4-Chlorophenyl-phenylether
Concen: 40.23 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

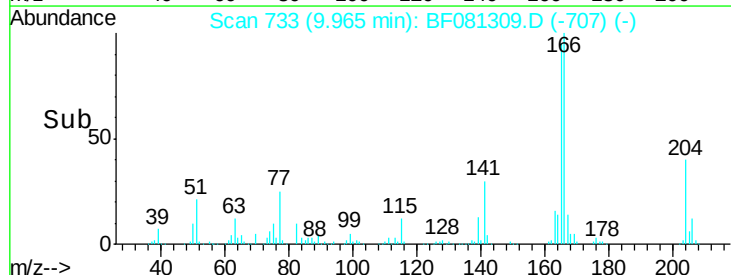
Tgt Ion:204 Resp: 135123
Ion Ratio Lower Upper
204 100
206 31.6 24.8 37.2
141 75.8 42.2 63.4#

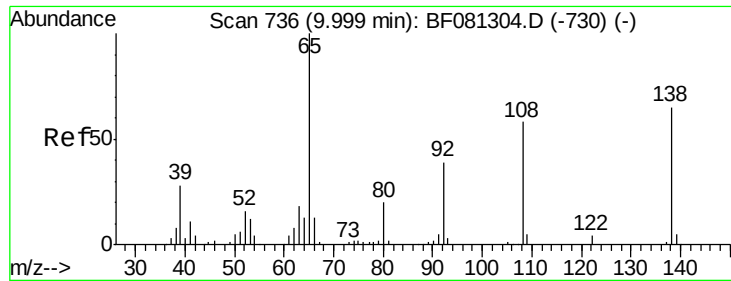


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 41.57 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

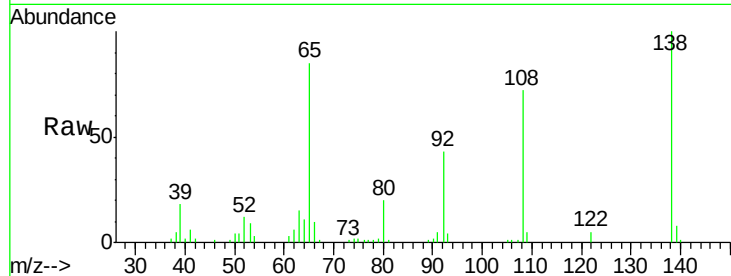
Tot Ion:138 Resp: 81785

Ion Ratio Lower Upper

138 100

92 42.7 12.6 52.6

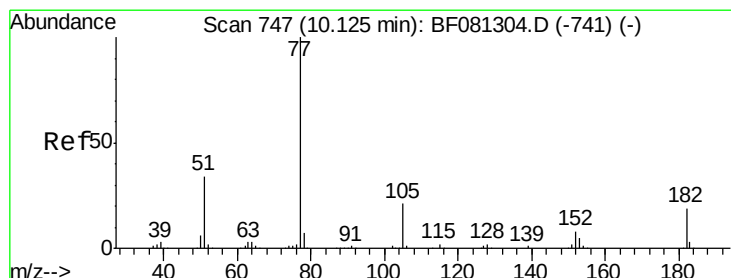
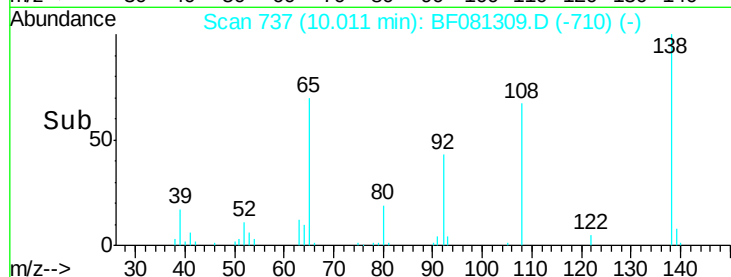
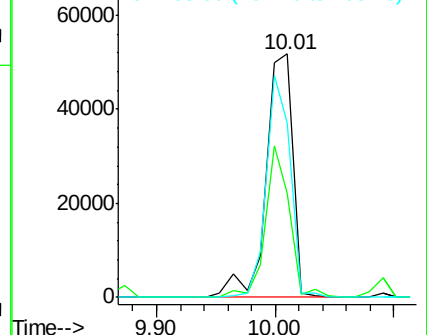
108 71.6 12.4 52.4#



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: 44.19 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion: 77 Resp: 389419

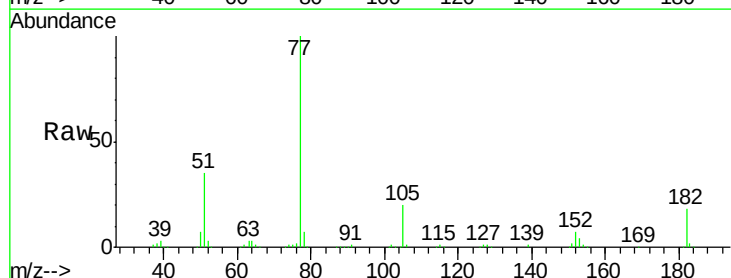
Ion Ratio Lower Upper

77 100

182 17.5 15.1 55.1

105 20.5 3.4 43.4

51 35.2 12.0 52.0

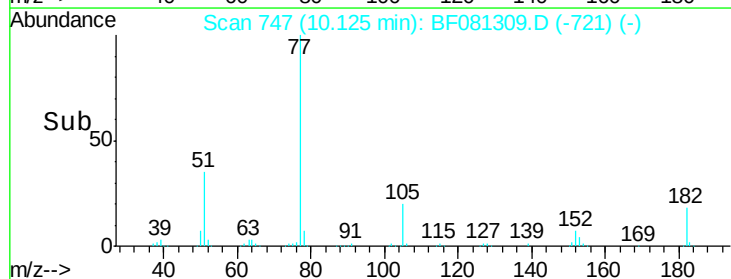
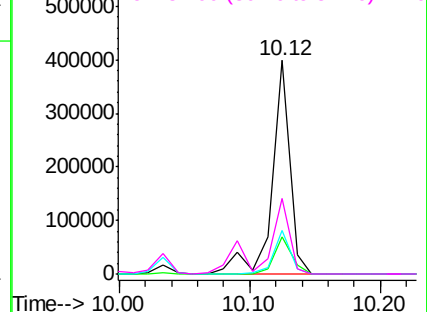


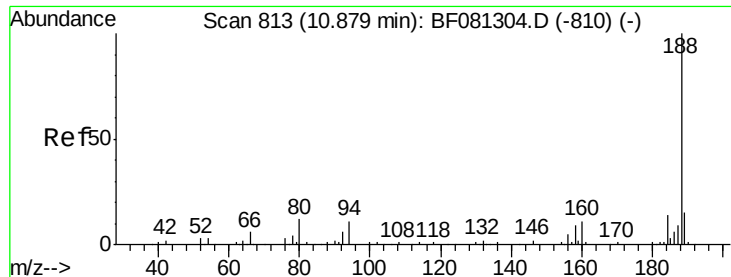
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

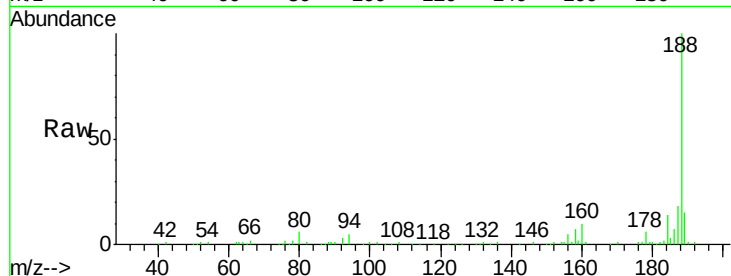




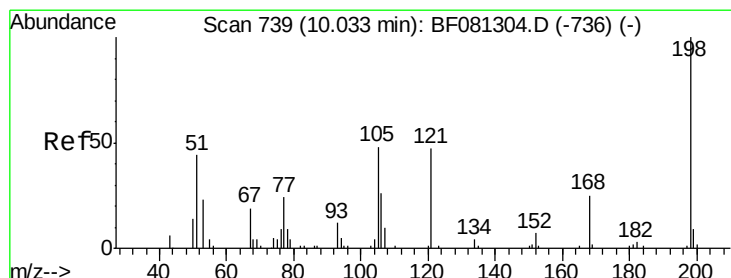
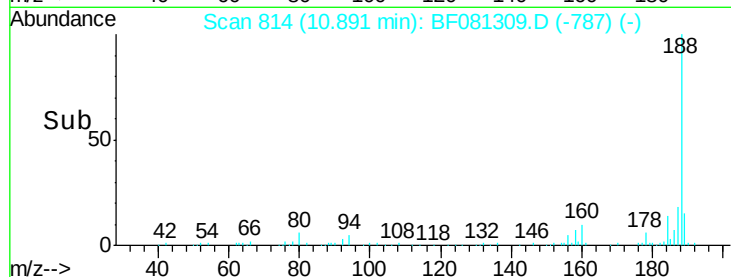
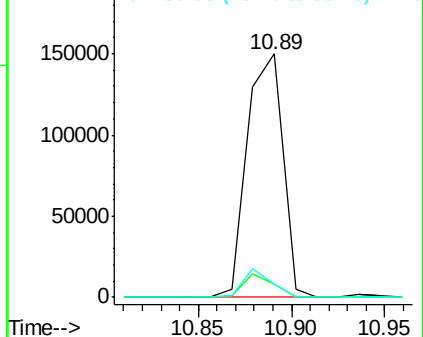
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 198529
 Ion Ratio Lower Upper
 188 100
 94 5.5 11.1 16.7#
 80 5.7 11.0 16.4#

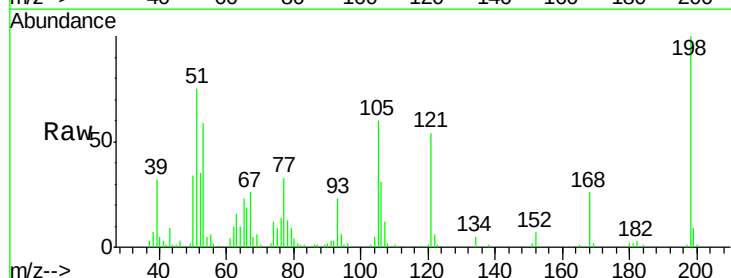


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

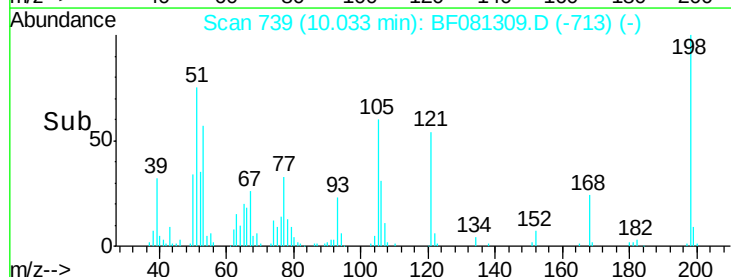
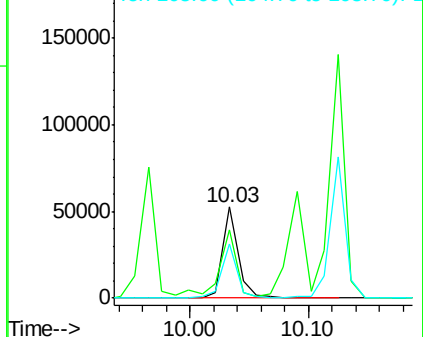


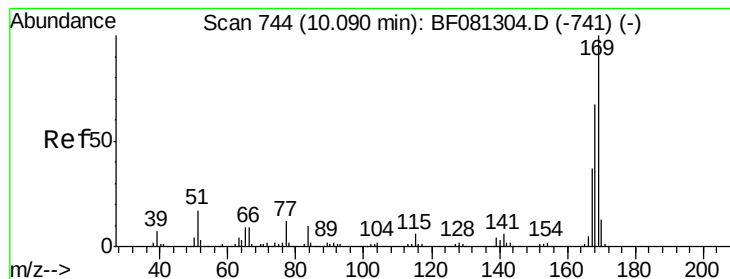
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.55 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:198 Resp: 47252
 Ion Ratio Lower Upper
 198 100
 51 74.6 39.6 79.6
 105 59.7 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

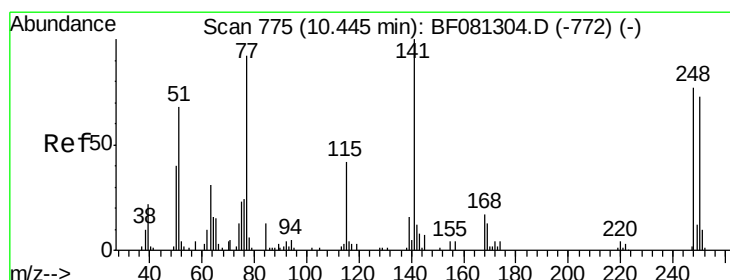
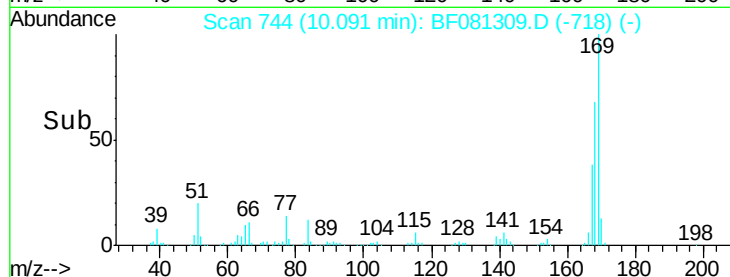
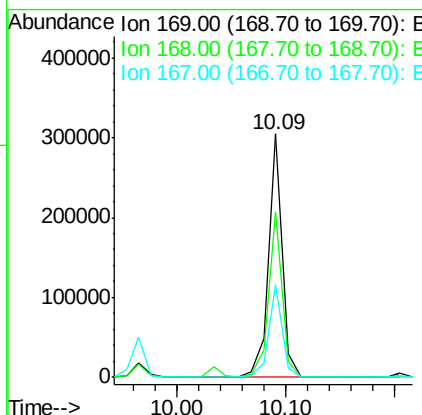
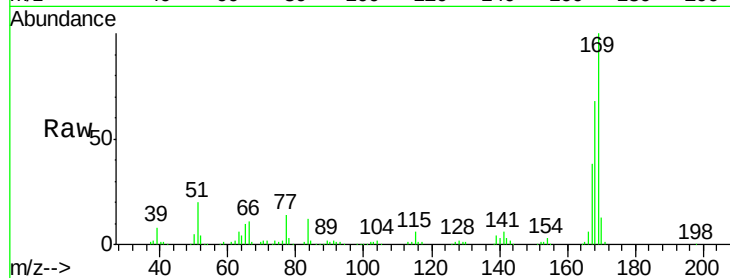




#65
n-Nitrosodiphenylamine
Concen: 37.21 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

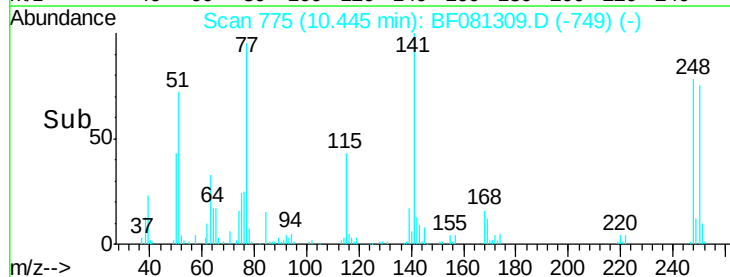
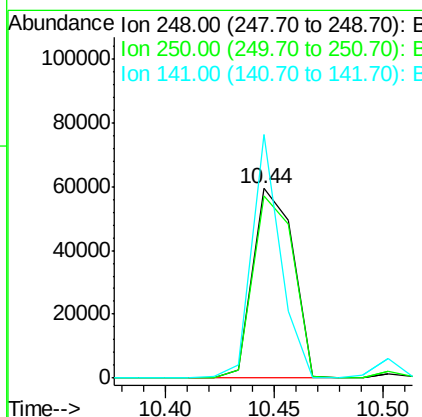
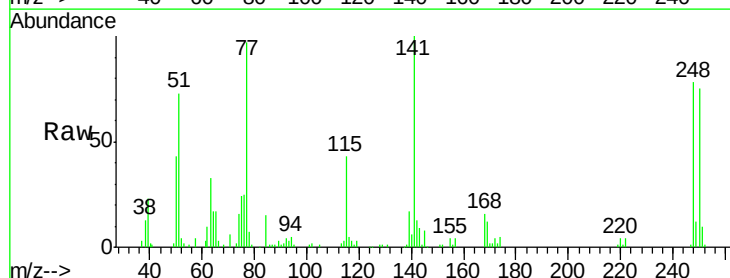
Instrument :
BNA_F
ClientSampleId :

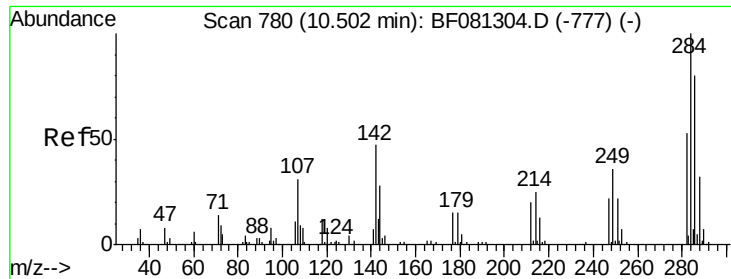
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	48.9	73.3
167	37.8	26.2	39.4



#66
4-Bromophenyl-phenylether
Concen: 38.15 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.5	117.7
141	128.5	59.0	88.6





#67

Hexachlorobenzene

Concen: 39.25 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

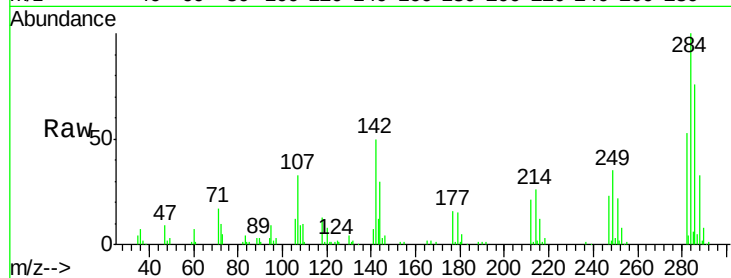
Tot Ion:284 Resp: 82383

Ion Ratio Lower Upper

284 100

142 49.8 29.5 44.3#

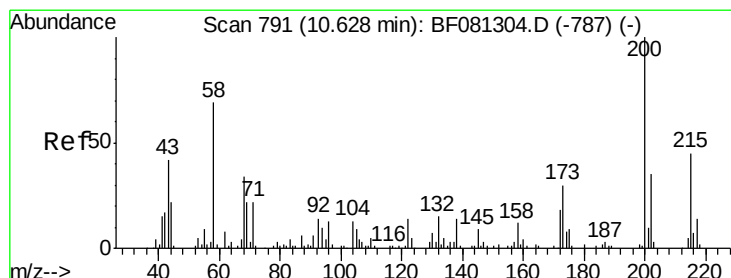
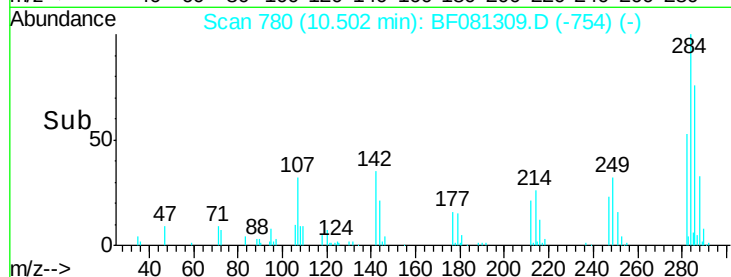
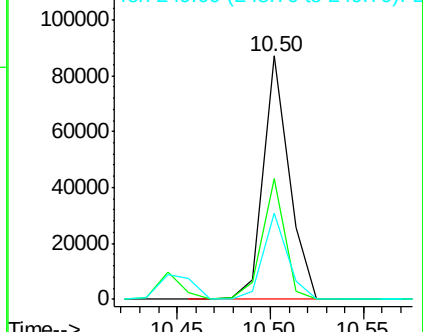
249 35.2 19.5 29.3#



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: 37.98 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

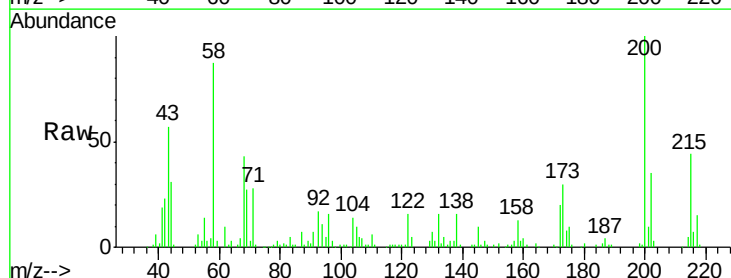
Tgt Ion:200 Resp: 79402

Ion Ratio Lower Upper

200 100

173 29.9 13.2 53.2

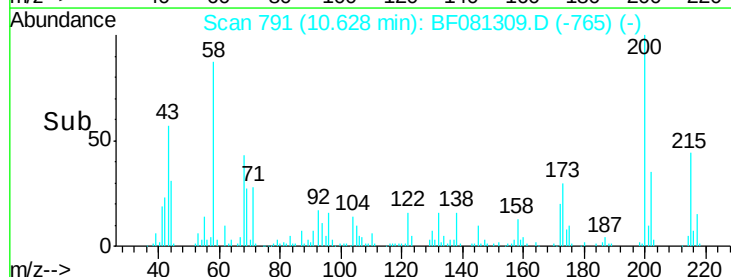
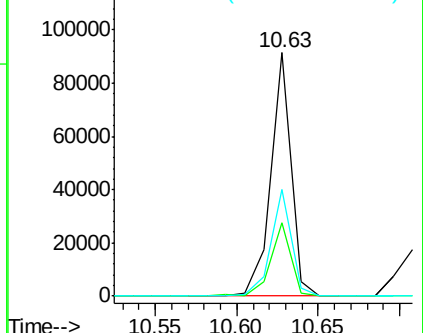
215 43.8 41.8 81.8

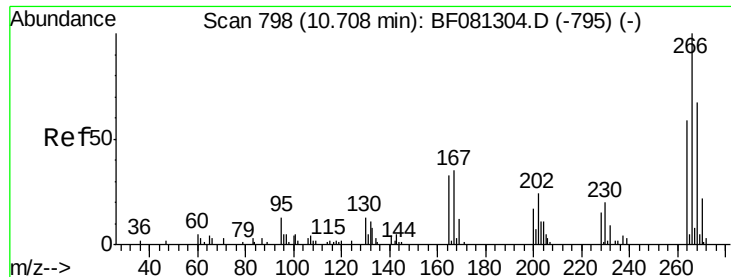


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

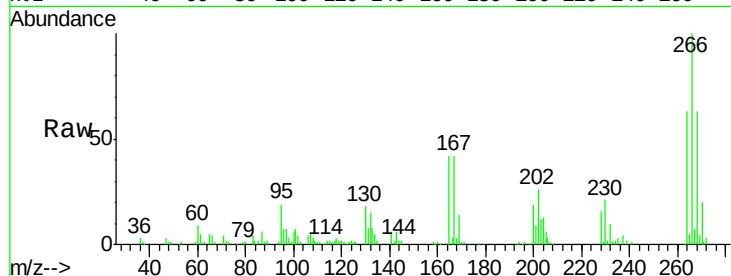




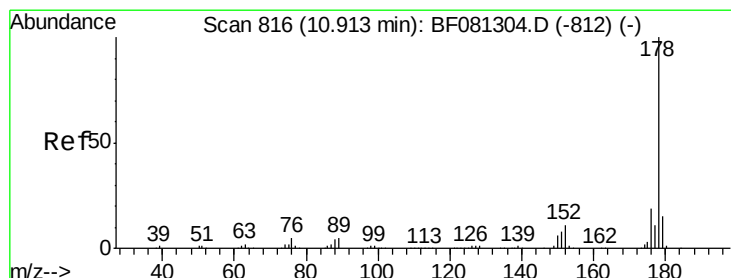
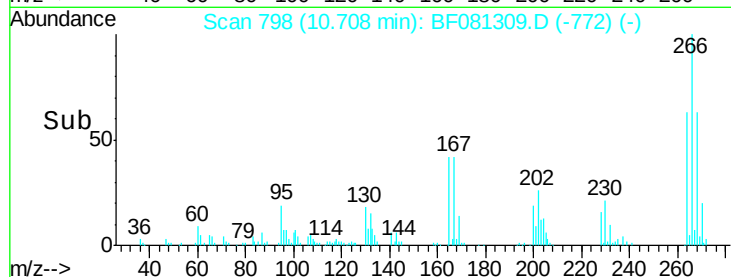
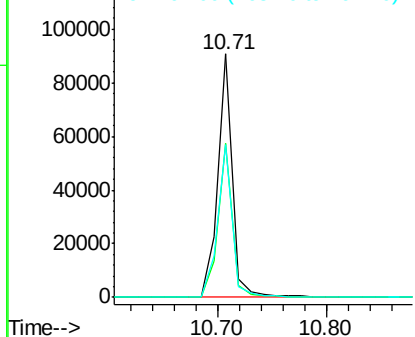
#69
 Pentachlorophenol
 Concen: 83.77 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 86066
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.6
 264 62.7 50.2 75.2

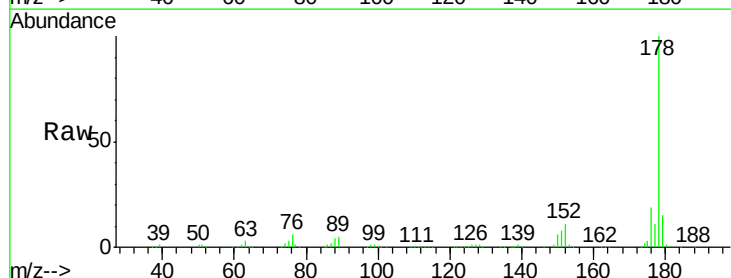


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

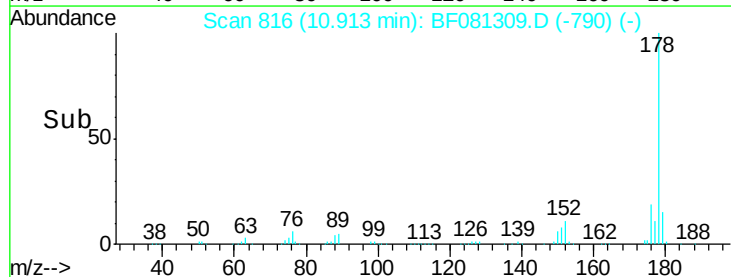
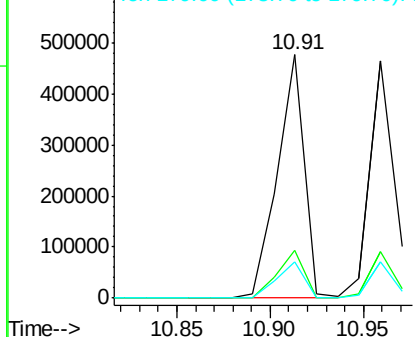


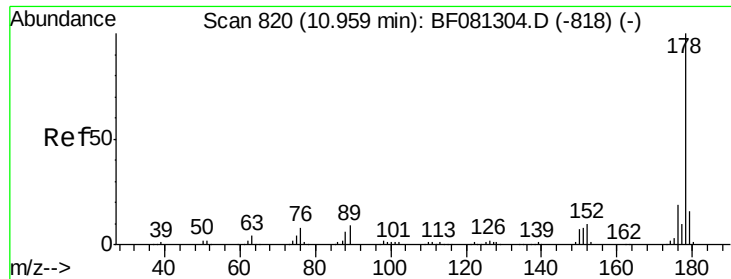
#70
 Phenanthrene
 Concen: 43.68 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:178 Resp: 482145
 Ion Ratio Lower Upper
 178 100
 176 19.4 13.8 20.8
 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

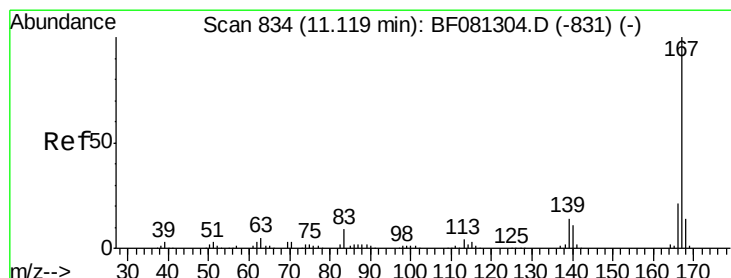
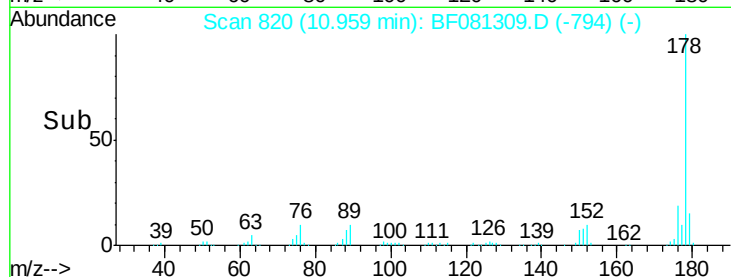
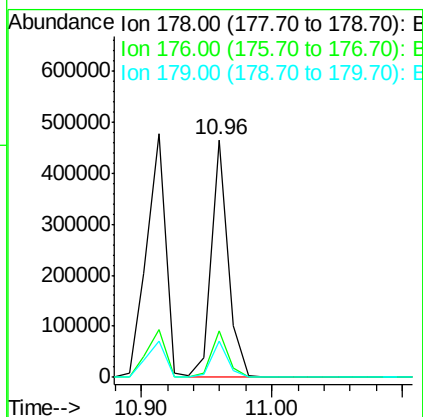
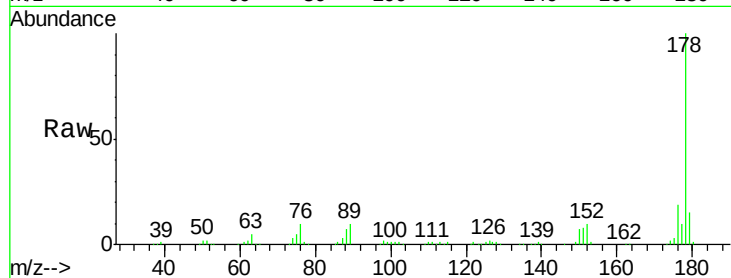




#71
 Anthracene
 Concen: 37.08 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

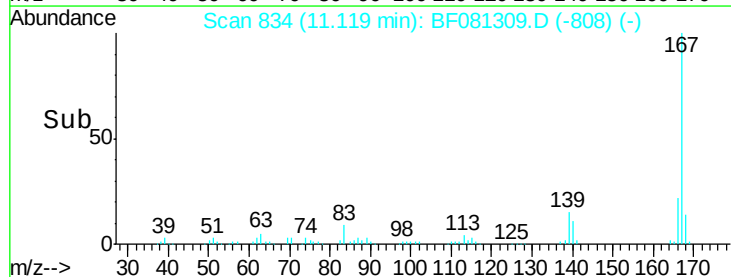
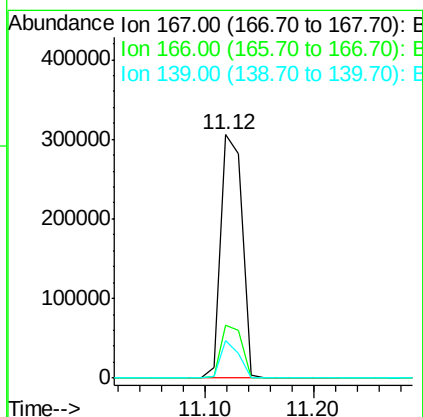
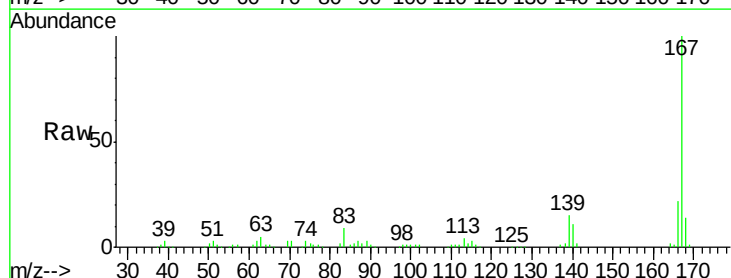
Instrument :
 BNA_F
 ClientSampleId :

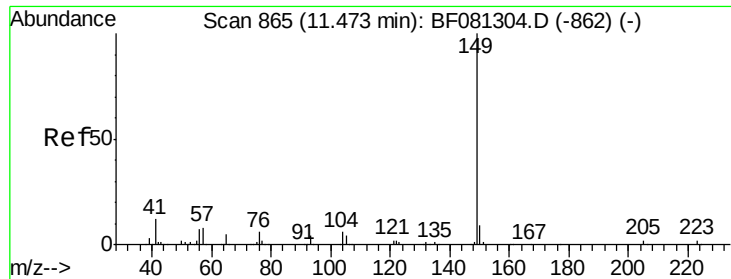
Tot Ion:178 Resp: 420504
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.1 21.1
 179 15.4 12.2 18.2



#72
 Carbazole
 Concen: 39.17 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:167 Resp: 416839
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 15.2 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 39.49 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

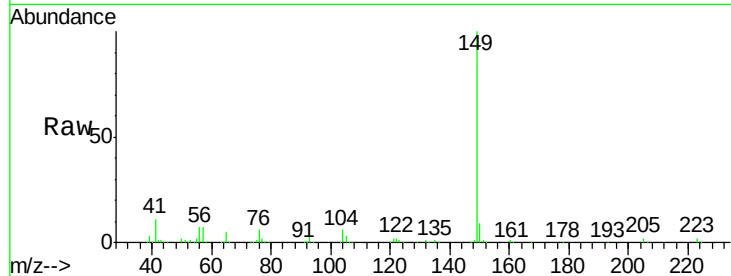
Tot Ion:149 Resp: 496212

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

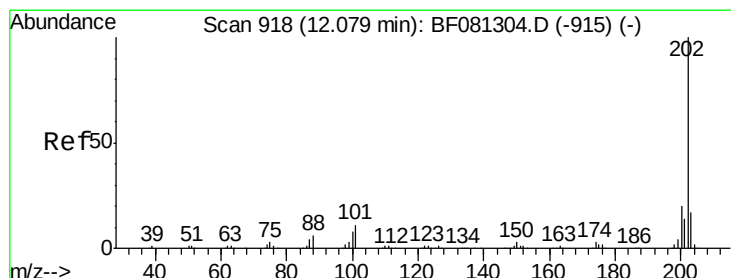
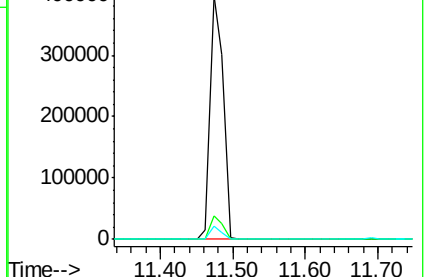
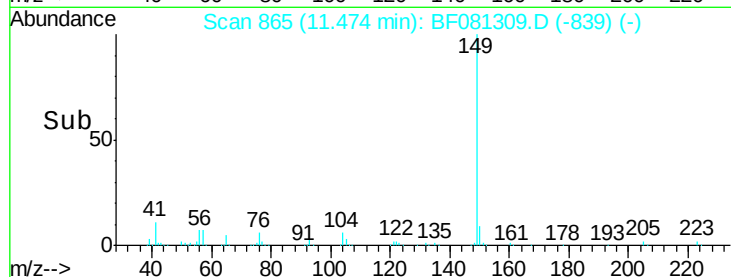
104 5.7 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.33 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

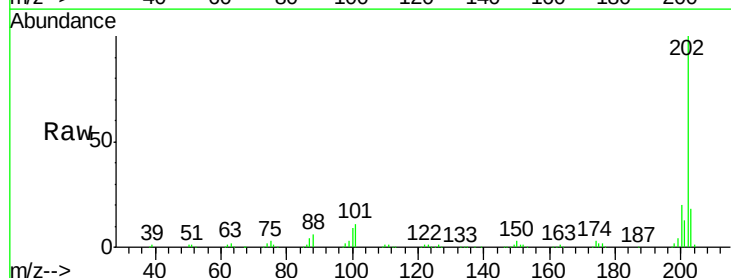
Tgt Ion:202 Resp: 457974

Ion Ratio Lower Upper

202 100

101 11.3 0.0 38.3

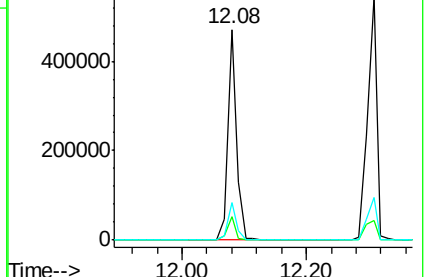
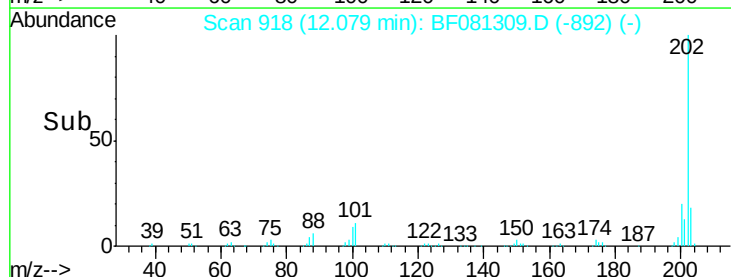
203 18.0 0.0 37.3

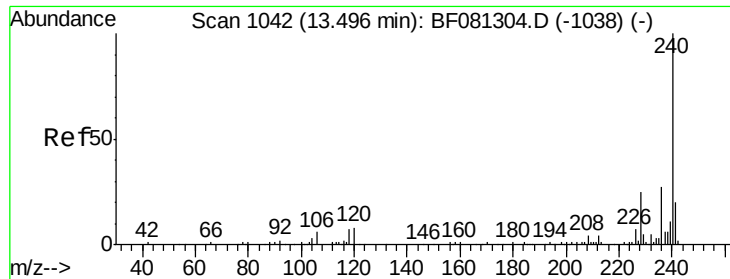


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

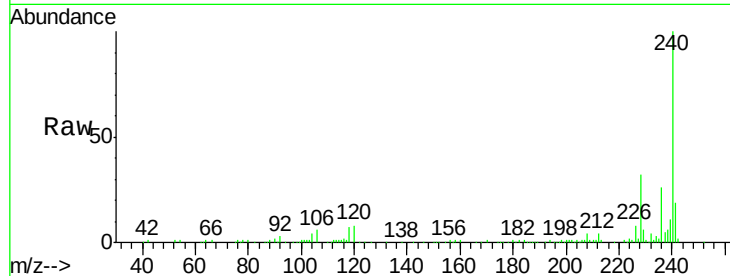
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 174826

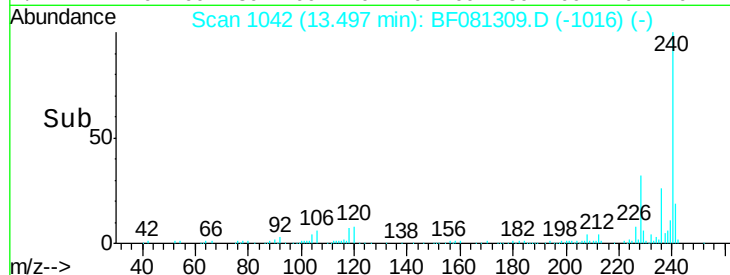
Ion	Ratio	Lower	Upper
240	100		
120	7.9	16.2	24.2#
236	25.5	18.4	27.6



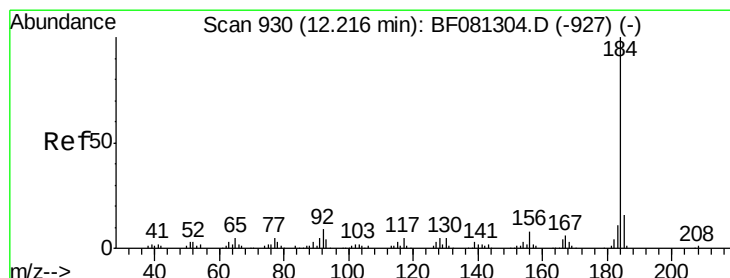
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.40 13.50 13.60



#76

Benzidine

Concen: 28.00 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

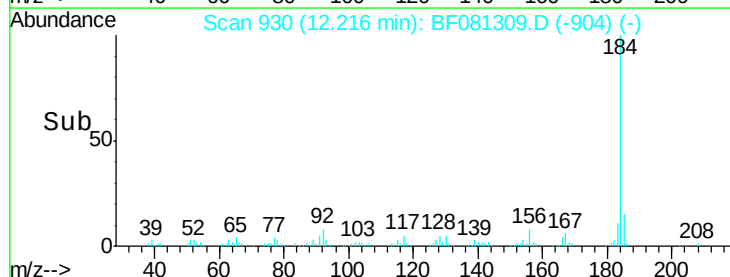
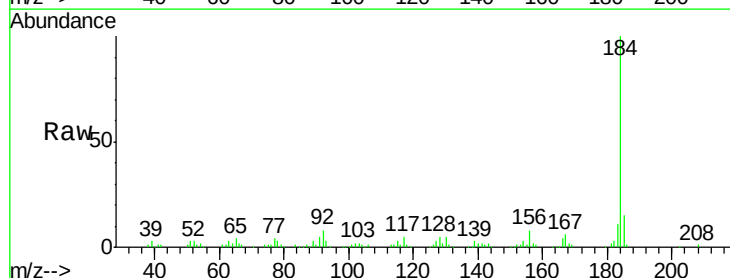
Tgt Ion:184 Resp: 210134

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.6
183	10.7	7.6	11.4

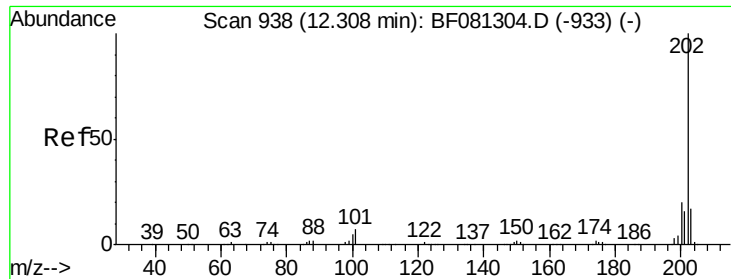
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



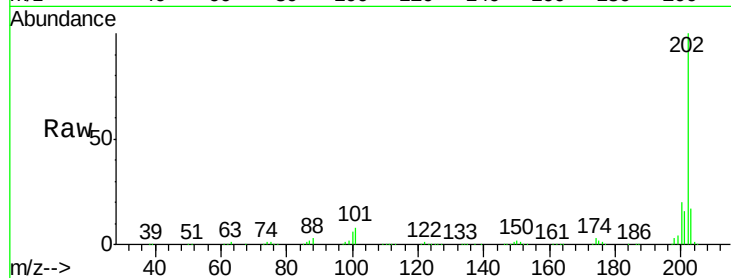
Time--> 12.20 12.30



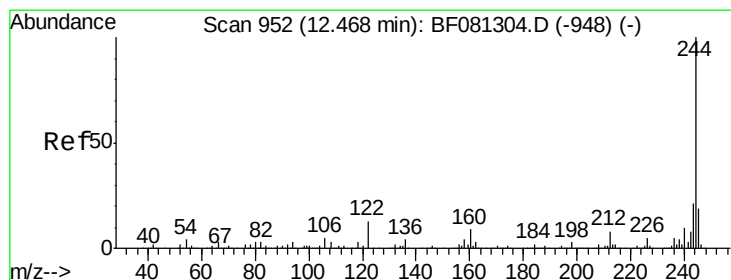
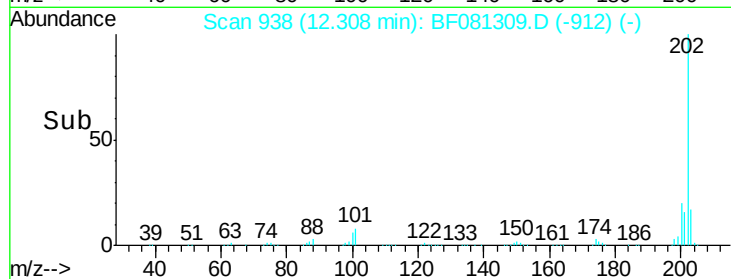
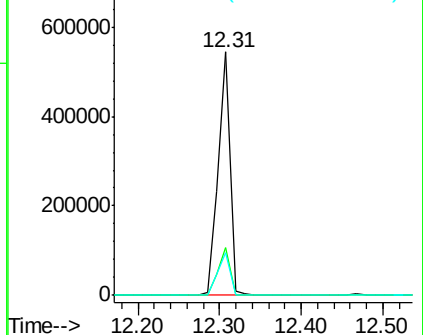
#77
 Pvrene
 Concen: 42.87 ng
 RT: 12.31 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.0	22.4
203	17.4	14.1	21.1

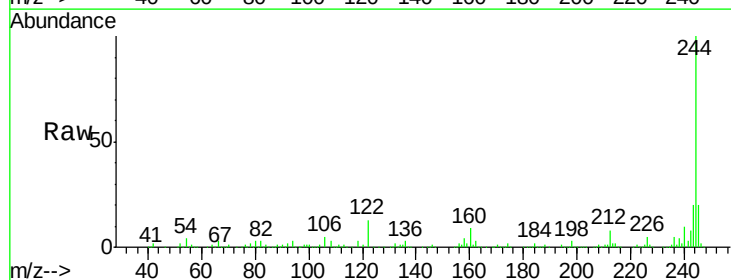


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

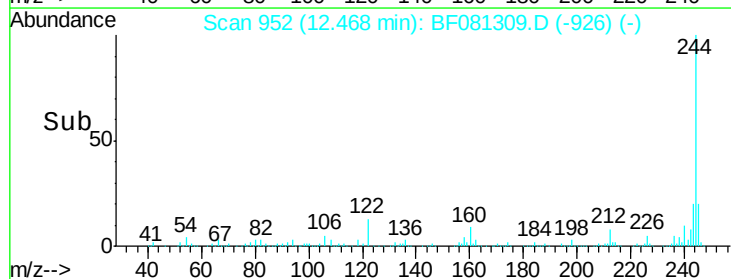
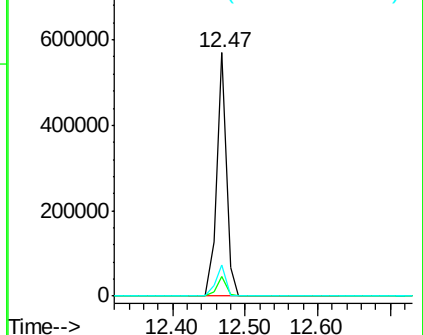


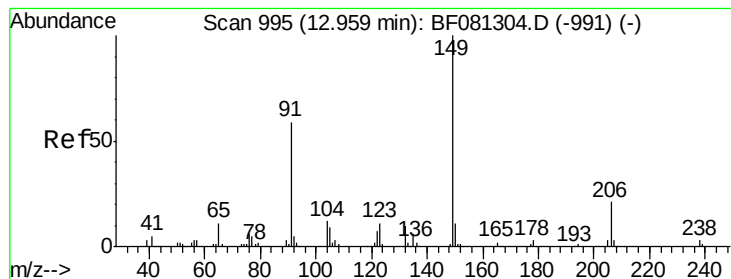
#78
 Terphenyl-d14
 Concen: 70.62 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	13.0	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: 40.41 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

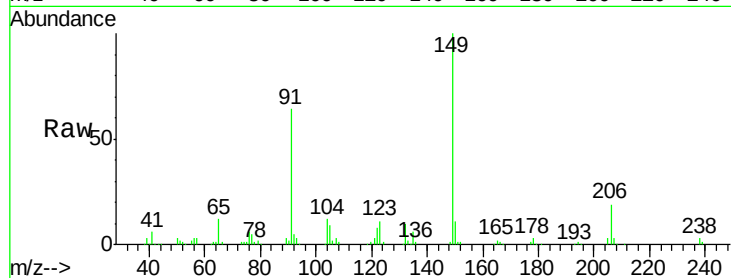
Tot Ion:149 Resp: 227594

Ion Ratio Lower Upper

149 100

91 63.7 48.6 72.8

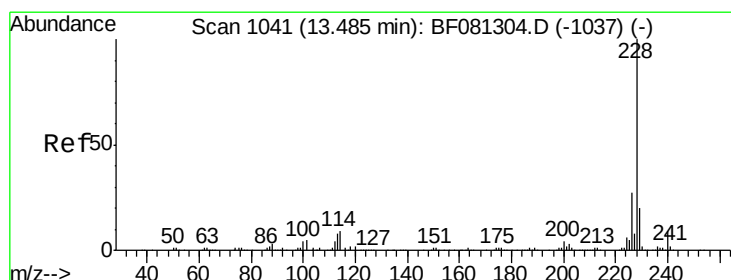
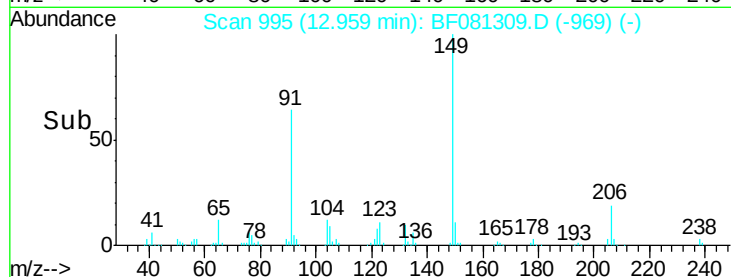
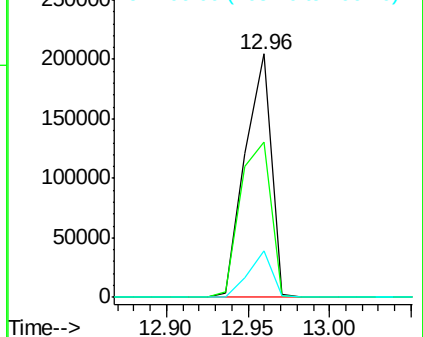
206 19.0 14.9 22.3



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: 38.30 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

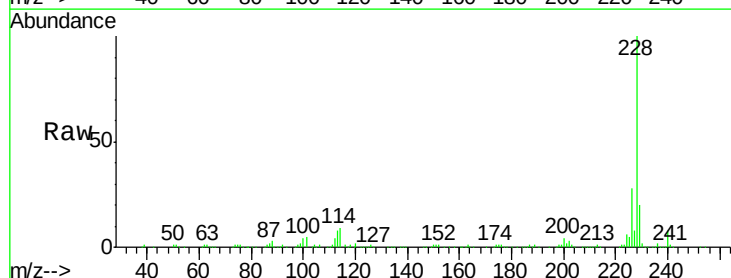
Tgt Ion:228 Resp: 426365

Ion Ratio Lower Upper

228 100

226 28.0 20.0 30.0

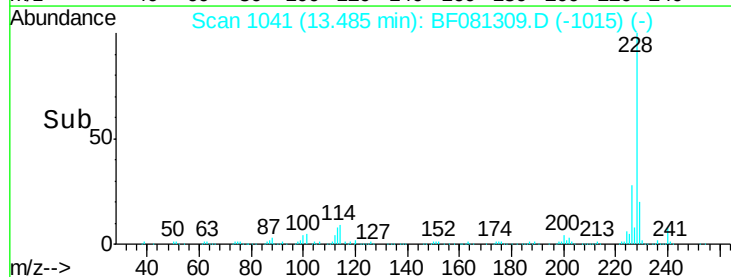
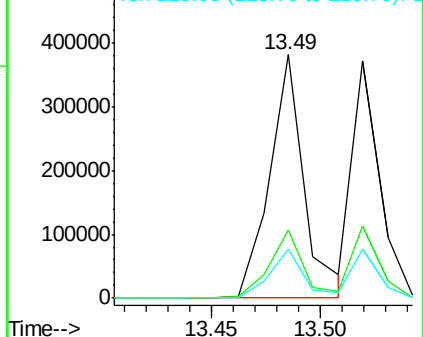
229 20.3 15.4 23.2

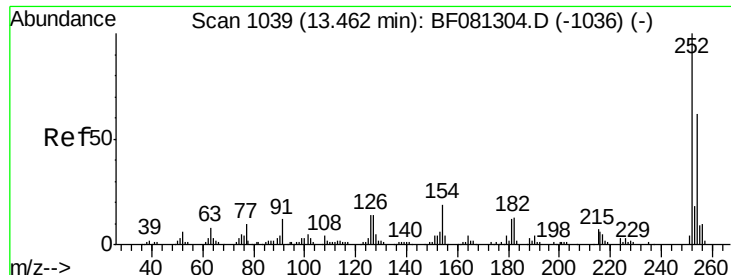


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

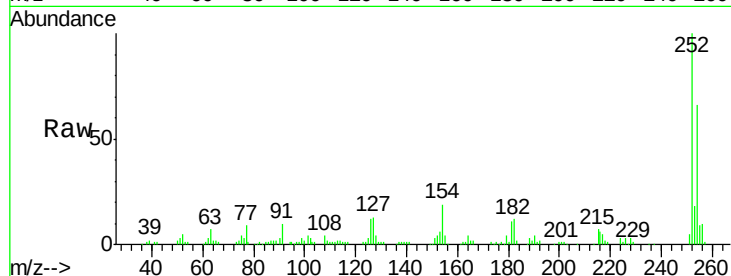




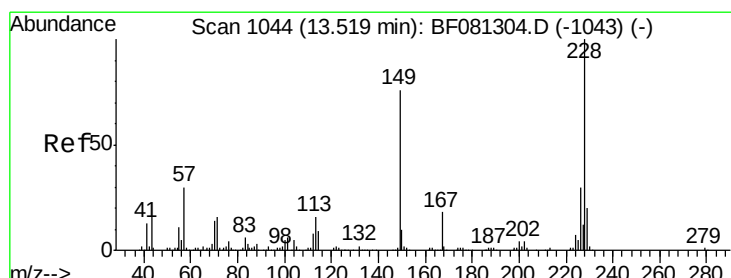
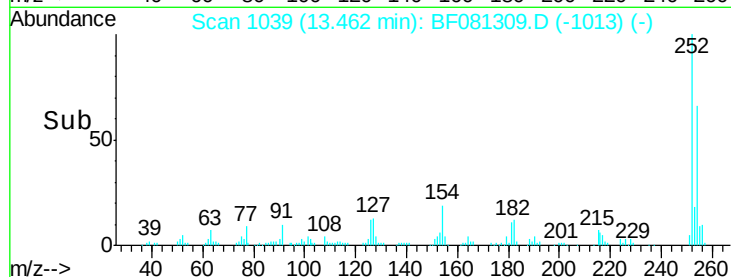
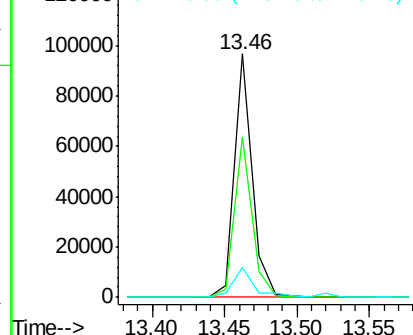
#81
 3,3'-Dichlorobenzidine
 Concen: 21.93 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.2
126	12.5	16.4	24.6

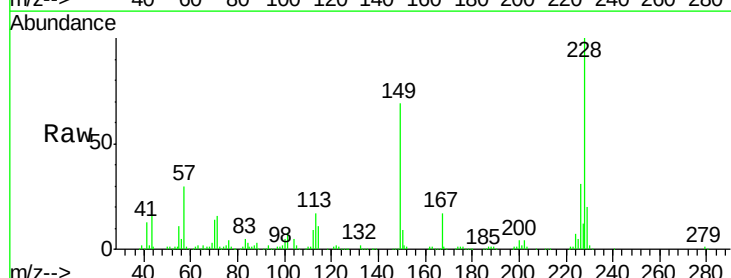


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

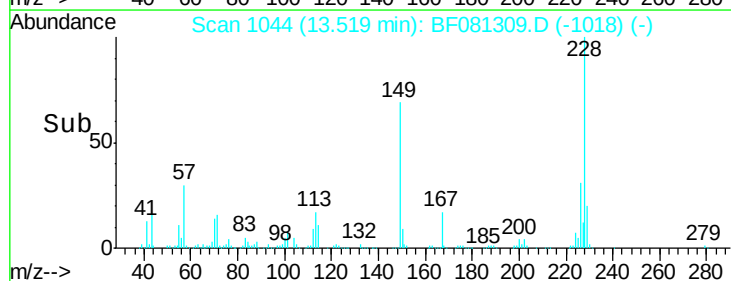
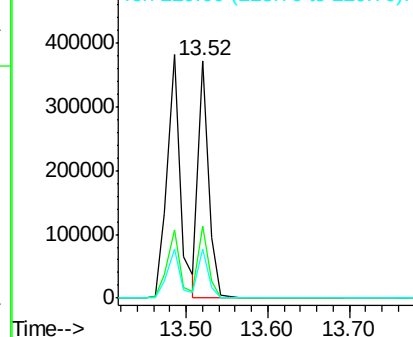


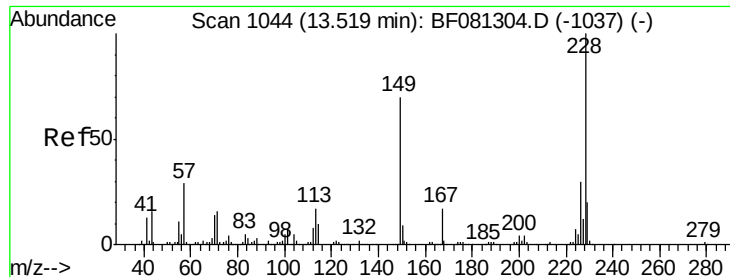
#82
 Chrysene
 Concen: 32.96 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	20.4	15.6	23.4



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

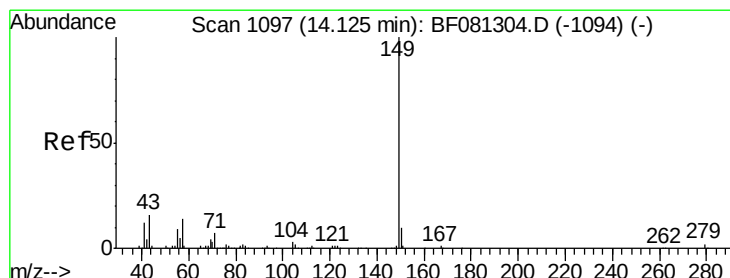
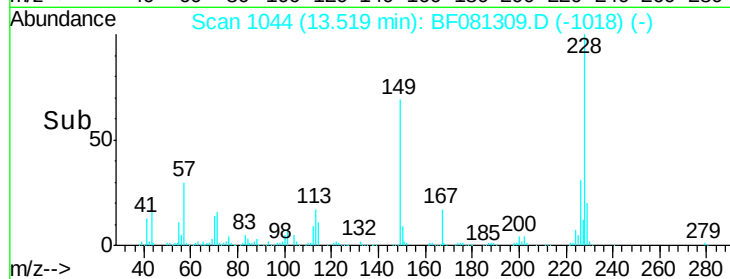
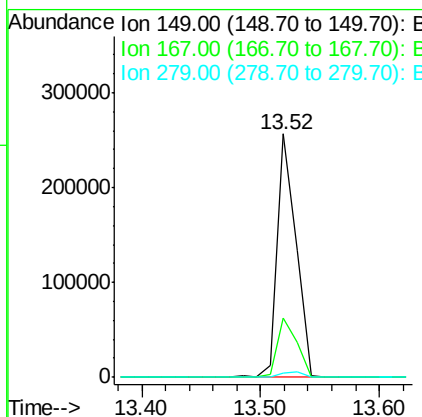
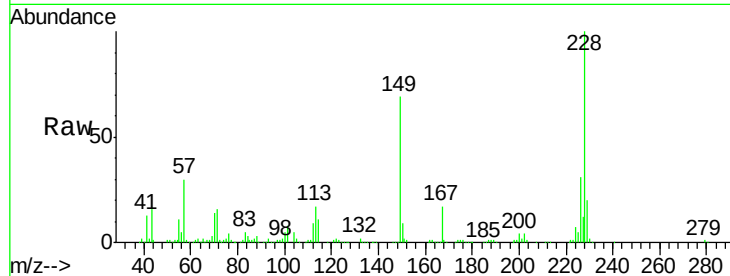




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.69 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

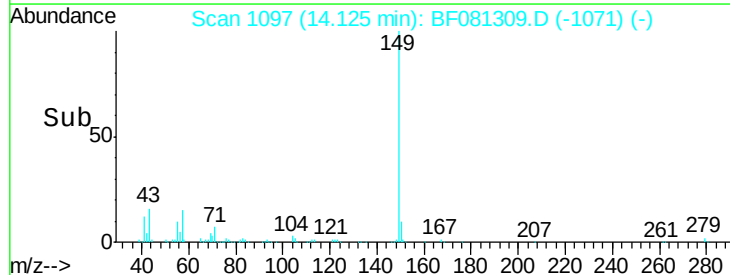
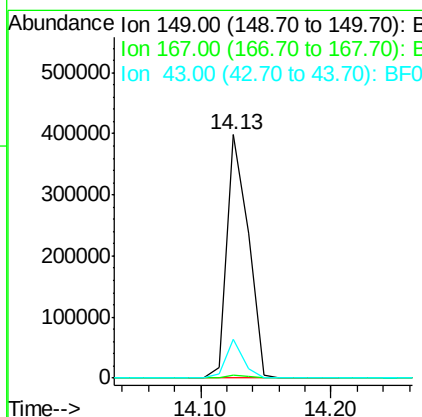
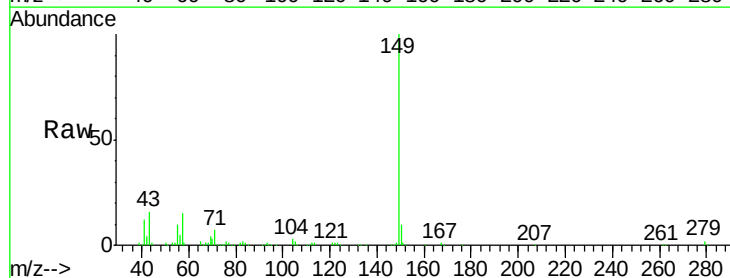
Instrument :
 BNA_F
 ClientSampleId :

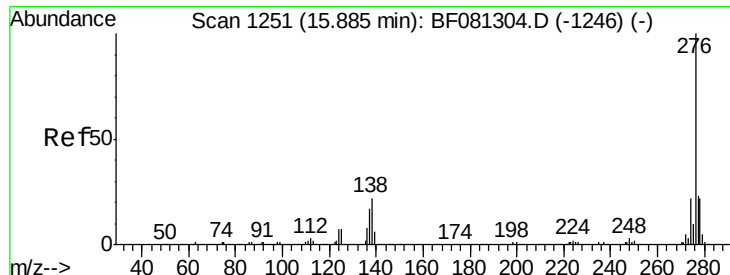
Tot Ion:	149	Resp:	280153
Ion	Ratio	Lower	Upper
149	100		
167	24.5	24.2	36.2
279	1.7	3.8	5.6#



#84
 Di-n-octyl phthalate
 Concen: 37.09 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:	149	Resp:	453958
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.0	1.6
43	13.3	10.2	15.2

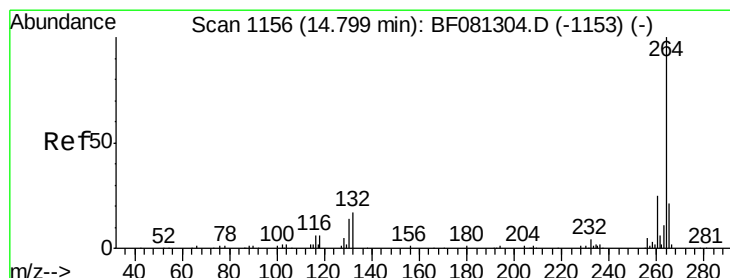
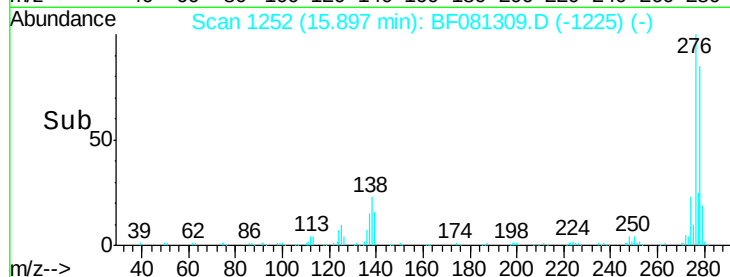
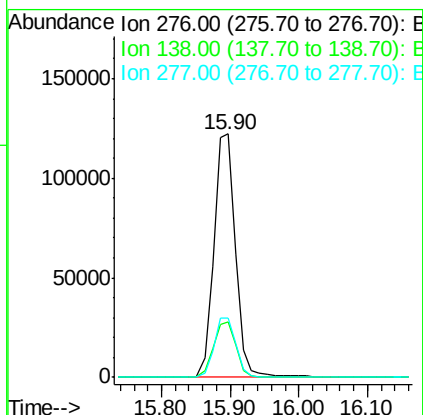
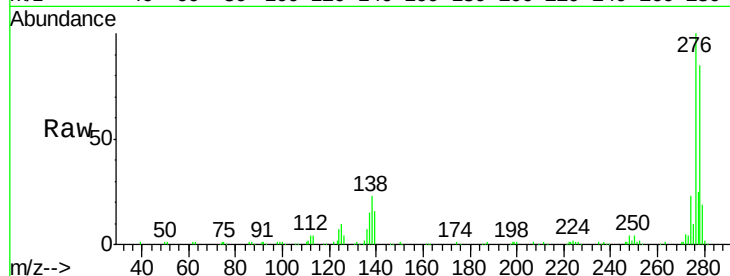




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.03 ng
 RT: 15.90 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

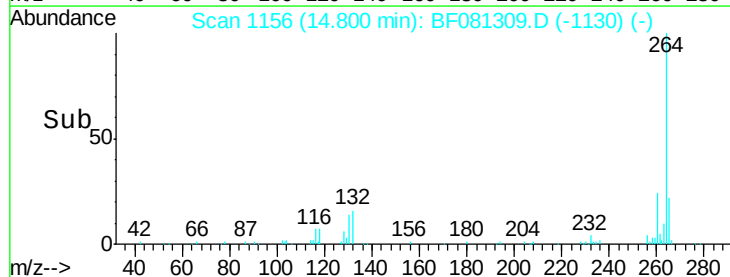
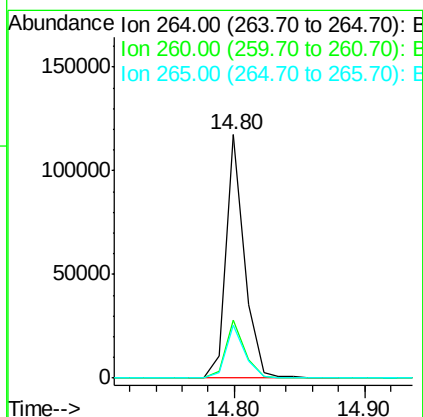
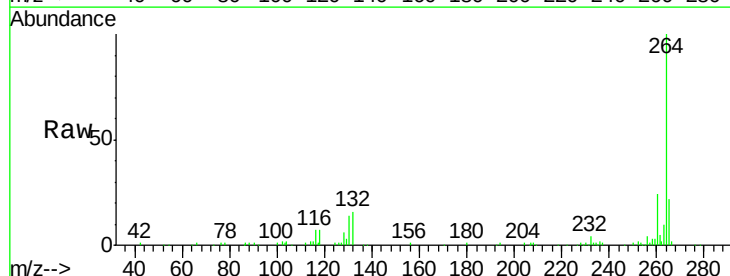
Instrument :
 BNA_F
 ClientSampleId :

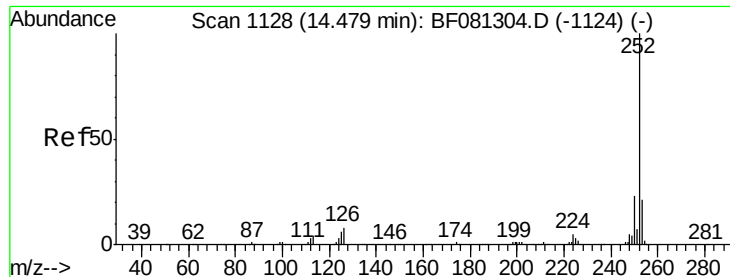
Tot Ion:276 Resp: 271144
 Ion Ratio Lower Upper
 276 100
 138 23.7 25.7 38.5#
 277 24.7 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:264 Resp: 115306
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.7 17.2 25.8

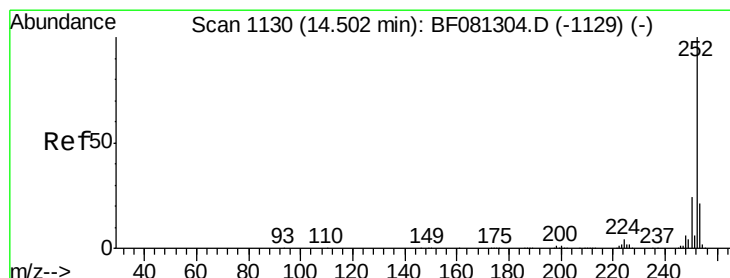
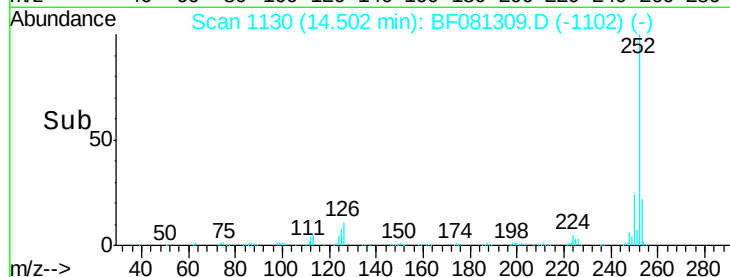
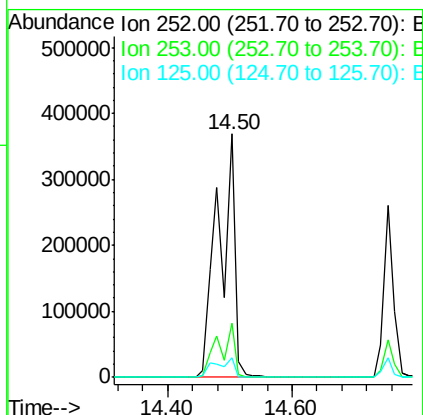
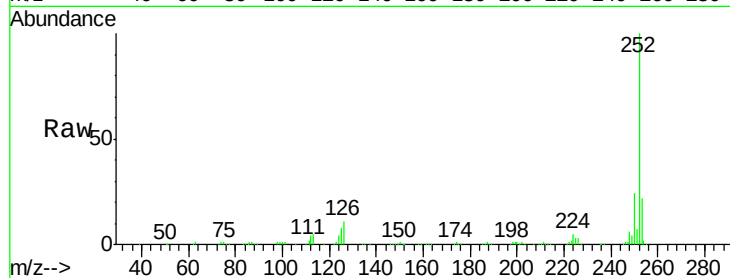




#87
Benzo(b)fluoranthene
Concen: 82.52 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

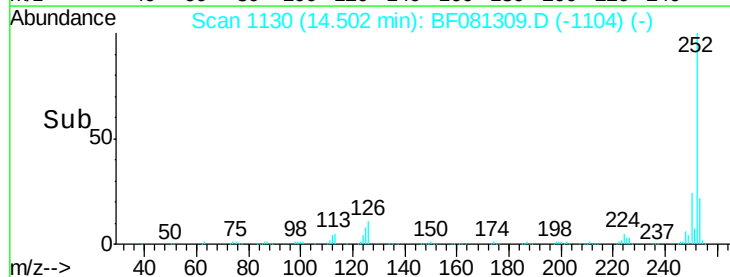
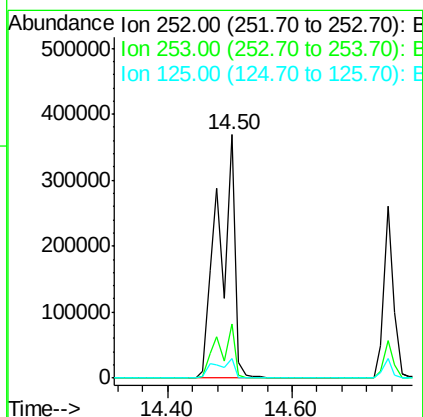
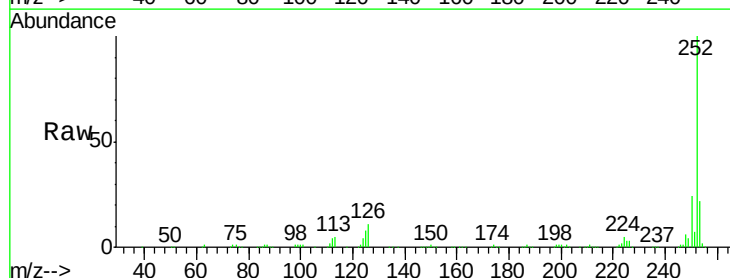
Instrument :
BNA_F
ClientSampleId :

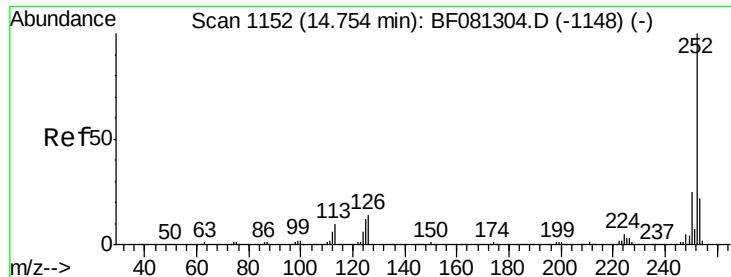
Tot Ion:252 Resp: 679297
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 99.45 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion:252 Resp: 679297
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 8.0 16.0 24.0#

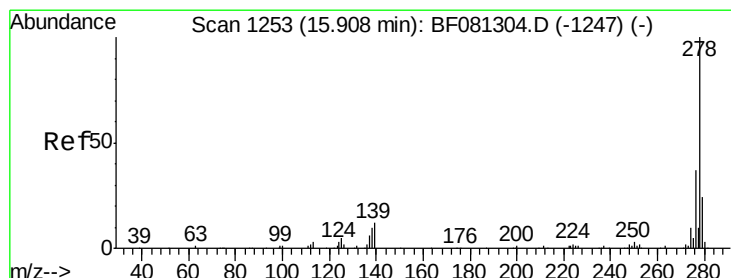
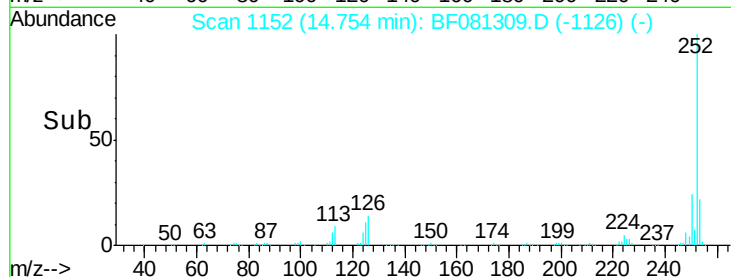
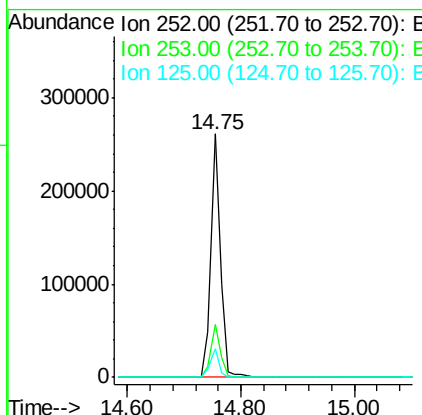
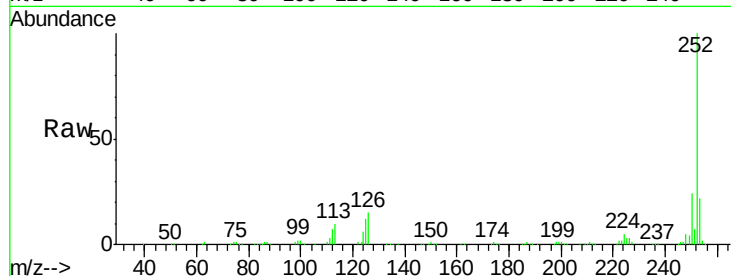




#89
Benzo(a)pyrene
Concen: 42.10 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

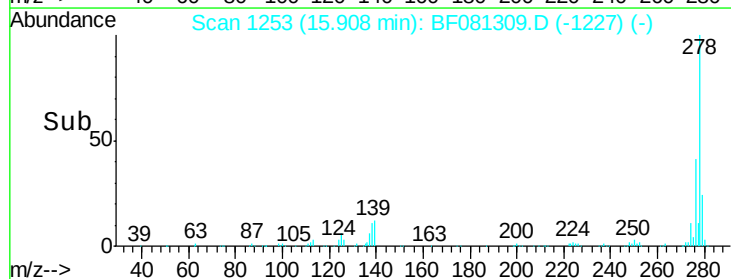
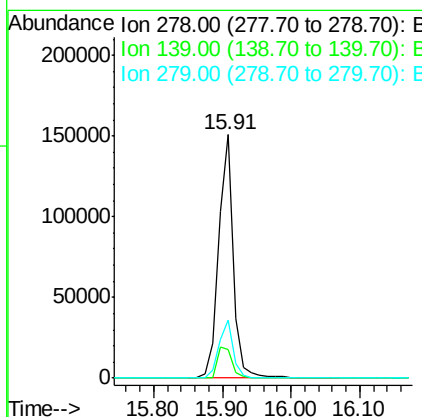
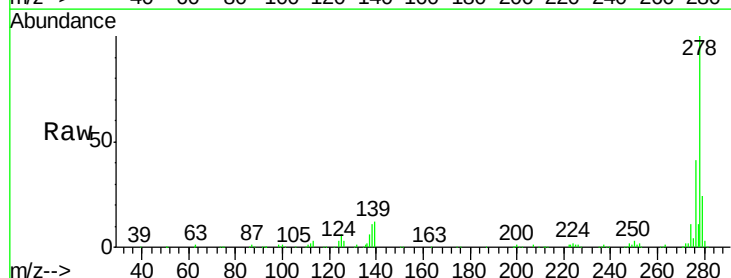
Instrument :
BNA_F
ClientSampleId :

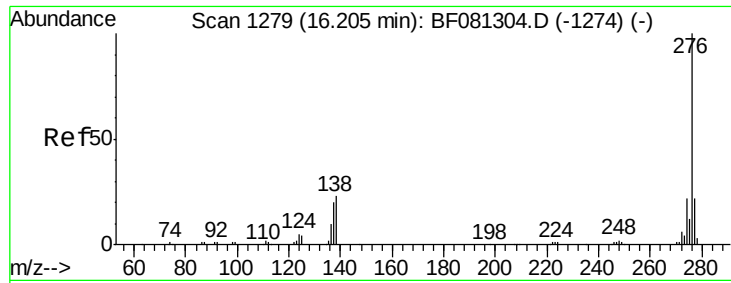
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.5	18.0	27.0#



#90
Dibenzo(a,h)anthracene
Concen: 42.31 ng
RT: 15.91 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	26.3	39.5#
279	23.6	18.2	27.4





#91

Benzo(a,h,i)perylene

Concen: 42.67 ng

RT: 16.22 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

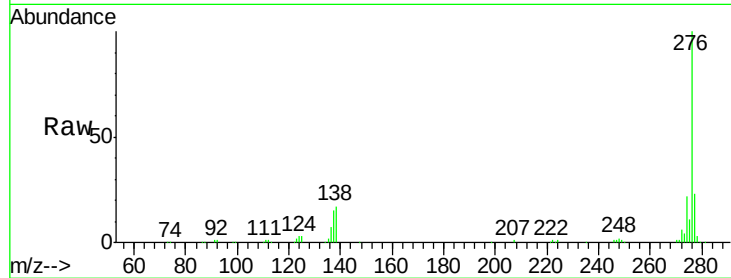
Tot Ion: 276 Resp: 219519

Ion Ratio Lower Upper

276 100

277 22.9 17.8 26.6

138 16.8 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

