

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081103.D
 Acq On : 20 Aug 2015 2:37
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 03:04:58 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	6.58	152	60538	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	252022	20.00	ng	-0.03
38) Acenaphthene-d10	9.62	164	121644	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	234185	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	177031	20.00	ng	-0.04
86) Perylene-d12	15.04	264	168742	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	325771	80.94	ng	-0.04
7) Phenol-d6	6.23	99	448304	85.37	ng	-0.03
23) Nitrobenzene-d5	7.17	82	452579	82.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	76190	72.26	ng	-0.04
44) 2-Fluorobiphenyl	8.96	172	700625	75.47	ng	-0.03
78) Terphenyl-d14	12.68	244	726373	87.96	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.00	88	78512	41.40	ng	# 91
3) Pyridine	2.63	79	199657	37.30	ng	# 80
4) n-Nitrosodimethylamine	2.58	42	118325	39.70	ng	# 78
6) Aniline	6.25	93	318899	41.76	ng	# 67
8) 2-Chlorophenol	6.37	128	179689	40.79	ng	99
9) Benzaldehyde	6.13	77	136326	40.27	ng	97
10) Phenol	6.25	94	251582	40.56	ng	88
11) bis(2-Chloroethyl)ether	6.33	93	188943	39.70	ng	94
12) 1,3-Dichlorobenzene	6.53	146	204974	43.30	ng	96
13) 1,4-Dichlorobenzene	6.61	146	207213	44.21	ng	98
14) 1,2-Dichlorobenzene	6.76	146	164576	37.51	ng	97
15) Benzyl Alcohol	6.74	79	176828	41.62	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.88	45	364230	38.95	ng	99
17) 2-Methylphenol	6.86	107	154953	40.99	ng	96
18) Hexachloroethane	7.10	117	75532	39.88	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	148172	40.73	ng	91
20) 3+4-Methylphenols	7.02	107	187021	38.98	ng	# 60
22) Acetophenone	7.01	105	246759	37.29	ng	# 90
24) Nitrobenzene	7.18	77	207073	35.90	ng	96
25) Isophorone	7.43	82	416395	40.47	ng	# 93
26) 2-Nitrophenol	7.50	139	106457	44.38	ng	# 71
27) 2,4-Dimethylphenol	7.54	122	153566	36.19	ng	96
28) bis(2-Chloroethoxy)methane	7.65	93	252950	41.62	ng	98
29) 2,4-Dichlorophenol	7.74	162	140707	39.38	ng	88
30) 1,2,4-Trichlorobenzene	7.82	180	150111	37.80	ng	98
31) Naphthalene	7.90	128	579504	41.25	ng	99
32) Benzoic acid	7.68	122	92553	38.77	ng	92
33) 4-Chloroaniline	7.96	127	249676	42.12	ng	# 90
34) Hexachlorobutadiene	8.02	225	96623	43.03	ng	97
35) Caprolactam	8.34	113	54608	43.73	ng	# 49
36) 4-Chloro-3-methylphenol	8.45	107	186629	43.83	ng	97
37) 2-Methylnaphthalene	8.58	142	332345	37.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	154107	39.27	ng	98
40) Hexachlorocyclopentadiene	8.74	237	81562	40.15	ng	99

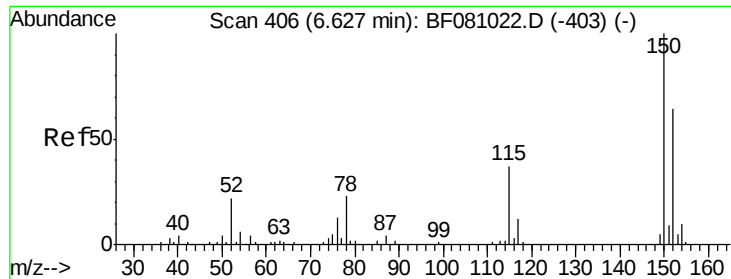
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081103.D
 Acq On : 20 Aug 2015 2:37
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
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Instrument :
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 ClientSampleId :

Quant Time: Aug 20 03:04:58 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)
42) 2,4,6-Trichlorophenol	8.87	196	109982	39.67	nq	98
43) 2,4,5-Trichlorophenol	8.90	196	100657	36.32	nq	# 86
45) 1,1'-Biphenyl	9.05	154	399944	37.33	nq	96
46) 2-Chloronaphthalene	9.08	162	334701	38.88	nq	98
47) 2-Nitroaniline	9.18	65	134855	38.28	nq	# 58
48) Acenaphthylene	9.49	152	590761	38.37	nq	99
49) Dimethylphthalate	9.36	163	355864	35.52	nq	99
50) 2,6-Dinitrotoluene	9.42	165	73486	34.17	nq	# 68
51) Acenaphthene	9.66	154	348691	37.83	nq	100
52) 3-Nitroaniline	9.59	138	110779	41.16	nq	# 70
53) 2,4-Dinitrophenol	9.69	184	51343	47.65	nq	# 54
54) Dibenzofuran	9.83	168	470067	38.05	nq	98
55) 4-Nitrophenol	9.75	139	70319	37.20	nq	84
56) 2,4-Dinitrotoluene	9.82	165	107388	37.67	nq	# 79
57) Fluorene	10.16	166	323333	34.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	81548	38.02	nq	97
59) Diethylphthalate	10.06	149	395478	37.30	nq	98
60) 4-Chlorophenyl-phenylether	10.16	204	141455	35.18	nq	96
61) 4-Nitroaniline	10.20	138	104693	38.06	nq	91
62) Azobenzene	10.32	77	471969	38.63	nq	96
64) 4,6-Dinitro-2-methylphenol	10.23	198	63160	45.16	nq	# 37
65) n-Nitrosodiphenylamine	10.29	169	347409	41.56	nq	98
66) 4-Bromophenyl-phenylether	10.65	248	95713	41.60	nq	94
67) Hexachlorobenzene	10.71	284	98752	42.38	nq	98
68) Atrazine	10.81	200	86059	36.95	nq	96
69) Pentachlorophenol	10.90	266	60029	42.94	nq	100
70) Phenanthrene	11.12	178	520746	37.52	nq	100
71) Anthracene	11.17	178	540081	39.99	nq	99
72) Carbazole	11.33	167	554872	42.67	nq	100
73) Di-n-butylphthalate	11.67	149	603500	38.36	nq	98
74) Fluoranthene	12.29	202	547698	36.57	nq	92
76) Benzidine	12.43	184	325791	48.72	nq	100
77) Pyrene	12.52	202	561411	39.01	nq	99
79) Butylbenzylphthalate	13.16	149	303749	49.10	nq	# 84
80) Benzo(a)anthracene	13.69	228	525848	44.29	nq	99
81) 3,3'-Dichlorobenzidine	13.67	252	163338	42.47	nq	98
82) Chrysene	13.74	228	525926	49.15	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	375327	47.37	nq	# 97
84) Di-n-octyl phthalate	14.32	149	633462	52.60	nq	98
85) Indeno(1,2,3-cd)pyrene	16.25	276	392804	52.29	nq	# 94
87) Benzo(b)fluoranthene	14.72	252	930117	77.93	nq	# 97
88) Benzo(k)fluoranthene	14.72	252	930117	83.63	nq	# 95
89) Benzo(a)pyrene	15.00	252	403938	38.84	nq	# 95
90) Dibenzo(a,h)anthracene	16.28	278	319822	39.47	nq	# 96
91) Benzo(g,h,i)perylene	16.62	276	312059	37.96	nq	# 90

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

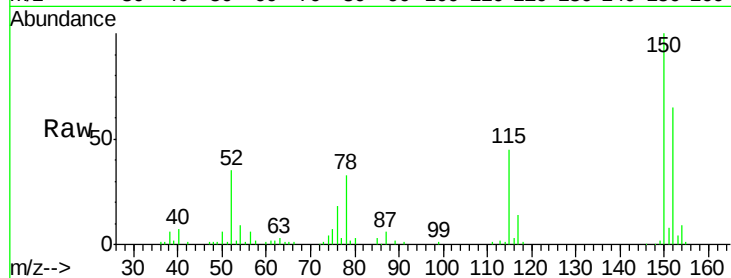


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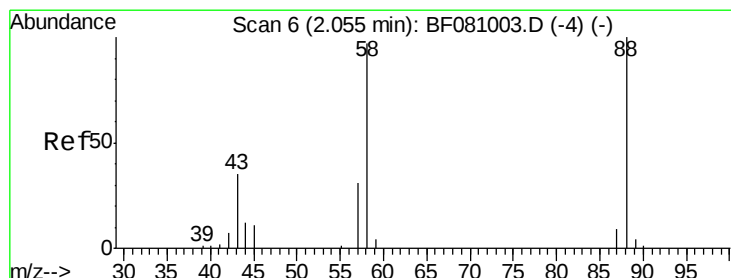
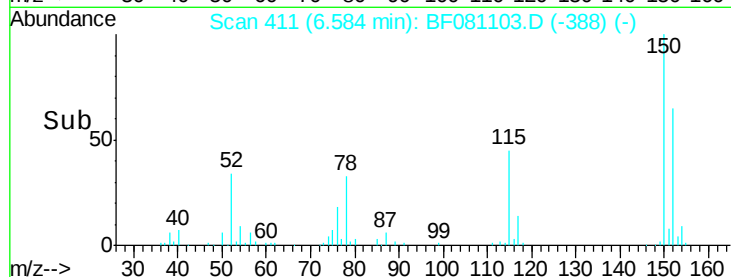
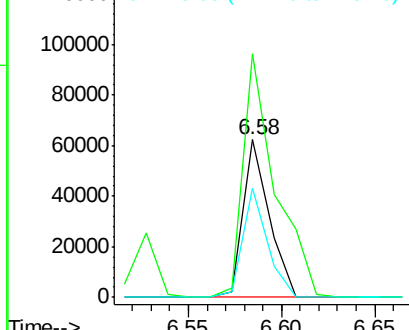
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60538
Ion Ratio Lower Upper
152 100
150 154.4 123.8 185.6
115 69.2 52.1 78.1



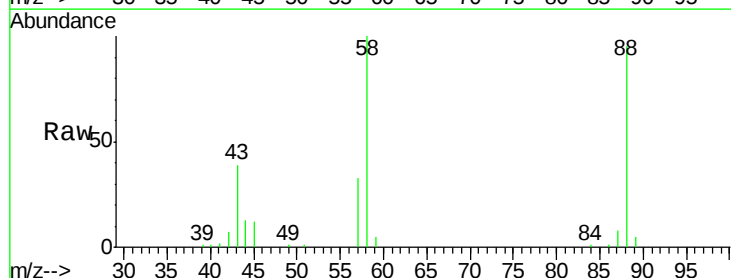
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



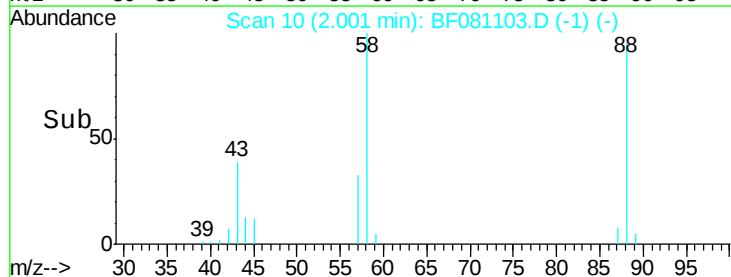
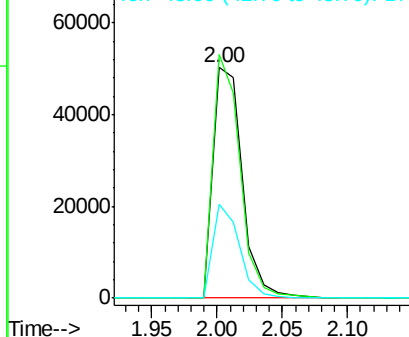
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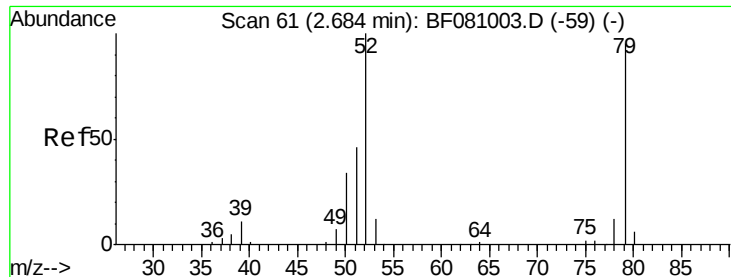
1,4-Dioxane
Concen: 41.40 ng
RT: 2.00 min Scan# 10
Delta R.T. -0.05 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion: 88 Resp: 78512
Ion Ratio Lower Upper
88 100
58 98.0 83.7 125.5
43 36.9 37.5 56.3#



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

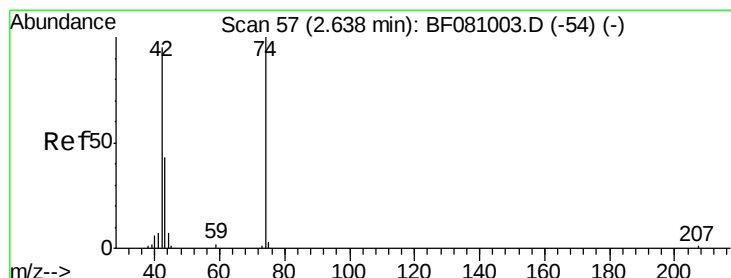
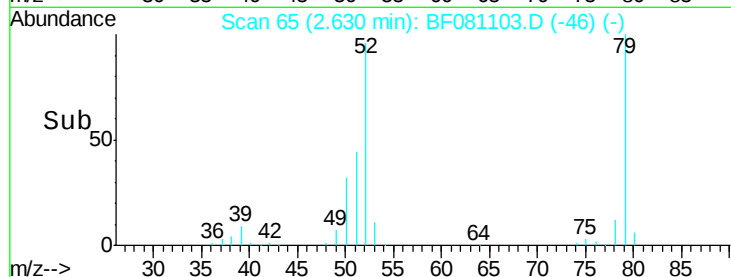
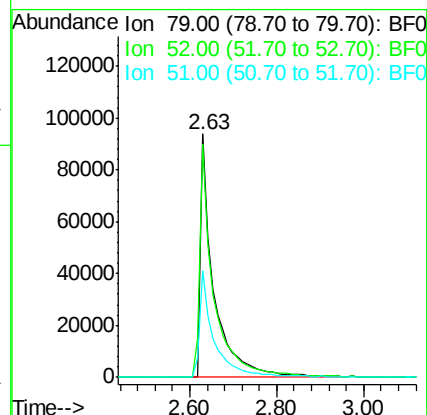
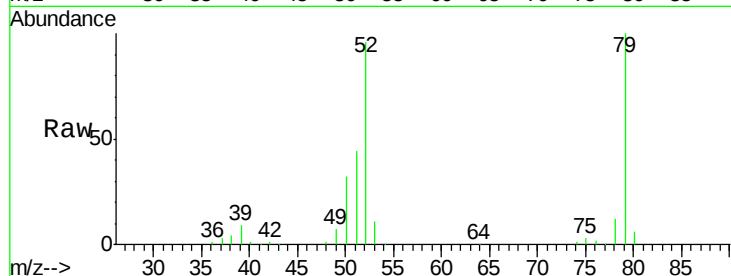




#3
 Pvridine
 Concen: 37.30 ng
 RT: 2.63 min Scan# 65
 Delta R.T. -0.09 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

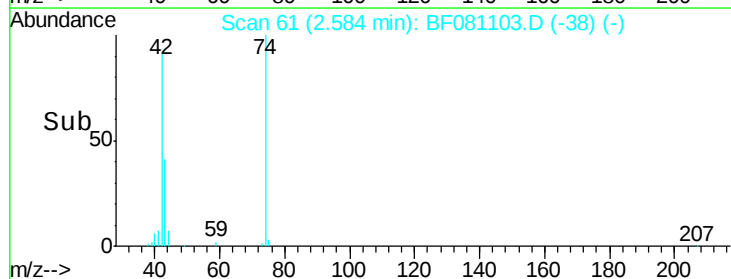
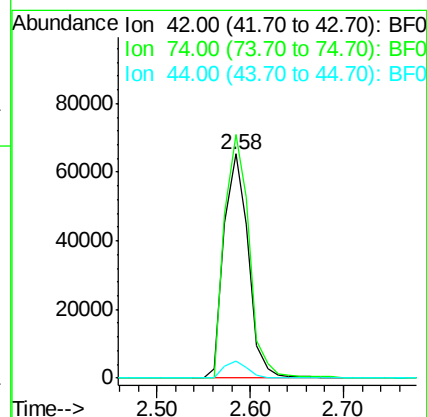
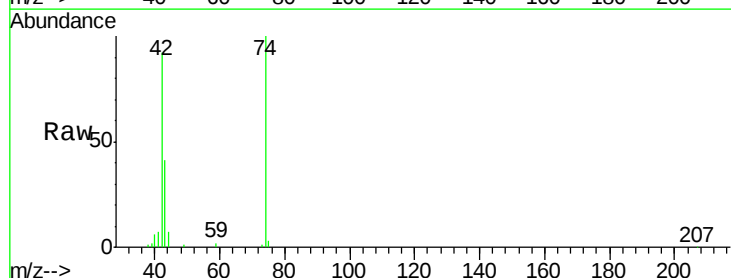
Instrument :
 BNA_F
 ClientSampleId :

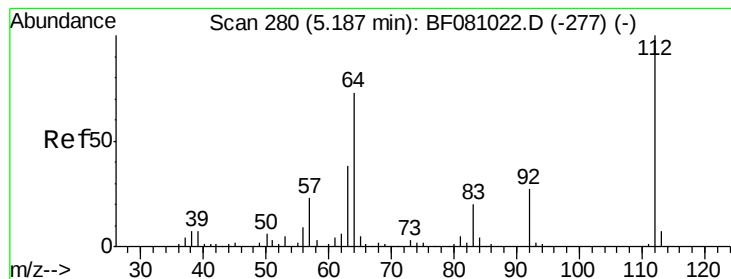
Tot Ion: 79 Resp: 199657
 Ion Ratio Lower Upper
 79 100
 52 95.7 95.1 142.7
 51 43.8 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 39.70 ng
 RT: 2.58 min Scan# 61
 Delta R.T. -0.04 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion: 42 Resp: 118325
 Ion Ratio Lower Upper
 42 100
 74 108.7 69.3 103.9#
 44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 80.94 ng

RT: 5.14 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF081103.D

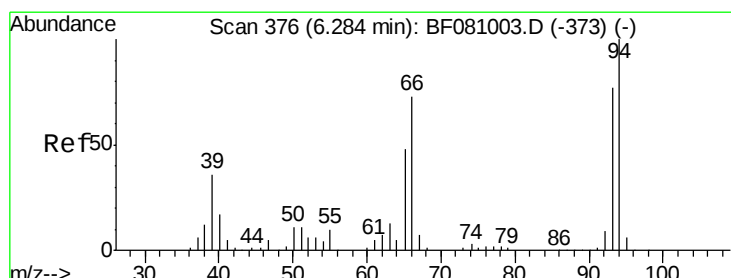
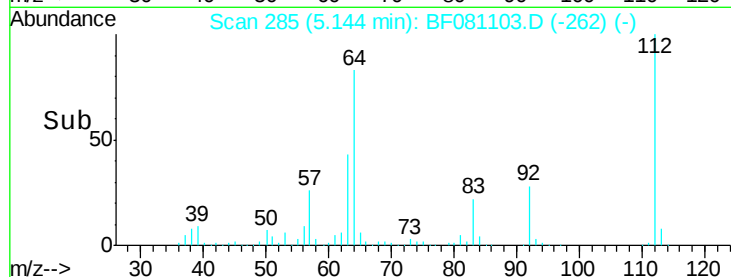
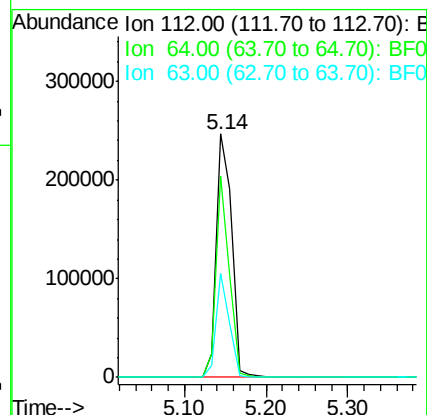
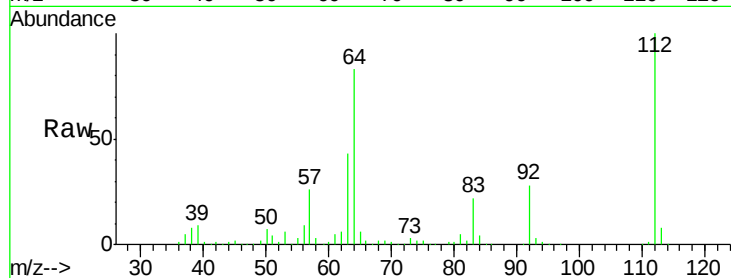
Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:112	Resp:	325771
Ion Ratio	Lower	Upper
112	100	
64	82.6	66.9 100.3
63	42.9	38.1 57.1



#6

Aniline

Concen: 41.76 ng

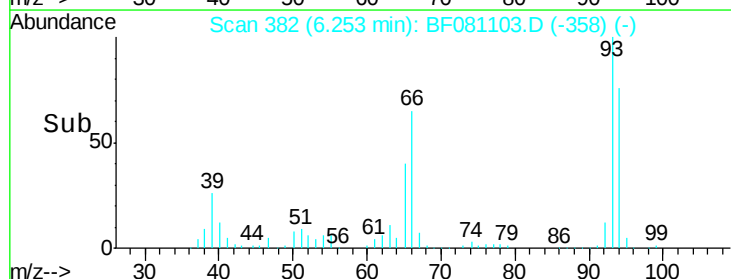
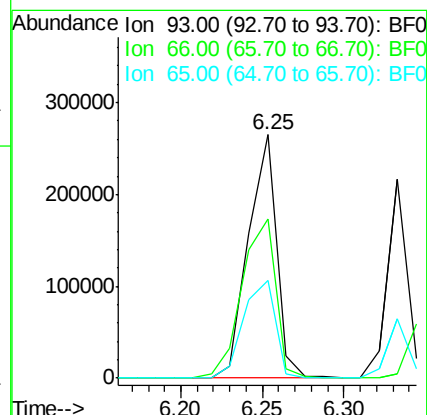
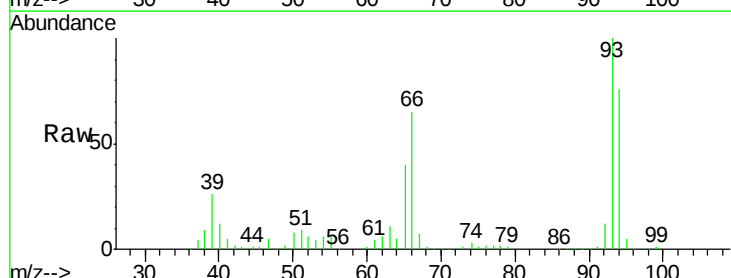
RT: 6.25 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Tgt Ion: 93	Resp:	318899
Ion Ratio	Lower	Upper
93	100	
66	65.4	35.6 53.4#
65	40.2	18.7 28.1#





#7

Phenol-d6

Concen: 85.37 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

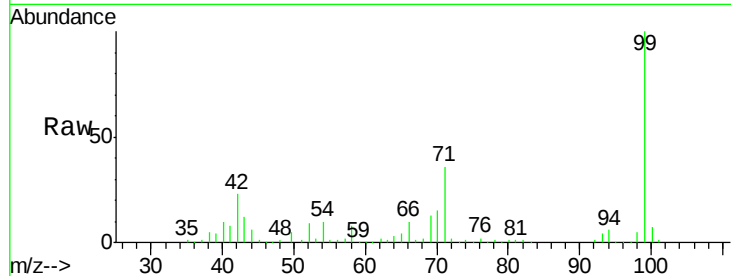
Tot Ion: 99 Resp: 448304

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

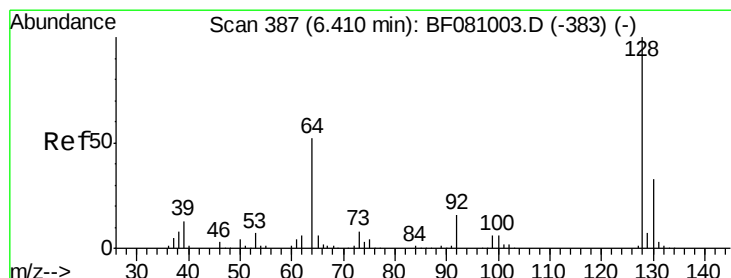
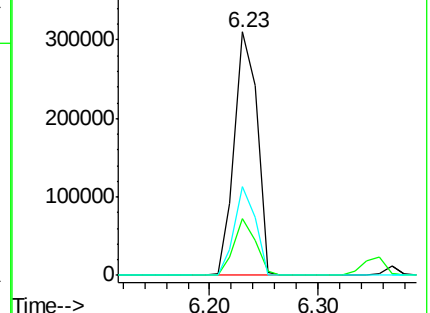
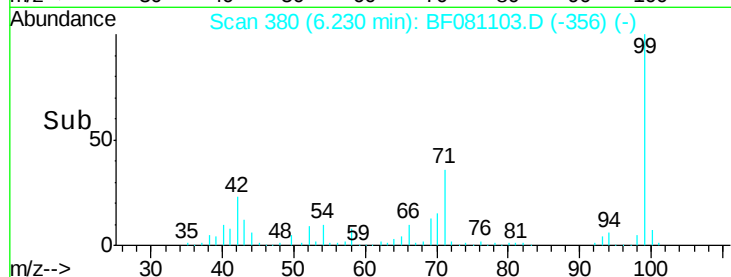
71 36.5 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.79 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

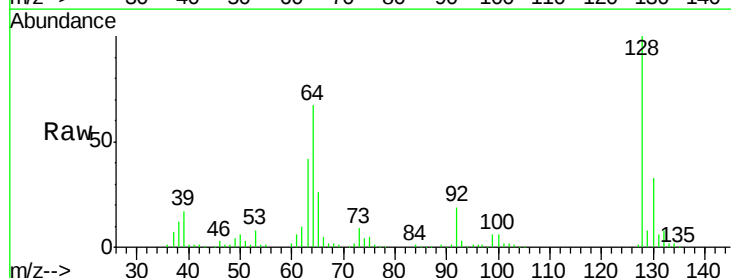
Tgt Ion: 128 Resp: 179689

Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

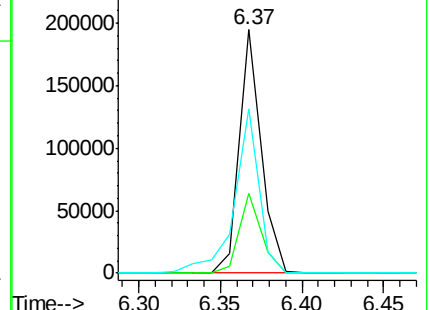
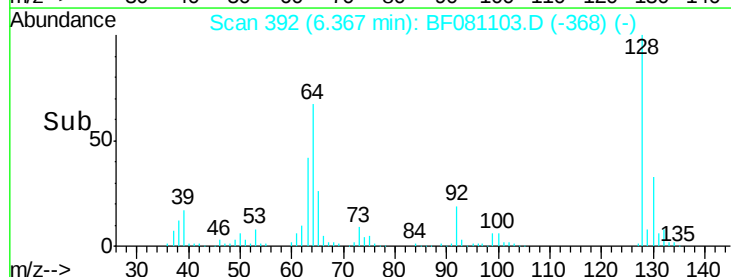
64 67.3 46.8 86.8

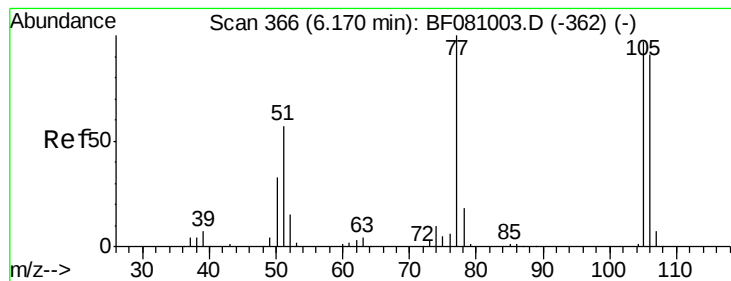


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.27 ng

RT: 6.13 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

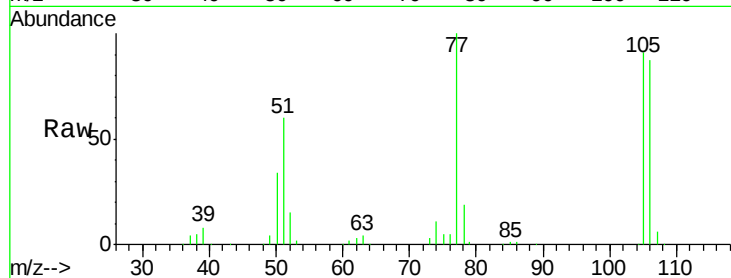
Tot Ion: 77 Resp: 136326

Ion Ratio Lower Upper

77 100

105 91.4 69.6 109.6

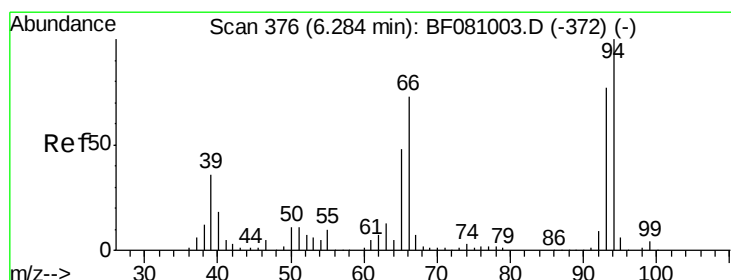
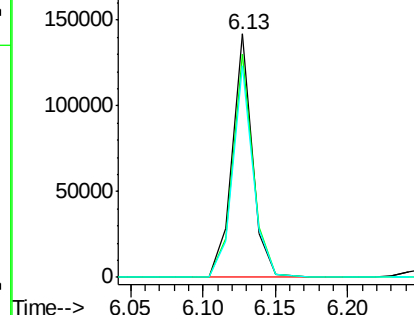
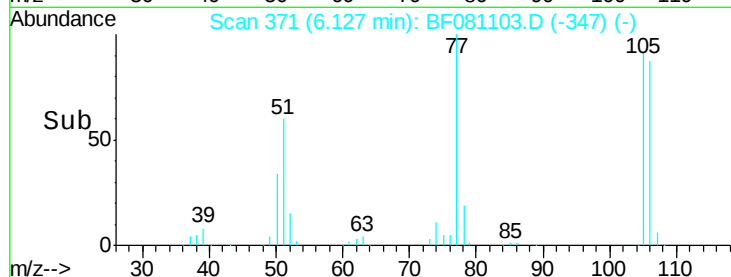
106 86.9 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.56 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

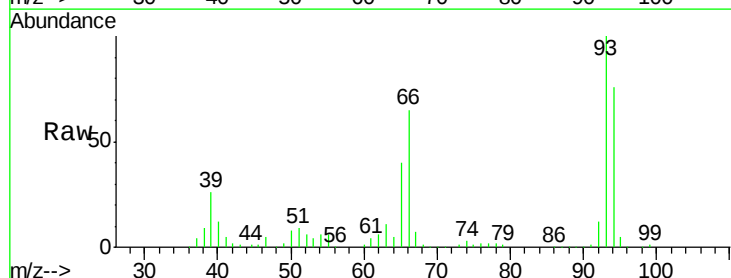
Tgt Ion: 94 Resp: 251582

Ion Ratio Lower Upper

94 100

65 52.8 28.4 68.4

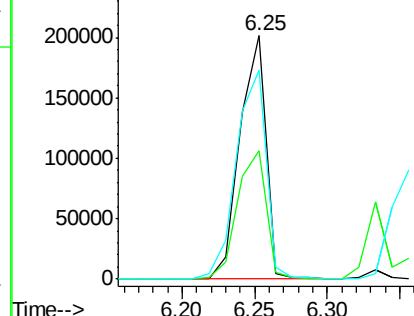
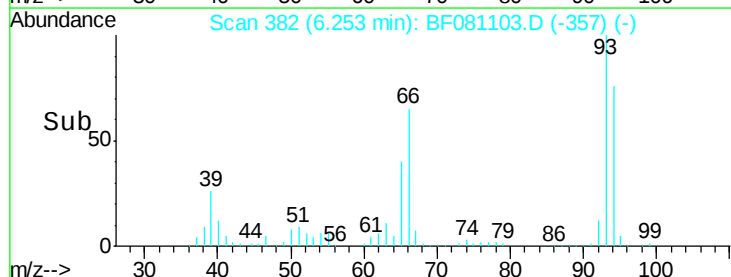
66 86.0 52.3 92.3

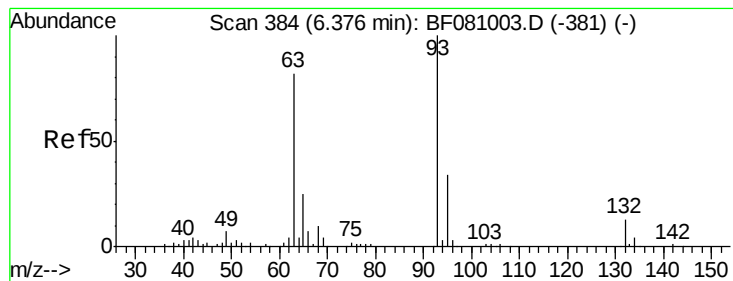


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.70 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

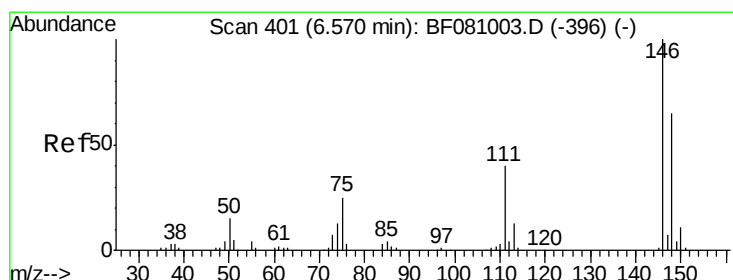
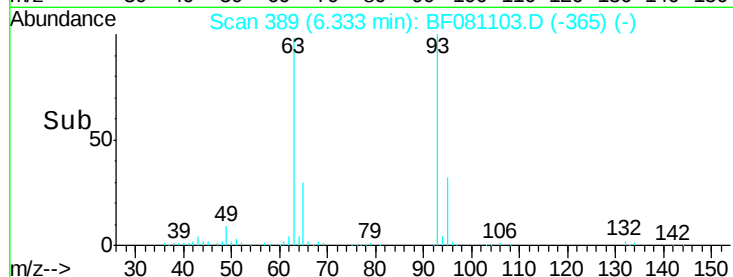
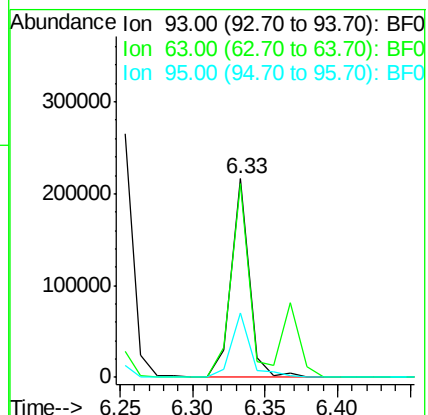
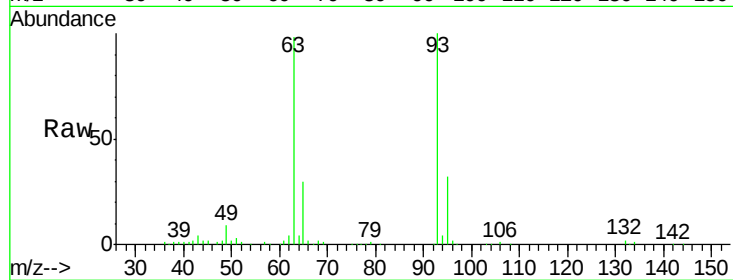
Tot Ion: 93 Resp: 188943

Ion Ratio Lower Upper

93 100

63 97.8 69.6 109.6

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 43.30 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

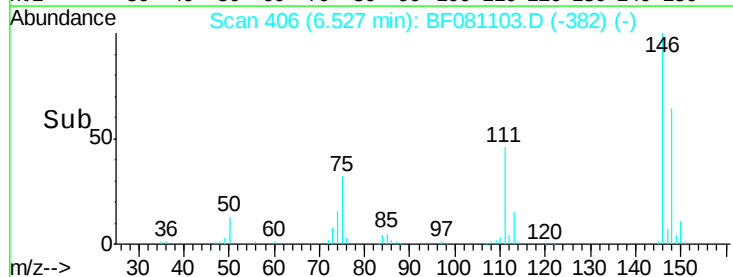
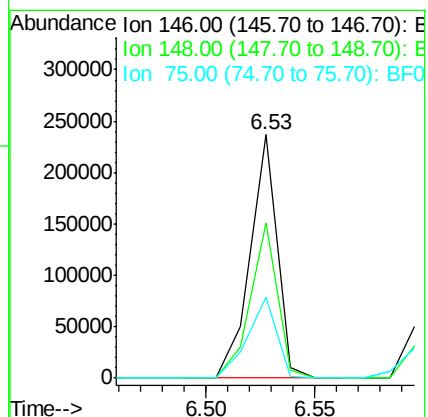
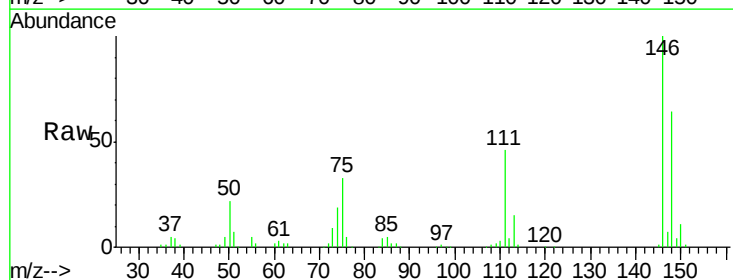
Tgt Ion: 146 Resp: 204974

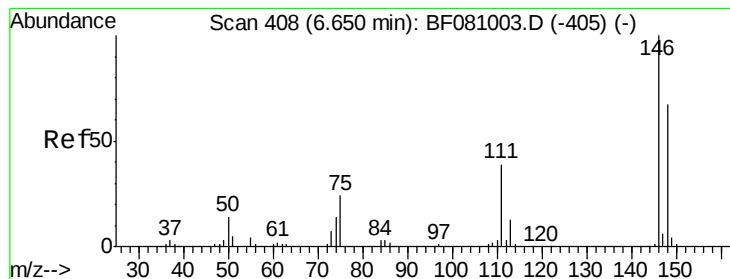
Ion Ratio Lower Upper

146 100

148 63.7 53.3 79.9

75 33.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 44.21 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

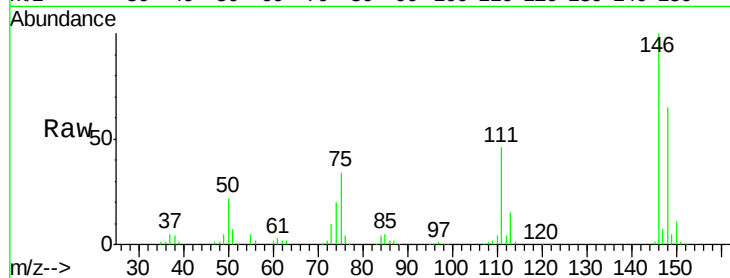
Tot Ion:146 Resp: 207213

Ion Ratio Lower Upper

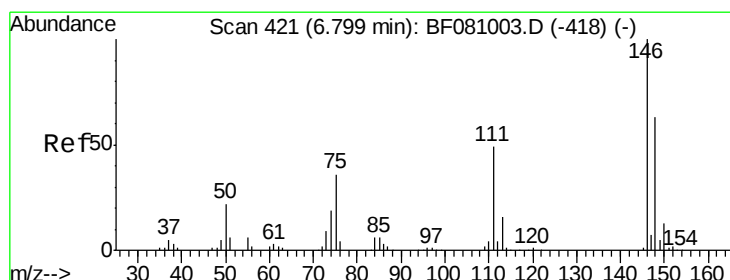
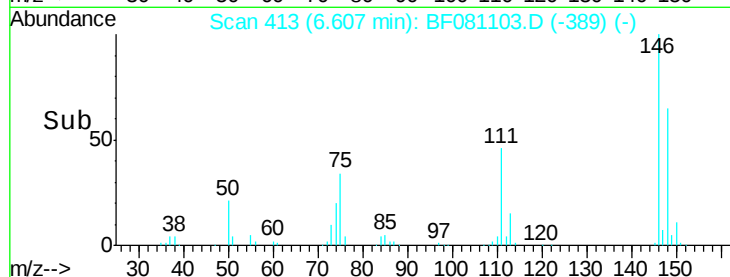
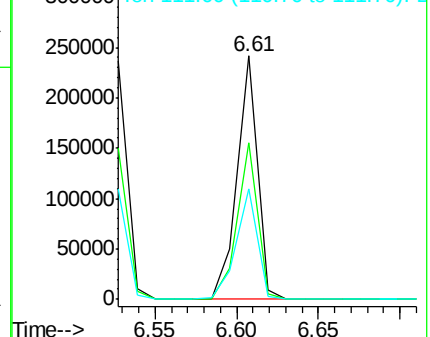
146 100

148 64.5 52.3 78.5

111 45.6 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: 37.51 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

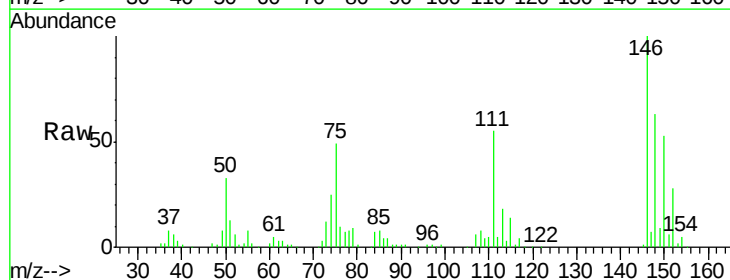
Tgt Ion:146 Resp: 164576

Ion Ratio Lower Upper

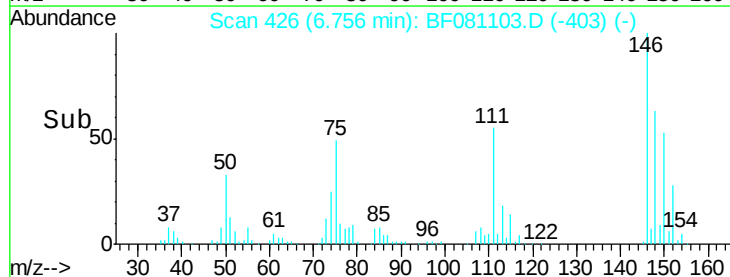
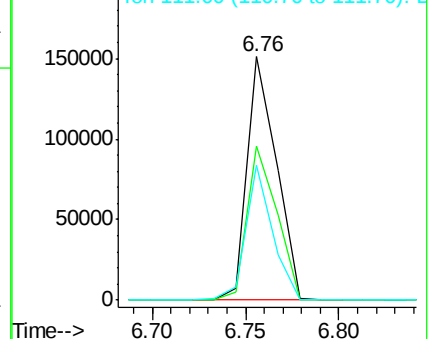
146 100

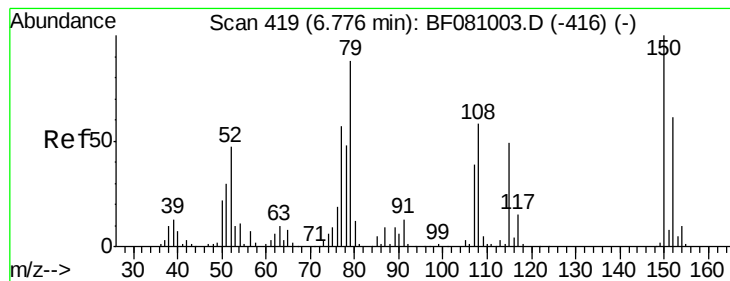
148 63.4 48.7 73.1

111 55.2 42.3 63.5



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





#15

Benzyl Alcohol

Concen: 41.62 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampled :

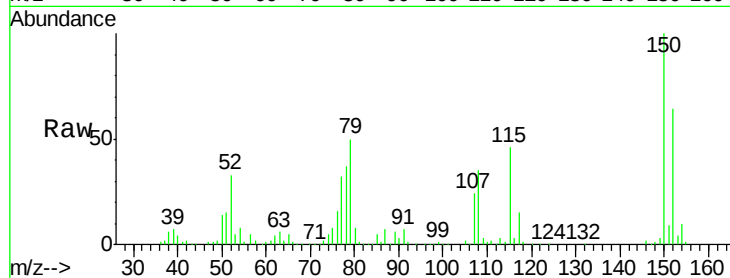
Tot Ion: 79 Resp: 176828

Ion Ratio Lower Upper

79 100

108 70.7 49.4 74.2

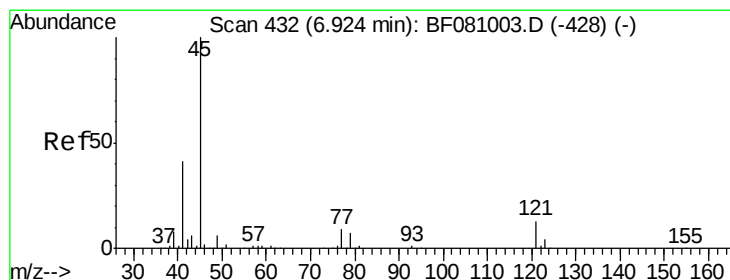
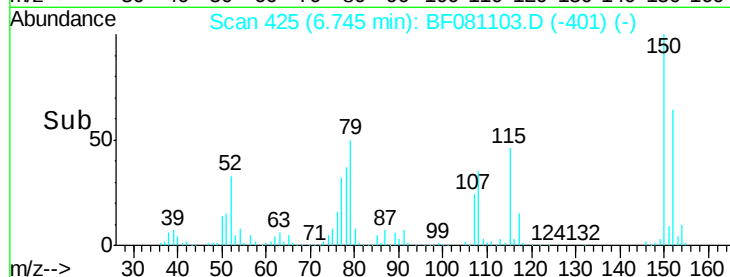
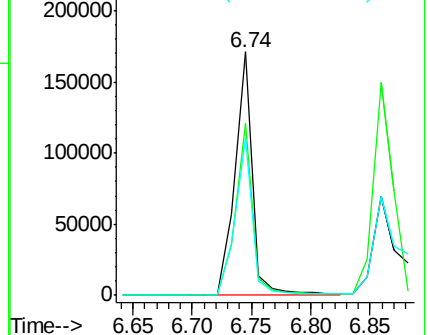
77 64.9 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.95 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

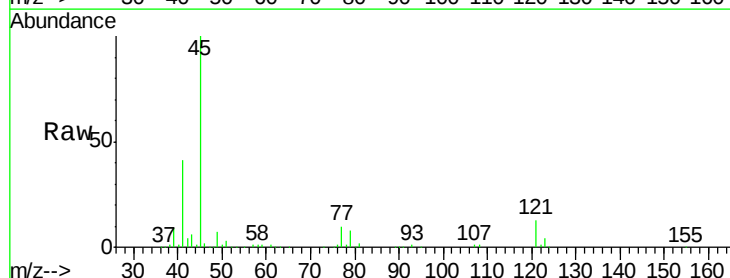
Tgt Ion: 45 Resp: 364230

Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.2

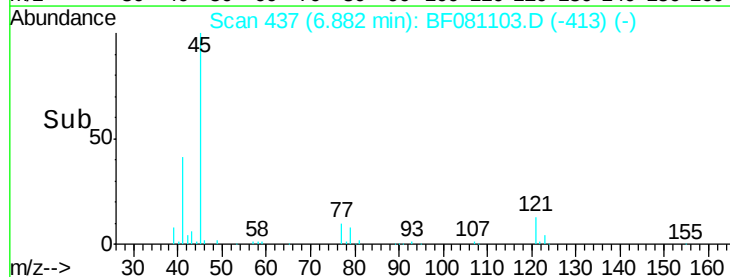
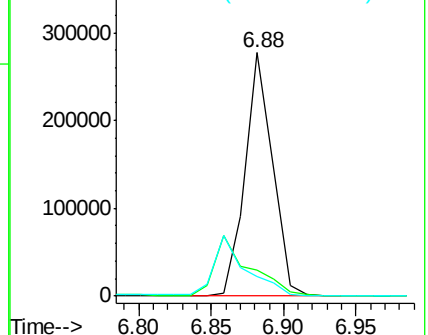
79 8.2 0.0 28.0

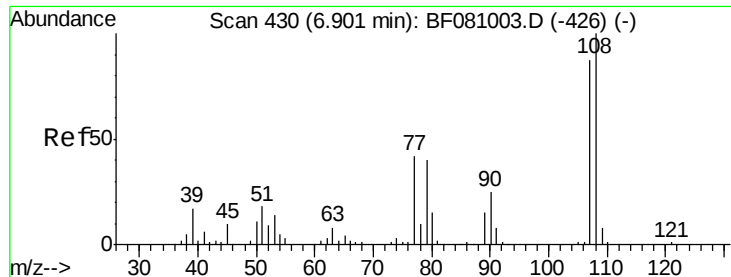


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

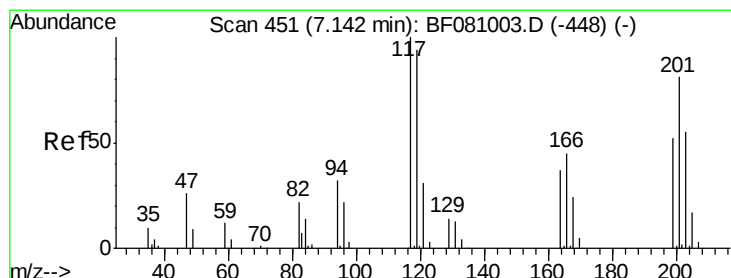
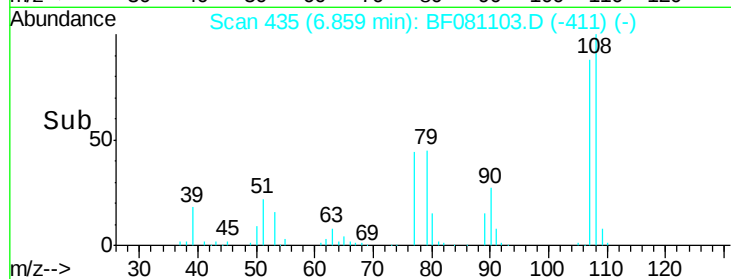
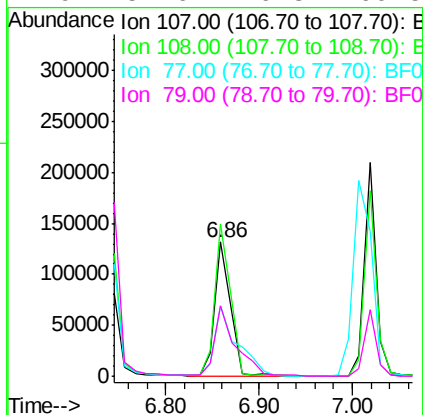
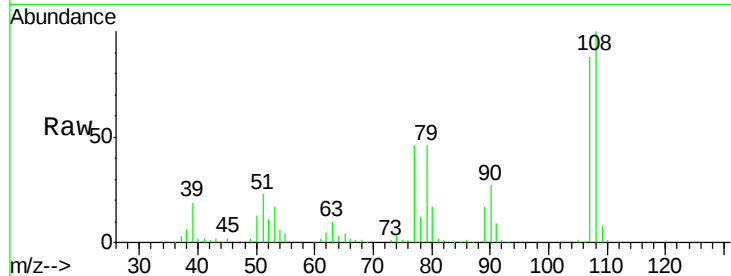




#17
2-Methylphenol
Concen: 40.99 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

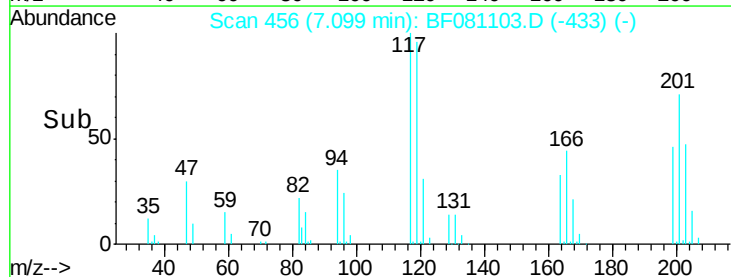
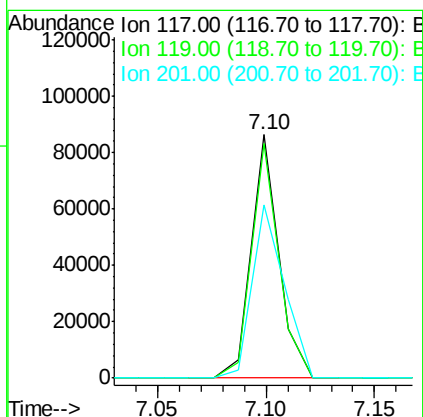
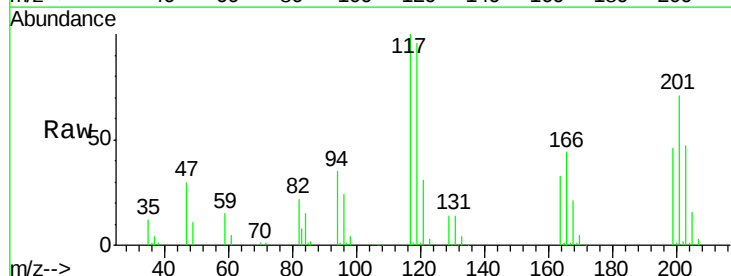
Instrument :
BNA_F
ClientSampleId :

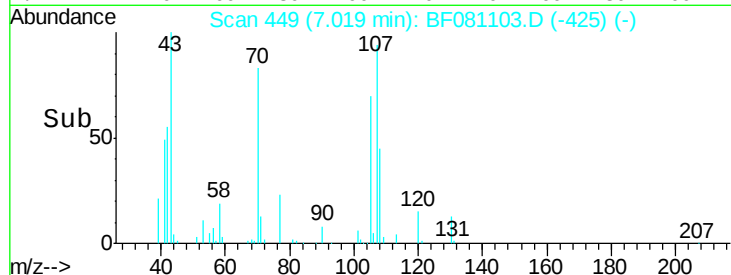
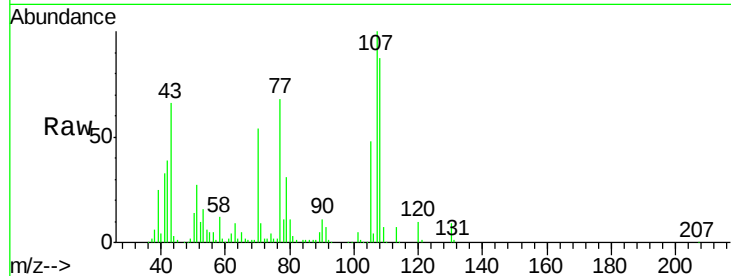
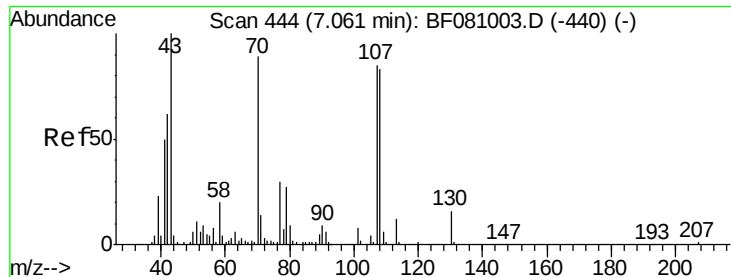
Tot Ion:	107	Resp:	154953
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.4	135.6
77	52.6	46.5	69.7
79	52.6	46.3	69.5



#18
Hexachloroethane
Concen: 39.88 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion:	117	Resp:	75532
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.9	116.9
201	71.2	61.3	91.9

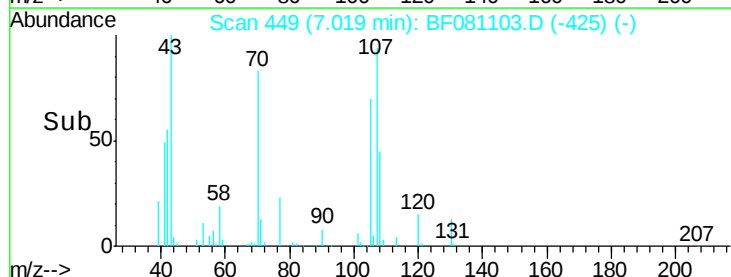
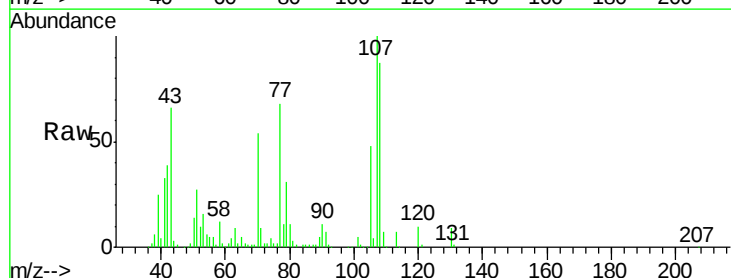
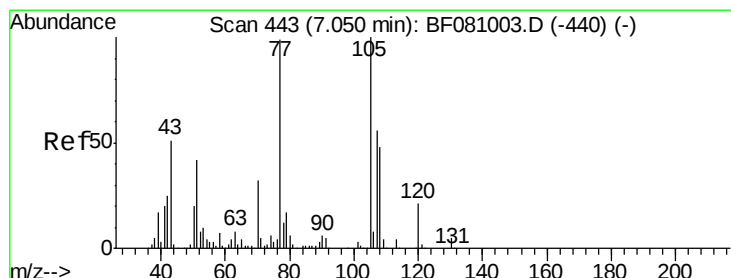
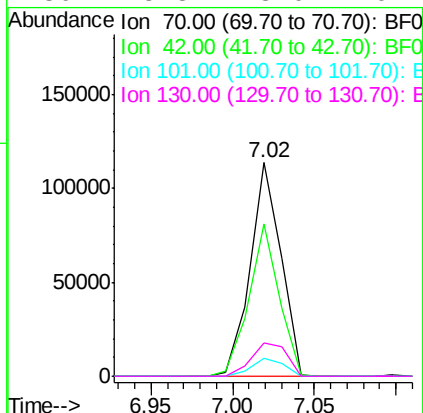




#19
n-Nitroso-di-n-propylamine
Concen: 40.73 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

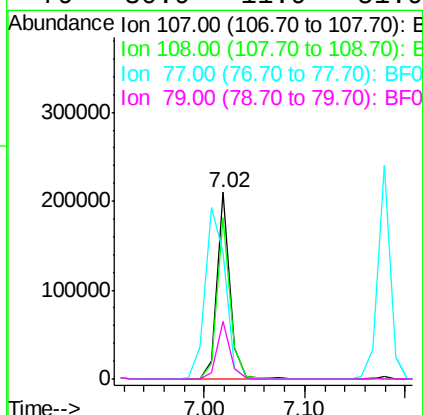
Instrument :
BNA_F
ClientSampleId :

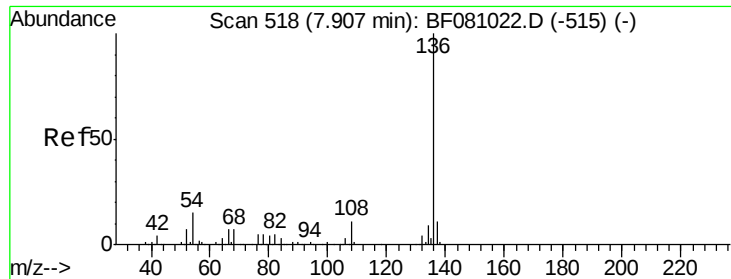
Tot Ion:	70	Resp:	148172
Ion	Ratio	Lower	Upper
70	100		
42	71.3	65.0	97.4
101	8.3	7.4	11.2
130	15.8	13.0	19.4



#20
3+4-Methylphenols
Concen: 38.98 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion:	107	Resp:	187021
Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.1	106.1
77	67.8	139.3	179.3#
79	30.9	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081103.D

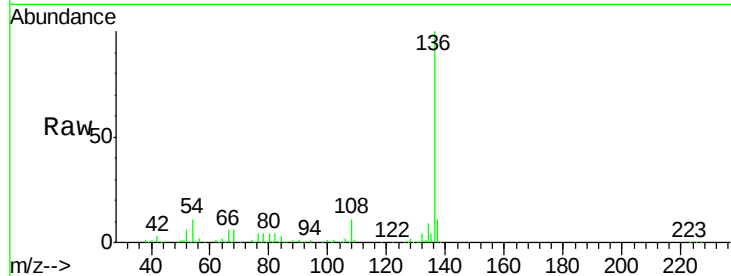
Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	252022
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	11.4	7.7 11.5
68	6.1	3.4 5.2#

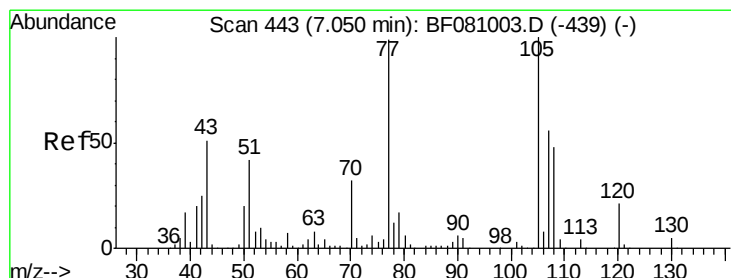
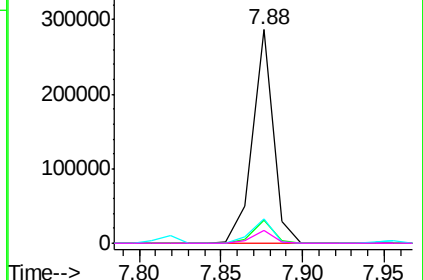
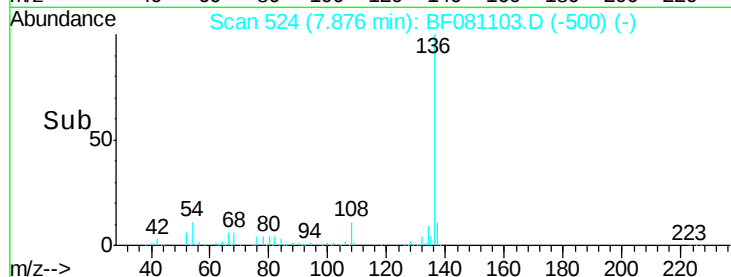


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.29 ng

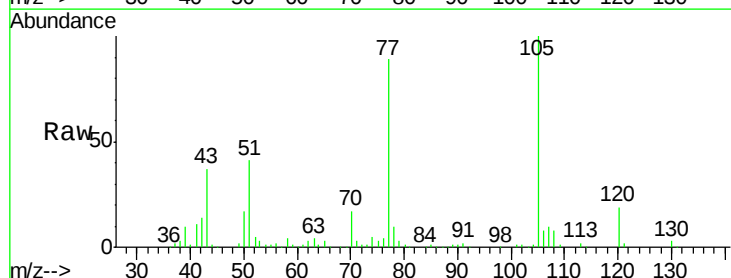
RT: 7.01 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Tgt Ion:105	Resp:	246759
Ion Ratio	Lower	Upper
105	100	
71	2.8	3.0 4.6#
51	40.5	39.8 59.8
120	19.4	15.8 23.8

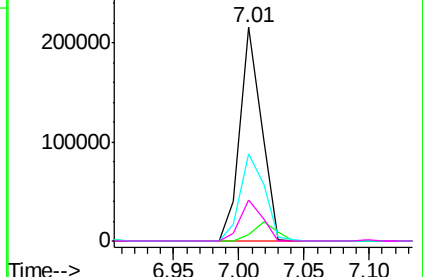
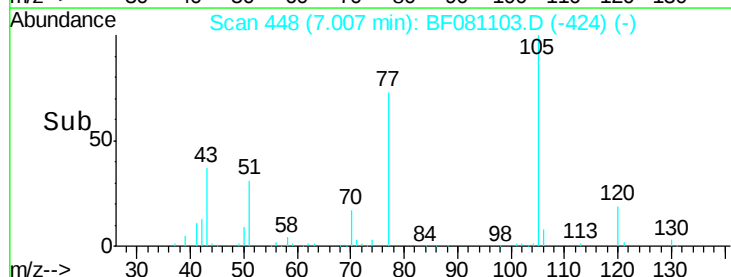


Abundance Ion 105.00 (104.70 to 105.70): E

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

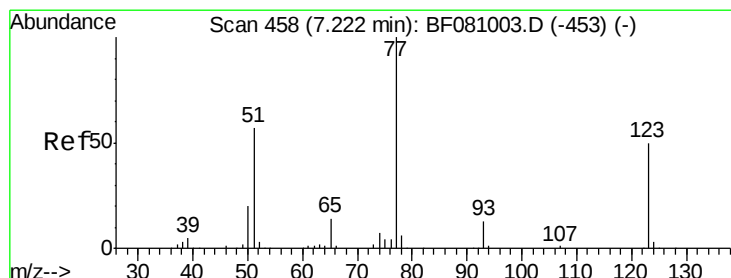
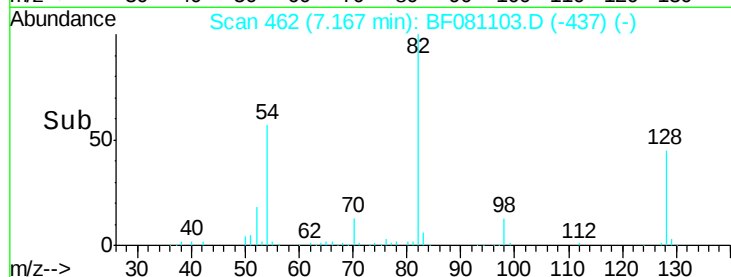
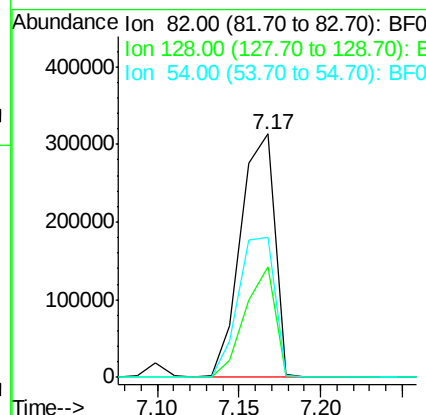
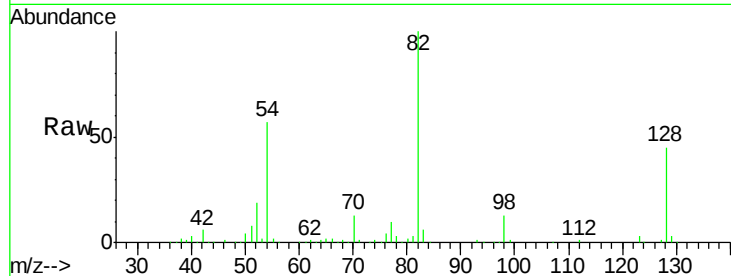




#23
 Nitrobenzene-d5
 Concen: 82.03 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

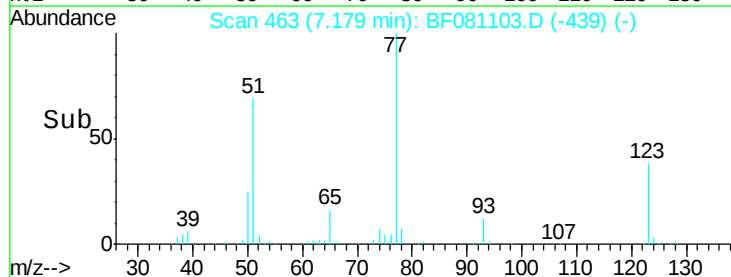
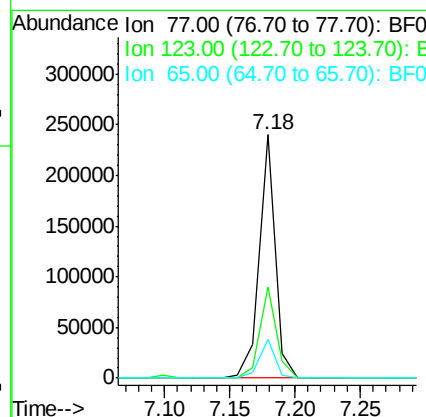
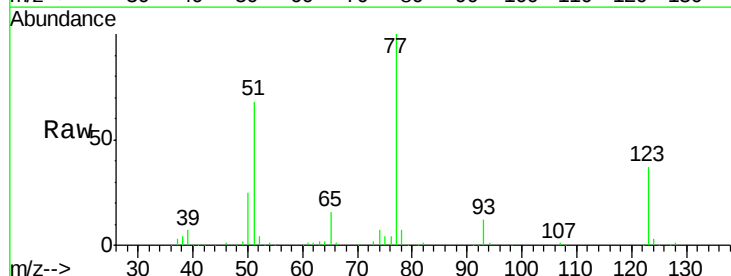
Instrument :
 BNA_F
 ClientSampleId :

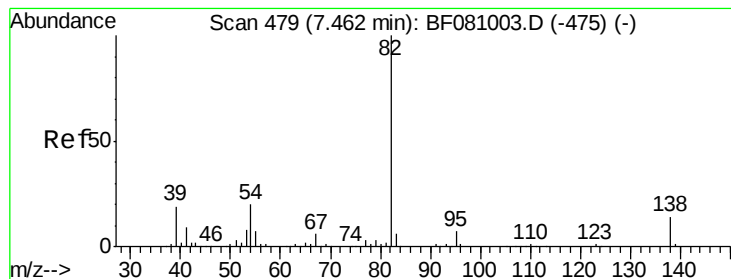
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	28.6	42.8#
54	57.5	55.1	82.7



#24
 Nitrobenzene
 Concen: 35.90 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	32.9	49.3
65	15.8	12.5	18.7





#25

Isophorone

Concen: 40.47 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

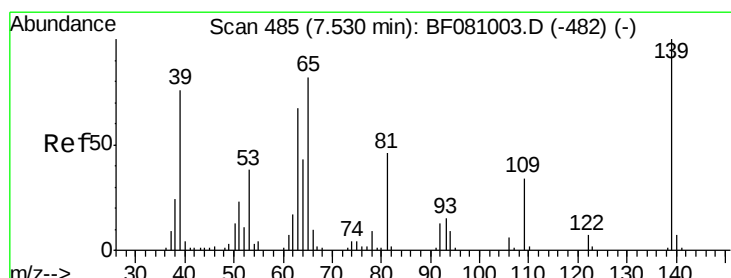
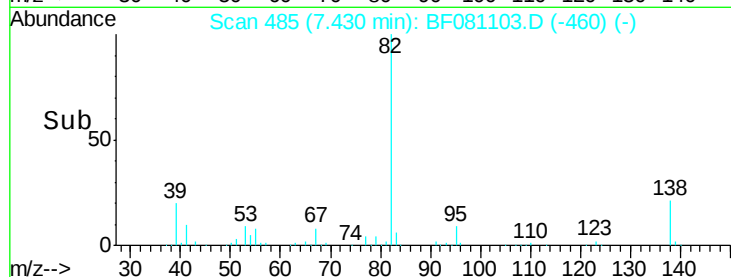
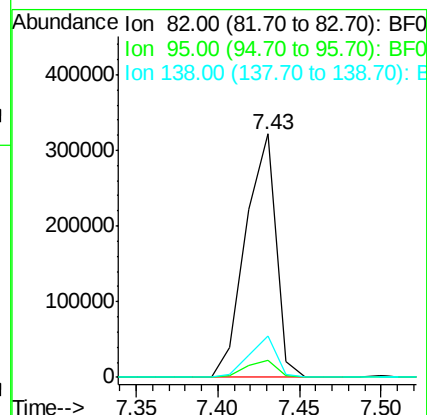
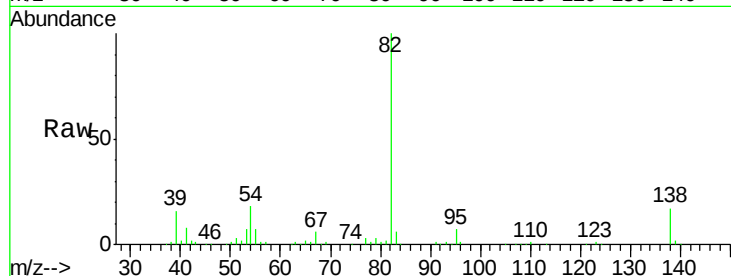
Tot Ion: 82 Resp: 416395

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 16.8 10.5 15.7#



#26

2-Nitrophenol

Concen: 44.38 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

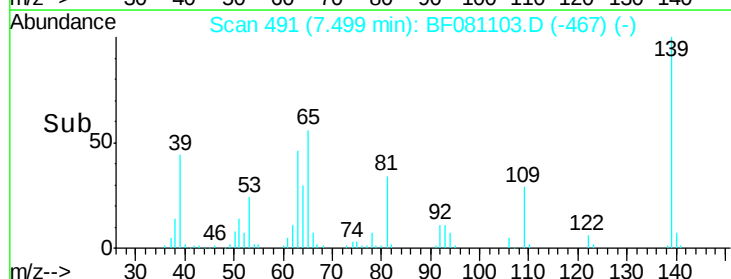
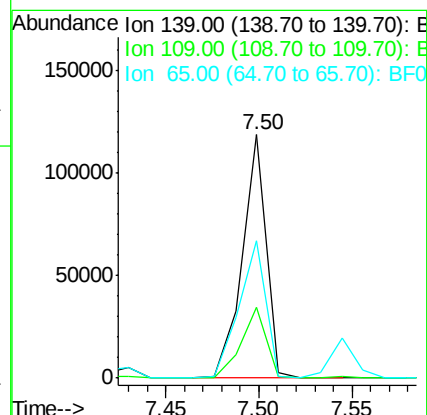
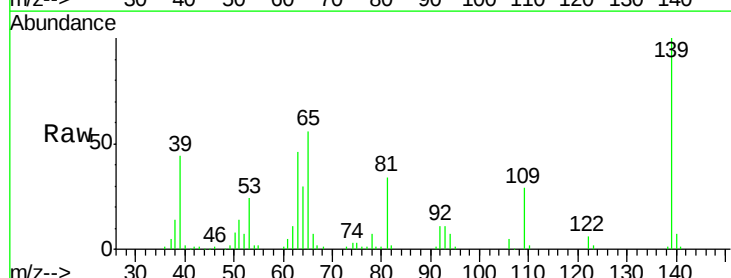
Tgt Ion: 139 Resp: 106457

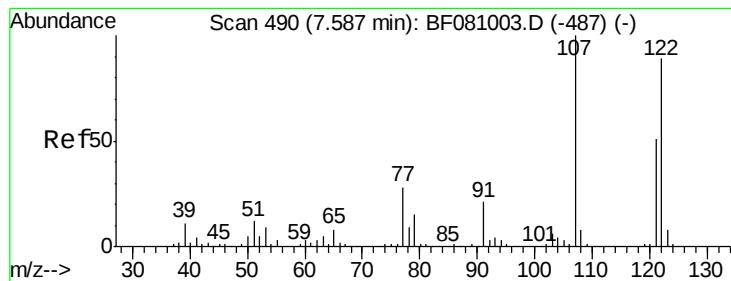
Ion Ratio Lower Upper

139 100

109 29.1 32.1 48.1#

65 56.3 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 36.19 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

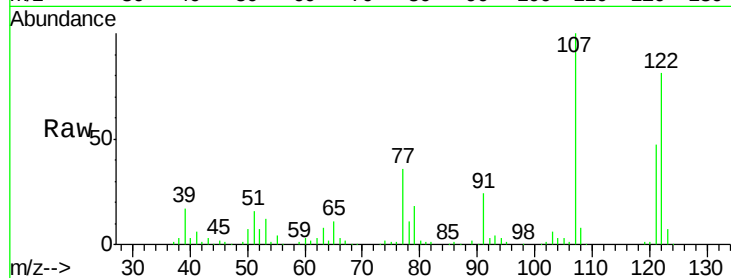
Tot Ion:122 Resp: 153566

Ion Ratio Lower Upper

122 100

107 123.2 103.8 155.6

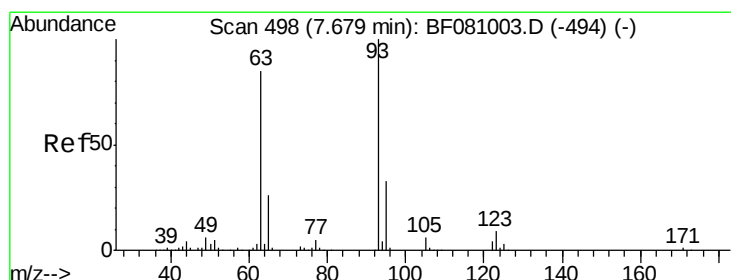
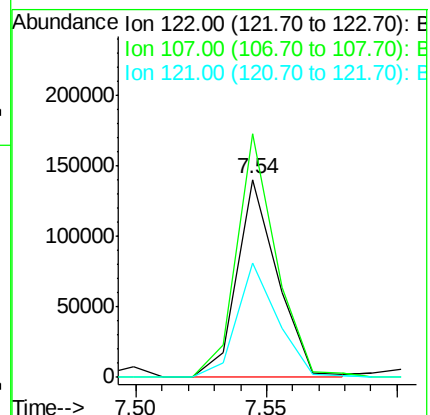
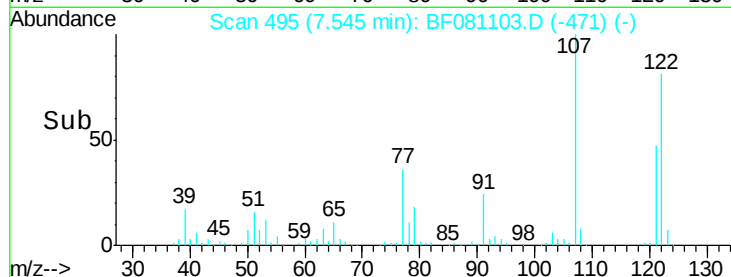
121 57.6 47.0 70.4



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: 41.62 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

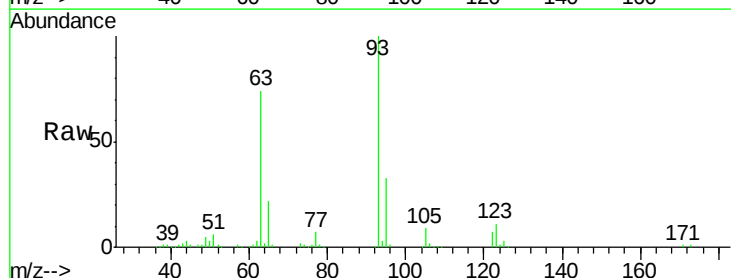
Tgt Ion: 93 Resp: 252950

Ion Ratio Lower Upper

93 100

95 33.4 25.8 38.8

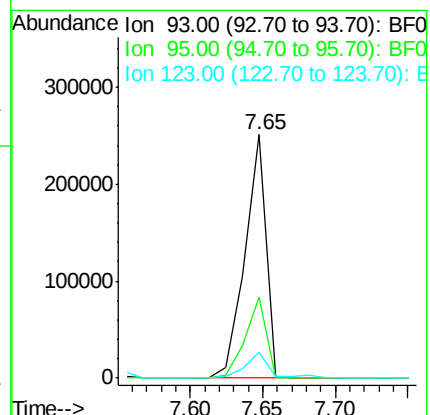
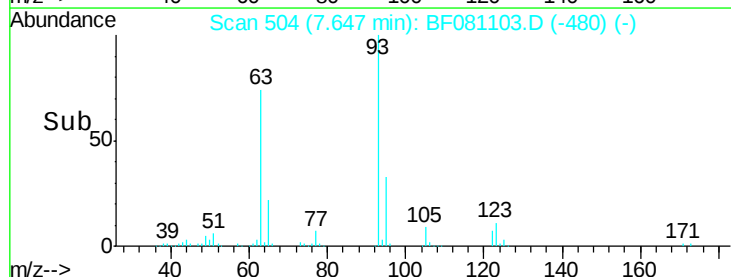
123 10.6 7.4 11.0

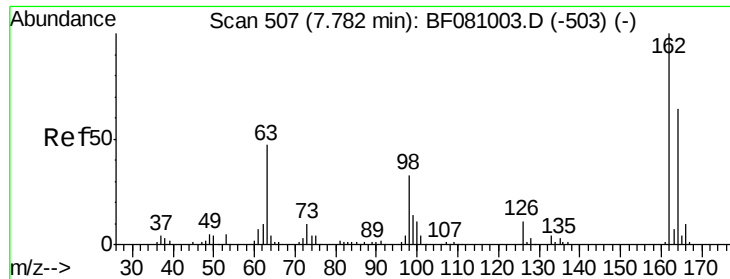


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

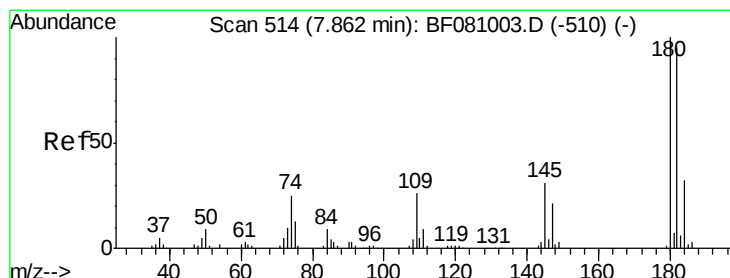
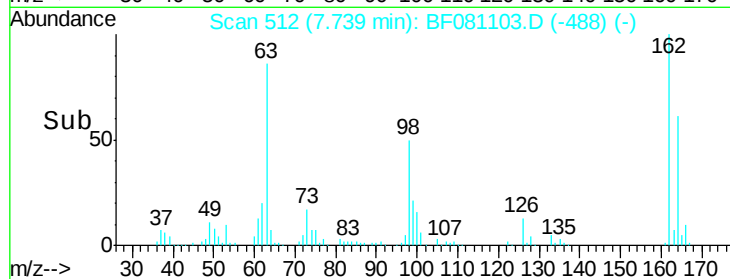
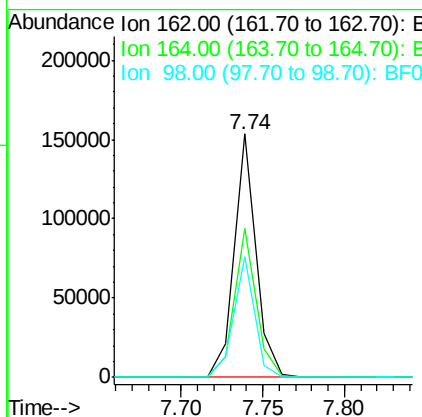
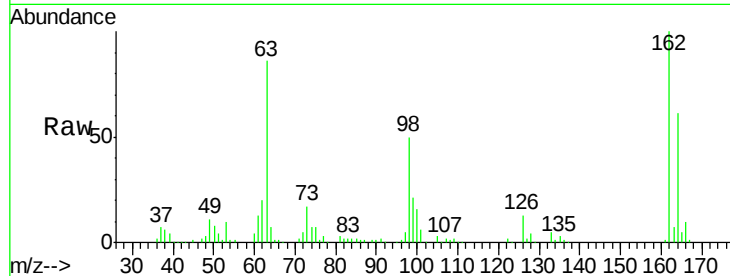




#29
 2,4-Dichlorophenol
 Concen: 39.38 ng
 RT: 7.74 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

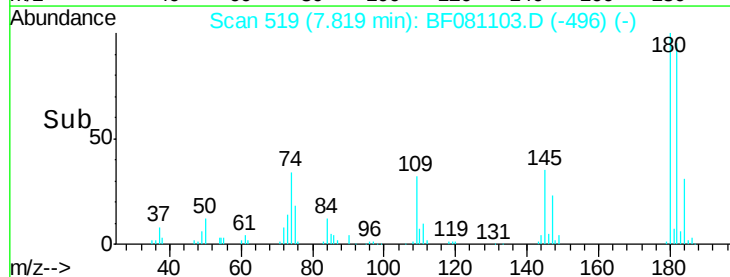
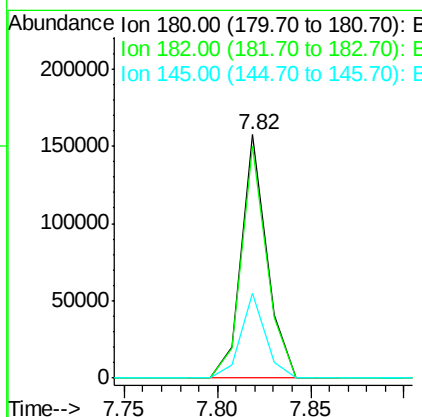
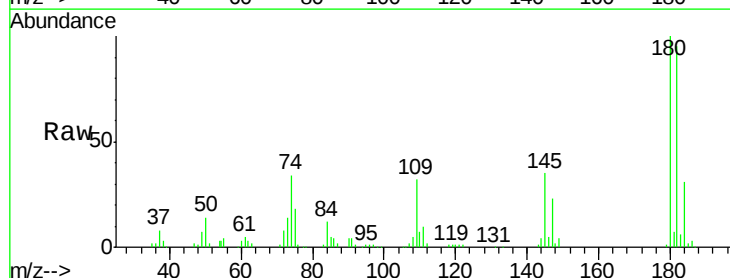
Instrument :
 BNA_F
 ClientSampleId :

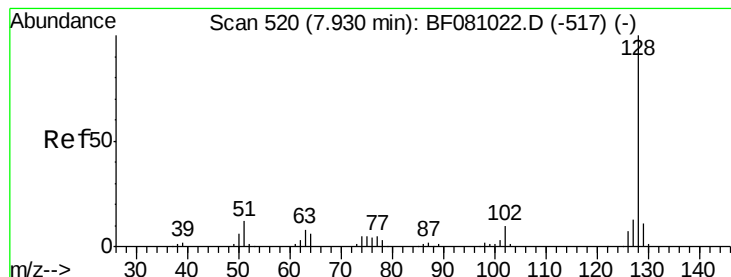
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	43.2	83.2
98	49.6	12.3	52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 37.80 ng
 RT: 7.82 min Scan# 519
 Delta R.T. -0.04 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	34.9	25.4	38.2





#31

Naphthalene

Concen: 41.25 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

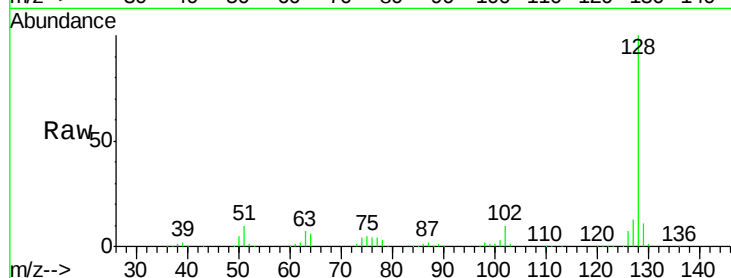
Tot Ion:128 Resp: 579504

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

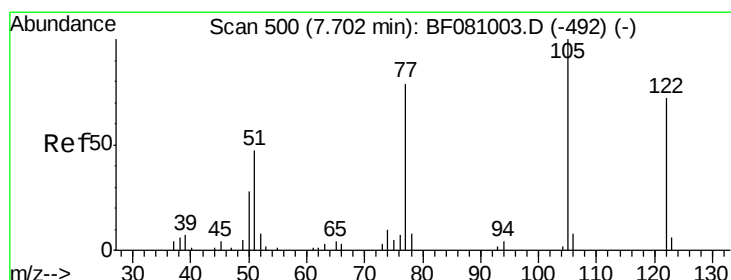
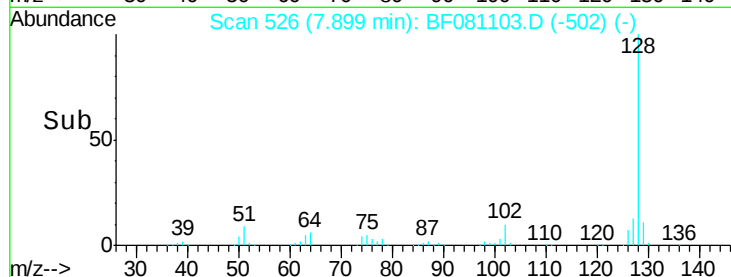
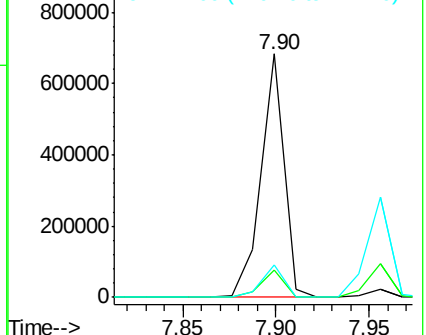
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.77 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

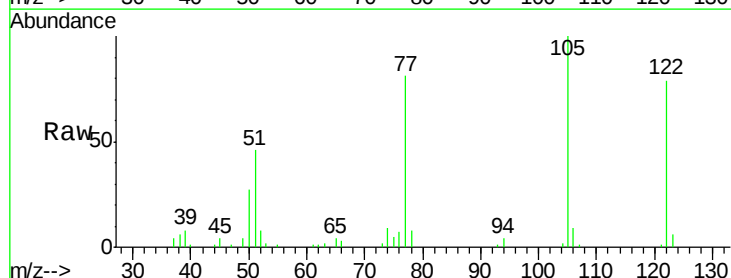
Tgt Ion:122 Resp: 92553

Ion Ratio Lower Upper

122 100

105 127.0 113.8 153.8

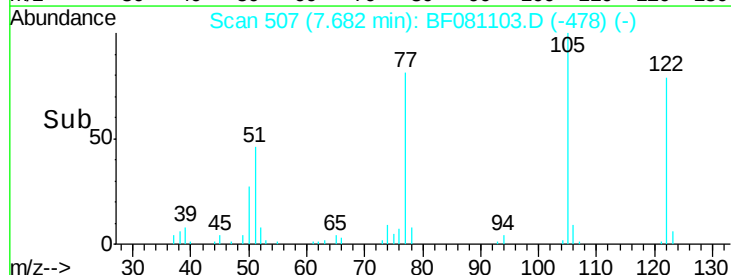
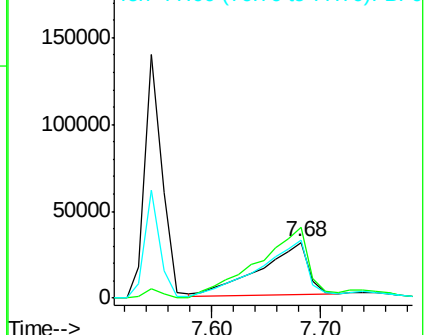
77 103.4 93.8 133.8

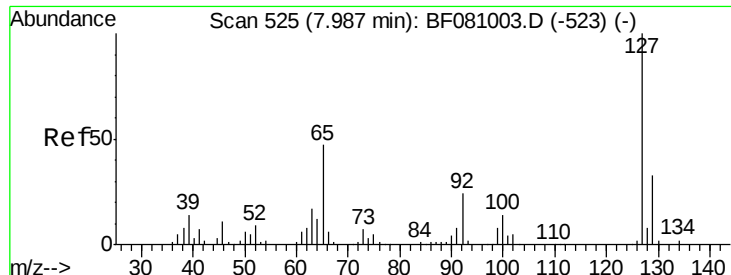


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

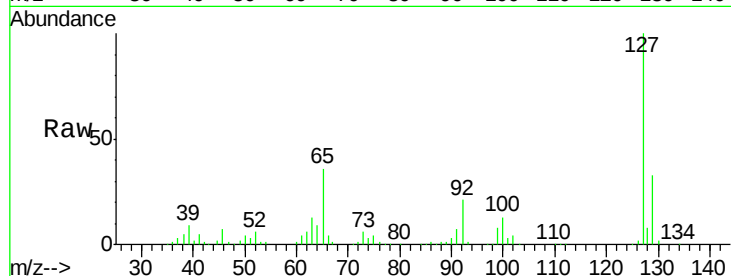




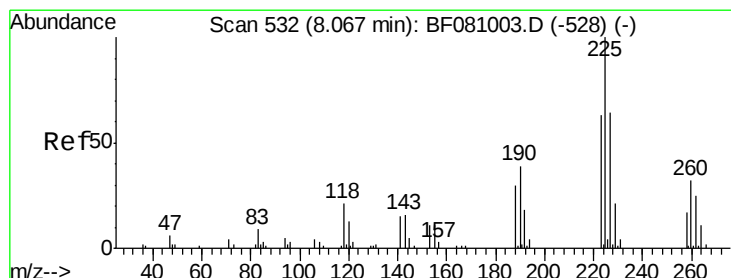
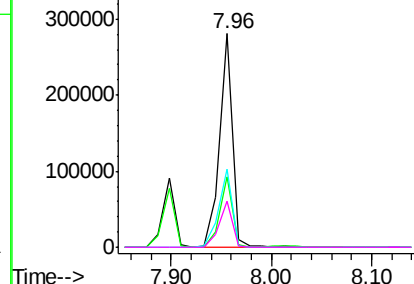
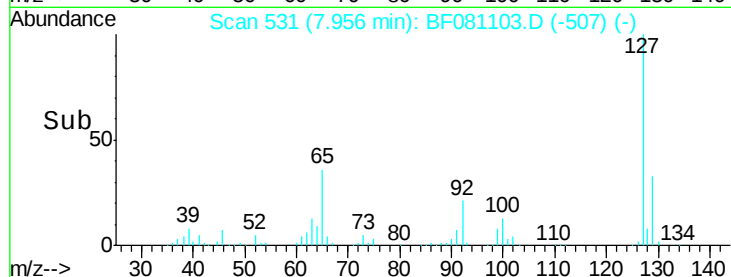
#33
4-Chloroaniline
Concen: 42.12 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	249676
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.2	37.8
65	36.3	37.8	56.6
92	21.5	19.5	29.3

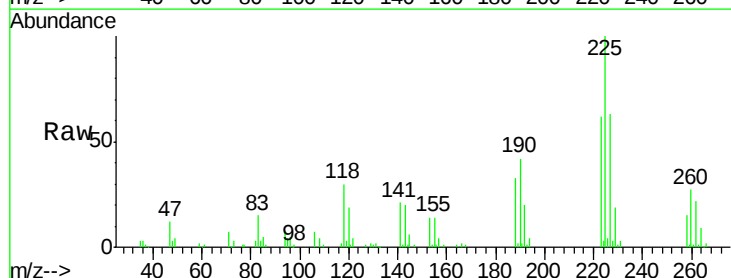


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

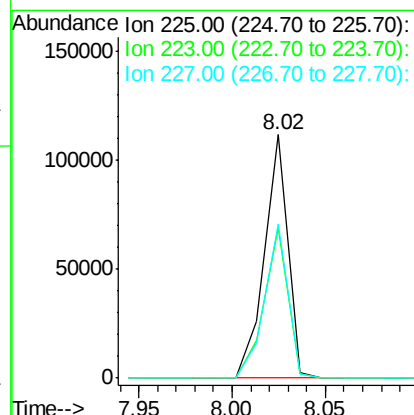
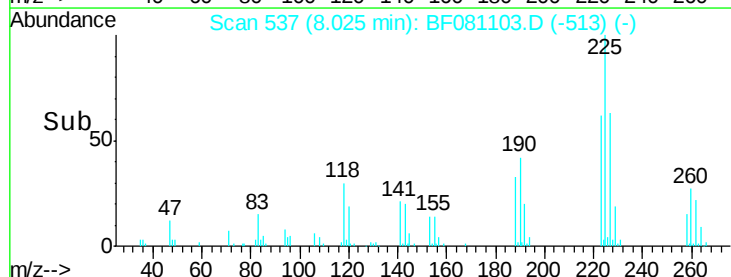


#34
Hexachlorobutadiene
Concen: 43.03 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion:	225	Resp:	96623
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.6	79.0
227	63.2	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: 43.73 ng

RT: 8.34 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampled :

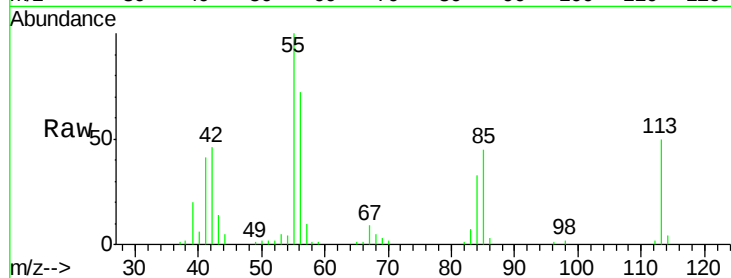
Tot Ion:113 Resp: 54608

Ion Ratio Lower Upper

113 100

55 199.7 280.4 320.4#

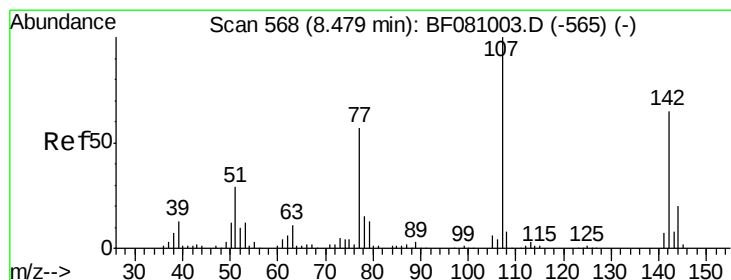
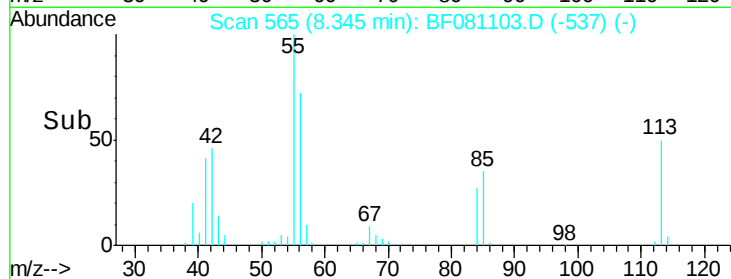
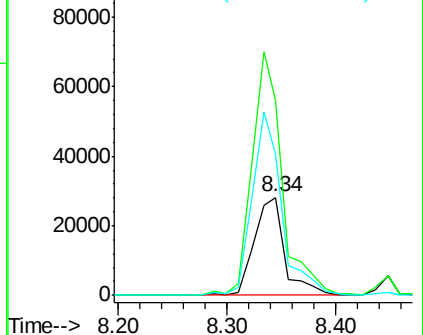
56 144.1 205.9 245.9#



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: 43.83 ng

RT: 8.45 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

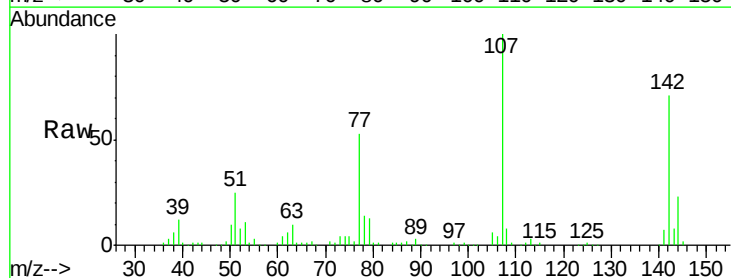
Tgt Ion:107 Resp: 186629

Ion Ratio Lower Upper

107 100

144 22.6 17.2 25.8

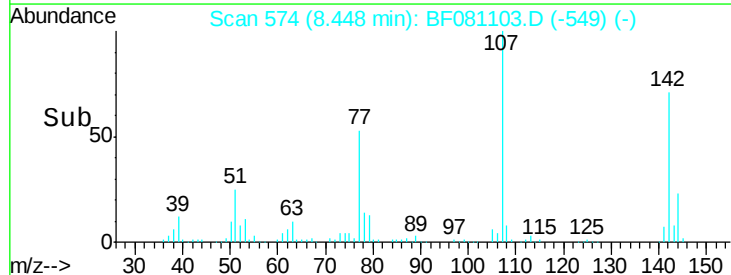
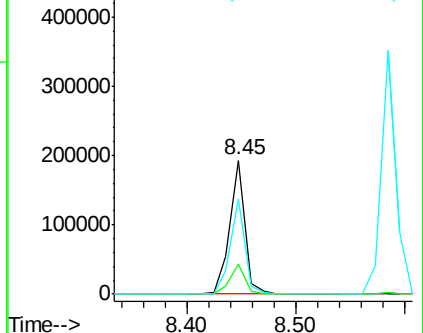
142 71.1 54.9 82.3

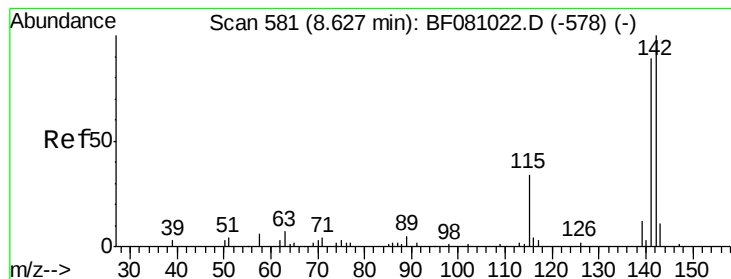


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

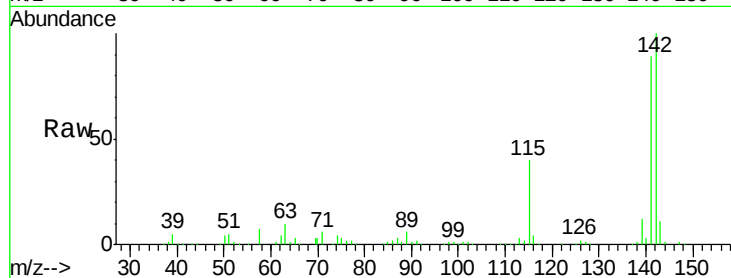




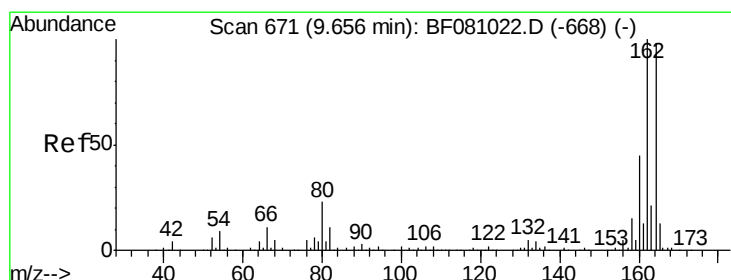
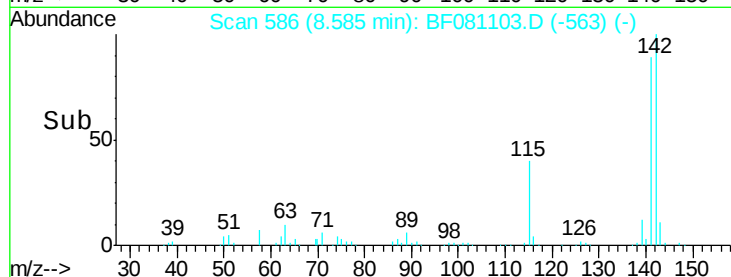
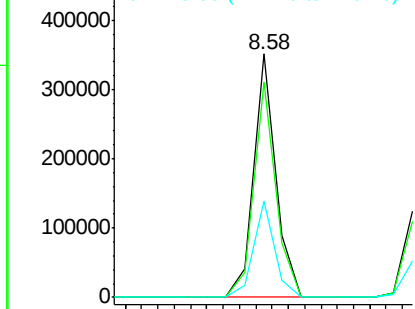
#37
2-Methylnaphthalene
Concen: 37.45 ng
RT: 8.58 min Scan# 586
Delta R.T. -0.04 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 332345
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 39.8 33.4 50.0

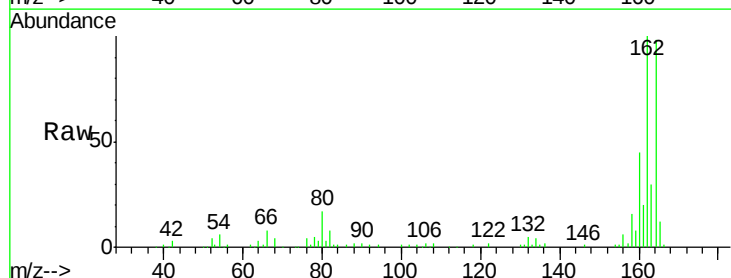


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

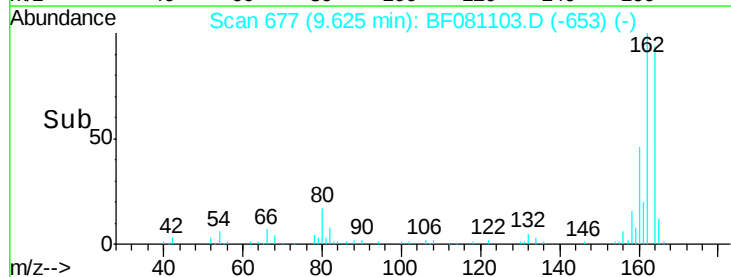
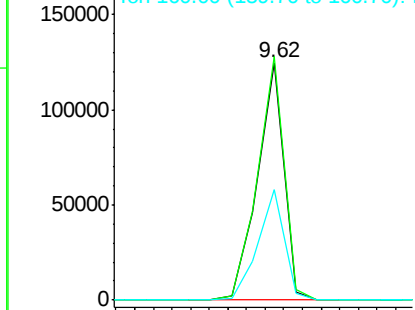


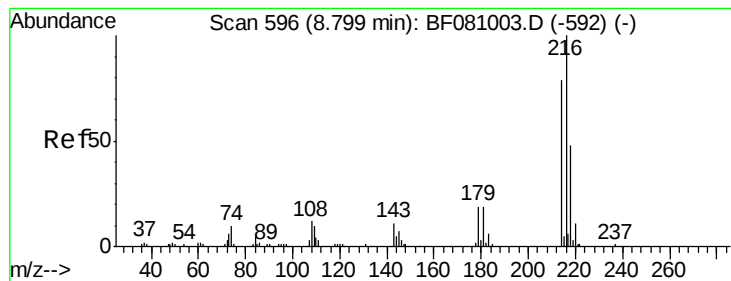
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion:164 Resp: 121644
Ion Ratio Lower Upper
164 100
162 102.4 83.8 125.8
160 46.5 39.8 59.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.27 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF081103.D

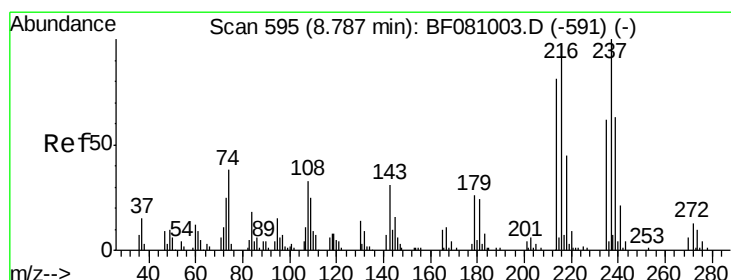
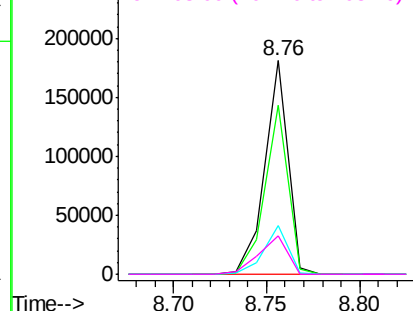
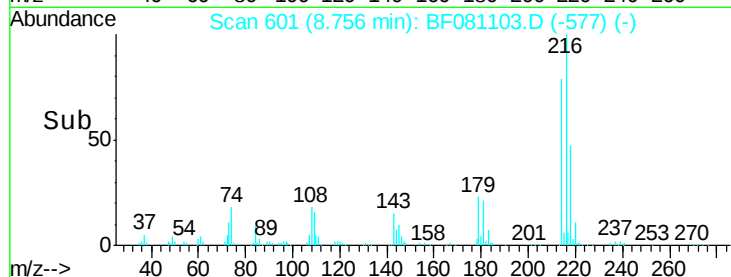
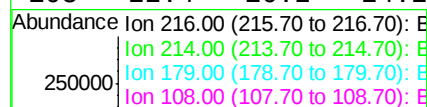
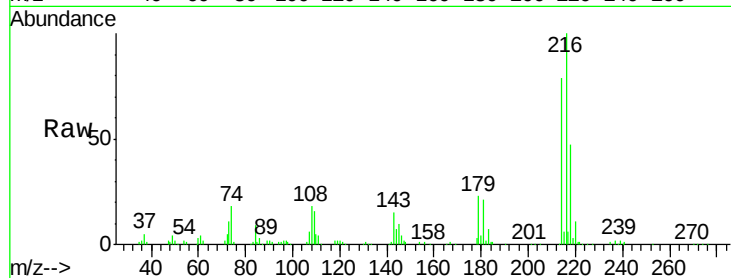
Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	154107
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.8 95.8
179	23.5	17.8 26.8
108	22.4	16.2 24.2



#40

Hexachlorocyclopentadiene

Concen: 40.15 ng

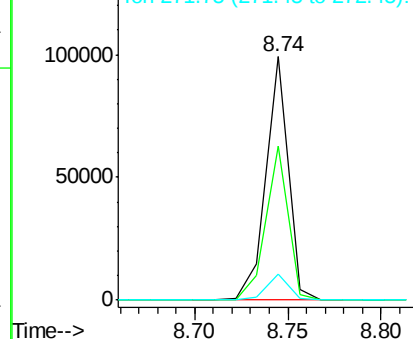
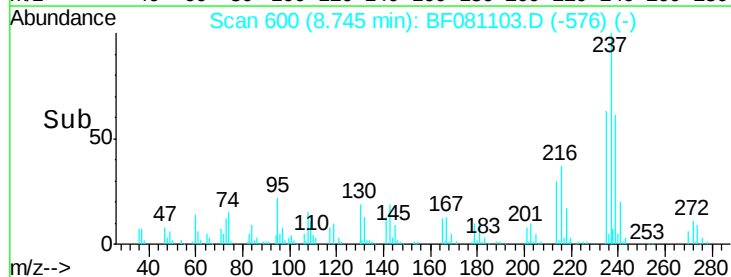
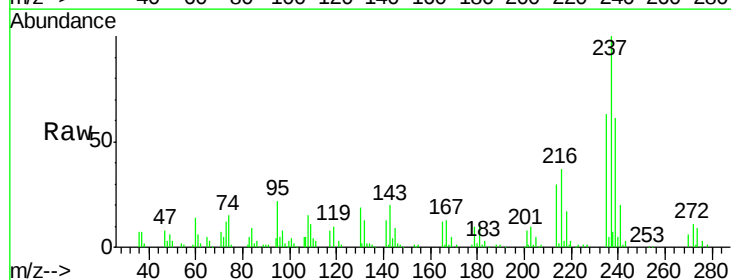
RT: 8.74 min Scan# 600

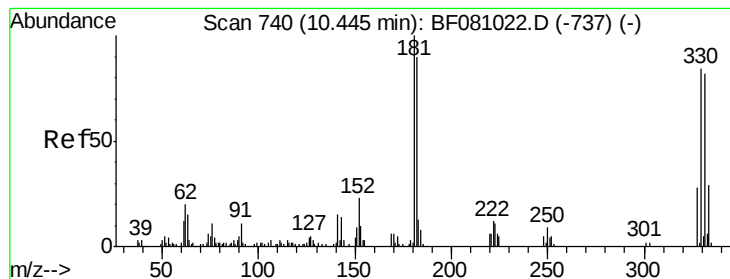
Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Tgt Ion:237	Resp:	81562
Ion Ratio	Lower	Upper
237	100	
235	63.3	43.6 83.6
272	10.9	0.0 32.2





#41

2,4,6-Tribromophenol

Concen: 72.26 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :
BNA_F
ClientSampled :

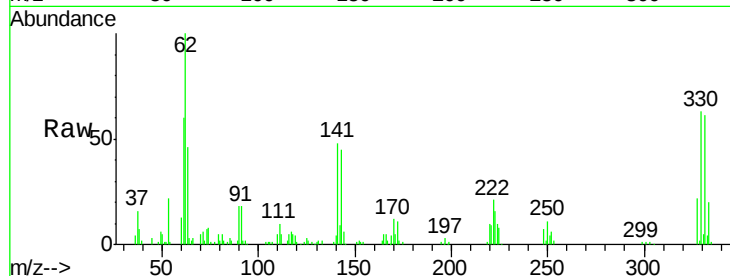
Tot Ion:330 Resp: 76190

Ion Ratio Lower Upper

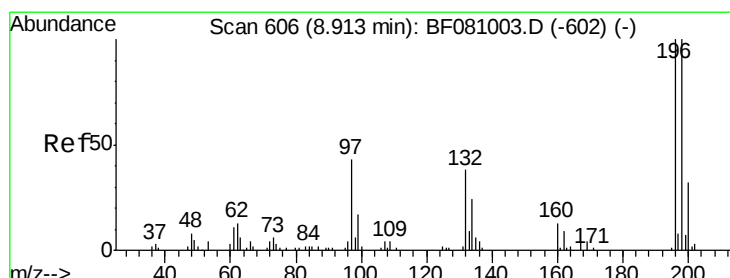
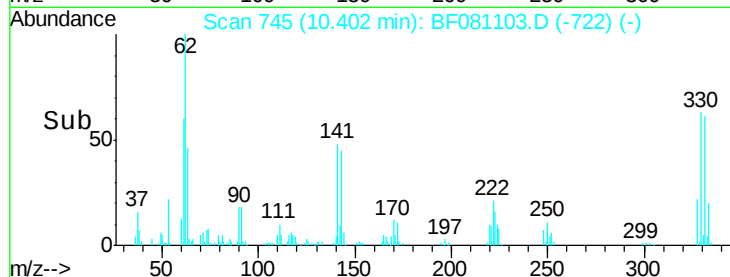
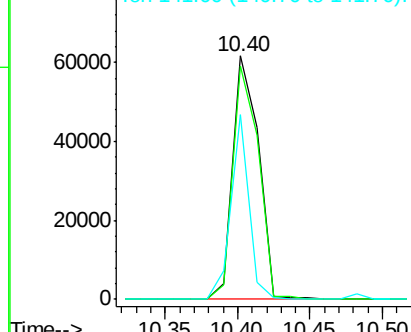
330 100

332 95.3 77.3 115.9

141 52.8 44.9 67.3



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



#42

2,4,6-Trichlorophenol

Concen: 39.67 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

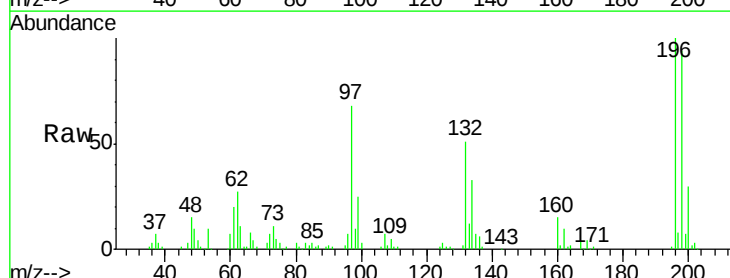
Tgt Ion:196 Resp: 109982

Ion Ratio Lower Upper

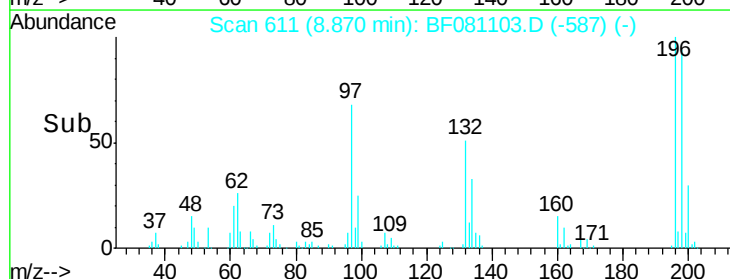
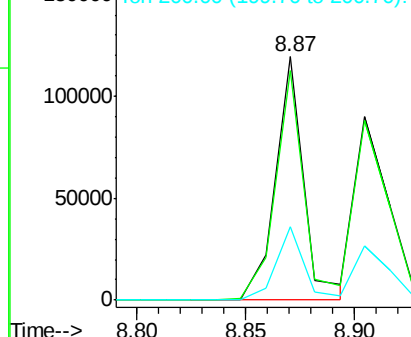
196 100

198 94.3 74.6 111.8

200 30.2 22.7 34.1



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

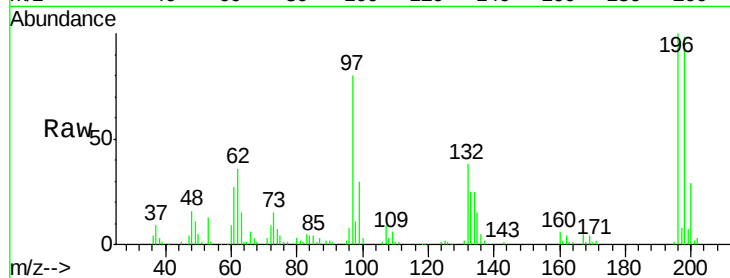




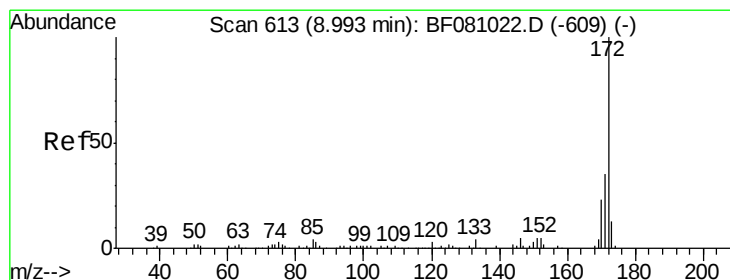
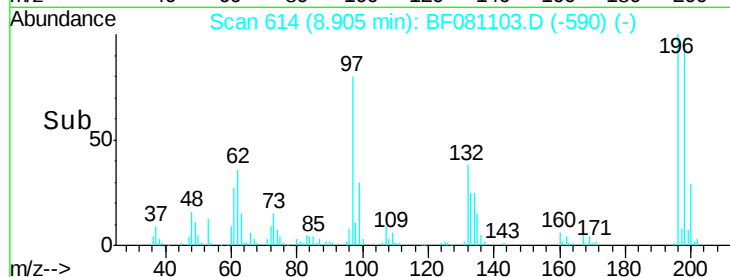
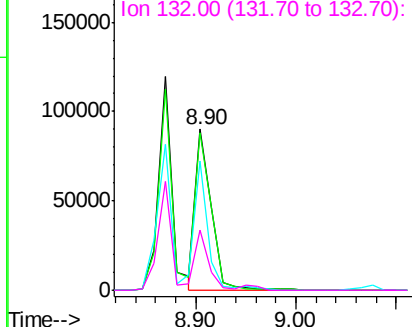
#43
 2,4,5-Trichlorophenol
 Concen: 36.32 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.3	117.5
97	80.1	42.7	64.1
132	37.7	23.3	34.9

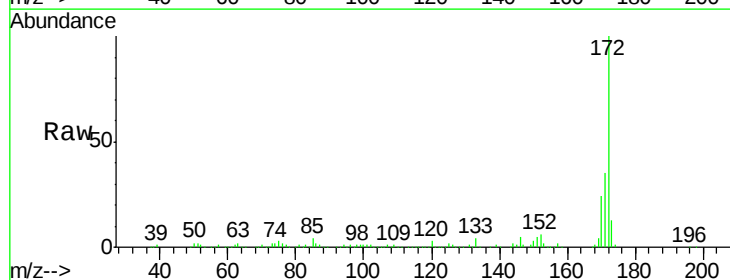


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

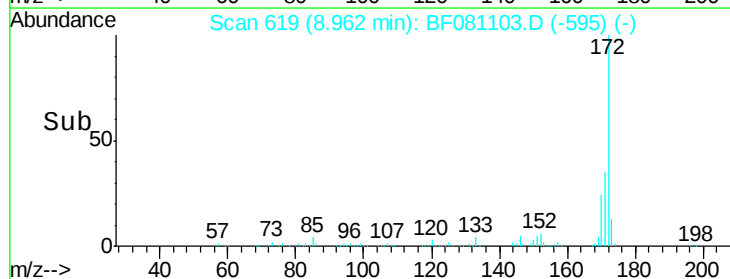
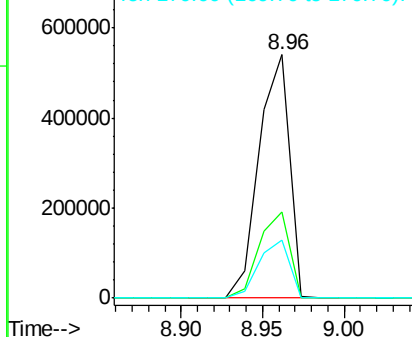


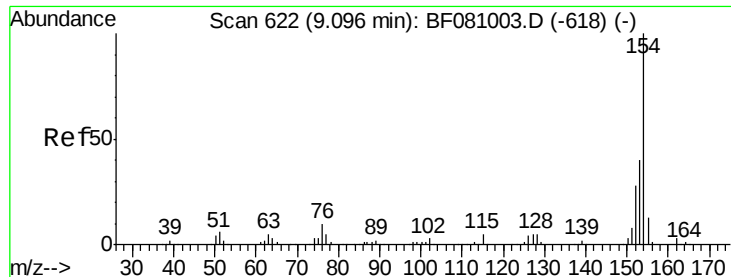
#44
 2-Fluorobiphenyl
 Concen: 75.47 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.7	19.4	29.2



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

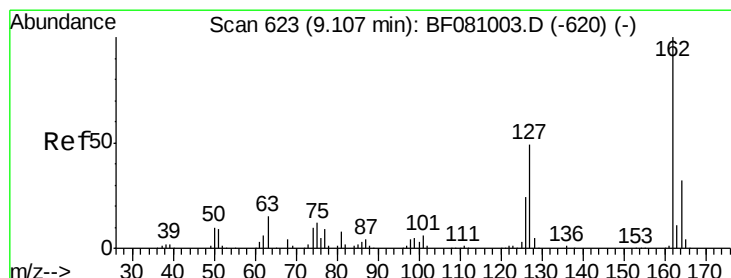
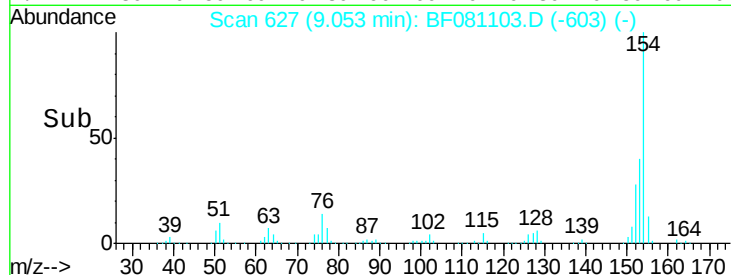
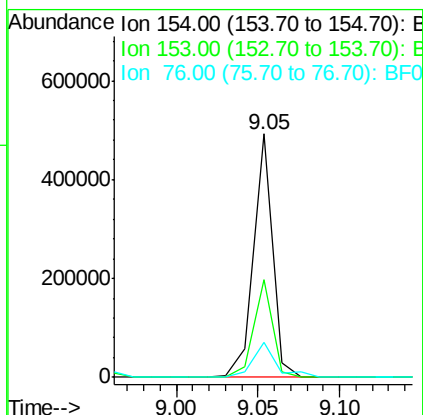
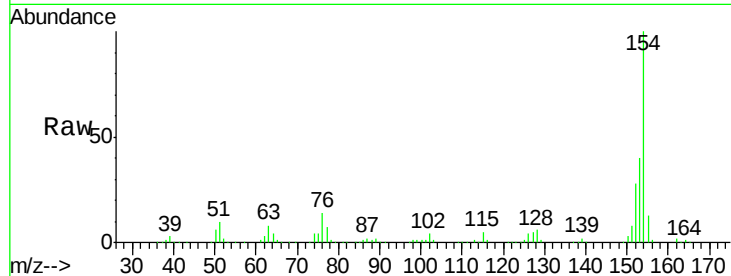




#45
 1,1'-Biphenyl
 Concen: 37.33 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

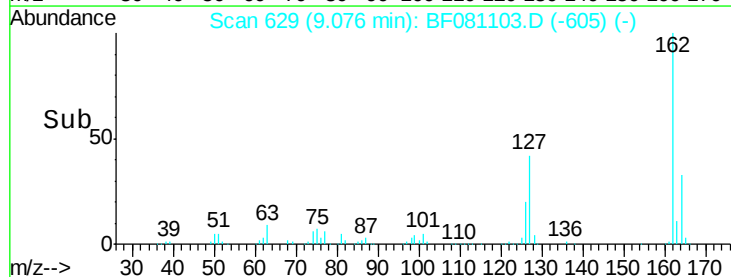
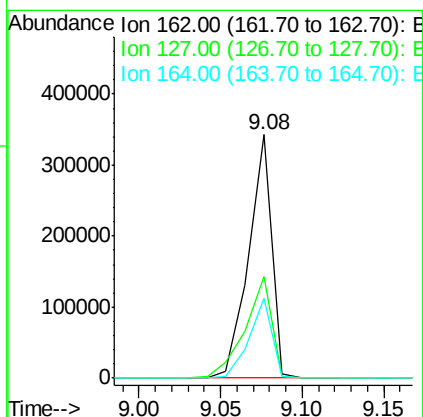
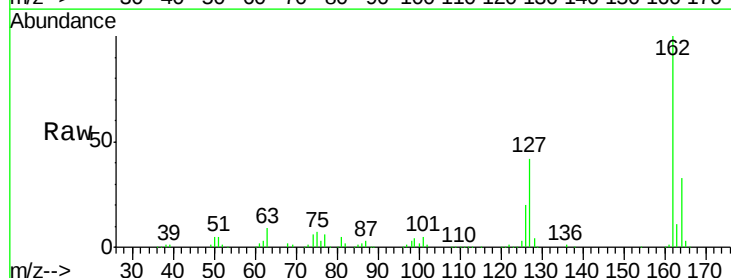
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 399944
 Ion Ratio Lower Upper
 154 100
 153 40.4 19.5 59.5
 76 14.1 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 38.88 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion:162 Resp: 334701
 Ion Ratio Lower Upper
 162 100
 127 41.7 31.3 46.9
 164 32.7 26.3 39.5

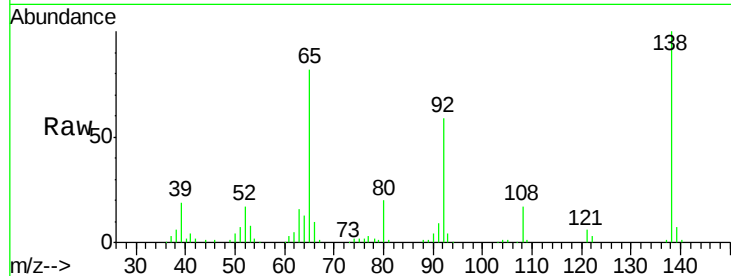




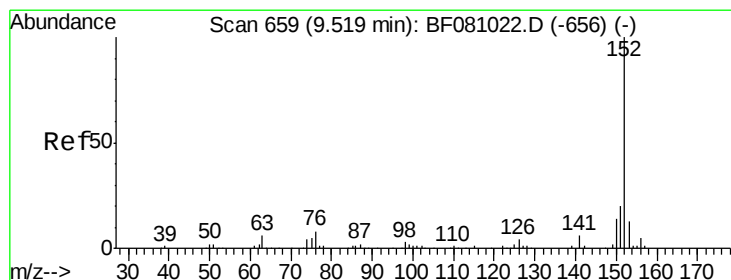
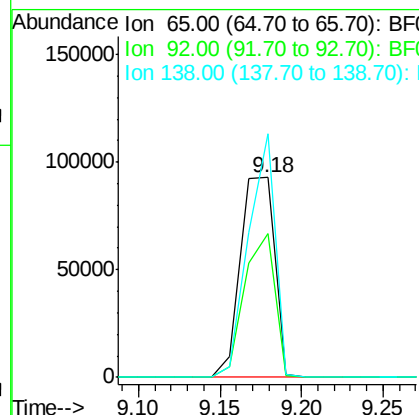
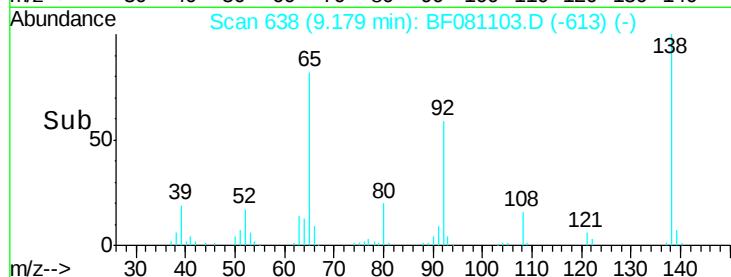
#47
2-Nitroaniline
Concen: 38.28 ng
RT: 9.18 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 134855
Ion Ratio Lower Upper
65 100
92 71.9 45.6 68.4#
138 121.7 57.9 86.9#

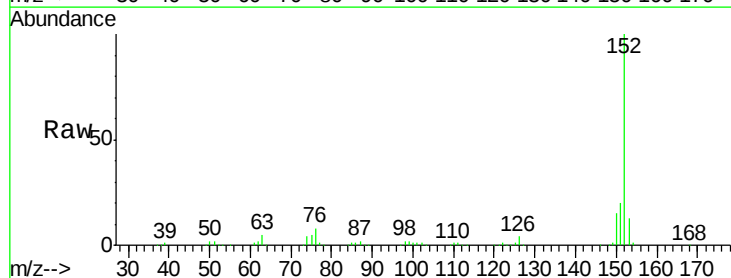


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

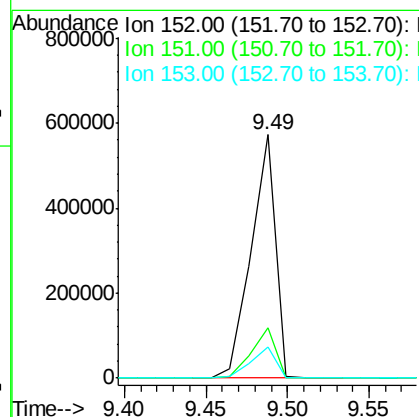
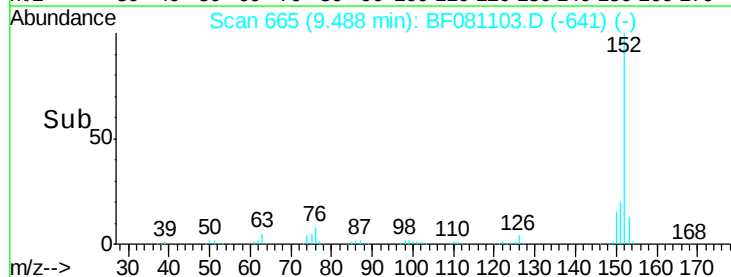


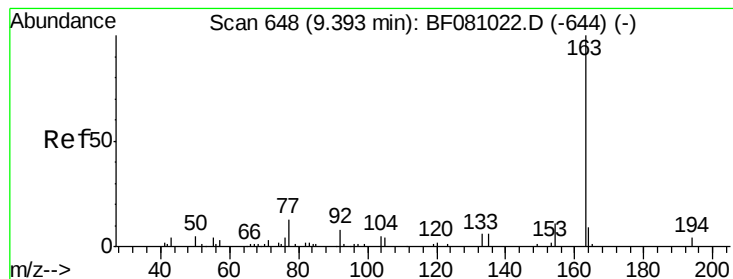
#48
Acenaphthylene
Concen: 38.37 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion: 152 Resp: 590761
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 12.8 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: 35.52 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

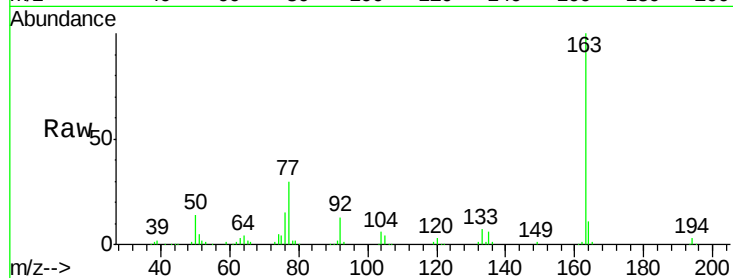
Tot Ion:163 Resp: 355864

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

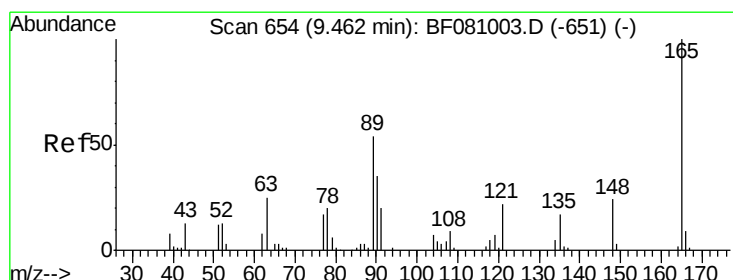
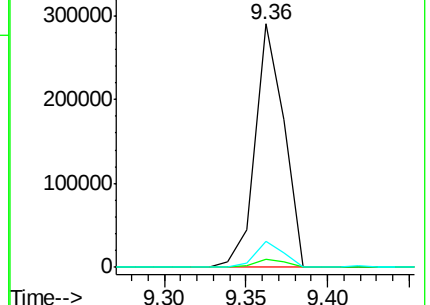
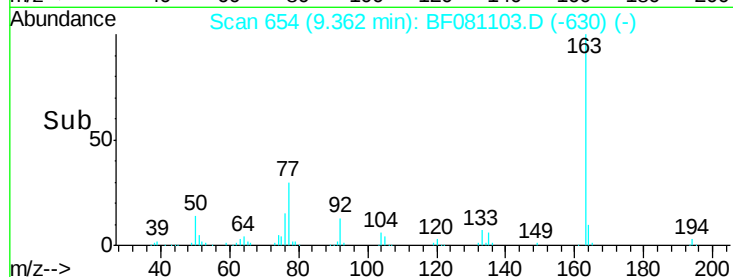
164 10.8 8.1 12.1



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: 34.17 ng

RT: 9.42 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

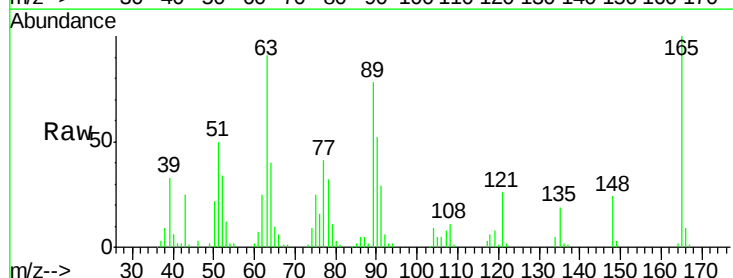
Tgt Ion:165 Resp: 73486

Ion Ratio Lower Upper

165 100

63 91.4 49.5 74.3#

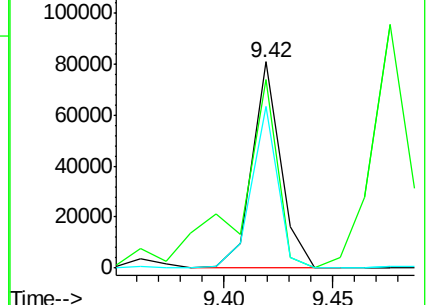
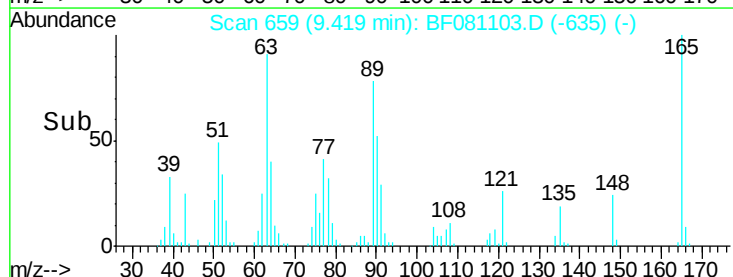
89 78.5 47.6 71.4#



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: 37.83 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

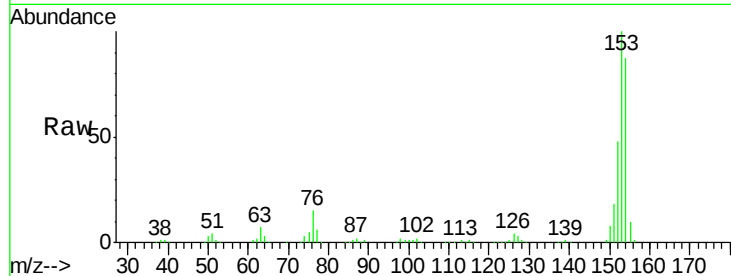
Tot Ion:154 Resp: 348691

Ion Ratio Lower Upper

154 100

153 114.9 91.4 137.2

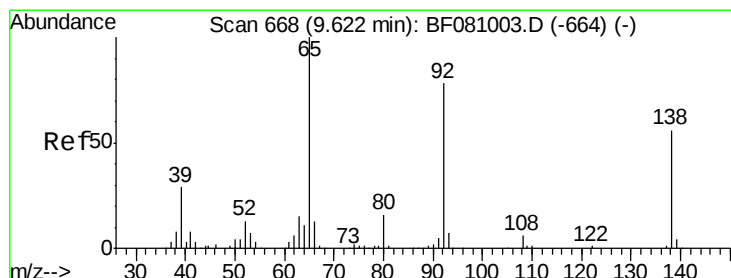
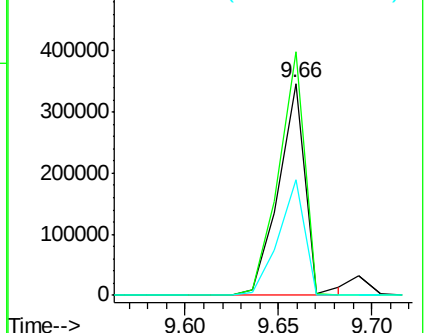
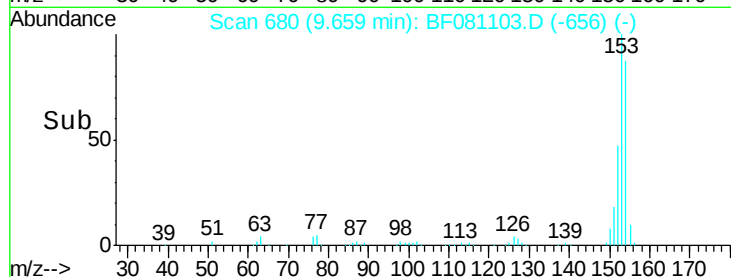
152 54.8 43.7 65.5



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: 41.16 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

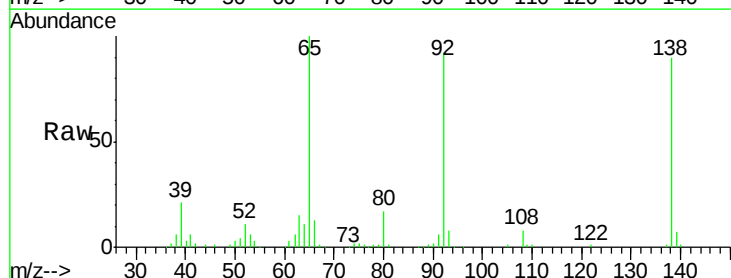
Tgt Ion:138 Resp: 110779

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.2#

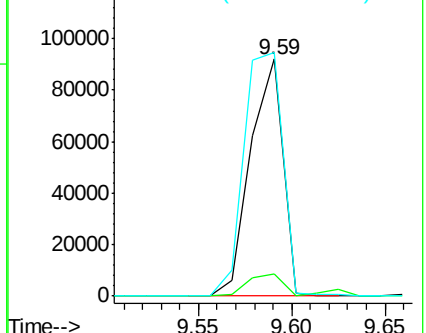
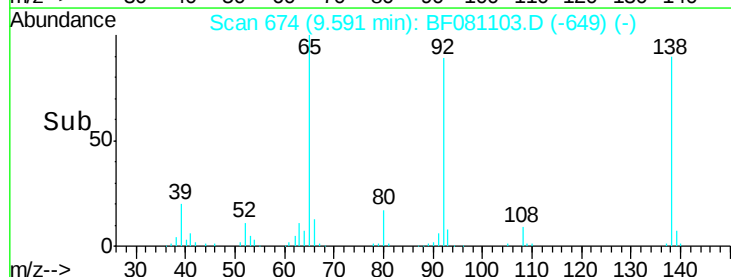
92 102.9 113.2 169.8#

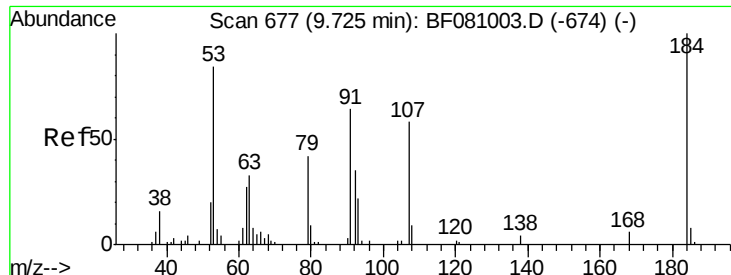


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

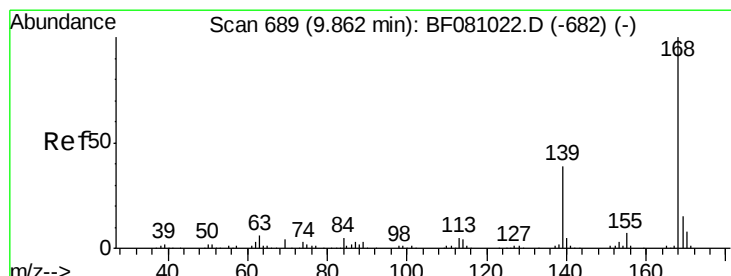
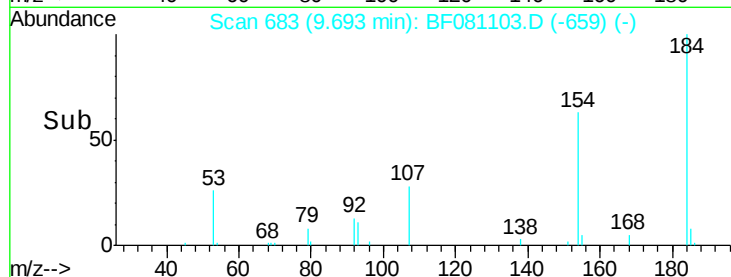
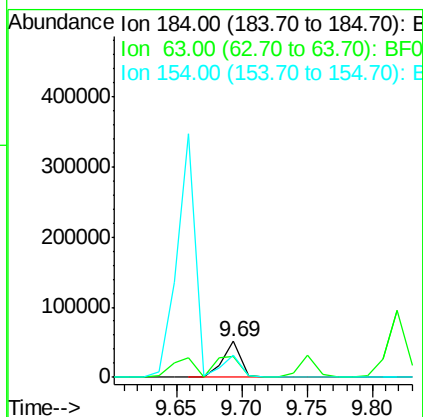
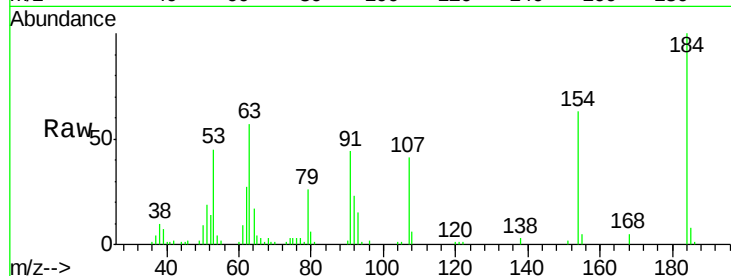




#53
2,4-Dinitrophenol
Concen: 47.65 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

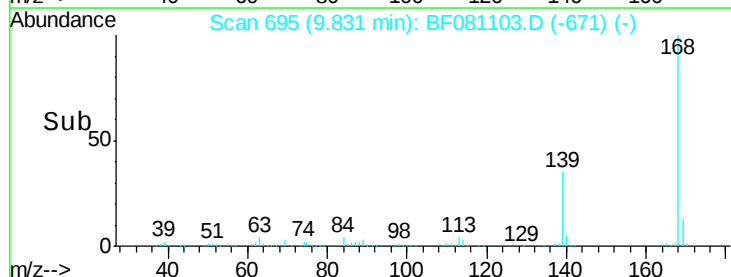
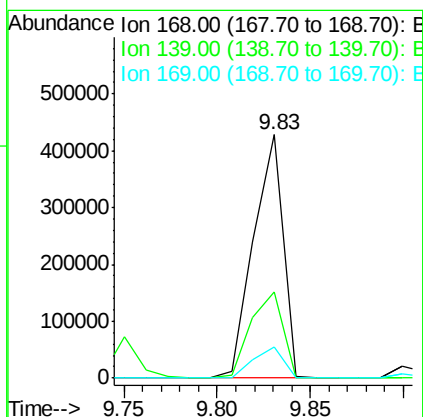
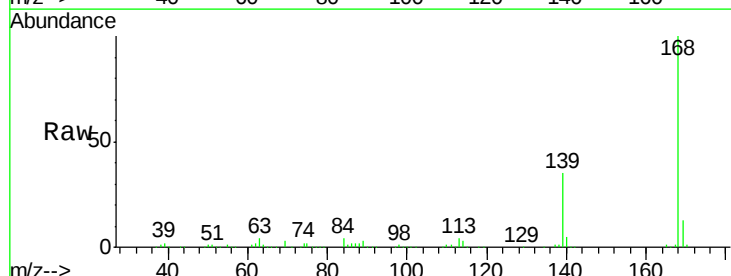
Instrument :
BNA_F
ClientSampleId :

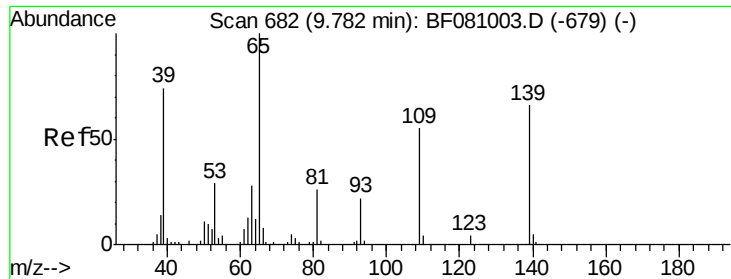
Tot Ion:184 Resp: 51343
Ion Ratio Lower Upper
184 100
63 56.7 101.7 152.5#
154 62.7 67.4 101.0#



#54
Dibenzofuran
Concen: 38.05 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion:168 Resp: 470067
Ion Ratio Lower Upper
168 100
139 35.2 29.3 43.9
169 12.9 10.3 15.5

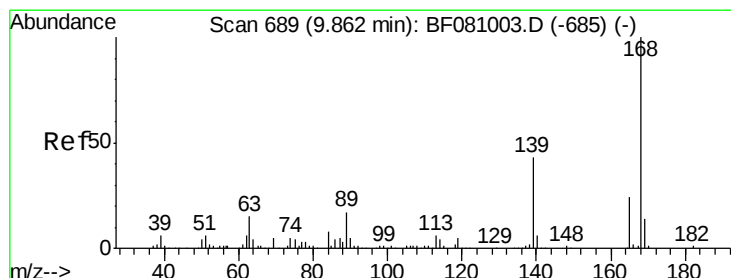
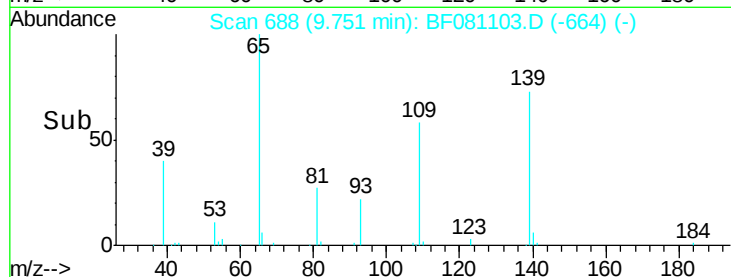
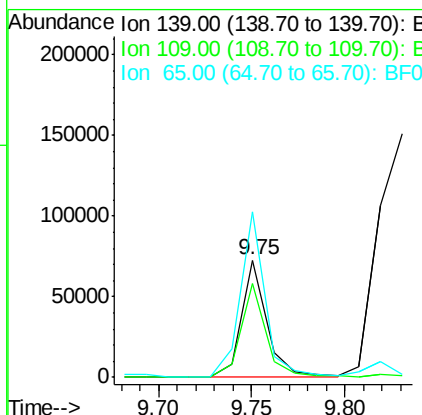
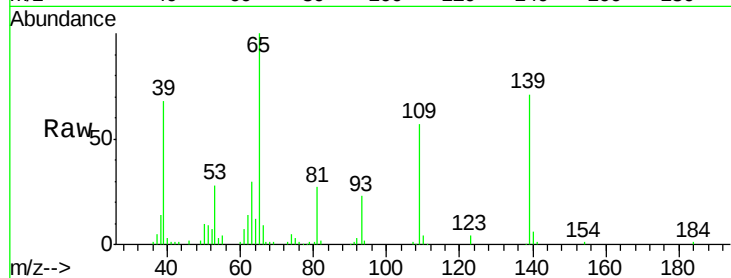




#55
4-Nitrophenol
Concen: 37.20 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

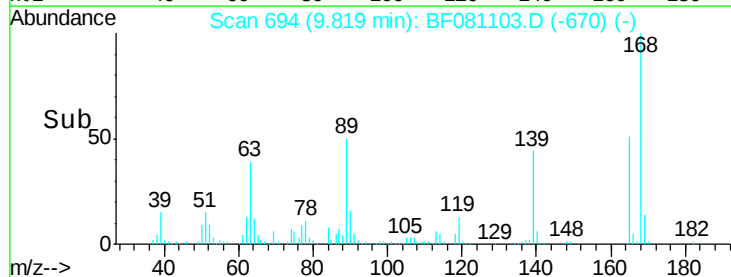
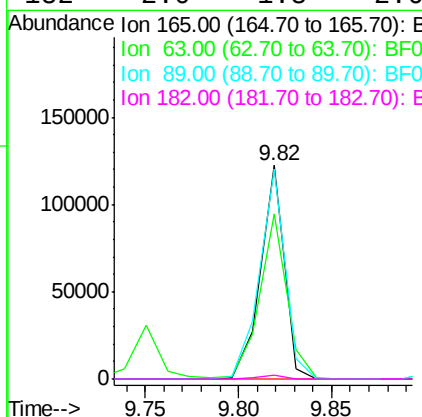
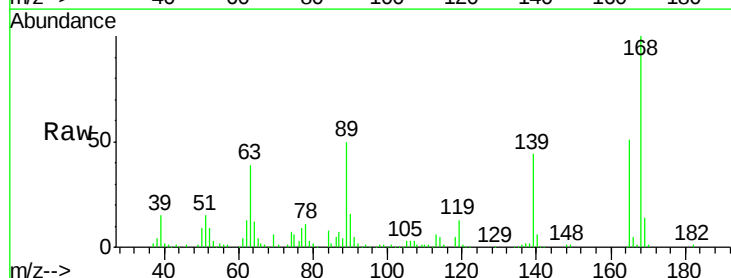
Instrument :
BNA_F
ClientSampleId :

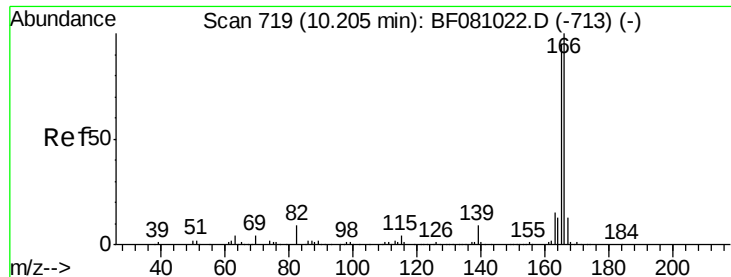
Tot Ion:139 Resp: 70319
Ion Ratio Lower Upper
139 100
109 80.1 80.0 120.0
65 141.3 138.3 178.3



#56
2,4-Dinitrotoluene
Concen: 37.67 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion:165 Resp: 107388
Ion Ratio Lower Upper
165 100
63 77.4 52.2 78.4
89 98.3 60.1 90.1#
182 2.0 1.8 2.6

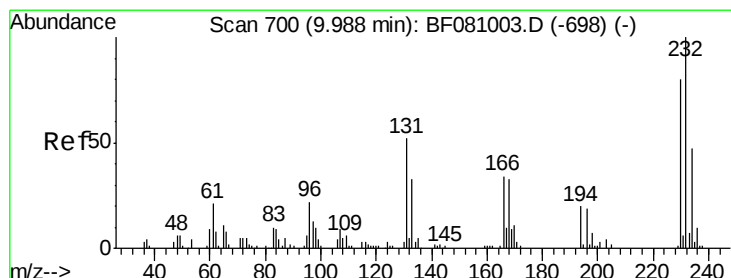
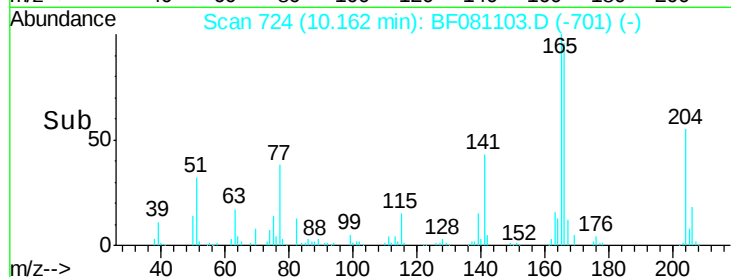
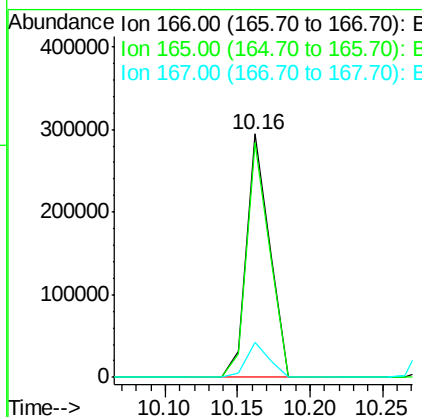
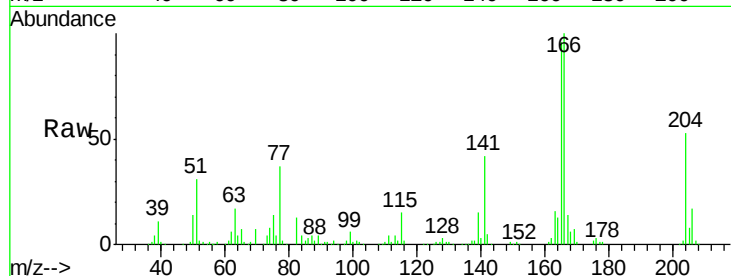




#57
 Fluorene
 Concen: 34.03 ng
 RT: 10.16 min Scan# 724
 Delta R.T. -0.04 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

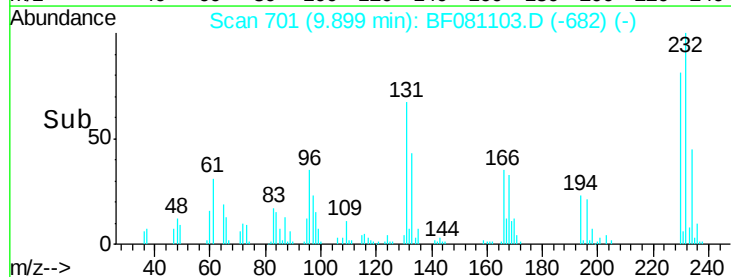
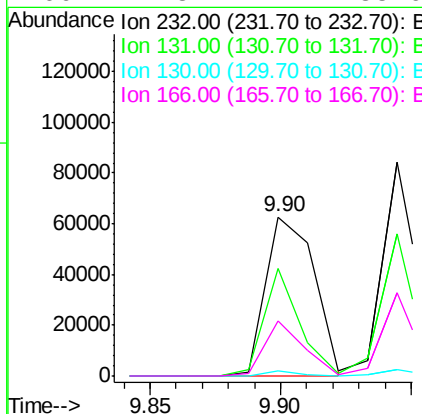
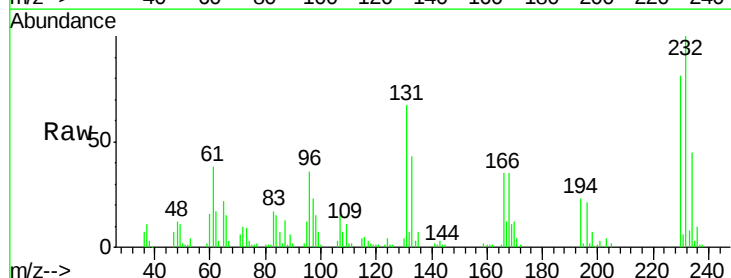
Instrument :
 BNA_F
 ClientSampleId :

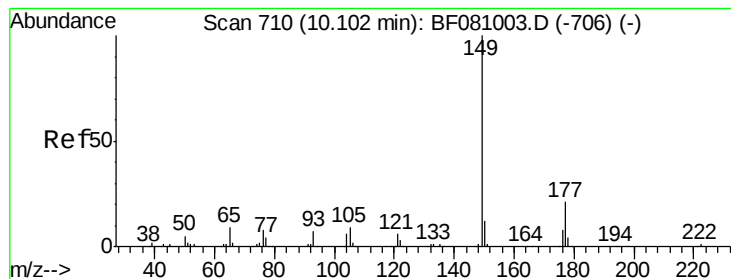
Tot Ion:166 Resp: 323333
 Ion Ratio Lower Upper
 166 100
 165 96.4 75.8 113.8
 167 14.2 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.02 ng
 RT: 9.90 min Scan# 701
 Delta R.T. -0.09 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion:232 Resp: 81548
 Ion Ratio Lower Upper
 232 100
 131 49.5 42.2 63.4
 130 2.5 2.1 3.1
 166 27.8 22.4 33.6





#59

Diethylphthalate

Concen: 37.30 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

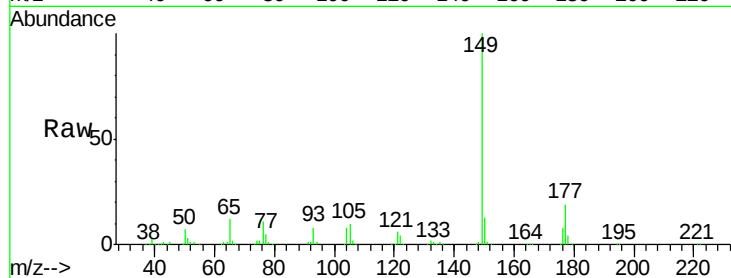
Tot Ion:149 Resp: 395478

Ion Ratio Lower Upper

149 100

177 19.0 14.1 21.1

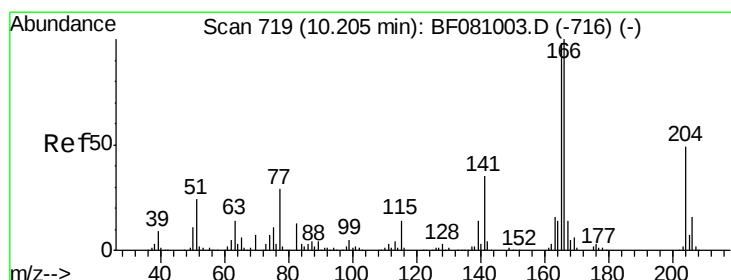
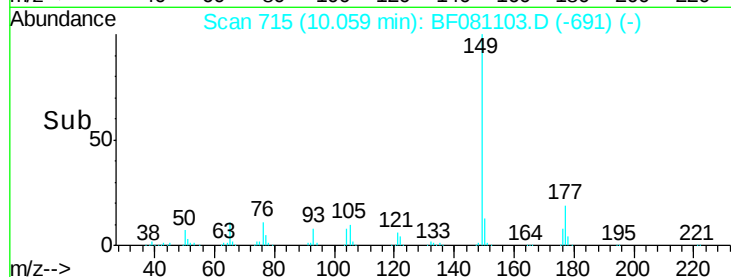
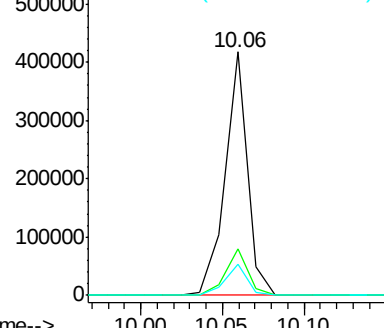
150 12.6 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.18 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

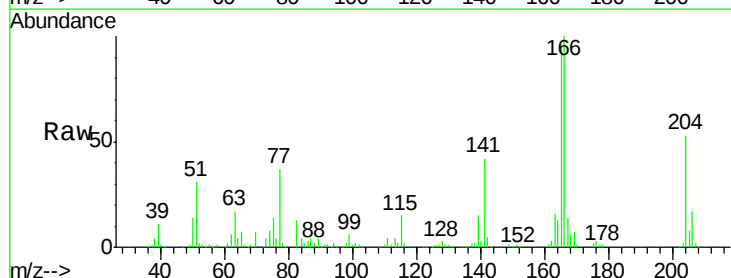
Tgt Ion:204 Resp: 141455

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

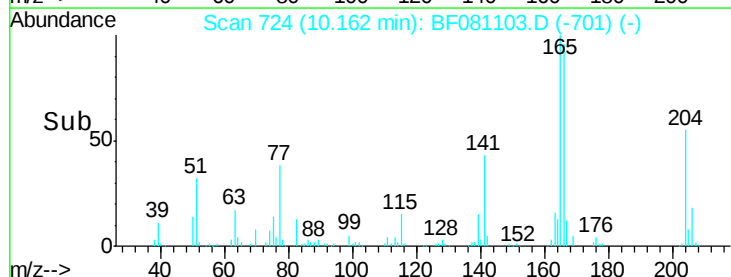
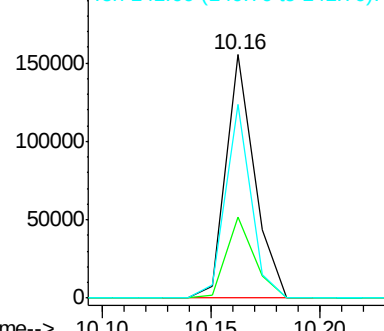
141 79.7 59.6 89.4

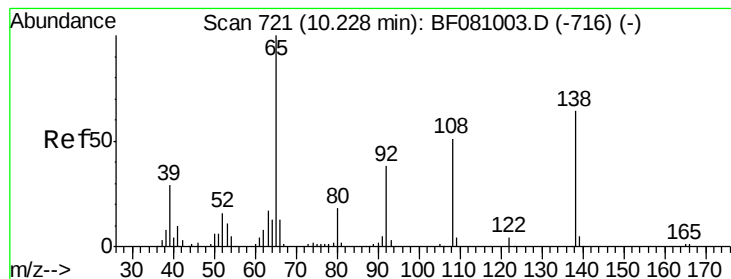


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

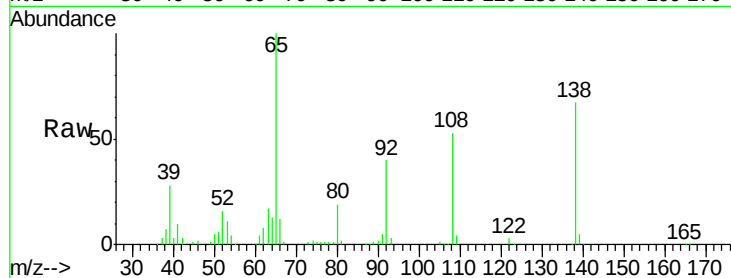




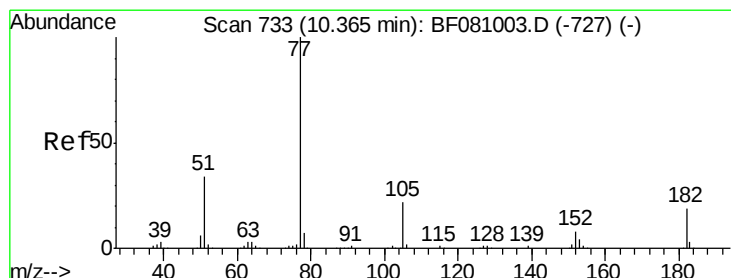
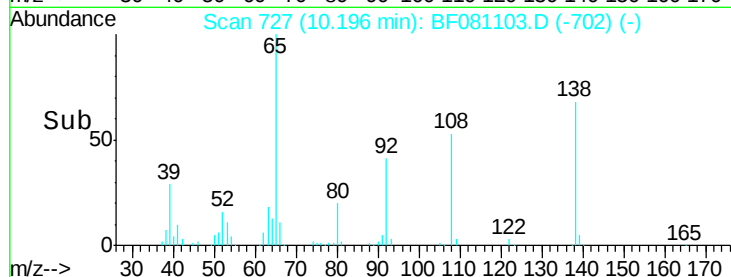
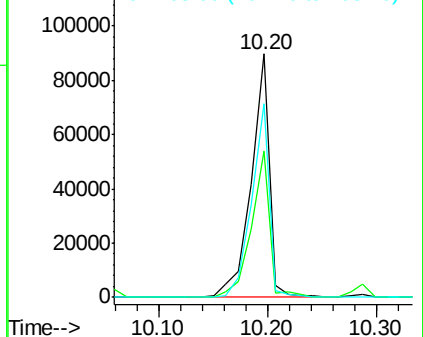
#61
4-Nitroaniline
Concen: 38.06 ng
RT: 10.20 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 104693
Ion Ratio Lower Upper
138 100
92 60.3 34.7 74.7
108 79.7 68.9 108.9

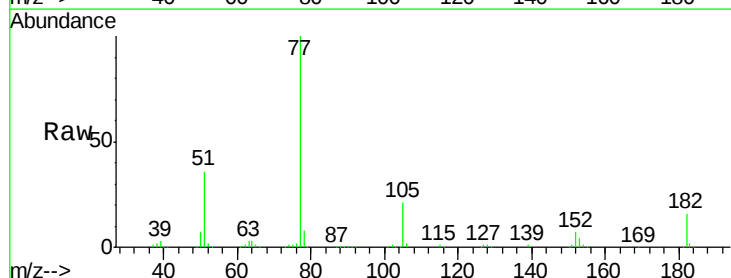


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

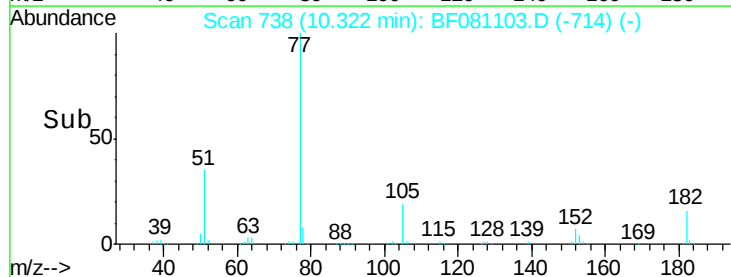
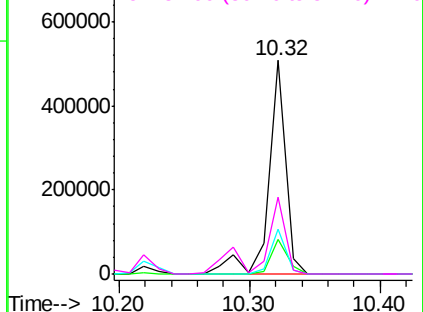


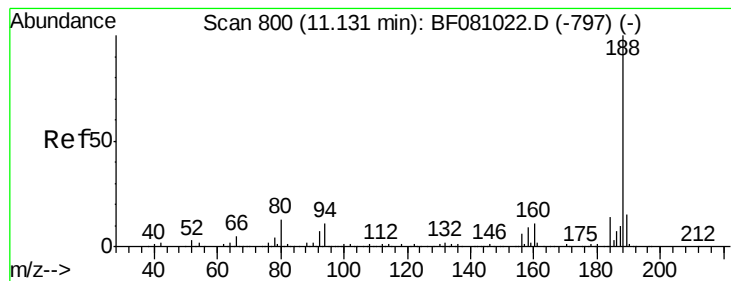
#62
Azobenzene
Concen: 38.63 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion: 77 Resp: 471969
Ion Ratio Lower Upper
77 100
182 16.3 0.0 39.0
105 20.8 0.2 40.2
51 35.7 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: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

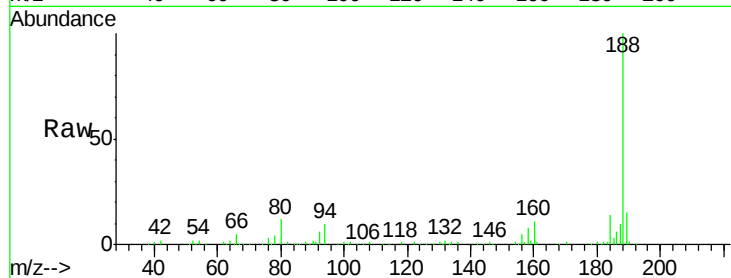
Tot Ion:188 Resp: 234185

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

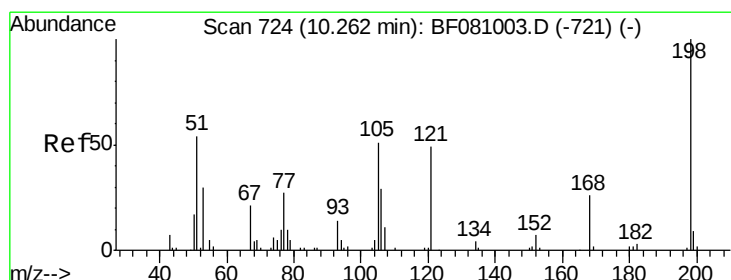
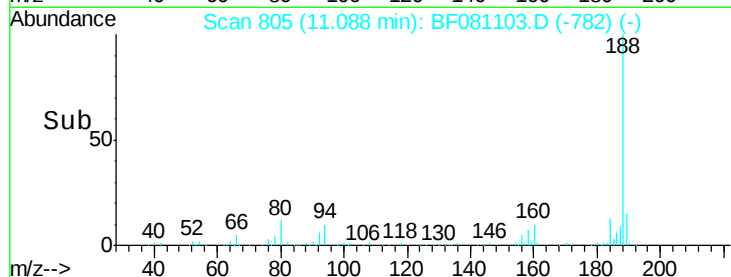
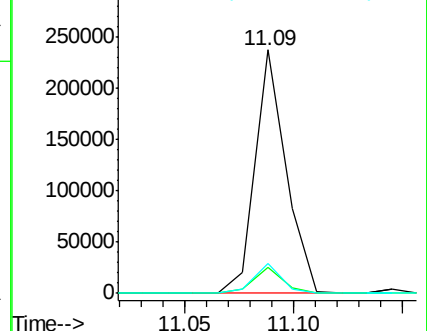
80 12.3 9.5 14.3



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: 45.16 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

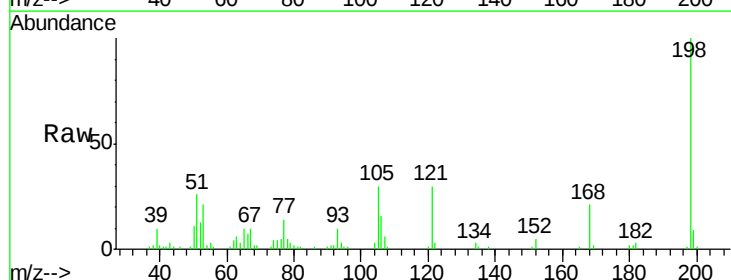
Tgt Ion:198 Resp: 63160

Ion Ratio Lower Upper

198 100

51 26.0 79.7 119.7#

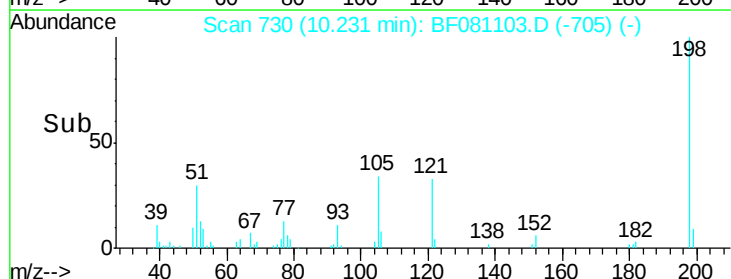
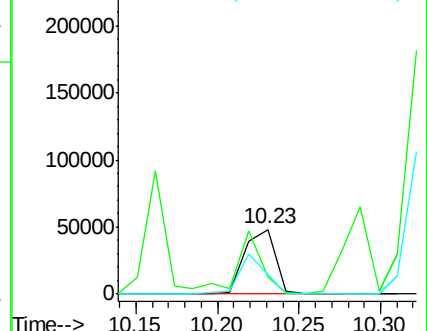
105 29.6 47.0 87.0#

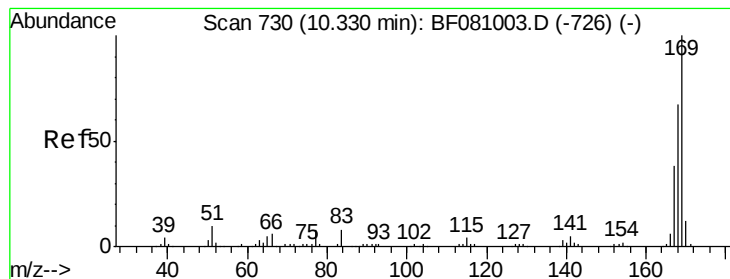


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

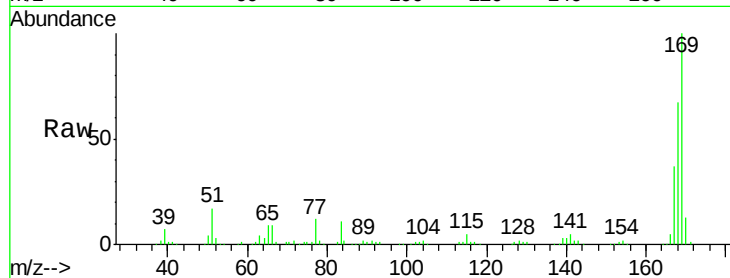




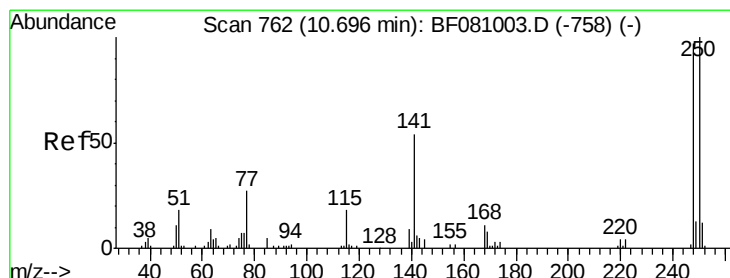
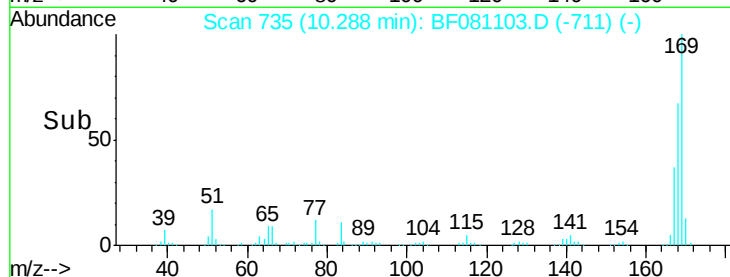
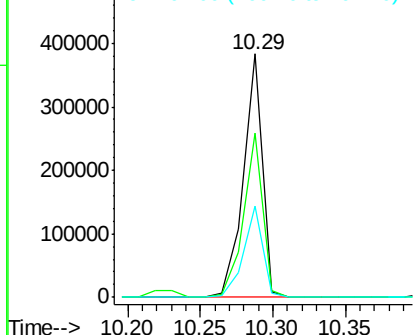
#65
 n-Nitrosodiphenylamine
 Concen: 41.56 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 347409
 Ion Ratio Lower Upper
 169 100
 168 67.2 55.3 82.9
 167 37.4 30.8 46.2

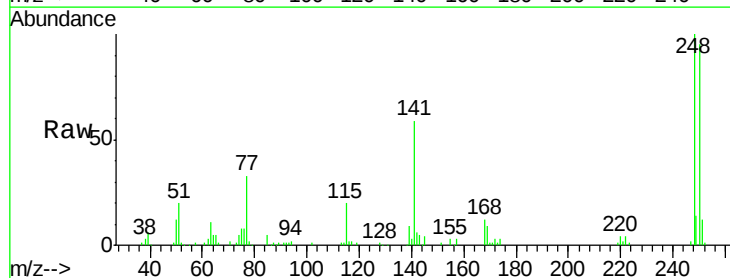


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

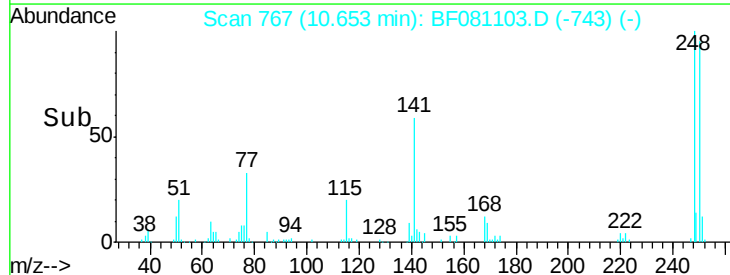
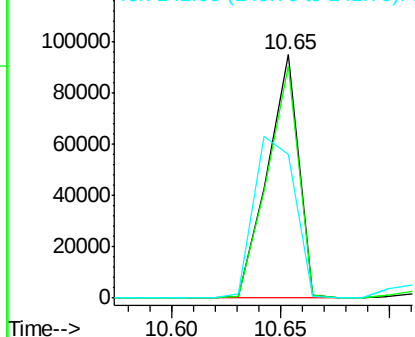


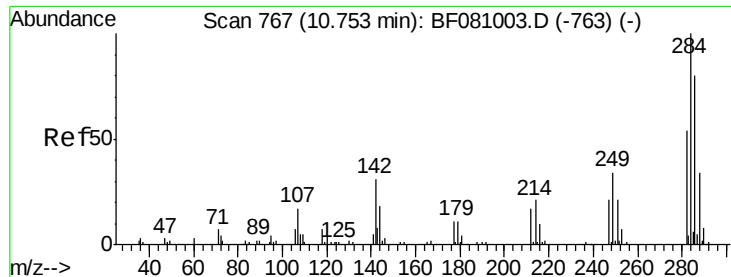
#66
 4-Bromophenyl-phenylether
 Concen: 41.60 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion:248 Resp: 95713
 Ion Ratio Lower Upper
 248 100
 250 95.4 77.8 116.6
 141 58.8 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

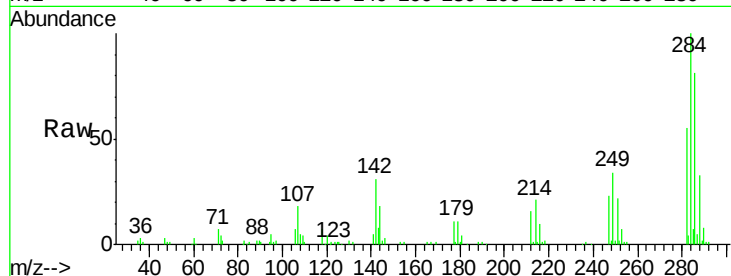




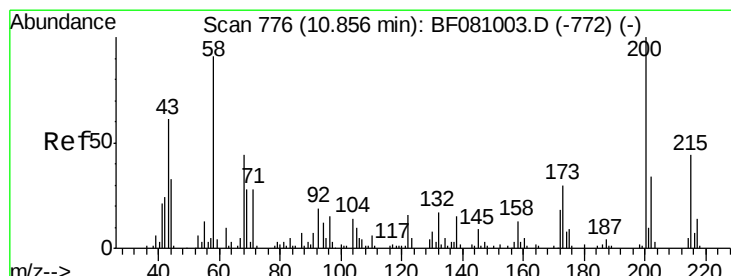
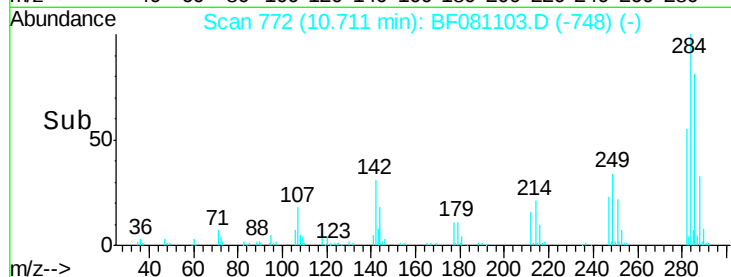
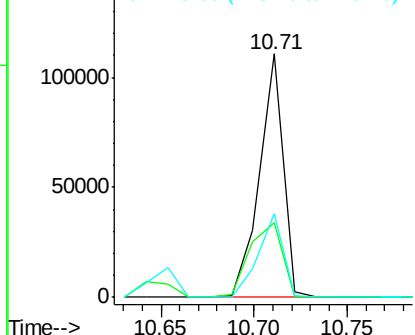
#67
Hexachlorobenzene
Concen: 42.38 ng
RT: 10.71 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.6	25.4	38.0
249	34.4	28.5	42.7

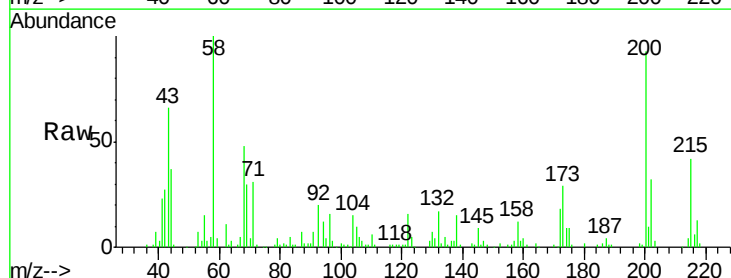


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

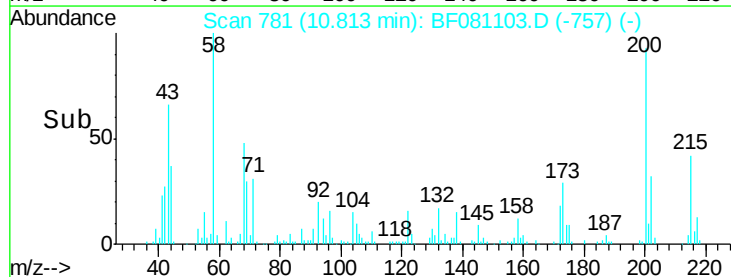
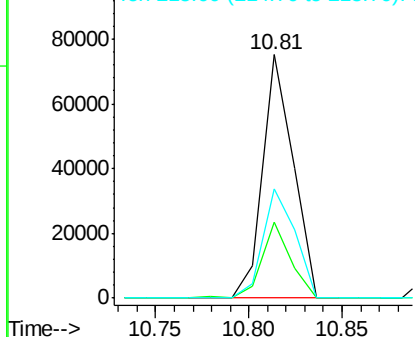


#68
Atrazine
Concen: 36.95 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.4	8.1	48.1
215	45.0	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

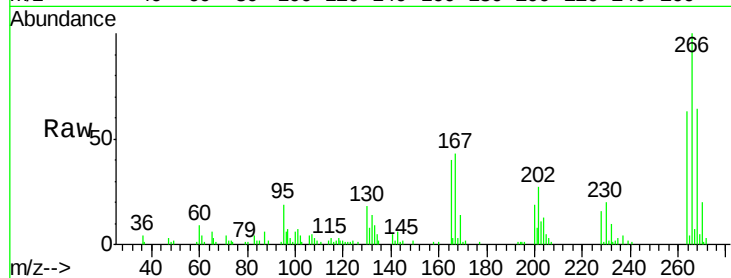




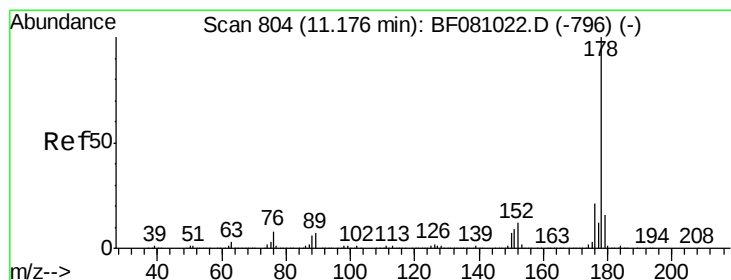
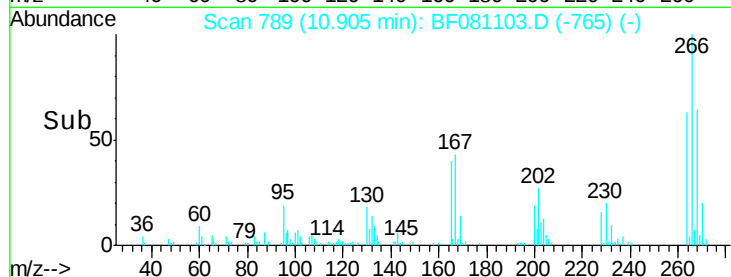
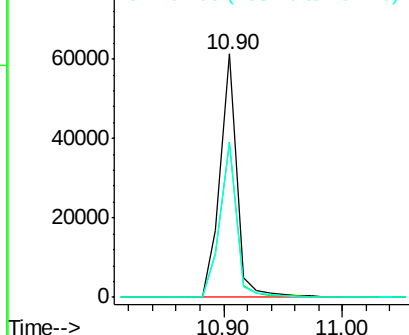
#69
 Pentachlorophenol
 Concen: 42.94 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 60029
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.2 76.8
 264 63.2 50.6 75.8

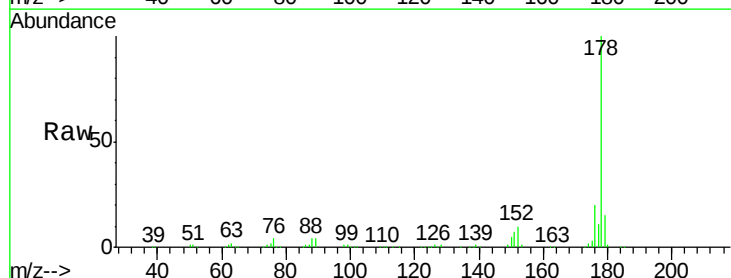


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

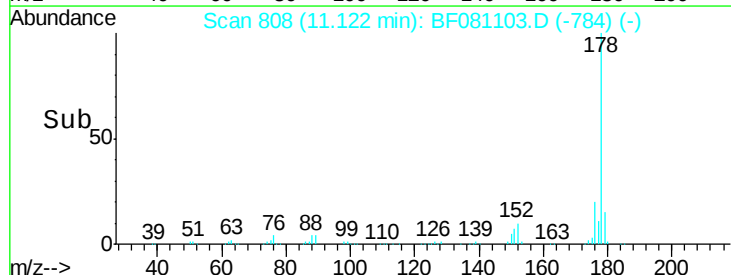
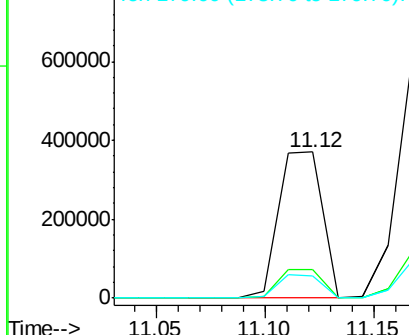


#70
 Phenanthrene
 Concen: 37.52 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion:178 Resp: 520746
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.1 12.2 18.2



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





#71

Anthracene

Concen: 39.99 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

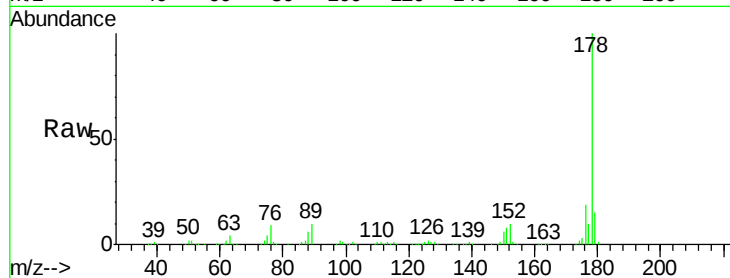
Tot Ion:178 Resp: 540081

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

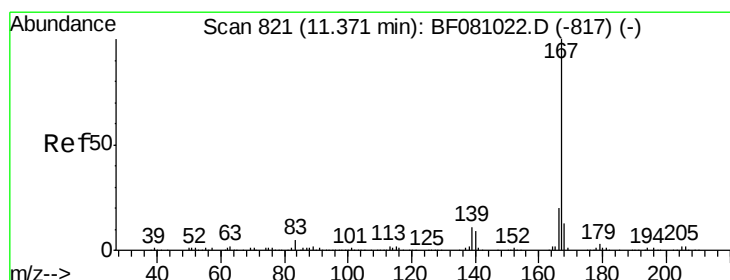
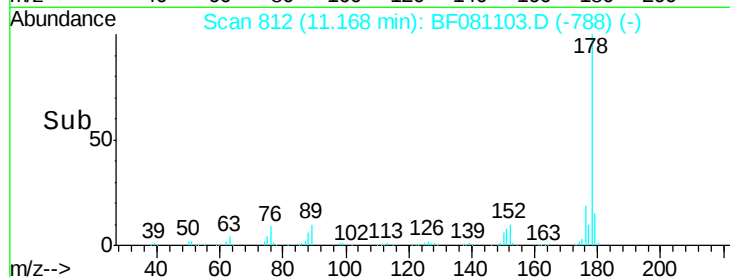
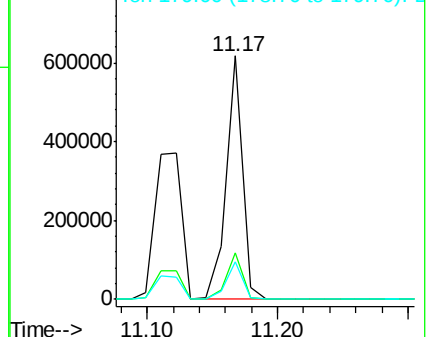
179 15.2 12.7 19.1



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: 42.67 ng

RT: 11.33 min Scan# 826

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

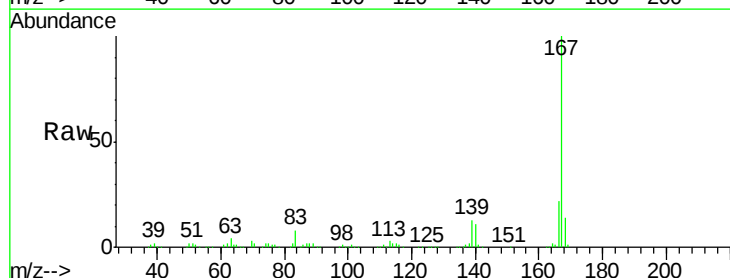
Tgt Ion:167 Resp: 554872

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

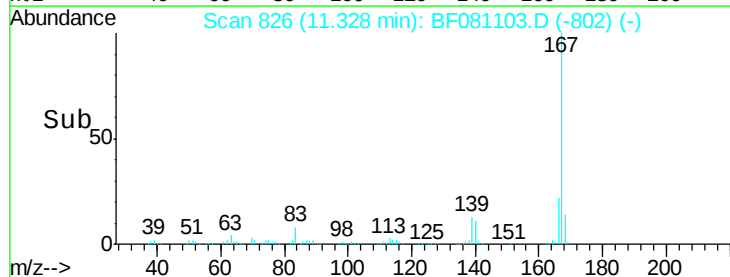
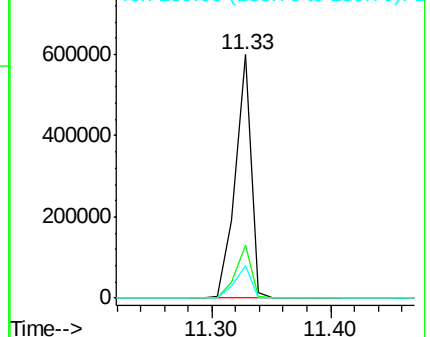
139 13.5 10.6 16.0

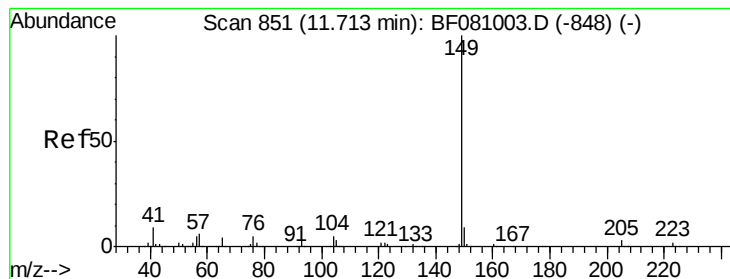


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.36 ng

RT: 11.67 min Scan# 856

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

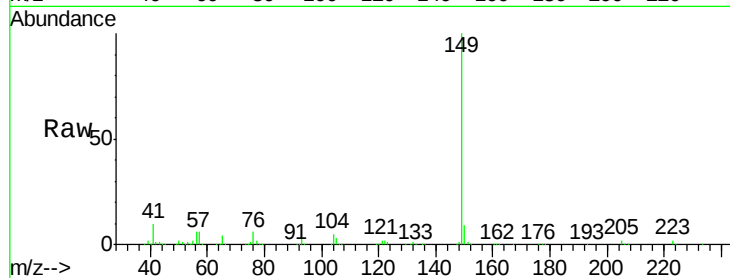
Tot Ion:149 Resp: 603500

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

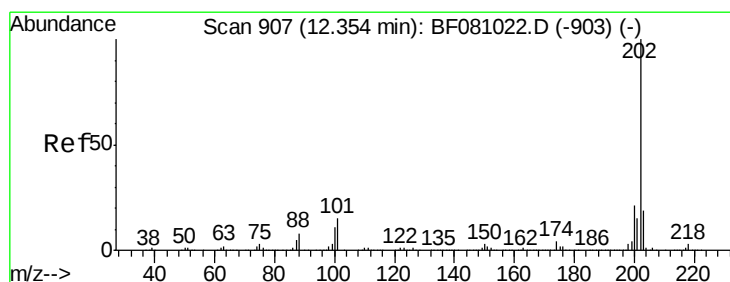
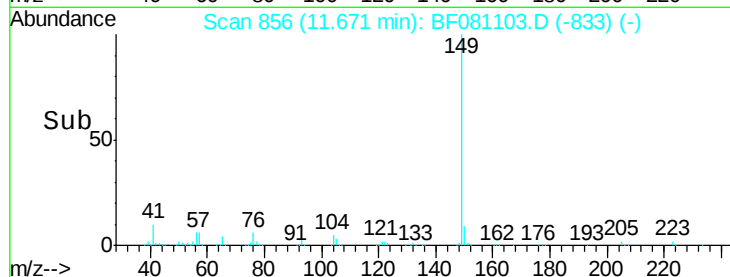
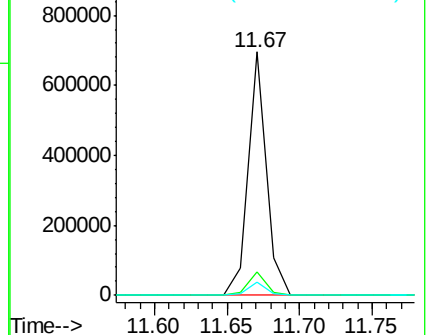
104 5.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.57 ng

RT: 12.29 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

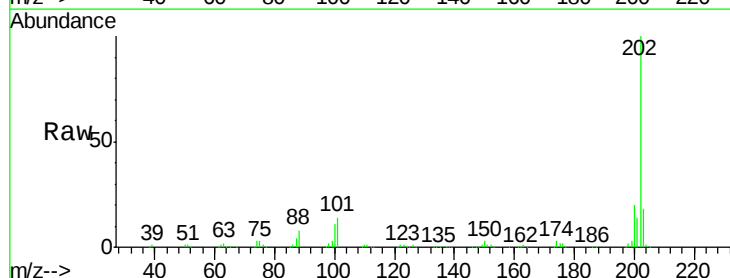
Tgt Ion:202 Resp: 547698

Ion Ratio Lower Upper

202 100

101 14.2 0.0 24.8

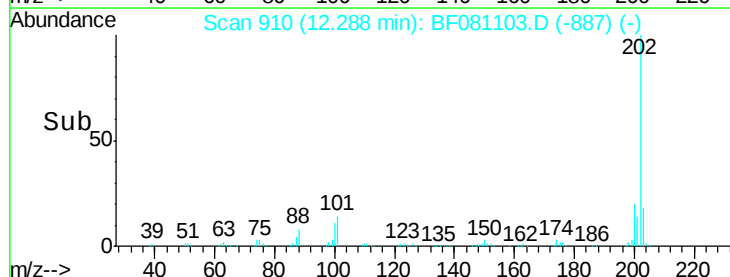
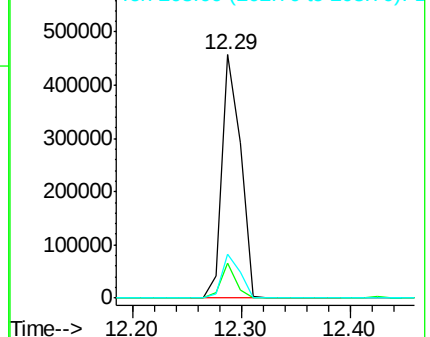
203 17.9 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

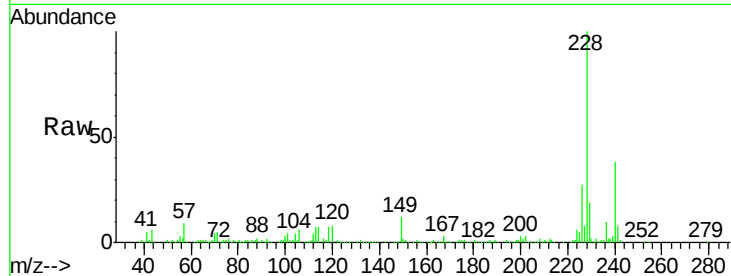
Tot Ion:240 Resp: 177031

Ion Ratio Lower Upper

240 100

120 19.6 5.6 8.4#

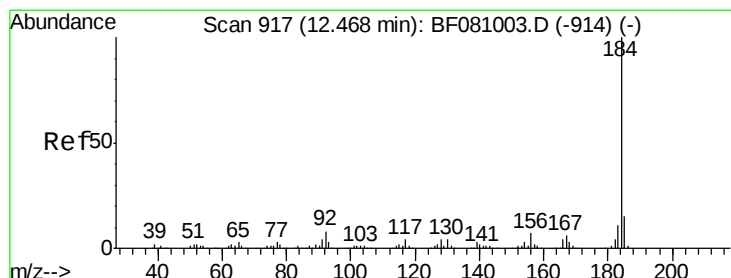
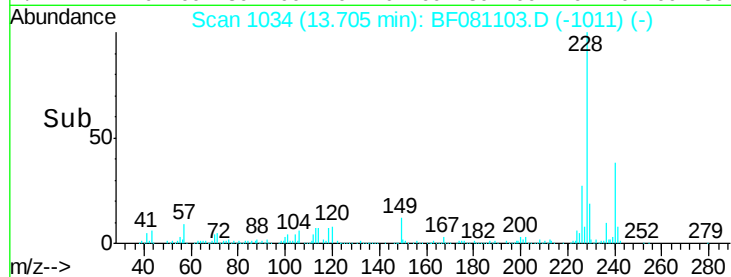
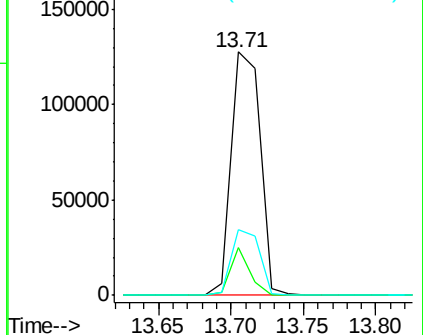
236 27.2 20.6 30.8



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: 48.72 ng

RT: 12.43 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

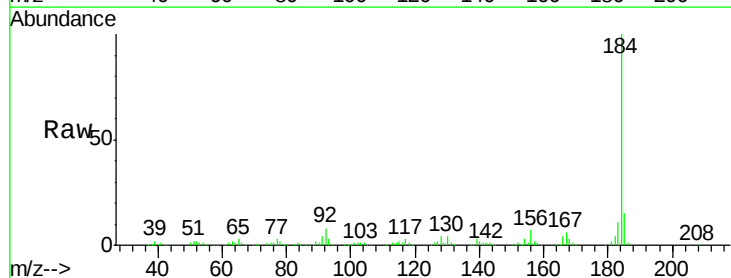
Tgt Ion:184 Resp: 325791

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

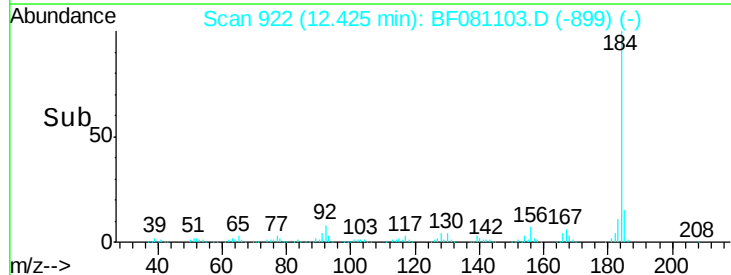
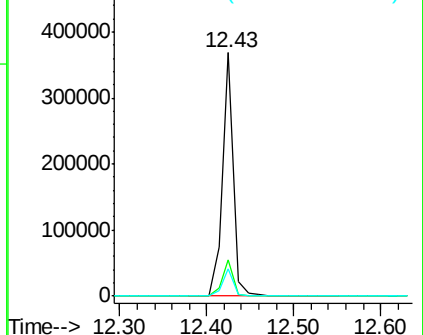
183 11.0 8.9 13.3

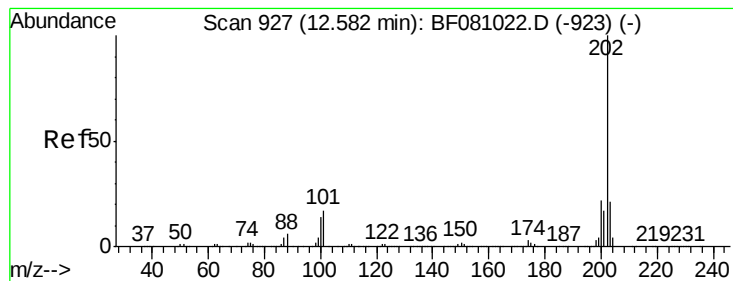


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.01 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

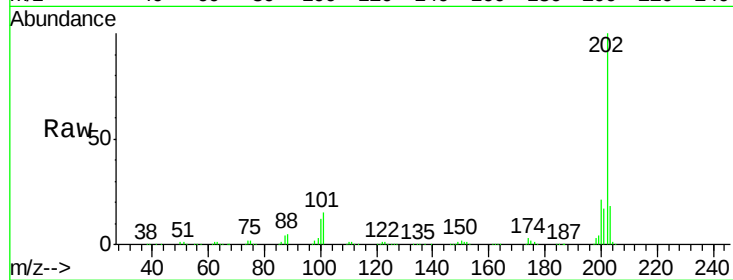
Tot Ion:202 Resp: 561411

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

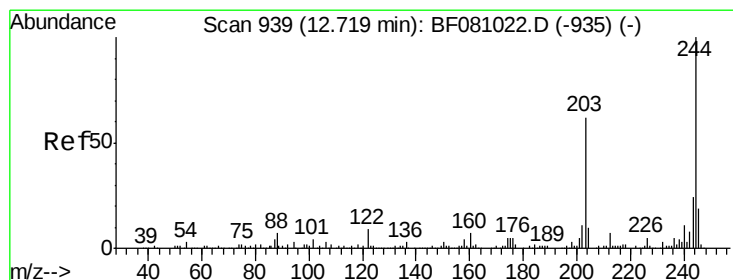
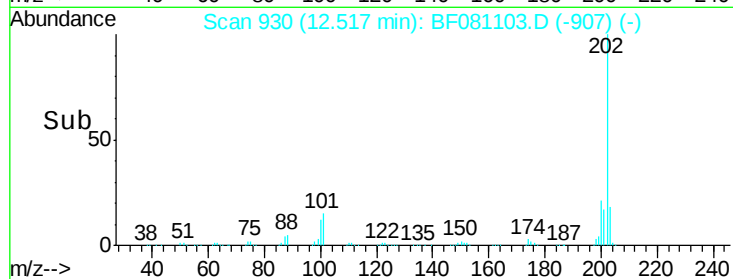
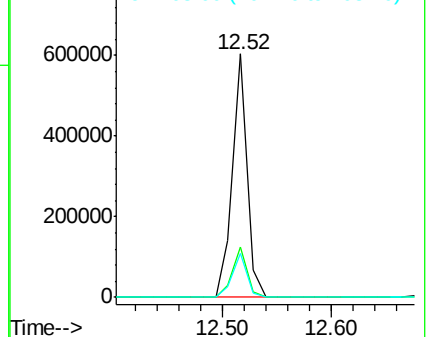
203 17.9 14.1 21.1



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: 87.96 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

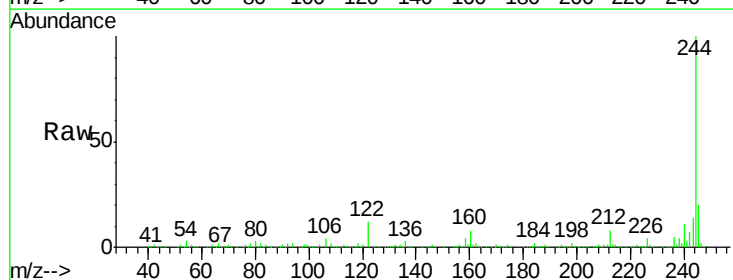
Tgt Ion:244 Resp: 726373

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

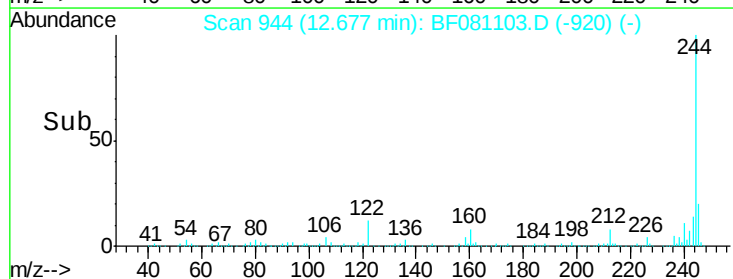
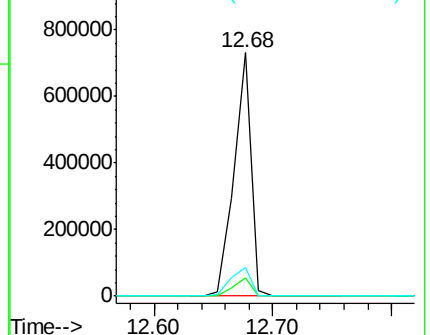
122 11.9 8.2 12.4

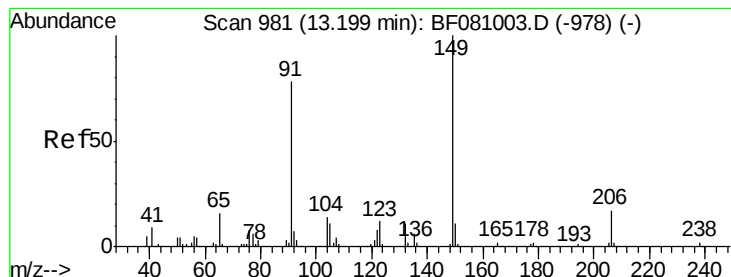


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.10 ng

RT: 13.16 min Scan# 986

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

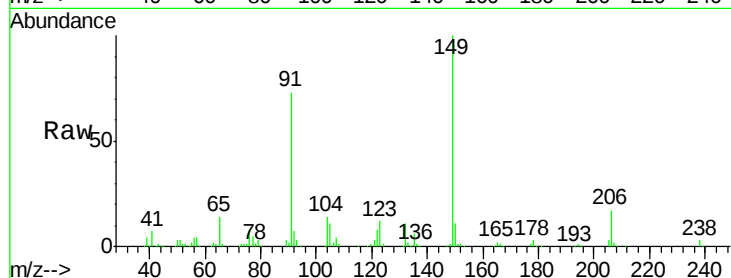
Tot Ion:149 Resp: 303749

Ion Ratio Lower Upper

149 100

91 72.9 46.9 70.3#

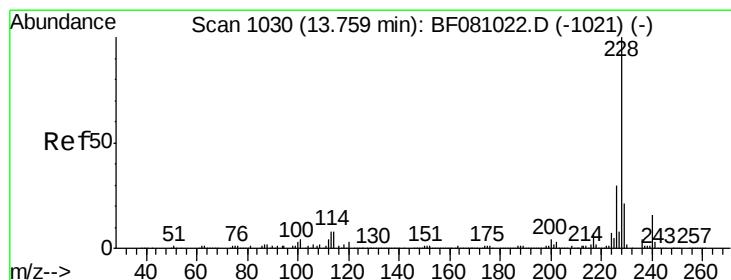
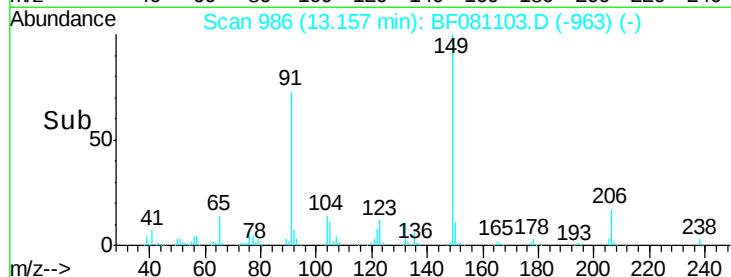
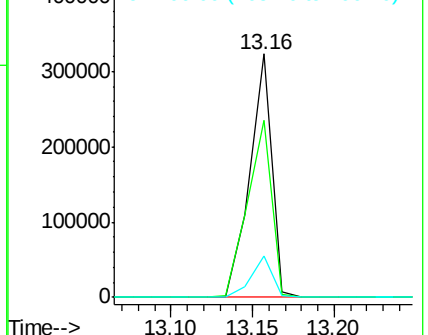
206 17.2 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.29 ng

RT: 13.69 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

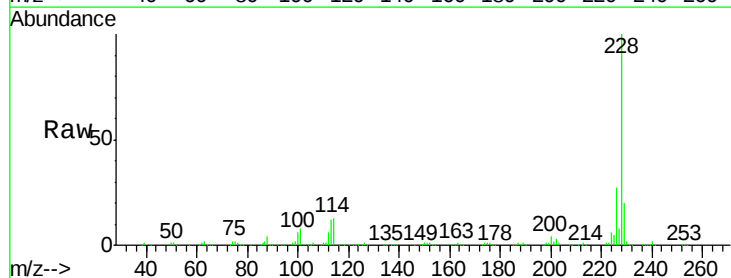
Tgt Ion:228 Resp: 525848

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

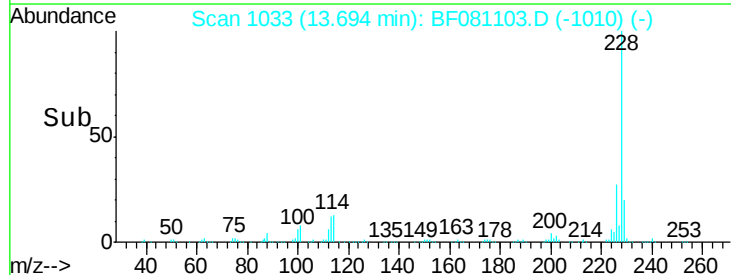
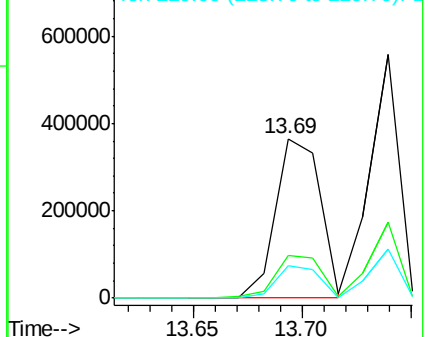
229 20.0 15.9 23.9



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

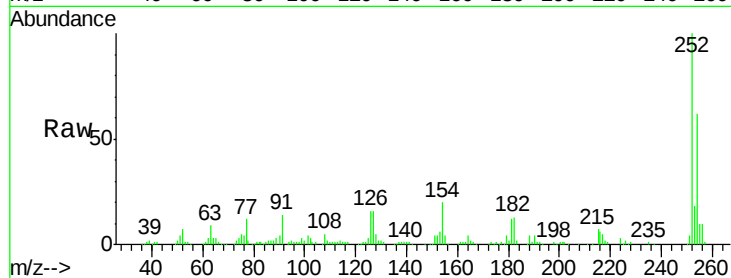




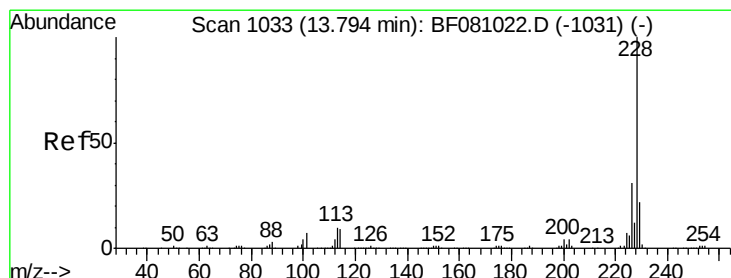
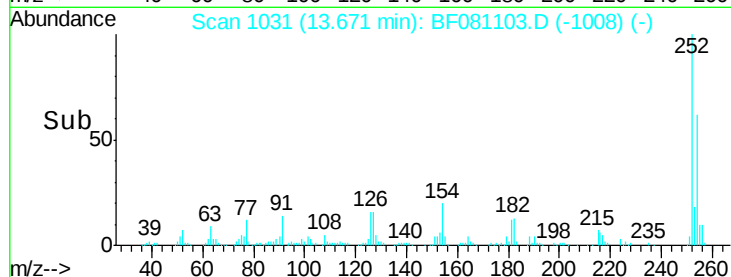
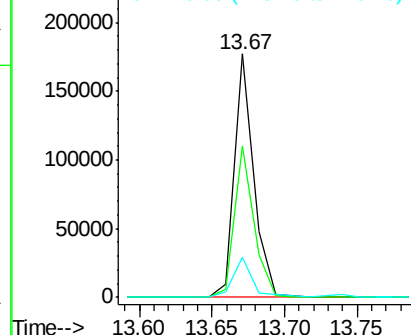
#81
 3,3'-Dichlorobenzidine
 Concen: 42.47 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 163338
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.5 77.3
 126 16.3 12.5 18.7

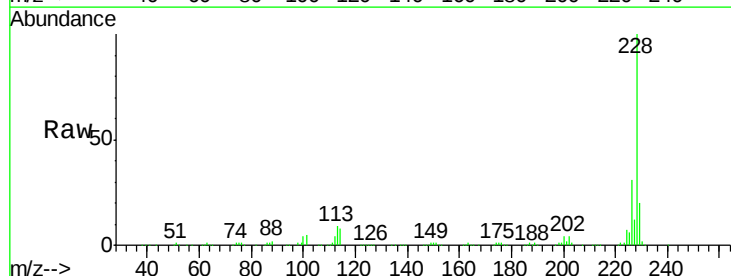


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

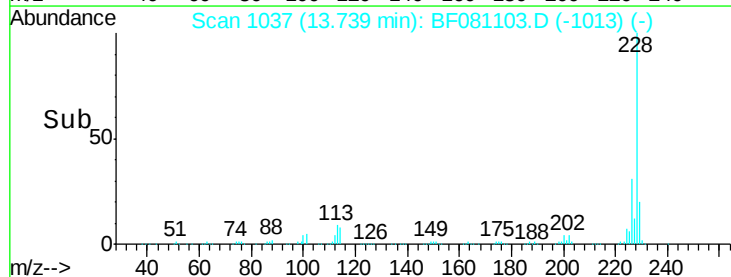
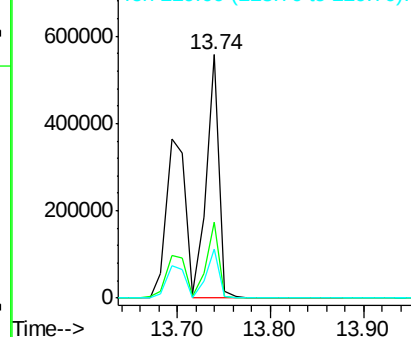


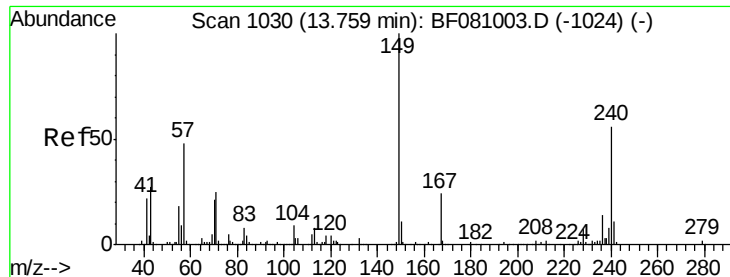
#82
 Chrysene
 Concen: 49.15 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion:228 Resp: 525926
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 20.2 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.37 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

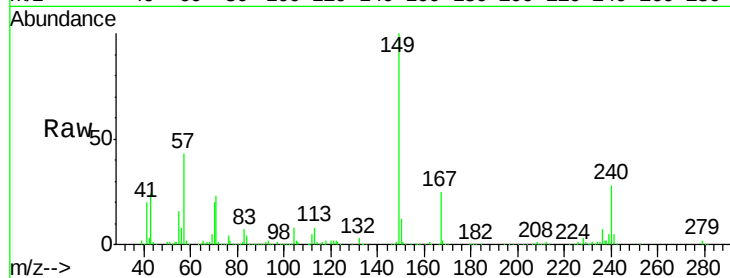
Tot Ion:149 Resp: 375327

Ion Ratio Lower Upper

149 100

167 24.6 20.7 31.1

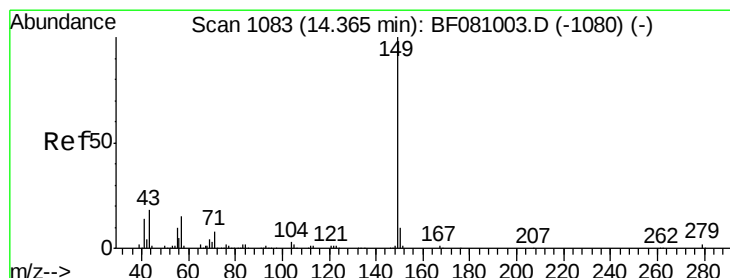
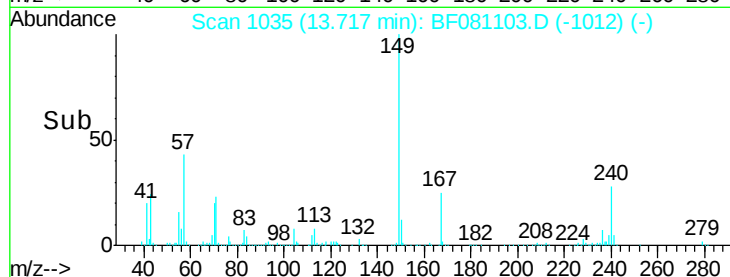
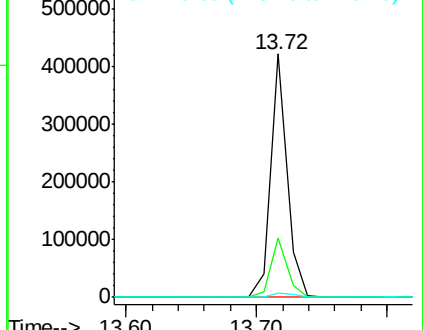
279 1.7 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.60 ng

RT: 14.32 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

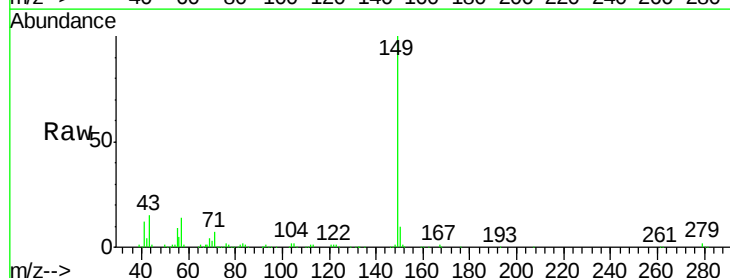
Tgt Ion:149 Resp: 633462

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

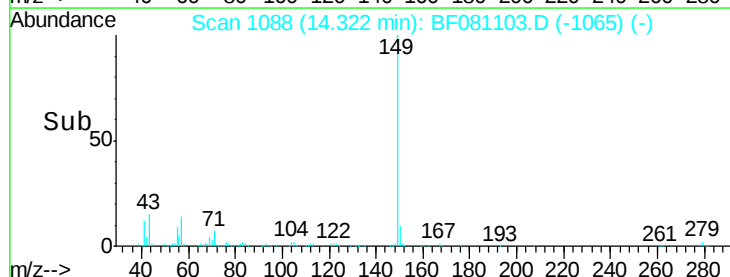
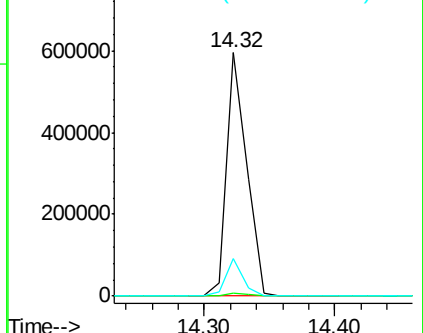
43 13.6 11.6 17.4



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

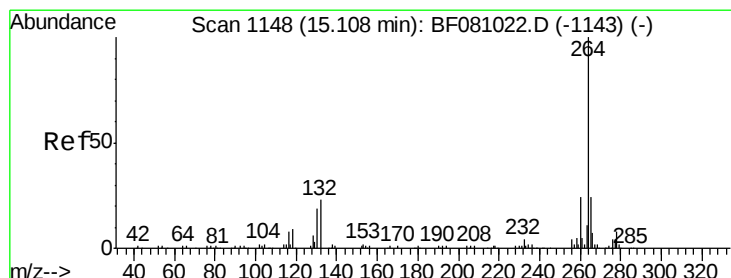
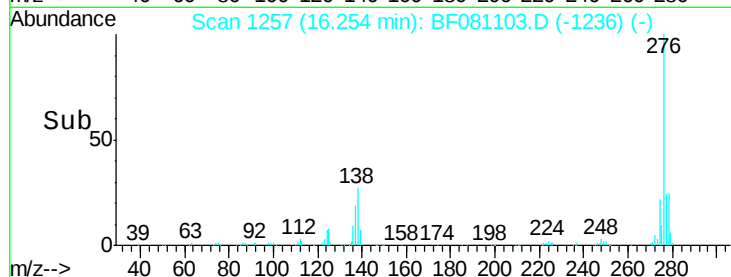
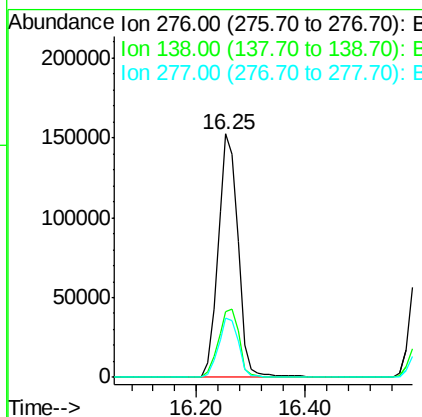
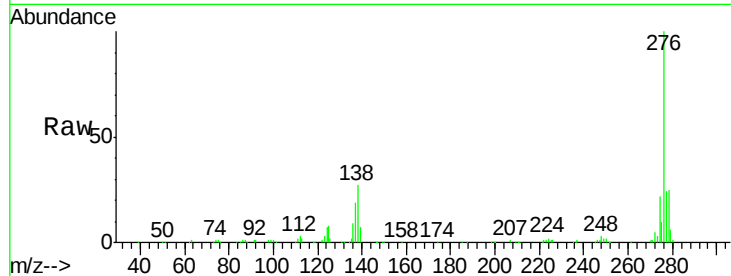




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.29 ng
 RT: 16.25 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

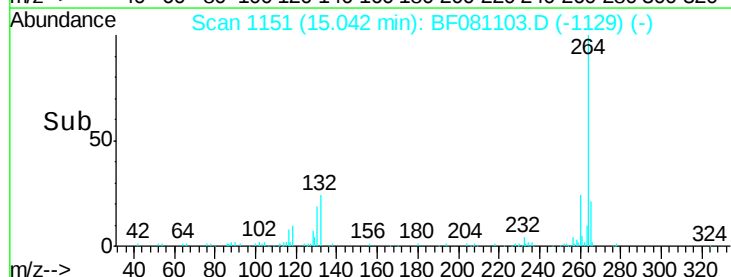
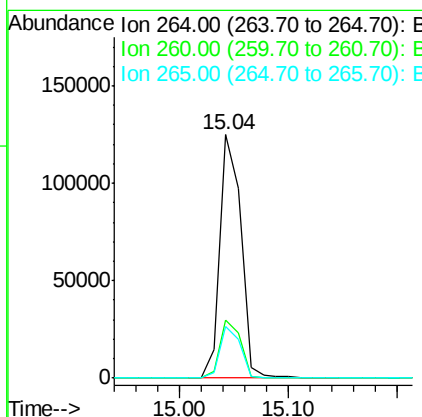
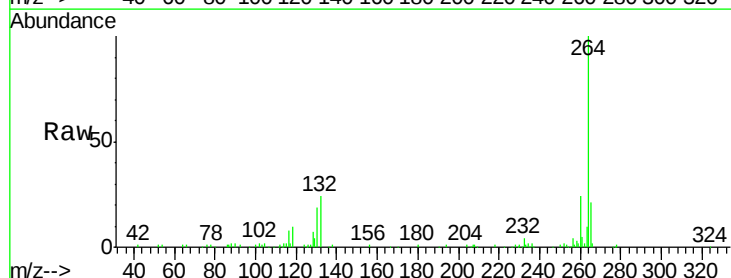
Instrument :
 BNA_F
 ClientSampleId :

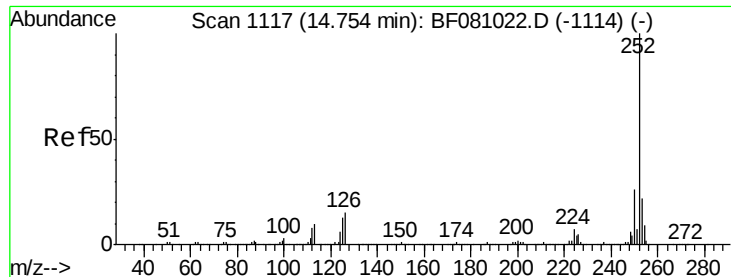
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 77.93 ng

RT: 14.72 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

Instrument :

BNA_F

ClientSampleId :

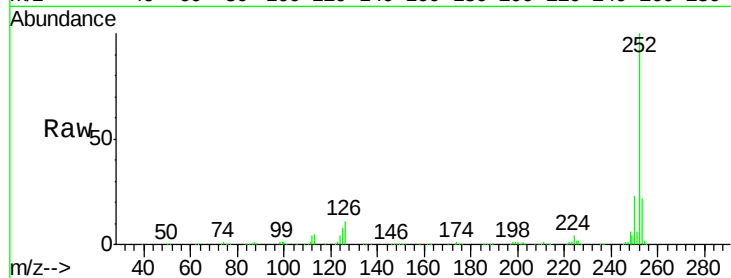
Tot Ion:252 Resp: 930117

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

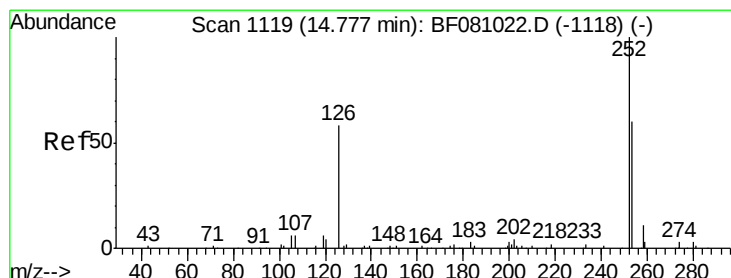
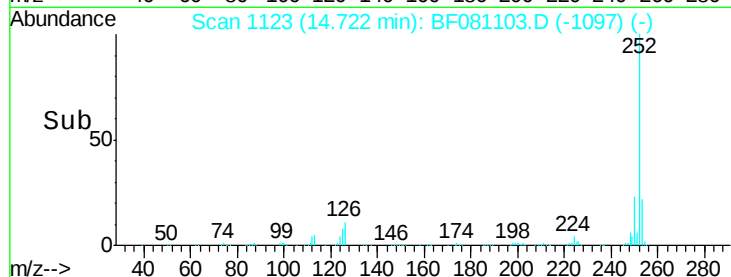
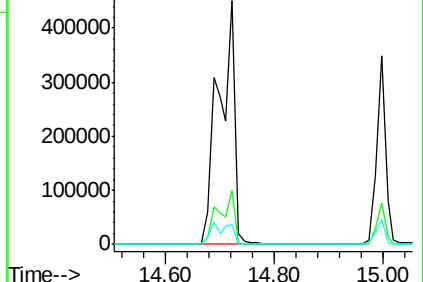
125 7.8 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.63 ng

RT: 14.72 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF081103.D

Acq: 20 Aug 2015 2:37

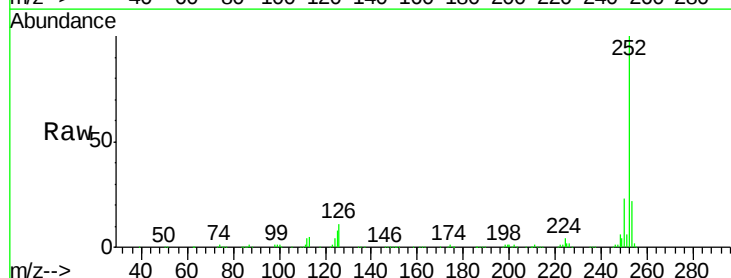
Tgt Ion:252 Resp: 930117

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

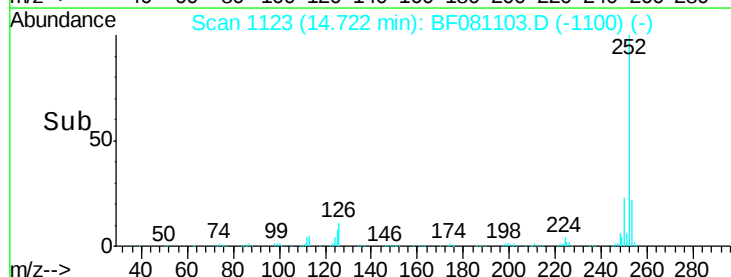
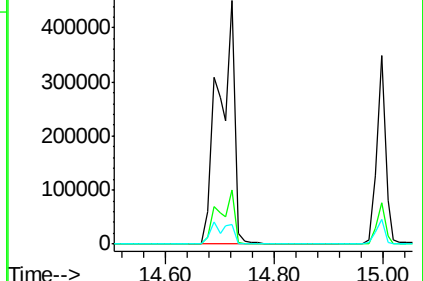
125 7.8 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

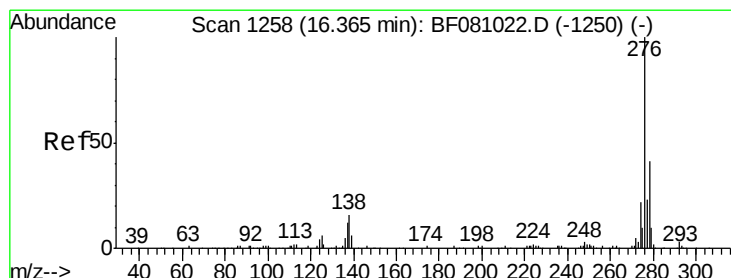
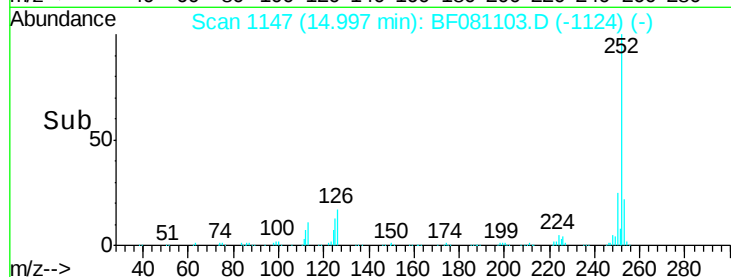
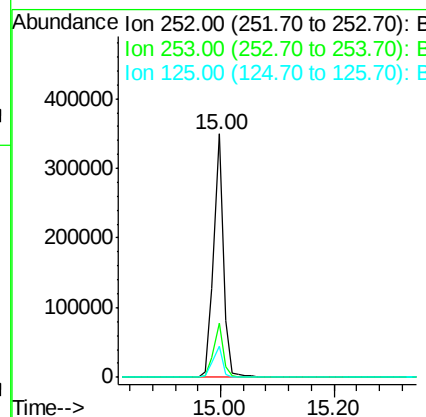
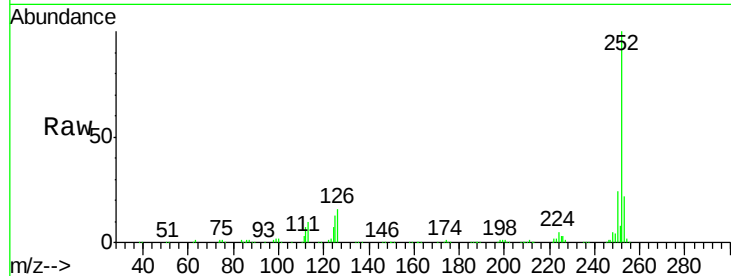




#89
Benzo(a)pyrene
Concen: 38.84 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

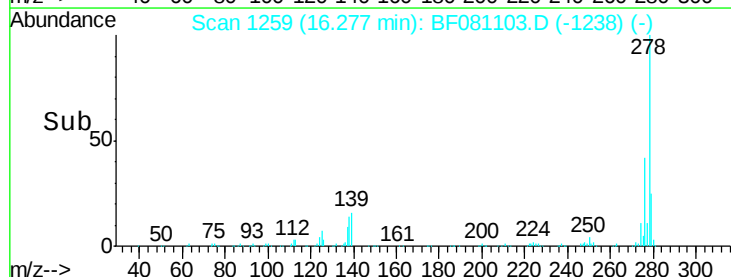
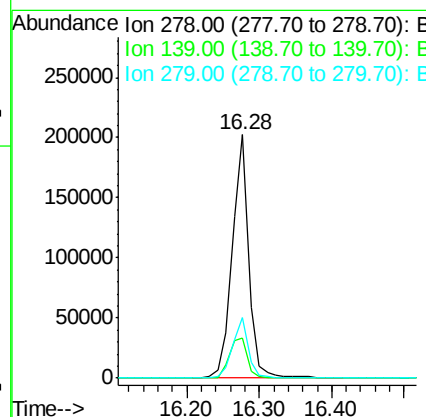
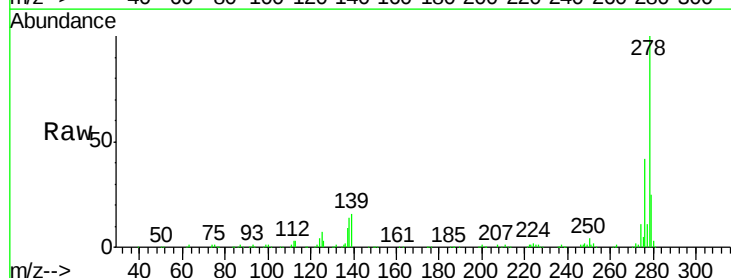
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 403938
Ion Ratio Lower Upper
252 100
253 22.1 16.6 25.0
125 12.8 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 39.47 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081103.D
Acq: 20 Aug 2015 2:37

Tgt Ion:278 Resp: 319822
Ion Ratio Lower Upper
278 100
139 16.4 10.8 16.2#
279 25.0 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.96 ng
 RT: 16.62 min Scan# 1289
 Delta R.T. -0.07 min
 Lab File: BF081103.D
 Acq: 20 Aug 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.2	27.2
138	25.5	13.7	20.5

