

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081310.D
 Acq On : 1 Sep 2015 18:30
 Operator : UM/IZ
 Sample : PB85281BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 00:50:15 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	59460	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	229638	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	102167	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	208435	20.00	ng	0.00
75) Chrysene-d12	13.50	240	188156	20.00	ng	0.00
86) Perylene-d12	14.80	264	123318	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	316554	82.60	ng	0.02
7) Phenol-d6	6.06	99	410683	80.96	ng	0.00
23) Nitrobenzene-d5	6.97	82	393842	82.75	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	77465	85.15	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	663332	83.20	ng	0.00
78) Terphenyl-d14	12.47	244	551140	68.19	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.83	88	53188	30.90	ng	# 91
3) Pyridine	2.36	79	179598	37.84	ng	# 86
4) n-Nitrosodimethylamine	2.34	42	103231	39.15	ng	# 80
6) Aniline	6.04	93	173023	24.15	ng	# 72
8) 2-Chlorophenol	6.17	128	166967	39.54	ng	# 81
9) Benzaldehyde	5.92	77	34368	10.81	ng	# 67
10) Phenol	6.07	94	244456	41.55	ng	# 55
11) bis(2-Chloroethyl)ether	6.14	93	166200	39.16	ng	# 85
12) 1,3-Dichlorobenzene	6.32	146	161122	35.71	ng	# 84
13) 1,4-Dichlorobenzene	6.41	146	172917	37.64	ng	# 92
14) 1,2-Dichlorobenzene	6.41	146	172917	41.80	ng	# 96
15) Benzyl Alcohol	6.56	79	175337	42.13	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	6.70	45	309234	38.01	ng	# 86
17) 2-Methylphenol	6.68	107	134118	39.80	ng	# 77
18) Hexachloroethane	6.90	117	68079	38.09	ng	# 85
19) n-Nitroso-di-n-propylamine	6.83	70	130901	37.91	ng	# 83
20) 3+4-Methylphenols	6.84	107	180492	39.73	ng	# 88
22) Acetophenone	6.82	105	254568	40.59	ng	# 80
24) Nitrobenzene	6.98	77	181977	36.82	ng	# 60
25) Isophorone	7.23	82	334410	37.77	ng	# 83
26) 2-Nitrophenol	7.30	139	76825	35.66	ng	# 25
27) 2,4-Dimethylphenol	7.37	122	160093	43.03	ng	# 78
28) bis(2-Chloroethoxy)methane	7.46	93	217786	42.59	ng	# 92
29) 2,4-Dichlorophenol	7.55	162	133346	41.33	ng	# 92
30) 1,2,4-Trichlorobenzene	7.63	180	136504	38.94	ng	# 99
31) Naphthalene	7.70	128	486773	39.75	ng	# 98
32) Benzoic acid	7.52	122	100216	38.27	ng	# 51
33) 4-Chloroaniline	7.77	127	83515	16.72	ng	# 93
34) Hexachlorobutadiene	7.83	225	84381	39.56	ng	# 96
35) Caprolactam	8.15	113	27204	27.49	ng	# 37
36) 4-Chloro-3-methylphenol	8.27	107	168463	46.64	ng	# 79
37) 2-Methylnaphthalene	8.39	142	296154	37.16	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	128665	39.82	ng	# 97
40) Hexachlorocyclopentadiene	8.55	237	147169	92.81	ng	# 96

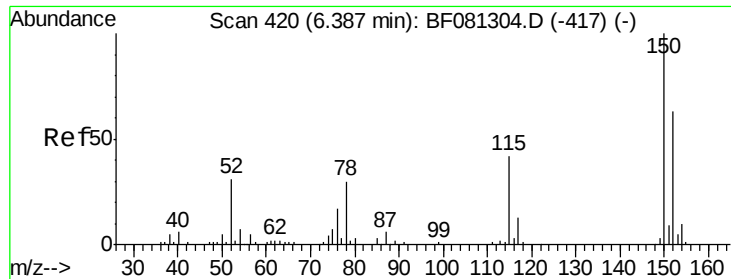
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	90913	40.77	nq	98
43) 2,4,5-Trichlorophenol	8.73	196	97956	43.06	nq	# 95
45) 1,1'-Biphenyl	8.86	154	350180	37.26	nq	95
46) 2-Chloronaphthalene	8.88	162	289260	42.61	nq	# 92
47) 2-Nitroaniline	8.98	65	110742	40.03	nq	# 59
48) Acenaphthylene	9.28	152	435340	36.15	nq	97
49) Dimethylphthalate	9.18	163	312148	39.32	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	77933	43.26	nq	# 53
51) Acenaphthene	9.45	154	253895	37.06	nq	91
52) 3-Nitroaniline	9.39	138	55169	26.90	nq	# 52
53) 2,4-Dinitrophenol	9.51	184	90140	118.79	nq	# 52
54) Dibenzofuran	9.62	168	388177	38.81	nq	# 82
55) 4-Nitrophenol	9.59	139	128467	99.70	nq	# 49
56) 2,4-Dinitrotoluene	9.63	165	104429	45.52	nq	# 67
57) Fluorene	9.96	166	336318	44.30	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	73861	42.53	nq	94
59) Diethylphthalate	9.87	149	374642	44.87	nq	97
60) 4-Chlorophenyl-phenylether	9.96	204	141440	39.98	nq	# 77
61) 4-Nitroaniline	10.00	138	82758	39.94	nq	# 20
62) Azobenzene	10.12	77	414364	44.64	nq	85
64) 4,6-Dinitro-2-methylphenol	10.03	198	50820	43.59	nq	88
65) n-Nitrosodiphenylamine	10.09	169	287215	37.87	nq	92
66) 4-Bromophenyl-phenylether	10.44	248	81385	38.62	nq	# 71
67) Hexachlorobenzene	10.50	284	81437	36.96	nq	# 74
68) Atrazine	10.63	200	83168	37.89	nq	82
69) Pentachlorophenol	10.71	266	91316	84.56	nq	99
70) Phenanthrene	10.91	178	503616	43.46	nq	98
71) Anthracene	10.96	178	434603	36.51	nq	97
72) Carbazole	11.12	167	445762	39.90	nq	# 95
73) Di-n-butylphthalate	11.47	149	509969	38.66	nq	# 97
74) Fluoranthene	12.08	202	476158	37.96	nq	91
76) Benzidine	12.22	184	185407	22.95	nq	98
77) Pyrene	12.31	202	564590	40.51	nq	99
79) Butylbenzylphthalate	12.96	149	227705	37.57	nq	97
80) Benzo(a)anthracene	13.49	228	455756	38.04	nq	96
81) 3,3'-Dichlorobenzidine	13.46	252	81800	20.24	nq	# 94
82) Chrysene	13.52	228	342641	31.90	nq	94
83) Bis(2-ethylhexyl)phthalate	13.52	149	287909	35.99	nq	# 89
84) Di-n-octyl phthalate	14.13	149	493813	37.49	nq	100
85) Indeno(1,2,3-cd)pyrene	15.89	276	280201	35.56	nq	# 87
87) Benzo(b)fluoranthene	14.50	252	718098	81.56	nq	# 85
88) Benzo(k)fluoranthene	14.50	252	718098	98.30	nq	# 86
89) Benzo(a)pyrene	14.75	252	300425	40.27	nq	# 88
90) Dibenzo(a,h)anthracene	15.91	278	238975	41.45	nq	# 78
91) Benzo(g,h,i)perylene	16.22	276	228501	41.53	nq	# 73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

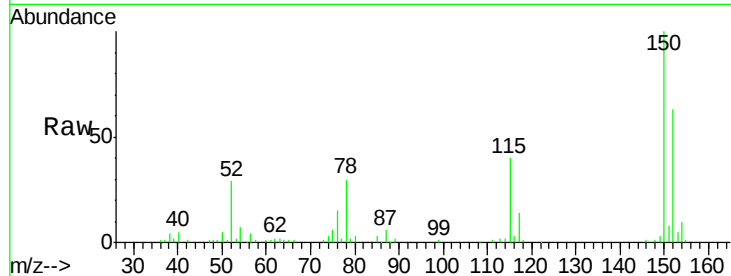
Tot Ion:152 Resp: 59460

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

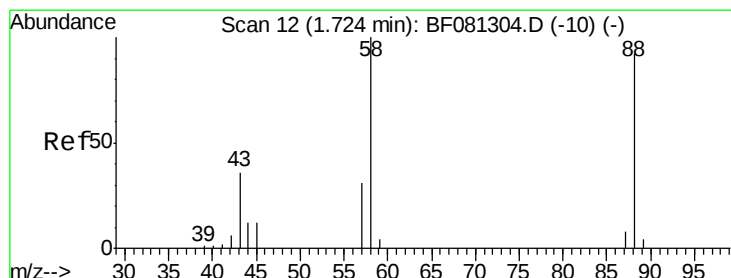
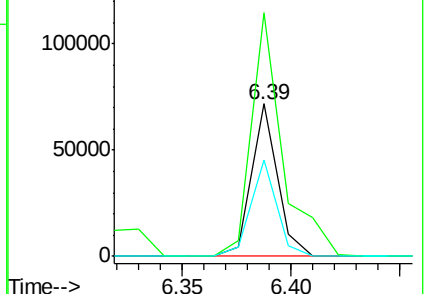
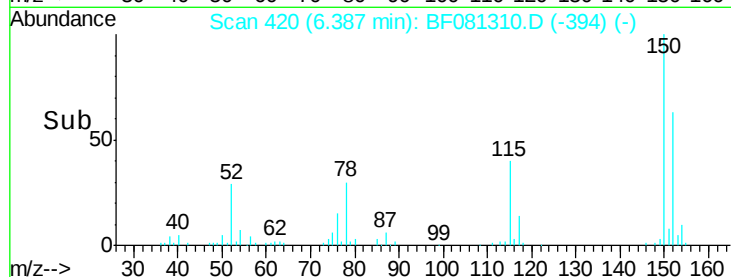
115 63.5 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.90 ng

RT: 1.83 min Scan# 21

Delta R.T. 0.10 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

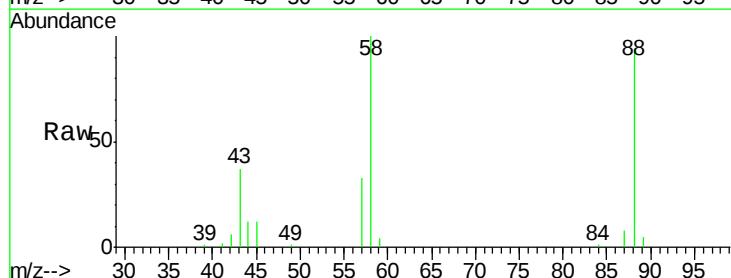
Tgt Ion: 88 Resp: 53188

Ion Ratio Lower Upper

88 100

58 103.1 77.7 116.5

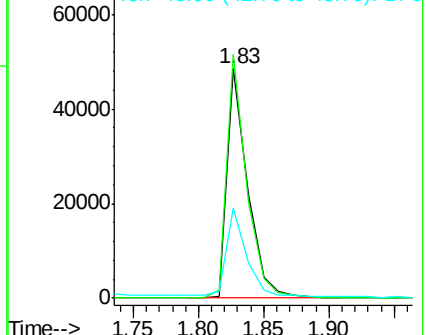
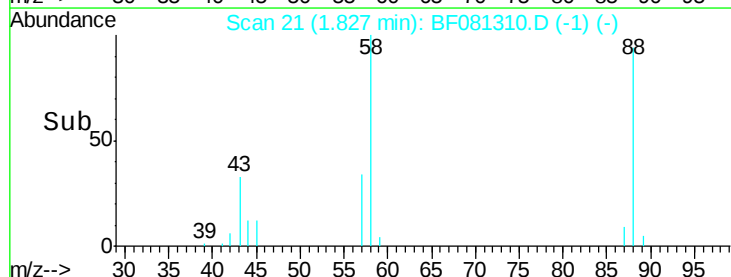
43 43.2 26.6 40.0#

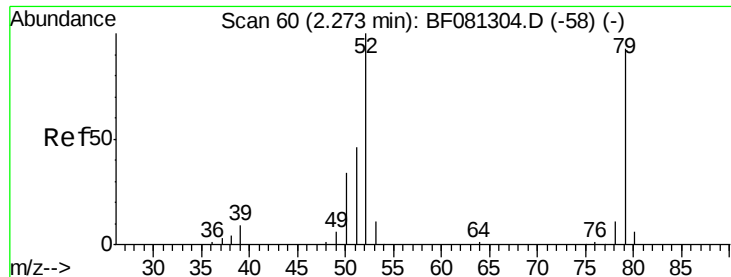


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



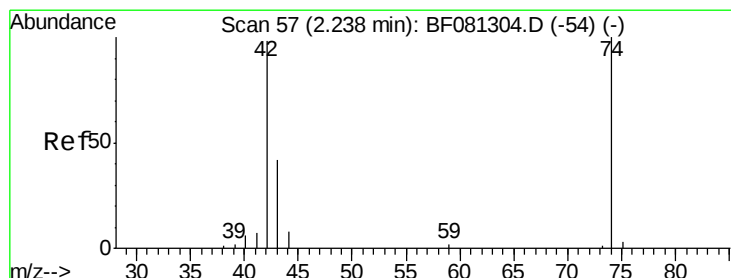
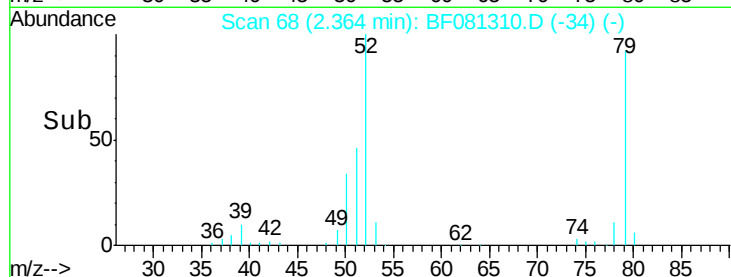
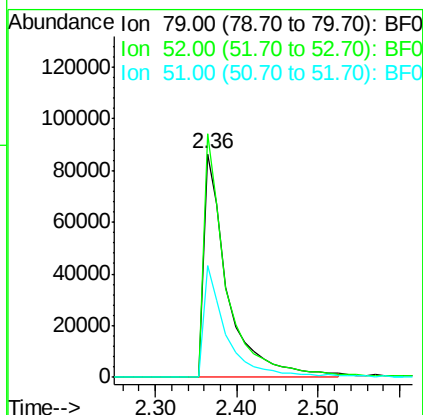
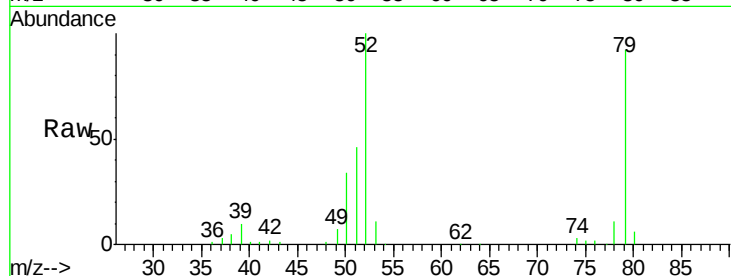


#3
 Pvridine
 Concen: 37.84 ng
 RT: 2.36 min Scan# 68
 Delta R.T. 0.09 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 179598

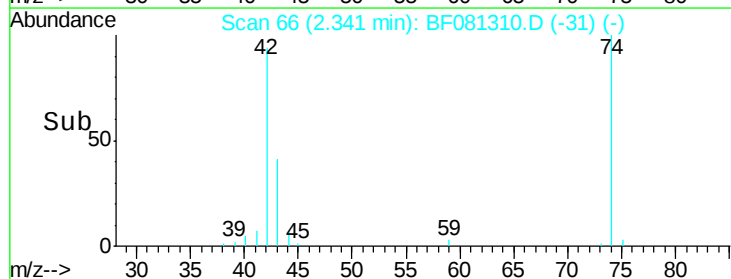
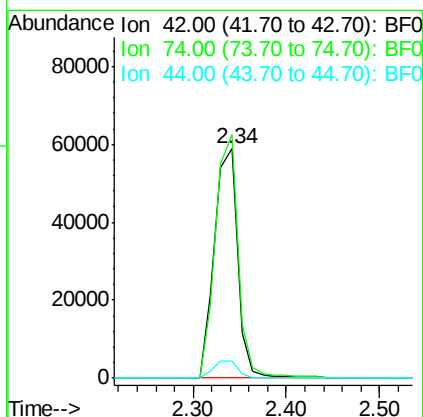
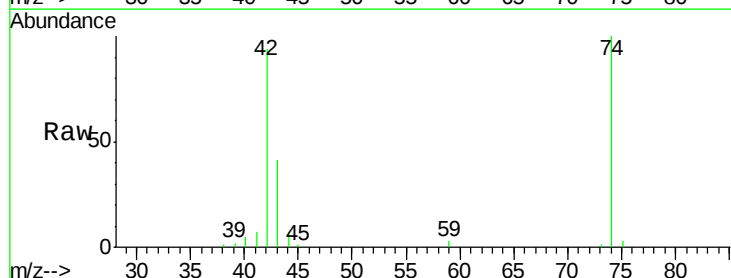
Ion	Ratio	Lower	Upper
79	100		
52	109.1	76.8	115.2
51	50.0	32.2	48.4

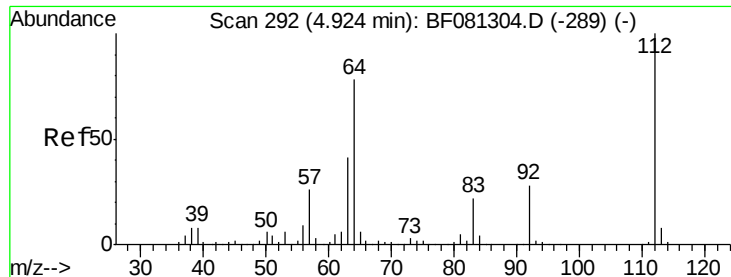


#4
 n-Nitrosodimethylamine
 Concen: 39.15 ng
 RT: 2.34 min Scan# 66
 Delta R.T. 0.10 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion: 42 Resp: 103231

Ion	Ratio	Lower	Upper
42	100		
74	106.4	105.0	157.6
44	7.4	6.6	10.0





#5

2-Fluorophenol

Concen: 82.60 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

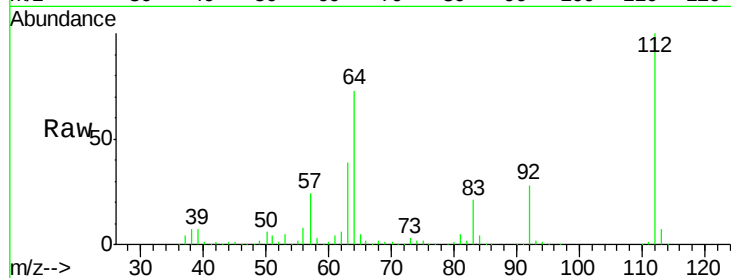
Tot Ion:112 Resp: 316554

Ion Ratio Lower Upper

112 100

64 73.2 39.7 59.5#

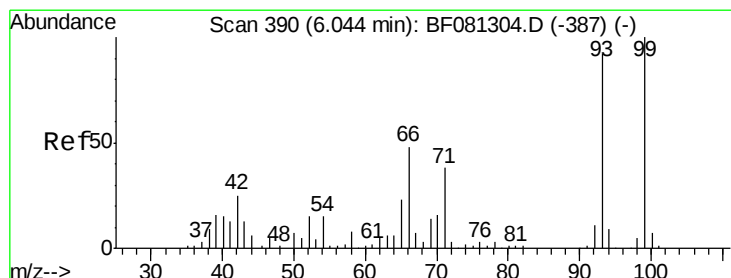
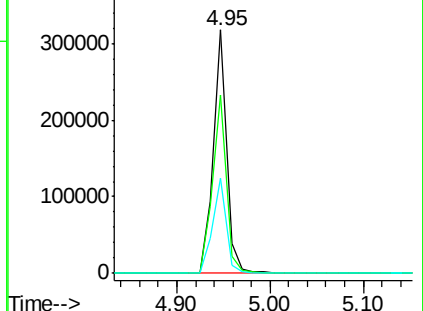
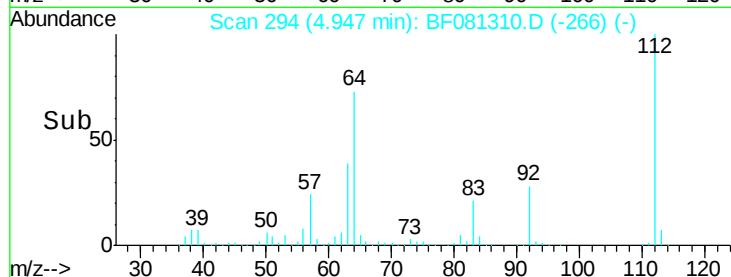
63 39.1 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.15 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

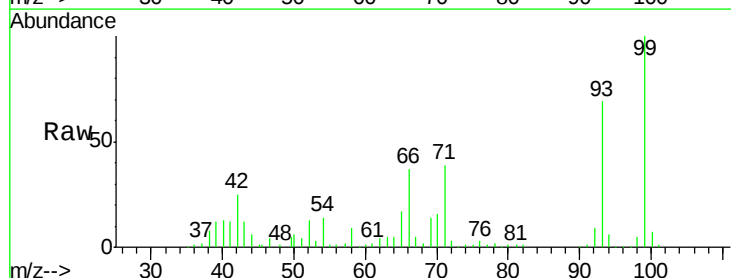
Tgt Ion: 93 Resp: 173023

Ion Ratio Lower Upper

93 100

66 54.0 27.2 40.8#

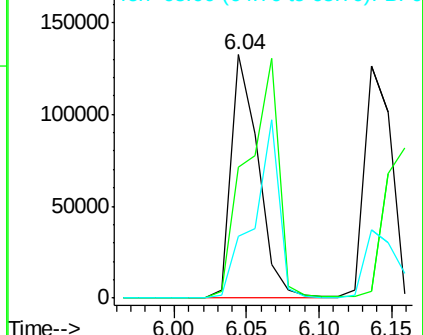
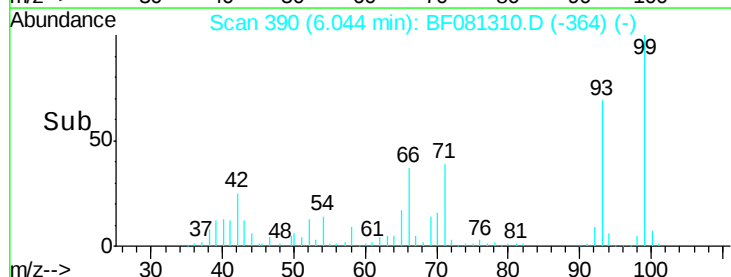
65 25.3 14.7 22.1#

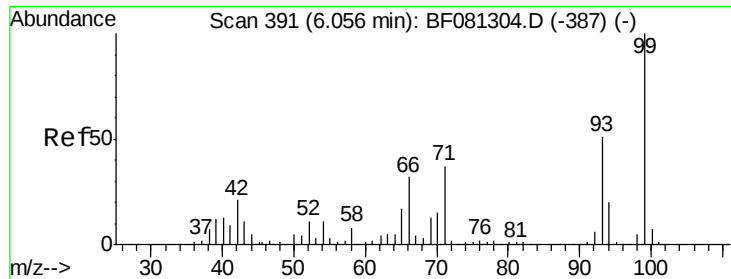


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.96 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

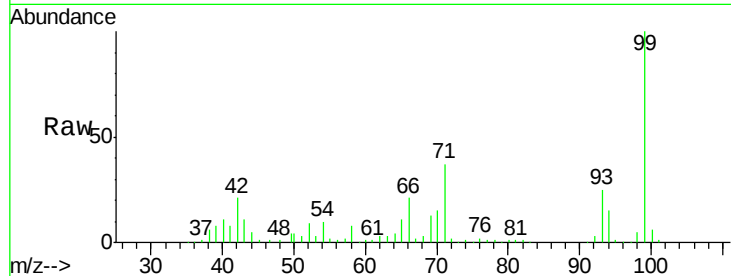
Tot Ion: 99 Resp: 410683

Ion Ratio Lower Upper

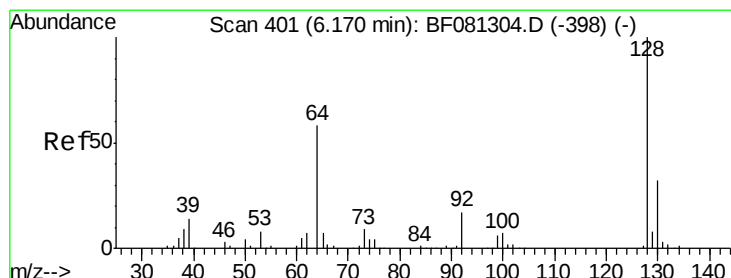
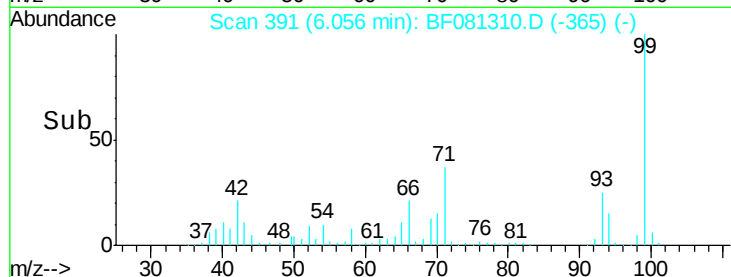
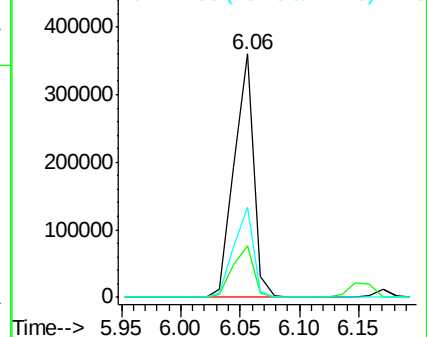
99 100

42 21.4 13.7 20.5#

71 37.2 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 39.54 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

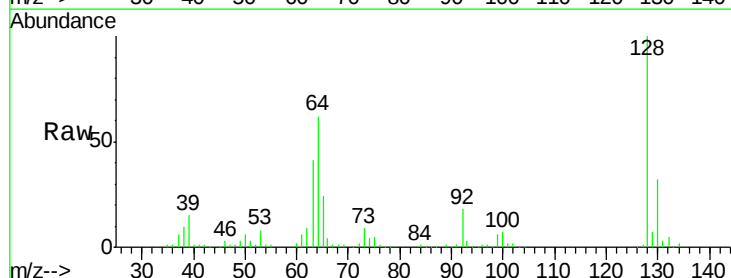
Tgt Ion: 128 Resp: 166967

Ion Ratio Lower Upper

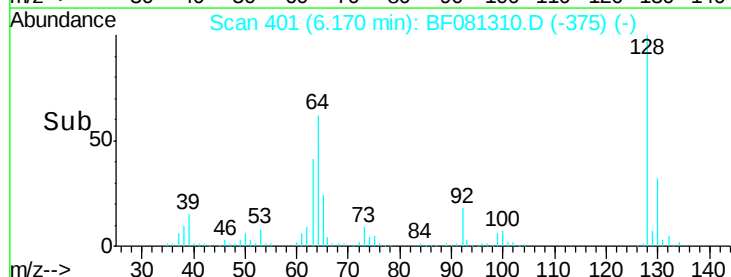
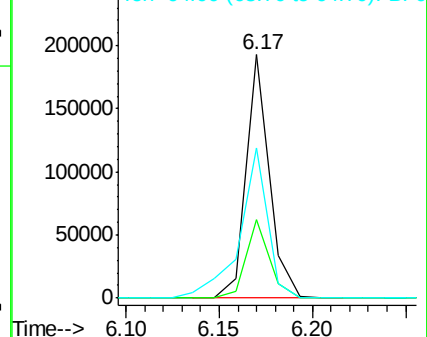
128 100

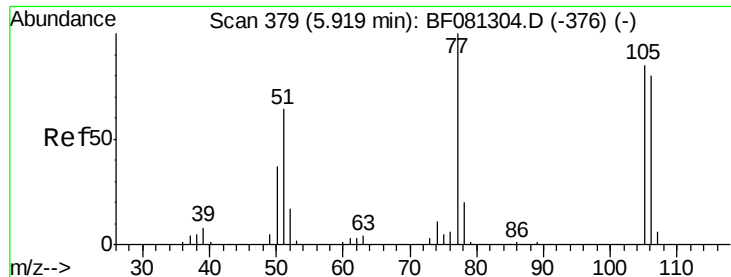
130 32.0 12.2 52.2

64 61.7 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

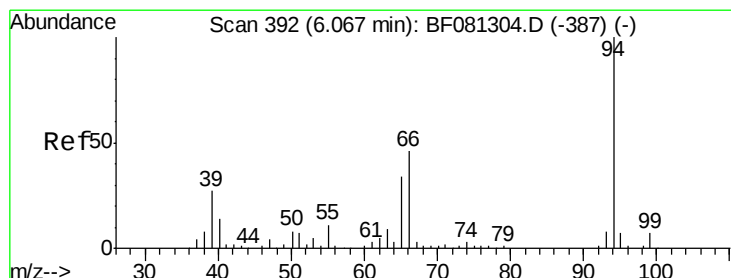
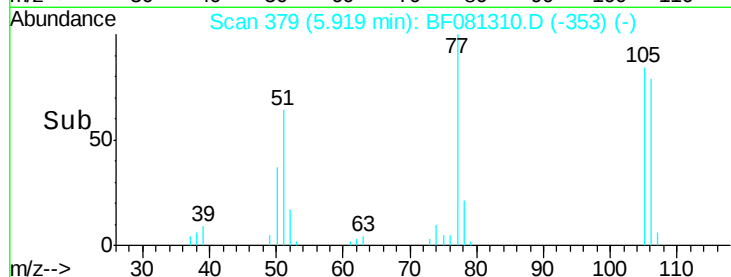
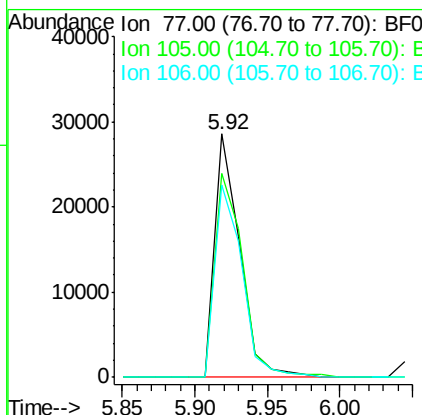
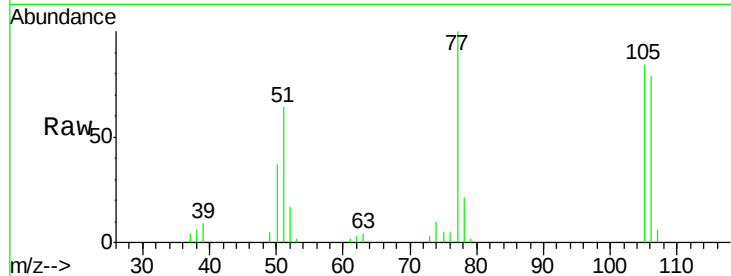




#9
Benzaldehyde
Concen: 10.81 ng
RT: 5.92 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

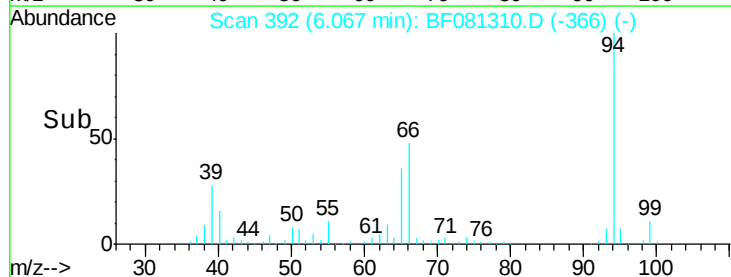
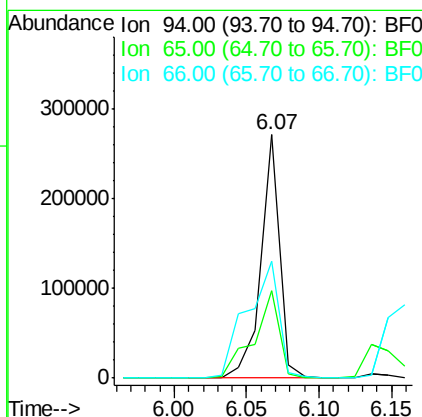
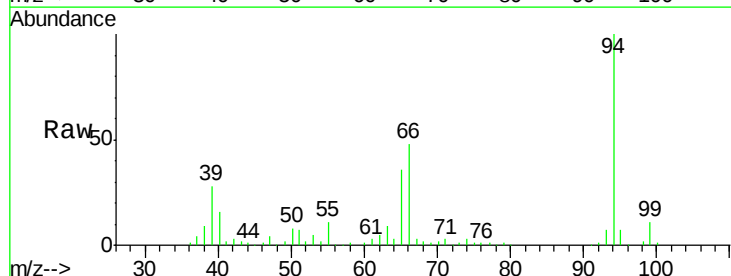
Instrument :
BNA_F
ClientSampled :

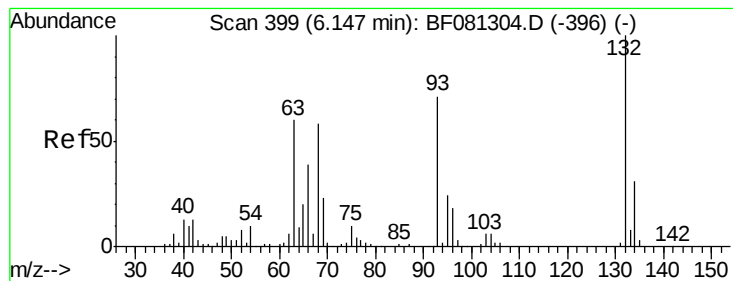
Tot Ion: 77 Resp: 34368
Ion Ratio Lower Upper
77 100
105 83.7 91.6 131.6#
106 78.9 102.6 142.6#



#10
Phenol
Concen: 41.55 ng
RT: 6.07 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion: 94 Resp: 244456
Ion Ratio Lower Upper
94 100
65 35.8 0.7 40.7
66 48.1 0.8 40.8#

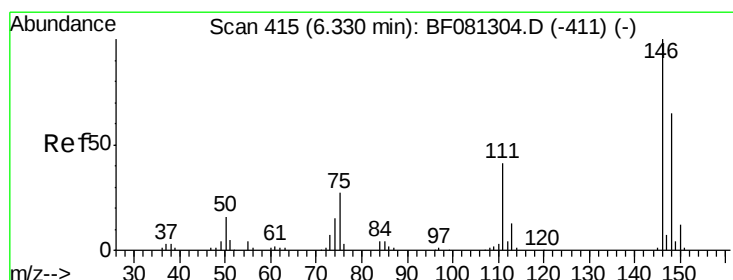
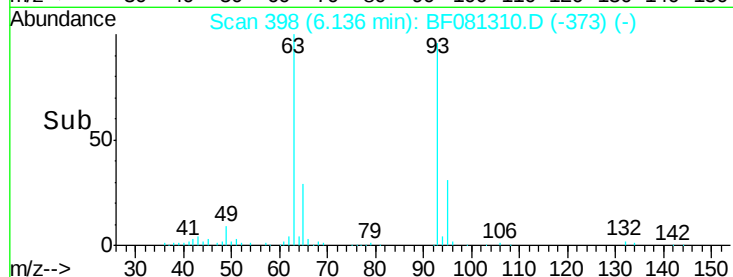
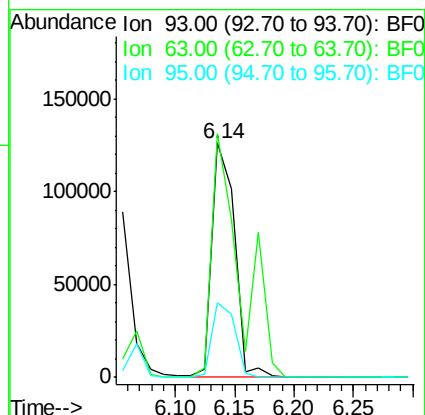
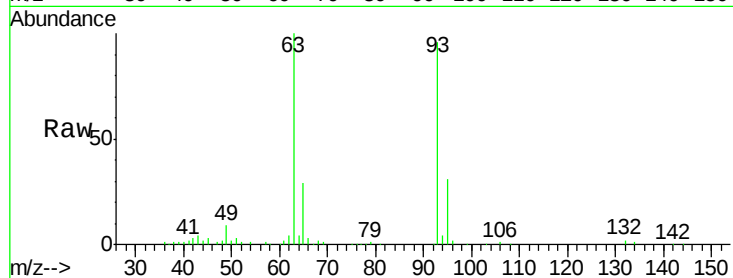




#11
bis(2-Chloroethyl)ether
Concen: 39.16 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

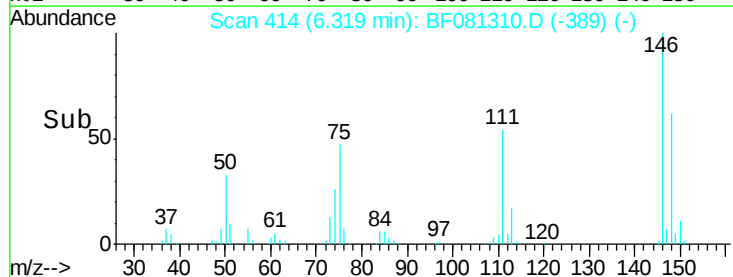
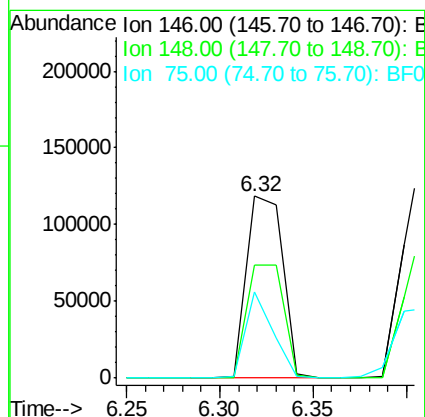
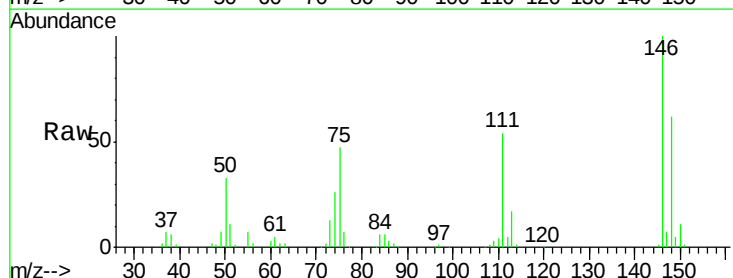
Instrument :
BNA_F
ClientSampleId :

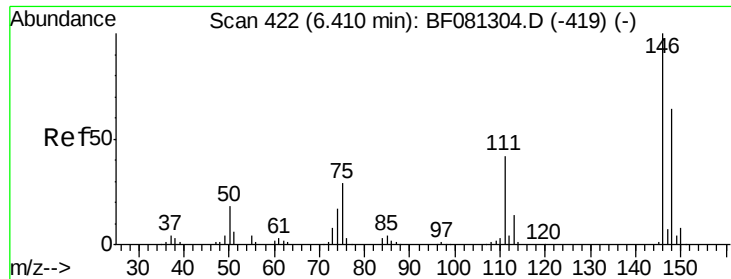
Tot Ion: 93 Resp: 166200
Ion Ratio Lower Upper
93 100
63 104.0 65.6 105.6
95 31.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 35.71 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion: 146 Resp: 161122
Ion Ratio Lower Upper
146 100
148 61.8 51.0 76.4
75 47.3 15.0 22.6#

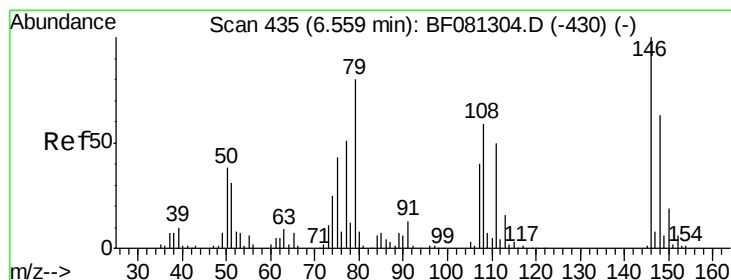
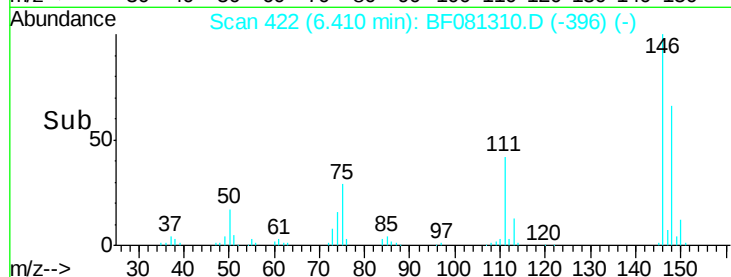
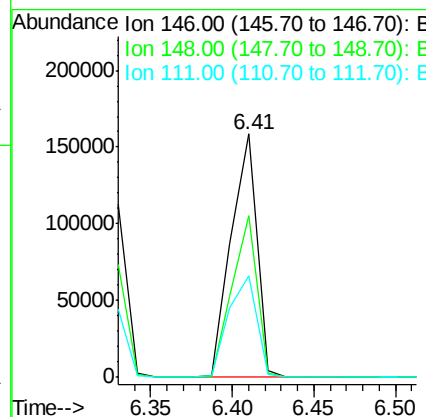
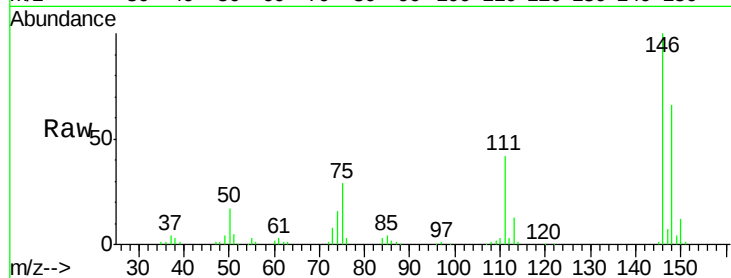




#13
 1,4-Dichlorobenzene
 Concen: 37.64 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

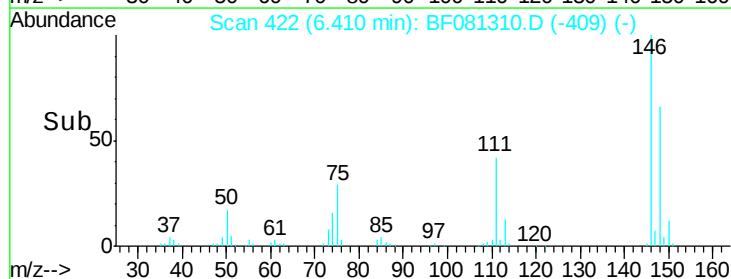
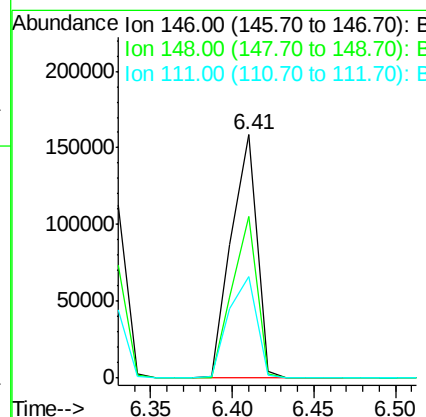
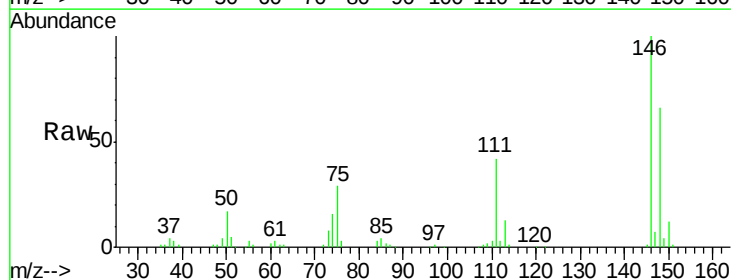
Instrument :
 BNA_F
 ClientSampleId :

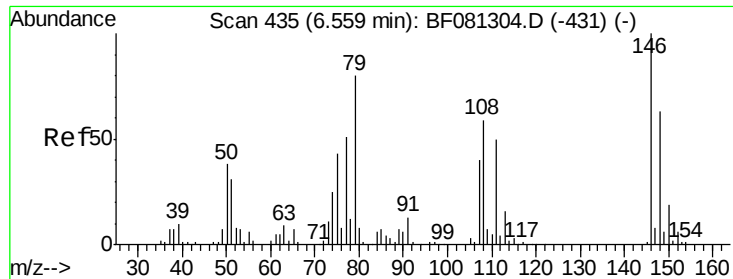
Tot Ion:146 Resp: 172917
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.8 77.6
 111 41.6 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 41.80 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.15 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion:146 Resp: 172917
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.7 79.1
 111 41.6 28.8 43.2

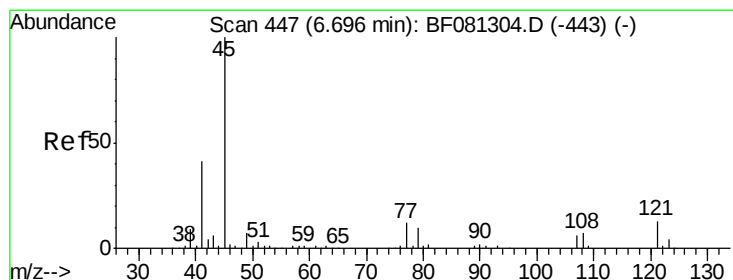
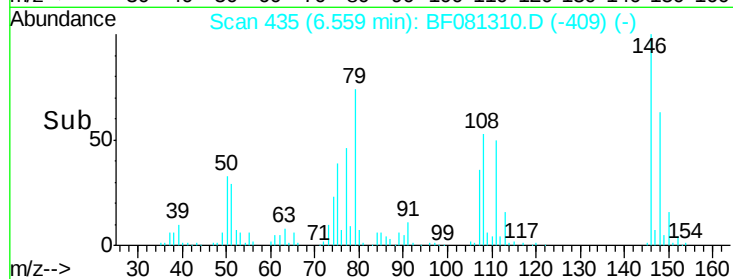
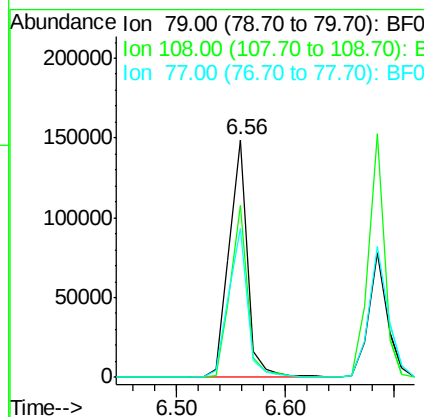
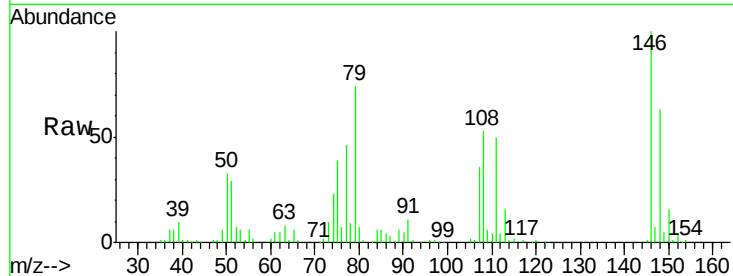




#15
Benzyl Alcohol
Concen: 42.13 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

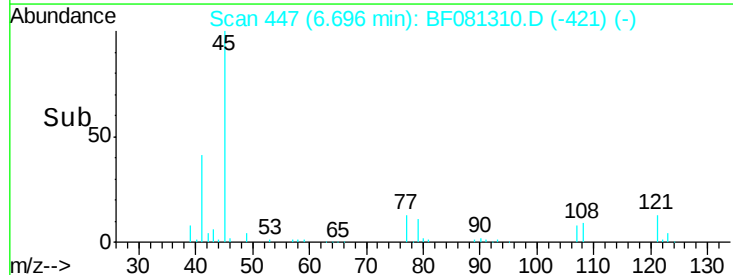
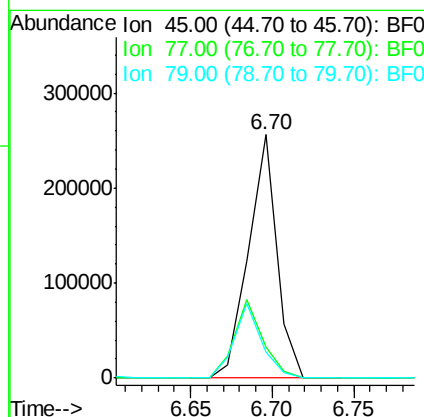
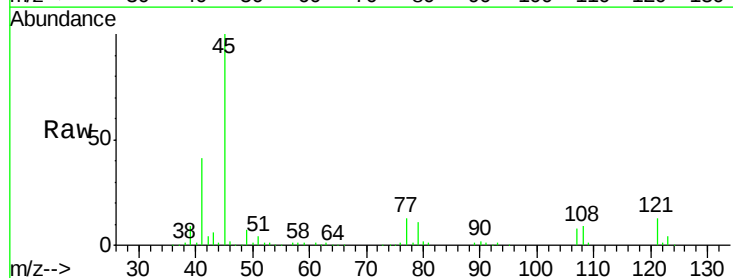
Instrument :
BNA_F
ClientSampled :

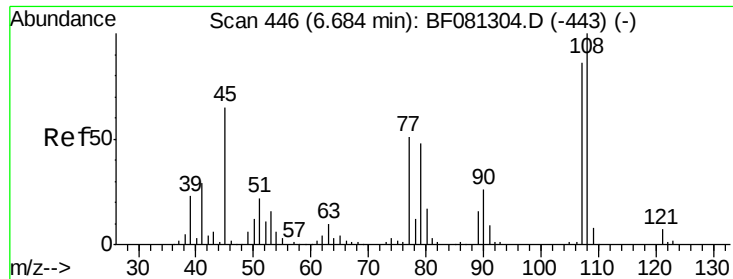
Tot Ion: 79 Resp: 175337
Ion Ratio Lower Upper
79 100
108 72.4 88.6 132.8#
77 62.9 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.01 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion: 45 Resp: 309234
Ion Ratio Lower Upper
45 100
77 13.0 0.0 28.1
79 10.6 0.0 26.0

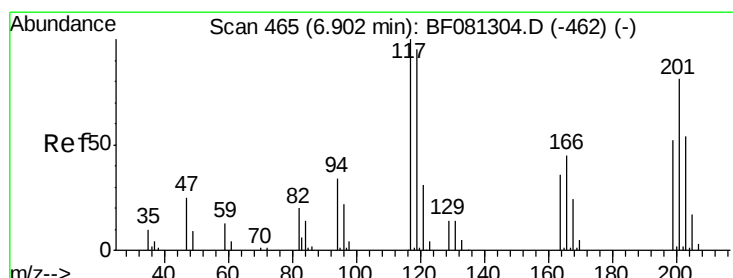
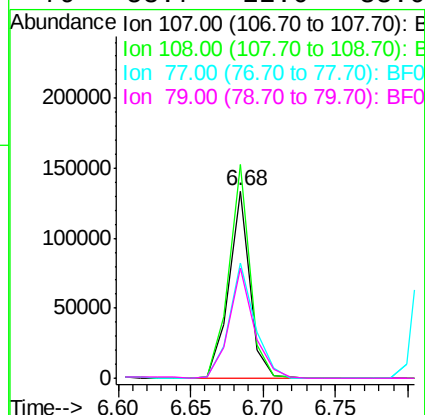
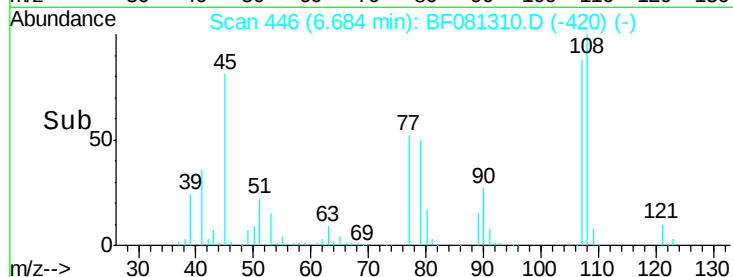
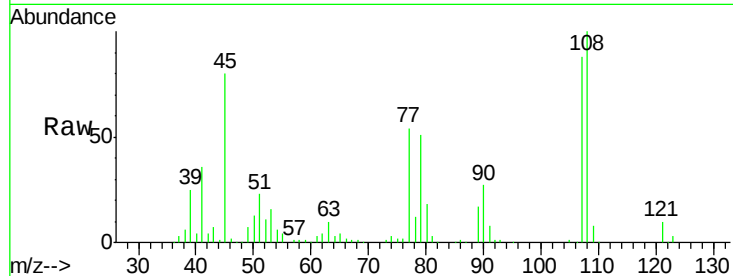




#17
2-Methylphenol
Concen: 39.80 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

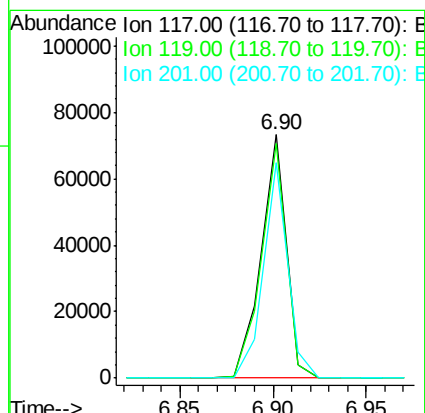
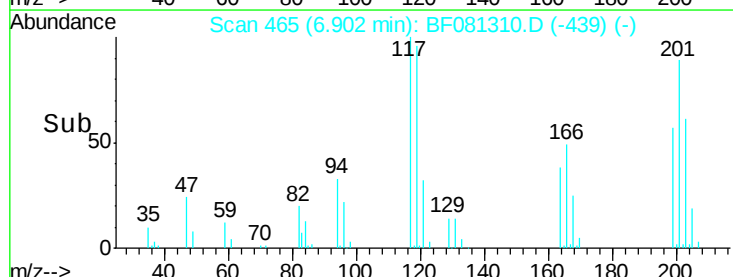
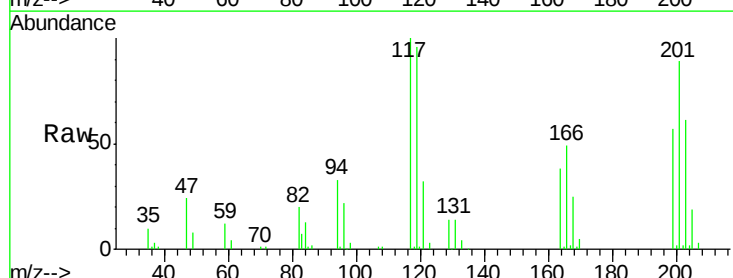
Instrument :
BNA_F
ClientSampled :

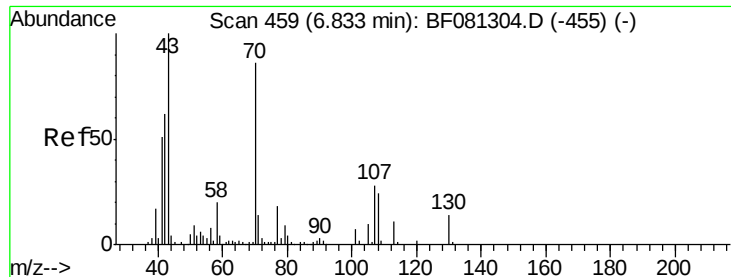
Tot Ion:107 Resp: 134118
Ion Ratio Lower Upper
107 100
108 114.3 96.6 145.0
77 61.4 23.3 34.9#
79 58.7 22.0 33.0#



#18
Hexachloroethane
Concen: 38.09 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion:117 Resp: 68079
Ion Ratio Lower Upper
117 100
119 96.4 83.8 125.6
201 88.7 55.1 82.7#

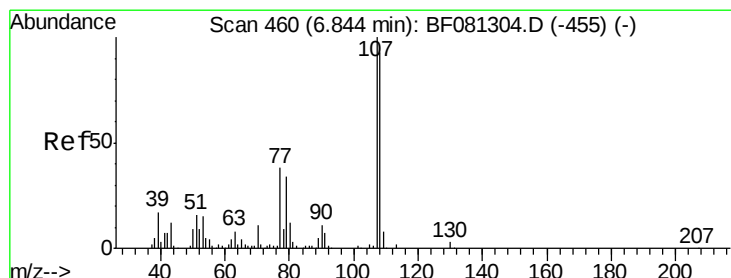
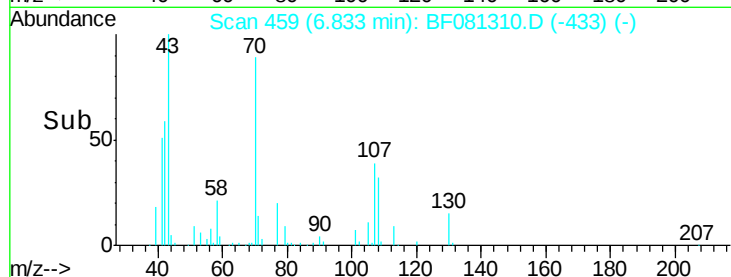
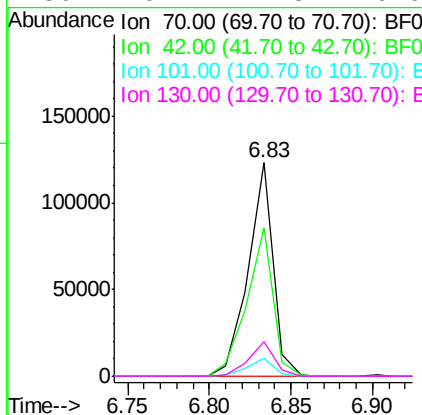
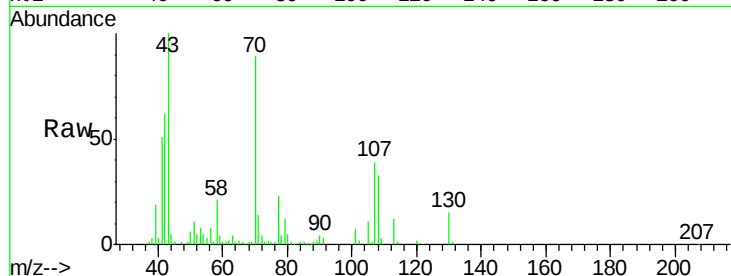




#19
n-Nitroso-di-n-propylamine
Concen: 37.91 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

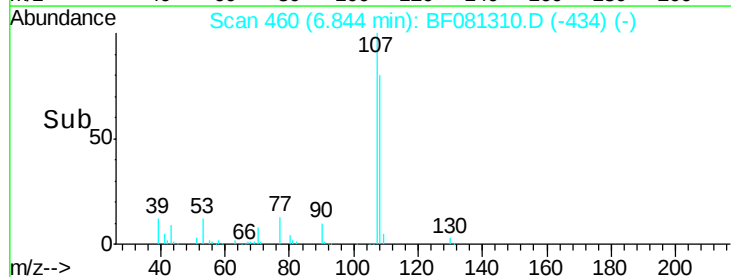
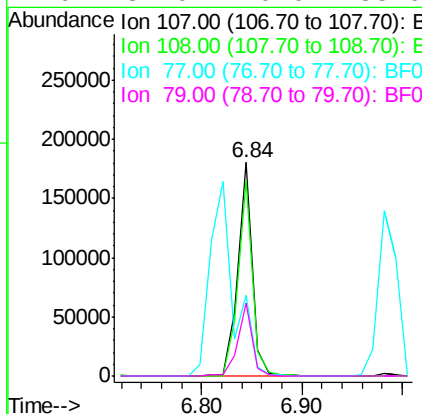
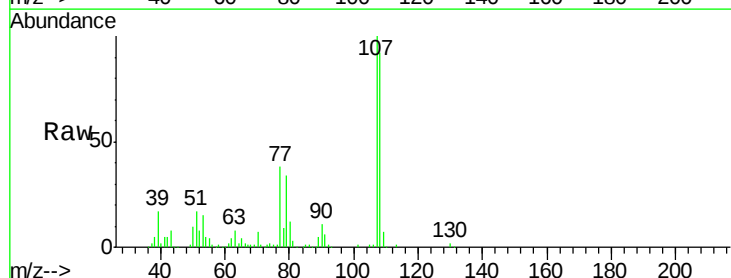
Instrument :
BNA_F
ClientSampleId :

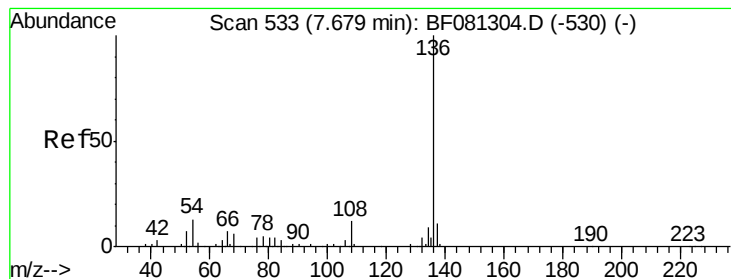
Tot Ion: 70 Resp: 130901
Ion Ratio Lower Upper
70 100
42 69.4 63.8 95.6
101 8.2 9.2 13.8#
130 16.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 39.73 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion:107 Resp: 180492
Ion Ratio Lower Upper
107 100
108 91.7 74.6 114.6
77 37.8 0.7 40.7
79 34.0 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: BF081310.D

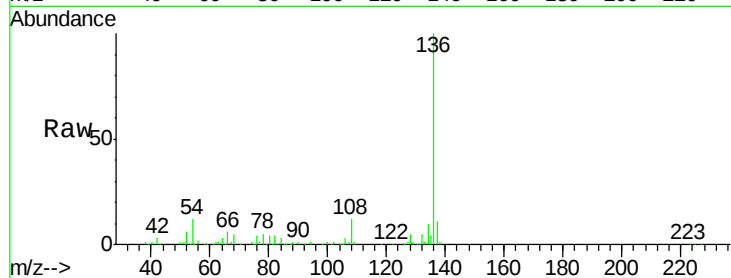
Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	229638
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	11.9	8.2 12.2
68	5.3	5.8 8.6#

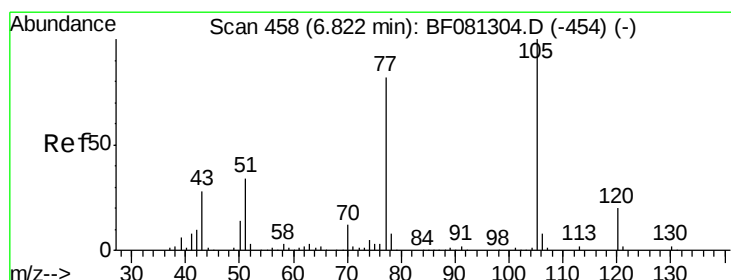
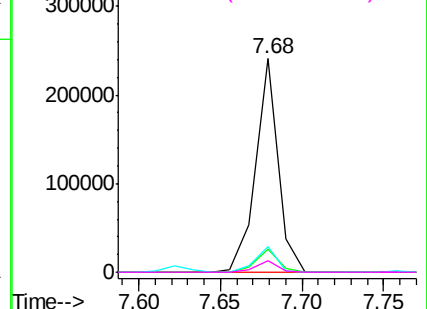
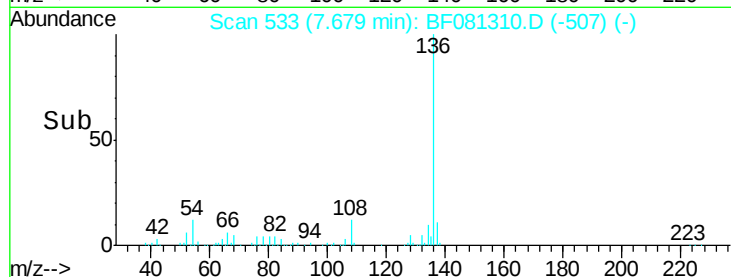


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.59 ng

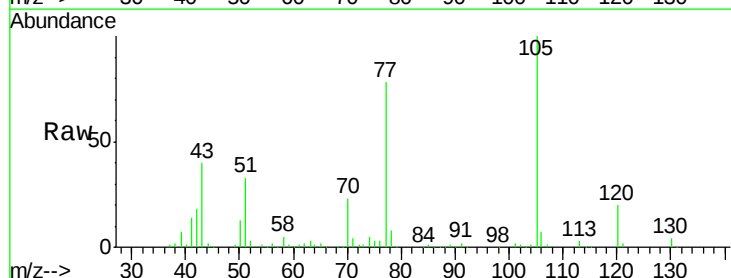
RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Tgt Ion:105	Resp:	254568
Ion Ratio	Lower	Upper
105	100	
71	3.7	4.7 7.1#
51	32.6	22.0 33.0
120	19.5	30.1 45.1#

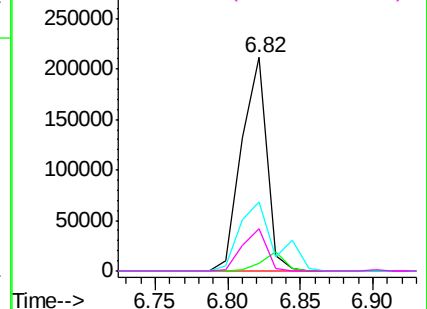
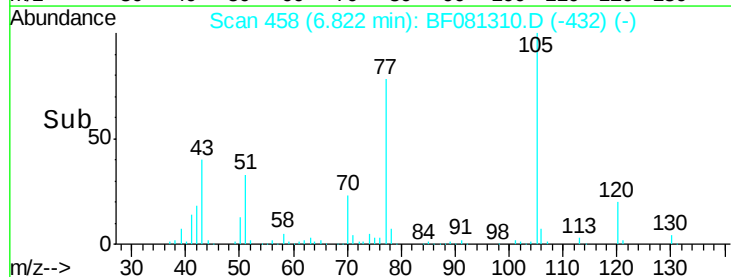


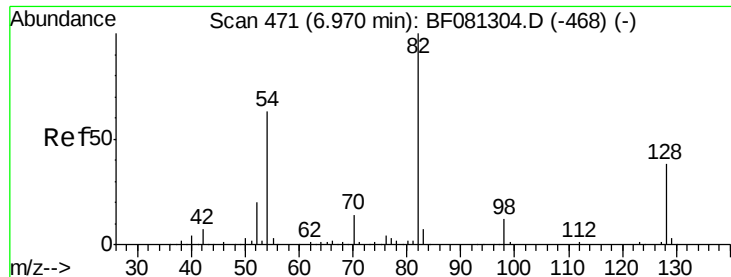
Abundance Ion 105.00 (104.70 to 105.70): E

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

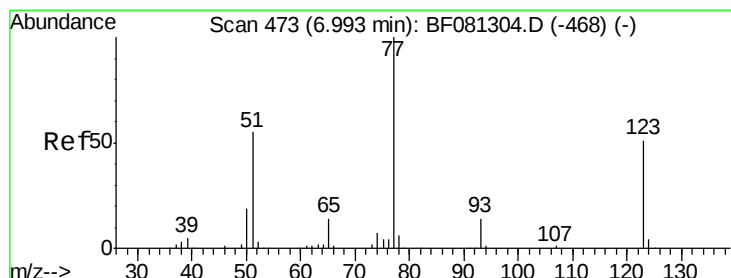
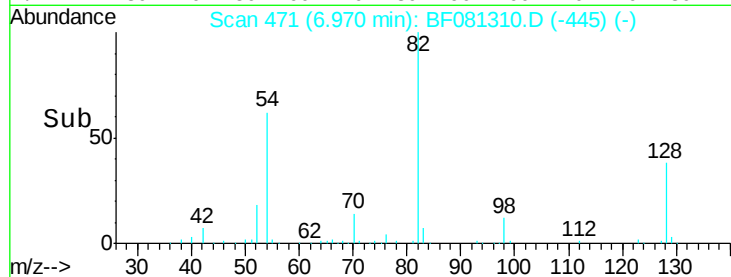
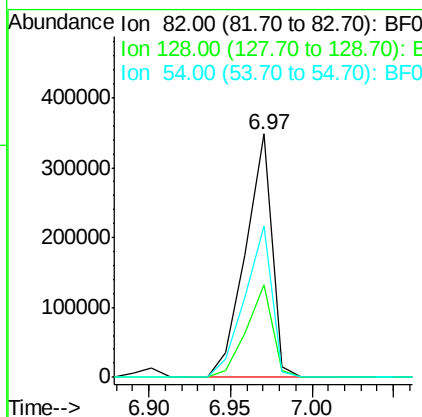
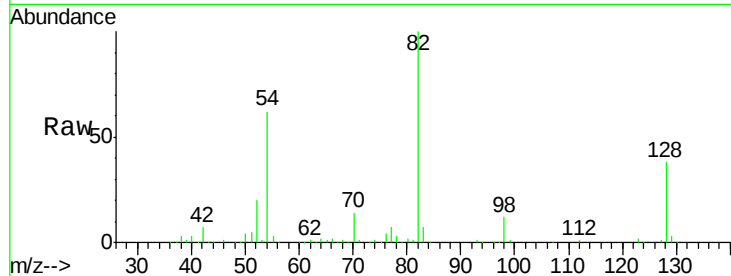




#23
Nitrobenzene-d5
Concen: 82.75 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

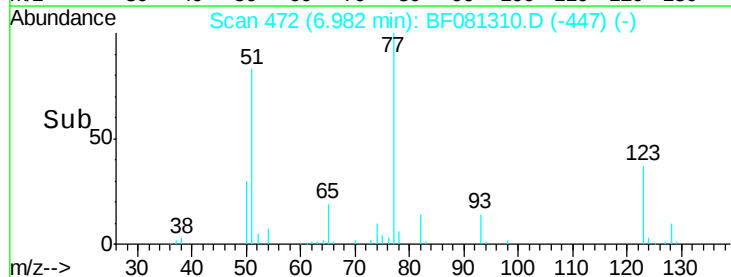
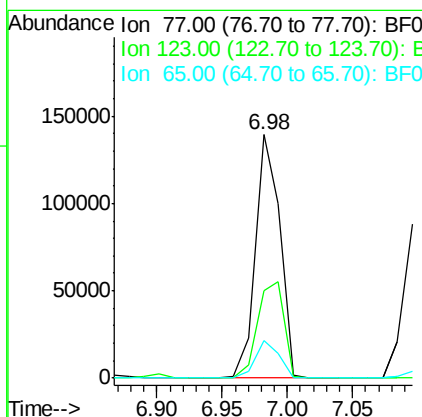
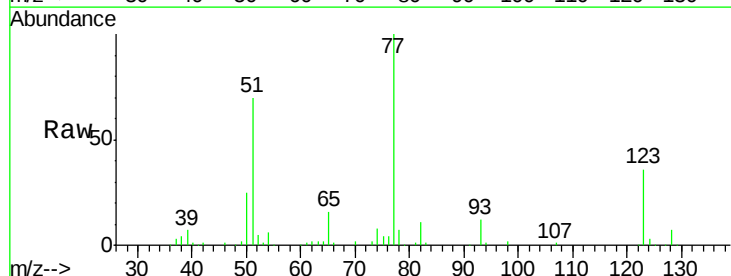
Instrument :
BNA_F
ClientSampleId :

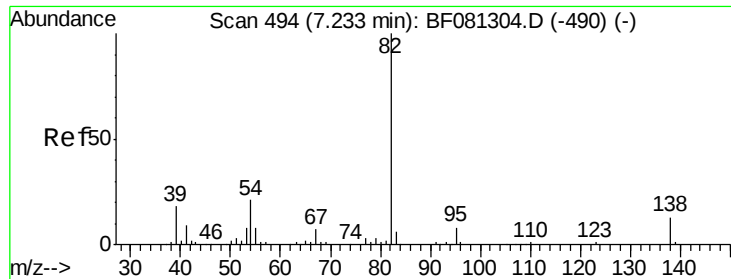
Tot Ion	82	Resp	393842
Ion Ratio	Lower	Upper	
82	100		
128	38.1	51.0	76.6#
54	62.4	47.5	71.3



#24
Nitrobenzene
Concen: 36.82 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion	77	Resp	181977
Ion Ratio	Lower	Upper	
77	100		
123	35.9	59.8	89.8#
65	15.5	10.2	15.4#





#25

Isophorone

Concen: 37.77 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

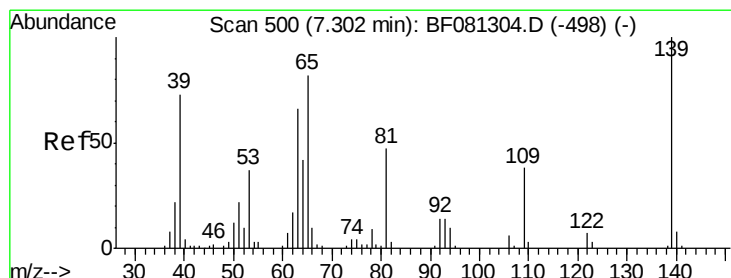
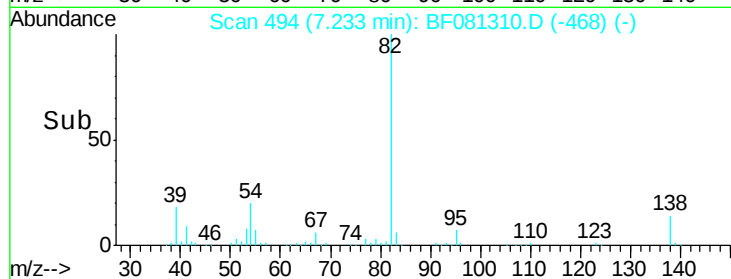
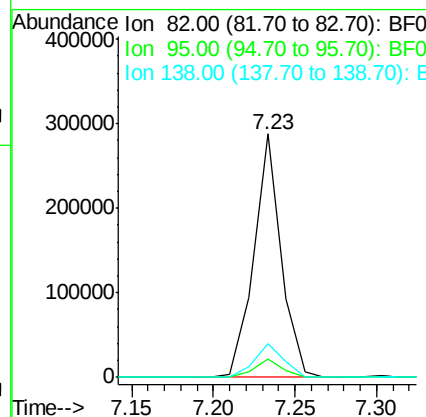
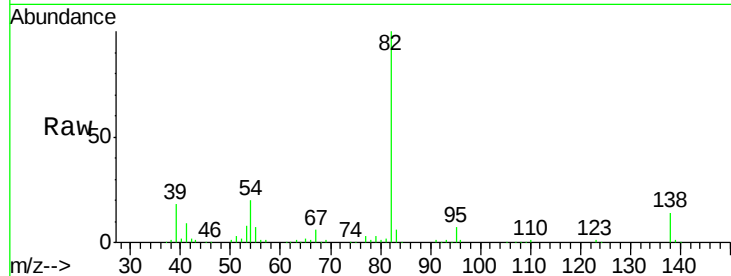
Tot Ion: 82 Resp: 334410

Ion Ratio Lower Upper

82 100

95 7.4 4.0 6.0#

138 13.7 18.3 27.5#



#26

2-Nitrophenol

Concen: 35.66 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

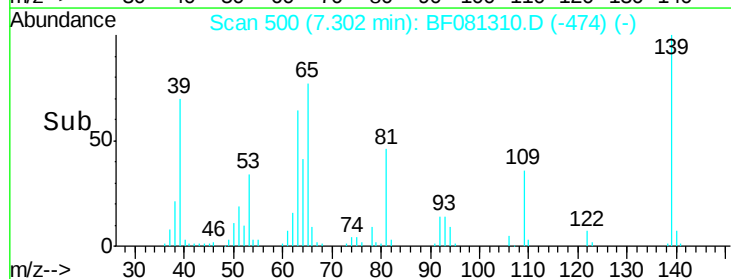
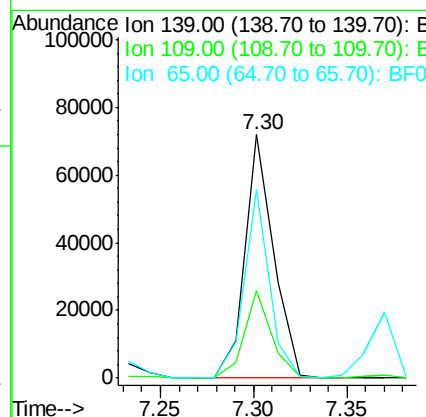
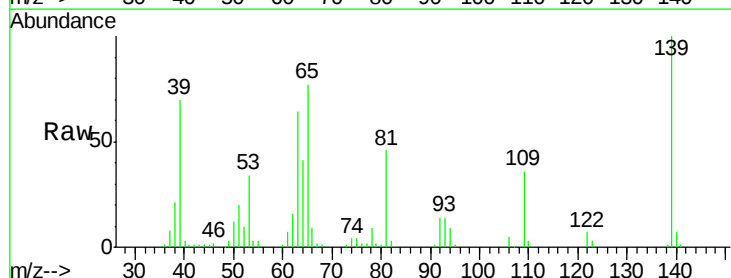
Tgt Ion: 139 Resp: 76825

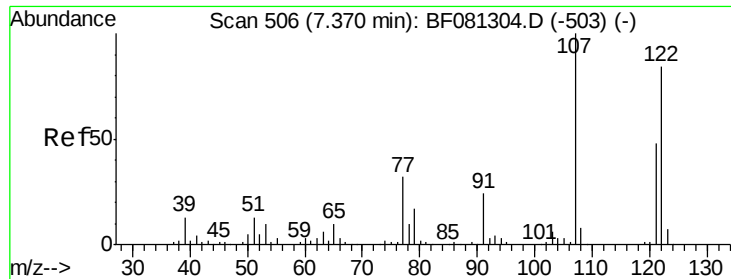
Ion Ratio Lower Upper

139 100

109 36.1 11.0 16.4#

65 77.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 43.03 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

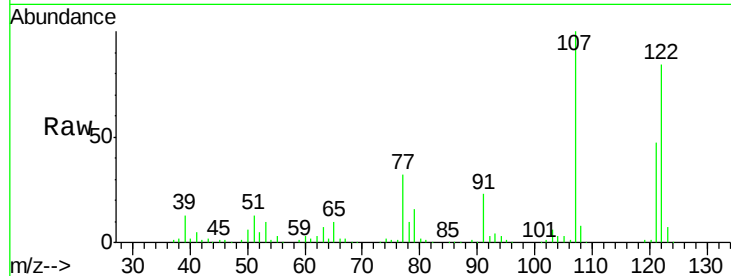
Tot Ion:122 Resp: 160093

Ion Ratio Lower Upper

122 100

107 119.7 71.8 107.6#

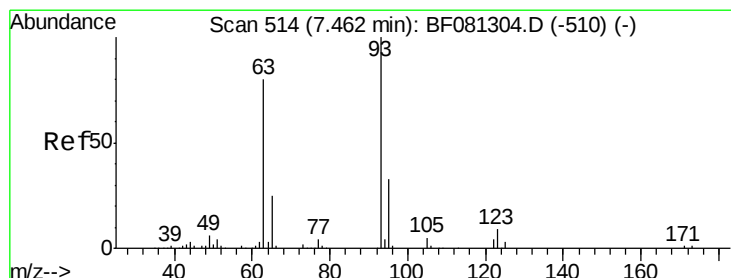
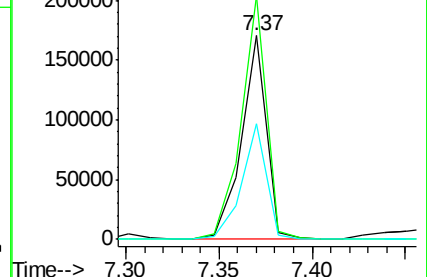
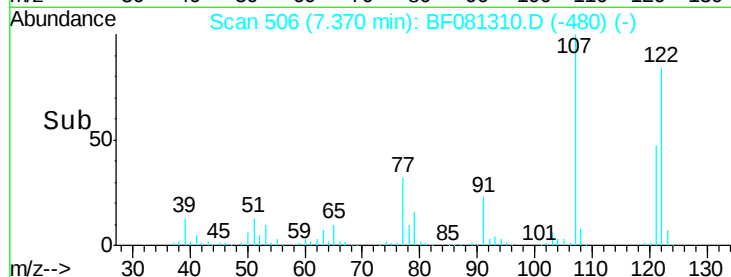
121 56.7 42.3 63.5



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: 42.59 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

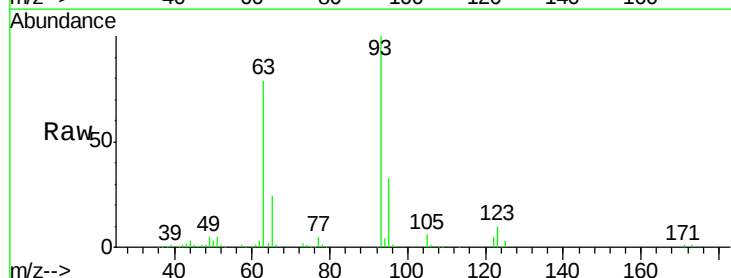
Tgt Ion: 93 Resp: 217786

Ion Ratio Lower Upper

93 100

95 32.7 27.5 41.3

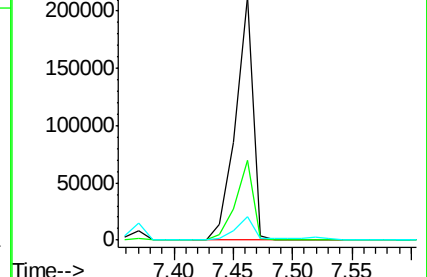
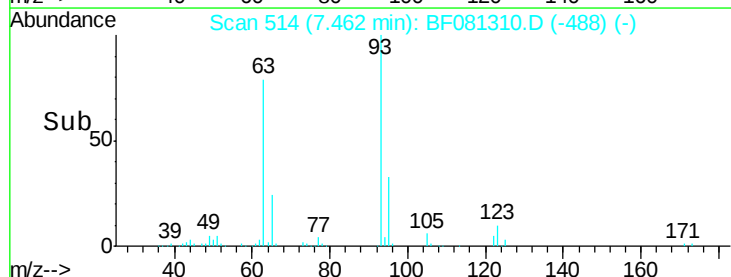
123 9.7 13.7 20.5#

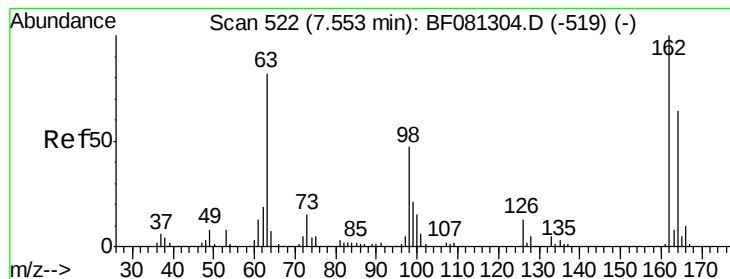


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.33 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

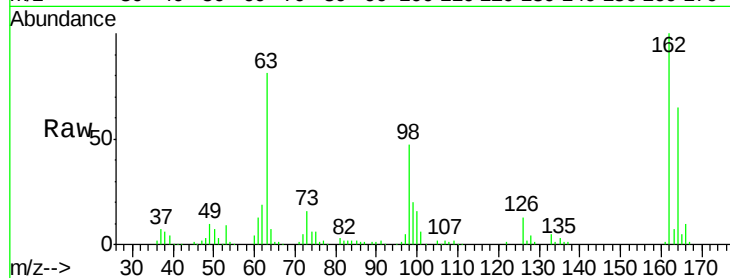
Tot Ion:162 Resp: 133346

Ion Ratio Lower Upper

162 100

164 64.6 44.9 84.9

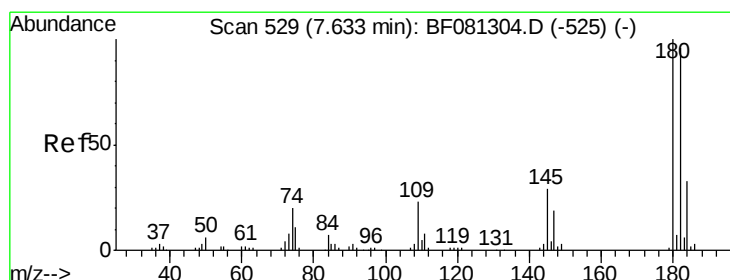
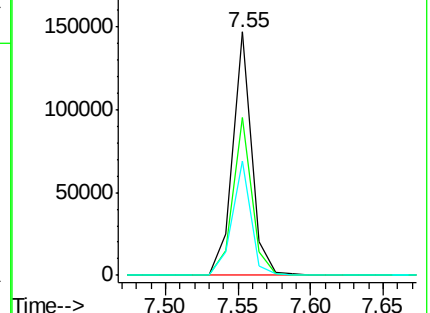
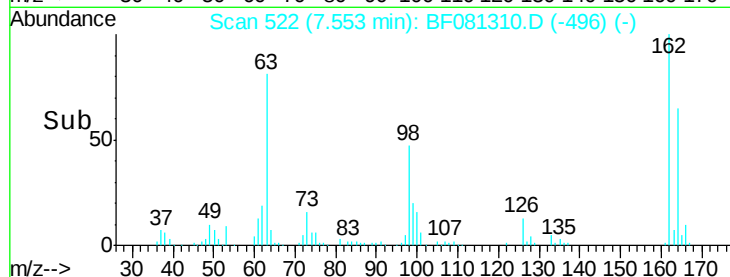
98 46.7 13.0 53.0



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: 38.94 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

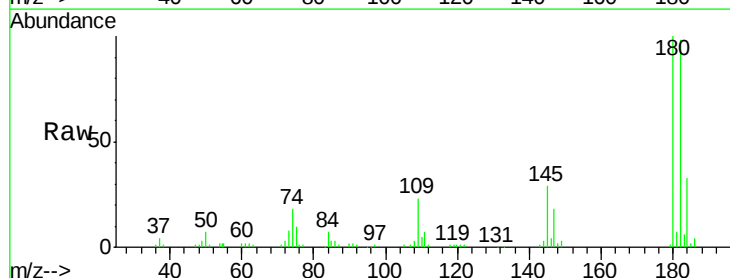
Tgt Ion:180 Resp: 136504

Ion Ratio Lower Upper

180 100

182 97.6 77.1 115.7

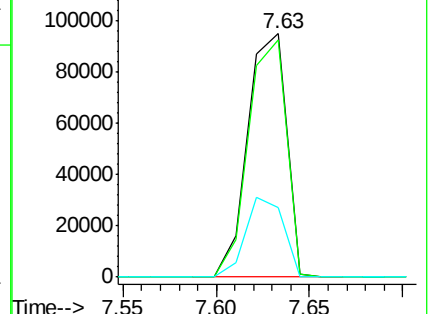
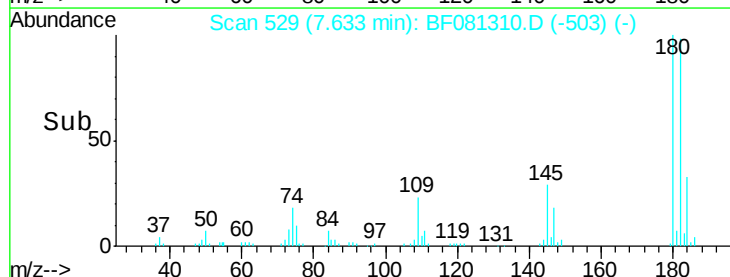
145 28.6 23.3 34.9

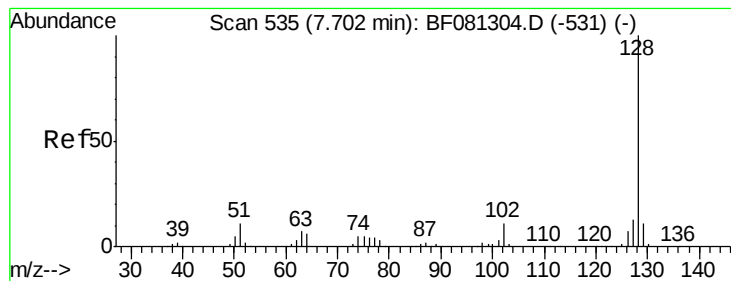


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.75 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

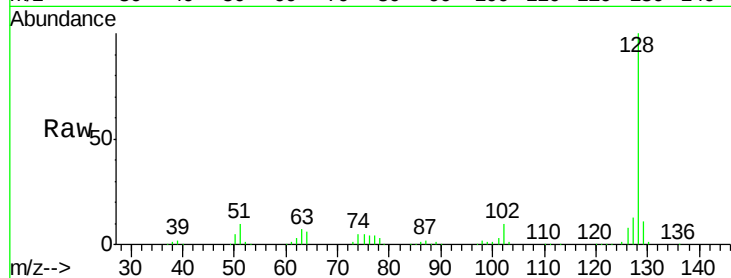
Tot Ion:128 Resp: 486773

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

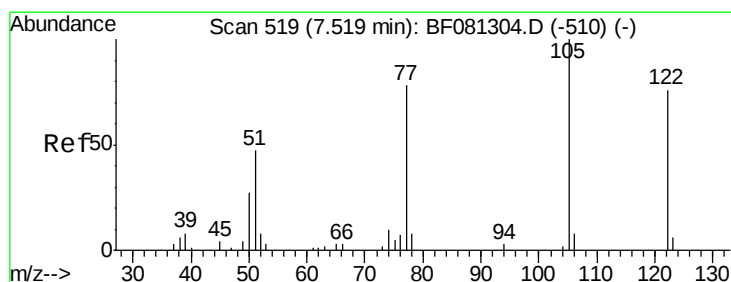
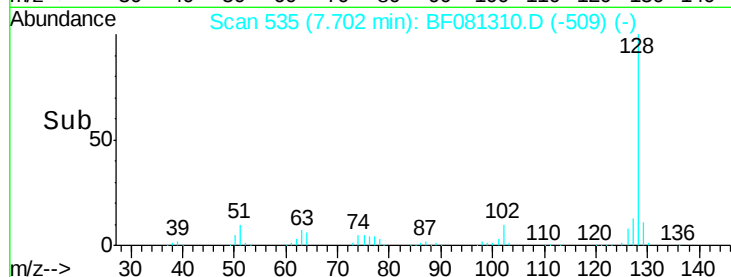
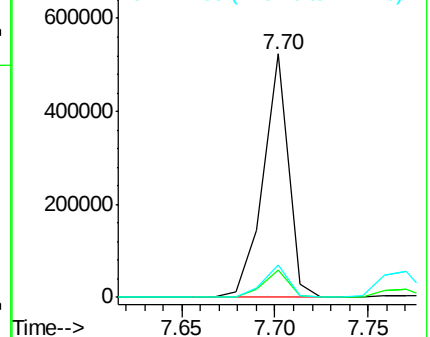
127 13.1 9.9 14.9



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: 38.27 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

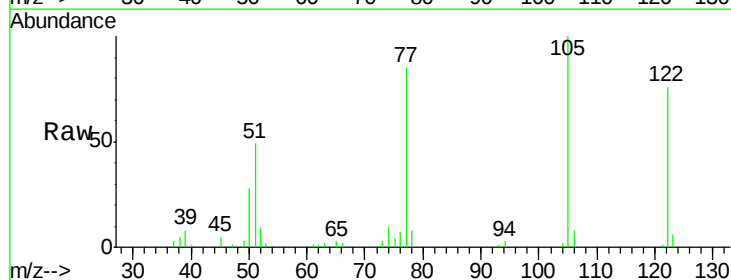
Tgt Ion:122 Resp: 100216

Ion Ratio Lower Upper

122 100

105 132.4 76.1 116.1#

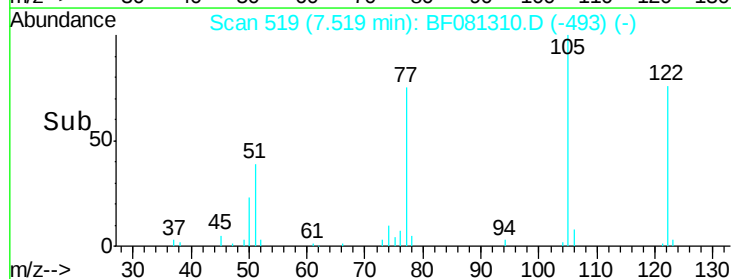
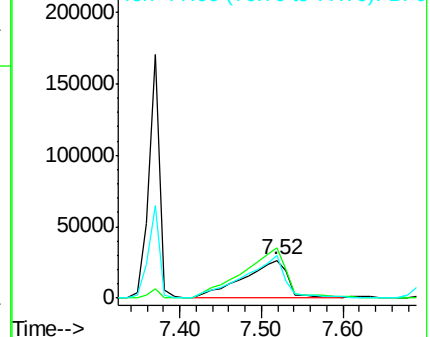
77 111.9 40.5 80.5#

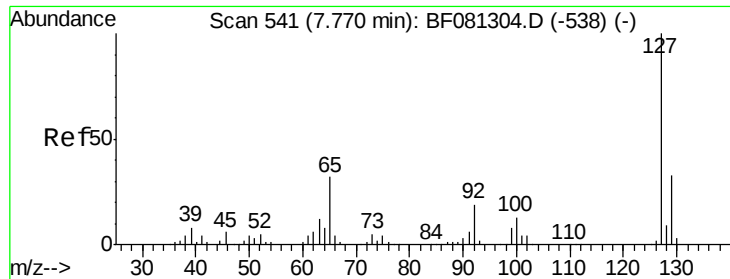


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

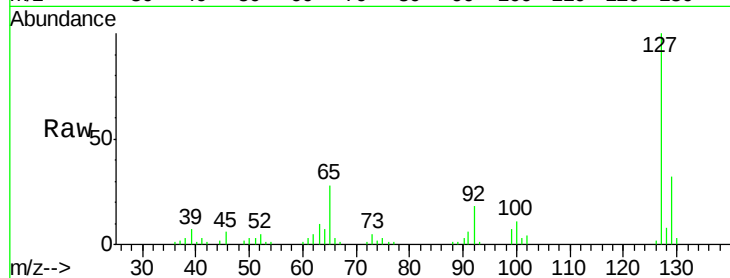




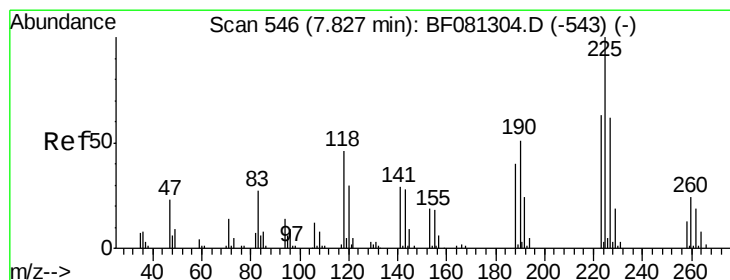
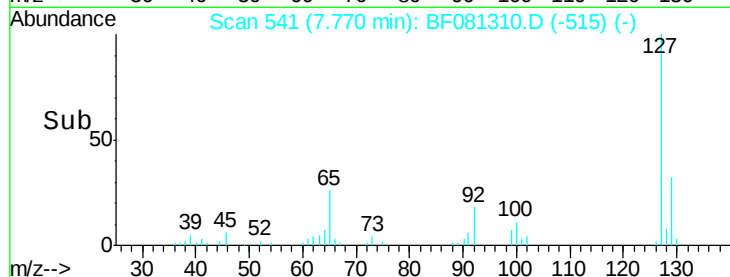
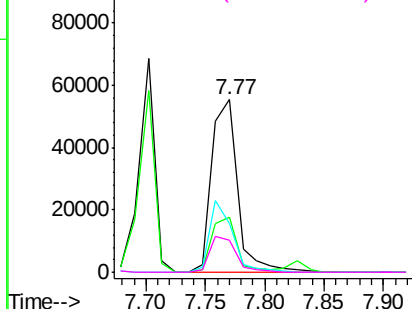
#33
4-Chloroaniline
Concen: 16.72 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	83515
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	28.1	17.9	26.9#
92	18.4	10.5	15.7#

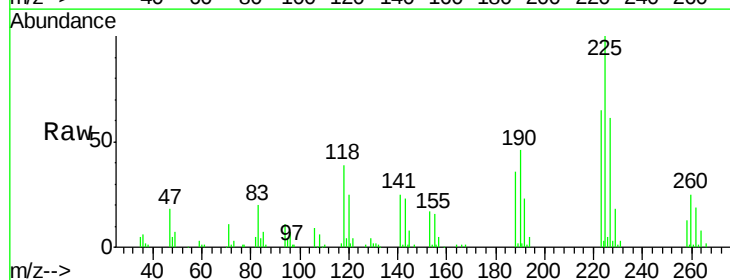


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

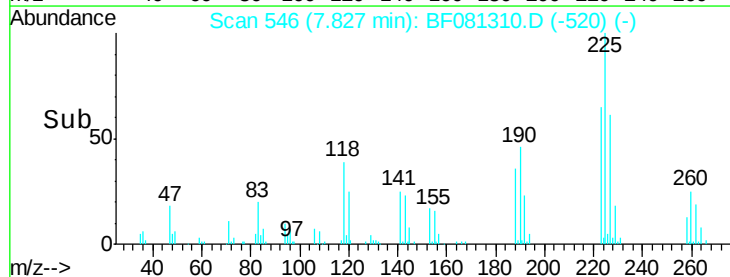
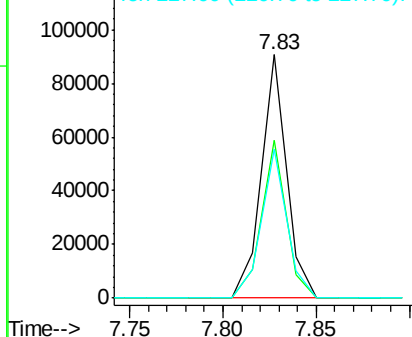


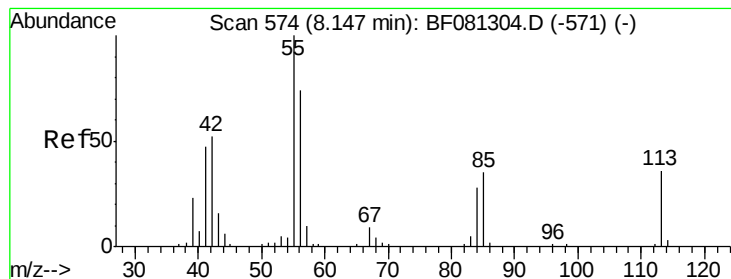
#34
Hexachlorobutadiene
Concen: 39.56 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion:	225	Resp:	84381
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.2	75.2
227	60.9	52.2	78.2



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





#35

Caprolactam

Concen: 27.49 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

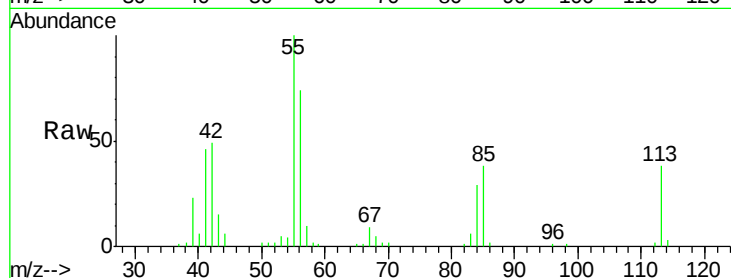
Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampled :



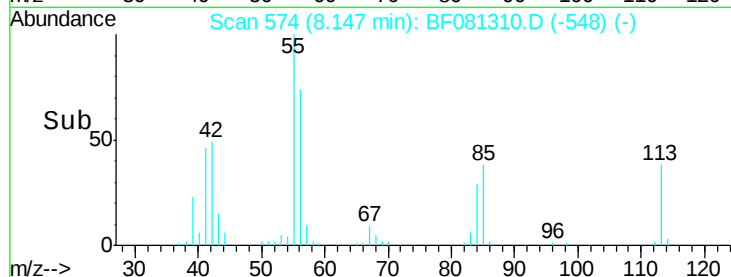
Tot Ion:113 Resp: 27204

Ion Ratio Lower Upper

113 100

55 262.2 152.4 192.4#

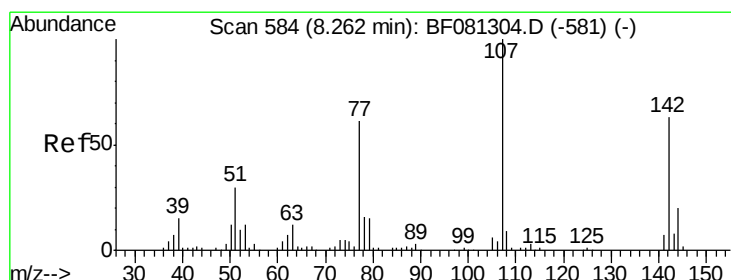
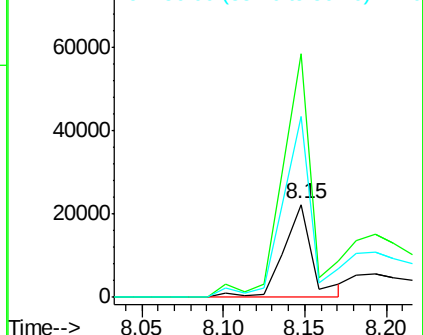
56 194.4 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.64 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

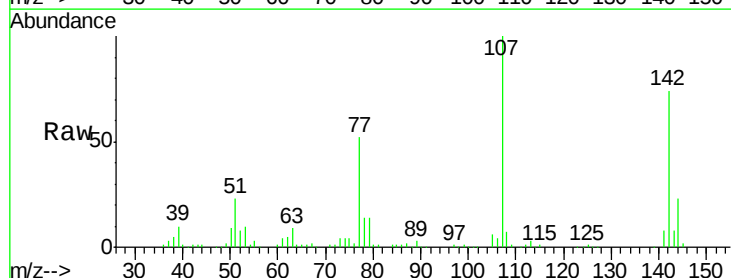
Tgt Ion:107 Resp: 168463

Ion Ratio Lower Upper

107 100

144 23.2 25.4 38.0#

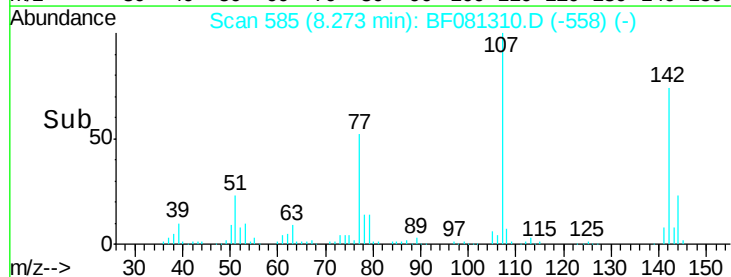
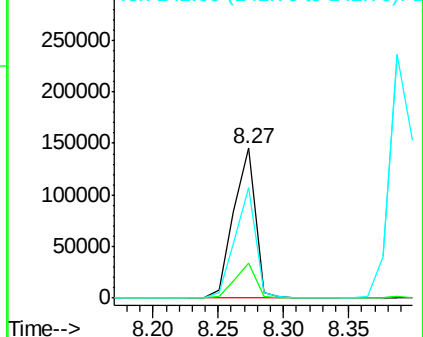
142 74.0 77.3 115.9#

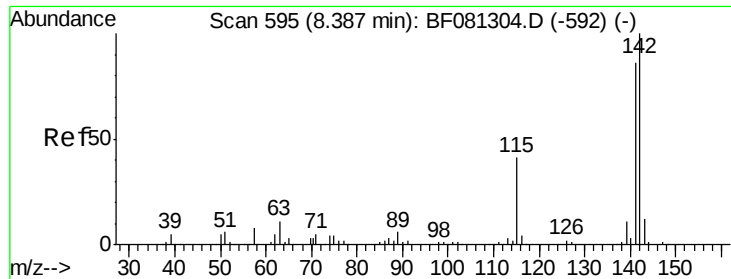


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

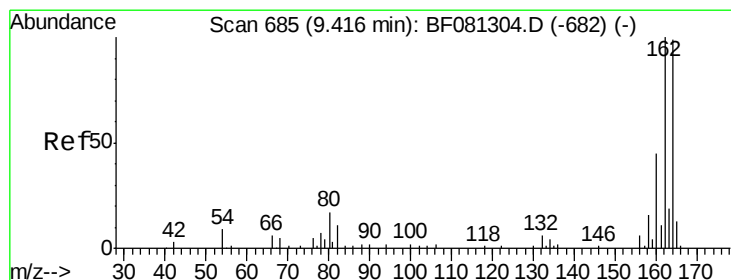
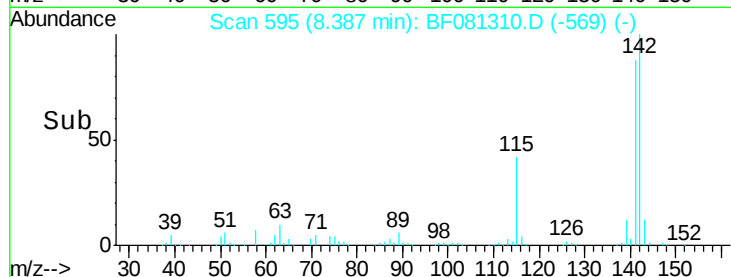
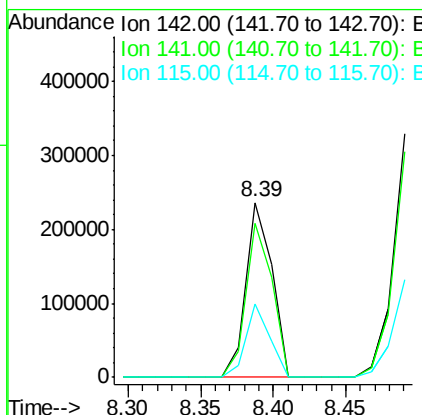
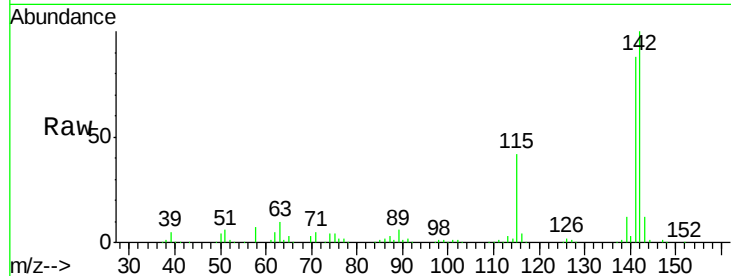




#37
 2-Methylnaphthalene
 Concen: 37.16 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

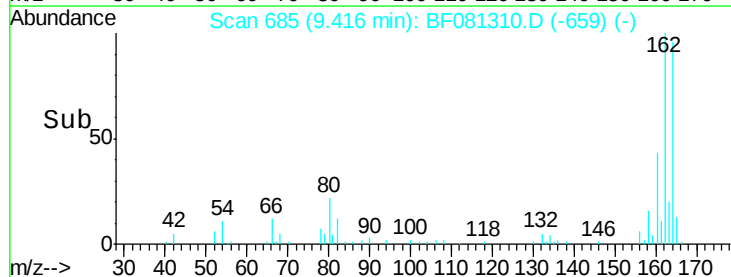
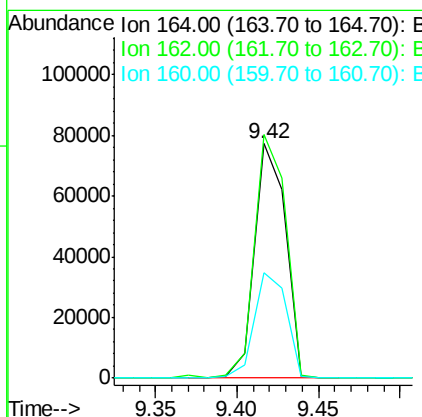
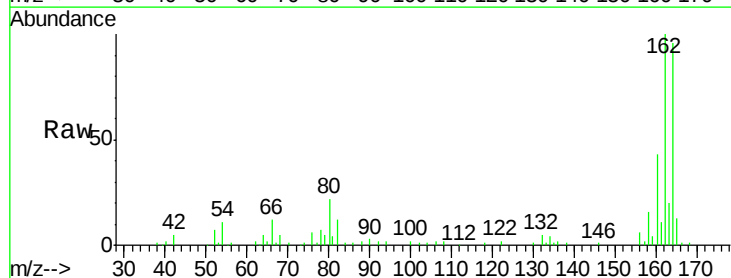
Instrument :
 BNA_F
 ClientSampleId :

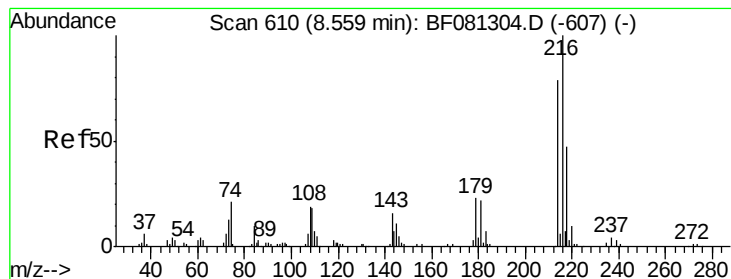
Tot Ion:142 Resp: 296154
 Ion Ratio Lower Upper
 142 100
 141 88.1 67.5 101.3
 115 41.8 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion:164 Resp: 102167
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 45.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.82 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081310.D

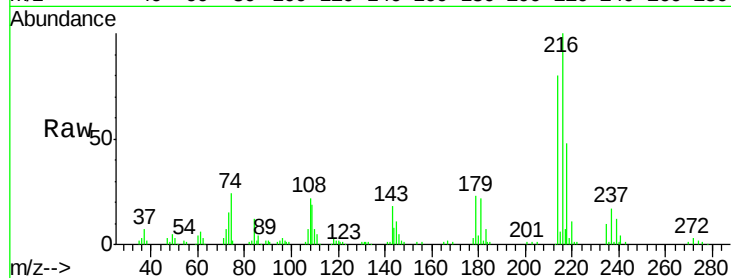
Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	128665
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.5 95.3
179	23.0	16.6 24.8
108	25.4	16.3 24.5#

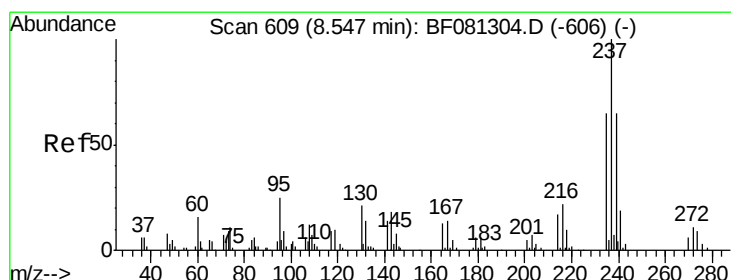
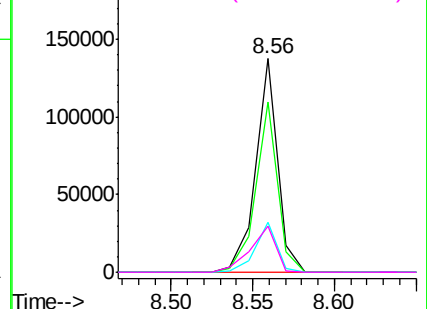
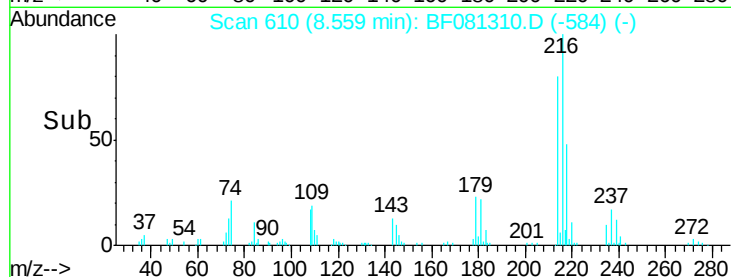


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.81 ng

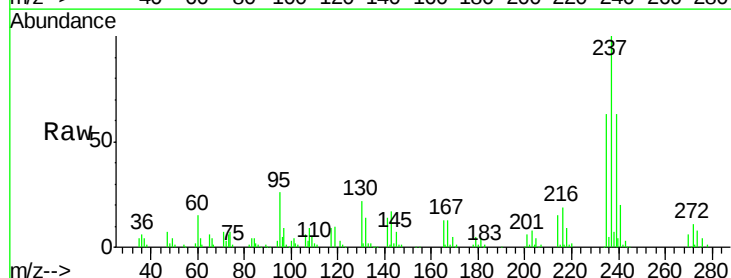
RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

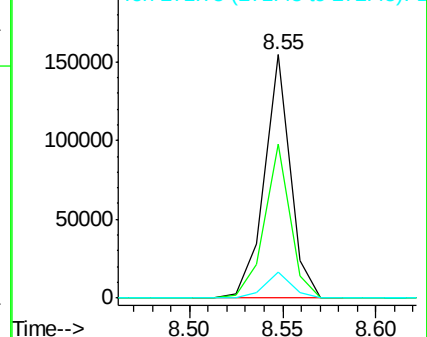
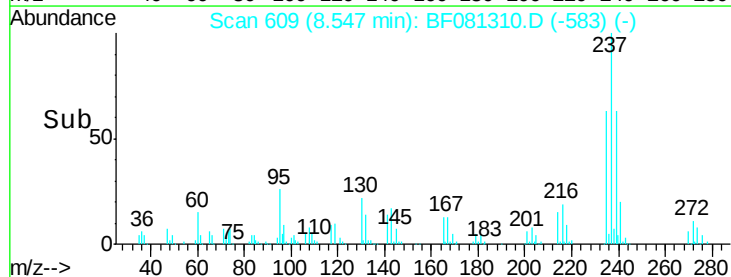
Tgt Ion:237	Resp:	147169
Ion Ratio	Lower	Upper
237	100	
235	63.3	42.0 82.0
272	10.8	0.0 36.1

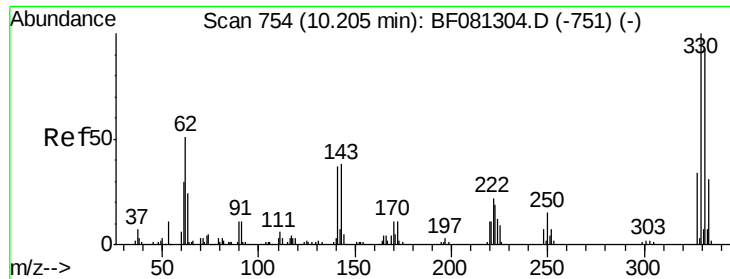


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

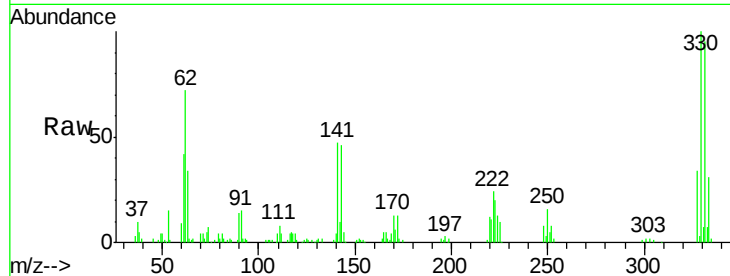




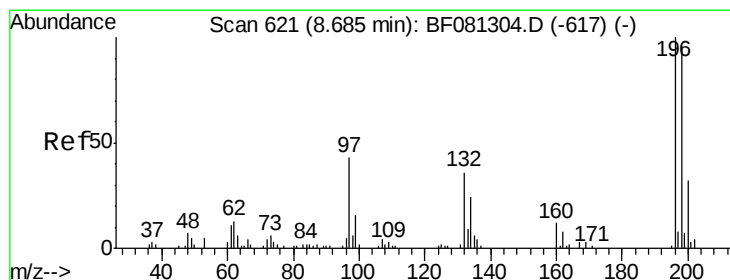
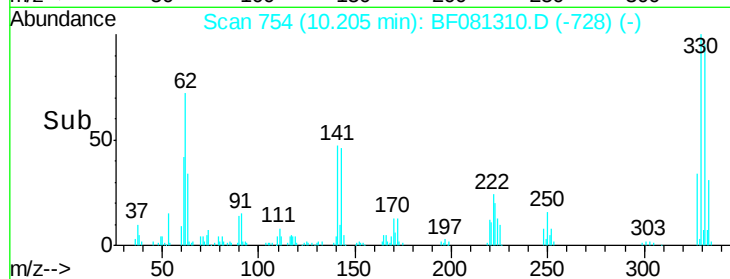
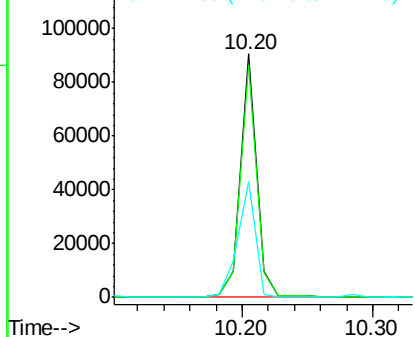
#41
 2,4,6-Tribromophenol
 Concen: 85.15 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 77465
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 52.7 29.7 44.5#

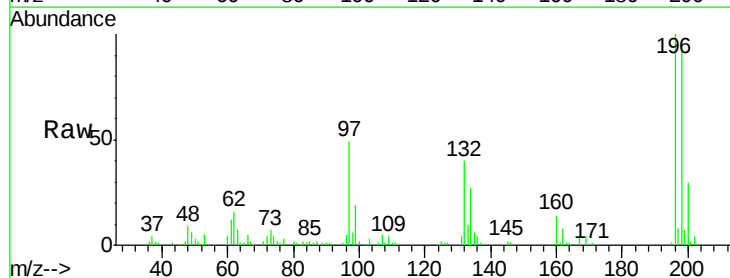


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

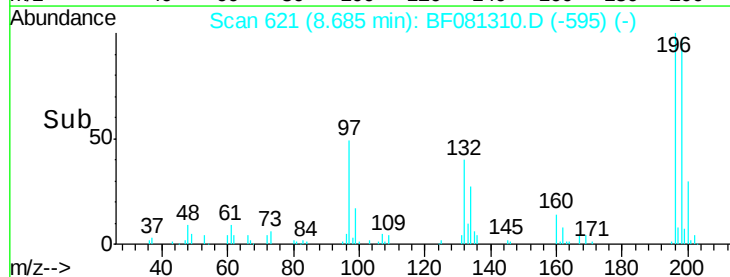
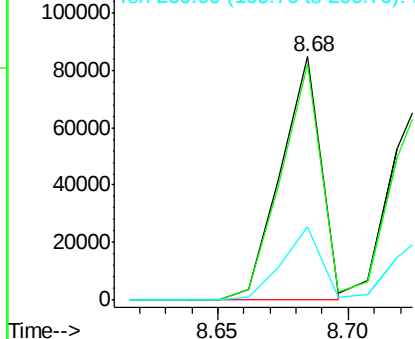


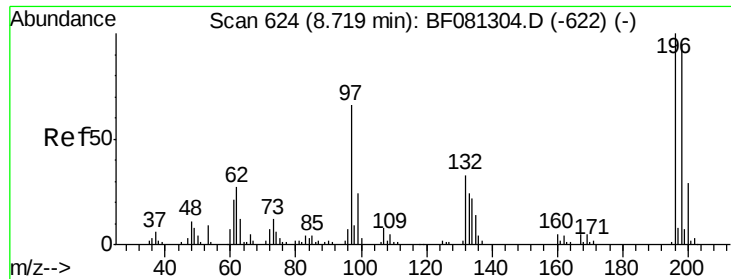
#42
 2,4,6-Trichlorophenol
 Concen: 40.77 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion:196 Resp: 90913
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.7 113.5
 200 29.9 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

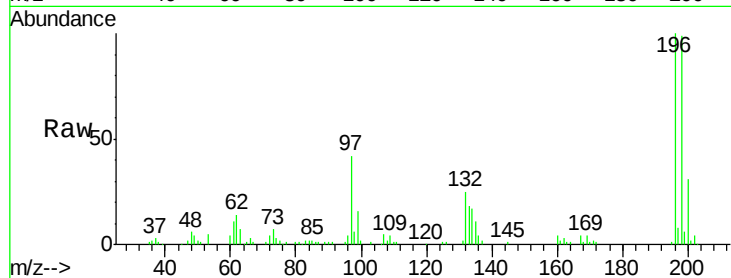




#43
 2,4,5-Trichlorophenol
 Concen: 43.06 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.4	113.0
97	41.9	33.3	49.9
132	24.5	24.6	37.0



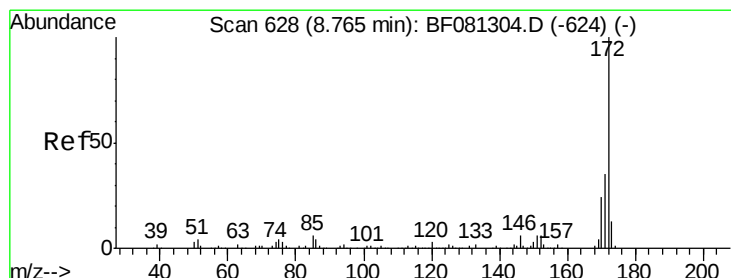
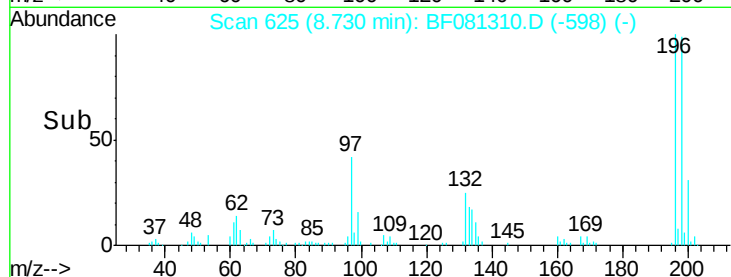
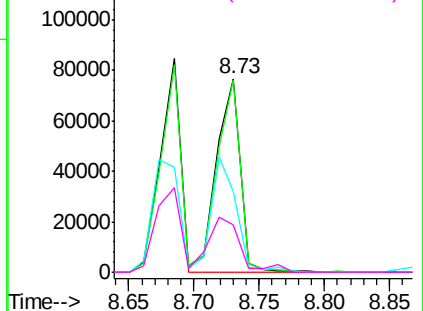
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

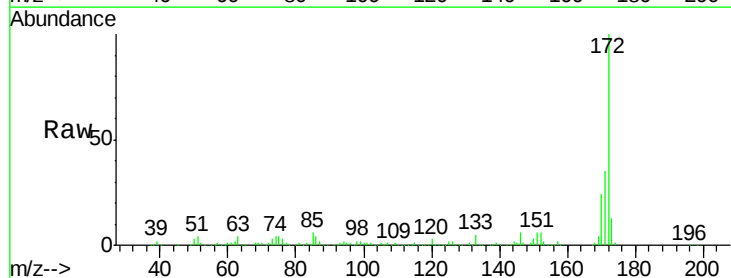
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.20 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	24.1	17.4	26.2

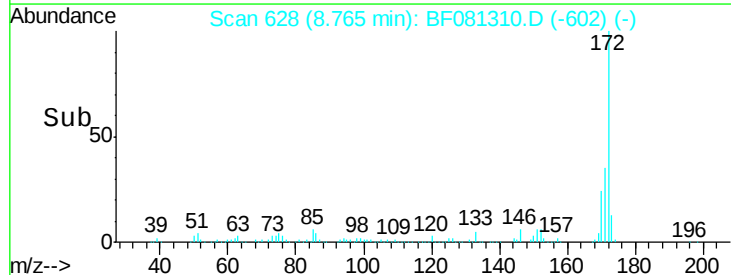
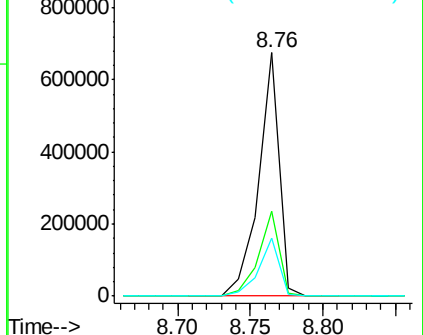


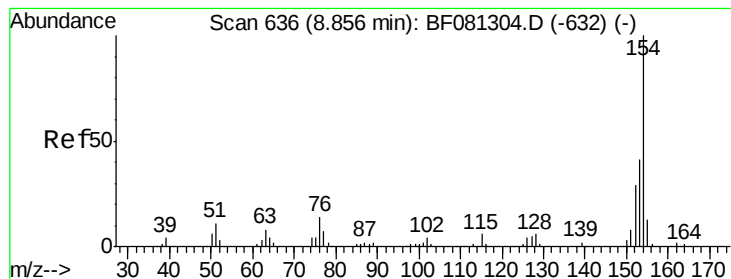
Abundance

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: 37.26 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampled :

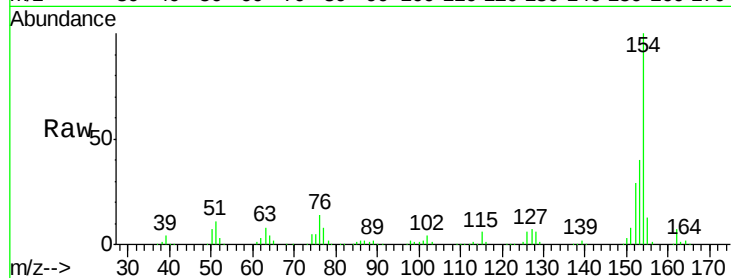
Tot Ion:154 Resp: 350180

Ion Ratio Lower Upper

154 100

153 39.7 17.1 57.1

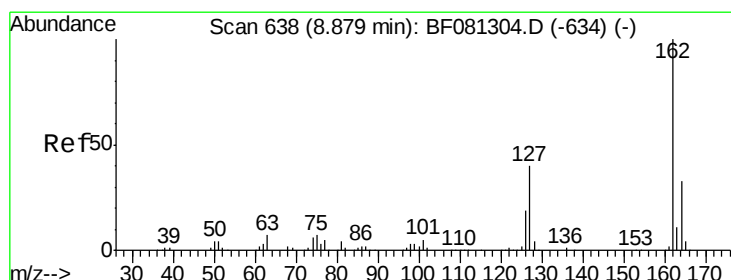
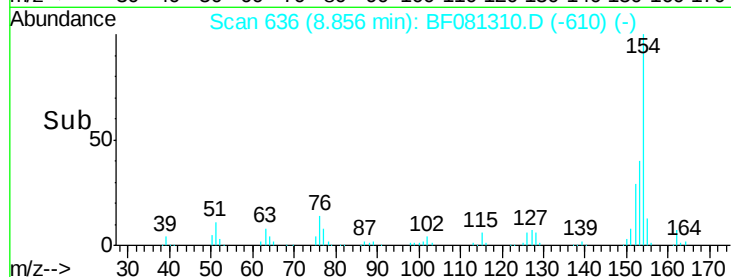
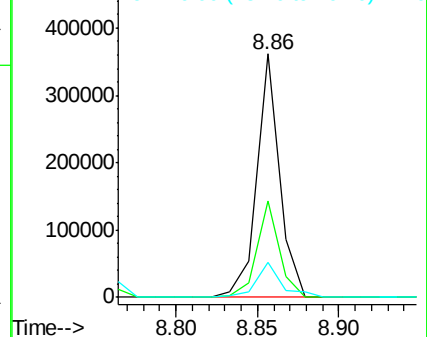
76 14.1 0.0 31.6



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: 42.61 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

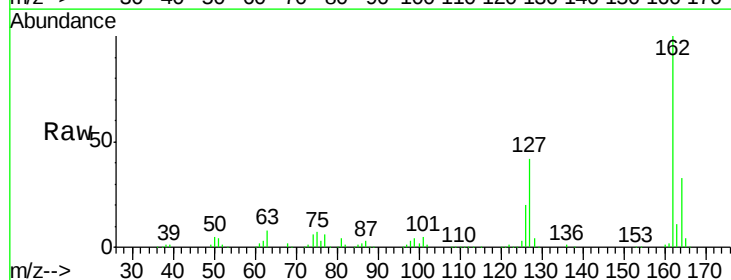
Tgt Ion:162 Resp: 289260

Ion Ratio Lower Upper

162 100

127 42.5 27.6 41.4#

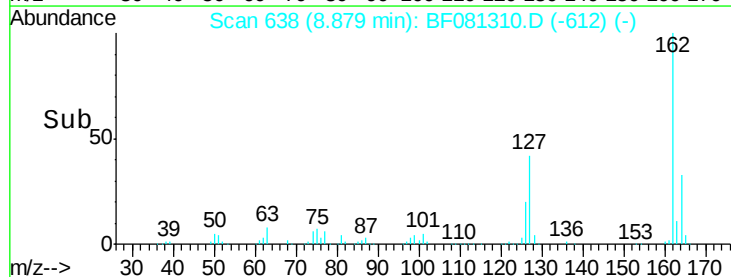
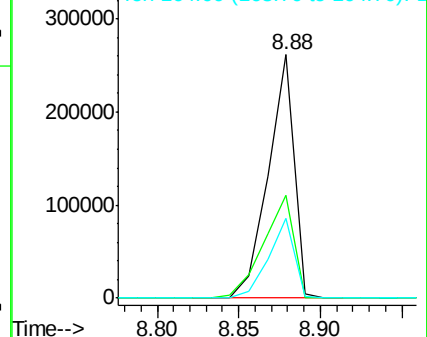
164 33.0 25.4 38.2

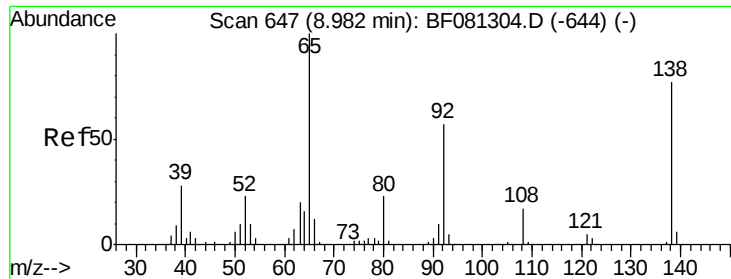


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

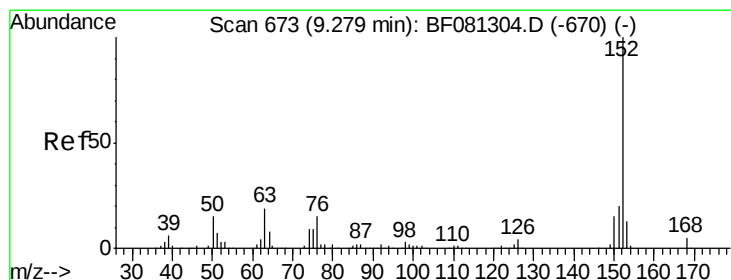
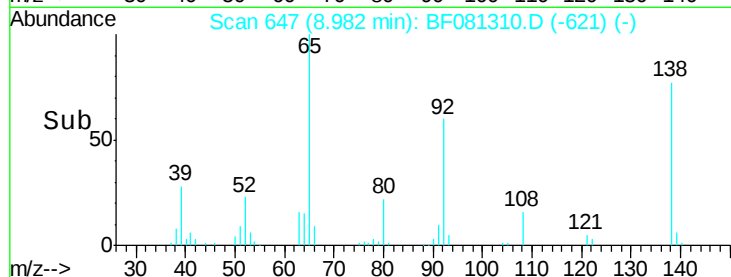
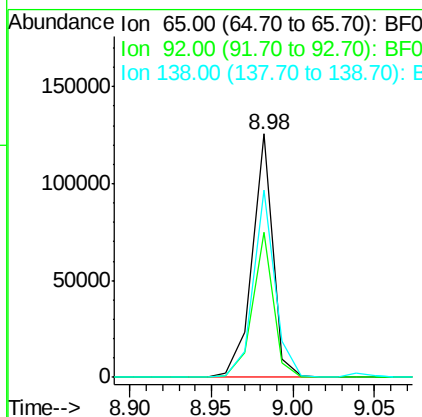
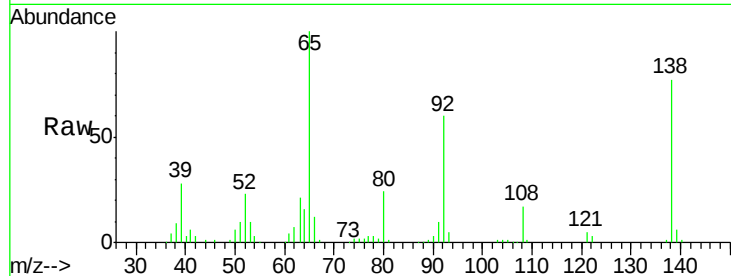




#47
2-Nitroaniline
Concen: 40.03 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

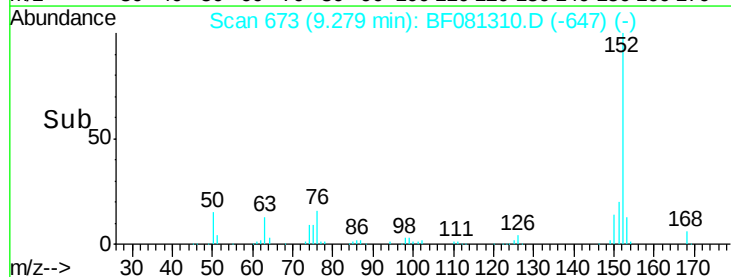
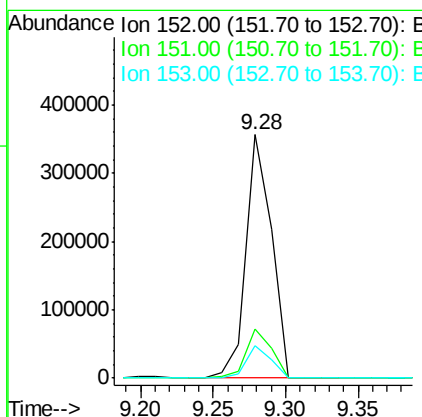
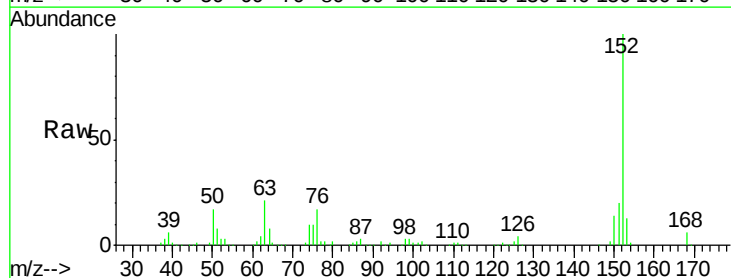
Instrument :
BNA_F
ClientSampleId :

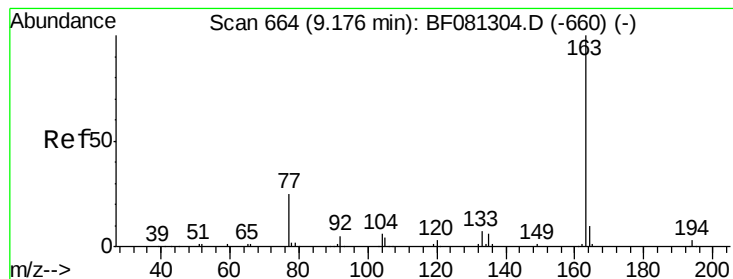
Tot Ion: 65 Resp: 110742
Ion Ratio Lower Upper
65 100
92 59.7 55.4 83.0
138 77.0 115.5 173.3#



#48
Acenaphthylene
Concen: 36.15 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion: 152 Resp: 435340
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 13.2 10.3 15.5





#49

Dimethylphthalate

Concen: 39.32 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

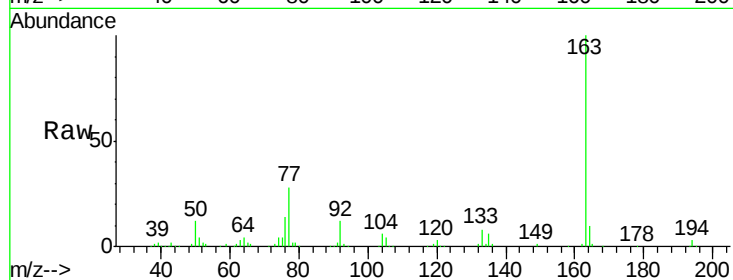
Tot Ion:163 Resp: 312148

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

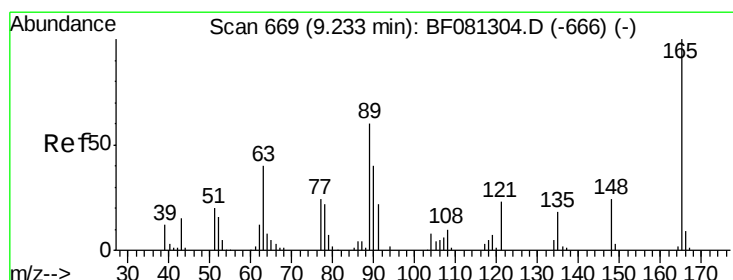
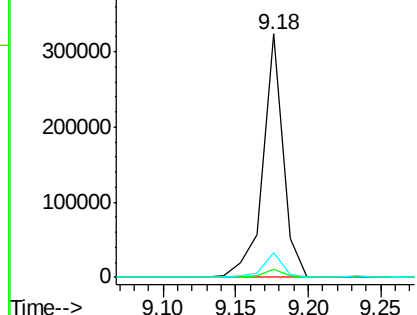
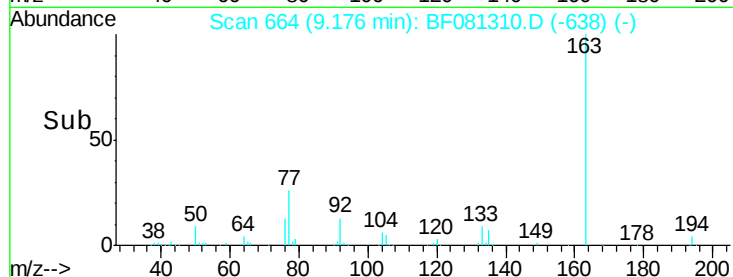
164 10.2 8.3 12.5



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: 43.26 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

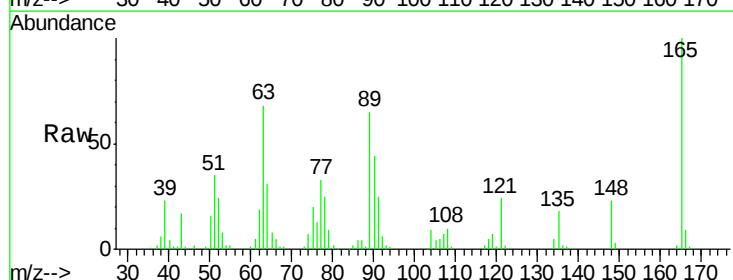
Tgt Ion:165 Resp: 77933

Ion Ratio Lower Upper

165 100

63 68.2 32.3 48.5#

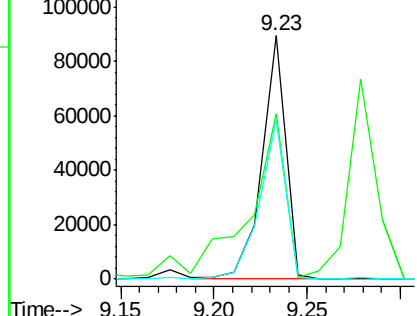
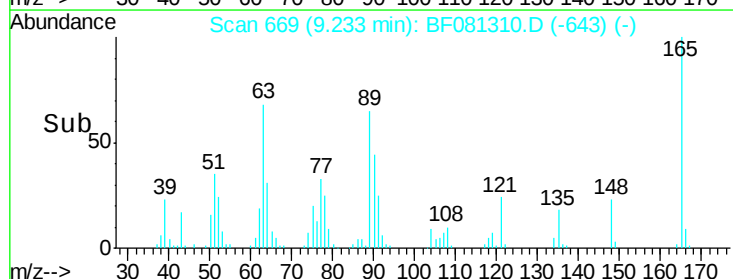
89 65.3 28.6 43.0#

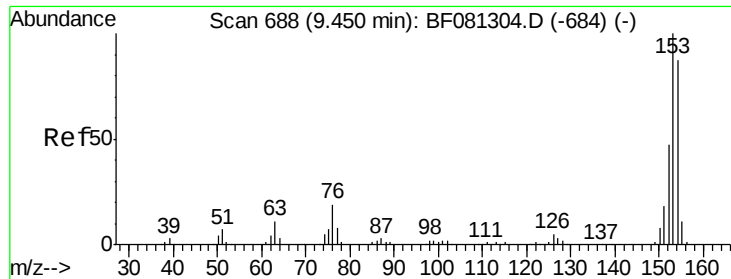


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.06 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

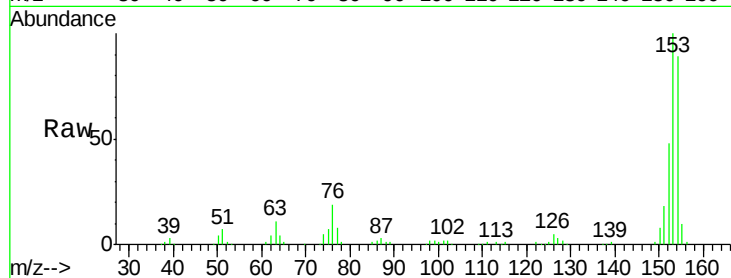
Tot Ion:154 Resp: 253895

Ion Ratio Lower Upper

154 100

153 112.1 82.1 123.1

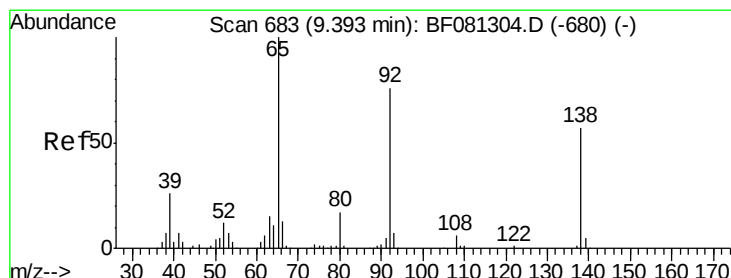
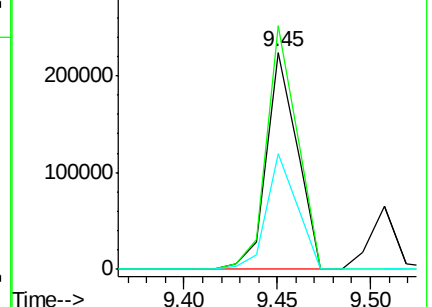
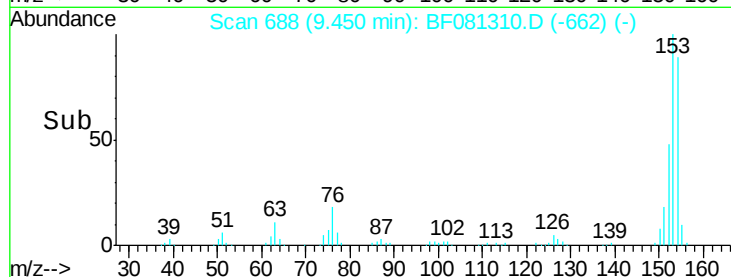
152 53.5 37.9 56.9



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: 26.90 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

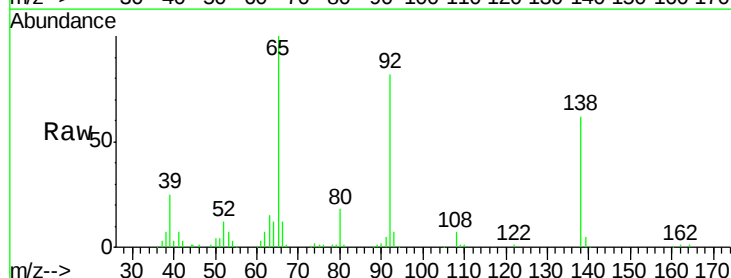
Tgt Ion:138 Resp: 55169

Ion Ratio Lower Upper

138 100

108 11.3 5.7 8.5#

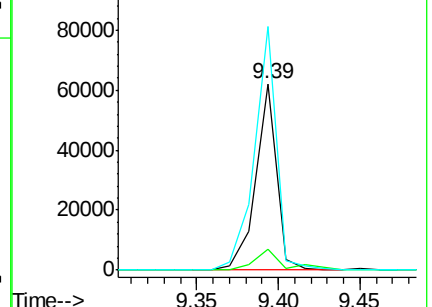
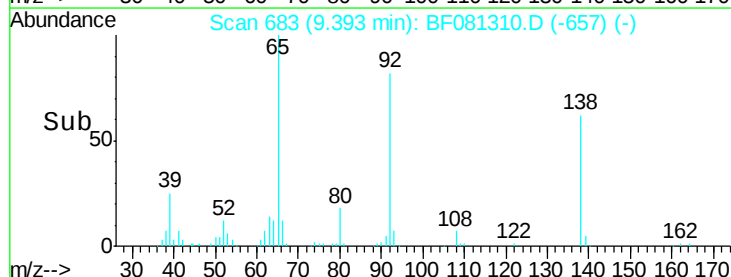
92 130.9 67.7 101.5#

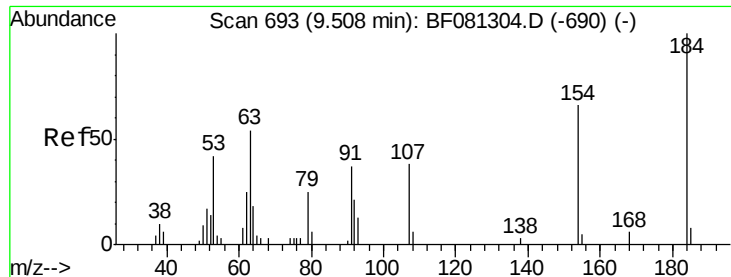


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

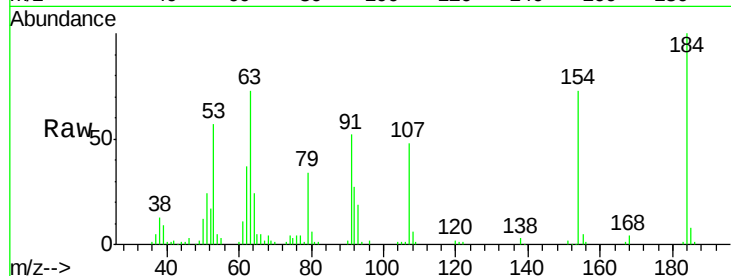




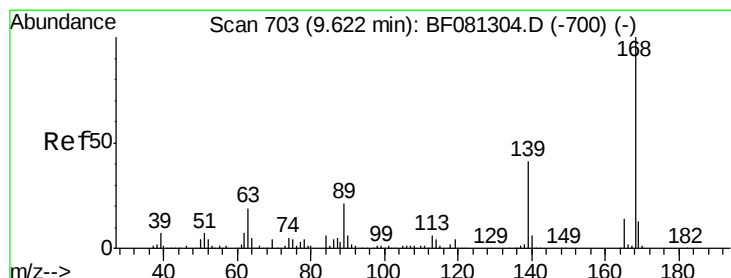
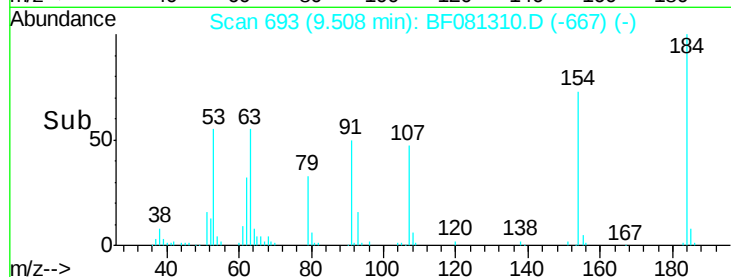
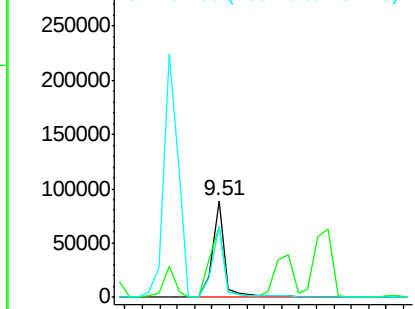
#53
 2,4-Dinitrophenol
 Concen: 118.79 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 90140
 Ion Ratio Lower Upper
 184 100
 63 72.8 35.4 53.2#
 154 73.4 32.2 48.4#

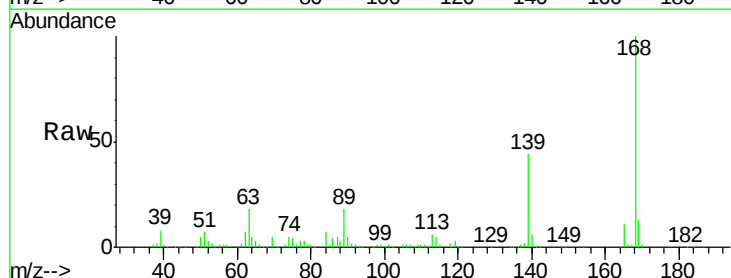


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

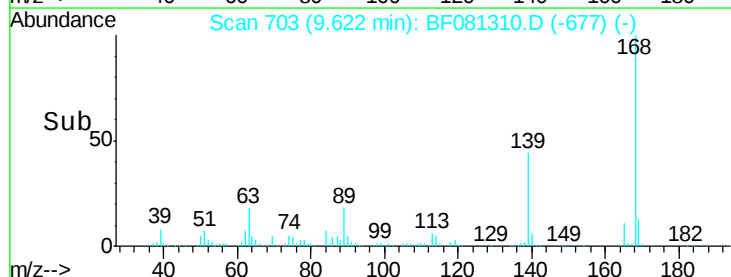
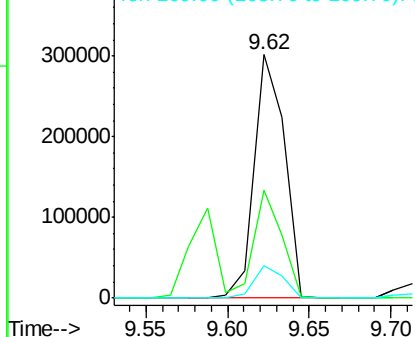


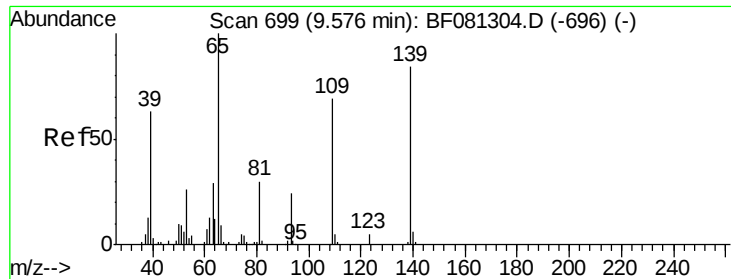
#54
 Dibenzofuran
 Concen: 38.81 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion:168 Resp: 388177
 Ion Ratio Lower Upper
 168 100
 139 44.3 24.2 36.2#
 169 13.4 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: 99.70 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

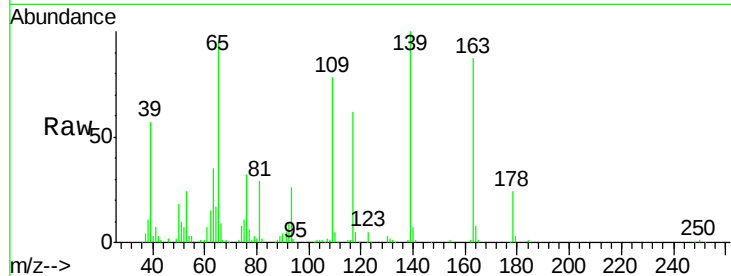
Tot Ion:139 Resp: 128467

Ion Ratio Lower Upper

139 100

109 78.0 12.7 52.7#

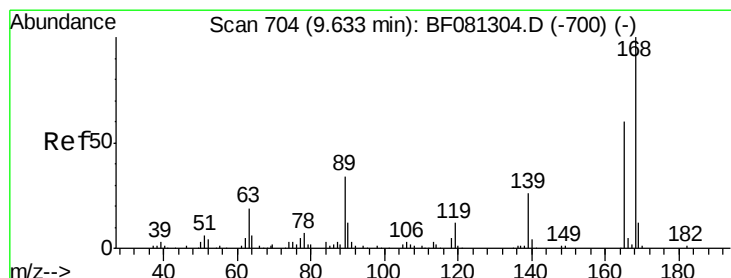
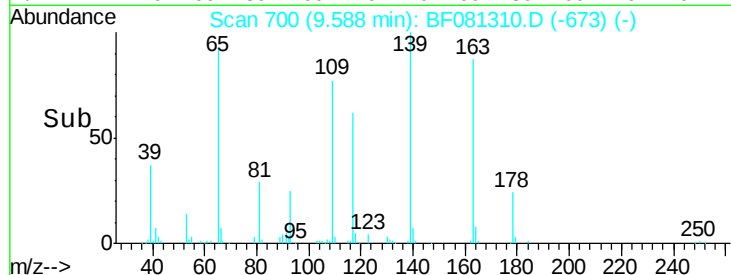
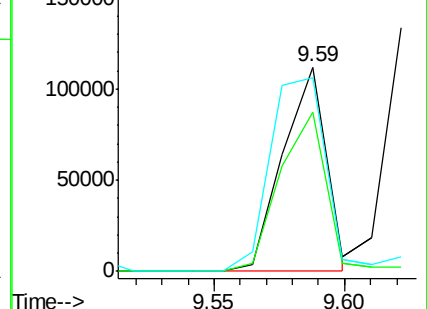
65 94.6 45.9 85.9#



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: 45.52 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Tgt Ion:165 Resp: 104429

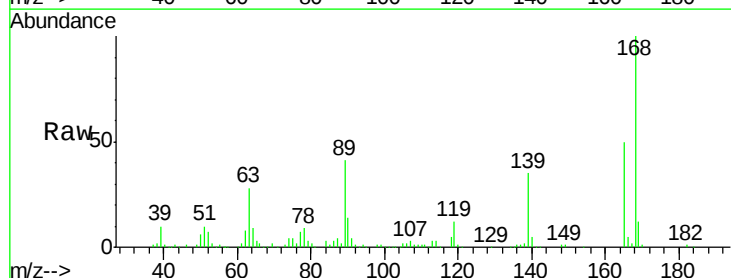
Ion Ratio Lower Upper

165 100

63 55.6 29.8 44.6#

89 82.5 44.5 66.7#

182 2.1 3.0 4.4#

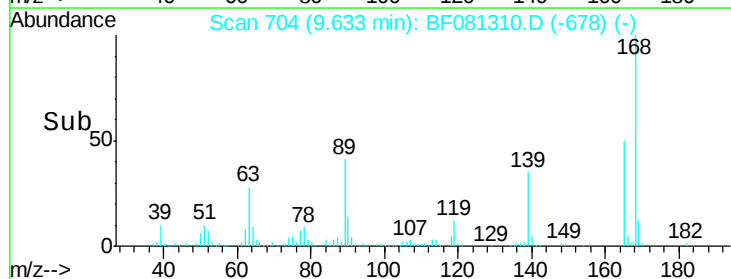
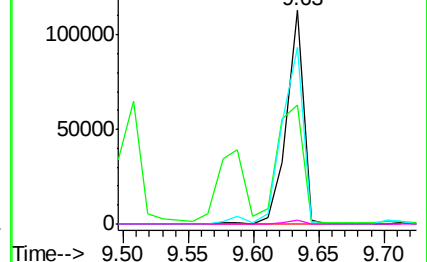


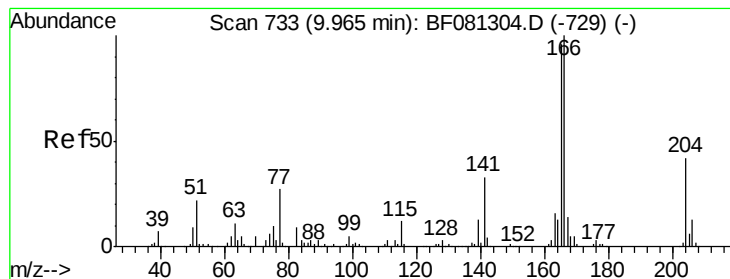
Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.30 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampled :

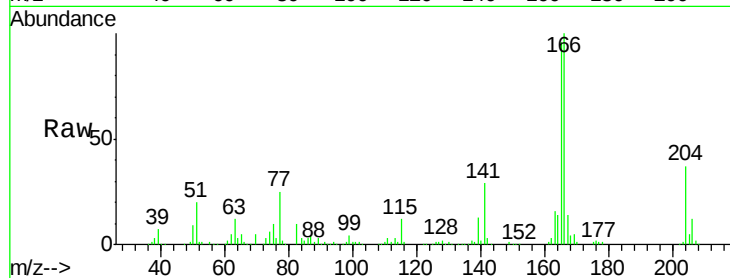
Tot Ion:166 Resp: 336318

Ion Ratio Lower Upper

166 100

165 95.5 72.6 109.0

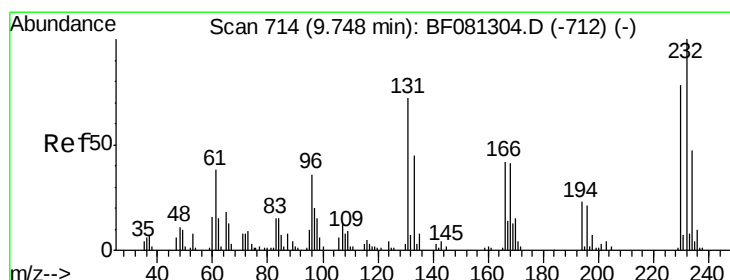
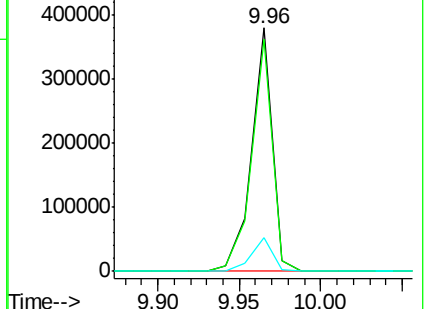
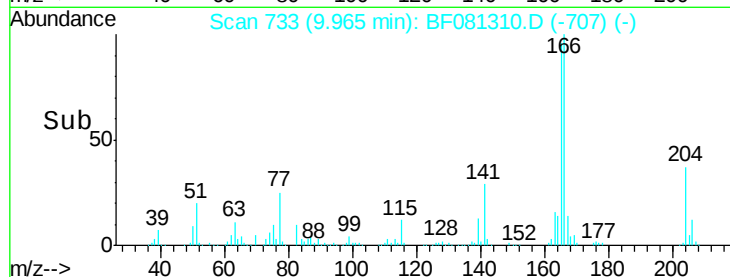
167 13.8 10.6 16.0



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: 42.53 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Tgt Ion:232 Resp: 73861

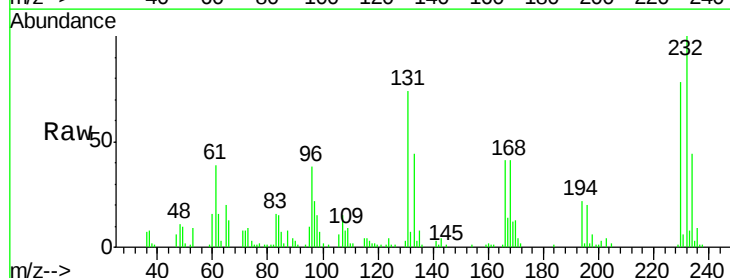
Ion Ratio Lower Upper

232 100

131 54.1 38.5 57.7

130 2.5 1.8 2.6

166 32.6 25.0 37.6

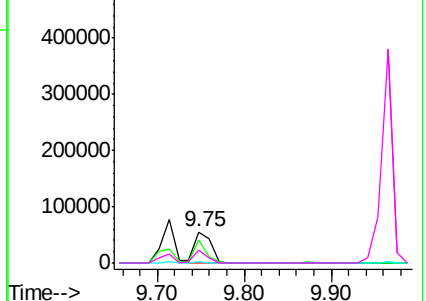
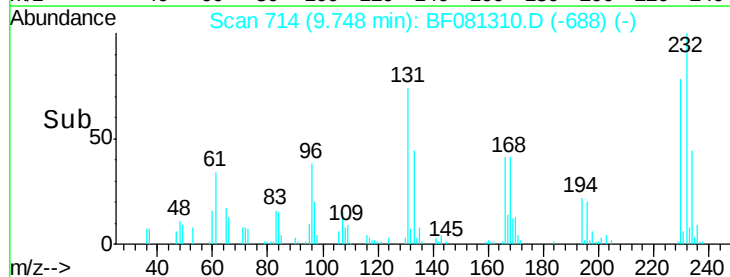


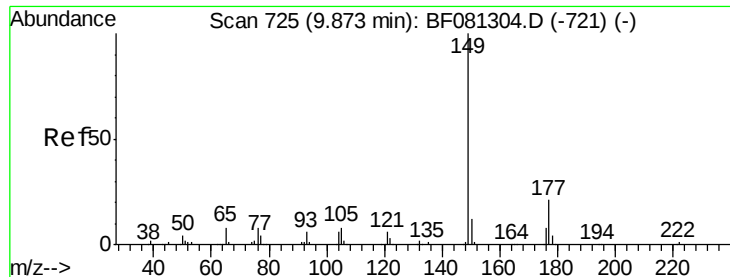
Abundance Ion 232.00 (231.70 to 232.70): E

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

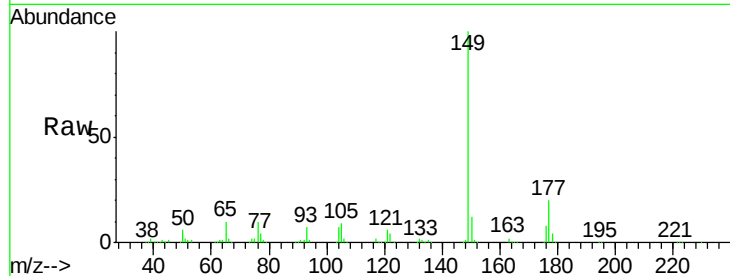




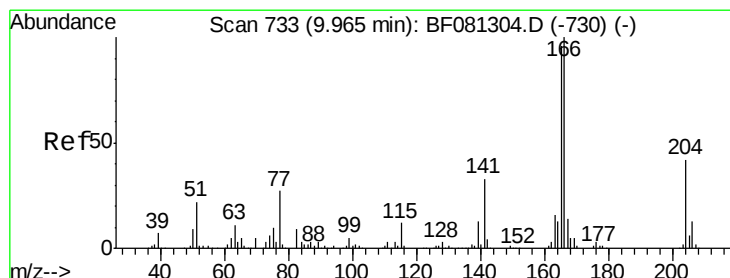
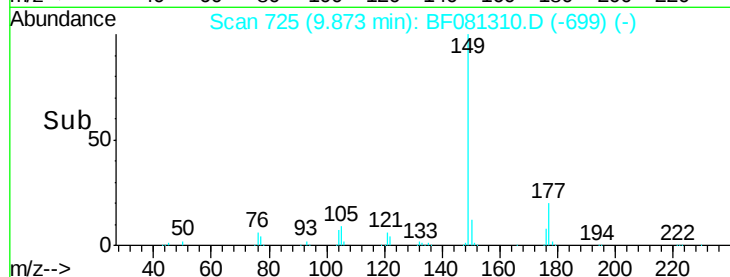
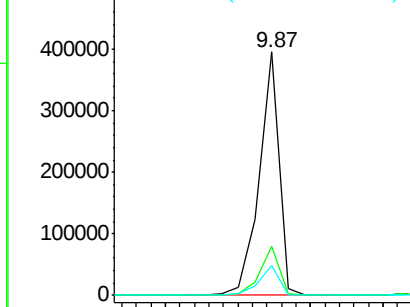
#59
Diethylphthalate
Concen: 44.87 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 374642
Ion Ratio Lower Upper
149 100
177 20.2 17.5 26.3
150 12.5 9.4 14.2

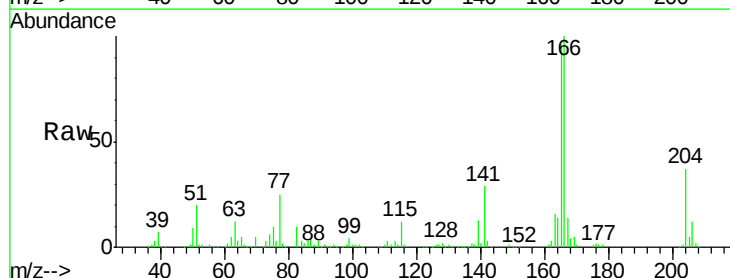


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

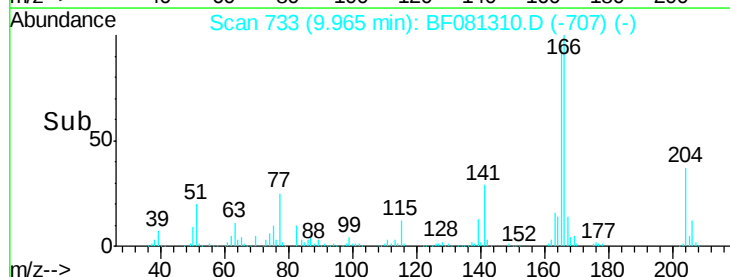
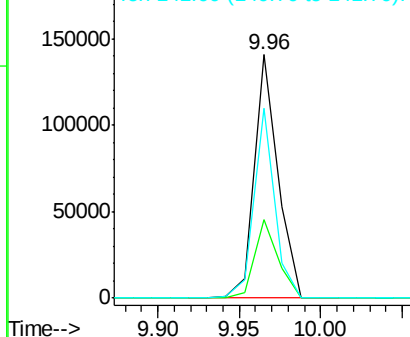


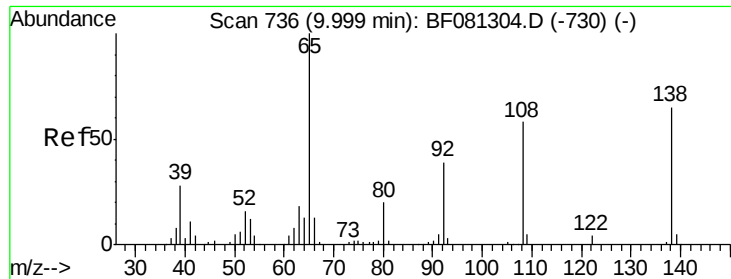
#60
4-Chlorophenyl-phenylether
Concen: 39.98 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion:204 Resp: 141440
Ion Ratio Lower Upper
204 100
206 32.2 24.8 37.2
141 78.2 42.2 63.4#



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

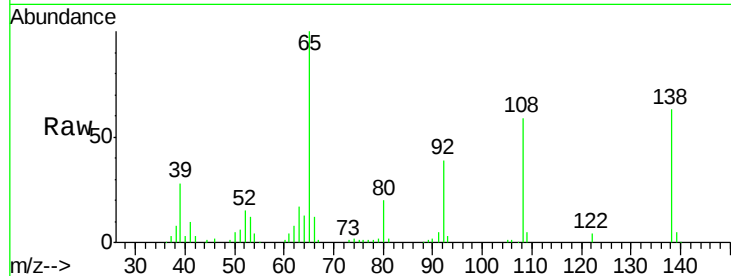




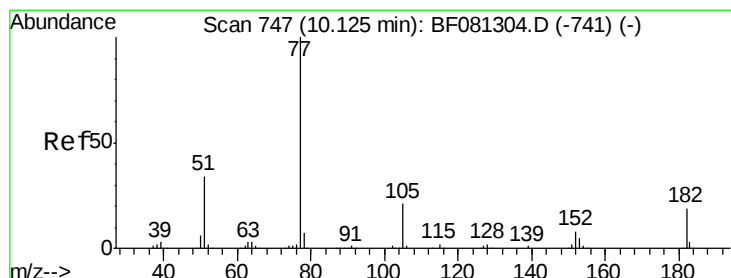
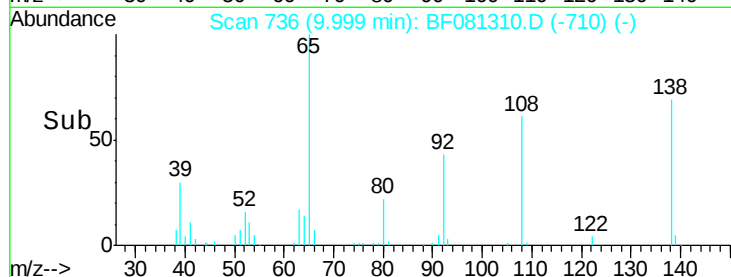
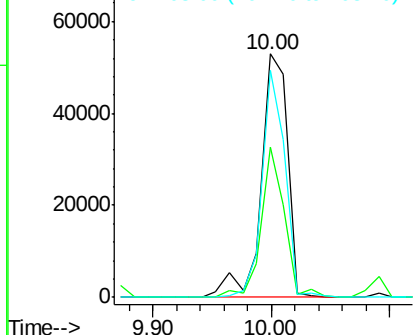
#61
4-Nitroaniline
Concen: 39.94 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 82758
Ion Ratio Lower Upper
138 100
92 61.6 12.6 52.6#
108 93.1 12.4 52.4#

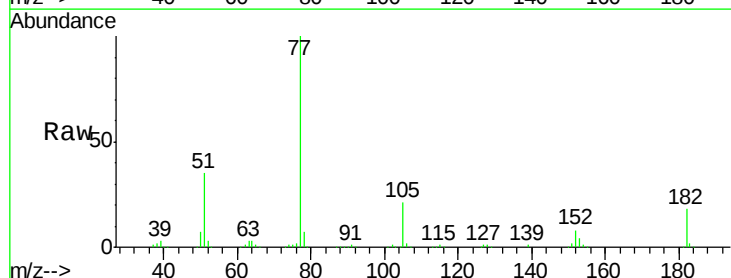


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

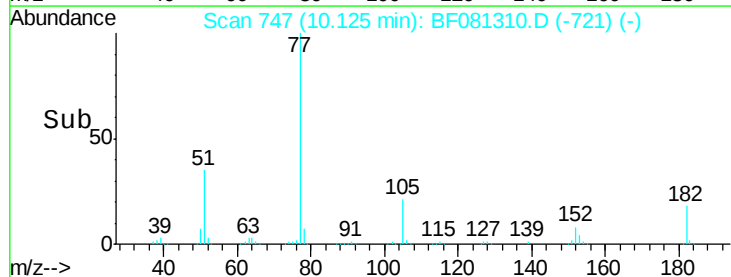
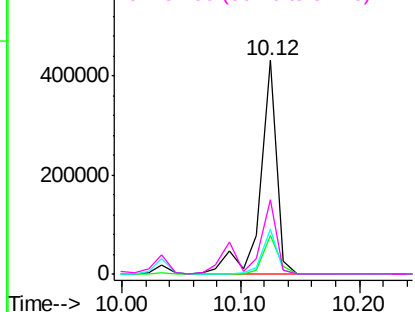


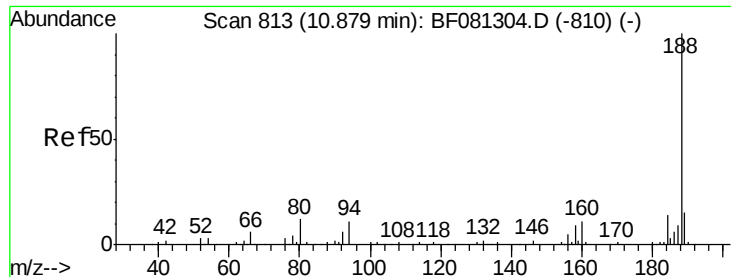
#62
Azobenzene
Concen: 44.64 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion: 77 Resp: 414364
Ion Ratio Lower Upper
77 100
182 18.0 15.1 55.1
105 20.8 3.4 43.4
51 34.7 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

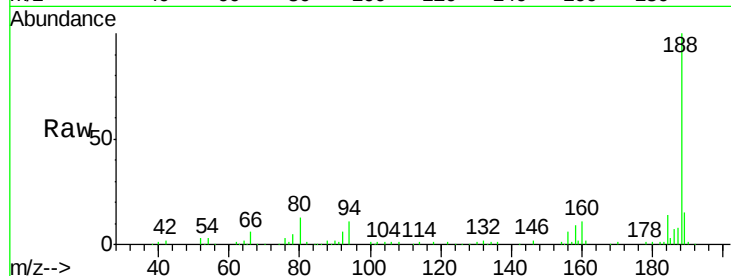




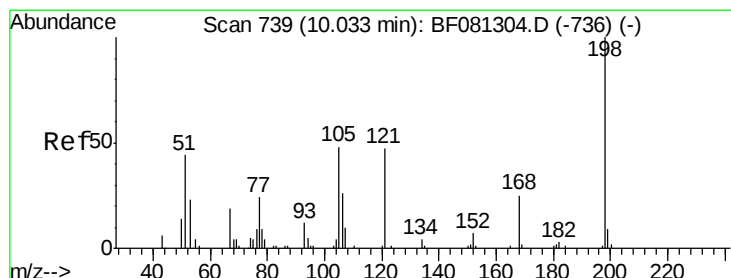
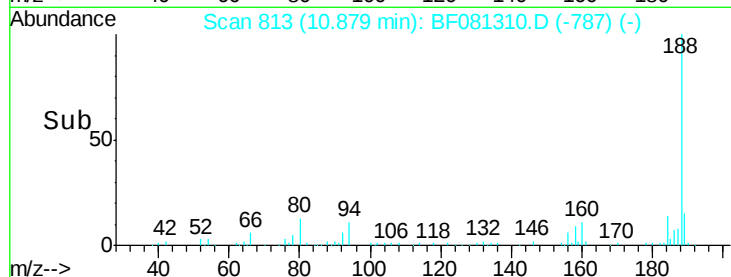
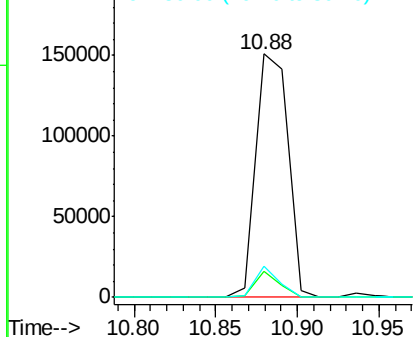
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 208435
Ion Ratio Lower Upper
188 100
94 10.5 11.1 16.7#
80 12.7 11.0 16.4

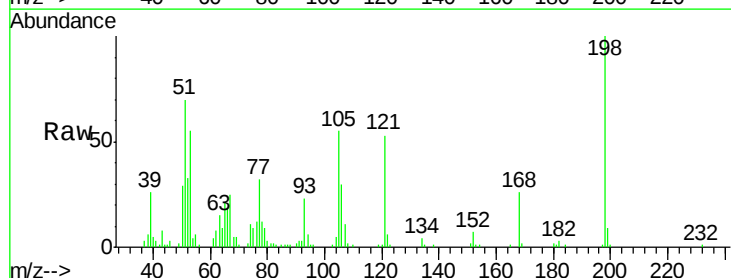


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

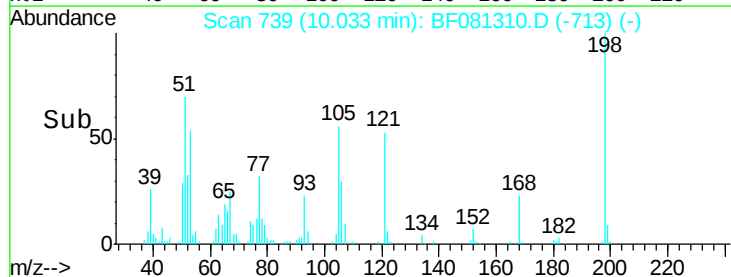
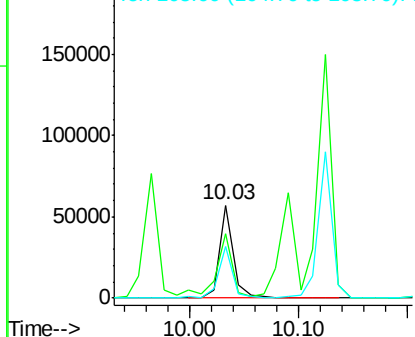


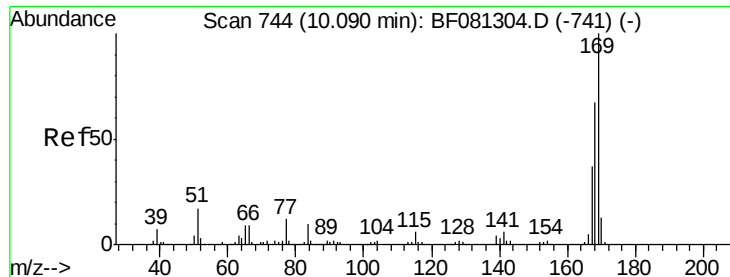
#64
4,6-Dinitro-2-methylphenol
Concen: 43.59 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion:198 Resp: 50820
Ion Ratio Lower Upper
198 100
51 69.7 39.6 79.6
105 55.5 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: 37.87 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

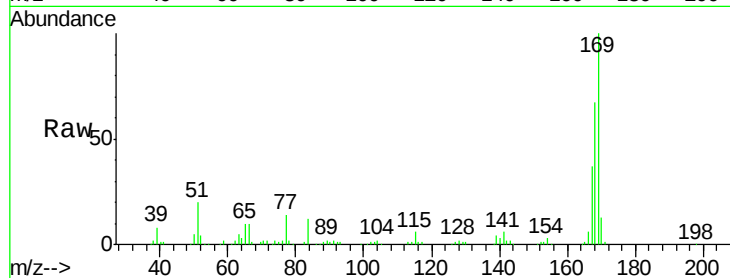
Tot Ion:169 Resp: 287215

Ion Ratio Lower Upper

169 100

168 67.2 48.9 73.3

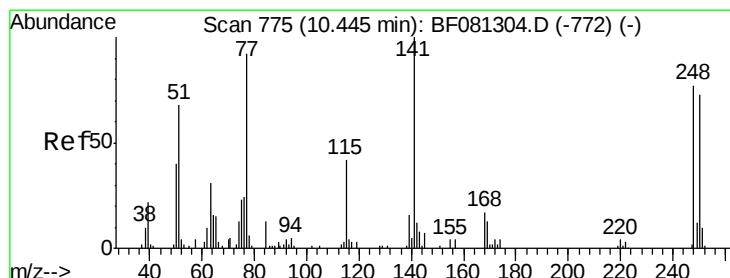
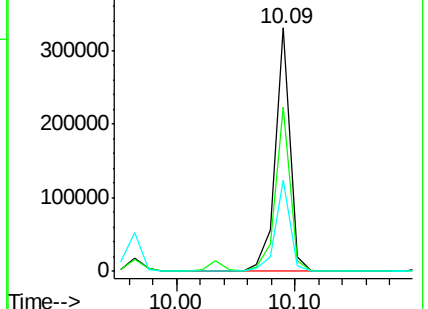
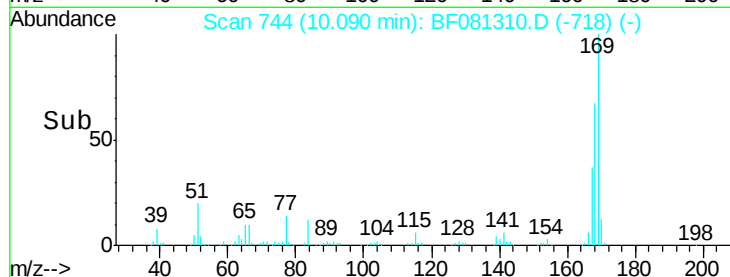
167 37.3 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.62 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

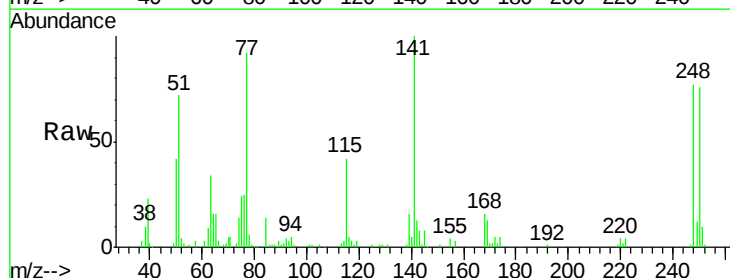
Tgt Ion:248 Resp: 81385

Ion Ratio Lower Upper

248 100

250 99.1 78.5 117.7

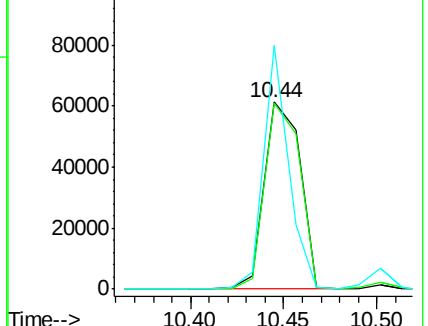
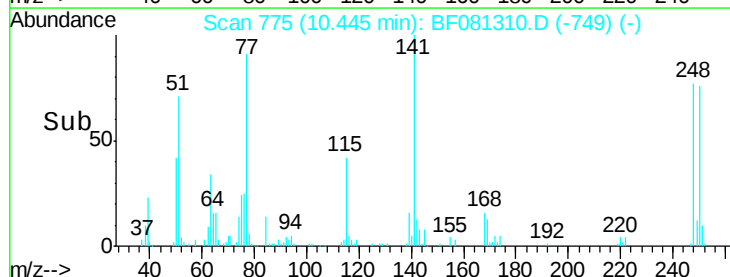
141 130.0 59.0 88.6#

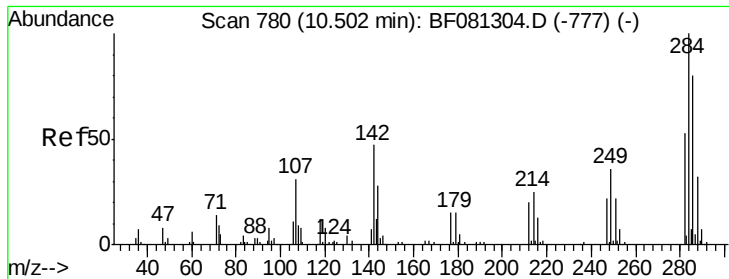


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.96 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

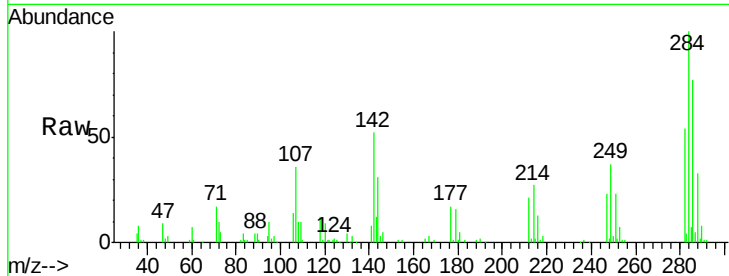
Tot Ion:284 Resp: 81437

Ion Ratio Lower Upper

284 100

142 52.5 29.5 44.3#

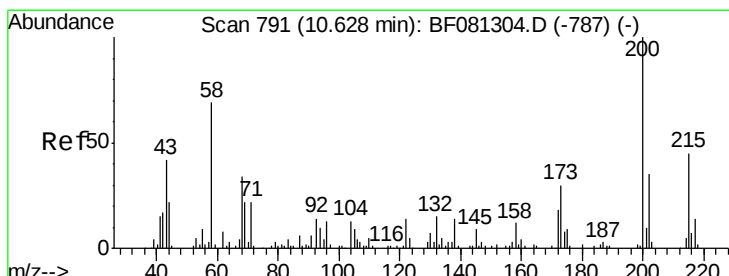
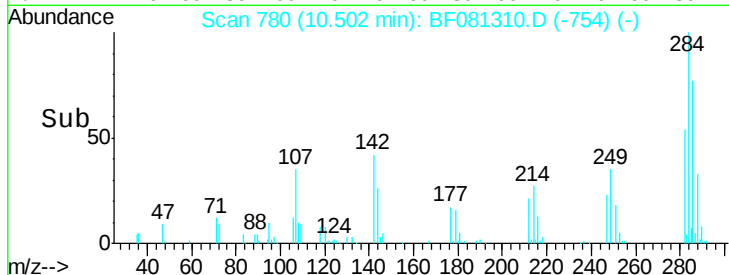
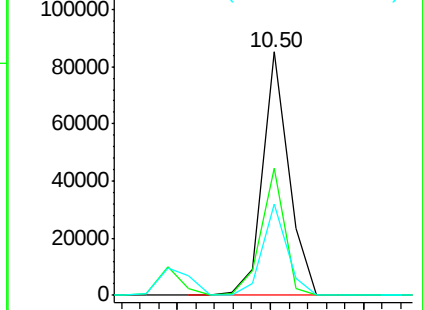
249 37.5 19.5 29.3#



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: 37.89 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

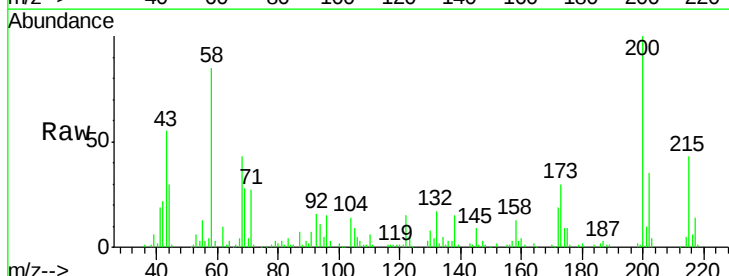
Tgt Ion:200 Resp: 83168

Ion Ratio Lower Upper

200 100

173 30.2 13.2 53.2

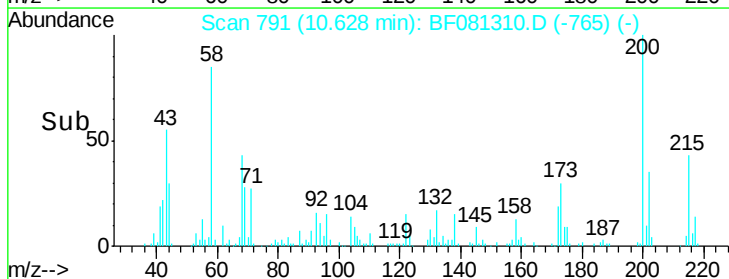
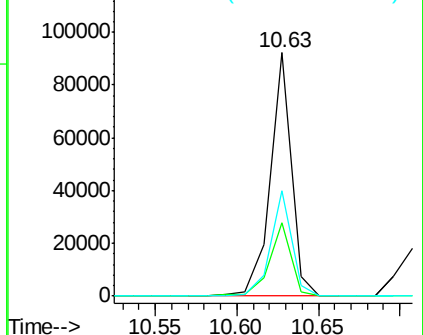
215 43.2 41.8 81.8

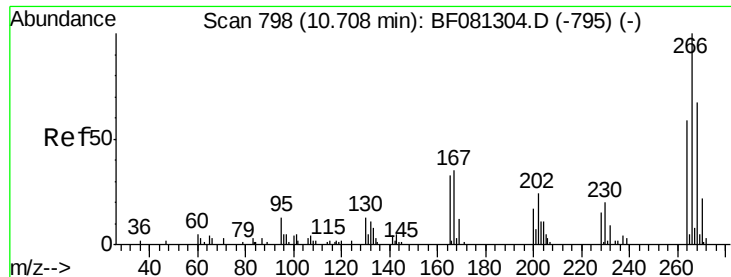


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

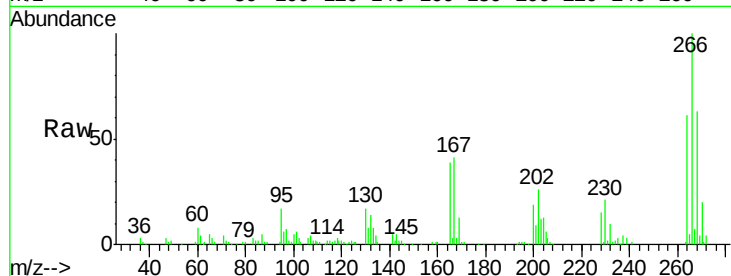




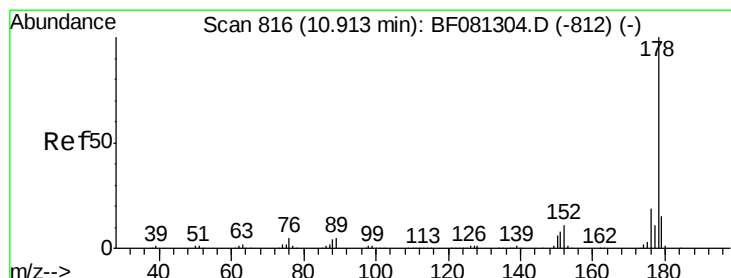
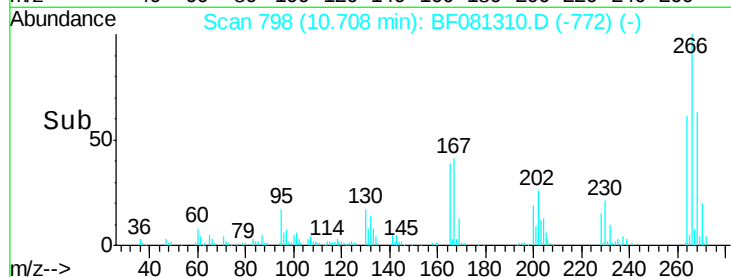
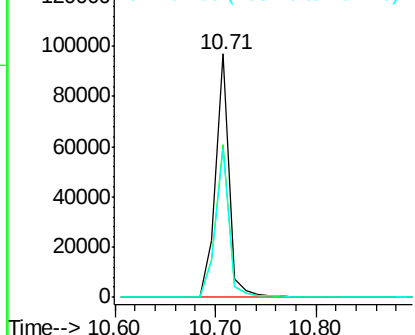
#69
 Pentachlorophenol
 Concen: 84.56 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 91316
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.8 74.6
 264 61.4 50.2 75.2

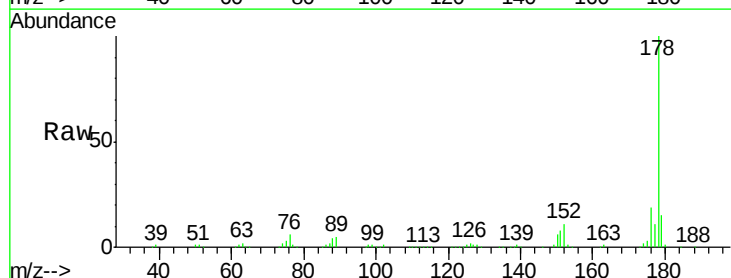


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

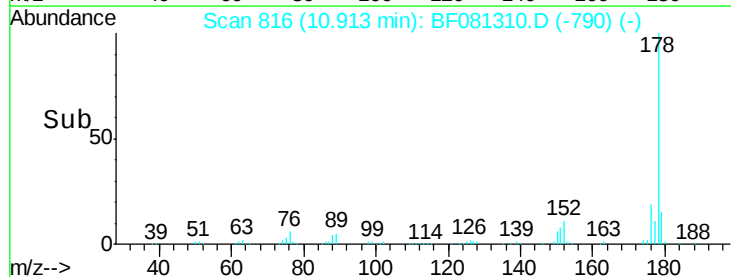
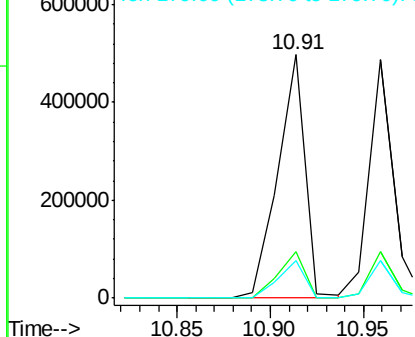


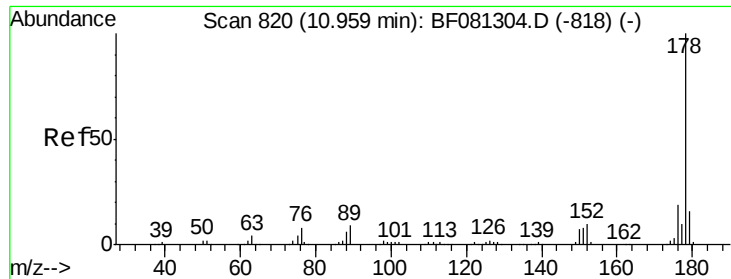
#70
 Phenanthrene
 Concen: 43.46 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion:178 Resp: 503616
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 15.3 12.2 18.2



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

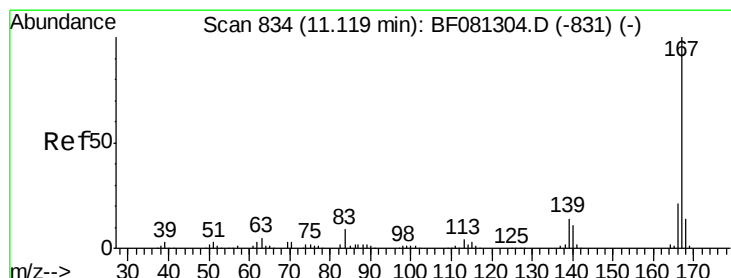
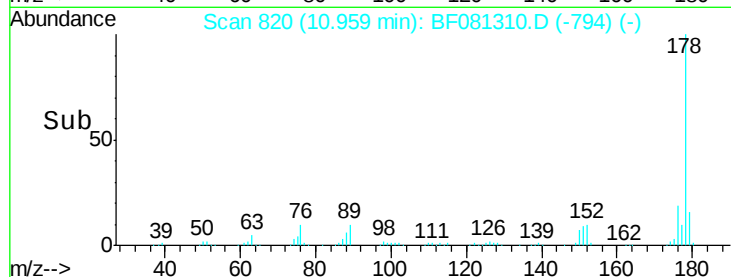
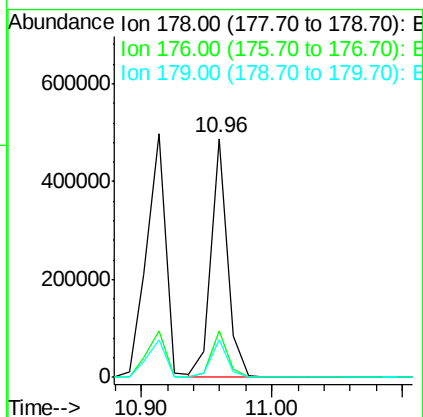
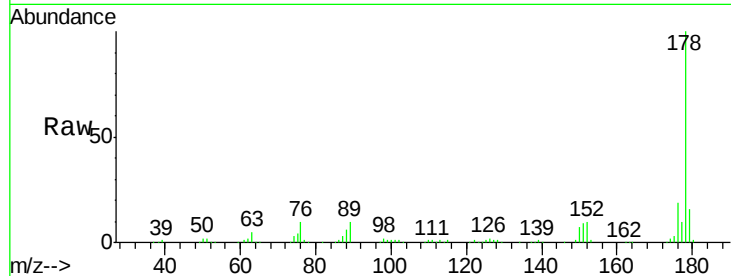




#71
 Anthracene
 Concen: 36.51 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

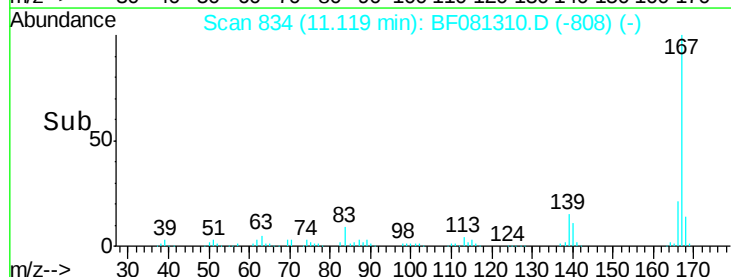
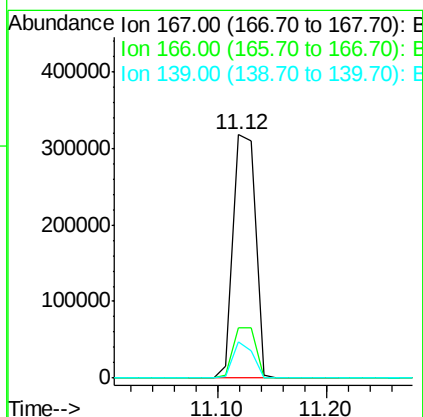
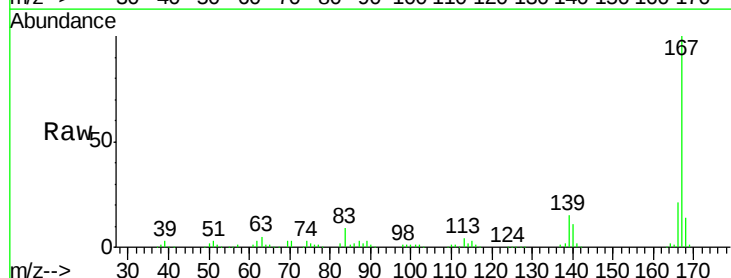
Instrument :
 BNA_F
 ClientSampleId :

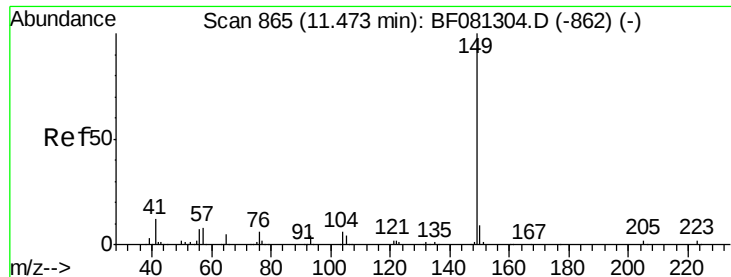
Tot Ion:178 Resp: 434603
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.6 12.2 18.2



#72
 Carbazole
 Concen: 39.90 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion:167 Resp: 445762
 Ion Ratio Lower Upper
 167 100
 166 20.9 15.7 23.5
 139 15.0 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 38.66 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampled :

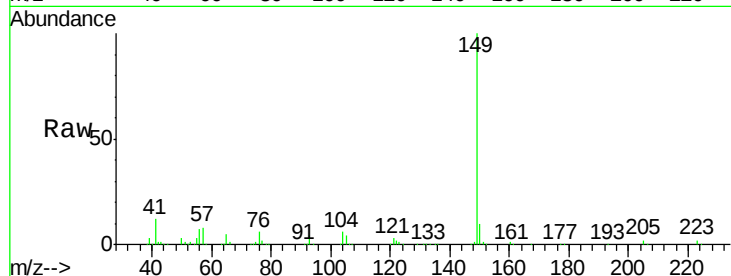
Tot Ion:149 Resp: 509969

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

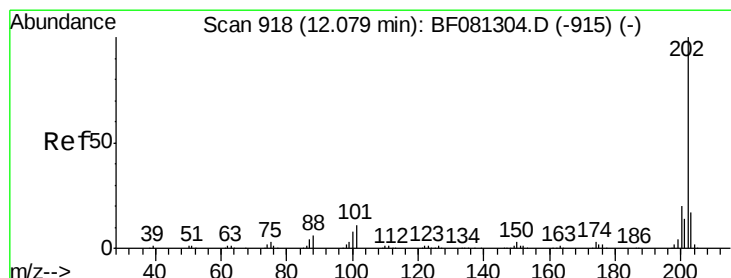
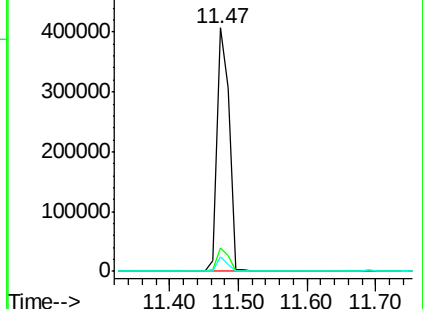
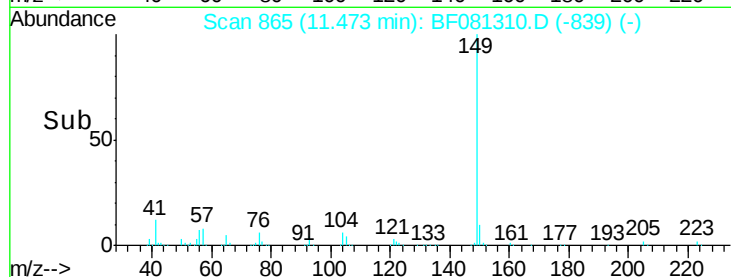
104 5.9 2.4 3.6#



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: 37.96 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

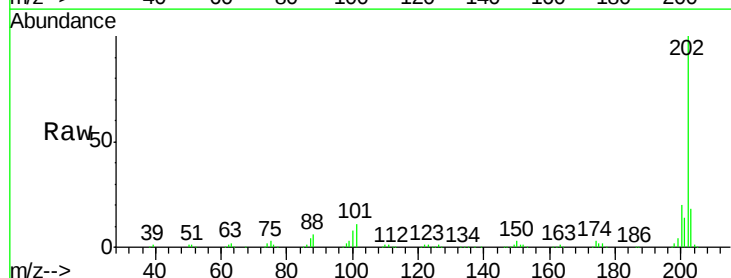
Tgt Ion:202 Resp: 476158

Ion Ratio Lower Upper

202 100

101 11.3 0.0 38.3

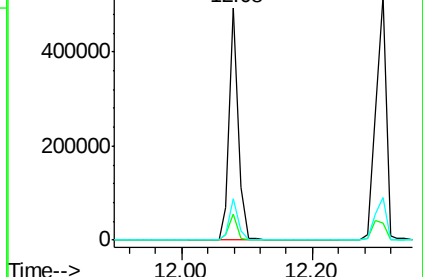
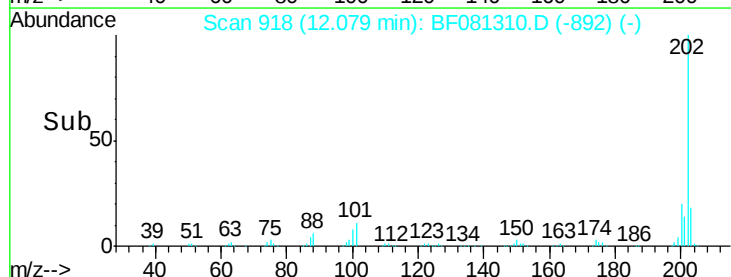
203 17.7 0.0 37.3

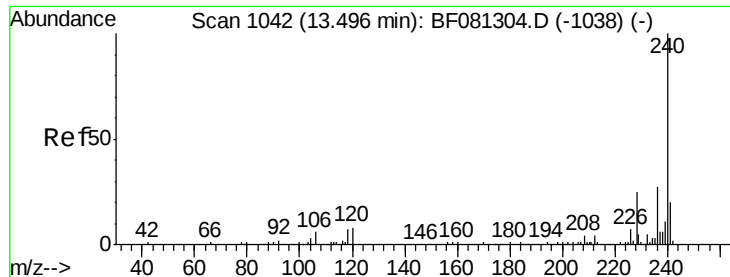


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

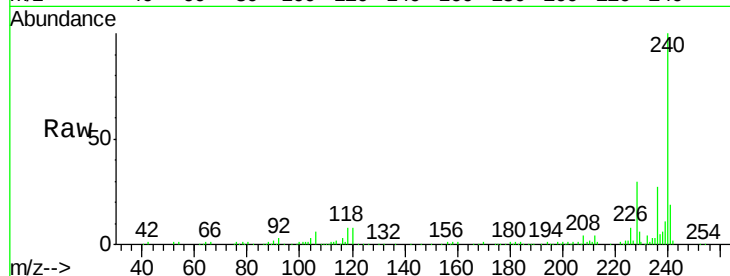




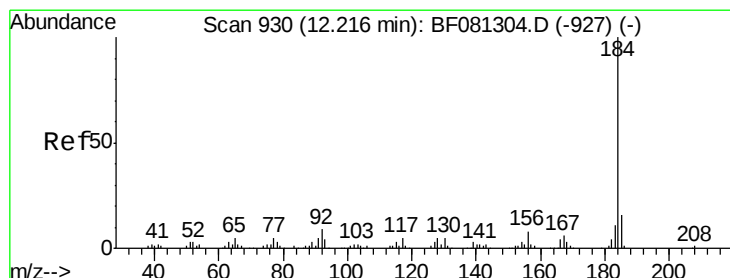
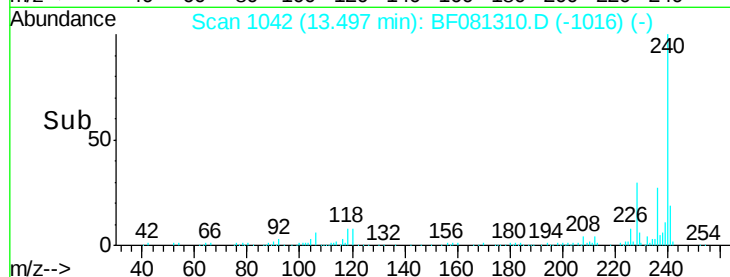
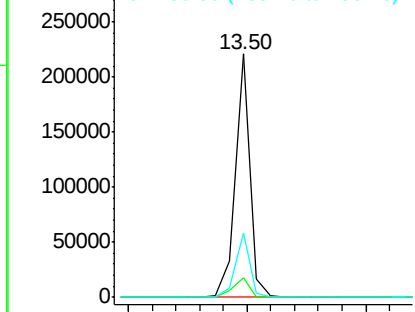
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 188156
Ion Ratio Lower Upper
240 100
120 8.1 16.2 24.2#
236 26.6 18.4 27.6

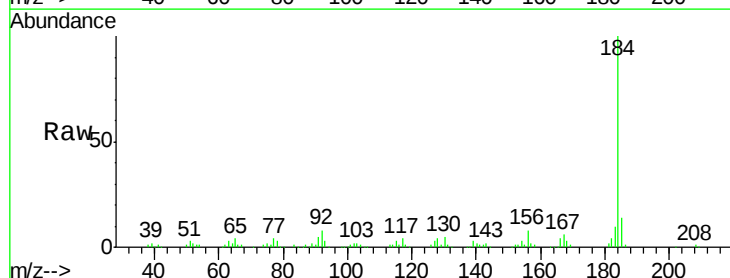


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

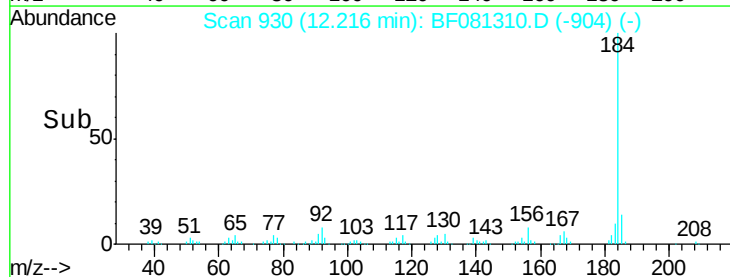
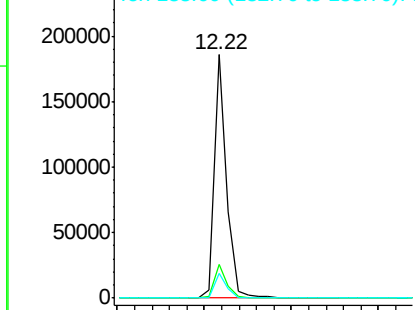


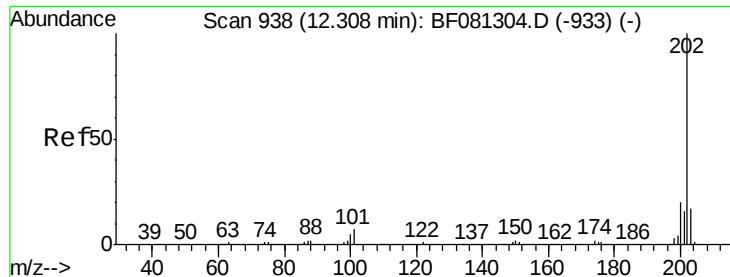
#76
Benzidine
Concen: 22.95 ng
RT: 12.22 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion:184 Resp: 185407
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 10.4 7.6 11.4



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

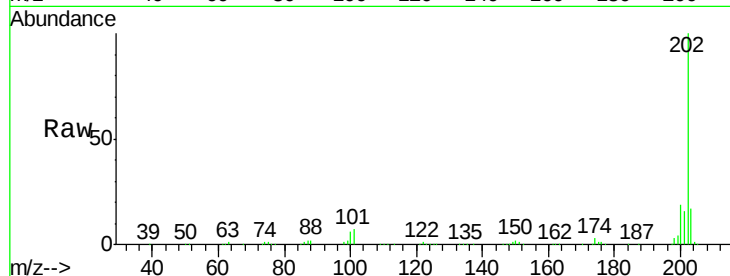




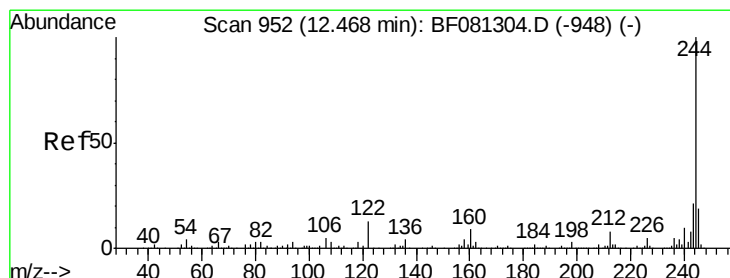
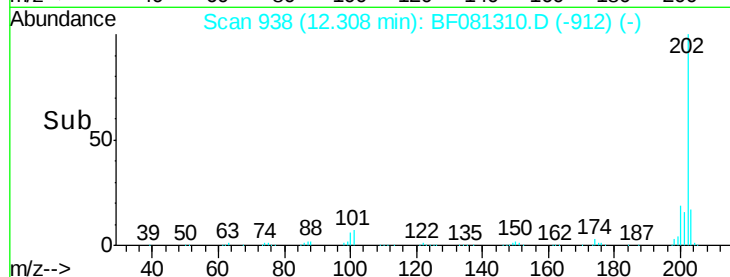
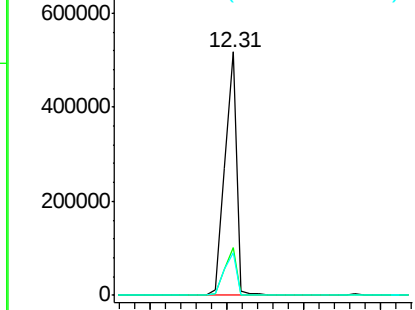
#77
Pvrene
Concen: 40.51 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 564590
Ion Ratio Lower Upper
202 100
200 19.5 15.0 22.4
203 17.3 14.1 21.1

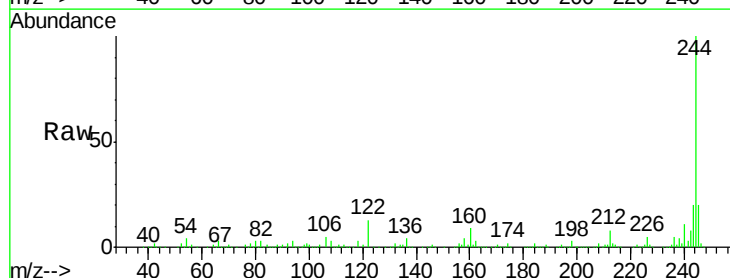


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

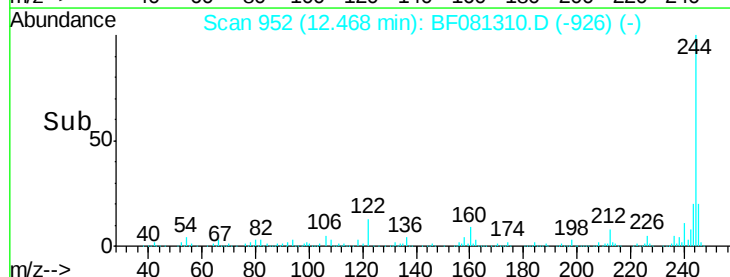
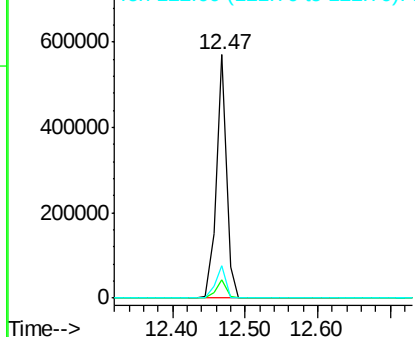


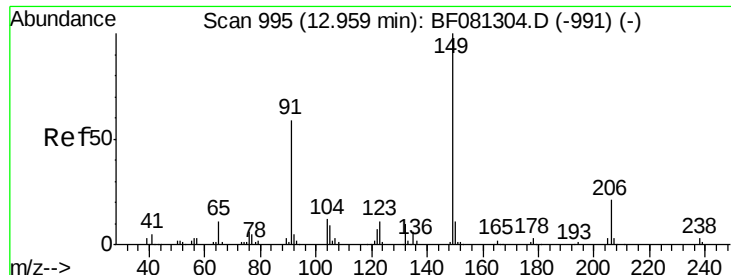
#78
Terphenyl-d14
Concen: 68.19 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion:244 Resp: 551140
Ion Ratio Lower Upper
244 100
212 7.8 4.3 6.5#
122 13.5 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

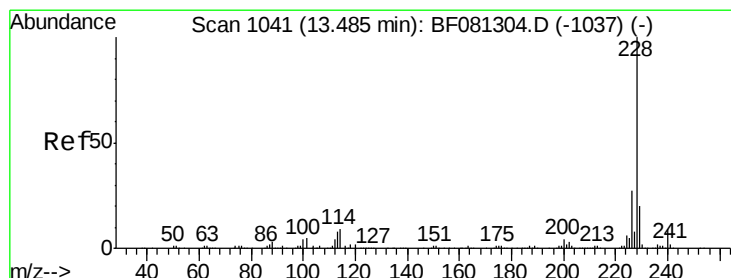
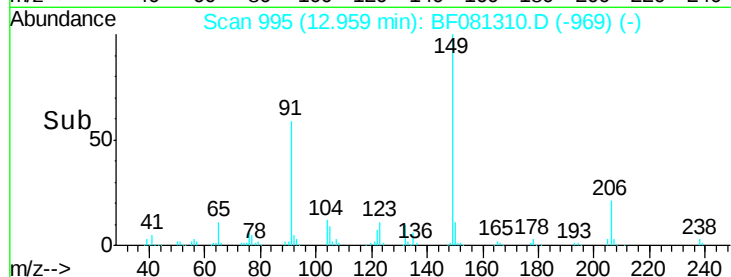
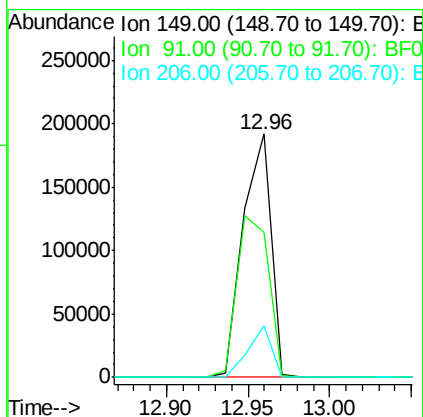
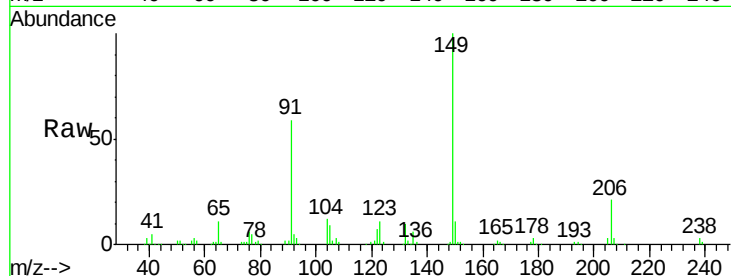




#79
Butylbenzylphthalate
Concen: 37.57 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

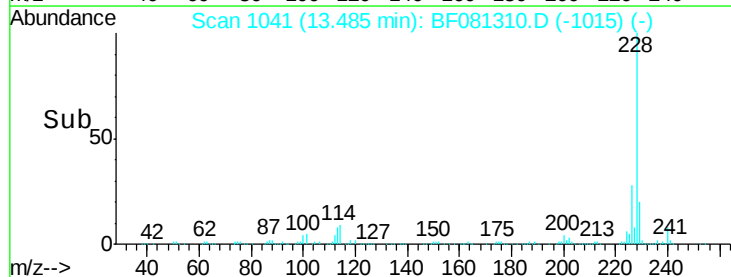
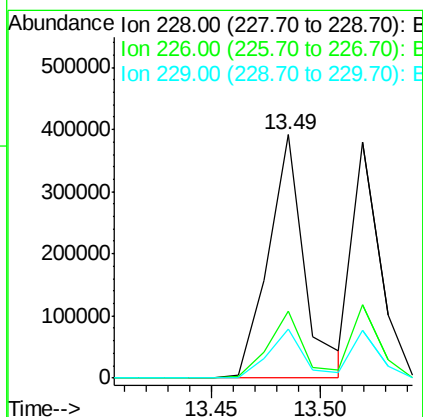
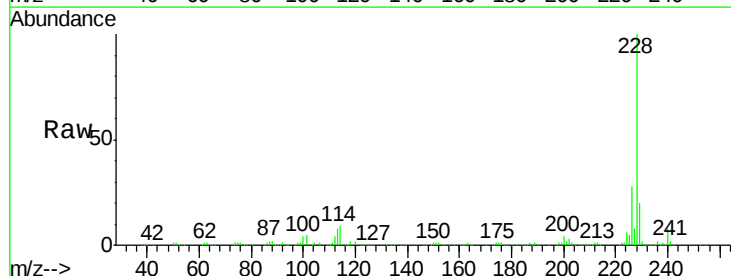
Instrument :
BNA_F
ClientSampleId :

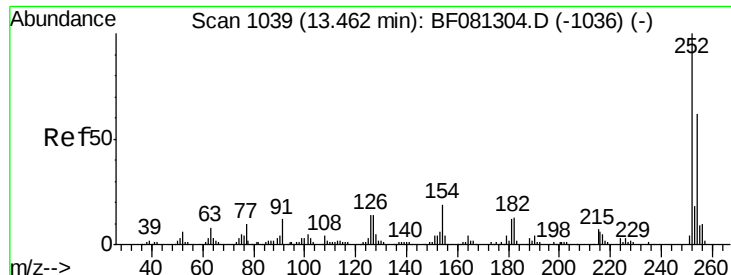
Tot Ion	Ratio	Lower	Upper
149	100		
91	59.4	48.6	72.8
206	21.0	14.9	22.3



#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081310.D
Acq: 1 Sep 2015 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.0	30.0
229	20.2	15.4	23.2

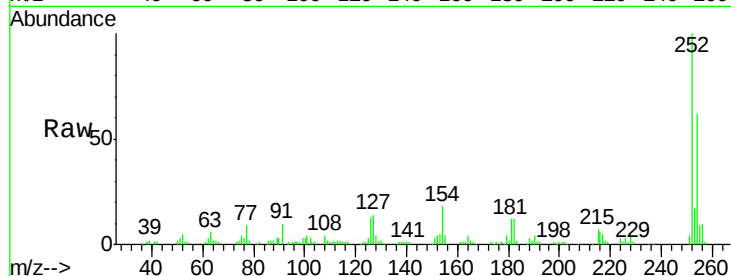




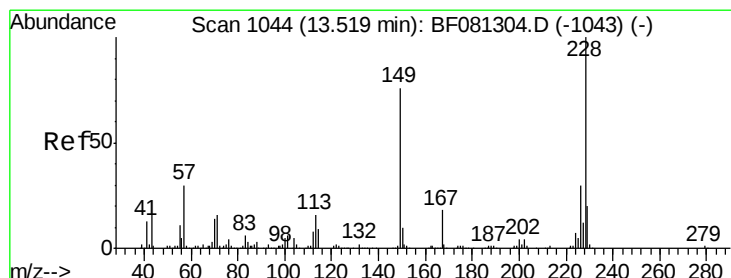
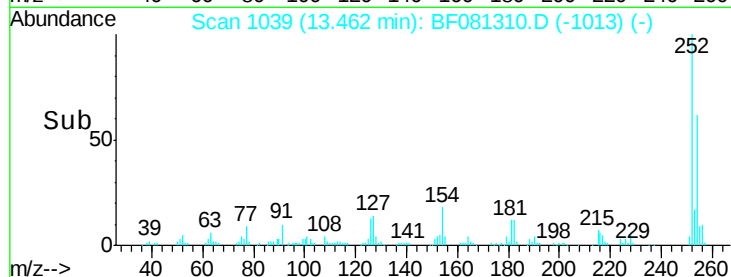
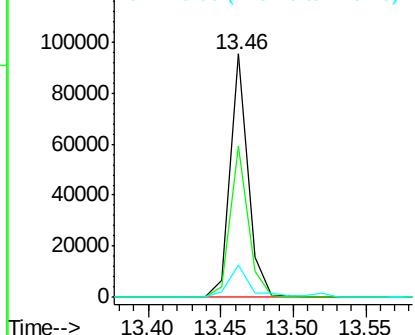
#81
 3,3'-Dichlorobenzidine
 Concen: 20.24 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 81800
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.4 77.2
 126 13.3 16.4 24.6#

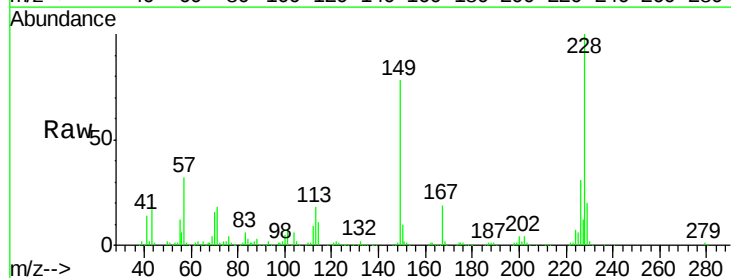


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

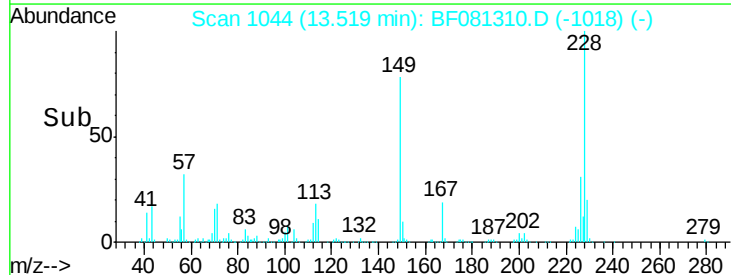
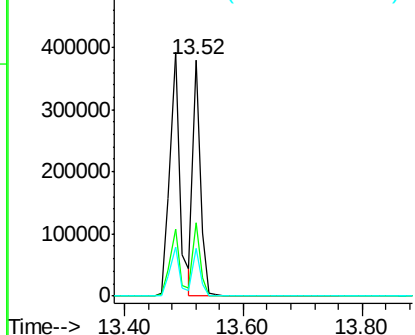


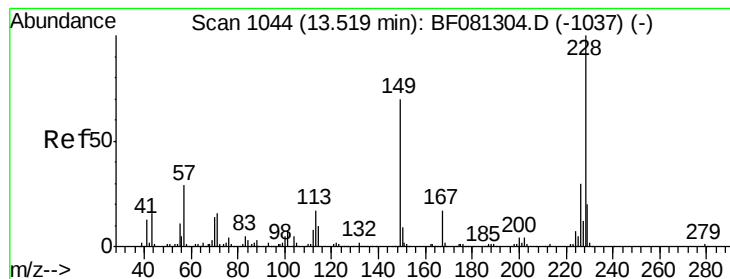
#82
 Chrysene
 Concen: 31.90 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion:228 Resp: 342641
 Ion Ratio Lower Upper
 228 100
 226 31.0 21.0 31.4
 229 20.0 15.6 23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.99 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

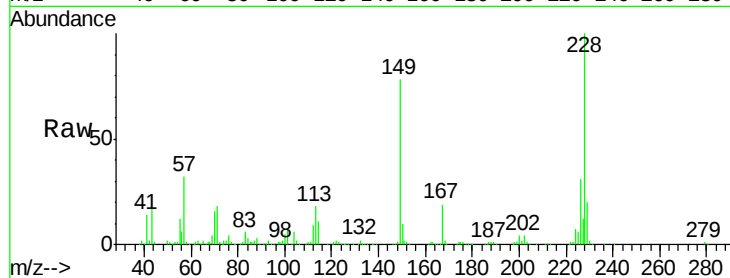
Tot Ion:149 Resp: 287909

Ion Ratio Lower Upper

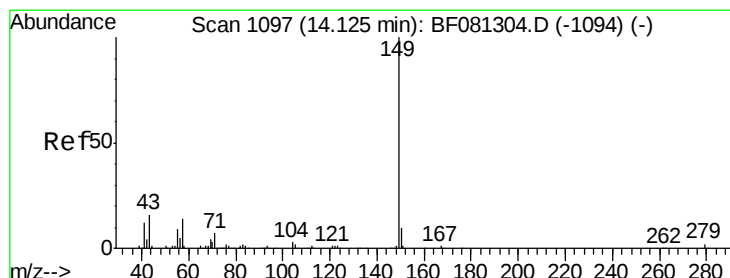
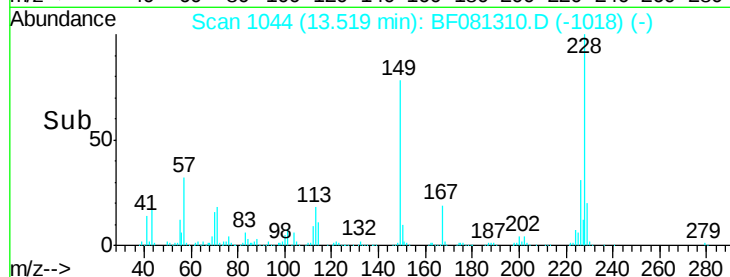
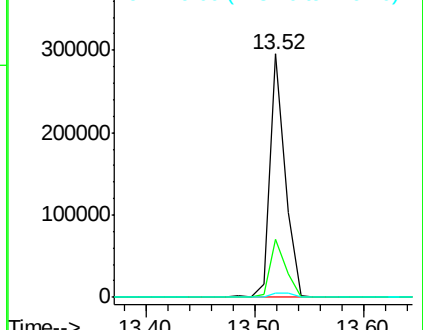
149 100

167 24.1 24.2 36.2#

279 1.6 3.8 5.6#



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



#84

Di-n-octyl phthalate

Concen: 37.49 ng

RT: 14.13 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

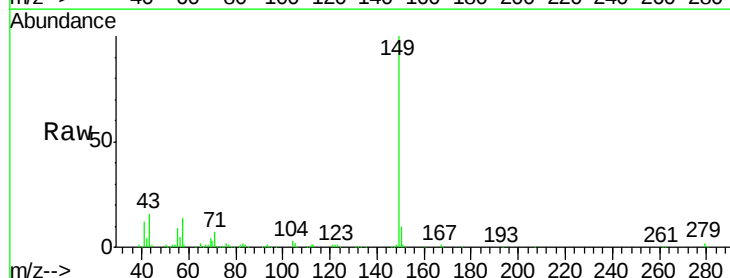
Tgt Ion:149 Resp: 493813

Ion Ratio Lower Upper

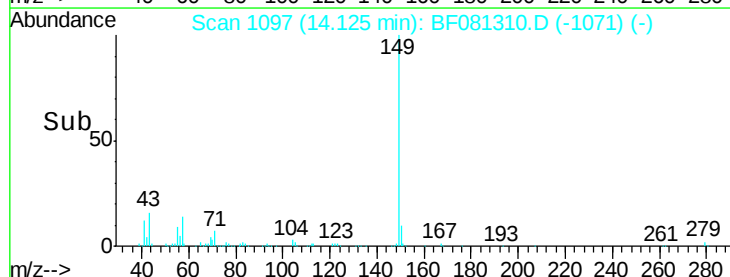
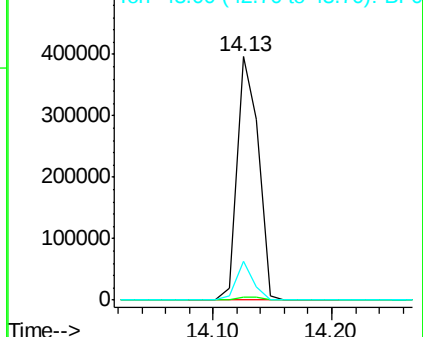
149 100

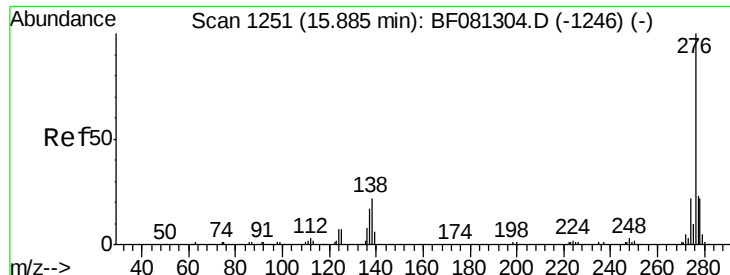
167 1.5 1.0 1.6

43 12.9 10.2 15.2



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

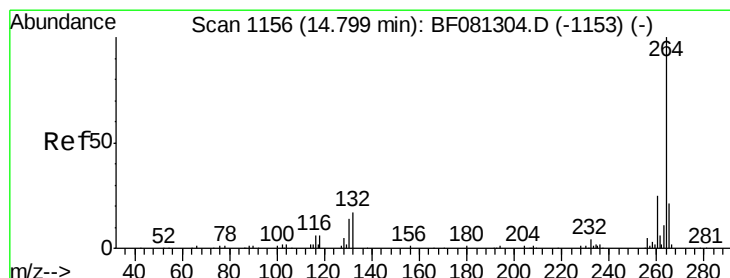
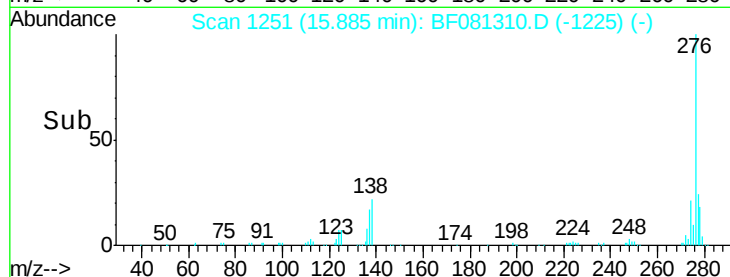
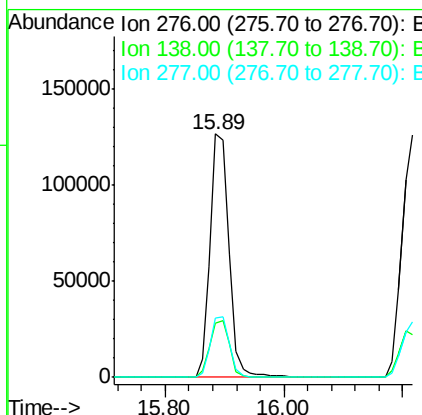
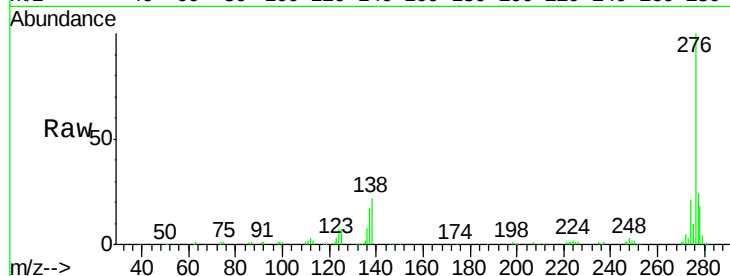




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.56 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

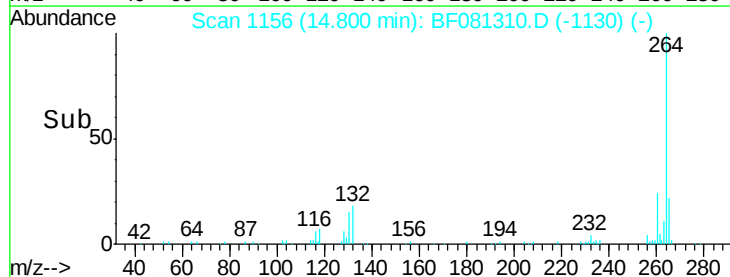
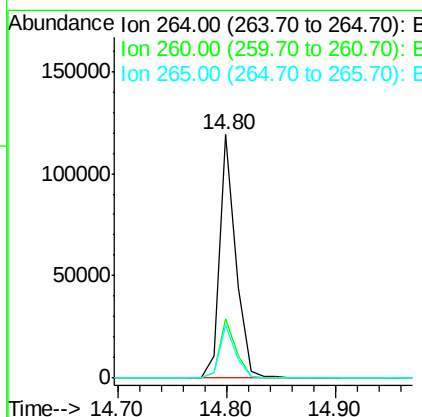
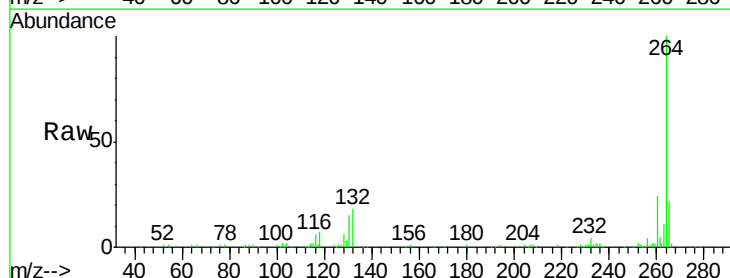
Instrument :
 BNA_F
 ClientSampleId :

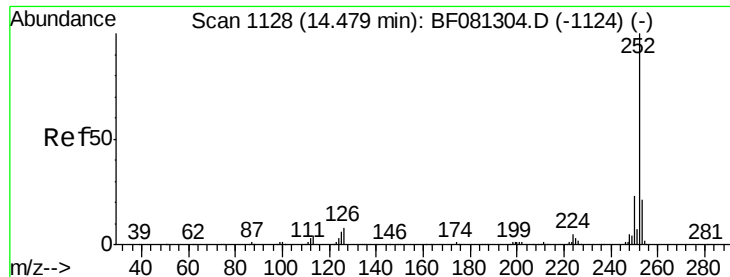
Tot Ion:276 Resp: 280201
 Ion Ratio Lower Upper
 276 100
 138 24.2 25.7 38.5#
 277 25.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Tgt Ion:264 Resp: 123318
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 81.56 ng

RT: 14.50 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

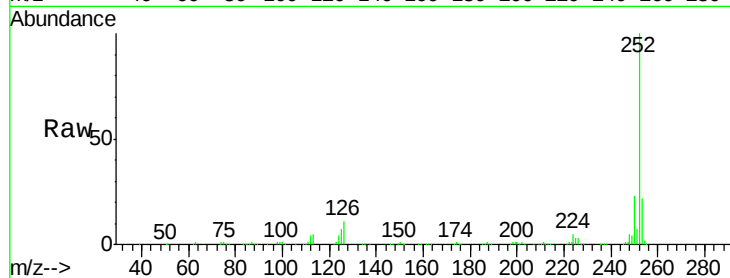
Tot Ion:252 Resp: 718098

Ion Ratio Lower Upper

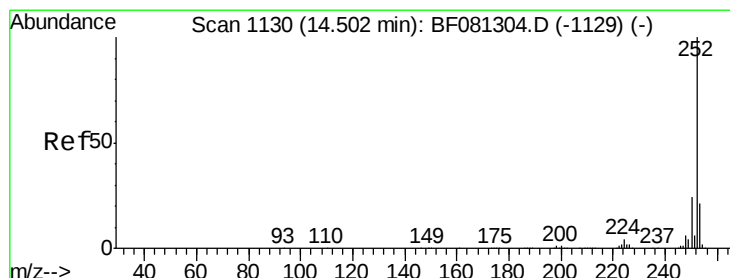
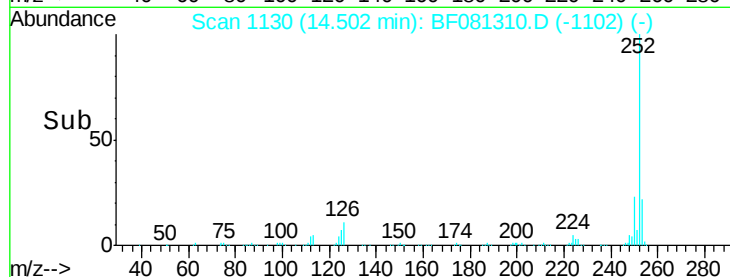
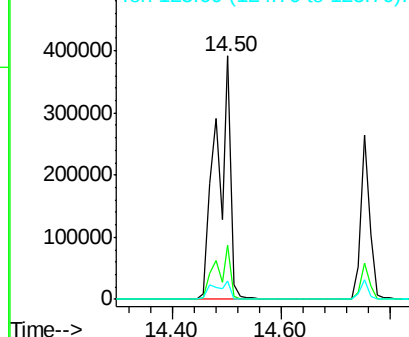
252 100

253 22.0 17.5 26.3

125 7.5 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 98.30 ng

RT: 14.50 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

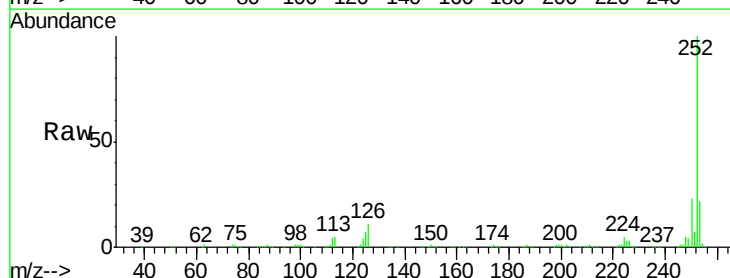
Tgt Ion:252 Resp: 718098

Ion Ratio Lower Upper

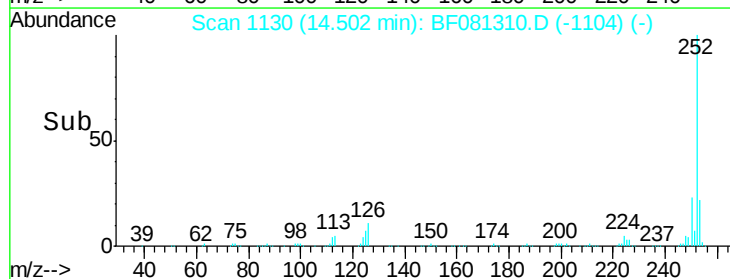
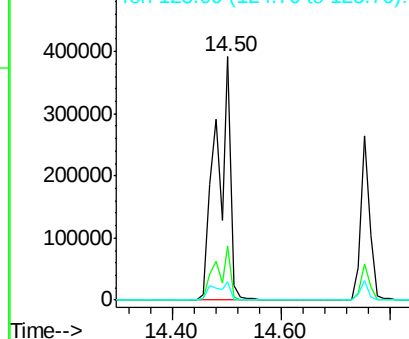
252 100

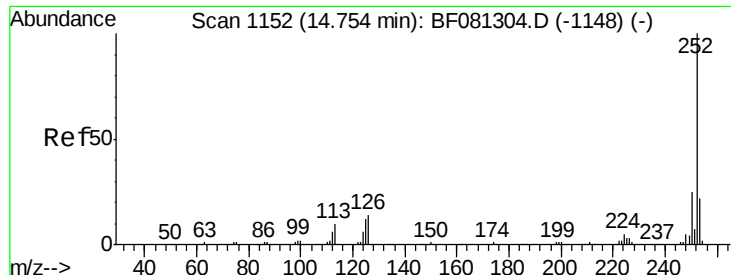
253 22.0 17.0 25.4

125 7.5 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.27 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

Instrument :

BNA_F

ClientSampleId :

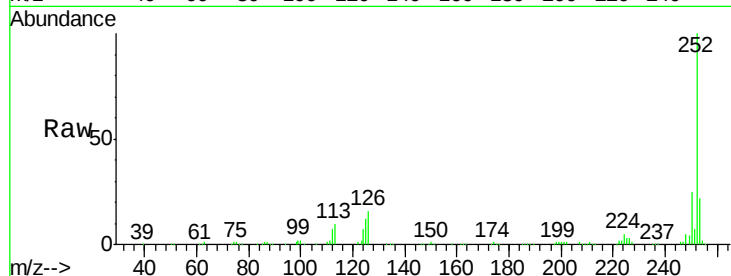
Tot Ion:252 Resp: 300425

Ion Ratio Lower Upper

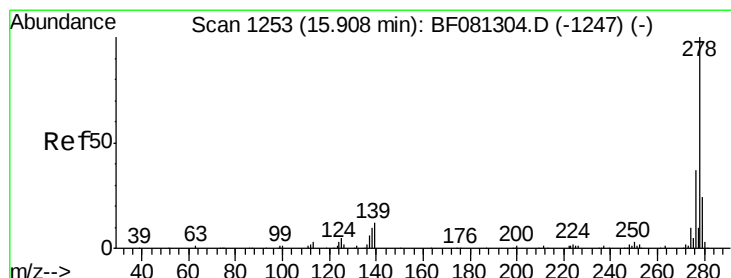
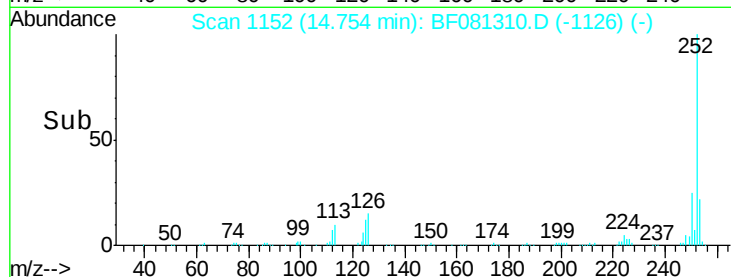
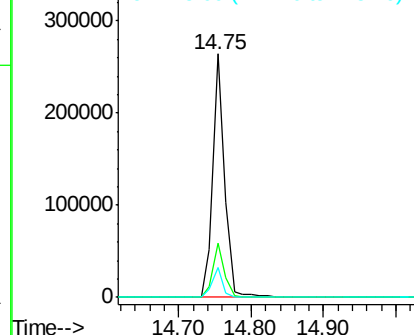
252 100

253 22.5 17.2 25.8

125 12.3 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.45 ng

RT: 15.91 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF081310.D

Acq: 1 Sep 2015 18:30

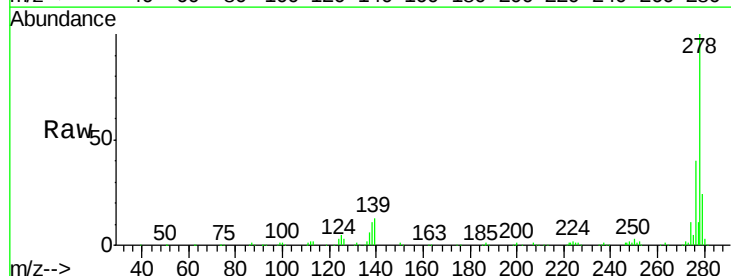
Tgt Ion:278 Resp: 238975

Ion Ratio Lower Upper

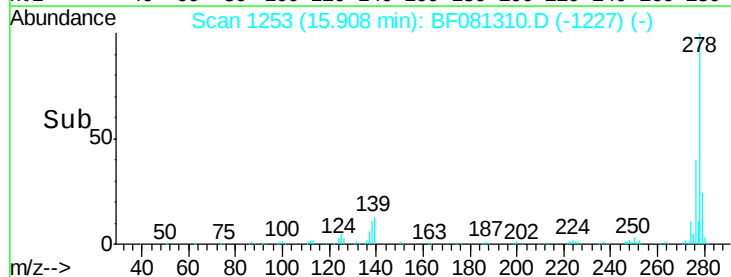
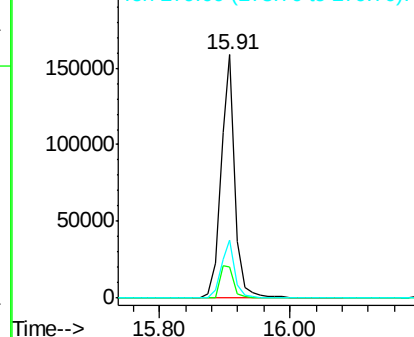
278 100

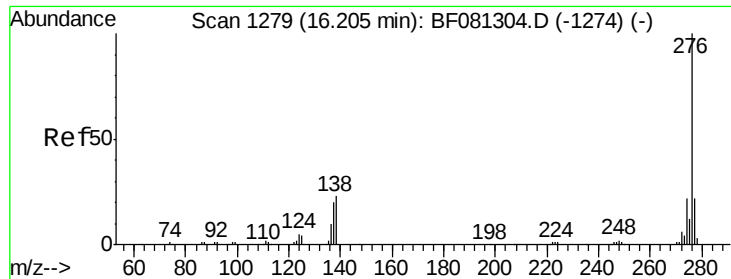
139 12.6 26.3 39.5#

279 24.0 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.53 ng
 RT: 16.22 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF081310.D
 Acq: 1 Sep 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 228501
 Ion Ratio Lower Upper
 276 100
 277 22.8 17.8 26.6
 138 17.8 34.6 51.8#

