

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081233.D
 Acq On : 27 Aug 2015 1:54
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 02:34:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 00:52:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	63149	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	251812	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	108946	20.00	ng	-0.01
63) Phenanthrene-d10	11.02	188	222847	20.00	ng	0.00
75) Chrysene-d12	13.64	240	155626	20.00	ng	0.00
86) Perylene-d12	14.95	264	126977	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	334499	79.67	ng	0.00
7) Phenol-d6	6.17	99	422318	77.09	ng	0.00
23) Nitrobenzene-d5	7.10	82	430743	78.14	ng	0.00
41) 2,4,6-Tribromophenol	10.33	330	71487	75.70	ng	0.00
44) 2-Fluorobiphenyl	8.89	172	661420	79.55	ng	0.00
78) Terphenyl-d14	12.59	244	574398	79.13	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	78229	39.54	ng	# 92
3) Pyridine	2.49	79	244169	43.73	ng	83
4) n-Nitrosodimethylamine	2.46	42	122243	39.32	ng	# 78
6) Aniline	6.18	93	299247	37.57	ng	# 55
8) 2-Chlorophenol	6.30	128	172500	37.54	ng	97
9) Benzaldehyde	6.06	77	141106	39.96	ng	96
10) Phenol	6.18	94	225968	34.93	ng	# 69
11) bis(2-Chloroethyl)ether	6.26	93	189694	38.21	ng	90
12) 1,3-Dichlorobenzene	6.46	146	199826	40.47	ng	97
13) 1,4-Dichlorobenzene	6.54	146	204635	41.85	ng	100
14) 1,2-Dichlorobenzene	6.69	146	156930	34.29	ng	98
15) Benzyl Alcohol	6.67	79	159541	36.00	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.82	45	364311	37.35	ng	96
17) 2-Methylphenol	6.80	107	148917	37.77	ng	97
18) Hexachloroethane	7.03	117	78399	39.68	ng	98
19) n-Nitroso-di-n-propylamine	6.96	70	150198	39.58	ng	88
20) 3+4-Methylphenols	6.96	107	194897	38.94	ng	# 46
22) Acetophenone	6.95	105	270132	40.86	ng	# 83
24) Nitrobenzene	7.11	77	204621	35.50	ng	93
25) Isophorone	7.36	82	396032	38.53	ng	97
26) 2-Nitrophenol	7.43	139	99588	41.55	ng	# 78
27) 2,4-Dimethylphenol	7.49	122	172926	40.78	ng	93
28) bis(2-Chloroethoxy)methane	7.58	93	229708	37.83	ng	99
29) 2,4-Dichlorophenol	7.67	162	134413	37.65	ng	# 86
30) 1,2,4-Trichlorobenzene	7.75	180	143387	36.14	ng	97
31) Naphthalene	7.83	128	563639	40.15	ng	99
32) Benzoic acid	7.63	122	95374	39.99	ng	93
33) 4-Chloroaniline	7.89	127	209237	35.33	ng	95
34) Hexachlorobutadiene	7.95	225	94221	41.99	ng	98
35) Caprolactam	8.27	113	50437	40.42	ng	# 85
36) 4-Chloro-3-methylphenol	8.38	107	156965	36.89	ng	98
37) 2-Methylnaphthalene	8.51	142	310200	34.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	147605	41.99	ng	98
40) Hexachlorocyclopentadiene	8.67	237	70796	38.91	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081233.D
 Acq On : 27 Aug 2015 1:54
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

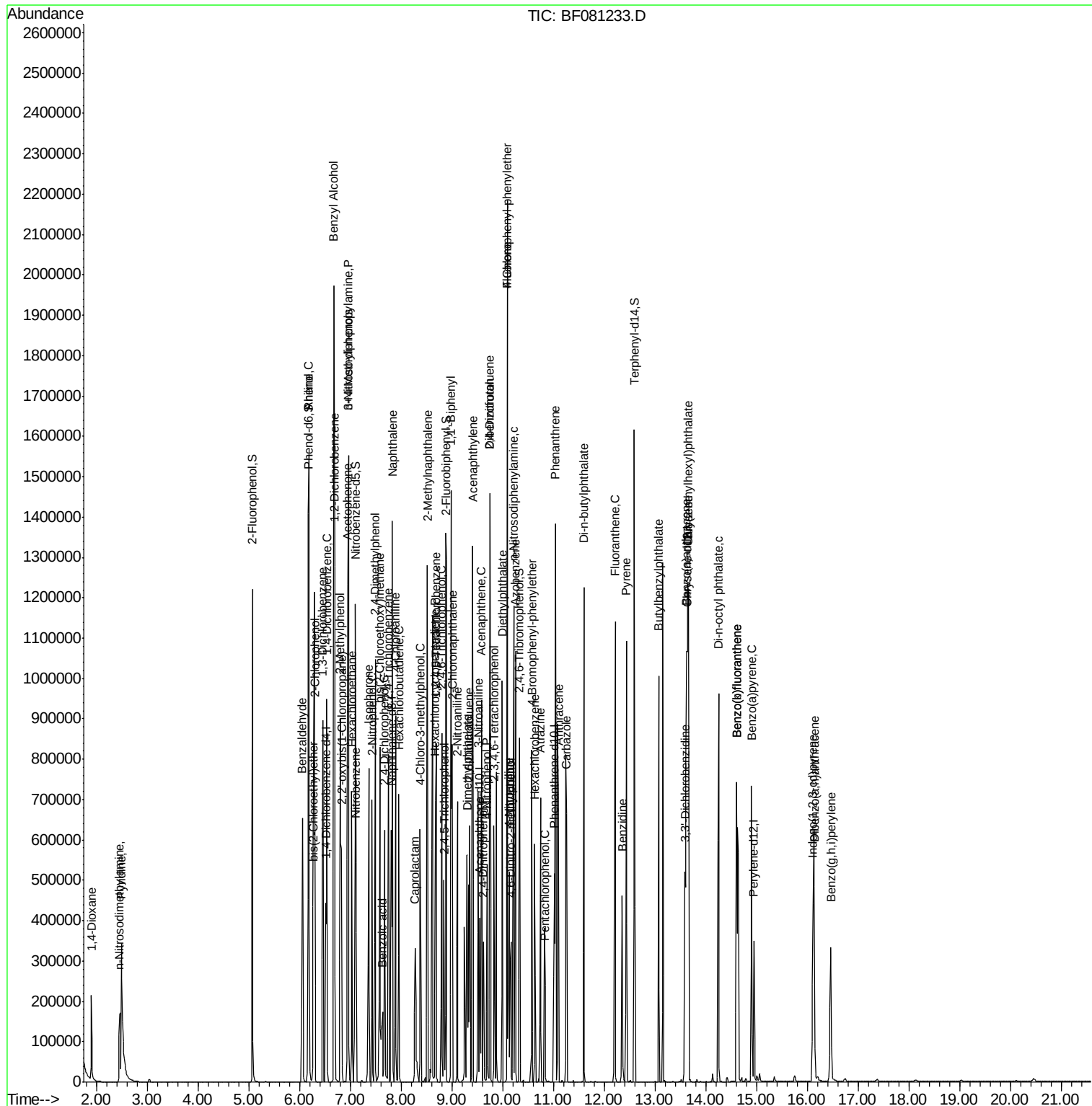
Instrument :
 BNA_F
 ClientSampleId :

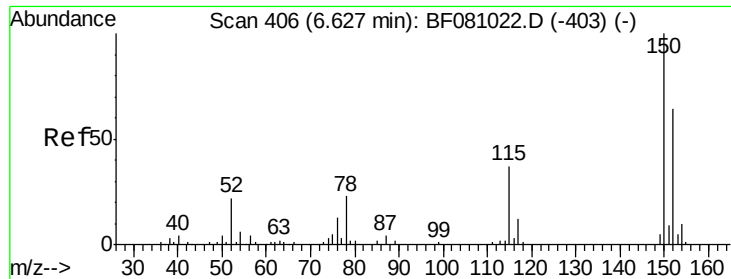
Quant Time: Aug 27 02:34:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 00:52:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	101234	40.77	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	102363	41.24	nq	# 94
45) 1,1'-Biphenyl	8.98	154	382955	39.91	nq	96
46) 2-Chloronaphthalene	9.01	162	317176	41.14	nq	98
47) 2-Nitroaniline	9.11	65	143774	45.57	nq	# 79
48) Acenaphthylene	9.41	152	486747	35.30	nq	98
49) Dimethylphthalate	9.30	163	363313	40.49	nq	99
50) 2,6-Dinitrotoluene	9.35	165	68090	35.35	nq	# 60
51) Acenaphthene	9.58	154	289347	35.05	nq	100
52) 3-Nitroaniline	9.52	138	111360	46.20	nq	87
53) 2,4-Dinitrophenol	9.62	184	40075	42.43	nq	# 67
54) Dibenzofuran	9.75	168	387380	35.01	nq	92
55) 4-Nitrophenol	9.69	139	73276	43.28	nq	# 72
56) 2,4-Dinitrotoluene	9.75	165	86253	33.78	nq	# 56
57) Fluorene	10.09	166	319980	37.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	74857	38.97	nq	99
59) Diethylphthalate	9.99	149	355921	37.48	nq	97
60) 4-Chlorophenyl-phenylether	10.09	204	143947	39.97	nq	95
61) 4-Nitroaniline	10.13	138	89876	36.48	nq	91
62) Azobenzene	10.25	77	464130	42.41	nq	94
64) 4,6-Dinitro-2-methylphenol	10.16	198	59151	44.45	nq	# 50
65) n-Nitrosodiphenylamine	10.22	169	333618	41.94	nq	97
66) 4-Bromophenyl-phenylether	10.57	248	74539	34.05	nq	# 65
67) Hexachlorobenzene	10.63	284	83717	37.76	nq	# 70
68) Atrazine	10.74	200	71706	32.35	nq	97
69) Pentachlorophenol	10.83	266	49280	37.05	nq	97
70) Phenanthrene	11.04	178	481951	36.49	nq	100
71) Anthracene	11.10	178	492891	38.35	nq	98
72) Carbazole	11.26	167	480428	38.83	nq	97
73) Di-n-butylphthalate	11.60	149	597485	39.91	nq	100
74) Fluoranthene	12.22	202	572944	40.20	nq	97
76) Benzidine	12.35	184	260558	44.32	nq	99
77) Pyrene	12.43	202	493614	39.02	nq	99
79) Butylbenzylphthalate	13.08	149	228003	41.93	nq	# 69
80) Benzo(a)anthracene	13.62	228	450986	43.21	nq	100
81) 3,3'-Dichlorobenzidine	13.60	252	148219	43.84	nq	# 95
82) Chrysene	13.66	228	410943	43.69	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	328386	47.14	nq	100
84) Di-n-octyl phthalate	14.25	149	535361	50.57	nq	99
85) Indeno(1,2,3-cd)pyrene	16.12	276	330990	50.12	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	695446	77.43	nq	# 97
88) Benzo(k)fluoranthene	14.61	252	695446	83.10	nq	100
89) Benzo(a)pyrene	14.90	252	309241	39.51	nq	# 95
90) Dibenzo(a,h)anthracene	16.14	278	271033	44.45	nq	98
91) Benzo(g,h,i)perylene	16.47	276	272766	44.09	nq	# 93

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

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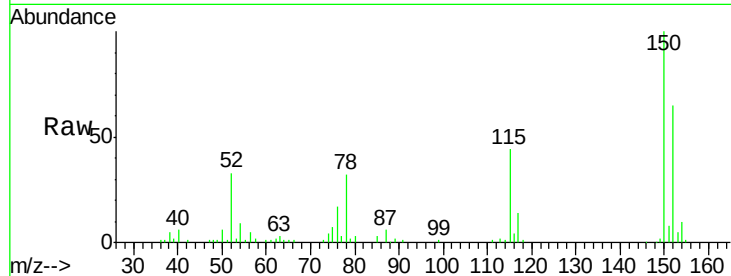


#1

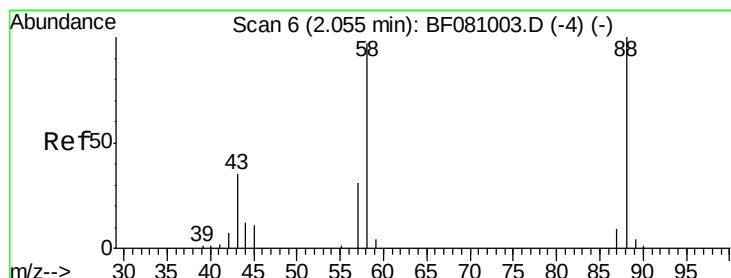
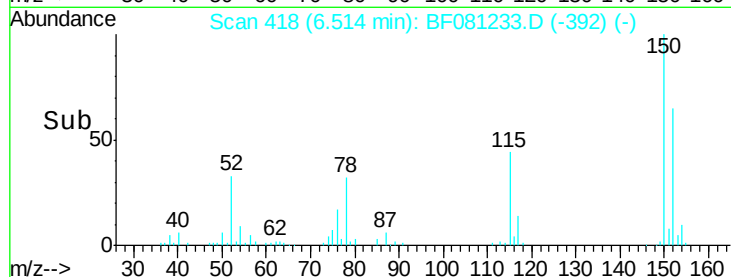
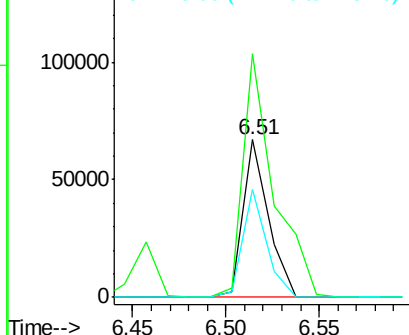
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63149
Ion Ratio Lower Upper
152 100
150 154.3 123.8 185.6
115 68.6 52.1 78.1



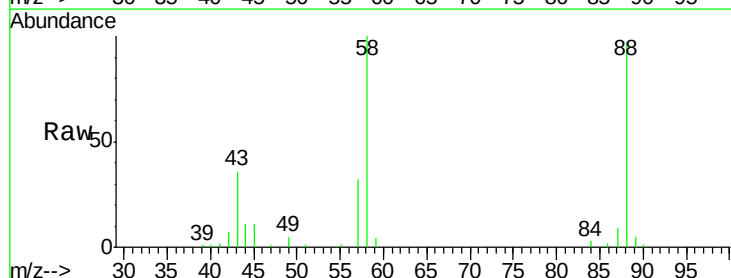
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



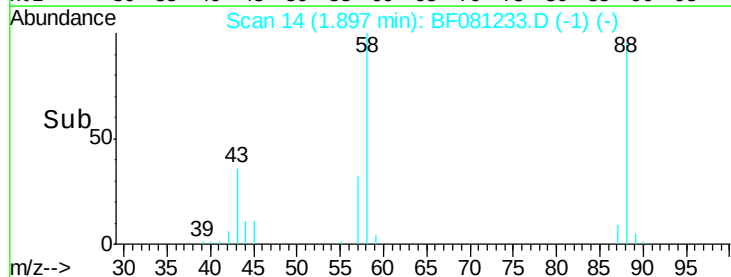
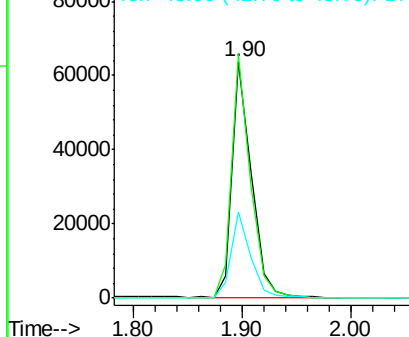
#2

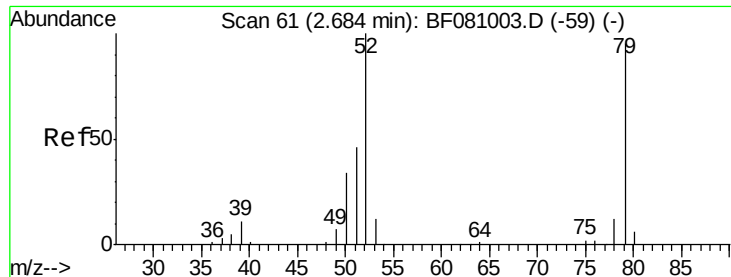
1,4-Dioxane
Concen: 39.54 ng
RT: 1.90 min Scan# 14
Delta R.T. -0.01 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion: 88 Resp: 78229
Ion Ratio Lower Upper
88 100
58 99.1 83.7 125.5
43 36.6 37.5 56.3#



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

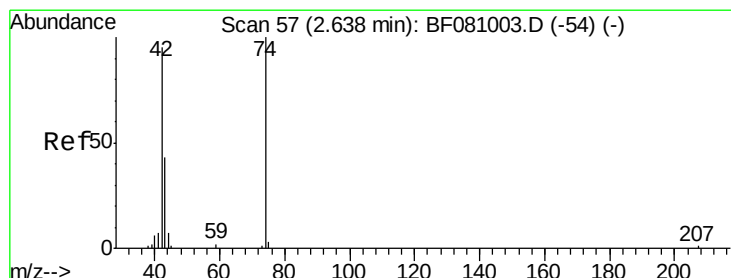
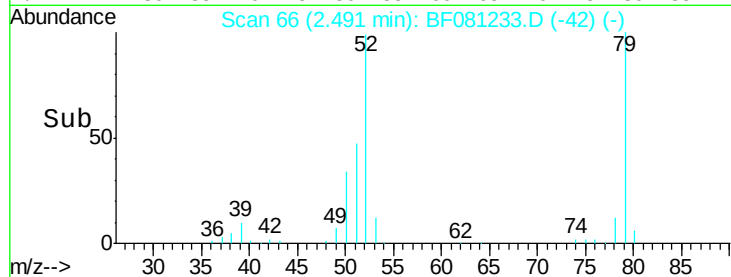
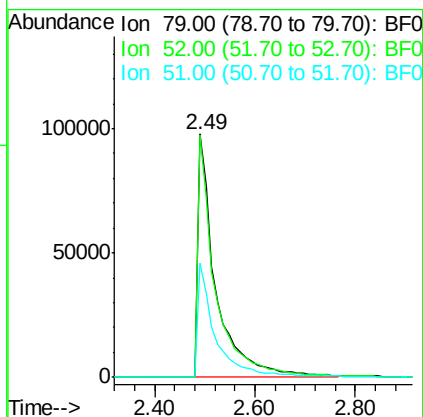
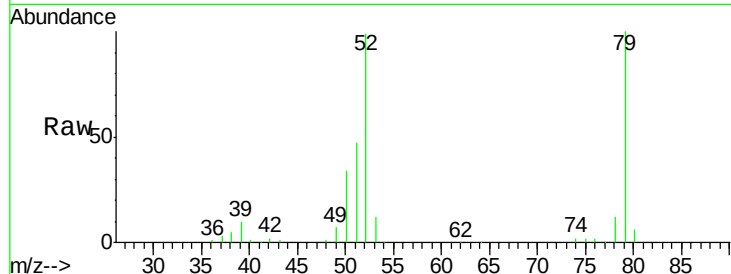




#3
 Pvrindine
 Concen: 43.73 ng
 RT: 2.49 min Scan# 66
 Delta R.T. -0.02 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

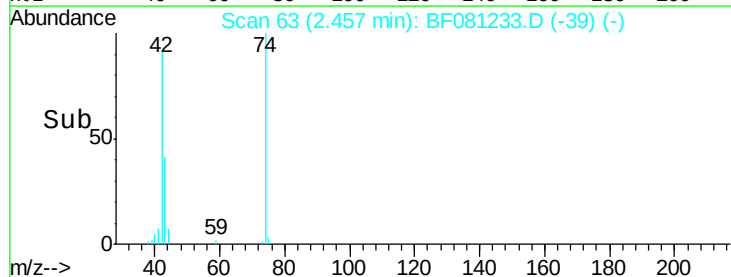
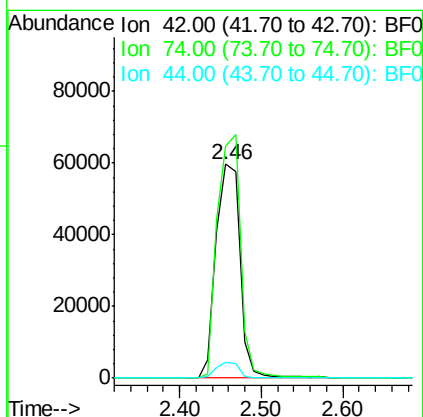
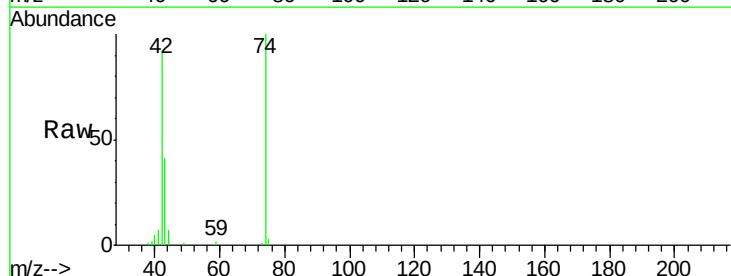
Instrument :
 BNA_F
 ClientSampleId :

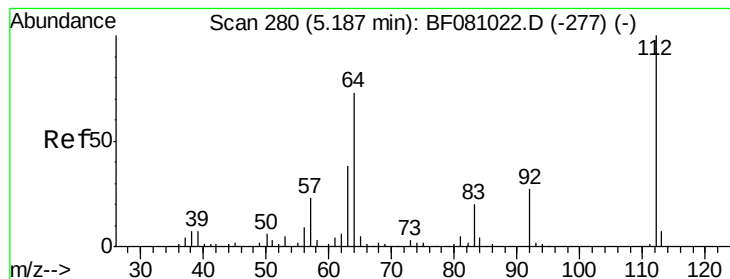
Tot Ion: 79 Resp: 244169
 Ion Ratio Lower Upper
 79 100
 52 99.5 95.1 142.7
 51 47.1 46.6 70.0



#4
 n-Nitrosodimethylamine
 Concen: 39.32 ng
 RT: 2.46 min Scan# 63
 Delta R.T. -0.02 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion: 42 Resp: 122243
 Ion Ratio Lower Upper
 42 100
 74 108.5 69.3 103.9#
 44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 79.67 ng

RT: 5.07 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

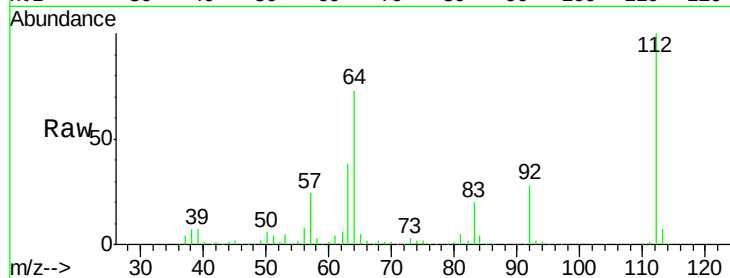
Tot Ion: 112 Resp: 334499

Ion Ratio Lower Upper

112 100

64 72.8 66.9 100.3

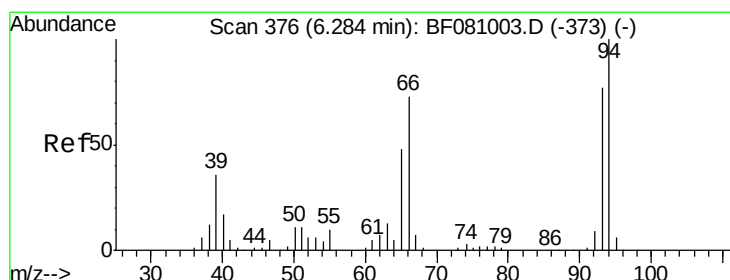
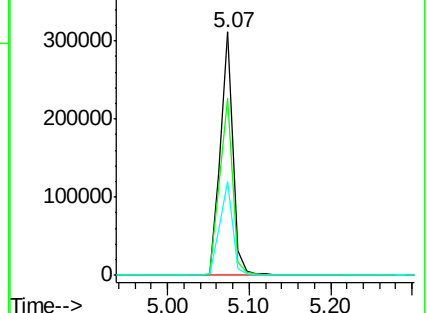
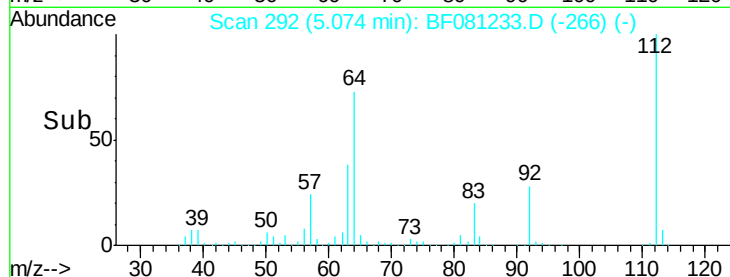
63 38.4 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.57 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

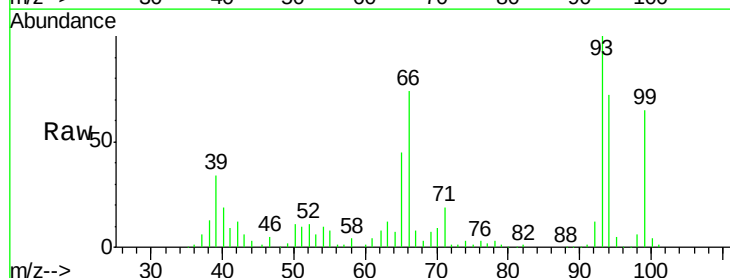
Tgt Ion: 93 Resp: 299247

Ion Ratio Lower Upper

93 100

66 74.1 35.6 53.4#

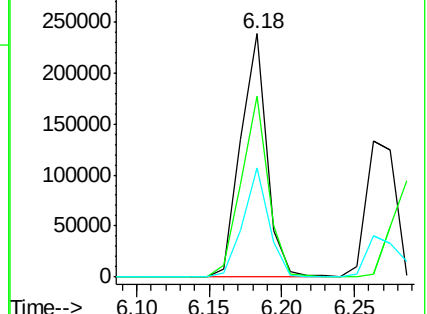
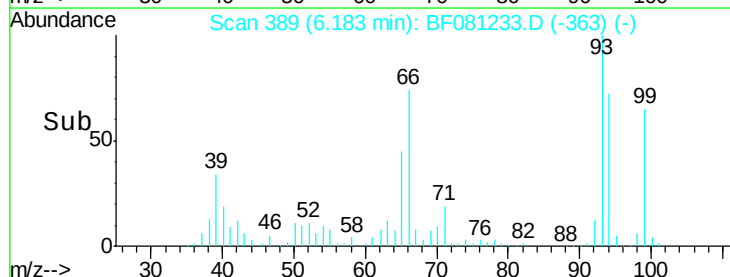
65 44.9 18.7 28.1#

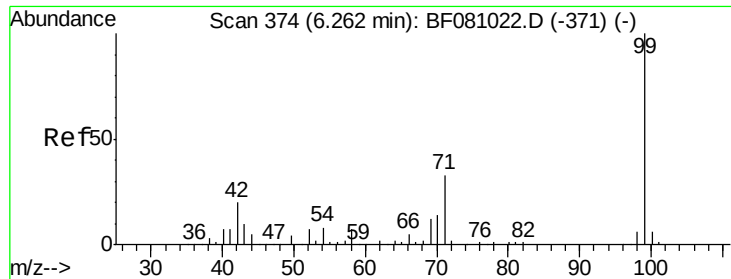


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.09 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

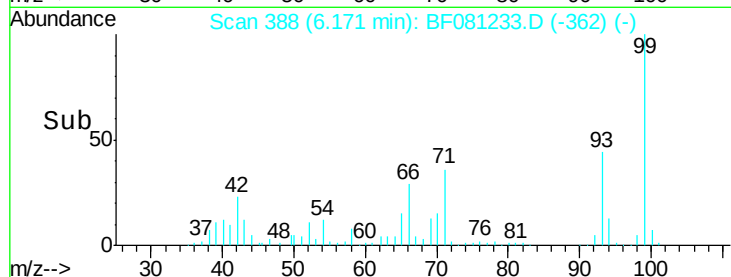
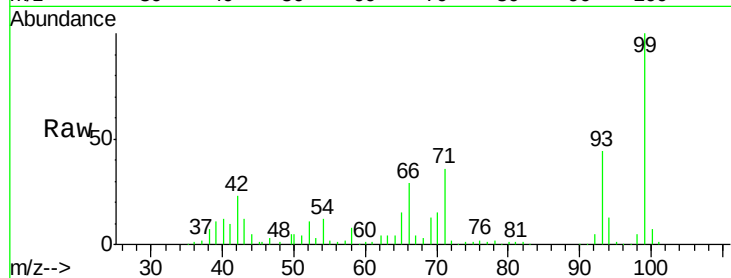
Tot Ion: 99 Resp: 422318

Ion Ratio Lower Upper

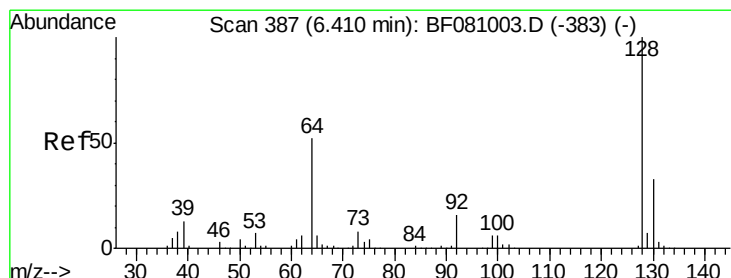
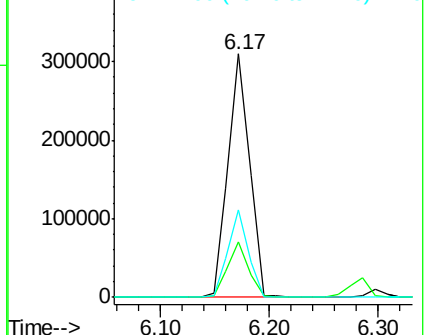
99 100

42 22.6 19.6 29.4

71 35.8 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: 37.54 ng

RT: 6.30 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

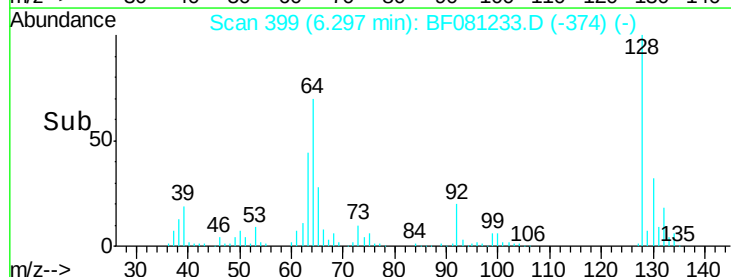
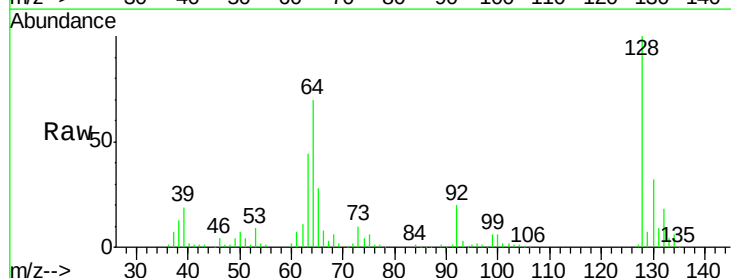
Tgt Ion: 128 Resp: 172500

Ion Ratio Lower Upper

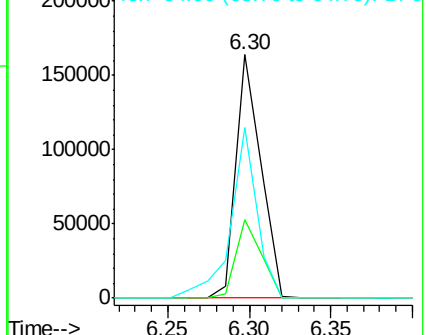
128 100

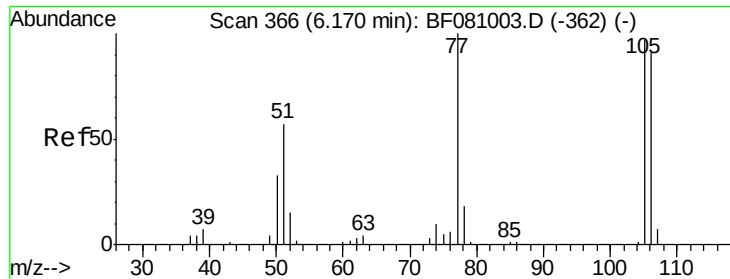
130 32.1 12.5 52.5

64 70.3 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: 39.96 ng

RT: 6.06 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

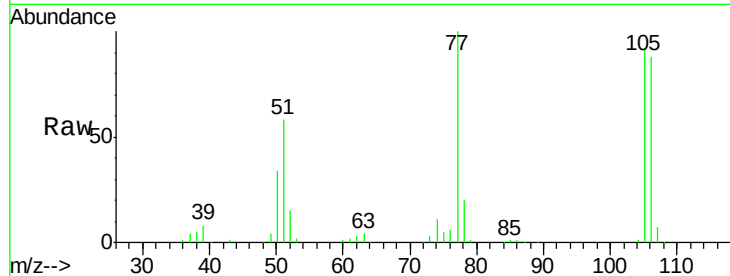
Tot Ion: 77 Resp: 141106

Ion Ratio Lower Upper

77 100

105 92.4 69.6 109.6

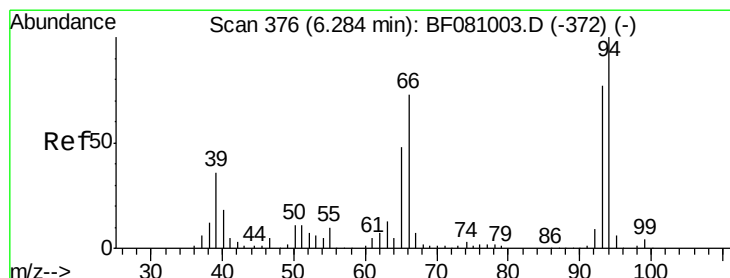
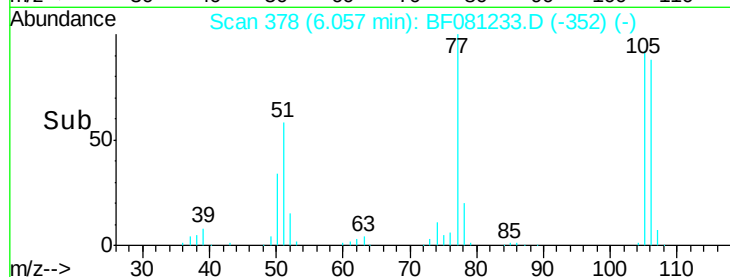
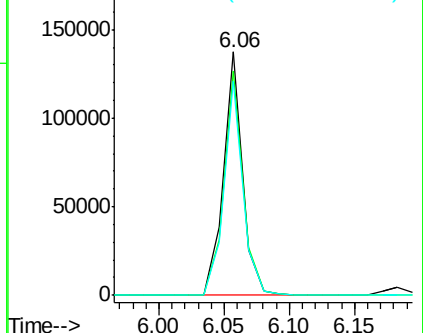
106 88.0 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.93 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

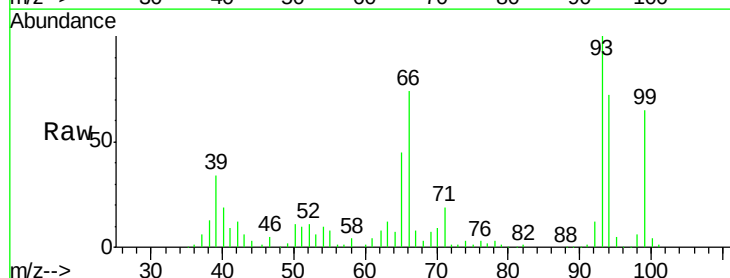
Tgt Ion: 94 Resp: 225968

Ion Ratio Lower Upper

94 100

65 62.6 28.4 68.4

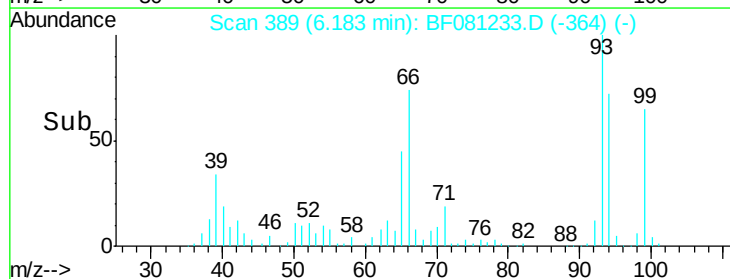
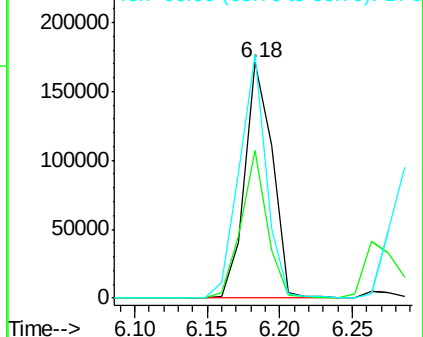
66 103.4 52.3 92.3#

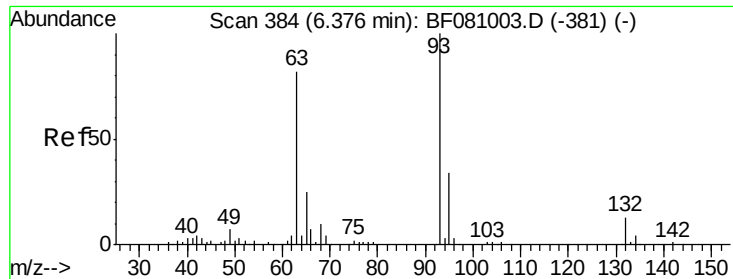


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

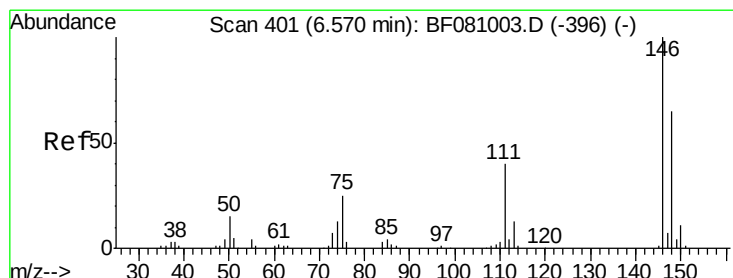
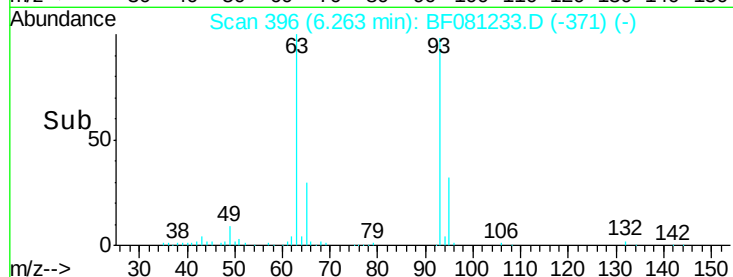
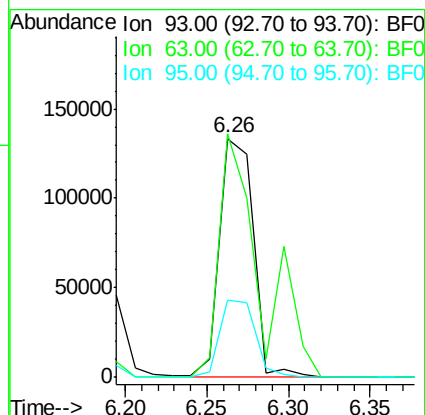
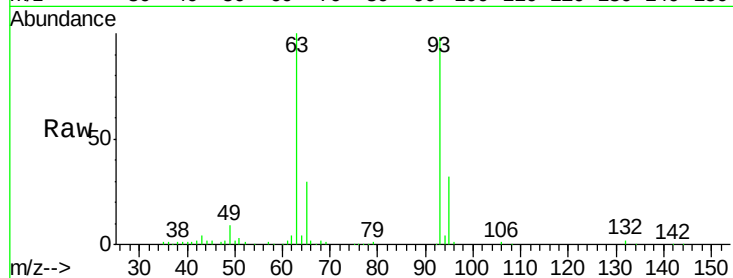




#11
bis(2-Chloroethyl)ether
Concen: 38.21 ng
RT: 6.26 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

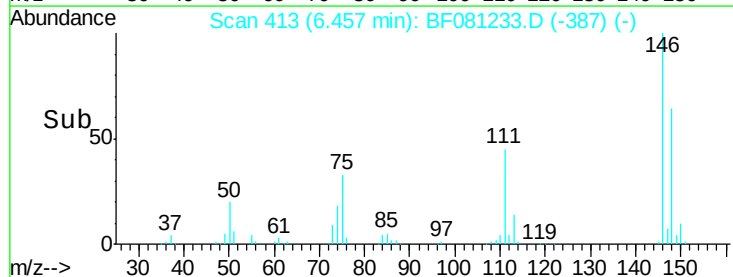
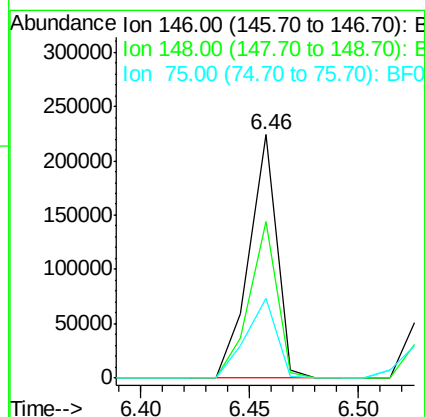
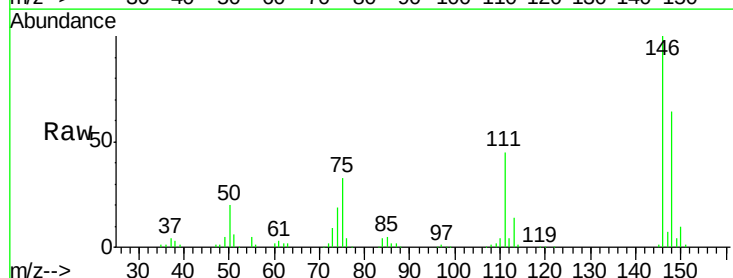
Instrument :
BNA_F
ClientSampleId :

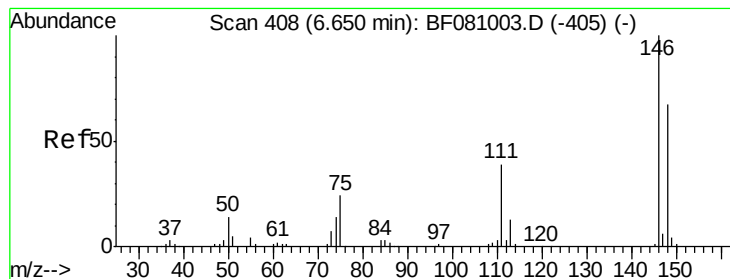
Tot Ion: 93 Resp: 189694
Ion Ratio Lower Upper
93 100
63 101.8 69.6 109.6
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.47 ng
RT: 6.46 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion: 146 Resp: 199826
Ion Ratio Lower Upper
146 100
148 64.5 53.3 79.9
75 32.8 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 41.85 ng

RT: 6.54 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampled :

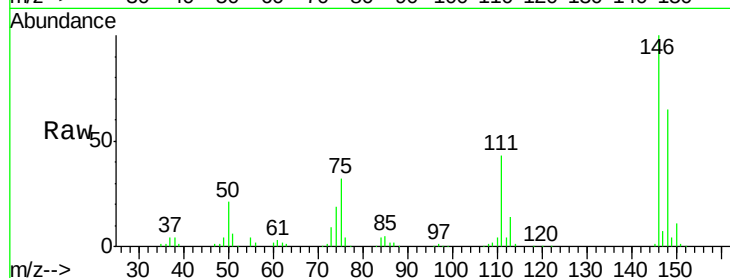
Tot Ion:146 Resp: 204635

Ion Ratio Lower Upper

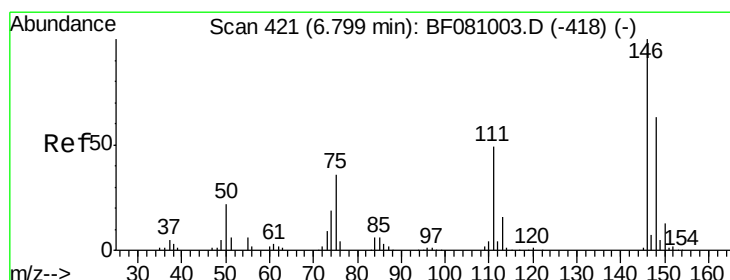
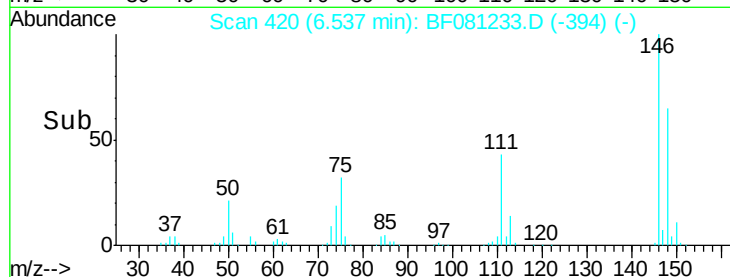
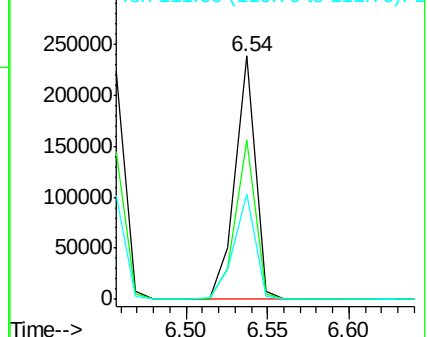
146 100

148 65.4 52.3 78.5

111 43.2 34.4 51.6



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



#14

1,2-Dichlorobenzene

Concen: 34.29 ng

RT: 6.69 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

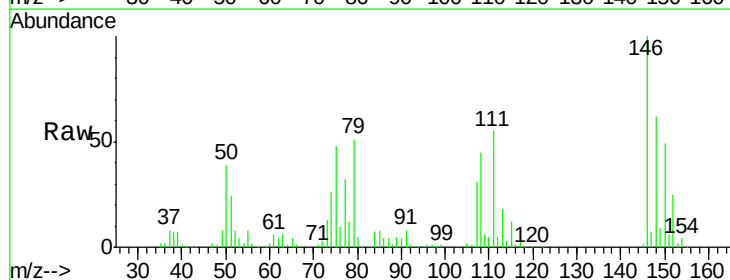
Tgt Ion:146 Resp: 156930

Ion Ratio Lower Upper

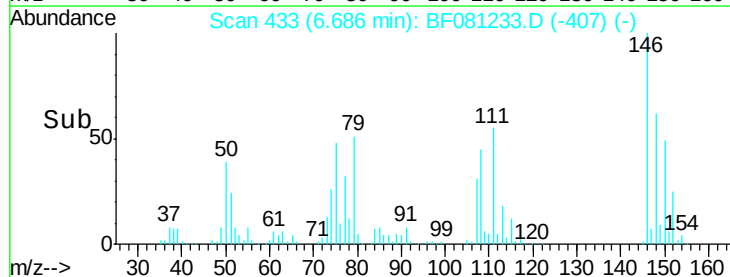
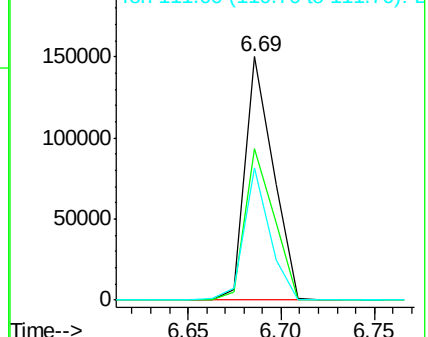
146 100

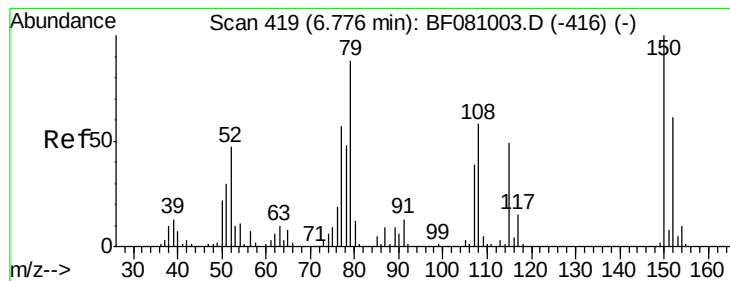
148 62.4 48.7 73.1

111 54.6 42.3 63.5



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





#15

Benzyl Alcohol

Concen: 36.00 ng

RT: 6.67 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampled :

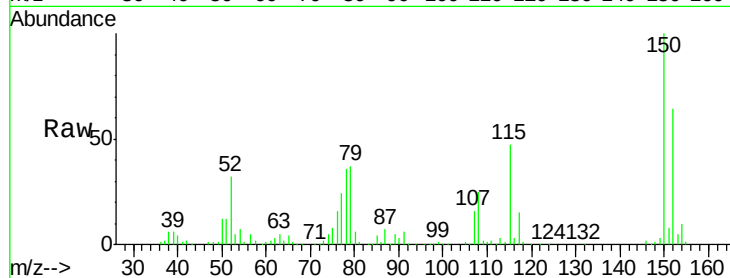
Tot Ion: 79 Resp: 159541

Ion Ratio Lower Upper

79 100

108 67.6 49.4 74.2

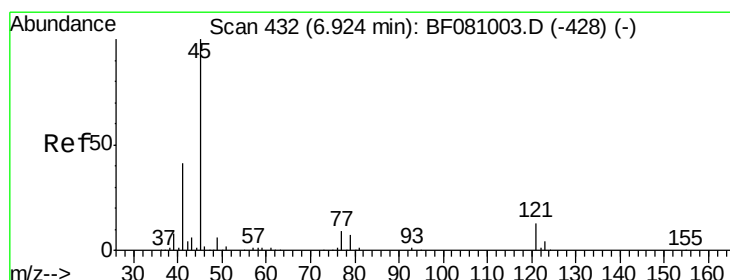
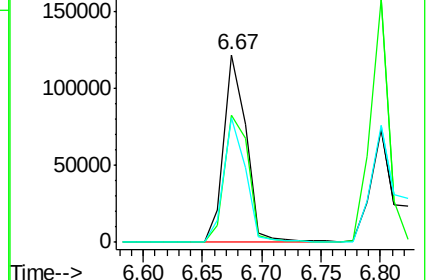
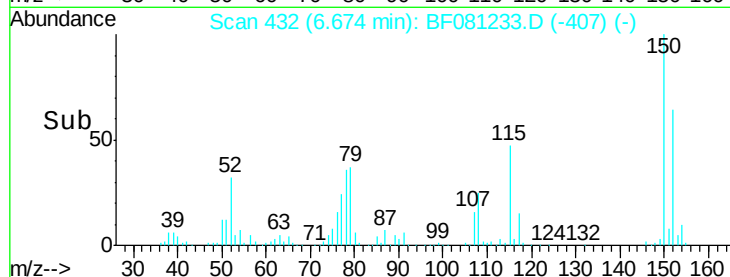
77 66.5 51.4 77.0



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: 37.35 ng

RT: 6.82 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

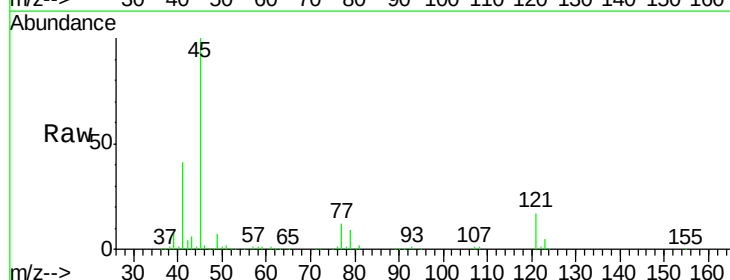
Tgt Ion: 45 Resp: 364311

Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.2

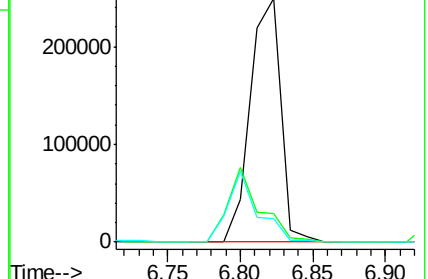
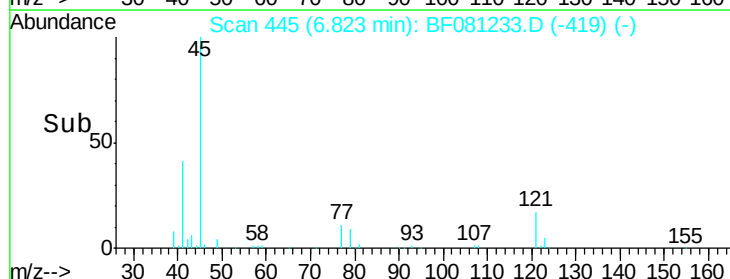
79 9.5 0.0 28.0

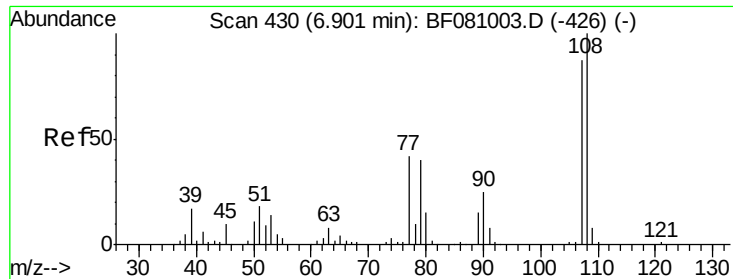


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

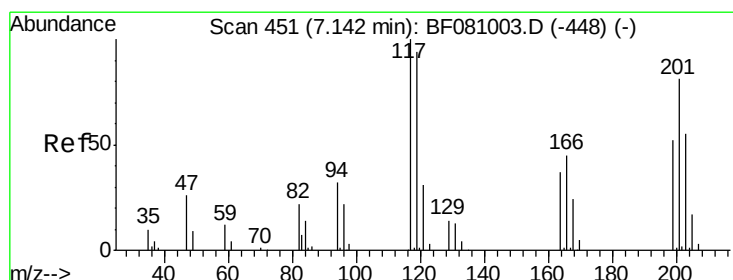
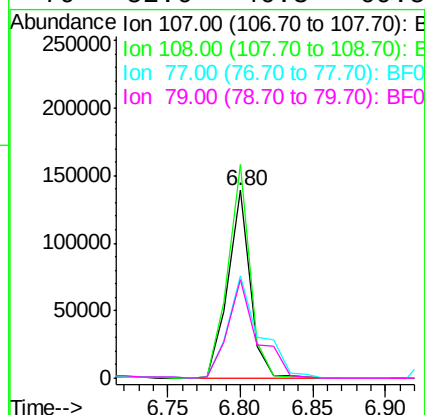
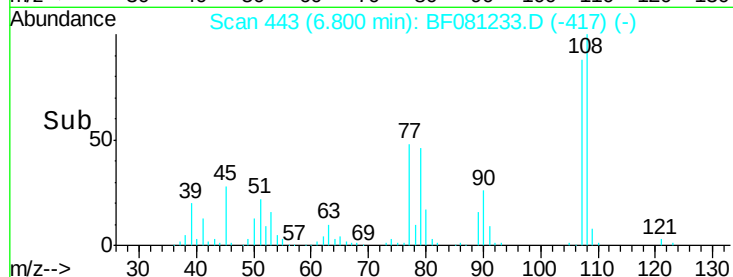
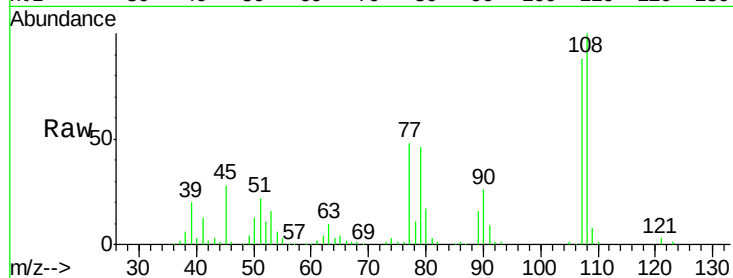




#17
2-Methylphenol
Concen: 37.77 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

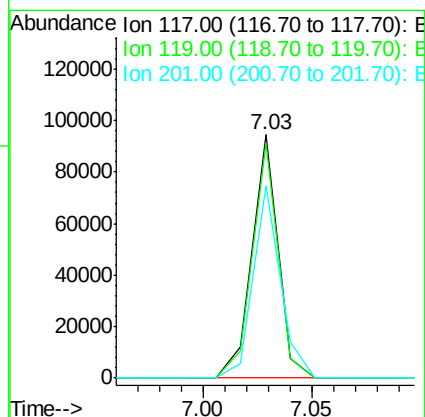
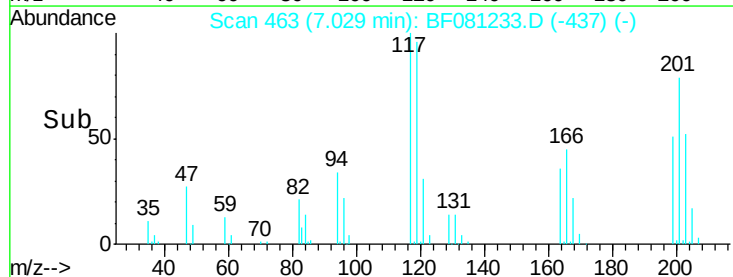
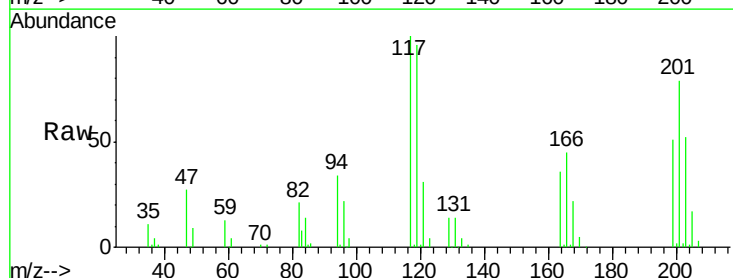
Instrument :
BNA_F
ClientSampleId :

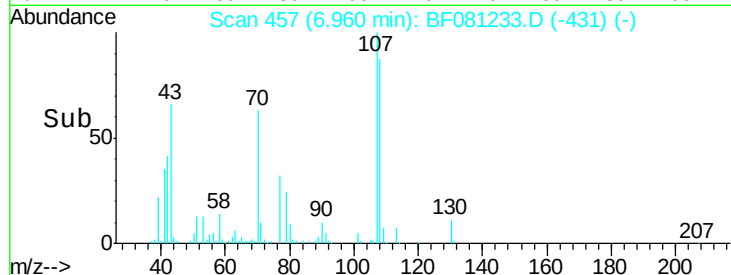
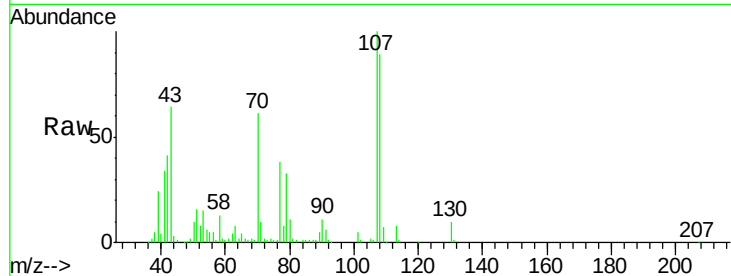
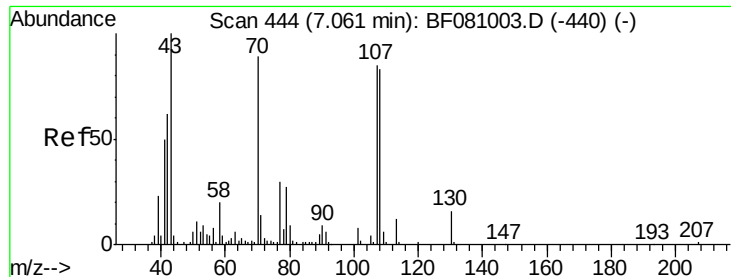
Tot Ion:	107	Resp:	148917
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.4	135.6
77	54.7	46.5	69.7
79	52.6	46.3	69.5



#18
Hexachloroethane
Concen: 39.68 ng
RT: 7.03 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion:	117	Resp:	78399
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.9	116.9
201	79.0	61.3	91.9

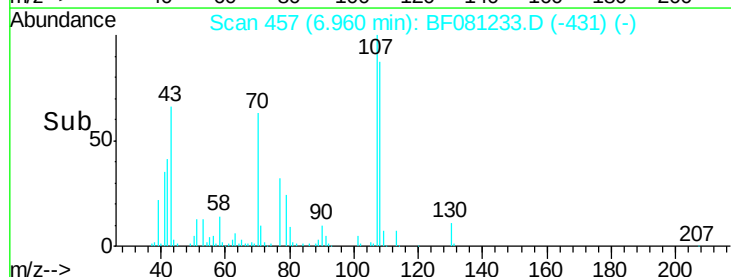
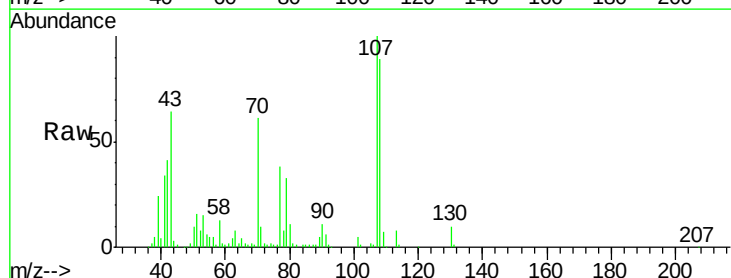
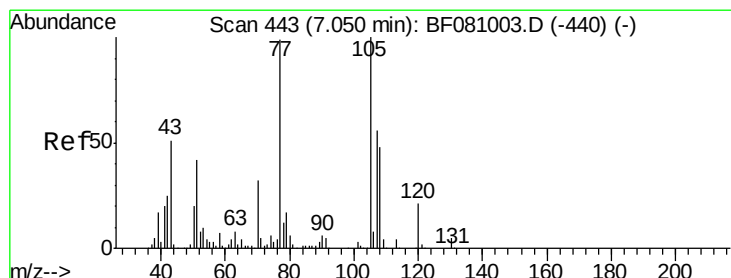
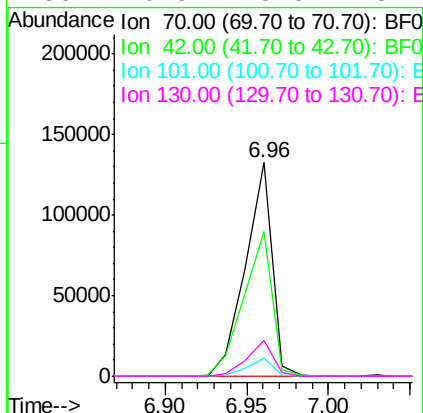




#19
n-Nitroso-di-n-propylamine
Concen: 39.58 ng
RT: 6.96 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

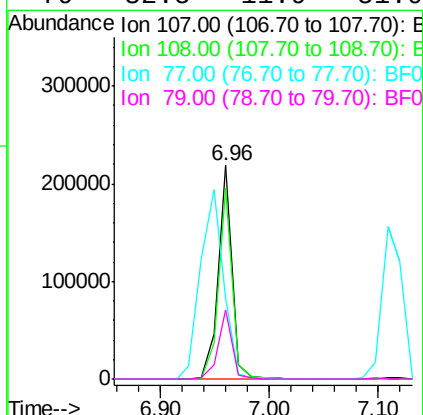
Instrument :
BNA_F
ClientSampleId :

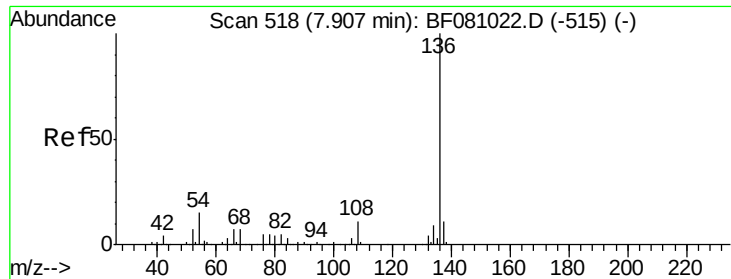
Tot Ion:	70	Resp:	150198
Ion	Ratio	Lower	Upper
70	100		
42	67.7	65.0	97.4
101	8.4	7.4	11.2
130	16.9	13.0	19.4



#20
3+4-Methylphenols
Concen: 38.94 ng
RT: 6.96 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion:	107	Resp:	194897
Ion	Ratio	Lower	Upper
107	100		
108	89.2	66.1	106.1
77	37.9	139.3	179.3#
79	32.5	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF081233.D

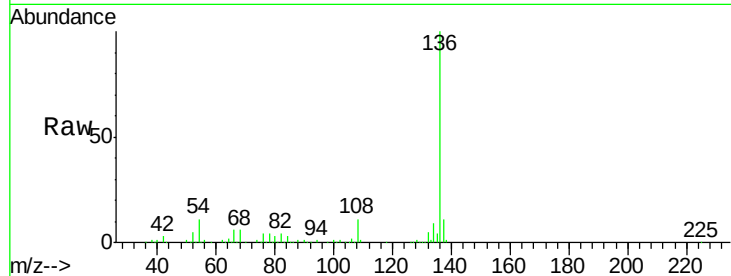
Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	251812
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	10.6	7.7 11.5
68	6.1	3.4 5.2#

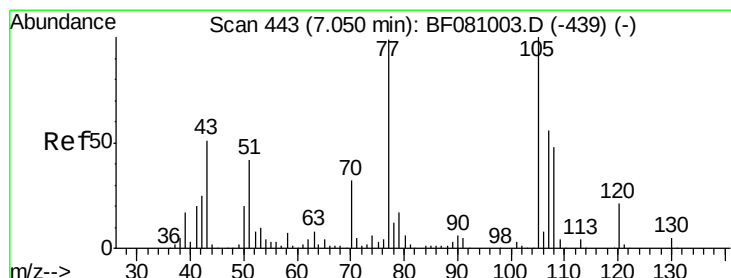
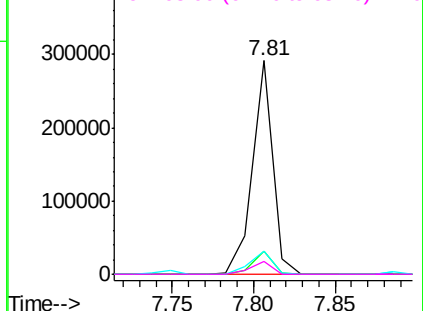
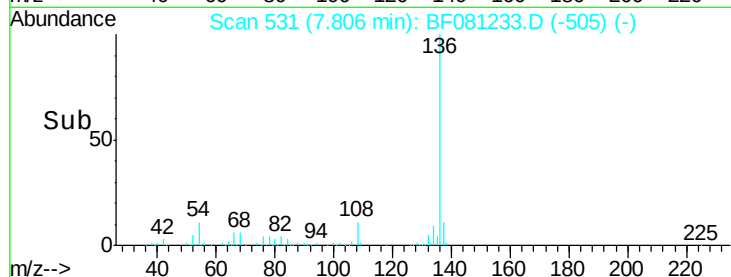


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.86 ng

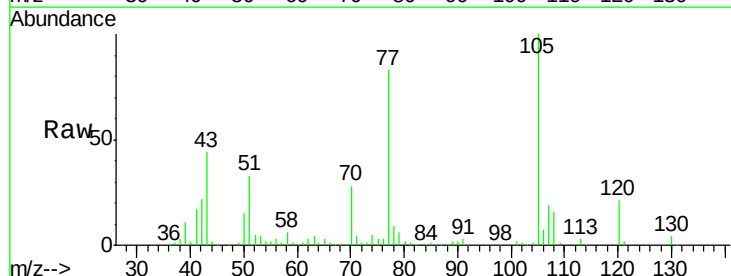
RT: 6.95 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Tgt Ion:105	Resp:	270132
Ion Ratio	Lower	Upper
105	100	
71	4.5	3.0 4.6
51	33.4	39.8 59.8#
120	20.5	15.8 23.8

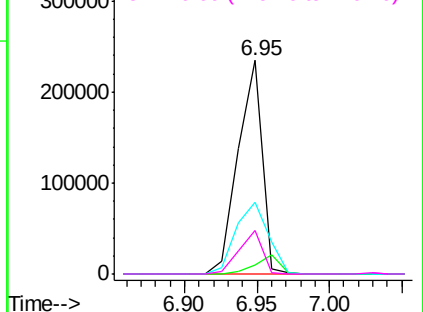
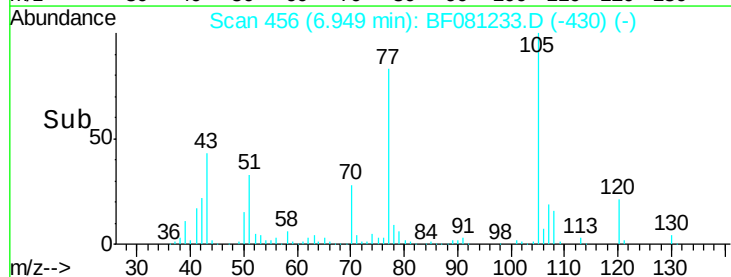


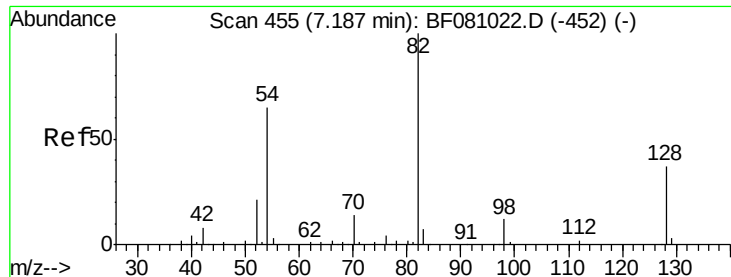
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

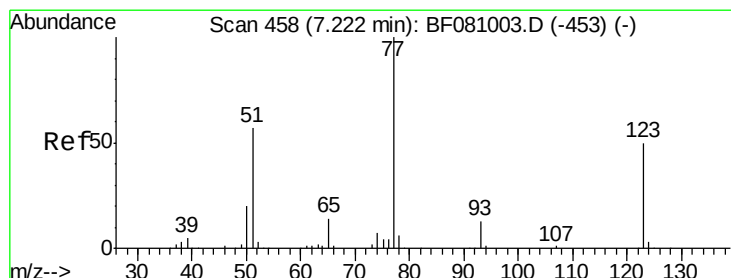
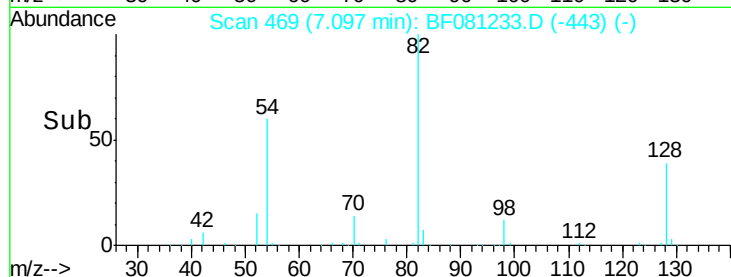
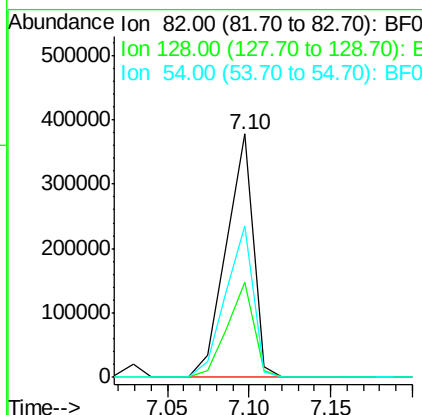
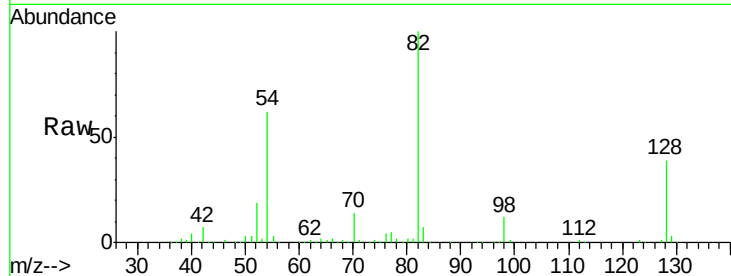




#23
 Nitrobenzene-d5
 Concen: 78.14 ng
 RT: 7.10 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

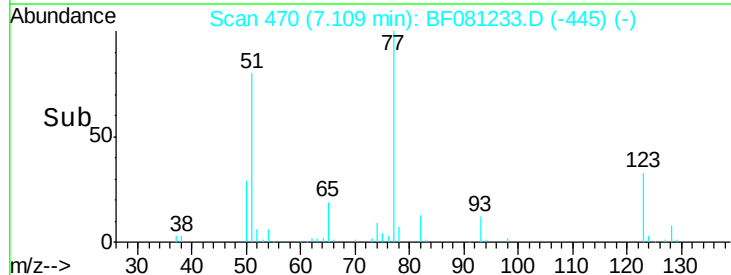
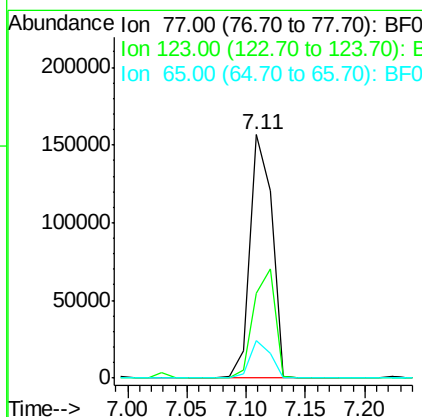
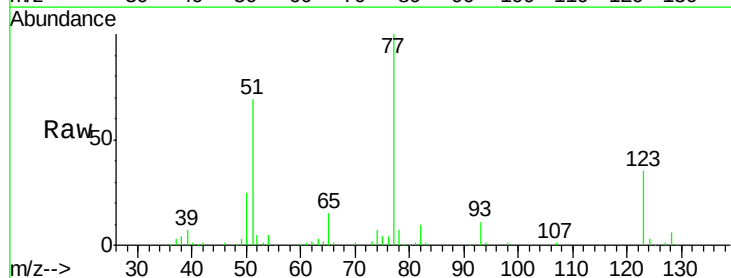
Instrument :
 BNA_F
 ClientSampleId :

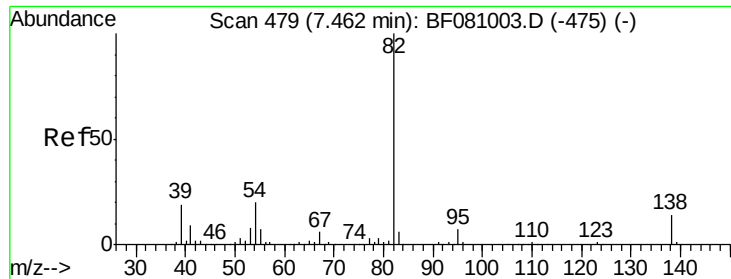
Tot Ion: 82 Resp: 430743
 Ion Ratio Lower Upper
 82 100
 128 39.3 28.6 42.8
 54 62.2 55.1 82.7



#24
 Nitrobenzene
 Concen: 35.50 ng
 RT: 7.11 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion: 77 Resp: 204621
 Ion Ratio Lower Upper
 77 100
 123 34.9 32.9 49.3
 65 15.5 12.5 18.7





#25

Isophorone

Concen: 38.53 ng

RT: 7.36 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

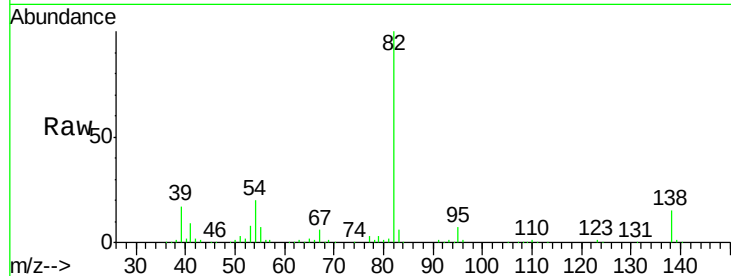
Tot Ion: 82 Resp: 396032

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

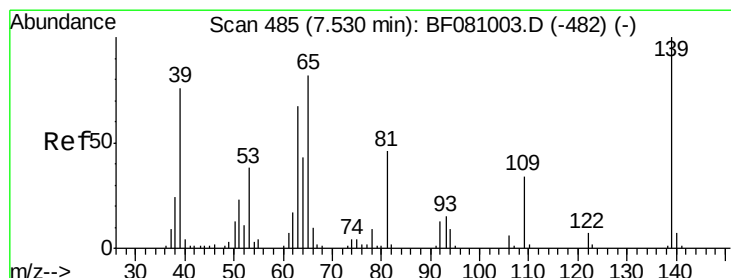
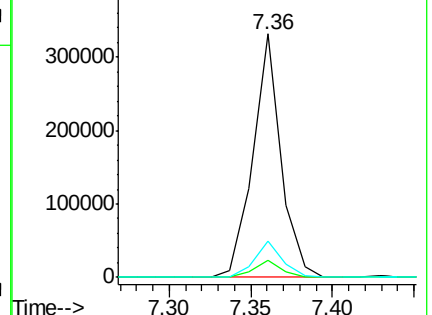
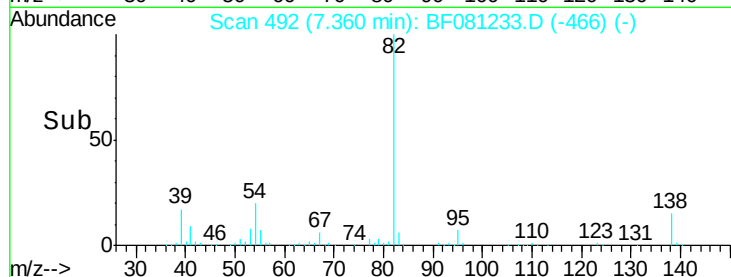
138 14.9 10.5 15.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.55 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

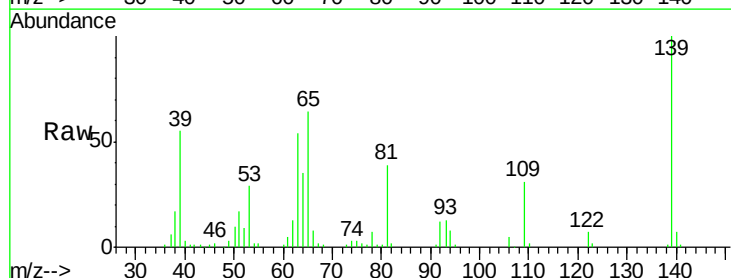
Tgt Ion: 139 Resp: 99588

Ion Ratio Lower Upper

139 100

109 30.9 32.1 48.1#

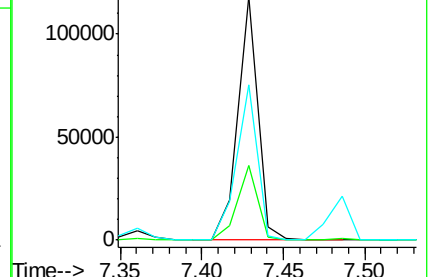
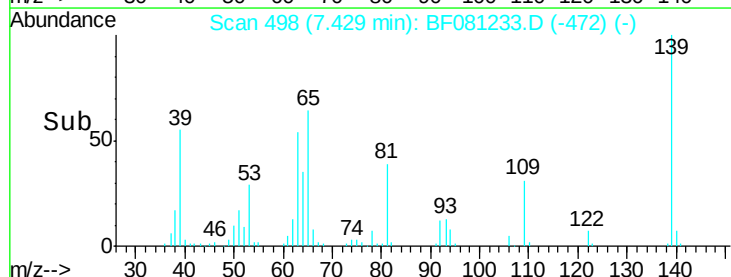
65 64.0 69.9 104.9#

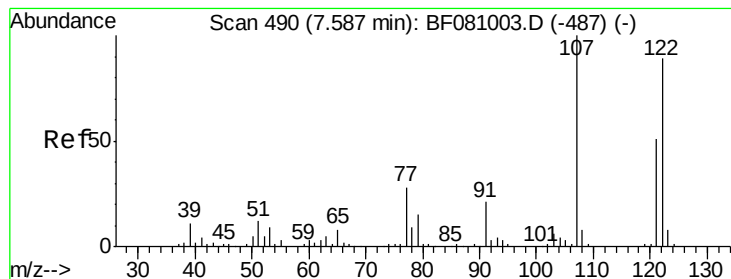


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.78 ng

RT: 7.49 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampled :

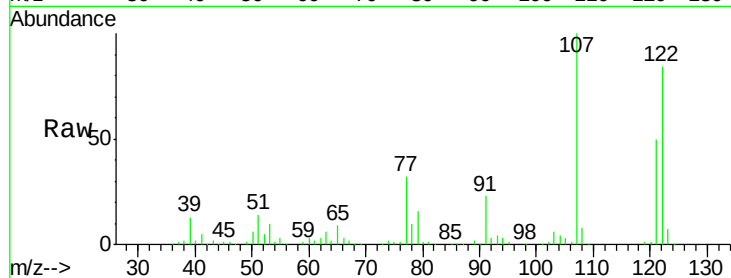
Tot Ion:122 Resp: 172926

Ion Ratio Lower Upper

122 100

107 118.7 103.8 155.6

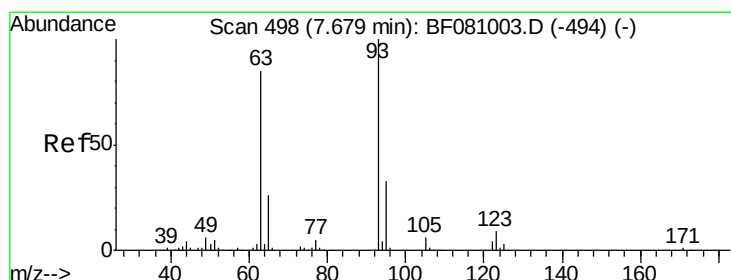
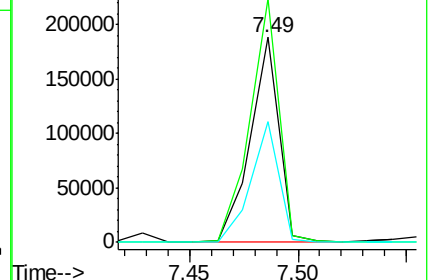
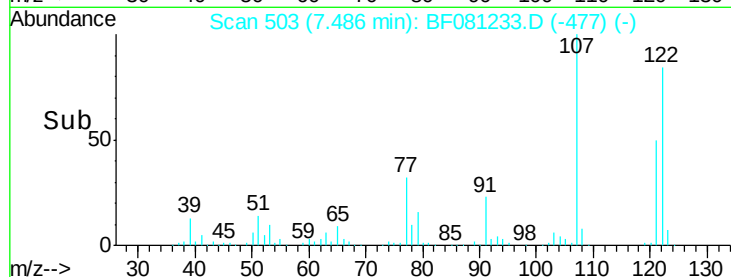
121 59.1 47.0 70.4



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: 37.83 ng

RT: 7.58 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

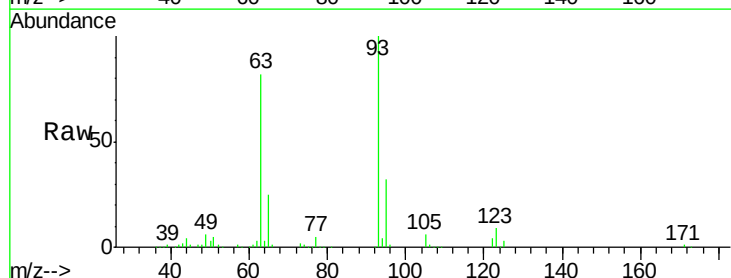
Tgt Ion: 93 Resp: 229708

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

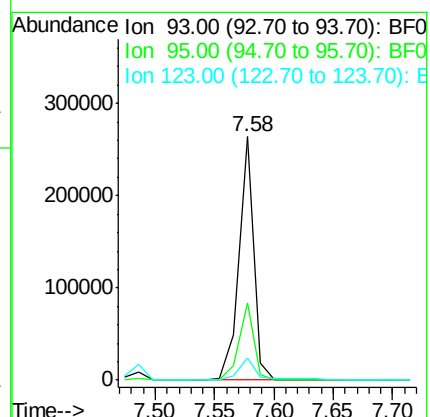
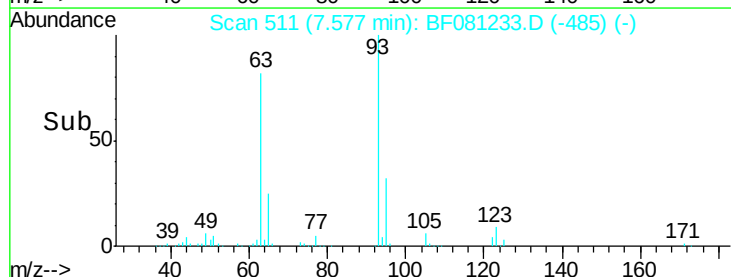
123 9.0 7.4 11.0

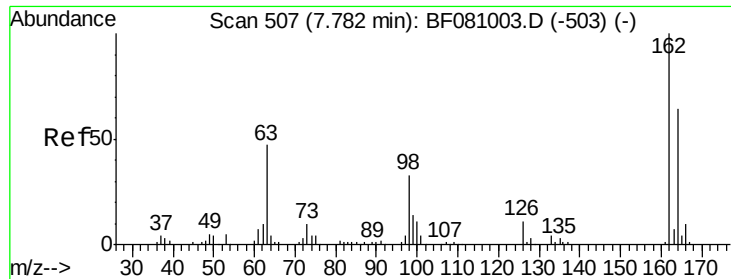


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

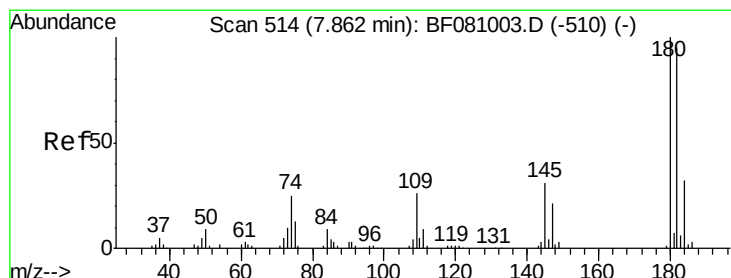
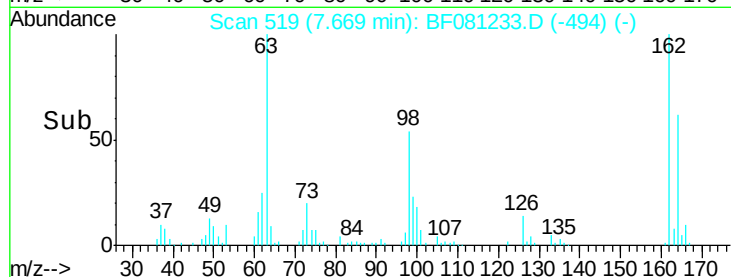
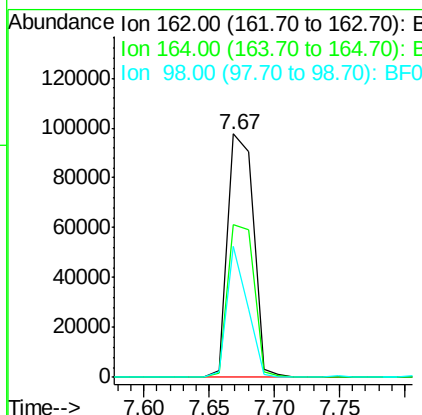
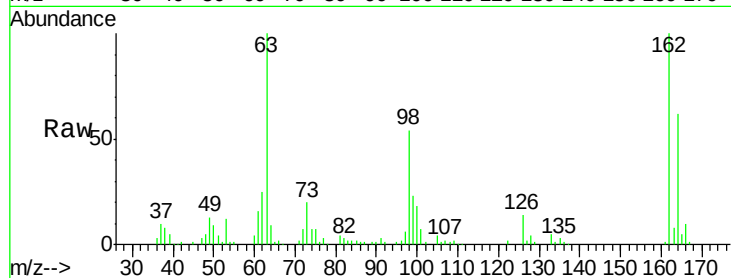




#29
 2,4-Dichlorophenol
 Concen: 37.65 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

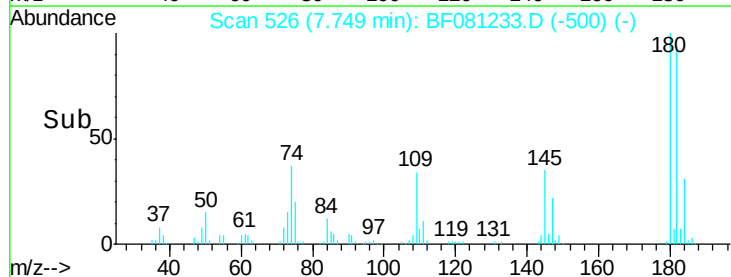
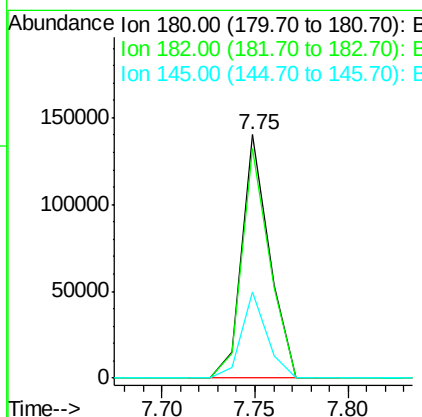
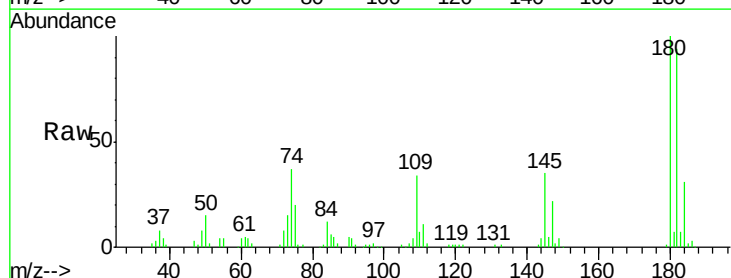
Instrument :
 BNA_F
 ClientSampled :

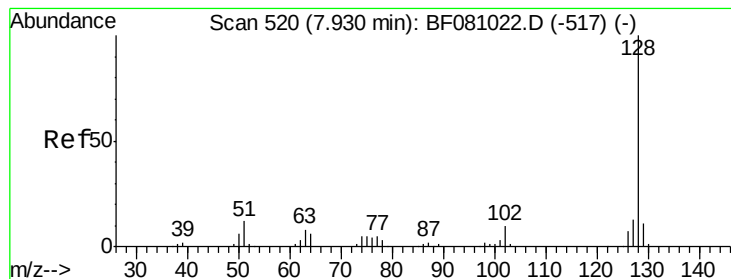
Tot Ion:162 Resp: 134413
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.2 83.2
 98 53.9 12.3 52.3#



#30
 1,2,4-Trichlorobenzene
 Concen: 36.14 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion:180 Resp: 143387
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.4 114.6
 145 35.5 25.4 38.2





#31

Naphthalene

Concen: 40.15 ng

RT: 7.83 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

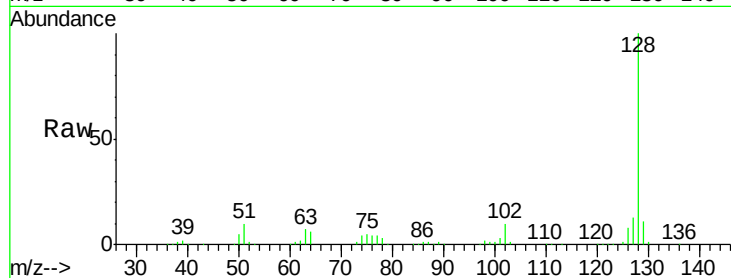
Tot Ion:128 Resp: 563639

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

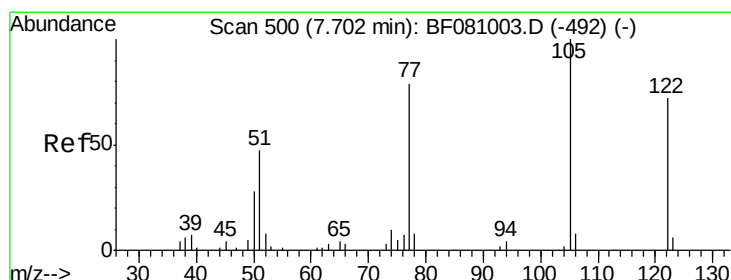
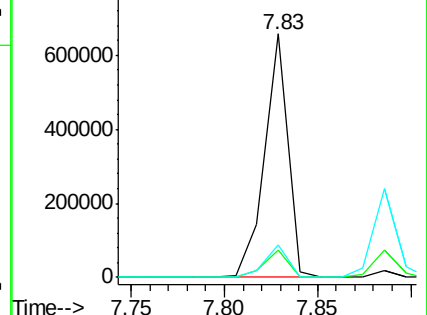
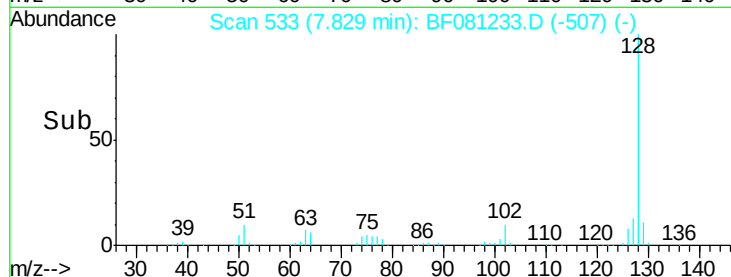
127 13.4 10.6 16.0



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: 39.99 ng

RT: 7.63 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

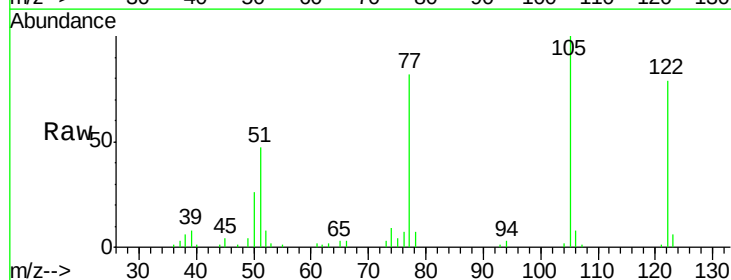
Tgt Ion:122 Resp: 95374

Ion Ratio Lower Upper

122 100

105 126.9 113.8 153.8

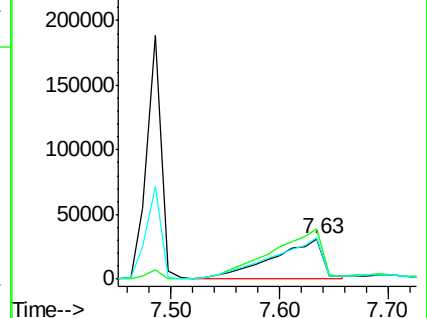
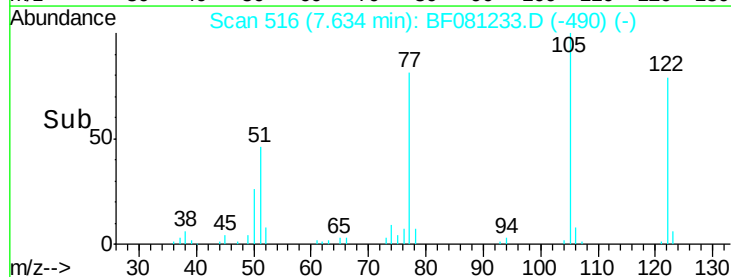
77 104.4 93.8 133.8

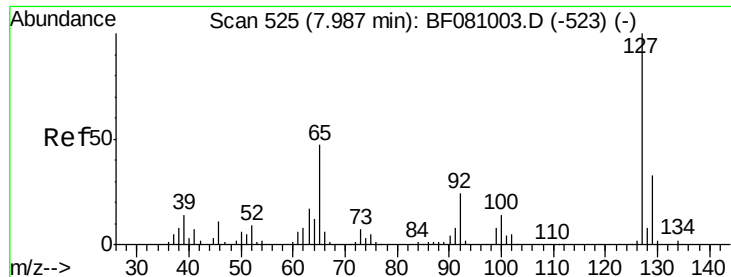


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

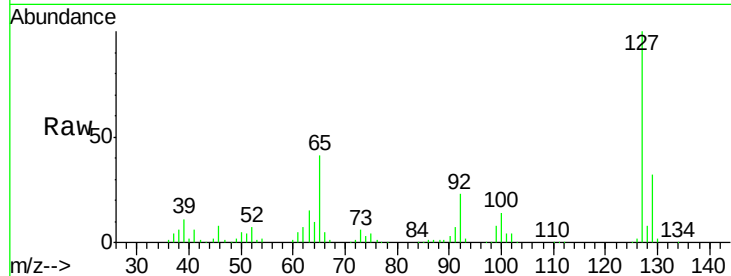




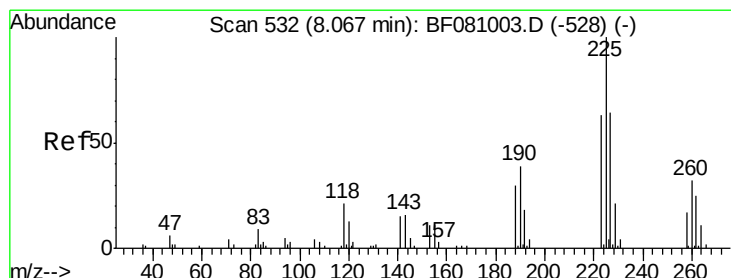
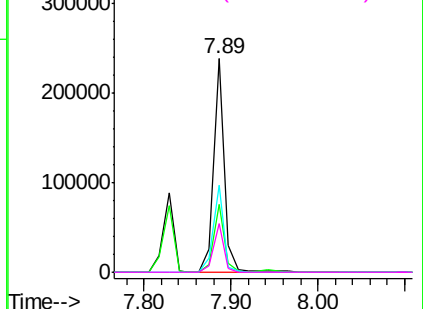
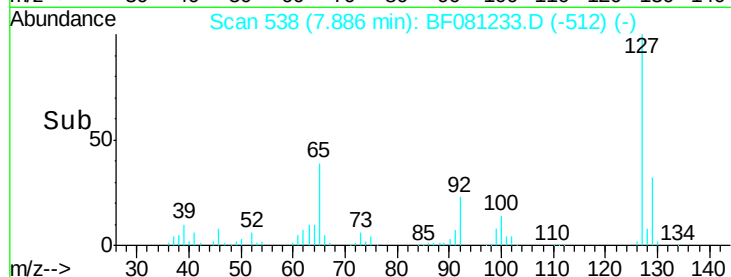
#33
4-Chloroaniline
Concen: 35.33 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	209237
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.2	37.8
65	40.5	37.8	56.6
92	22.9	19.5	29.3

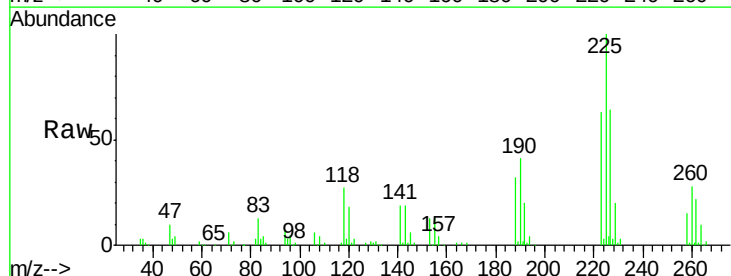


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

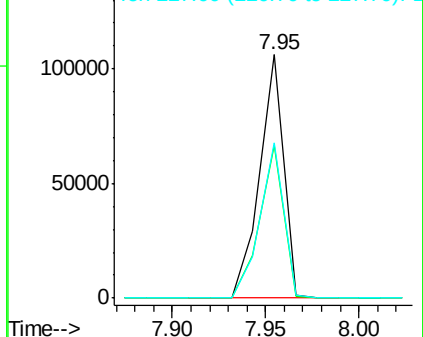
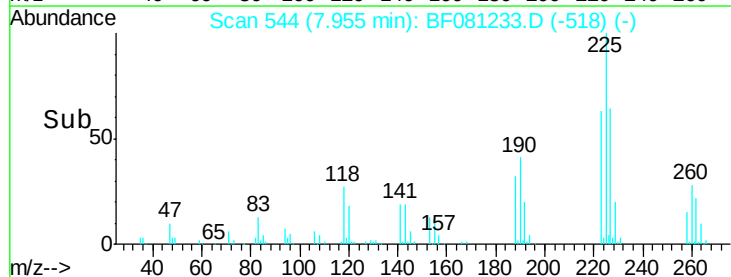


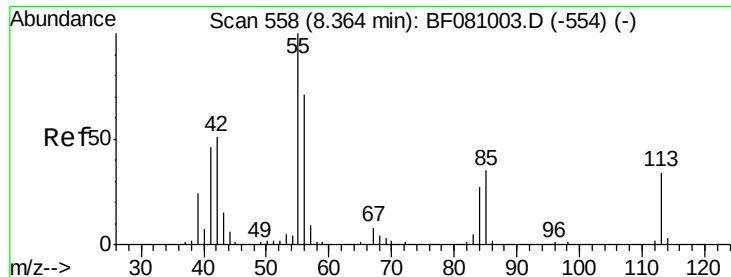
#34
Hexachlorobutadiene
Concen: 41.99 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion:	225	Resp:	94221
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.6	79.0
227	63.7	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

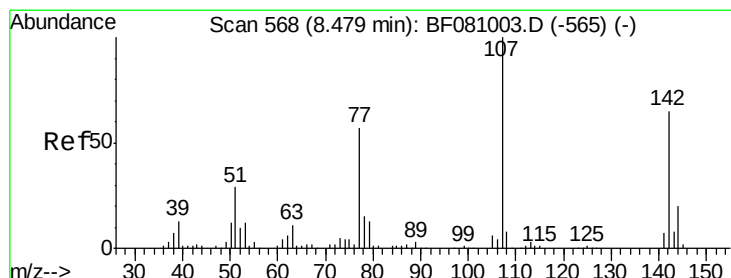
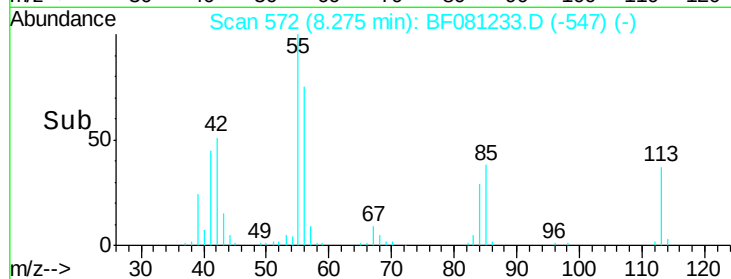
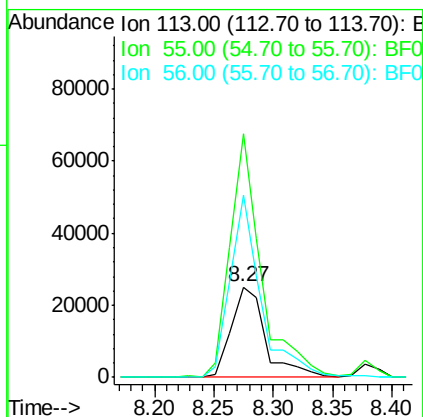
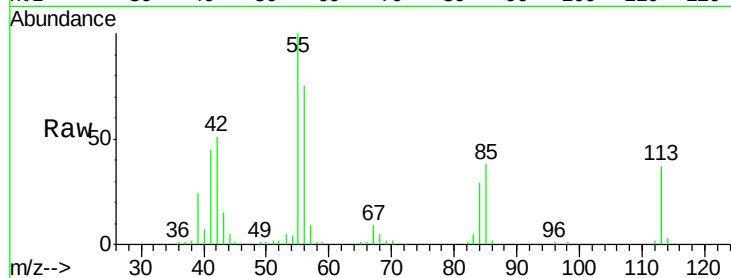




#35
 Caprolactam
 Concen: 40.42 ng
 RT: 8.27 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

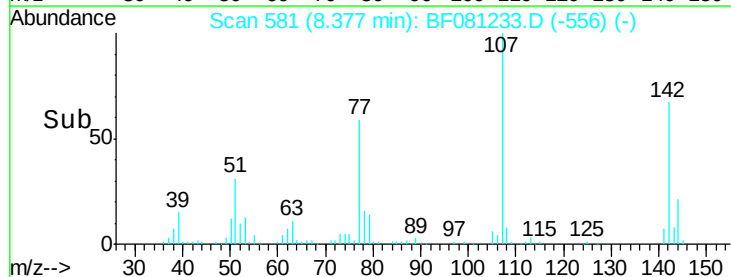
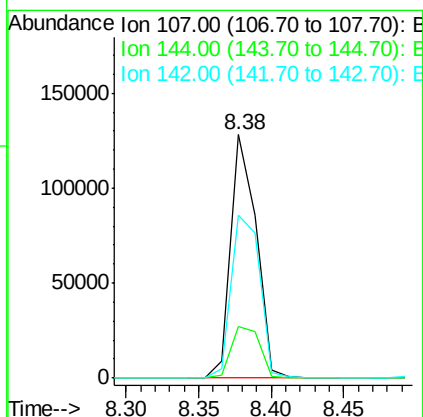
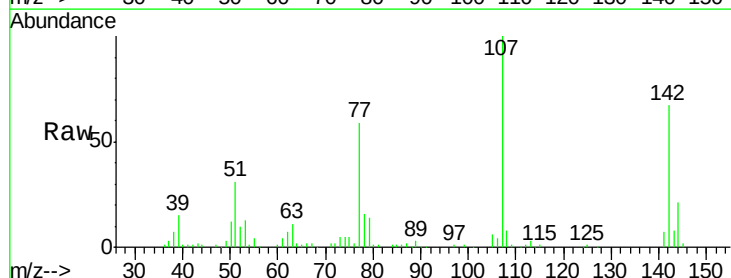
Instrument :
 BNA_F
 ClientSampleId :

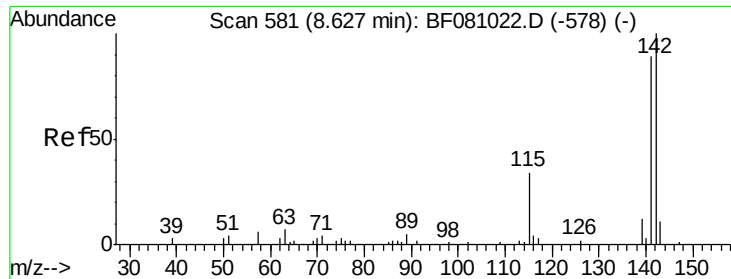
Tot Ion:113 Resp: 50437
 Ion Ratio Lower Upper
 113 100
 55 270.2 280.4 320.4#
 56 201.5 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 36.89 ng
 RT: 8.38 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion:107 Resp: 156965
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.2 25.8
 142 66.7 54.9 82.3

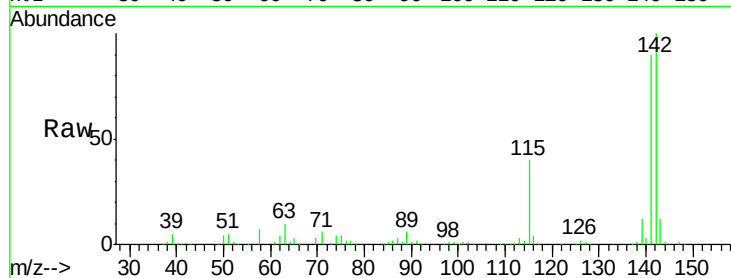




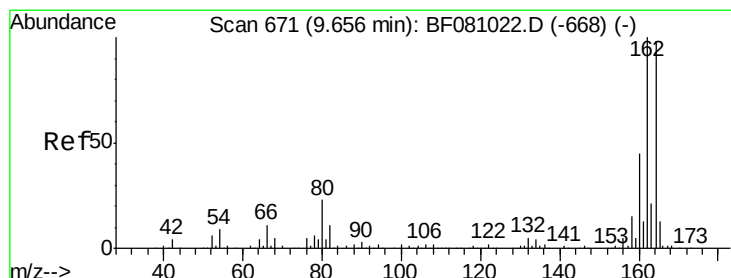
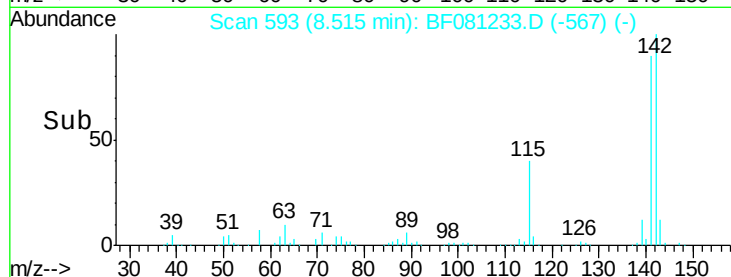
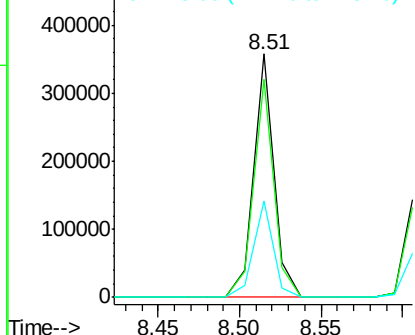
#37
 2-Methylnaphthalene
 Concen: 34.99 ng
 RT: 8.51 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 310200
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.2
 115 39.6 33.4 50.0

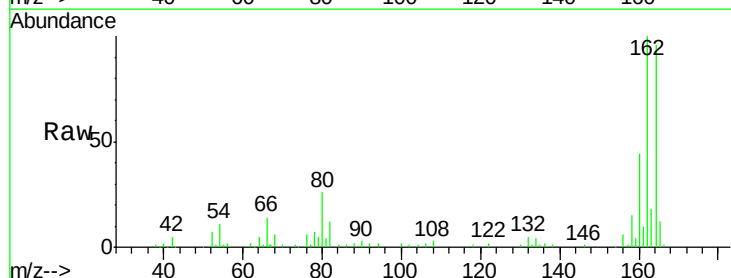


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

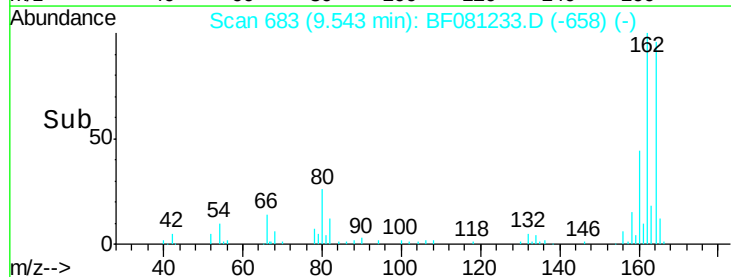
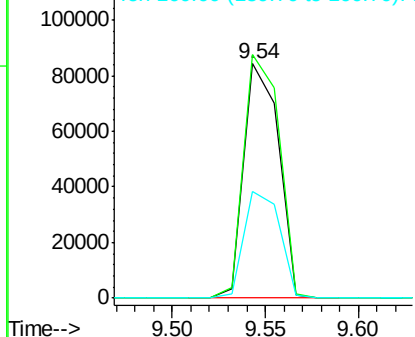


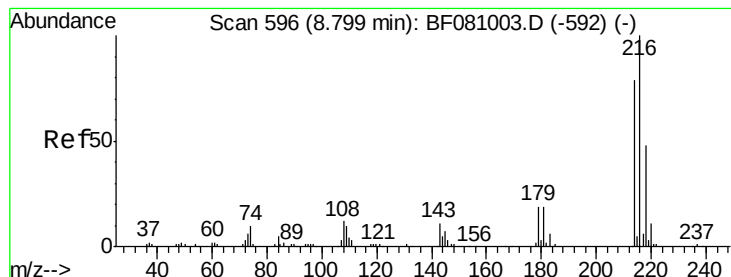
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion:164 Resp: 108946
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.8 125.8
 160 45.5 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: 41.99 ng

RT: 8.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 147605

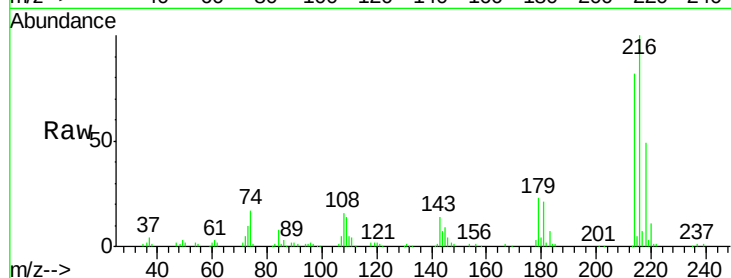
Ion Ratio Lower Upper

216 100

214 81.2 63.8 95.8

179 23.2 17.8 26.8

108 21.3 16.2 24.2

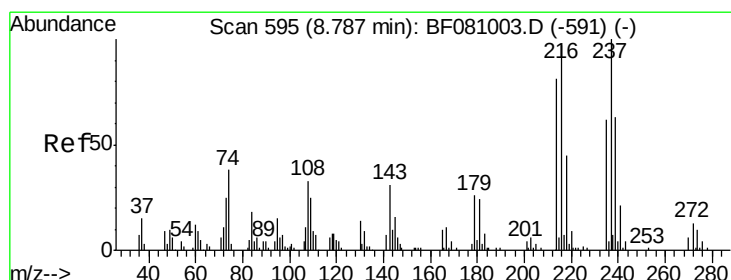
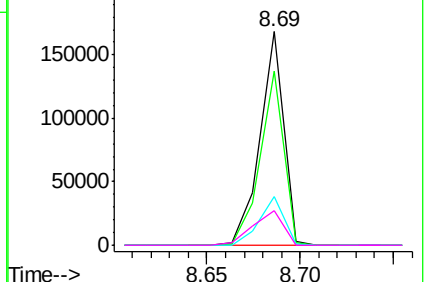
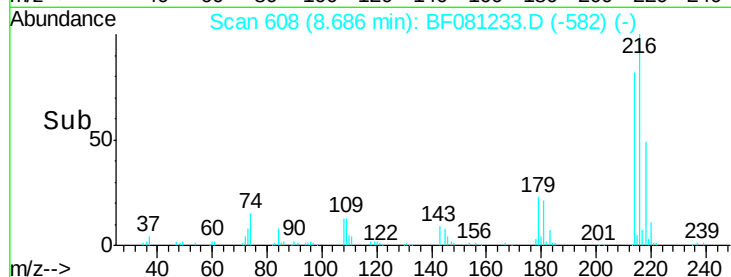


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.91 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

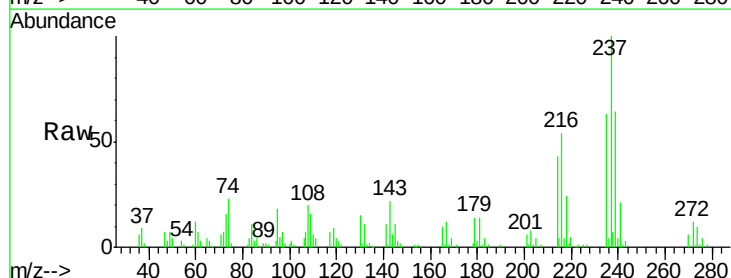
Tgt Ion:237 Resp: 70796

Ion Ratio Lower Upper

237 100

235 63.0 43.6 83.6

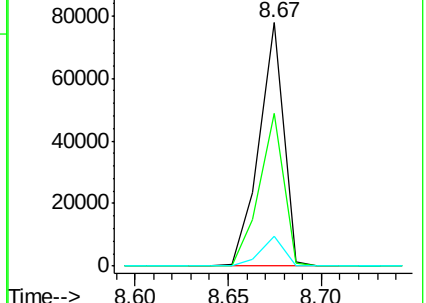
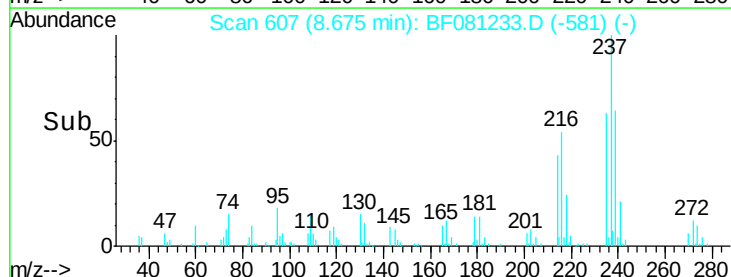
272 12.1 0.0 32.2

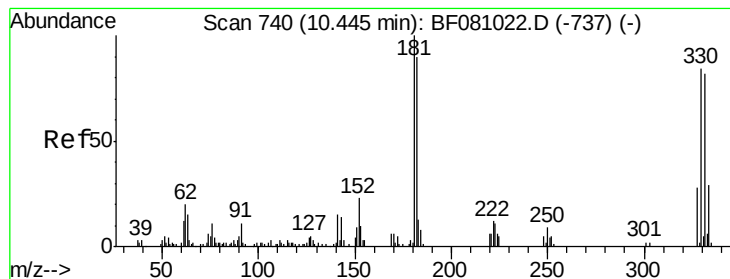


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 75.70 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

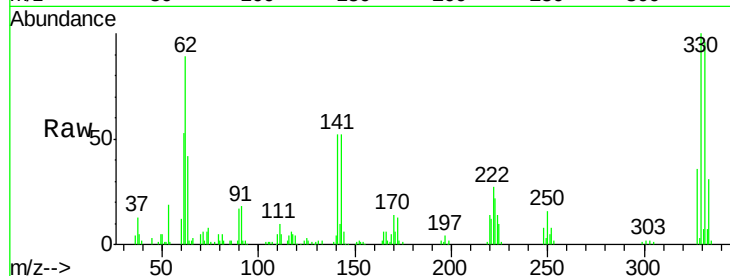
Tot Ion:330 Resp: 71487

Ion Ratio Lower Upper

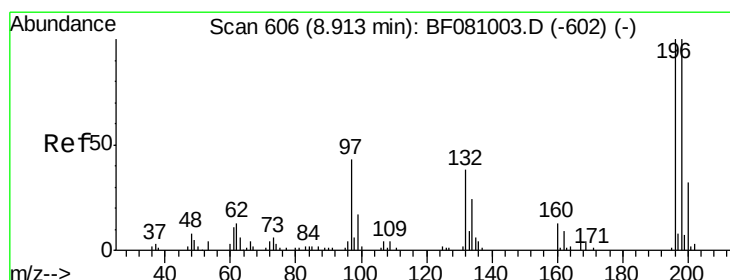
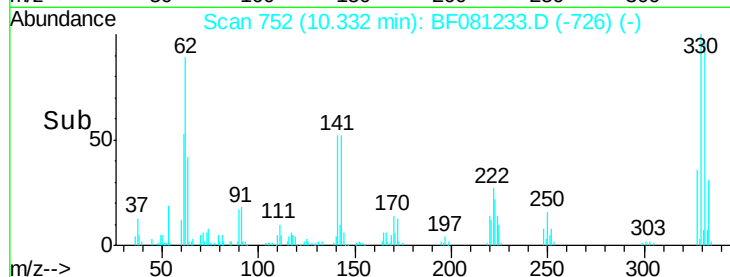
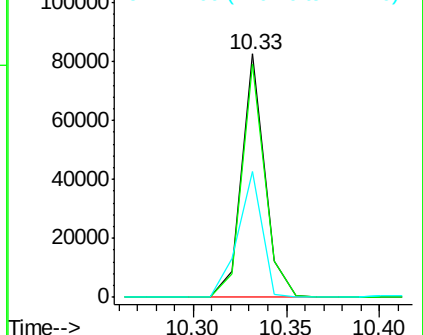
330 100

332 95.7 77.3 115.9

141 54.9 44.9 67.3



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



#42

2,4,6-Trichlorophenol

Concen: 40.77 ng

RT: 8.80 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

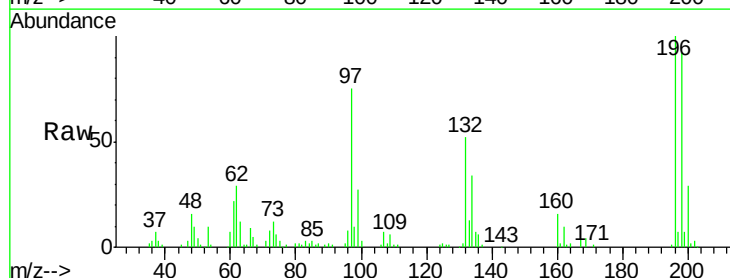
Tgt Ion:196 Resp: 101234

Ion Ratio Lower Upper

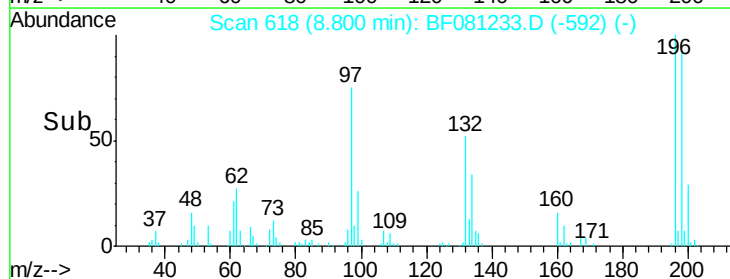
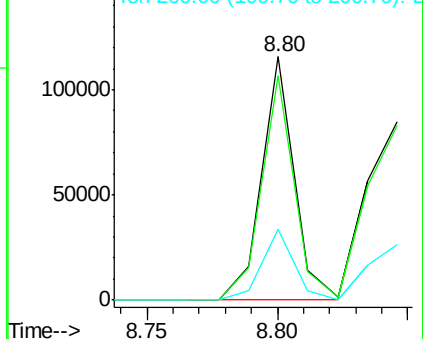
196 100

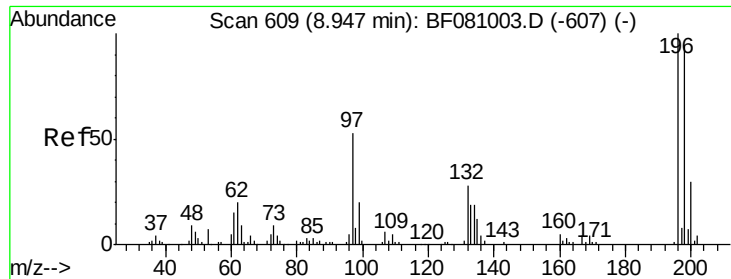
198 92.4 74.6 111.8

200 29.1 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

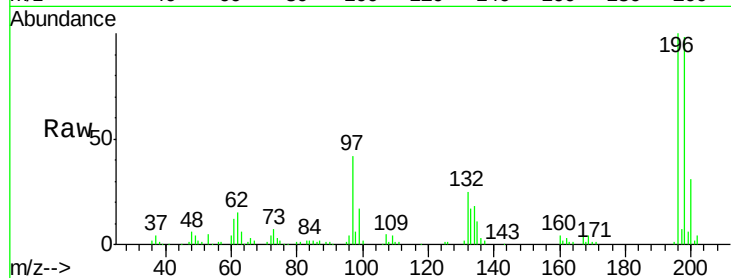




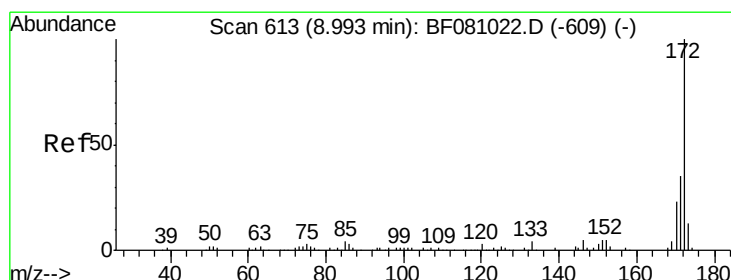
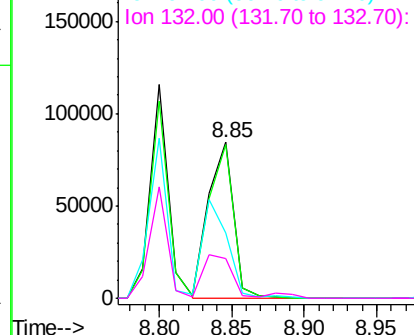
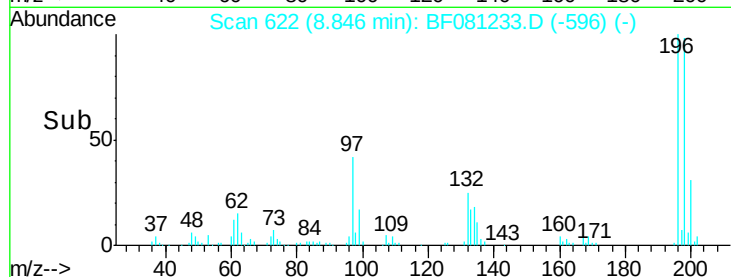
#43
 2,4,5-Trichlorophenol
 Concen: 41.24 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.3	117.5
97	41.6	42.7	64.1#
132	25.4	23.3	34.9

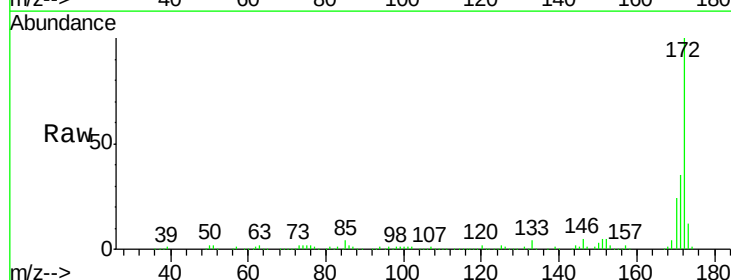


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

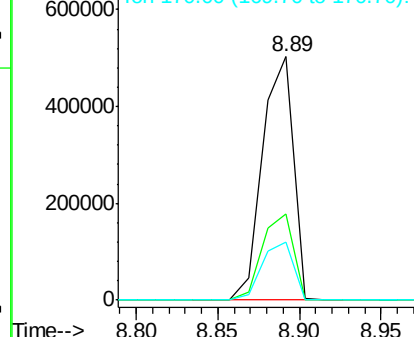
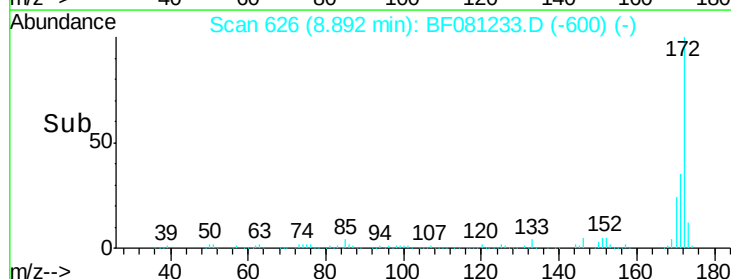


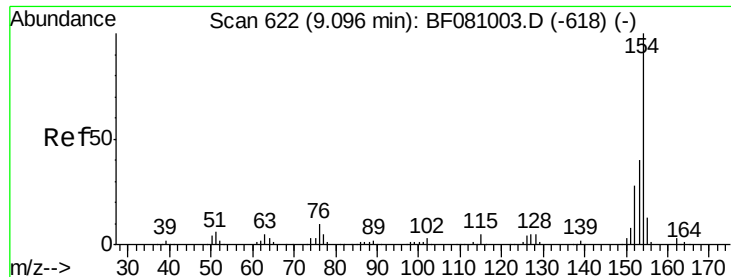
#44
 2-Fluorobiphenyl
 Concen: 79.55 ng
 RT: 8.89 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.7	19.4	29.2



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





#45

1,1'-Biphenyl

Concen: 39.91 ng

RT: 8.98 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

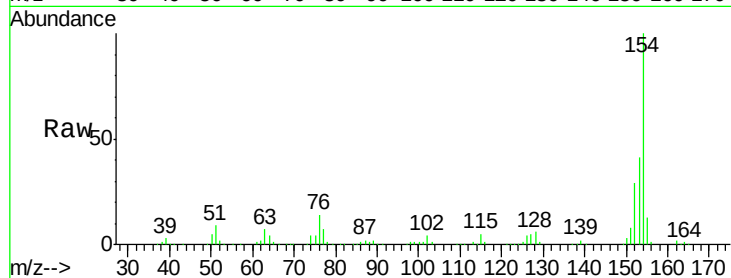
Tot Ion:154 Resp: 382955

Ion Ratio Lower Upper

154 100

153 41.0 19.5 59.5

76 13.7 0.0 29.3

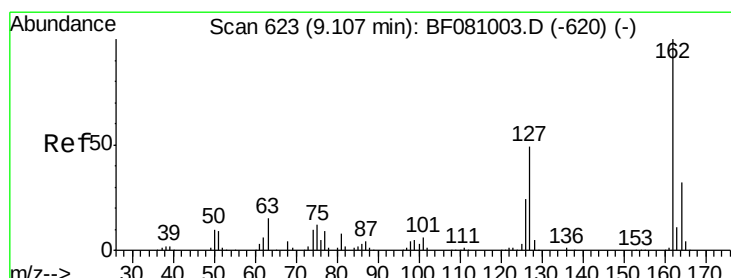
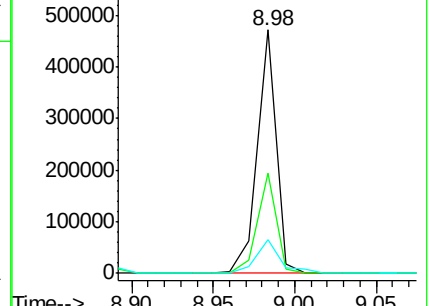
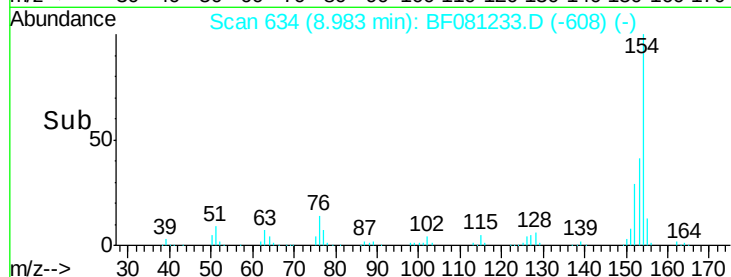


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

8.98



#46

2-Chloronaphthalene

Concen: 41.14 ng

RT: 9.01 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

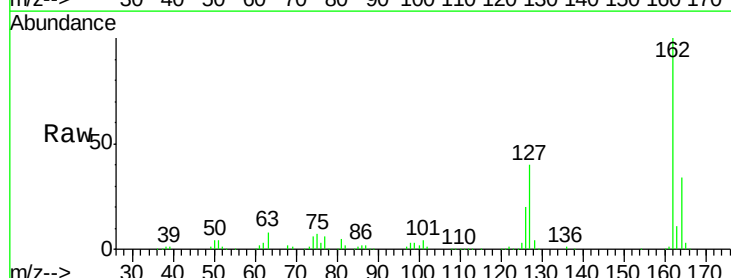
Tgt Ion:162 Resp: 317176

Ion Ratio Lower Upper

162 100

127 40.1 31.3 46.9

164 33.6 26.3 39.5

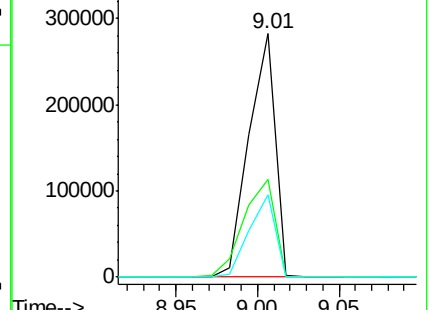
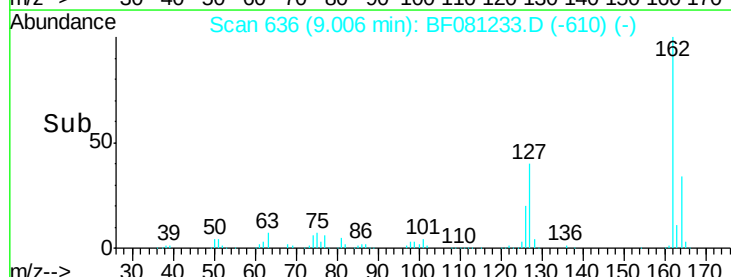


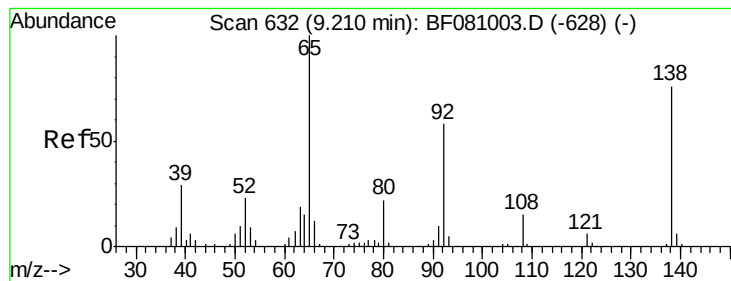
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

9.01





#47

2-Nitroaniline

Concen: 45.57 ng

RT: 9.11 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

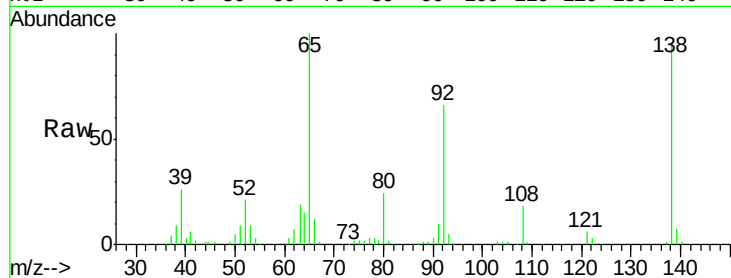
Tot Ion: 65 Resp: 143774

Ion Ratio Lower Upper

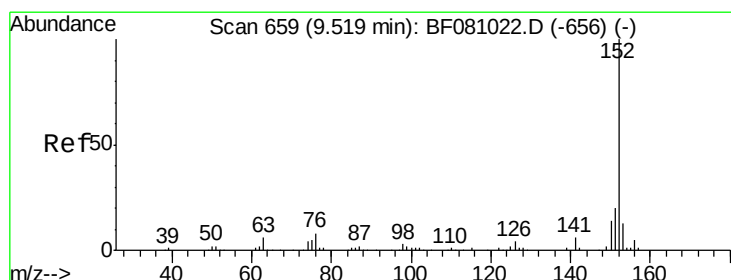
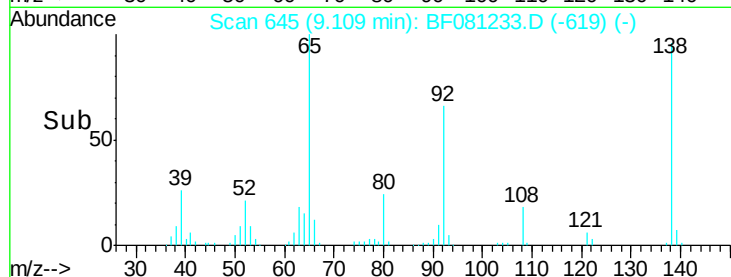
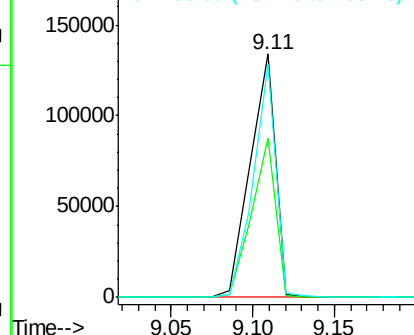
65 100

92 65.5 45.6 68.4

138 96.1 57.9 86.9#



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



#48

Acenaphthylene

Concen: 35.30 ng

RT: 9.41 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

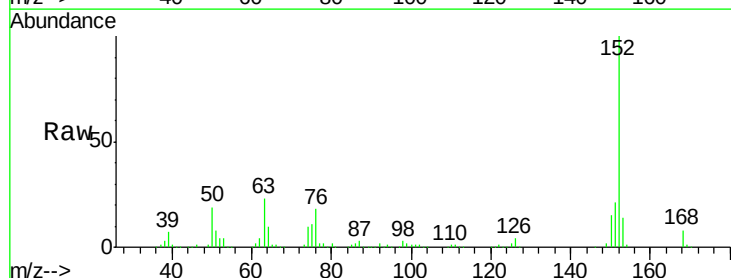
Tgt Ion: 152 Resp: 486747

Ion Ratio Lower Upper

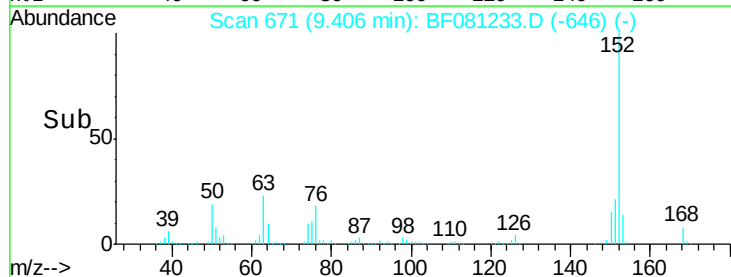
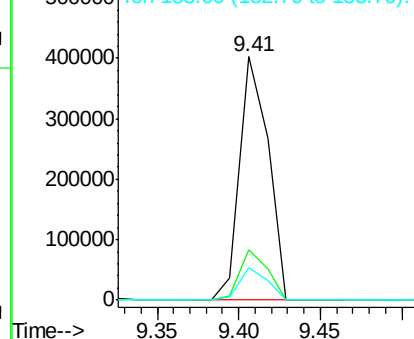
152 100

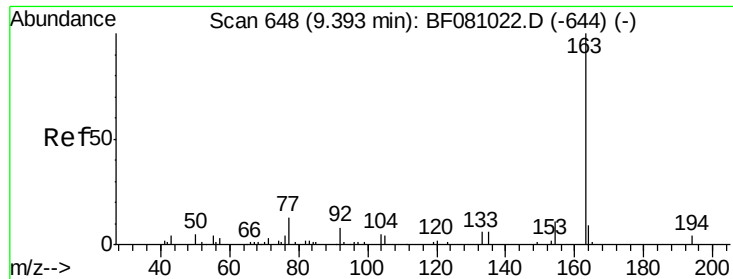
151 20.8 16.1 24.1

153 13.6 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

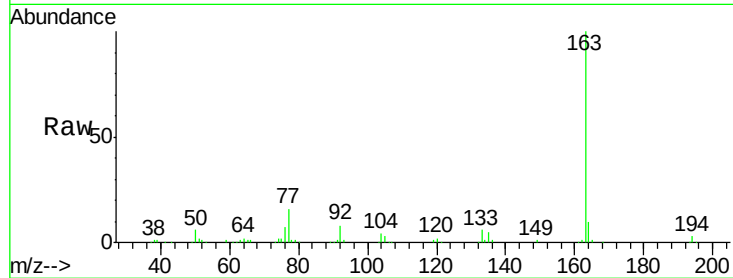




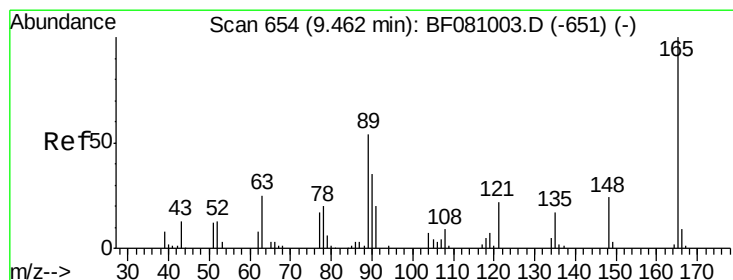
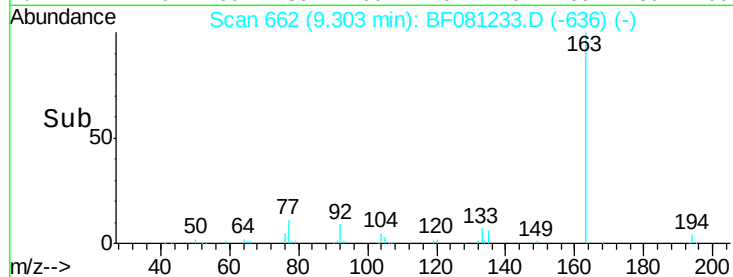
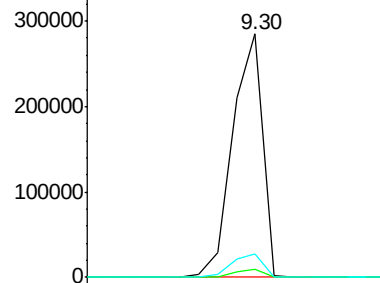
#49
Dimethylphthalate
Concen: 40.49 ng
RT: 9.30 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 363313
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 9.7 8.1 12.1

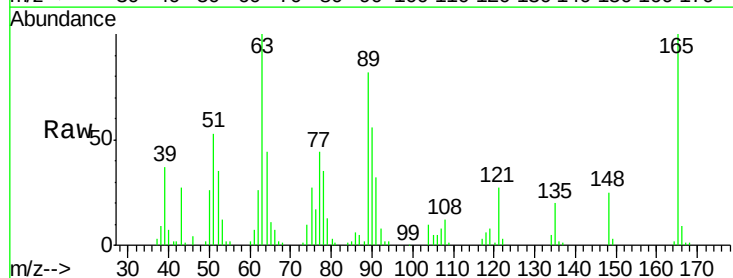


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

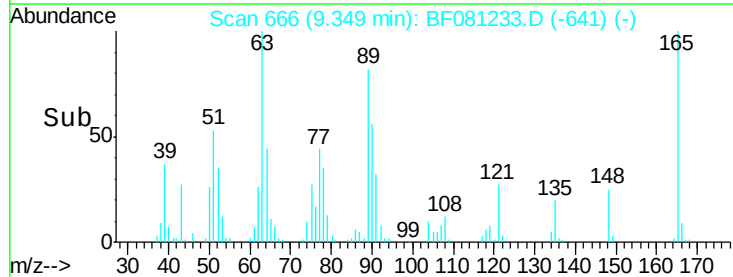
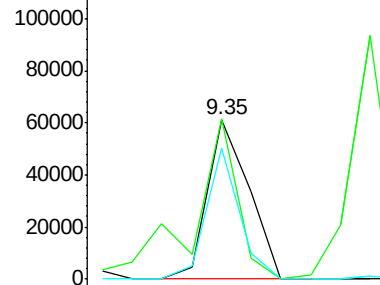


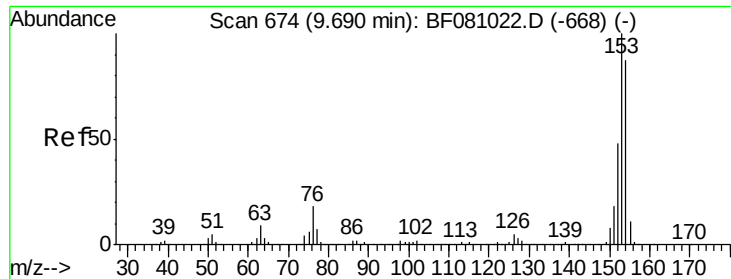
#50
2,6-Dinitrotoluene
Concen: 35.35 ng
RT: 9.35 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion:165 Resp: 68090
Ion Ratio Lower Upper
165 100
63 100.4 49.5 74.3#
89 82.2 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: 35.05 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

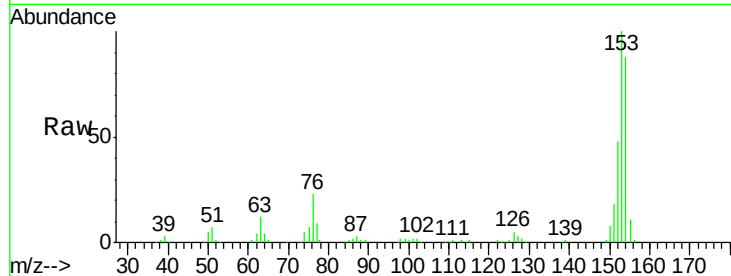
Tot Ion:154 Resp: 289347

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

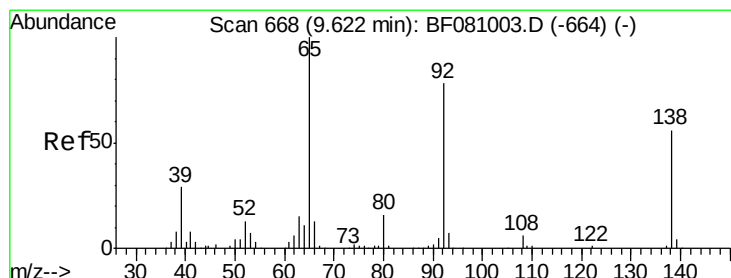
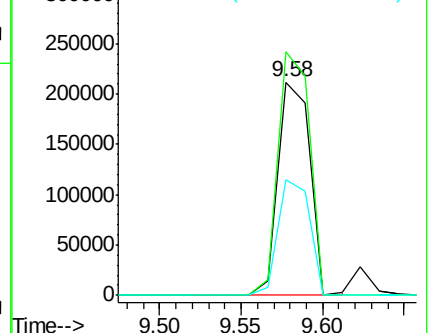
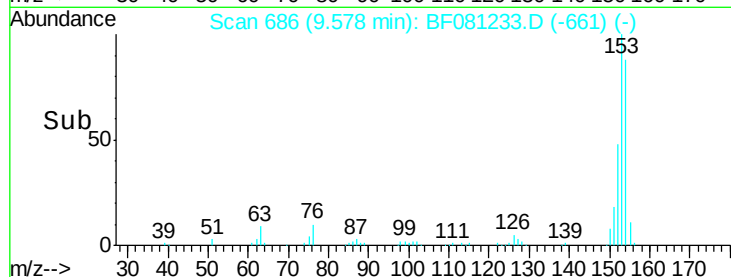
152 54.3 43.7 65.5



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: 46.20 ng

RT: 9.52 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

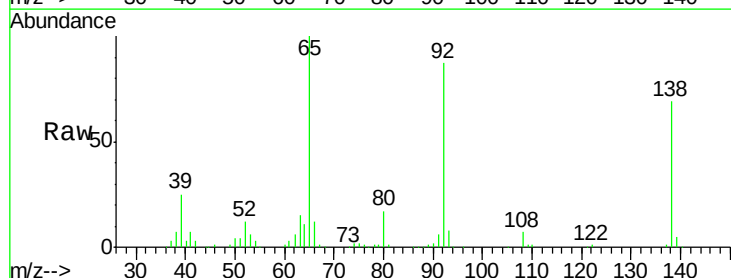
Tgt Ion:138 Resp: 111360

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.2

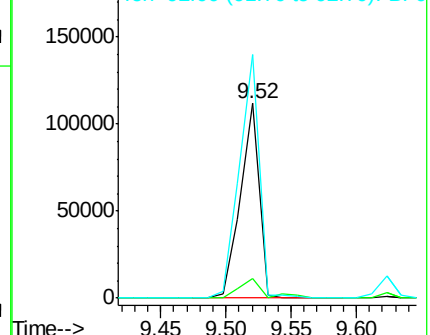
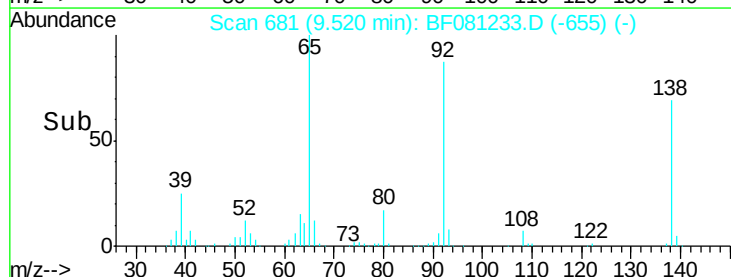
92 125.0 113.2 169.8

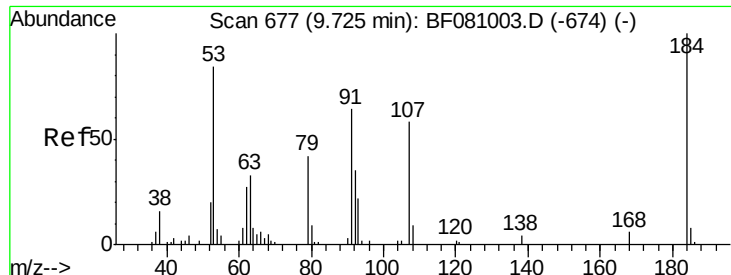


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

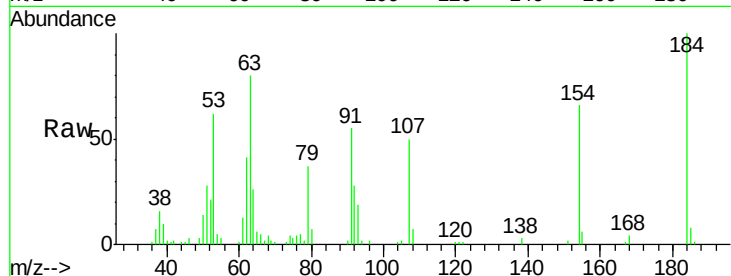




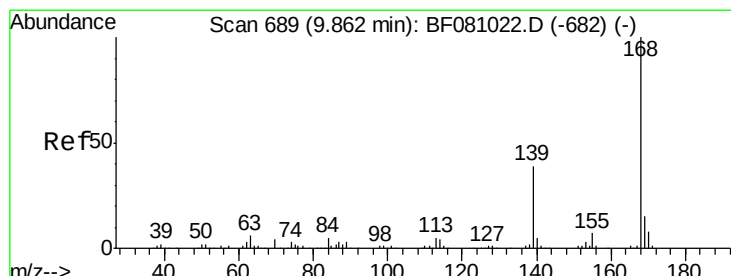
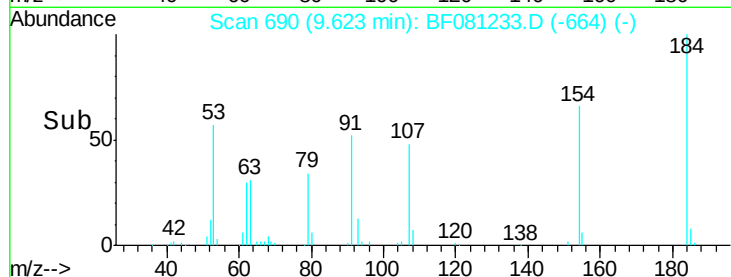
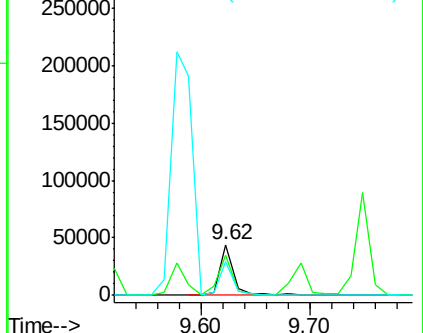
#53
 2,4-Dinitrophenol
 Concen: 42.43 ng
 RT: 9.62 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 40075
 Ion Ratio Lower Upper
 184 100
 63 79.6 101.7 152.5#
 154 66.0 67.4 101.0#

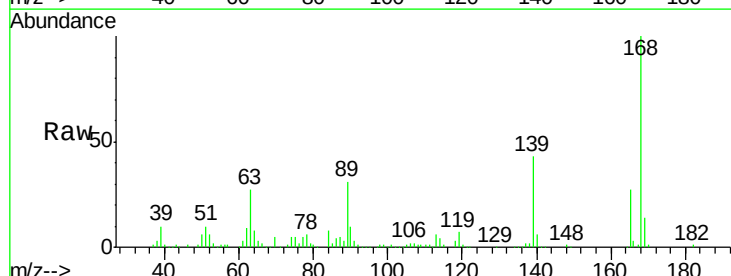


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

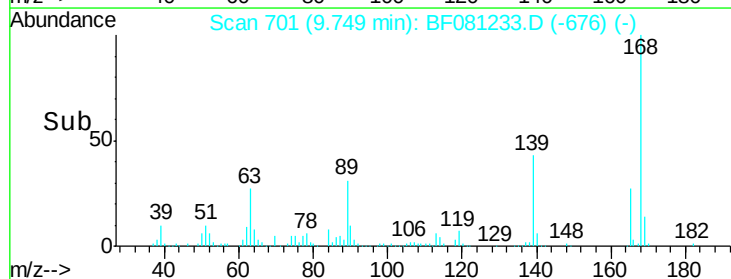
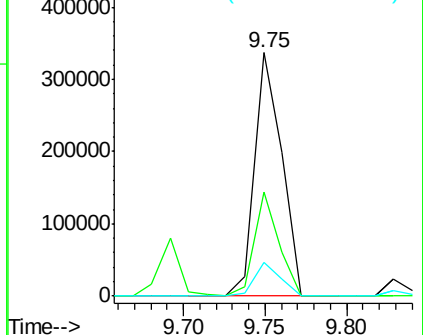


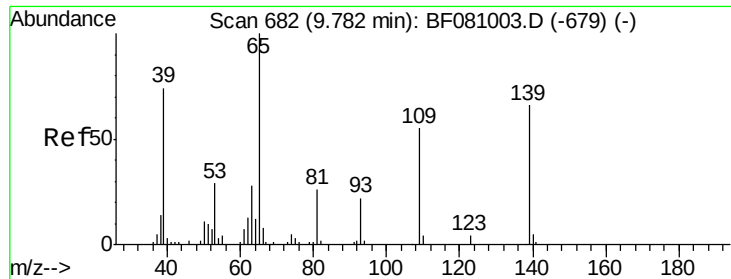
#54
 Dibenzofuran
 Concen: 35.01 ng
 RT: 9.75 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion:168 Resp: 387380
 Ion Ratio Lower Upper
 168 100
 139 42.7 29.3 43.9
 169 14.0 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

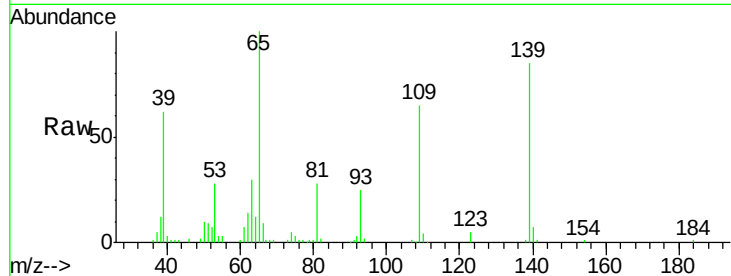




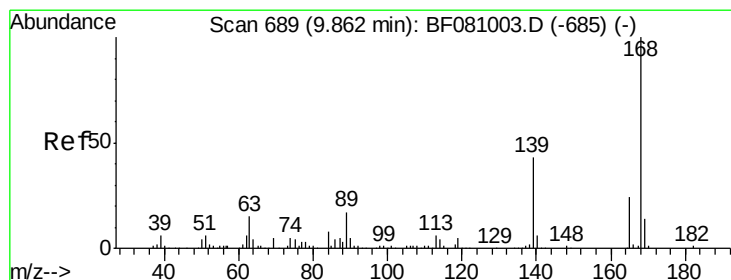
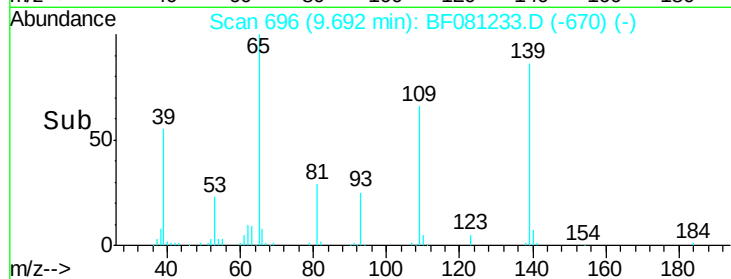
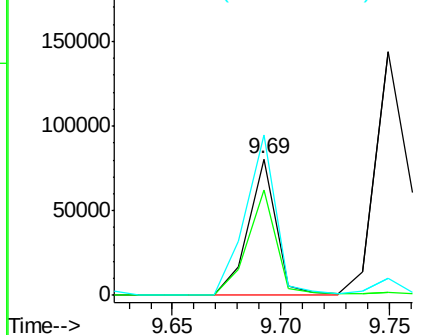
#55
4-Nitrophenol
Concen: 43.28 ng
RT: 9.69 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 73276
Ion Ratio Lower Upper
139 100
109 76.9 80.0 120.0#
65 117.6 138.3 178.3#

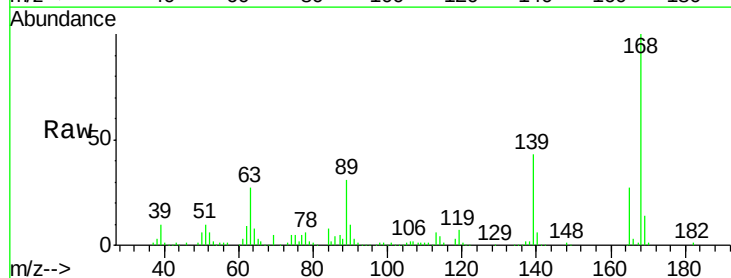


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

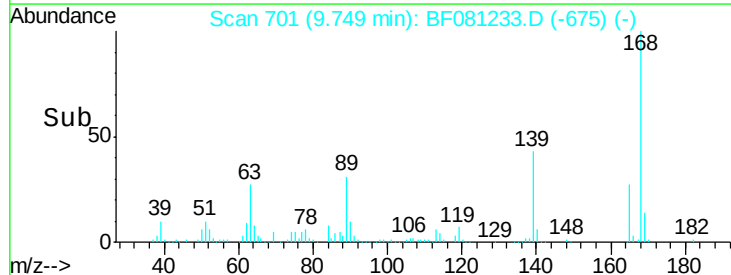
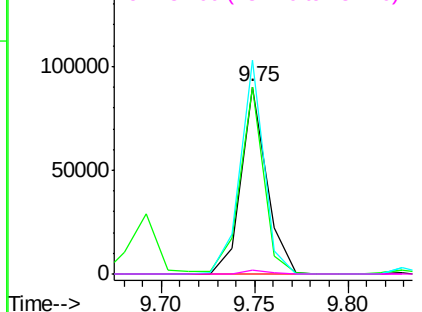


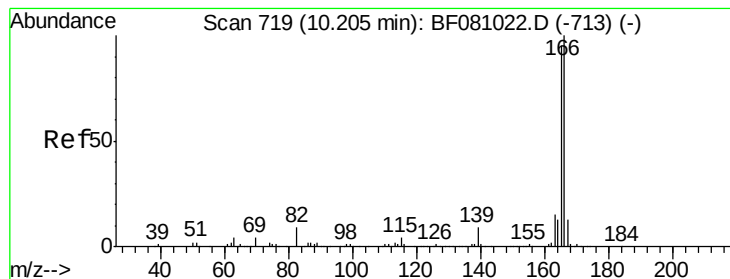
#56
2,4-Dinitrotoluene
Concen: 33.78 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion:165 Resp: 86253
Ion Ratio Lower Upper
165 100
63 99.6 52.2 78.4#
89 113.9 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: 37.60 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampled :

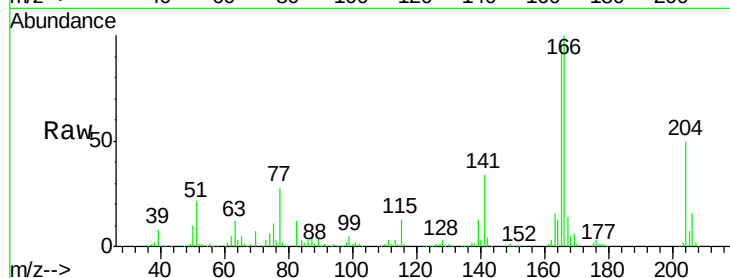
Tot Ion:166 Resp: 319980

Ion Ratio Lower Upper

166 100

165 95.8 75.8 113.8

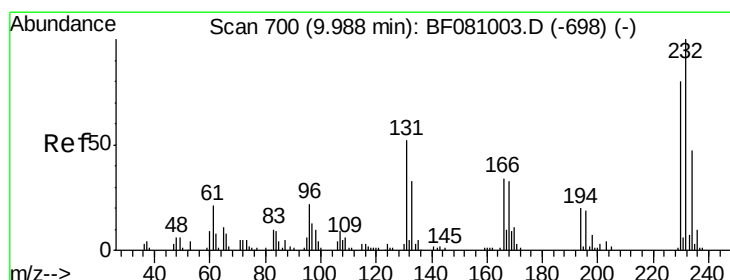
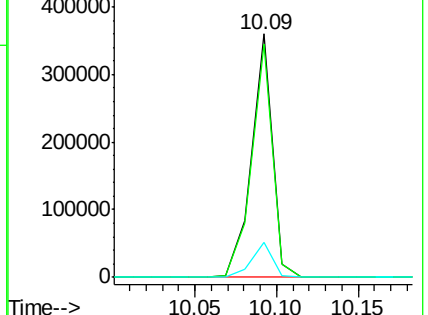
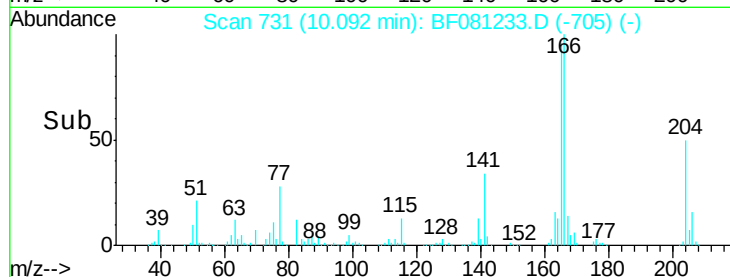
167 14.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.97 ng

RT: 9.83 min Scan# 708

Delta R.T. -0.05 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Tgt Ion:232 Resp: 74857

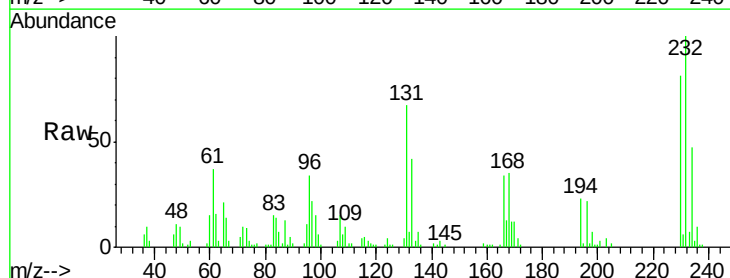
Ion Ratio Lower Upper

232 100

131 51.4 42.2 63.4

130 2.8 2.1 3.1

166 28.3 22.4 33.6

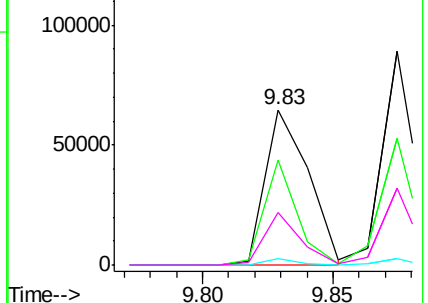
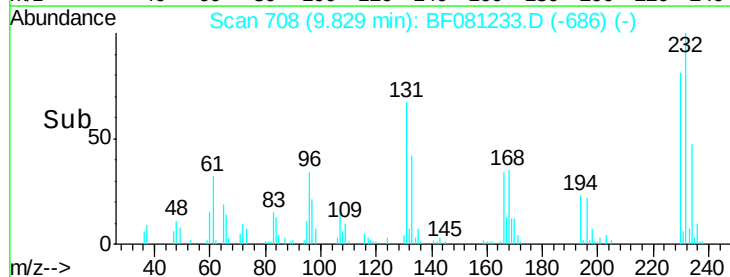


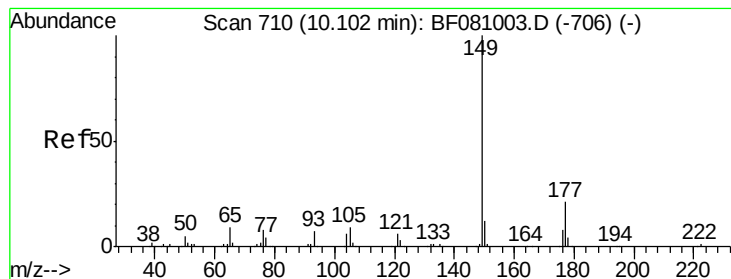
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.48 ng

RT: 9.99 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampled :

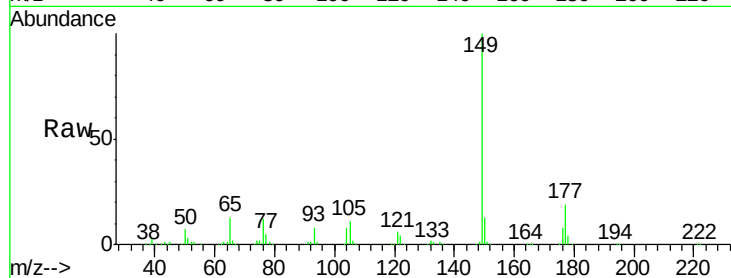
Tot Ion:149 Resp: 355921

Ion Ratio Lower Upper

149 100

177 19.3 14.1 21.1

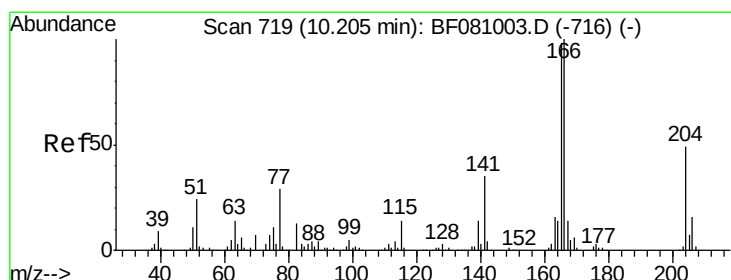
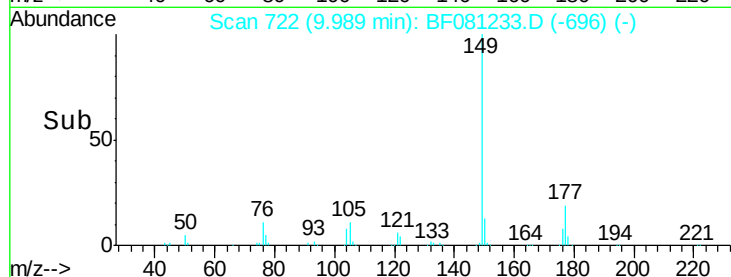
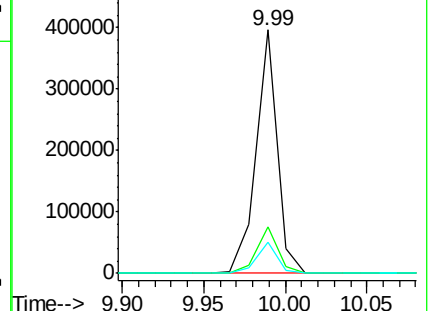
150 12.6 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.97 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

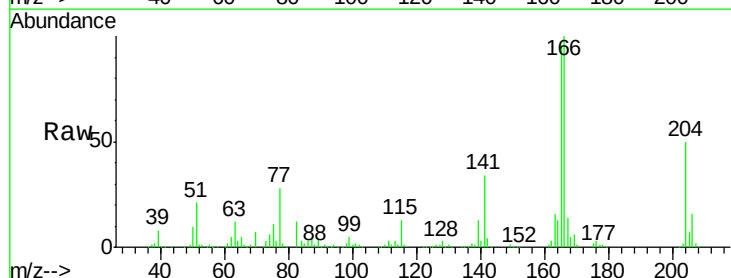
Tgt Ion:204 Resp: 143947

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

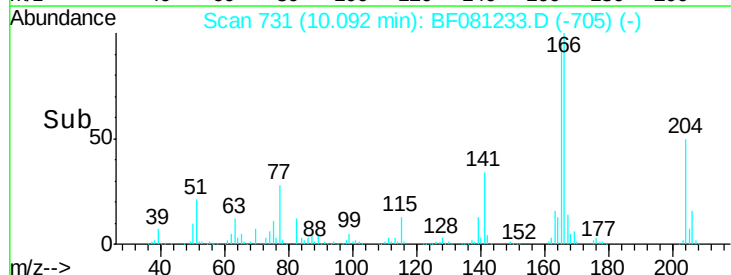
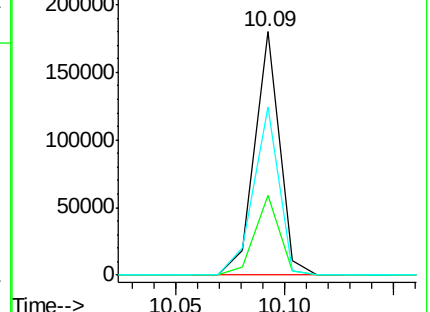
141 68.9 59.6 89.4

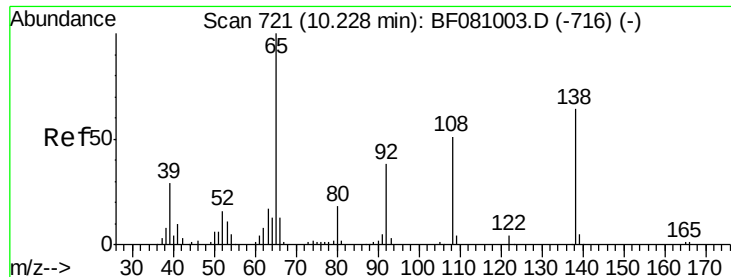


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

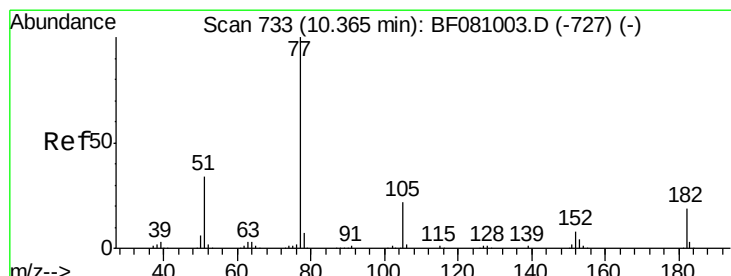
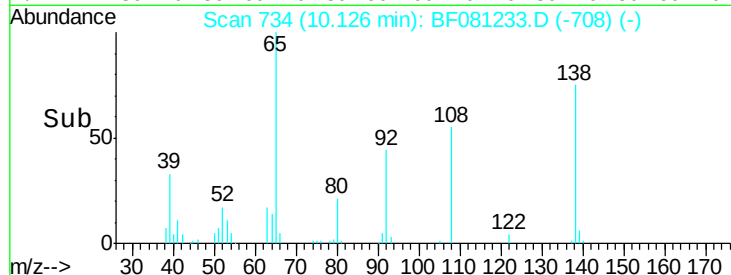
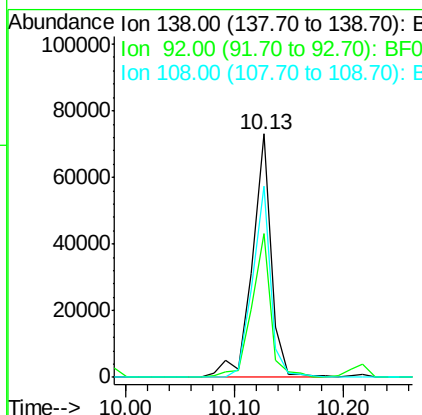
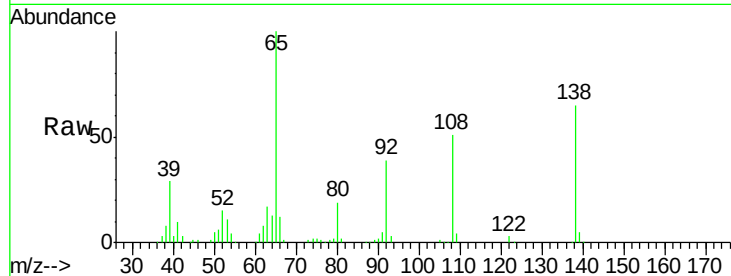




#61
4-Nitroaniline
Concen: 36.48 ng
RT: 10.13 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

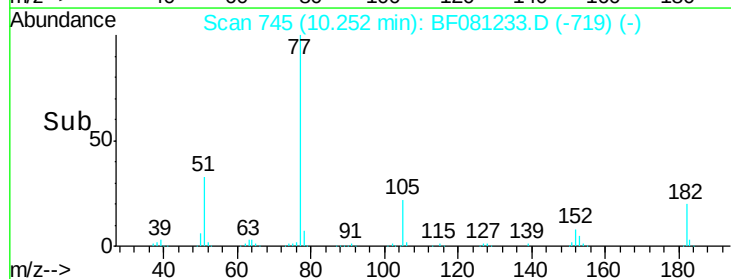
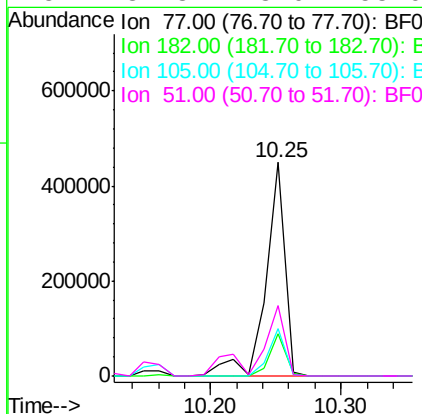
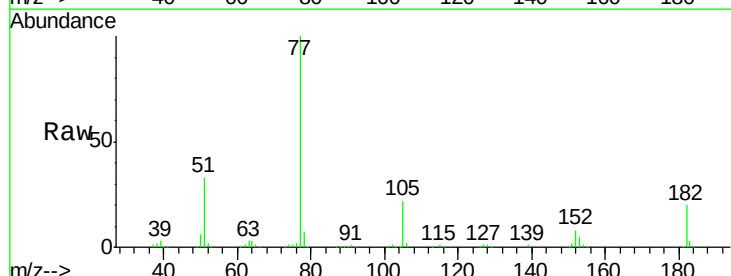
Instrument :
BNA_F
ClientSampleId :

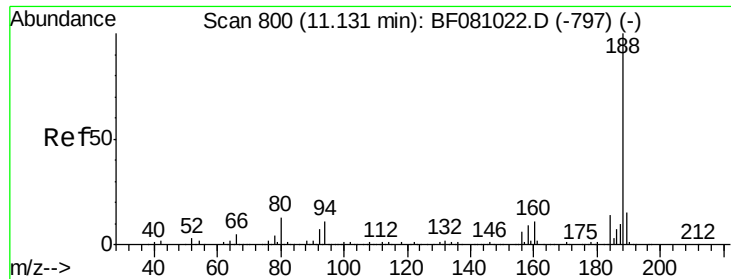
Tot Ion:138 Resp: 89876
Ion Ratio Lower Upper
138 100
92 59.3 34.7 74.7
108 78.7 68.9 108.9



#62
Azobenzene
Concen: 42.41 ng
RT: 10.25 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion: 77 Resp: 464130
Ion Ratio Lower Upper
77 100
182 19.9 0.0 39.0
105 22.1 0.2 40.2
51 32.8 18.0 58.0

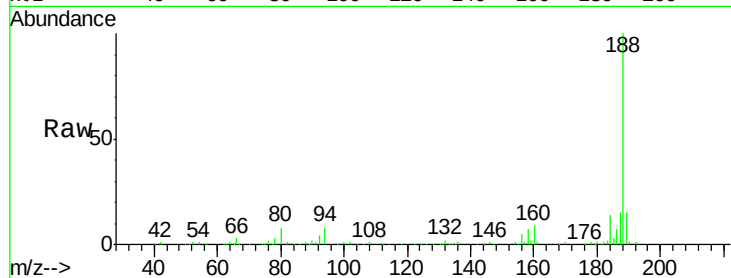




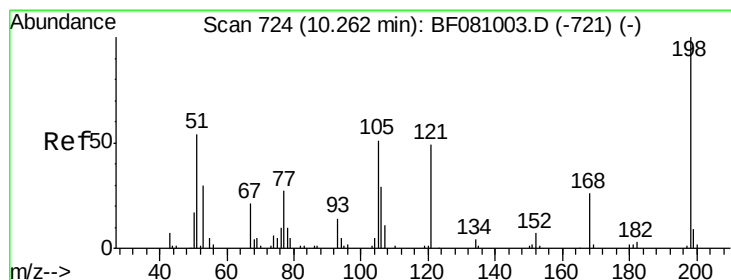
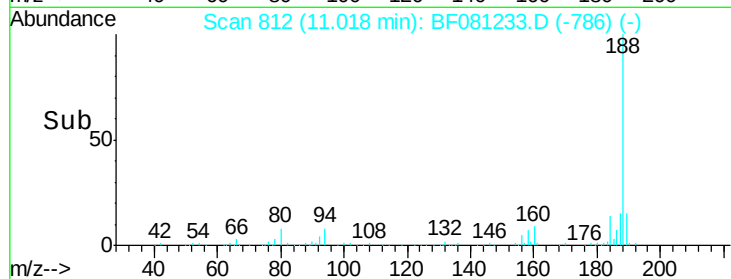
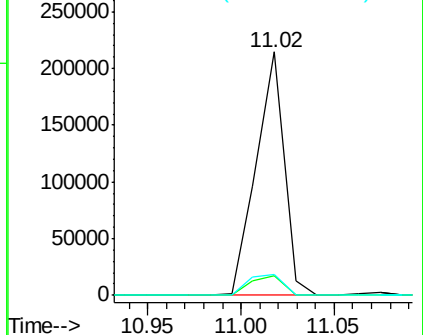
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 222847
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.2 12.2
 80 8.4 9.5 14.3#

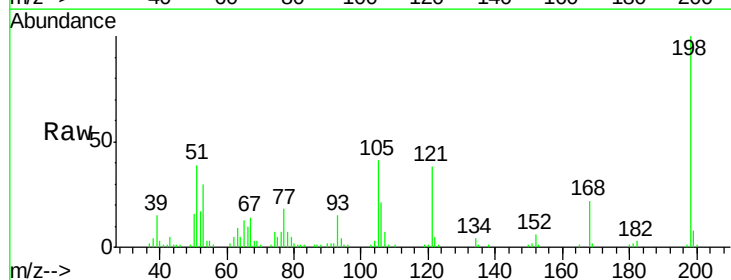


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

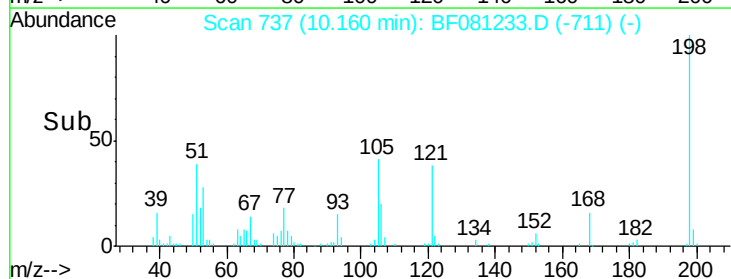
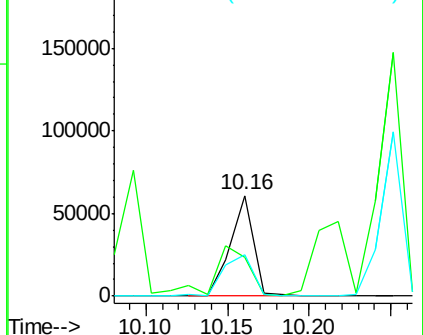


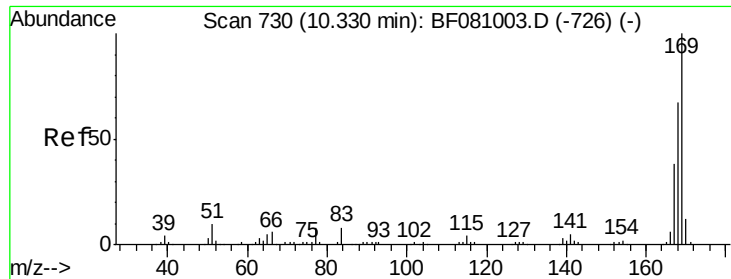
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.45 ng
 RT: 10.16 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion:198 Resp: 59151
 Ion Ratio Lower Upper
 198 100
 51 38.7 79.7 119.7#
 105 41.0 47.0 87.0#



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

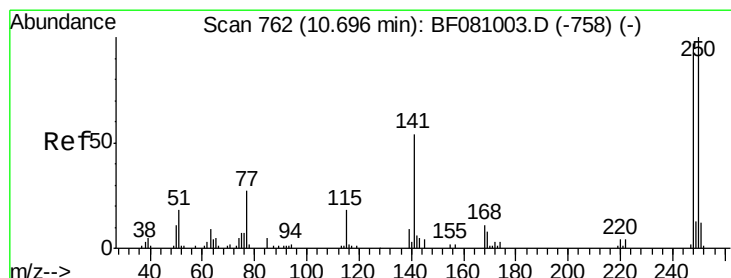
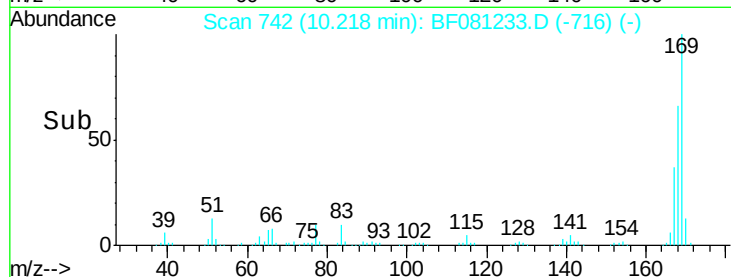
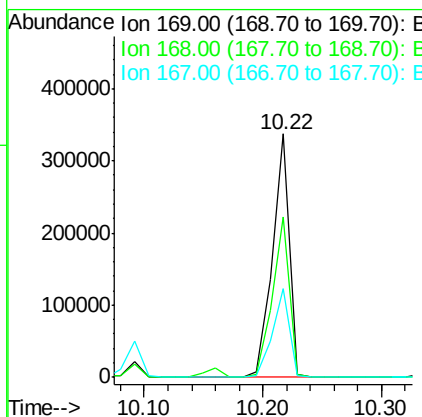
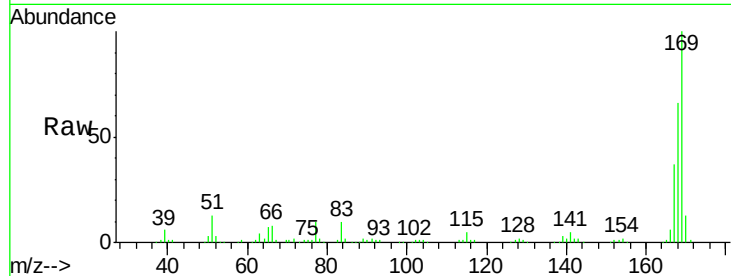




#65
 n-Nitrosodiphenylamine
 Concen: 41.94 ng
 RT: 10.22 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

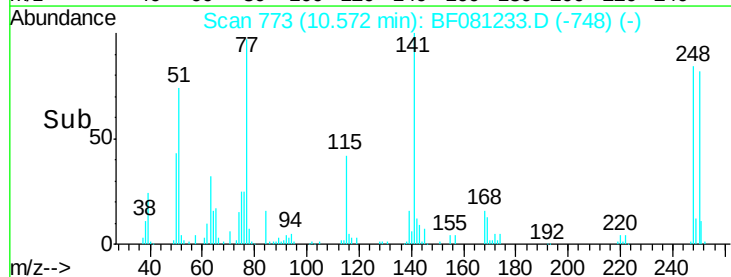
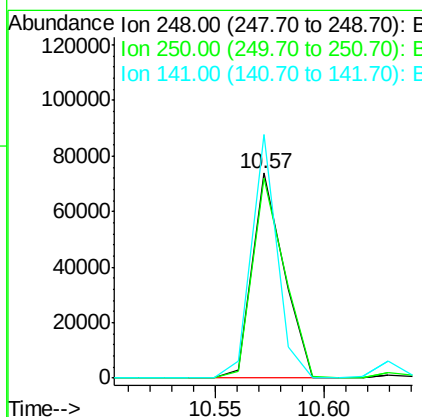
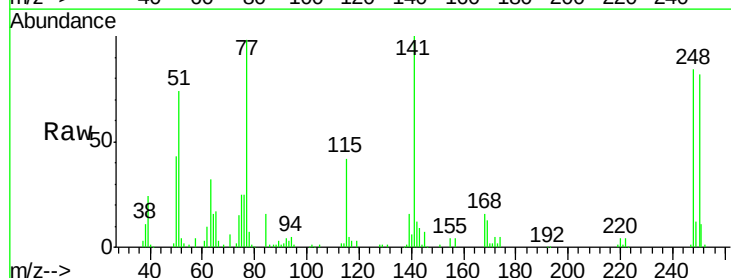
Instrument :
 BNA_F
 ClientSampled :

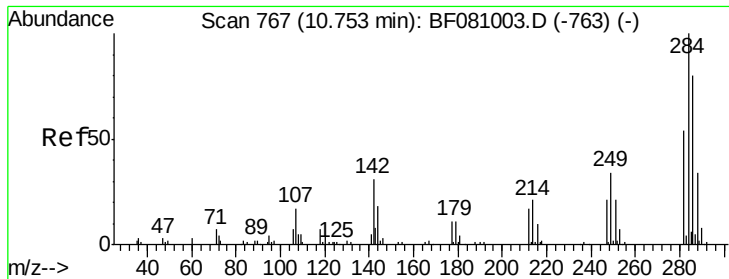
Tot Ion:169 Resp: 333618
 Ion Ratio Lower Upper
 169 100
 168 66.1 55.3 82.9
 167 36.6 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 34.05 ng
 RT: 10.57 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion:248 Resp: 74539
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.8 116.6
 141 119.0 39.8 59.6#

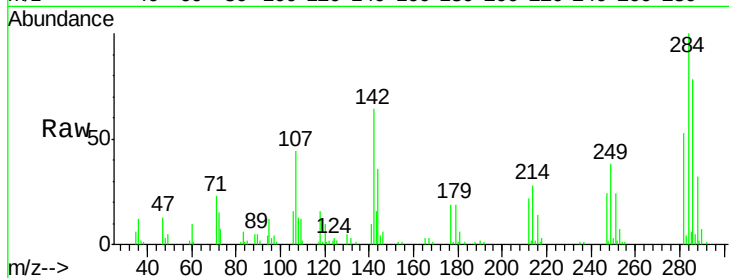




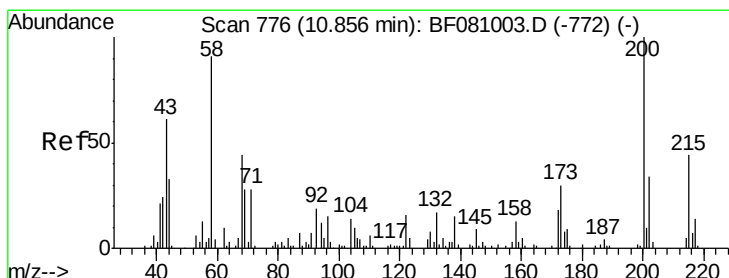
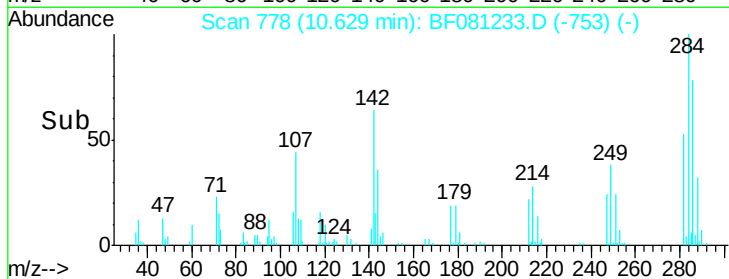
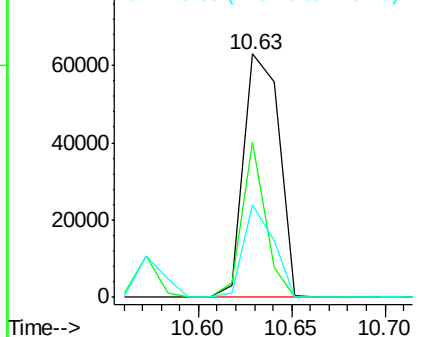
#67
Hexachlorobenzene
Concen: 37.76 ng
RT: 10.63 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 83717
Ion Ratio Lower Upper
284 100
142 64.0 25.4 38.0#
249 38.2 28.5 42.7

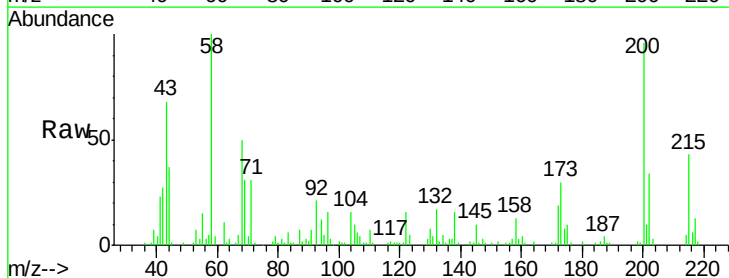


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

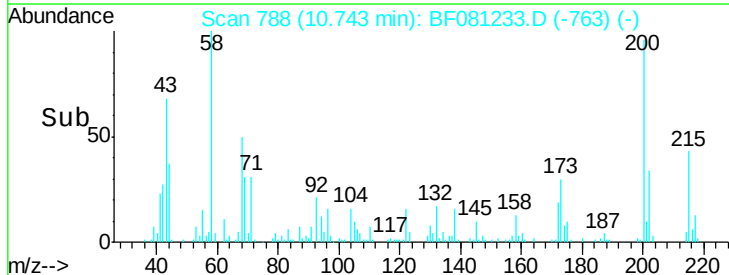
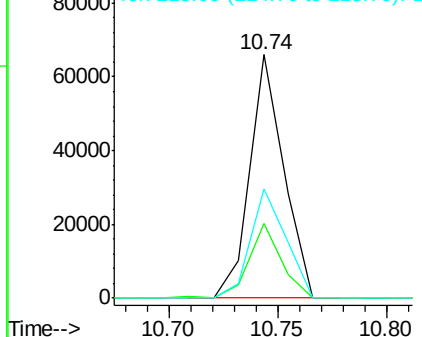


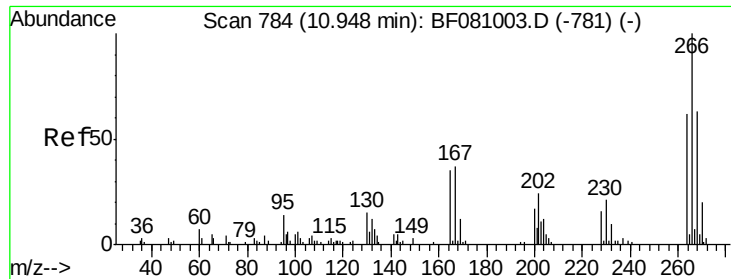
#68
Atrazine
Concen: 32.35 ng
RT: 10.74 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion:200 Resp: 71706
Ion Ratio Lower Upper
200 100
173 30.8 8.1 48.1
215 44.6 23.3 63.3



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

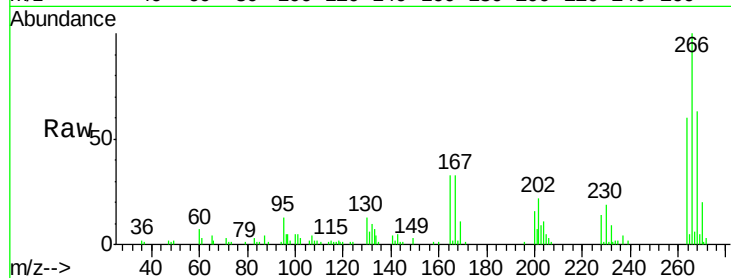




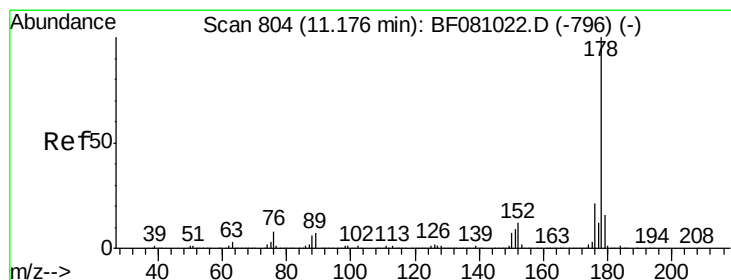
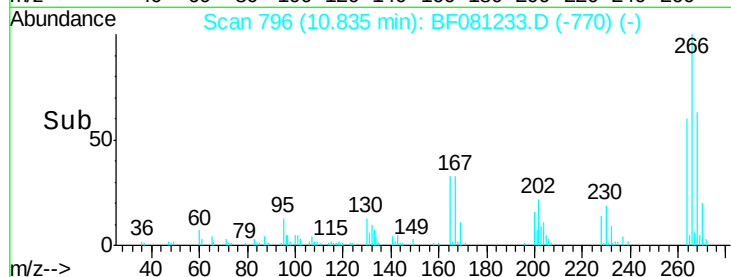
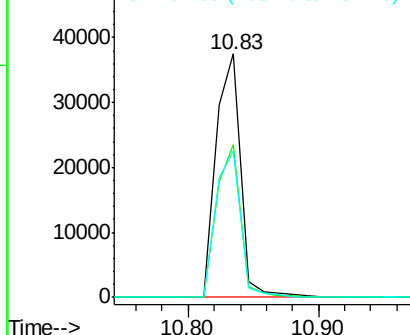
#69
 Pentachlorophenol
 Concen: 37.05 ng
 RT: 10.83 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.2	76.8
264	60.0	50.6	75.8

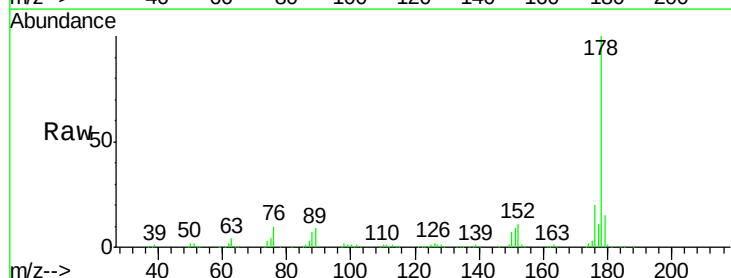


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

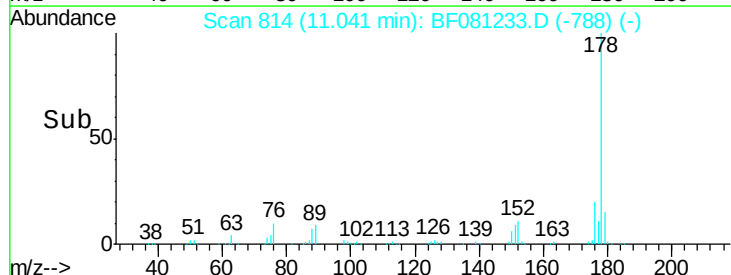
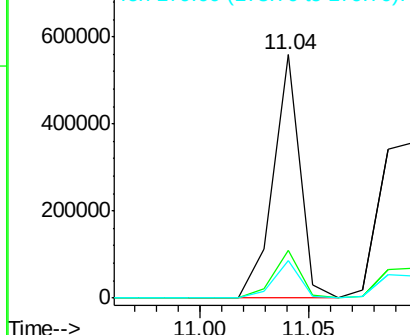


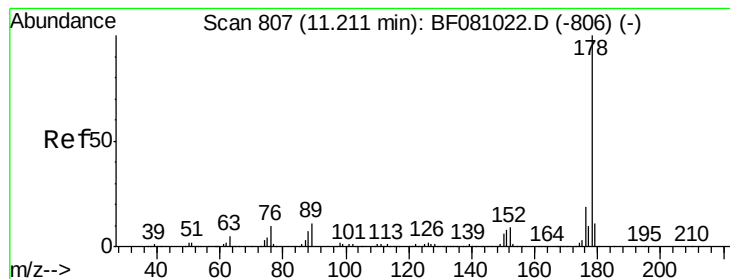
#70
 Phenanthrene
 Concen: 36.49 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.4	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: 38.35 ng

RT: 11.10 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

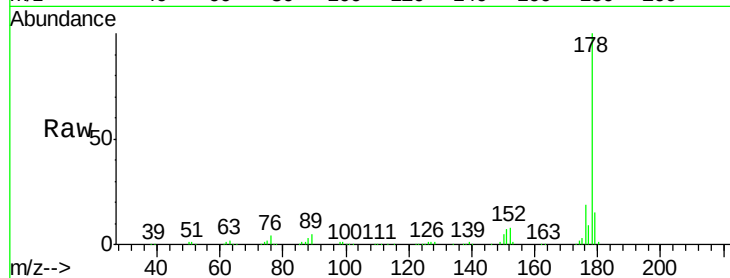
Tot Ion:178 Resp: 492891

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

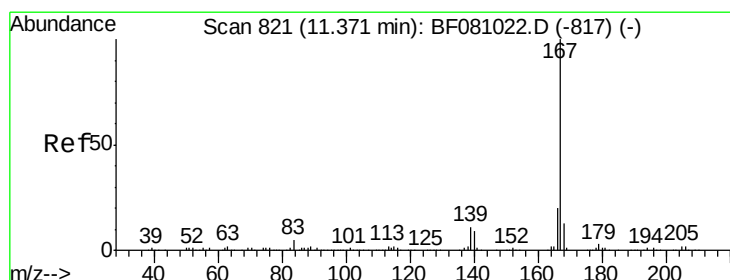
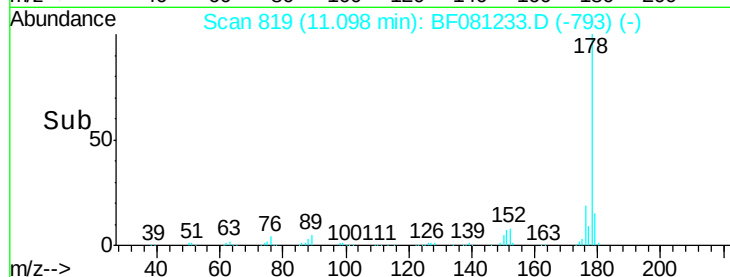
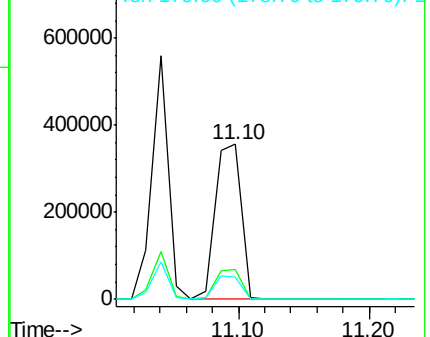
179 14.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.83 ng

RT: 11.26 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

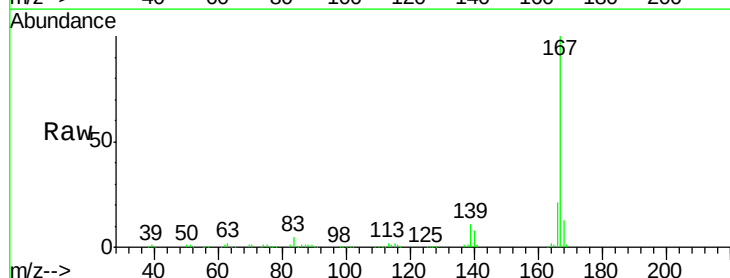
Tgt Ion:167 Resp: 480428

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

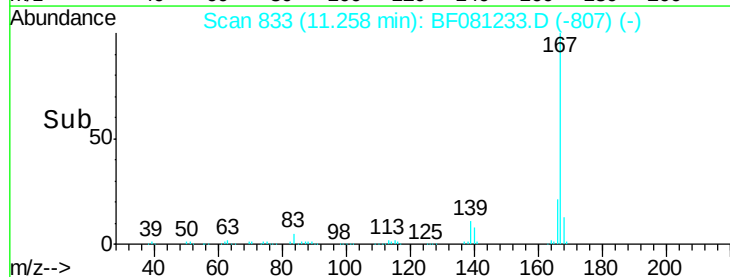
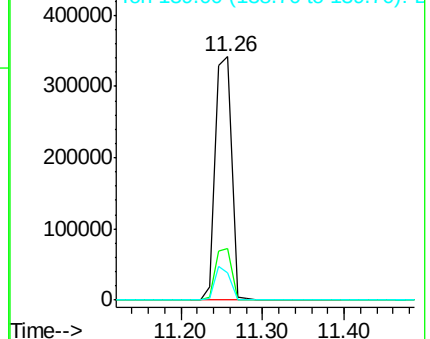
139 11.2 10.6 16.0

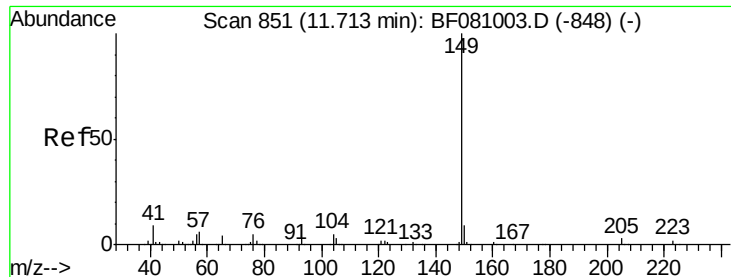


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.91 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

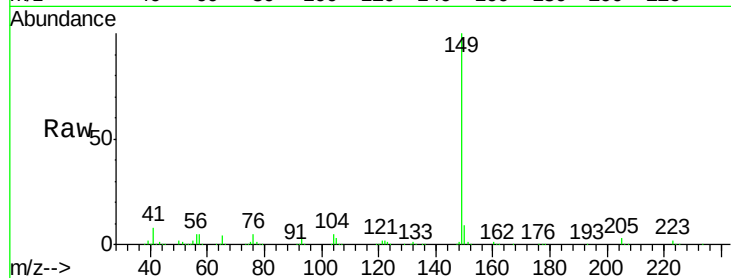
Tot Ion:149 Resp: 597485

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

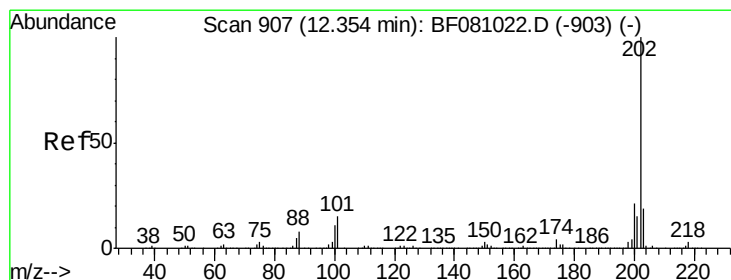
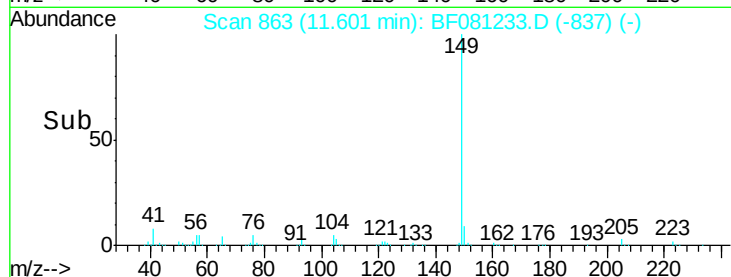
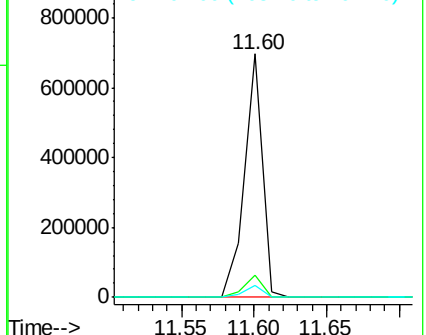
104 4.9 3.9 5.9



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: 40.20 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

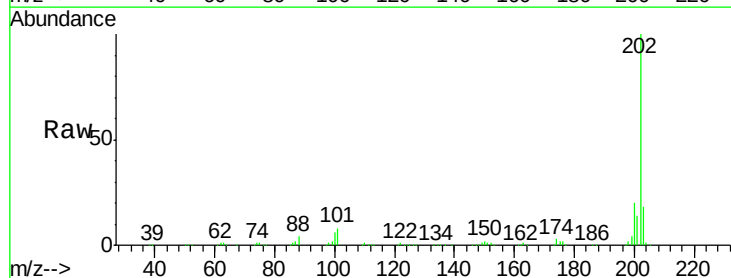
Tgt Ion:202 Resp: 572944

Ion Ratio Lower Upper

202 100

101 7.9 0.0 24.8

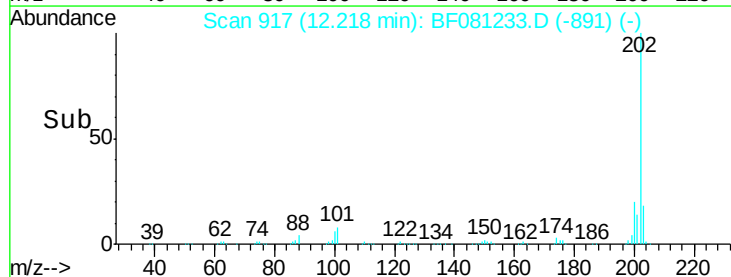
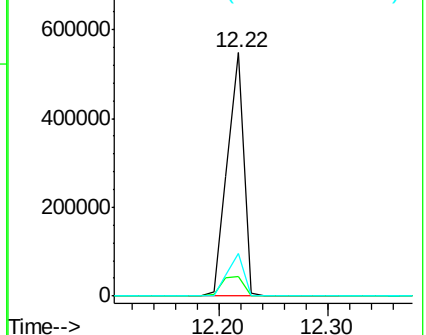
203 17.5 0.0 36.9

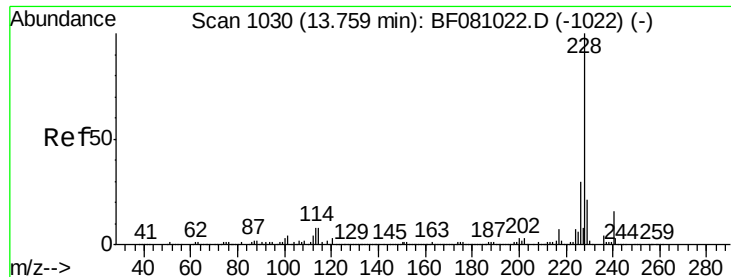


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.64 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

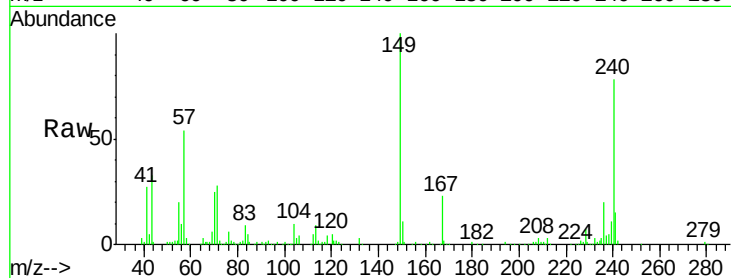
Tot Ion:240 Resp: 155626

Ion Ratio Lower Upper

240 100

120 6.3 5.6 8.4

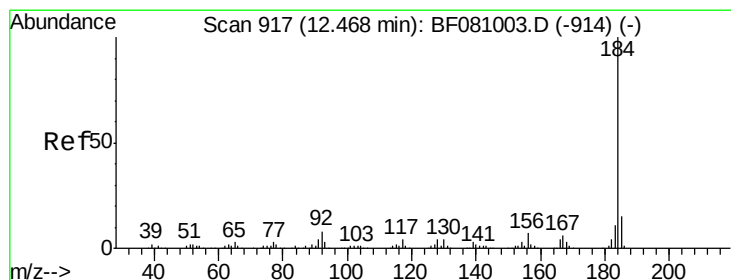
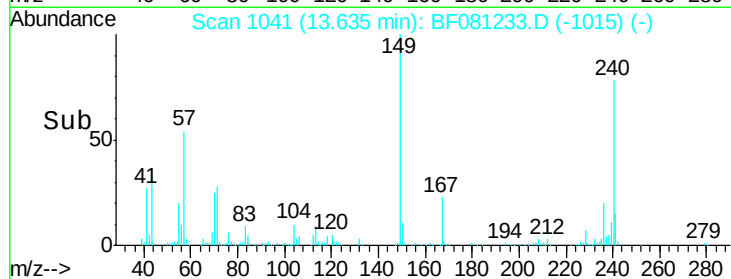
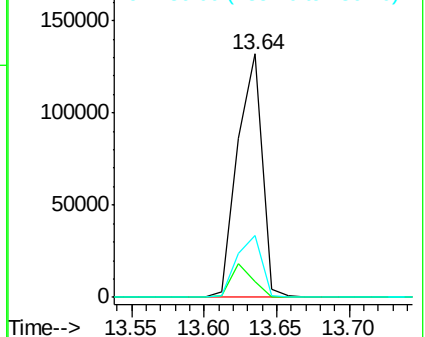
236 25.3 20.6 30.8



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: 44.32 ng

RT: 12.35 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

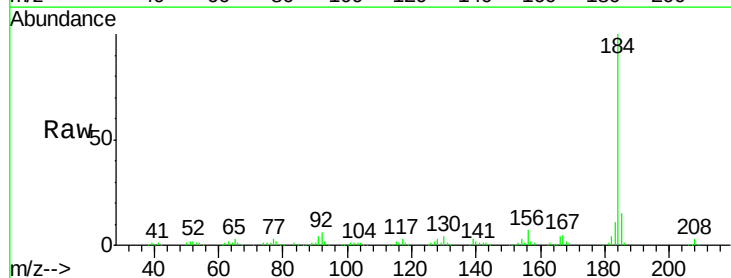
Tgt Ion:184 Resp: 260558

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

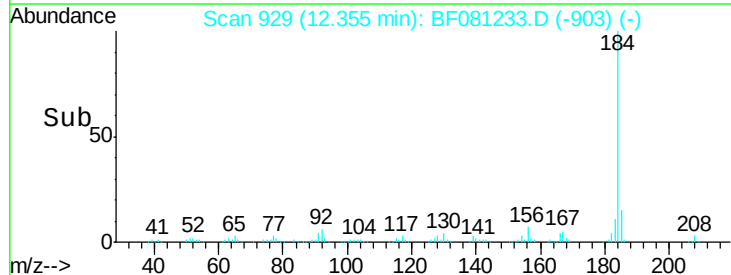
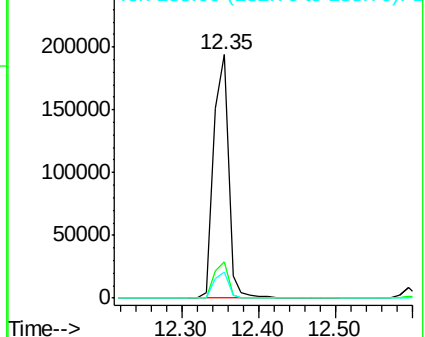
183 11.0 8.9 13.3

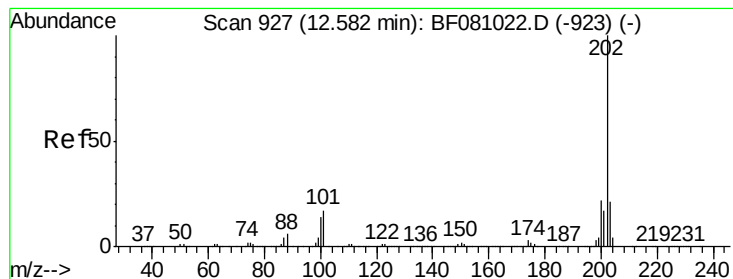


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.02 ng

RT: 12.43 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

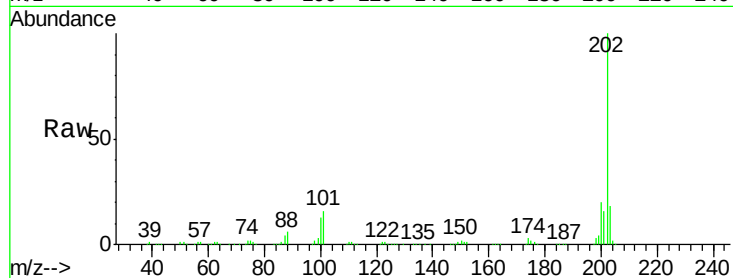
Tot Ion:202 Resp: 493614

Ion Ratio Lower Upper

202 100

200 20.0 16.6 24.8

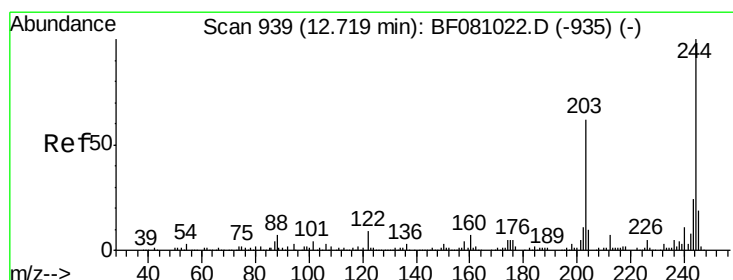
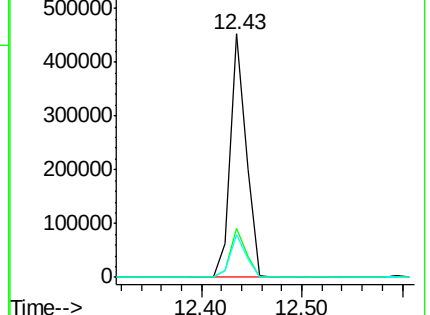
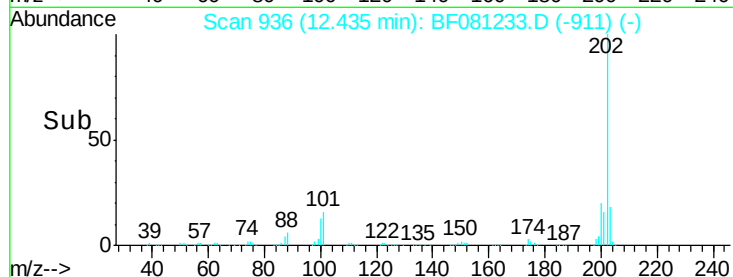
203 17.7 14.1 21.1



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: 79.13 ng

RT: 12.59 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

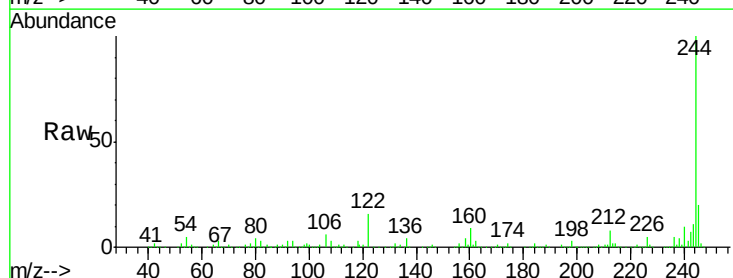
Tgt Ion:244 Resp: 574398

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

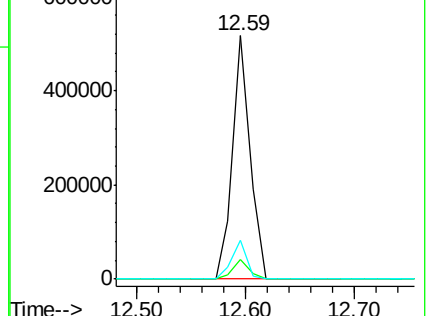
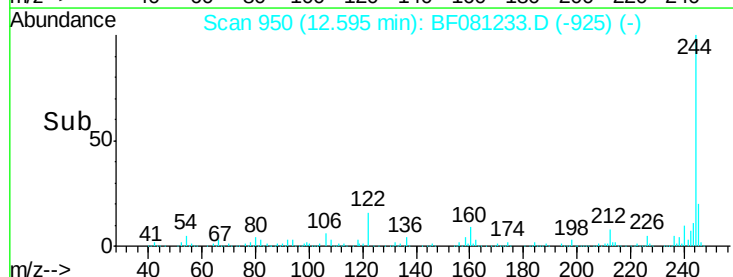
122 15.9 8.2 12.4#

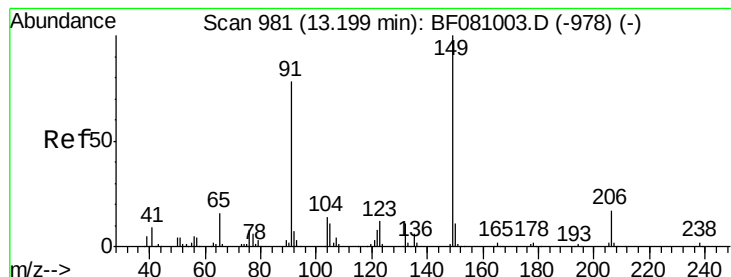


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.93 ng

RT: 13.08 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

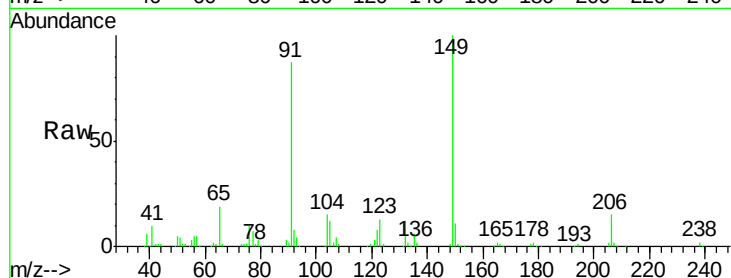
Tot Ion:149 Resp: 228003

Ion Ratio Lower Upper

149 100

91 87.2 46.9 70.3#

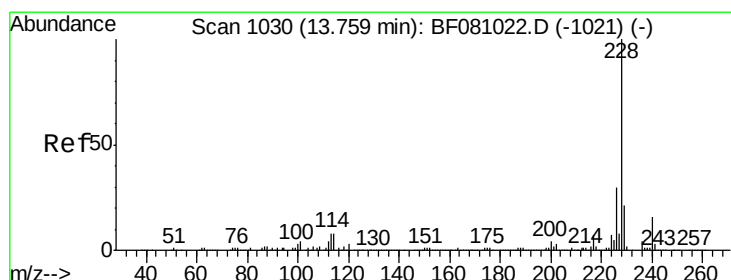
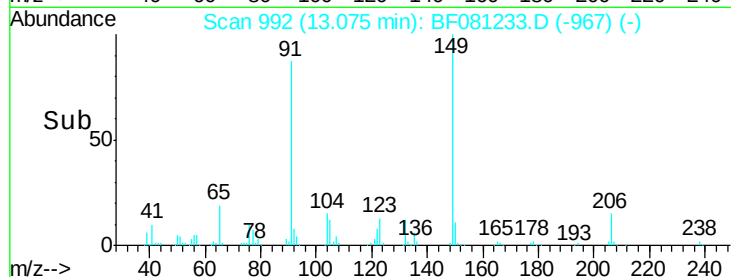
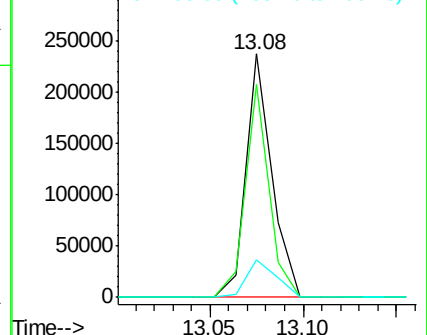
206 15.4 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.21 ng

RT: 13.62 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

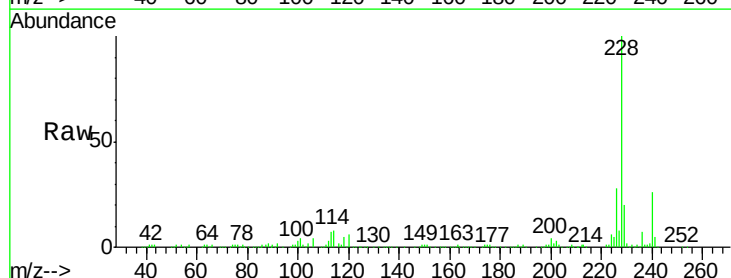
Tgt Ion:228 Resp: 450986

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

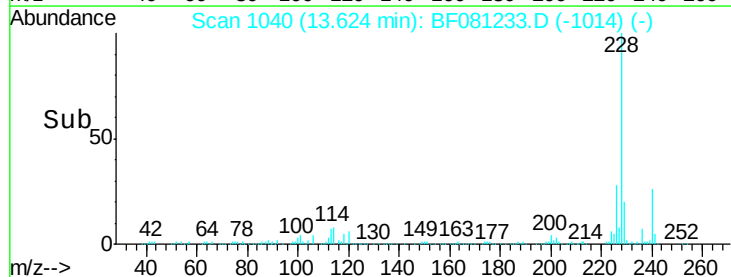
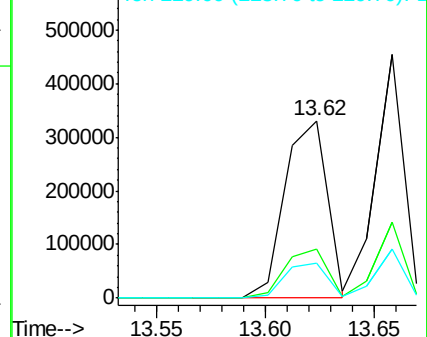
229 19.8 15.9 23.9

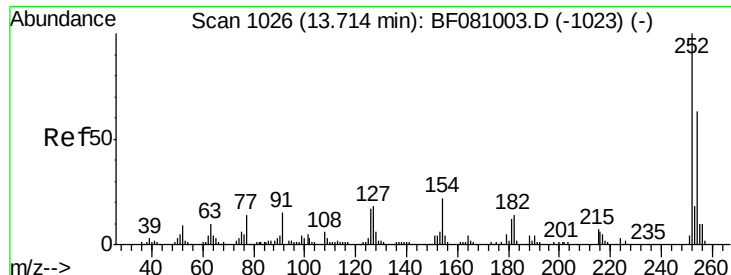


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

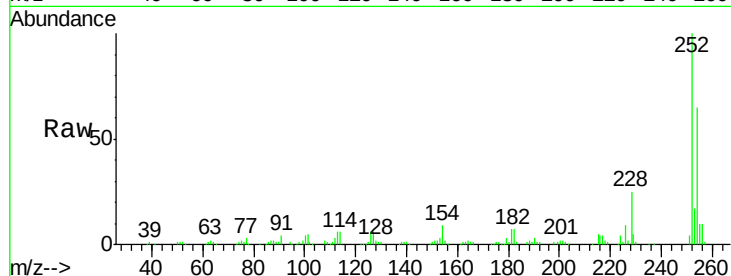




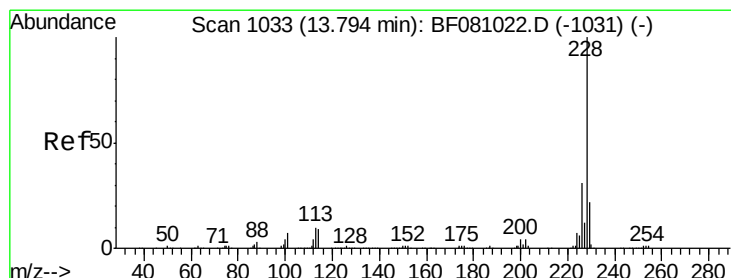
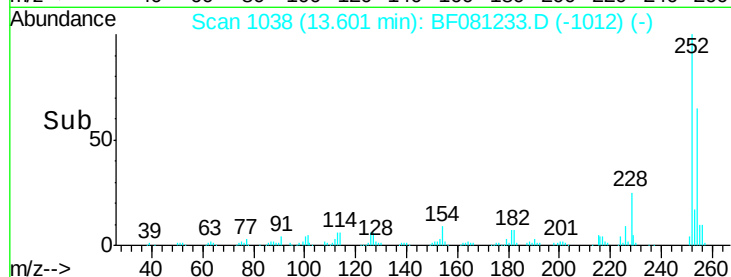
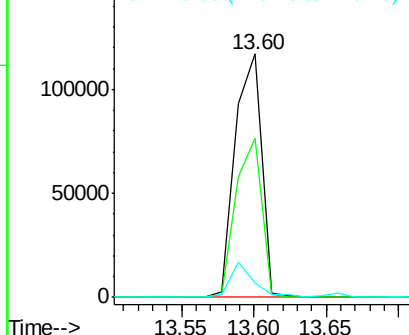
#81
 3,3'-Dichlorobenzidine
 Concen: 43.84 ng
 RT: 13.60 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 148219
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.5 77.3
 126 5.9 12.5 18.7#

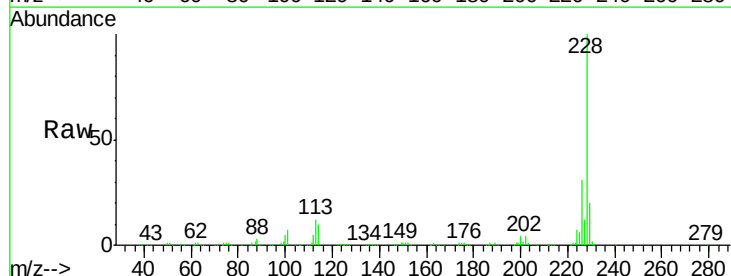


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

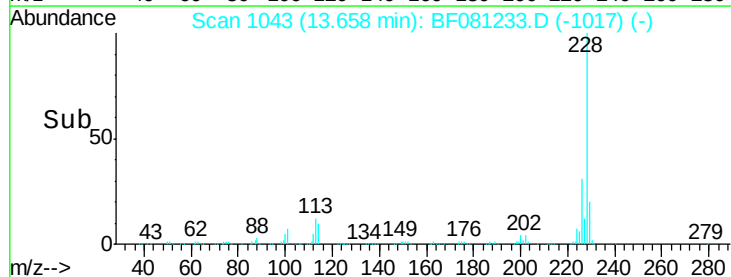
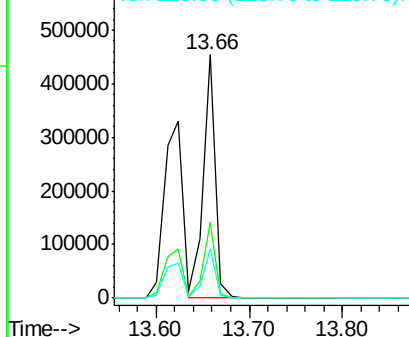


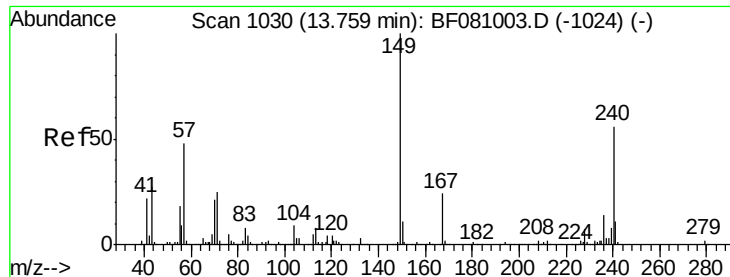
#82
 Chrysene
 Concen: 43.69 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion:228 Resp: 410943
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.4 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.14 ng

RT: 13.65 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

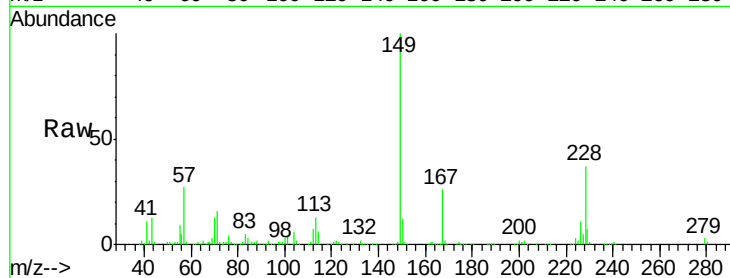
Tot Ion:149 Resp: 328386

Ion Ratio Lower Upper

149 100

167 26.0 20.7 31.1

279 2.8 2.2 3.4

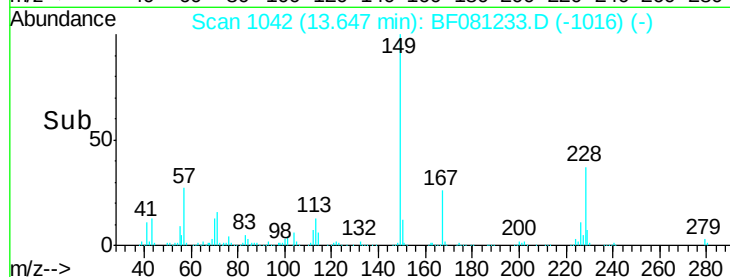


Abundance Ion 149.00 (148.70 to 149.70): E

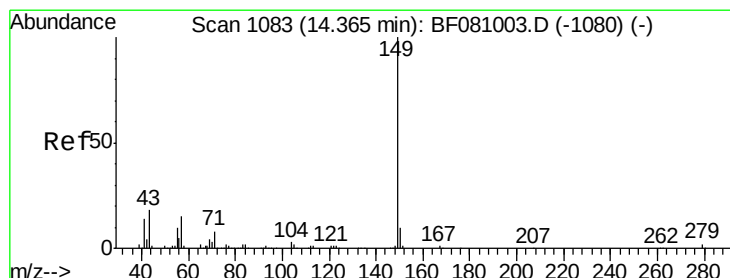
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#84

Di-n-octyl phthalate

Concen: 50.57 ng

RT: 14.25 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

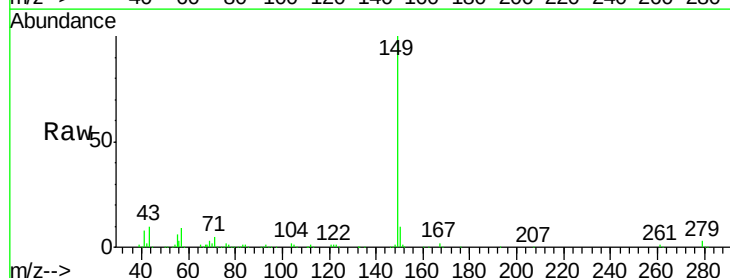
Tgt Ion:149 Resp: 535361

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 13.9 11.6 17.4

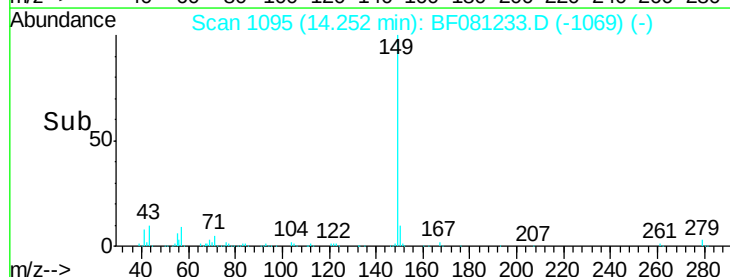


Abundance Ion 149.00 (148.70 to 149.70): E

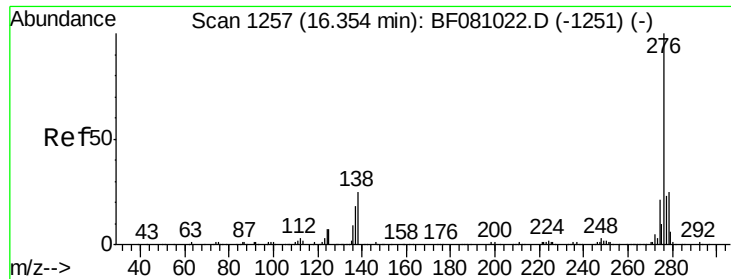
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time-->



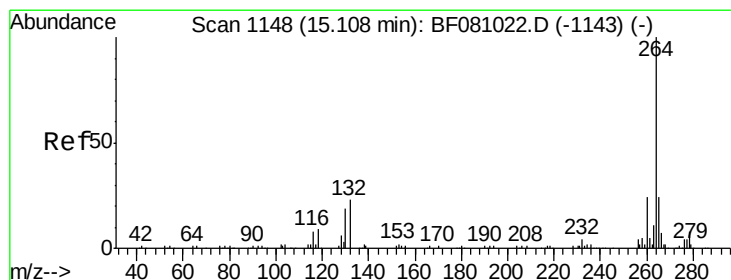
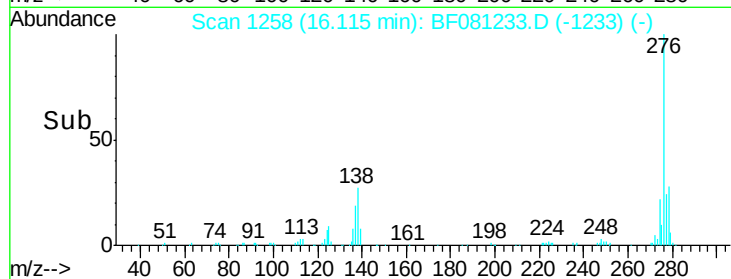
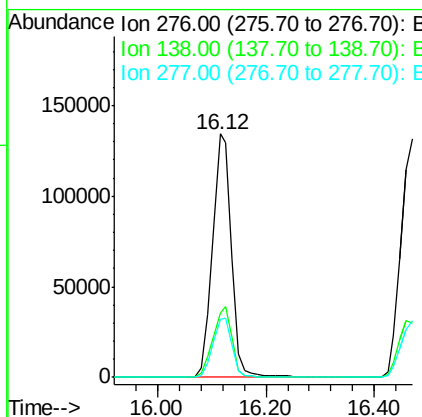
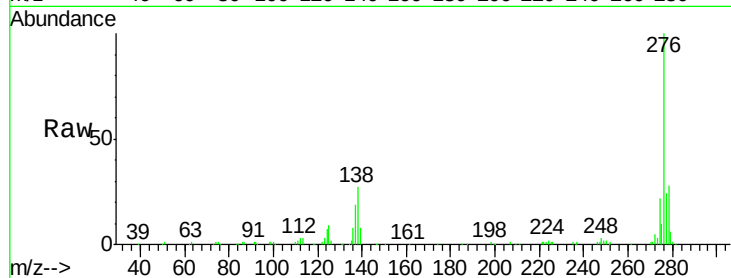
Time-->



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.12 ng
 RT: 16.12 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

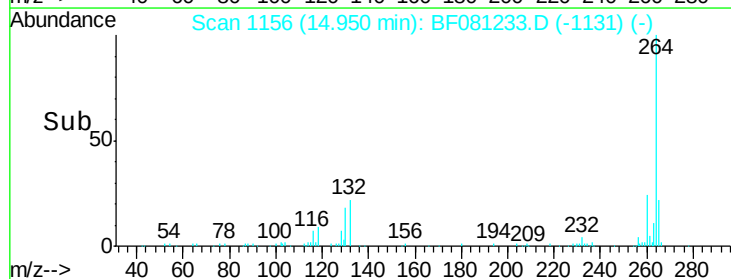
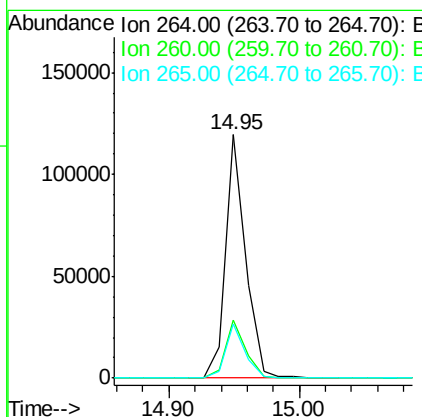
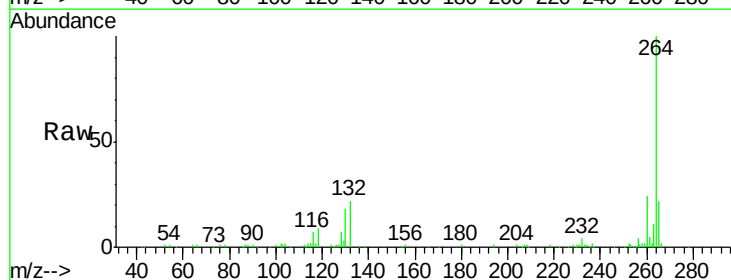
Instrument :
 BNA_F
 ClientSampleId :

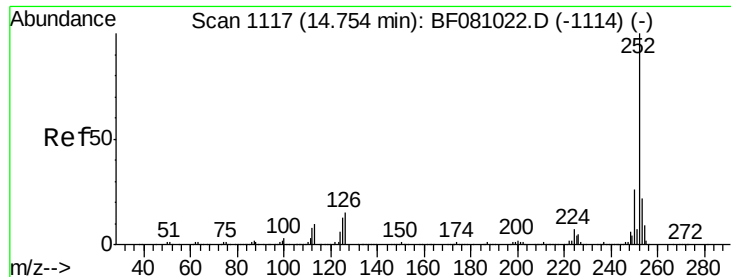
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF081233.D
 Acq: 27 Aug 2015 1:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 77.43 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

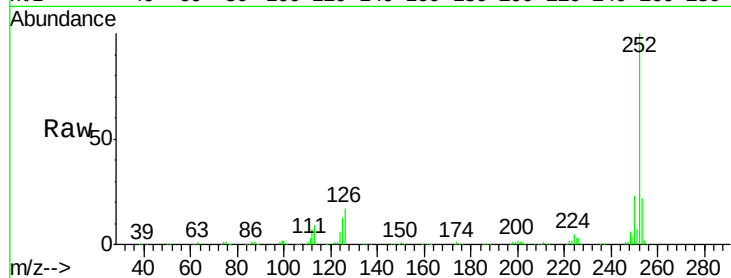
Tot Ion:252 Resp: 695446

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

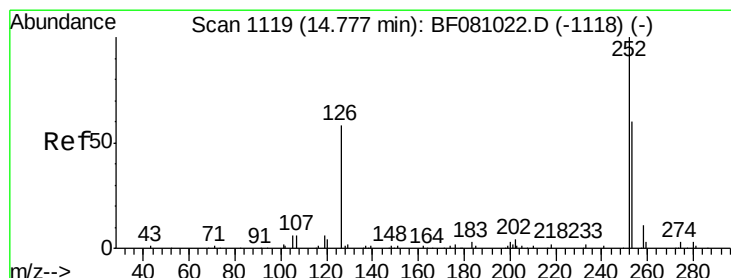
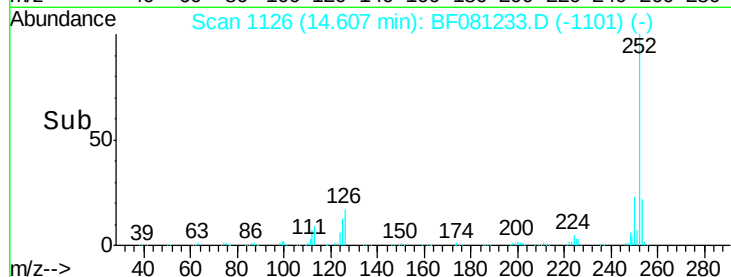
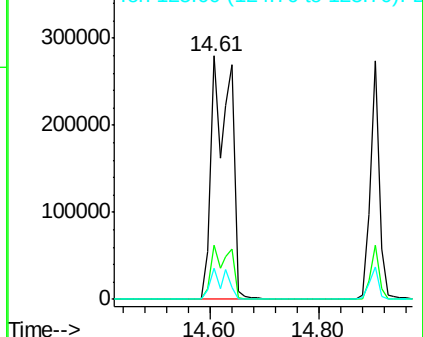
125 12.6 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.10 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

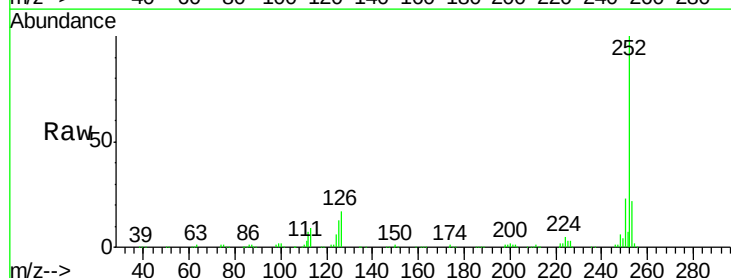
Tgt Ion:252 Resp: 695446

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

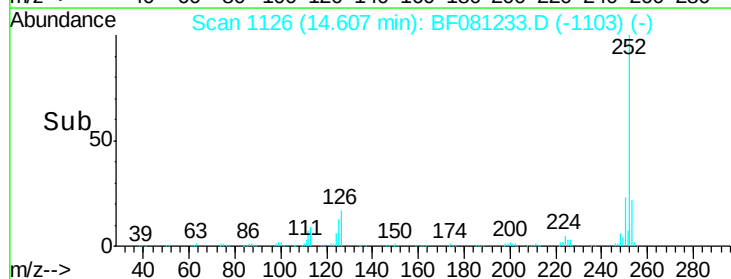
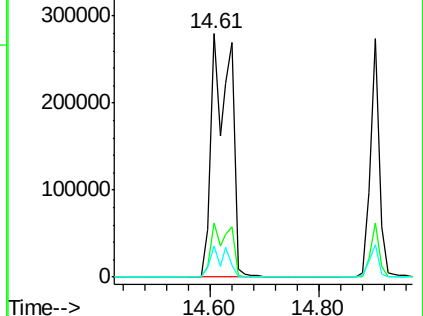
125 12.6 10.3 15.5

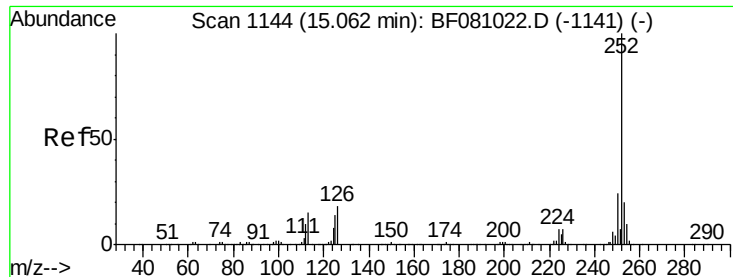


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

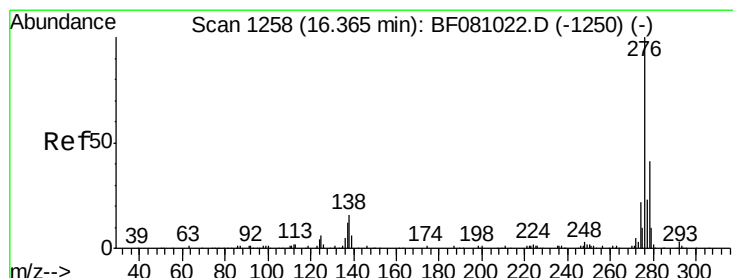
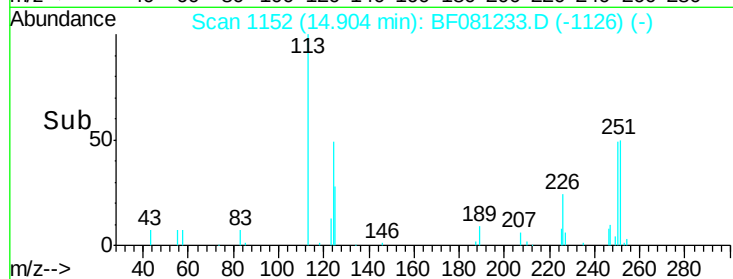
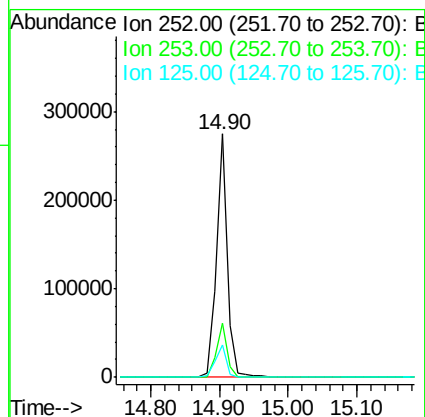
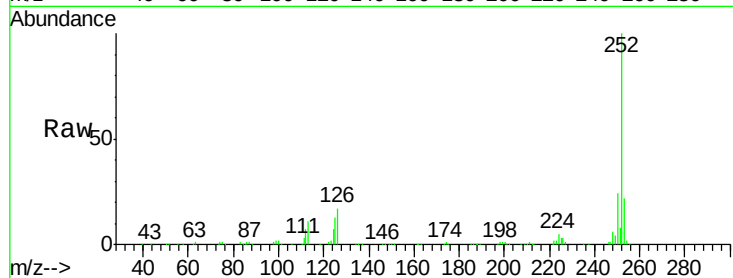




#89
Benzo(a)pyrene
Concen: 39.51 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

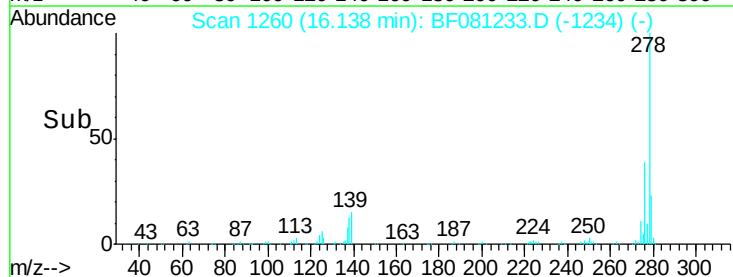
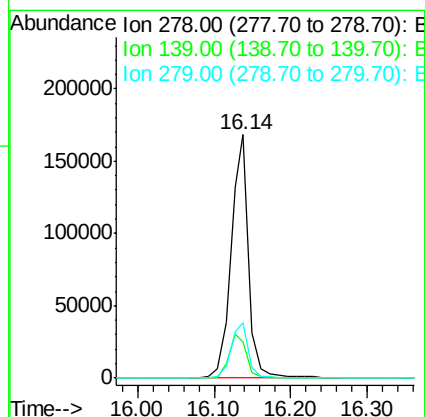
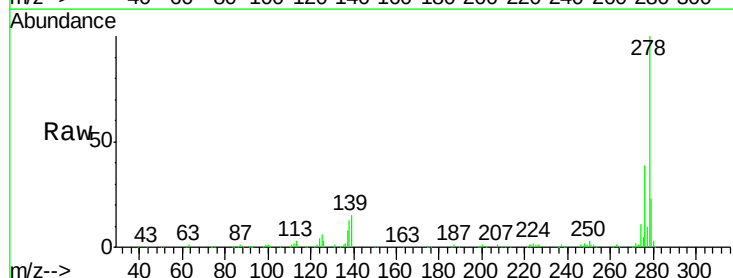
Instrument :
BNA_F
ClientSampleId :

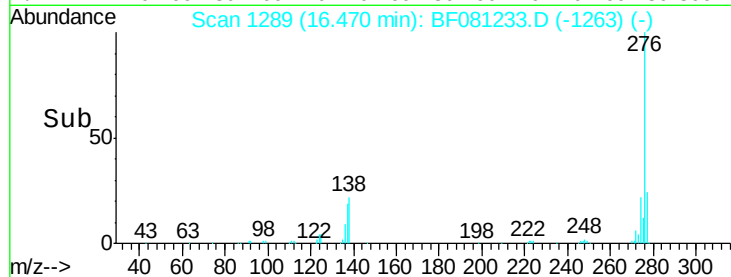
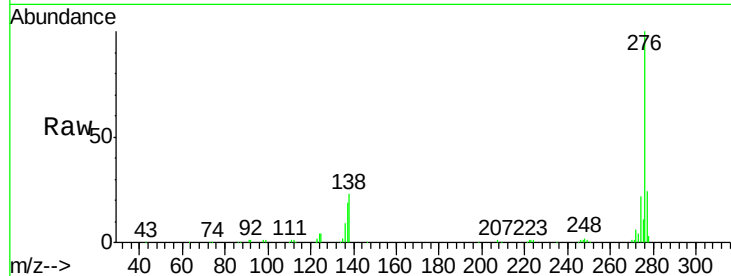
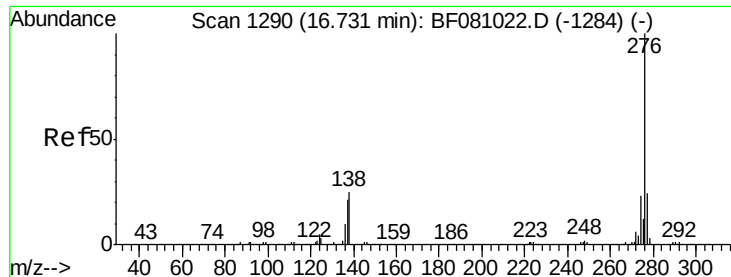
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.6	25.0
125	13.4	7.8	11.8#



#90
Dibenzo(a,h)anthracene
Concen: 44.45 ng
RT: 16.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF081233.D
Acq: 27 Aug 2015 1:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	10.8	16.2
279	23.0	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 44.09 ng

RT: 16.47 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF081233.D

Acq: 27 Aug 2015 1:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 272766

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.2

138 22.6 13.7 20.5#

