

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081048.D
 Acq On : 18 Aug 2015 18:09
 Operator : UM/IZ
 Sample : PB85025BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:38:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50918	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	215818	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	96787	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	207805	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	176072	20.00	ng	-0.01
86) Perylene-d12	15.07	264	168529	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	377514	111.52	ng	0.00
7) Phenol-d6	6.26	99	517190	117.09	ng	0.00
23) Nitrobenzene-d5	7.18	82	293155	62.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	89875	107.12	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	477391	64.63	ng	-0.02
78) Terphenyl-d14	12.70	244	606868	73.89	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.07	88	41584	26.07	ng	98
3) Pyridine	2.70	79	135324	30.05	ng	89
4) n-Nitrosodimethylamine	2.64	42	77409	30.88	ng	# 82
6) Aniline	6.26	93	153095	23.84	ng	# 45
8) 2-Chlorophenol	6.39	128	130150	35.12	ng	99
9) Benzaldehyde	6.15	77	57438	20.17	ng	85
10) Phenol	6.27	94	174324	33.42	ng	# 77
11) bis(2-Chloroethyl)ether	6.35	93	146520	36.60	ng	96
12) 1,3-Dichlorobenzene	6.55	146	131593	33.05	ng	98
13) 1,4-Dichlorobenzene	6.63	146	131306	33.31	ng	99
14) 1,2-Dichlorobenzene	6.78	146	128123	34.72	ng	97
15) Benzyl Alcohol	6.76	79	128771	36.03	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.90	45	271974	34.58	ng	99
17) 2-Methylphenol	6.88	107	105297	33.12	ng	96
18) Hexachloroethane	7.12	117	52026	32.66	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	109118	35.66	ng	88
20) 3+4-Methylphenols	7.04	107	145539	36.07	ng	# 45
22) Acetophenone	7.03	105	194077	34.25	ng	# 89
24) Nitrobenzene	7.20	77	166285	33.66	ng	94
25) Isophorone	7.44	82	270134	30.66	ng	98
26) 2-Nitrophenol	7.52	139	67795	33.00	ng	# 61
27) 2,4-Dimethylphenol	7.56	122	124594	34.28	ng	94
28) bis(2-Chloroethoxy)methane	7.66	93	160992	30.93	ng	99
29) 2,4-Dichlorophenol	7.76	162	110279	36.04	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	108875	32.02	ng	99
31) Naphthalene	7.92	128	390732	32.48	ng	100
32) Benzoic acid	7.69	122	85172	41.66	ng	92
33) 4-Chloroaniline	7.96	127	78617	15.49	ng	99
34) Hexachlorobutadiene	8.04	225	63358	32.95	ng	95
35) Caprolactam	8.34	113	27235	25.47	ng	# 64
36) 4-Chloro-3-methylphenol	8.46	107	129522	35.52	ng	96
37) 2-Methylnaphthalene	8.60	142	246085	32.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	103980	33.30	ng	98
40) Hexachlorocyclopentadiene	8.76	237	122775	75.96	ng	99

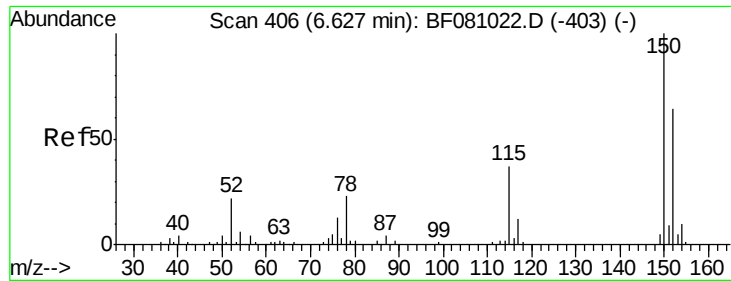
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
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 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	78665	35.66	nq	97
43) 2,4,5-Trichlorophenol	8.92	196	79147	35.90	nq	# 89
45) 1,1'-Biphenyl	9.07	154	332180	38.96	nq	99
46) 2-Chloronaphthalene	9.08	162	219881	32.10	nq	# 89
47) 2-Nitroaniline	9.19	65	89318	31.87	nq	98
48) Acenaphthylene	9.50	152	364425	29.74	nq	98
49) Dimethylphthalate	9.38	163	303753	38.11	nq	99
50) 2,6-Dinitrotoluene	9.44	165	65480	38.26	nq	92
51) Acenaphthene	9.67	154	264359	36.04	nq	99
52) 3-Nitroaniline	9.60	138	52847	24.68	nq	92
53) 2,4-Dinitrophenol	9.71	184	79806	82.80	nq	# 45
54) Dibenzofuran	9.84	168	328383	33.41	nq	91
55) 4-Nitrophenol	9.77	139	100527	66.83	nq	# 83
56) 2,4-Dinitrotoluene	9.84	165	91206	40.21	nq	97
57) Fluorene	10.18	166	256126	33.87	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	62398	36.56	nq	99
59) Diethylphthalate	10.08	149	334190	39.61	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	123811	38.70	nq	98
61) 4-Nitroaniline	10.22	138	76752	35.06	nq	# 76
62) Azobenzene	10.34	77	374642	38.54	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	46568	37.52	nq	88
65) n-Nitrosodiphenylamine	10.31	169	249138	33.59	nq	97
66) 4-Bromophenyl-phenylether	10.67	248	68699	33.65	nq	96
67) Hexachlorobenzene	10.73	284	72716	35.17	nq	94
68) Atrazine	10.83	200	72654	35.15	nq	99
69) Pentachlorophenol	10.92	266	93645	75.49	nq	98
70) Phenanthrene	11.13	178	389344	31.61	nq	100
71) Anthracene	11.19	178	445755	37.20	nq	99
72) Carbazole	11.35	167	449595	38.97	nq	99
73) Di-n-butylphthalate	11.69	149	541020	38.75	nq	99
74) Fluoranthene	12.31	202	432829	32.57	nq	92
76) Benzidine	12.44	184	281856	42.38	nq	99
77) Pyrene	12.54	202	468712	32.75	nq	100
79) Butylbenzylphthalate	13.18	149	260036	42.26	nq	# 83
80) Benzo(a)anthracene	13.73	228	438720	37.15	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	96448	25.22	nq	97
82) Chrysene	13.76	228	437684	41.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	350254	44.44	nq	# 99
84) Di-n-octyl phthalate	14.34	149	601890	50.25	nq	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	354501	47.45	nq	# 94
87) Benzo(b)fluoranthene	14.74	252	760605	63.80	nq	97
88) Benzo(k)fluoranthene	14.74	252	760605	68.48	nq	99
89) Benzo(a)pyrene	15.03	252	379908	36.58	nq	98
90) Dibenzo(a,h)anthracene	16.32	278	292978	36.20	nq	100
91) Benzo(g,h,i)perylene	16.66	276	278153	33.88	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

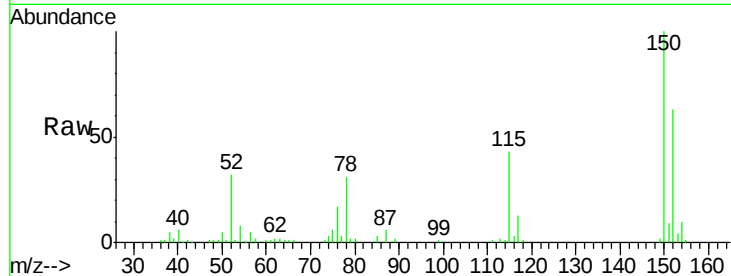
Tot Ion:152 Resp: 50918

Ion Ratio Lower Upper

152 100

150 159.3 123.8 185.6

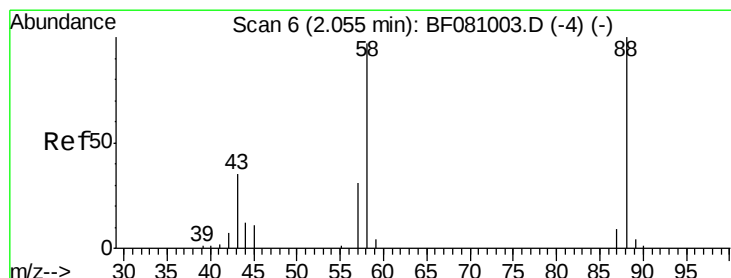
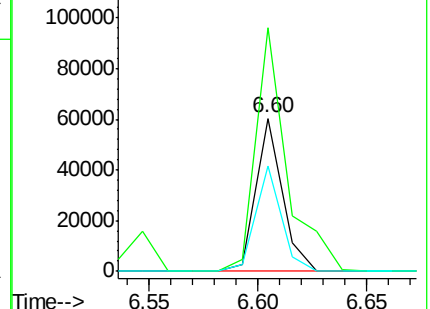
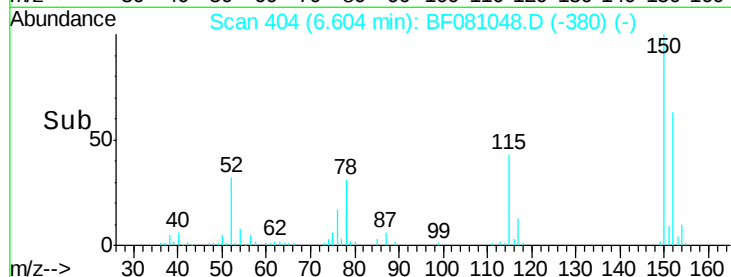
115 69.2 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.07 ng

RT: 2.07 min Scan# 7

Delta R.T. 0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

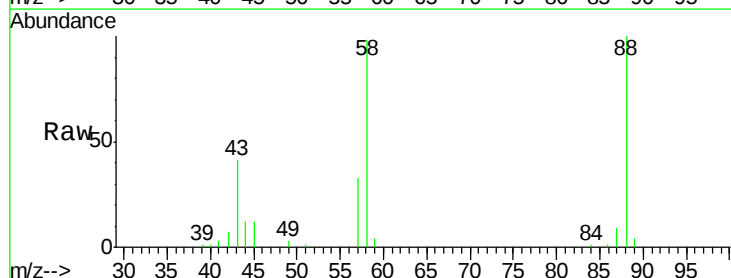
Tgt Ion: 88 Resp: 41584

Ion Ratio Lower Upper

88 100

58 106.7 83.7 125.5

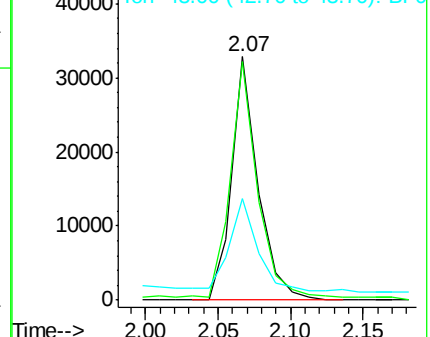
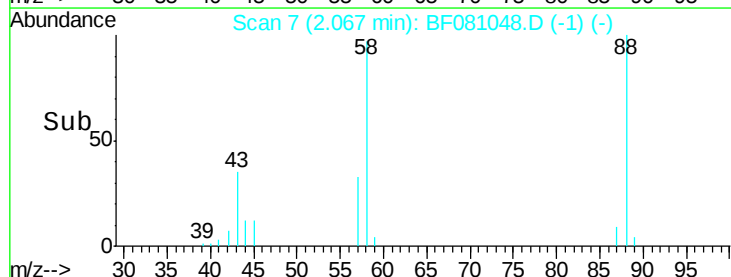
43 45.6 37.5 56.3

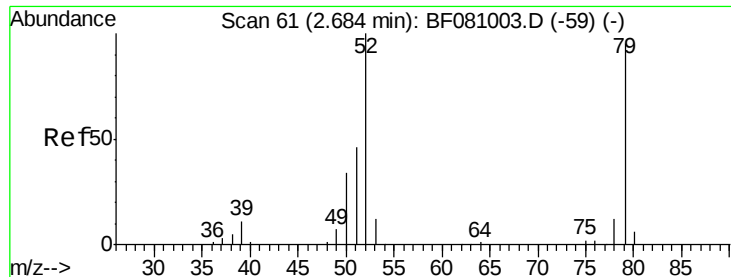


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.05 ng

RT: 2.70 min Scan# 62

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

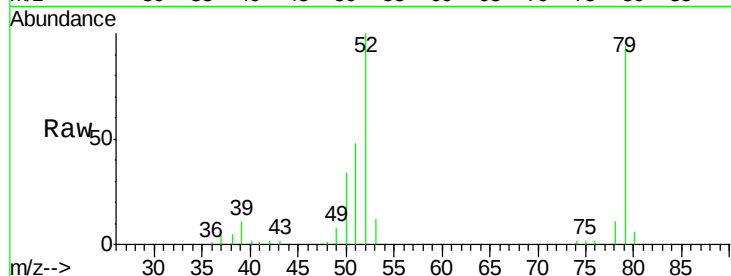
Tot Ion: 79 Resp: 135324

Ion Ratio Lower Upper

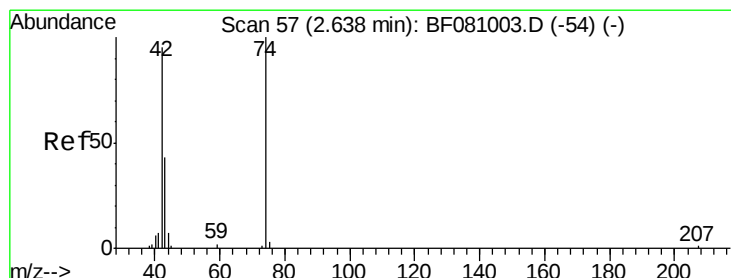
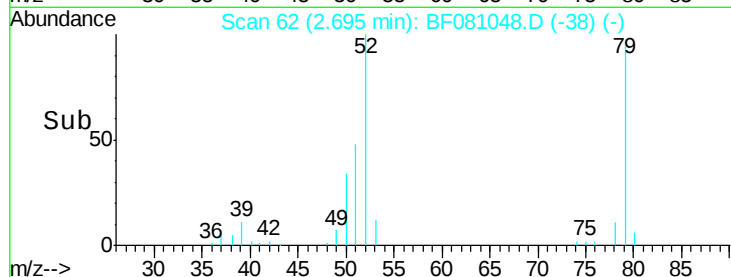
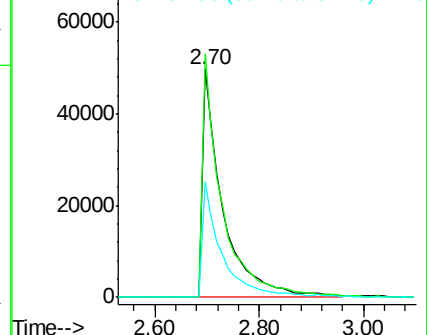
79 100

52 106.8 95.1 142.7

51 50.9 46.6 70.0



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



#4

n-Nitrosodimethylamine

Concen: 30.88 ng

RT: 2.64 min Scan# 57

Delta R.T. 0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

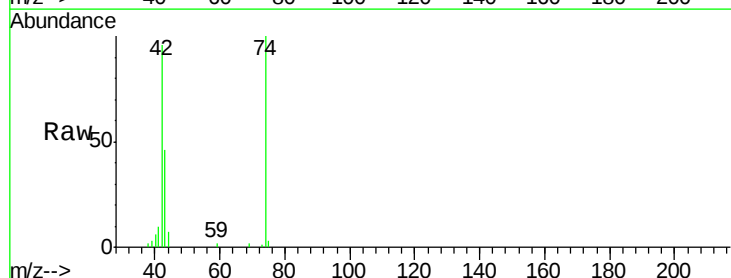
Tgt Ion: 42 Resp: 77409

Ion Ratio Lower Upper

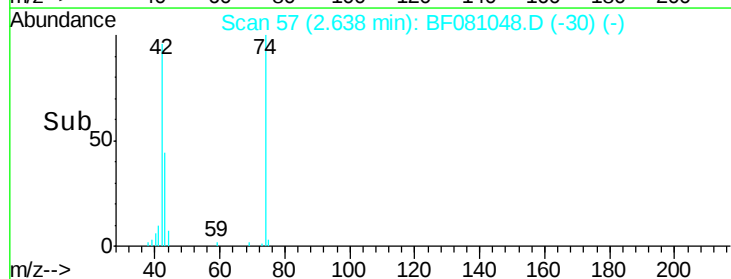
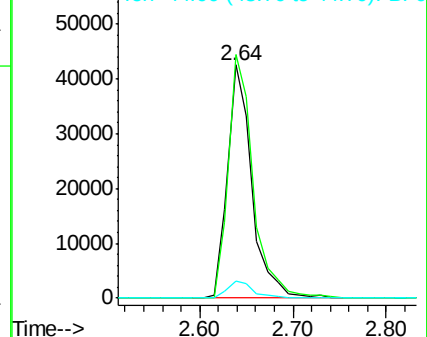
42 100

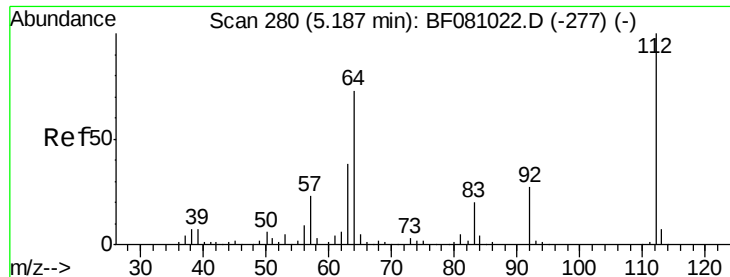
74 104.4 69.3 103.9#

44 7.1 5.5 8.3



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





#5

2-Fluorophenol

Concen: 111.52 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

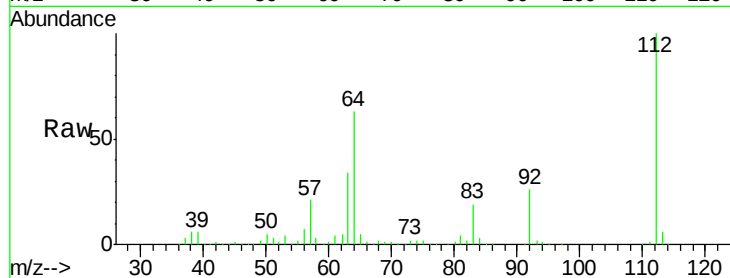
Tot Ion:112 Resp: 377514

Ion Ratio Lower Upper

112 100

64 62.5 66.9 100.3#

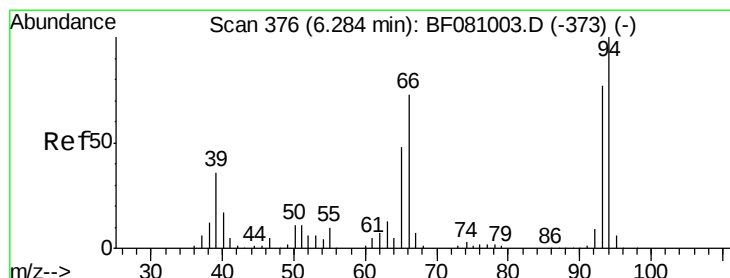
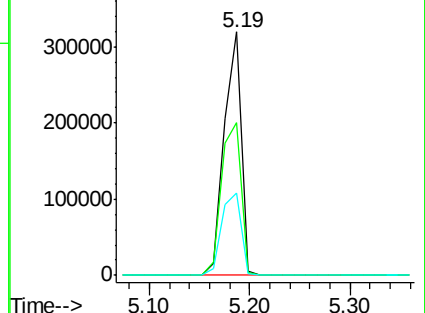
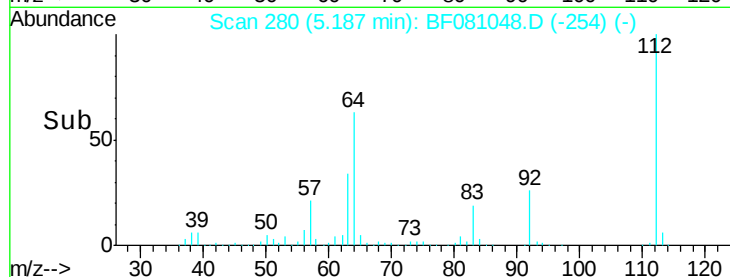
63 33.6 38.1 57.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.84 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

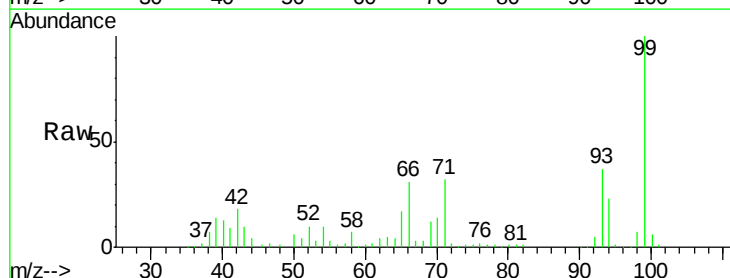
Tgt Ion: 93 Resp: 153095

Ion Ratio Lower Upper

93 100

66 82.9 35.6 53.4#

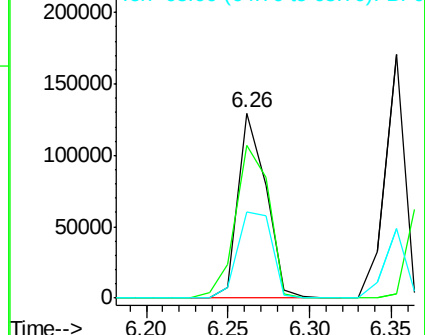
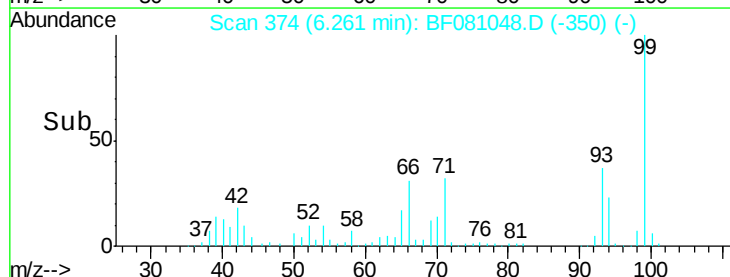
65 46.7 18.7 28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.09 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

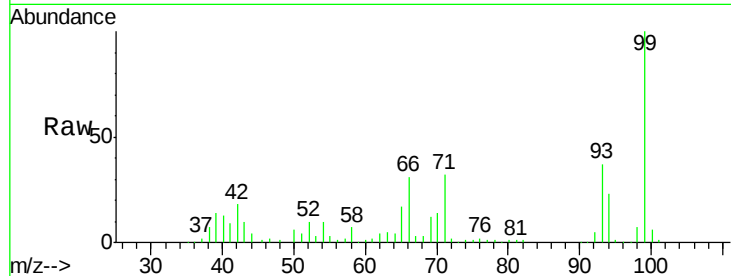
Instrument :

BNA_F

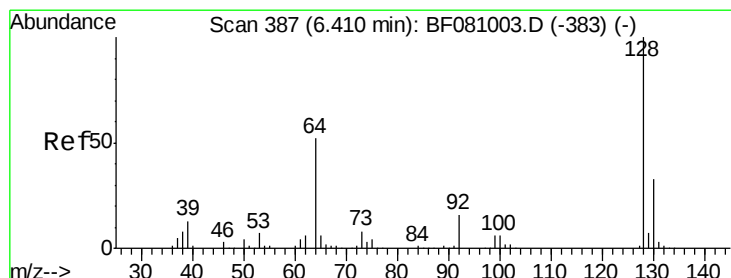
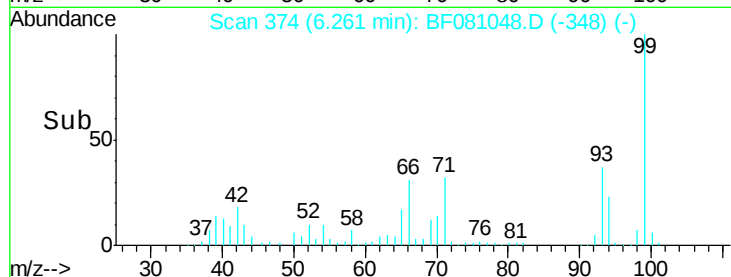
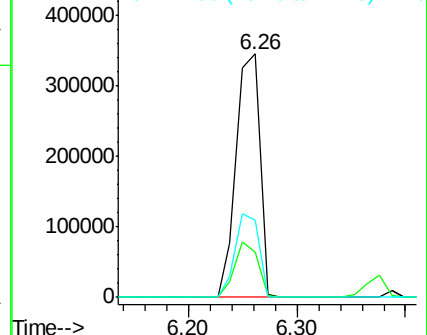
ClientSampleId :

Tot Ion: 99 Resp: 517190

Ion	Ratio	Lower	Upper
99	100		
42	18.5	19.6	29.4#
71	31.7	31.2	46.8



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



#8

2-Chlorophenol

Concen: 35.12 ng

RT: 6.39 min Scan# 385

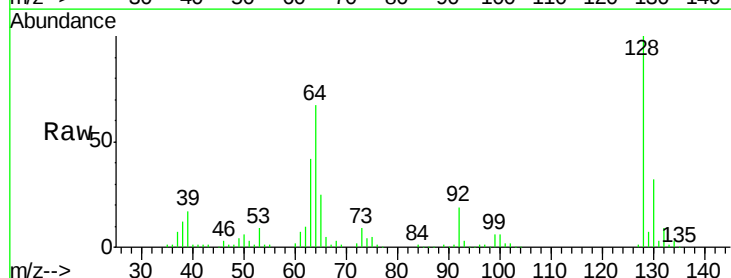
Delta R.T. -0.01 min

Lab File: BF081048.D

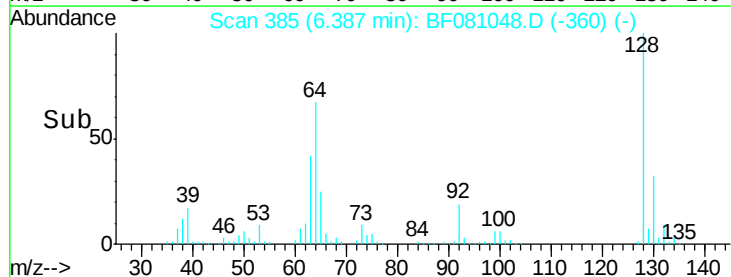
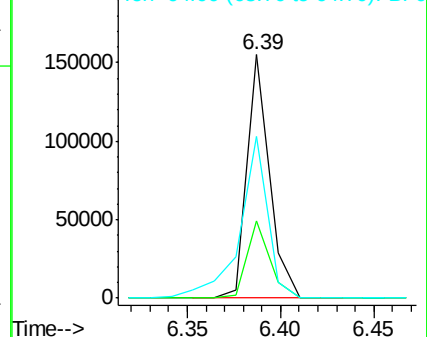
Acq: 18 Aug 2015 18:09

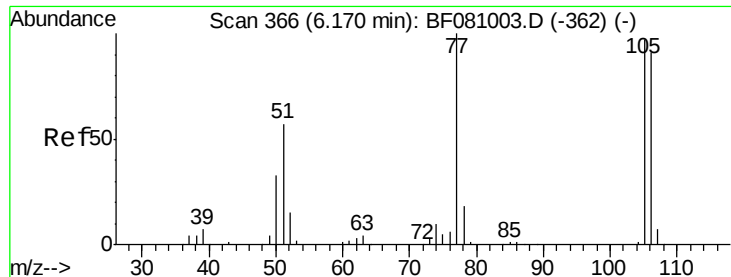
Tgt Ion: 128 Resp: 130150

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.5	52.5
64	66.6	46.8	86.8



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





#9

Benzaldehyde

Concen: 20.17 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

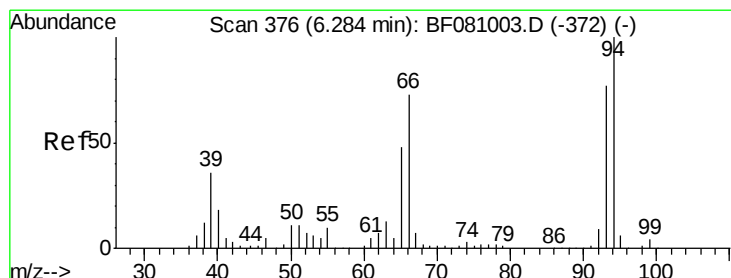
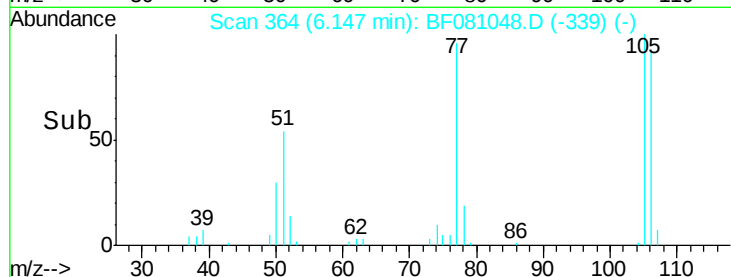
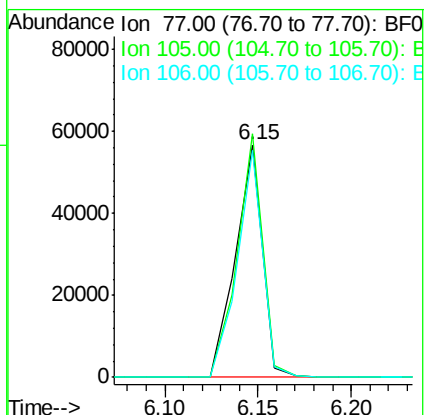
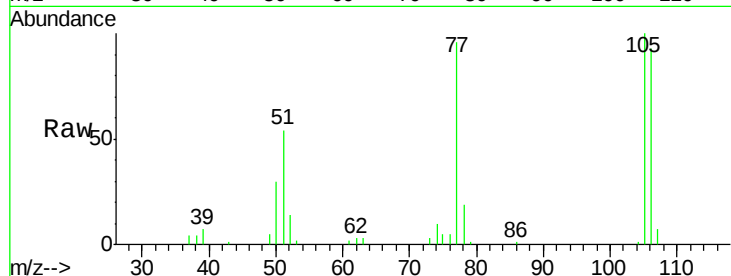
Tot Ion: 77 Resp: 57438

Ion Ratio Lower Upper

77 100

105 104.7 69.6 109.6

106 97.4 64.0 104.0



#10

Phenol

Concen: 33.42 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

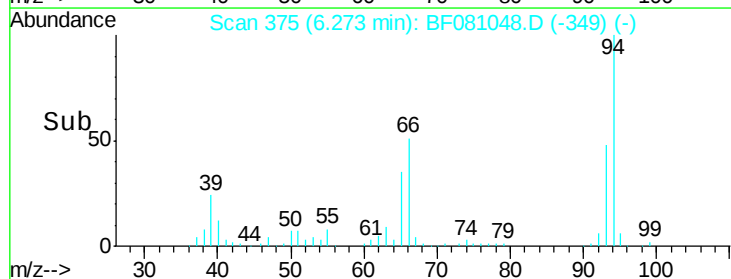
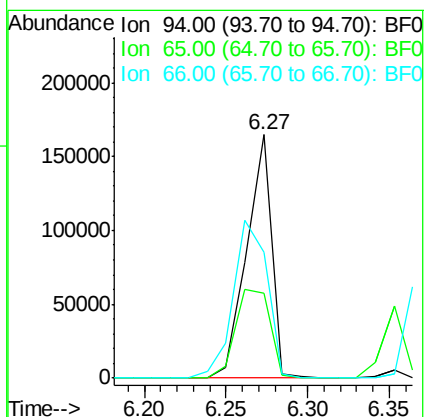
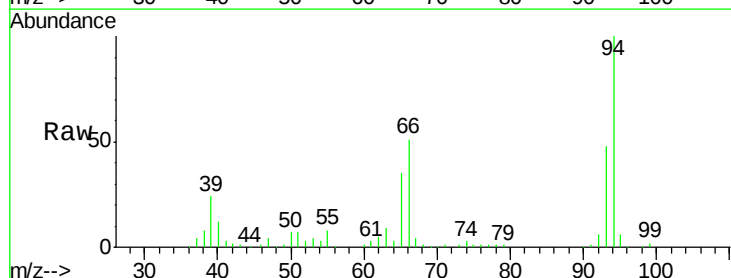
Tgt Ion: 94 Resp: 174324

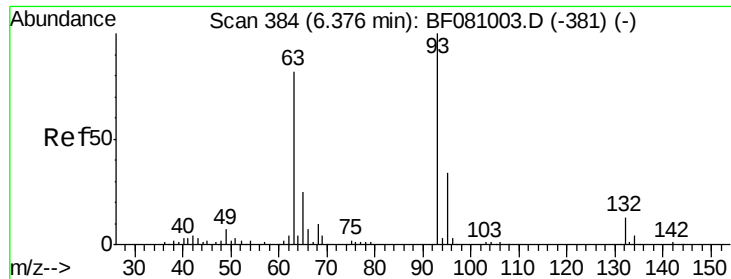
Ion Ratio Lower Upper

94 100

65 35.0 28.4 68.4

66 51.5 52.3 92.3#

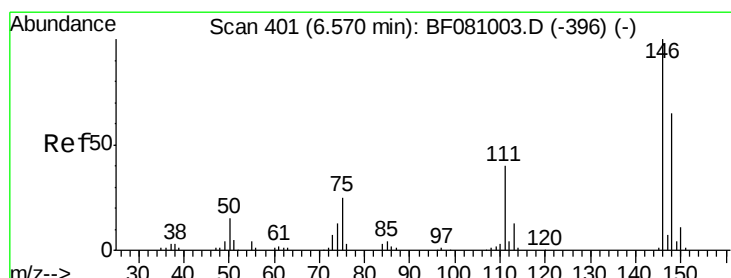
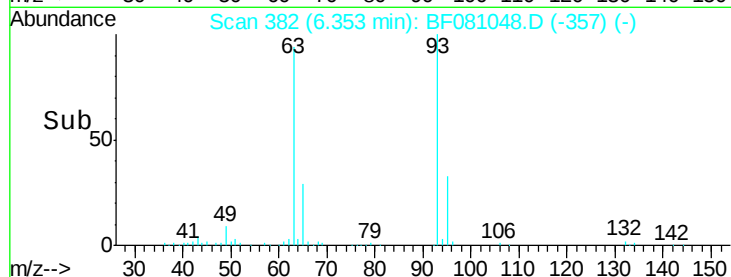
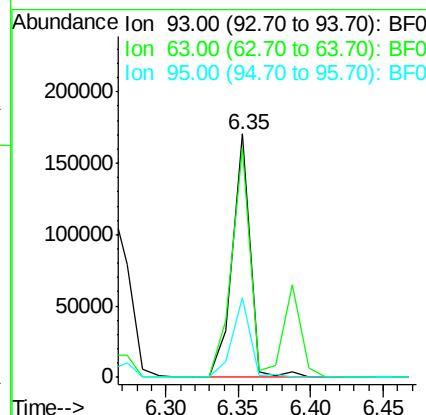
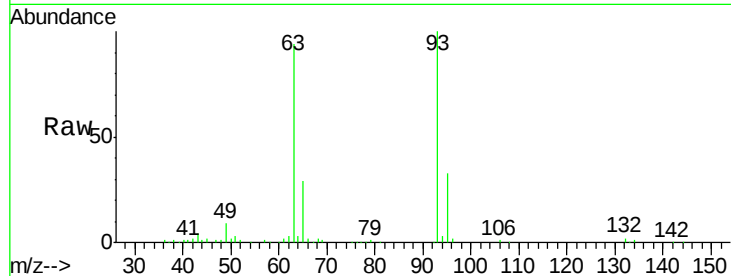




#11
bis(2-Chloroethyl)ether
Concen: 36.60 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

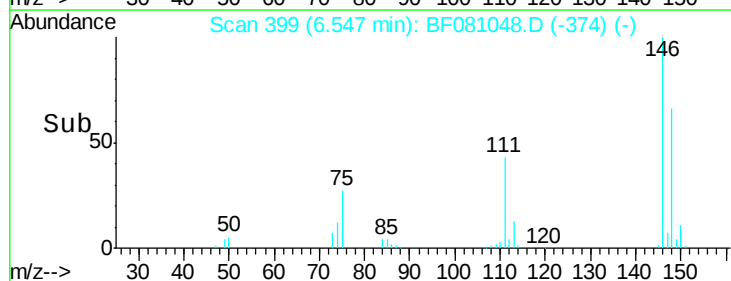
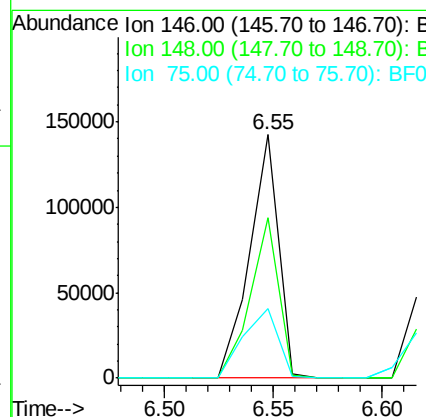
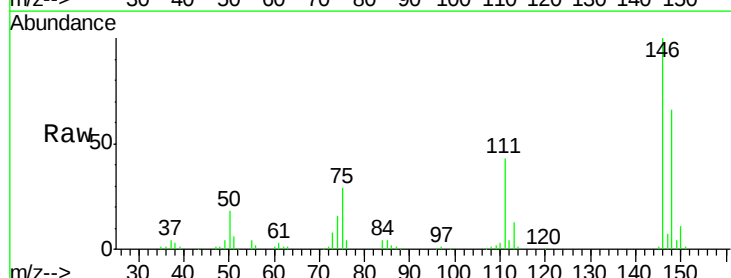
Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 146520
Ion Ratio Lower Upper
93 100
63 94.4 69.6 109.6
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 33.05 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 146 Resp: 131593
Ion Ratio Lower Upper
146 100
148 65.7 53.3 79.9
75 28.7 25.0 37.6

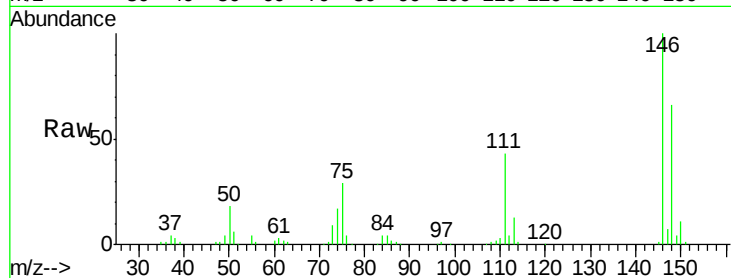




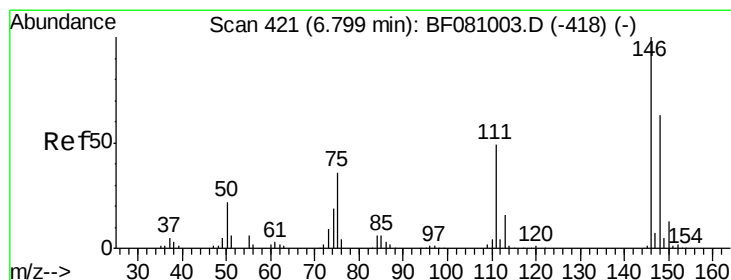
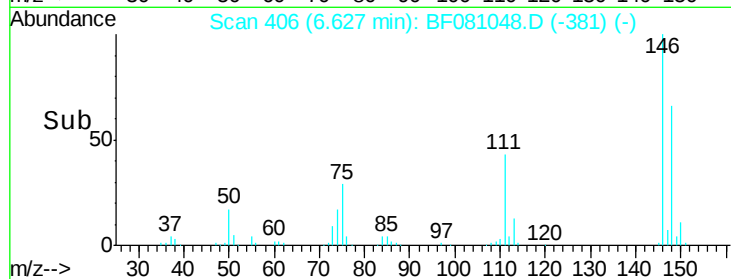
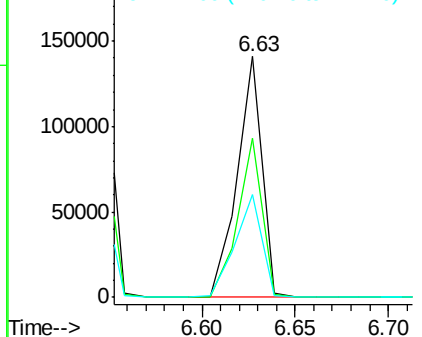
#13
 1,4-Dichlorobenzene
 Concen: 33.31 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 131306
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.3 78.5
 111 42.7 34.4 51.6

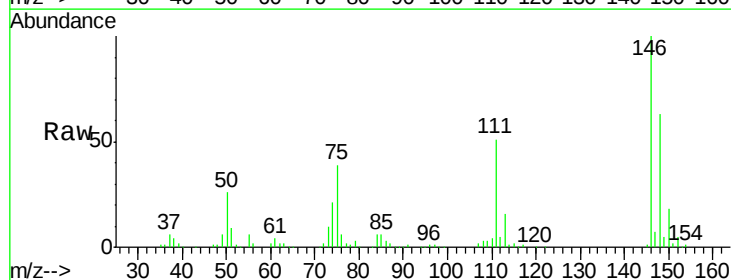


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

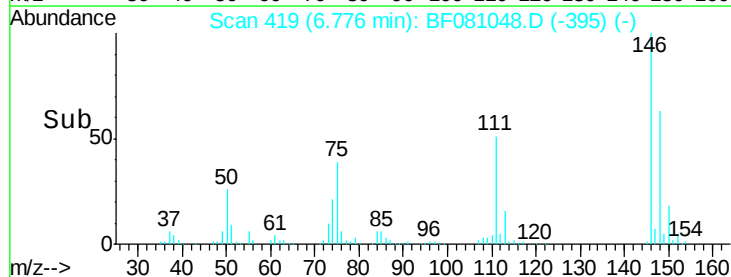
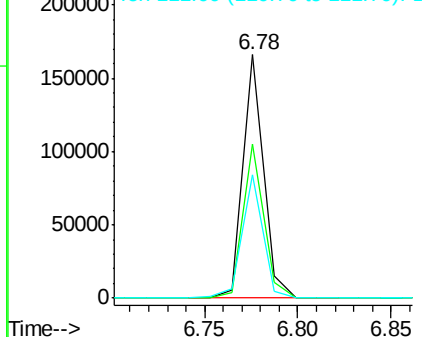


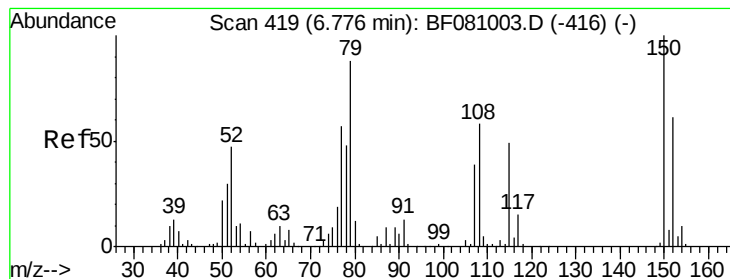
#14
 1,2-Dichlorobenzene
 Concen: 34.72 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Tgt Ion:146 Resp: 128123
 Ion Ratio Lower Upper
 146 100
 148 63.4 48.7 73.1
 111 50.5 42.3 63.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.03 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

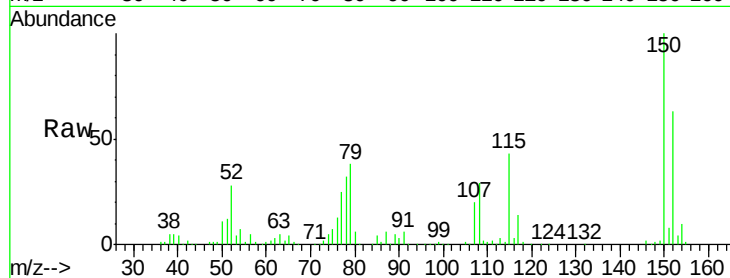
Tot Ion: 79 Resp: 128771

Ion Ratio Lower Upper

79 100

108 74.8 49.4 74.2#

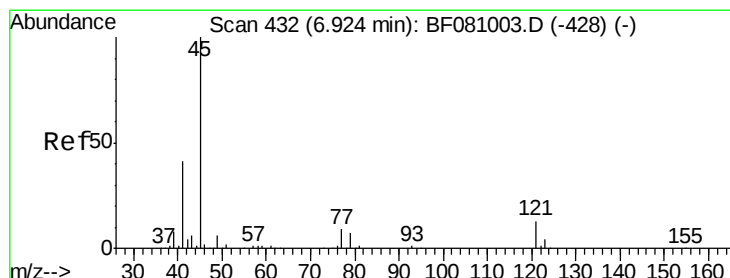
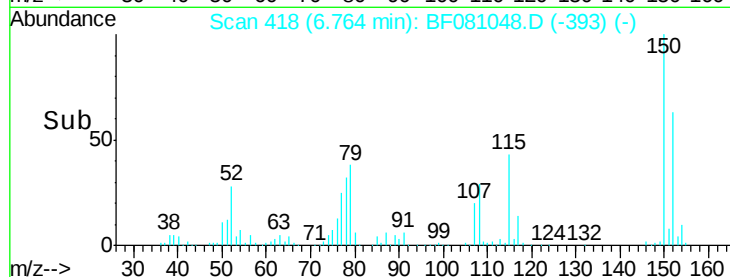
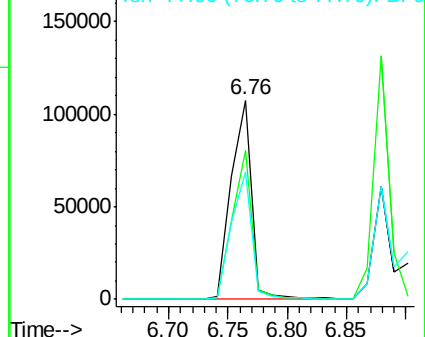
77 64.0 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.58 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

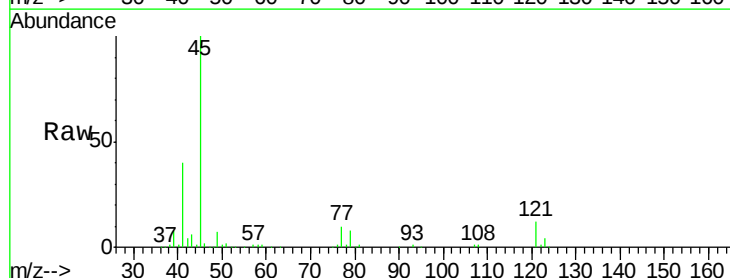
Tgt Ion: 45 Resp: 271974

Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.2

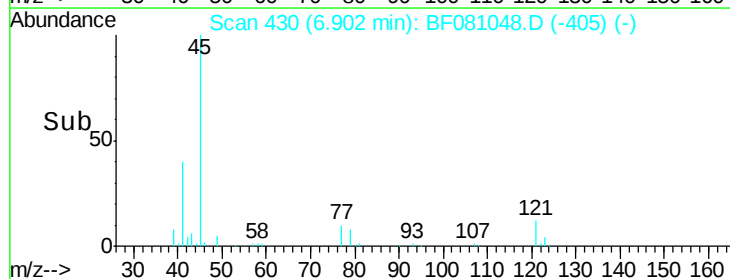
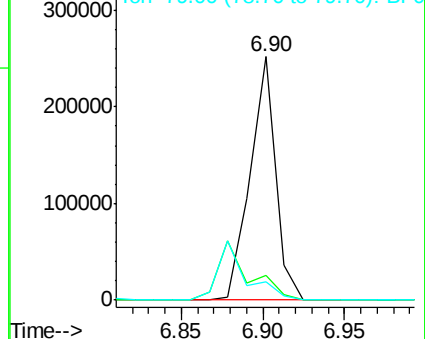
79 7.7 0.0 28.0

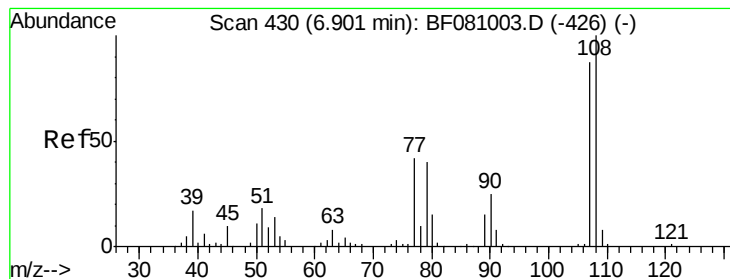


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

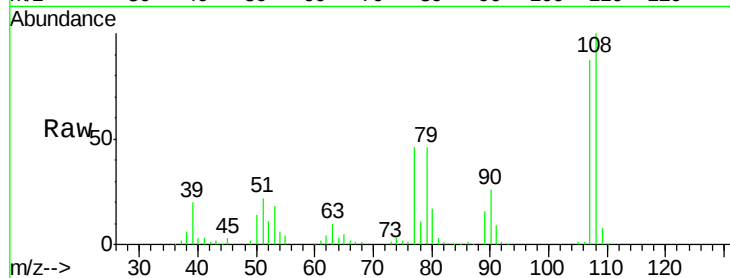




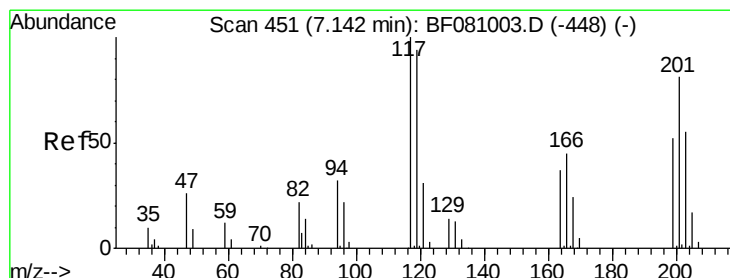
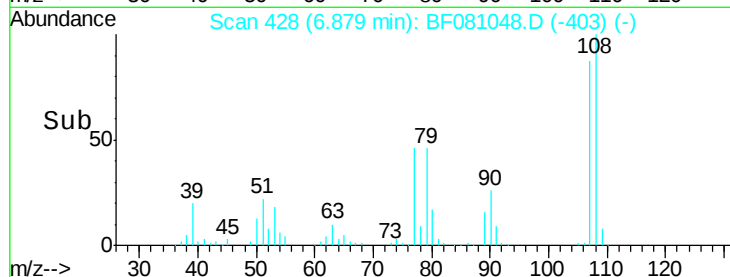
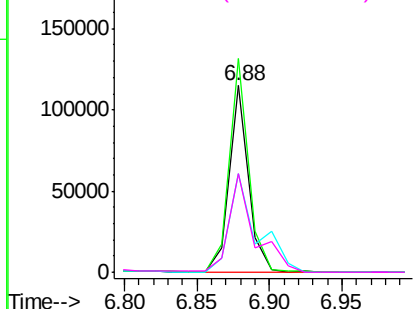
#17
2-Methylphenol
Concen: 33.12 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	105297
Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.4	135.6
77	53.1	46.5	69.7
79	52.9	46.3	69.5

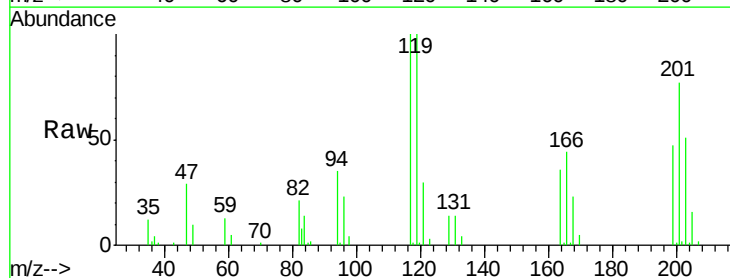


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

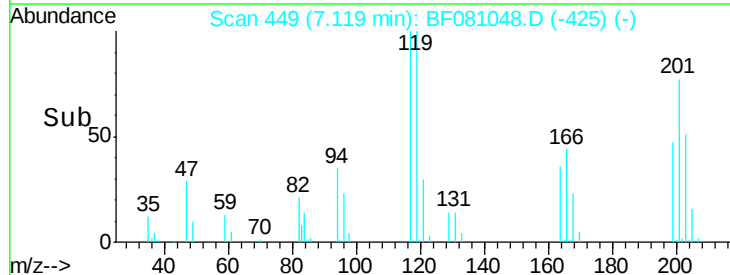
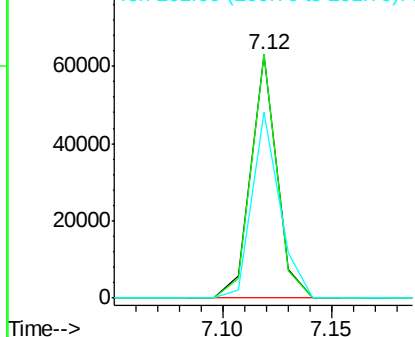


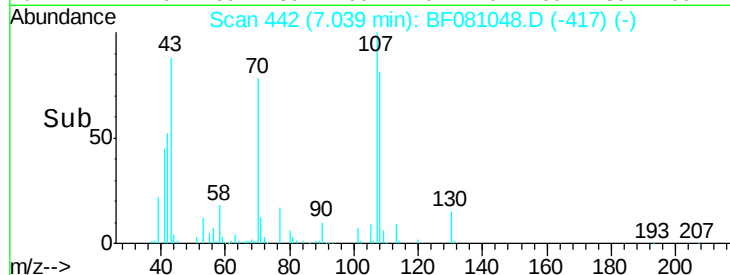
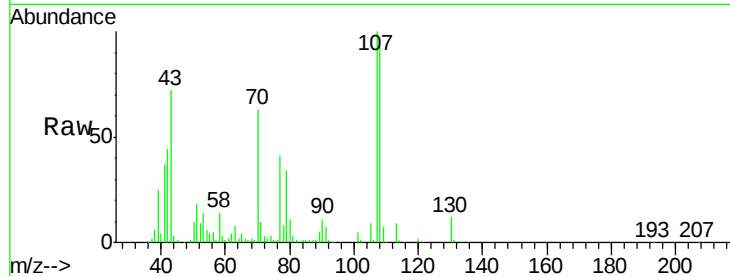
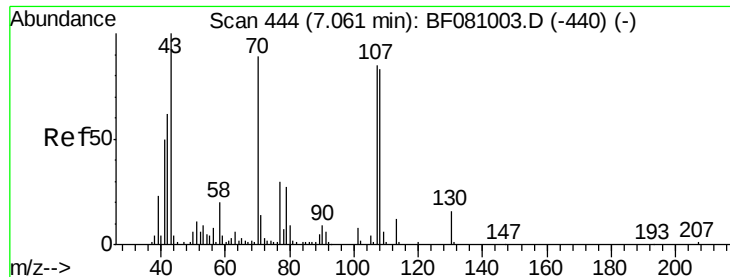
#18
Hexachloroethane
Concen: 32.66 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:	117	Resp:	52026
Ion	Ratio	Lower	Upper
117	100		
119	100.2	77.9	116.9
201	76.7	61.3	91.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

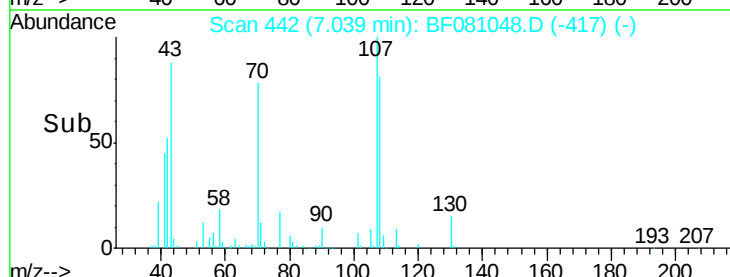
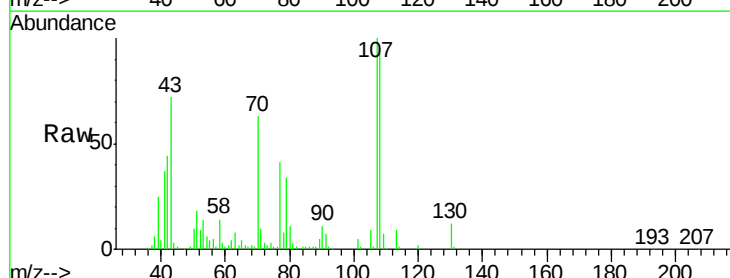
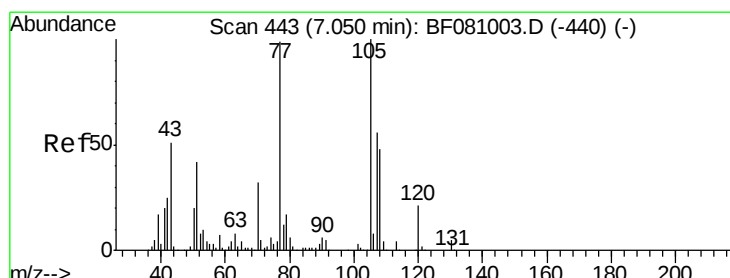
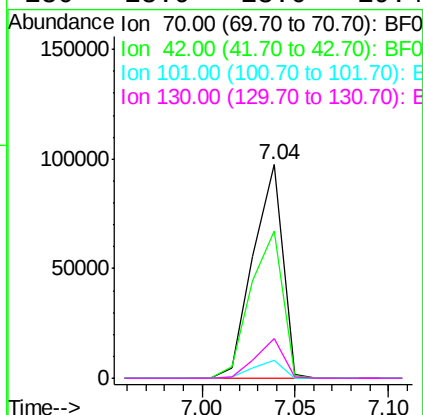




#19
n-Nitroso-di-n-propylamine
Concen: 35.66 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

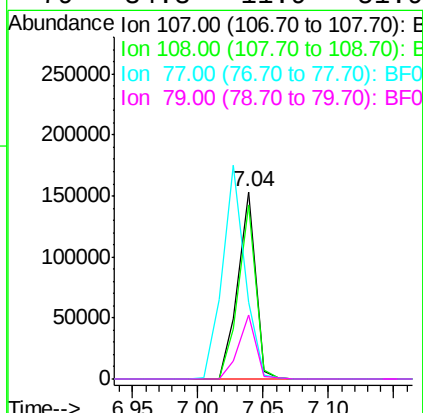
Instrument :
BNA_F
ClientSampled :

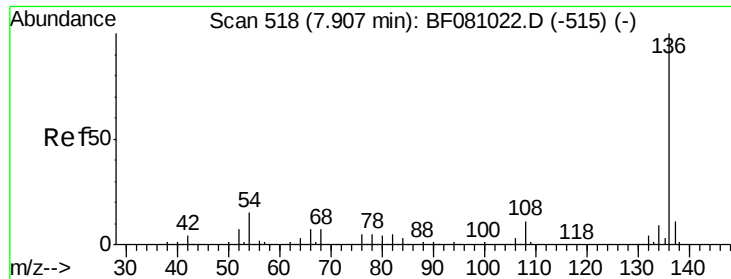
Tot Ion:	70	Resp:	109118
Ion	Ratio	Lower	Upper
70	100		
42	68.8	65.0	97.4
101	8.6	7.4	11.2
130	18.9	13.0	19.4



#20
3+4-Methylphenols
Concen: 36.07 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:	107	Resp:	145539
Ion	Ratio	Lower	Upper
107	100		
108	93.3	66.1	106.1
77	41.0	139.3	179.3#
79	34.3	11.9	51.9

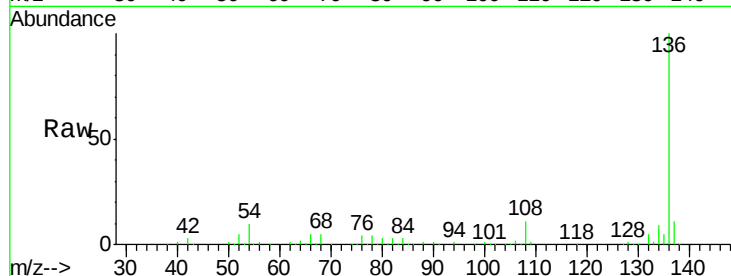




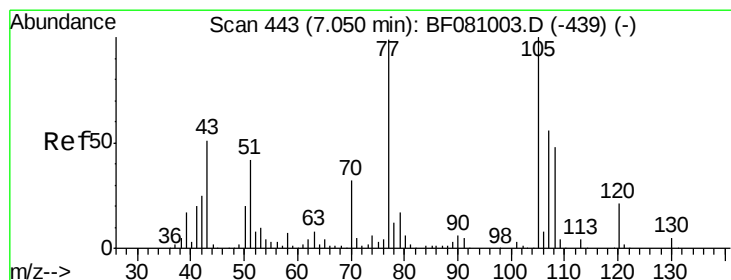
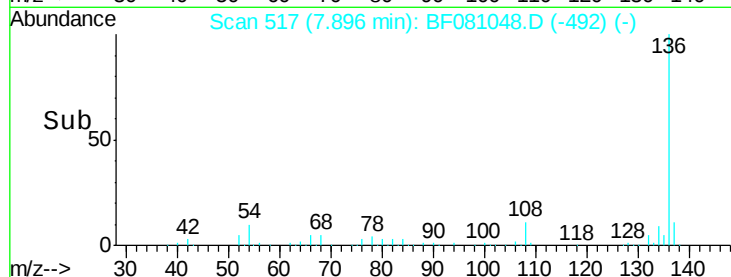
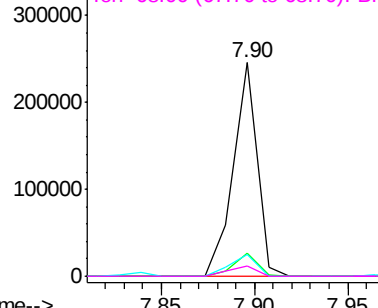
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	215818
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	10.1	7.7 11.5
68	4.9	3.4 5.2

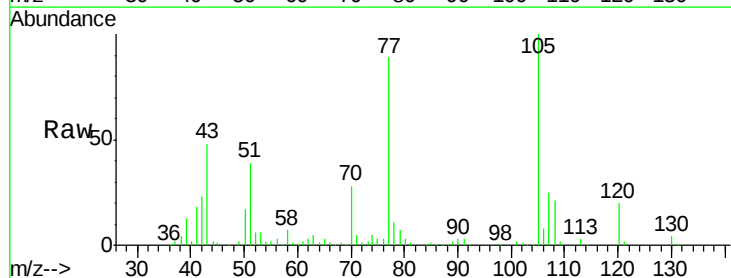


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

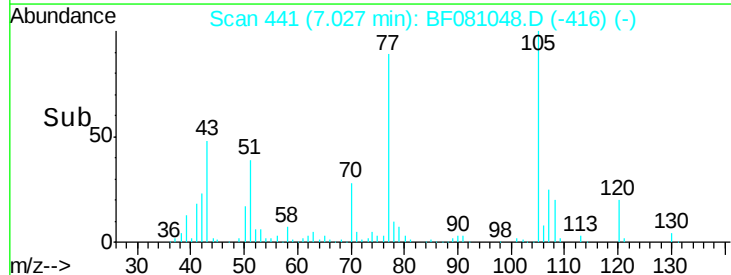
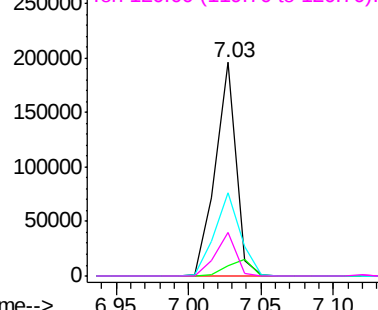


#22
Acetophenone
Concen: 34.25 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:105	Resp:	194077
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.0 4.6#
51	39.2	39.8 59.8#
120	20.1	15.8 23.8



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

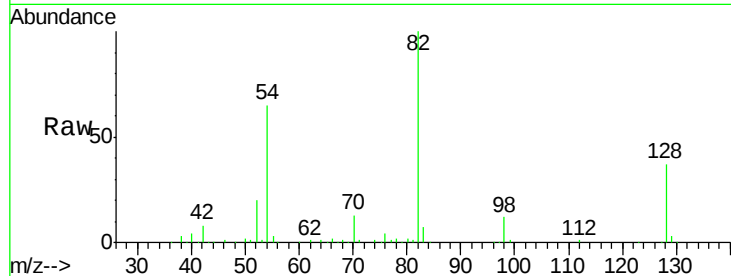




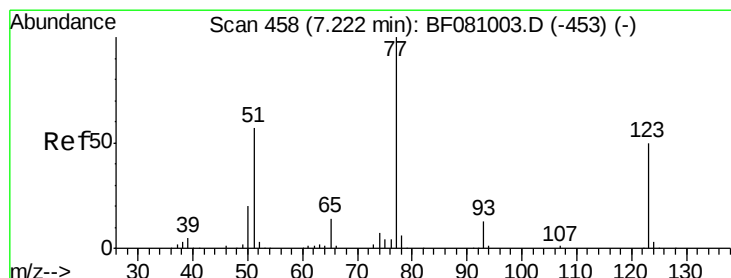
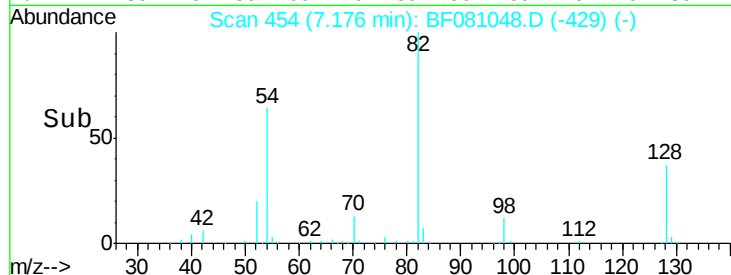
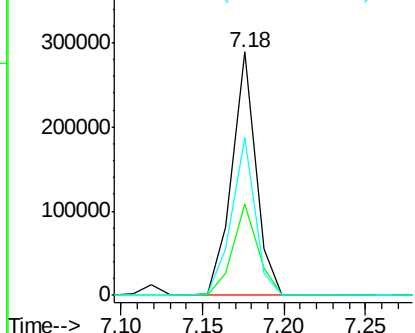
#23
Nitrobenzene-d5
Concen: 62.05 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.6	42.8
54	64.7	55.1	82.7

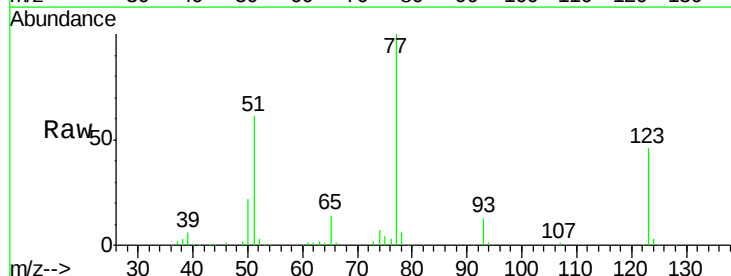


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

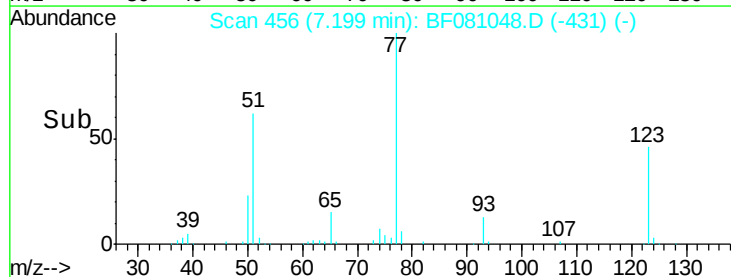
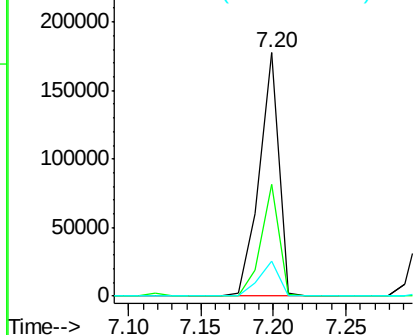


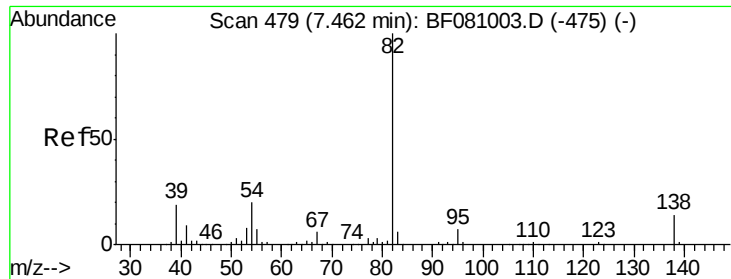
#24
Nitrobenzene
Concen: 33.66 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	32.9	49.3
65	14.5	12.5	18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 30.66 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

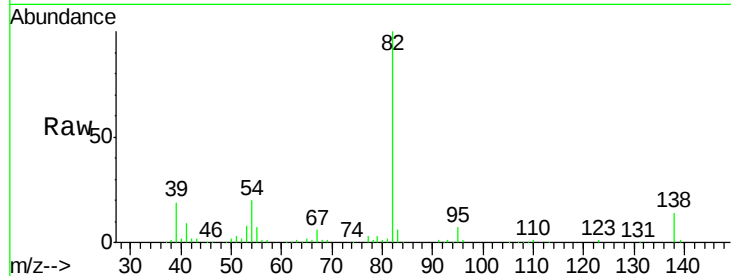
Tot Ion: 82 Resp: 270134

Ion Ratio Lower Upper

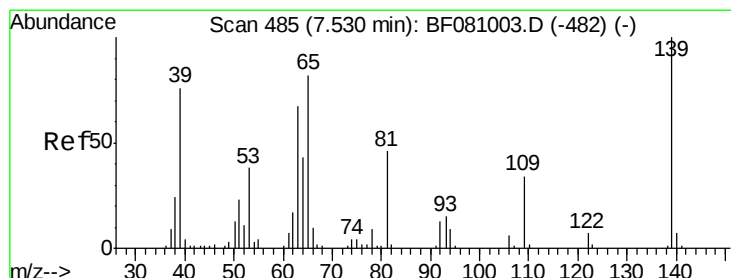
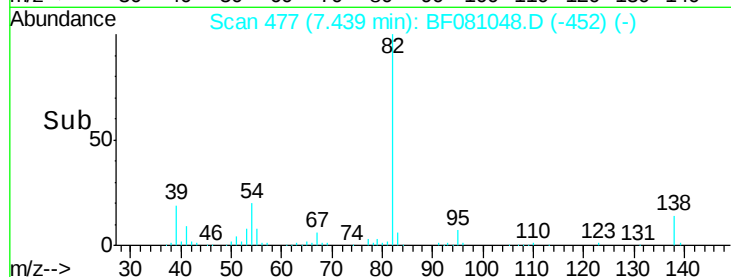
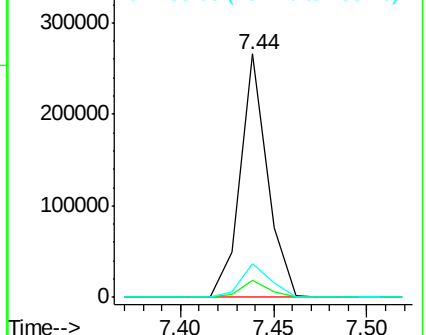
82 100

95 6.8 6.2 9.2

138 13.8 10.5 15.7



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



#26

2-Nitrophenol

Concen: 33.00 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

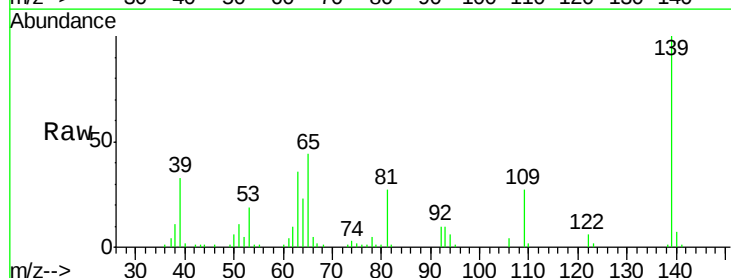
Tgt Ion: 139 Resp: 67795

Ion Ratio Lower Upper

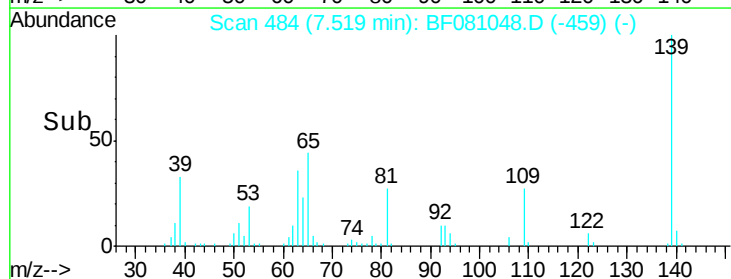
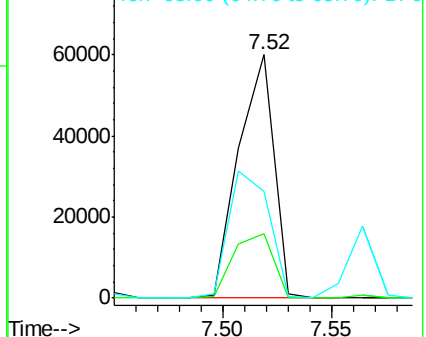
139 100

109 26.6 32.1 48.1#

65 43.7 69.9 104.9#



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

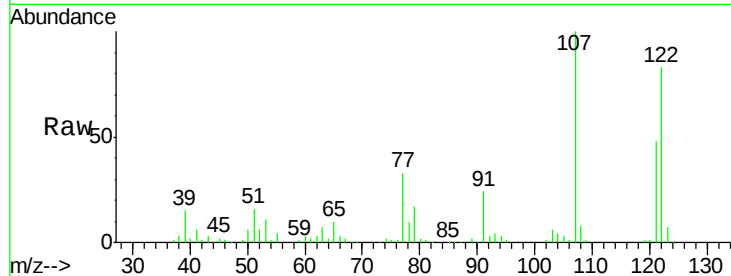




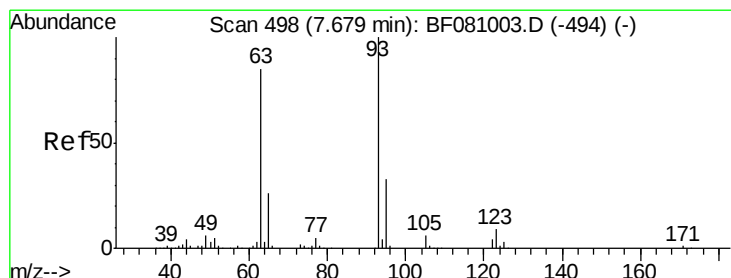
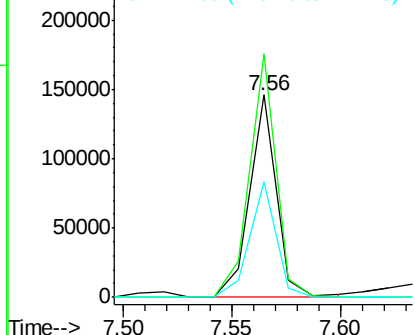
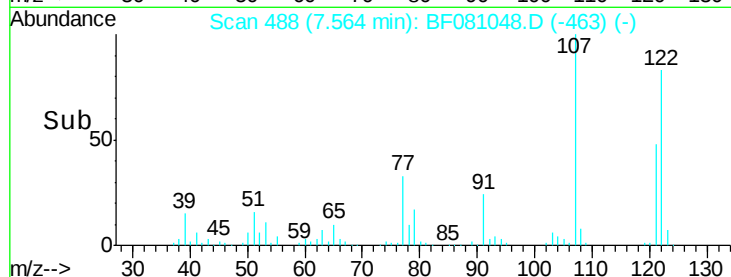
#27
2,4-Dimethylphenol
Concen: 34.28 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 124594
Ion Ratio Lower Upper
122 100
107 120.3 103.8 155.6
121 57.4 47.0 70.4

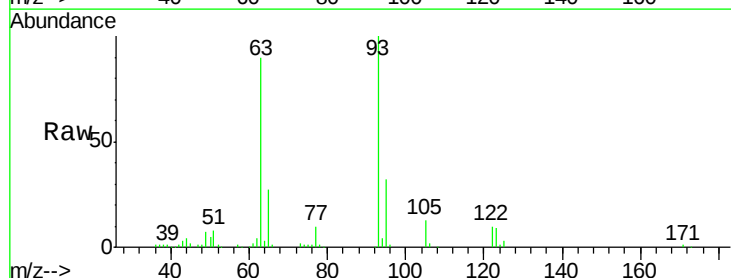


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

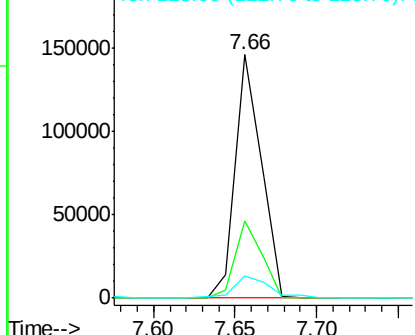
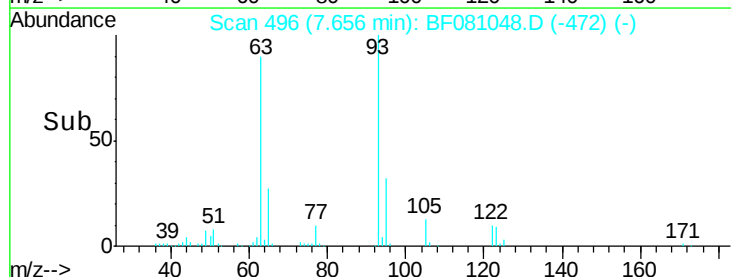


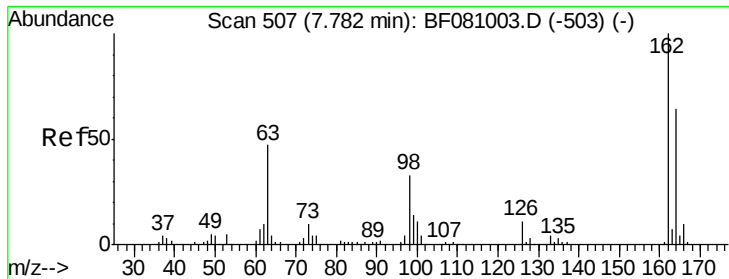
#28
bis(2-Chloroethoxy)methane
Concen: 30.93 ng
RT: 7.66 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion: 93 Resp: 160992
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.8
123 9.2 7.4 11.0



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

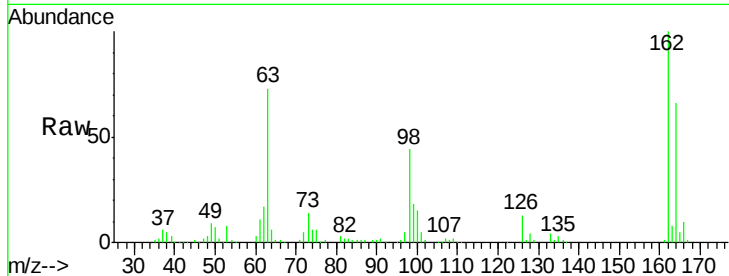




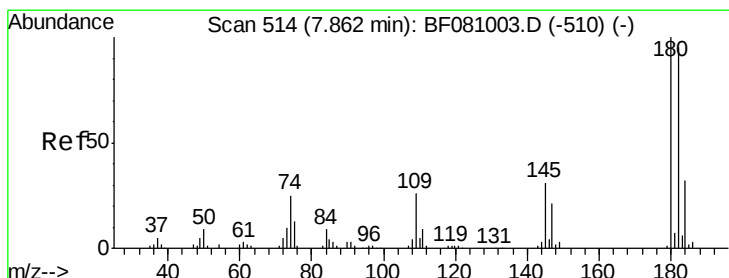
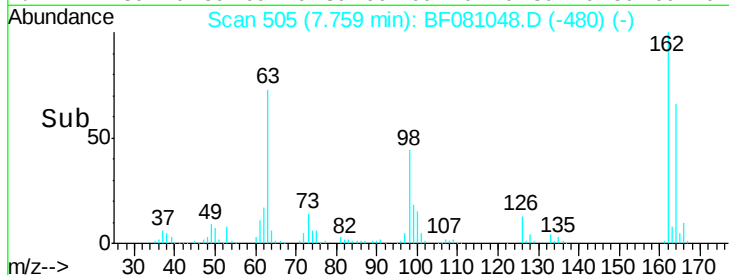
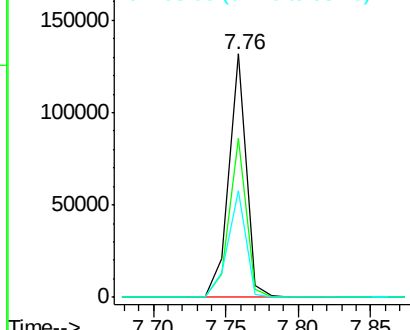
#29
 2,4-Dichlorophenol
 Concen: 36.04 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 110279
 Ion Ratio Lower Upper
 162 100
 164 65.5 43.2 83.2
 98 43.9 12.3 52.3

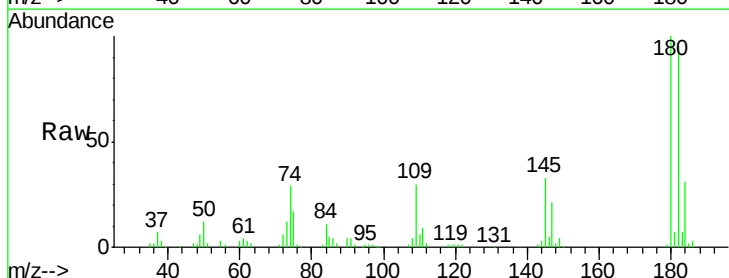


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

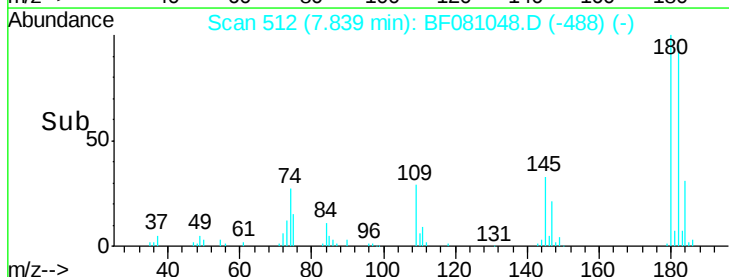
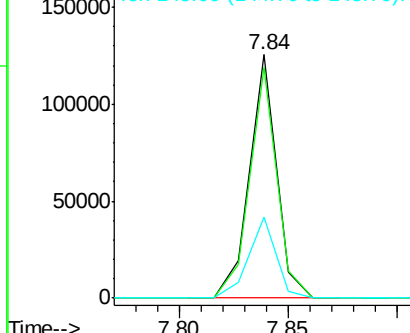


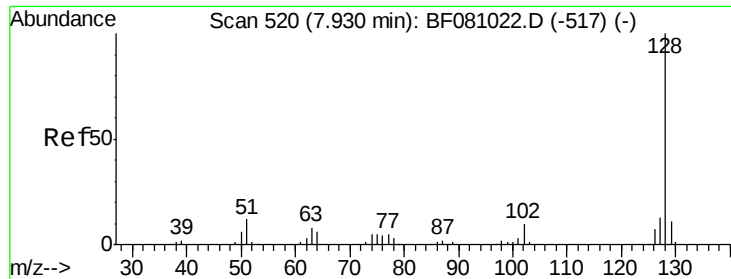
#30
 1,2,4-Trichlorobenzene
 Concen: 32.02 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Tgt Ion:180 Resp: 108875
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.4 114.6
 145 33.1 25.4 38.2



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

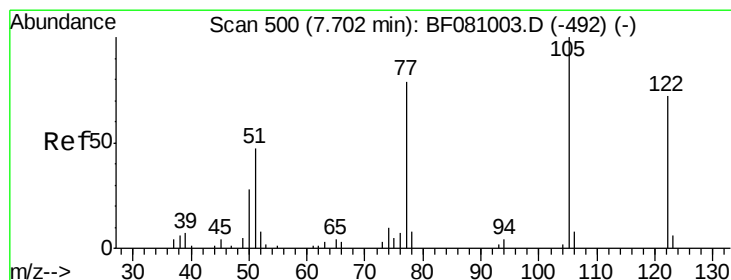
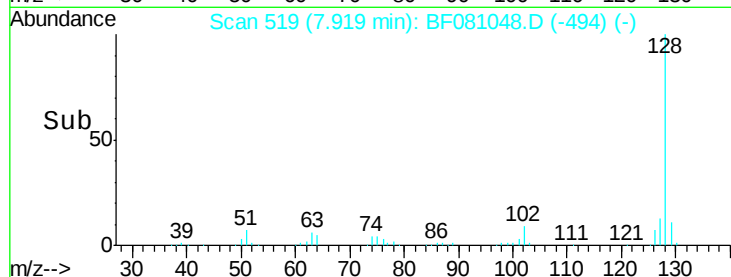
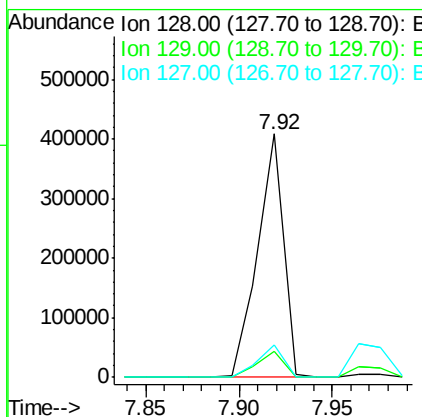
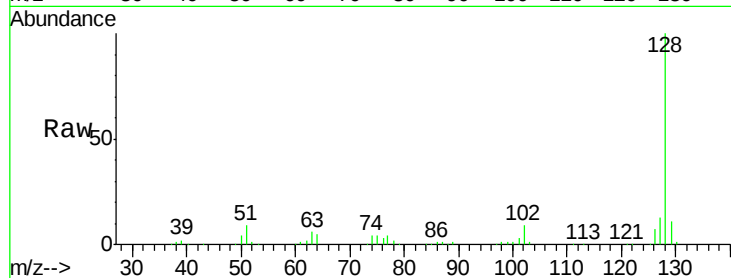




#31
Naphthalene
Concen: 32.48 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

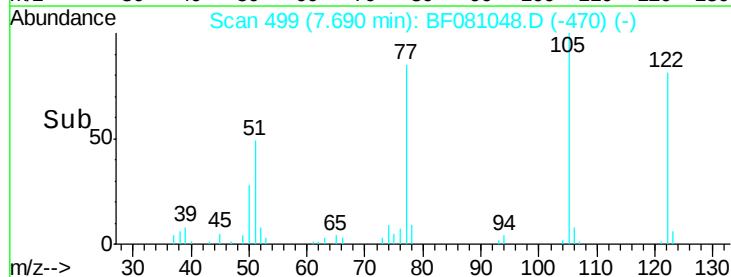
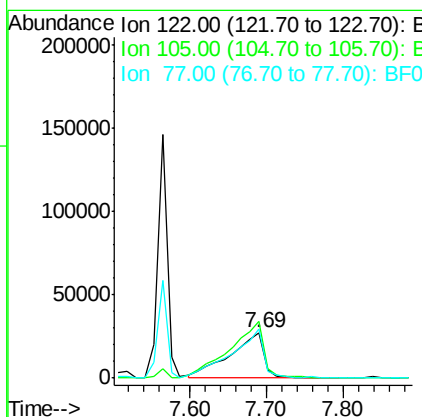
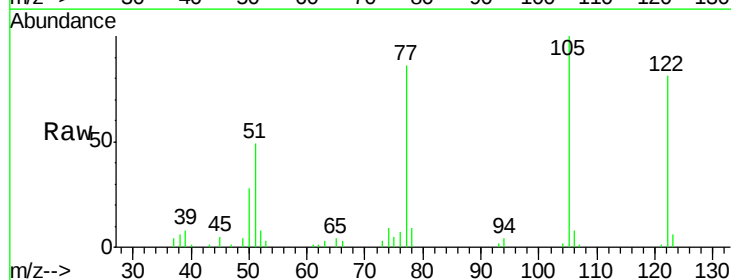
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 390732
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 41.66 ng
RT: 7.69 min Scan# 499
Delta R.T. 0.03 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:122 Resp: 85172
Ion Ratio Lower Upper
122 100
105 123.9 113.8 153.8
77 106.8 93.8 133.8

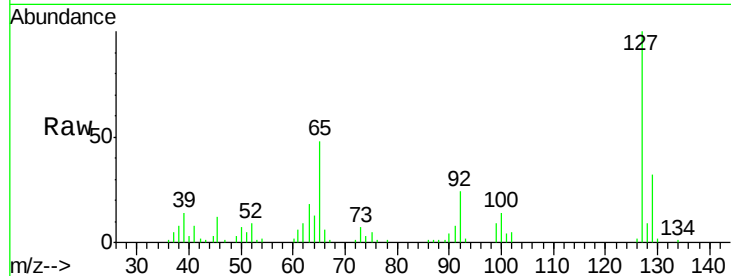




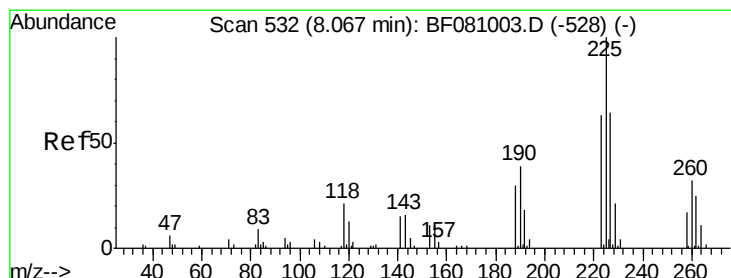
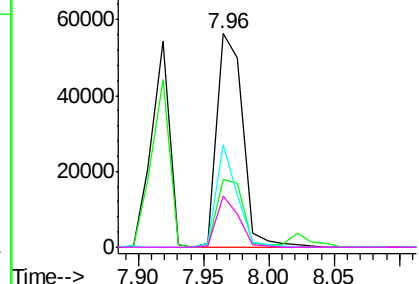
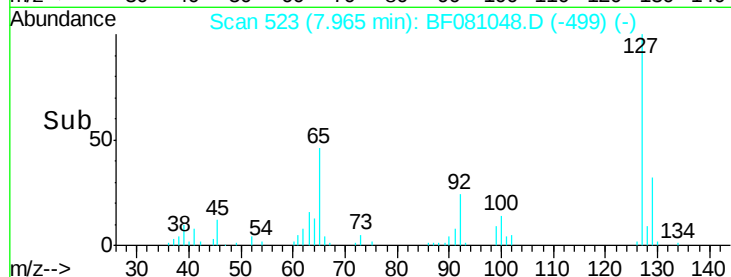
#33
4-Chloroaniline
Concen: 15.49 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	78617
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.2	37.8
65	47.8	37.8	56.6
92	23.8	19.5	29.3

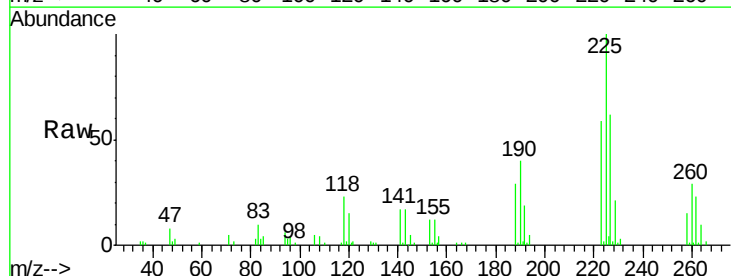


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

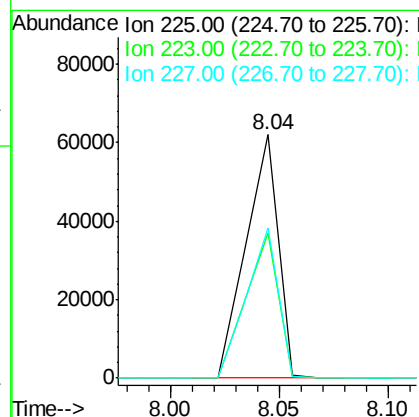
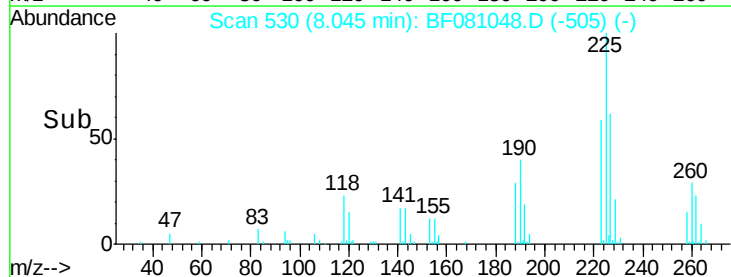


#34
Hexachlorobutadiene
Concen: 32.95 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:	225	Resp:	63358
Ion	Ratio	Lower	Upper
225	100		
223	59.5	52.6	79.0
227	61.8	51.1	76.7



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





#35

Caprolactam

Concen: 25.47 ng

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampled :

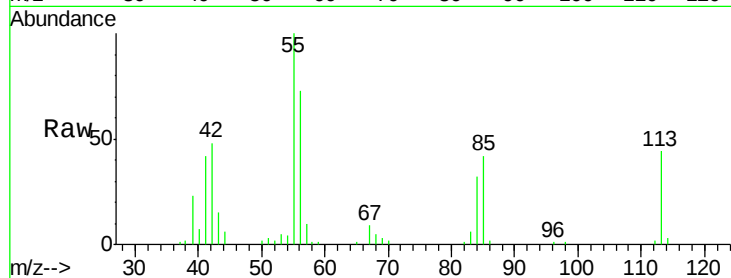
Tot Ion:113 Resp: 27235

Ion Ratio Lower Upper

113 100

55 228.8 280.4 320.4#

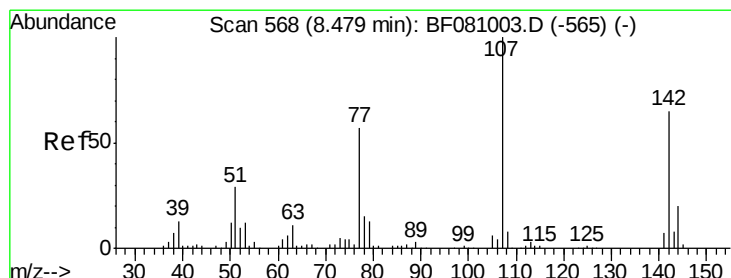
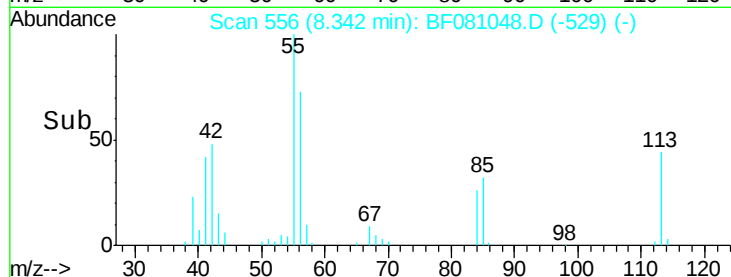
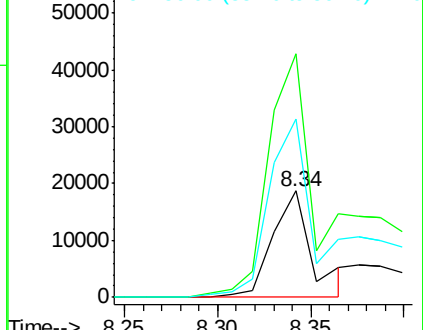
56 167.7 205.9 245.9#



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: 35.52 ng

RT: 8.46 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

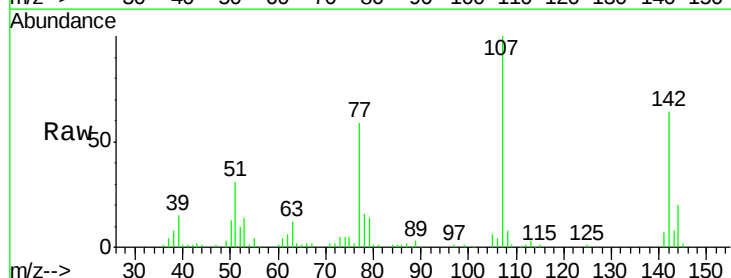
Tgt Ion:107 Resp: 129522

Ion Ratio Lower Upper

107 100

144 20.5 17.2 25.8

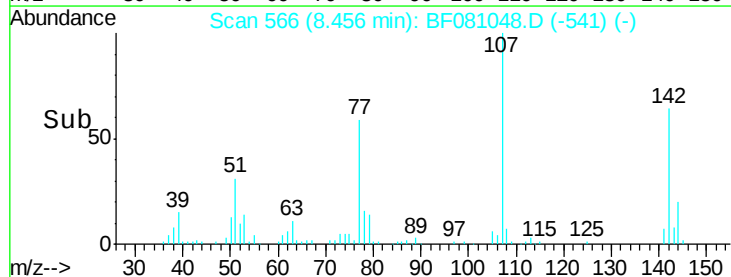
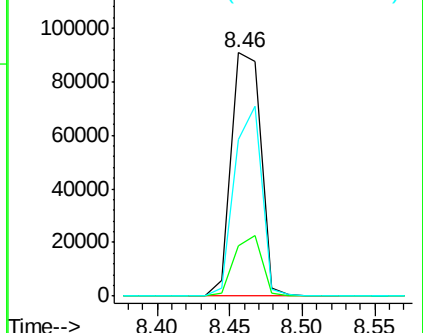
142 64.4 54.9 82.3

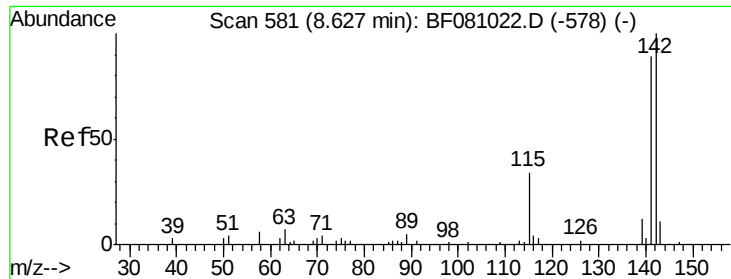


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

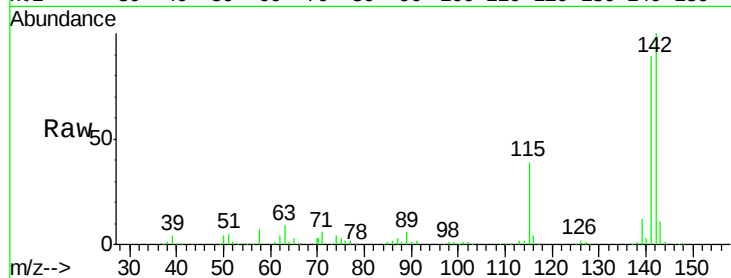




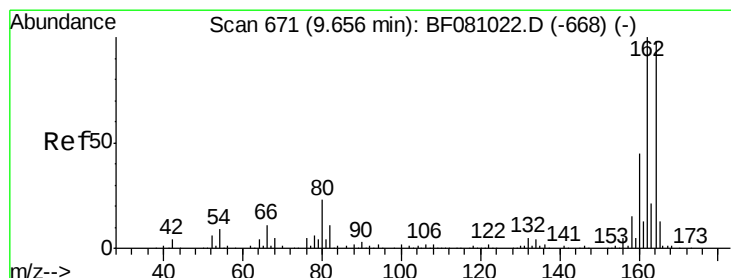
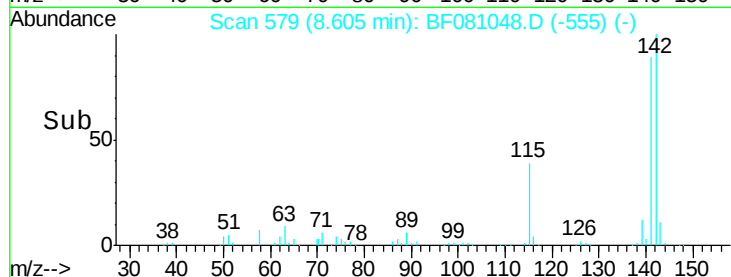
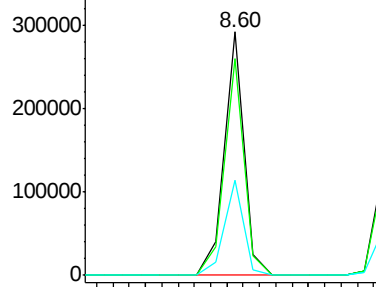
#37
2-Methylnaphthalene
Concen: 32.38 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	39.1	33.4	50.0

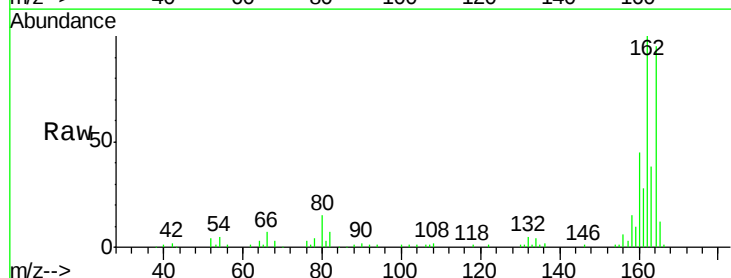


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

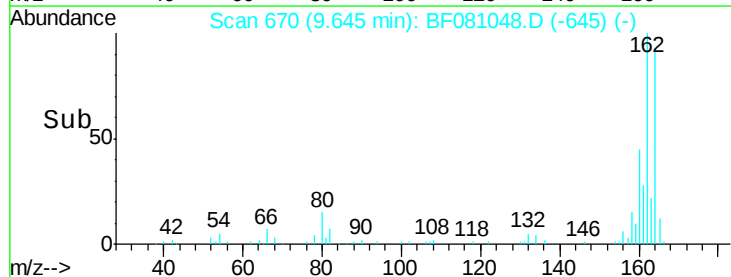
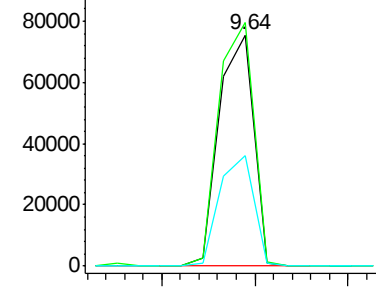


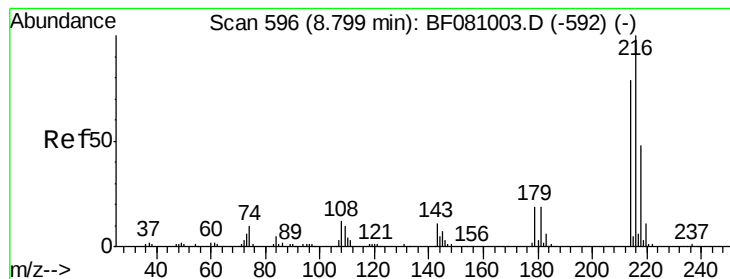
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.8	125.8
160	47.6	39.8	59.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.30 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 103980

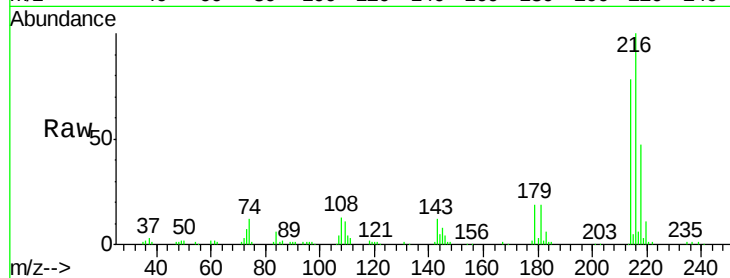
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.8

179 20.9 17.8 26.8

108 22.6 16.2 24.2

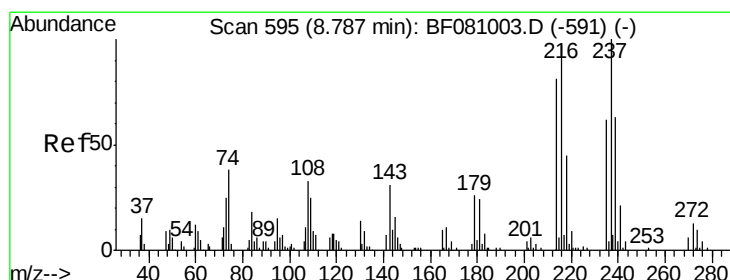
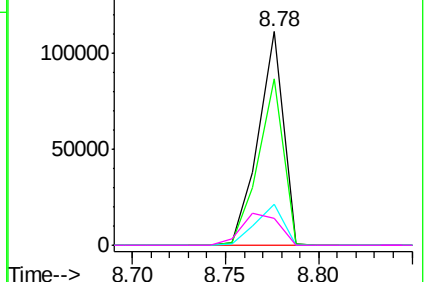
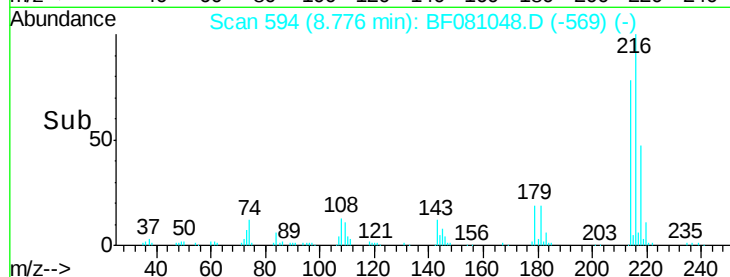


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.96 ng

RT: 8.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

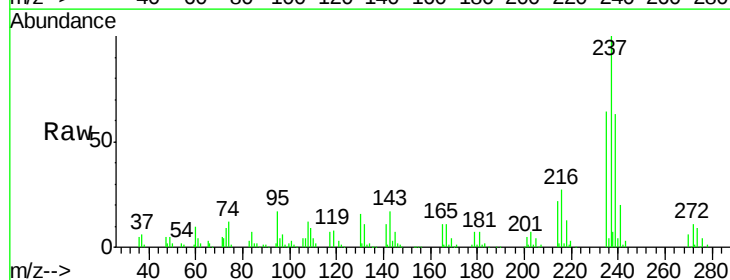
Tgt Ion:237 Resp: 122775

Ion Ratio Lower Upper

237 100

235 64.3 43.6 83.6

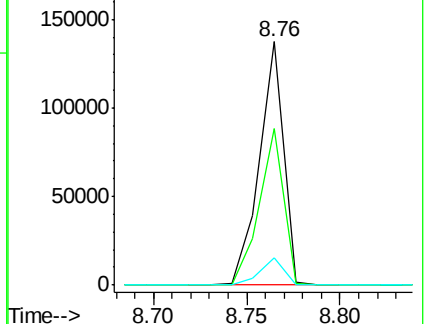
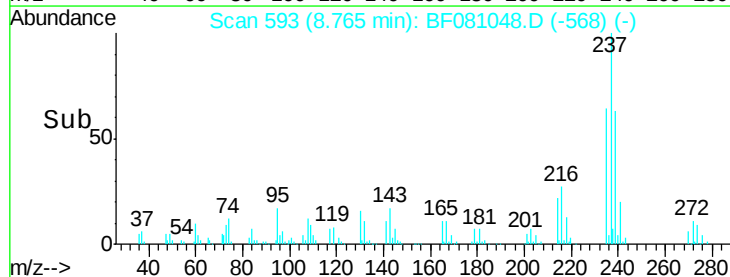
272 11.1 0.0 32.2

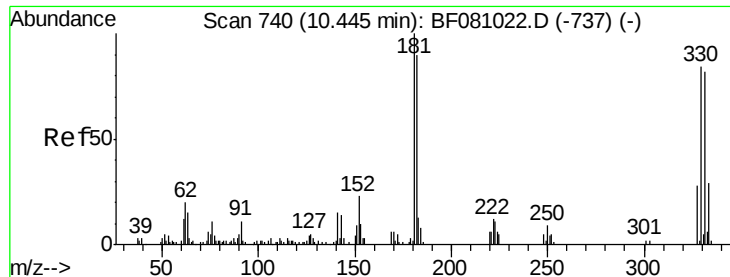


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 107.12 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

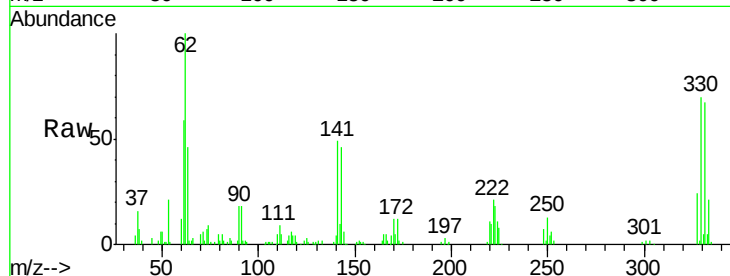
Tot Ion:330 Resp: 89875

Ion Ratio Lower Upper

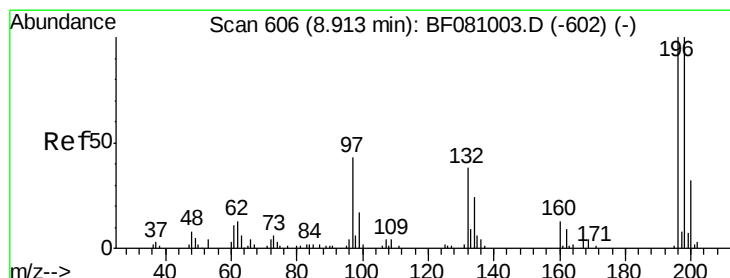
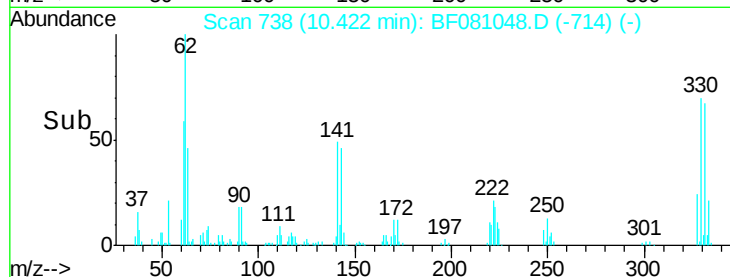
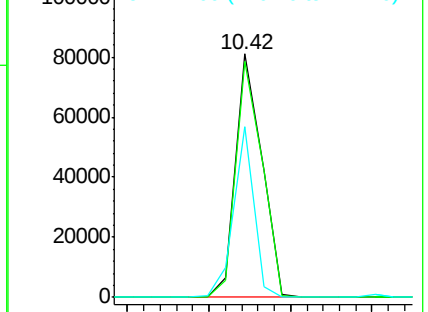
330 100

332 97.0 77.3 115.9

141 53.9 44.9 67.3



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



#42

2,4,6-Trichlorophenol

Concen: 35.66 ng

RT: 8.89 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

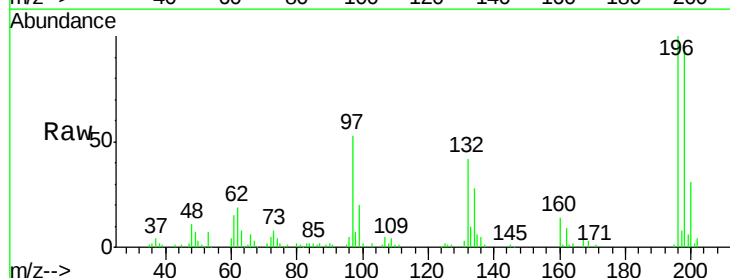
Tgt Ion:196 Resp: 78665

Ion Ratio Lower Upper

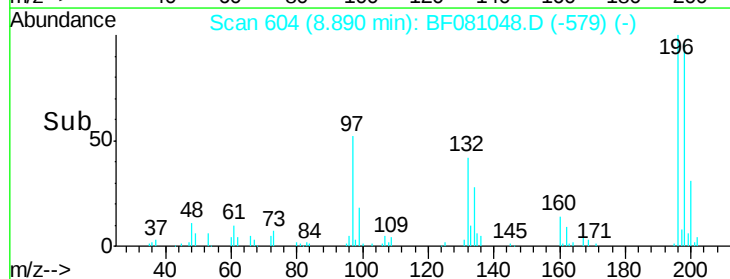
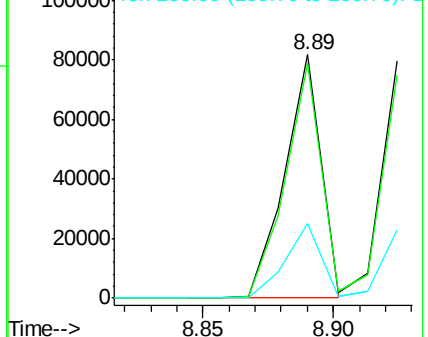
196 100

198 96.3 74.6 111.8

200 30.5 22.7 34.1



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

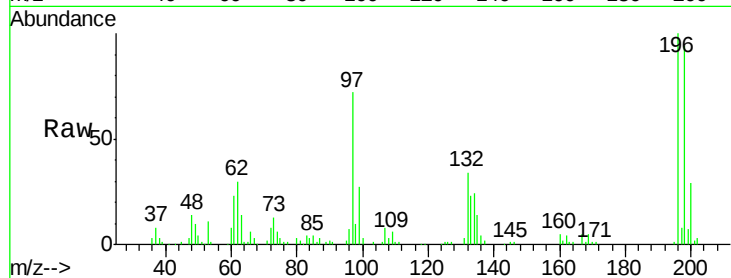




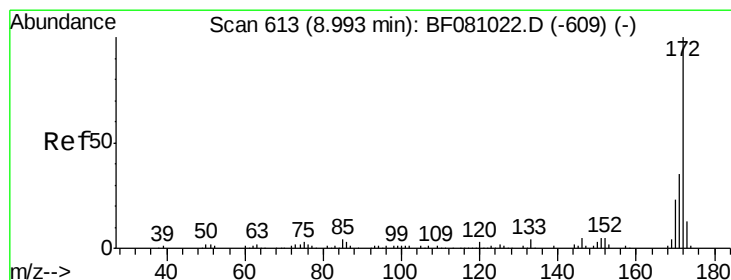
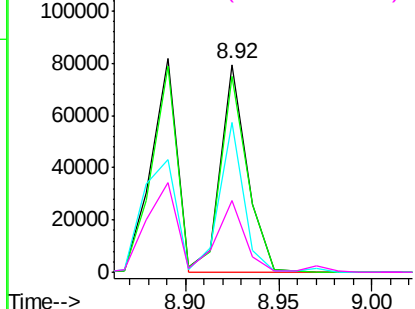
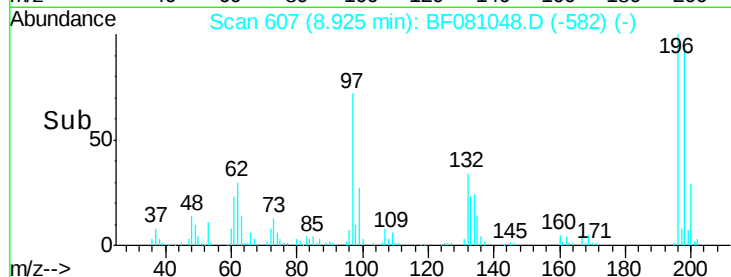
#43
 2,4,5-Trichlorophenol
 Concen: 35.90 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 79147
 Ion Ratio Lower Upper
 196 100
 198 94.0 78.3 117.5
 97 71.8 42.7 64.1#
 132 34.5 23.3 34.9

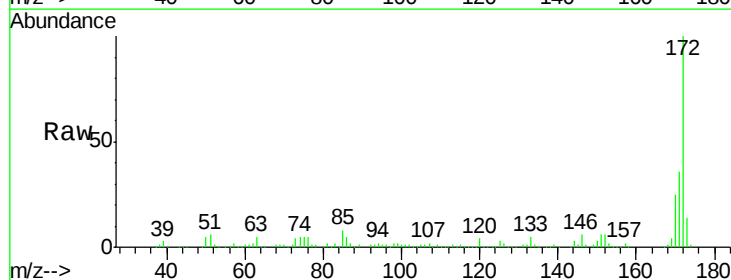


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

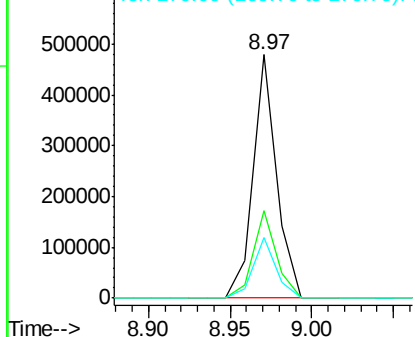
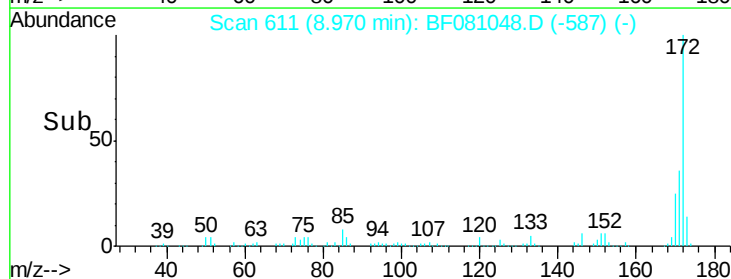


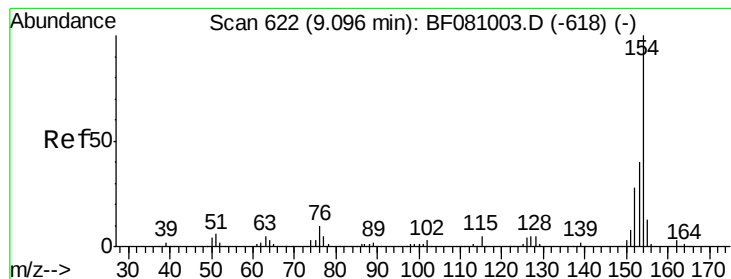
#44
 2-Fluorobiphenyl
 Concen: 64.63 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Tgt Ion:172 Resp: 477391
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.7 19.4 29.2



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





#45

1,1'-Biphenyl

Concen: 38.96 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

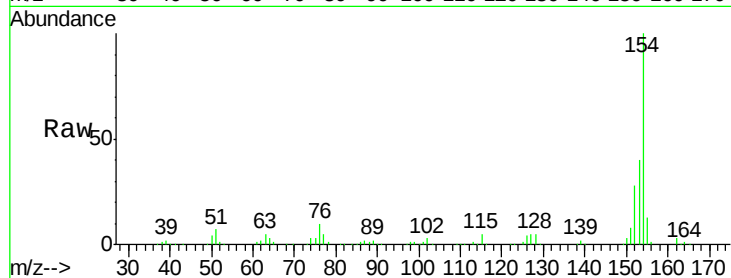
Tot Ion:154 Resp: 332180

Ion Ratio Lower Upper

154 100

153 40.1 19.5 59.5

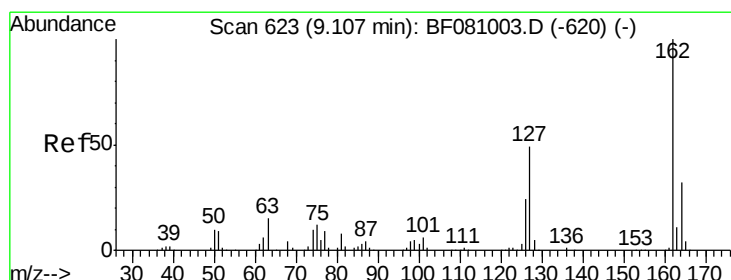
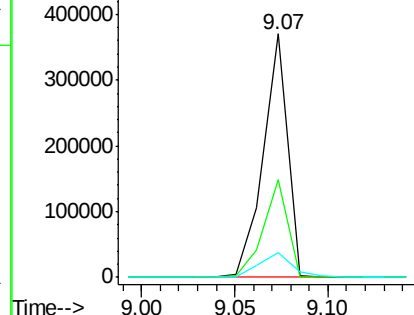
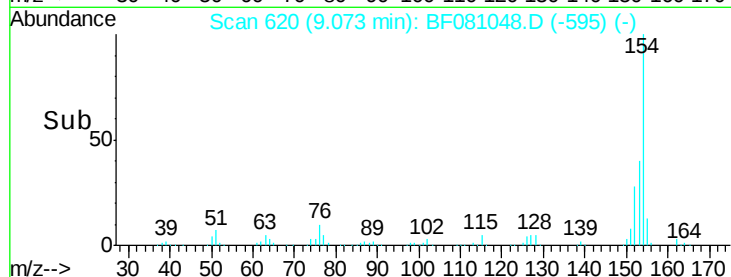
76 10.0 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 32.10 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

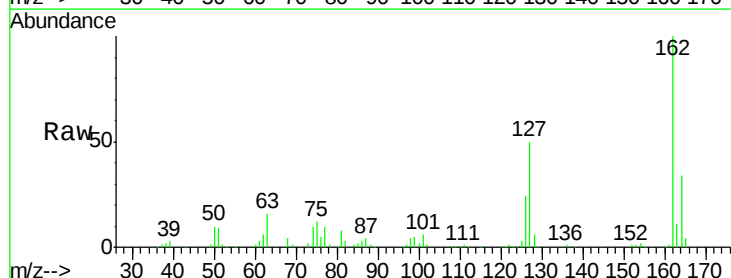
Tgt Ion:162 Resp: 219881

Ion Ratio Lower Upper

162 100

127 50.2 31.3 46.9#

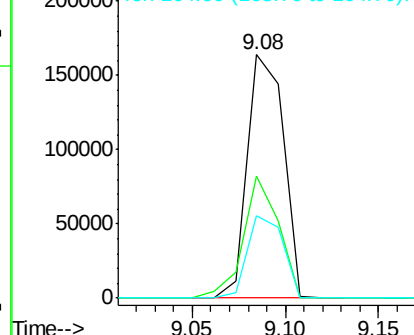
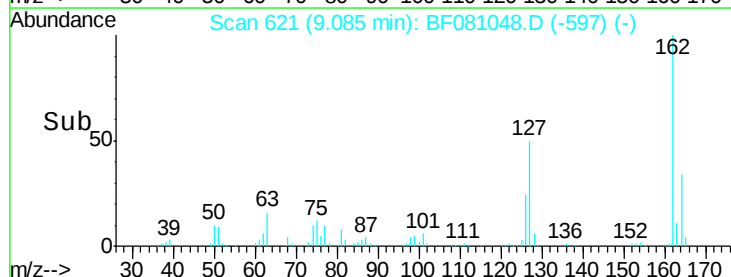
164 33.8 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 31.87 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

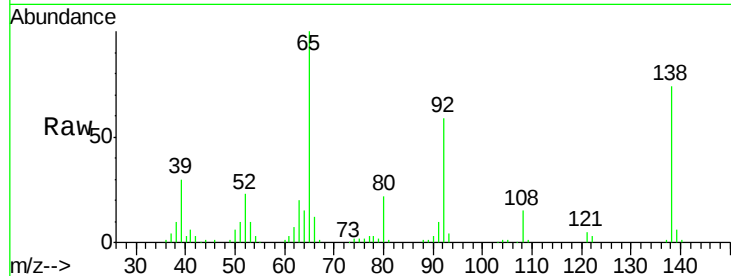
Tot Ion: 65 Resp: 89318

Ion Ratio Lower Upper

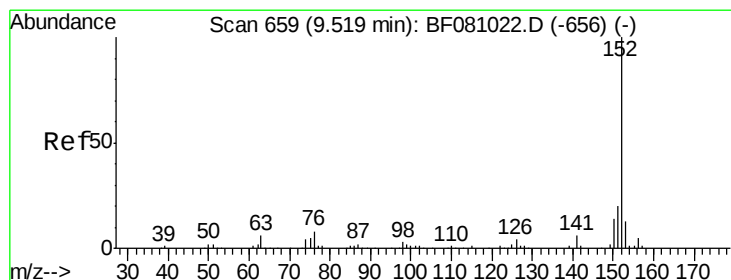
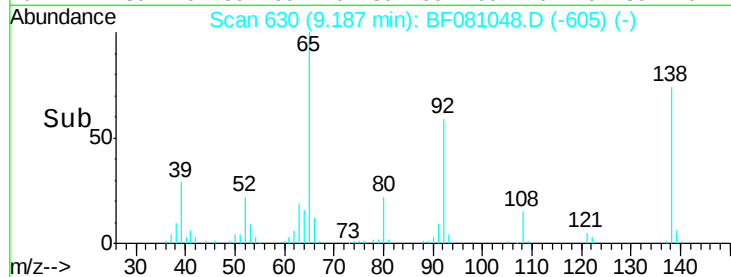
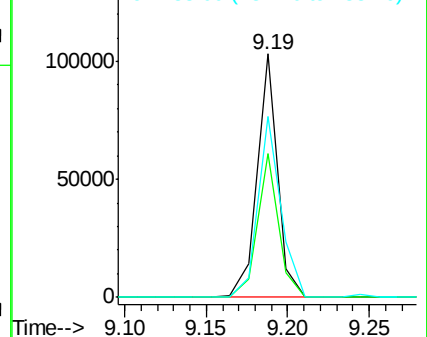
65 100

92 59.0 45.6 68.4

138 74.1 57.9 86.9



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



#48

Acenaphthylene

Concen: 29.74 ng

RT: 9.50 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

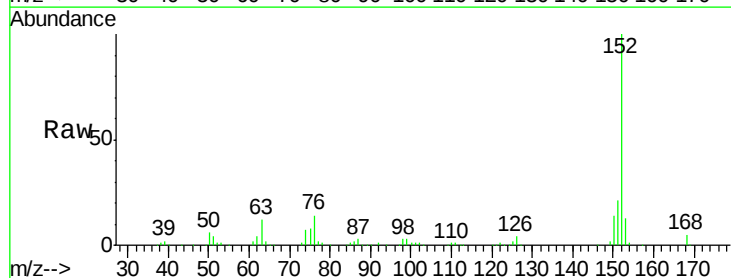
Tgt Ion: 152 Resp: 364425

Ion Ratio Lower Upper

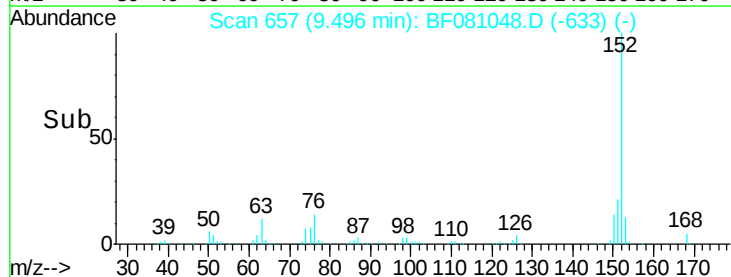
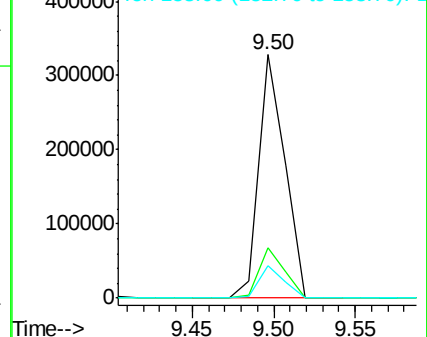
152 100

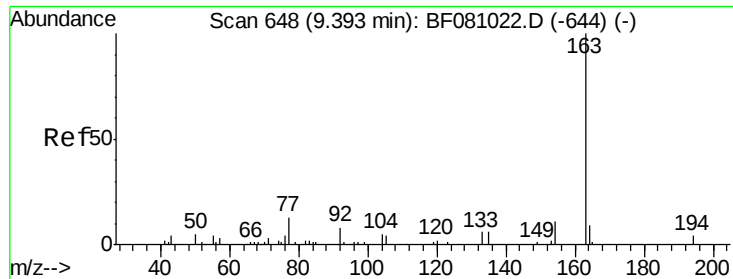
151 20.5 16.1 24.1

153 13.4 9.8 14.6



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

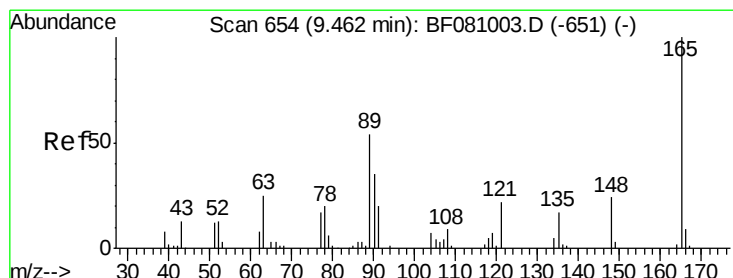
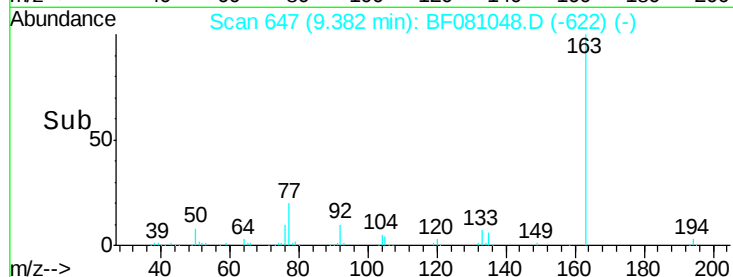
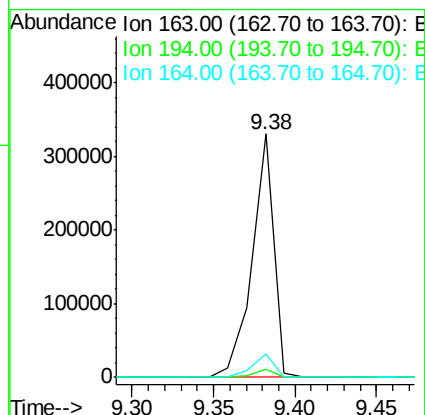
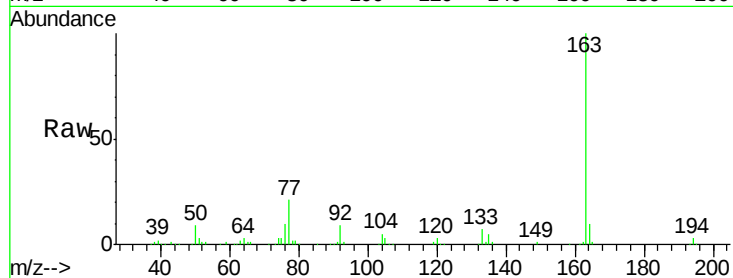




#49
Dimethylphthalate
Concen: 38.11 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

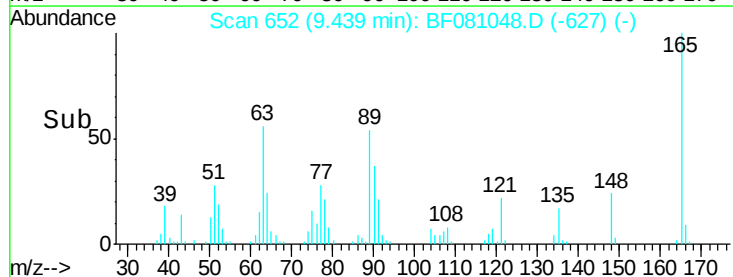
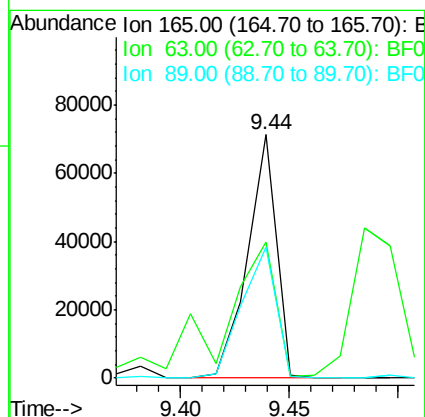
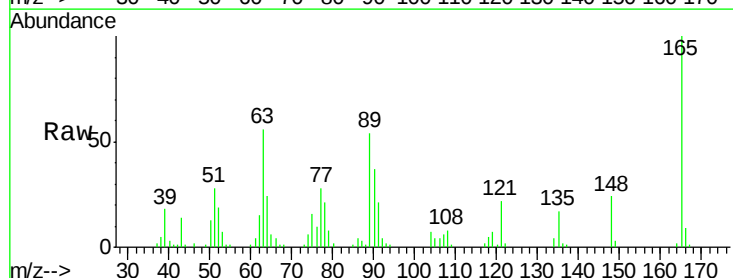
Instrument :
BNA_F
ClientSampleId :

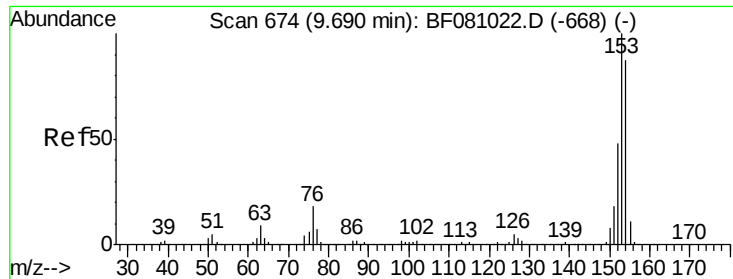
Tot Ion:163 Resp: 303753
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.5 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 38.26 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:165 Resp: 65480
Ion Ratio Lower Upper
165 100
63 56.0 49.5 74.3
89 53.5 47.6 71.4





#51

Acenaphthene

Concen: 36.04 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

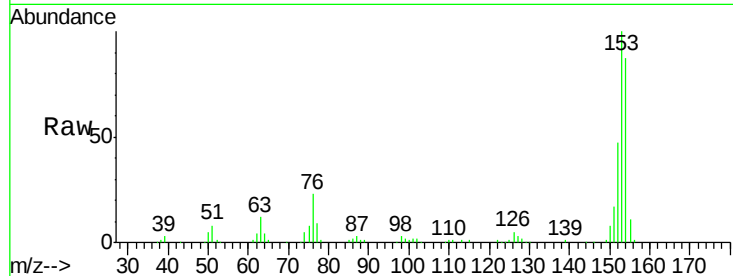
Tot Ion:154 Resp: 264359

Ion Ratio Lower Upper

154 100

153 114.8 91.4 137.2

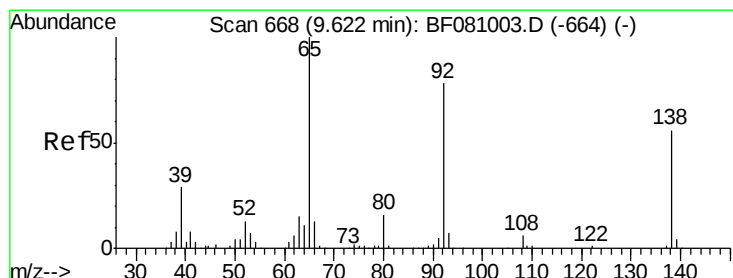
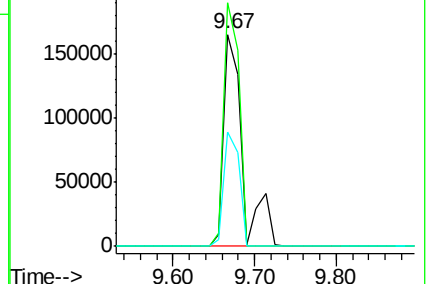
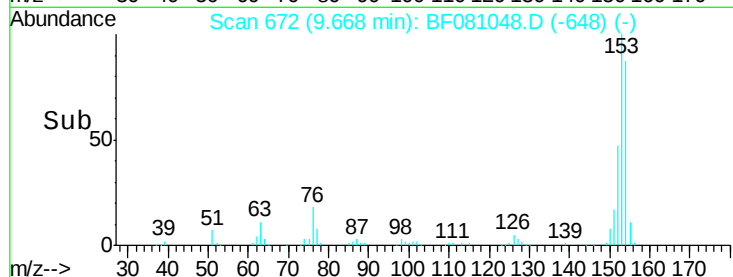
152 54.0 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.68 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

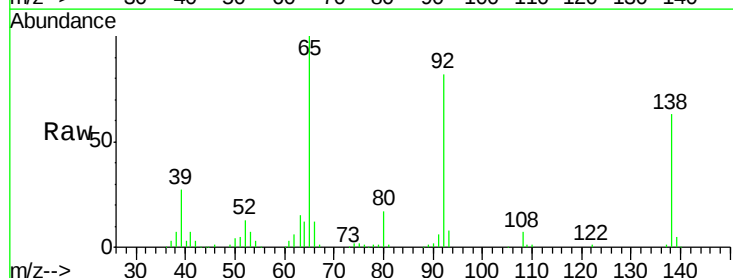
Tgt Ion:138 Resp: 52847

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.2

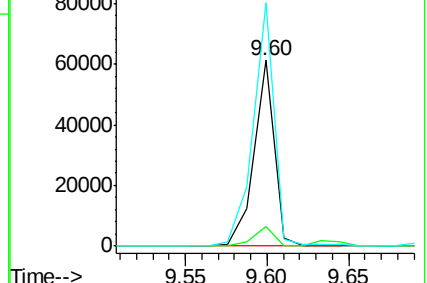
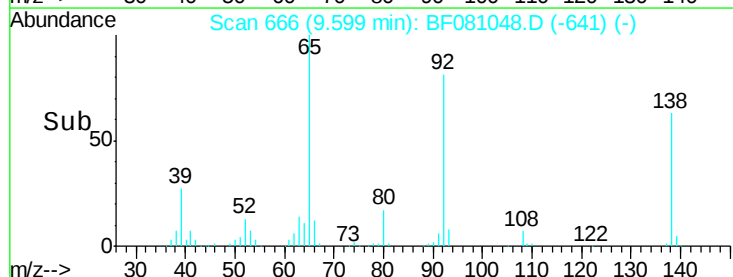
92 131.2 113.2 169.8

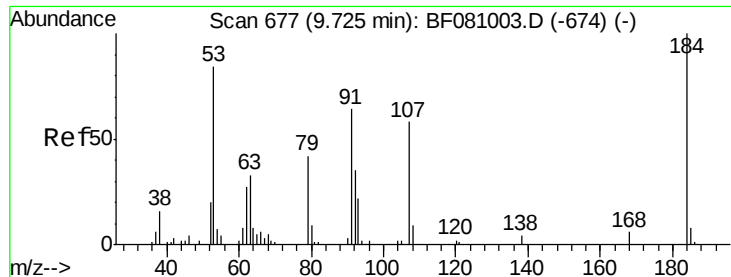


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

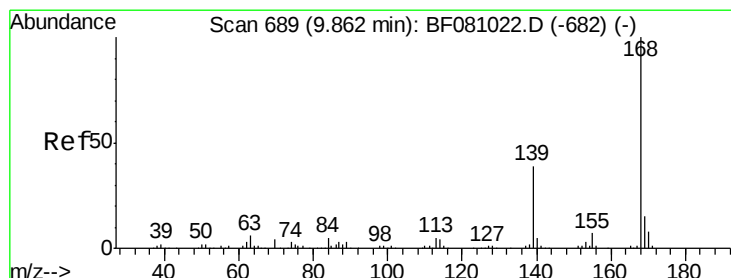
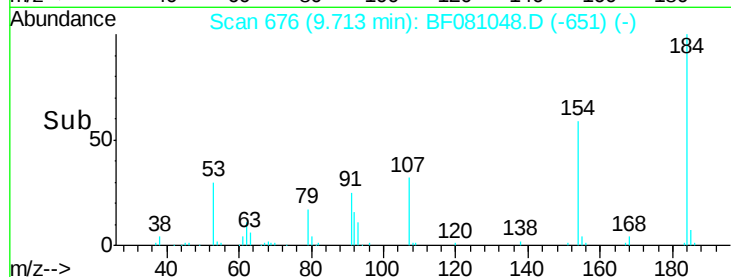
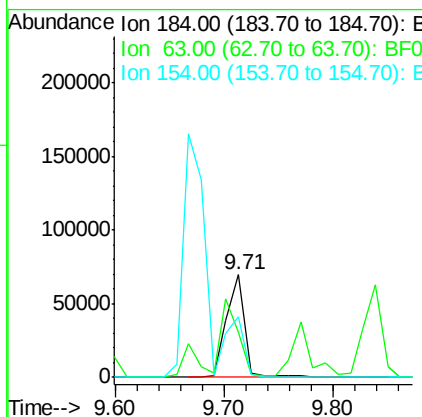
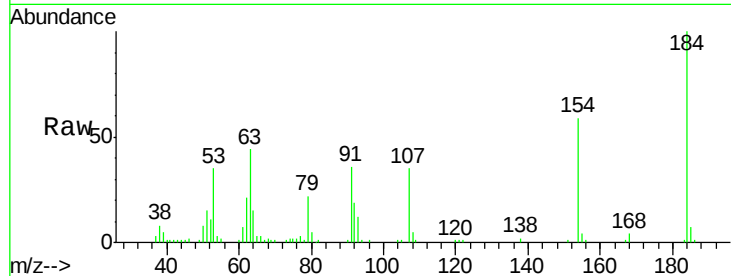




#53
2,4-Dinitrophenol
Concen: 82.80 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

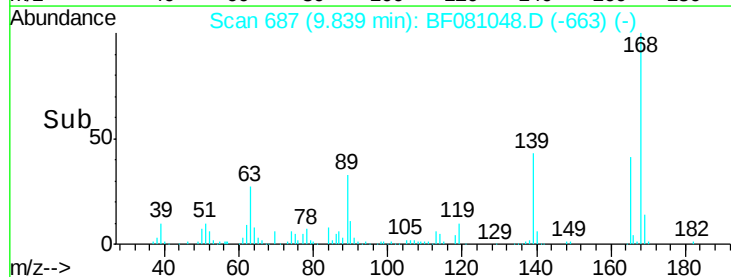
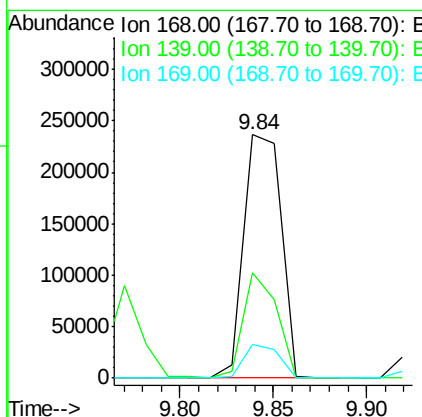
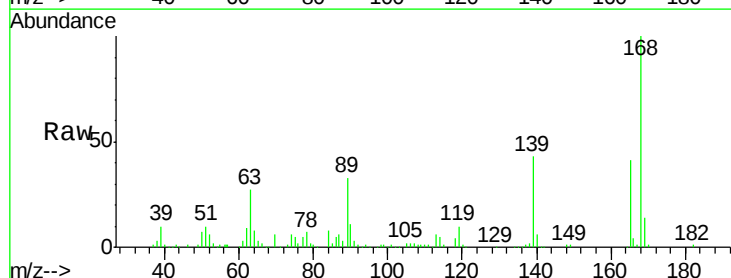
Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 79806
Ion Ratio Lower Upper
184 100
63 44.3 101.7 152.5#
154 58.7 67.4 101.0#



#54
Dibenzofuran
Concen: 33.41 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:168 Resp: 328383
Ion Ratio Lower Upper
168 100
139 43.2 29.3 43.9
169 13.9 10.3 15.5

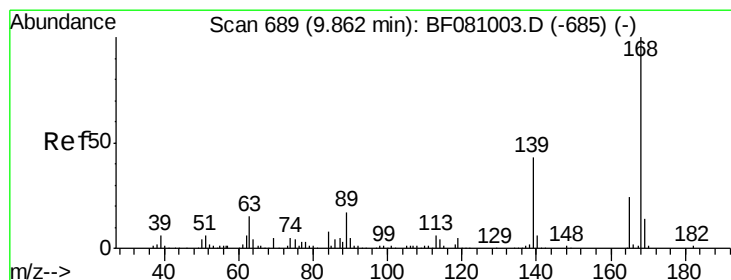
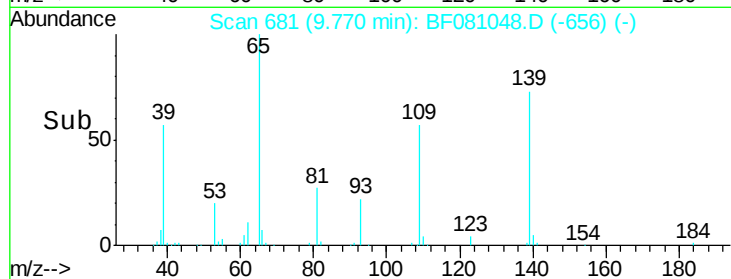
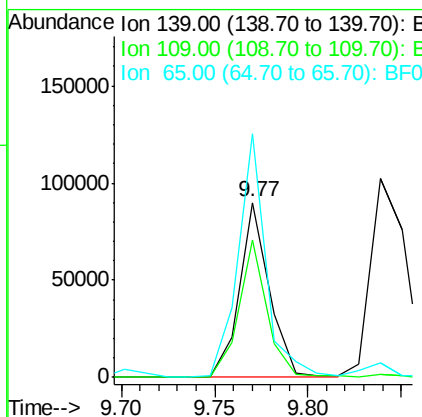
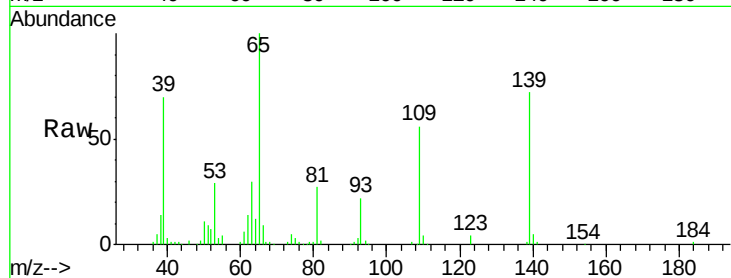




#55
4-Nitrophenol
Concen: 66.83 ng
RT: 9.77 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

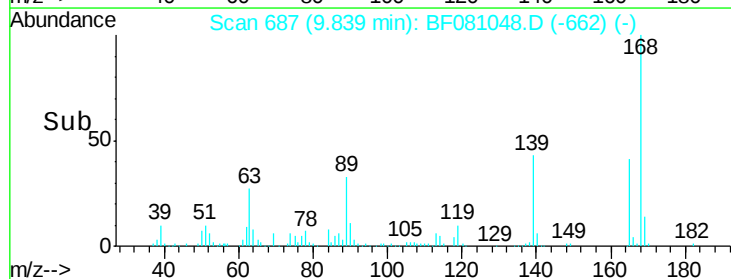
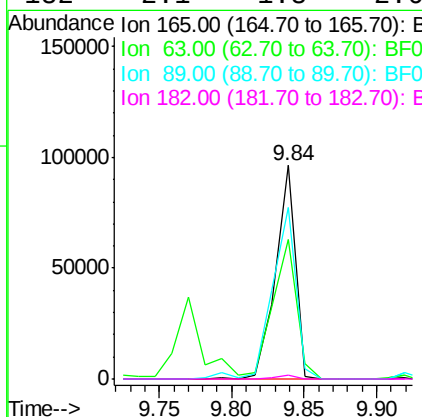
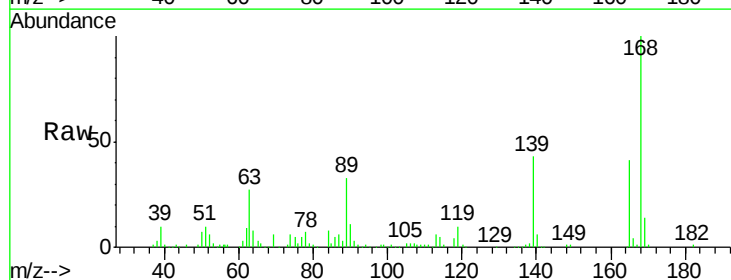
Instrument :
BNA_F
ClientSampleId :

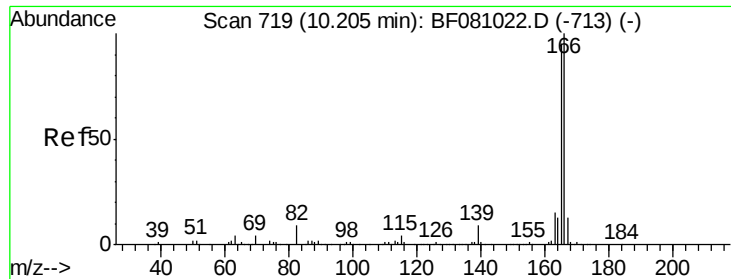
Tot Ion:139 Resp: 100527
Ion Ratio Lower Upper
139 100
109 78.4 80.0 120.0#
65 139.3 138.3 178.3



#56
2,4-Dinitrotoluene
Concen: 40.21 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:165 Resp: 91206
Ion Ratio Lower Upper
165 100
63 65.0 52.2 78.4
89 80.3 60.1 90.1
182 2.1 1.8 2.6





#57

Fluorene

Concen: 33.87 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

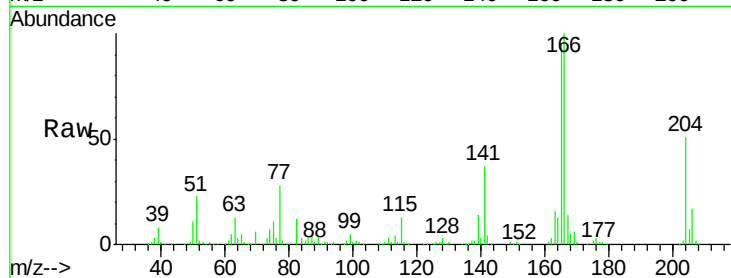
Tot Ion:166 Resp: 256126

Ion Ratio Lower Upper

166 100

165 95.0 75.8 113.8

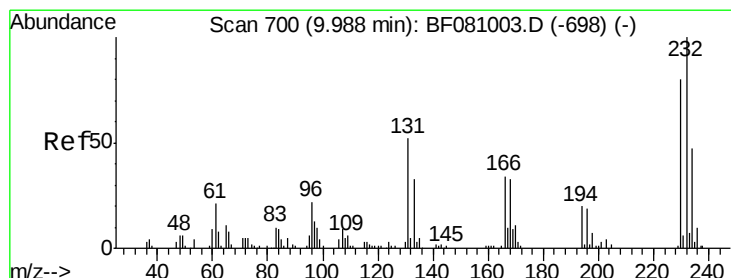
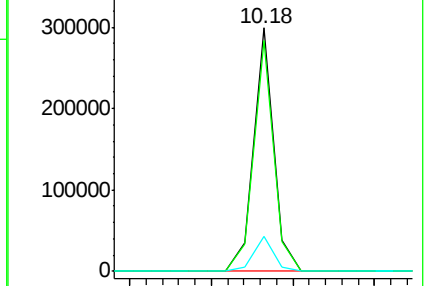
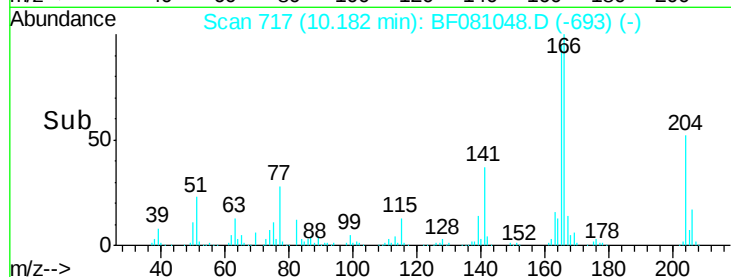
167 14.1 11.3 16.9



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: 36.56 ng

RT: 9.92 min Scan# 694

Delta R.T. -0.07 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Tgt Ion:232 Resp: 62398

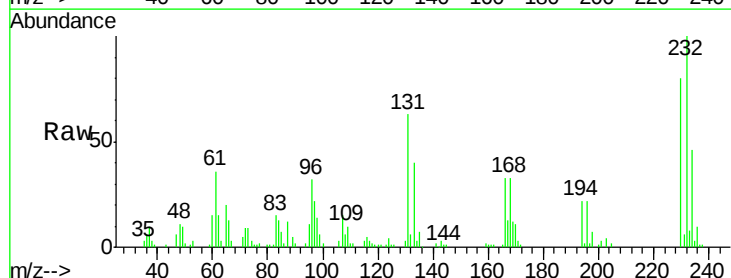
Ion Ratio Lower Upper

232 100

131 52.2 42.2 63.4

130 2.8 2.1 3.1

166 28.4 22.4 33.6

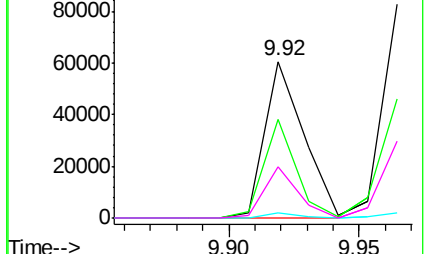
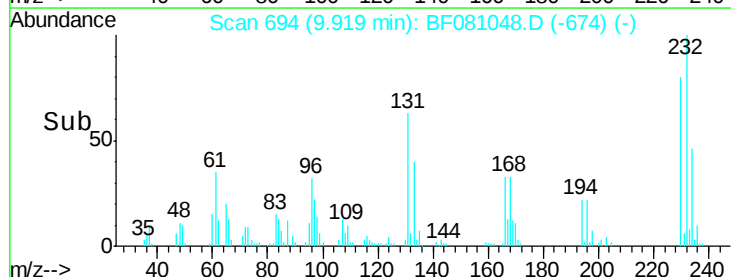


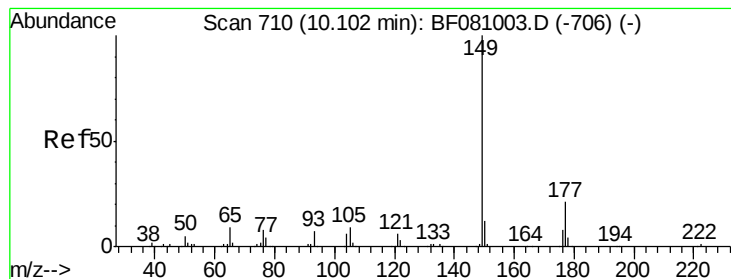
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.61 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampled :

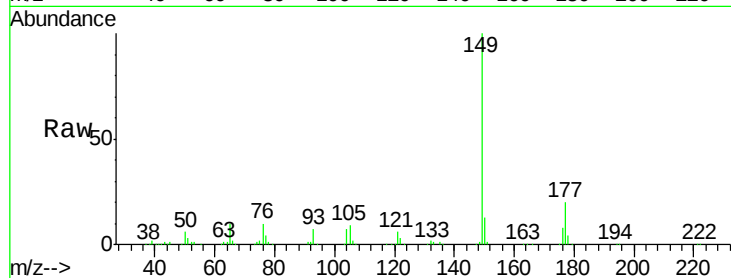
Tot Ion:149 Resp: 334190

Ion Ratio Lower Upper

149 100

177 19.9 14.1 21.1

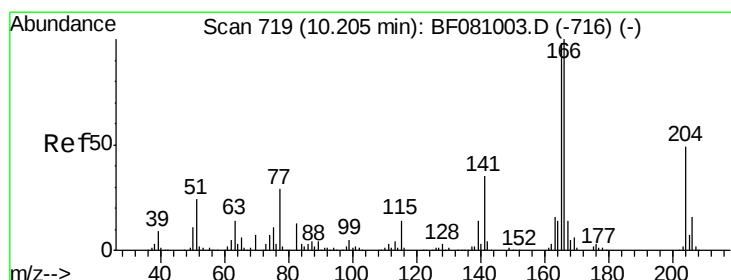
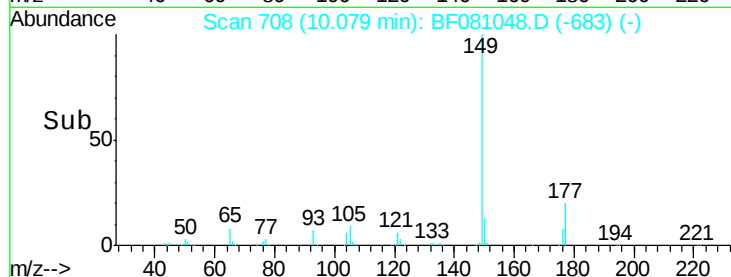
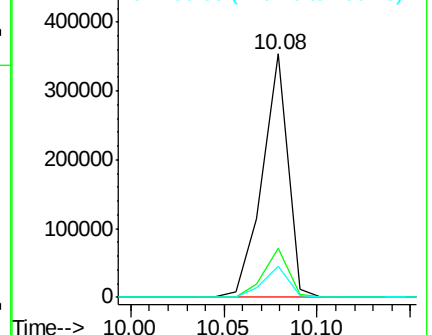
150 12.6 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.70 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

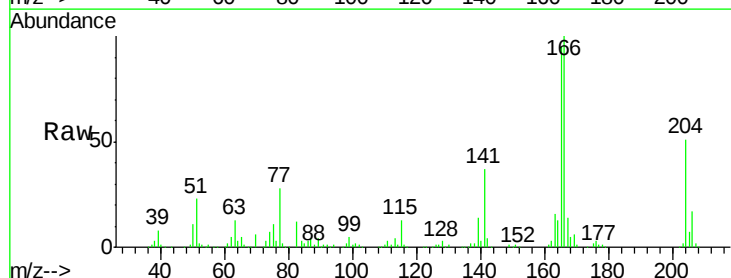
Tgt Ion:204 Resp: 123811

Ion Ratio Lower Upper

204 100

206 32.1 26.2 39.2

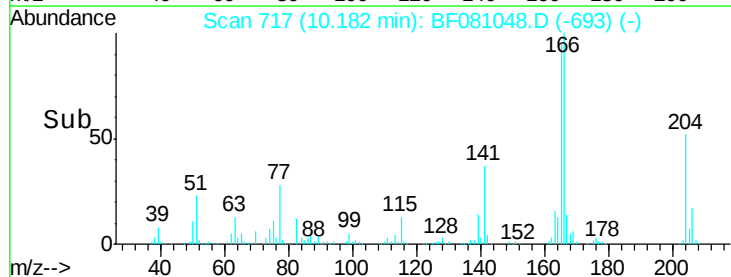
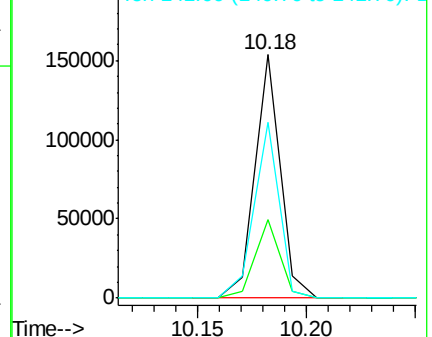
141 72.1 59.6 89.4

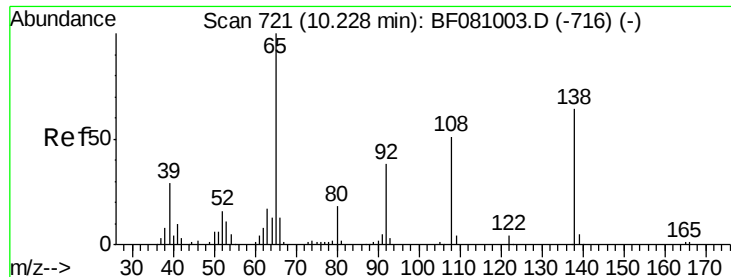


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.06 ng

RT: 10.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

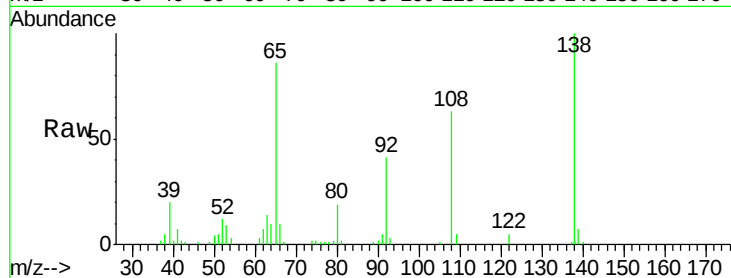
Tot Ion:138 Resp: 76752

Ion Ratio Lower Upper

138 100

92 41.3 34.7 74.7

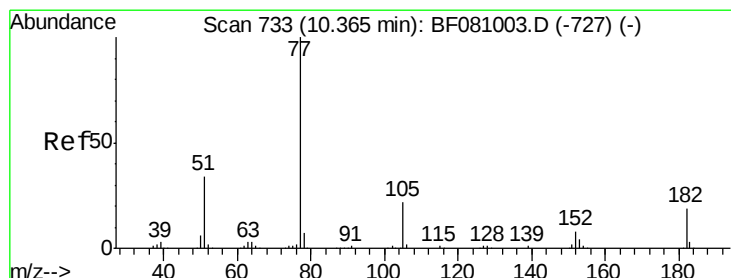
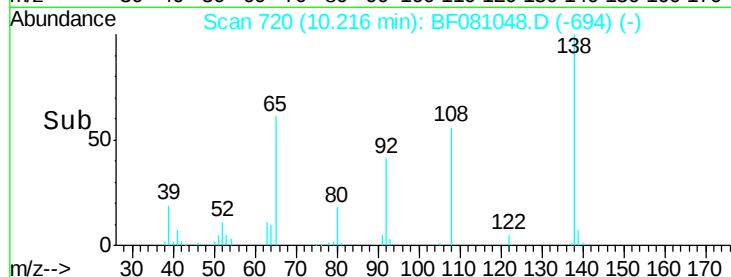
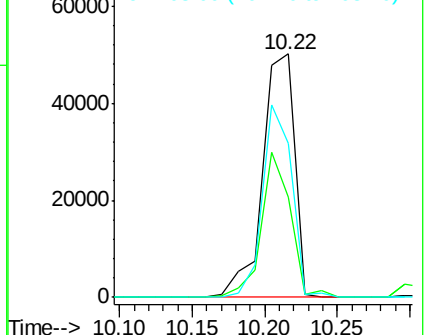
108 63.5 68.9 108.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.54 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Tgt Ion: 77 Resp: 374642

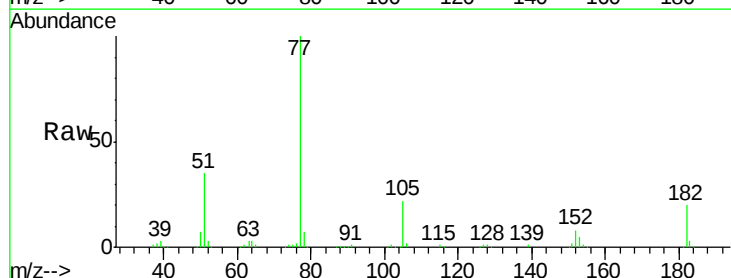
Ion Ratio Lower Upper

77 100

182 19.6 0.0 39.0

105 21.9 0.2 40.2

51 34.6 18.0 58.0

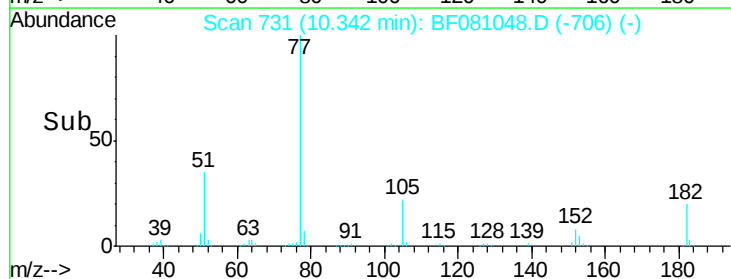
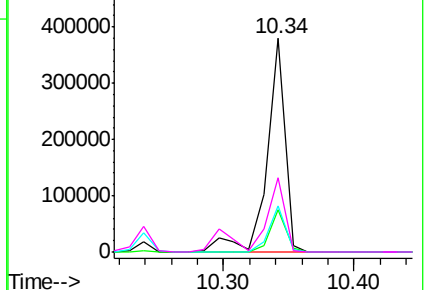


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

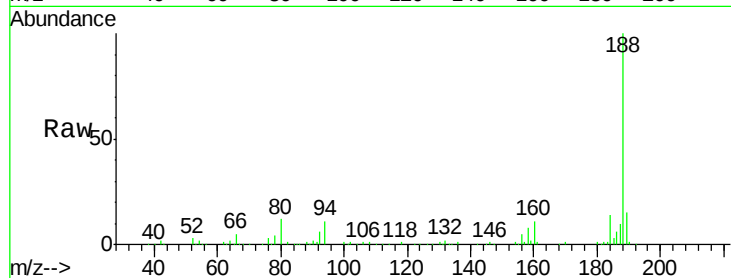




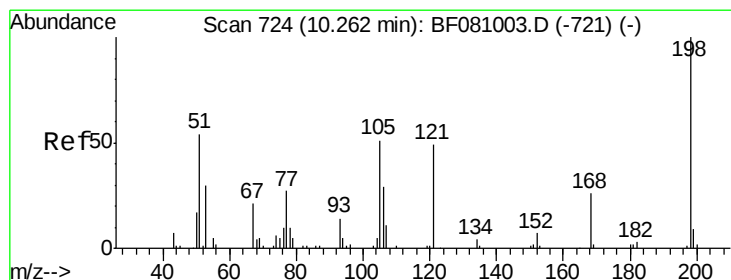
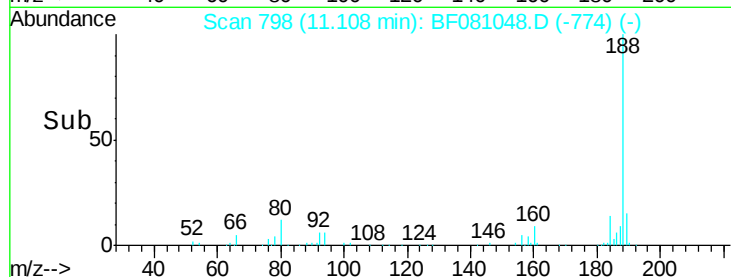
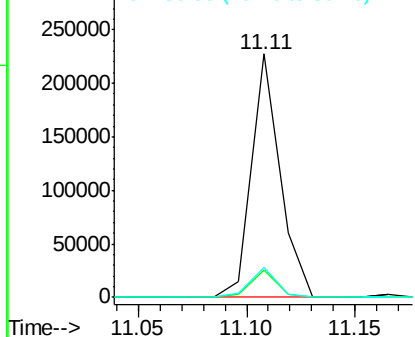
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 207805
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.2 12.2
 80 12.1 9.5 14.3

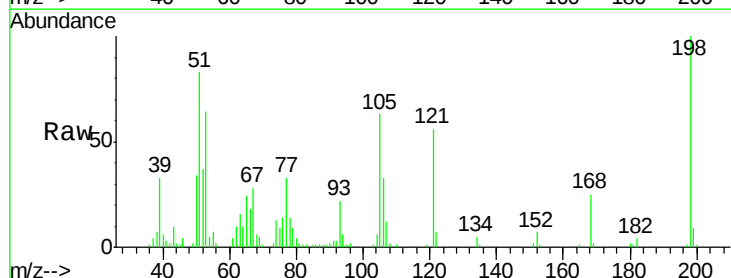


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

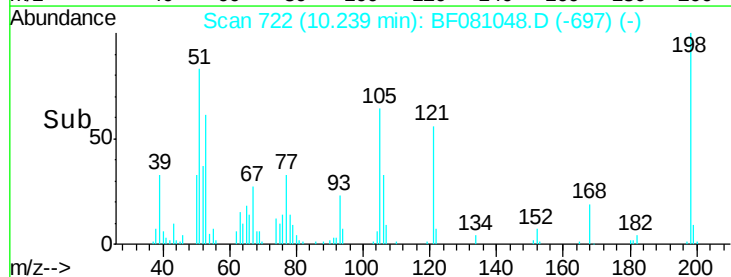
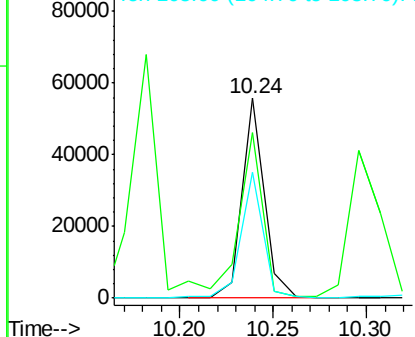


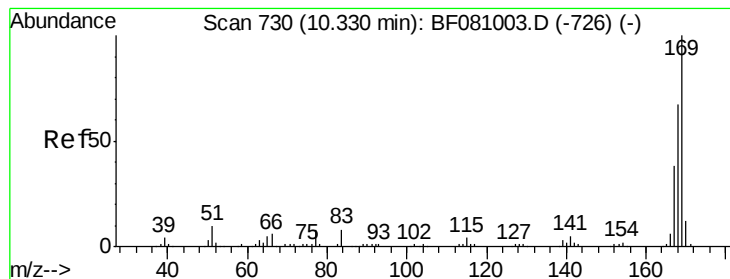
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.52 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Tgt Ion:198 Resp: 46568
 Ion Ratio Lower Upper
 198 100
 51 82.6 79.7 119.7
 105 63.3 47.0 87.0



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

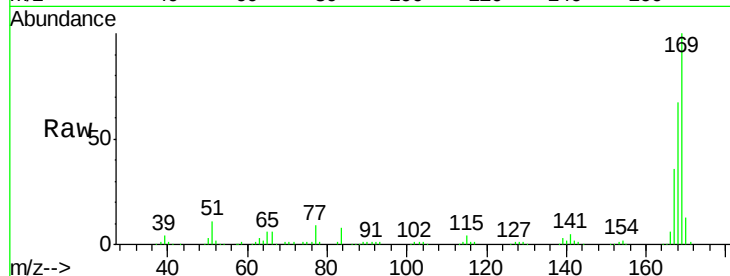




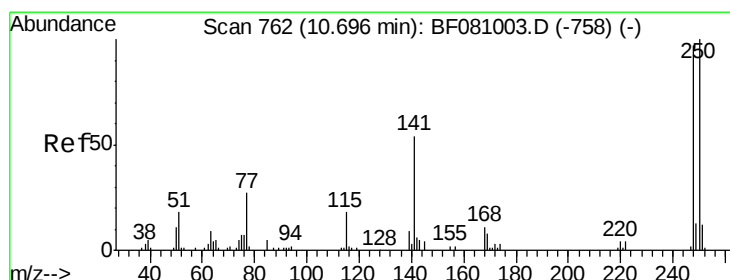
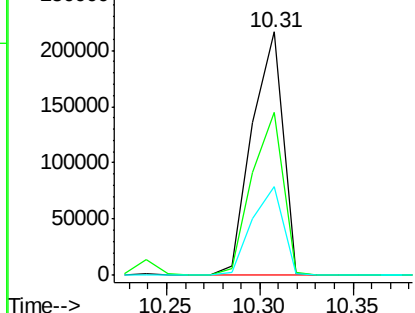
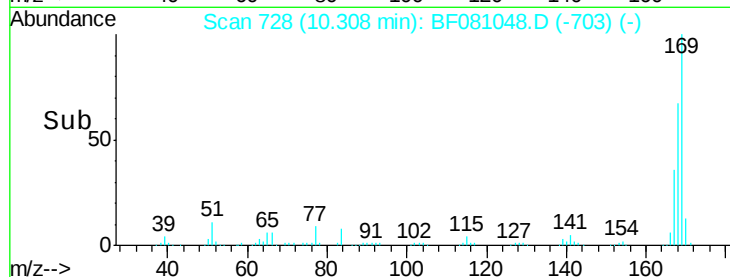
#65
 n-Nitrosodiphenylamine
 Concen: 33.59 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	169	Resp	249138
Ion Ratio	100	Lower	Upper
169	100		
168	66.7	55.3	82.9
167	36.2	30.8	46.2

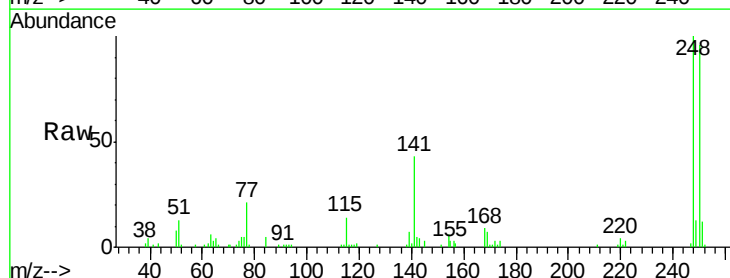


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

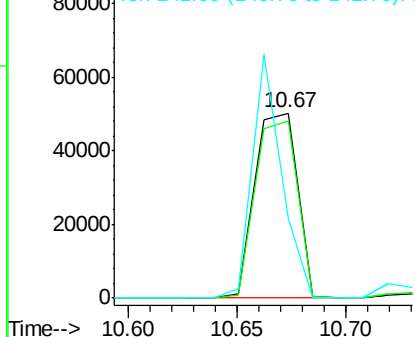
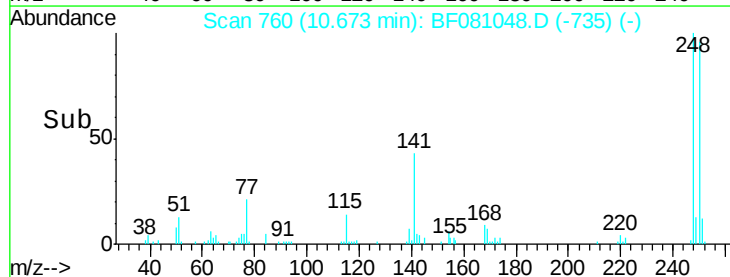


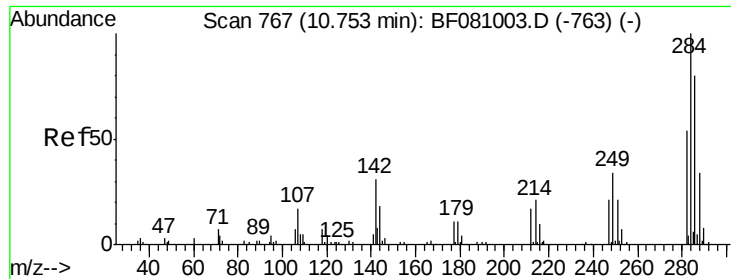
#66
 4-Bromophenyl-phenylether
 Concen: 33.65 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Tgt Ion	248	Resp	68699
Ion Ratio	100	Lower	Upper
248	100		
250	95.9	77.8	116.6
141	43.4	39.8	59.6



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

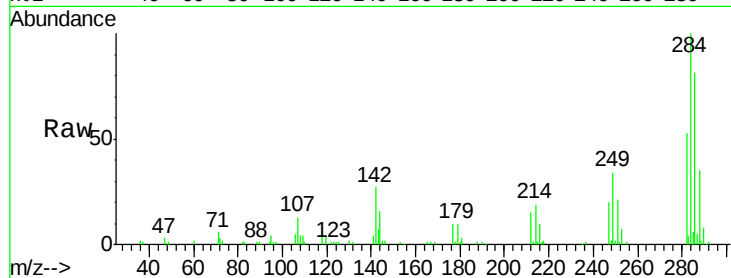




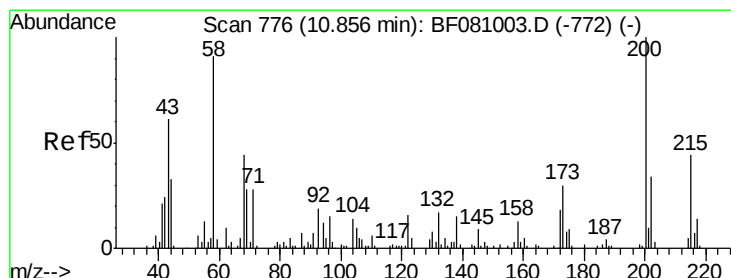
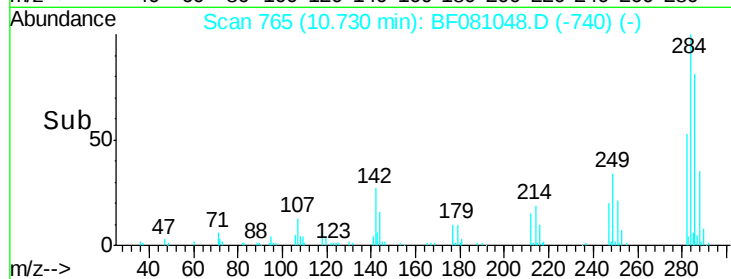
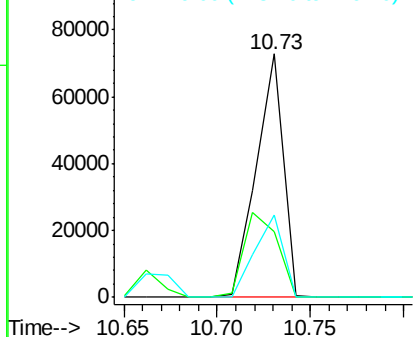
#67
Hexachlorobenzene
Concen: 35.17 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 72716
Ion Ratio Lower Upper
284 100
142 26.8 25.4 38.0
249 33.7 28.5 42.7

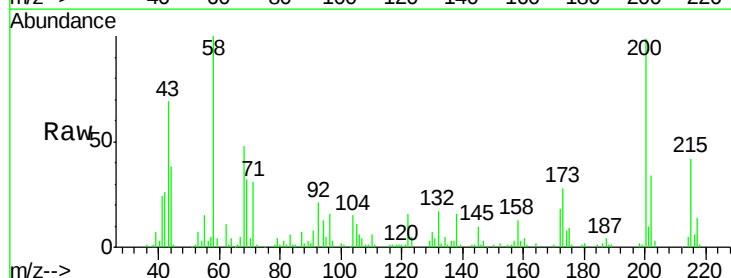


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

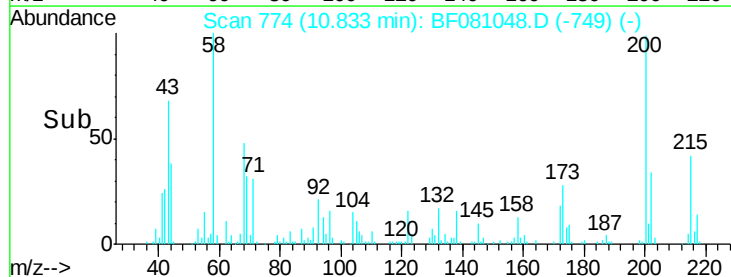
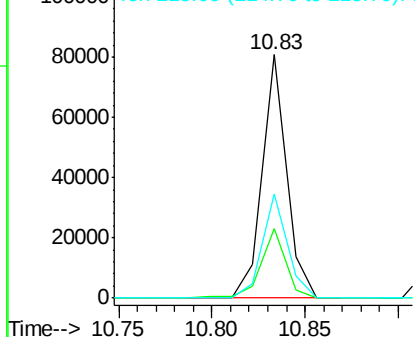


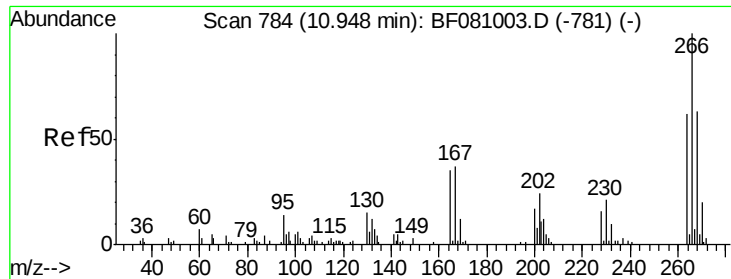
#68
Atrazine
Concen: 35.15 ng
RT: 10.83 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion:200 Resp: 72654
Ion Ratio Lower Upper
200 100
173 28.6 8.1 48.1
215 42.6 23.3 63.3



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

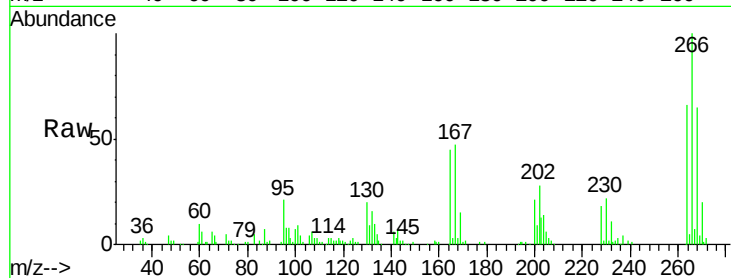




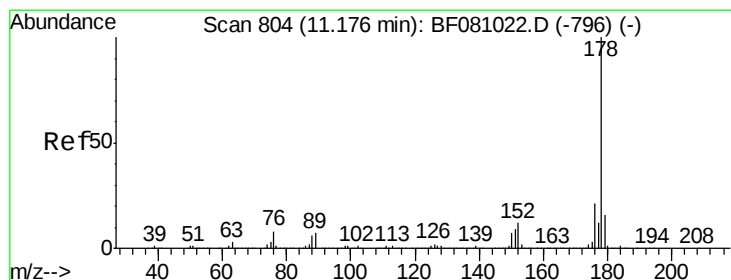
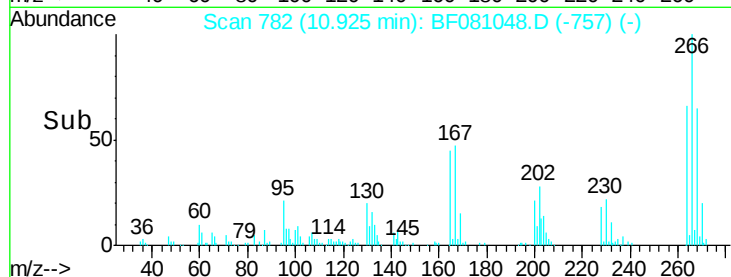
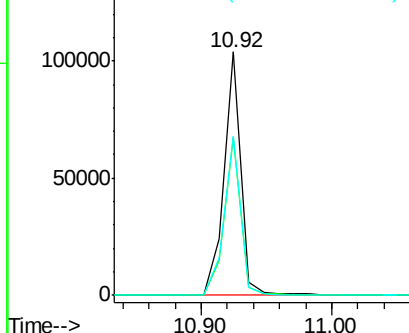
#69
 Pentachlorophenol
 Concen: 75.49 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.2	76.8
264	65.5	50.6	75.8

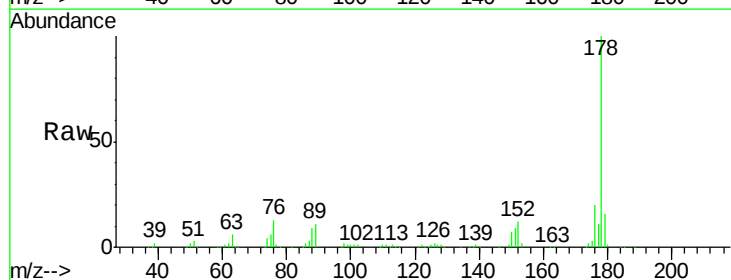


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

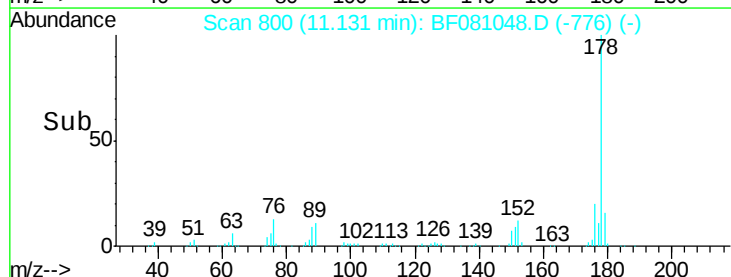
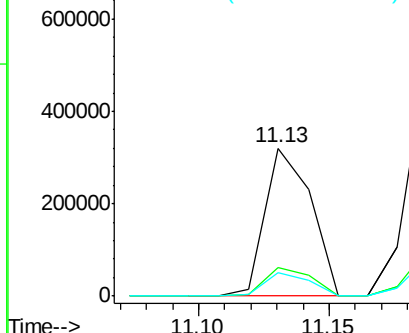


#70
 Phenanthrene
 Concen: 31.61 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.5	12.2	18.2



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





#71

Anthracene

Concen: 37.20 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

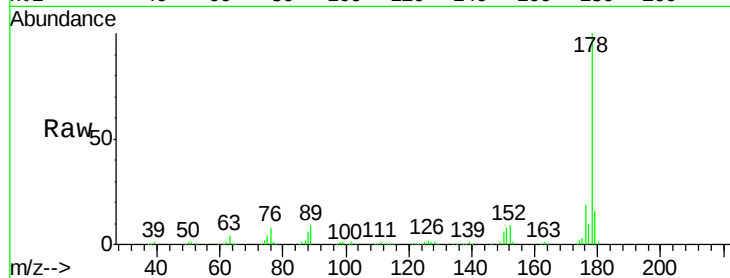
Tot Ion:178 Resp: 445755

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

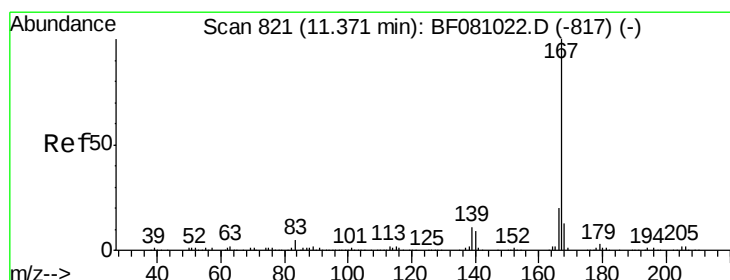
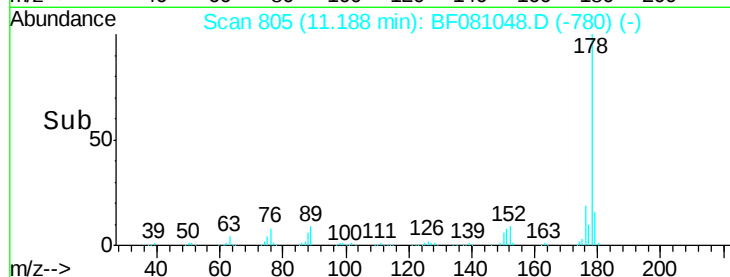
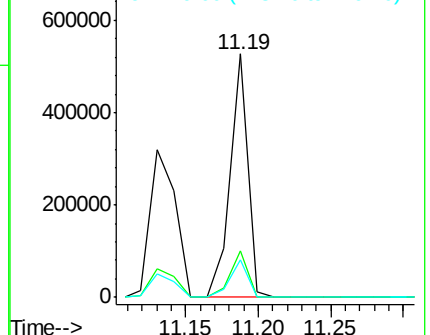
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.97 ng

RT: 11.35 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

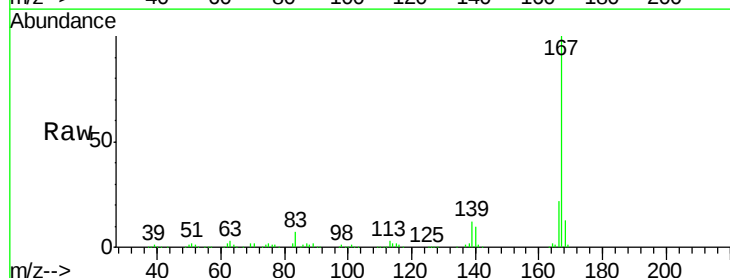
Tgt Ion:167 Resp: 449595

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

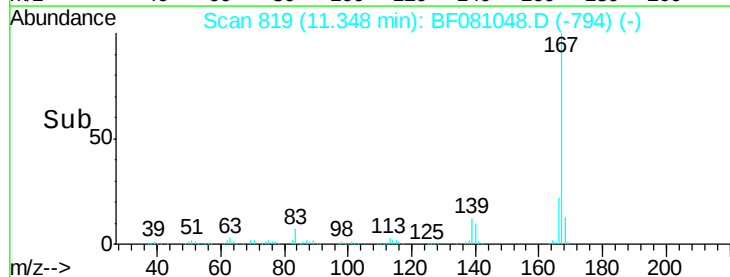
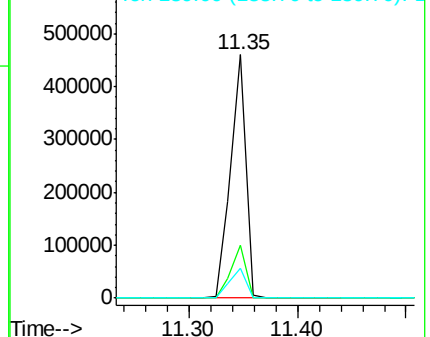
139 12.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.75 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

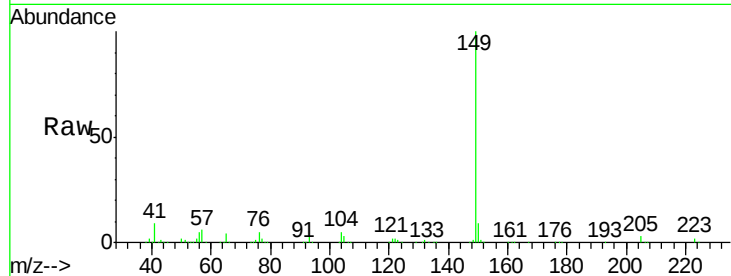
Tot Ion:149 Resp: 541020

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

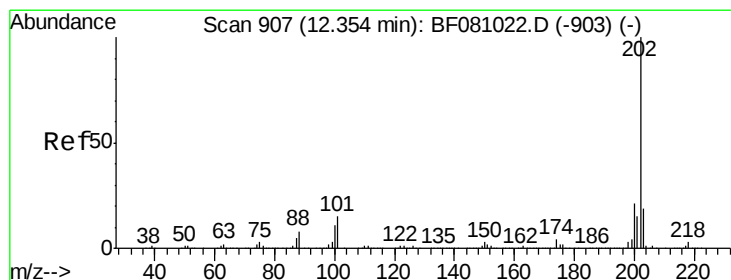
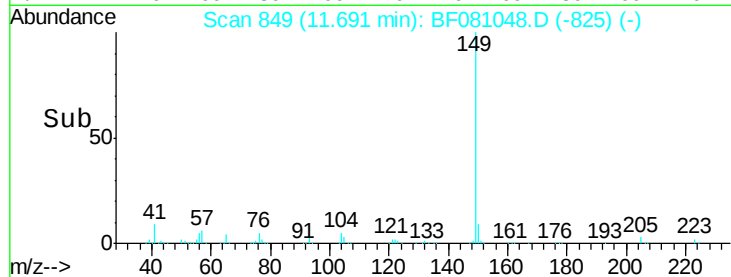
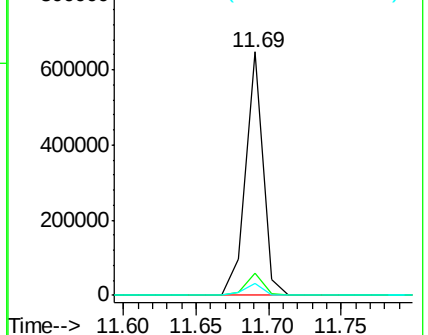
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.57 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

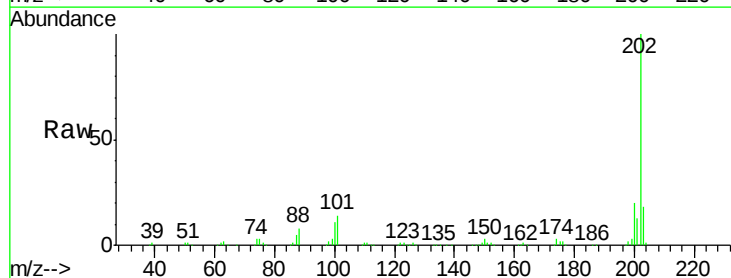
Tgt Ion:202 Resp: 432829

Ion Ratio Lower Upper

202 100

101 14.0 0.0 24.8

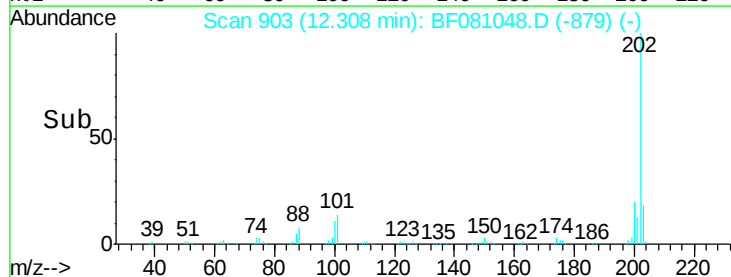
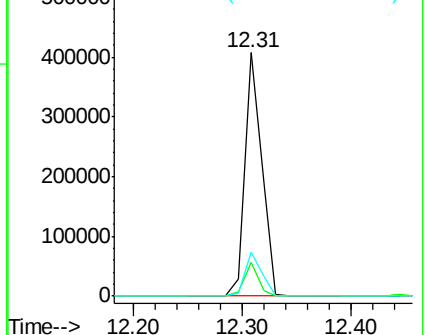
203 17.9 0.0 36.9

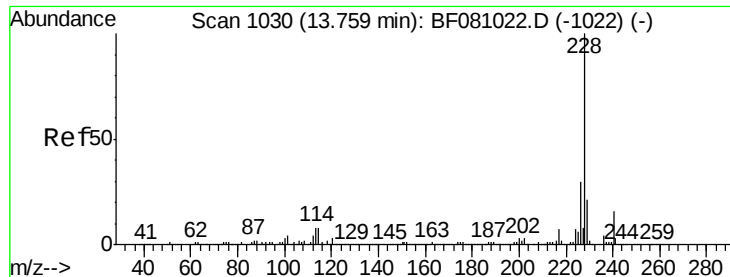


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

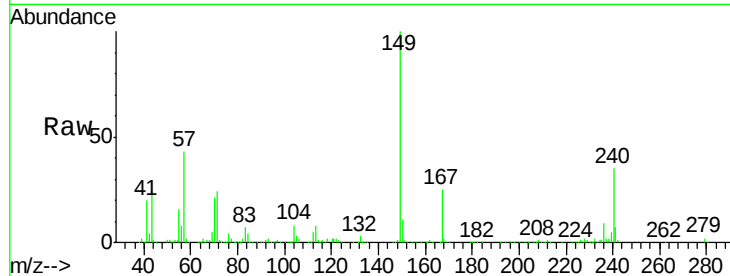
Tot Ion:240 Resp: 176072

Ion Ratio Lower Upper

240 100

120 5.9 5.6 8.4

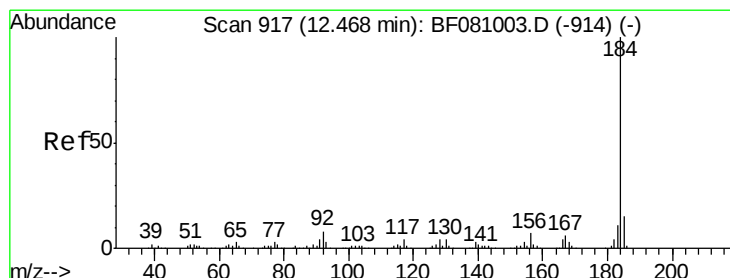
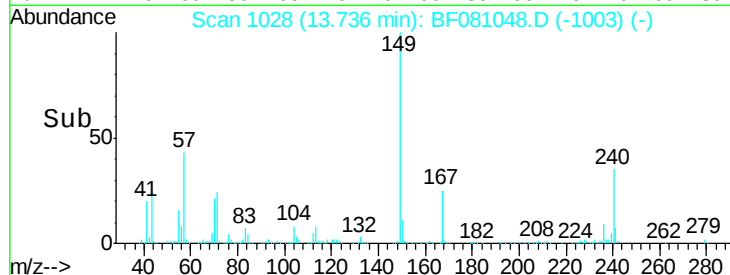
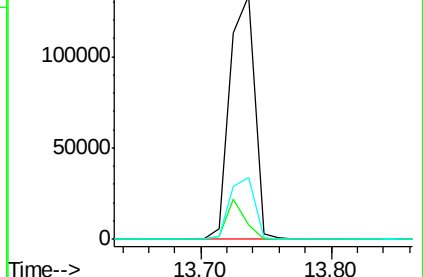
236 25.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.38 ng

RT: 12.44 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

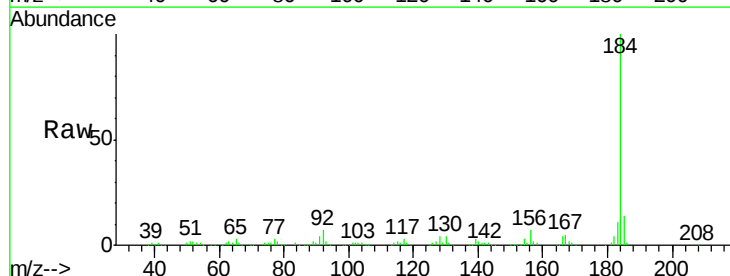
Tgt Ion:184 Resp: 281856

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

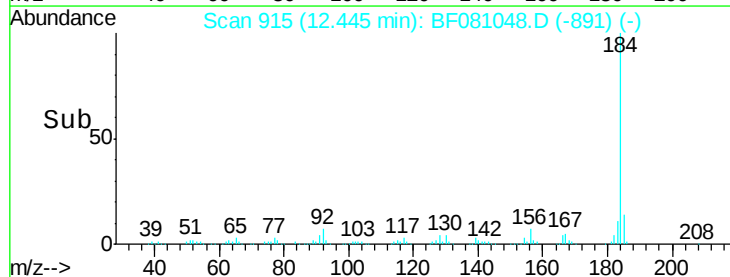
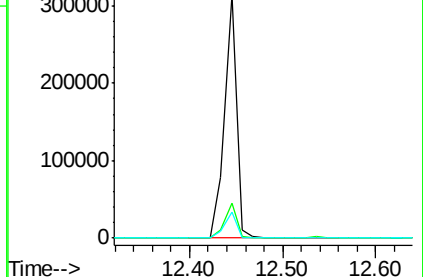
183 10.7 8.9 13.3

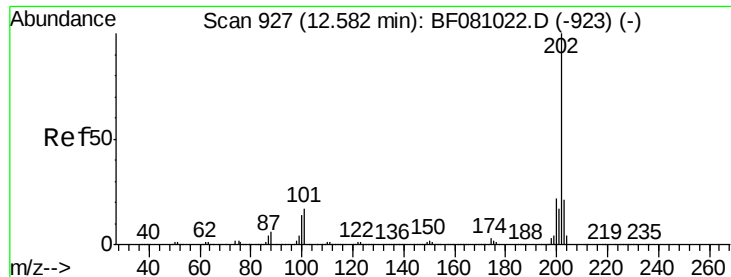


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.75 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

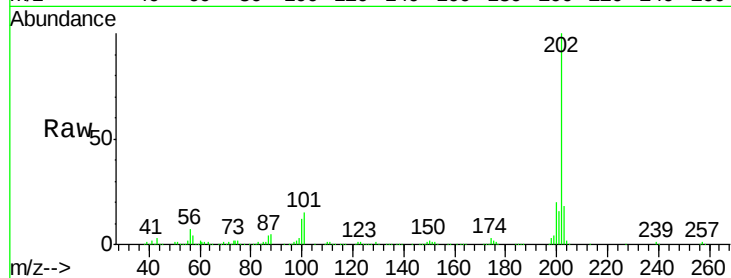
Tot Ion:202 Resp: 468712

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

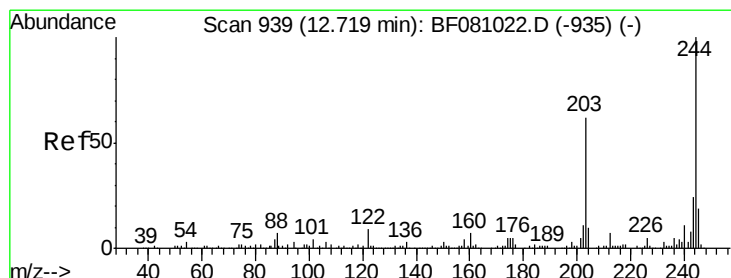
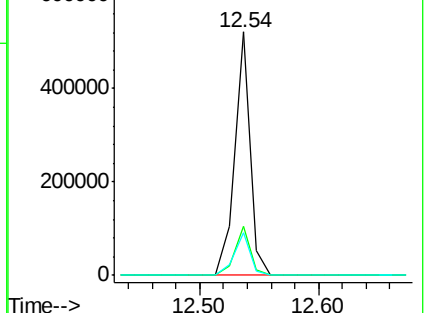
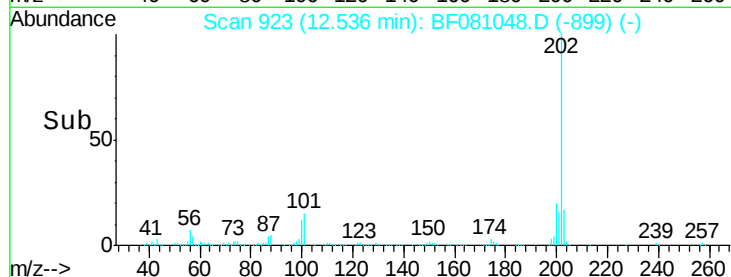
203 17.5 14.1 21.1



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: 73.89 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

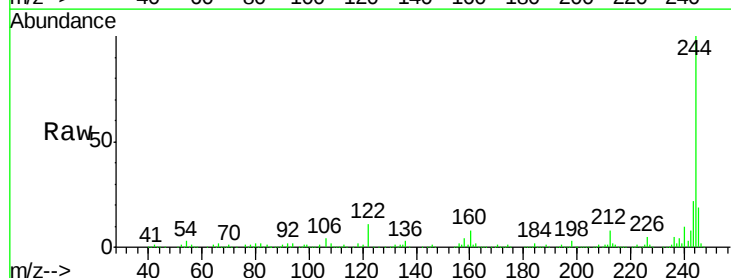
Tgt Ion:244 Resp: 606868

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

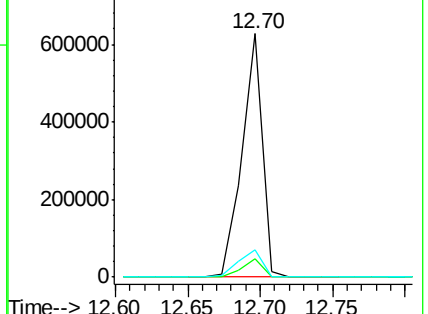
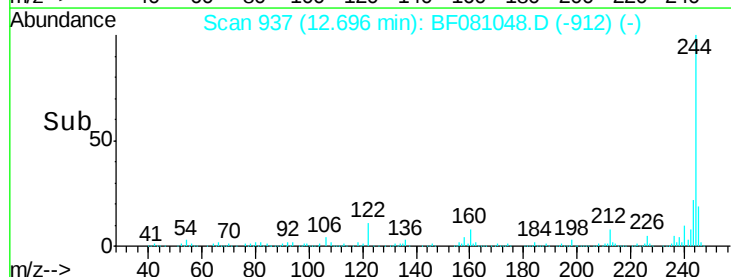
122 11.3 8.2 12.4

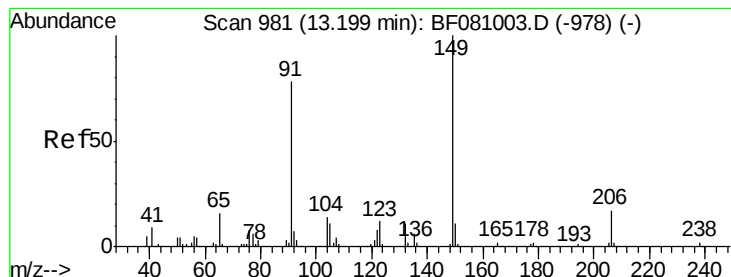


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.26 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampleId :

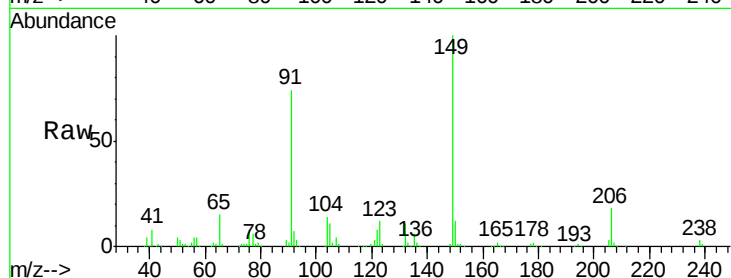
Tot Ion:149 Resp: 260036

Ion Ratio Lower Upper

149 100

91 73.8 46.9 70.3#

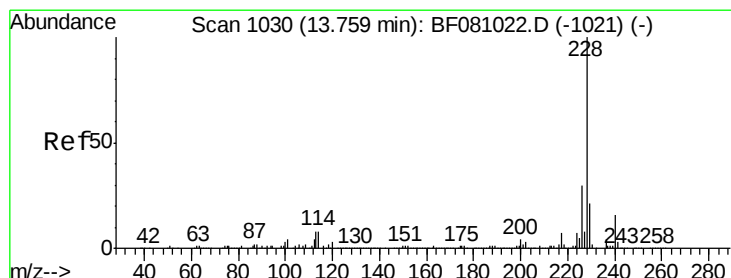
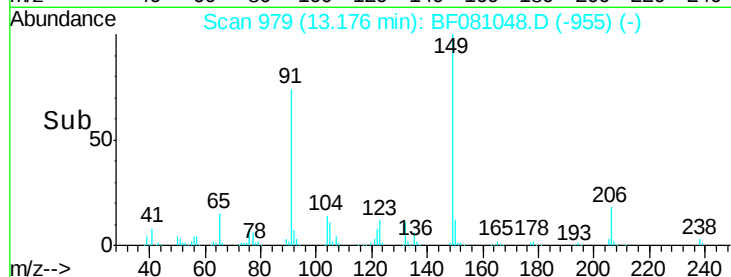
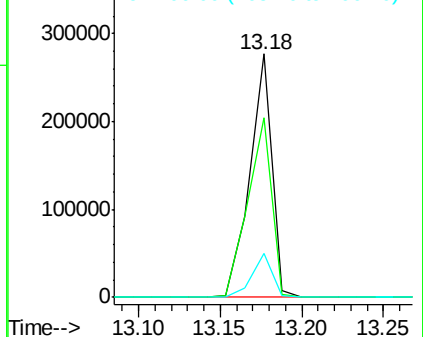
206 17.8 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.15 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

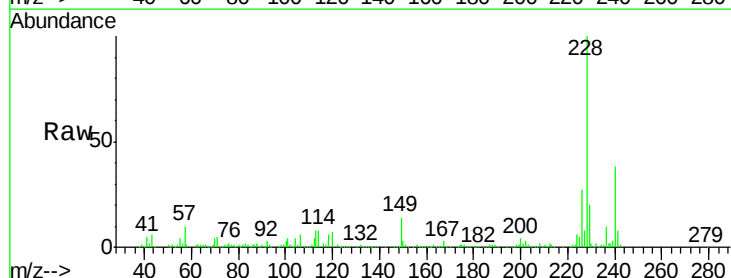
Tgt Ion:228 Resp: 438720

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

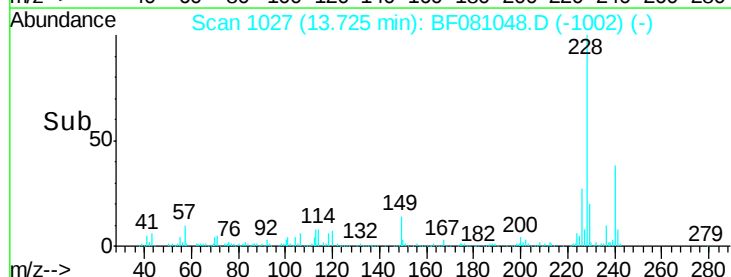
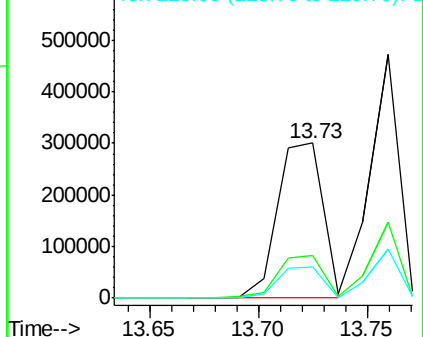
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

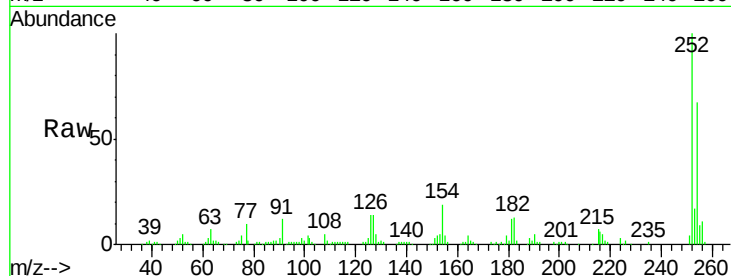




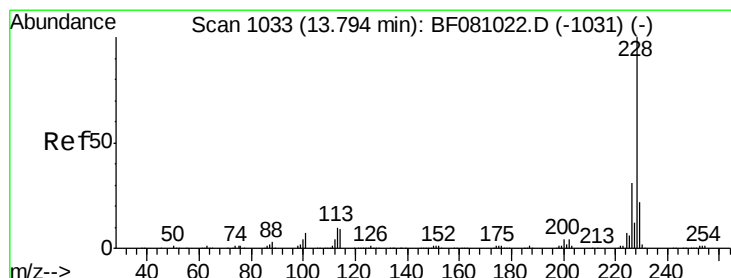
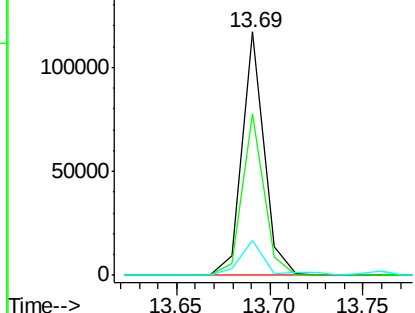
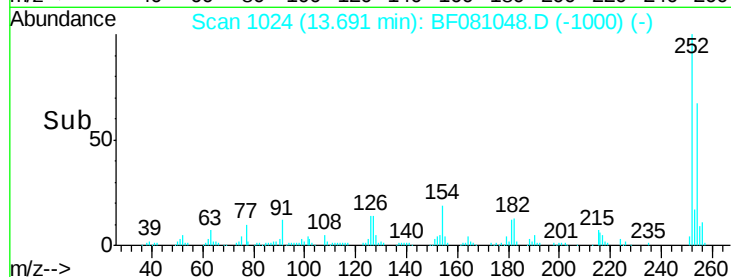
#81
 3,3'-Dichlorobenzidine
 Concen: 25.22 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.5	77.3
126	14.1	12.5	18.7

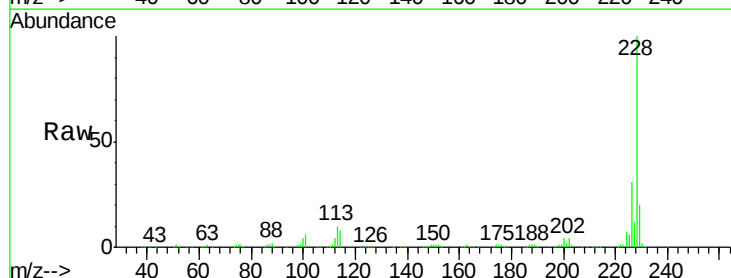


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

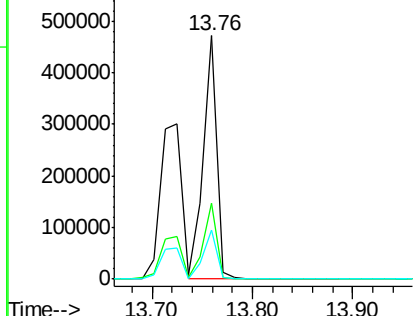
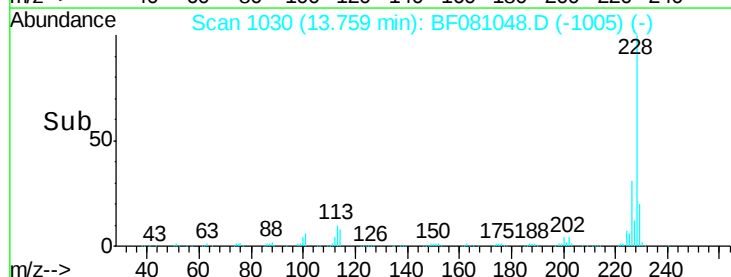


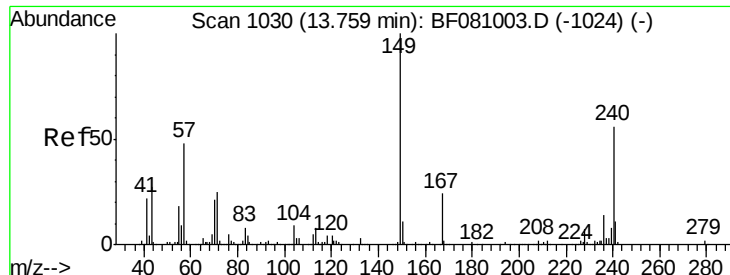
#82
 Chrysene
 Concen: 41.13 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.3	16.0	24.0



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: 44.44 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampled :

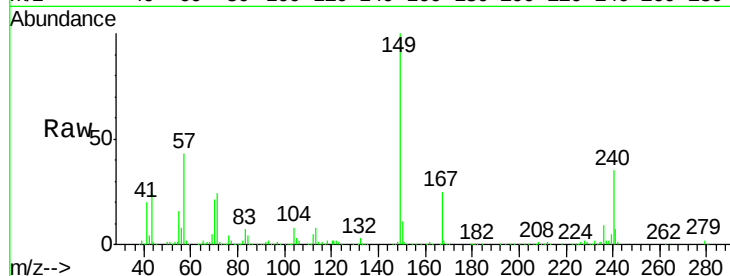
Tot Ion:149 Resp: 350254

Ion Ratio Lower Upper

149 100

167 25.2 20.7 31.1

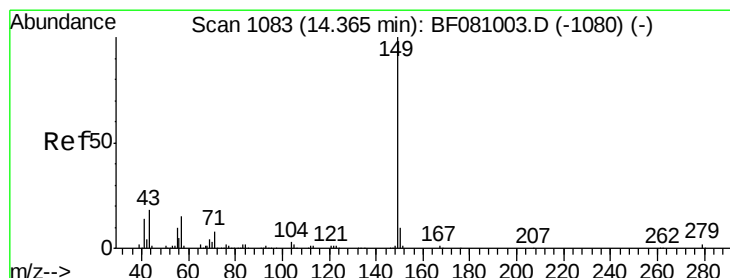
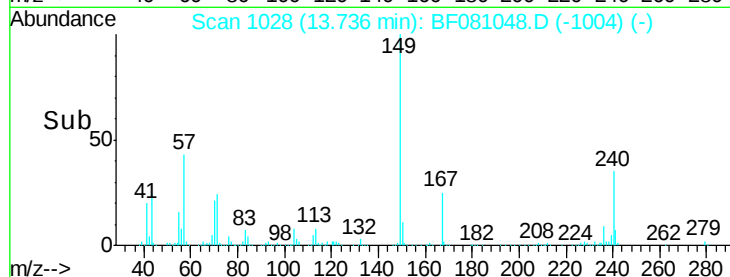
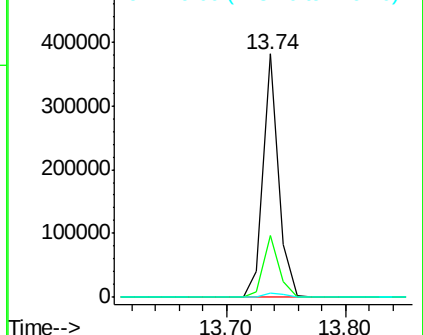
279 1.9 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.25 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

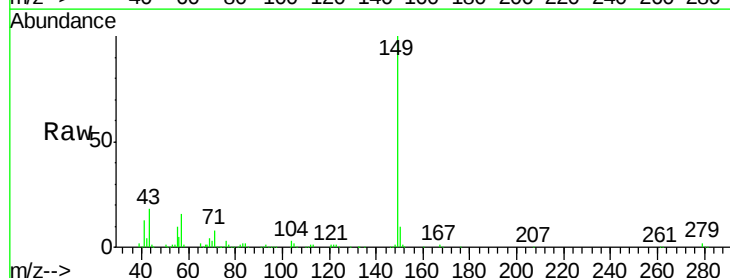
Tgt Ion:149 Resp: 601890

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

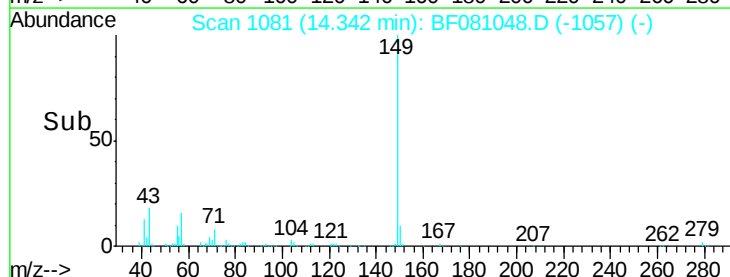
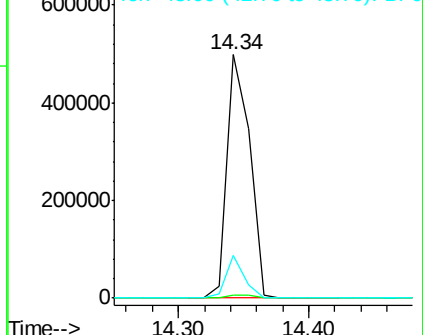
43 14.0 11.6 17.4

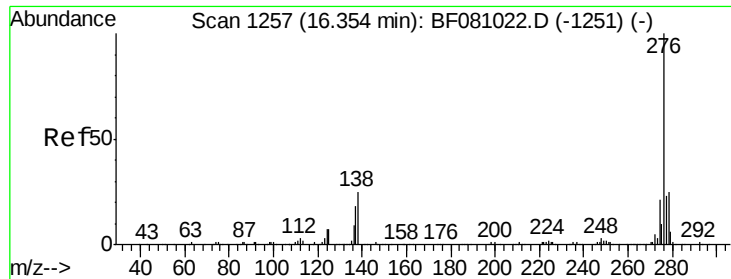


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

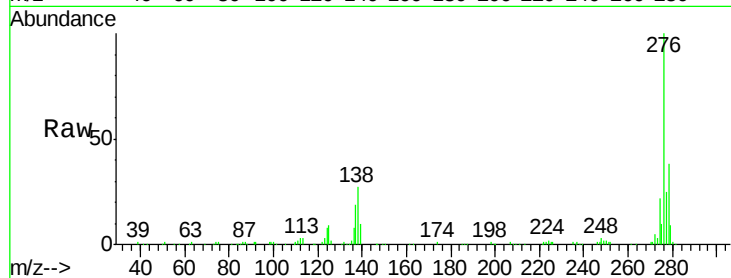




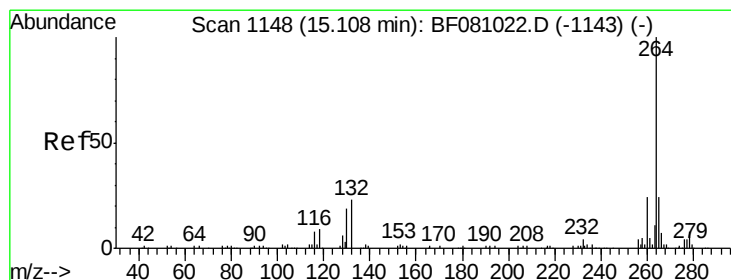
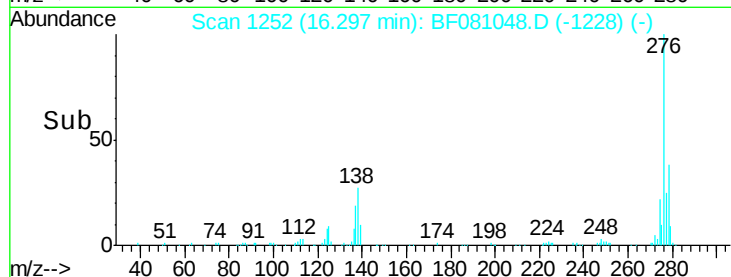
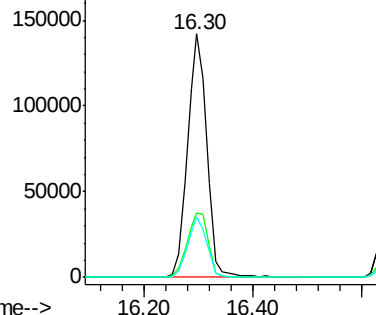
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.45 ng
 RT: 16.30 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.5	19.8	29.8

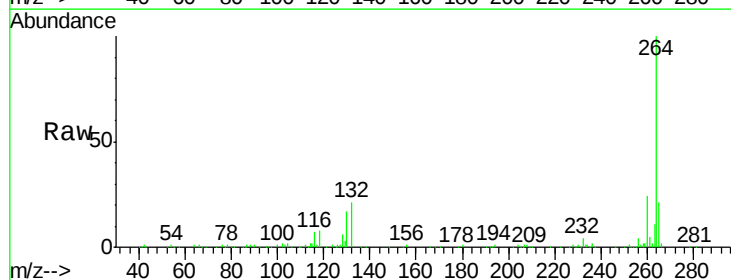


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

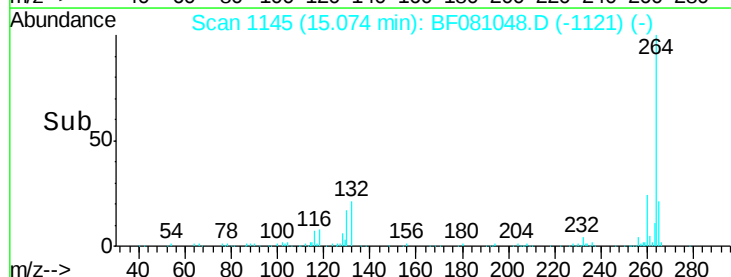
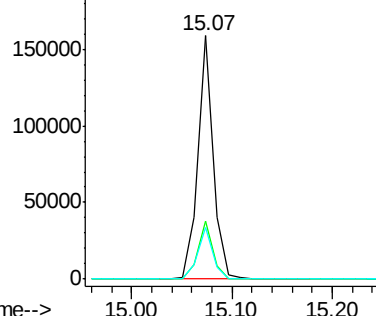


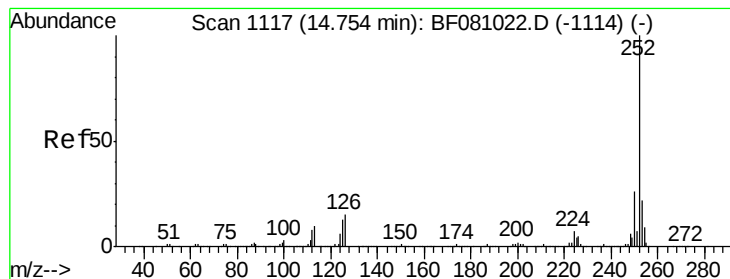
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 63.80 ng

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

Instrument :

BNA_F

ClientSampled :

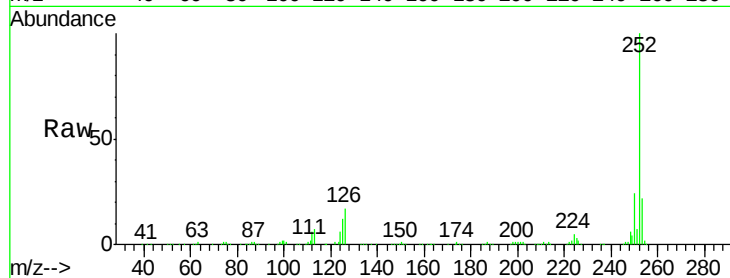
Tot Ion:252 Resp: 760605

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

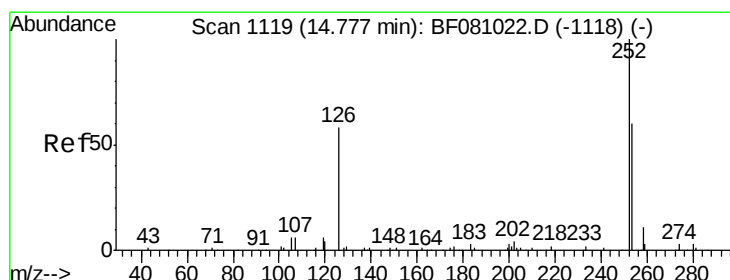
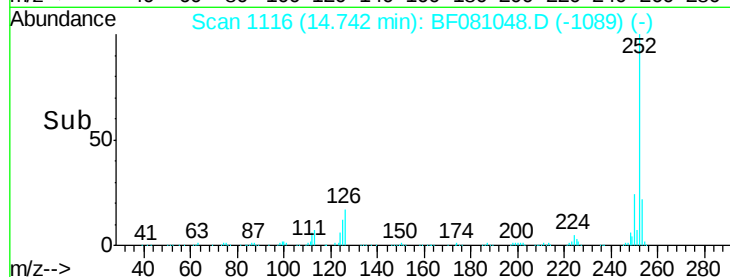
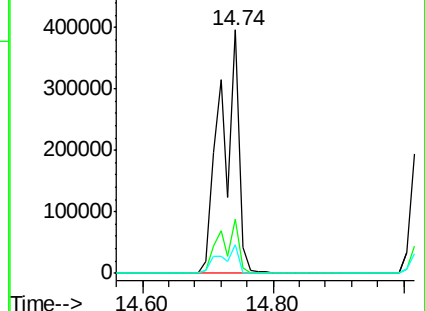
125 11.9 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 68.48 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081048.D

Acq: 18 Aug 2015 18:09

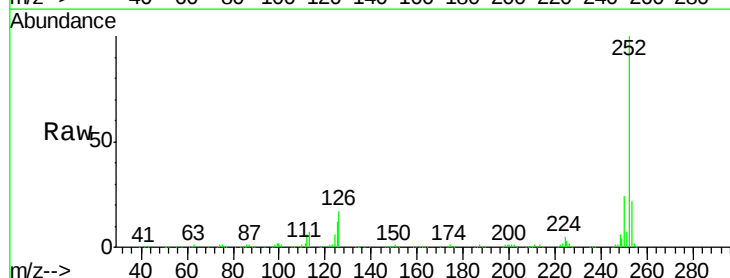
Tgt Ion:252 Resp: 760605

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

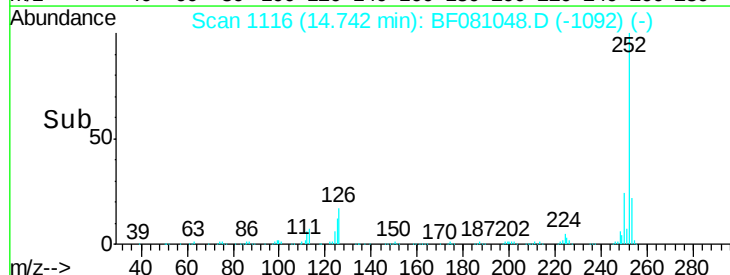
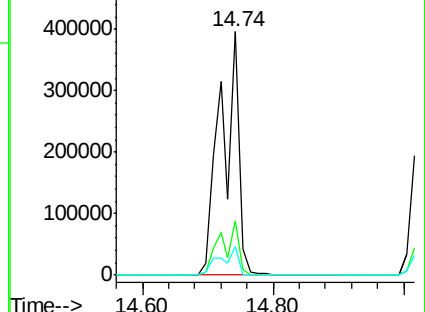
125 11.9 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

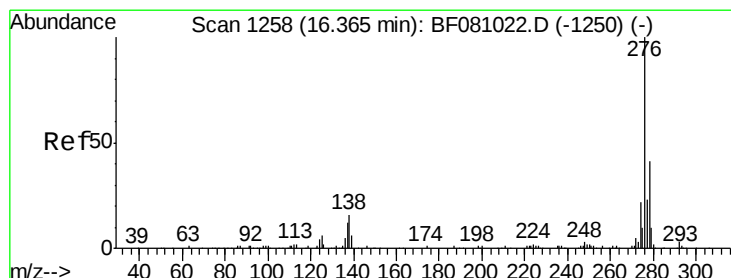
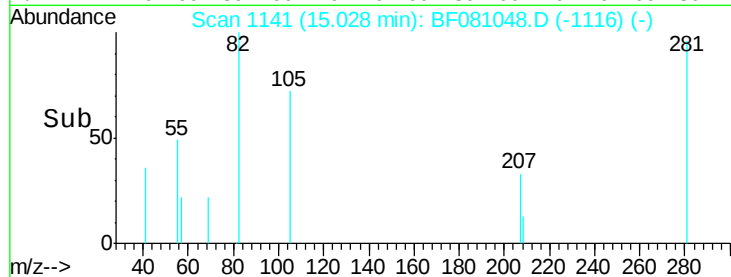
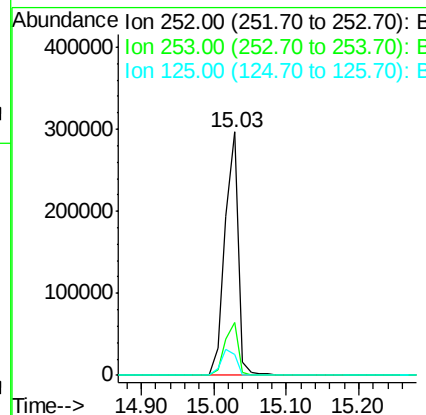
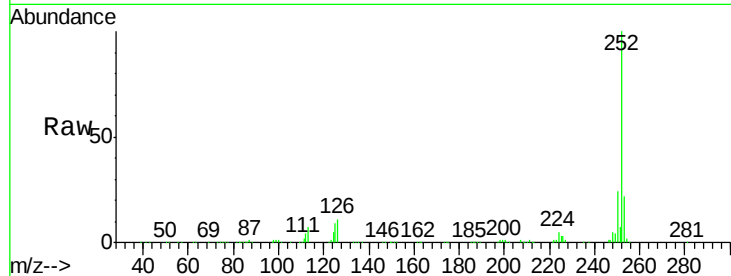




#89
Benzo(a)pyrene
Concen: 36.58 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

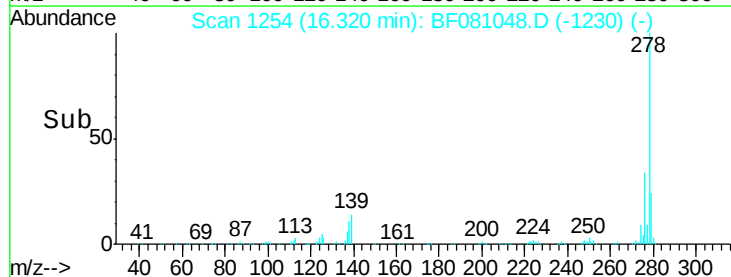
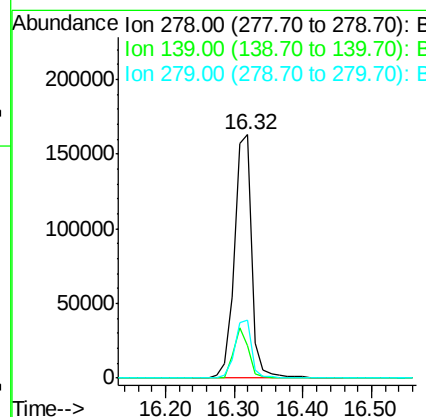
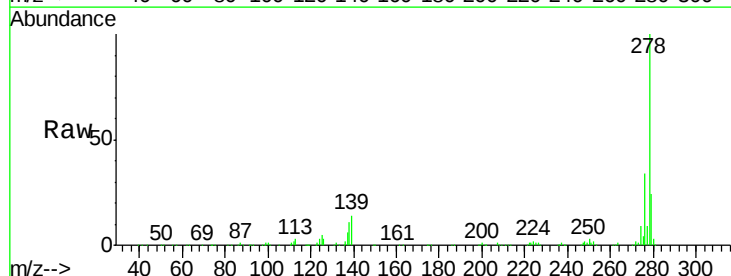
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	25.0
125	8.7	7.8	11.8



#90
Dibenzo(a,h)anthracene
Concen: 36.20 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081048.D
Acq: 18 Aug 2015 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	24.1	19.0	28.6

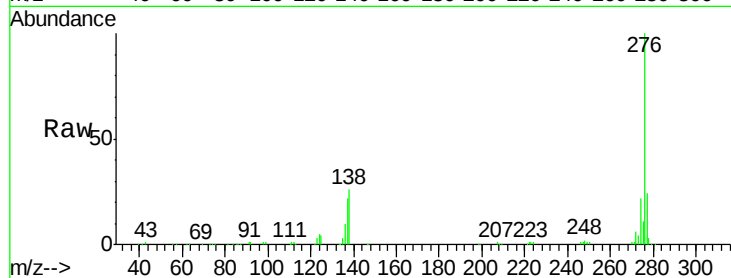




#91
 Benzo(a,h,i)perylene
 Concen: 33.88 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081048.D
 Acq: 18 Aug 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.2
138	25.7	13.7	20.5



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

