

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081083.D
 Acq On : 19 Aug 2015 15:28
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:46:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	63544	20.00	ng	-0.03
21) Naphthalene-d8	7.87	136	252817	20.00	ng	-0.03
38) Acenaphthene-d10	9.62	164	118410	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	244830	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	192039	20.00	ng	-0.03
86) Perylene-d12	15.05	264	145181	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	322910	76.43	ng	-0.03
7) Phenol-d6	6.24	99	441371	80.07	ng	-0.02
23) Nitrobenzene-d5	7.16	82	443882	80.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	90255	87.93	ng	-0.03
44) 2-Fluorobiphenyl	8.96	172	689170	76.26	ng	-0.03
78) Terphenyl-d14	12.67	244	637860	71.21	ng	-0.03

Target Compounds				Qvalue		
3) Pyridine	2.64	79	258595	46.02	ng	84
4) n-Nitrosodimethylamine	2.60	42	132454	42.34	ng	# 81
6) Aniline	6.25	93	322167	40.20	ng	# 30
8) 2-Chlorophenol	6.38	128	204266	44.17	ng	87
9) Benzaldehyde	6.12	77	147289	41.45	ng	99
10) Phenol	6.25	94	244170	37.51	ng	88
11) bis(2-Chloroethyl)ether	6.34	93	205806	41.20	ng	95
12) 1,3-Dichlorobenzene	6.76	146	201858	40.63	ng	97
13) 1,4-Dichlorobenzene	6.60	146	194560	39.54	ng	95
14) 1,2-Dichlorobenzene	6.76	146	202080	43.88	ng	93
15) Benzyl Alcohol	6.74	79	181571	40.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	413611	42.14	ng	99
17) 2-Methylphenol	6.87	107	167937	42.33	ng	94
18) Hexachloroethane	7.11	117	82793	41.65	ng	# 86
19) n-Nitroso-di-n-propylamine	7.03	70	160656	42.07	ng	91
20) 3+4-Methylphenols	7.03	107	221736	44.03	ng	# 43
22) Acetophenone	7.02	105	285240	42.98	ng	91
24) Nitrobenzene	7.19	77	242295	41.87	ng	# 88
25) Isophorone	7.43	82	424626	41.14	ng	98
26) 2-Nitrophenol	7.50	139	94469	39.26	ng	87
27) 2,4-Dimethylphenol	7.55	122	192307	45.17	ng	92
28) bis(2-Chloroethoxy)methane	7.64	93	246403	40.41	ng	100
29) 2,4-Dichlorophenol	7.75	162	154354	43.06	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	166602	41.82	ng	96
31) Naphthalene	7.90	128	527367	37.42	ng	99
32) Benzoic acid	7.69	122	106291	44.39	ng	93
33) 4-Chloroaniline	7.95	127	218768	36.79	ng	97
34) Hexachlorobutadiene	8.02	225	91857	40.78	ng	96
35) Caprolactam	8.34	113	56094	44.78	ng	# 86
36) 4-Chloro-3-methylphenol	8.44	107	176520	41.32	ng	96
37) 2-Methylnaphthalene	8.59	142	392577	44.10	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	139141	36.42	ng	98
40) Hexachlorocyclopentadiene	8.74	237	79083	39.99	ng	96
42) 2,4,6-Trichlorophenol	8.87	196	110483	40.94	ng	99

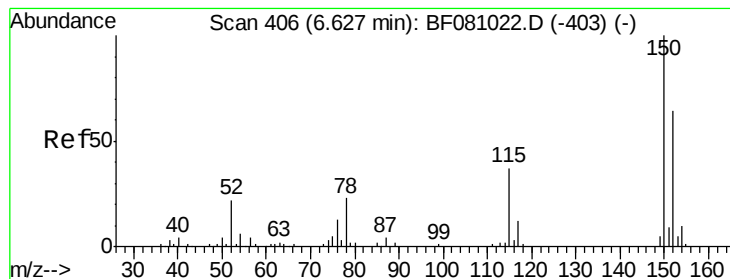
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081083.D
 Acq On : 19 Aug 2015 15:28
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:46:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.91	196	119816	44.42	nq	97
45) 1,1'-Biphenyl	9.06	154	417200	40.00	nq	99
46) 2-Chloronaphthalene	9.07	162	307537	36.70	nq	# 92
47) 2-Nitroaniline	9.18	65	142910	41.68	nq	94
48) Acenaphthylene	9.48	152	527411	35.19	nq	98
49) Dimethylphthalate	9.37	163	405843	41.62	nq	99
50) 2,6-Dinitrotoluene	9.43	165	93715	44.76	nq	94
51) Acenaphthene	9.66	154	339799	37.87	nq	98
52) 3-Nitroaniline	9.59	138	98314	37.52	nq	97
53) 2,4-Dinitrophenol	9.69	184	45946	44.39	nq	90
54) Dibenzofuran	9.83	168	443398	36.87	nq	92
55) 4-Nitrophenol	9.76	139	89194	48.47	nq	# 67
56) 2,4-Dinitrotoluene	9.83	165	114260	41.17	nq	96
57) Fluorene	10.17	166	387465	41.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	93823	44.94	nq	96
59) Diethylphthalate	10.07	149	421052	40.79	nq	# 94
60) 4-Chlorophenyl-phenylether	10.17	204	180131	46.02	nq	# 87
61) 4-Nitroaniline	10.20	138	117299	43.80	nq	86
62) Azobenzene	10.33	77	487950	41.02	nq	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	62477	42.73	nq	86
65) n-Nitrosodiphenylamine	10.28	169	322305	36.88	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	89565	37.24	nq	# 71
67) Hexachlorobenzene	10.71	284	92243	37.87	nq	# 74
68) Atrazine	10.82	200	96486	39.63	nq	99
69) Pentachlorophenol	10.90	266	56838	38.89	nq	98
70) Phenanthrene	11.12	178	525122	36.19	nq	98
71) Anthracene	11.18	178	537369	38.06	nq	98
72) Carbazole	11.32	167	488571	35.94	nq	99
73) Di-n-butylphthalate	11.68	149	699213	42.51	nq	99
74) Fluoranthene	12.30	202	615400	39.30	nq	95
76) Benzidine	12.42	184	279164	38.48	nq	99
77) Pyrene	12.53	202	633515	40.58	nq	99
79) Butylbenzylphthalate	13.15	149	263623	39.28	nq	# 66
80) Benzo(a)anthracene	13.70	228	517058	40.15	nq	100
81) 3,3'-Dichlorobenzidine	13.68	252	189974	45.54	nq	# 96
82) Chrysene	13.74	228	382922	32.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	373348	43.44	nq	# 98
84) Di-n-octyl phthalate	14.33	149	634619	48.58	nq	98
85) Indeno(1,2,3-cd)pyrene	16.26	276	342856	42.07	nq	# 94
87) Benzo(b)fluoranthene	14.72	252	767103	74.70	nq	# 97
88) Benzo(k)fluoranthene	14.72	252	767103	80.17	nq	99
89) Benzo(a)pyrene	15.01	252	366467	40.96	nq	# 97
90) Dibenzo(a,h)anthracene	16.27	278	284310	40.78	nq	# 94
91) Benzo(q,h,i)perylene	16.62	276	277007	39.16	nq	# 90

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

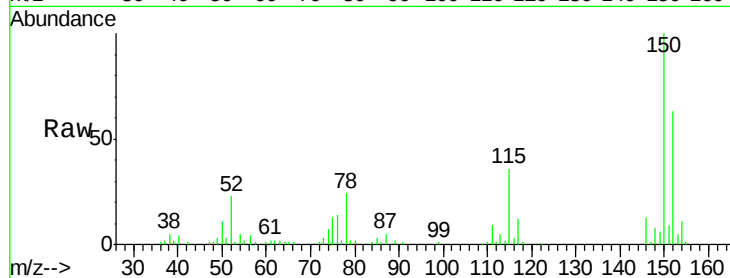


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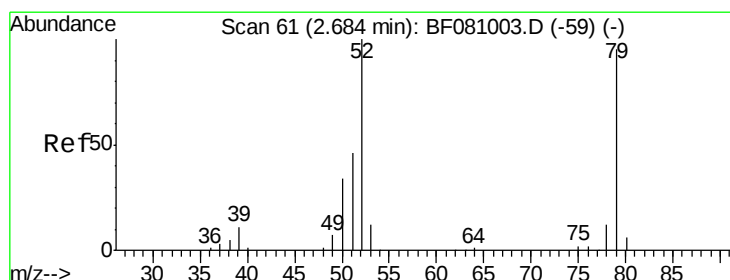
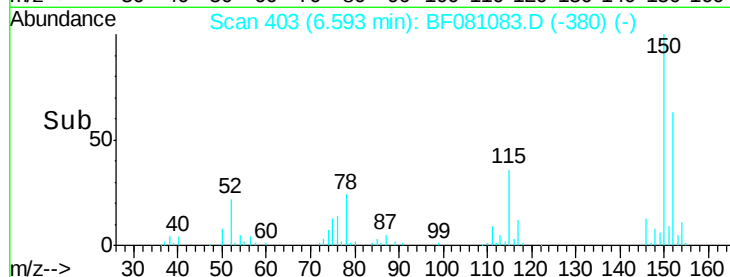
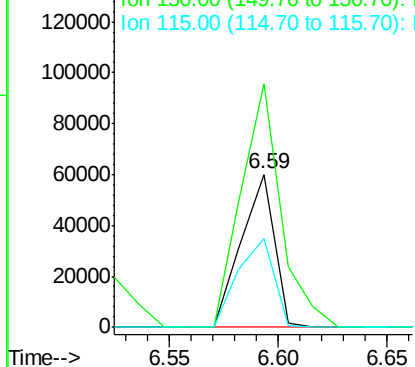
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63544
Ion Ratio Lower Upper
152 100
150 158.8 123.8 185.6
115 57.8 52.1 78.1



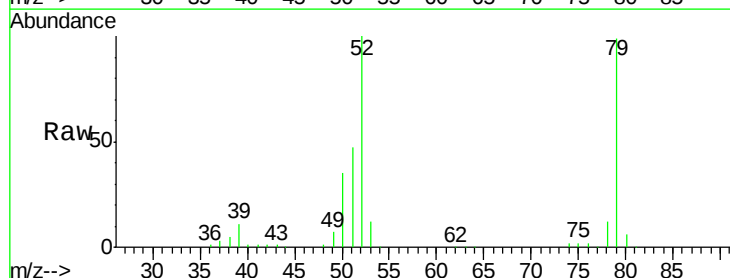
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



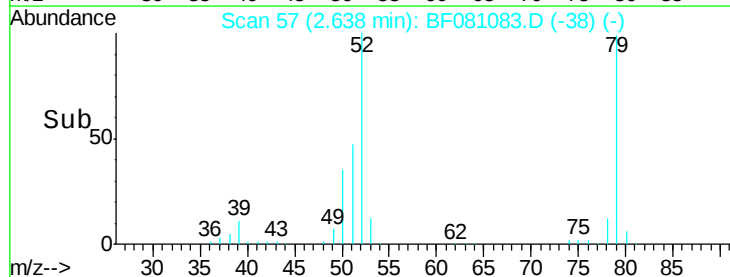
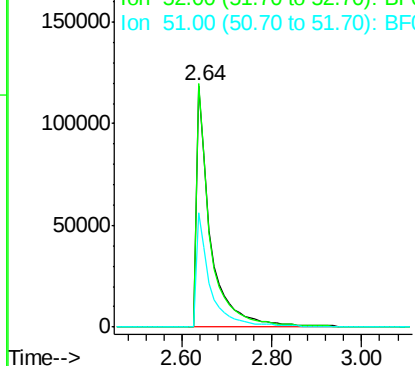
#3

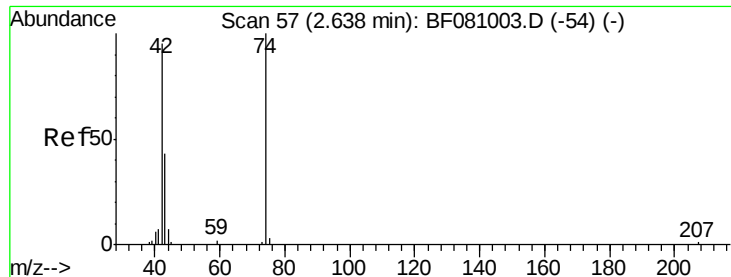
Pyridine
Concen: 46.02 ng
RT: 2.64 min Scan# 57
Delta R.T. -0.08 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion: 79 Resp: 258595
Ion Ratio Lower Upper
79 100
52 100.9 95.1 142.7
51 47.3 46.6 70.0



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





#4

n-Nitrosodimethylamine

Concen: 42.34 ng

RT: 2.60 min Scan# 54

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

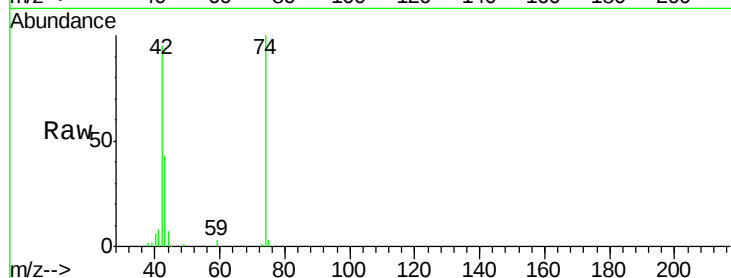
Tot Ion: 42 Resp: 132454

Ion Ratio Lower Upper

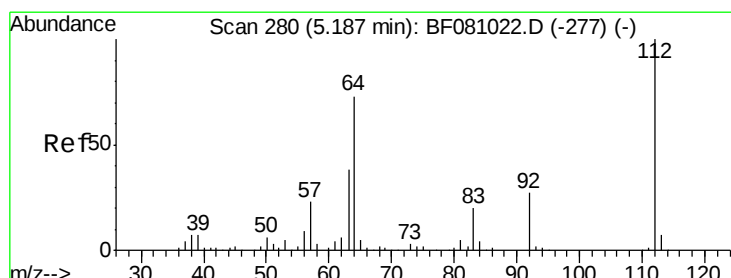
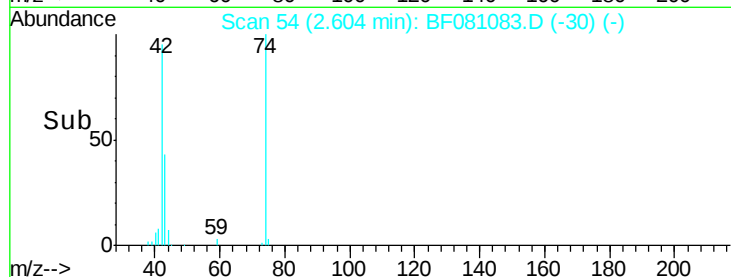
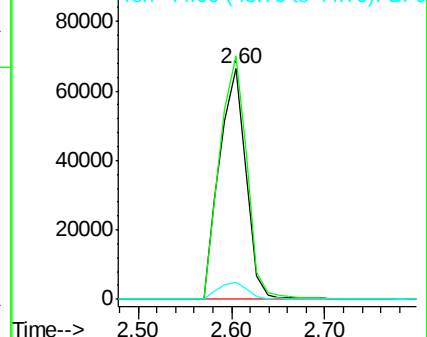
42 100

74 105.7 69.3 103.9#

44 7.4 5.5 8.3



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



#5

2-Fluorophenol

Concen: 76.43 ng

RT: 5.15 min Scan# 277

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

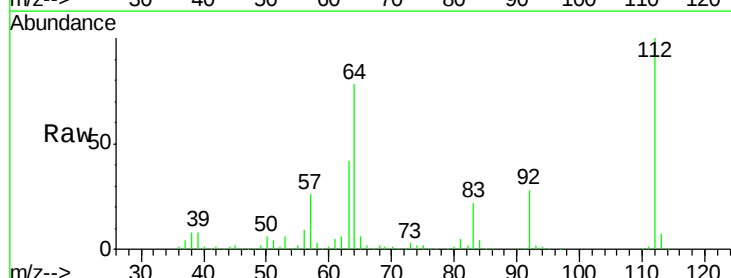
Tgt Ion: 112 Resp: 322910

Ion Ratio Lower Upper

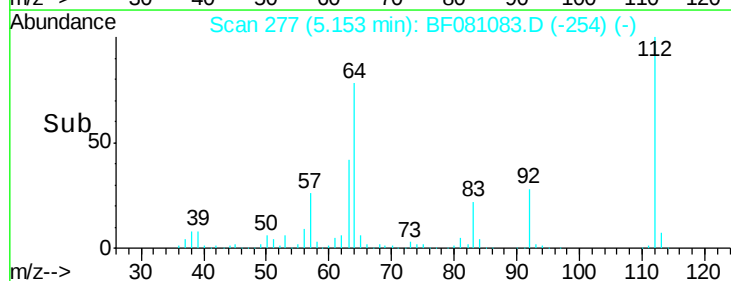
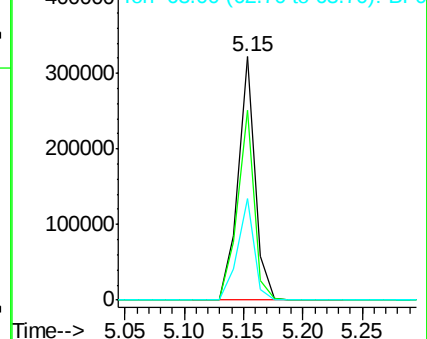
112 100

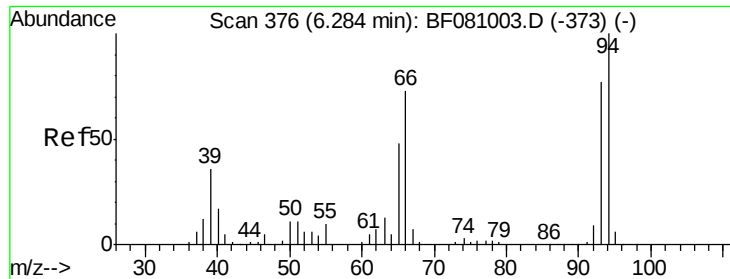
64 78.0 66.9 100.3

63 41.6 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 40.20 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

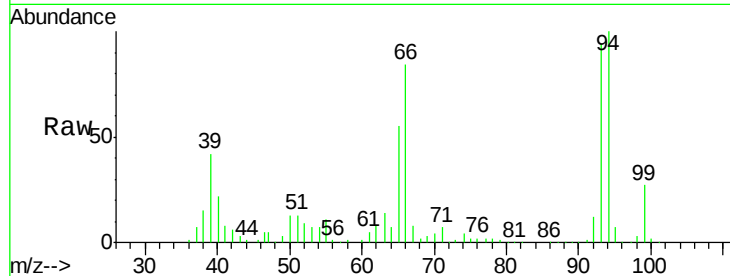
Tot Ion: 93 Resp: 322167

Ion Ratio Lower Upper

93 100

66 89.6 35.6 53.4#

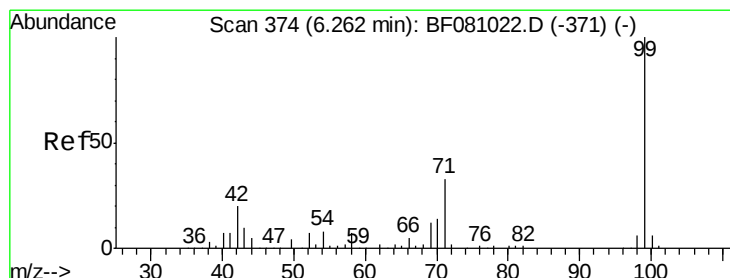
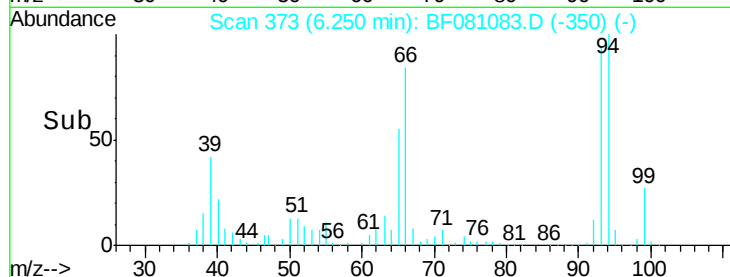
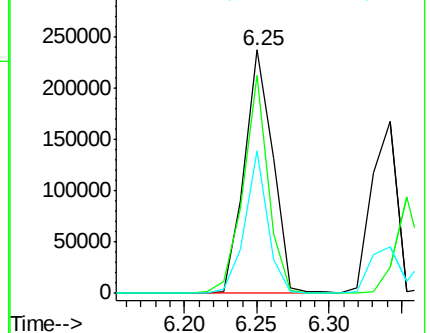
65 58.4 18.7 28.1#



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: 80.07 ng

RT: 6.24 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

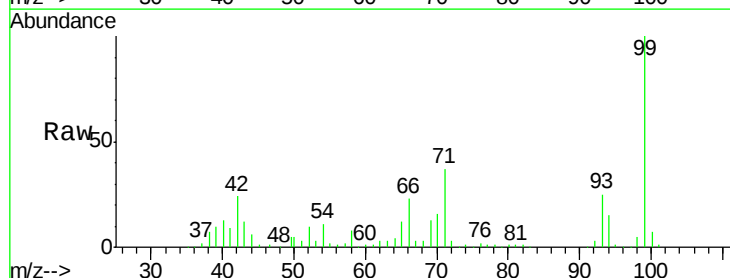
Tgt Ion: 99 Resp: 441371

Ion Ratio Lower Upper

99 100

42 23.6 19.6 29.4

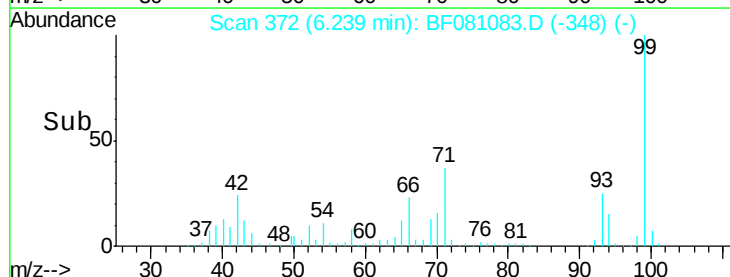
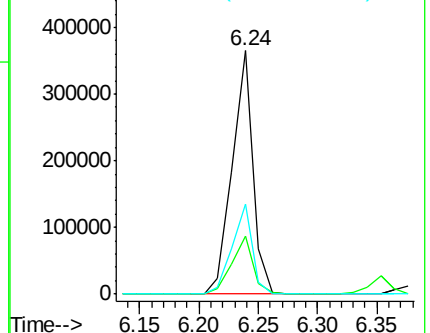
71 36.9 31.2 46.8

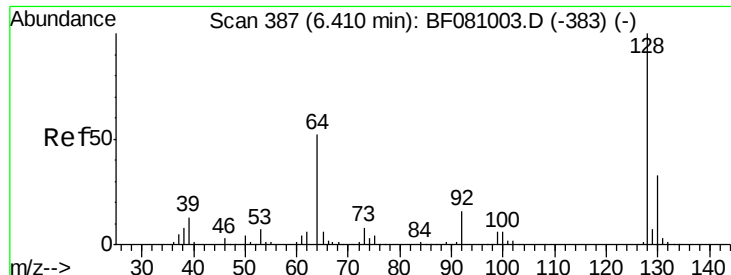


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 44.17 ng

RT: 6.38 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

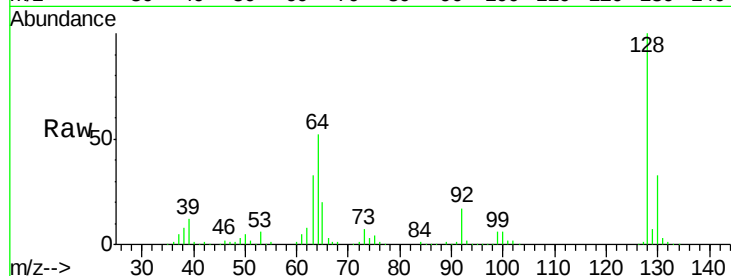
Tot Ion:128 Resp: 204266

Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

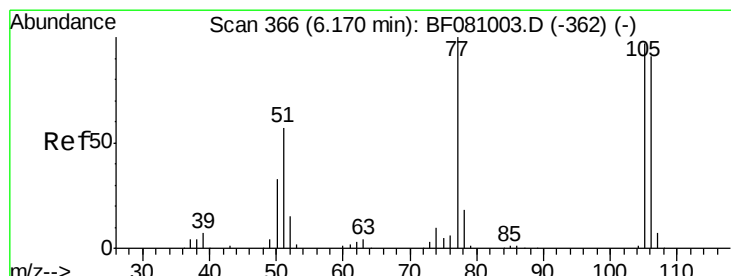
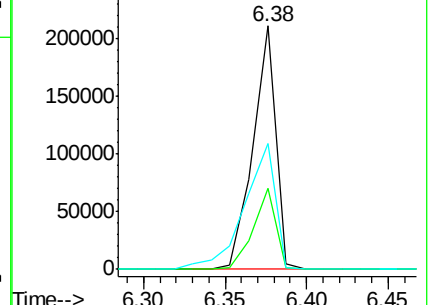
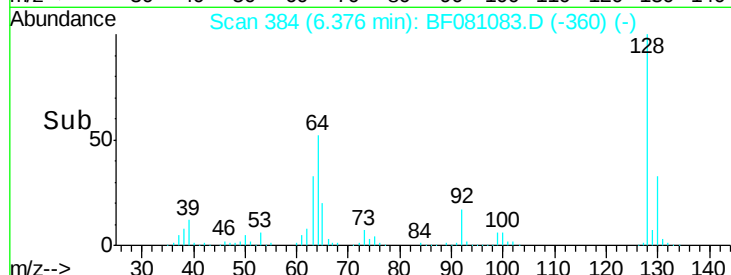
64 51.9 46.8 86.8



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: 41.45 ng

RT: 6.12 min Scan# 362

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

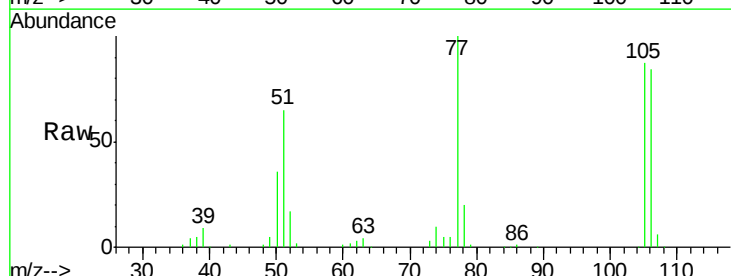
Tgt Ion: 77 Resp: 147289

Ion Ratio Lower Upper

77 100

105 87.4 69.6 109.6

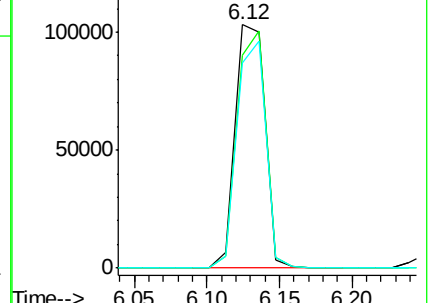
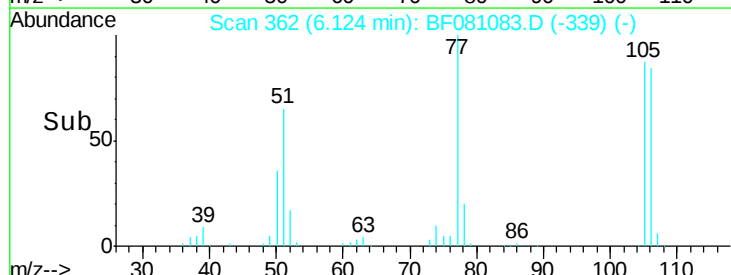
106 84.1 64.0 104.0

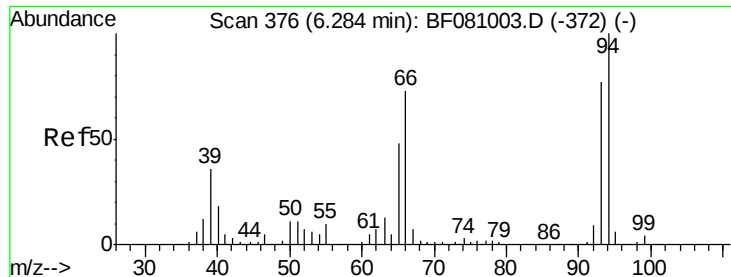


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

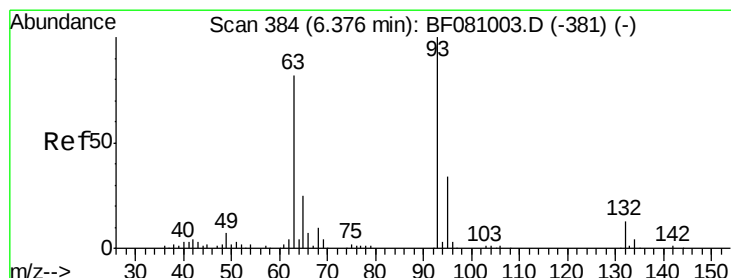
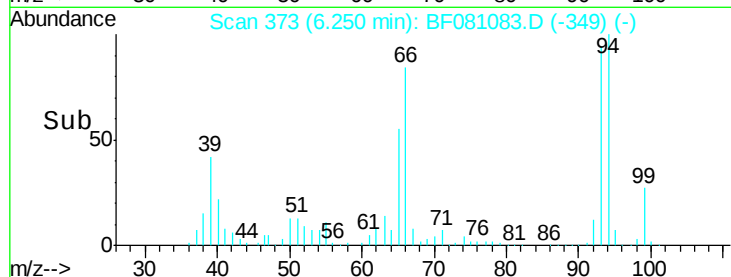
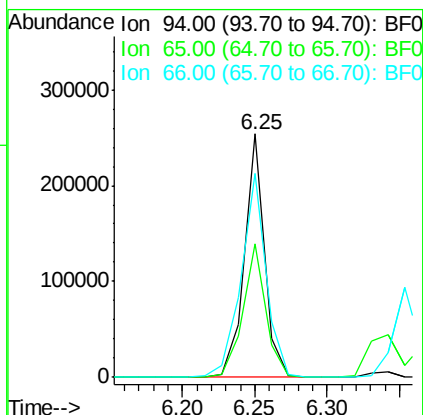
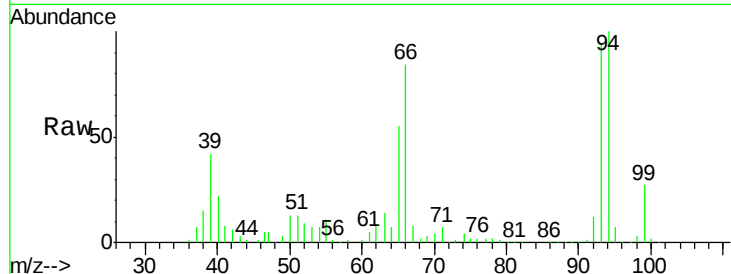




#10
Phenol
Concen: 37.51 ng
RT: 6.25 min Scan# 373
Delta R.T. -0.02 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

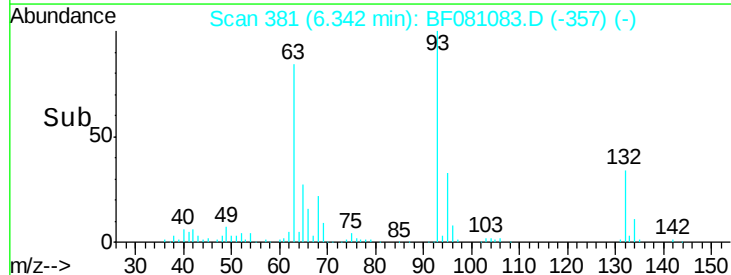
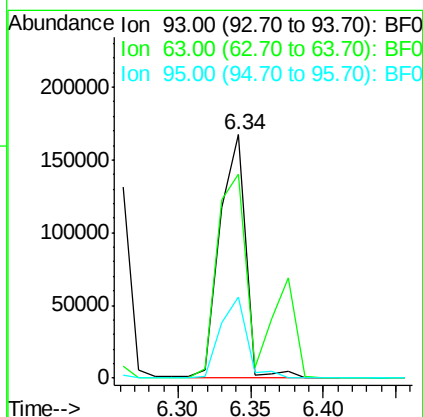
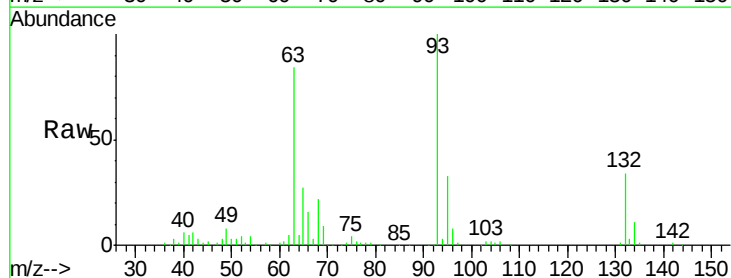
Instrument :
BNA_F
ClientSampleId :

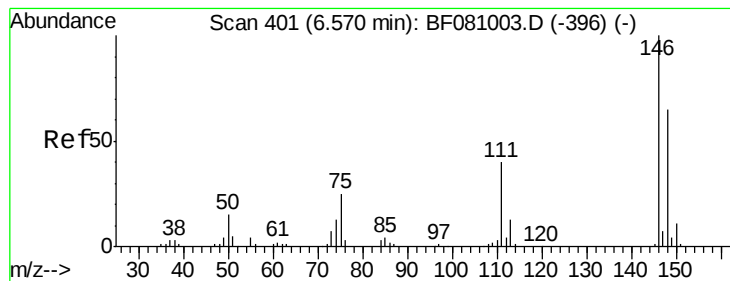
Tot Ion: 94 Resp: 244170
Ion Ratio Lower Upper
94 100
65 54.7 28.4 68.4
66 83.9 52.3 92.3



#11
bis(2-Chloroethyl)ether
Concen: 41.20 ng
RT: 6.34 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion: 93 Resp: 205806
Ion Ratio Lower Upper
93 100
63 84.0 69.6 109.6
95 33.3 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 40.63 ng

RT: 6.76 min Scan# 418

Delta R.T. 0.21 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

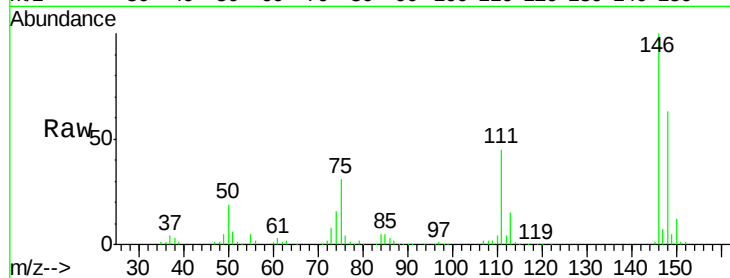
Tot Ion:146 Resp: 201858

Ion Ratio Lower Upper

146 100

148 63.4 53.3 79.9

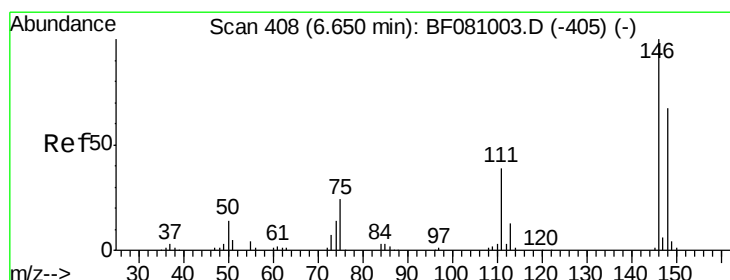
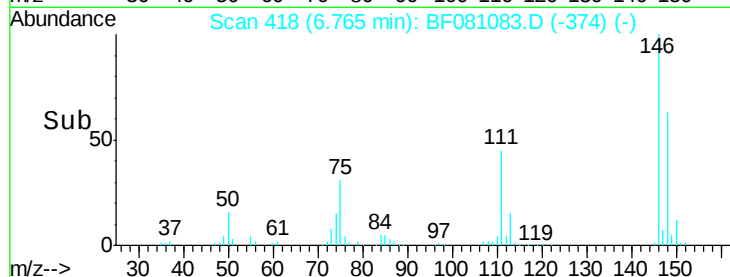
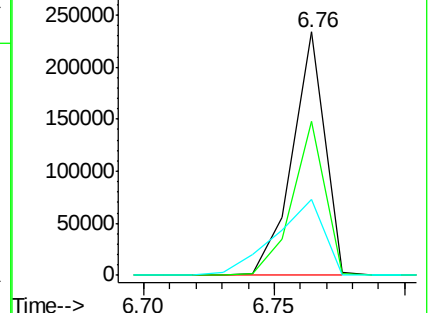
75 31.3 25.0 37.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 39.54 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

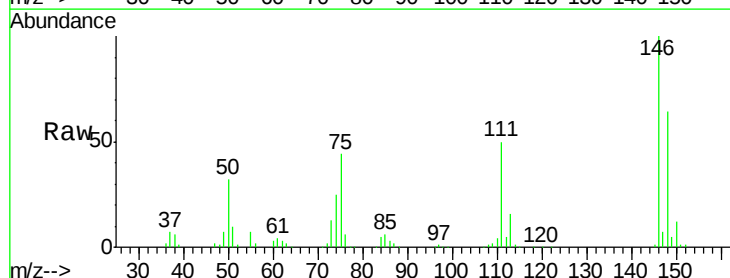
Tgt Ion:146 Resp: 194560

Ion Ratio Lower Upper

146 100

148 64.1 52.3 78.5

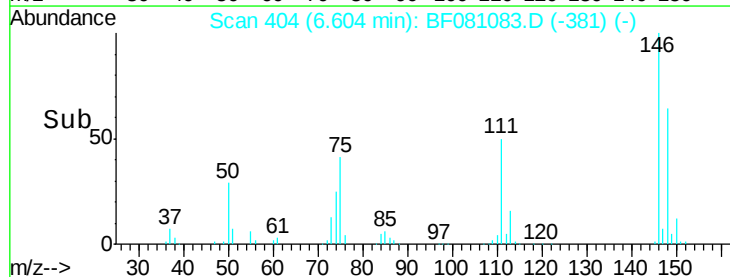
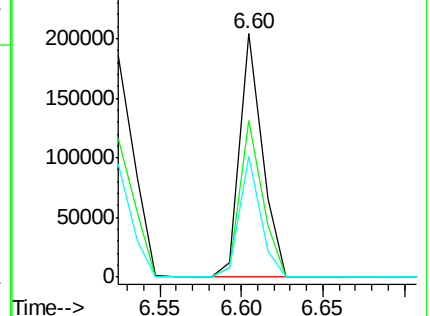
111 49.7 34.4 51.6

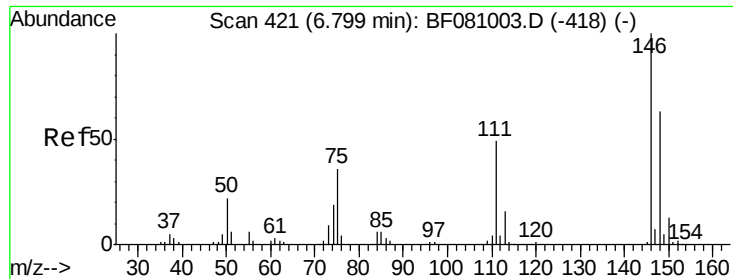


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

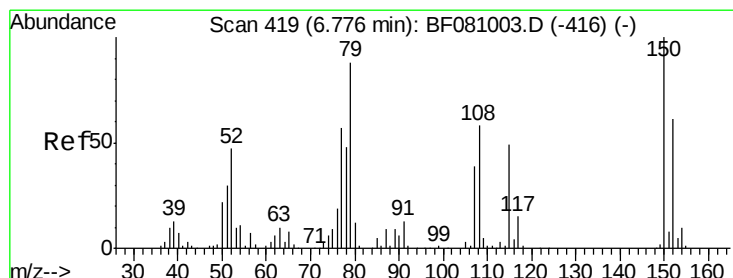
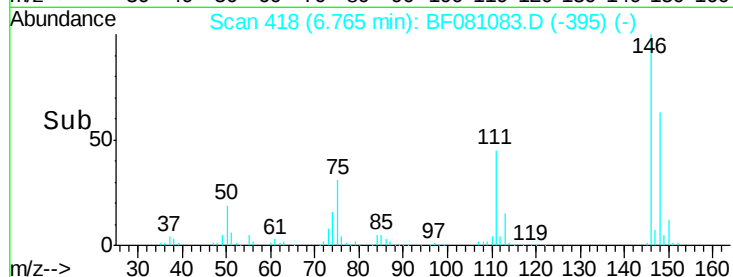
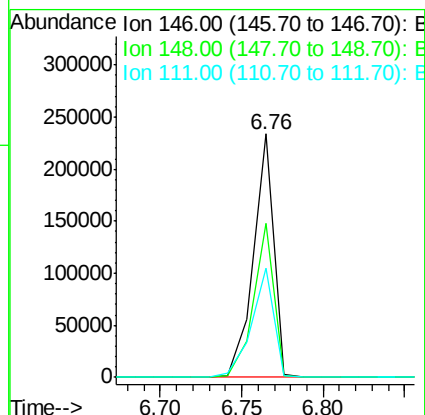
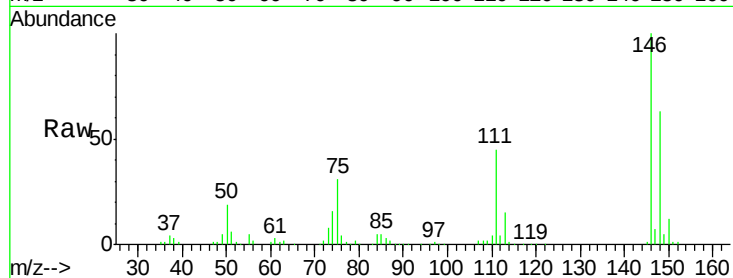




#14
 1,2-Dichlorobenzene
 Concen: 43.88 ng
 RT: 6.76 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

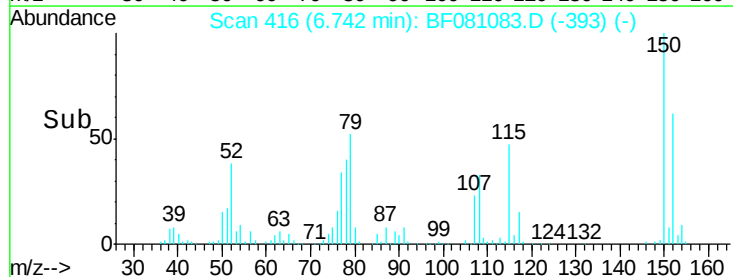
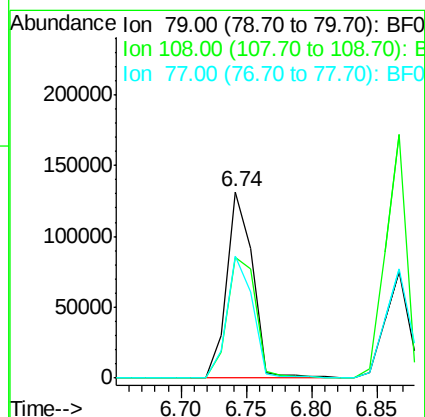
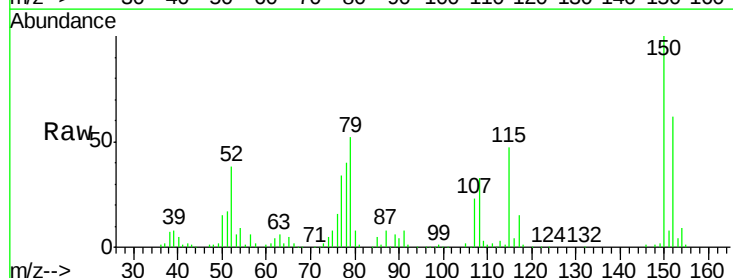
Instrument :
 BNA_F
 ClientSampleId :

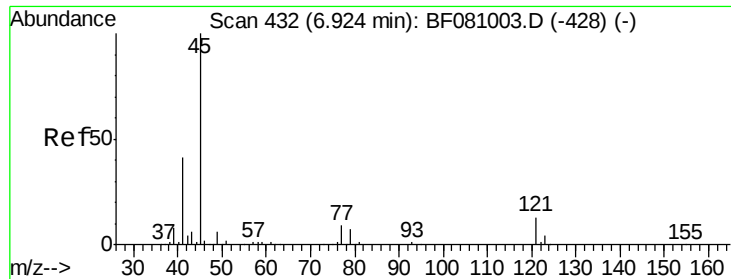
Tot Ion:146 Resp: 202080
 Ion Ratio Lower Upper
 146 100
 148 63.4 48.7 73.1
 111 44.7 42.3 63.5



#15
 Benzyl Alcohol
 Concen: 40.71 ng
 RT: 6.74 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion: 79 Resp: 181571
 Ion Ratio Lower Upper
 79 100
 108 64.5 49.4 74.2
 77 65.3 51.4 77.0

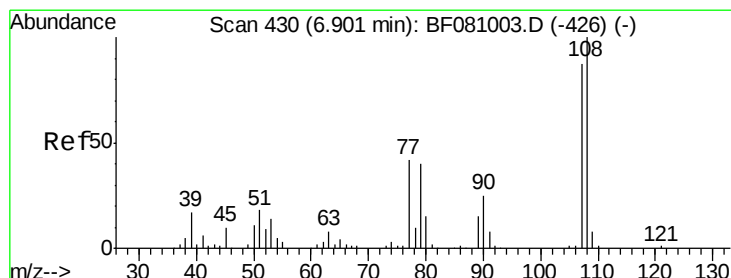
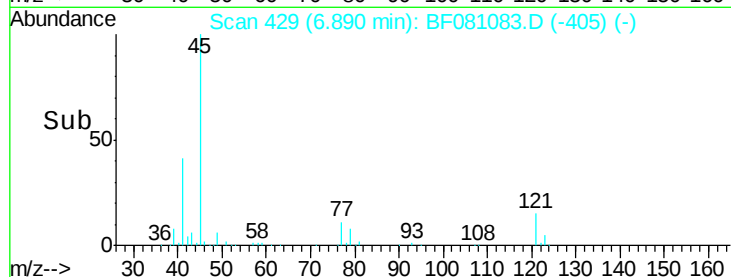
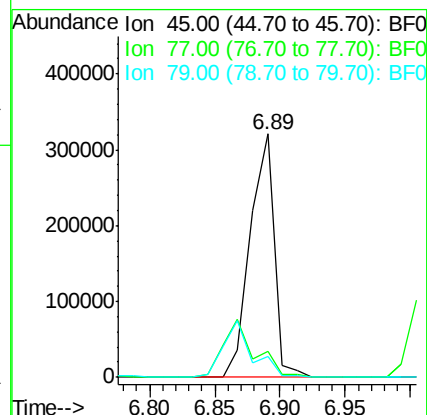
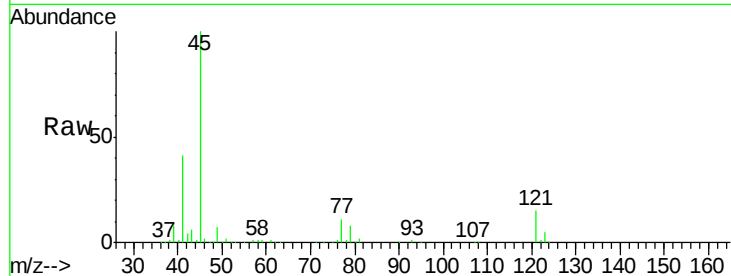




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 42.14 ng
 RT: 6.89 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

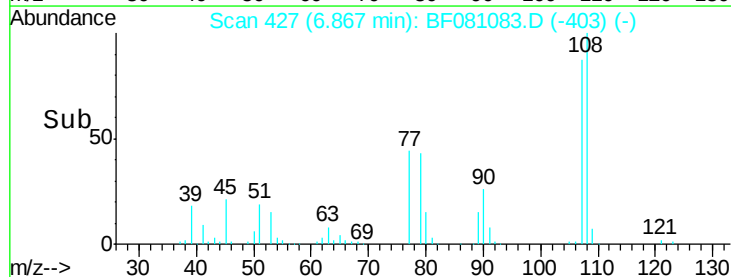
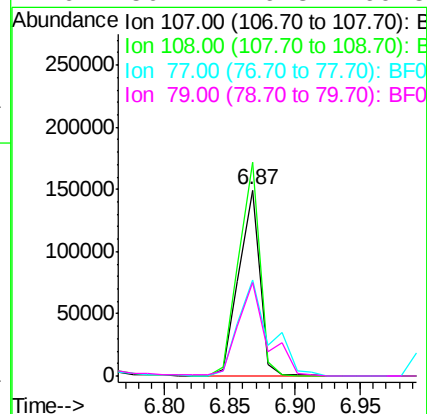
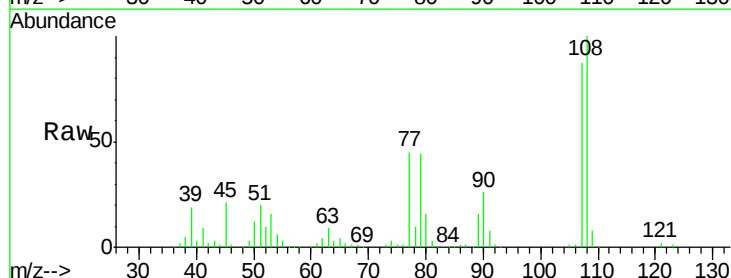
Instrument :
 BNA_F
 ClientSampleId :

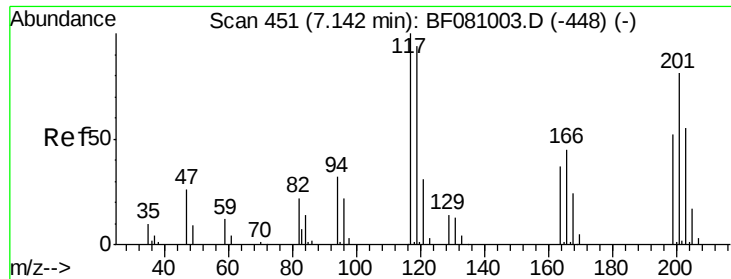
Tot Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.2
79	8.4	0.0	28.0



#17
 2-Methylphenol
 Concen: 42.33 ng
 RT: 6.87 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.4	135.6
77	51.5	46.5	69.7
79	50.2	46.3	69.5

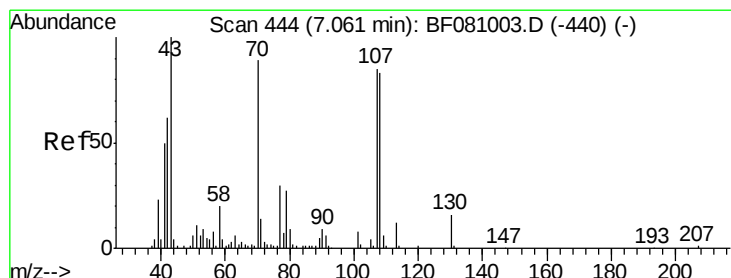
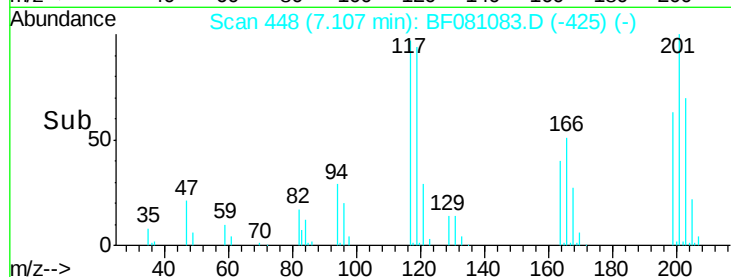
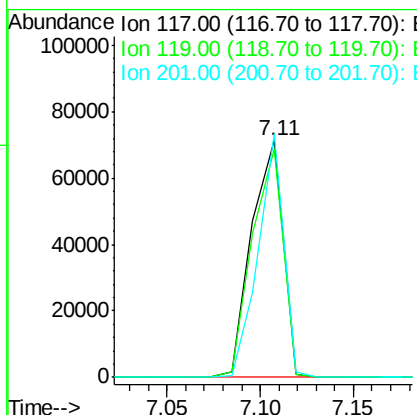
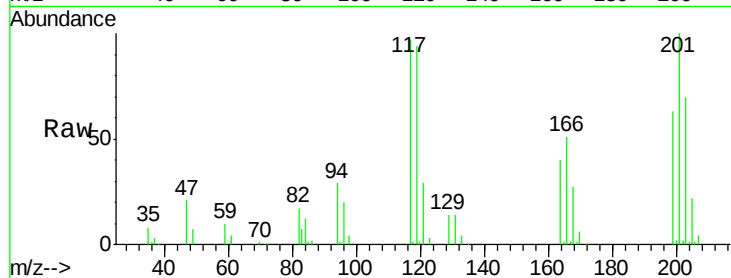




#18
Hexachloroethane
Concen: 41.65 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

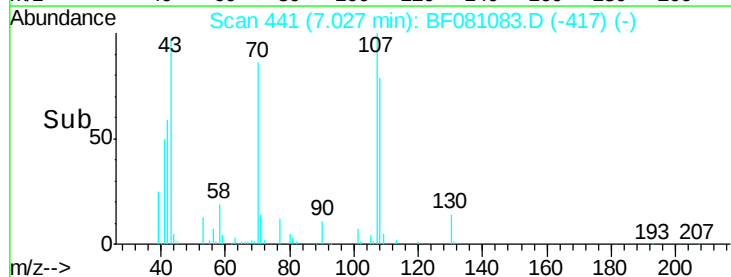
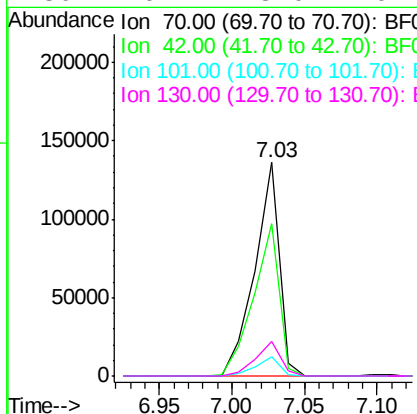
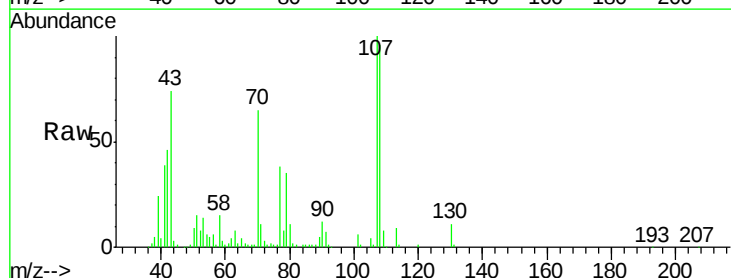
Instrument :
BNA_F
ClientSampleId :

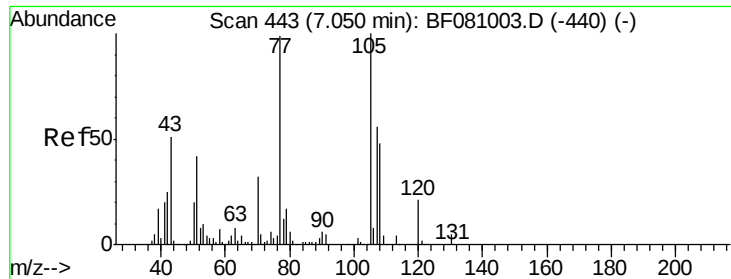
Tot Ion: 117 Resp: 82793
Ion Ratio Lower Upper
117 100
119 96.4 77.9 116.9
201 102.8 61.3 91.9#



#19
n-Nitroso-di-n-propylamine
Concen: 42.07 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion: 70 Resp: 160656
Ion Ratio Lower Upper
70 100
42 71.3 65.0 97.4
101 8.8 7.4 11.2
130 16.4 13.0 19.4





#20

3+4-Methylphenols

Concen: 44.03 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 221736

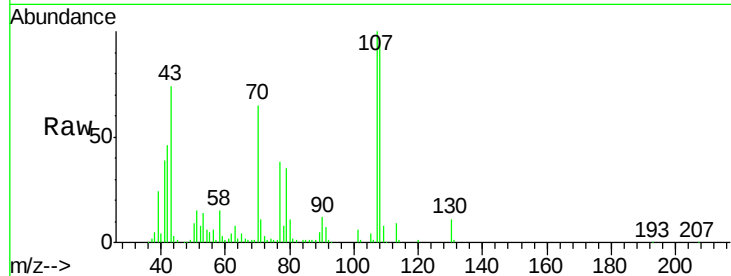
Ion Ratio Lower Upper

107 100

108 96.3 66.1 106.1

77 38.5 139.3 179.3#

79 34.5 11.9 51.9



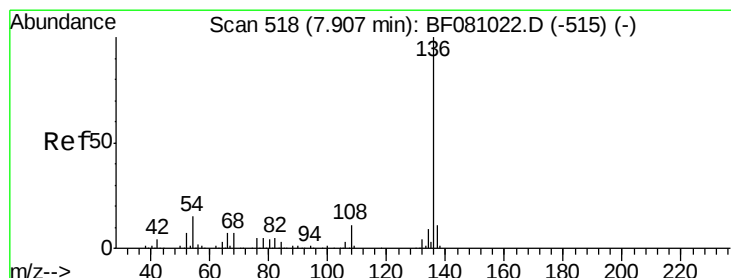
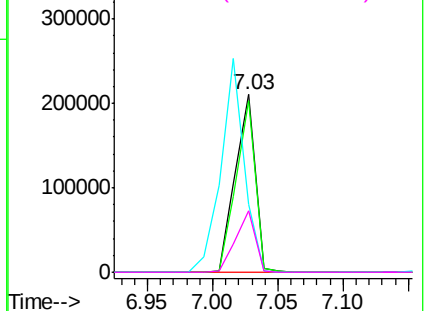
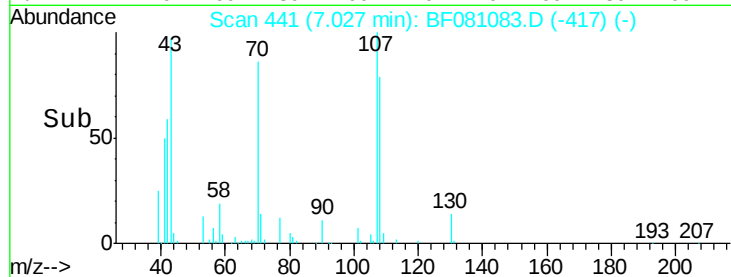
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Tgt Ion:136 Resp: 252817

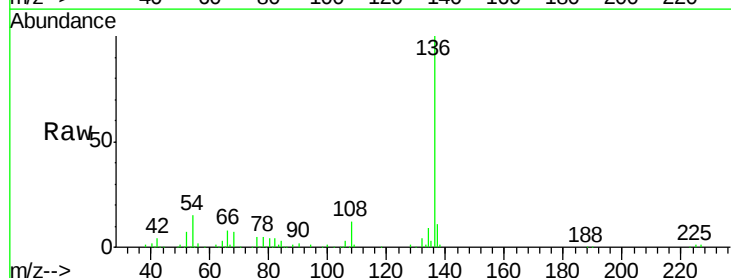
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 14.7 7.7 11.5#

68 7.1 3.4 5.2#



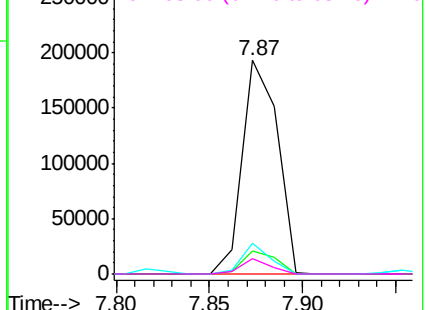
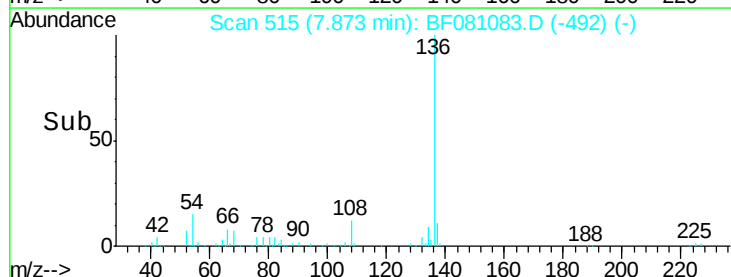
Abundance

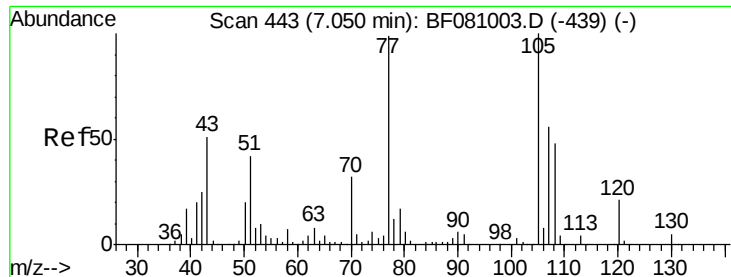
Ion 136.00 (135.70 to 136.70): E

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: 42.98 ng

RT: 7.02 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 285240

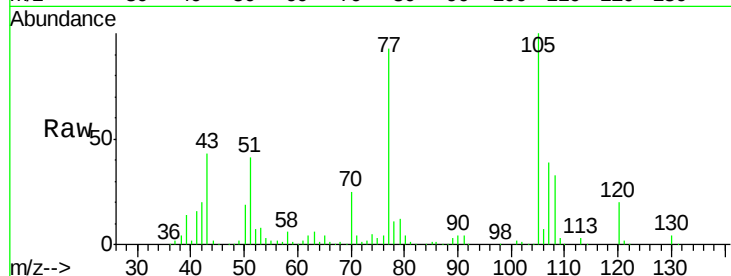
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.6

51 40.6 39.8 59.8

120 20.3 15.8 23.8

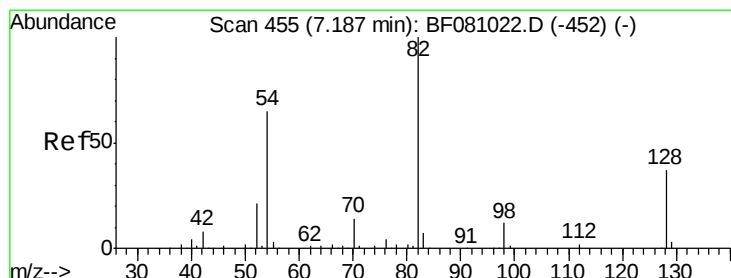
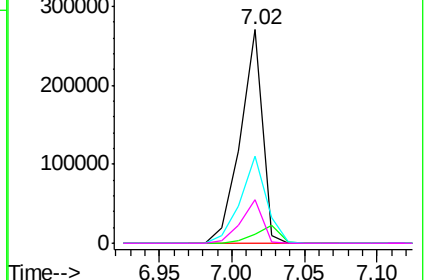
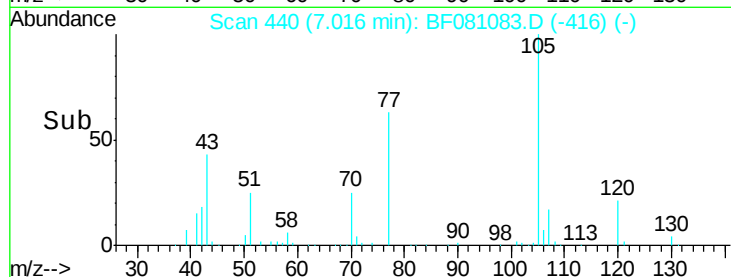


Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.20 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

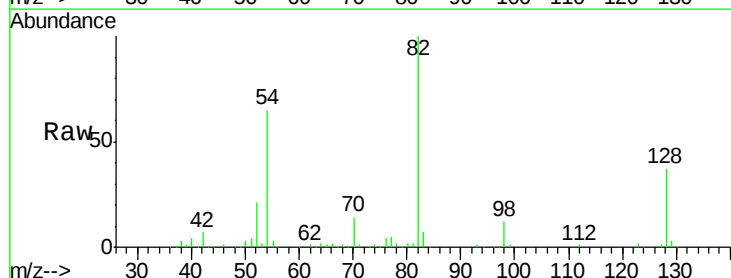
Tgt Ion: 82 Resp: 443882

Ion Ratio Lower Upper

82 100

128 37.5 28.6 42.8

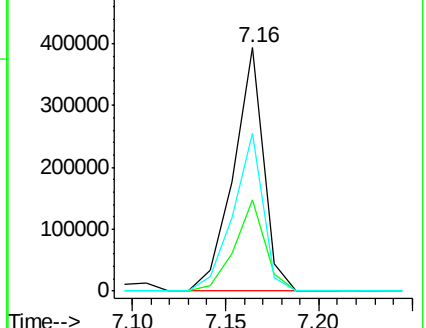
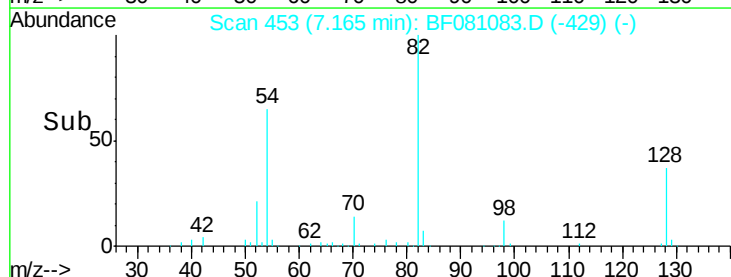
54 64.8 55.1 82.7

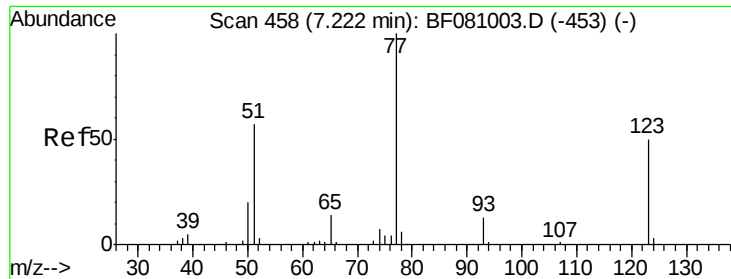


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 41.87 ng

RT: 7.19 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

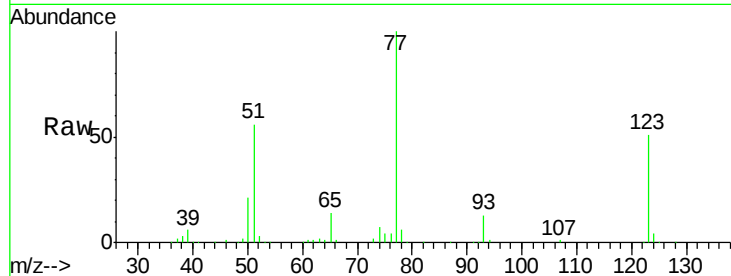
Tot Ion: 77 Resp: 242295

Ion Ratio Lower Upper

77 100

123 50.8 32.9 49.3#

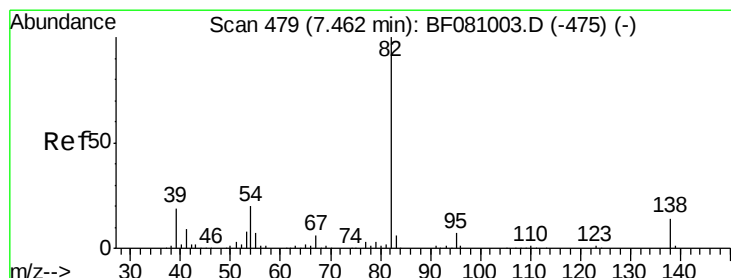
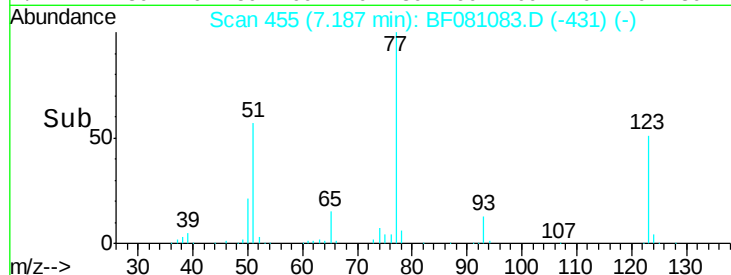
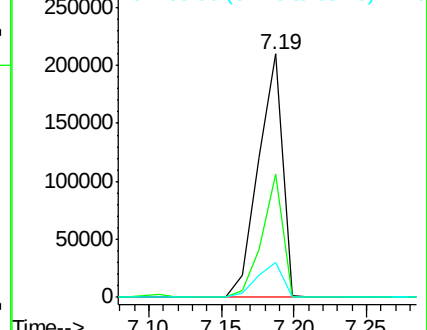
65 14.3 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.14 ng

RT: 7.43 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

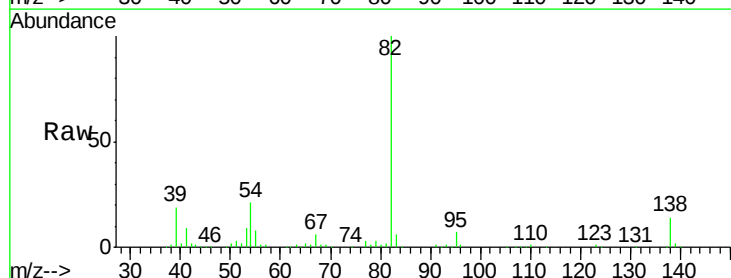
Tgt Ion: 82 Resp: 424626

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

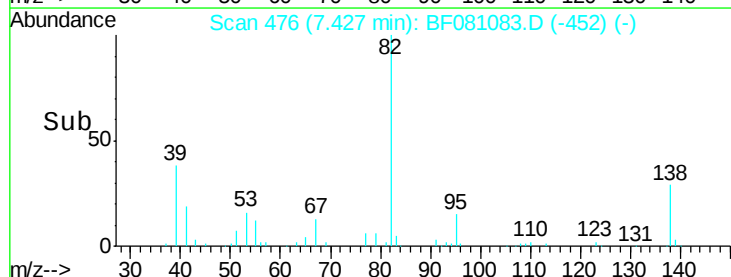
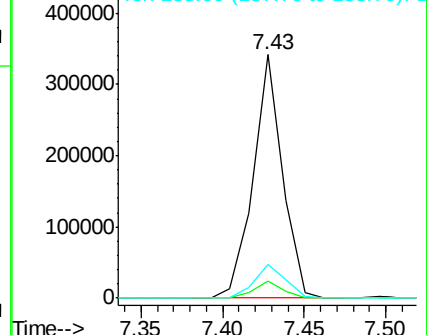
138 14.0 10.5 15.7

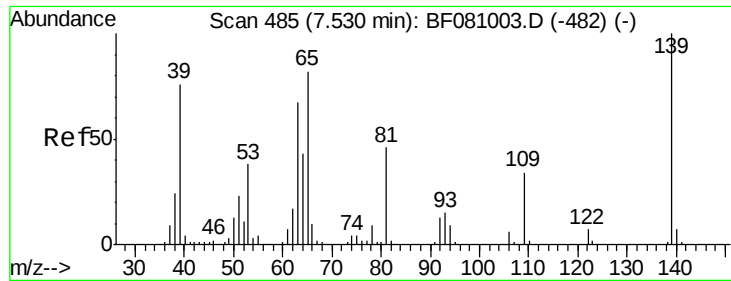


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

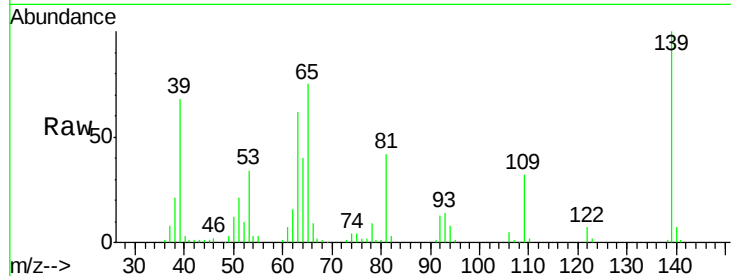




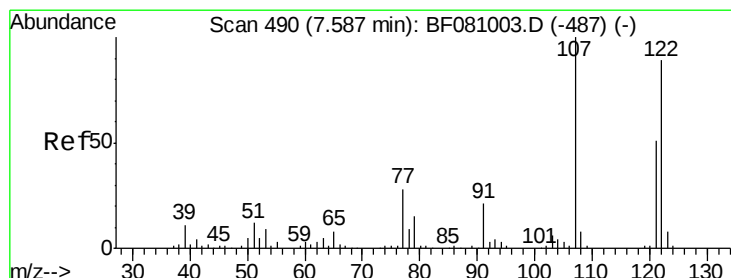
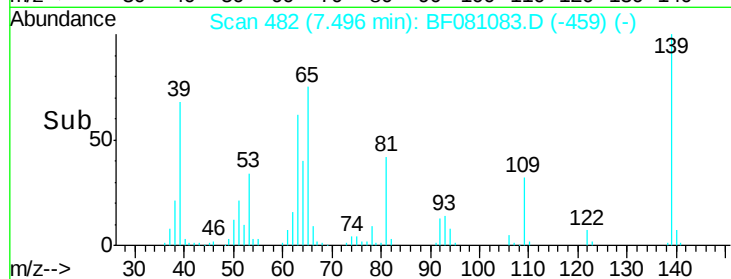
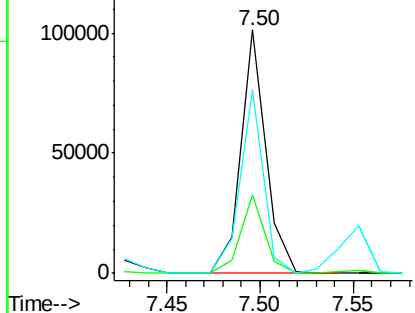
#26
2-Nitrophenol
Concen: 39.26 ng
RT: 7.50 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	32.5	32.1	48.1
65	75.4	69.9	104.9

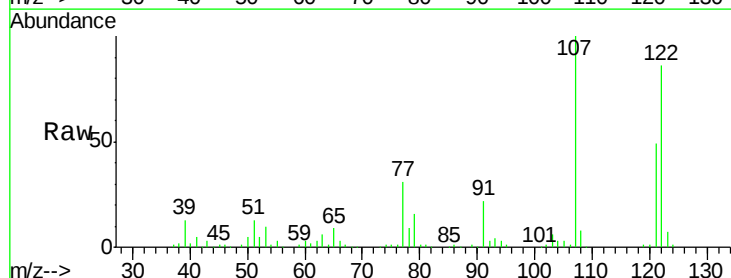


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

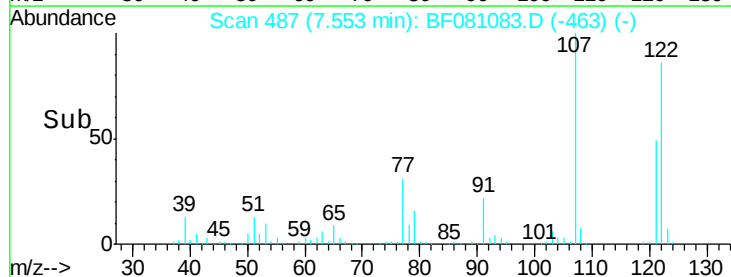
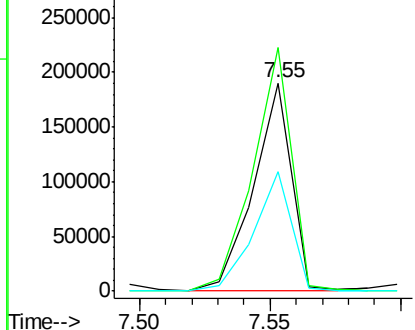


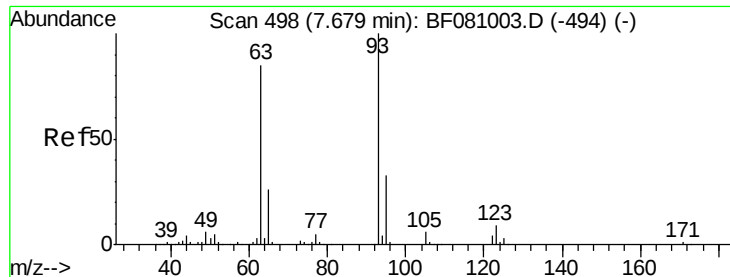
#27
2,4-Dimethylphenol
Concen: 45.17 ng
RT: 7.55 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.9	103.8	155.6
121	57.2	47.0	70.4



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

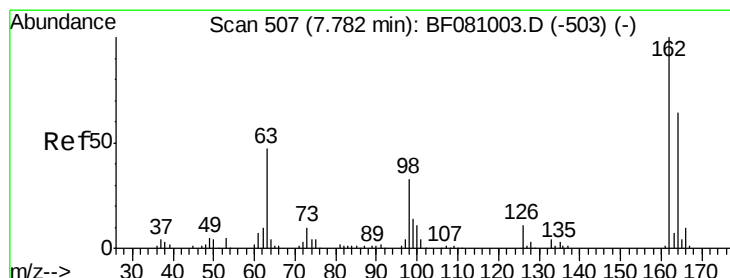
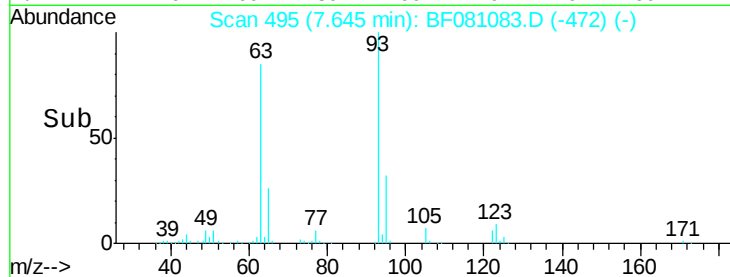
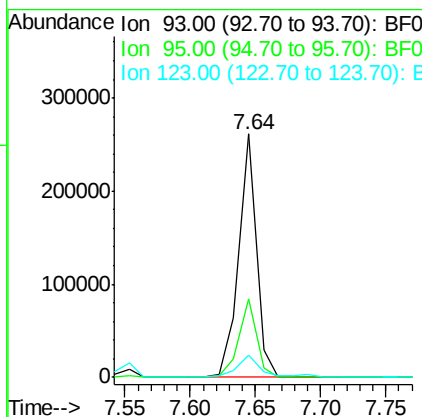
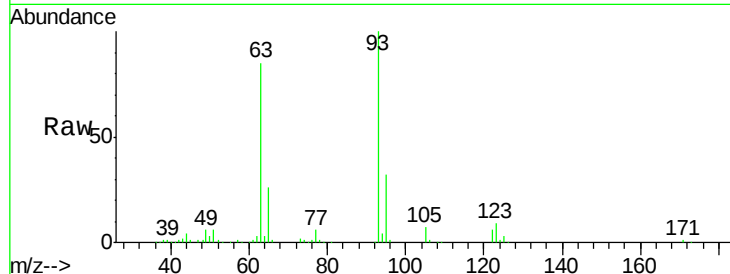




#28
bis(2-Chloroethoxy)methane
Concen: 40.41 ng
RT: 7.64 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

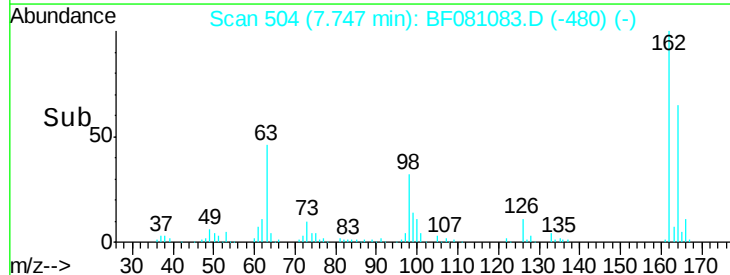
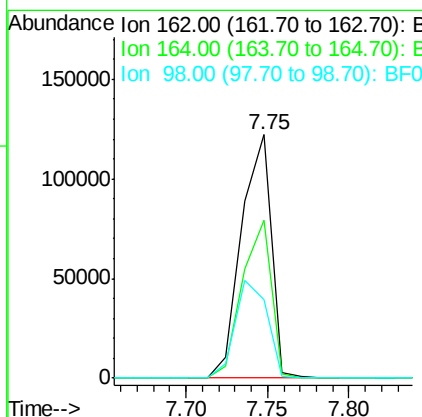
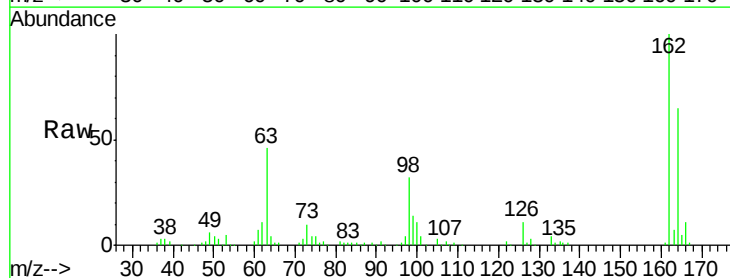
Instrument :
BNA_F
ClientSampleId :

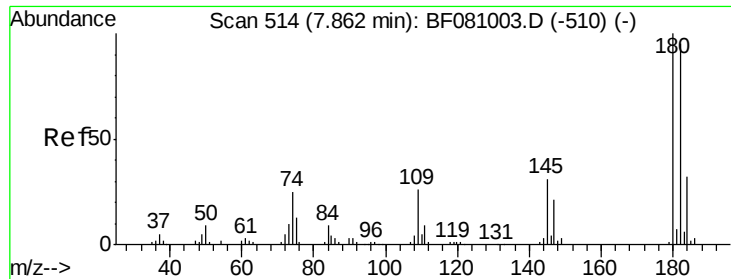
Tot Ion: 93 Resp: 246403
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 9.1 7.4 11.0



#29
2,4-Dichlorophenol
Concen: 43.06 ng
RT: 7.75 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion: 162 Resp: 154354
Ion Ratio Lower Upper
162 100
164 64.6 43.2 83.2
98 32.5 12.3 52.3

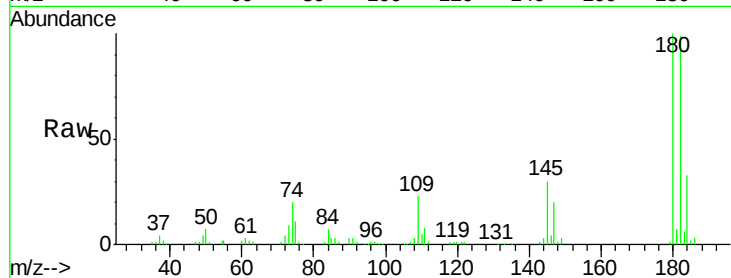




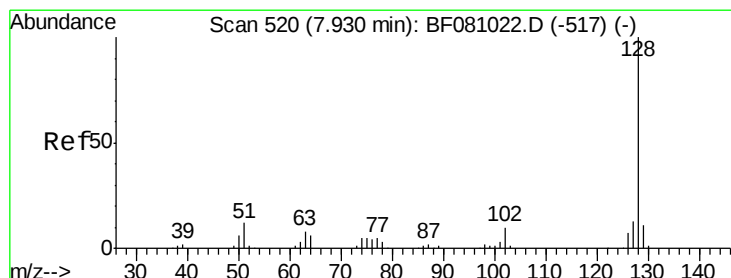
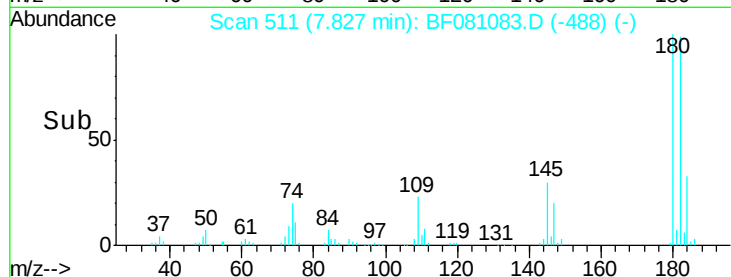
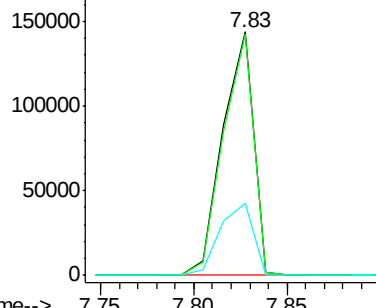
#30
 1,2,4-Trichlorobenzene
 Concen: 41.82 ng
 RT: 7.83 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 166602
 Ion Ratio Lower Upper
 180 100
 182 99.1 76.4 114.6
 145 29.6 25.4 38.2

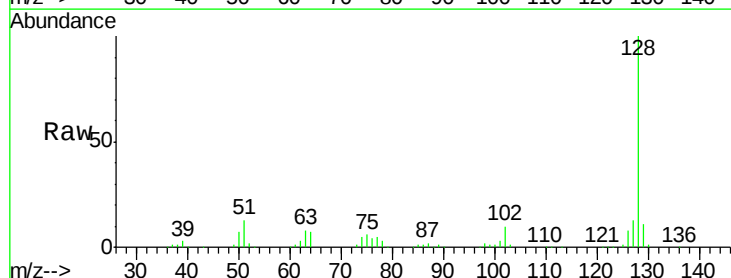


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

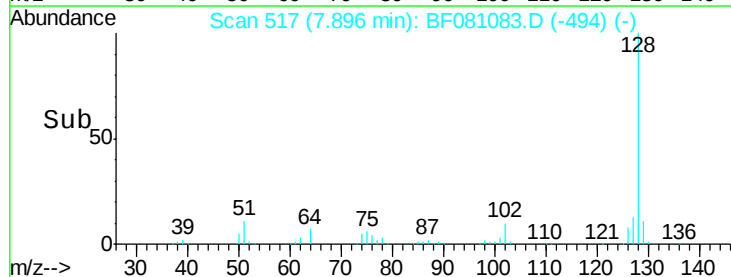
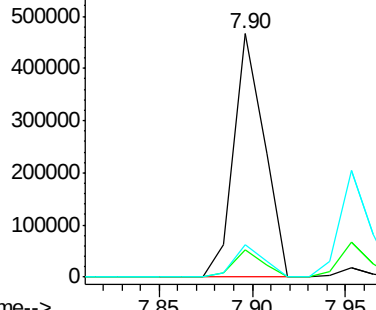


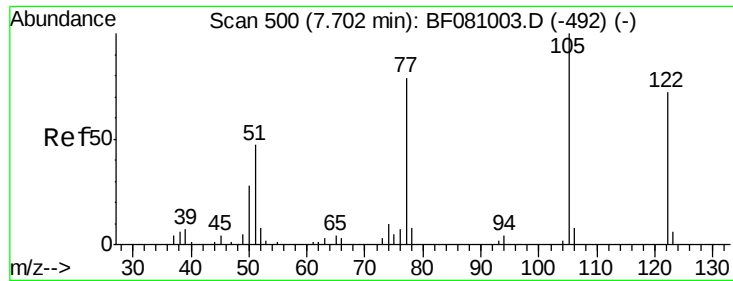
#31
 Naphthalene
 Concen: 37.42 ng
 RT: 7.90 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion:128 Resp: 527367
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.4 12.6
 127 13.3 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

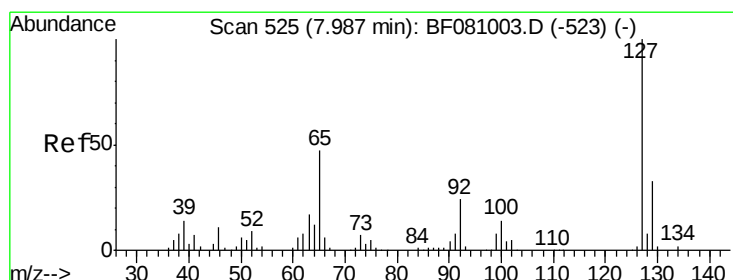
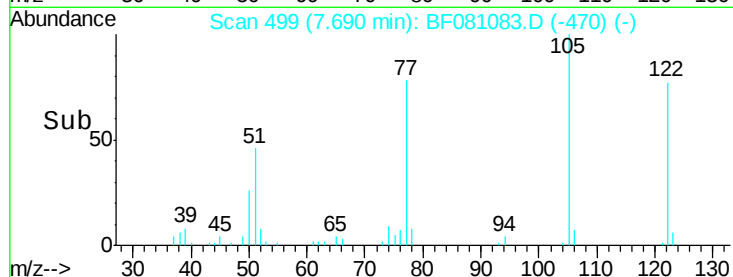
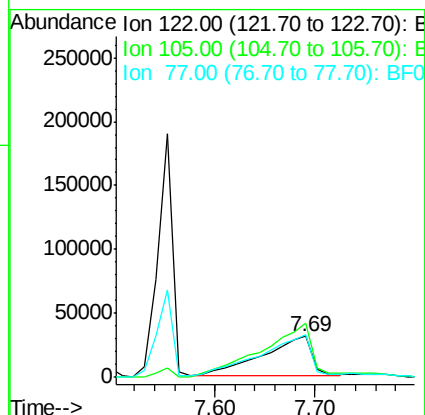
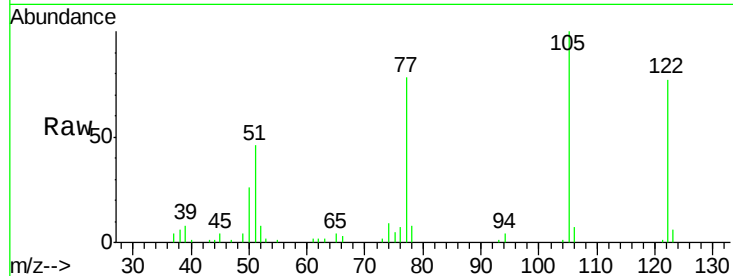




#32
Benzoic acid
Concen: 44.39 ng
RT: 7.69 min Scan# 499
Delta R.T. 0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

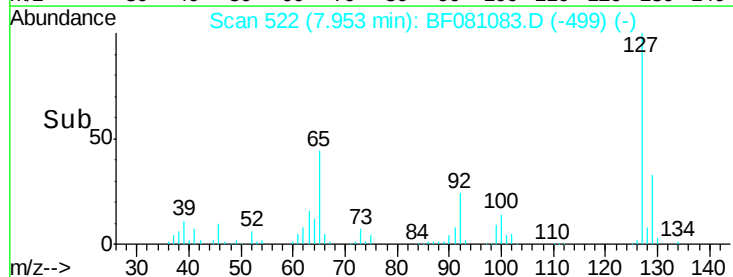
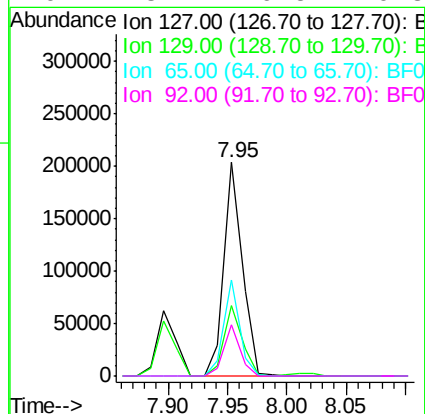
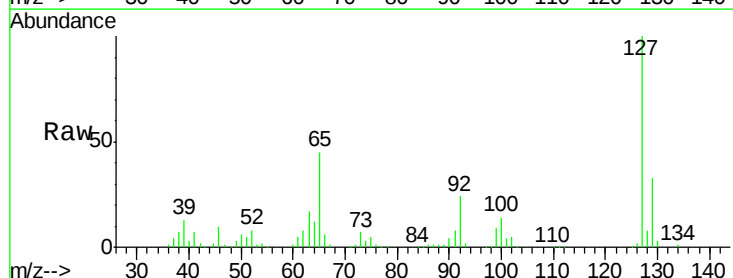
Instrument :
BNA_F
ClientSampled :

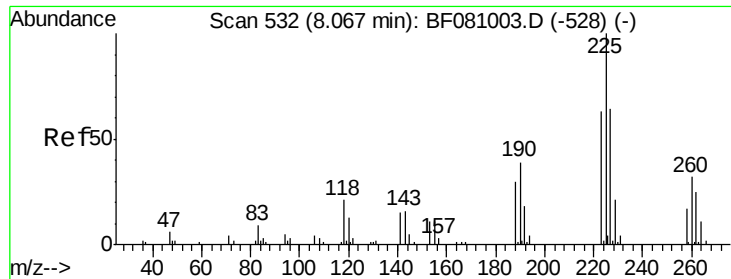
Tot Ion:122 Resp: 106291
Ion Ratio Lower Upper
122 100
105 130.5 113.8 153.8
77 102.0 93.8 133.8



#33
4-Chloroaniline
Concen: 36.79 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion:127 Resp: 218768
Ion Ratio Lower Upper
127 100
129 33.0 25.2 37.8
65 44.9 37.8 56.6
92 23.7 19.5 29.3





#34

Hexachlorobutadiene

Concen: 40.78 ng

RT: 8.02 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :
BNA_F
ClientSampleId :

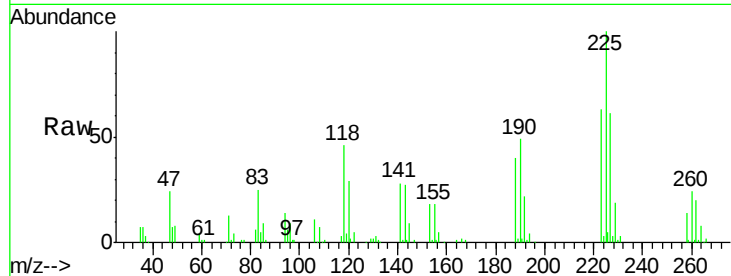
Tot Ion:225 Resp: 91857

Ion Ratio Lower Upper

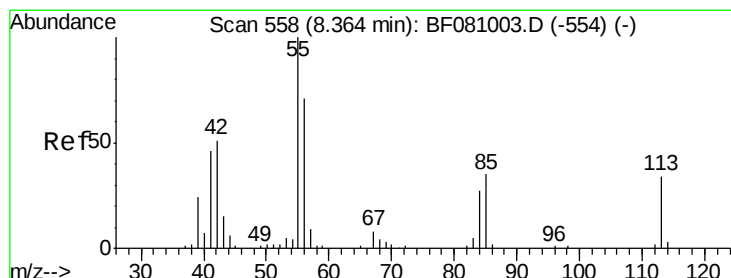
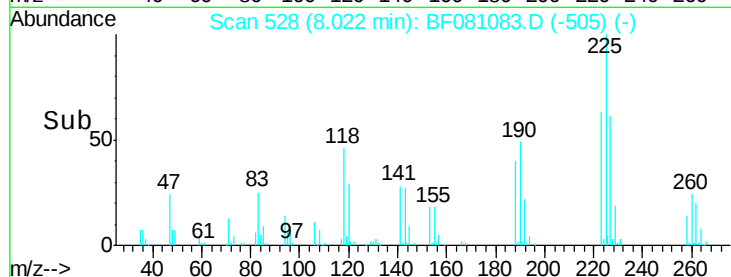
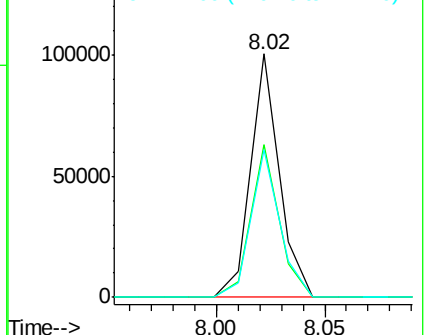
225 100

223 62.9 52.6 79.0

227 60.5 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: 44.78 ng

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

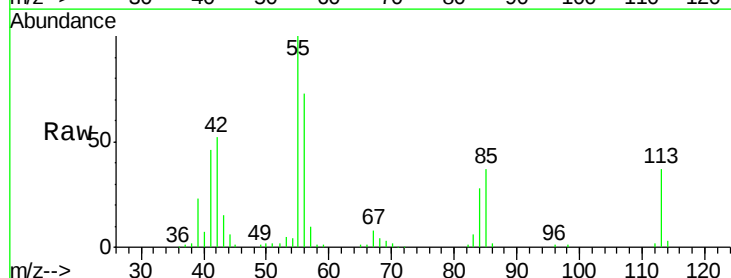
Tgt Ion:113 Resp: 56094

Ion Ratio Lower Upper

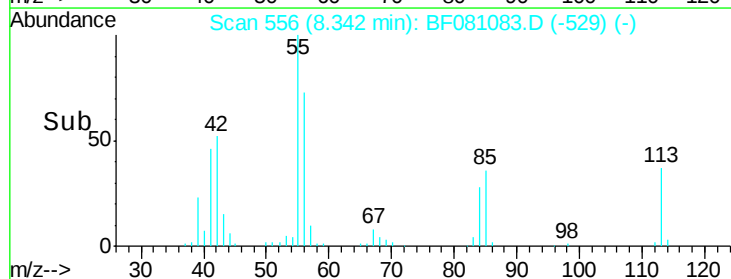
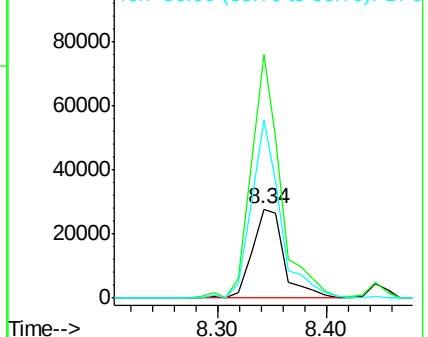
113 100

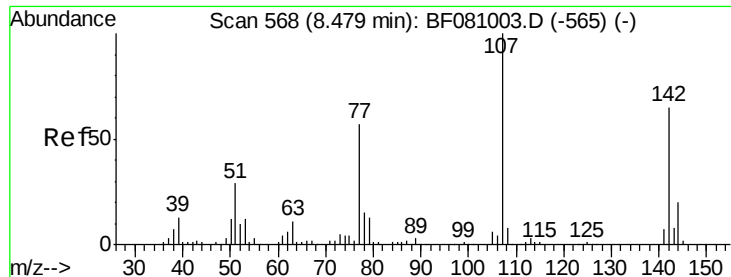
55 273.9 280.4 320.4#

56 201.0 205.9 245.9#



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

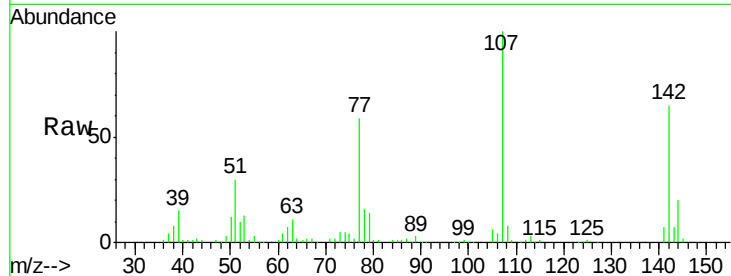




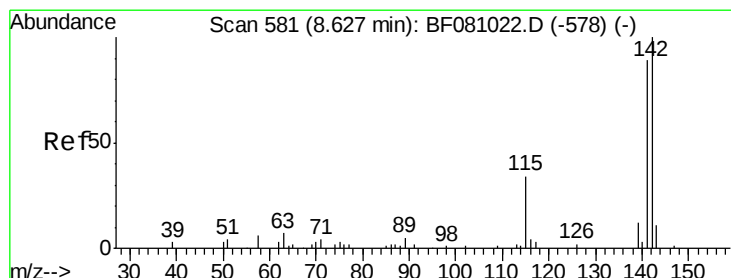
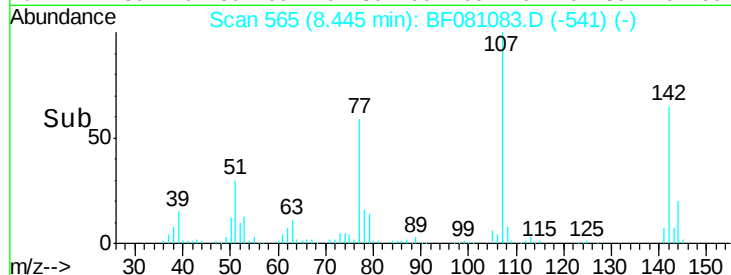
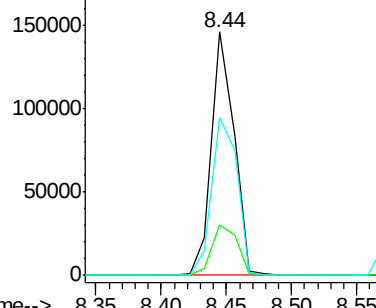
#36
 4-Chloro-3-methylphenol
 Concen: 41.32 ng
 RT: 8.44 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 176520
 Ion Ratio Lower Upper
 107 100
 144 20.5 17.2 25.8
 142 64.9 54.9 82.3

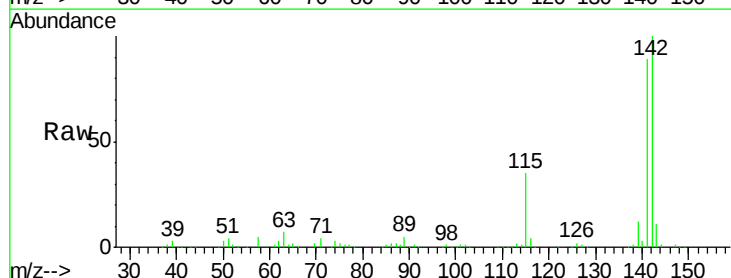


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

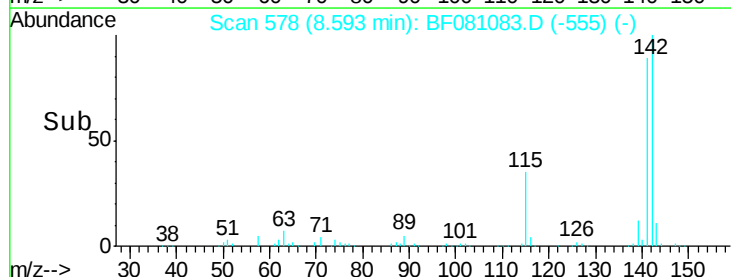
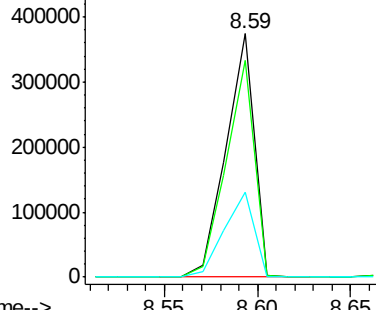


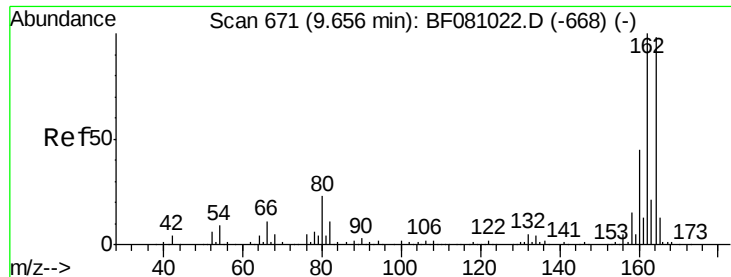
#37
 2-Methylnaphthalene
 Concen: 44.10 ng
 RT: 8.59 min Scan# 578
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion:142 Resp: 392577
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.2
 115 34.9 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: 9.62 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

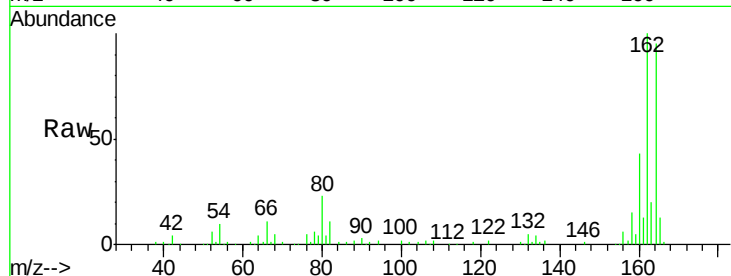
Tot Ion:164 Resp: 118410

Ion Ratio Lower Upper

164 100

162 105.2 83.8 125.8

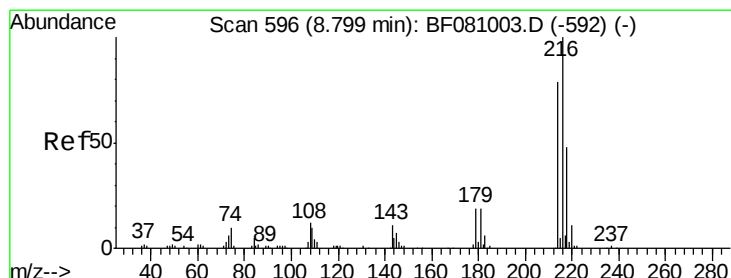
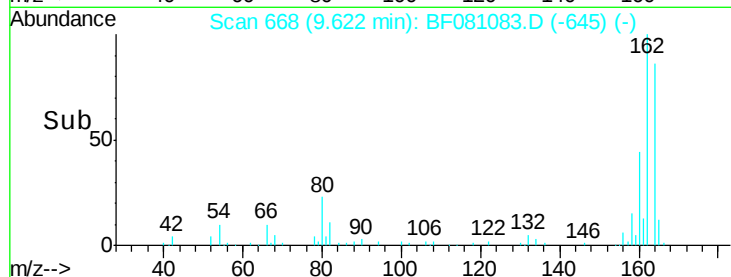
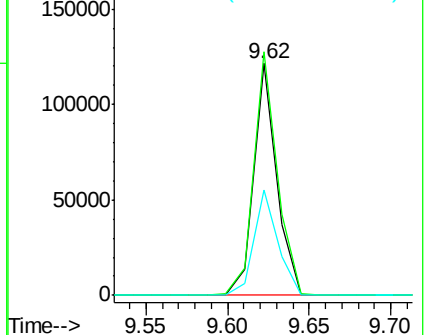
160 45.6 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.42 ng

RT: 8.75 min Scan# 592

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Tgt Ion:216 Resp: 139141

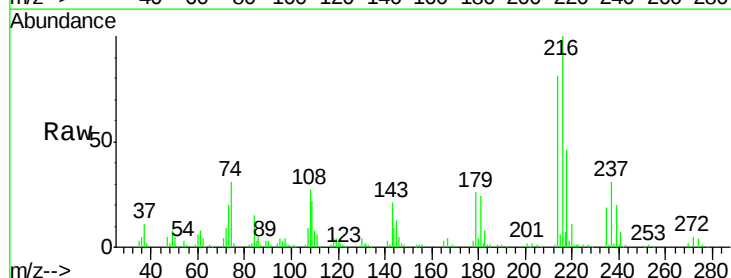
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 22.7 17.8 26.8

108 23.3 16.2 24.2

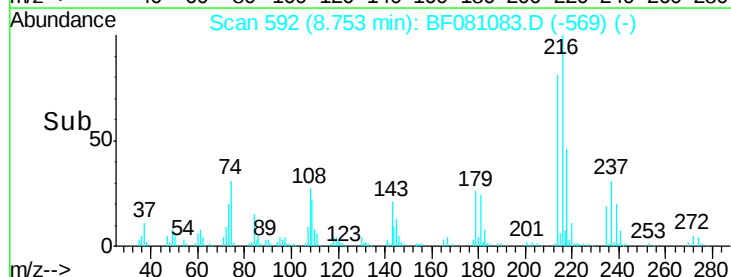
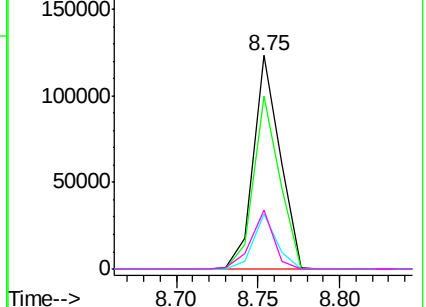


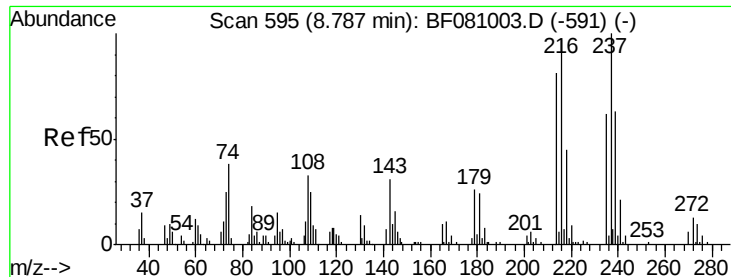
Abundance Ion 216.00 (215.70 to 216.70): E

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

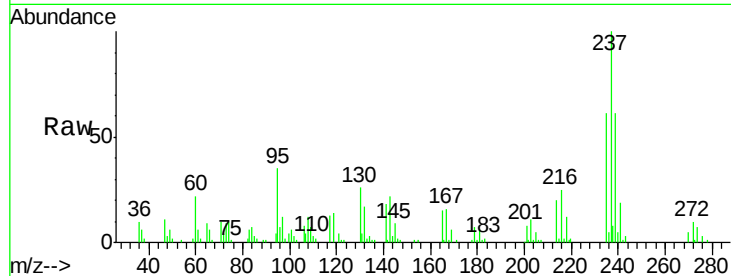




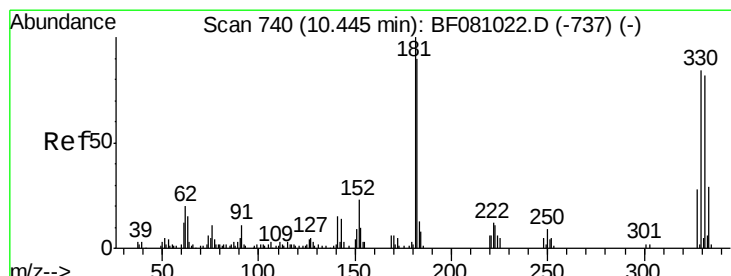
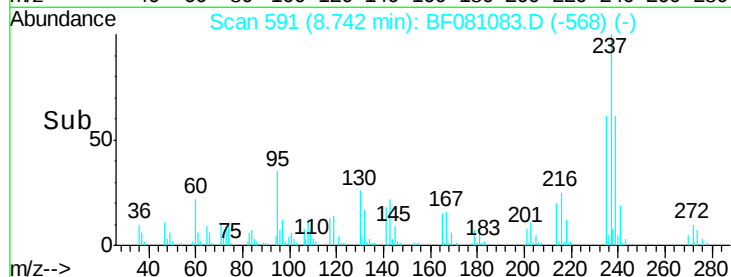
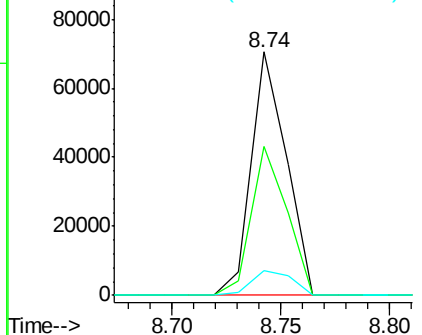
#40
Hexachlorocyclopentadiene
Concen: 39.99 ng
RT: 8.74 min Scan# 591
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 79083
Ion Ratio Lower Upper
237 100
235 60.9 43.6 83.6
272 10.0 0.0 32.2

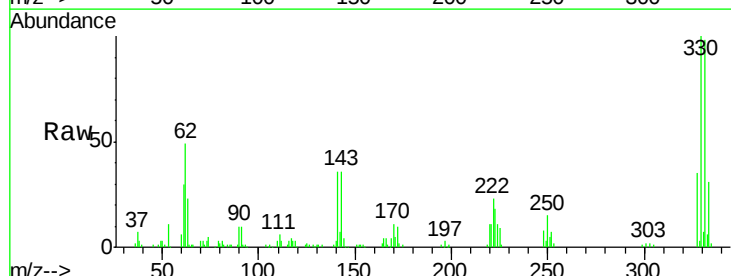


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

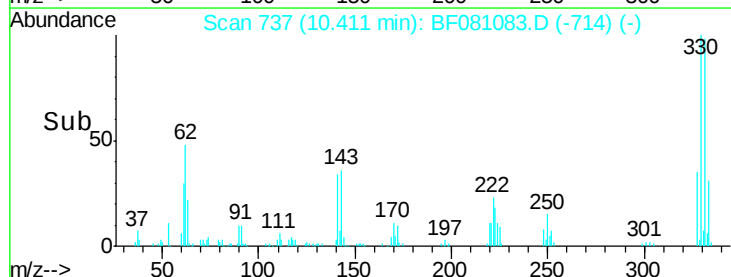
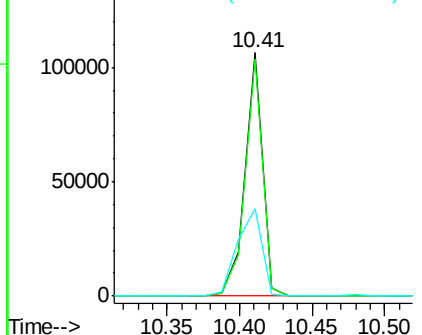


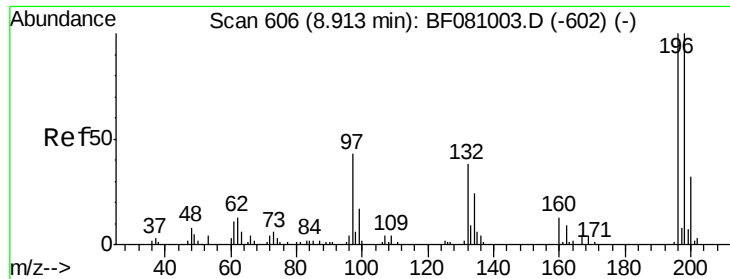
#41
2,4,6-Tribromophenol
Concen: 87.93 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion:330 Resp: 90255
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 49.2 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

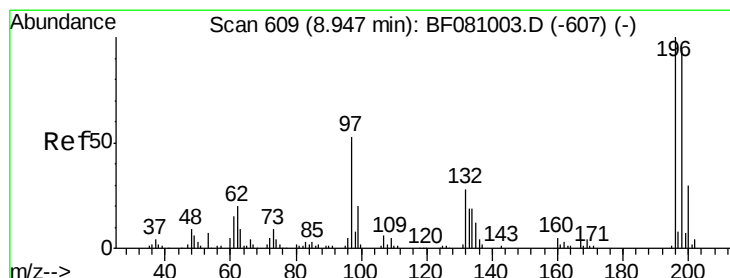
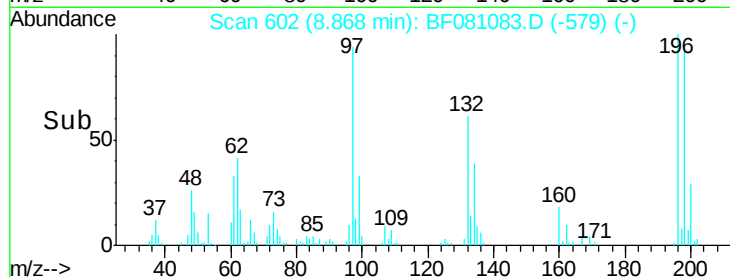
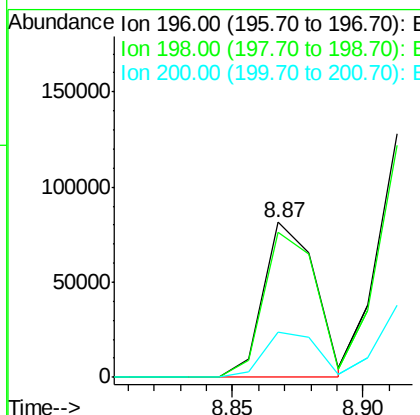
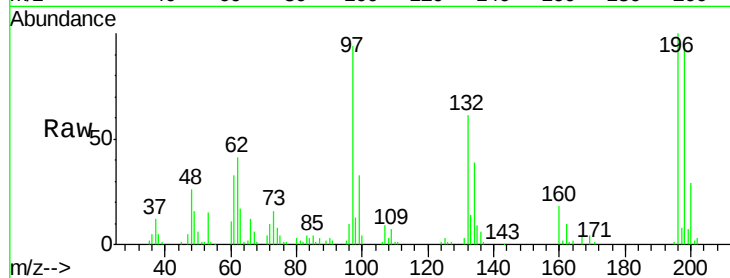




#42
 2,4,6-Trichlorophenol
 Concen: 40.94 ng
 RT: 8.87 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

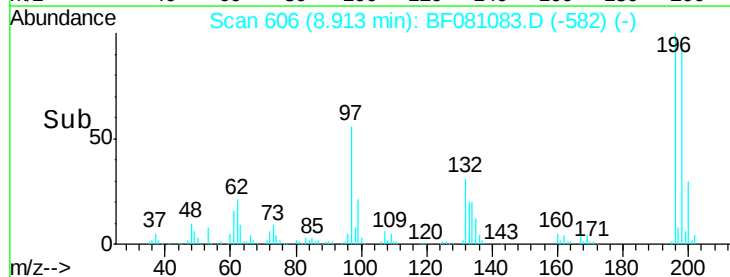
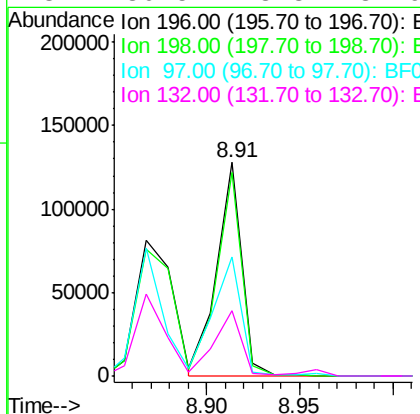
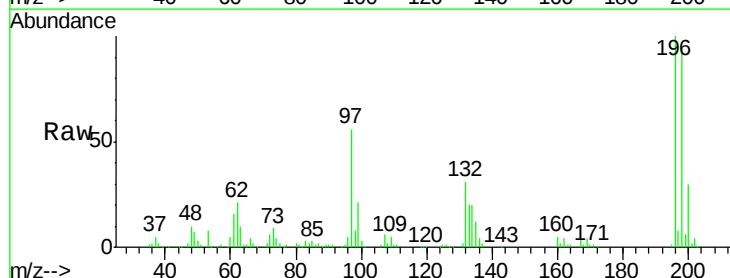
Instrument :
 BNA_F
 ClientSampleId :

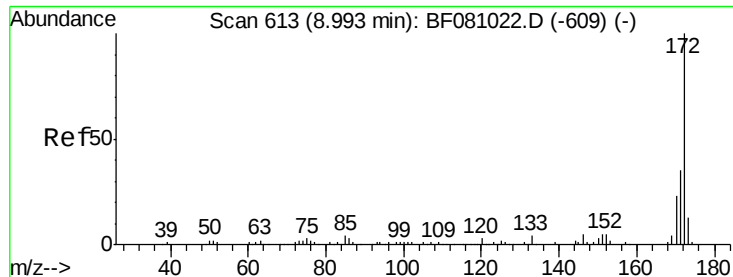
Tot Ion:196 Resp: 110483
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.6 111.8
 200 29.2 22.7 34.1



#43
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 8.91 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion:196 Resp: 119816
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.3 117.5
 97 55.5 42.7 64.1
 132 30.5 23.3 34.9

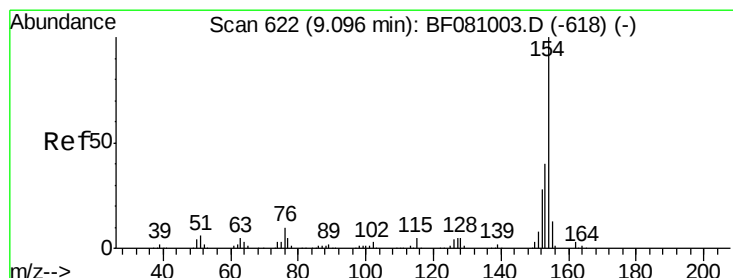
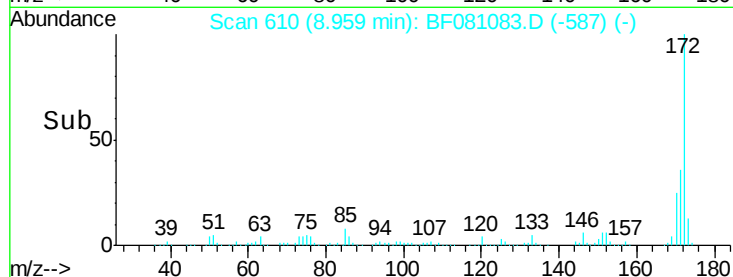
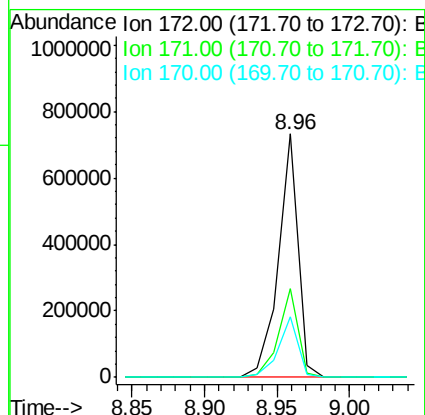
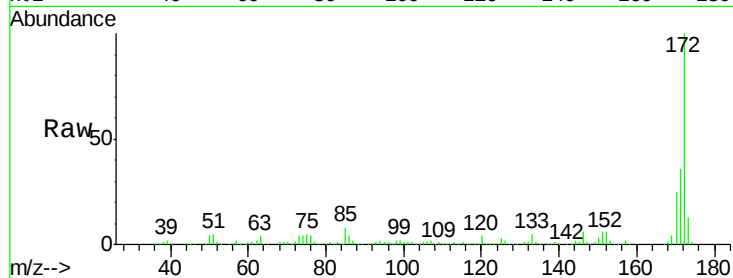




#44
 2-Fluorobiphenyl
 Concen: 76.26 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

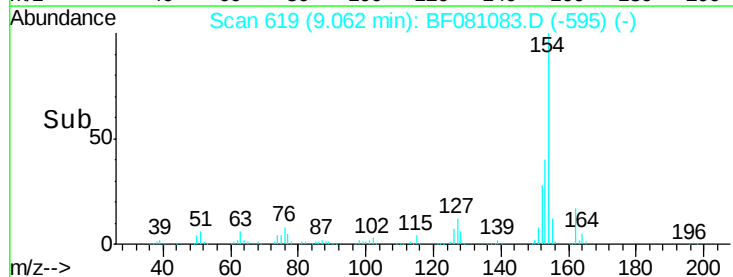
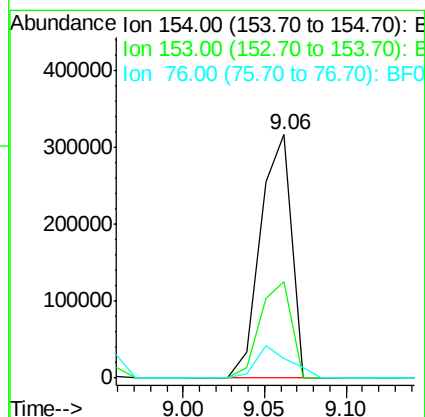
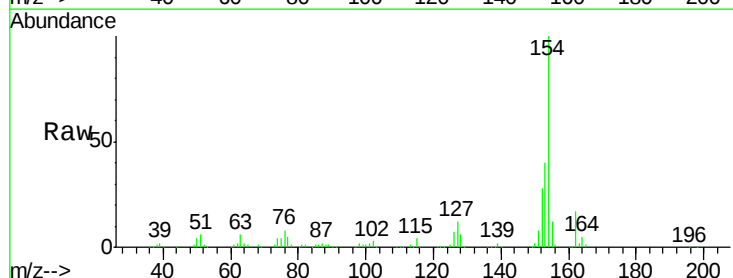
Instrument :
 BNA_F
 ClientSampled :

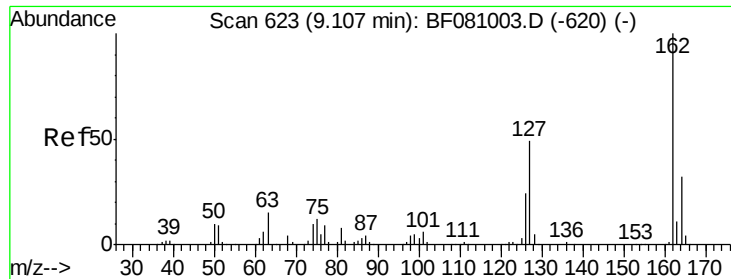
Tot Ion:172 Resp: 689170
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.7 19.4 29.2



#45
 1,1'-Biphenyl
 Concen: 40.00 ng
 RT: 9.06 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion:154 Resp: 417200
 Ion Ratio Lower Upper
 154 100
 153 39.6 19.5 59.5
 76 8.2 0.0 29.3

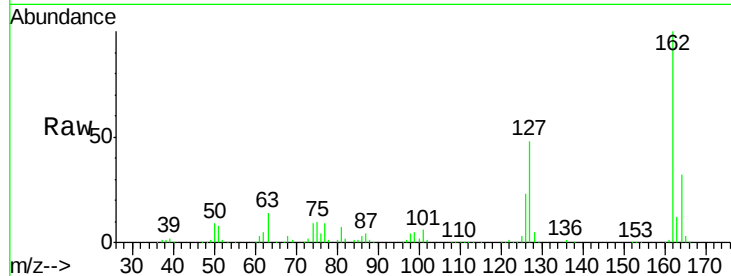




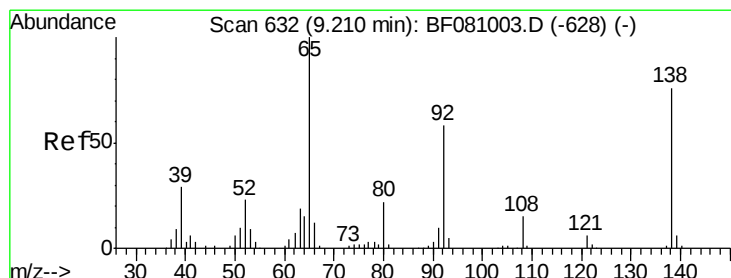
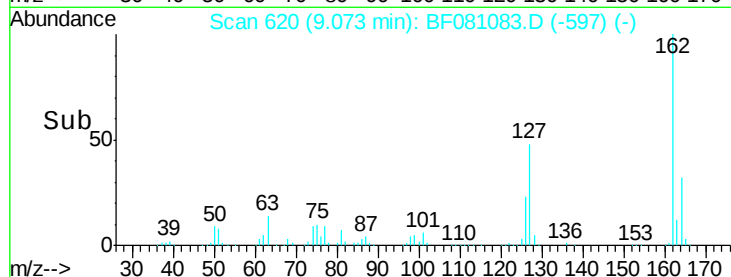
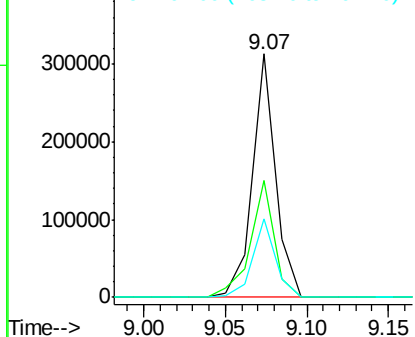
#46
 2-Chloronaphthalene
 Concen: 36.70 ng
 RT: 9.07 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 307537
 Ion Ratio Lower Upper
 162 100
 127 47.9 31.3 46.9#
 164 32.5 26.3 39.5

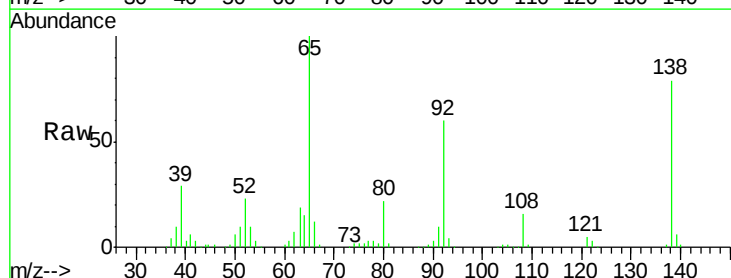


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

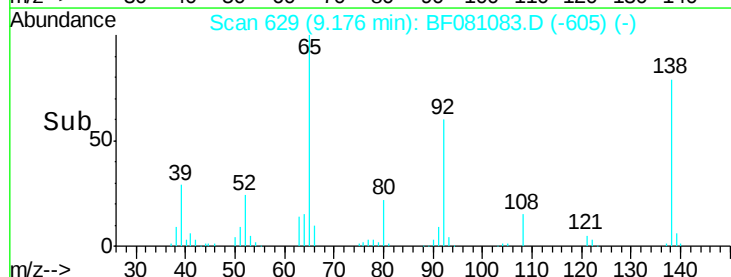
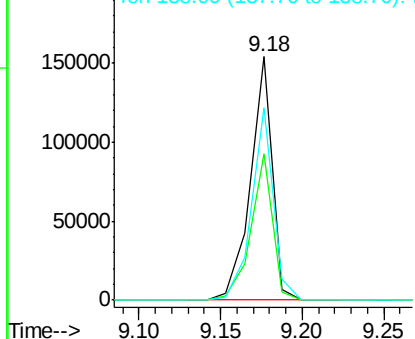


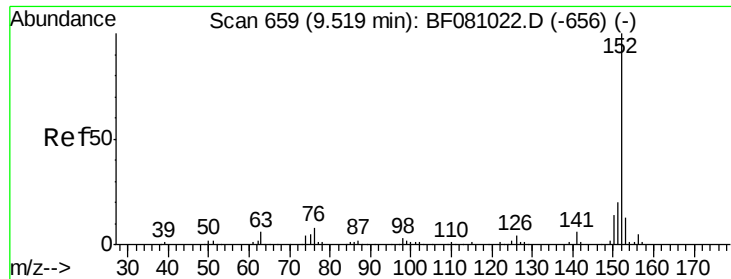
#47
 2-Nitroaniline
 Concen: 41.68 ng
 RT: 9.18 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion: 65 Resp: 142910
 Ion Ratio Lower Upper
 65 100
 92 60.1 45.6 68.4
 138 79.0 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: 35.19 ng

RT: 9.48 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

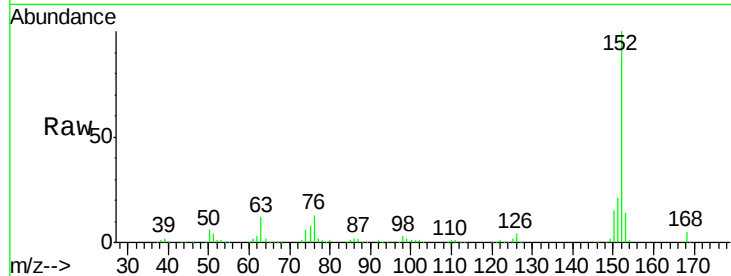
Tot Ion:152 Resp: 527411

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

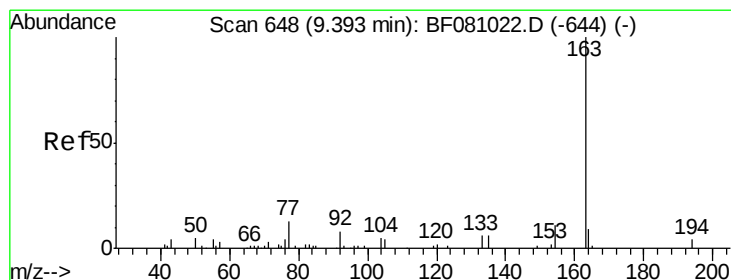
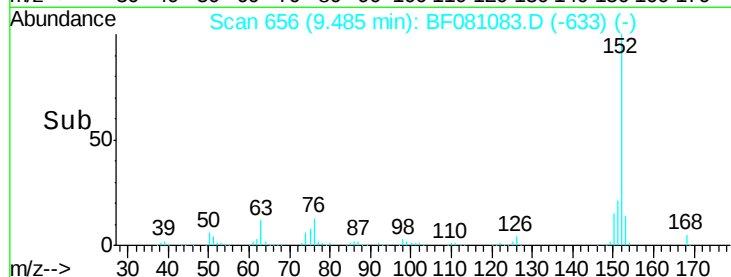
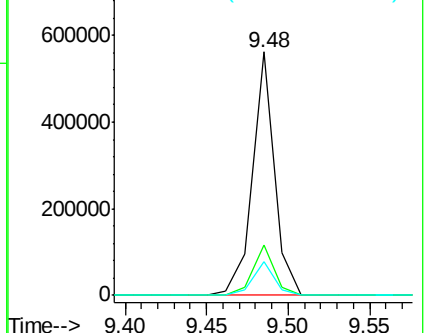
153 13.7 9.8 14.6



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: 41.62 ng

RT: 9.37 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

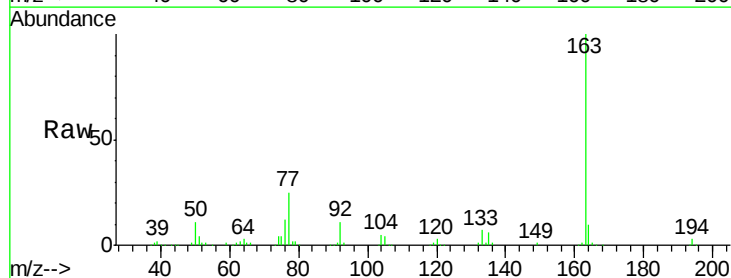
Tgt Ion:163 Resp: 405843

Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

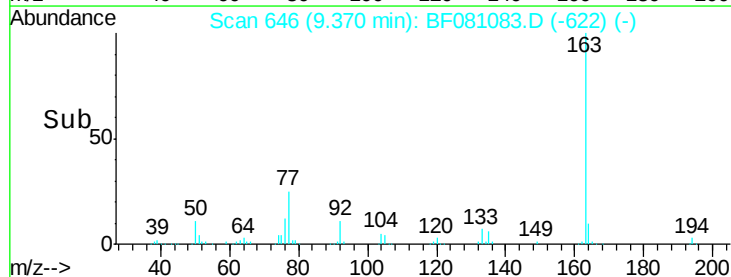
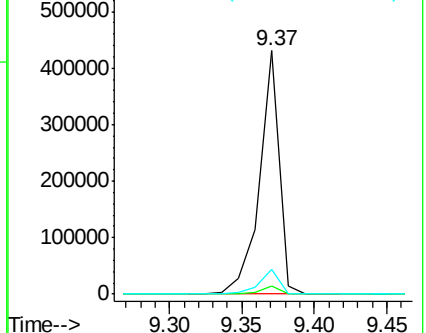
164 10.4 8.1 12.1

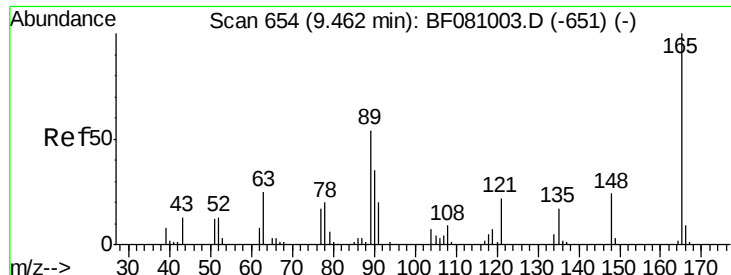


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

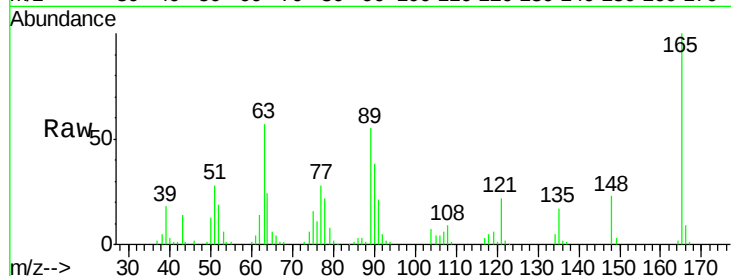




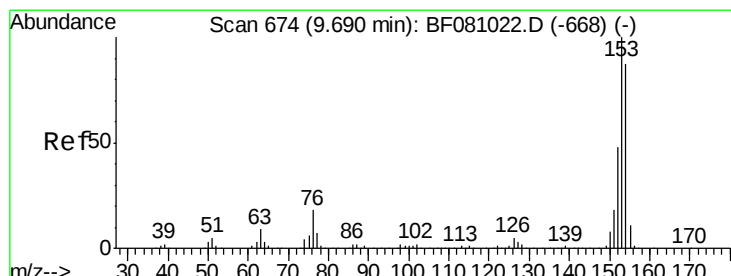
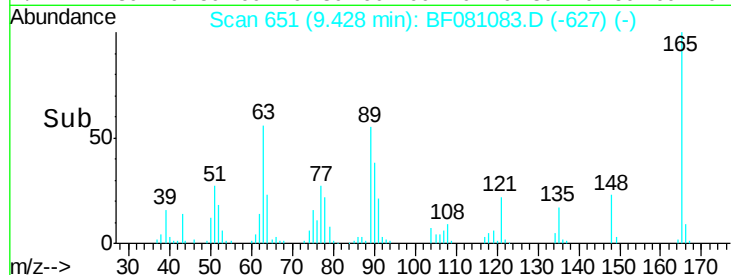
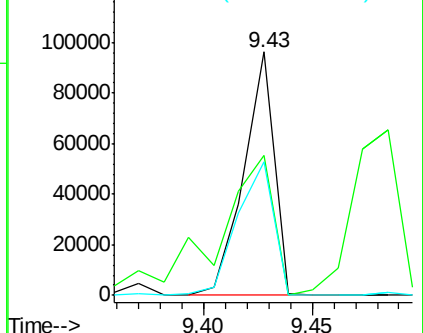
#50
 2,6-Dinitrotoluene
 Concen: 44.76 ng
 RT: 9.43 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 93715
 Ion Ratio Lower Upper
 165 100
 63 57.3 49.5 74.3
 89 54.6 47.6 71.4

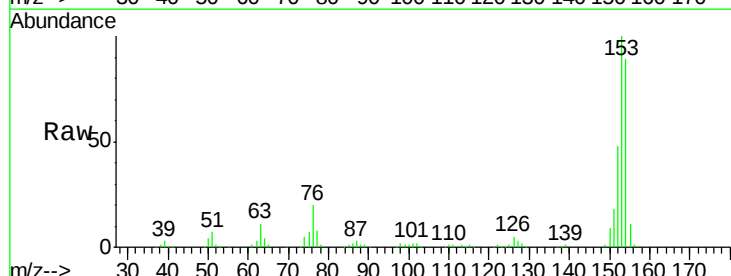


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

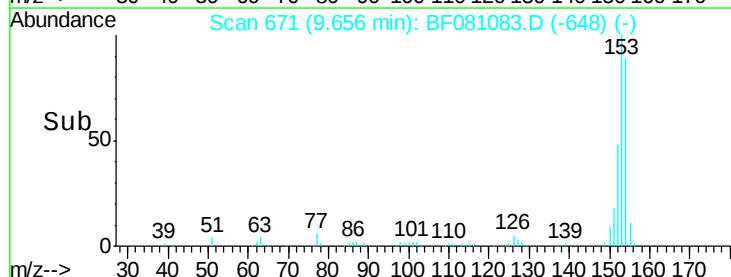
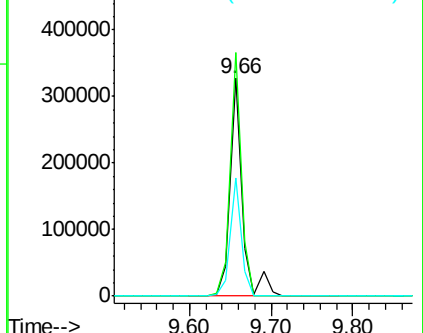


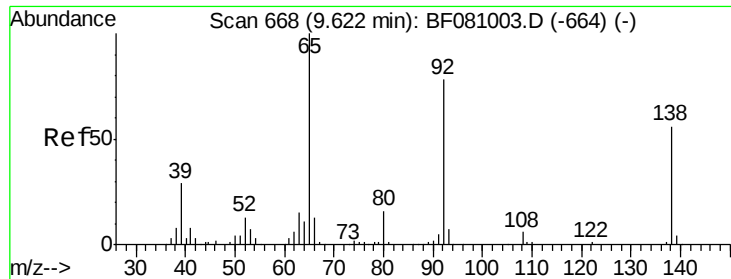
#51
 Acenaphthene
 Concen: 37.87 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion:154 Resp: 339799
 Ion Ratio Lower Upper
 154 100
 153 111.7 91.4 137.2
 152 54.0 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 37.52 ng

RT: 9.59 min Scan# 665

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampled :

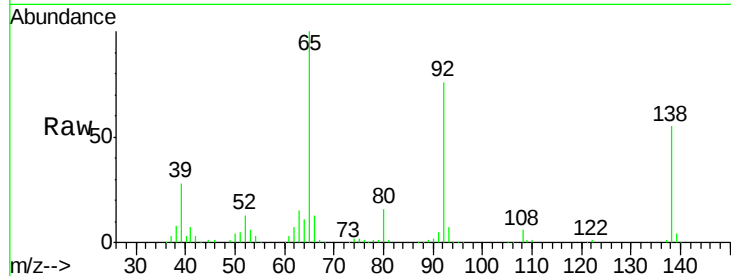
Tot Ion:138 Resp: 98314

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.2

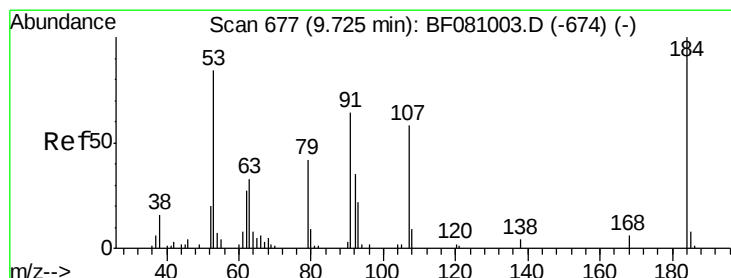
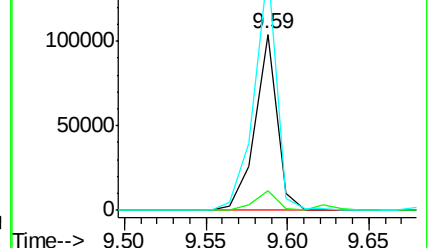
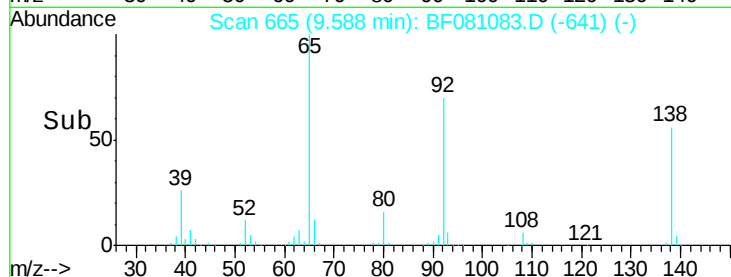
92 138.1 113.2 169.8



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: 44.39 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

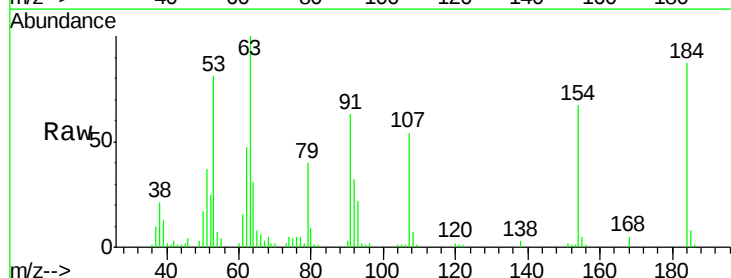
Tgt Ion:184 Resp: 45946

Ion Ratio Lower Upper

184 100

63 114.9 101.7 152.5

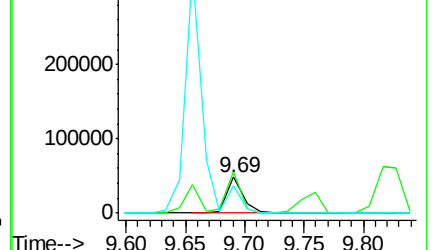
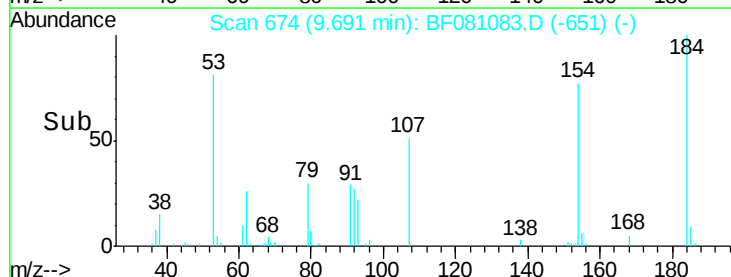
154 76.6 67.4 101.0

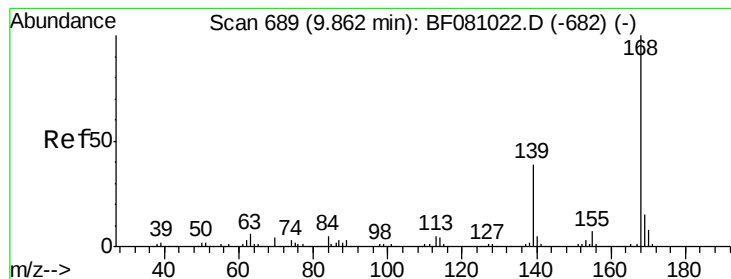


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 36.87 ng

RT: 9.83 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

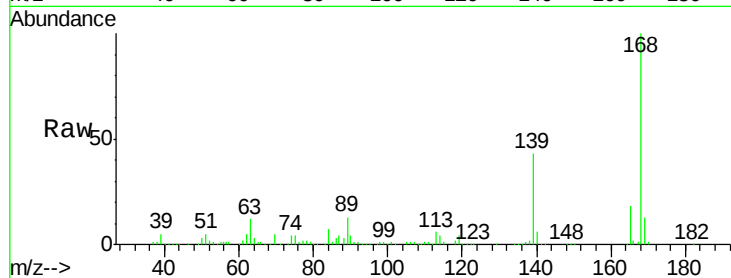
Tot Ion:168 Resp: 443398

Ion Ratio Lower Upper

168 100

139 42.7 29.3 43.9

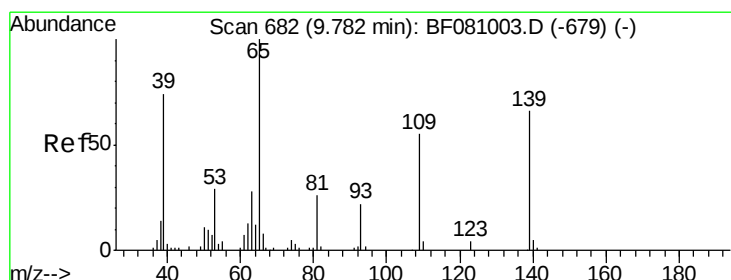
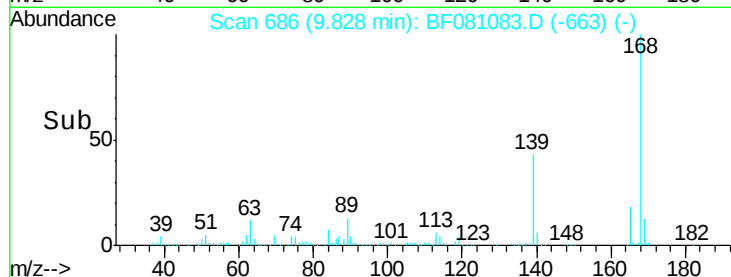
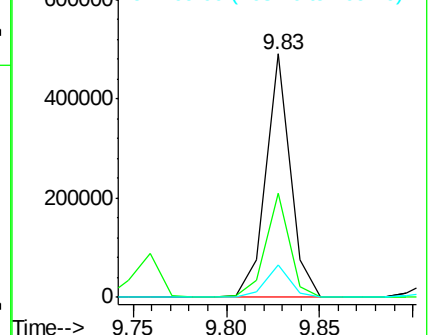
169 13.3 10.3 15.5



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: 48.47 ng

RT: 9.76 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

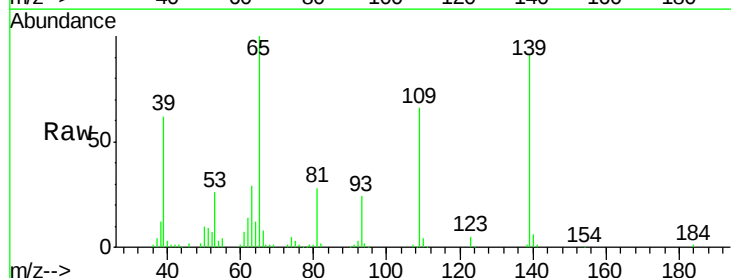
Tgt Ion:139 Resp: 89194

Ion Ratio Lower Upper

139 100

109 72.5 80.0 120.0#

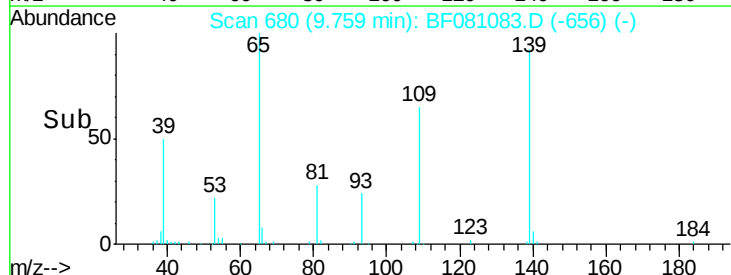
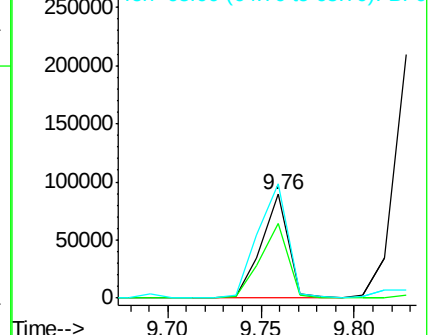
65 110.0 138.3 178.3#

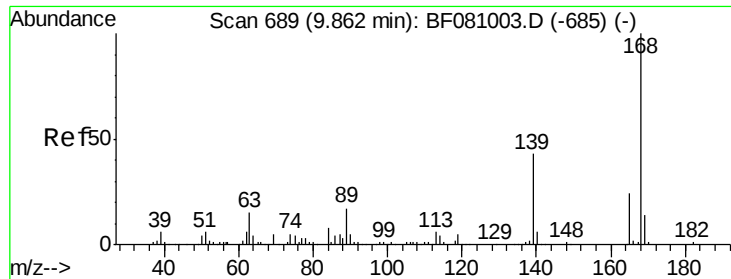


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

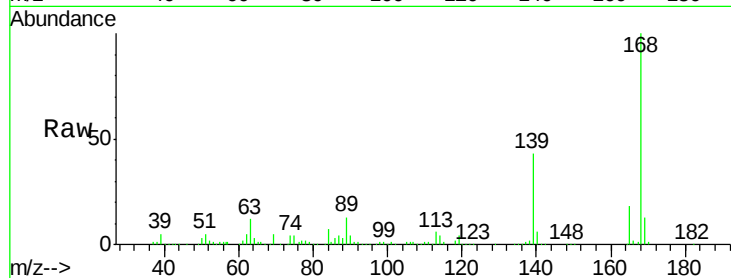




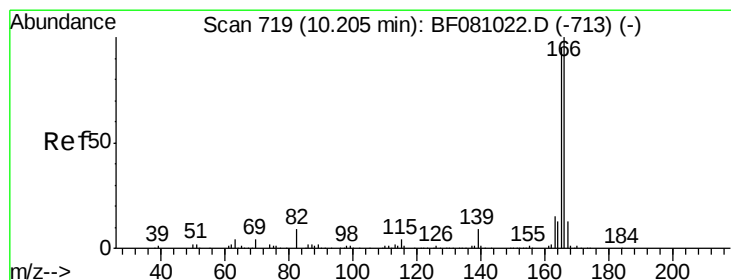
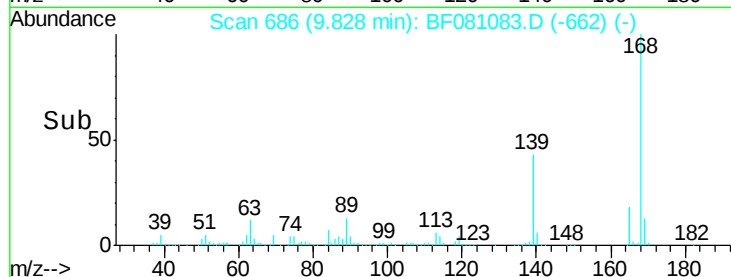
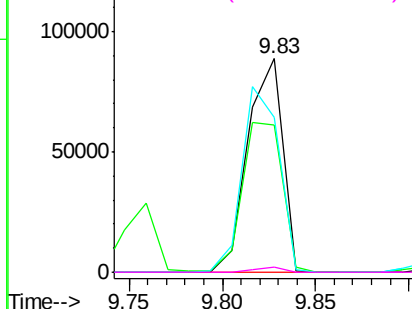
#56
2,4-Dinitrotoluene
Concen: 41.17 ng
RT: 9.83 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 114260
Ion Ratio Lower Upper
165 100
63 69.1 52.2 78.4
89 72.3 60.1 90.1
182 2.2 1.8 2.6

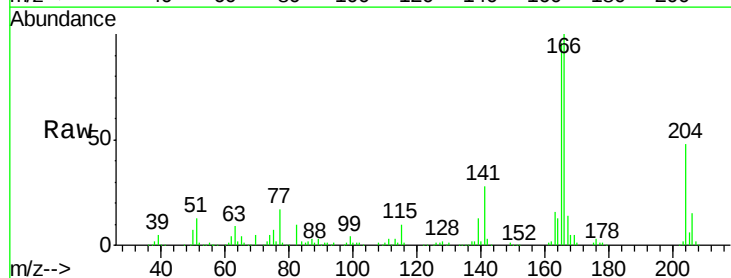


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

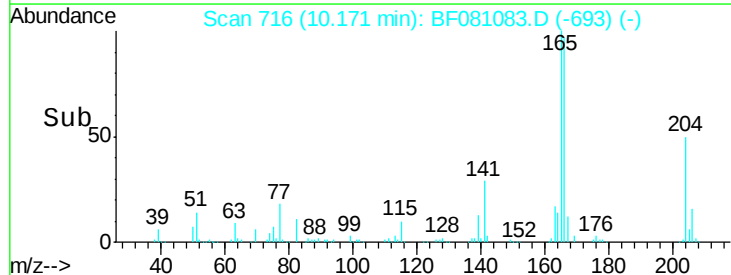
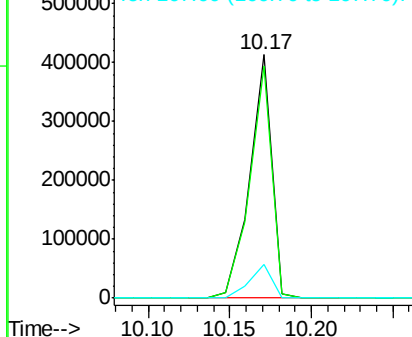


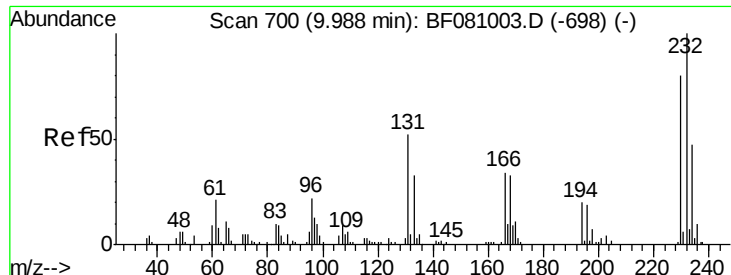
#57
Fluorene
Concen: 41.89 ng
RT: 10.17 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion:166 Resp: 387465
Ion Ratio Lower Upper
166 100
165 95.6 75.8 113.8
167 13.8 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

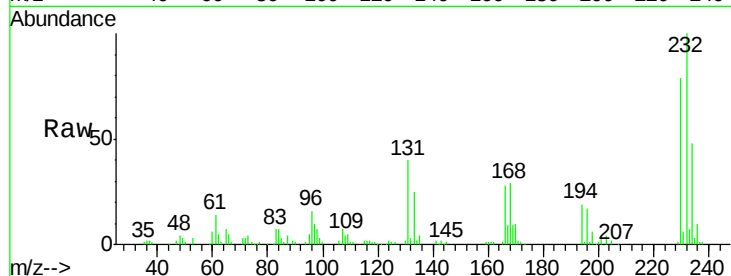




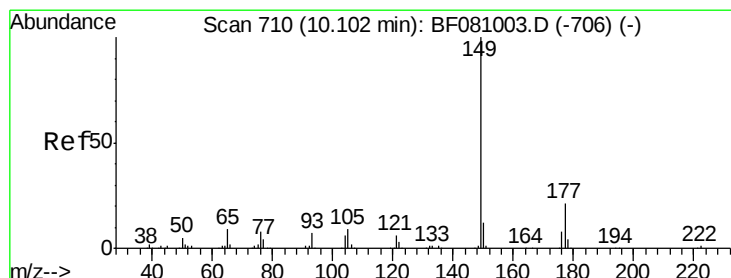
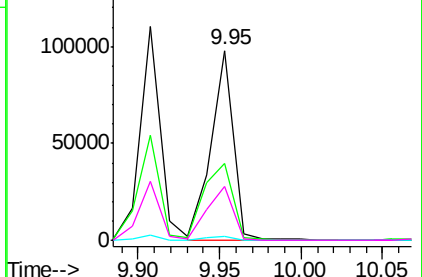
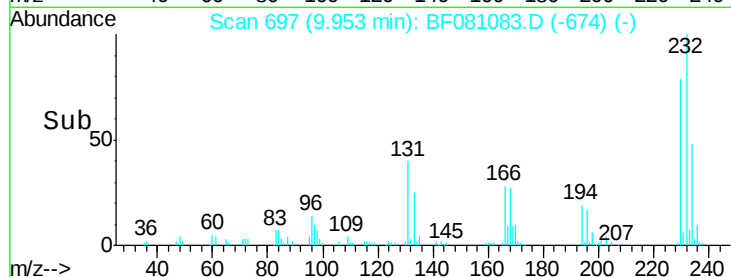
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.94 ng
 RT: 9.95 min Scan# 697
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 93823
 Ion Ratio Lower Upper
 232 100
 131 51.6 42.2 63.4
 130 2.8 2.1 3.1
 166 32.3 22.4 33.6

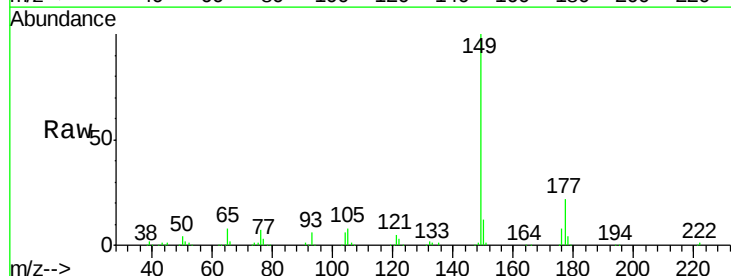


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

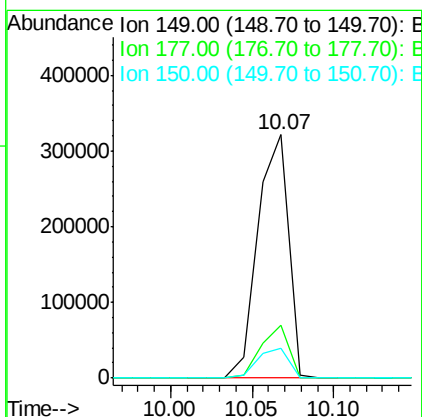
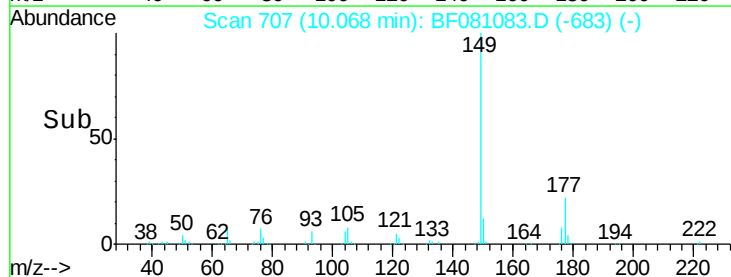


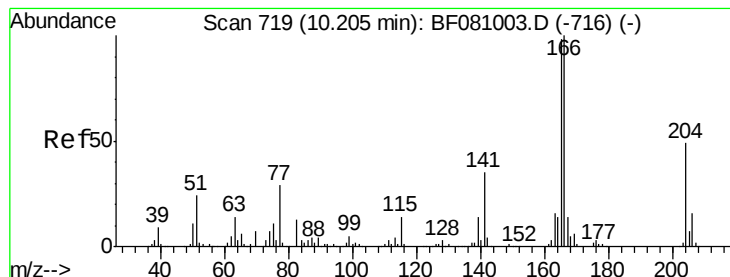
#59
 Diethylphthalate
 Concen: 40.79 ng
 RT: 10.07 min Scan# 707
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion:149 Resp: 421052
 Ion Ratio Lower Upper
 149 100
 177 21.9 14.1 21.1#
 150 12.2 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: 46.02 ng

RT: 10.17 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

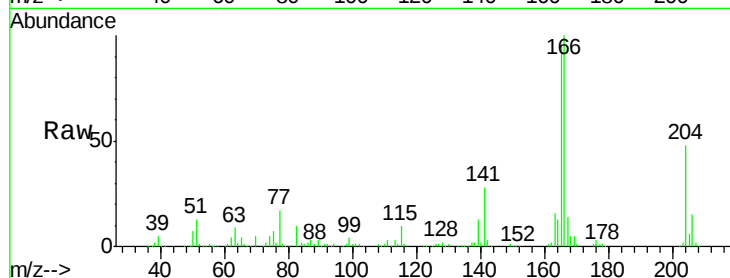
Tot Ion:204 Resp: 180131

Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

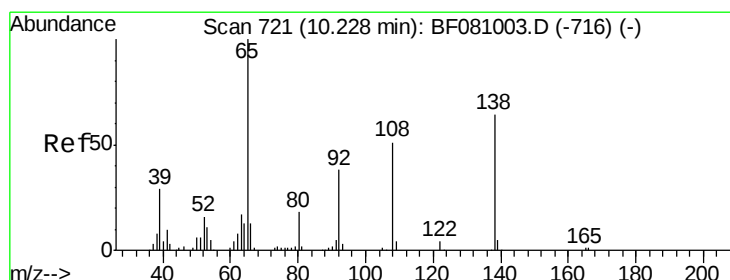
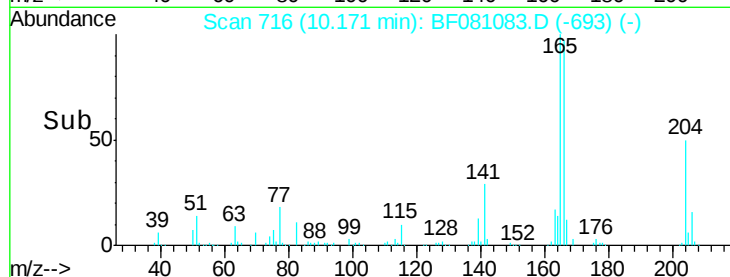
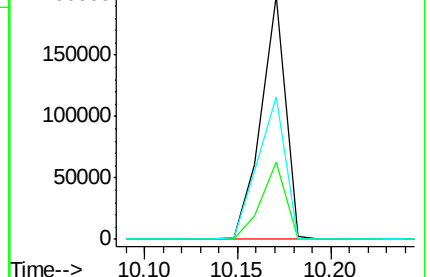
141 58.7 59.6 89.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 43.80 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

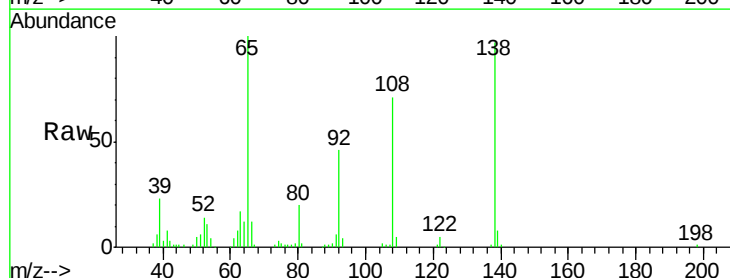
Tgt Ion:138 Resp: 117299

Ion Ratio Lower Upper

138 100

92 47.5 34.7 74.7

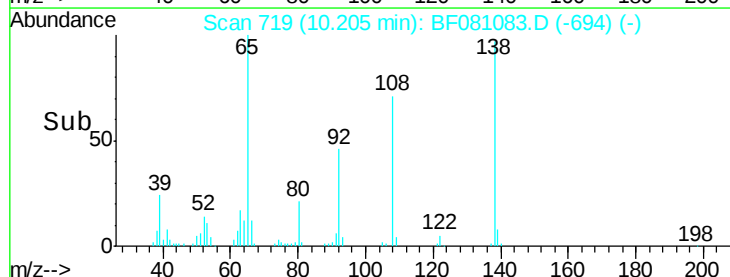
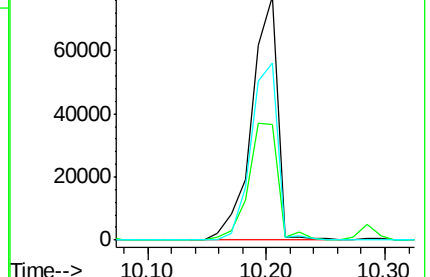
108 72.9 68.9 108.9

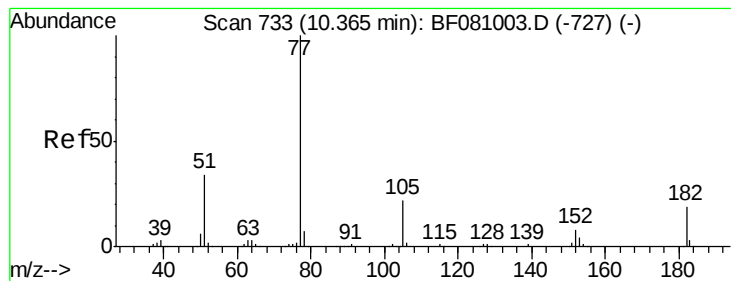


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 41.02 ng

RT: 10.33 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 487950

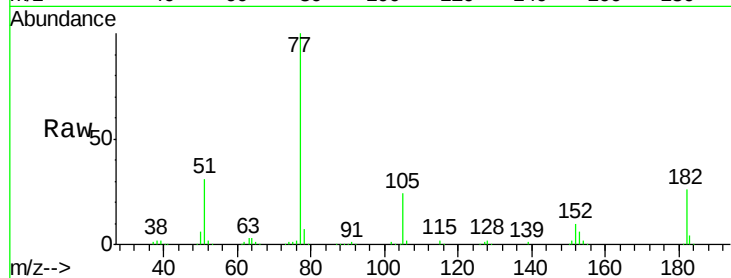
Ion Ratio Lower Upper

77 100

182 26.2 0.0 39.0

105 24.3 0.2 40.2

51 31.1 18.0 58.0

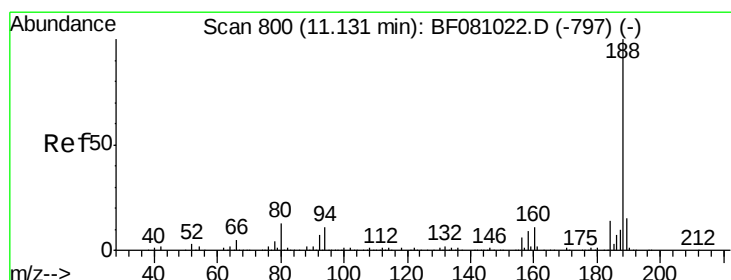
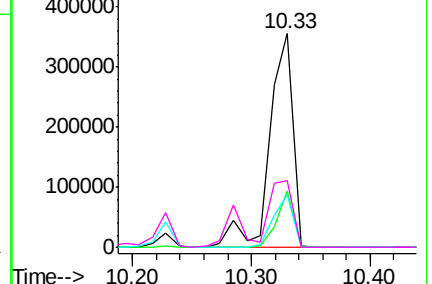
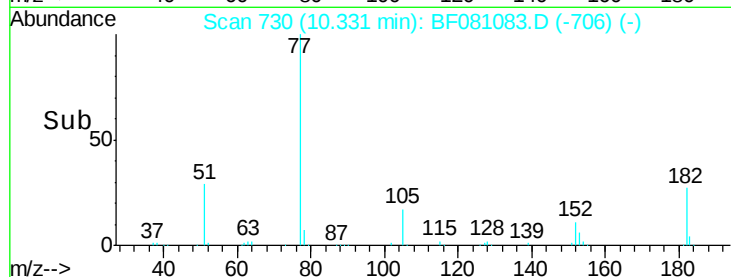


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

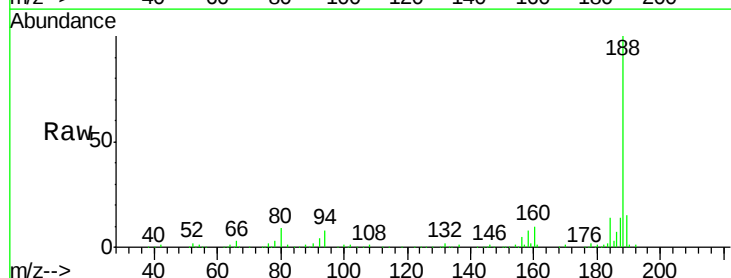
Tgt Ion: 188 Resp: 244830

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

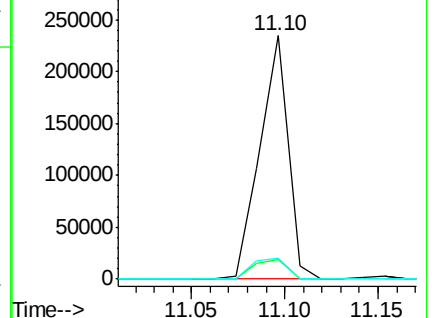
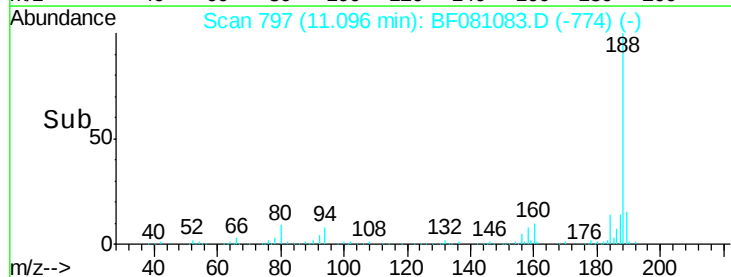
80 8.6 9.5 14.3#

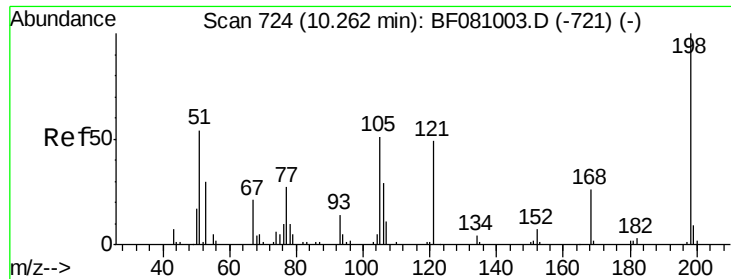


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

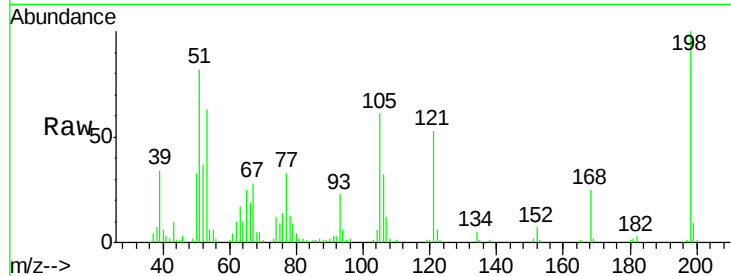




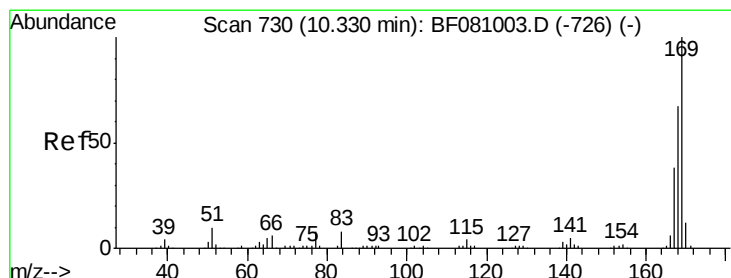
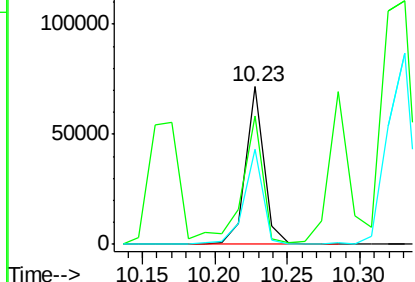
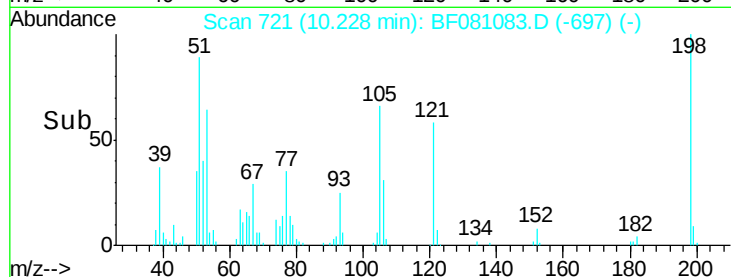
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.73 ng
 RT: 10.23 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 62477
 Ion Ratio Lower Upper
 198 100
 51 81.6 79.7 119.7
 105 60.6 47.0 87.0

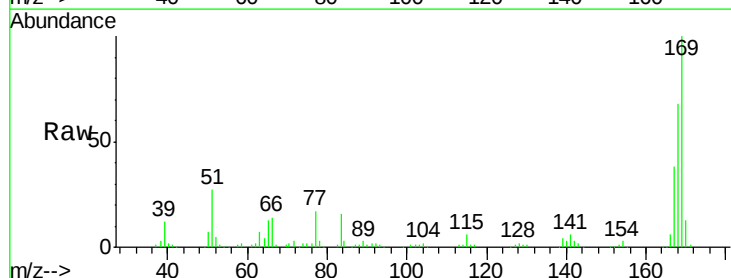


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

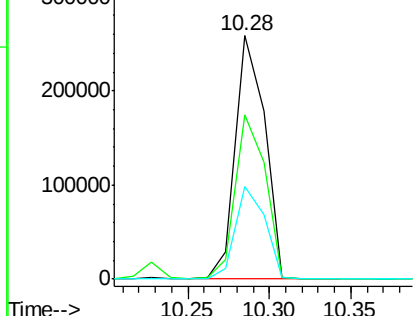
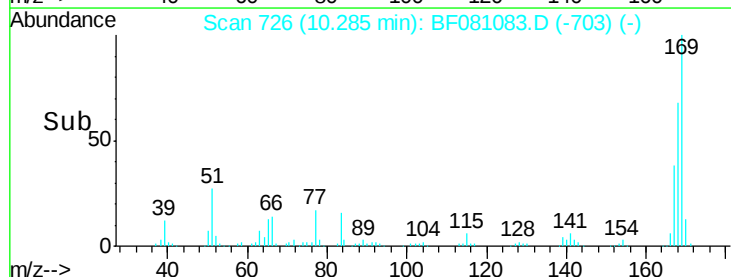


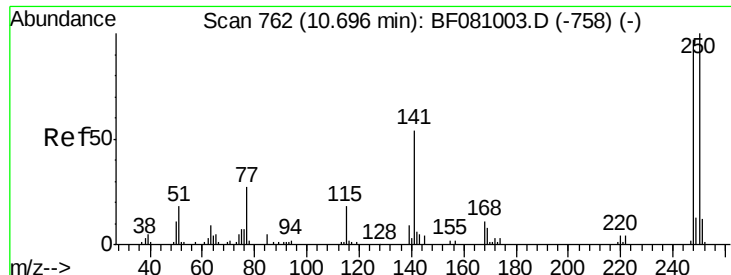
#65
 n-Nitrosodiphenylamine
 Concen: 36.88 ng
 RT: 10.28 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion:169 Resp: 322305
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.3 82.9
 167 38.0 30.8 46.2



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

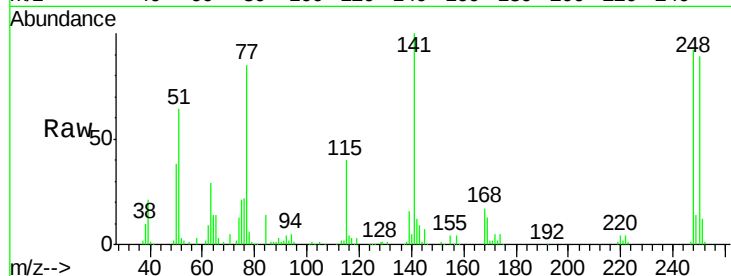




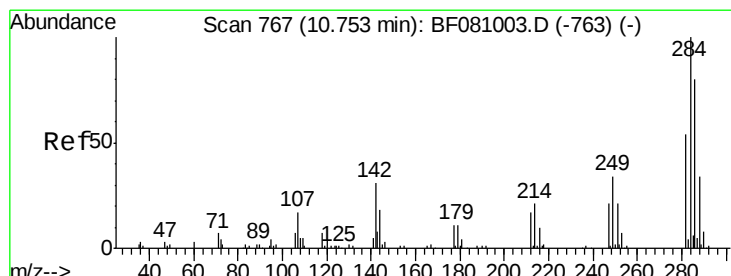
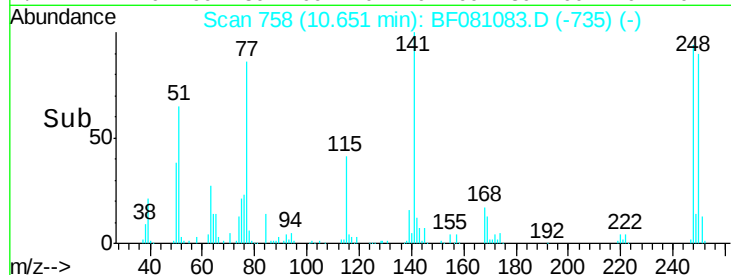
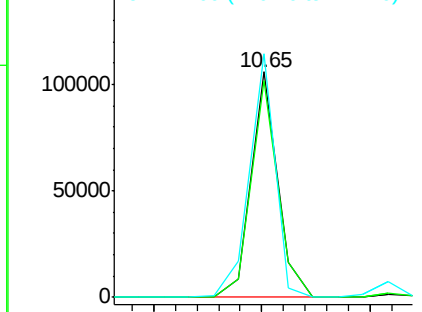
#66
 4-Bromophenyl-phenylether
 Concen: 37.24 ng
 RT: 10.65 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 89565
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.8 116.6
 141 108.2 39.8 59.6#

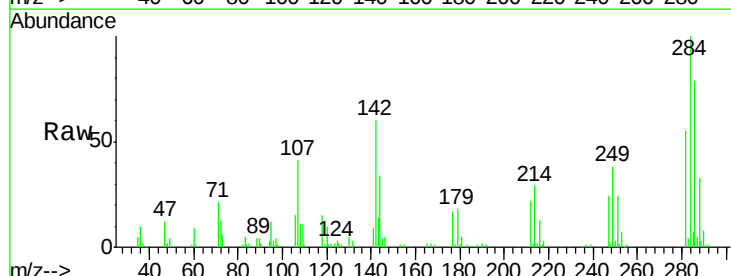


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

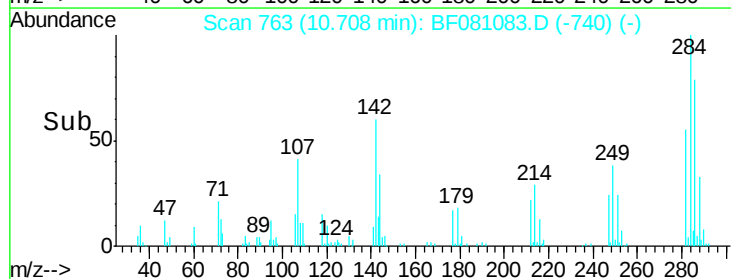
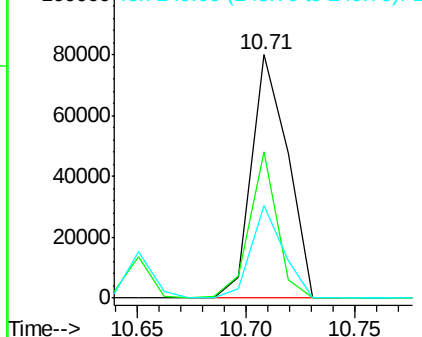


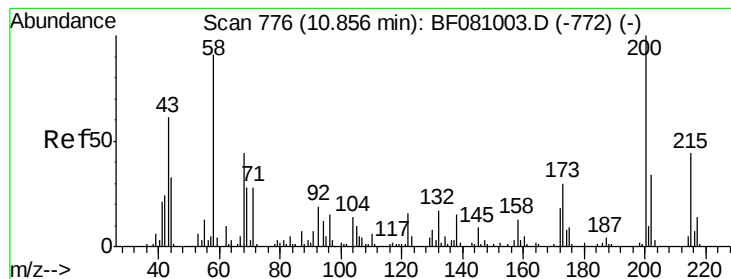
#67
 Hexachlorobenzene
 Concen: 37.87 ng
 RT: 10.71 min Scan# 763
 Delta R.T. -0.03 min
 Lab File: BF081083.D
 Acq: 19 Aug 2015 15:28

Tgt Ion:284 Resp: 92243
 Ion Ratio Lower Upper
 284 100
 142 59.9 25.4 38.0#
 249 38.3 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: 39.63 ng

RT: 10.82 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

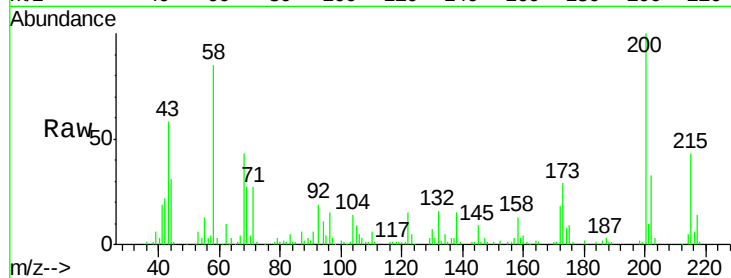
Tot Ion:200 Resp: 96486

Ion Ratio Lower Upper

200 100

173 29.4 8.1 48.1

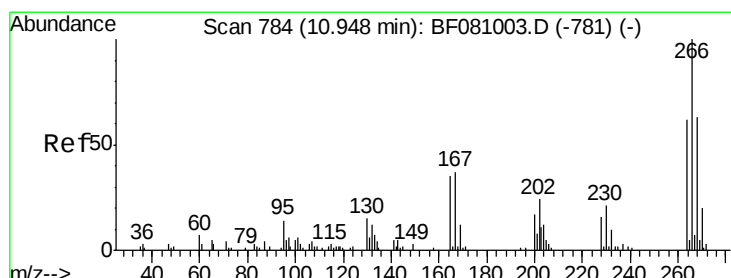
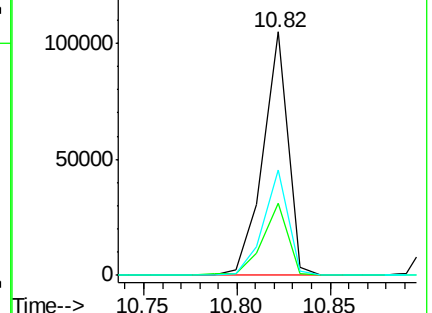
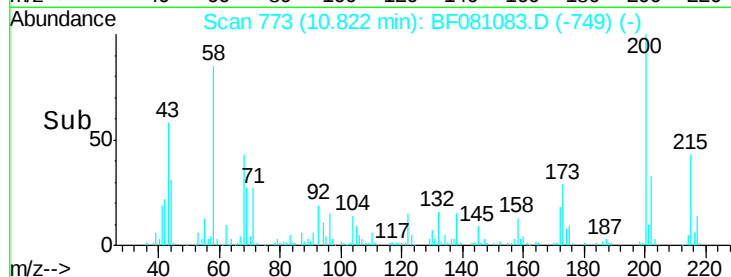
215 43.1 23.3 63.3



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: 38.89 ng

RT: 10.90 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

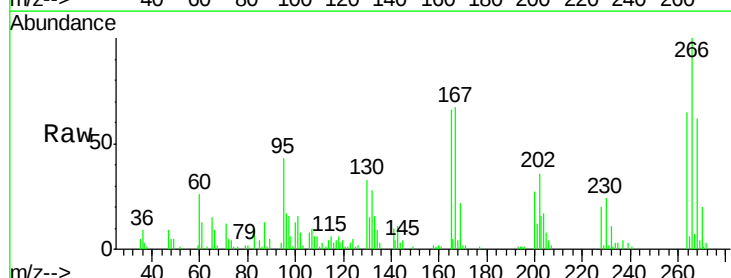
Tgt Ion:266 Resp: 56838

Ion Ratio Lower Upper

266 100

268 61.8 51.2 76.8

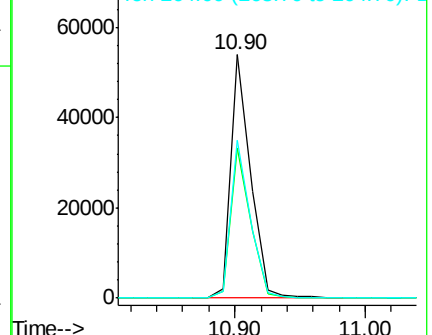
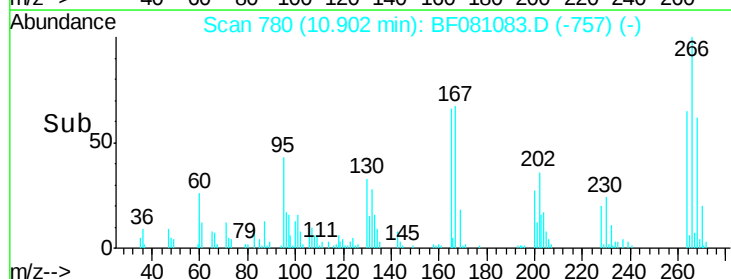
264 64.8 50.6 75.8

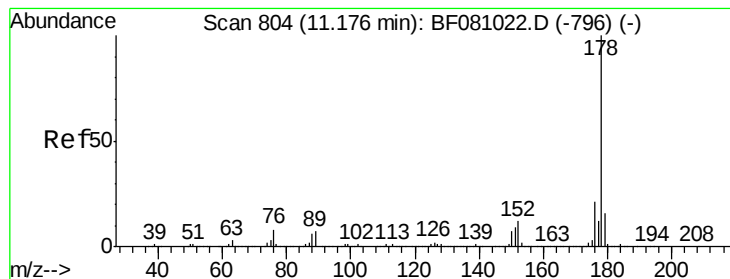


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 36.19 ng

RT: 11.12 min Scan# 799

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

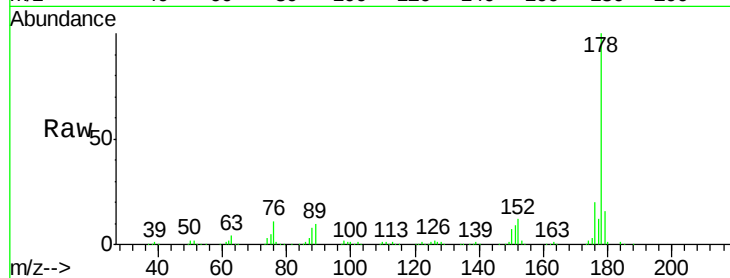
Tot Ion:178 Resp: 525122

Ion Ratio Lower Upper

178 100

176 20.4 15.7 23.5

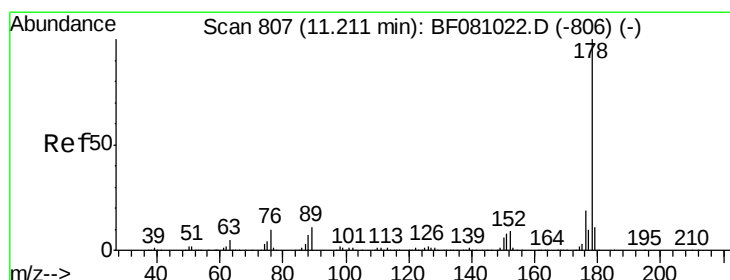
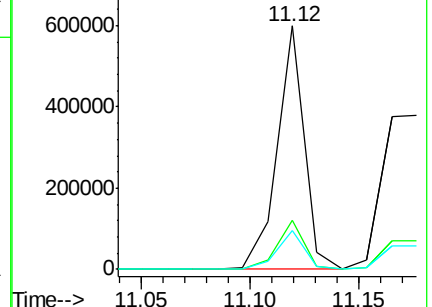
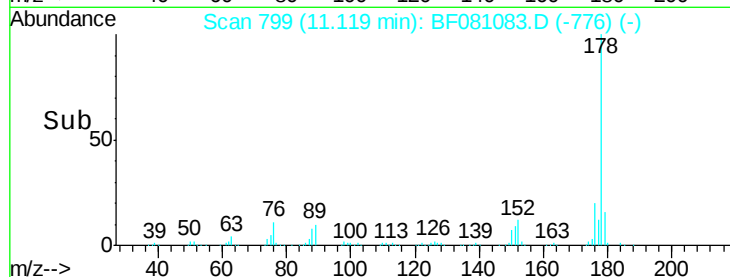
179 15.8 12.2 18.2



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: 38.06 ng

RT: 11.18 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

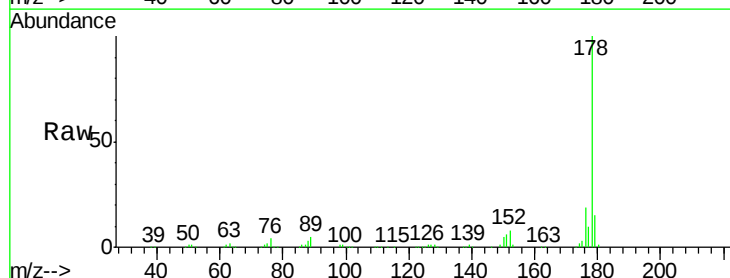
Tgt Ion:178 Resp: 537369

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

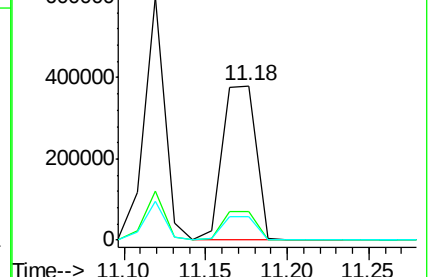
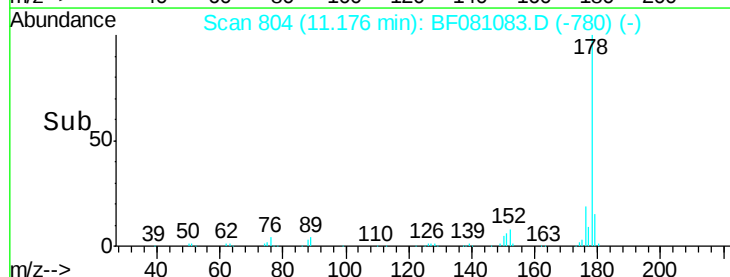
179 15.2 12.7 19.1

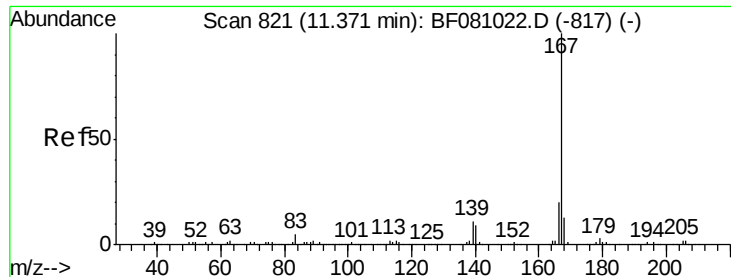


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 35.94 ng

RT: 11.32 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampled :

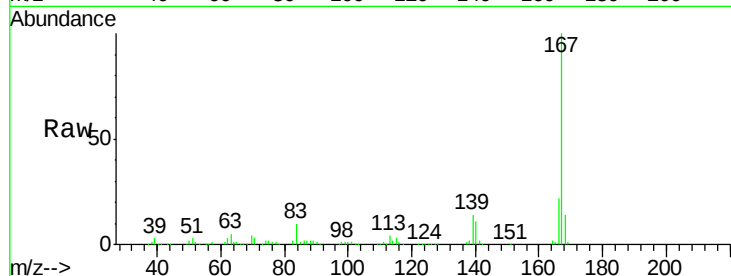
Tot Ion:167 Resp: 488571

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

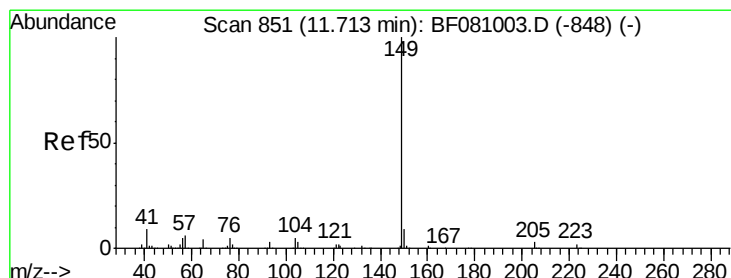
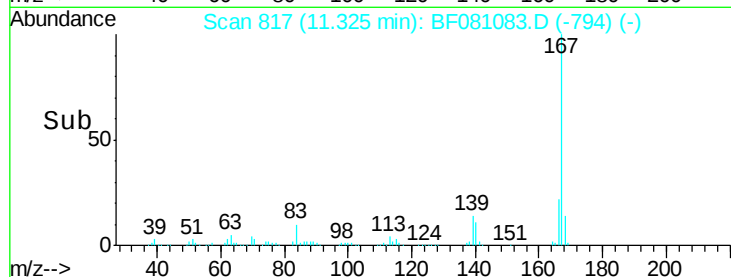
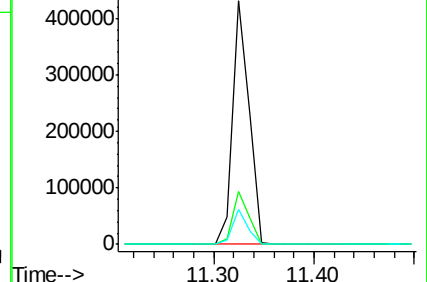
139 14.4 10.6 16.0



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: 42.51 ng

RT: 11.68 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

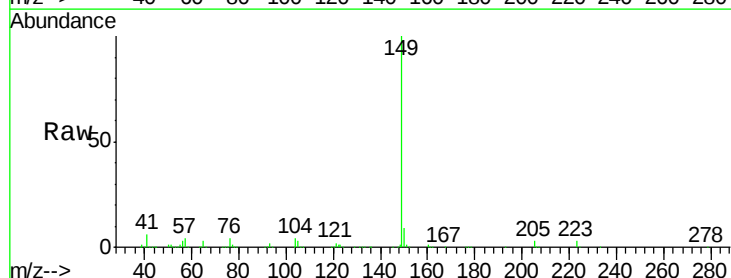
Tgt Ion:149 Resp: 699213

Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

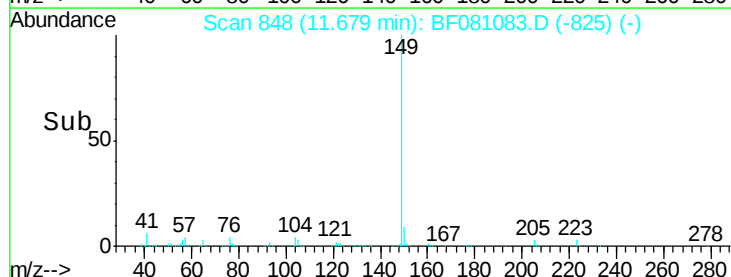
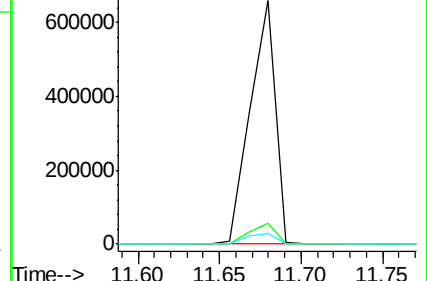
104 4.2 3.9 5.9

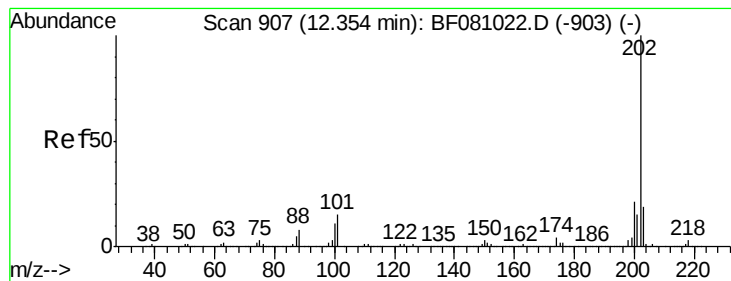


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 39.30 ng

RT: 12.30 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

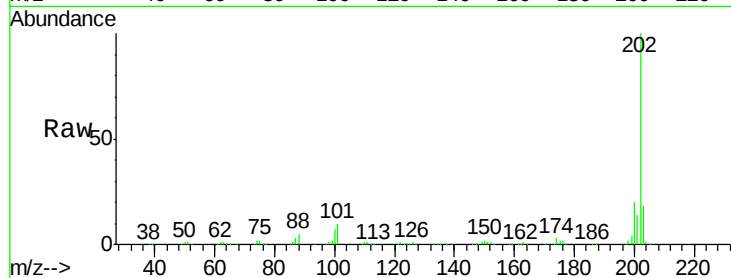
Tot Ion:202 Resp: 615400

Ion Ratio Lower Upper

202 100

101 9.6 0.0 24.8

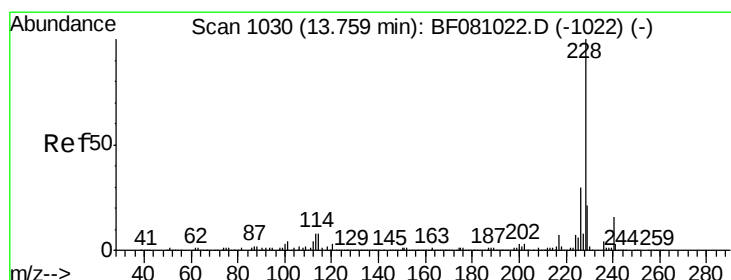
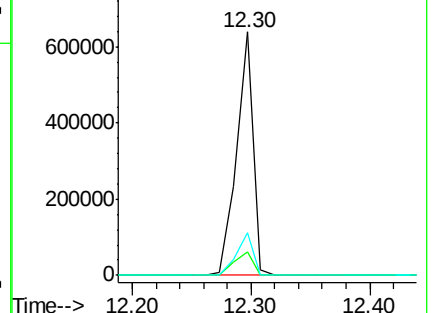
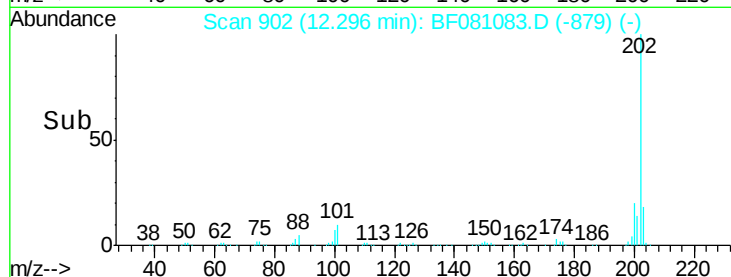
203 17.7 0.0 36.9



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: 13.71 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

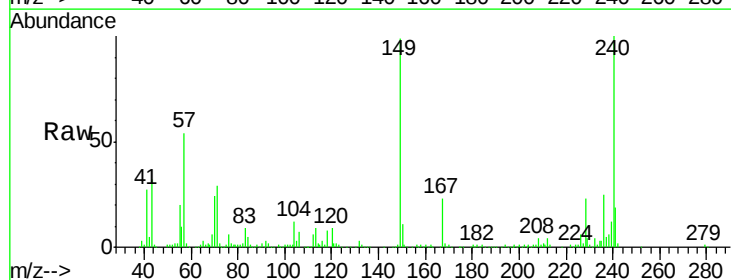
Tgt Ion:240 Resp: 192039

Ion Ratio Lower Upper

240 100

120 9.4 5.6 8.4#

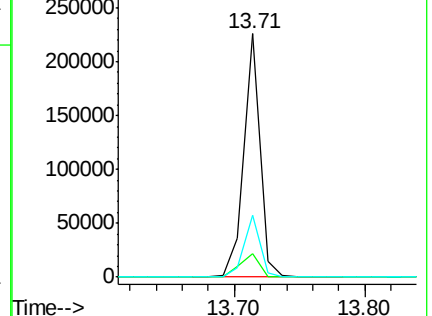
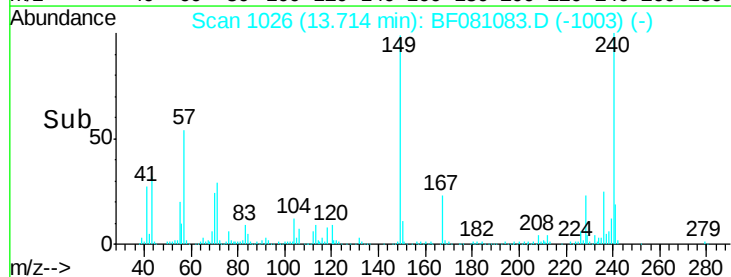
236 25.4 20.6 30.8

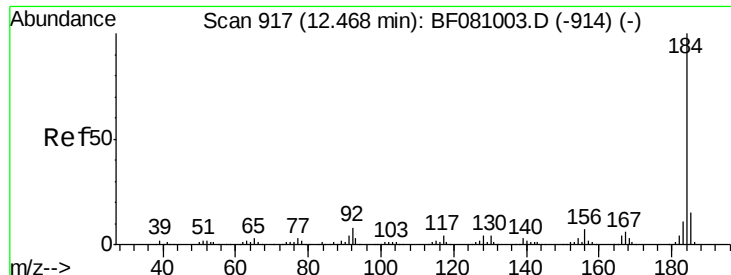


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

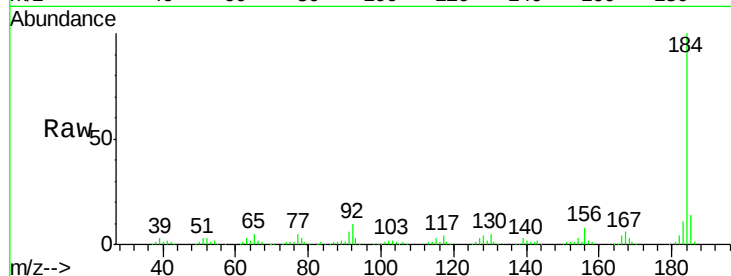




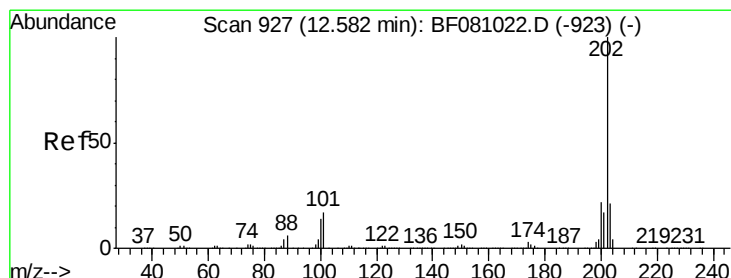
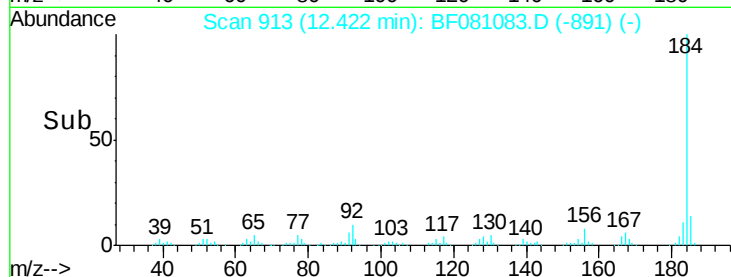
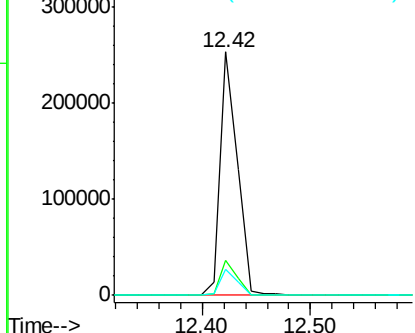
#76
Benzidine
Concen: 38.48 ng
RT: 12.42 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 279164
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 10.7 8.9 13.3

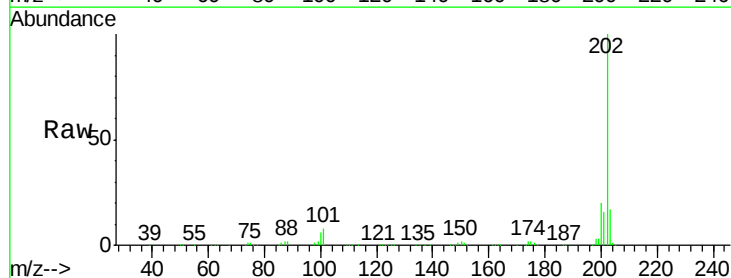


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

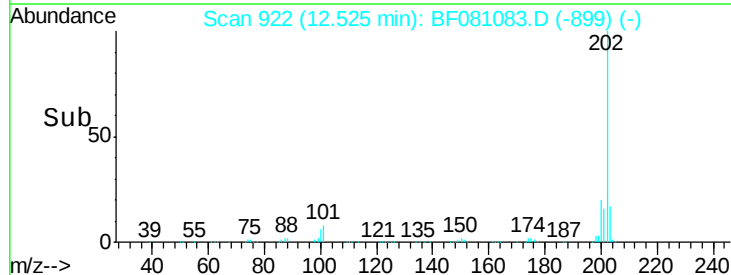
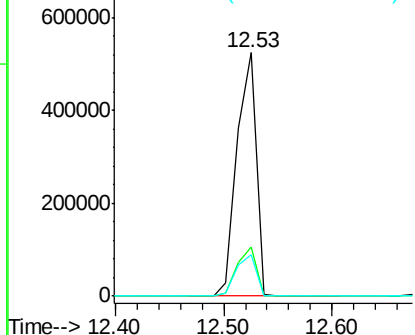


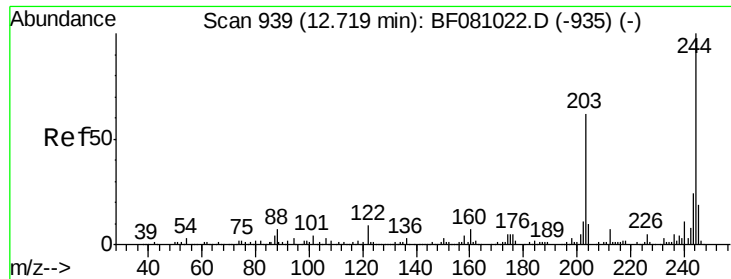
#77
Pyrene
Concen: 40.58 ng
RT: 12.53 min Scan# 922
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion:202 Resp: 633515
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.2 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: 71.21 ng

RT: 12.67 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

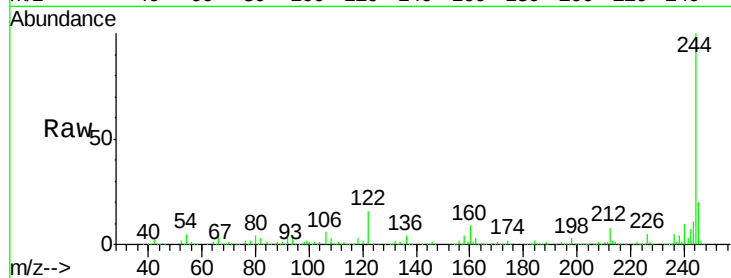
Tot Ion:244 Resp: 637860

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

122 15.9 8.2 12.4#

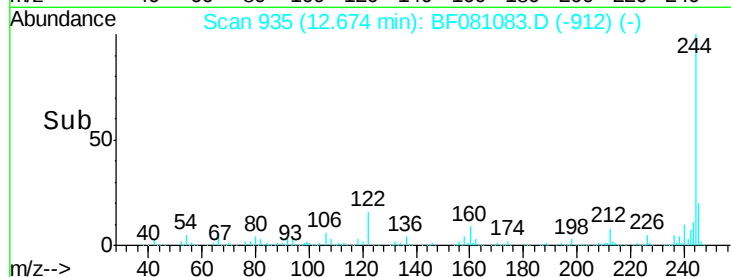


Abundance Ion 244.00 (243.70 to 244.70): E

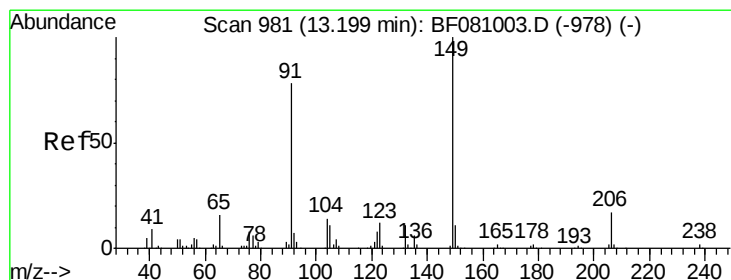
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.67



Time-->



#79

Butylbenzylphthalate

Concen: 39.28 ng

RT: 13.15 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

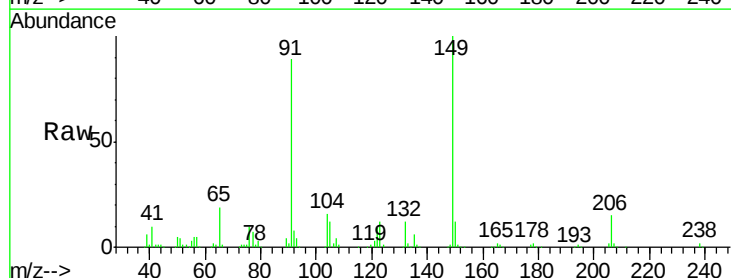
Tgt Ion:149 Resp: 263623

Ion Ratio Lower Upper

149 100

91 89.0 46.9 70.3#

206 14.7 17.0 25.4#

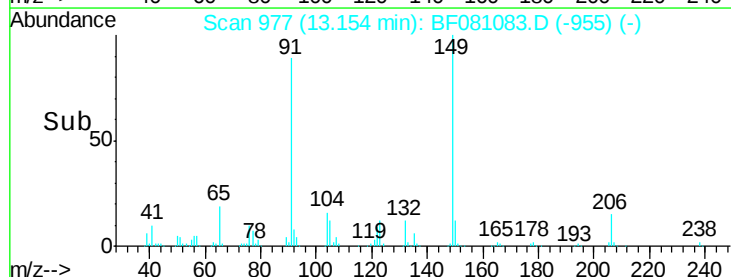


Abundance Ion 149.00 (148.70 to 149.70): E

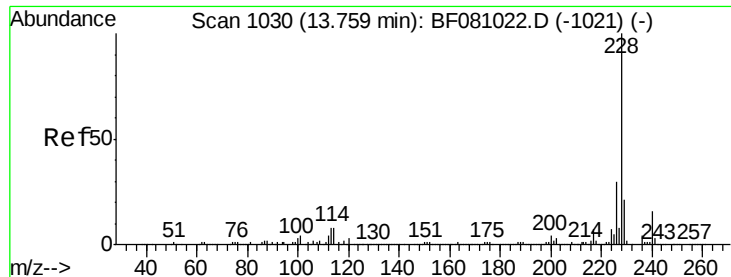
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

13.15



Time-->



#80

Benzo(a)anthracene

Concen: 40.15 ng

RT: 13.70 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

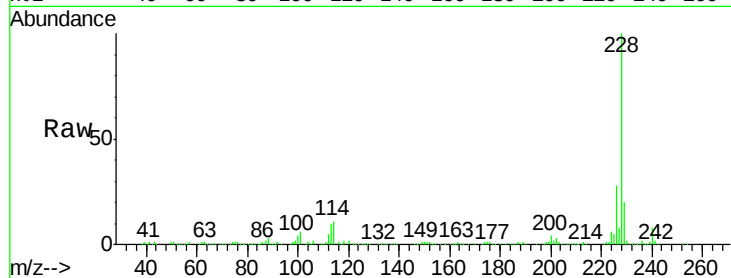
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 517058

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	19.9	15.9	23.9

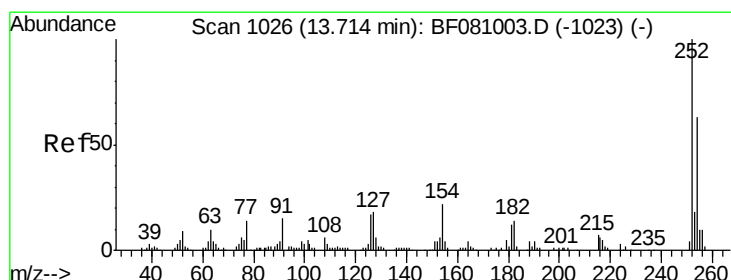
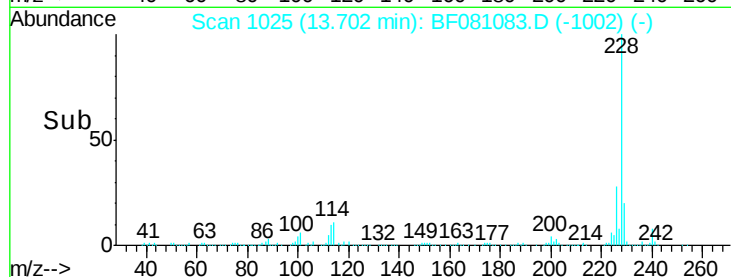
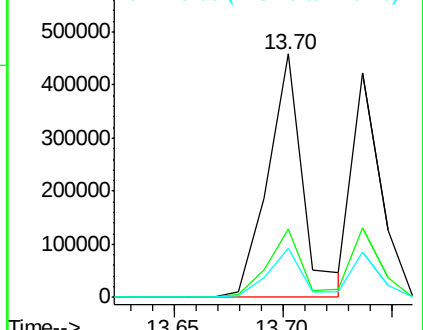


Abundance

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: 45.54 ng

RT: 13.68 min Scan# 1023

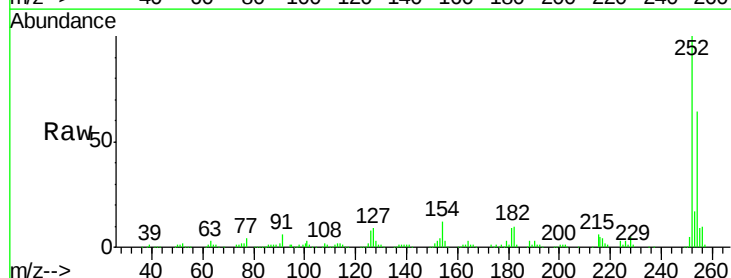
Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Tgt Ion:252 Resp: 189974

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	8.1	12.5	18.7

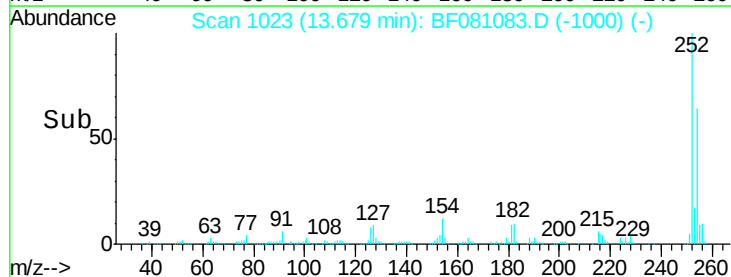
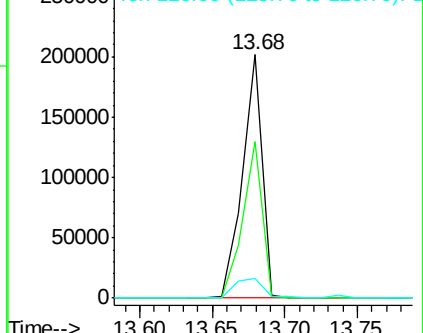


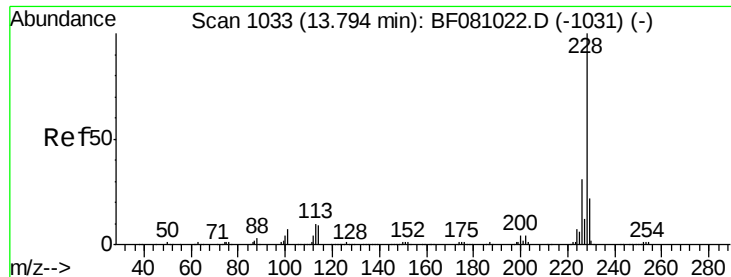
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.99 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

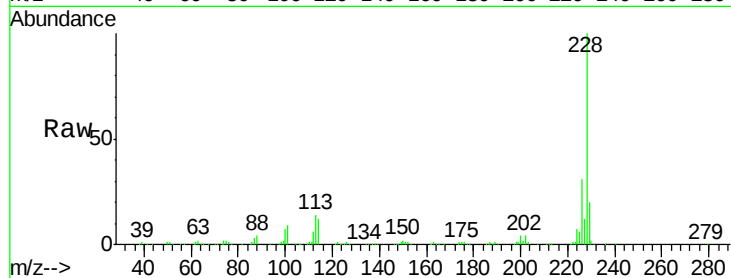
Tot Ion:228 Resp: 382922

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

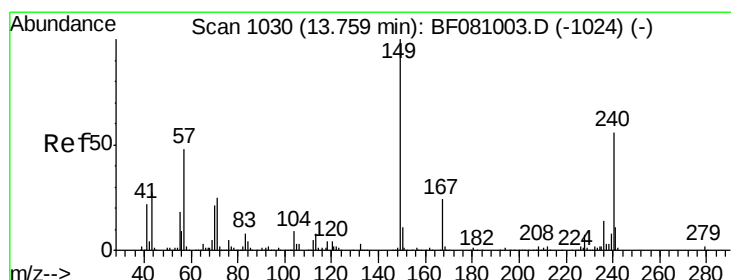
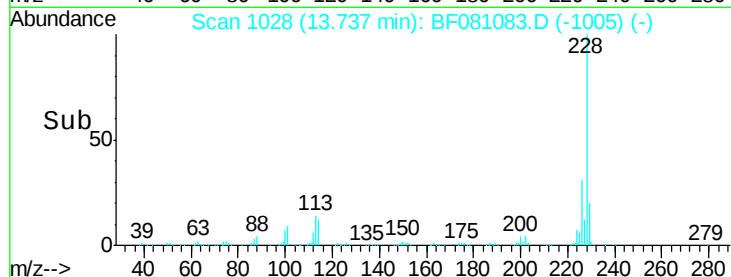
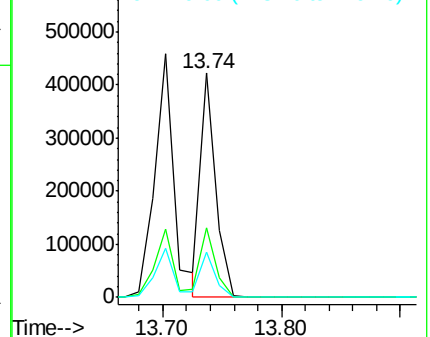
229 20.4 16.0 24.0



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: 43.44 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

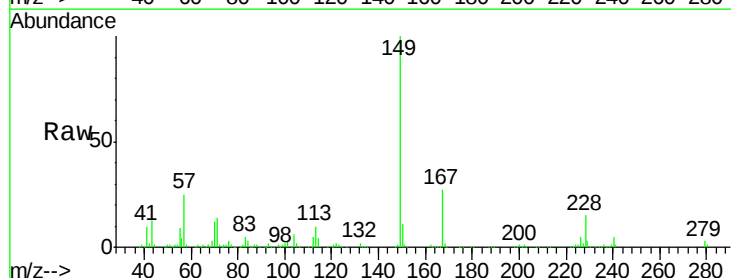
Tgt Ion:149 Resp: 373348

Ion Ratio Lower Upper

149 100

167 26.8 20.7 31.1

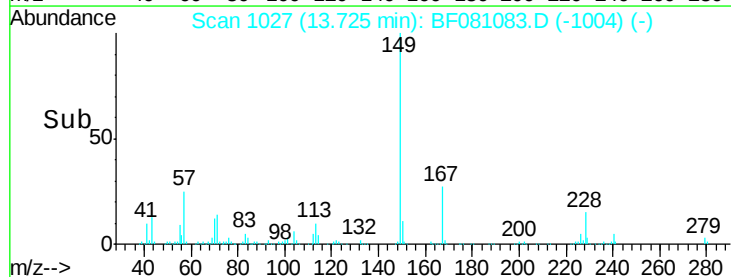
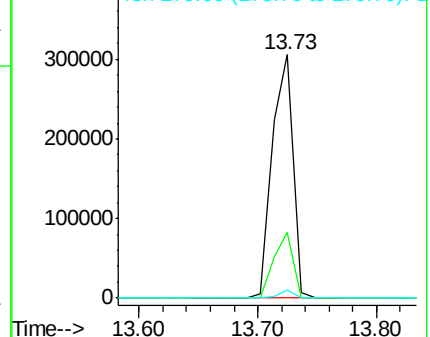
279 3.4 2.2 3.4#

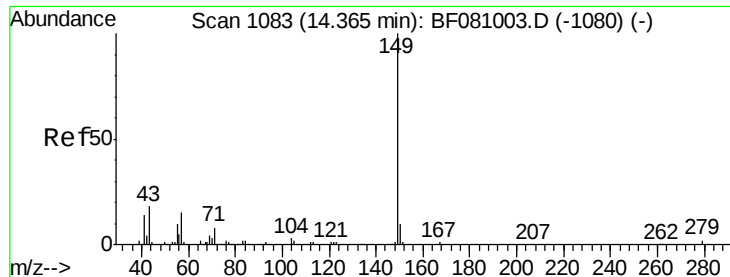


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.58 ng

RT: 14.33 min Scan# 1080

Delta R.T. -0.03 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

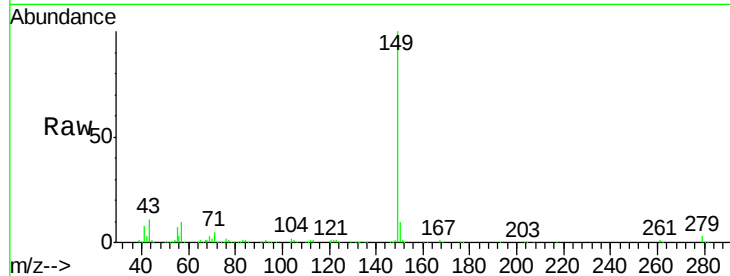
Tot Ion:149 Resp: 634619

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

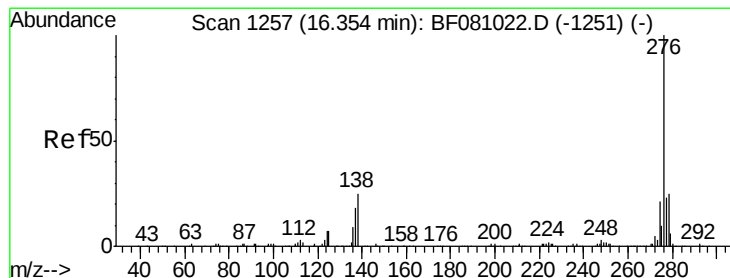
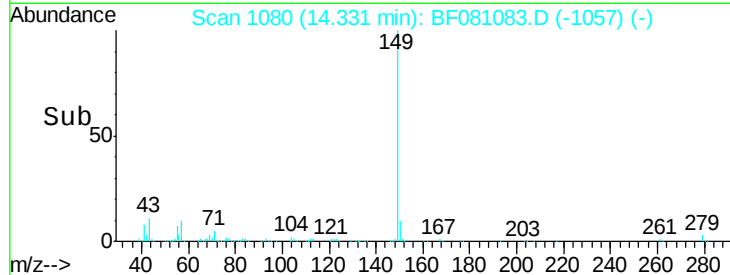
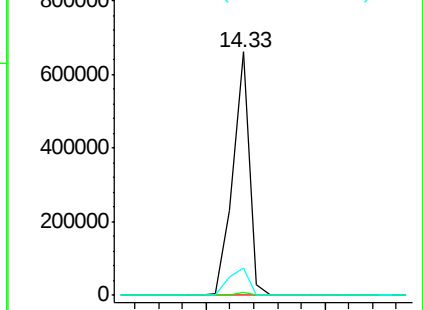
43 13.7 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.07 ng

RT: 16.26 min Scan# 1249

Delta R.T. -0.06 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

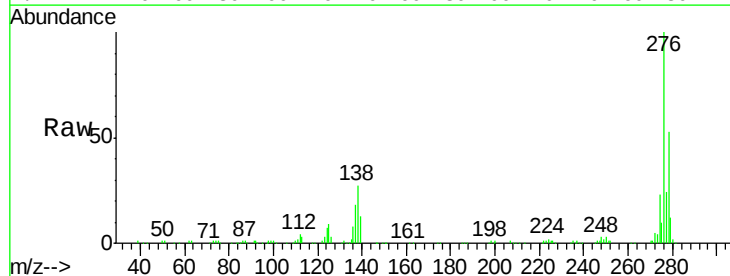
Tgt Ion:276 Resp: 342856

Ion Ratio Lower Upper

276 100

138 28.9 18.6 28.0#

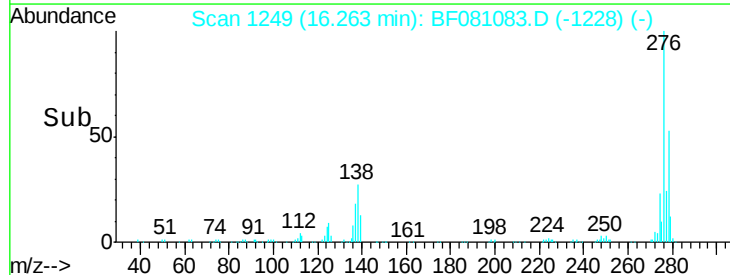
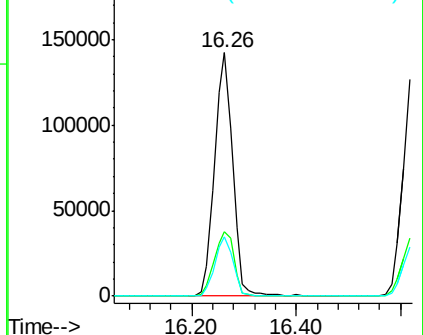
277 24.5 19.8 29.8

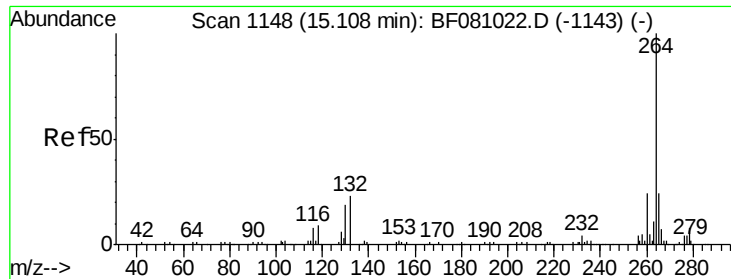


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

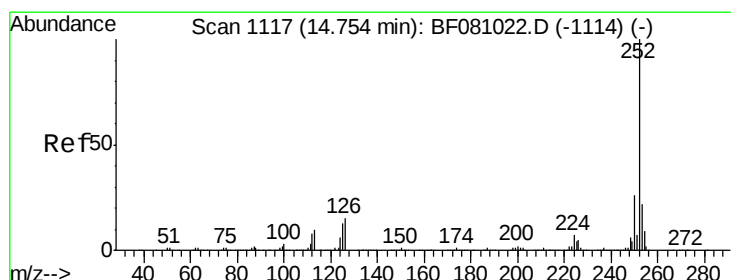
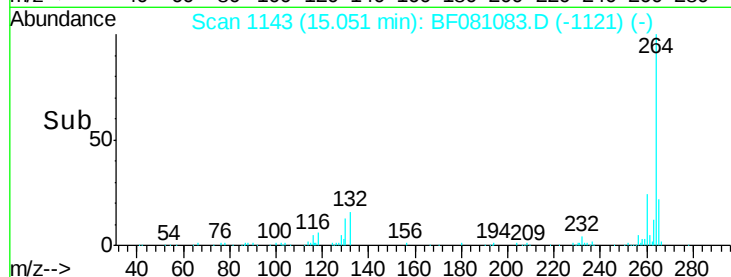
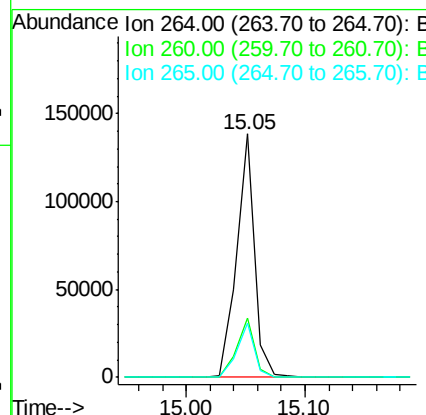
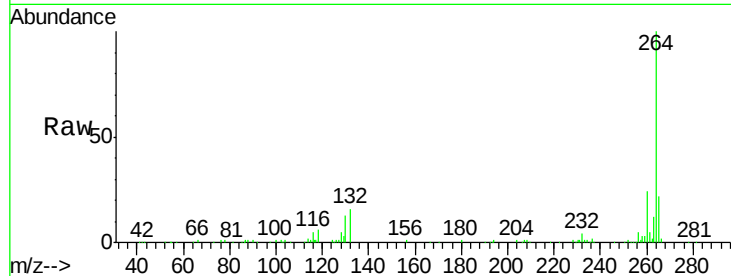




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

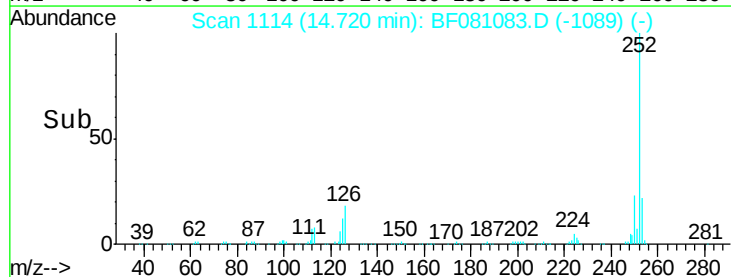
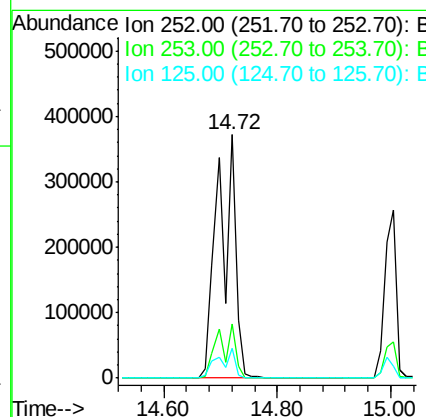
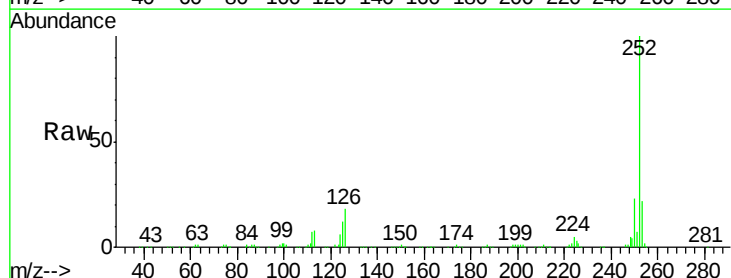
Instrument :
BNA_F
ClientSampleId :

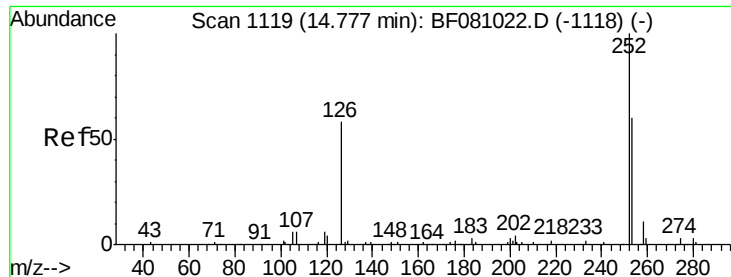
Tot Ion:264 Resp: 145181
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 74.70 ng
RT: 14.72 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion:252 Resp: 767103
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 12.4 8.0 12.0#

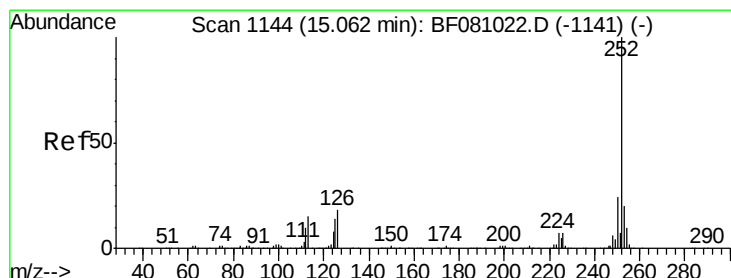
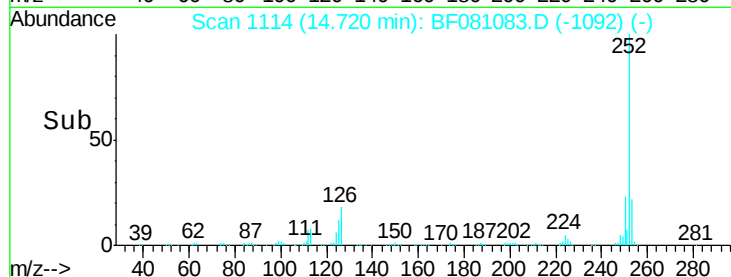
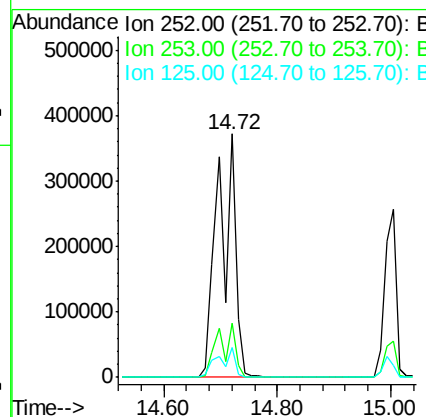
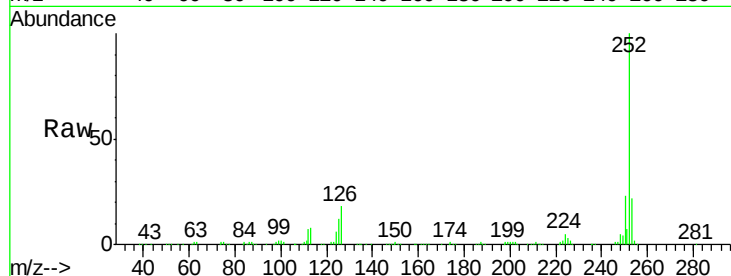




#88
Benzo(k)fluoranthene
Concen: 80.17 ng
RT: 14.72 min Scan# 1114
Delta R.T. -0.05 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

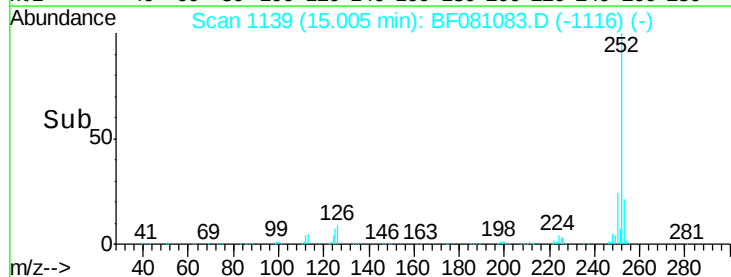
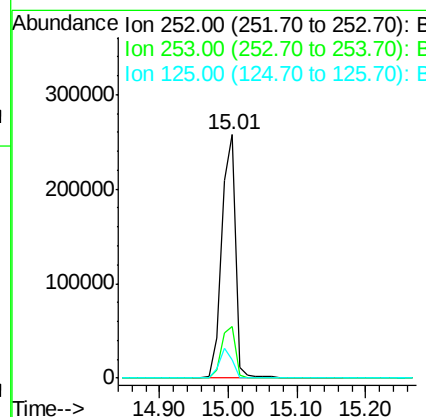
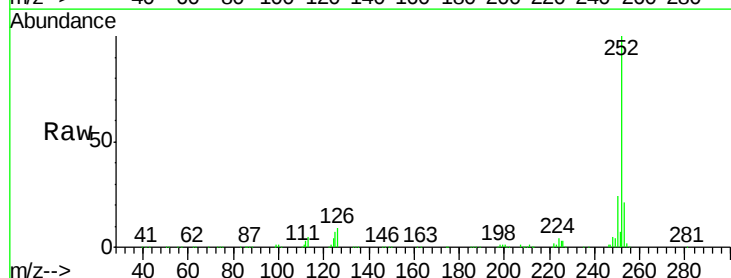
Instrument :
BNA_F
ClientSampleId :

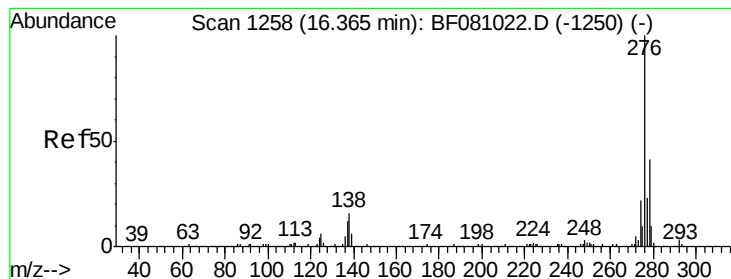
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	12.4	10.3	15.5



#89
Benzo(a)pyrene
Concen: 40.96 ng
RT: 15.01 min Scan# 1139
Delta R.T. -0.03 min
Lab File: BF081083.D
Acq: 19 Aug 2015 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	25.0
125	7.4	7.8	11.8





#90

Dibenzo(a,h)anthracene

Concen: 40.78 ng

RT: 16.27 min Scan# 1250

Delta R.T. -0.07 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

Instrument :

BNA_F

ClientSampleId :

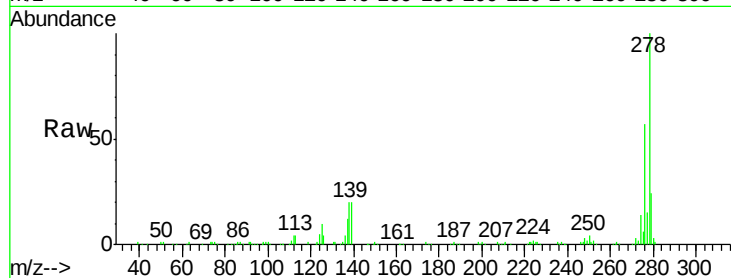
Tot Ion:278 Resp: 284310

Ion Ratio Lower Upper

278 100

139 20.4 10.8 16.2#

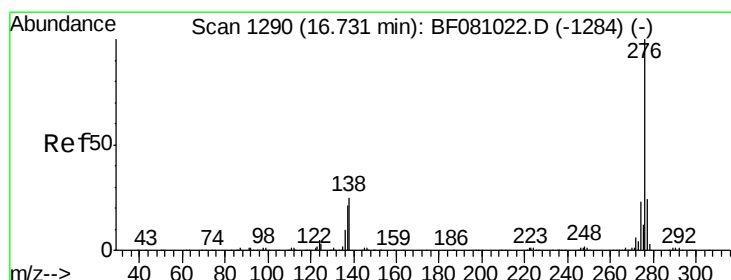
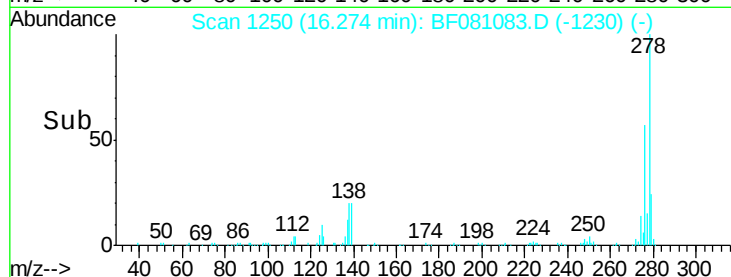
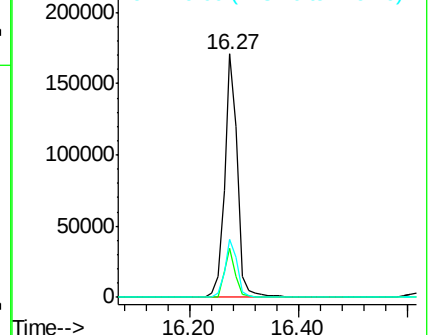
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.16 ng

RT: 16.62 min Scan# 1280

Delta R.T. -0.07 min

Lab File: BF081083.D

Acq: 19 Aug 2015 15:28

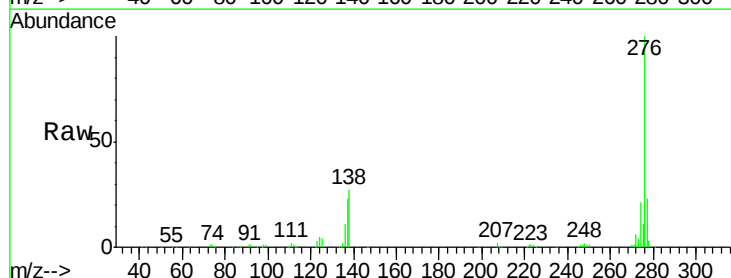
Tgt Ion:276 Resp: 277007

Ion Ratio Lower Upper

276 100

277 22.9 18.2 27.2

138 26.6 13.7 20.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

