

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081298.D
 Acq On : 30 Aug 2015 4:05
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:13:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	65610	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	258707	20.00	ng	-0.06
38) Acenaphthene-d10	9.52	164	120618	20.00	ng	-0.06
63) Phenanthrene-d10	10.98	188	213942	20.00	ng	-0.06
75) Chrysene-d12	13.60	240	138906	20.00	ng	-0.06
86) Perylene-d12	14.93	264	121214	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	370201	84.87	ng	-0.05
7) Phenol-d6	6.16	99	438267	77.00	ng	-0.04
23) Nitrobenzene-d5	7.06	82	461209	81.44	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	83740	80.09	ng	-0.05
44) 2-Fluorobiphenyl	8.86	172	618393	67.18	ng	-0.05
78) Terphenyl-d14	12.57	244	610796	94.27	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	1.86	88	86093	41.88	ng	# 89
3) Pyridine	2.46	79	220868	38.07	ng	# 81
4) n-Nitrosodimethylamine	2.42	42	135075	41.82	ng	# 77
6) Aniline	6.15	93	315972	38.18	ng	93
8) 2-Chlorophenol	6.27	128	200211	41.93	ng	92
9) Benzaldehyde	6.02	77	142831	38.93	ng	98
10) Phenol	6.17	94	274028	40.77	ng	# 74
11) bis(2-Chloroethyl)ether	6.24	93	214304	41.55	ng	97
12) 1,3-Dichlorobenzene	6.42	146	205087	39.98	ng	94
13) 1,4-Dichlorobenzene	6.50	146	208479	41.04	ng	96
14) 1,2-Dichlorobenzene	6.50	146	208479	43.85	ng	95
15) Benzyl Alcohol	6.65	79	170971	37.13	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.79	45	381115	37.60	ng	76
17) 2-Methylphenol	6.78	107	150127	36.65	ng	94
18) Hexachloroethane	6.99	117	83980	40.91	ng	97
19) n-Nitroso-di-n-propylamine	6.94	70	177227	44.95	ng	# 84
20) 3+4-Methylphenols	6.94	107	195692	37.63	ng	# 46
22) Acetophenone	6.91	105	268574	39.54	ng	# 87
24) Nitrobenzene	7.09	77	249536	42.14	ng	97
25) Isophorone	7.34	82	439243	41.59	ng	96
26) 2-Nitrophenol	7.39	139	97039	39.41	ng	91
27) 2,4-Dimethylphenol	7.46	122	165770	38.05	ng	95
28) bis(2-Chloroethoxy)methane	7.55	93	272241	43.63	ng	99
29) 2,4-Dichlorophenol	7.66	162	142228	38.78	ng	97
30) 1,2,4-Trichlorobenzene	7.73	180	168852	41.42	ng	98
31) Naphthalene	7.79	128	508104	35.23	ng	99
32) Benzoic acid	7.62	122	99312	40.53	ng	94
33) 4-Chloroaniline	7.86	127	243724	40.05	ng	92
34) Hexachlorobutadiene	7.92	225	96969	42.07	ng	98
35) Caprolactam	8.26	113	50935	39.73	ng	# 81
36) 4-Chloro-3-methylphenol	8.37	107	184801	42.28	ng	99
37) 2-Methylnaphthalene	8.49	142	379523	41.66	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	135040	34.70	ng	97
40) Hexachlorocyclopentadiene	8.64	237	56414	28.01	ng	98

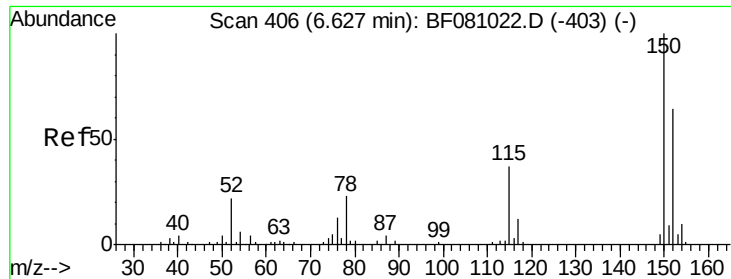
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	106605	38.78	nq	97
43) 2,4,5-Trichlorophenol	8.82	196	109660	39.91	nq	97
45) 1,1'-Biphenyl	8.96	154	398792	37.54	nq	98
46) 2-Chloronaphthalene	8.97	162	295093	34.57	nq	# 92
47) 2-Nitroaniline	9.09	65	145750	41.73	nq	# 70
48) Acenaphthylene	9.38	152	556266	36.43	nq	98
49) Dimethylphthalate	9.27	163	380485	38.30	nq	99
50) 2,6-Dinitrotoluene	9.33	165	69456	32.57	nq	# 62
51) Acenaphthene	9.55	154	313883	34.34	nq	99
52) 3-Nitroaniline	9.50	138	109312	40.96	nq	91
53) 2,4-Dinitrophenol	9.60	184	17736	19.63	nq	# 70
54) Dibenzofuran	9.73	168	462363	37.75	nq	96
55) 4-Nitrophenol	9.68	139	62141	33.15	nq	# 76
56) 2,4-Dinitrotoluene	9.73	165	88812	31.42	nq	# 58
57) Fluorene	10.07	166	342440	36.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	69851	32.85	nq	97
59) Diethylphthalate	9.97	149	431266	41.02	nq	97
60) 4-Chlorophenyl-phenylether	10.07	204	150754	37.81	nq	# 77
61) 4-Nitroaniline	10.10	138	89483	32.80	nq	93
62) Azobenzene	10.22	77	409503	33.80	nq	97
64) 4,6-Dinitro-2-methylphenol	10.14	198	29063	22.75	nq	# 48
65) n-Nitrosodiphenylamine	10.18	169	304171	39.83	nq	98
66) 4-Bromophenyl-phenylether	10.55	248	94182	44.81	nq	# 83
67) Hexachlorobenzene	10.61	284	94242	44.28	nq	96
68) Atrazine	10.72	200	89805	42.21	nq	97
69) Pentachlorophenol	10.80	266	26281	20.58	nq	99
70) Phenanthrene	11.02	178	482679	38.07	nq	100
71) Anthracene	11.06	178	488301	39.58	nq	99
72) Carbazole	11.22	167	398493	33.55	nq	98
73) Di-n-butylphthalate	11.58	149	657608	45.75	nq	99
74) Fluoranthene	12.18	202	429405	31.38	nq	93
76) Benzidine	12.32	184	185787	35.41	nq	99
77) Pyrene	12.41	202	496534	43.97	nq	100
79) Butylbenzylphthalate	13.05	149	234622	48.34	nq	# 71
80) Benzo(a)anthracene	13.59	228	353454	37.94	nq	99
81) 3,3'-Dichlorobenzidine	13.57	252	108041	35.81	nq	98
82) Chrysene	13.62	228	273159	32.54	nq	99
83) Bis(2-ethylhexyl)phthalate	13.61	149	305967	49.21	nq	# 96
84) Di-n-octyl phthalate	14.23	149	499530	52.86	nq	98
85) Indeno(1,2,3-cd)pyrene	16.08	276	336277	57.05	nq	# 95
87) Benzo(b)fluoranthene	14.61	252	573685	66.91	nq	# 96
88) Benzo(k)fluoranthene	14.61	252	573685	71.81	nq	99
89) Benzo(a)pyrene	14.87	252	289478	38.75	nq	# 94
90) Dibenzo(a,h)anthracene	16.09	278	271547	46.65	nq	# 96
91) Benzo(g,h,i)perylene	16.42	276	271744	46.01	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

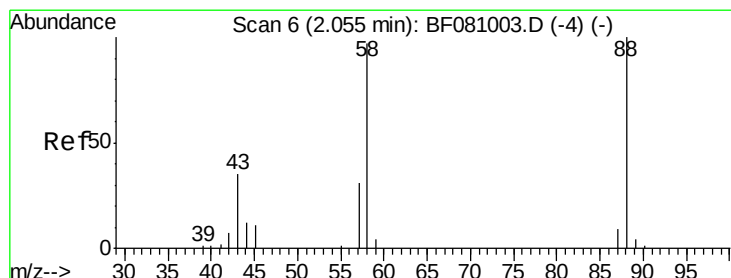
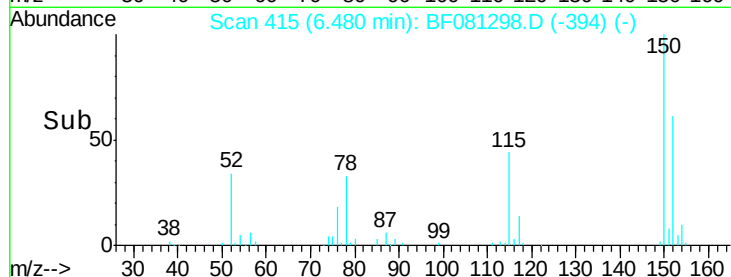
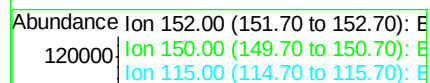
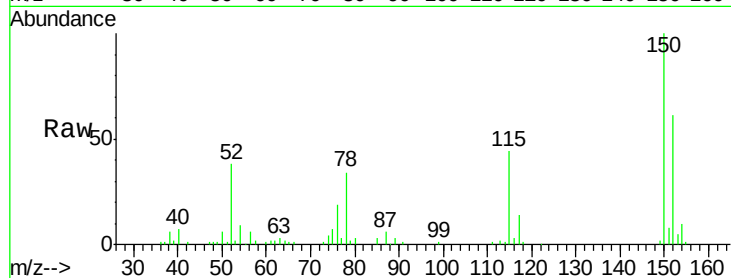
Tot Ion:152 Resp: 65610

Ion Ratio Lower Upper

152 100

150 163.4 123.8 185.6

115 71.3 52.1 78.1



#2

1,4-Dioxane

Concen: 41.88 ng

RT: 1.86 min Scan# 11

Delta R.T. -0.07 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

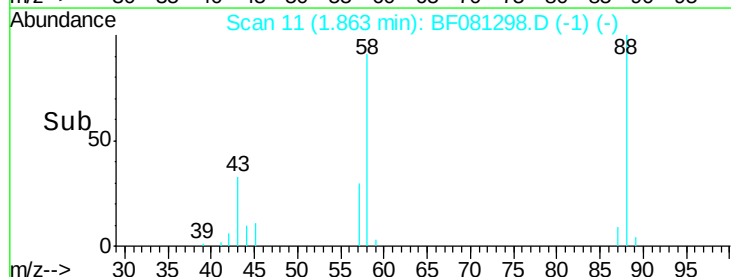
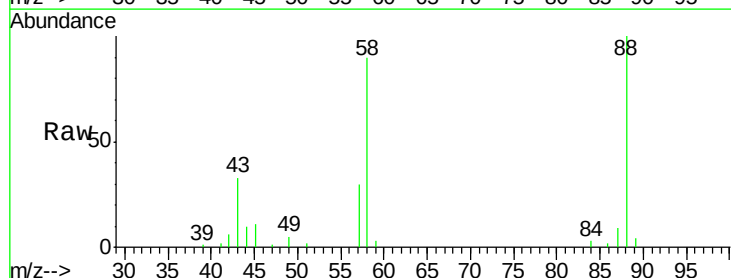
Tgt Ion: 88 Resp: 86093

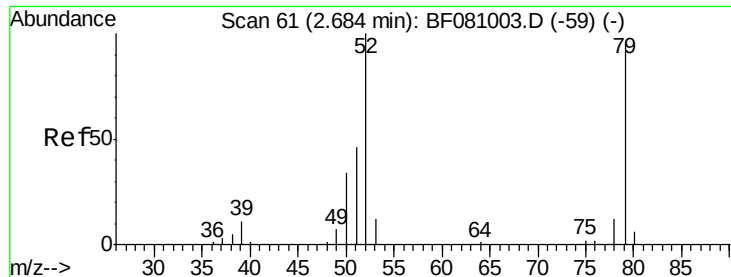
Ion Ratio Lower Upper

88 100

58 95.3 83.7 125.5

43 36.3 37.5 56.3





#3

Pvridine

Concen: 38.07 ng

RT: 2.46 min Scan# 63

Delta R.T. -0.08 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

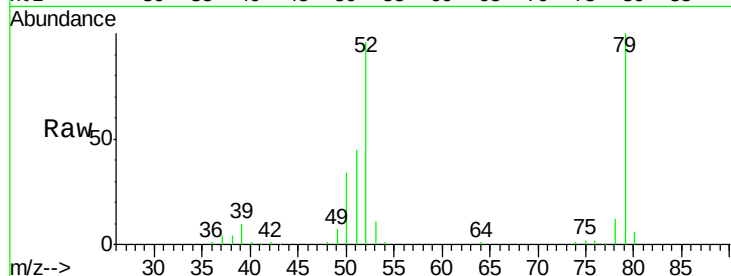
Tot Ion: 79 Resp: 220868

Ion Ratio Lower Upper

79 100

52 96.4 95.1 142.7

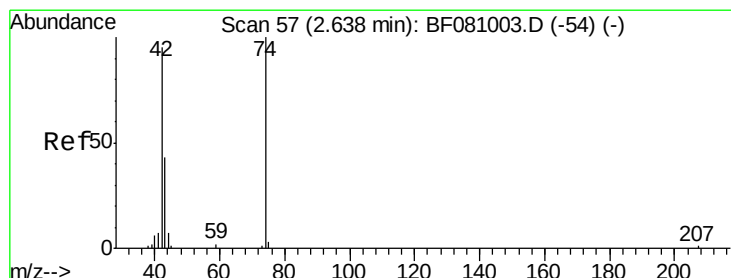
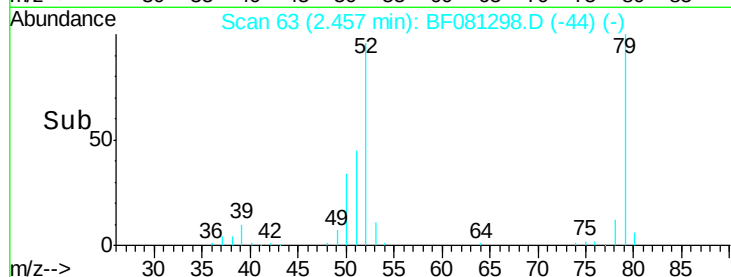
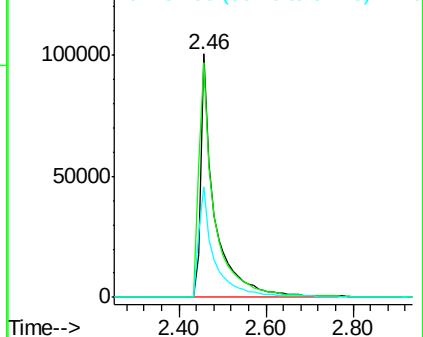
51 45.3 46.6 70.0#



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: 41.82 ng

RT: 2.42 min Scan# 60

Delta R.T. -0.08 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

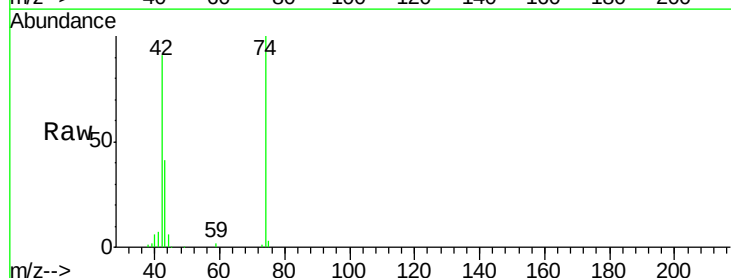
Tgt Ion: 42 Resp: 135075

Ion Ratio Lower Upper

42 100

74 109.7 69.3 103.9#

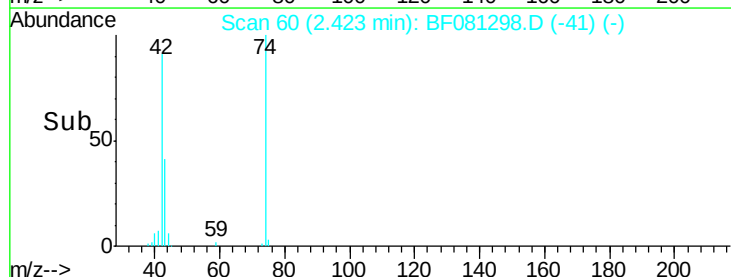
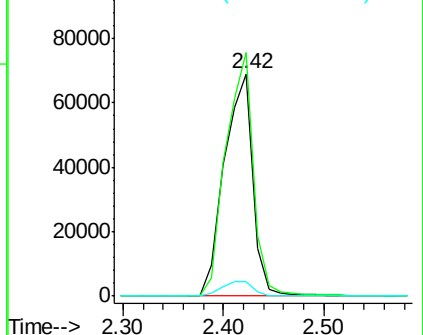
44 6.8 5.5 8.3

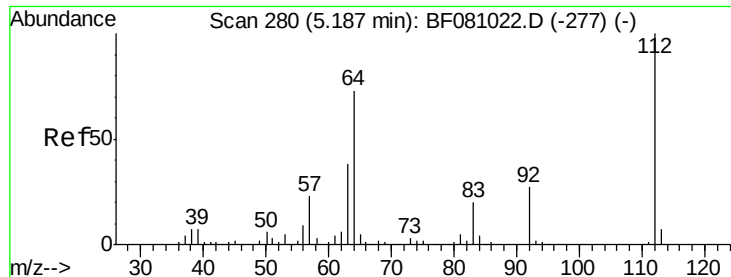


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.87 ng

RT: 5.05 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF081298.D

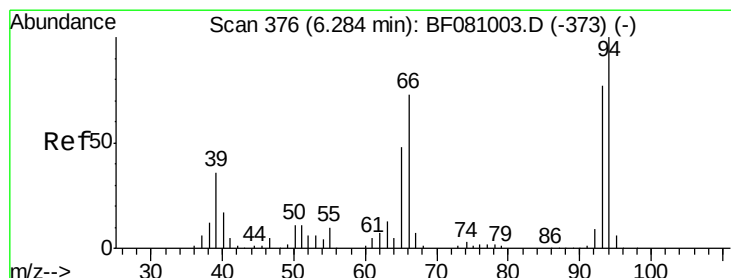
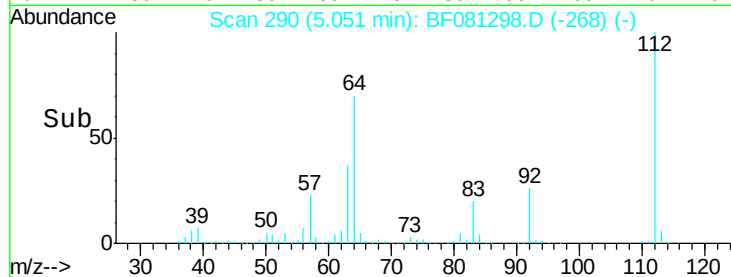
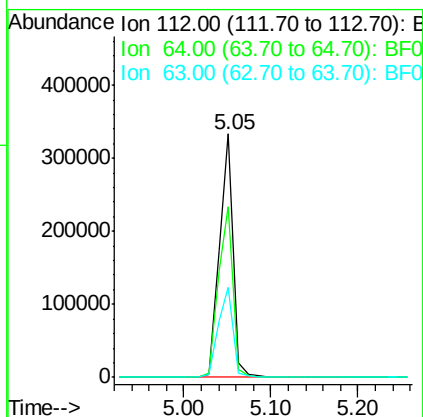
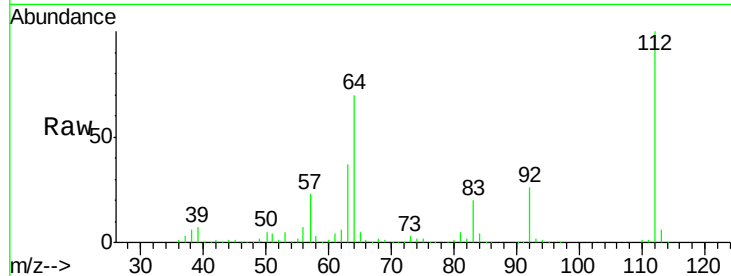
Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	370201
Ion Ratio	Lower	Upper	
112	100		
64	69.8	66.9	100.3
63	36.8	38.1	57.1#



#6

Aniline

Concen: 38.18 ng

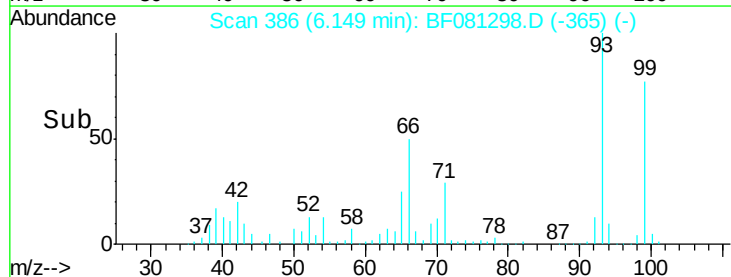
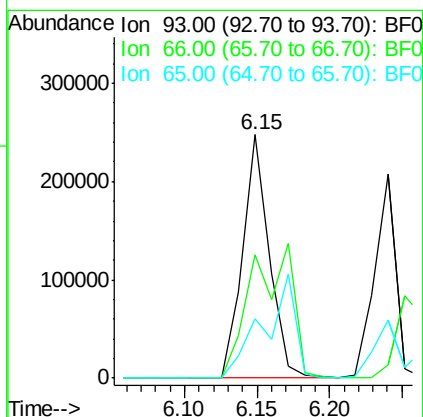
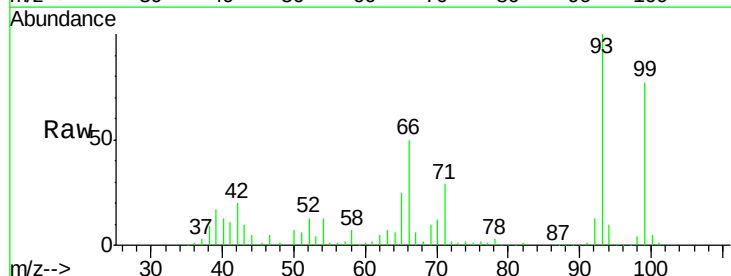
RT: 6.15 min Scan# 386

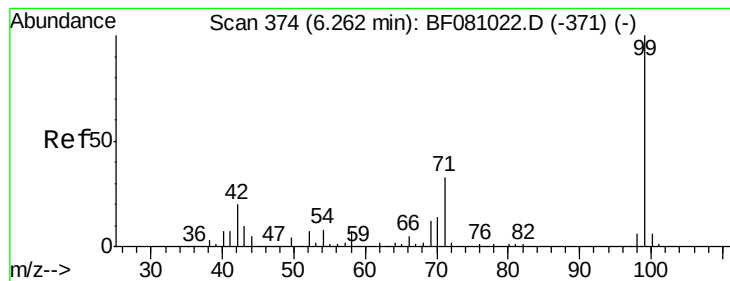
Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Tgt Ion:	93	Resp:	315972
Ion Ratio	Lower	Upper	
93	100		
66	50.4	35.6	53.4
65	24.6	18.7	28.1





#7

Phenol-d6

Concen: 77.00 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampled :

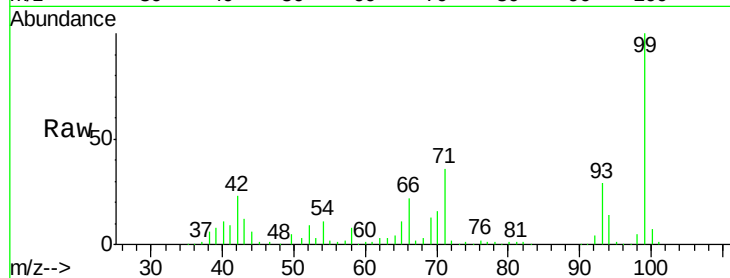
Tot Ion: 99 Resp: 438267

Ion Ratio Lower Upper

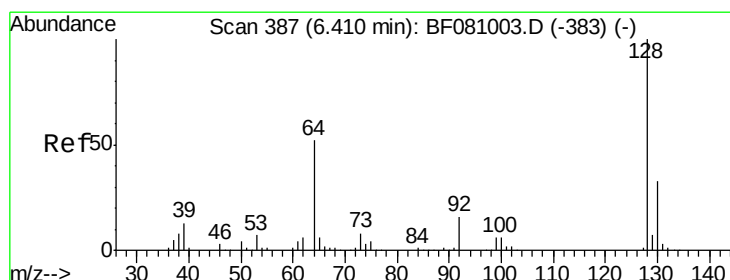
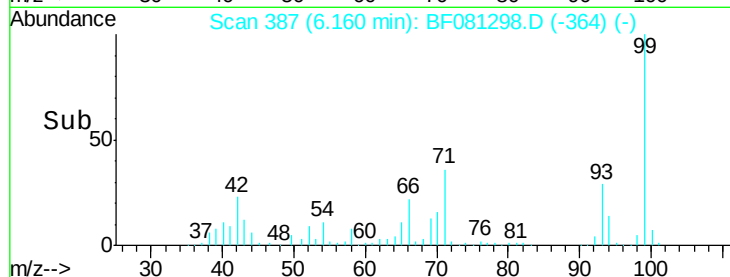
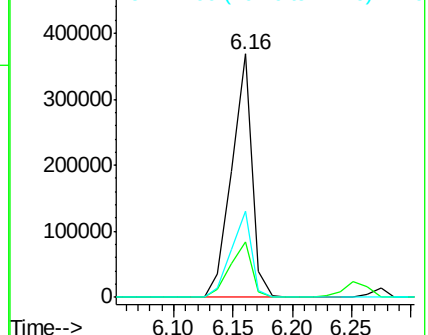
99 100

42 22.9 19.6 29.4

71 35.5 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: 41.93 ng

RT: 6.27 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

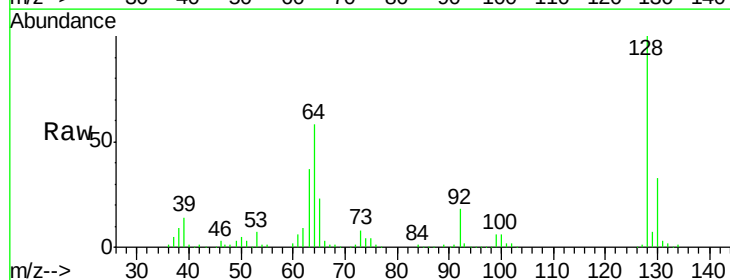
Tgt Ion: 128 Resp: 200211

Ion Ratio Lower Upper

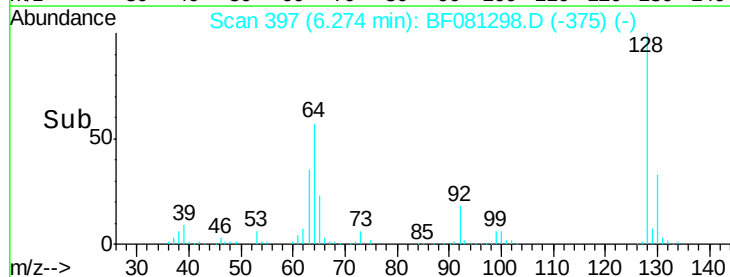
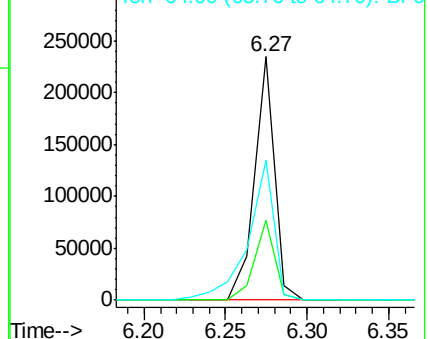
128 100

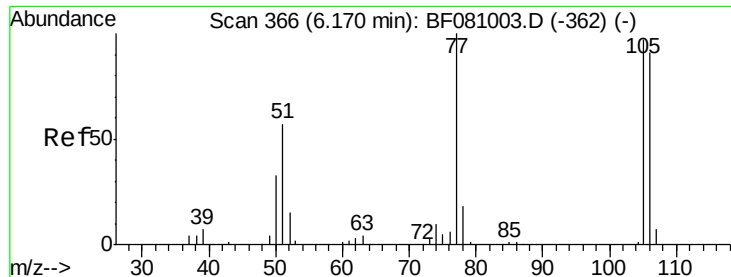
130 32.9 12.5 52.5

64 57.6 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

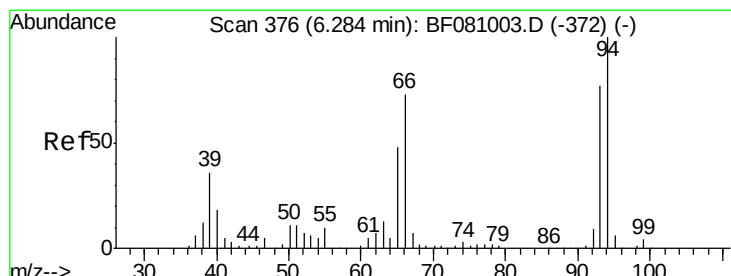
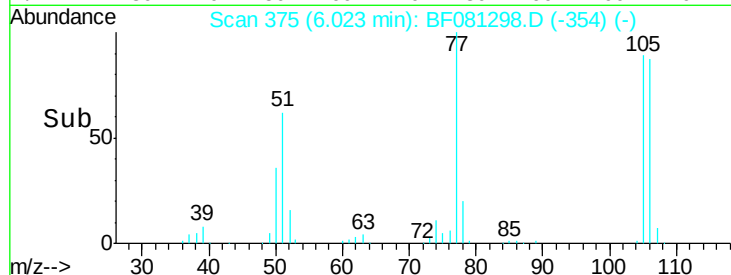
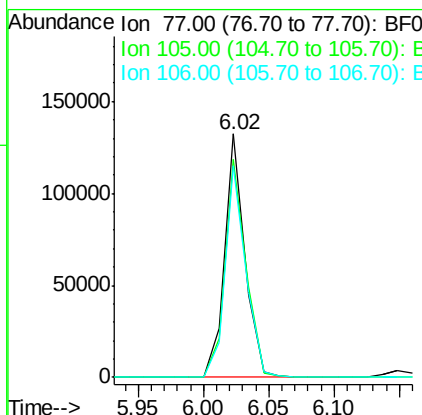
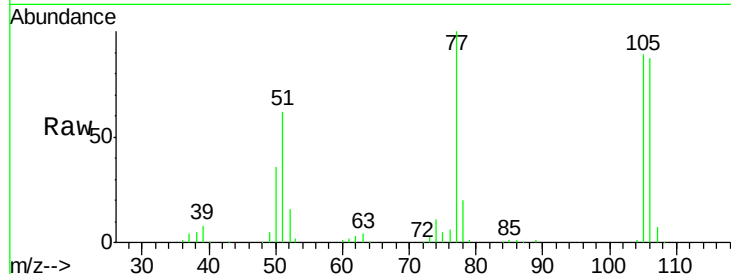




#9
Benzaldehyde
Concen: 38.93 ng
RT: 6.02 min Scan# 375
Delta R.T. -0.06 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

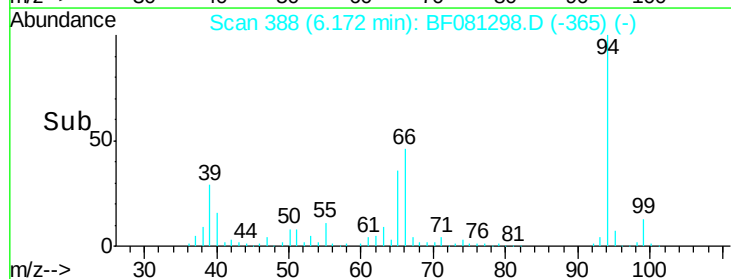
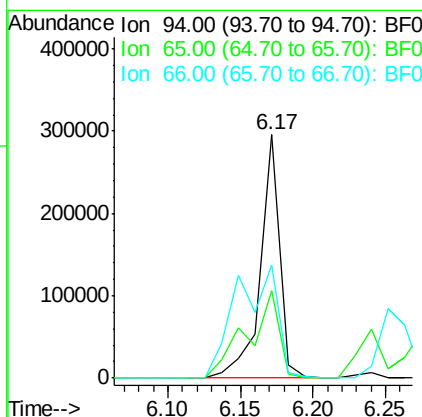
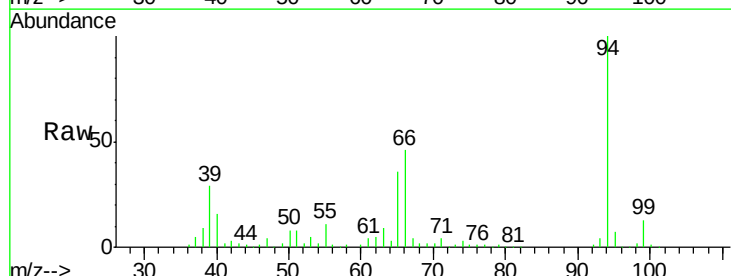
Instrument :
BNA_F
ClientSampleId :

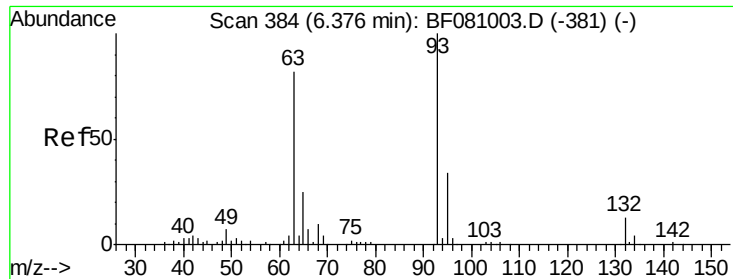
Tot Ion: 77 Resp: 142831
Ion Ratio Lower Upper
77 100
105 89.3 69.6 109.6
106 86.9 64.0 104.0



#10
Phenol
Concen: 40.77 ng
RT: 6.17 min Scan# 388
Delta R.T. -0.04 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Tgt Ion: 94 Resp: 274028
Ion Ratio Lower Upper
94 100
65 35.8 28.4 68.4
66 46.3 52.3 92.3#

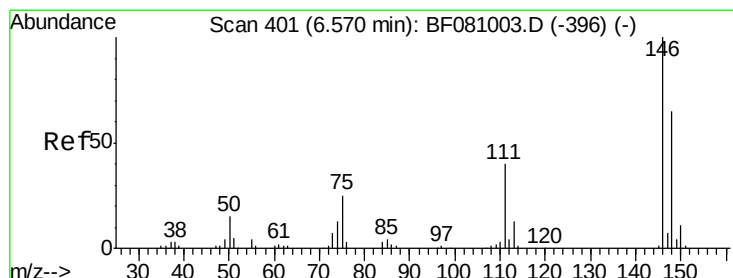
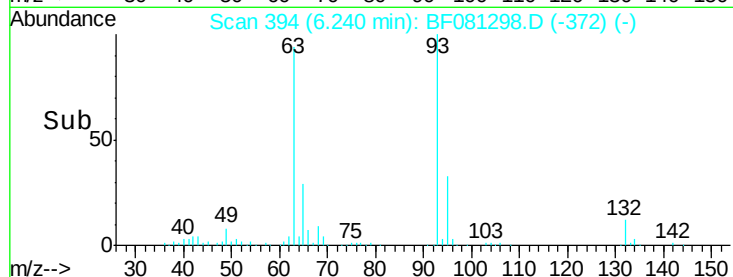
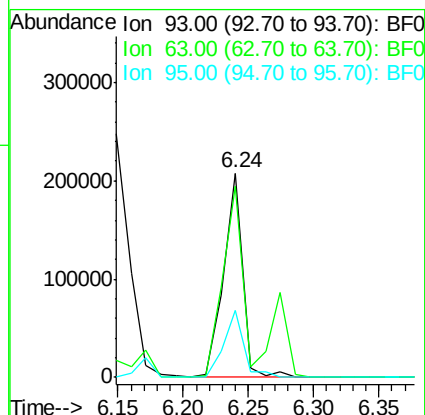
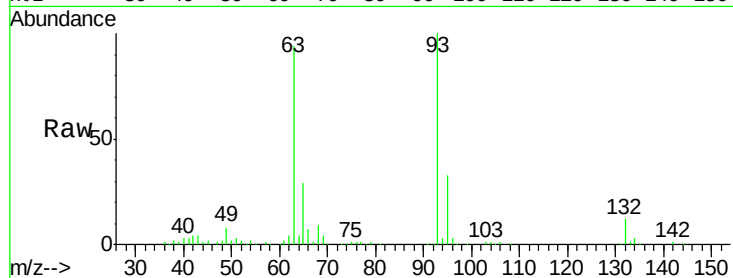




#11
bis(2-Chloroethyl)ether
Concen: 41.55 ng
RT: 6.24 min Scan# 394
Delta R.T. -0.05 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

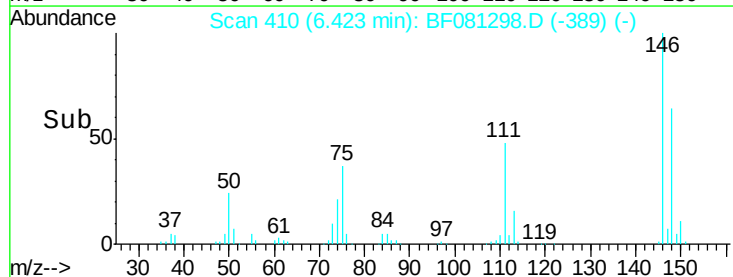
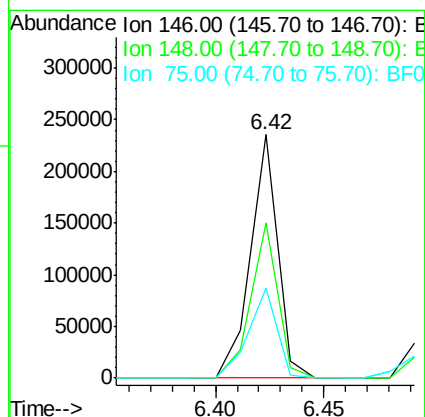
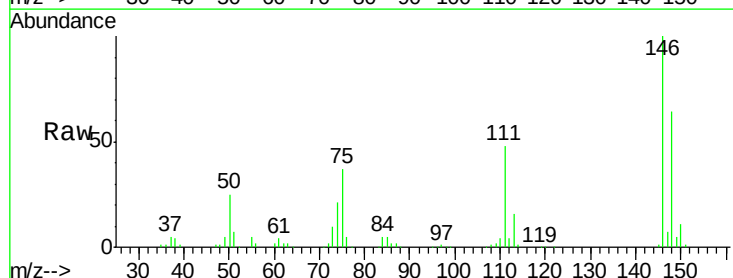
Instrument :
BNA_F
ClientSampleId :

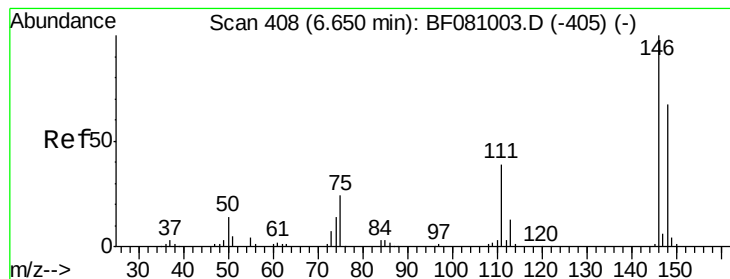
Tot Ion: 93 Resp: 214304
Ion Ratio Lower Upper
93 100
63 93.8 69.6 109.6
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.98 ng
RT: 6.42 min Scan# 410
Delta R.T. -0.06 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Tgt Ion: 146 Resp: 205087
Ion Ratio Lower Upper
146 100
148 63.9 53.3 79.9
75 37.2 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 41.04 ng

RT: 6.50 min Scan# 417

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

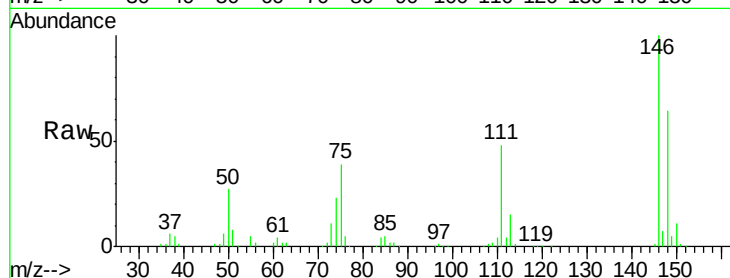
Tot Ion:146 Resp: 208479

Ion Ratio Lower Upper

146 100

148 63.9 52.3 78.5

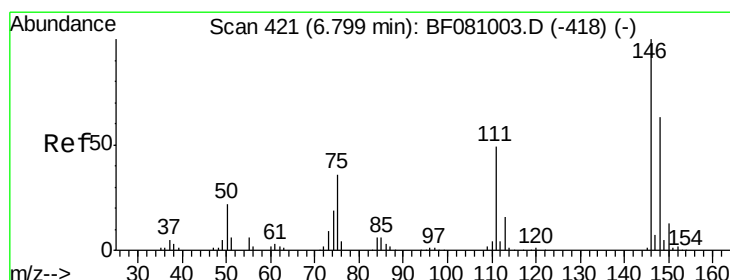
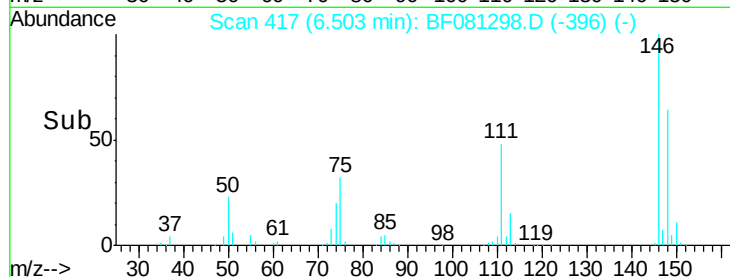
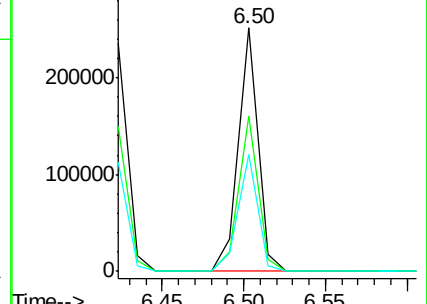
111 47.8 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.85 ng

RT: 6.50 min Scan# 417

Delta R.T. -0.21 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

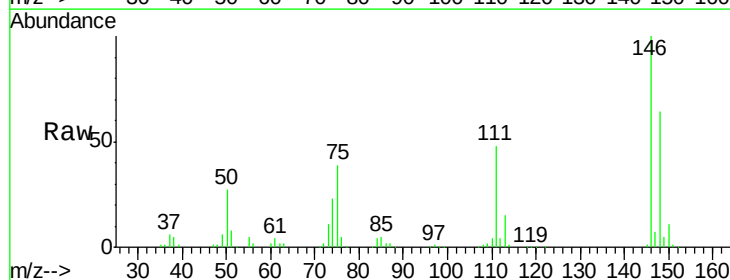
Tgt Ion:146 Resp: 208479

Ion Ratio Lower Upper

146 100

148 63.9 48.7 73.1

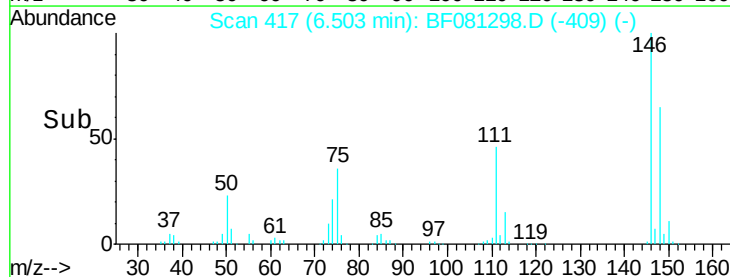
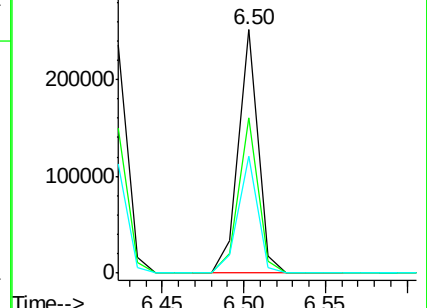
111 47.8 42.3 63.5

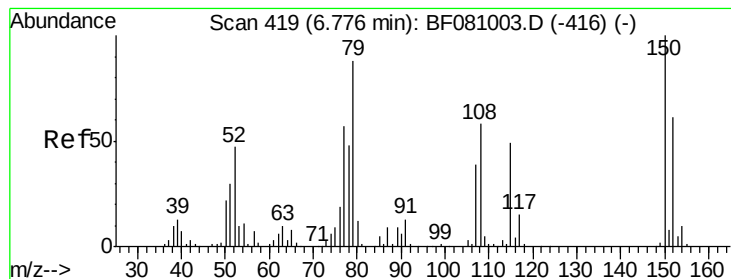


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.13 ng

RT: 6.65 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

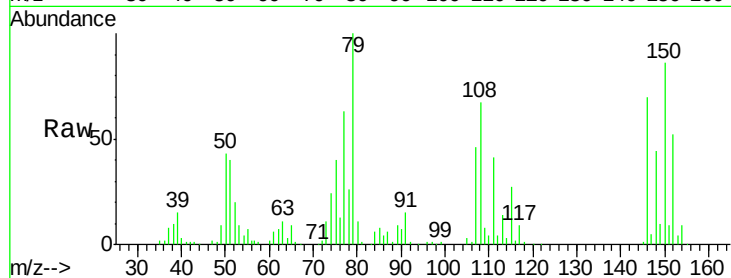
Tot Ion: 79 Resp: 170971

Ion Ratio Lower Upper

79 100

108 67.4 49.4 74.2

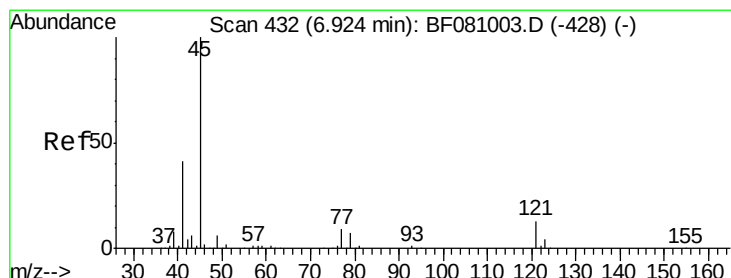
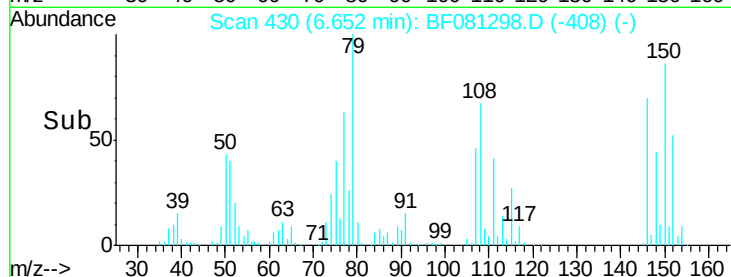
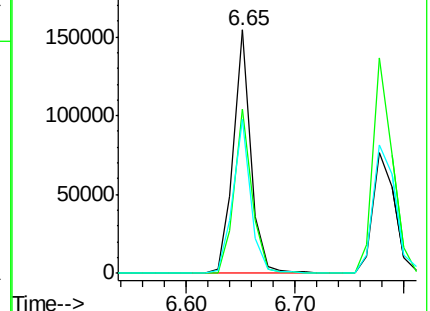
77 63.5 51.4 77.0



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: 37.60 ng

RT: 6.79 min Scan# 442

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

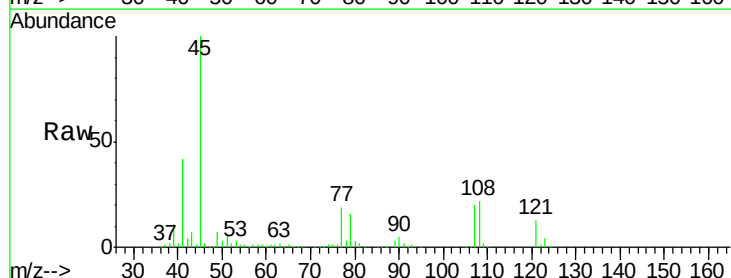
Tgt Ion: 45 Resp: 381115

Ion Ratio Lower Upper

45 100

77 18.9 0.0 30.2

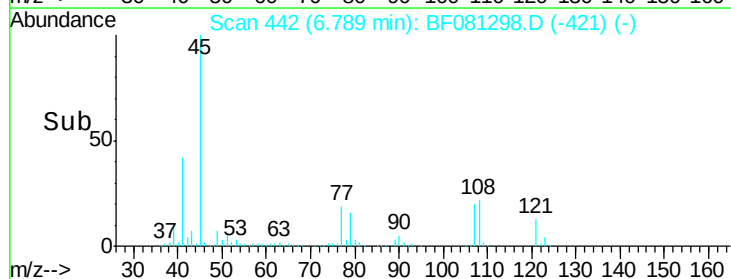
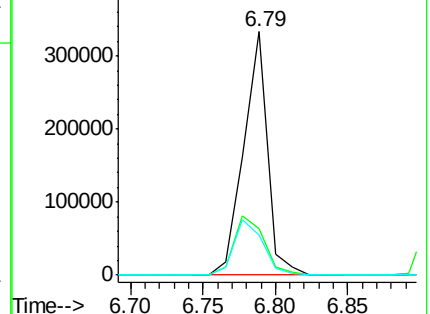
79 16.5 0.0 28.0

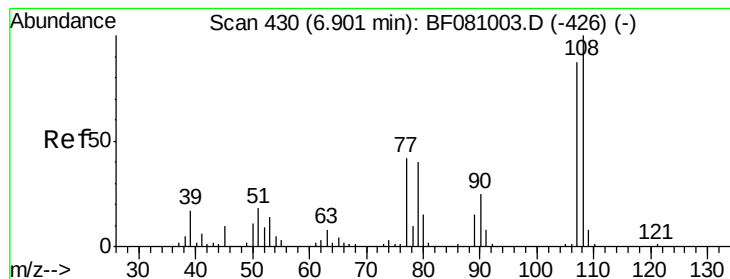


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.65 ng

RT: 6.78 min Scan# 441

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 150127

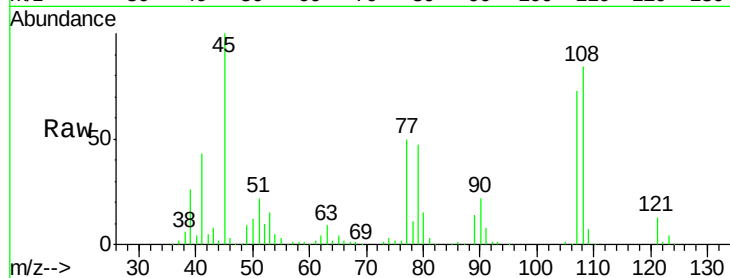
Ion Ratio Lower Upper

107 100

108 114.7 90.4 135.6

77 68.3 46.5 69.7

79 64.1 46.3 69.5

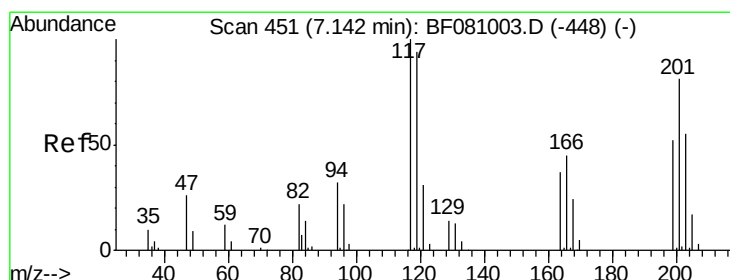
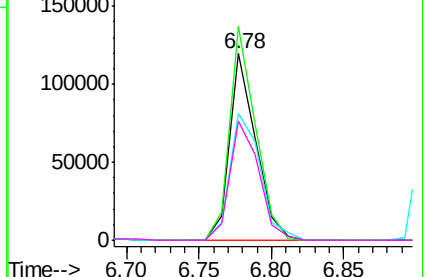
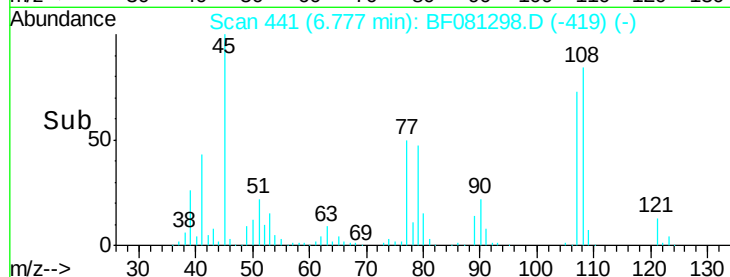


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.91 ng

RT: 6.99 min Scan# 460

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

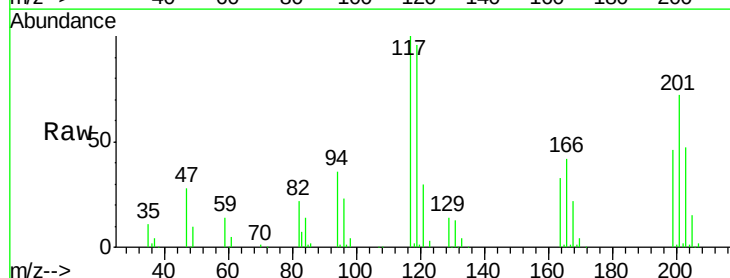
Tgt Ion:117 Resp: 83980

Ion Ratio Lower Upper

117 100

119 95.8 77.9 116.9

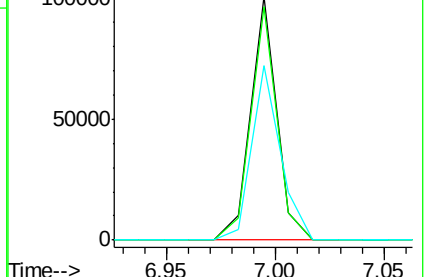
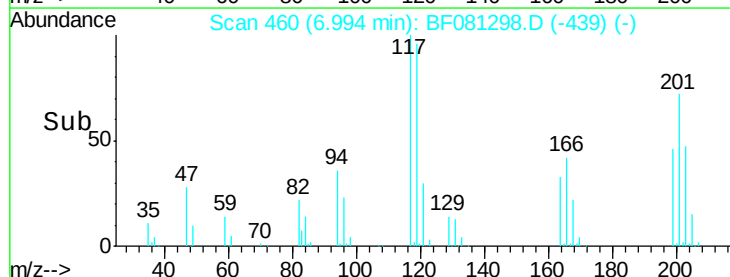
201 71.8 61.3 91.9

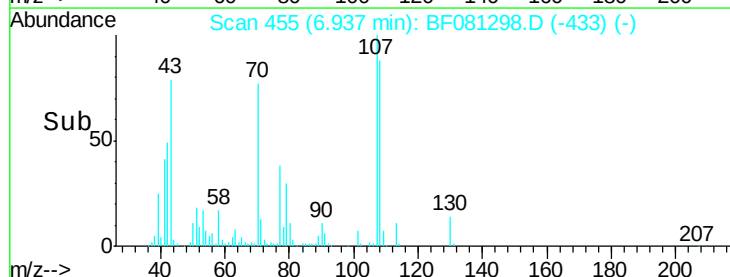
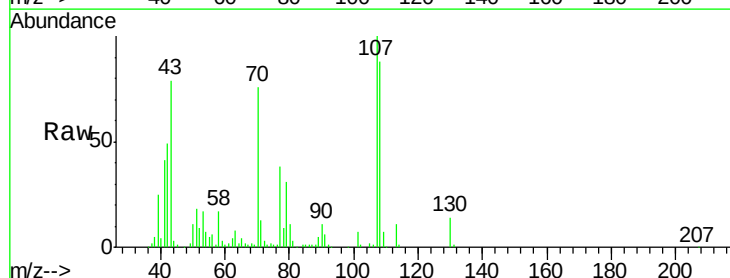
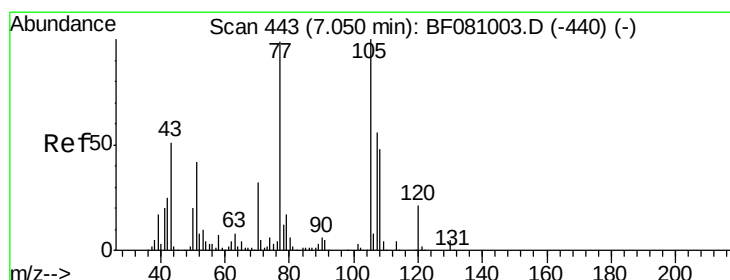
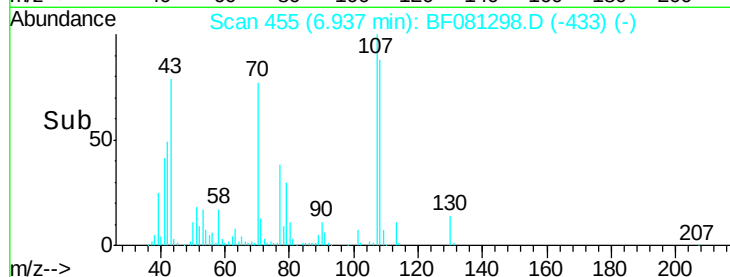
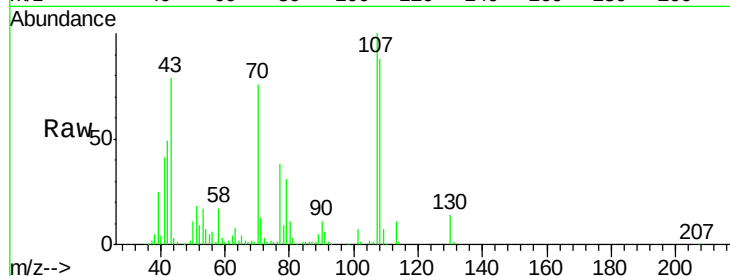
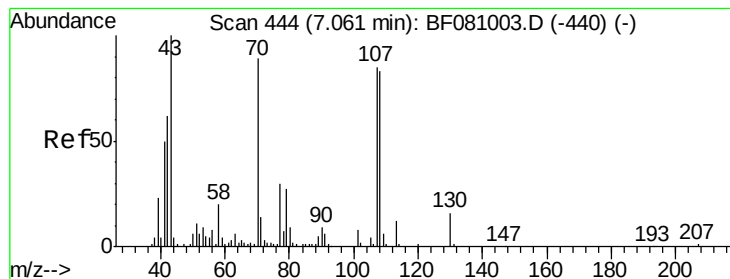


Abundance Ion 117.00 (116.70 to 117.70): E

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: 44.95 ng

RT: 6.94 min Scan# 455

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 177227

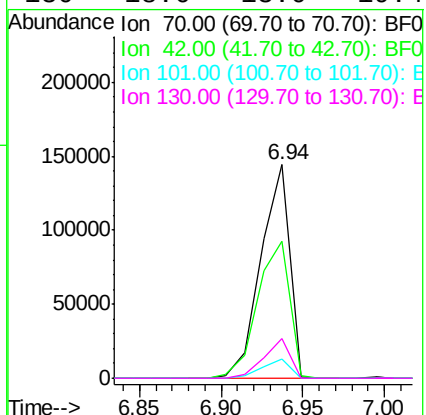
Ion Ratio Lower Upper

70 100

42 64.0 65.0 97.4#

101 9.0 7.4 11.2

130 18.6 13.0 19.4



#20

3+4-Methylphenols

Concen: 37.63 ng

RT: 6.94 min Scan# 455

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Tgt Ion:107 Resp: 195692

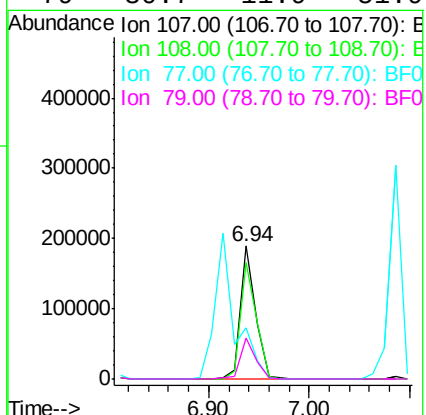
Ion Ratio Lower Upper

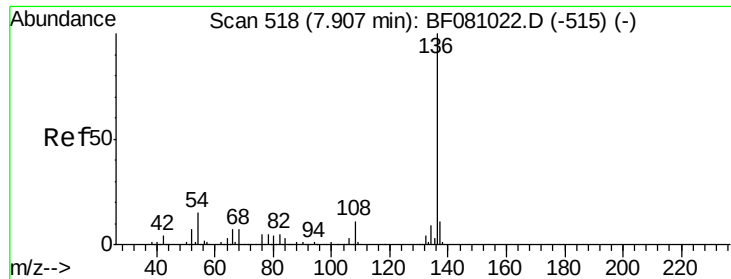
107 100

108 87.9 66.1 106.1

77 38.2 139.3 179.3#

79 30.7 11.9 51.9

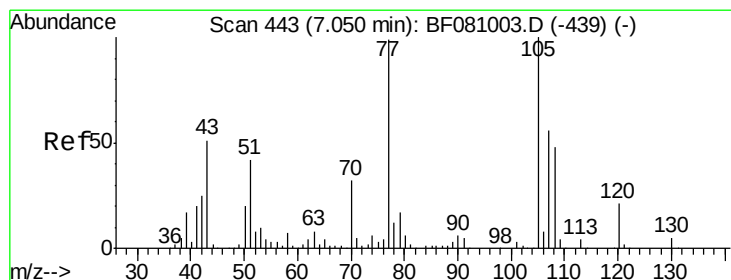
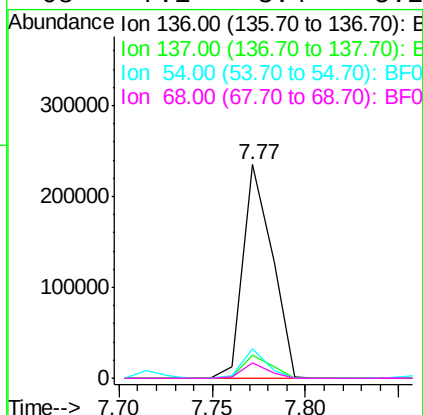
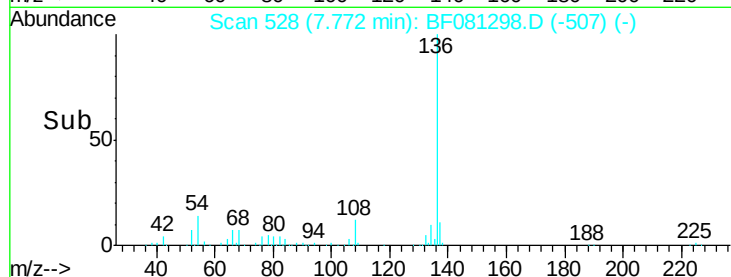
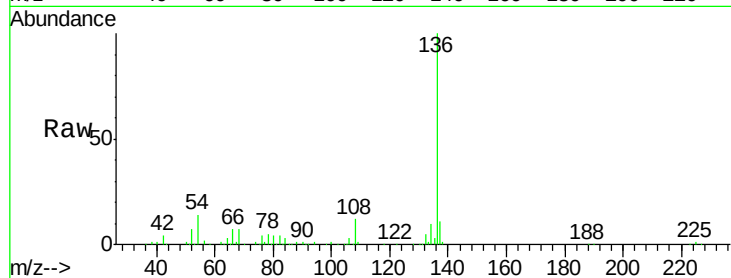




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

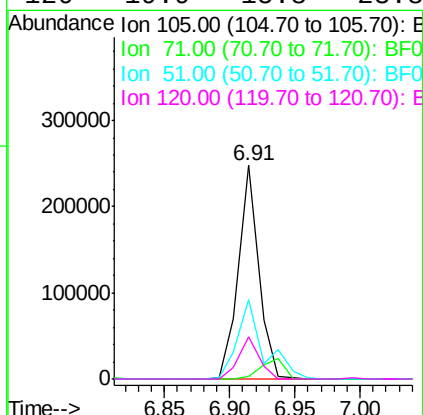
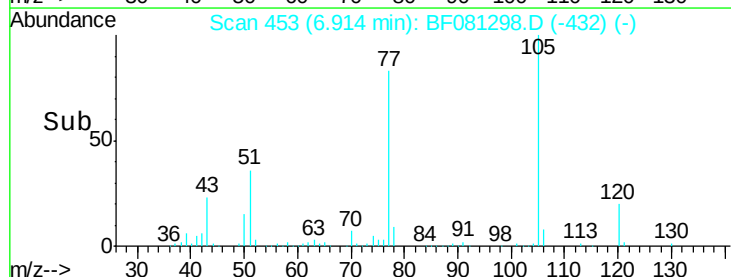
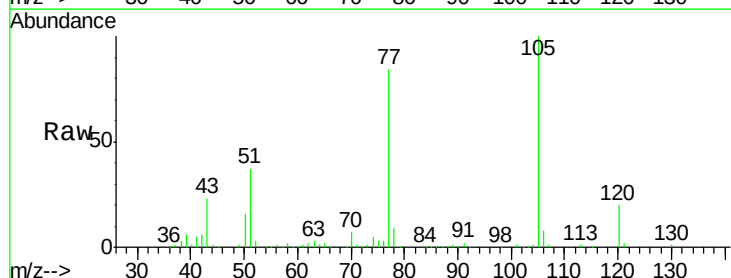
Instrument :
BNA_F
ClientSampleId :

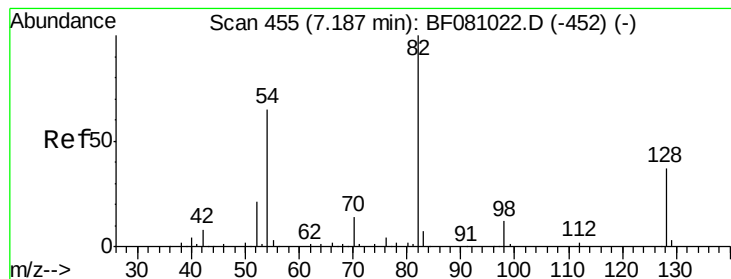
Tot Ion:136	Resp:	258707
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	13.7	7.7 11.5#
68	7.1	3.4 5.2#



#22
Acetophenone
Concen: 39.54 ng
RT: 6.91 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Tgt Ion:105	Resp:	268574
Ion Ratio	Lower	Upper
105	100	
71	1.1	3.0 4.6#
51	37.0	39.8 59.8#
120	19.9	15.8 23.8





#23

Nitrobenzene-d5

Concen: 81.44 ng

RT: 7.06 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

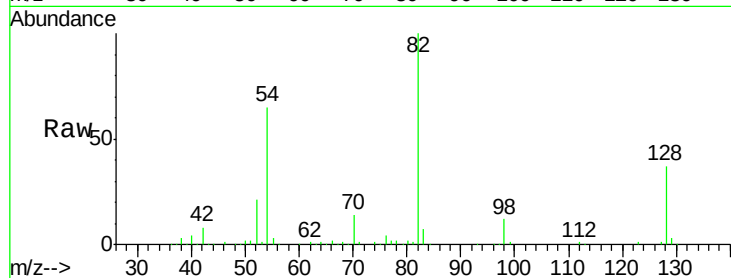
Tot Ion: 82 Resp: 461209

Ion Ratio Lower Upper

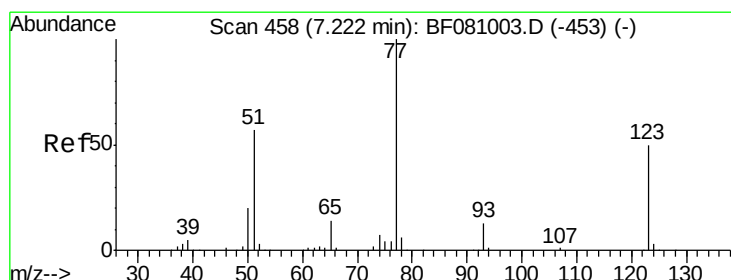
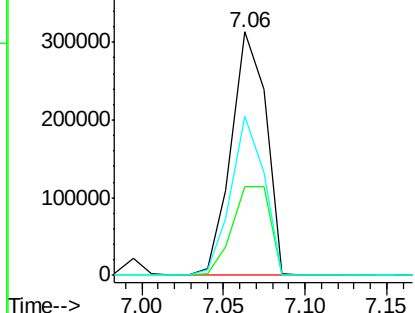
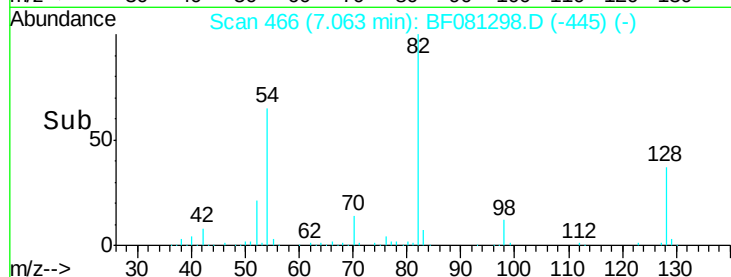
82 100

128 36.6 28.6 42.8

54 65.5 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: 42.14 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

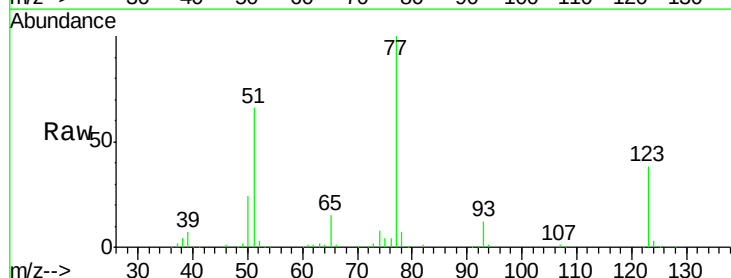
Tgt Ion: 77 Resp: 249536

Ion Ratio Lower Upper

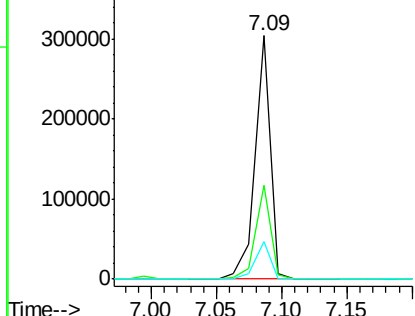
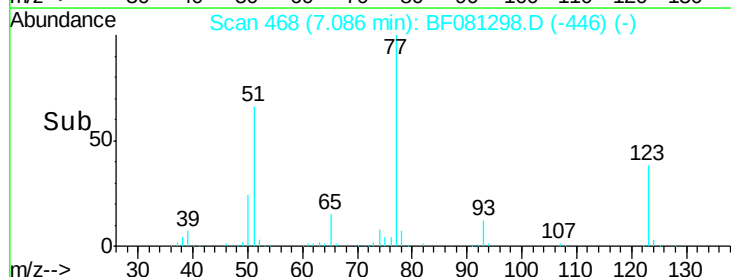
77 100

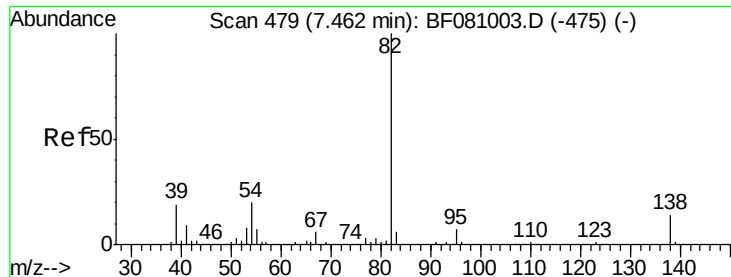
123 38.4 32.9 49.3

65 15.4 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: 41.59 ng

RT: 7.34 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

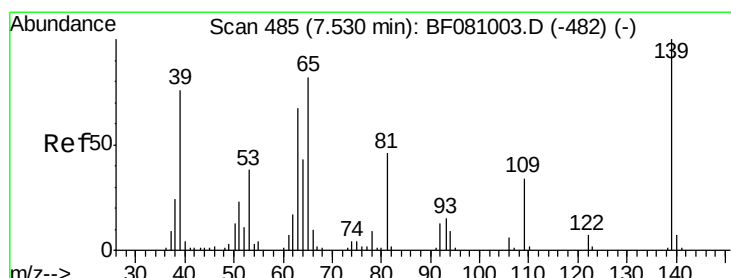
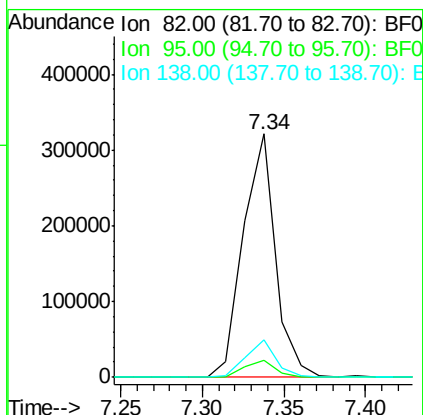
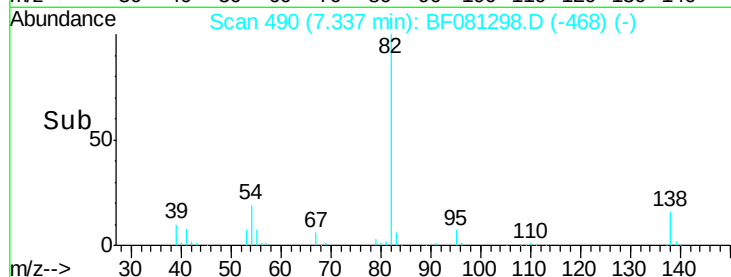
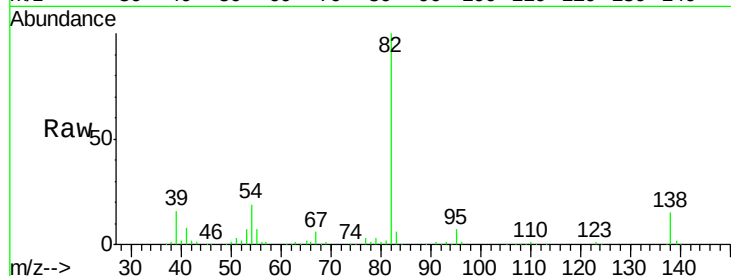
Tot Ion: 82 Resp: 439243

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 15.4 10.5 15.7



#26

2-Nitrophenol

Concen: 39.41 ng

RT: 7.39 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

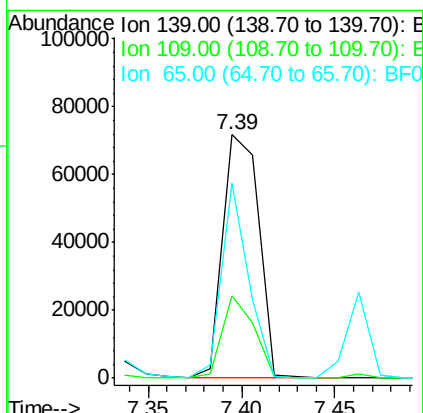
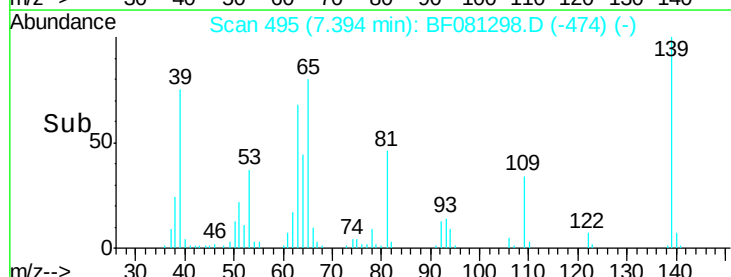
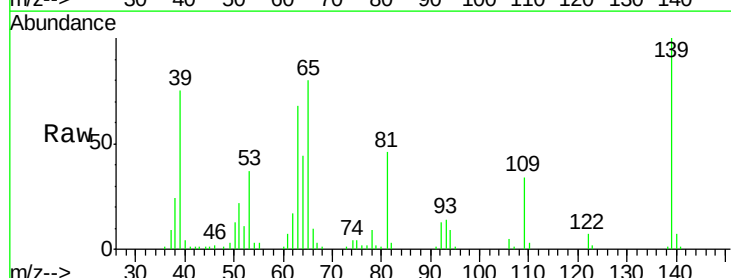
Tgt Ion: 139 Resp: 97039

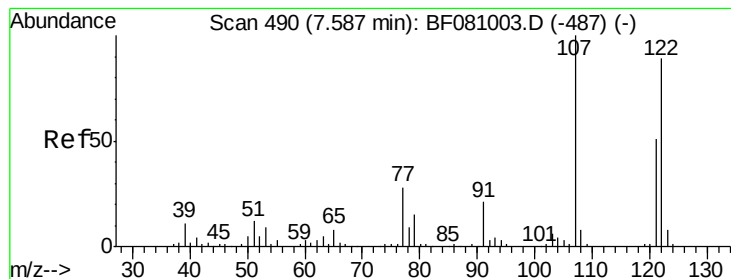
Ion Ratio Lower Upper

139 100

109 33.8 32.1 48.1

65 79.9 69.9 104.9





#27

2,4-Dimethylphenol

Concen: 38.05 ng

RT: 7.46 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :
BNA_F
ClientSampled :

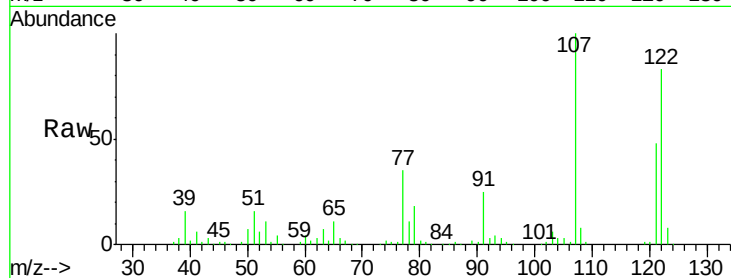
Tot Ion:122 Resp: 165770

Ion Ratio Lower Upper

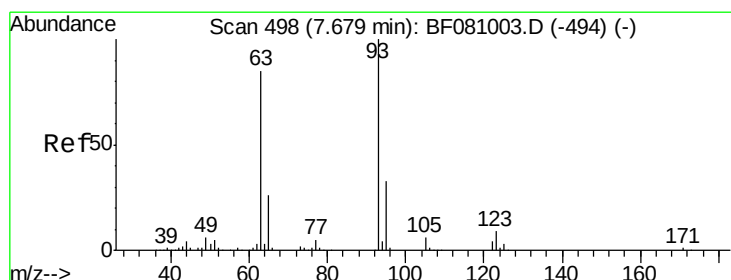
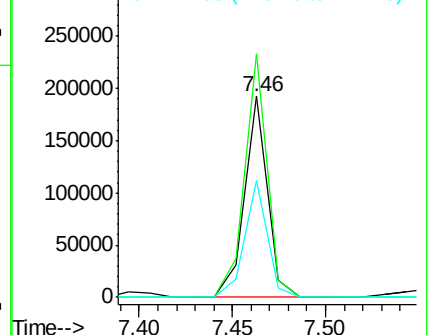
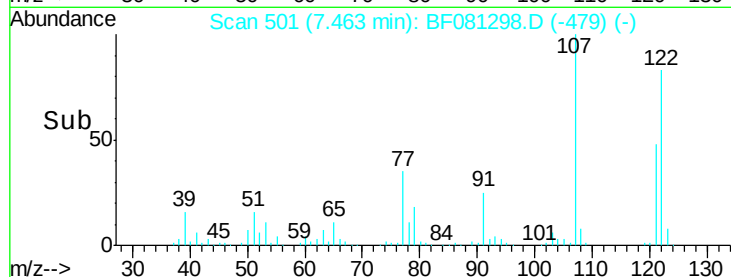
122 100

107 121.1 103.8 155.6

121 58.2 47.0 70.4



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



#28

bis(2-Chloroethoxy)methane

Concen: 43.63 ng

RT: 7.55 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

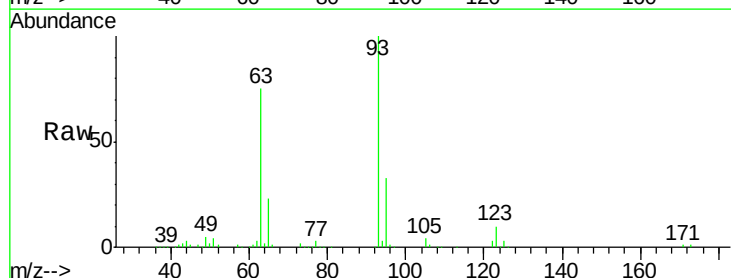
Tgt Ion: 93 Resp: 272241

Ion Ratio Lower Upper

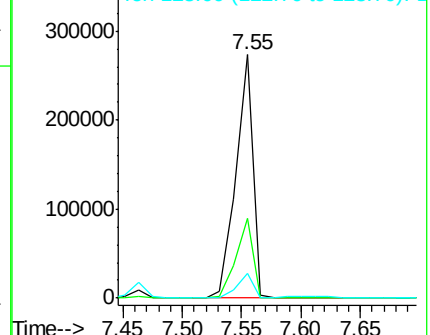
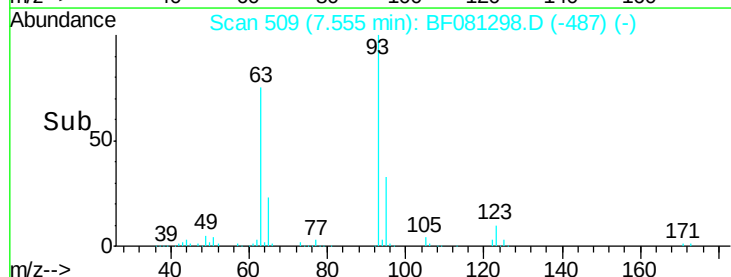
93 100

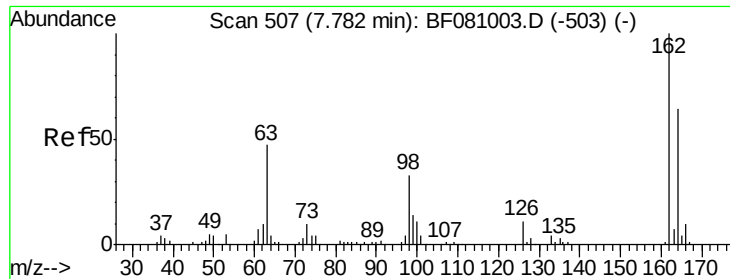
95 33.0 25.8 38.8

123 10.0 7.4 11.0



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

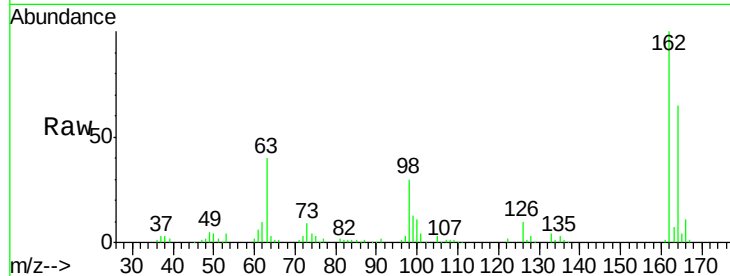




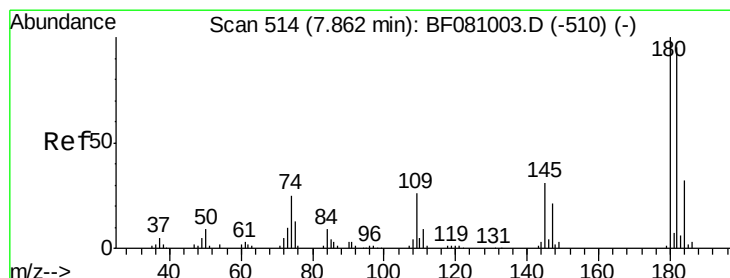
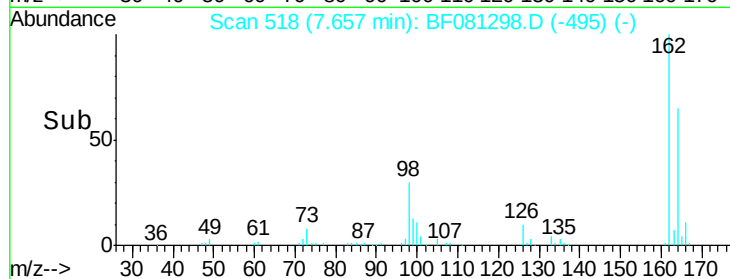
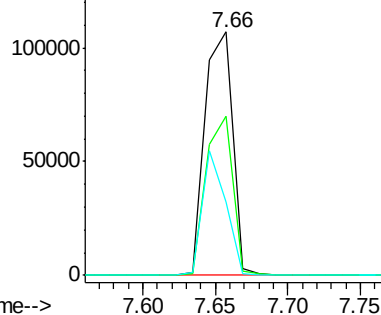
#29
 2,4-Dichlorophenol
 Concen: 38.78 ng
 RT: 7.66 min Scan# 518
 Delta R.T. -0.04 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	43.2	83.2
98	30.2	12.3	52.3

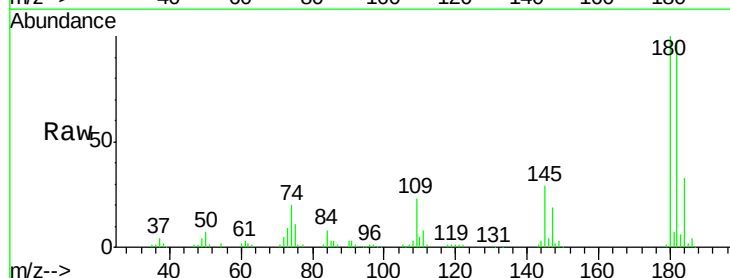


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

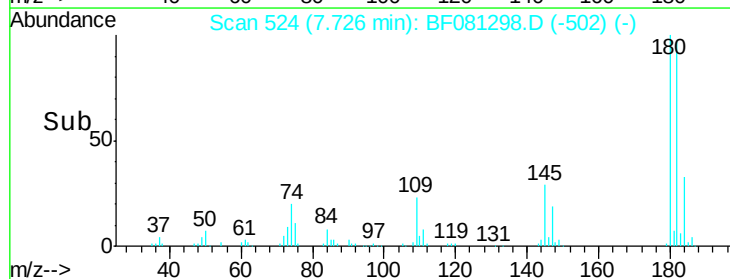
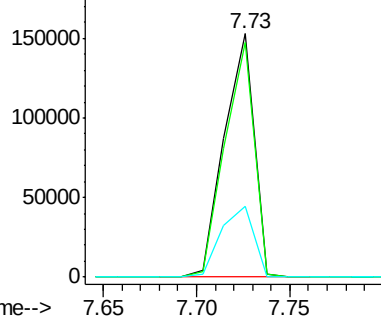


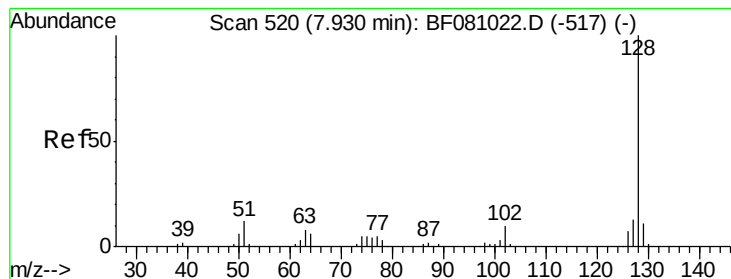
#30
 1,2,4-Trichlorobenzene
 Concen: 41.42 ng
 RT: 7.73 min Scan# 524
 Delta R.T. -0.05 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	29.3	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: 35.23 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

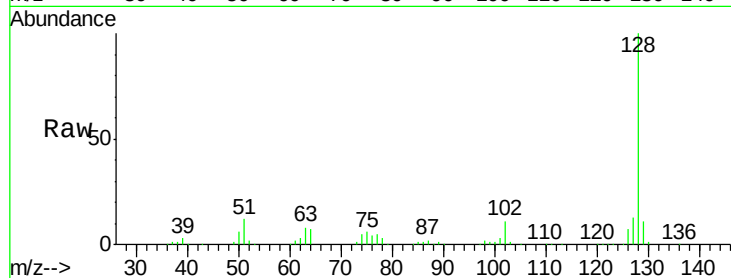
Tot Ion:128 Resp: 508104

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

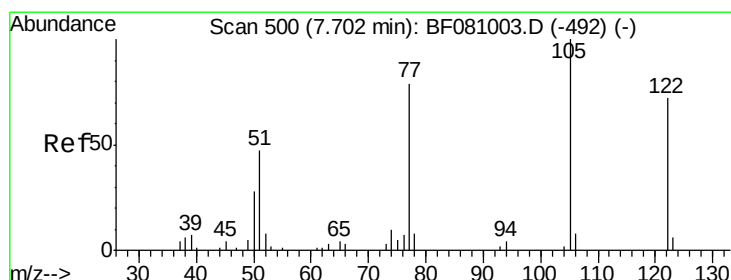
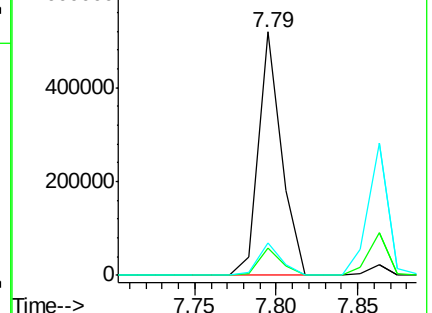
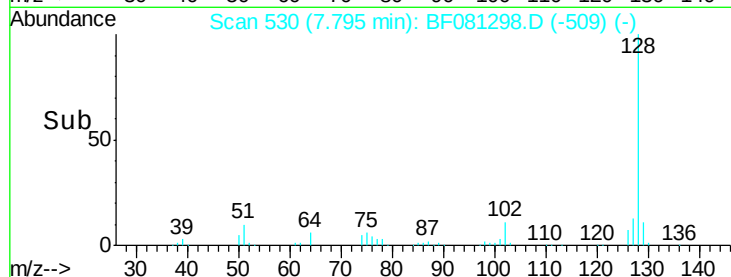
127 13.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.53 ng

RT: 7.62 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

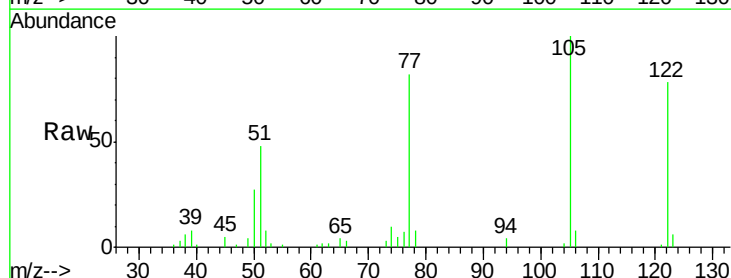
Tgt Ion:122 Resp: 99312

Ion Ratio Lower Upper

122 100

105 129.0 113.8 153.8

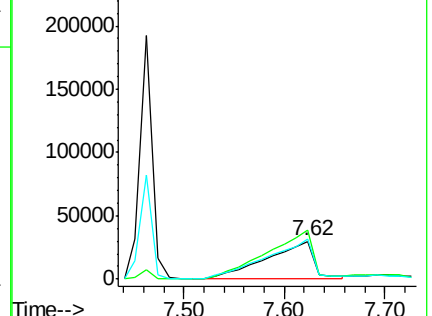
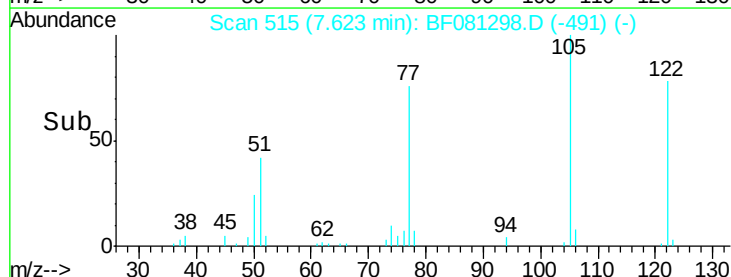
77 105.7 93.8 133.8

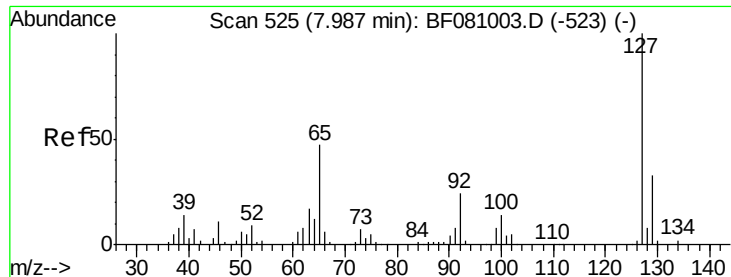


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

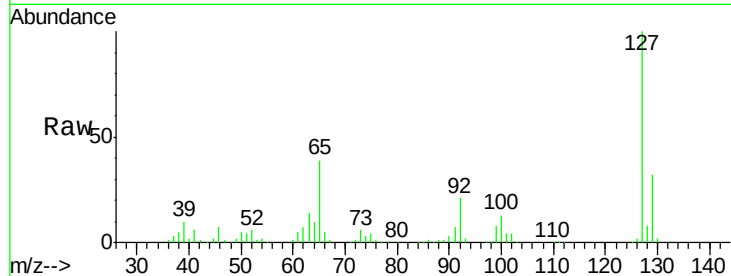




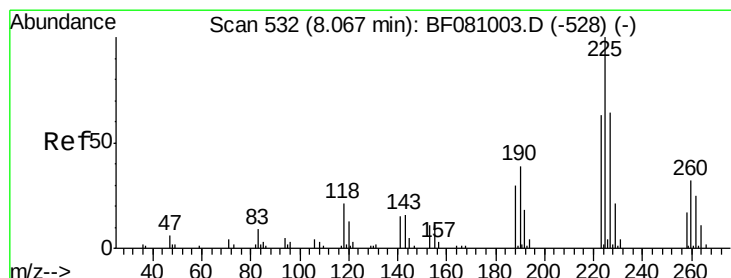
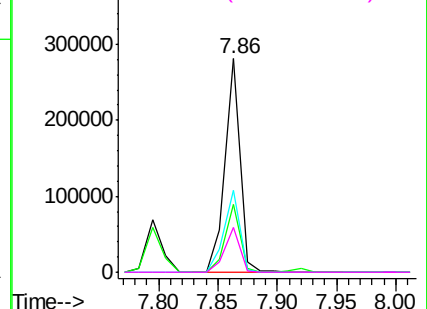
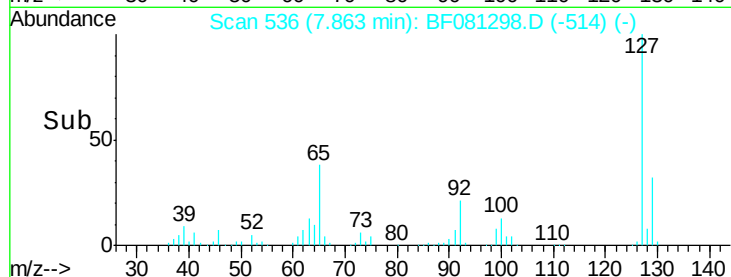
#33
4-Chloroaniline
Concen: 40.05 ng
RT: 7.86 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	243724
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.2	37.8
65	38.6	37.8	56.6
92	21.3	19.5	29.3

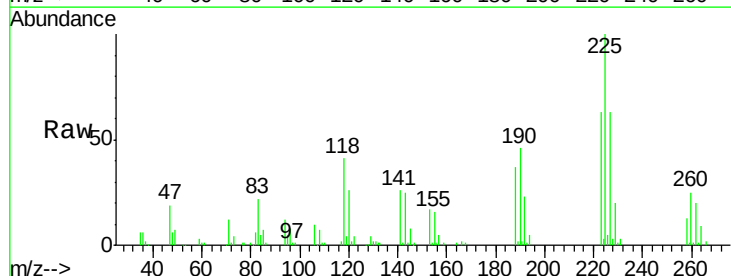


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

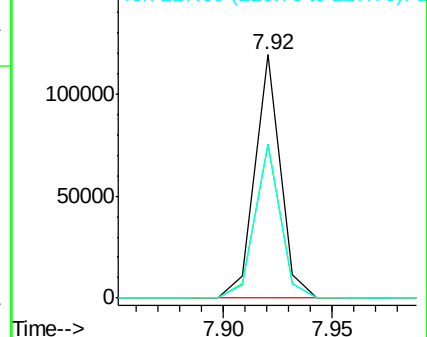
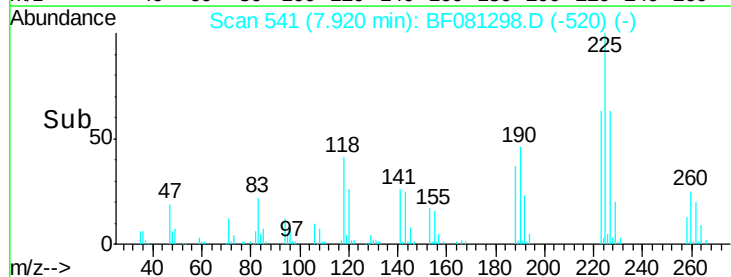


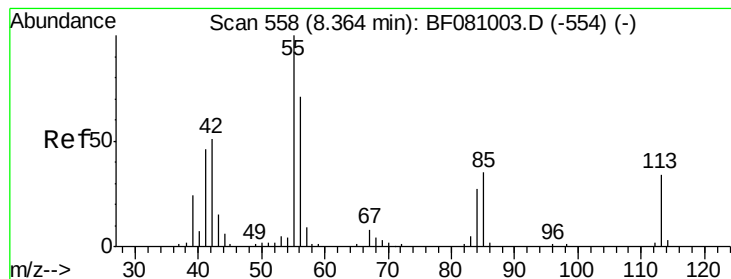
#34
Hexachlorobutadiene
Concen: 42.07 ng
RT: 7.92 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Tgt Ion:	225	Resp:	96969
Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.6	79.0
227	63.3	51.1	76.7



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





#35

Caprolactam

Concen: 39.73 ng

RT: 8.26 min Scan# 571

Delta R.T. -0.04 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

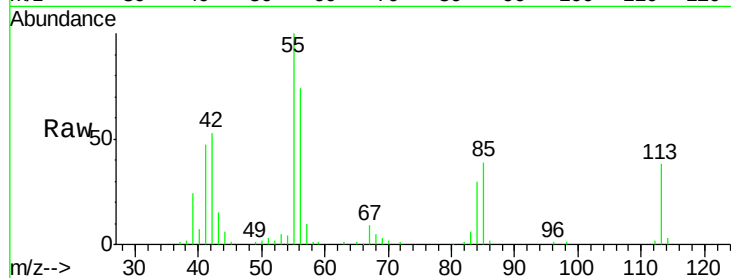
Tot Ion:113 Resp: 50935

Ion Ratio Lower Upper

113 100

55 263.6 280.4 320.4#

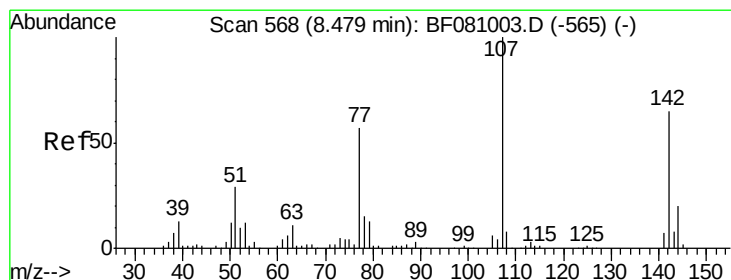
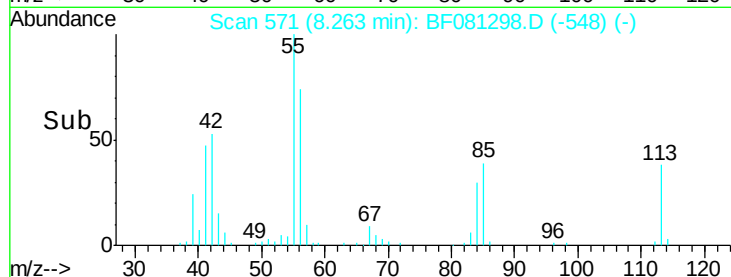
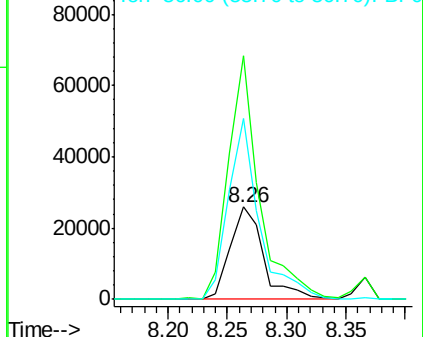
56 195.6 205.9 245.9#



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: 42.28 ng

RT: 8.37 min Scan# 580

Delta R.T. -0.04 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

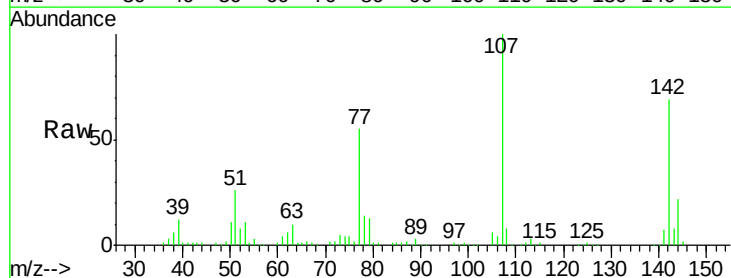
Tgt Ion:107 Resp: 184801

Ion Ratio Lower Upper

107 100

144 22.2 17.2 25.8

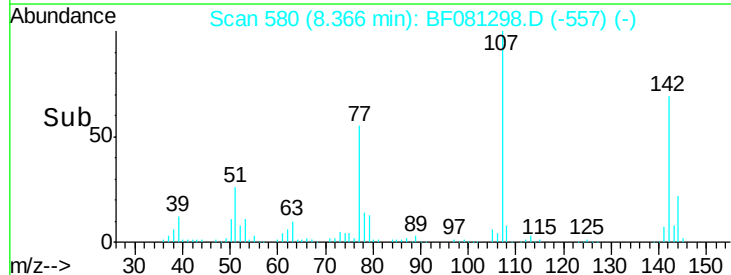
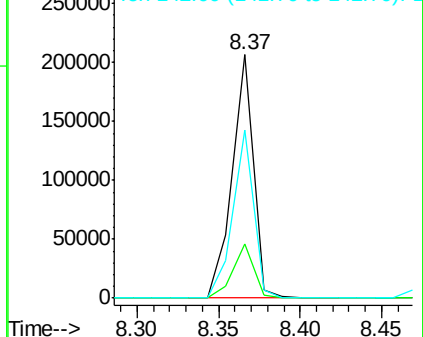
142 69.0 54.9 82.3

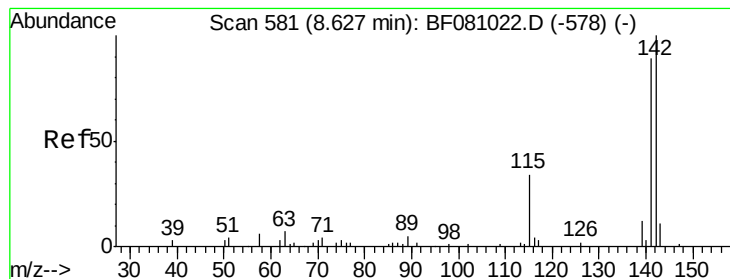


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.66 ng

RT: 8.49 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

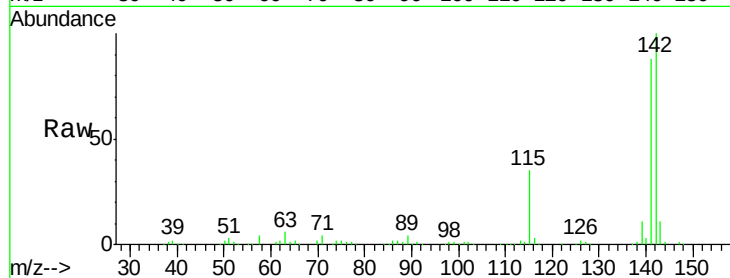
Tot Ion:142 Resp: 379523

Ion Ratio Lower Upper

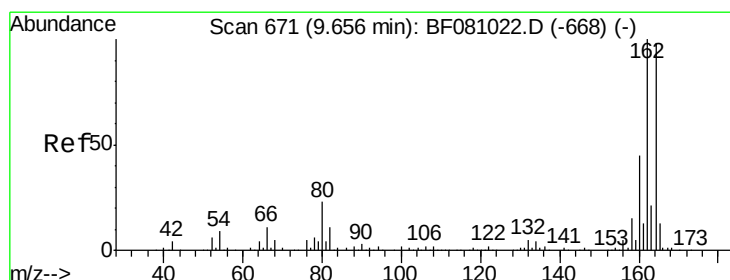
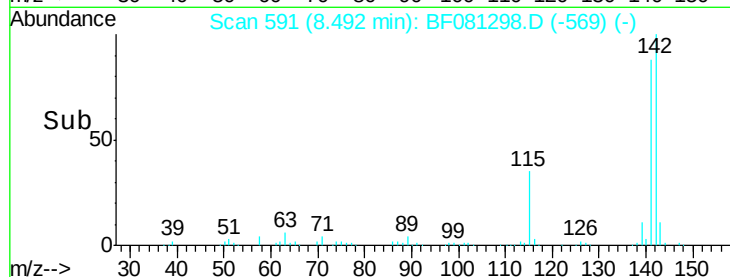
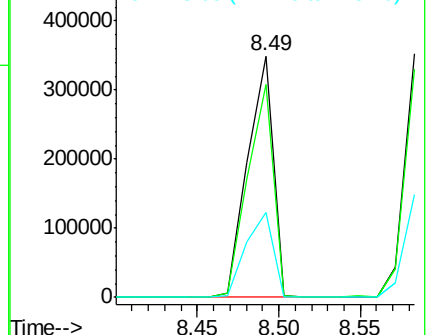
142 100

141 88.5 71.4 107.2

115 35.2 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: 9.52 min Scan# 681

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

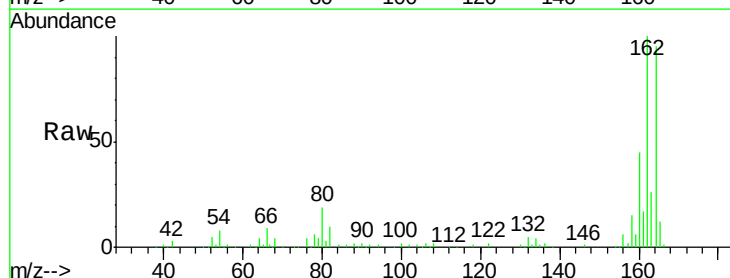
Tgt Ion:164 Resp: 120618

Ion Ratio Lower Upper

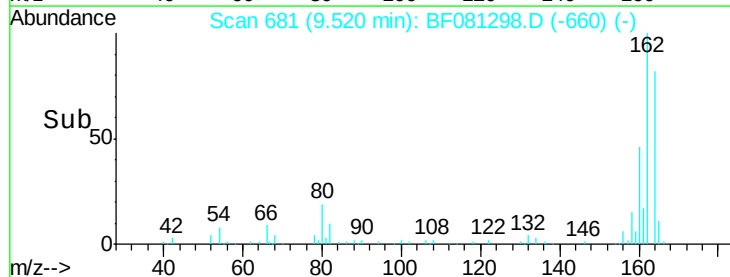
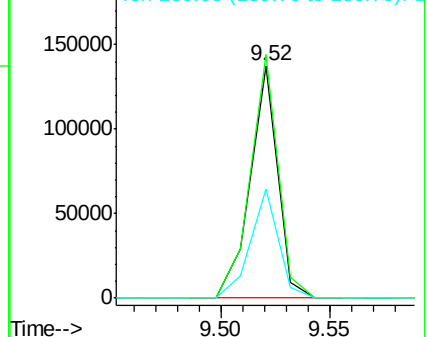
164 100

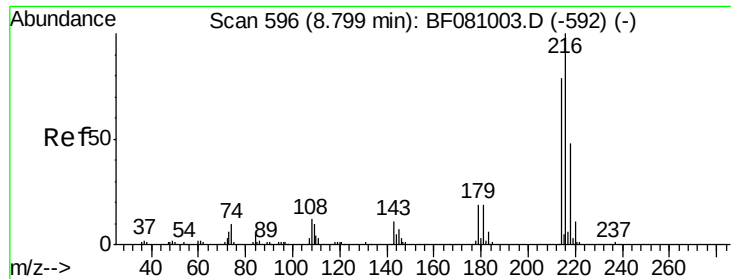
162 104.8 83.8 125.8

160 47.1 39.8 59.8



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

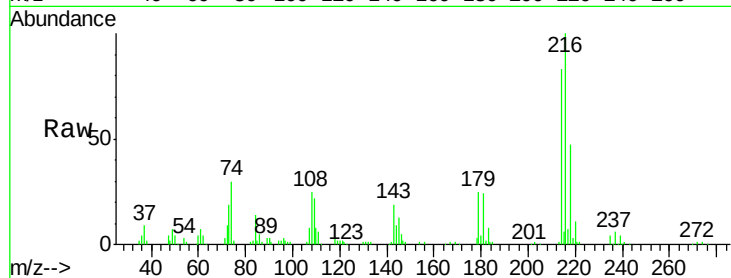




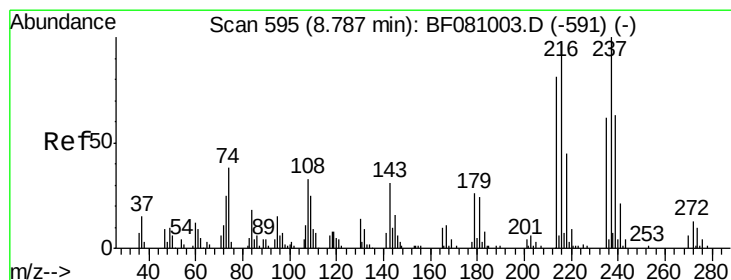
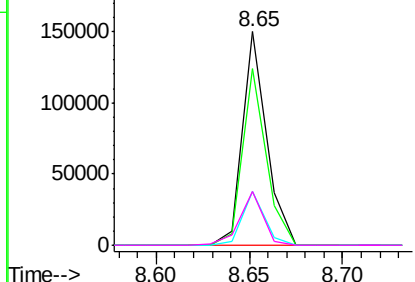
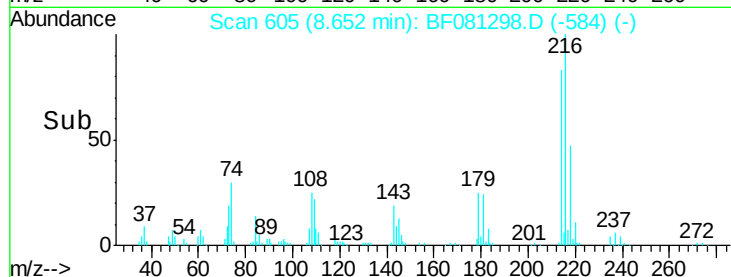
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.70 ng
 RT: 8.65 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	135040
Ion Ratio	Lower	Upper
216	100	
214	81.5	63.8 95.8
179	23.6	17.8 26.8
108	24.2	16.2 24.2

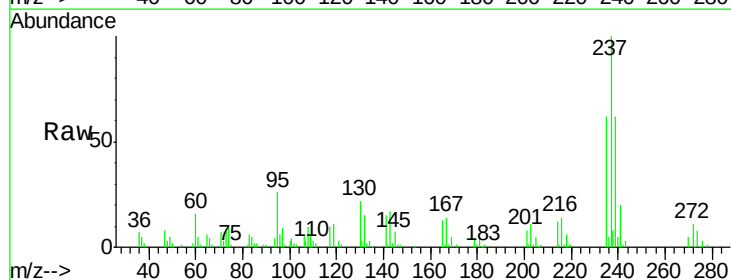


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

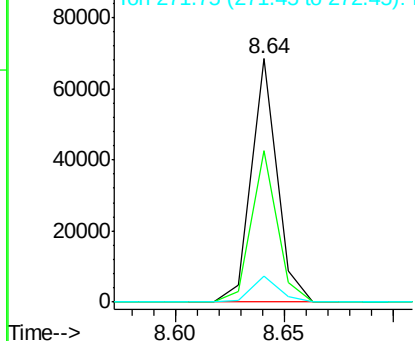
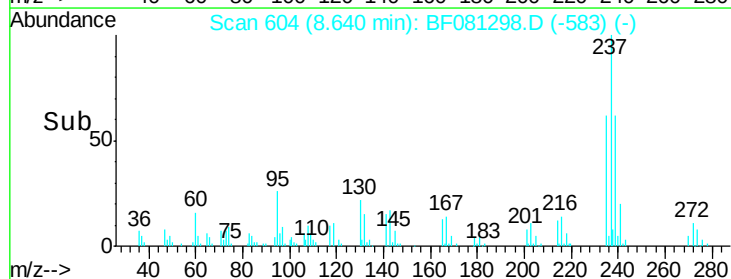


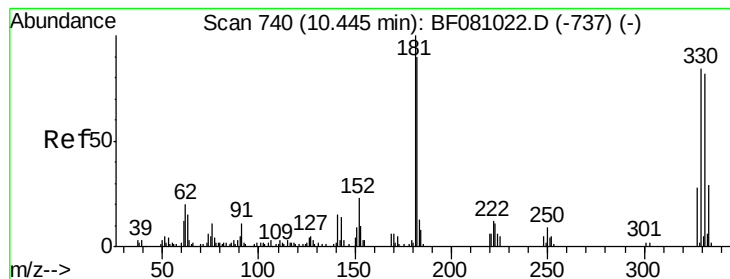
#40
 Hexachlorocyclopentadiene
 Concen: 28.01 ng
 RT: 8.64 min Scan# 604
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion:237	Resp:	56414
Ion Ratio	Lower	Upper
237	100	
235	62.1	43.6 83.6
272	10.6	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: 80.09 ng

RT: 10.31 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

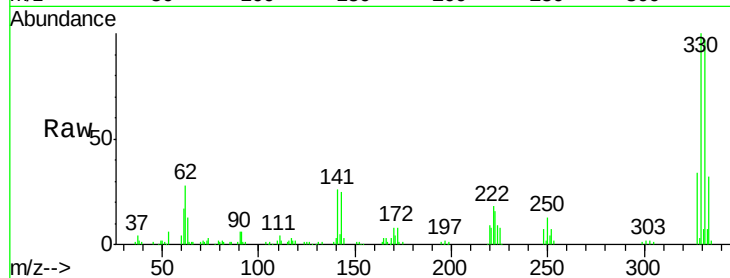
Tot Ion:330 Resp: 83740

Ion Ratio Lower Upper

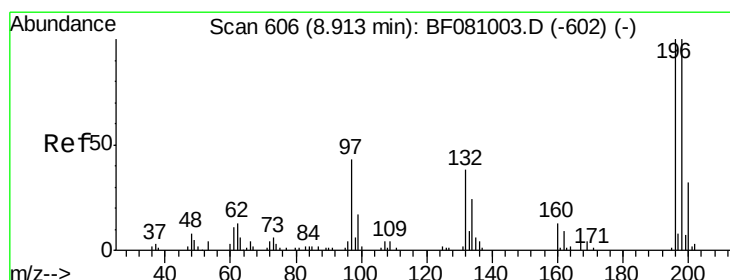
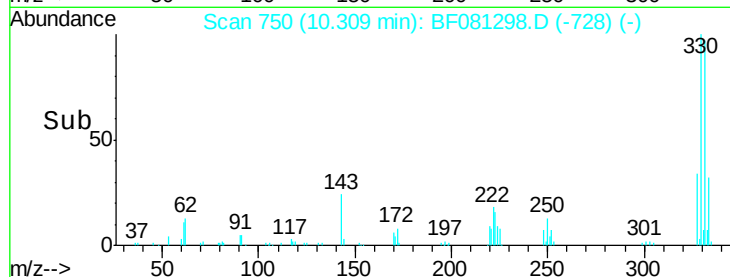
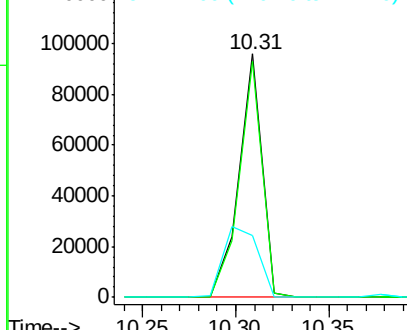
330 100

332 96.0 77.3 115.9

141 43.8 44.9 67.3#



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



#42

2,4,6-Trichlorophenol

Concen: 38.78 ng

RT: 8.78 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

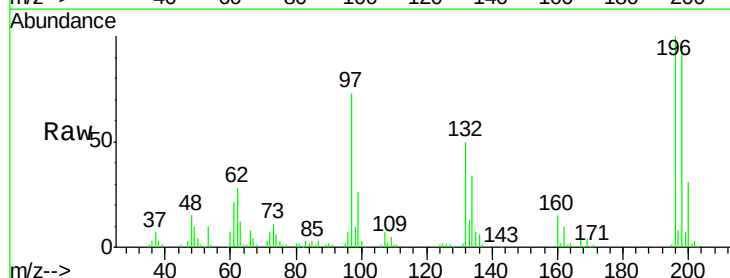
Tgt Ion:196 Resp: 106605

Ion Ratio Lower Upper

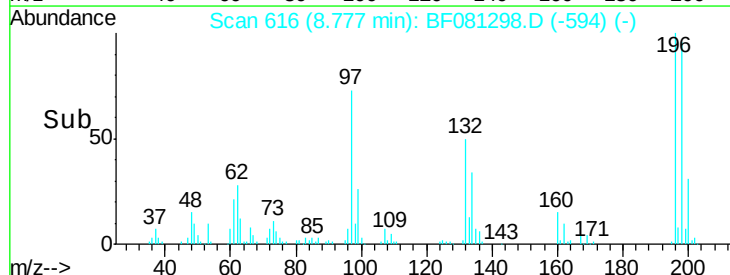
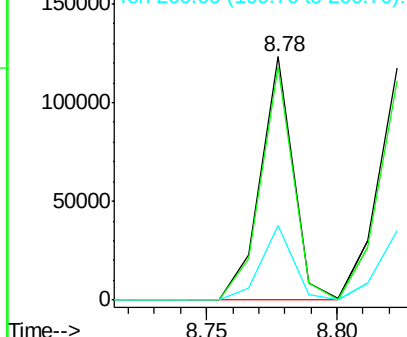
196 100

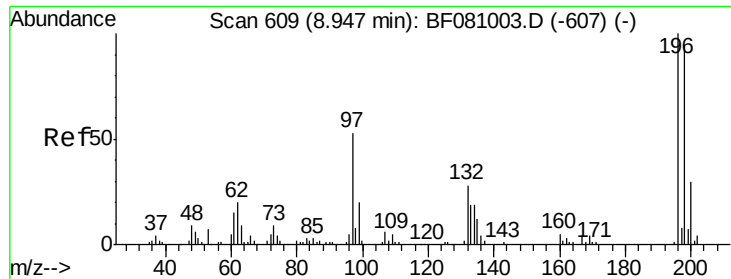
198 95.7 74.6 111.8

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

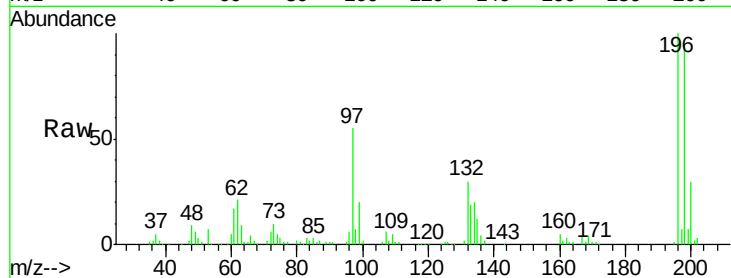




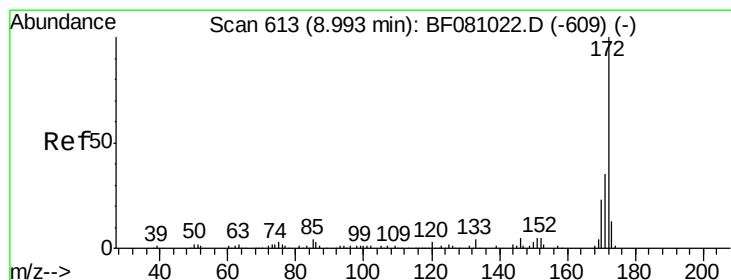
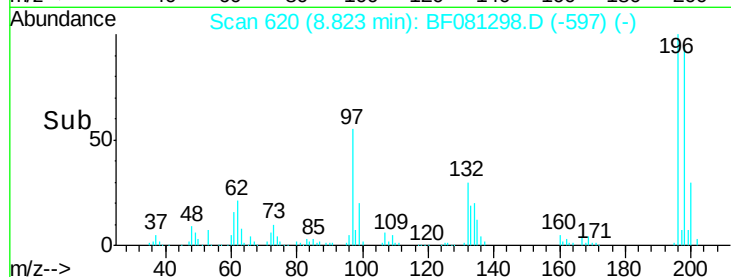
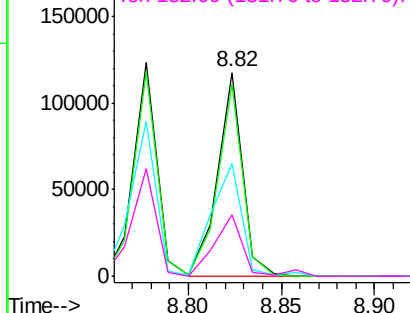
#43
 2,4,5-Trichlorophenol
 Concen: 39.91 ng
 RT: 8.82 min Scan# 620
 Delta R.T. -0.04 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	78.3	117.5
97	55.2	42.7	64.1
132	30.1	23.3	34.9

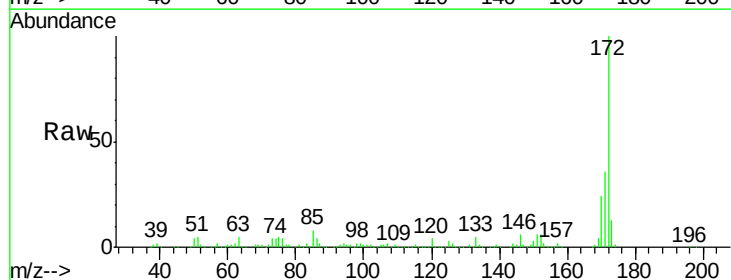


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

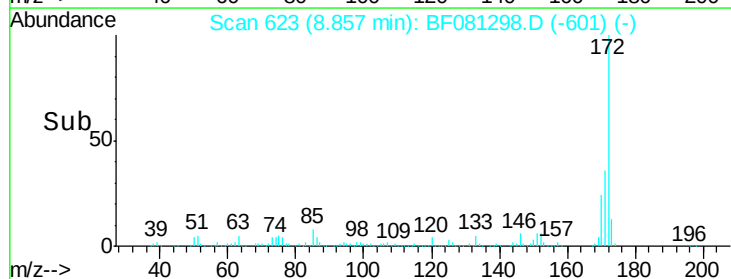
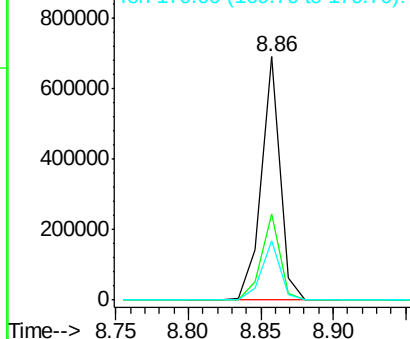


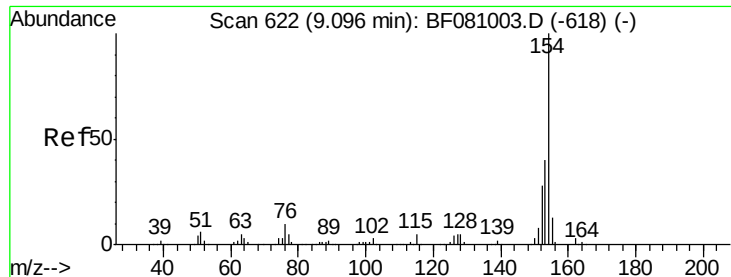
#44
 2-Fluorobiphenyl
 Concen: 67.18 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	24.3	19.4	29.2



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





#45

1,1'-Biphenyl

Concen: 37.54 ng

RT: 8.96 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

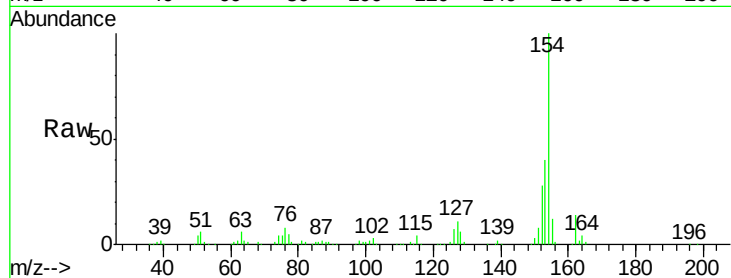
Tot Ion:154 Resp: 398792

Ion Ratio Lower Upper

154 100

153 40.4 19.5 59.5

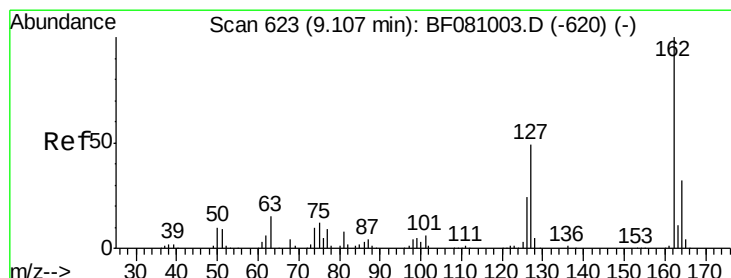
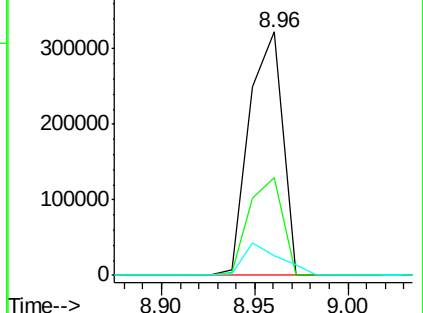
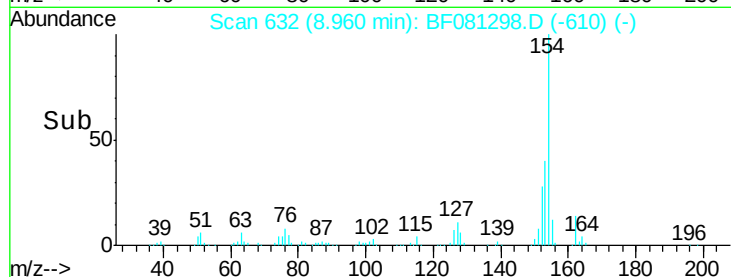
76 8.0 0.0 29.3



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: 34.57 ng

RT: 8.97 min Scan# 633

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

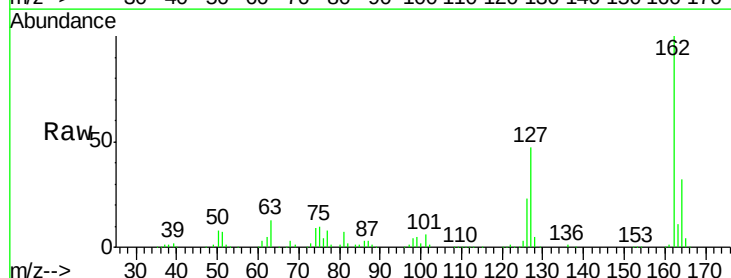
Tgt Ion:162 Resp: 295093

Ion Ratio Lower Upper

162 100

127 47.0 31.3 46.9#

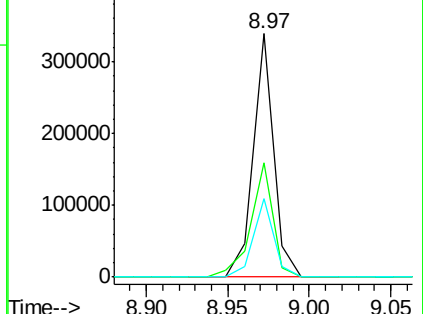
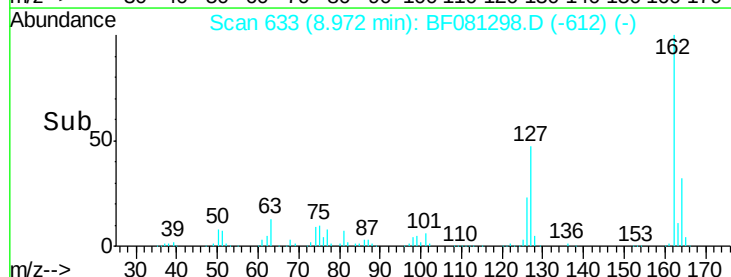
164 32.2 26.3 39.5

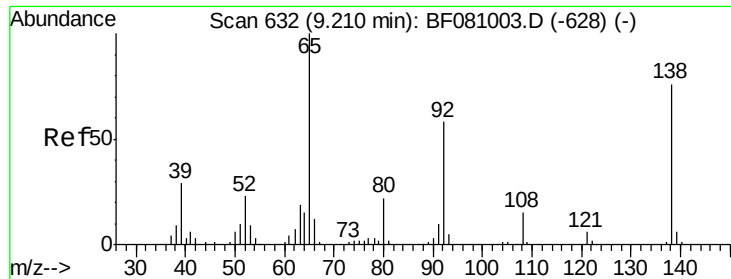


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

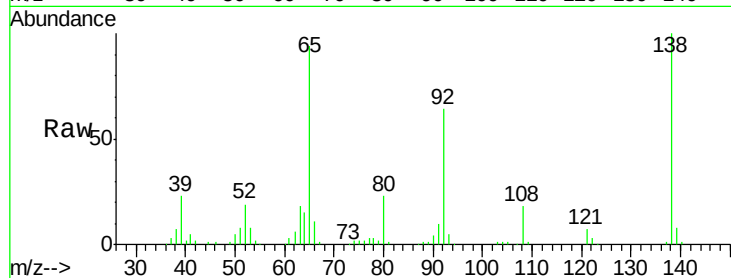




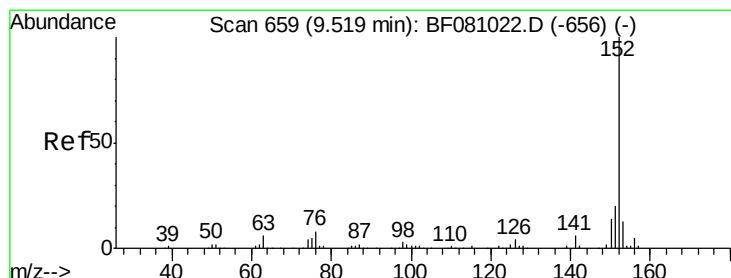
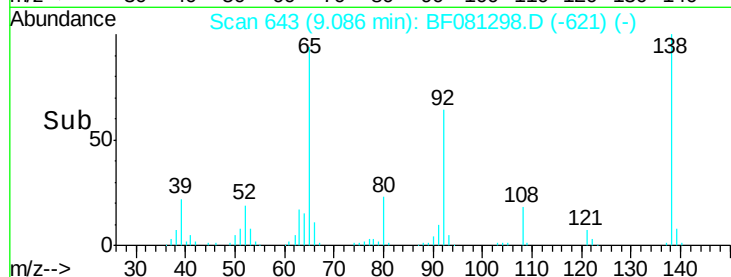
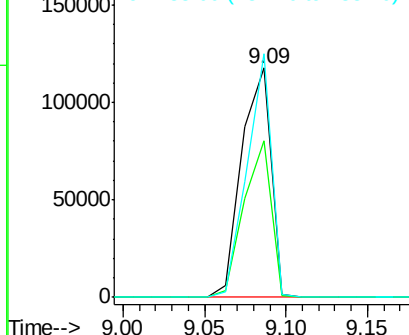
#47
 2-Nitroaniline
 Concen: 41.73 ng
 RT: 9.09 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 145750
 Ion Ratio Lower Upper
 65 100
 92 68.4 45.6 68.4
 138 106.4 57.9 86.9#

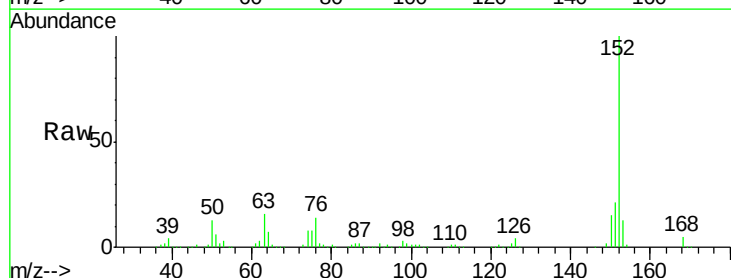


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

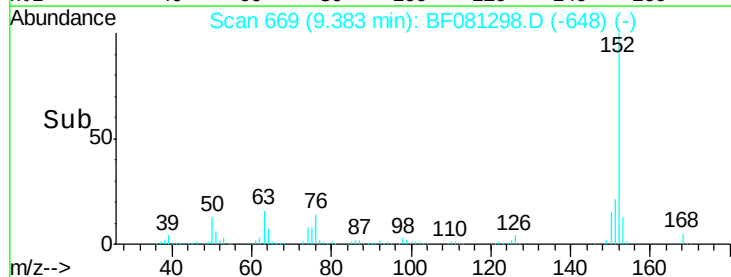
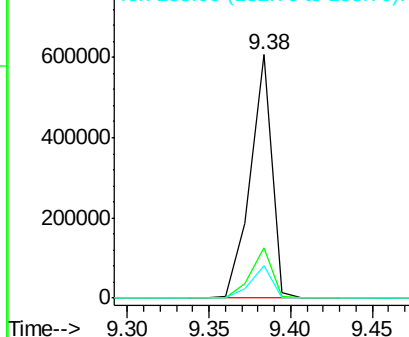


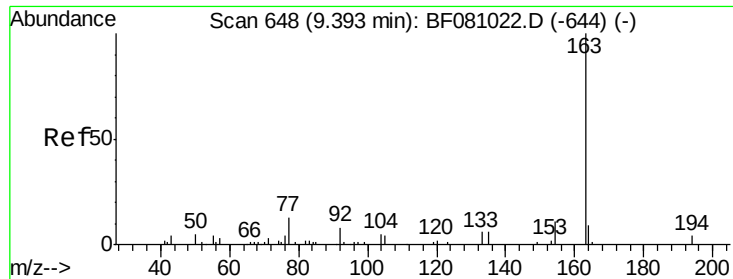
#48
 Acenaphthylene
 Concen: 36.43 ng
 RT: 9.38 min Scan# 669
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion:152 Resp: 556266
 Ion Ratio Lower Upper
 152 100
 151 20.6 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: 38.30 ng

RT: 9.27 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

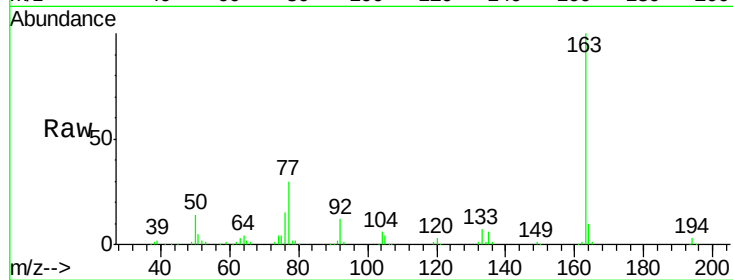
Tot Ion:163 Resp: 380485

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

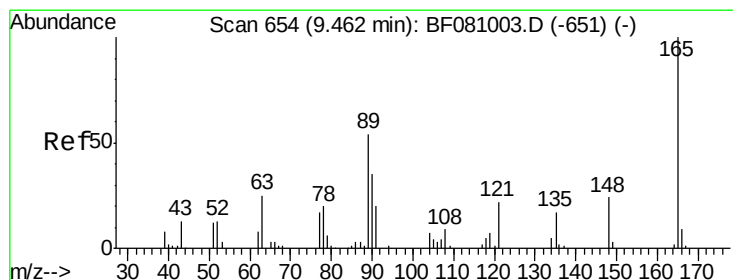
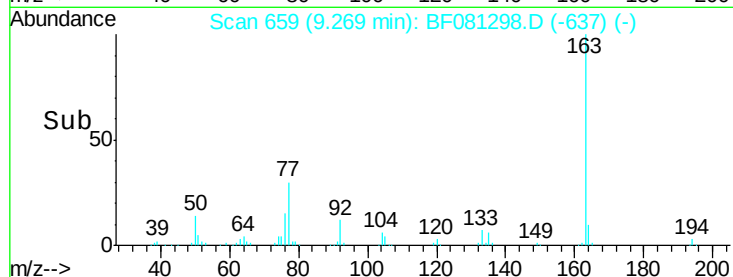
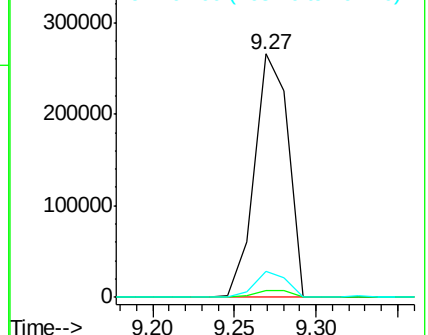
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.57 ng

RT: 9.33 min Scan# 664

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

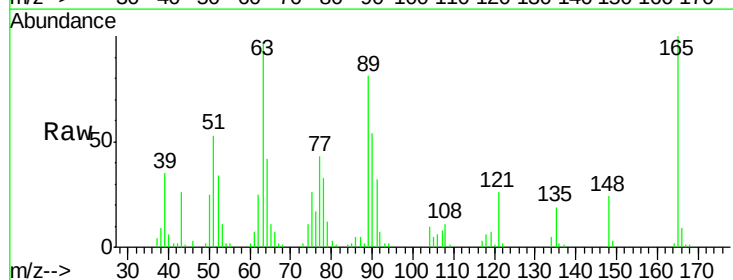
Tgt Ion:165 Resp: 69456

Ion Ratio Lower Upper

165 100

63 97.4 49.5 74.3#

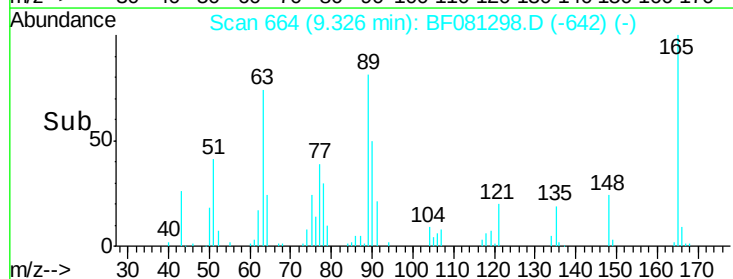
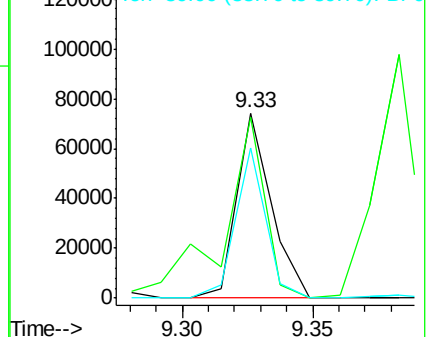
89 81.3 47.6 71.4#

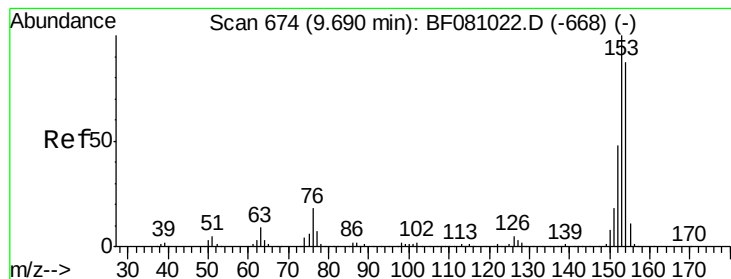


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.34 ng

RT: 9.55 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

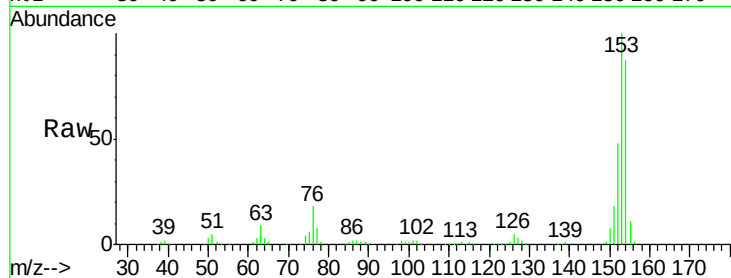
Tot Ion:154 Resp: 313883

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

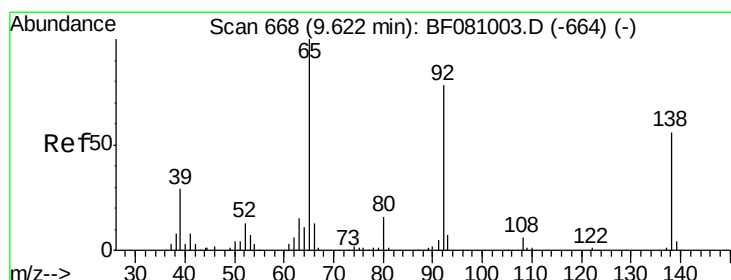
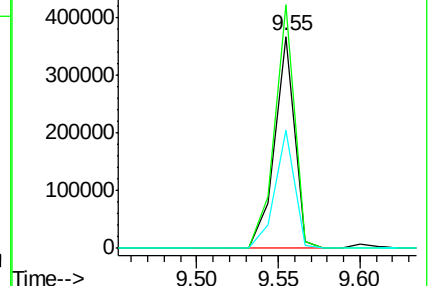
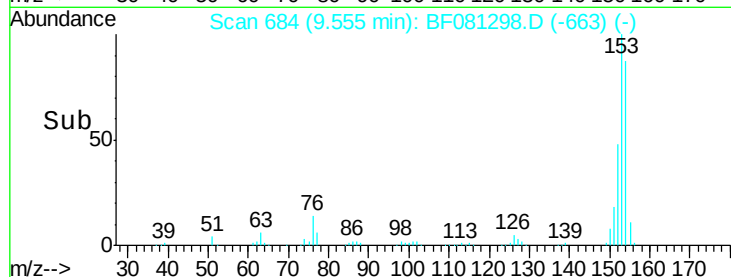
152 55.7 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.96 ng

RT: 9.50 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

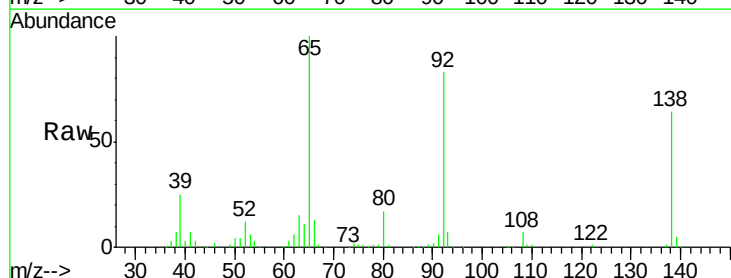
Tgt Ion:138 Resp: 109312

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.2

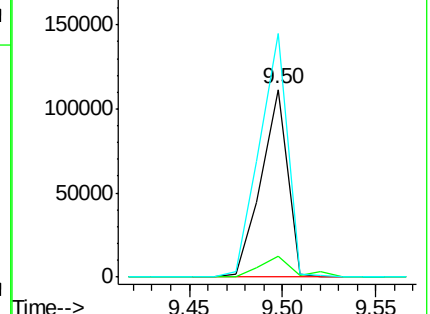
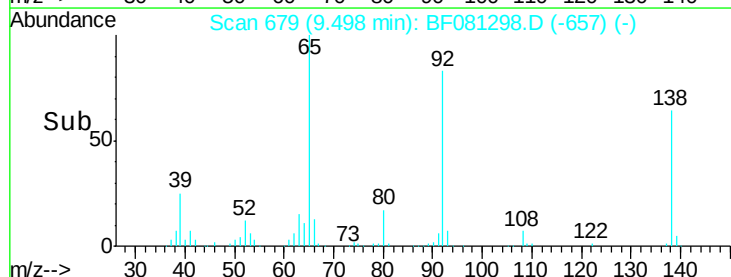
92 129.7 113.2 169.8

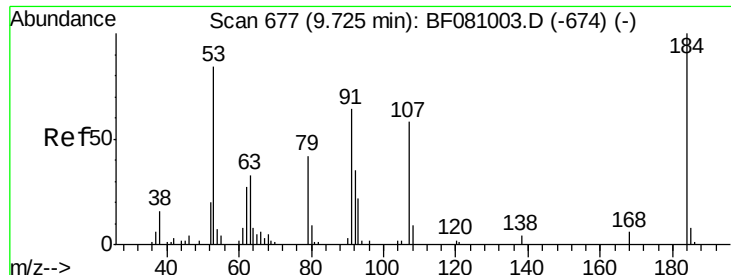


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

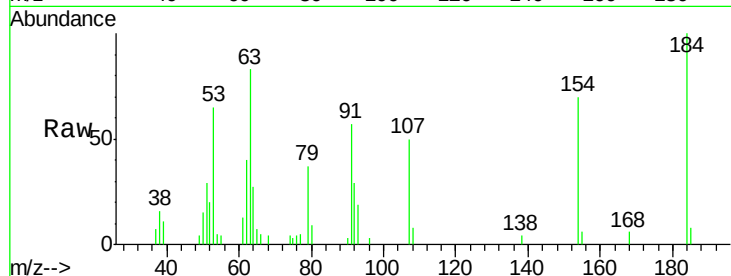




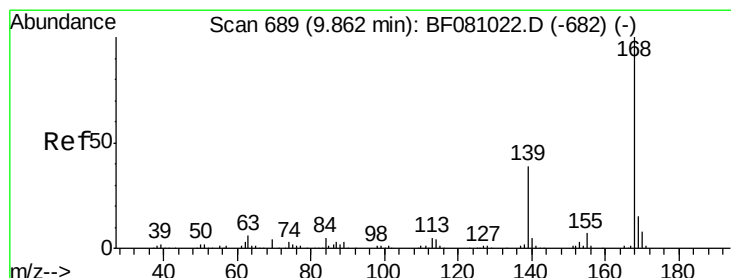
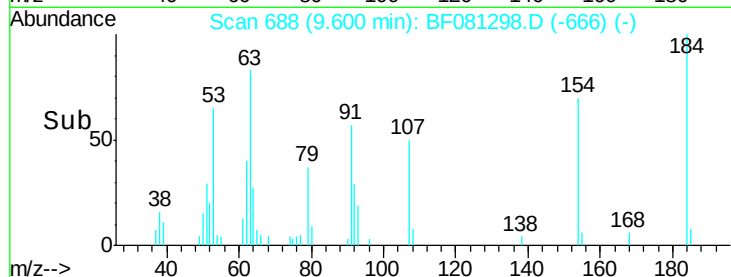
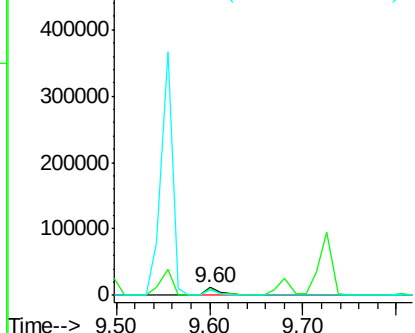
#53
 2,4-Dinitrophenol
 Concen: 19.63 ng
 RT: 9.60 min Scan# 688
 Delta R.T. -0.05 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 17736
 Ion Ratio Lower Upper
 184 100
 63 82.9 101.7 152.5#
 154 69.7 67.4 101.0

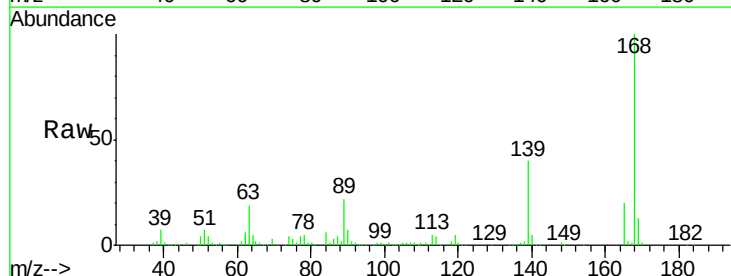


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

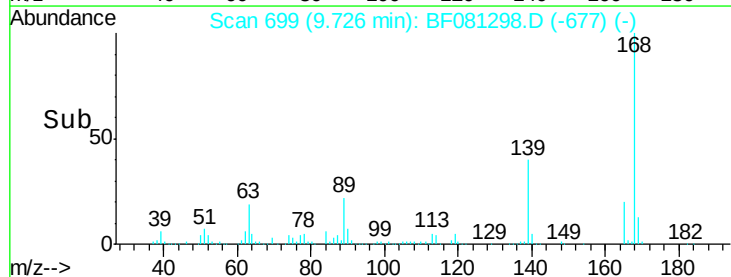
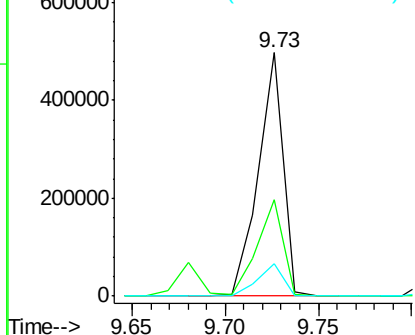


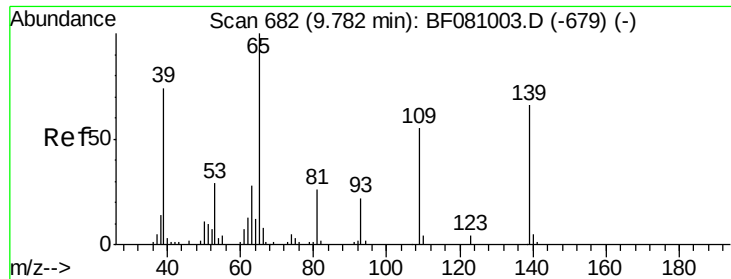
#54
 Dibenzofuran
 Concen: 37.75 ng
 RT: 9.73 min Scan# 699
 Delta R.T. -0.05 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion:168 Resp: 462363
 Ion Ratio Lower Upper
 168 100
 139 39.7 29.3 43.9
 169 13.5 10.3 15.5



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

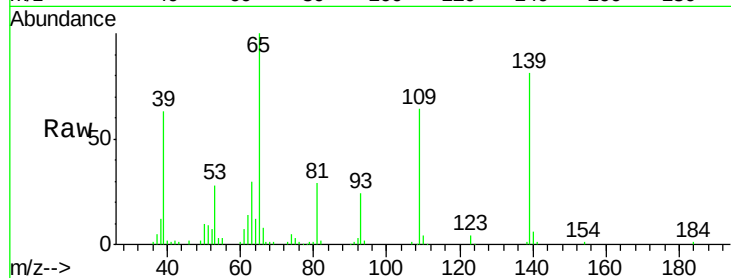




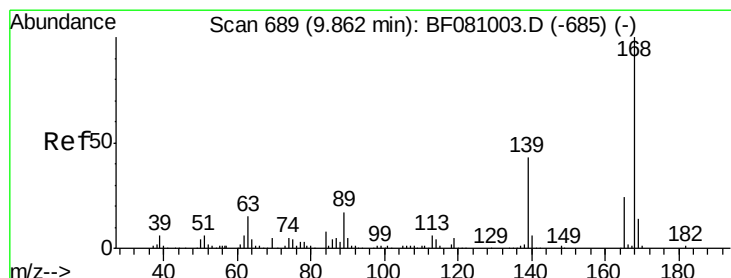
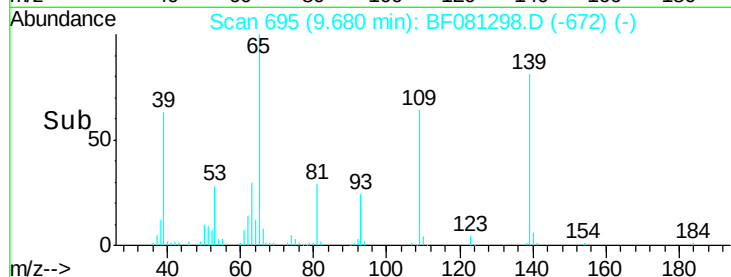
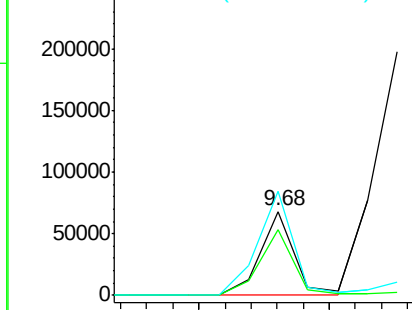
#55
4-Nitrophenol
Concen: 33.15 ng
RT: 9.68 min Scan# 695
Delta R.T. -0.04 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 62141
Ion Ratio Lower Upper
139 100
109 79.0 80.0 120.0#
65 123.8 138.3 178.3#

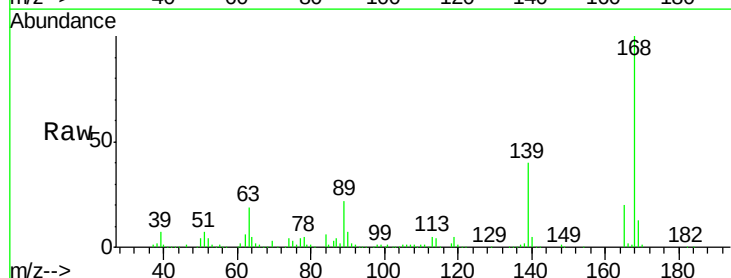


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

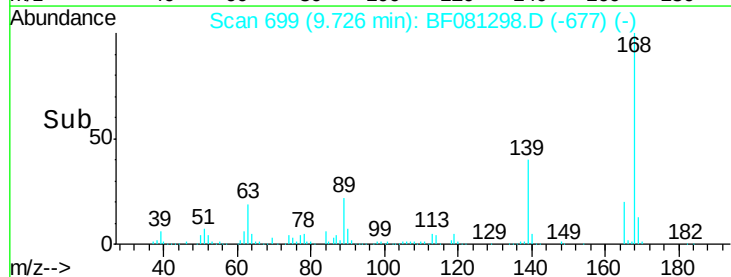
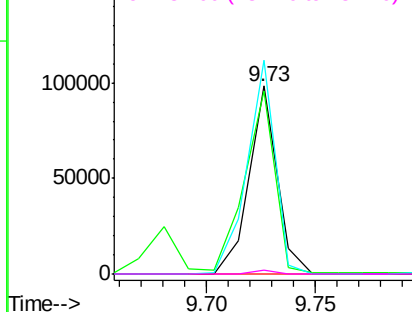


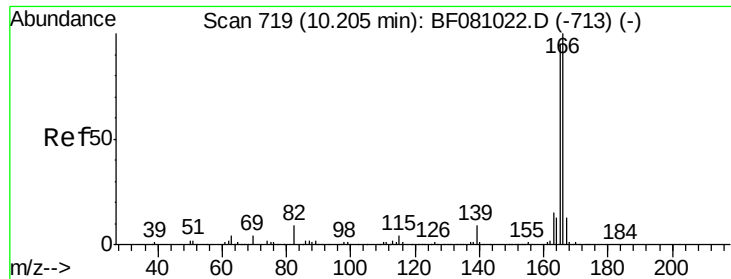
#56
2,4-Dinitrotoluene
Concen: 31.42 ng
RT: 9.73 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Tgt Ion:165 Resp: 88812
Ion Ratio Lower Upper
165 100
63 97.1 52.2 78.4#
89 113.5 60.1 90.1#
182 1.9 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

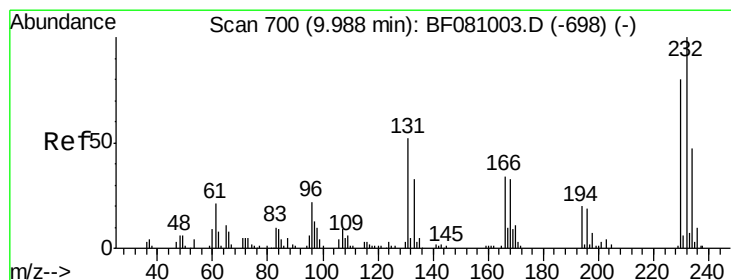
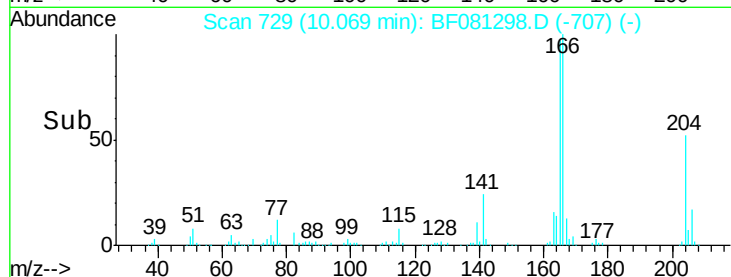
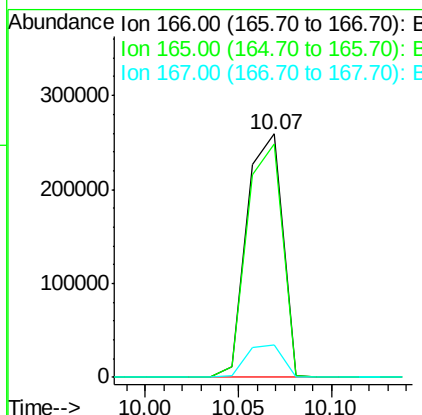
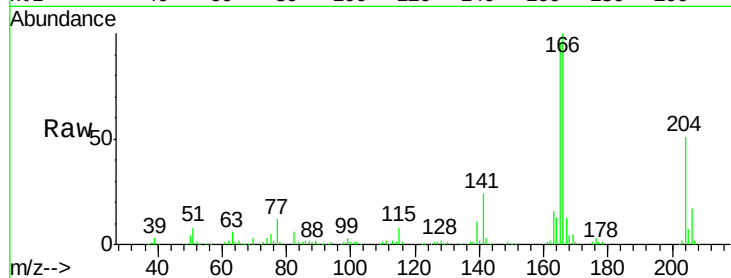




#57
 Fluorene
 Concen: 36.34 ng
 RT: 10.07 min Scan# 729
 Delta R.T. -0.05 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

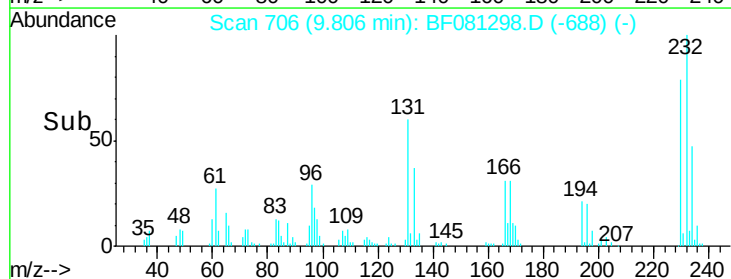
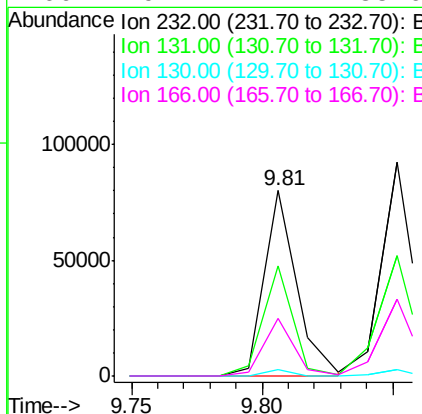
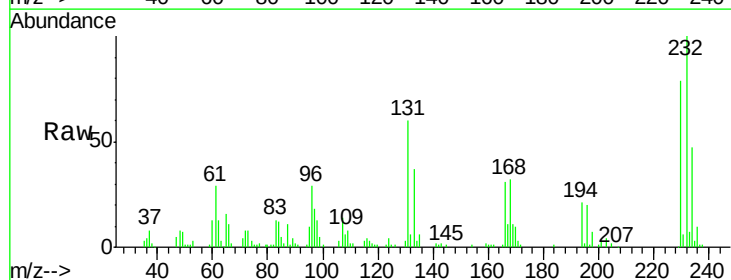
Instrument :
 BNA_F
 ClientSampleId :

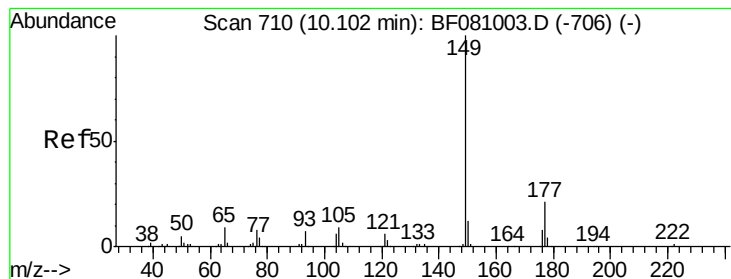
Tot Ion:166 Resp: 342440
 Ion Ratio Lower Upper
 166 100
 165 95.8 75.8 113.8
 167 13.4 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.85 ng
 RT: 9.81 min Scan# 706
 Delta R.T. -0.09 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion:232 Resp: 69851
 Ion Ratio Lower Upper
 232 100
 131 55.5 42.2 63.4
 130 2.5 2.1 3.1
 166 29.1 22.4 33.6





#59

Diethylphthalate

Concen: 41.02 ng

RT: 9.97 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

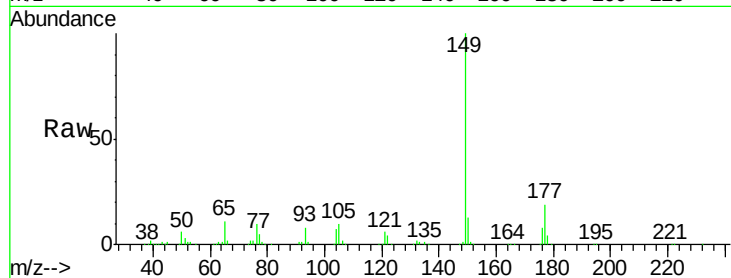
Tot Ion:149 Resp: 431266

Ion Ratio Lower Upper

149 100

177 19.5 14.1 21.1

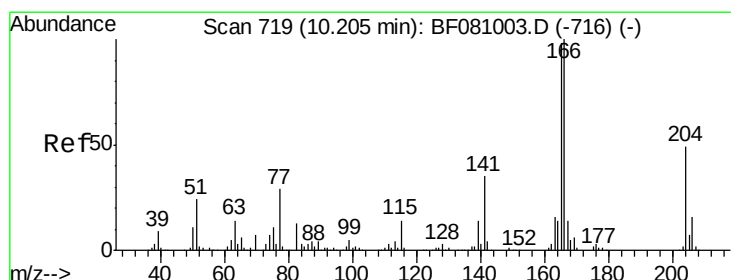
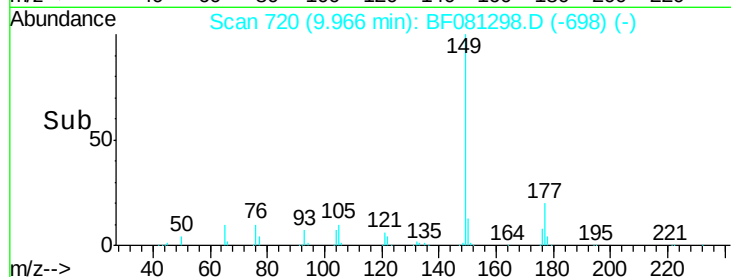
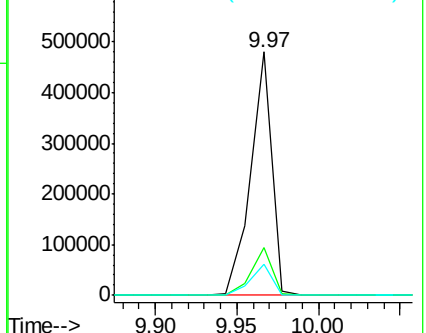
150 12.7 10.3 15.5



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: 37.81 ng

RT: 10.07 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

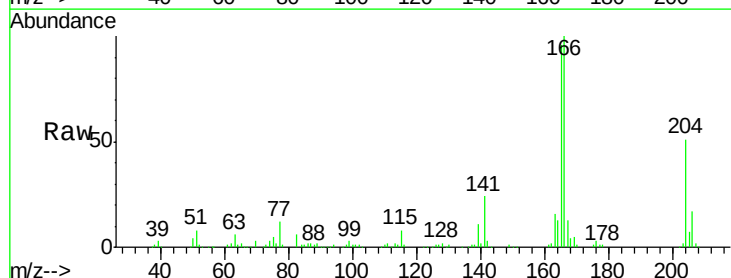
Tgt Ion:204 Resp: 150754

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

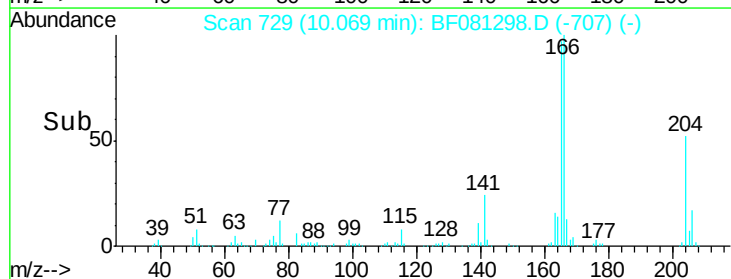
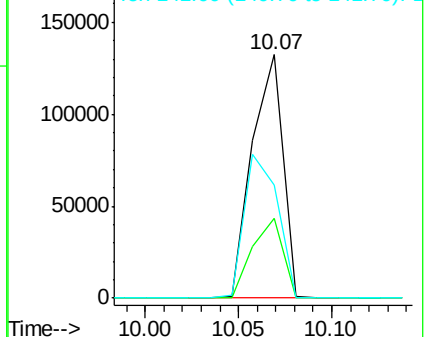
141 46.7 59.6 89.4#

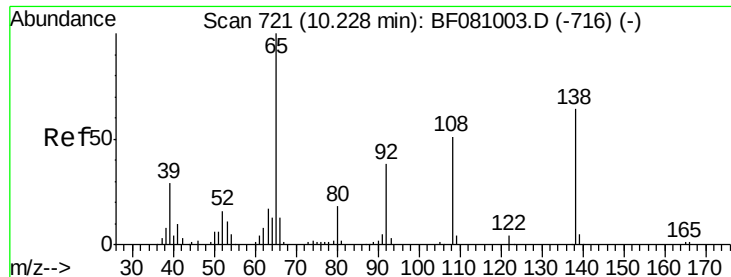


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

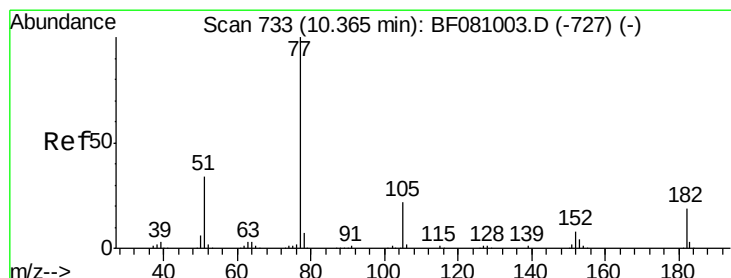
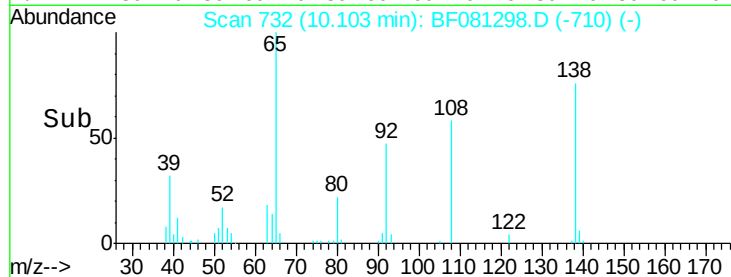
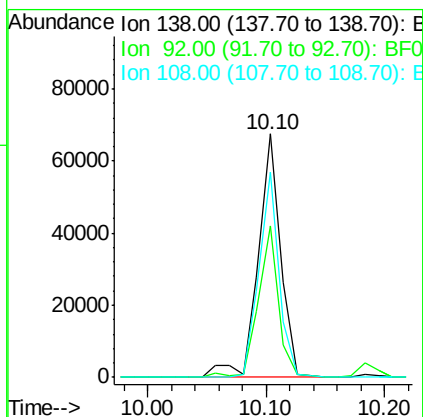
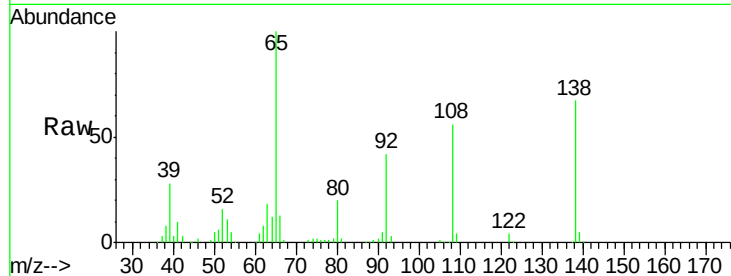




#61
4-Nitroaniline
Concen: 32.80 ng
RT: 10.10 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

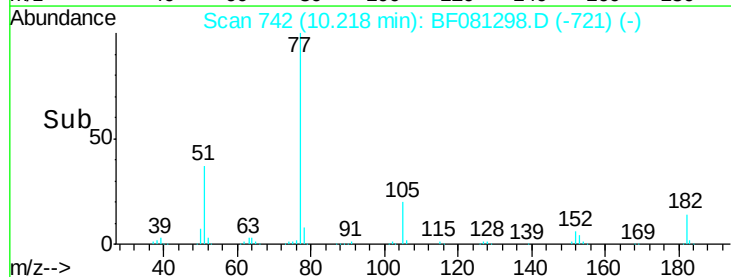
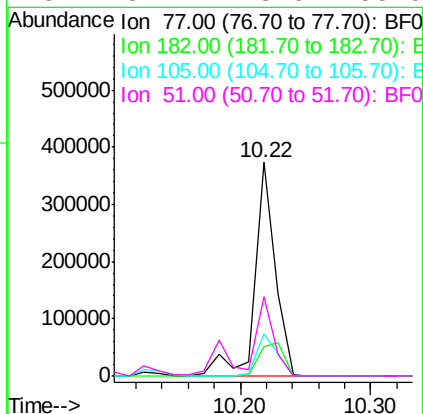
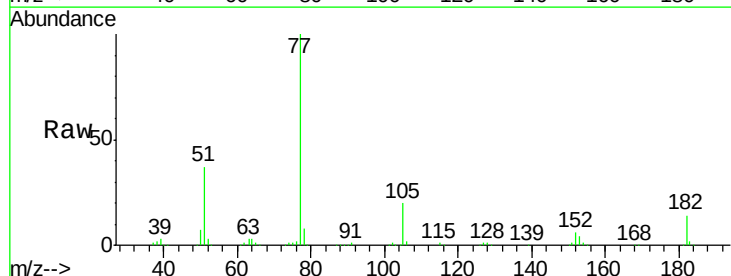
Instrument :
BNA_F
ClientSampled :

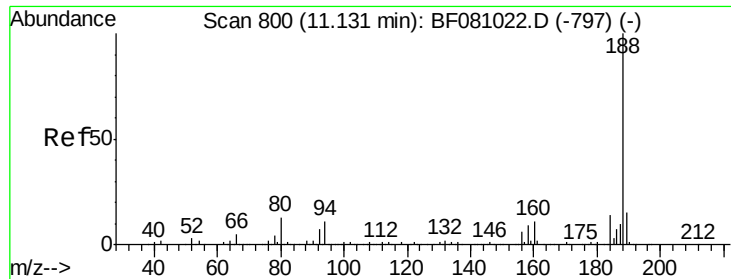
Tot Ion:138 Resp: 89483
Ion Ratio Lower Upper
138 100
92 62.2 34.7 74.7
108 84.2 68.9 108.9



#62
Azobenzene
Concen: 33.80 ng
RT: 10.22 min Scan# 742
Delta R.T. -0.06 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Tgt Ion: 77 Resp: 409503
Ion Ratio Lower Upper
77 100
182 14.0 0.0 39.0
105 19.9 0.2 40.2
51 37.4 18.0 58.0

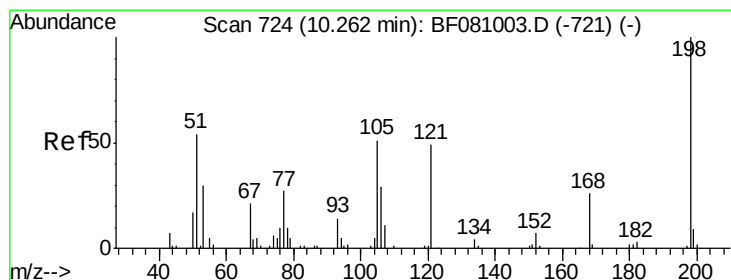
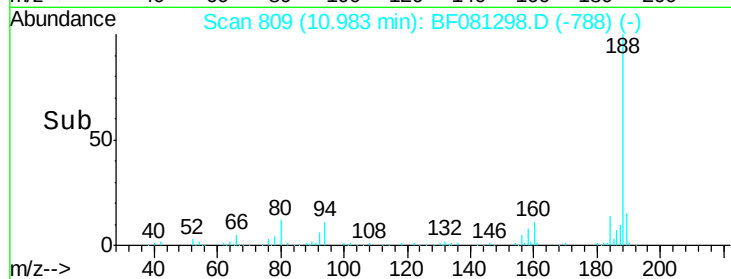
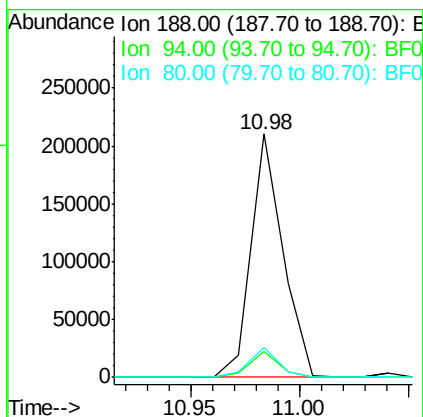
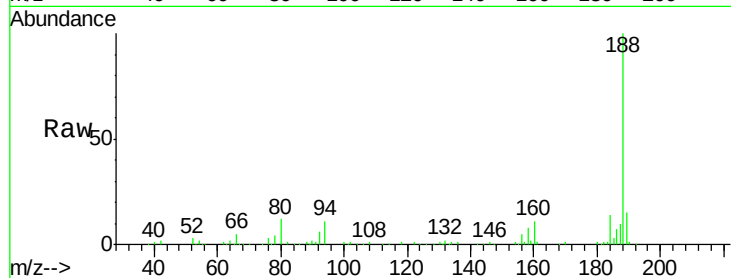




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

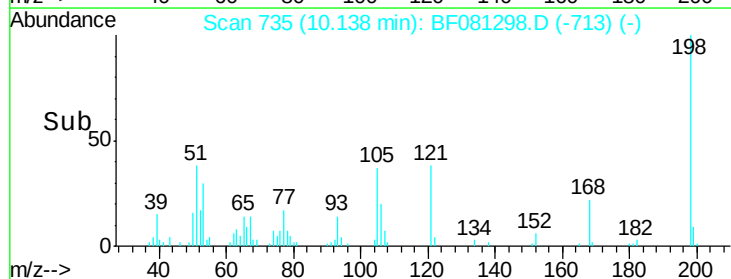
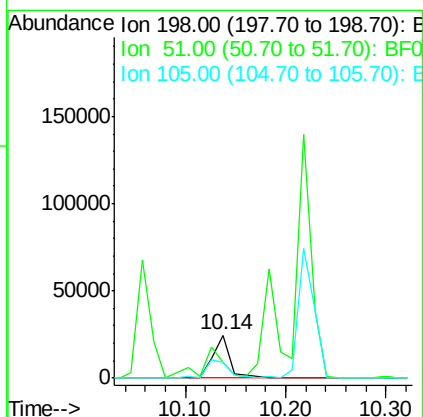
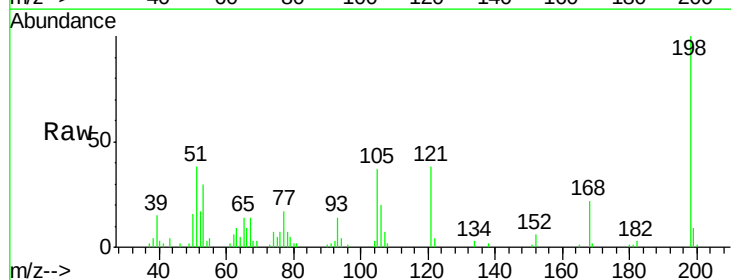
Instrument :
 BNA_F
 ClientSampleId :

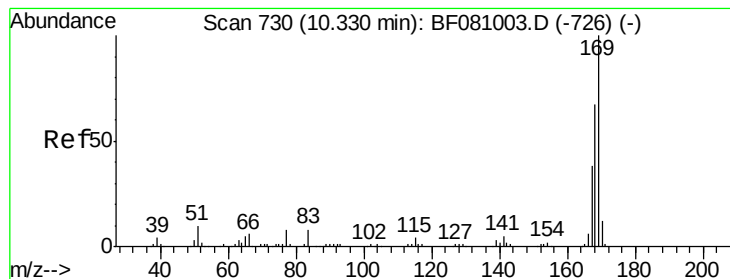
Tot Ion:188 Resp: 213942
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.2 12.2
 80 12.0 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.75 ng
 RT: 10.14 min Scan# 735
 Delta R.T. -0.05 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion:198 Resp: 29063
 Ion Ratio Lower Upper
 198 100
 51 37.5 79.7 119.7#
 105 36.8 47.0 87.0#





#65

n-Nitrosodiphenylamine

Concen: 39.83 ng

RT: 10.18 min Scan# 739

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

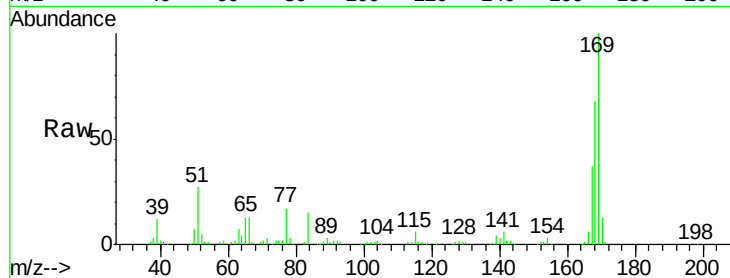
Tot Ion:169 Resp: 304171

Ion Ratio Lower Upper

169 100

168 67.5 55.3 82.9

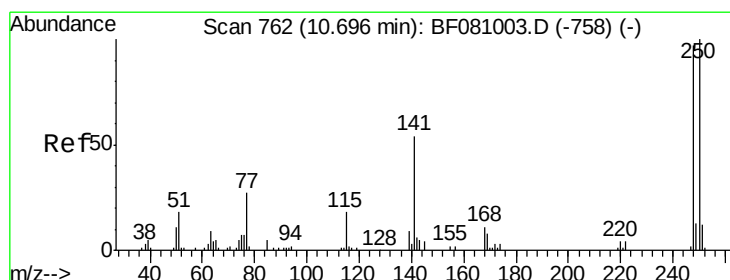
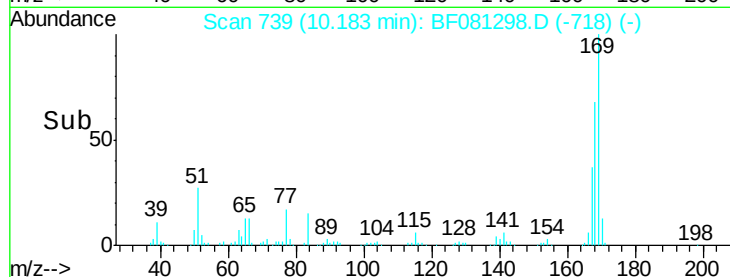
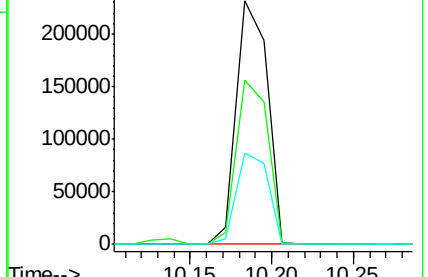
167 37.5 30.8 46.2



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: 44.81 ng

RT: 10.55 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

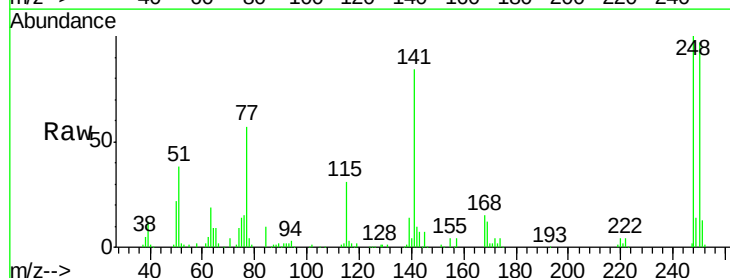
Tgt Ion:248 Resp: 94182

Ion Ratio Lower Upper

248 100

250 96.9 77.8 116.6

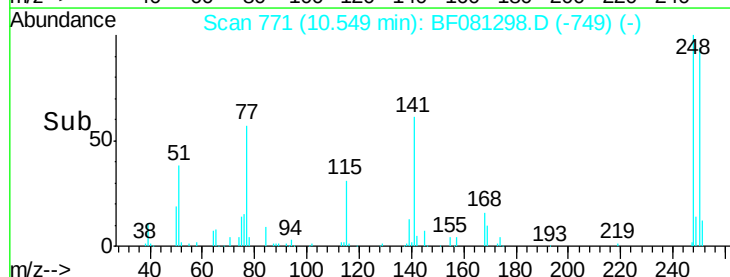
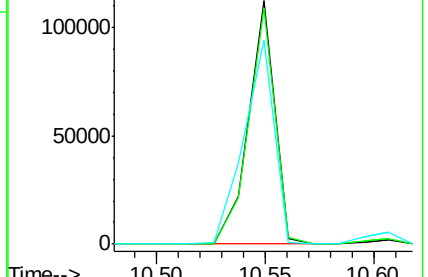
141 84.0 39.8 59.6#

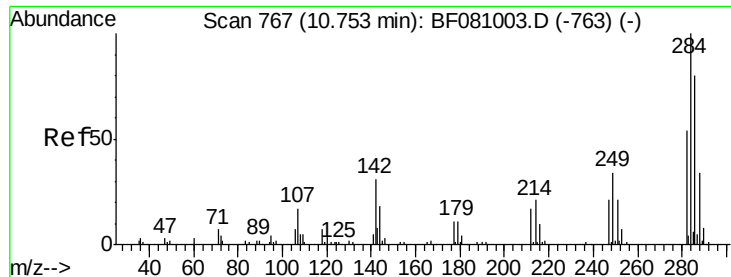


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.28 ng

RT: 10.61 min Scan# 776

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

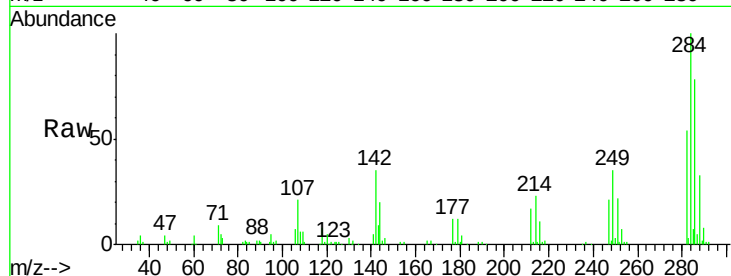
Tot Ion:284 Resp: 94242

Ion Ratio Lower Upper

284 100

142 35.4 25.4 38.0

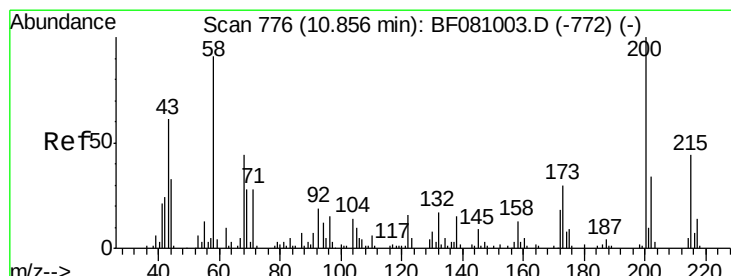
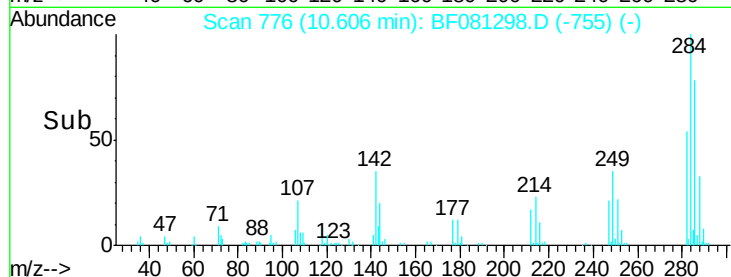
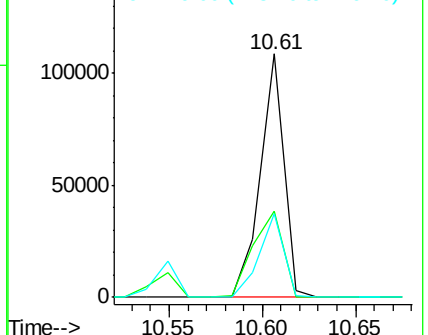
249 34.6 28.5 42.7



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: 42.21 ng

RT: 10.72 min Scan# 786

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

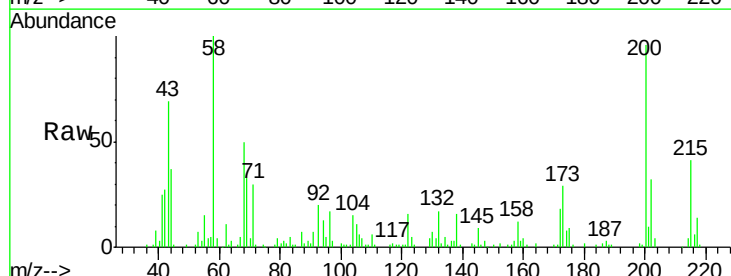
Tgt Ion:200 Resp: 89805

Ion Ratio Lower Upper

200 100

173 30.7 8.1 48.1

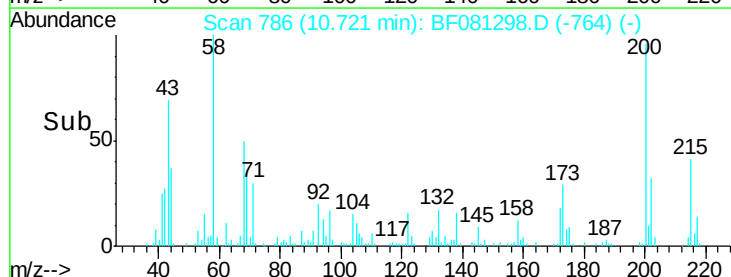
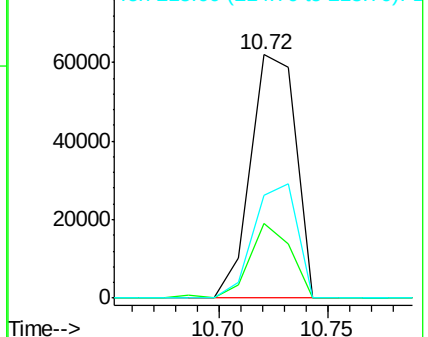
215 42.3 23.3 63.3

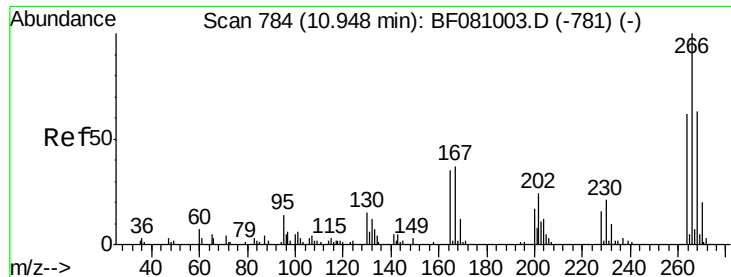


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

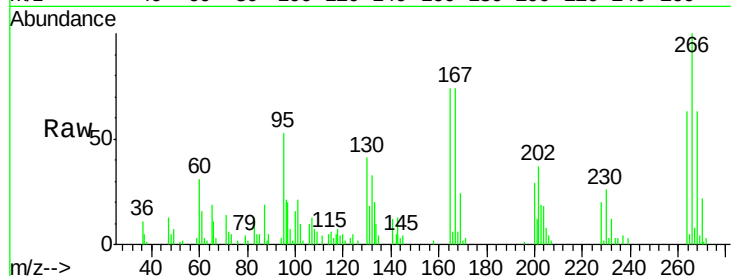




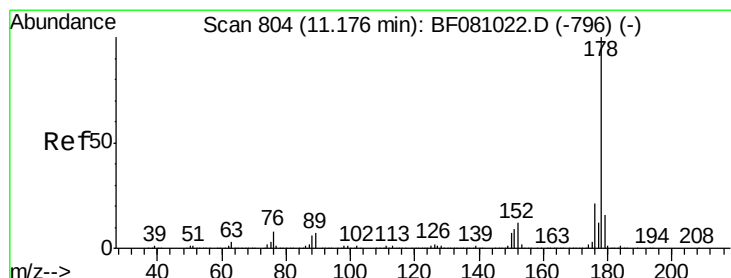
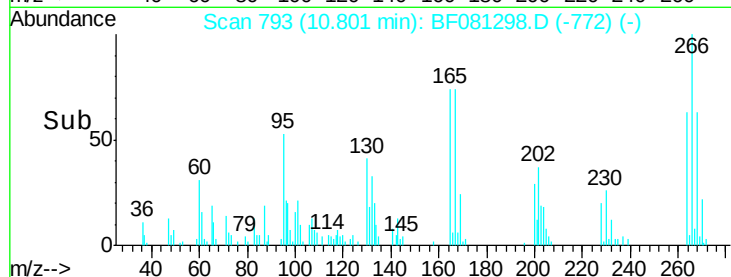
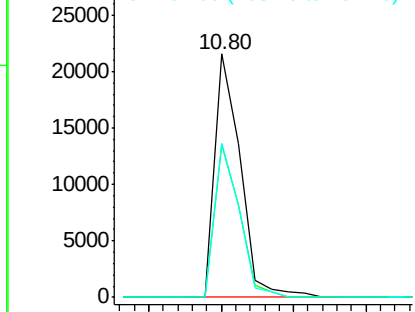
#69
 Pentachlorophenol
 Concen: 20.58 ng
 RT: 10.80 min Scan# 793
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 26281
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.2 76.8
 264 63.4 50.6 75.8

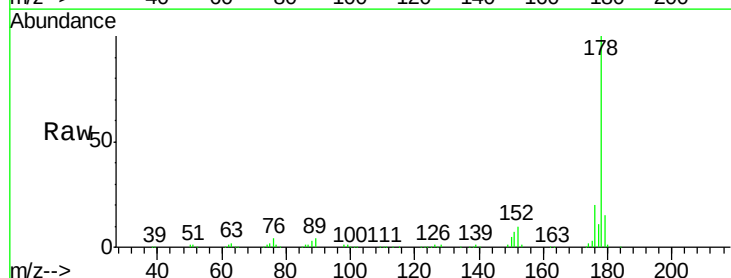


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

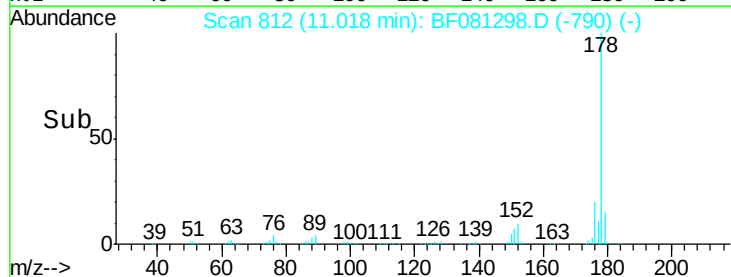
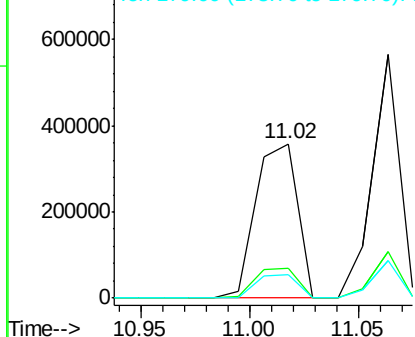


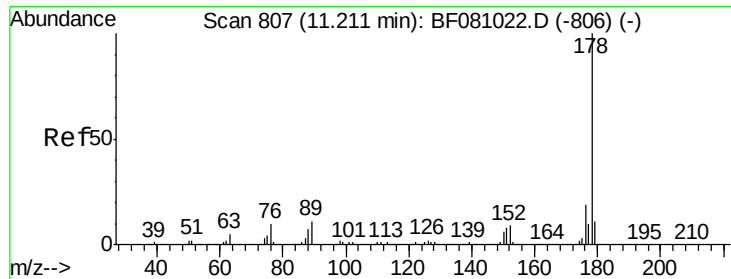
#70
 Phenanthrene
 Concen: 38.07 ng
 RT: 11.02 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion:178 Resp: 482679
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.1 12.2 18.2



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

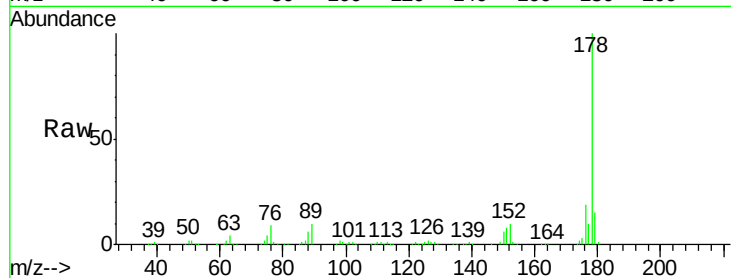




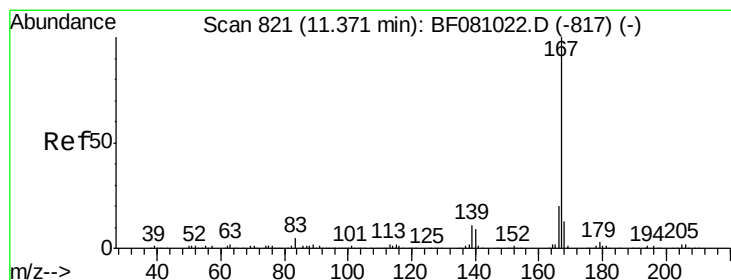
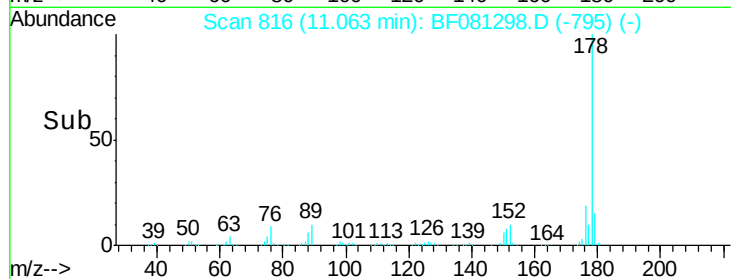
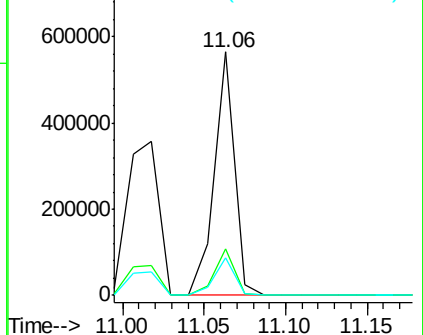
#71
 Anthracene
 Concen: 39.58 ng
 RT: 11.06 min Scan# 816
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 488301
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 15.4 12.7 19.1

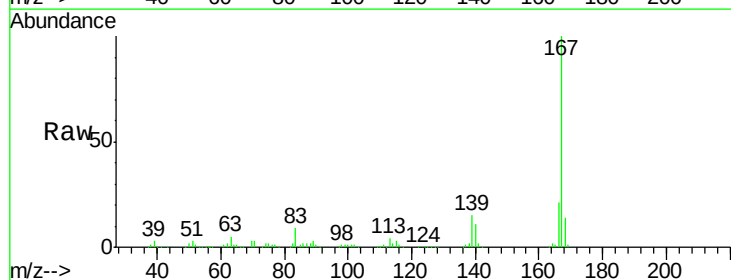


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

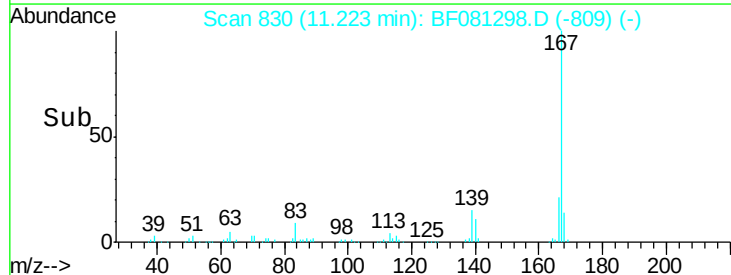
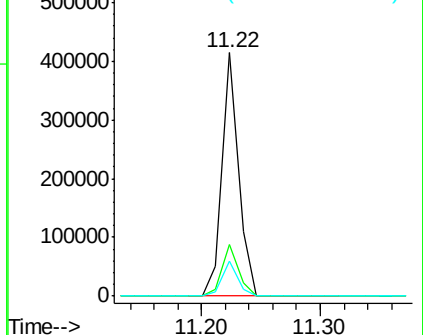


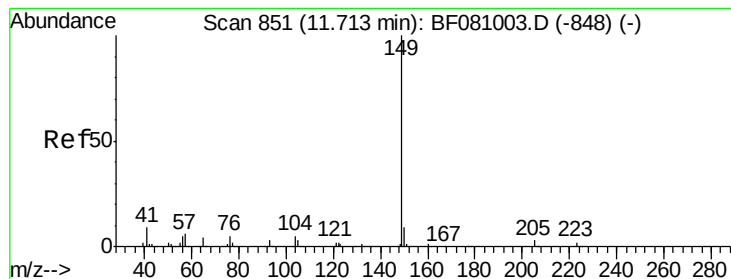
#72
 Carbazole
 Concen: 33.55 ng
 RT: 11.22 min Scan# 830
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion:167 Resp: 398493
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 14.5 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: 45.75 ng

RT: 11.58 min Scan# 861

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

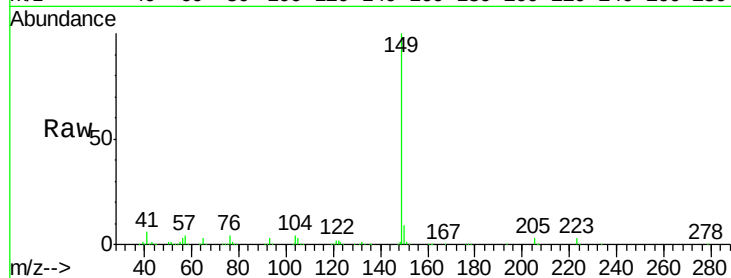
Tot Ion:149 Resp: 657608

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

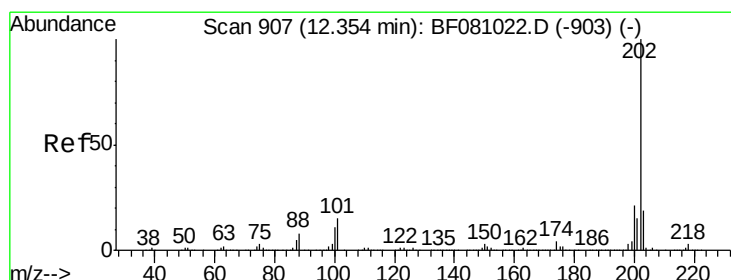
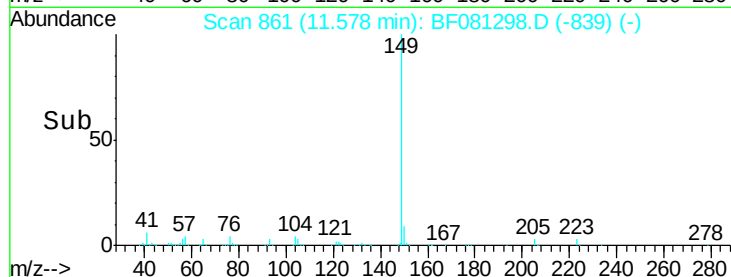
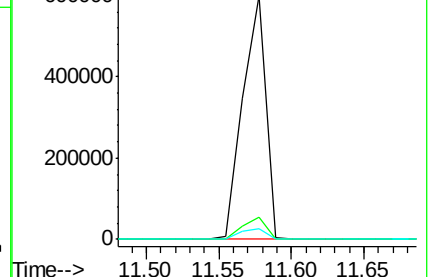
104 4.5 3.9 5.9



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: 31.38 ng

RT: 12.18 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

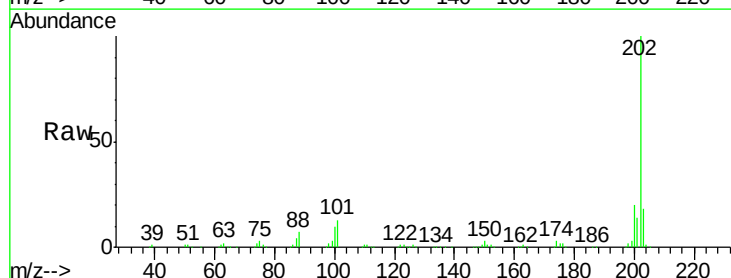
Tgt Ion:202 Resp: 429405

Ion Ratio Lower Upper

202 100

101 12.8 0.0 24.8

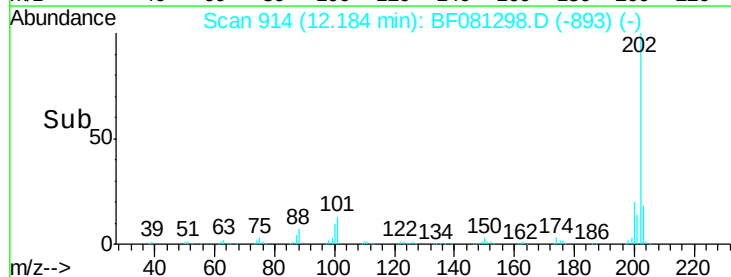
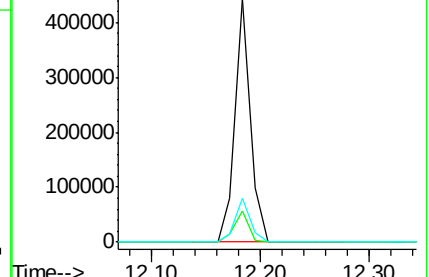
203 17.9 0.0 36.9

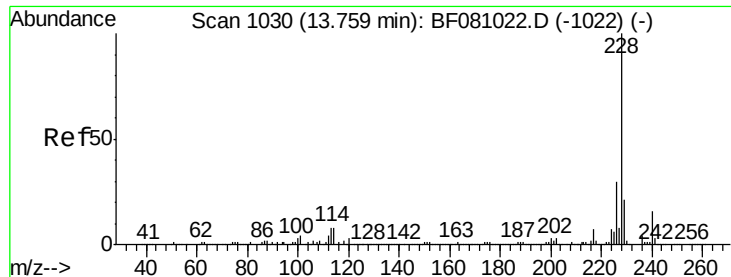


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.60 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

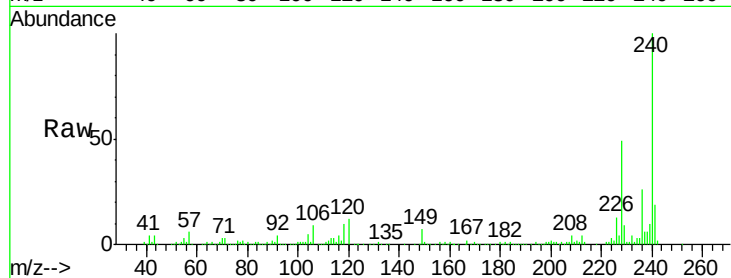
Tot Ion:240 Resp: 138906

Ion Ratio Lower Upper

240 100

120 11.8 5.6 8.4#

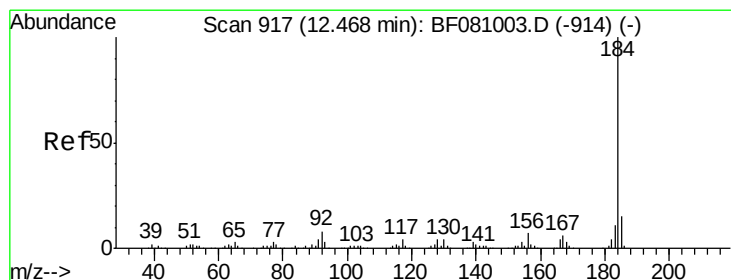
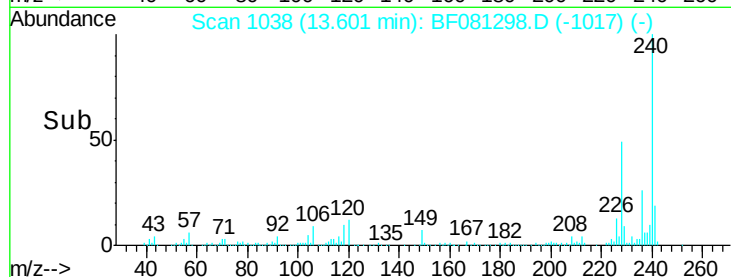
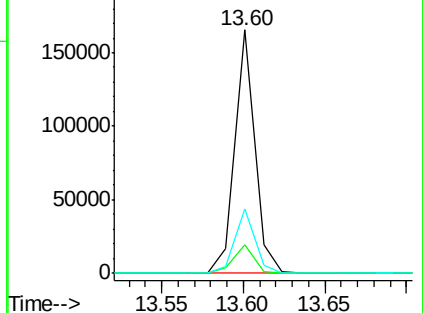
236 26.3 20.6 30.8



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: 35.41 ng

RT: 12.32 min Scan# 926

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

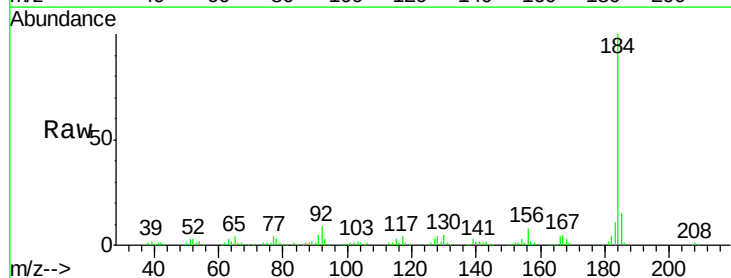
Tgt Ion:184 Resp: 185787

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

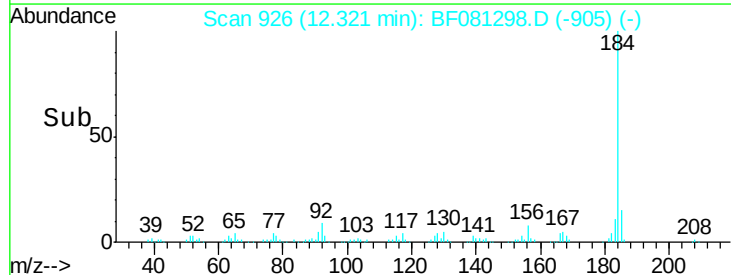
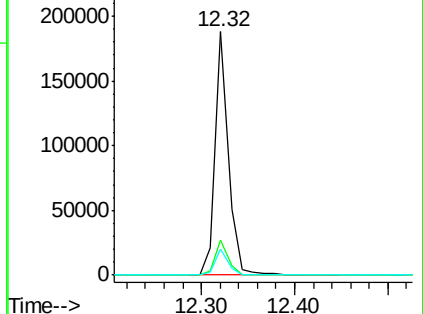
183 10.7 8.9 13.3

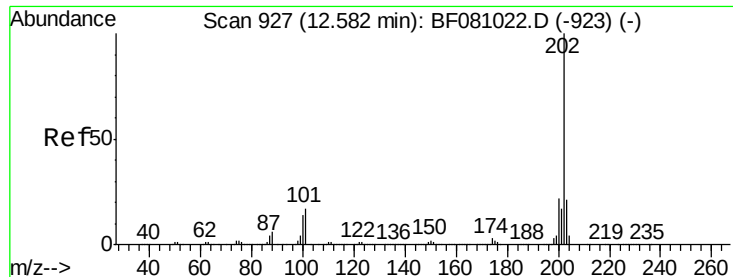


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.97 ng

RT: 12.41 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

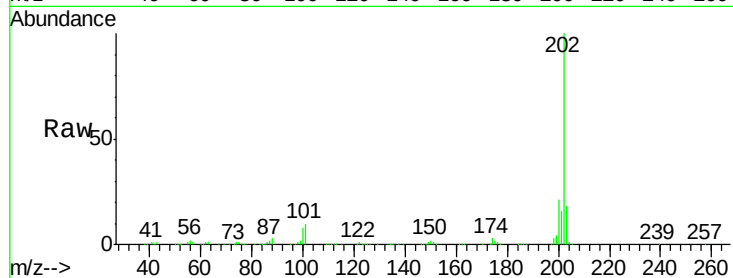
Tot Ion:202 Resp: 496534

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

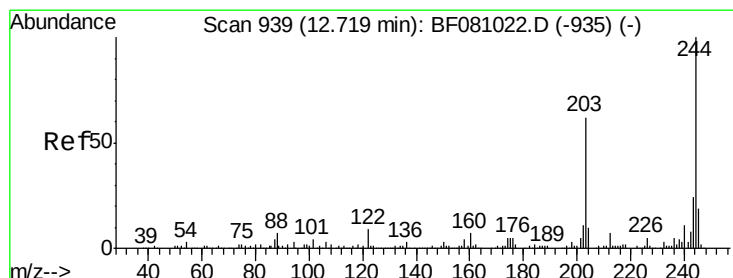
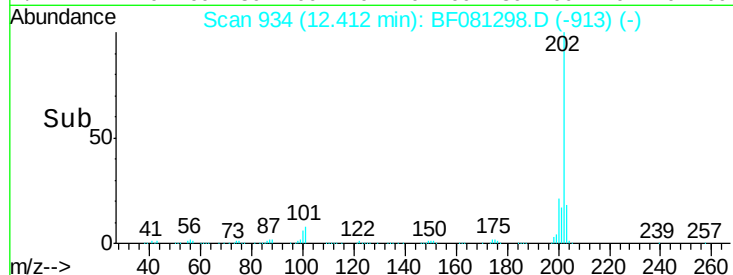
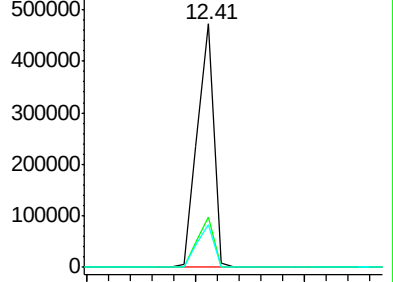
203 17.7 14.1 21.1



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: 94.27 ng

RT: 12.57 min Scan# 948

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

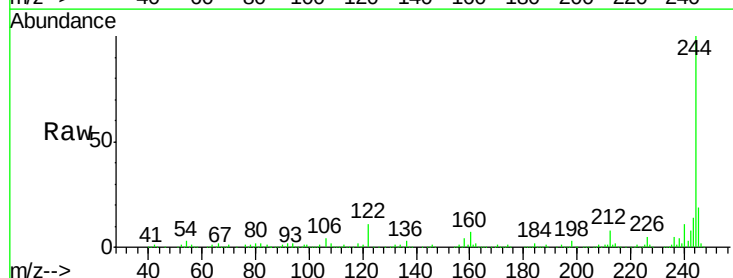
Tgt Ion:244 Resp: 610796

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

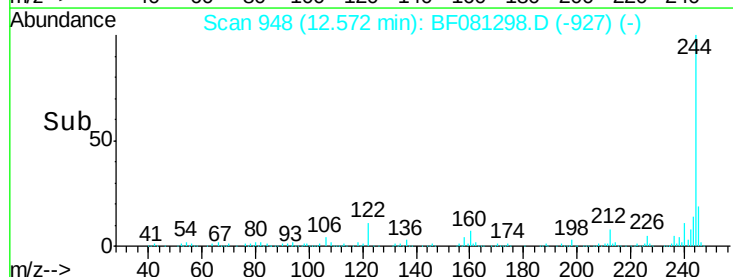
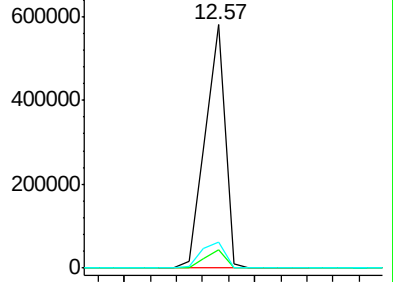
122 10.8 8.2 12.4

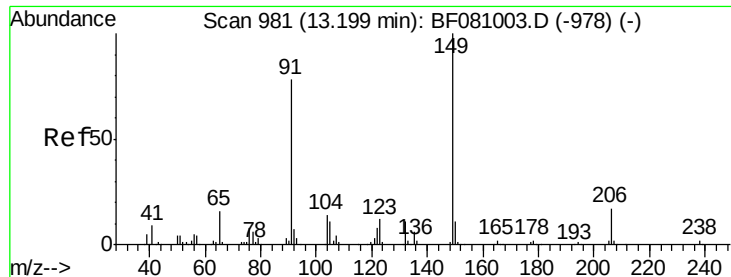


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

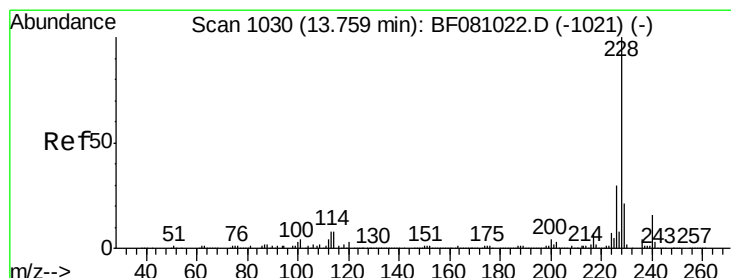
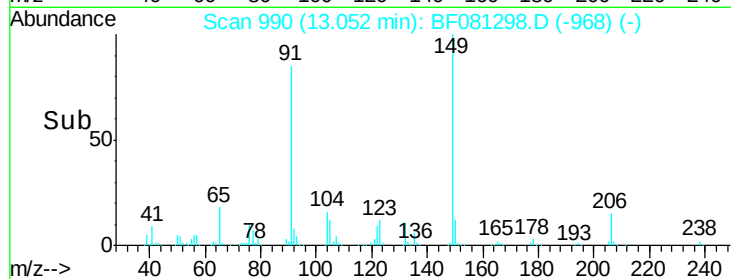
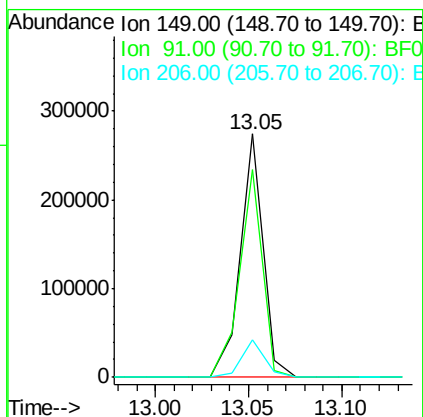
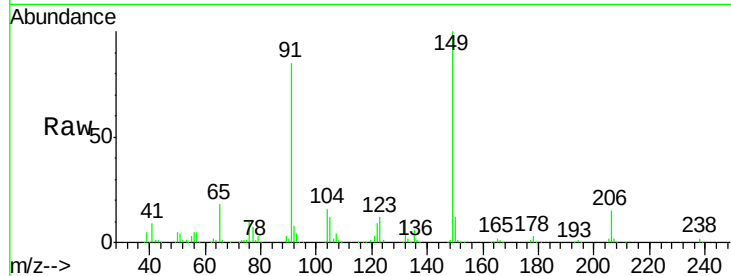




#79
Butylbenzylphthalate
Concen: 48.34 ng
RT: 13.05 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

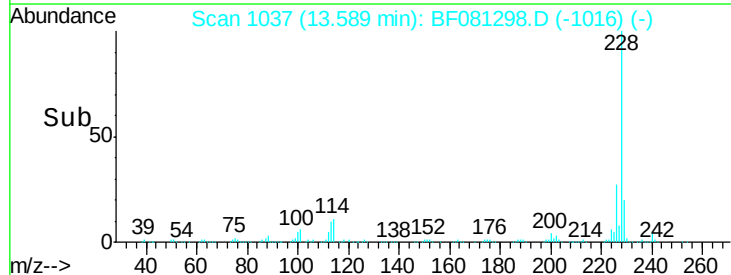
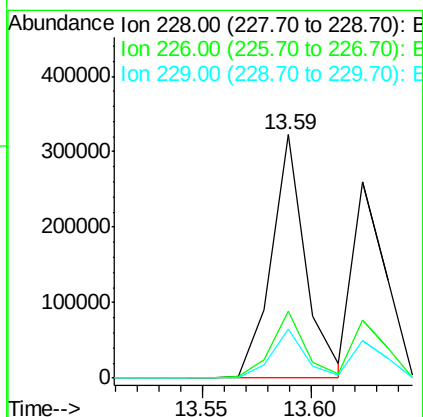
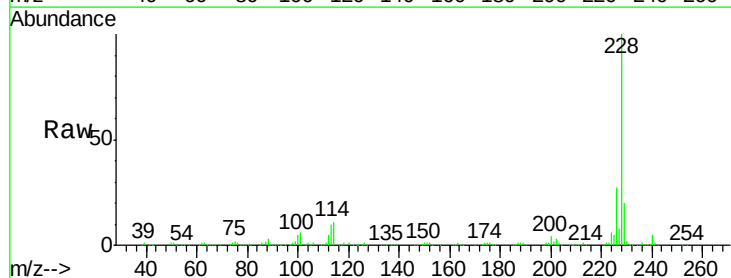
Instrument :
BNA_F
ClientSampleId :

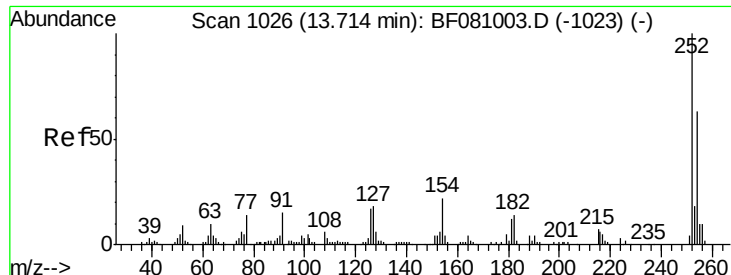
Tot Ion:149 Resp: 234622
Ion Ratio Lower Upper
149 100
91 85.2 46.9 70.3#
206 15.5 17.0 25.4#



#80
Benzo(a)anthracene
Concen: 37.94 ng
RT: 13.59 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Tgt Ion:228 Resp: 353454
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 20.0 15.9 23.9

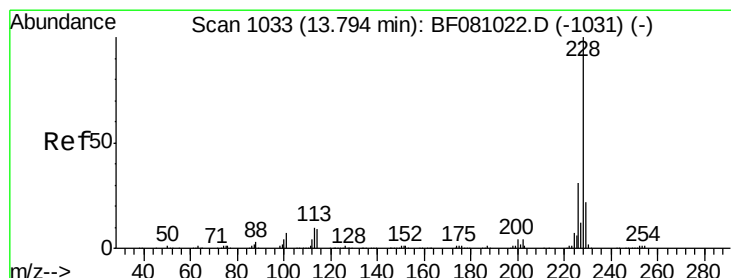
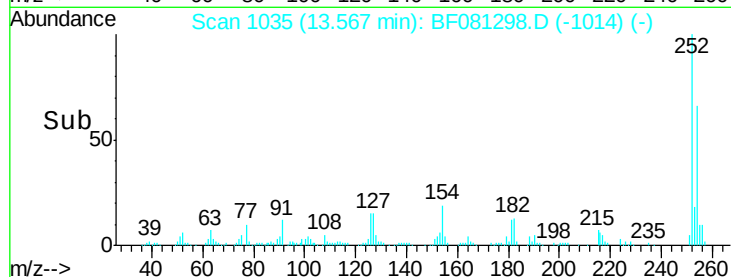
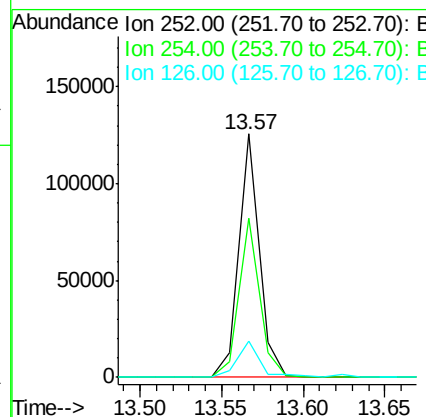
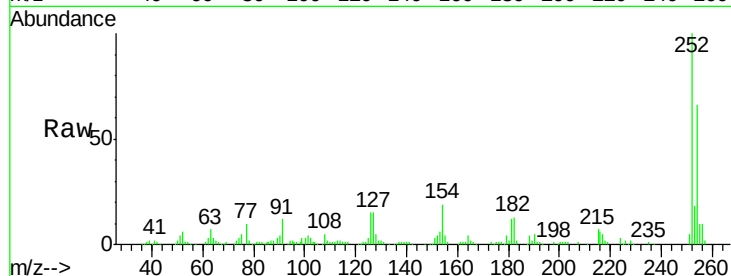




#81
 3,3'-Dichlorobenzidine
 Concen: 35.81 ng
 RT: 13.57 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

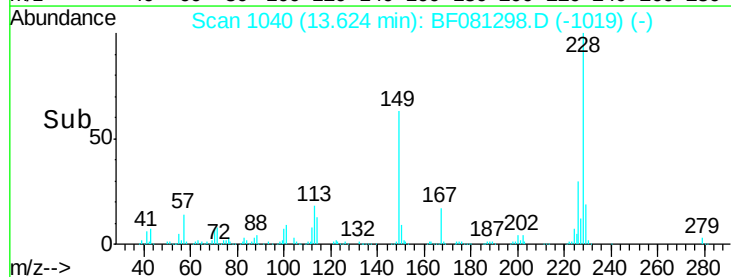
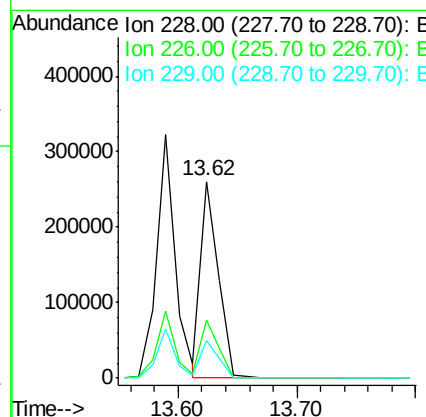
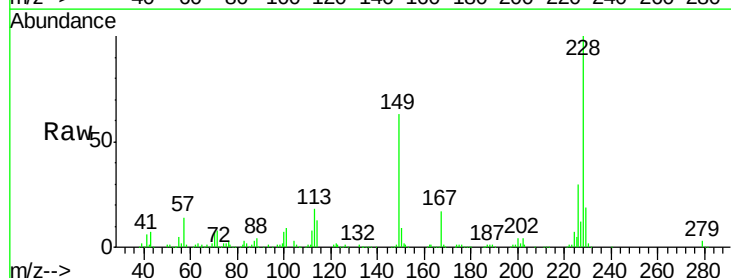
Instrument :
 BNA_F
 ClientSampleId :

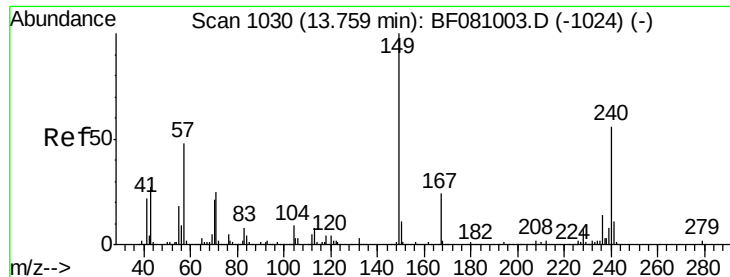
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	14.8	12.5	18.7



#82
 Chrysene
 Concen: 32.54 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.21 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

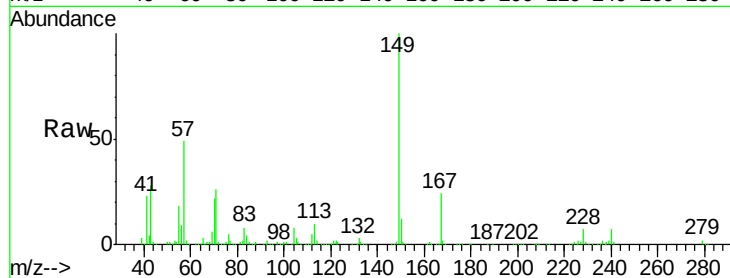
Tot Ion:149 Resp: 305967

Ion Ratio Lower Upper

149 100

167 23.6 20.7 31.1

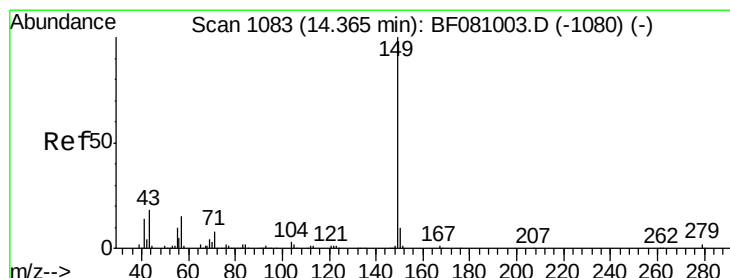
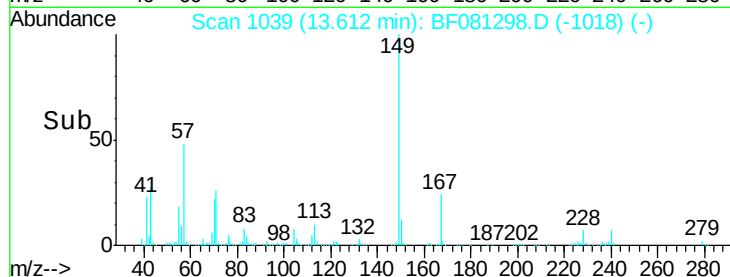
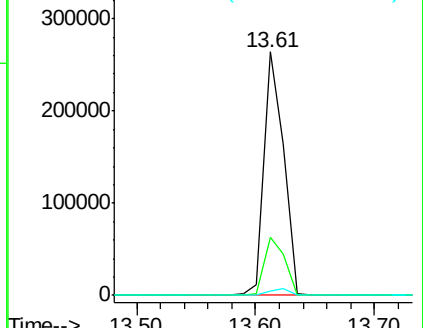
279 1.6 2.2 3.4#



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: 52.86 ng

RT: 14.23 min Scan# 1093

Delta R.T. -0.05 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

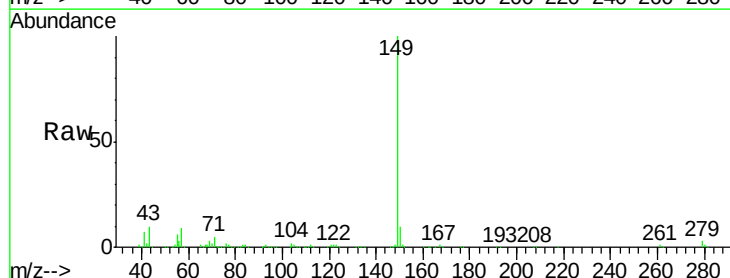
Tgt Ion:149 Resp: 499530

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

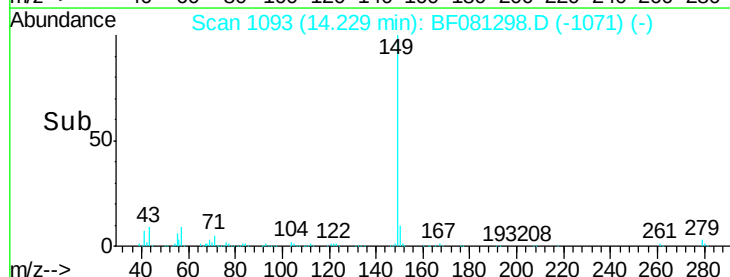
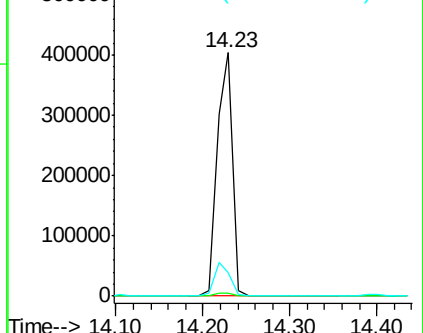
43 13.7 11.6 17.4

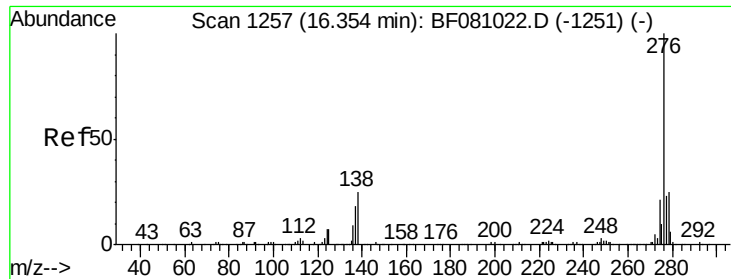


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

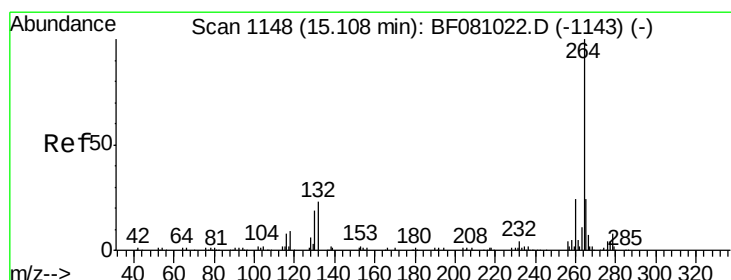
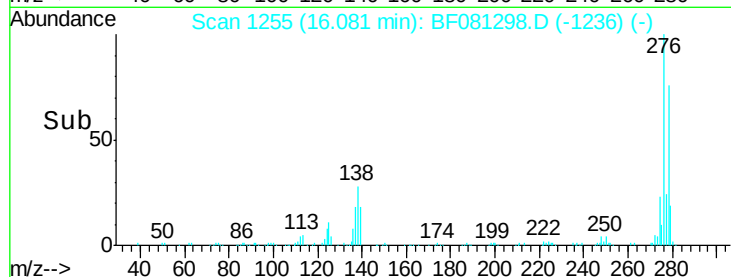
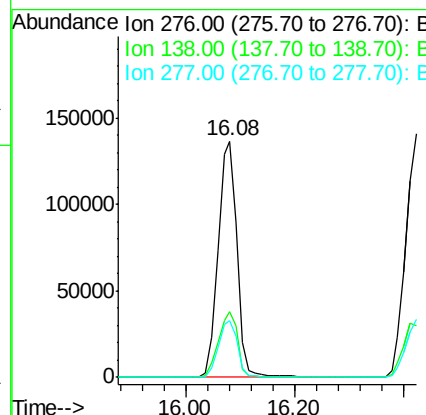
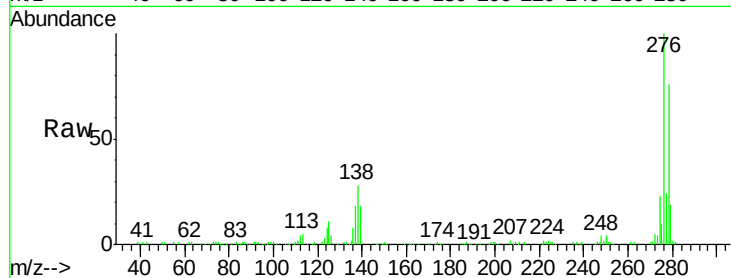




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.05 ng
 RT: 16.08 min Scan# 1255
 Delta R.T. -0.08 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

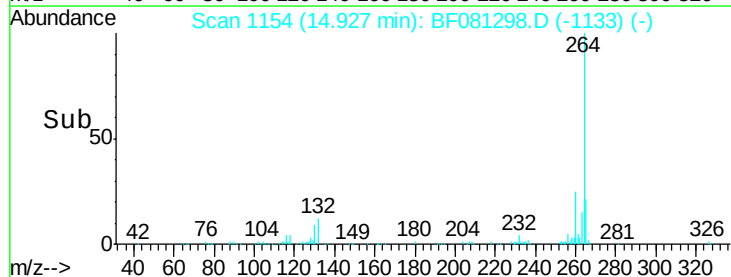
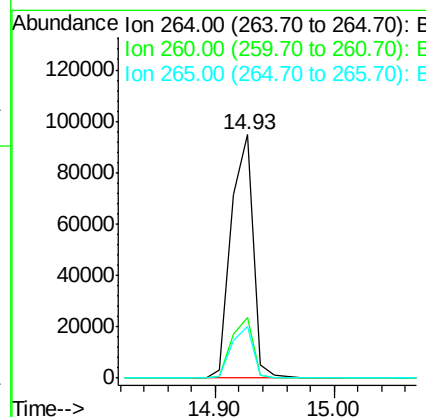
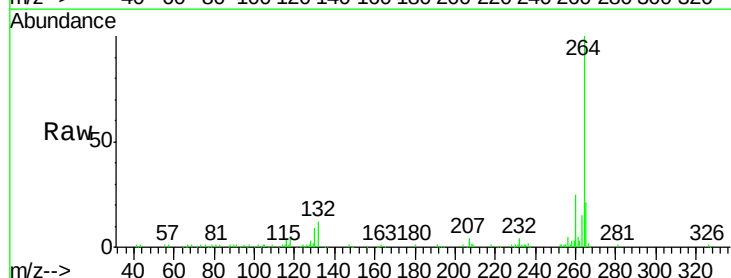
Instrument :
 BNA_F
 ClientSampleId :

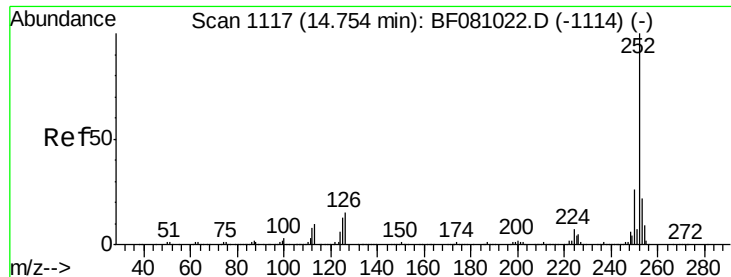
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF081298.D
 Acq: 30 Aug 2015 4:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.4	17.5	26.3

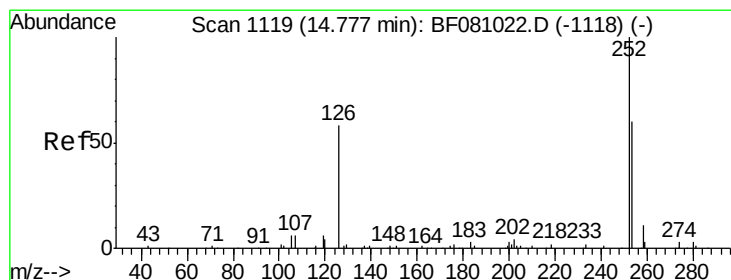
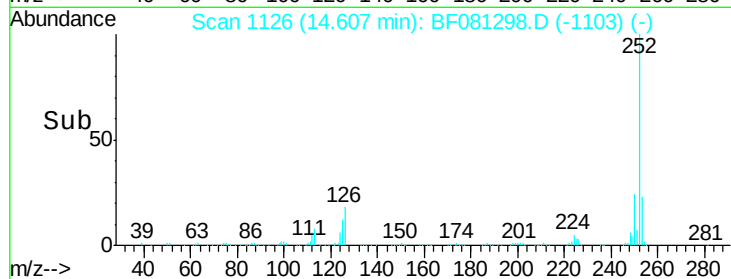
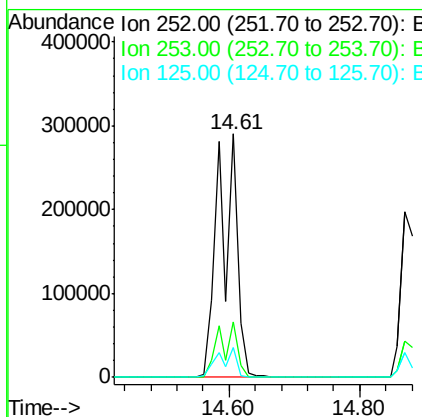
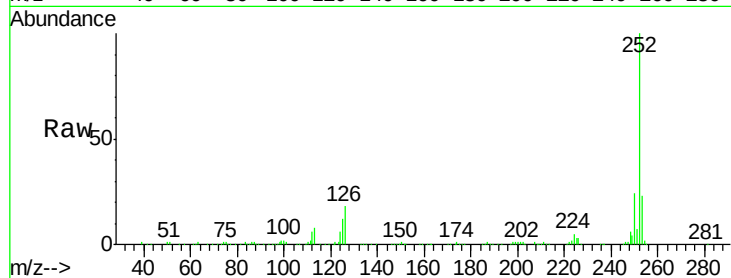




#87
Benzo(b)fluoranthene
Concen: 66.91 ng
RT: 14.61 min Scan# 1126
Delta R.T. -0.04 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

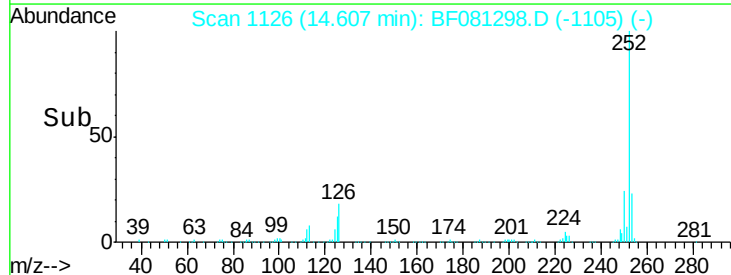
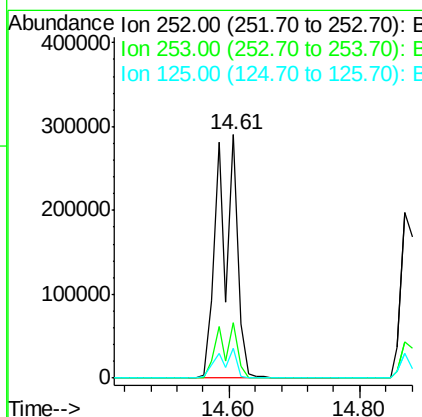
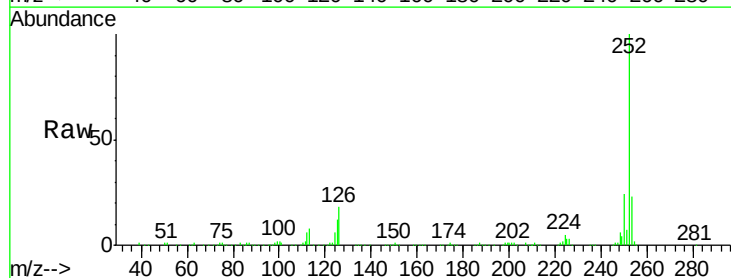
Instrument :
BNA_F
ClientSampleId :

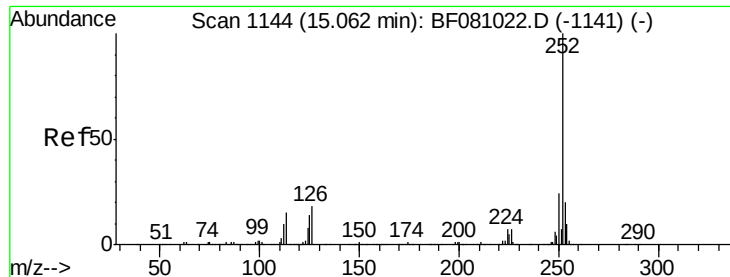
Tot Ion:252 Resp: 573685
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 12.3 8.0 12.0#



#88
Benzo(k)fluoranthene
Concen: 71.81 ng
RT: 14.61 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF081298.D
Acq: 30 Aug 2015 4:05

Tgt Ion:252 Resp: 573685
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.3 10.3 15.5





#89

Benzo(a)pyrene

Concen: 38.75 ng

RT: 14.87 min Scan# 1149

Delta R.T. -0.07 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampled :

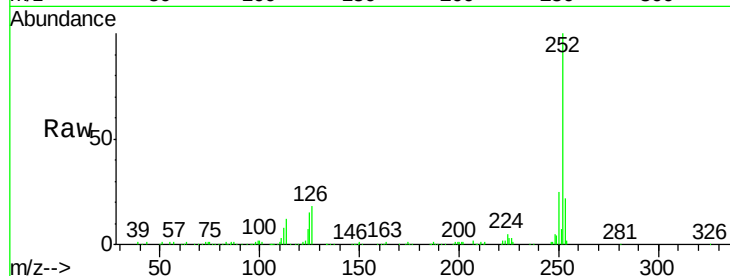
Tot Ion:252 Resp: 289478

Ion Ratio Lower Upper

252 100

253 22.0 16.6 25.0

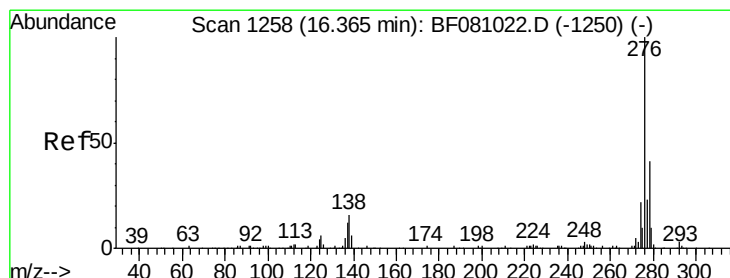
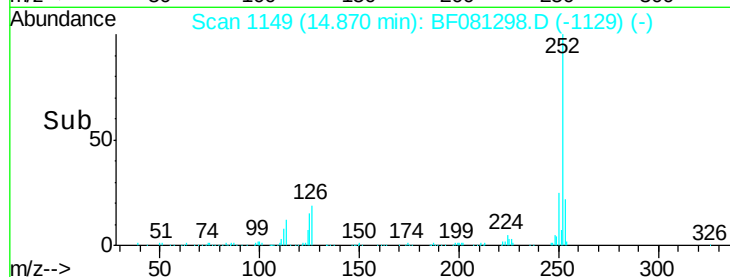
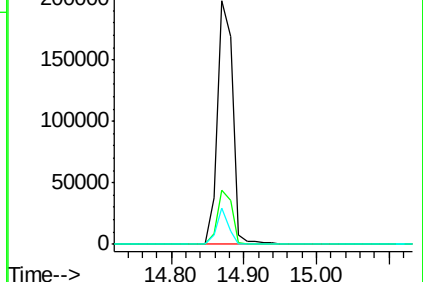
125 14.8 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.65 ng

RT: 16.09 min Scan# 1256

Delta R.T. -0.09 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

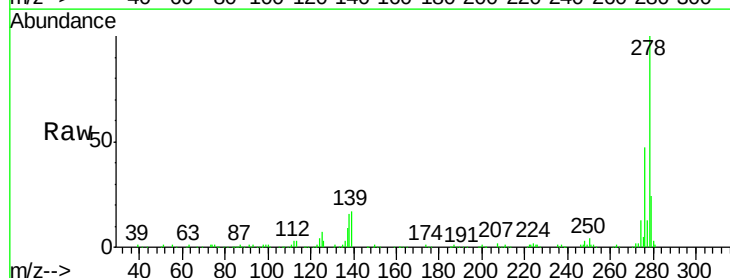
Tgt Ion:278 Resp: 271547

Ion Ratio Lower Upper

278 100

139 17.1 10.8 16.2#

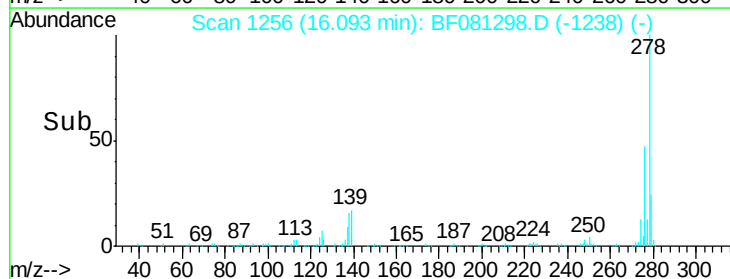
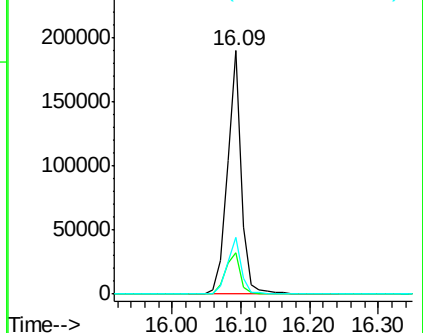
279 23.5 19.0 28.6

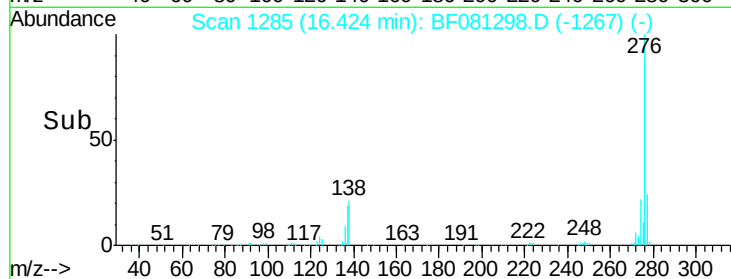
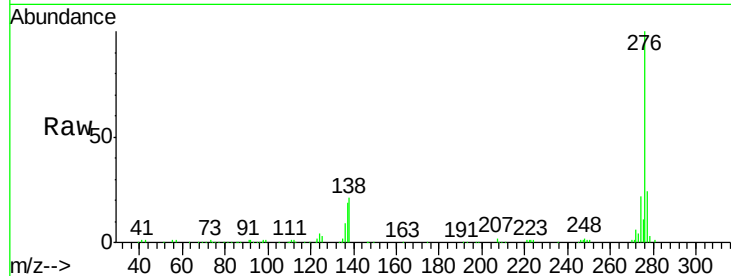
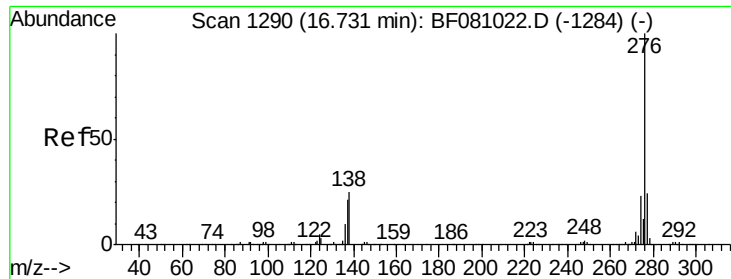


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.01 ng

RT: 16.42 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF081298.D

Acq: 30 Aug 2015 4:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 271744

Ion Ratio Lower Upper

276 100

277 23.9 18.2 27.2

138 20.9 13.7 20.5#

