

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
 Data File : BF078731.D
 Acq On : 22 Apr 2015 23:11
 Operator : TP/IZ
 Sample : PB82930BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Quant Time: Apr 23 01:15:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	25792	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	104977	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	52741	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	109175	20.00	ng	0.00
75) Chrysene-d12	17.74	240	119996	20.00	ng	0.00
86) Perylene-d12	19.45	264	116907	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	3.80	112	186456	119.19	ng	0.00
7) Phenol-d6	5.29	99	237137	120.96	ng	0.00
23) Nitrobenzene-d5	6.73	82	140001	80.84	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	62647	143.22	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	305594	82.82	ng	0.00
78) Terphenyl-d14	16.40	244	379276	71.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.38	88	19469	27.52	ng	# 23
3) Pyridine	1.86	79	64952	35.05	ng	97
4) n-Nitrosodimethylamine	1.82	42	30924	43.36	ng	# 73
6) Aniline	5.28	93	59772	21.50	ng	94
8) 2-Chlorophenol	5.45	128	68642	37.11	ng	99
9) Benzaldehyde	5.10	77	8044	6.19	ng	89
10) Phenol	5.31	94	85557	36.42	ng	97
11) bis(2-Chloroethyl)ether	5.42	93	61453	36.38	ng	93
12) 1,3-Dichlorobenzene	5.68	146	71731	35.30	ng	98
13) 1,4-Dichlorobenzene	5.82	146	72050	35.23	ng	98
14) 1,2-Dichlorobenzene	6.04	146	70802	36.92	ng	99
15) Benzyl Alcohol	6.07	79	57389	41.66	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	80759	35.84	ng	85
17) 2-Methylphenol	6.30	107	54498	37.95	ng	95
18) Hexachloroethane	6.59	117	25147	36.46	ng	# 80
19) n-Nitroso-di-n-propylamine	6.52	70	47953	37.07	ng	97
20) 3+4-Methylphenols	6.57	107	71258	37.19	ng	92
22) Acetophenone	6.49	105	97483	39.85	ng	# 94
24) Nitrobenzene	6.75	77	68227	37.68	ng	# 82
25) Isophorone	7.19	82	124690	37.93	ng	94
26) 2-Nitrophenol	7.31	139	34671	40.18	ng	98
27) 2,4-Dimethylphenol	7.47	122	61845	38.55	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	78142	37.07	ng	99
29) 2,4-Dichlorophenol	7.76	162	58329	39.96	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	60468	36.13	ng	99
31) Naphthalene	7.99	128	199923	36.59	ng	99
32) Benzoic acid	7.70	122	32911	44.15	ng	92
33) 4-Chloroaniline	8.15	127	48354	21.33	ng	98
34) Hexachlorobutadiene	8.24	225	33114	36.04	ng	95
35) Caprolactam	8.78	113	17420	39.98	ng	89
36) 4-Chloro-3-methylphenol	9.11	107	61582	41.82	ng	91
37) 2-Methylnaphthalene	9.24	142	138461	37.33	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	59853	36.63	ng	98
40) Hexachlorocyclopentadiene	9.54	237	44539	64.73	ng	95

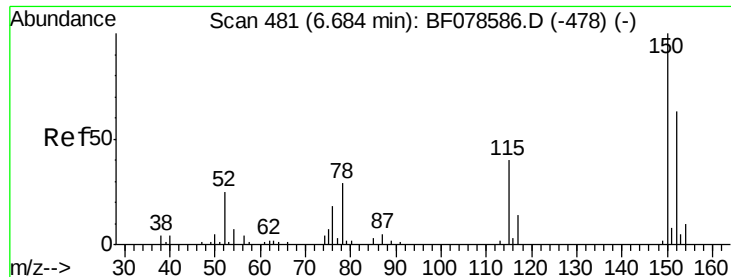
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
 Data File : BF078731.D
 Acq On : 22 Apr 2015 23:11
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Quant Time: Apr 23 01:15:36 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	41437	40.21	ng	98
43) 2,4,5-Trichlorophenol	9.88	196	41123	38.19	ng	# 91
45) 1,1'-Biphenyl	10.12	154	164978	38.24	ng	97
46) 2-Chloronaphthalene	10.12	162	128225	37.78	ng	98
47) 2-Nitroaniline	10.36	65	35392	42.14	ng	87
48) Acenaphthylene	10.87	152	208528	38.04	ng	99
49) Dimethylphthalate	10.78	163	156544	39.51	ng	# 98
50) 2,6-Dinitrotoluene	10.86	165	33086	40.59	ng	# 40
51) Acenaphthene	11.19	154	120562	39.07	ng	99
52) 3-Nitroaniline	11.14	138	26832	28.95	ng	# 99
53) 2,4-Dinitrophenol	11.37	184	21640	71.93	ng	95
54) Dibenzofuran	11.52	168	191177	40.56	ng	98
55) 4-Nitrophenol	11.58	139	43463	64.24	ng	87
56) 2,4-Dinitrotoluene	11.60	165	47496	44.98	ng	# 88
57) Fluorene	12.15	166	156813	41.04	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	30970	38.80	ng	96
59) Diethylphthalate	12.09	149	155231	40.63	ng	98
60) 4-Chlorophenyl-phenylether	12.22	204	71247	40.54	ng	# 85
61) 4-Nitroaniline	12.26	138	35156	37.52	ng	94
62) Azobenzene	12.50	77	146757	42.09	ng	94
64) 4,6-Dinitro-2-methylphenol	12.34	198	18754	36.99	ng	82
65) n-Nitrosodiphenylamine	12.46	169	135168	35.79	ng	99
66) 4-Bromophenyl-phenylether	13.11	248	43636	37.74	ng	96
67) Hexachlorobenzene	13.15	284	45722	36.09	ng	99
68) Atrazine	13.52	200	52338	47.85	ng	95
69) Pentachlorophenol	13.57	266	34249	62.80	ng	97
70) Phenanthrene	13.91	178	233441	36.96	ng	100
71) Anthracene	14.00	178	237539	38.17	ng	99
72) Carbazole	14.34	167	229215	39.30	ng	99
73) Di-n-butylphthalate	15.03	149	269718	40.82	ng	99
74) Fluoranthene	15.81	202	264456	39.71	ng	92
76) Benzidine	16.07	184	107361	23.24	ng	97
77) Pyrene	16.11	202	279464	37.10	ng	99
79) Butylbenzylphthalate	17.11	149	123718	43.09	ng	# 81
80) Benzo(a)anthracene	17.73	228	259018	36.28	ng	99
81) 3,3'-Dichlorobenzidine	17.74	252	66780	27.93	ng	# 98
82) Chrysene	17.77	228	250347	37.32	ng	100
83) Bis(2-ethylhexyl)phthalate	17.87	149	181109	40.22	ng	97
84) Di-n-octyl phthalate	18.66	149	321029	43.42	ng	# 100
85) Indeno(1,2,3-cd)pyrene	20.63	276	287136	37.72	ng	# 87
87) Benzo(b)fluoranthene	19.03	252	261858	36.24	ng	99
88) Benzo(k)fluoranthene	19.03	252	261839	40.78	ng	# 94
89) Benzo(a)pyrene	19.39	252	248585	39.42	ng	# 97
90) Dibenzo(a,h)anthracene	20.66	278	220539	34.93	ng	96
91) Benzo(g,h,i)perylene	20.95	276	225908	35.69	ng	96

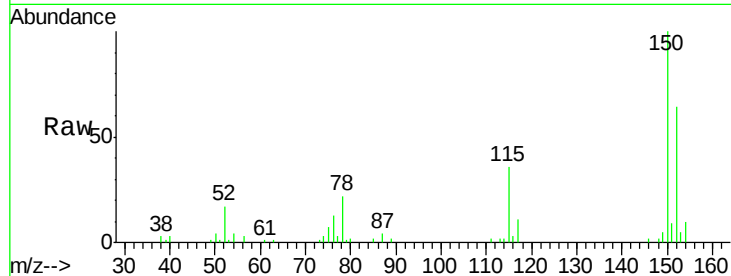
(#) = qualifier out of range (m) = manual integration (+) = signals summed



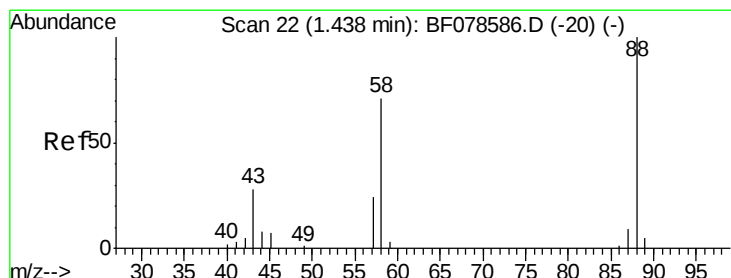
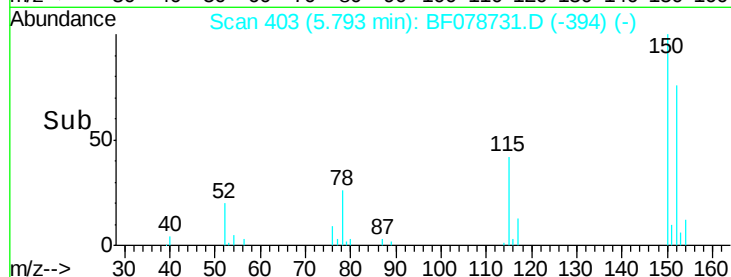
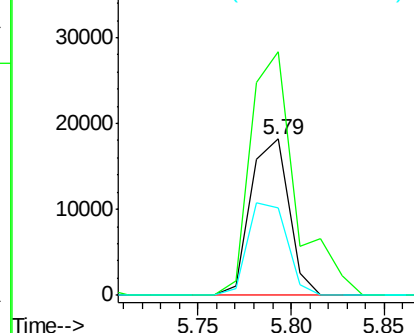
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.79 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:152 Resp: 25792
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.9 188.9
 115 55.7 52.7 79.1

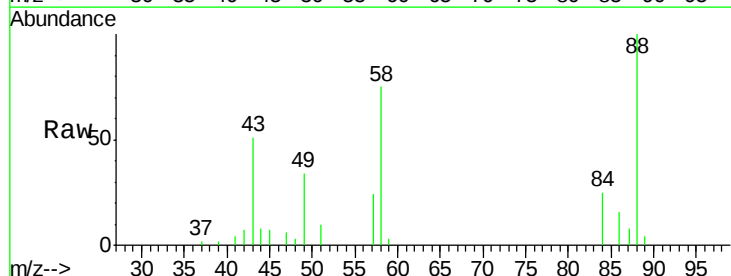


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

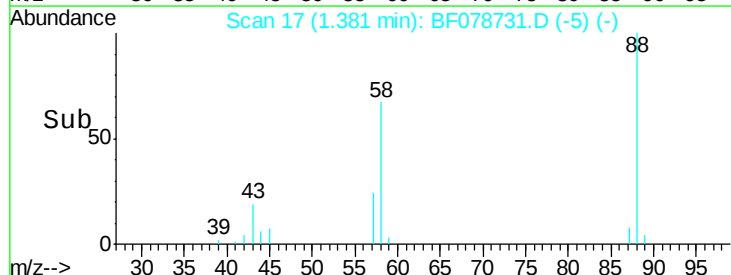
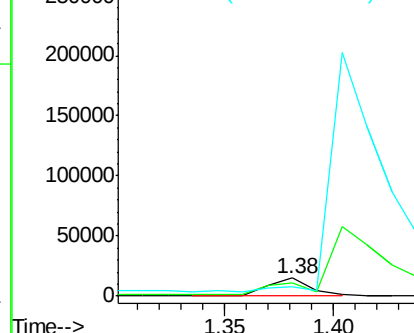


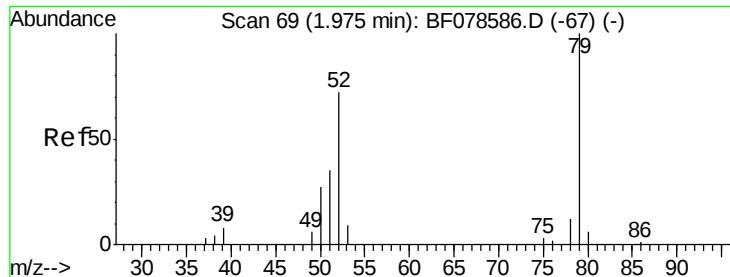
#2
 1,4-Dioxane
 Concen: 27.52 ng
 RT: 1.38 min Scan# 17
 Delta R.T. 0.03 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion: 88 Resp: 19469
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.9 85.3#
 43 0.0 21.4 32.2#



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

Pyridine

Concen: 35.05 ng

RT: 1.86 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

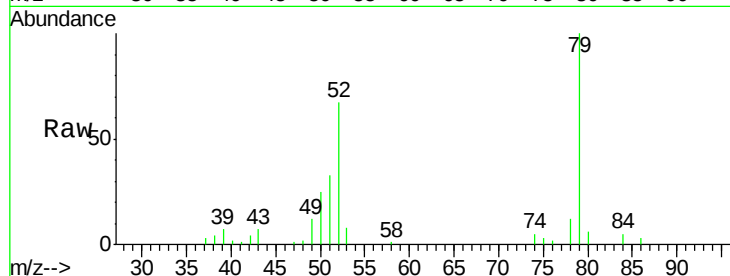
Tgt Ion: 79 Resp: 64952

Ion Ratio Lower Upper

79 100

52 67.1 52.4 78.6

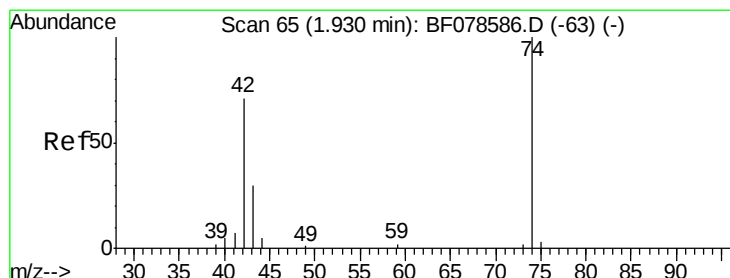
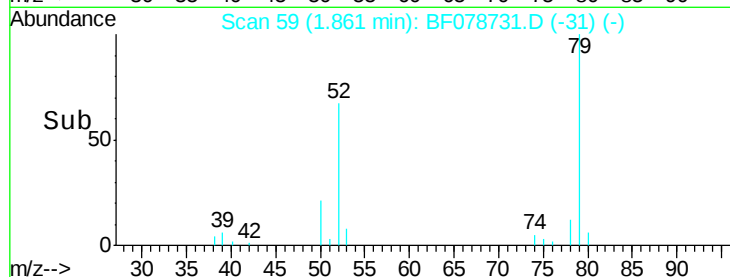
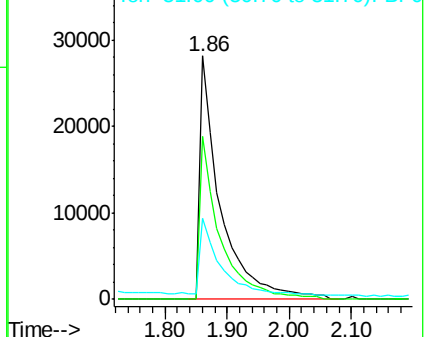
51 33.4 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.36 ng

RT: 1.82 min Scan# 55

Delta R.T. 0.01 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

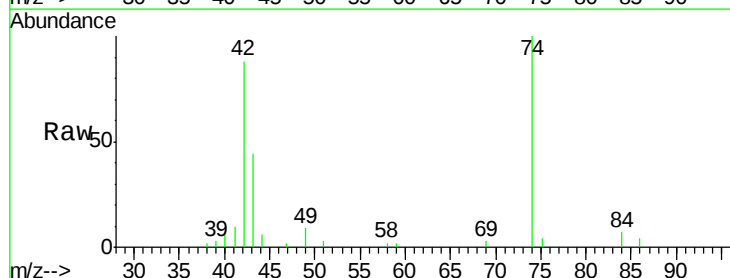
Tgt Ion: 42 Resp: 30924

Ion Ratio Lower Upper

42 100

74 113.1 118.7 178.1#

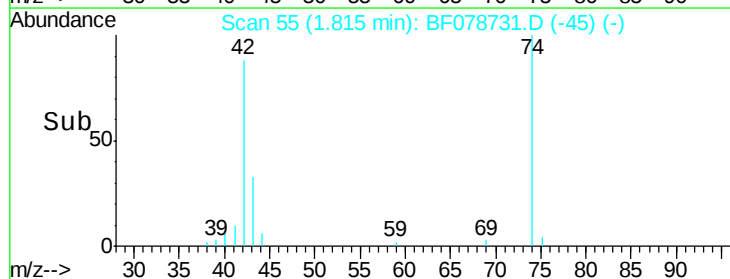
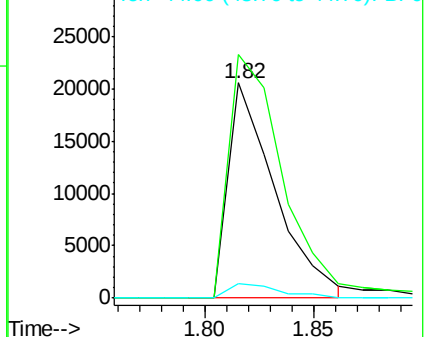
44 6.8 5.9 8.9

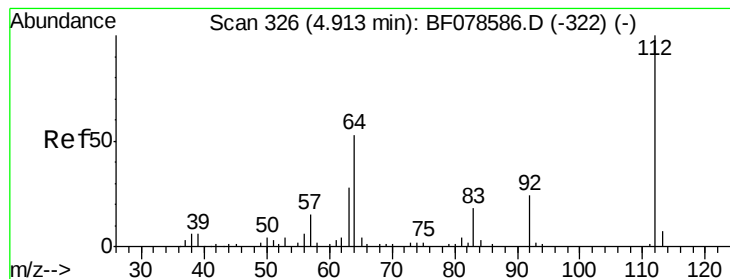


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.19 ng

RT: 3.80 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

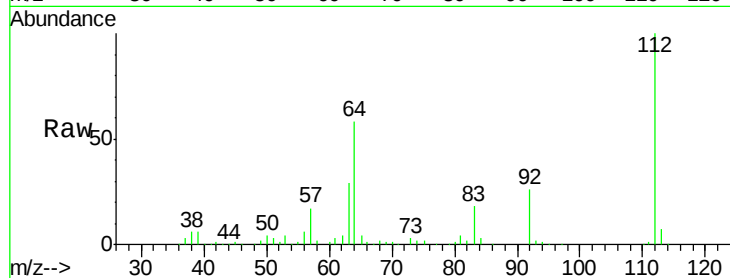
Instrument :

BNA_F

ClientSampleId :

PB82930BS

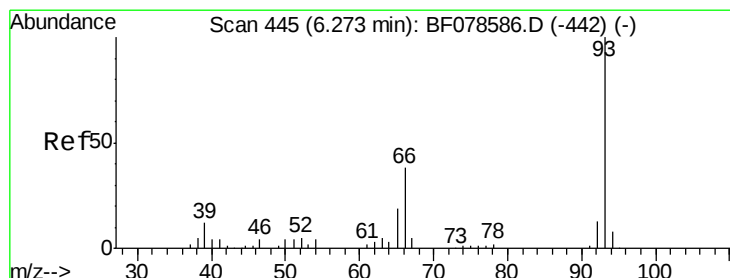
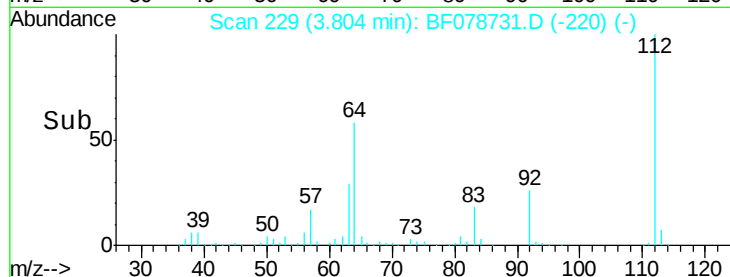
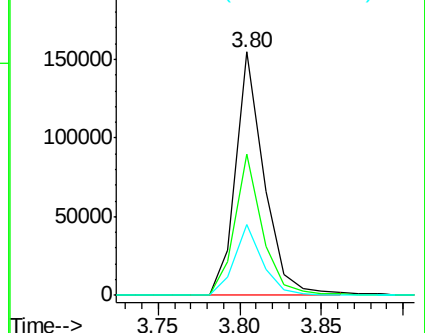
Tgt Ion:	112	Resp:	186456
Ion	Ratio	Lower	Upper
112	100		
64	57.8	39.9	59.9
63	29.1	20.2	30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.50 ng

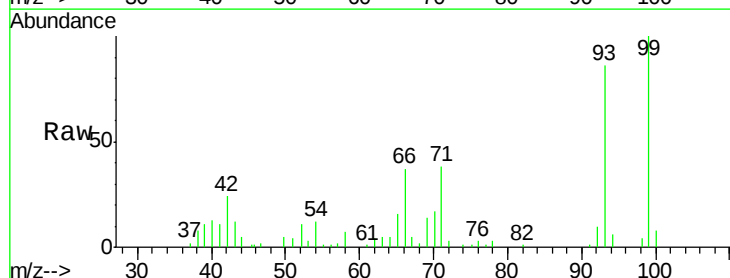
RT: 5.28 min Scan# 358

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

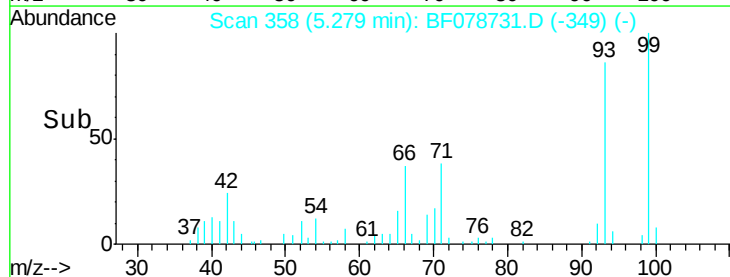
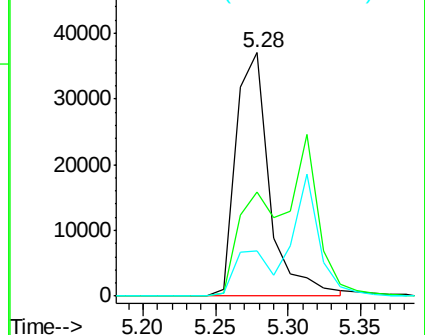
Tgt Ion:	93	Resp:	59772
Ion	Ratio	Lower	Upper
93	100		
66	42.5	38.0	57.0
65	18.8	16.3	24.5

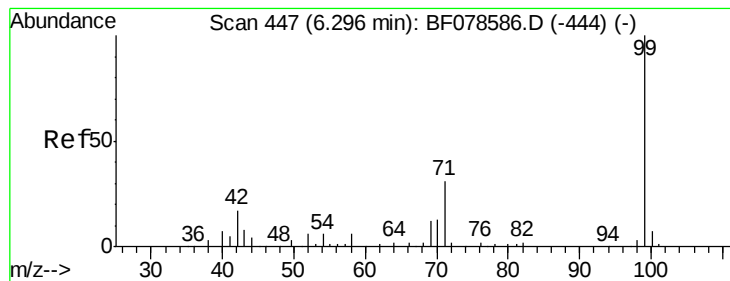


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.96 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

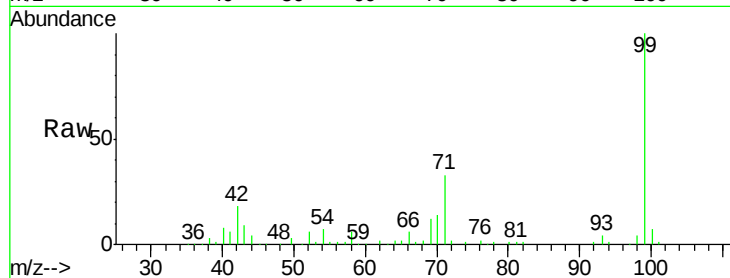
Tgt Ion: 99 Resp: 237137

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

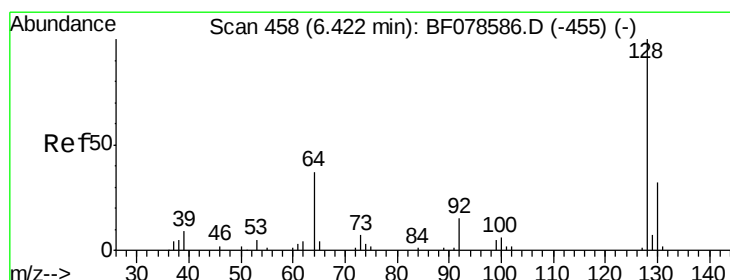
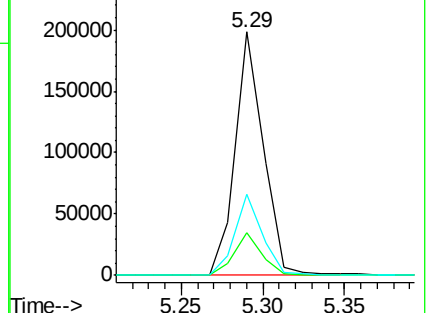
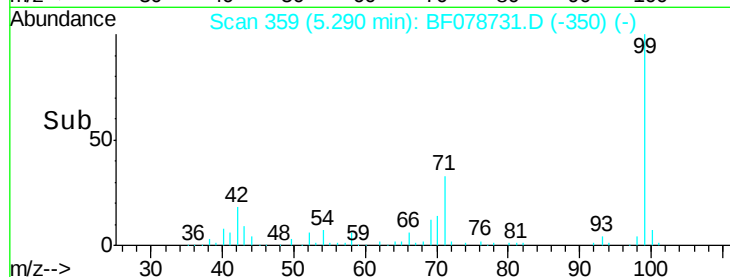
71 33.0 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.11 ng

RT: 5.45 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

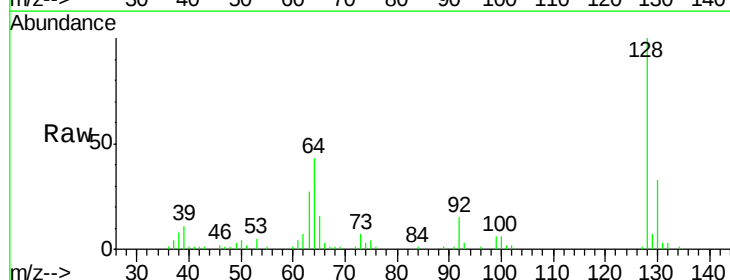
Tgt Ion: 128 Resp: 68642

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

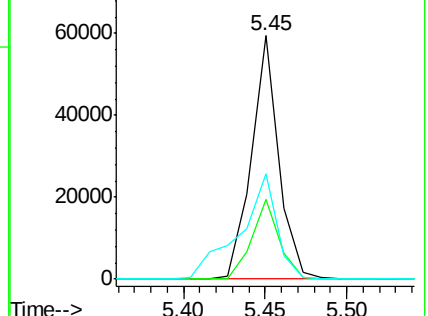
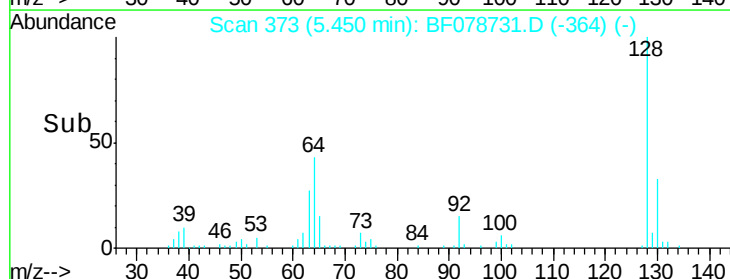
64 43.5 23.8 63.8

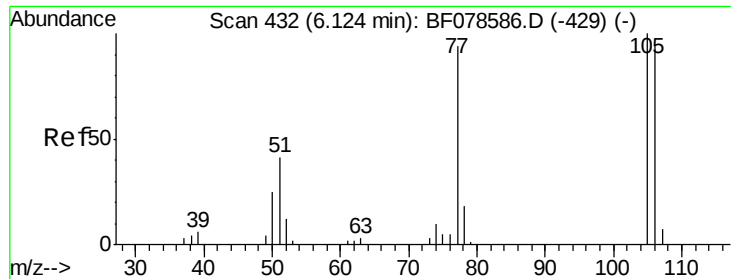


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

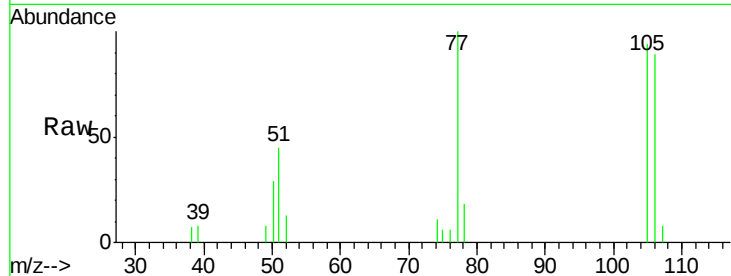




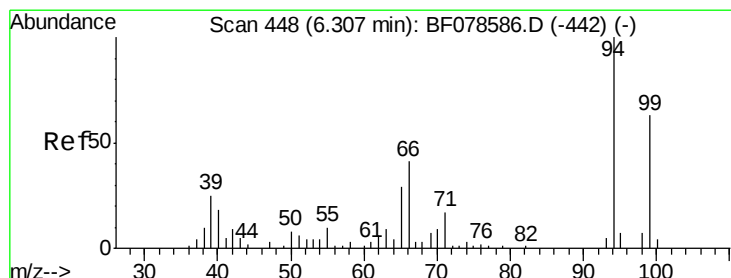
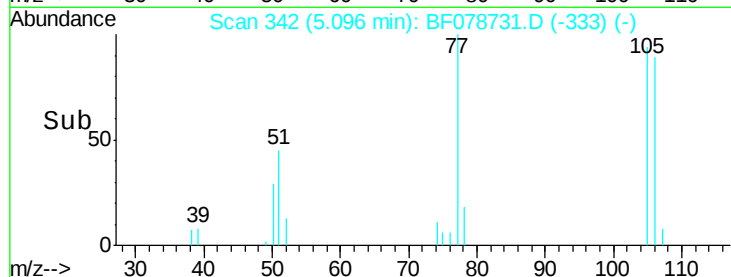
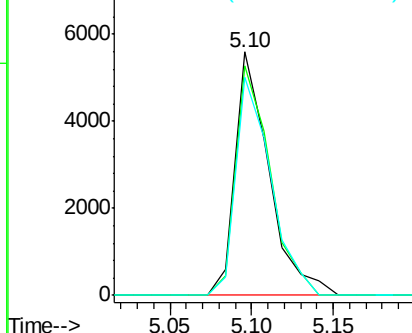
#9
Benzaldehyde
Concen: 6.19 ng
RT: 5.10 min Scan# 342
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tgt Ion: 77 Resp: 8044
Ion Ratio Lower Upper
77 100
105 94.5 85.4 125.4
106 89.5 80.8 120.8

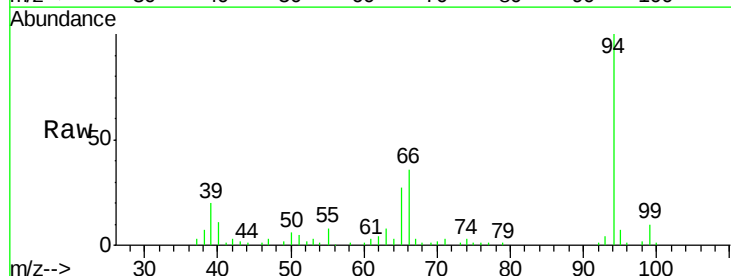


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

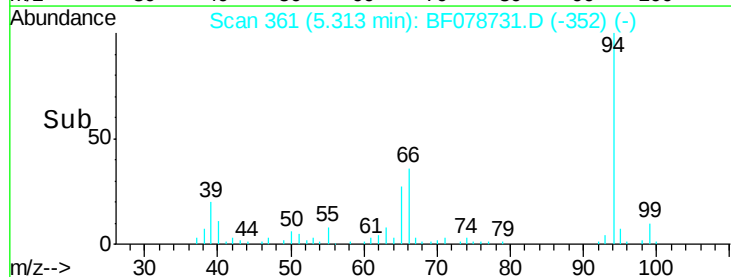
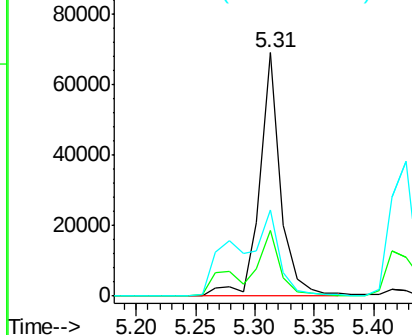


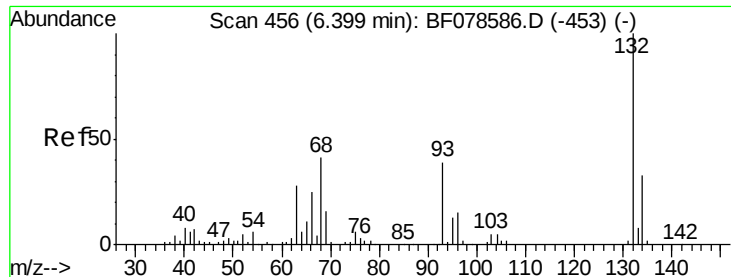
#10
Phenol
Concen: 36.42 ng
RT: 5.31 min Scan# 361
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion: 94 Resp: 85557
Ion Ratio Lower Upper
94 100
65 26.8 4.9 44.9
66 35.6 13.8 53.8



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

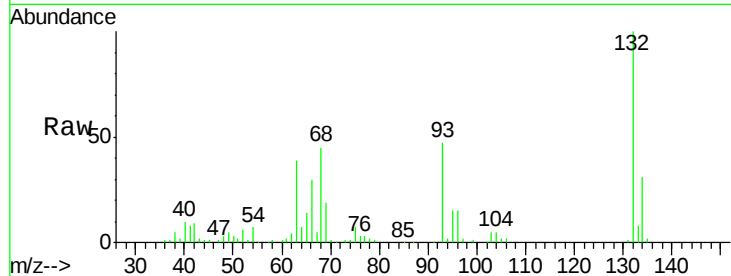




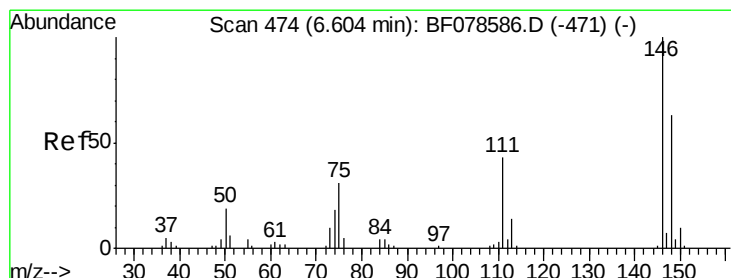
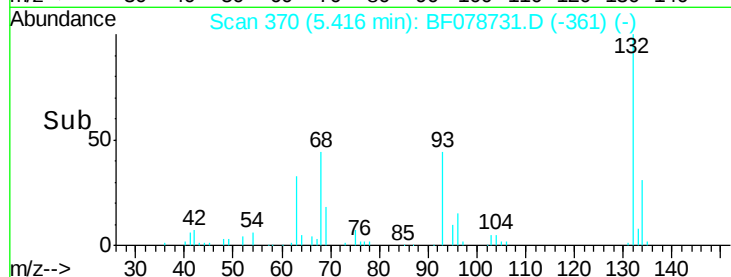
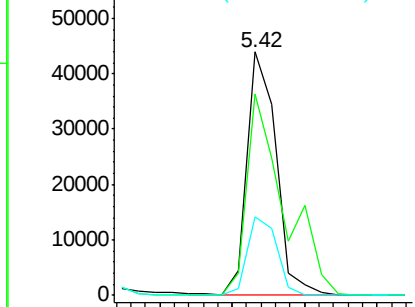
#11
 bis(2-Chloroethyl)ether
 Concen: 36.38 ng
 RT: 5.42 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion: 93 Resp: 61453
 Ion Ratio Lower Upper
 93 100
 63 82.7 54.6 94.6
 95 32.3 13.6 53.6

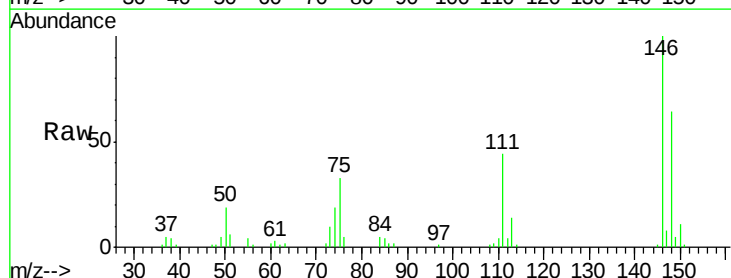


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0

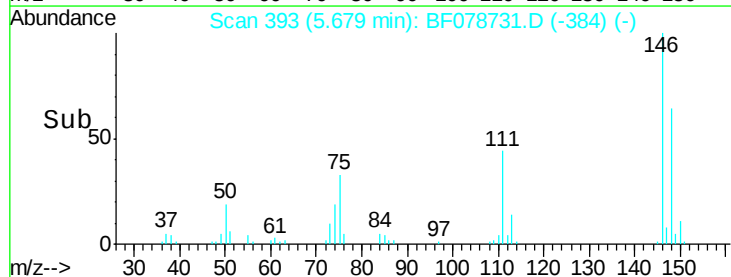
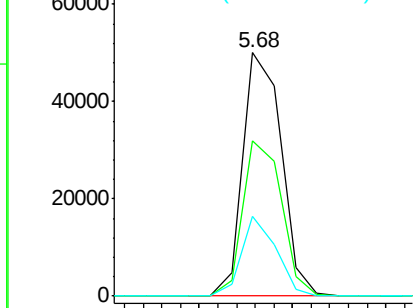


#12
 1,3-Dichlorobenzene
 Concen: 35.30 ng
 RT: 5.68 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion: 146 Resp: 71731
 Ion Ratio Lower Upper
 146 100
 148 63.7 49.1 73.7
 75 32.7 26.6 40.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

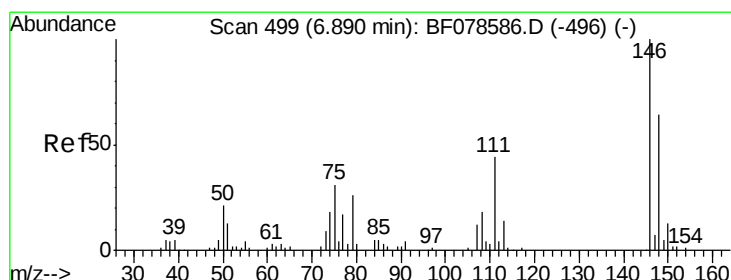
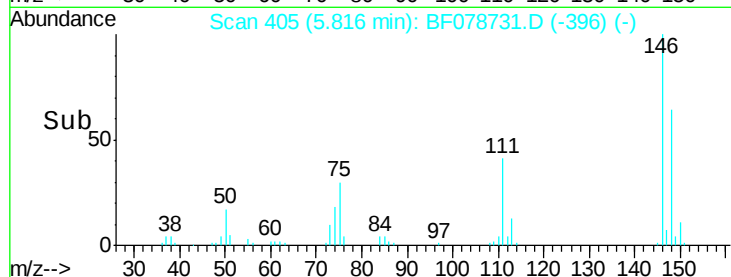
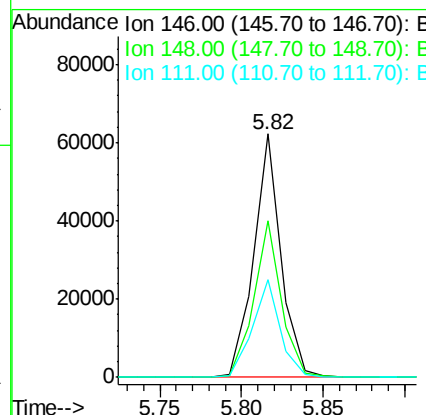
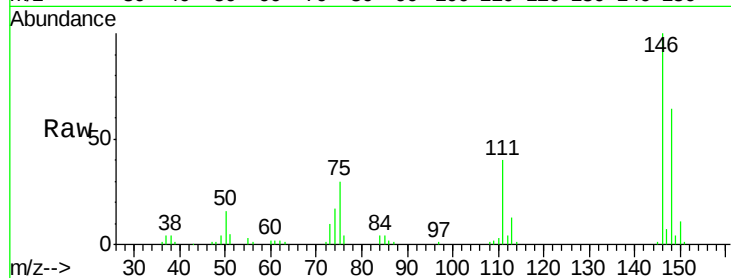




#13
 1,4-Dichlorobenzene
 Concen: 35.23 ng
 RT: 5.82 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

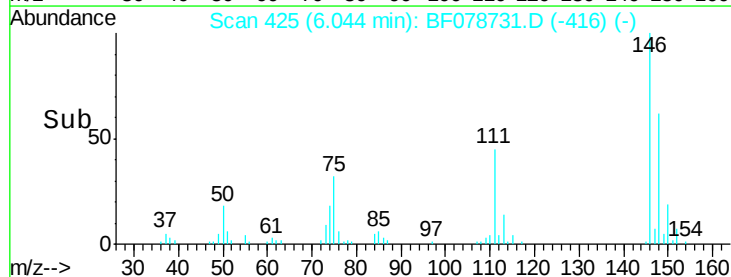
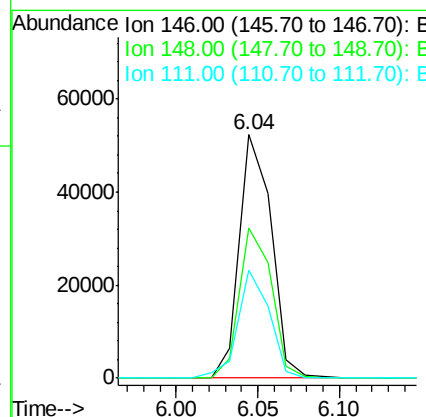
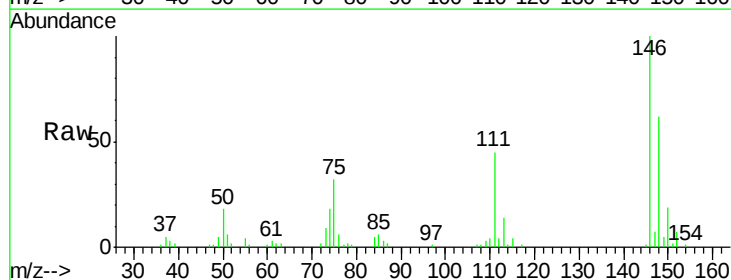
Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

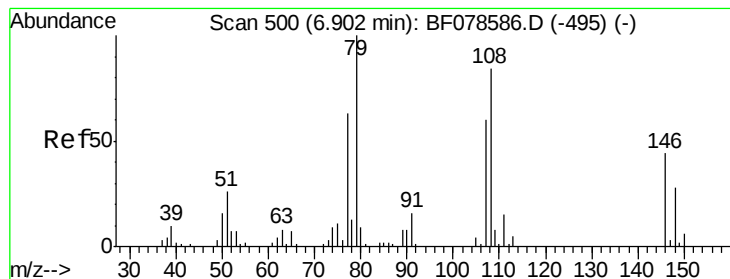
Tgt Ion:146 Resp: 72050
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.0
 111 40.2 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 36.92 ng
 RT: 6.04 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:146 Resp: 70802
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.2 75.4
 111 44.6 36.1 54.1





#15

Benzyl Alcohol

Concen: 41.66 ng

RT: 6.07 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

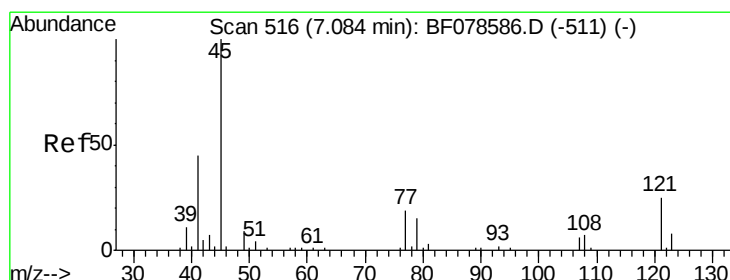
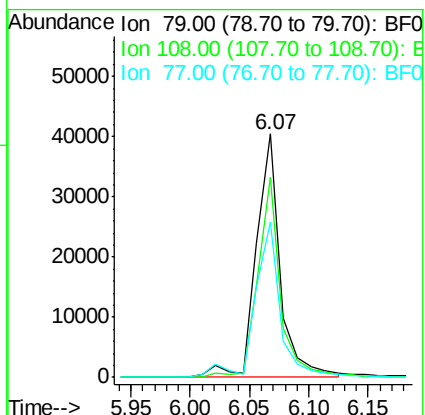
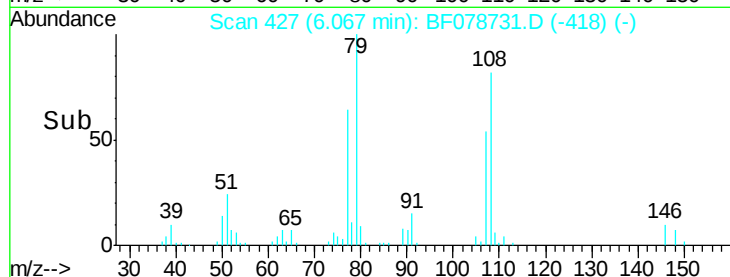
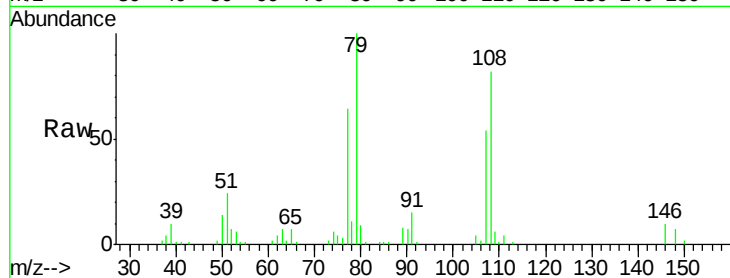
Tgt Ion: 79 Resp: 57389

Ion Ratio Lower Upper

79 100

108 82.4 57.6 86.4

77 63.6 53.5 80.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.84 ng

RT: 6.31 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

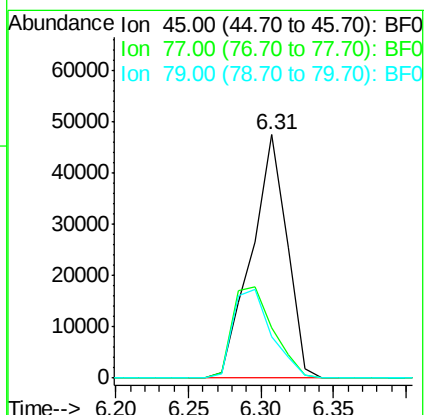
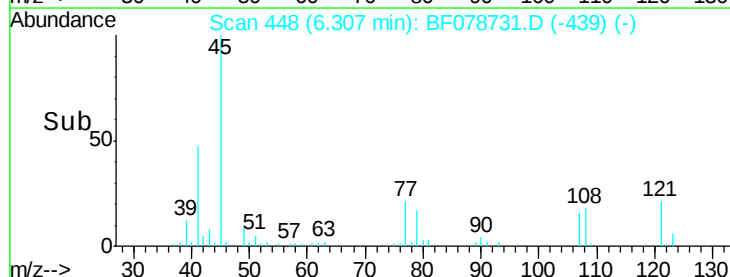
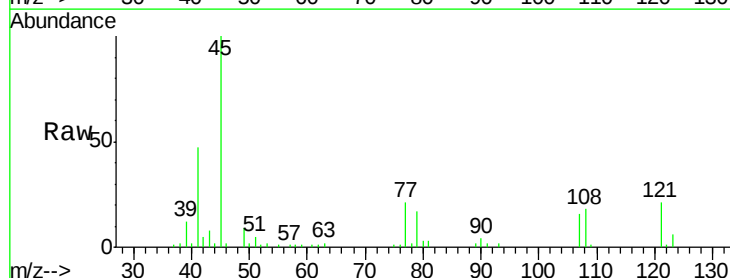
Tgt Ion: 45 Resp: 80759

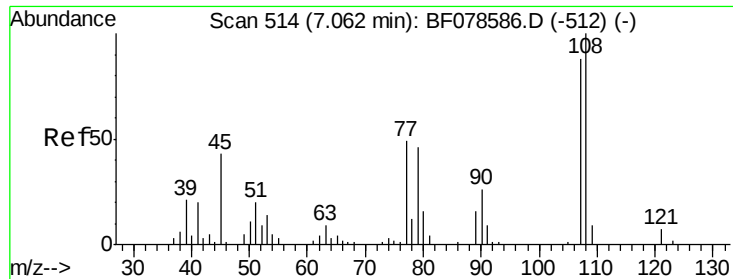
Ion Ratio Lower Upper

45 100

77 20.8 0.0 34.5

79 17.2 0.0 31.9

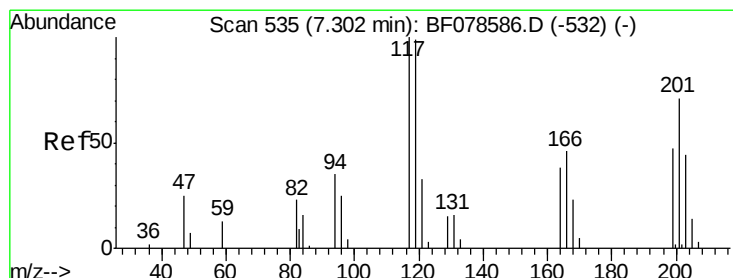
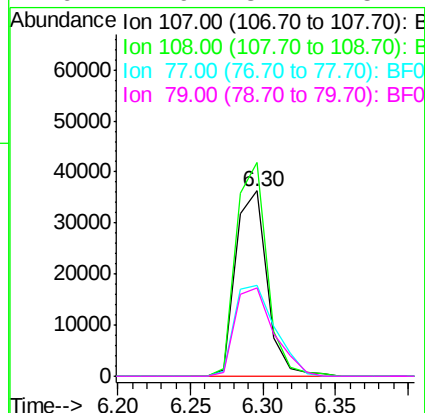
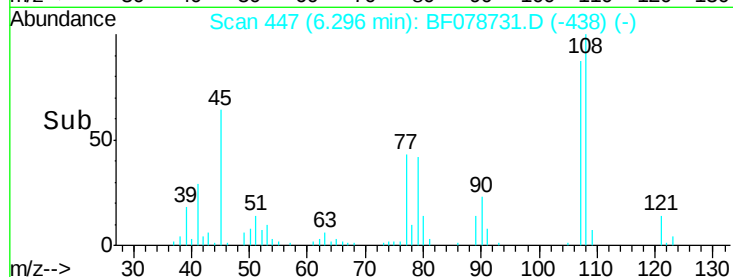
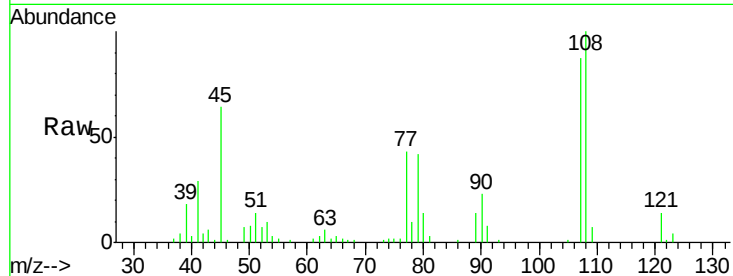




#17
2-Methylphenol
Concen: 37.95 ng
RT: 6.30 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

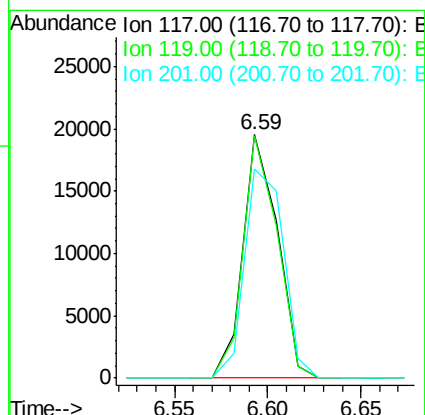
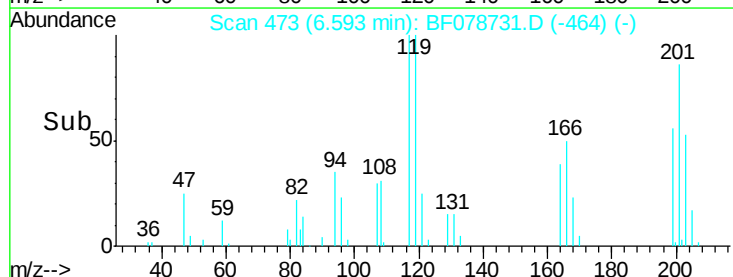
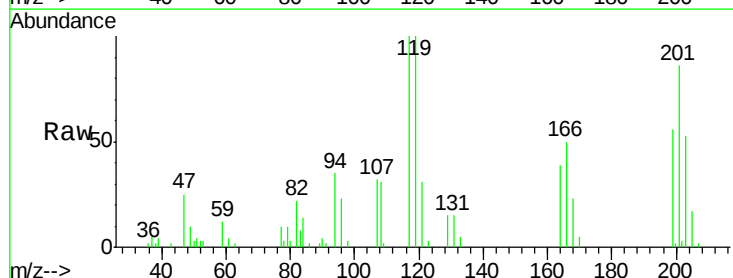
Instrument :
BNA_F
ClientSampleId :
PB82930BS

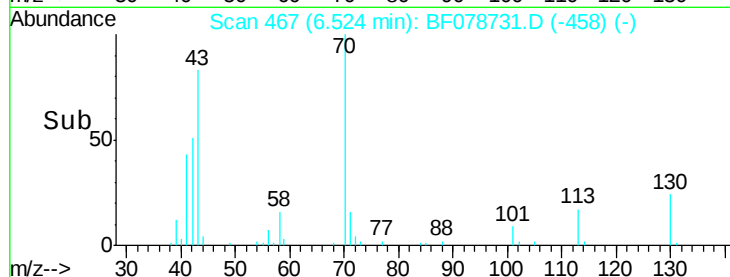
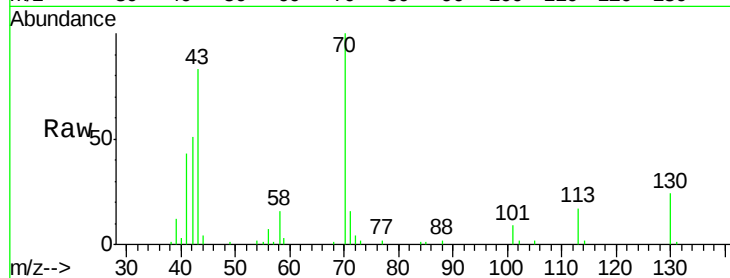
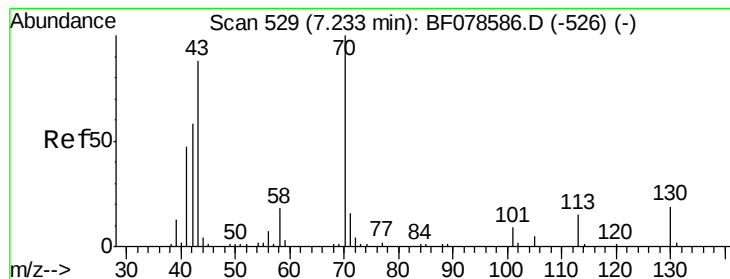
Tgt Ion:107 Resp: 54498
Ion Ratio Lower Upper
107 100
108 115.3 90.3 135.5
77 49.2 35.5 53.3
79 47.9 34.2 51.4



#18
Hexachloroethane
Concen: 36.46 ng
RT: 6.59 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion:117 Resp: 25147
Ion Ratio Lower Upper
117 100
119 99.8 77.0 115.6
201 85.8 98.1 147.1#





#19

n-Nitroso-di-n-propylamine

Concen: 37.07 ng

RT: 6.52 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

Tgt Ion: 70 Resp: 47953

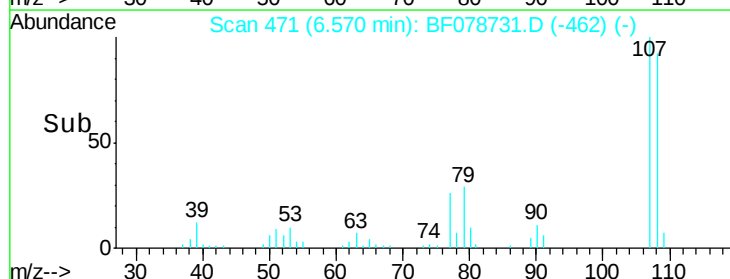
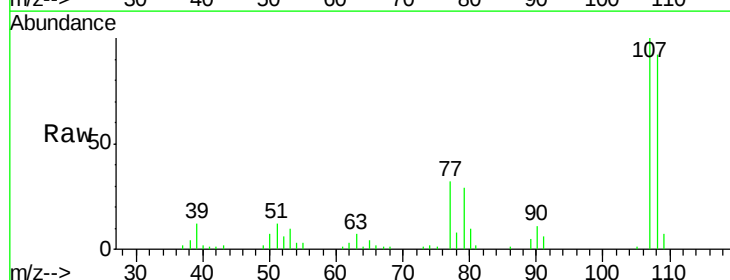
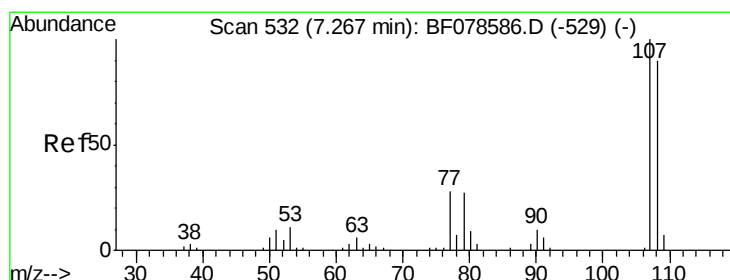
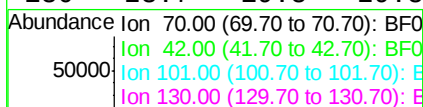
Ion Ratio Lower Upper

70 100

42 51.1 38.9 58.3

101 9.4 8.3 12.5

130 23.7 19.8 29.8



#20

3+4-Methylphenols

Concen: 37.19 ng

RT: 6.57 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion: 107 Resp: 71258

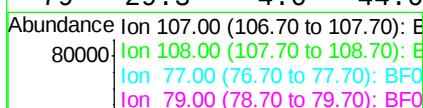
Ion Ratio Lower Upper

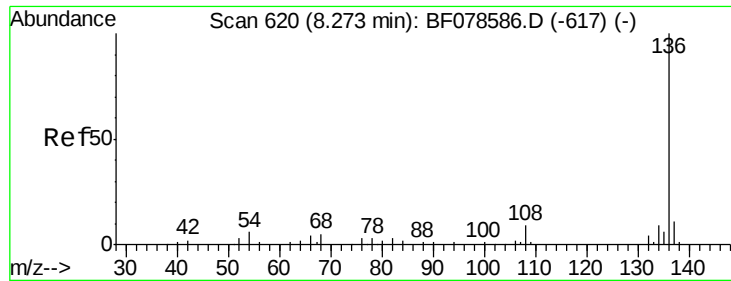
107 100

108 91.8 64.4 104.4

77 32.2 9.7 49.7

79 29.3 4.0 44.0

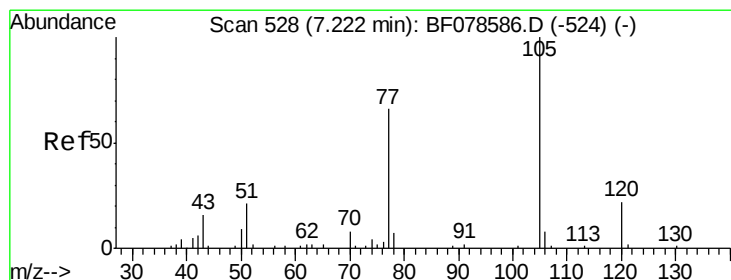
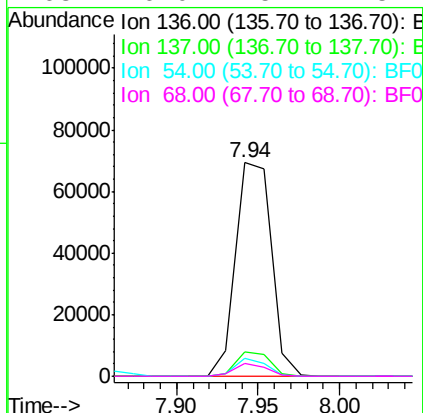
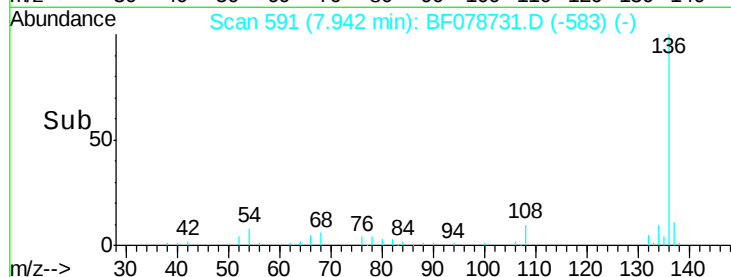
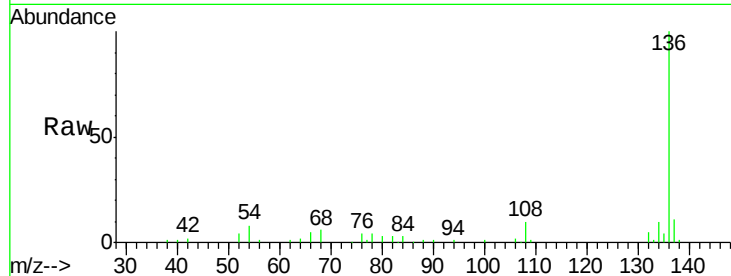




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

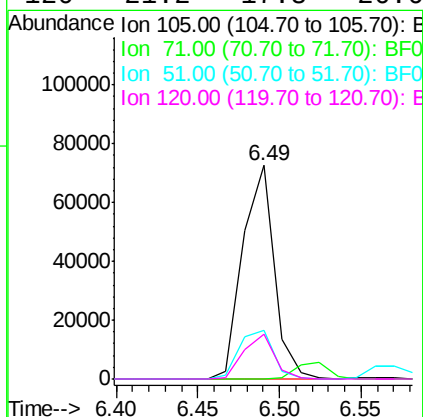
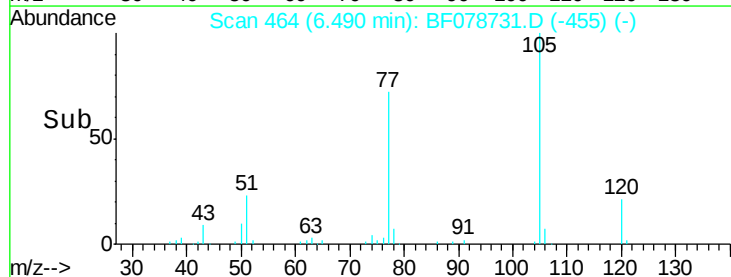
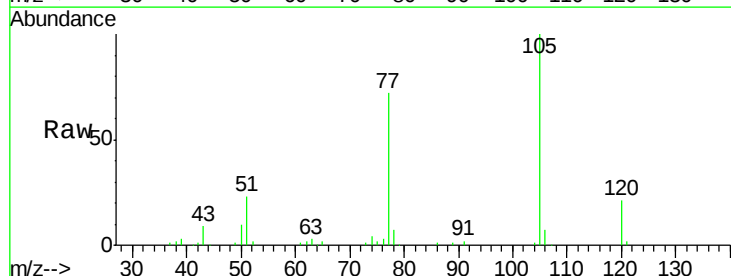
Instrument :
BNA_F
ClientSampleId :
PB82930BS

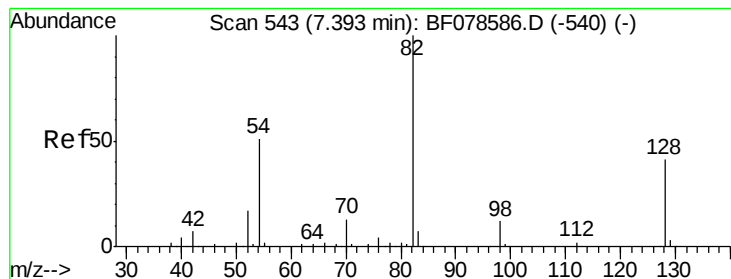
Tgt Ion:	136	Resp:	104977
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.2	7.0	10.6
68	6.0	5.4	8.2



#22
Acetophenone
Concen: 39.85 ng
RT: 6.49 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion:	105	Resp:	97483
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	23.0	16.0	24.0
120	21.2	17.8	26.6





#23

Nitrobenzene-d5

Concen: 80.84 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

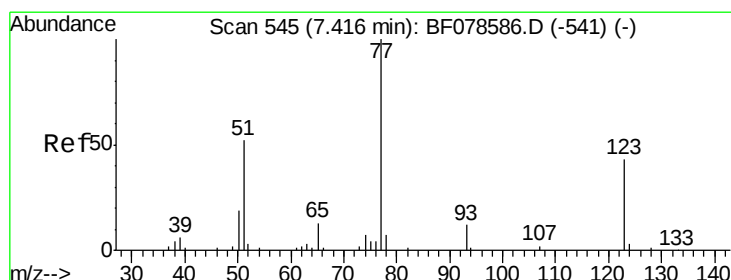
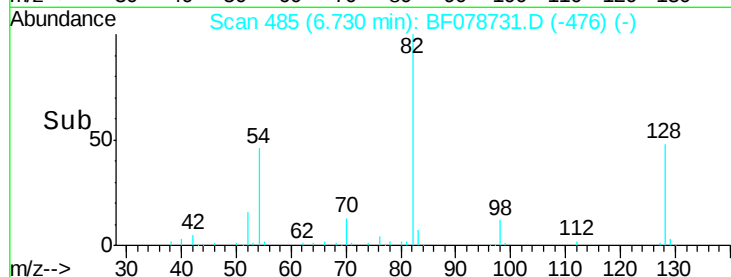
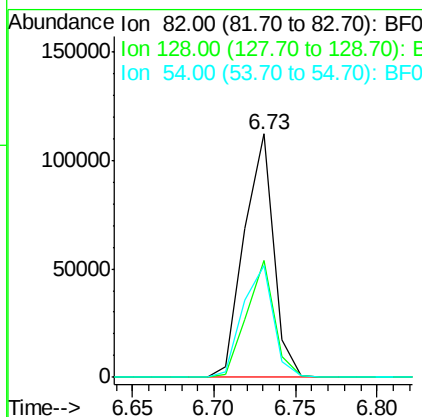
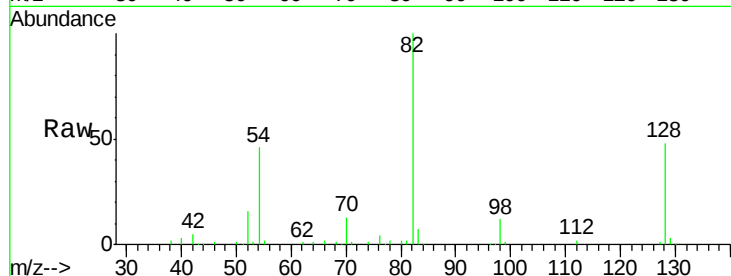
Instrument :

BNA_F

ClientSampleId :

PB82930BS

Tgt Ion:	82	Resp:	140001
Ion	Ratio	Lower	Upper
82	100		
128	48.2	31.8	47.8#
54	46.1	41.5	62.3



#24

Nitrobenzene

Concen: 37.68 ng

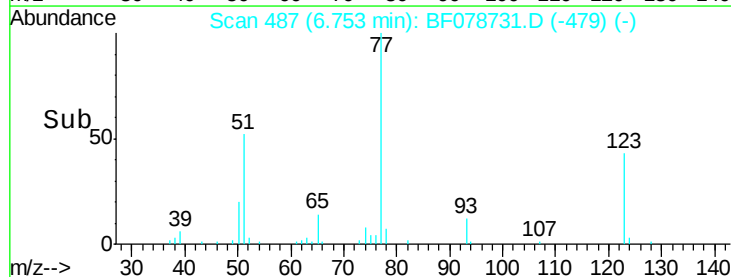
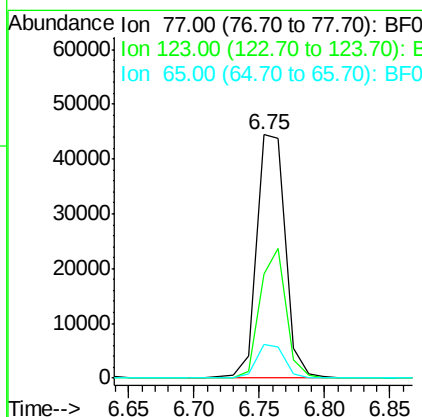
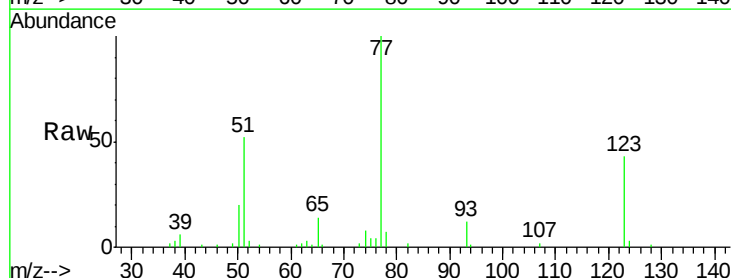
RT: 6.75 min Scan# 487

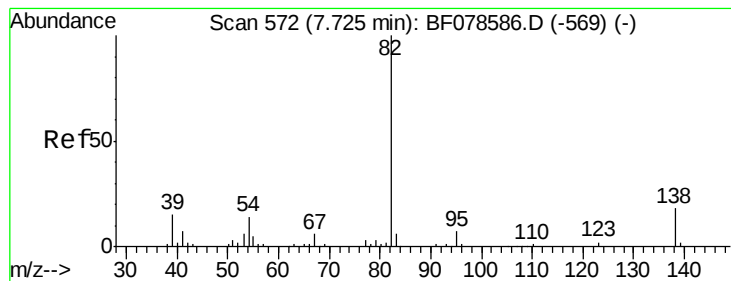
Delta R.T. -0.01 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Tgt Ion:	77	Resp:	68227
Ion	Ratio	Lower	Upper
77	100		
123	43.0	46.9	70.3#
65	13.8	9.5	14.3





#25

Isophorone

Concen: 37.93 ng

RT: 7.19 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

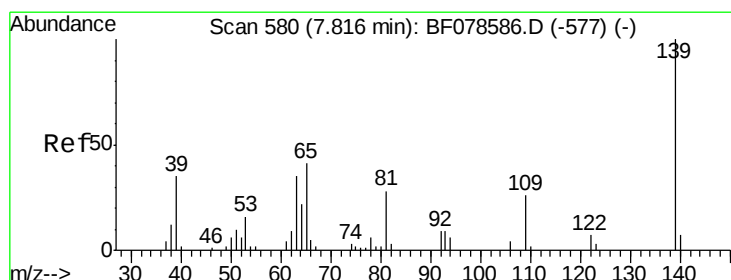
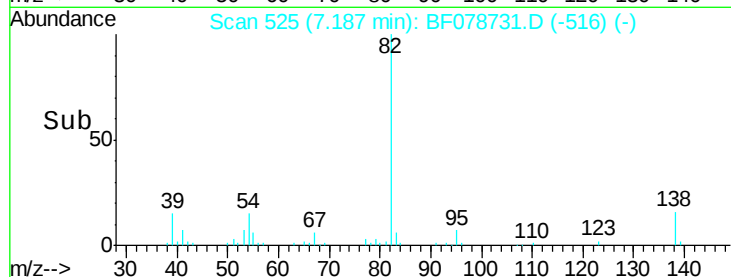
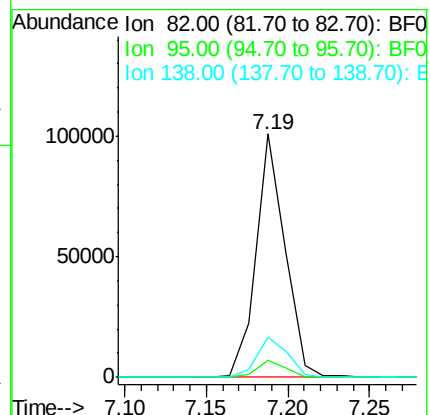
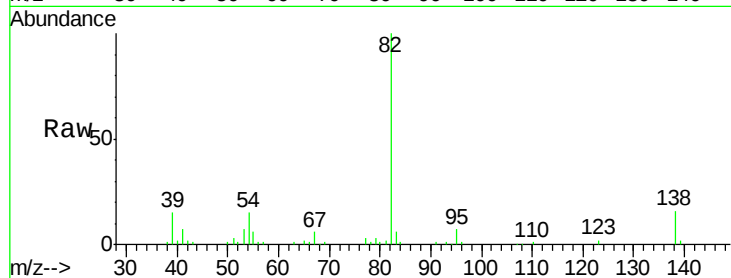
Tgt Ion: 82 Resp: 124690

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 16.5 15.8 23.8



#26

2-Nitrophenol

Concen: 40.18 ng

RT: 7.31 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

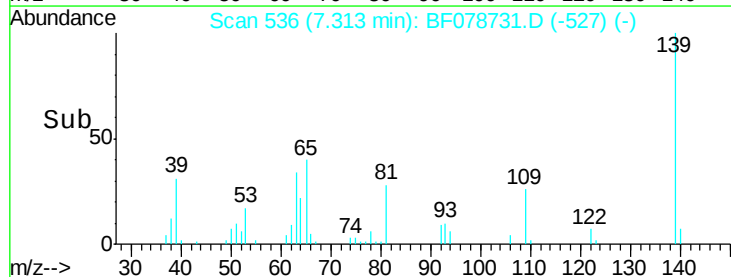
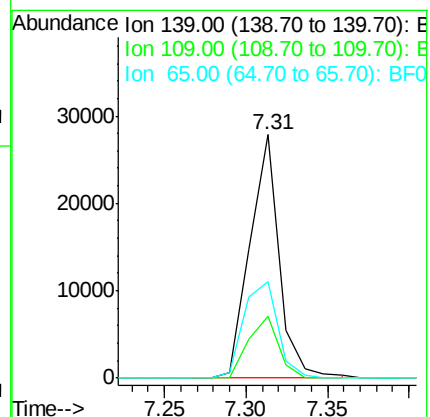
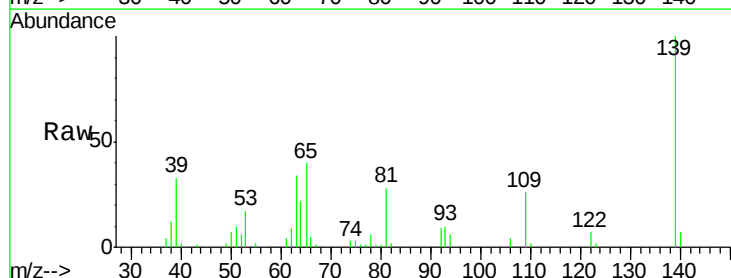
Tgt Ion: 139 Resp: 34671

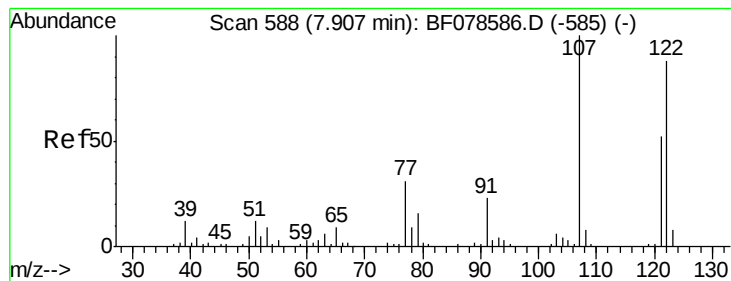
Ion Ratio Lower Upper

139 100

109 25.7 19.8 29.8

65 39.5 32.7 49.1





#27

2,4-Dimethylphenol

Concen: 38.55 ng

RT: 7.47 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

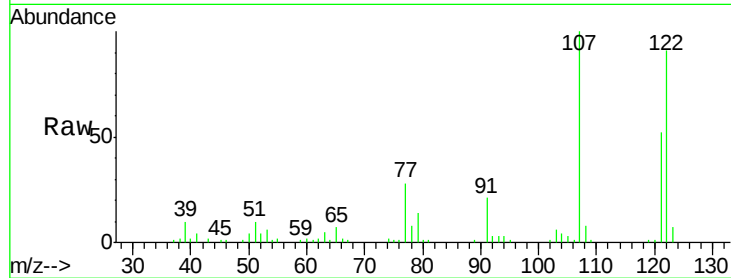
Tgt Ion:122 Resp: 61845

Ion Ratio Lower Upper

122 100

107 109.7 84.6 127.0

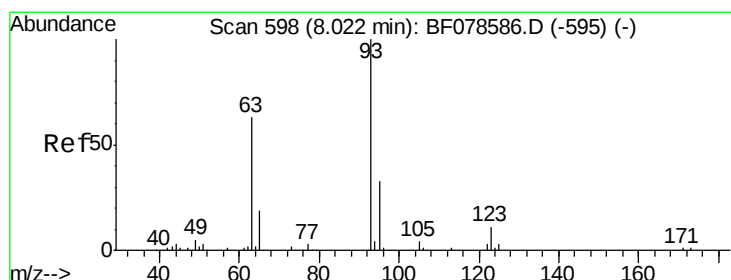
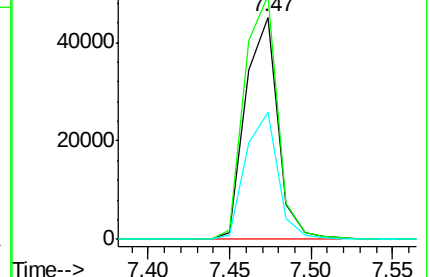
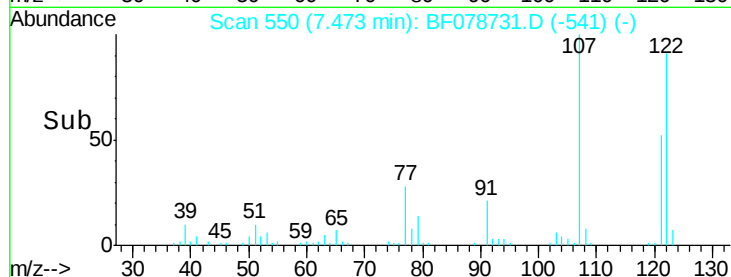
121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.07 ng

RT: 7.63 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

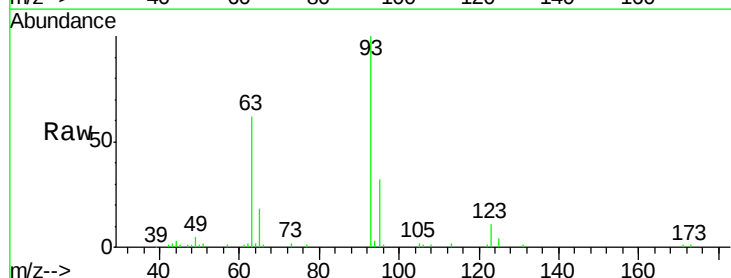
Tgt Ion: 93 Resp: 78142

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

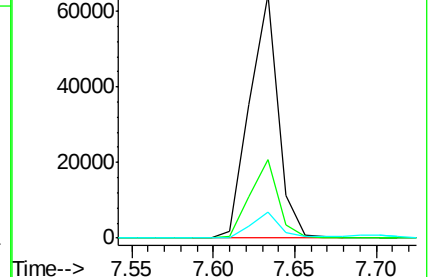
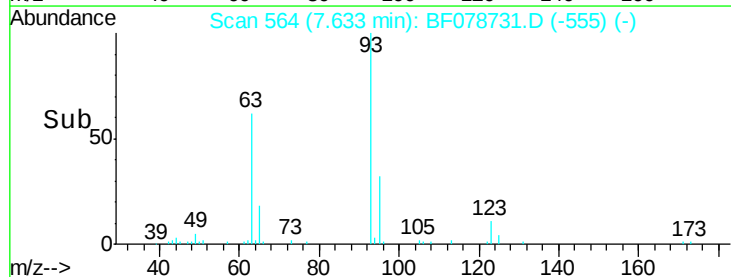
123 10.9 9.1 13.7

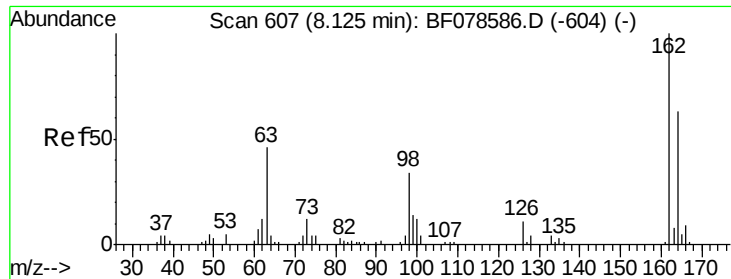


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

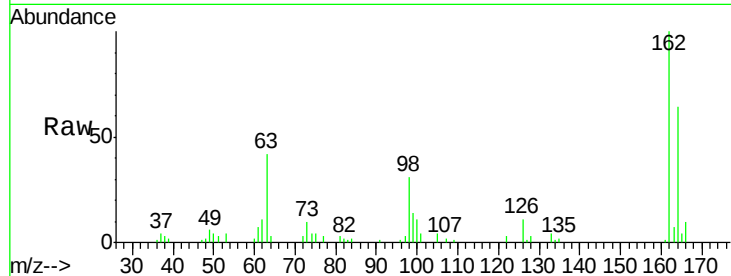




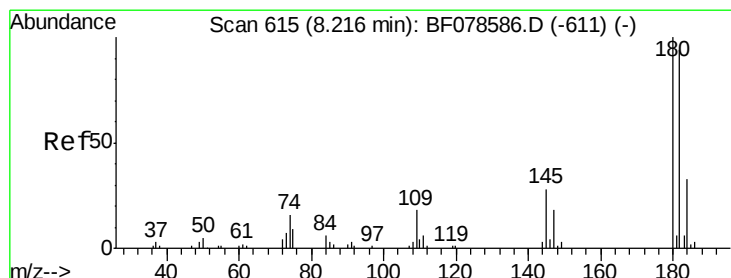
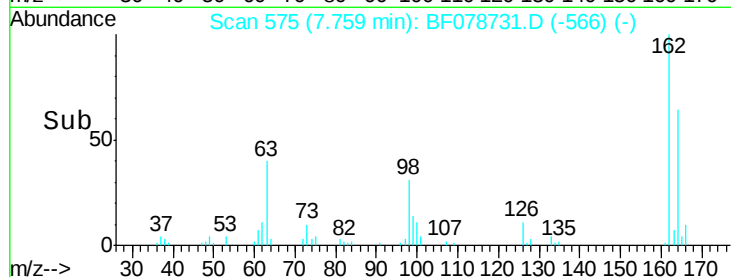
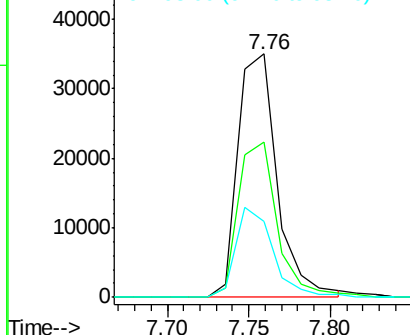
#29
 2,4-Dichlorophenol
 Concen: 39.96 ng
 RT: 7.76 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:162 Resp: 58329
 Ion Ratio Lower Upper
 162 100
 164 63.7 47.0 87.0
 98 31.3 9.2 49.2

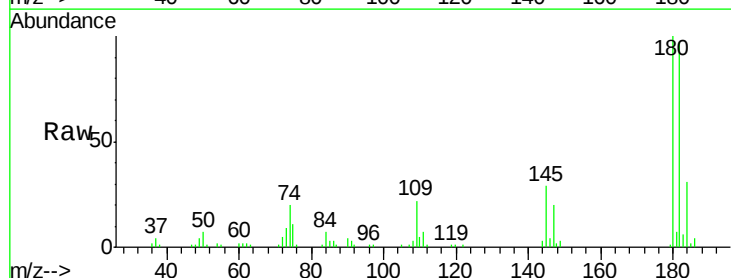


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

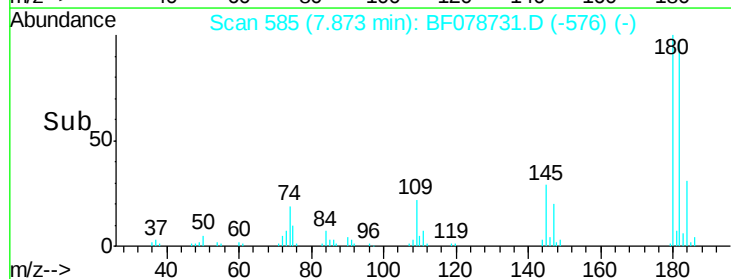
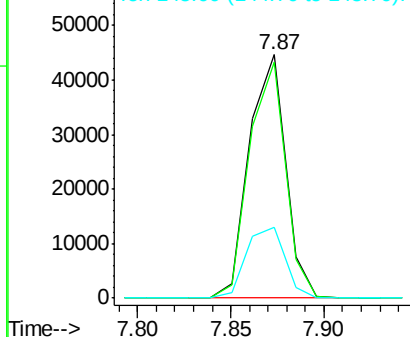


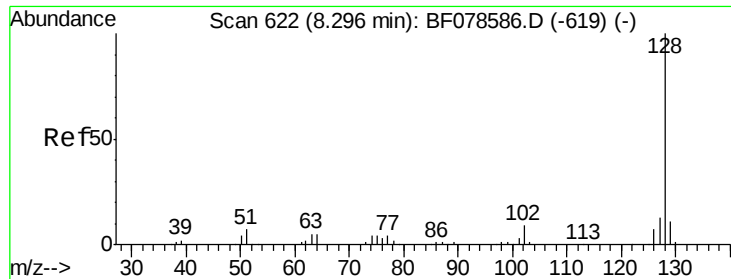
#30
 1,2,4-Trichlorobenzene
 Concen: 36.13 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:180 Resp: 60468
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.9 115.3
 145 29.1 22.5 33.7



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

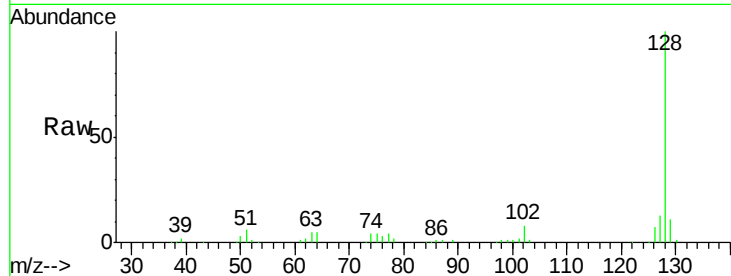




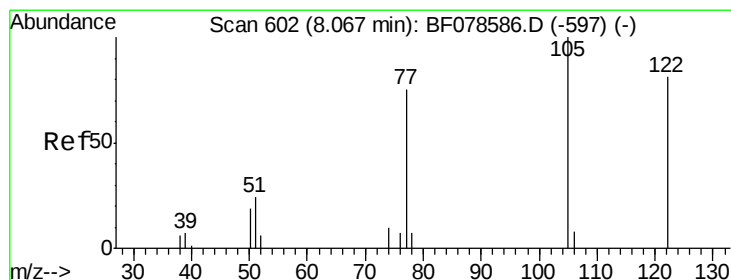
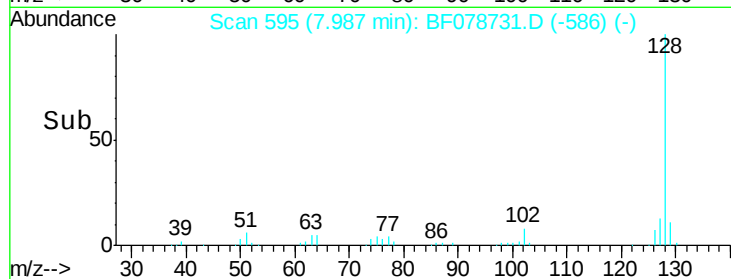
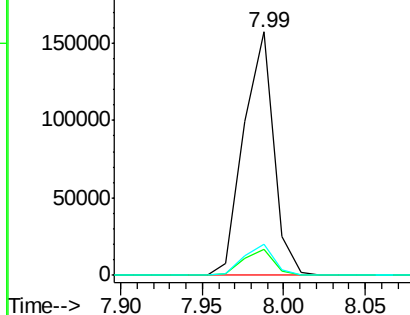
#31
Naphthalene
Concen: 36.59 ng
RT: 7.99 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tgt Ion:128 Resp: 199923
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.8 10.7 16.1

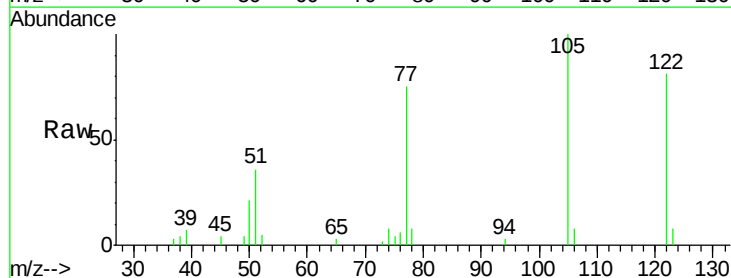


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

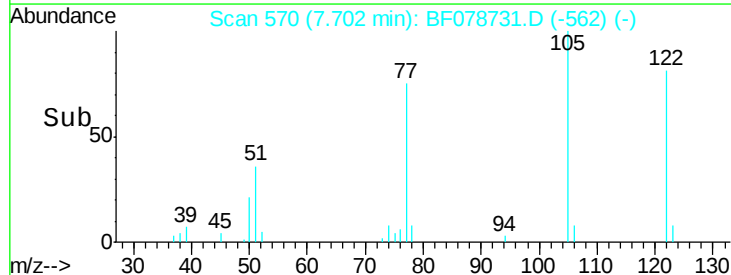
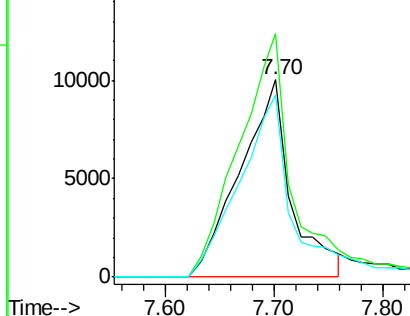


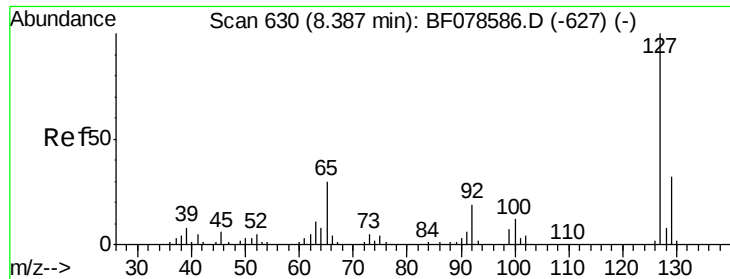
#32
Benzoic acid
Concen: 44.15 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion:122 Resp: 32911
Ion Ratio Lower Upper
122 100
105 123.5 96.1 136.1
77 92.1 64.1 104.1



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

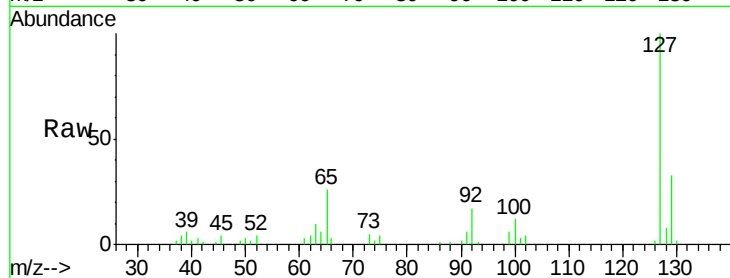




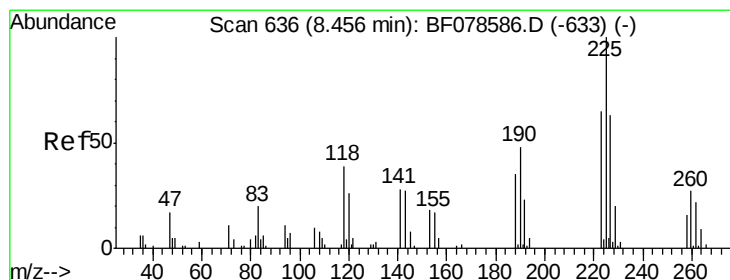
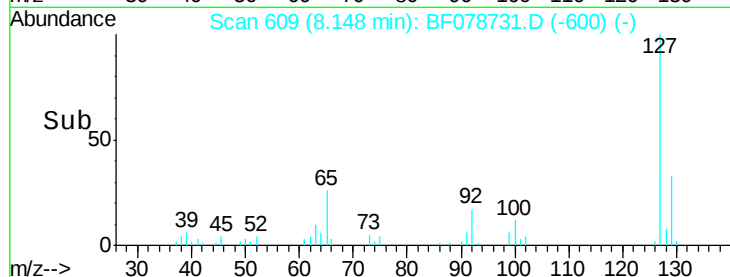
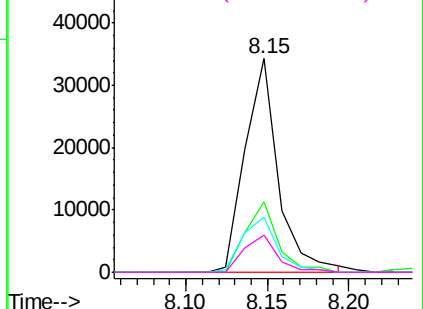
#33
4-Chloroaniline
Concen: 21.33 ng
RT: 8.15 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tgt Ion:	127	Resp:	48354
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.5	38.3
65	25.6	21.7	32.5
92	17.5	14.6	21.8

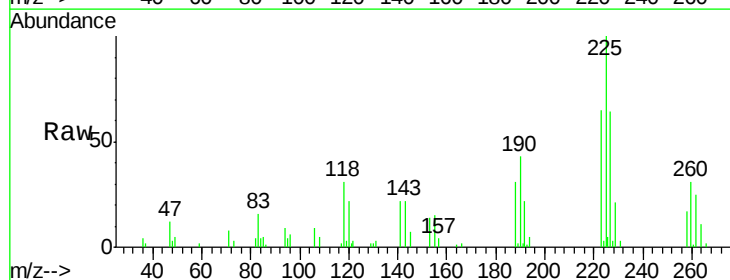


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

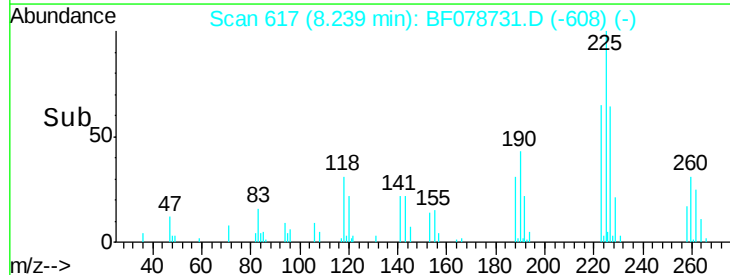
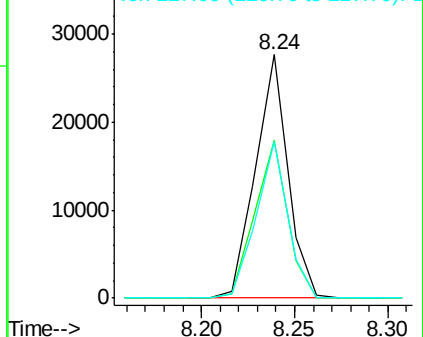


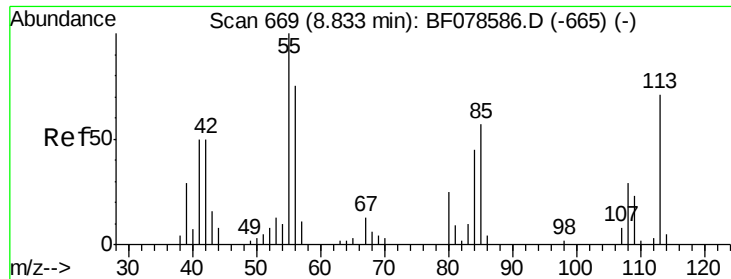
#34
Hexachlorobutadiene
Concen: 36.04 ng
RT: 8.24 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion:	225	Resp:	33114
Ion	Ratio	Lower	Upper
225	100		
223	64.7	47.5	71.3
227	64.5	50.2	75.2



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

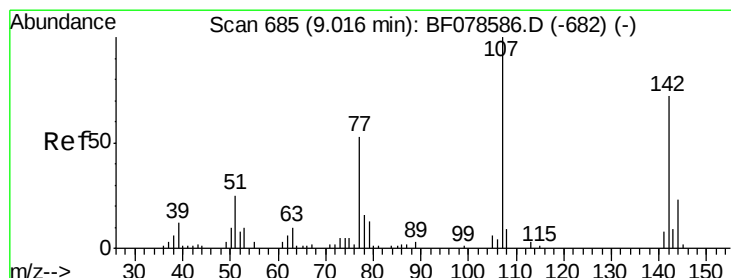
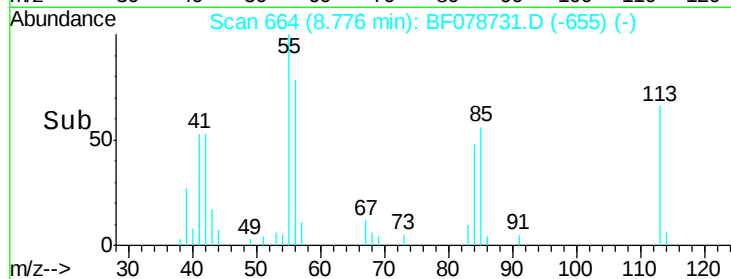
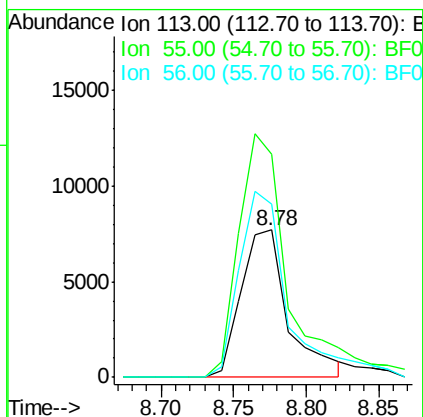
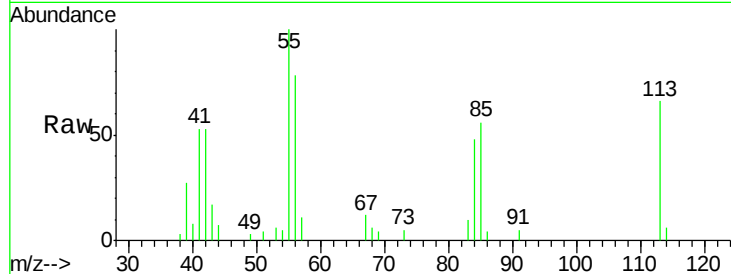




#35
 Caprolactam
 Concen: 39.98 ng
 RT: 8.78 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

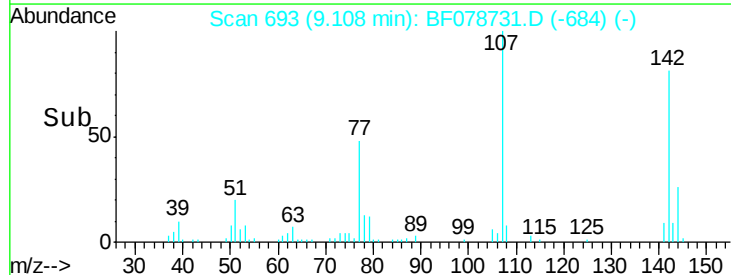
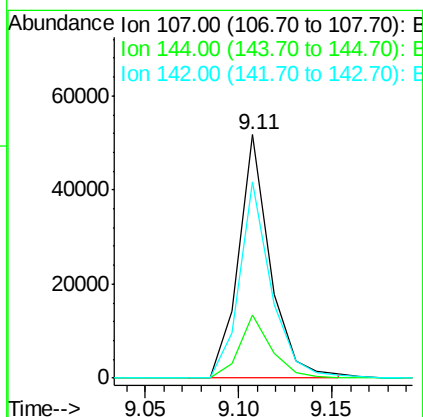
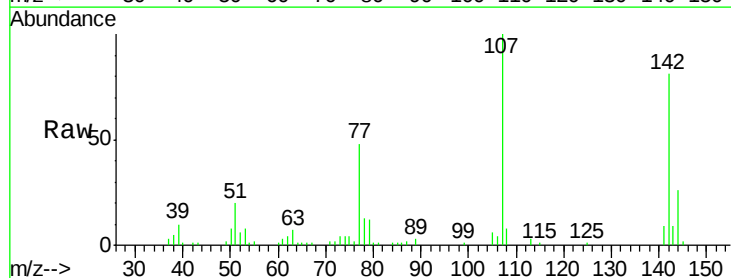
Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

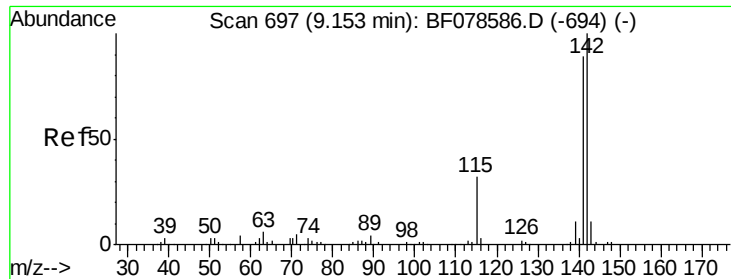
Tgt Ion:113 Resp: 17420
 Ion Ratio Lower Upper
 113 100
 55 152.0 151.9 191.9
 56 118.1 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.82 ng
 RT: 9.11 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:107 Resp: 61582
 Ion Ratio Lower Upper
 107 100
 144 26.0 18.2 27.2
 142 80.8 58.0 87.0

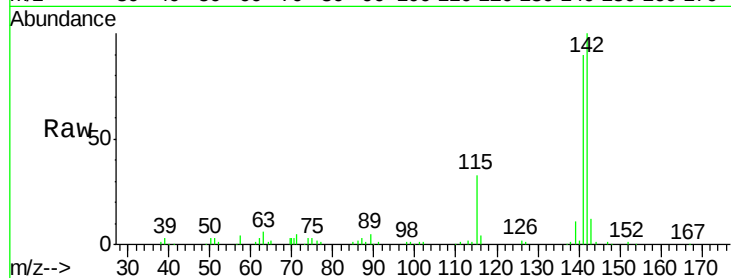




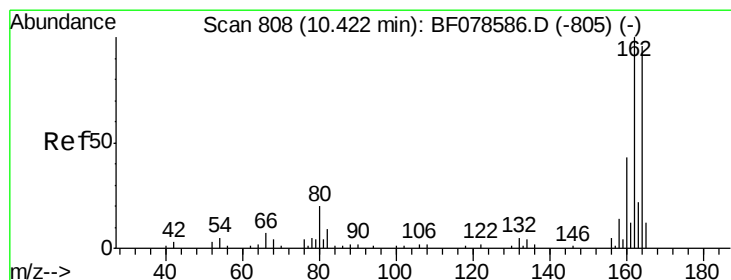
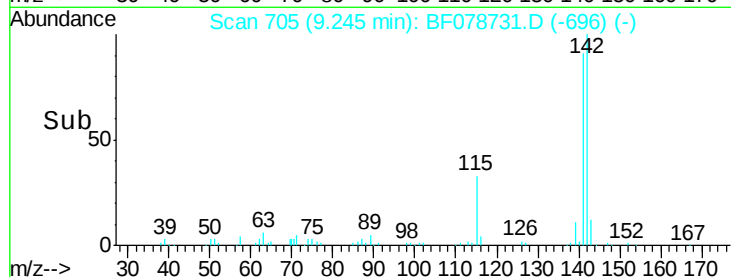
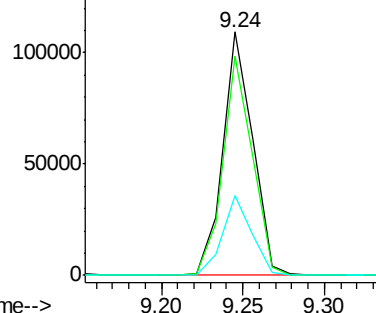
#37
 2-Methylnaphthalene
 Concen: 37.33 ng
 RT: 9.24 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:142 Resp: 138461
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.3 105.5
 115 32.6 24.6 37.0

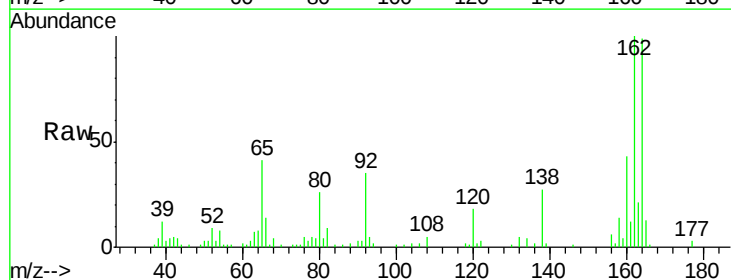


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

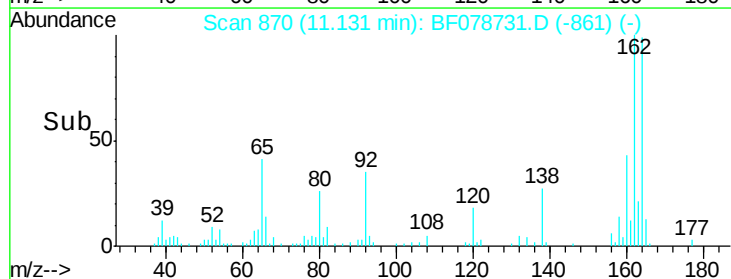
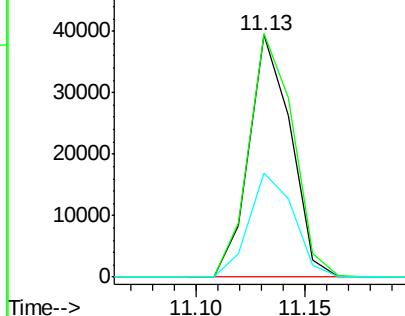


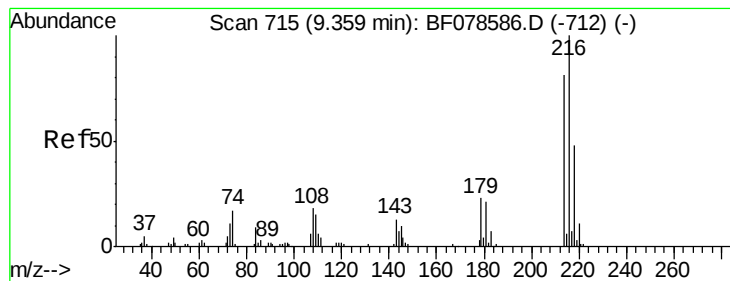
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:164 Resp: 52741
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.2 123.2
 160 43.1 34.7 52.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.63 ng

RT: 9.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

Tgt Ion:216 Resp: 59853

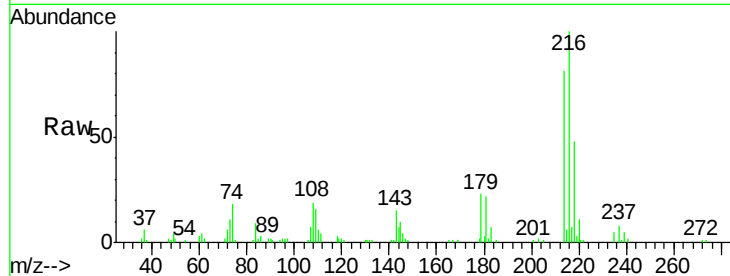
Ion Ratio Lower Upper

216 100

214 79.5 62.0 93.0

179 21.8 17.3 25.9

108 19.5 14.6 21.8

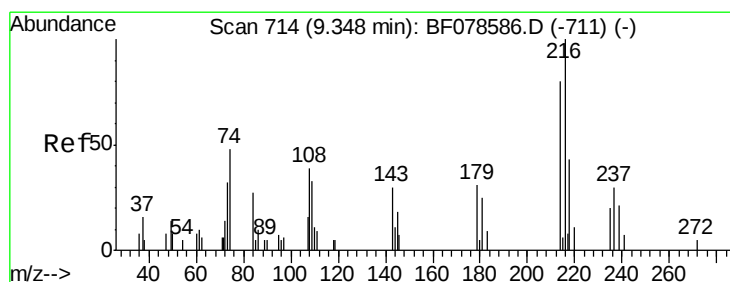
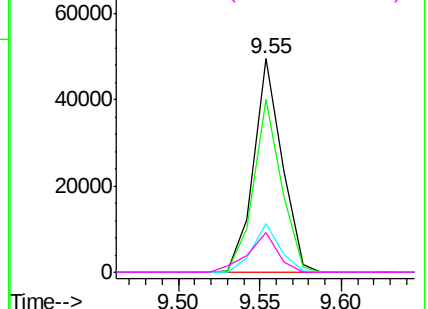
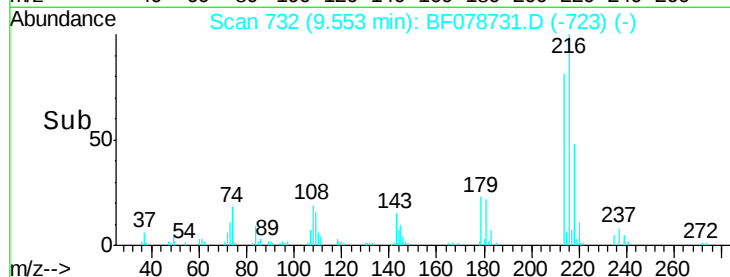


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.73 ng

RT: 9.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

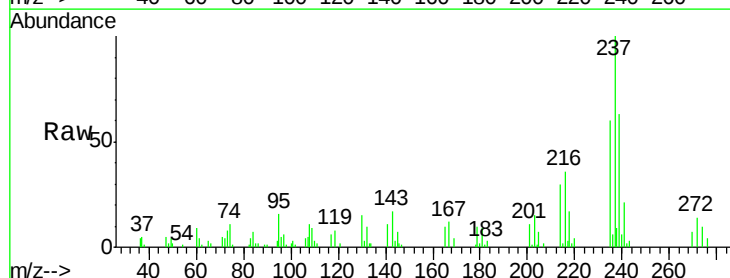
Tgt Ion:237 Resp: 44539

Ion Ratio Lower Upper

237 100

235 59.9 44.1 84.1

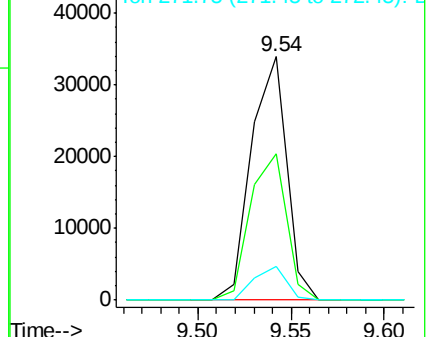
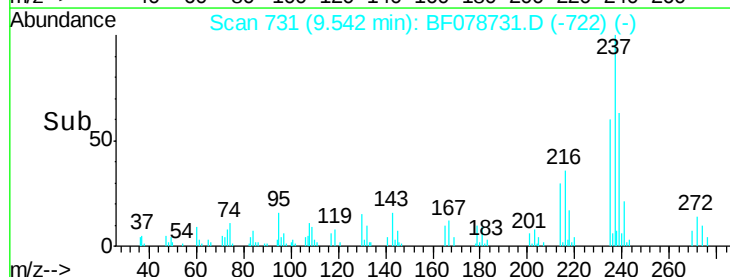
272 13.7 0.0 34.4

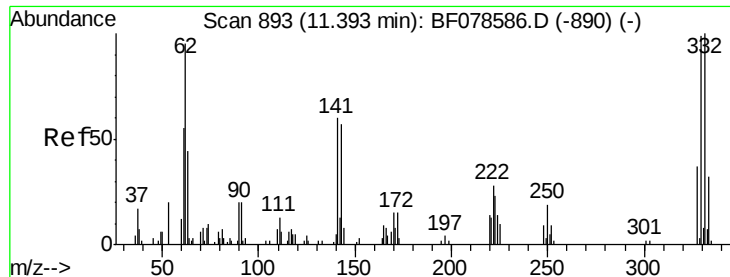


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

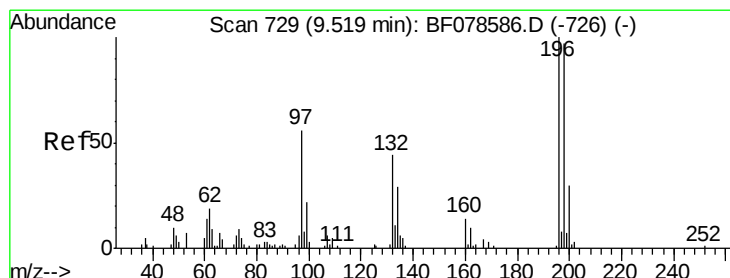
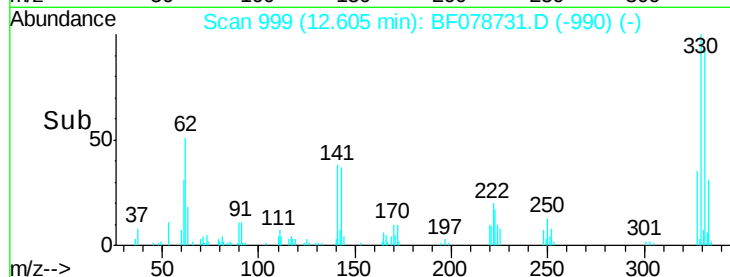
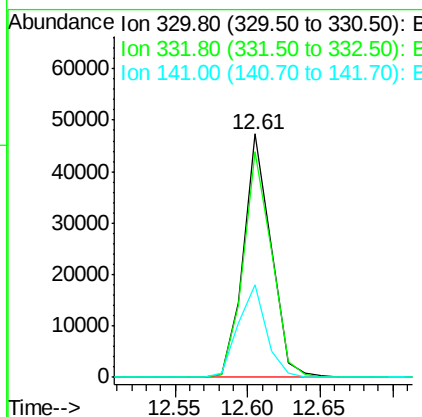
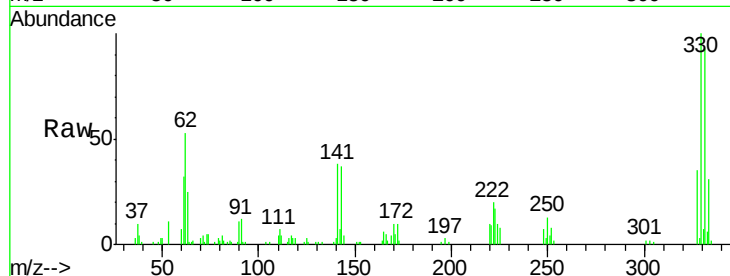




#41
 2,4,6-Tribromophenol
 Concen: 143.22 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

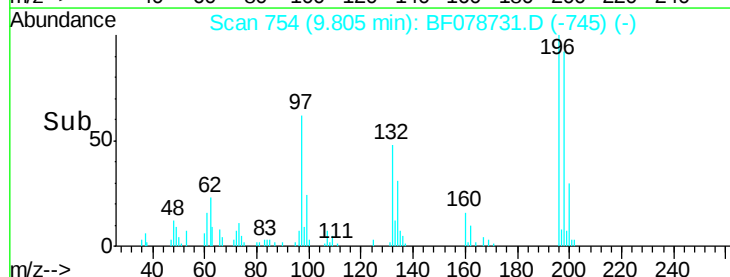
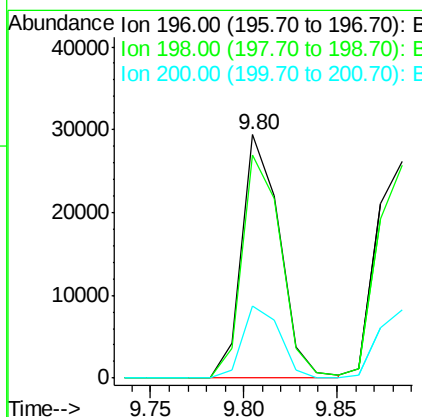
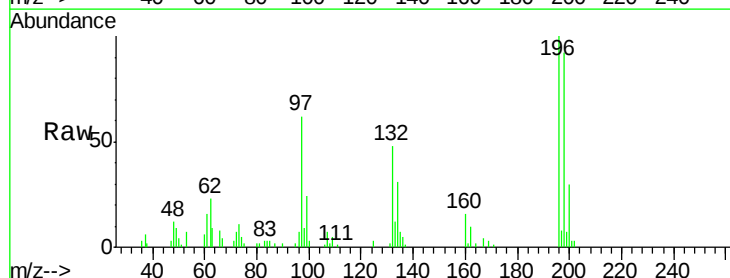
Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:330 Resp: 62647
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.6 117.8
 141 38.5 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.21 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:196 Resp: 41437
 Ion Ratio Lower Upper
 196 100
 198 91.9 75.4 113.2
 200 29.7 24.0 36.0

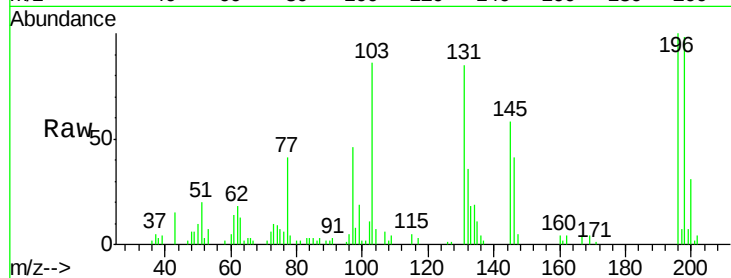




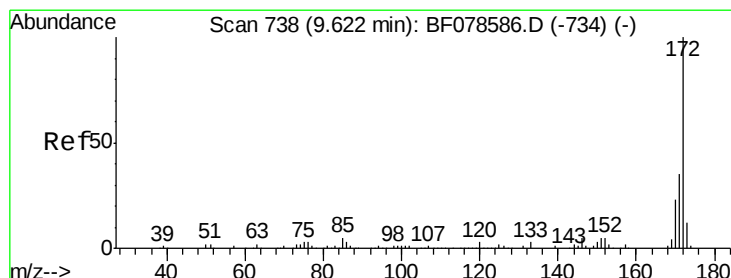
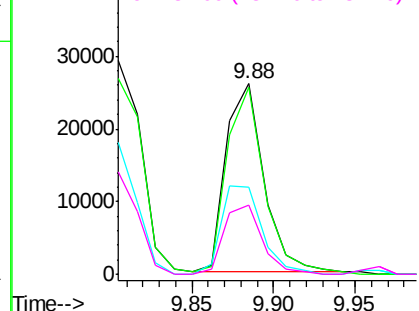
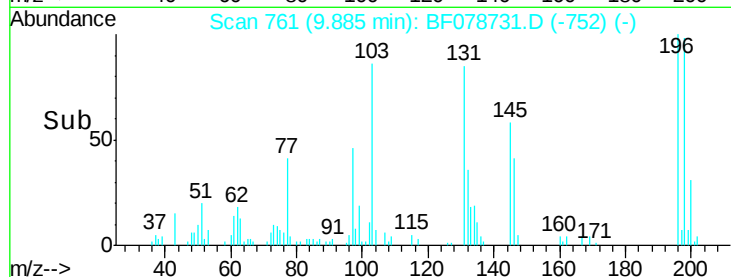
#43
 2,4,5-Trichlorophenol
 Concen: 38.19 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:196 Resp: 41123
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.6 115.0
 97 45.7 50.6 75.8#
 132 36.0 27.7 41.5

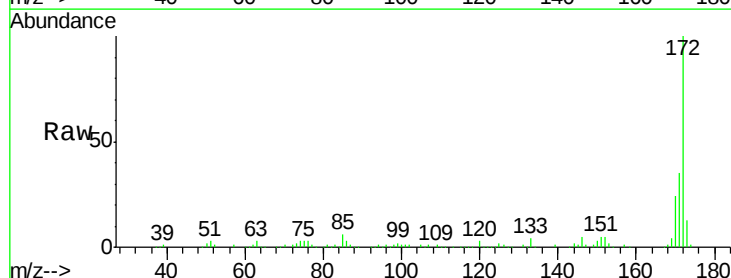


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

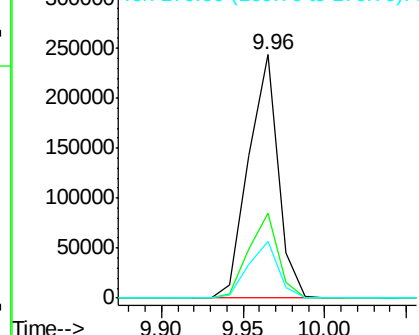
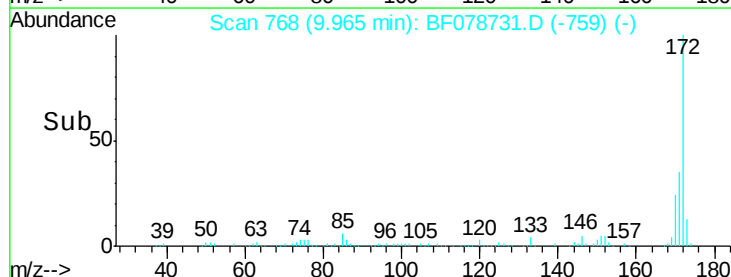


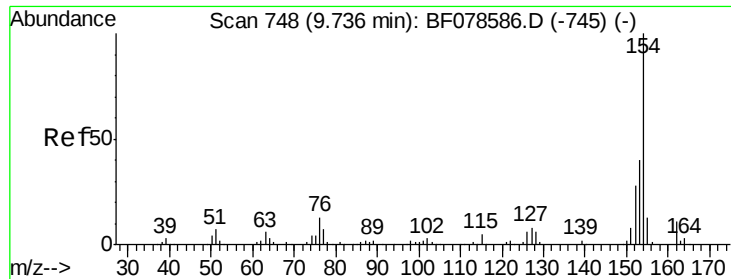
#44
 2-Fluorobiphenyl
 Concen: 82.82 ng
 RT: 9.96 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:172 Resp: 305594
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.5 18.5 27.7



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

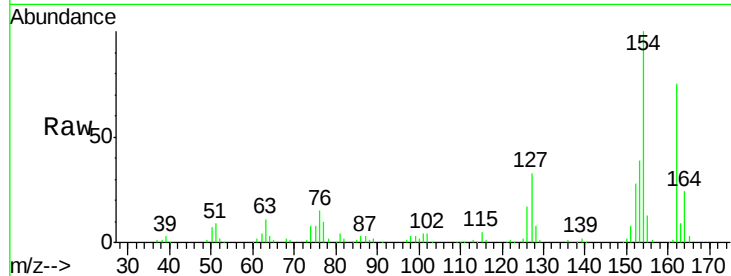




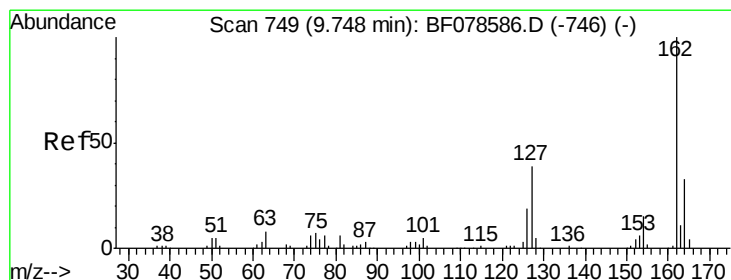
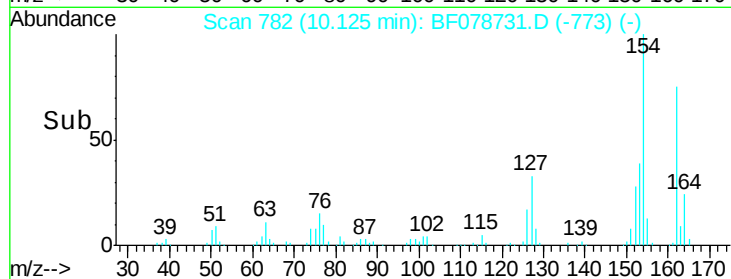
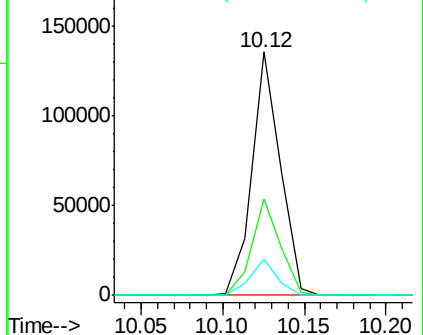
#45
 1,1'-Biphenyl
 Concen: 38.24 ng
 RT: 10.12 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:154 Resp: 164978
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.0 60.0
 76 14.9 0.0 30.6

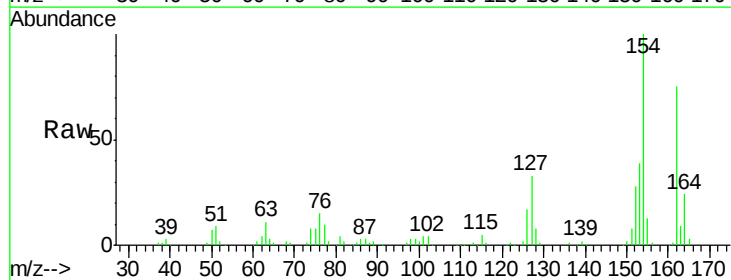


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

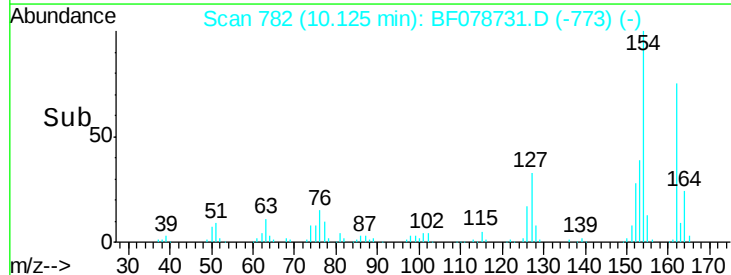
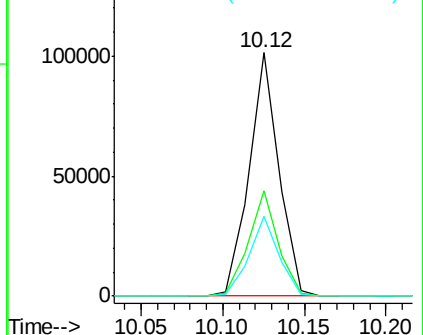


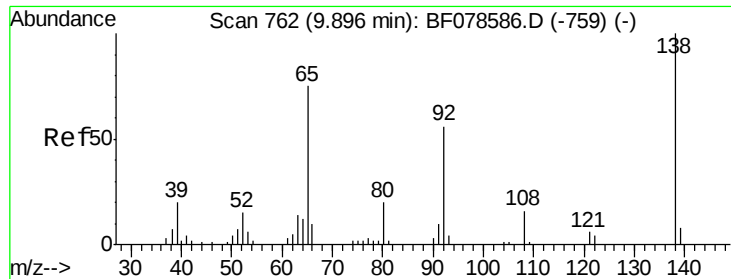
#46
 2-Chloronaphthalene
 Concen: 37.78 ng
 RT: 10.12 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:162 Resp: 128225
 Ion Ratio Lower Upper
 162 100
 127 43.5 32.6 49.0
 164 32.6 26.0 39.0



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

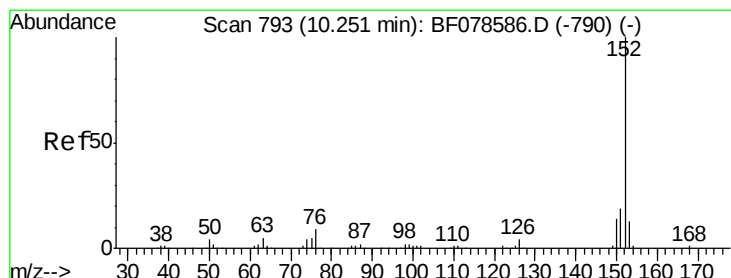
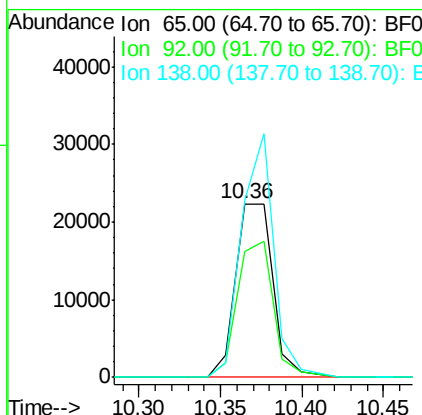
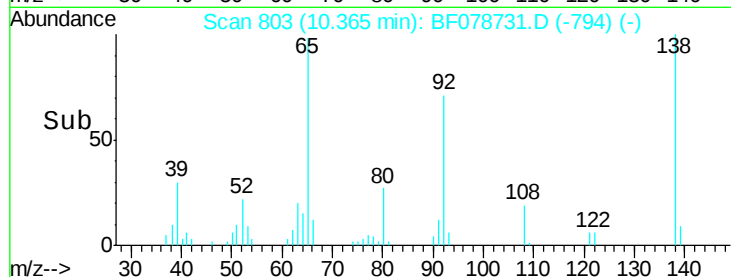
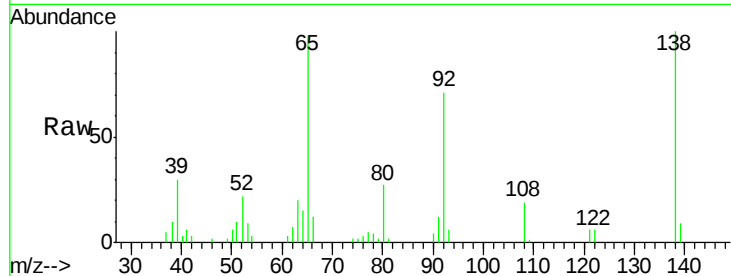




#47
 2-Nitroaniline
 Concen: 42.14 ng
 RT: 10.36 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

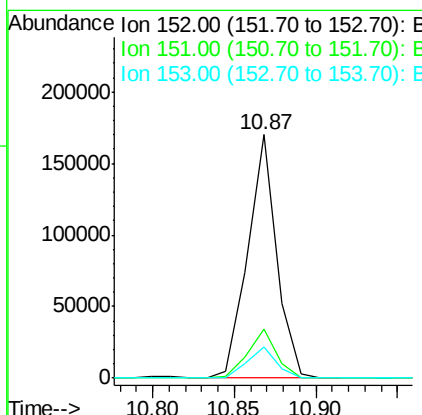
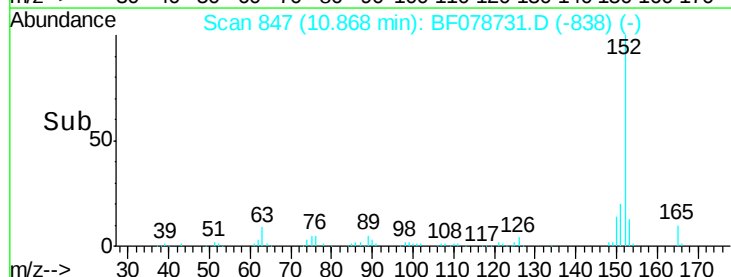
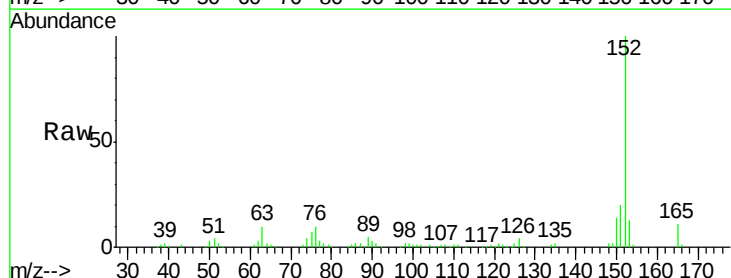
Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

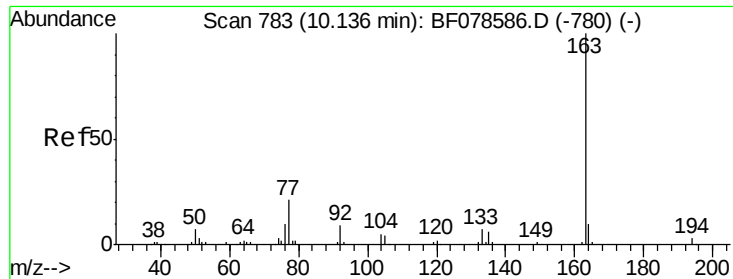
Tgt Ion: 65 Resp: 35392
 Ion Ratio Lower Upper
 65 100
 92 72.7 51.3 76.9
 138 101.9 70.4 105.6



#48
 Acenaphthylene
 Concen: 38.04 ng
 RT: 10.87 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion: 152 Resp: 208528
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.7 23.5
 153 12.6 10.2 15.2

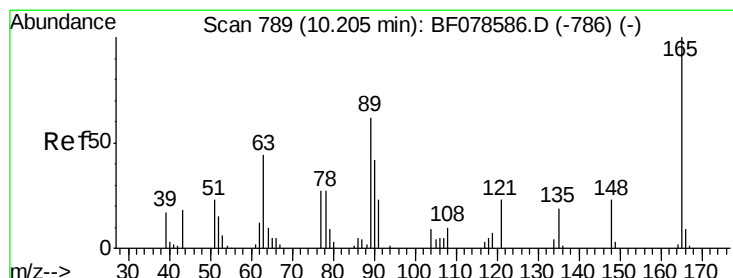
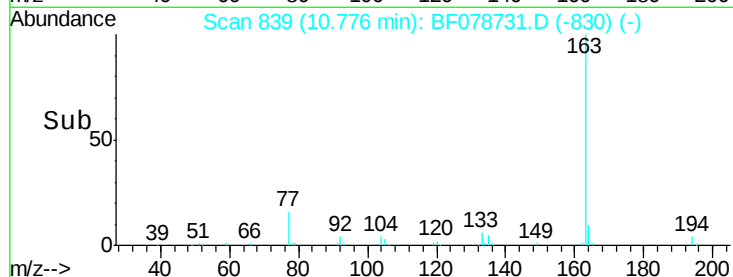
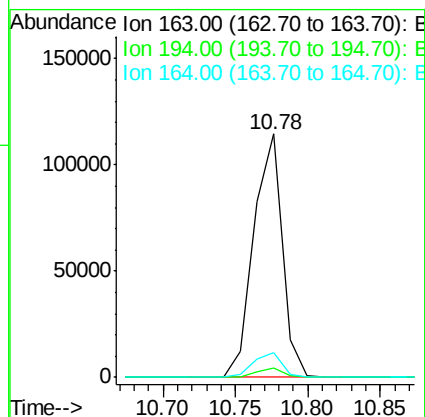
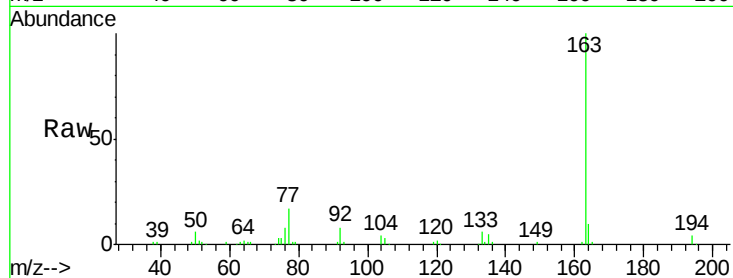




#49
Dimethylphthalate
Concen: 39.51 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

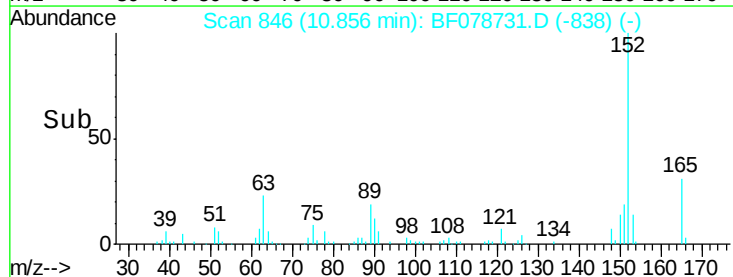
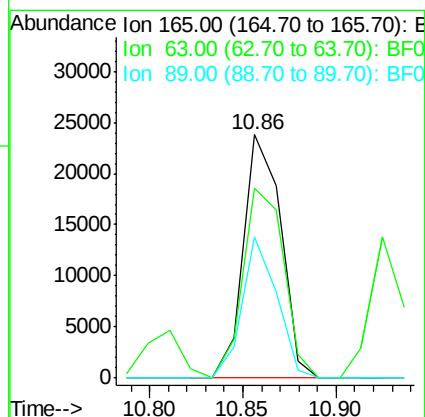
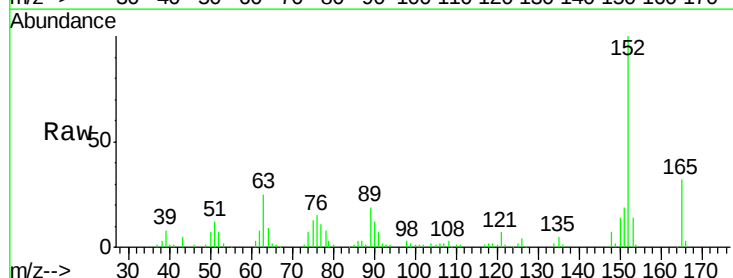
Instrument :
BNA_F
ClientSampleId :
PB82930BS

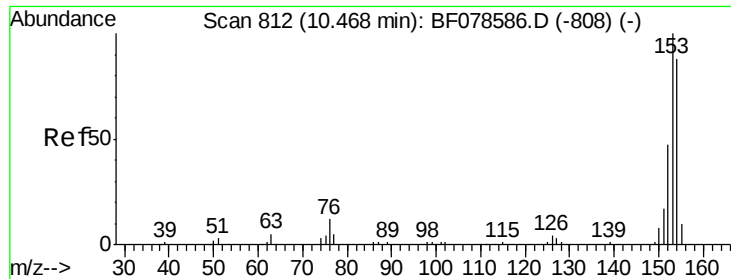
Tgt Ion:163 Resp: 156544
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 9.9 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 40.59 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion:165 Resp: 33086
Ion Ratio Lower Upper
165 100
63 78.0 24.1 36.1#
89 57.8 28.9 43.3#

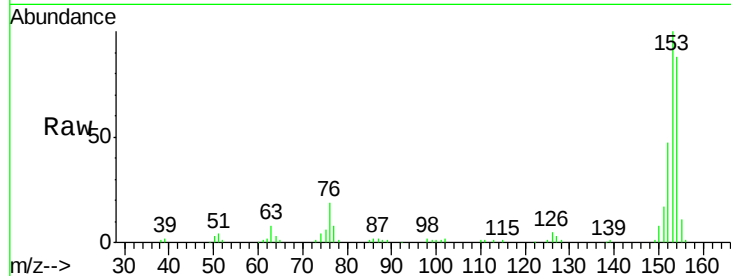




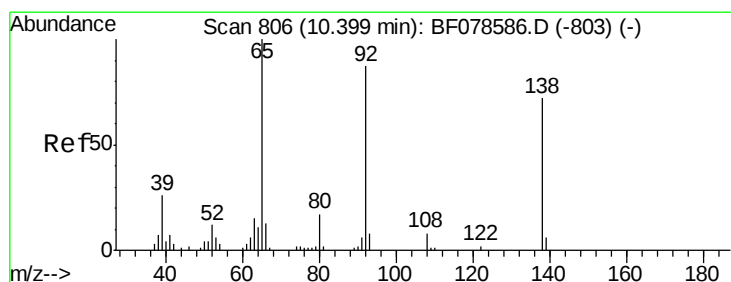
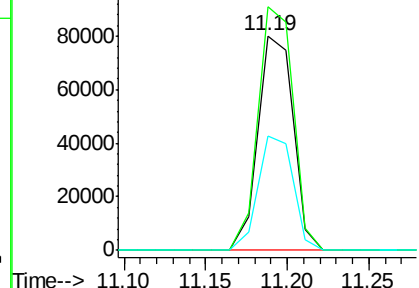
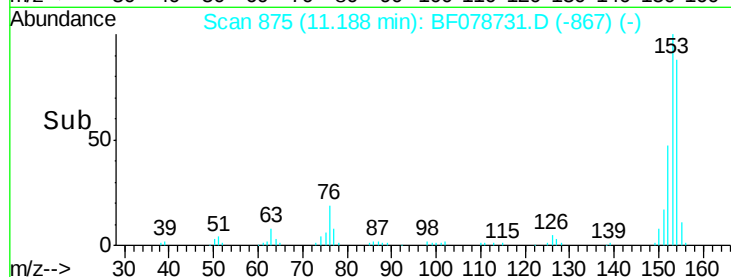
#51
Acenaphthene
Concen: 39.07 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tgt Ion:154 Resp: 120562
Ion Ratio Lower Upper
154 100
153 113.4 91.4 137.2
152 53.0 43.0 64.6

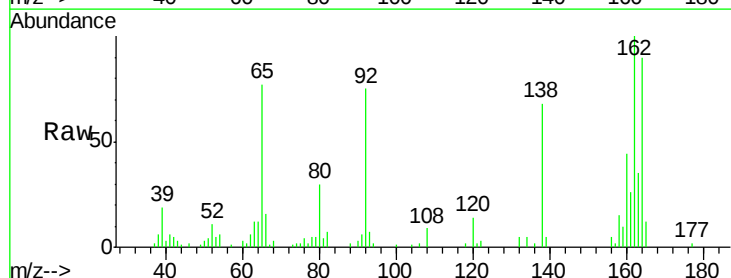


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

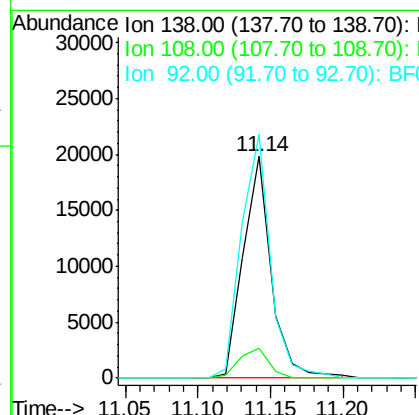
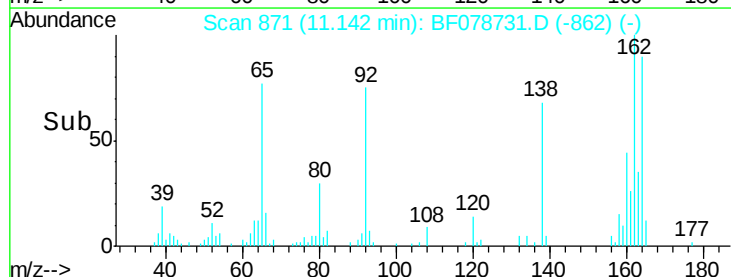


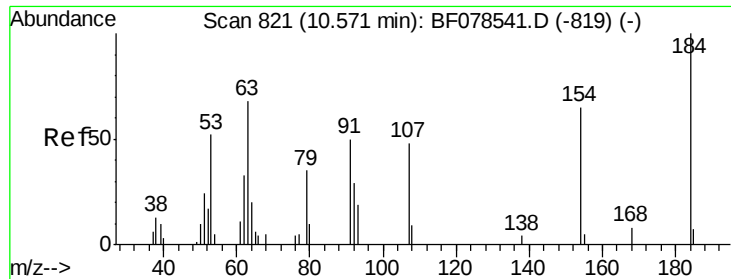
#52
3-Nitroaniline
Concen: 28.95 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion:138 Resp: 26832
Ion Ratio Lower Upper
138 100
108 13.2 8.2 12.4#
92 109.8 88.4 132.6



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

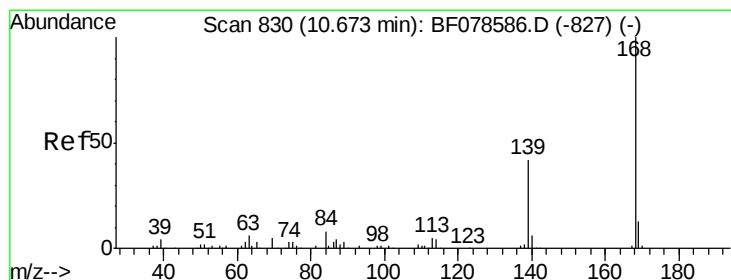
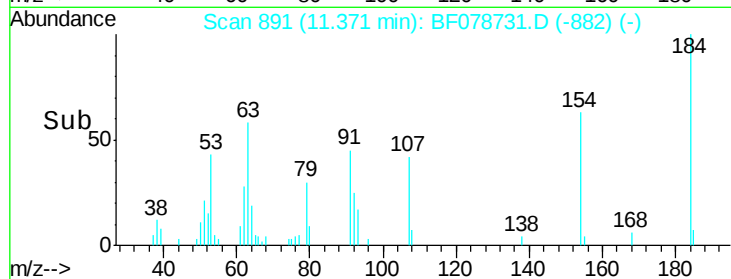
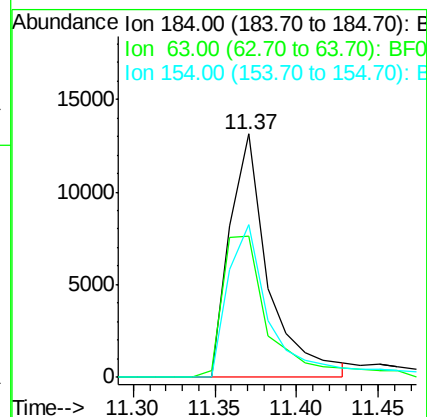
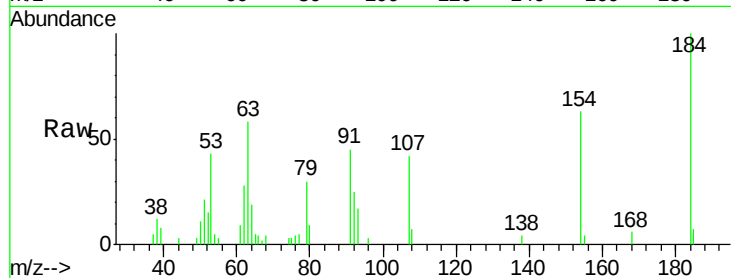




#53
 2,4-Dinitrophenol
 Concen: 71.93 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

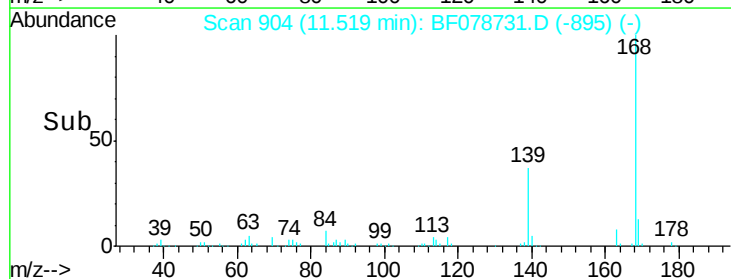
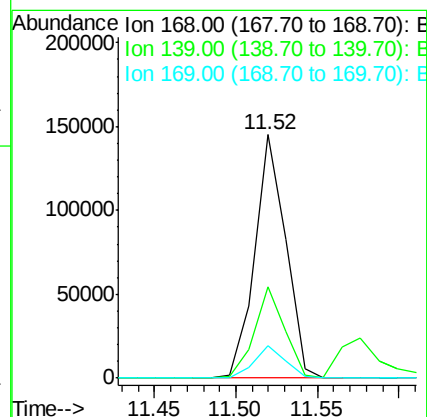
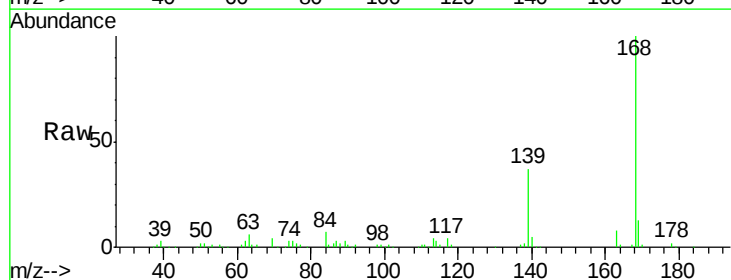
Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

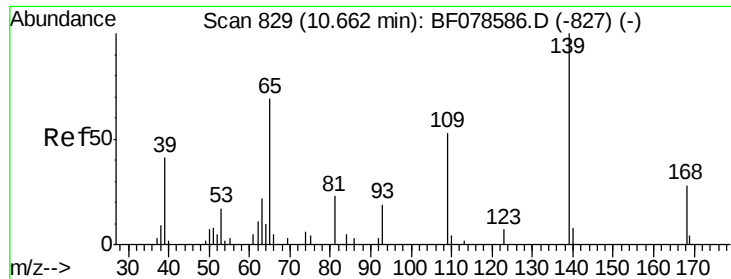
Tgt Ion:184 Resp: 21640
 Ion Ratio Lower Upper
 184 100
 63 57.9 51.9 77.9
 154 62.6 51.0 76.4



#54
 Dibenzofuran
 Concen: 40.56 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:168 Resp: 191177
 Ion Ratio Lower Upper
 168 100
 139 37.3 31.0 46.4
 169 13.5 10.7 16.1

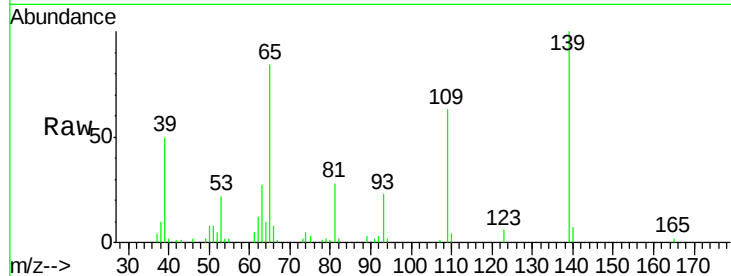




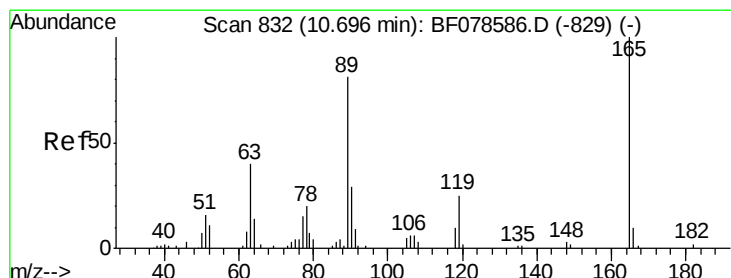
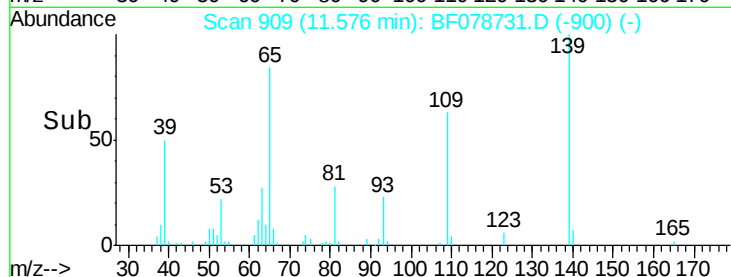
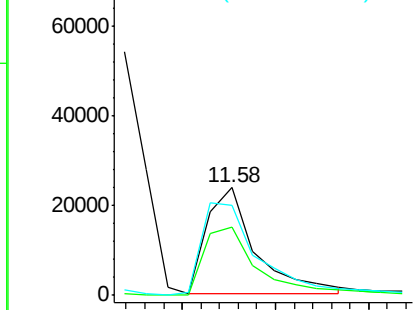
#55
 4-Nitrophenol
 Concen: 64.24 ng
 RT: 11.58 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:139 Resp: 43463
 Ion Ratio Lower Upper
 139 100
 109 63.0 36.7 76.7
 65 83.9 49.9 89.9

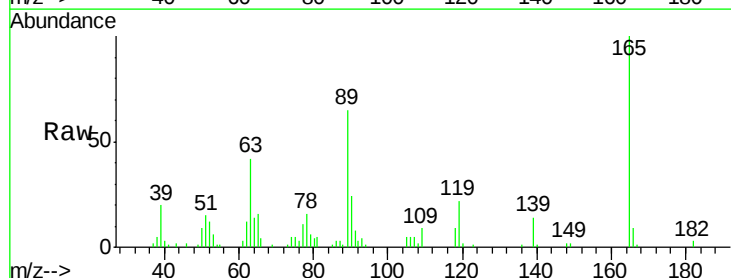


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

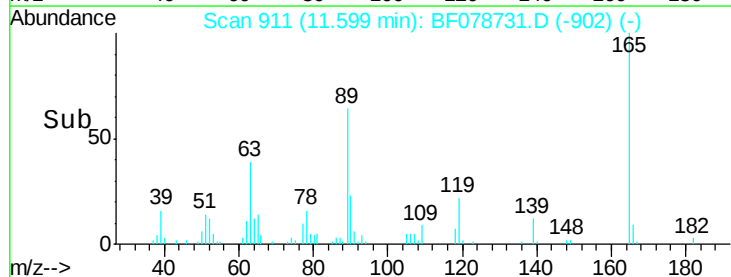
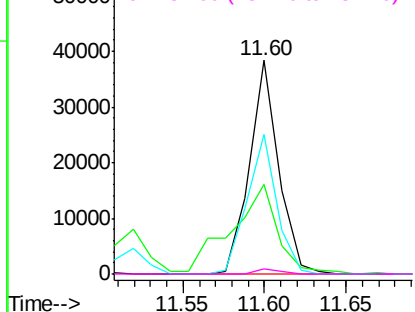


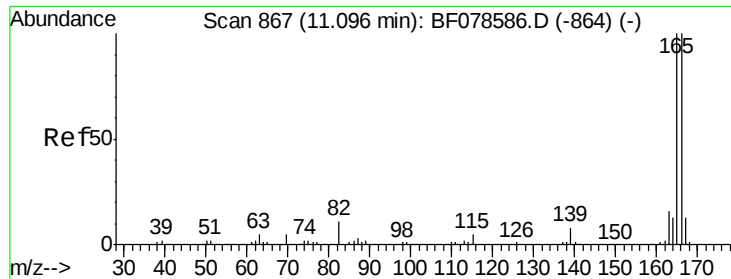
#56
 2,4-Dinitrotoluene
 Concen: 44.98 ng
 RT: 11.60 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:165 Resp: 47496
 Ion Ratio Lower Upper
 165 100
 63 42.2 26.5 39.7#
 89 65.1 46.4 69.6
 182 2.6 2.0 3.0



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

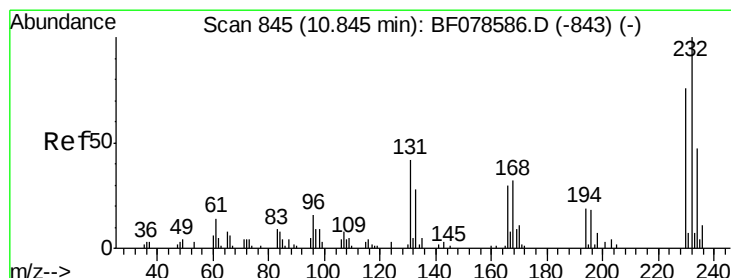
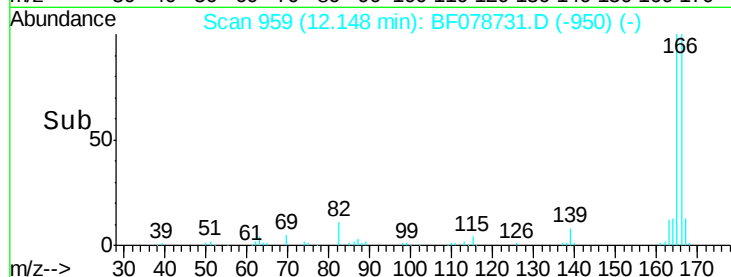
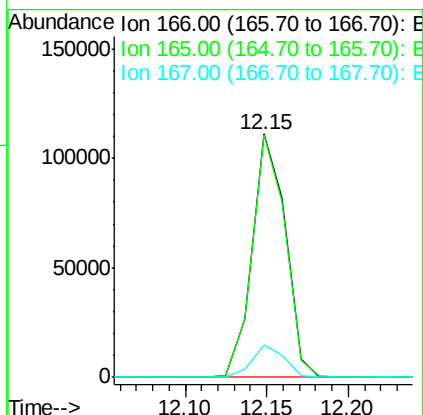
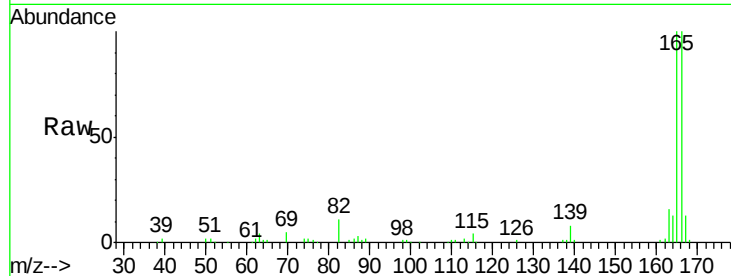




#57
Fluorene
 Concen: 41.04 ng
 RT: 12.15 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

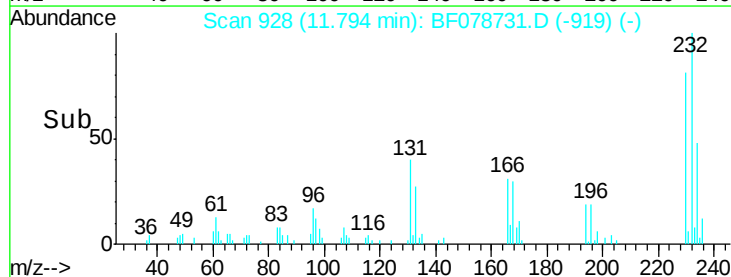
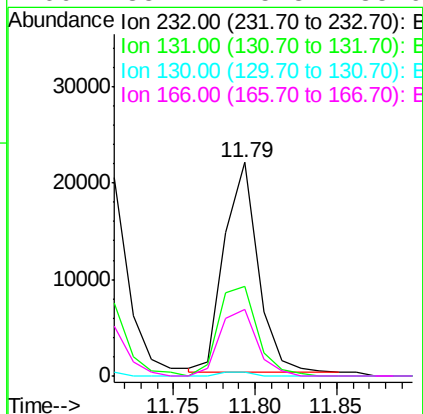
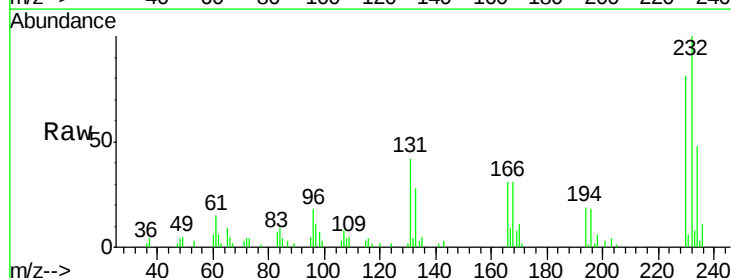
Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

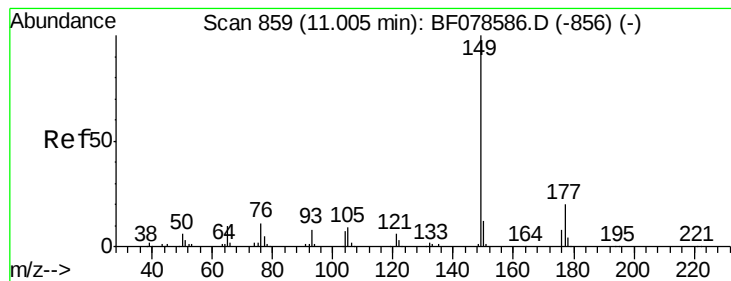
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.9	118.3
167	13.1	10.7	16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.80 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.6	37.8	56.8
130	1.9	1.5	2.3
166	35.2	25.8	38.6





#59

Diethylphthalate

Concen: 40.63 ng

RT: 12.09 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

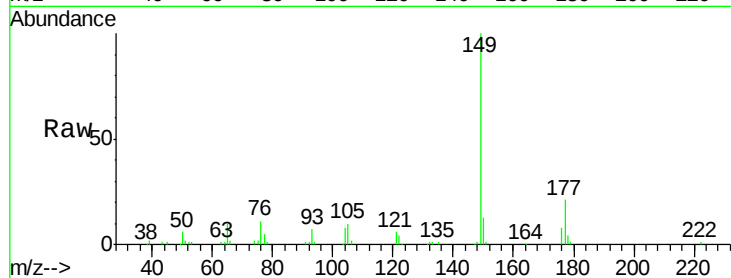
Tgt Ion:149 Resp: 155231

Ion Ratio Lower Upper

149 100

177 21.1 17.4 26.2

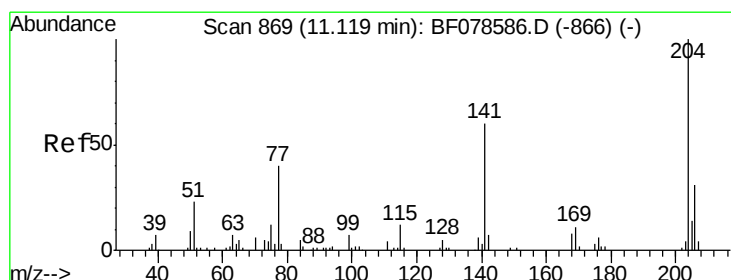
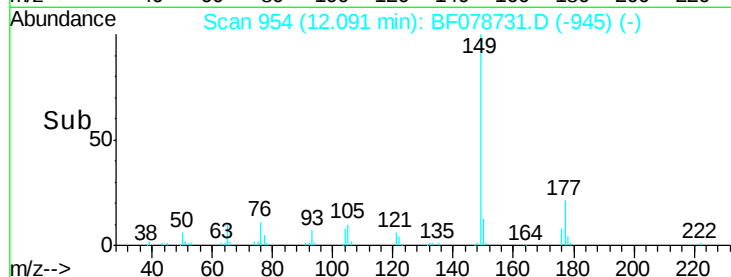
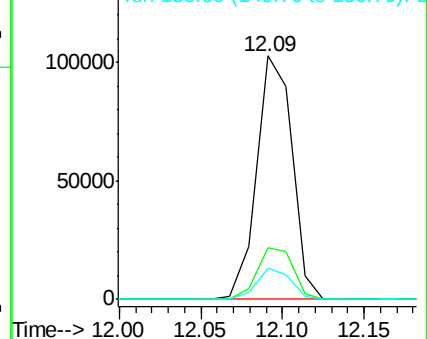
150 12.9 9.4 14.2



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: 40.54 ng

RT: 12.22 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

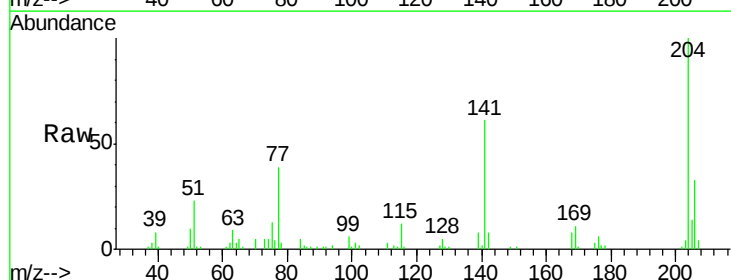
Tgt Ion:204 Resp: 71247

Ion Ratio Lower Upper

204 100

206 32.7 25.6 38.4

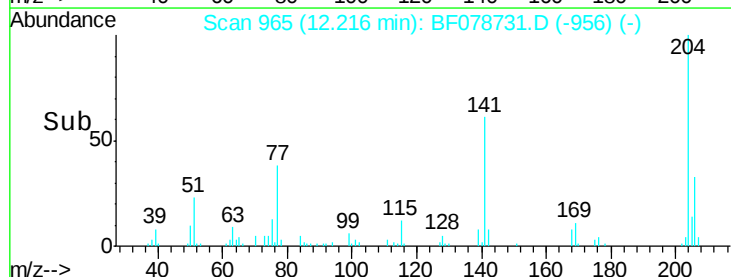
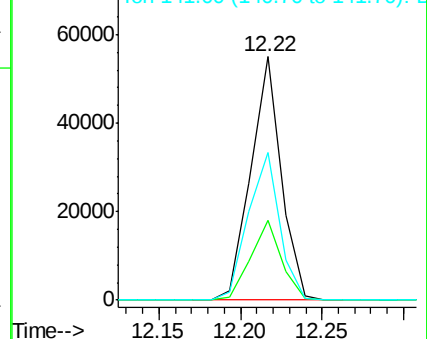
141 60.7 35.4 53.0#

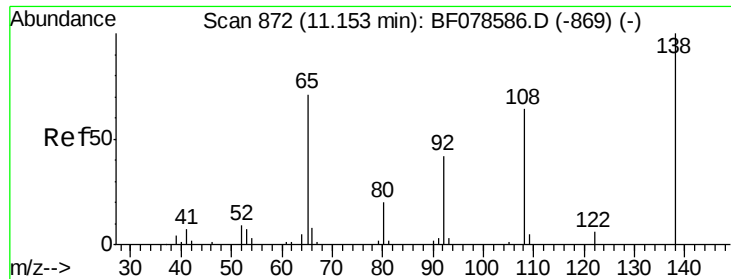


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

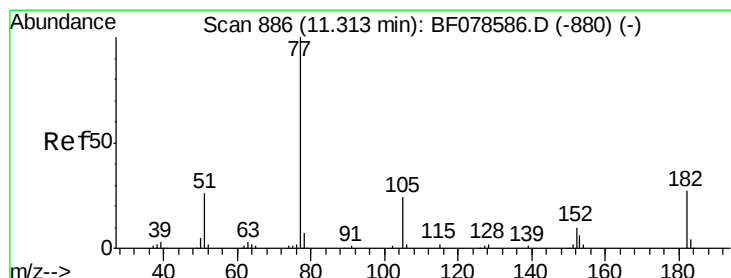
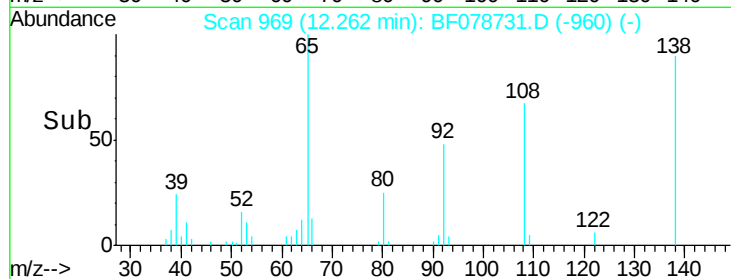
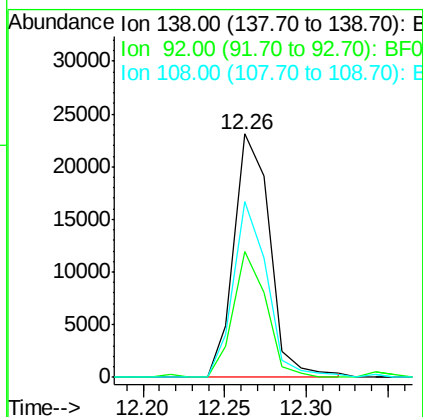
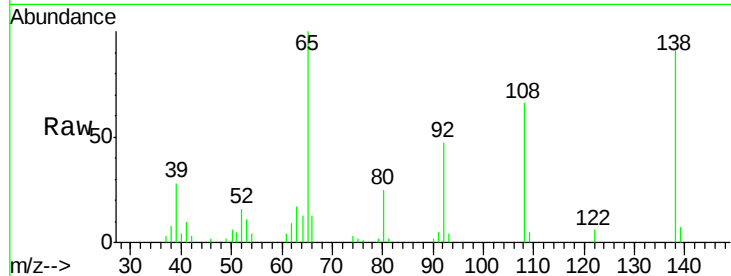




#61
4-Nitroaniline
Concen: 37.52 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

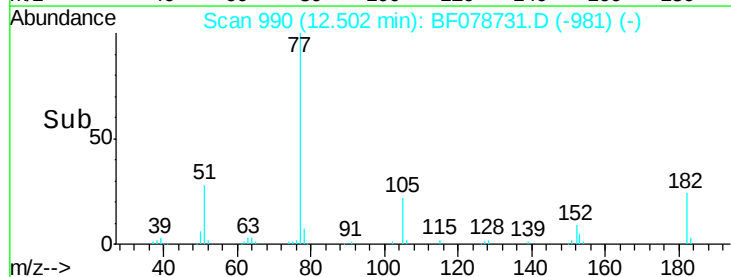
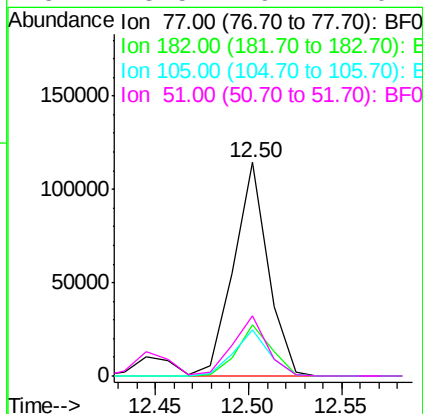
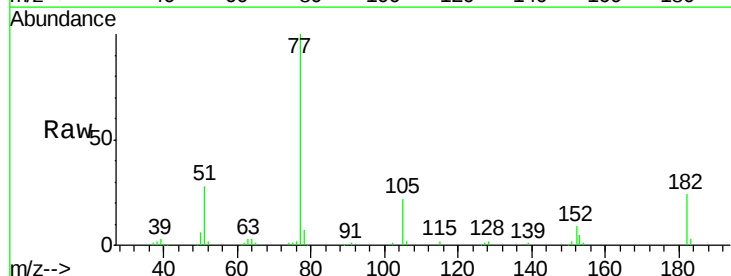
Instrument :
BNA_F
ClientSampleId :
PB82930BS

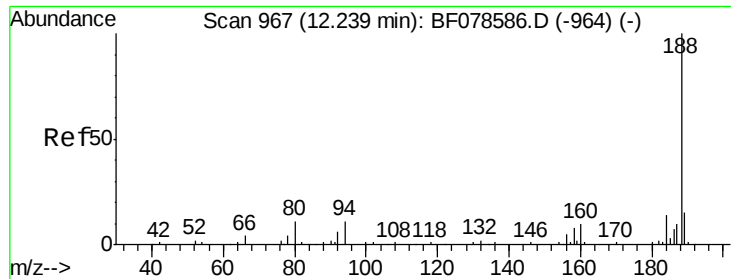
Tgt Ion:138 Resp: 35156
Ion Ratio Lower Upper
138 100
92 51.7 27.3 67.3
108 72.1 47.2 87.2



#62
Azobenzene
Concen: 42.09 ng
RT: 12.50 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion: 77 Resp: 146757
Ion Ratio Lower Upper
77 100
182 23.7 0.0 36.8
105 21.8 0.3 40.3
51 28.5 9.1 49.1

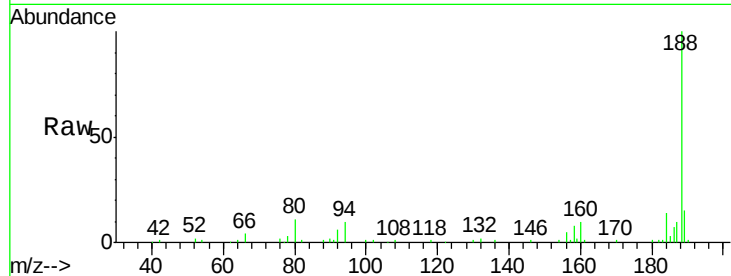




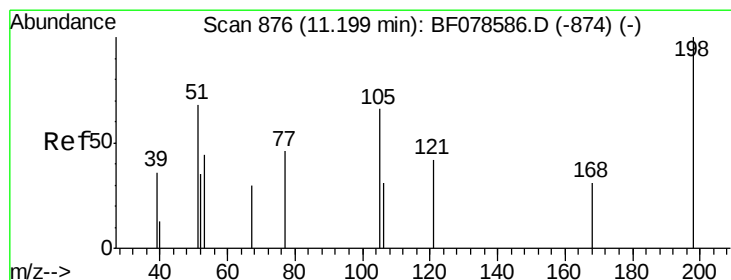
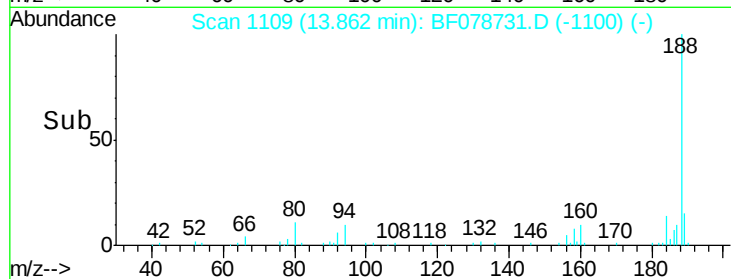
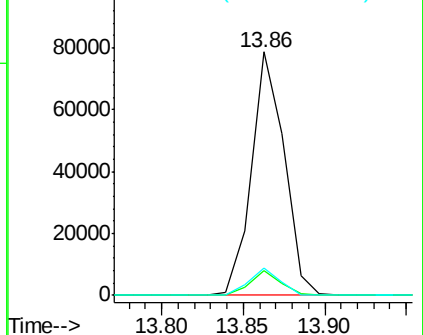
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:188 Resp: 109175
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.0 13.4
 80 11.2 9.5 14.3

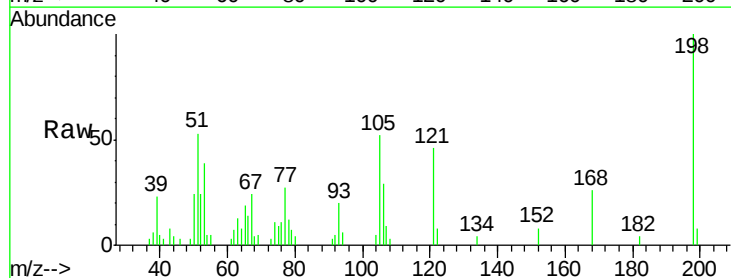


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

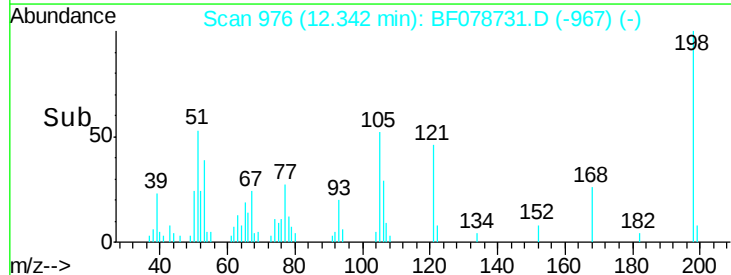
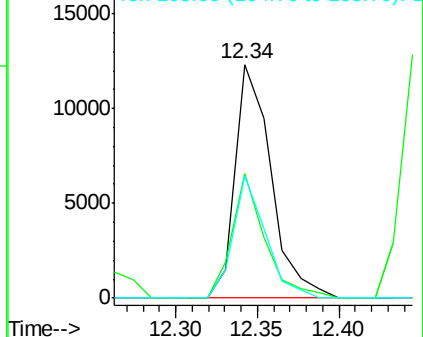


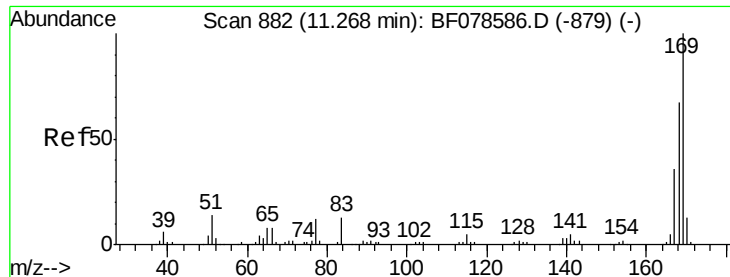
#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.99 ng
 RT: 12.34 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:198 Resp: 18754
 Ion Ratio Lower Upper
 198 100
 51 53.3 48.6 88.6
 105 52.2 45.8 85.8



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

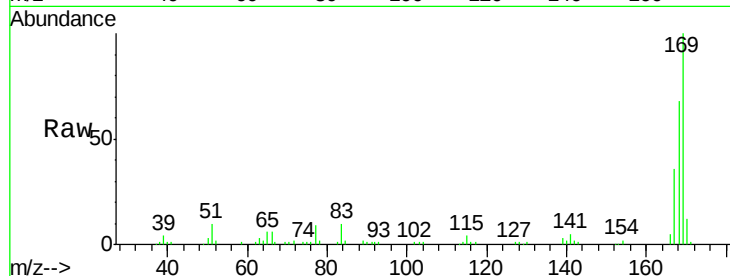




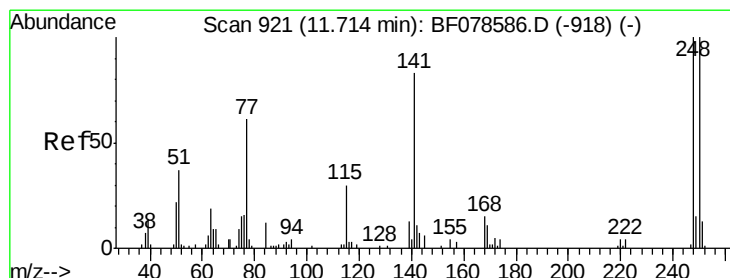
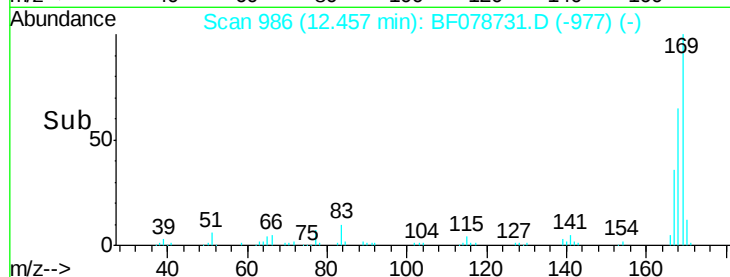
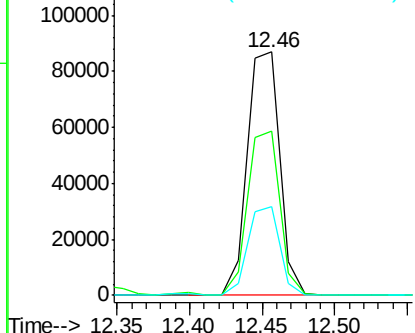
#65
 n-Nitrosodiphenylamine
 Concen: 35.79 ng
 RT: 12.46 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

Tgt Ion:169 Resp: 135168
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.0 82.4
 167 36.4 29.3 43.9

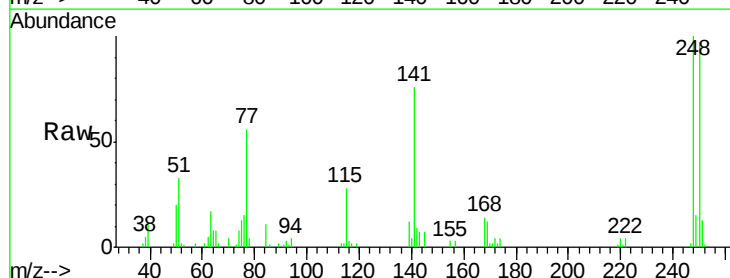


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

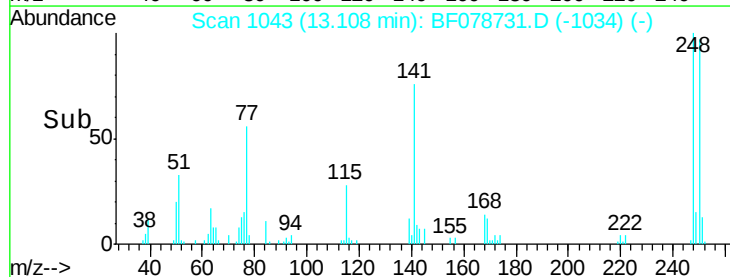
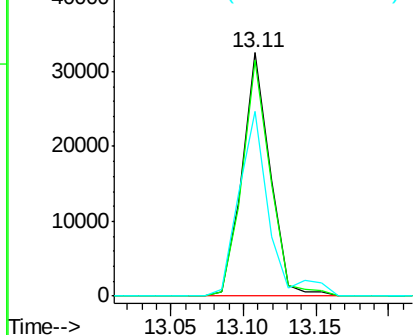


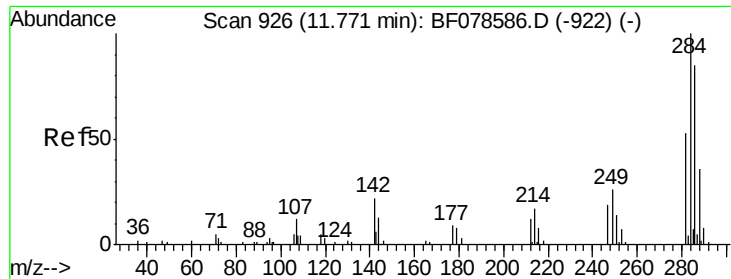
#66
 4-Bromophenyl-phenylether
 Concen: 37.74 ng
 RT: 13.11 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion:248 Resp: 43636
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.2 117.2
 141 75.8 66.4 99.6



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

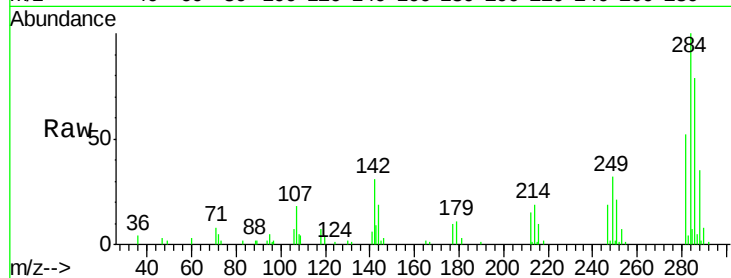




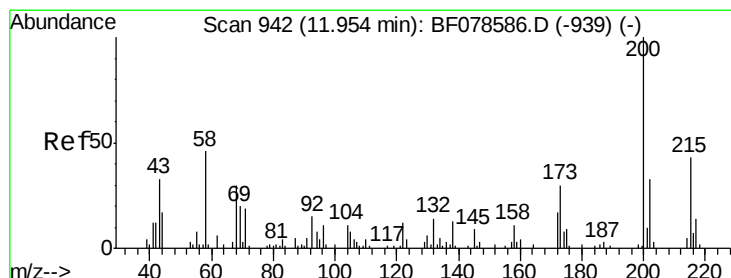
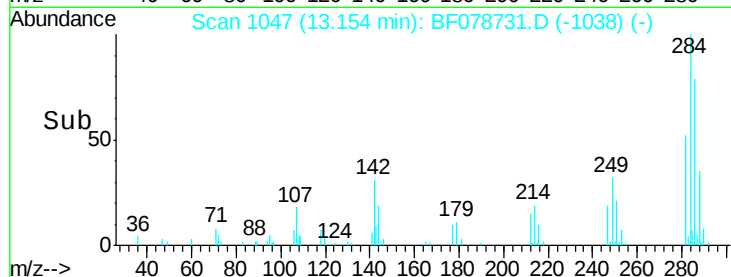
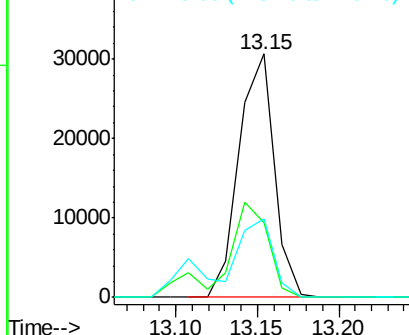
#67
Hexachlorobenzene
Concen: 36.09 ng
RT: 13.15 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tgt Ion: 284 Resp: 45722
Ion Ratio Lower Upper
284 100
142 30.7 24.5 36.7
249 32.4 24.8 37.2

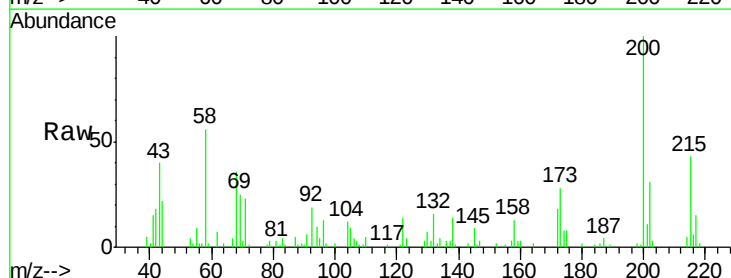


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

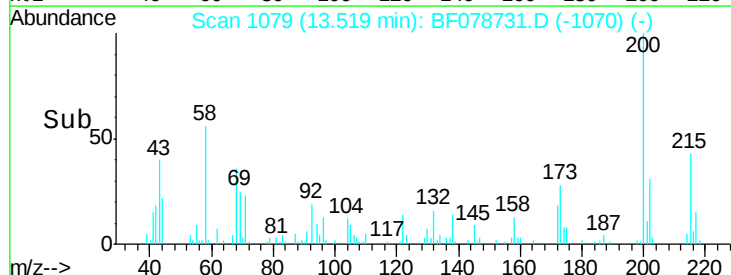
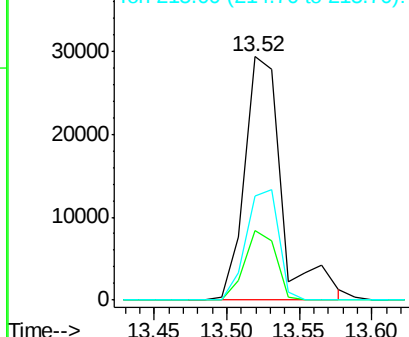


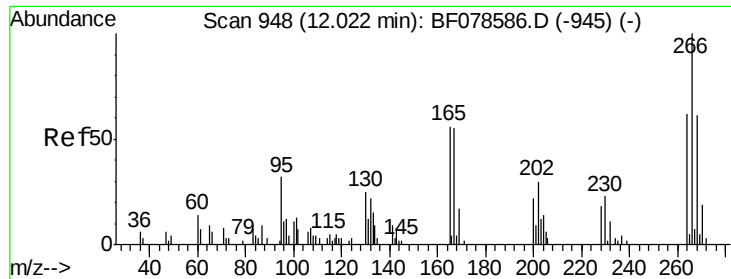
#68
Atrazine
Concen: 47.85 ng
RT: 13.52 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion: 200 Resp: 52338
Ion Ratio Lower Upper
200 100
173 28.3 6.9 46.9
215 42.9 27.1 67.1



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

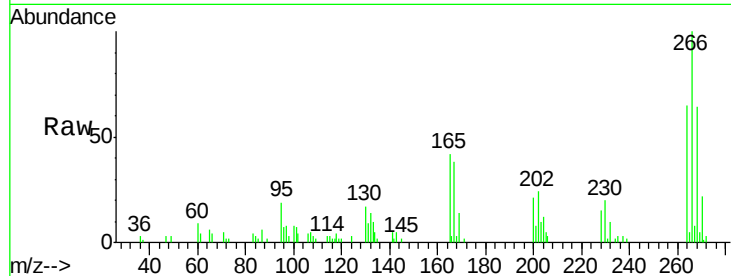




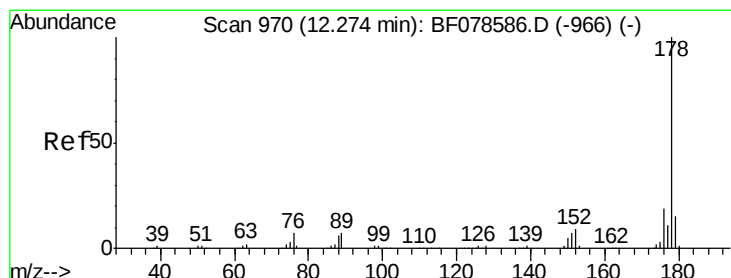
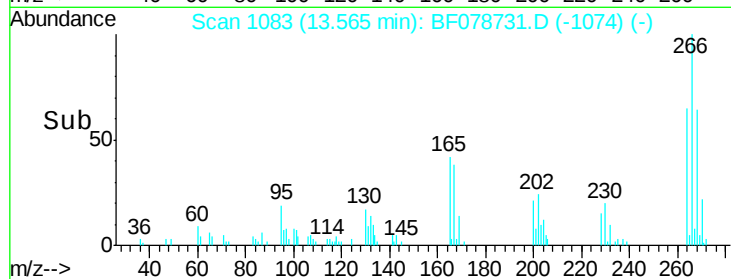
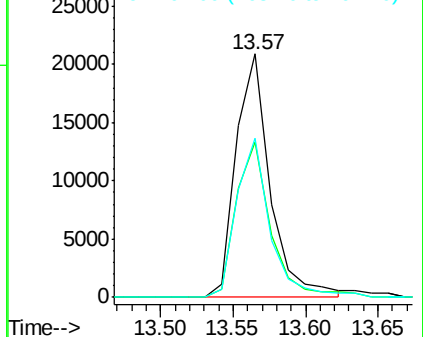
#69
 Pentachlorophenol
 Concen: 62.80 ng
 RT: 13.57 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Instrument :
 BNA_F
 ClientSampled :
 PB82930BS

Tgt Ion: 266 Resp: 34249
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.1 75.1
 264 65.2 50.0 75.0

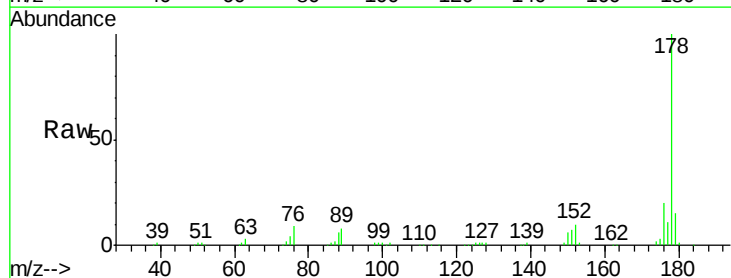


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

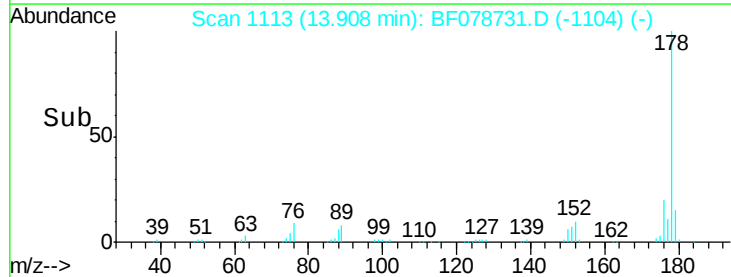
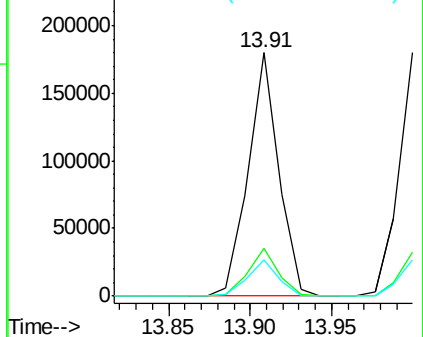


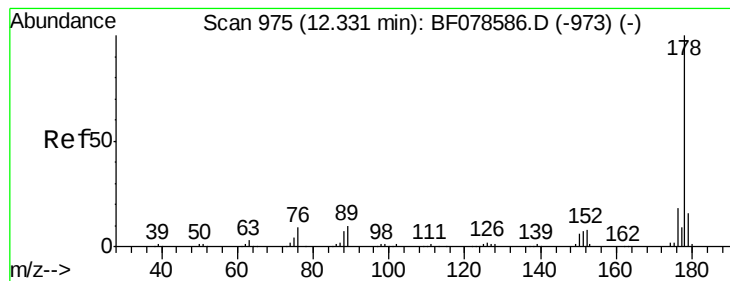
#70
 Phenanthrene
 Concen: 36.96 ng
 RT: 13.91 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion: 178 Resp: 233441
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 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: 38.17 ng

RT: 14.00 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

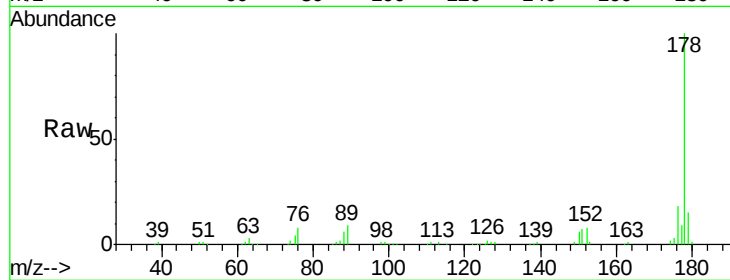
Tgt Ion:178 Resp: 237539

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

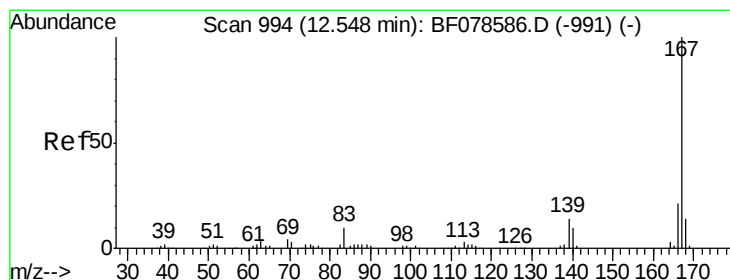
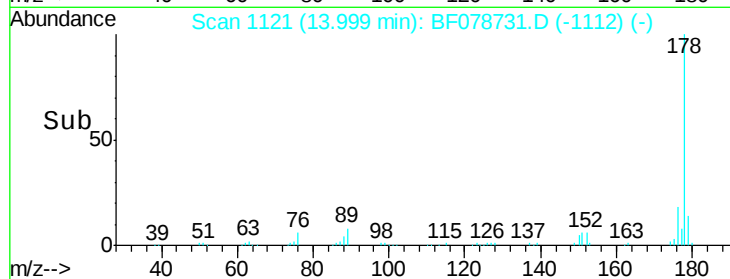
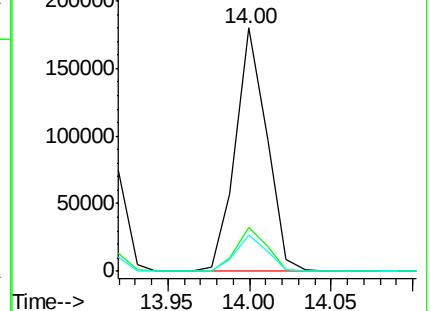
179 14.9 12.4 18.6



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: 39.30 ng

RT: 14.34 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

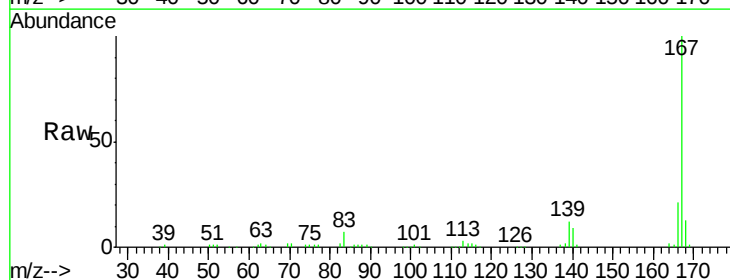
Tgt Ion:167 Resp: 229215

Ion Ratio Lower Upper

167 100

166 20.8 16.8 25.2

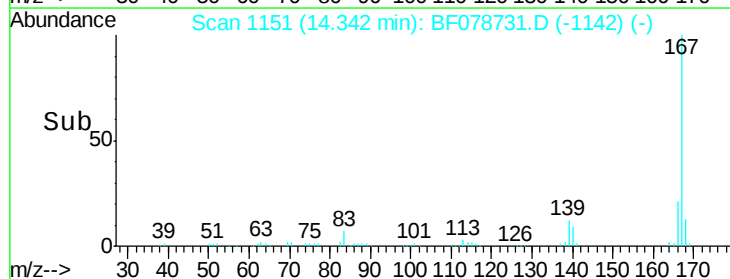
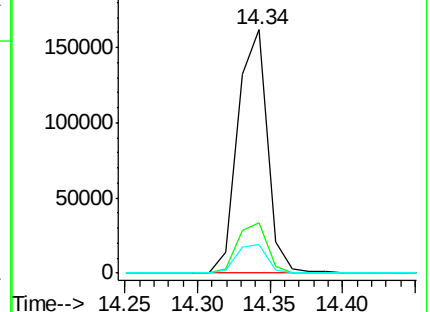
139 12.0 10.0 15.0

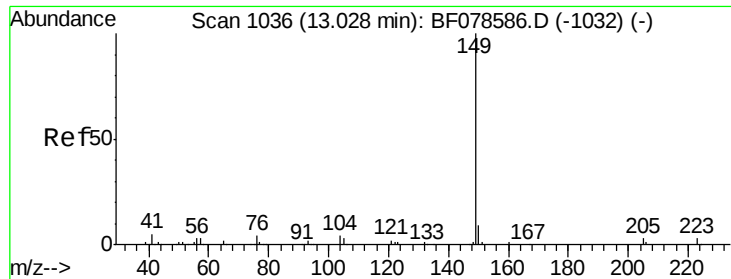


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.82 ng

RT: 15.03 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

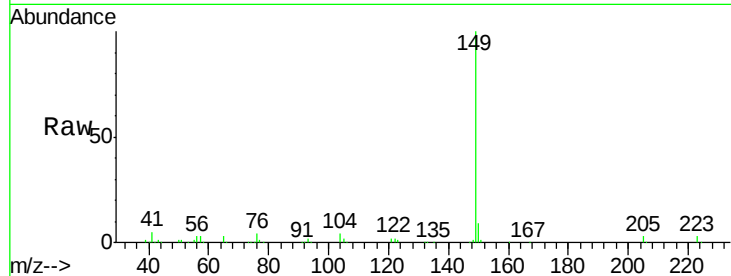
Tgt Ion:149 Resp: 269718

Ion Ratio Lower Upper

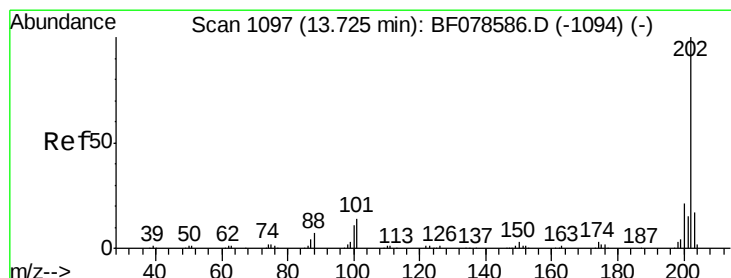
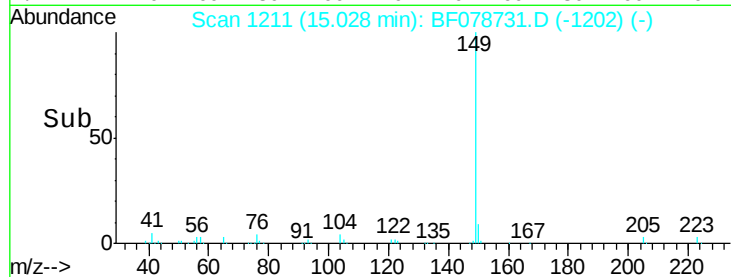
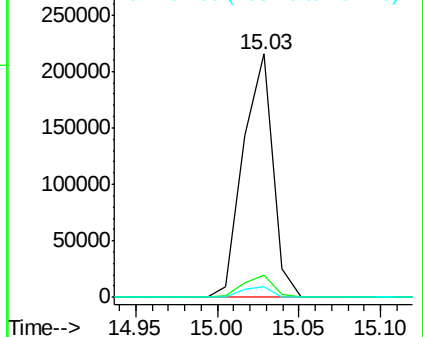
149 100

150 9.1 7.1 10.7

104 4.2 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.71 ng

RT: 15.81 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

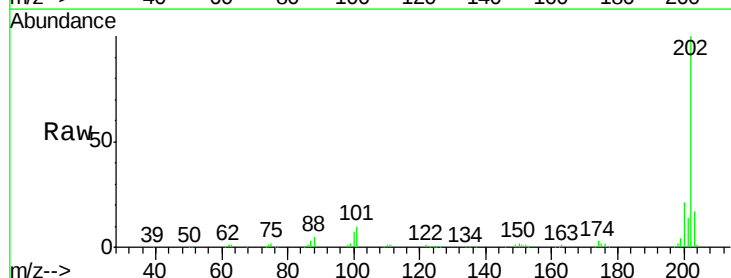
Tgt Ion:202 Resp: 264456

Ion Ratio Lower Upper

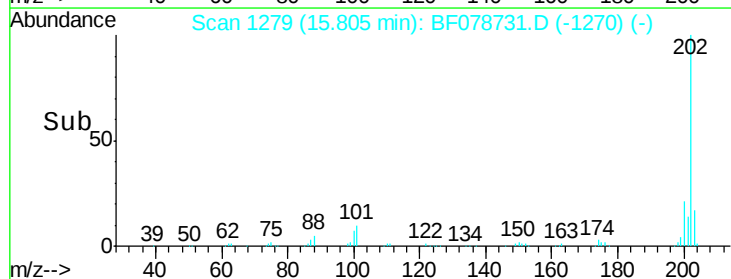
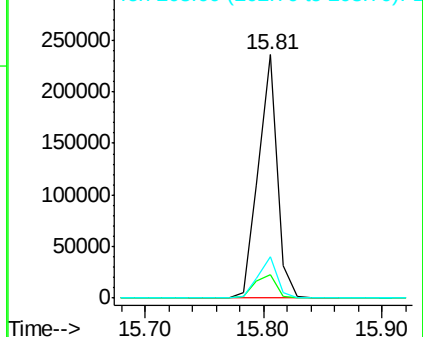
202 100

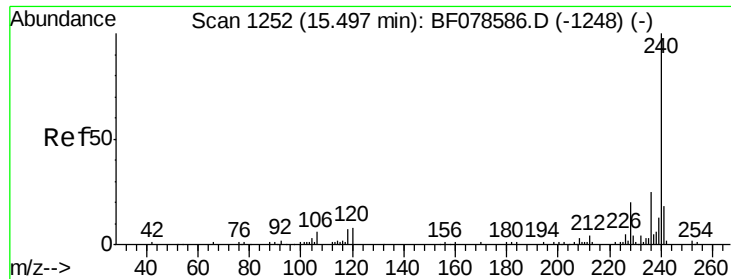
101 9.7 0.0 35.2

203 17.2 0.0 38.5



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: 17.74 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

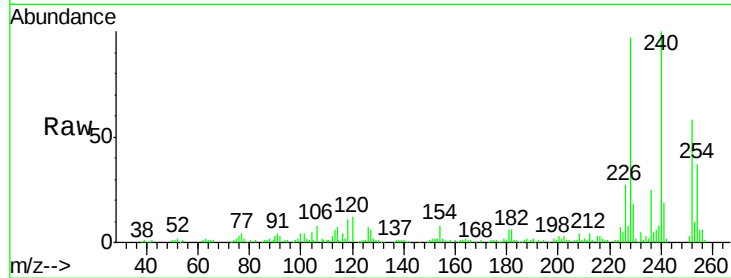
Tgt Ion:240 Resp: 119996

Ion Ratio Lower Upper

240 100

120 11.8 7.1 10.7#

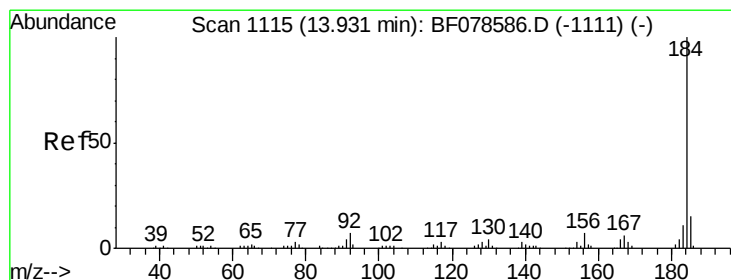
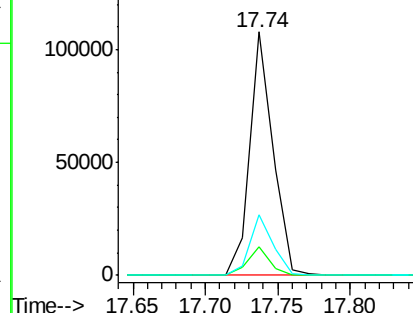
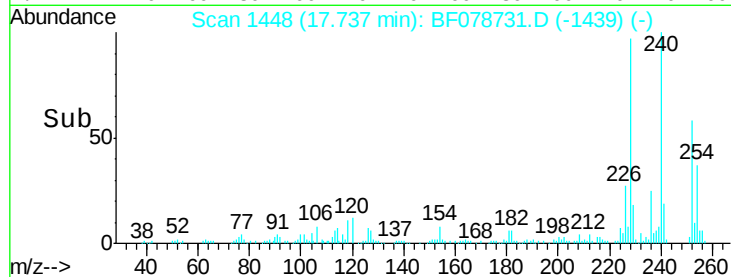
236 24.9 21.4 32.2



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: 23.24 ng

RT: 16.07 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

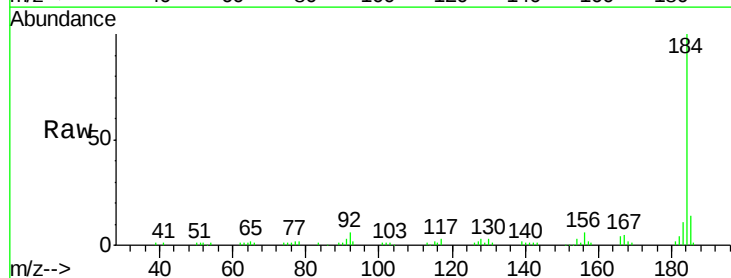
Tgt Ion:184 Resp: 107361

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.2

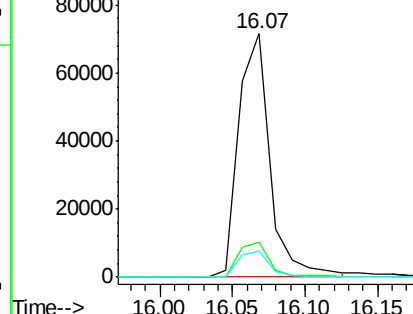
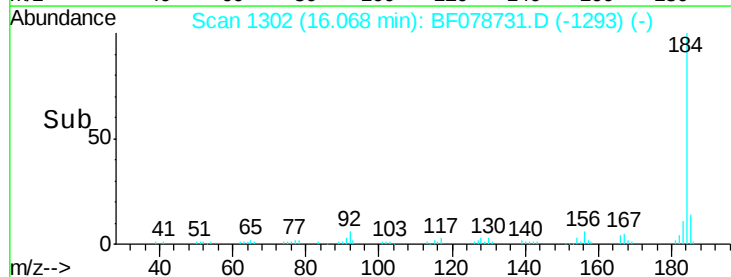
183 10.8 9.5 14.3

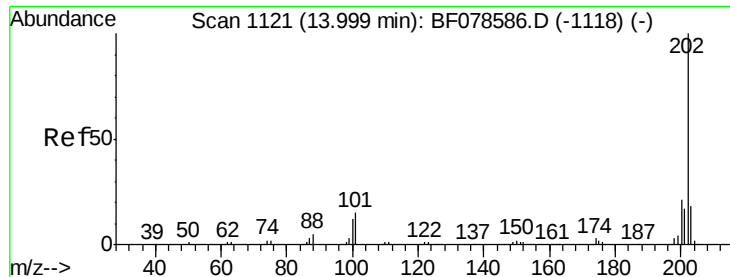


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

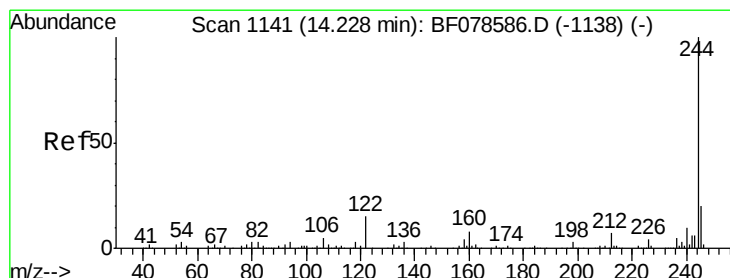
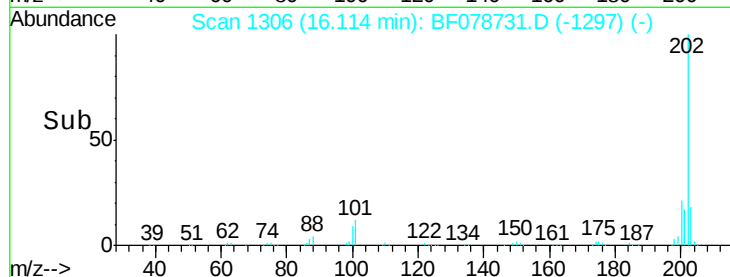
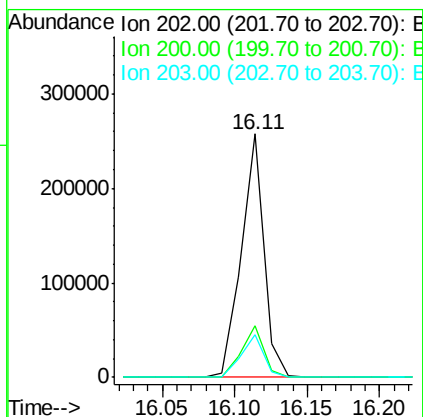
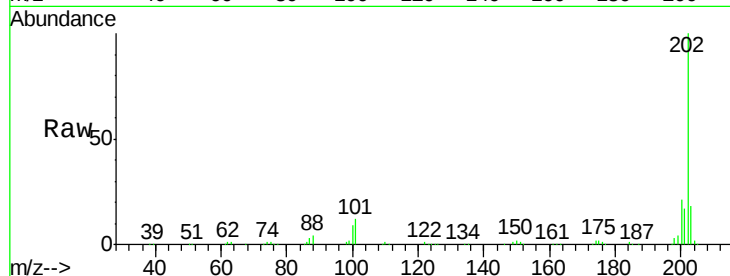




#77
 Pyrene
 Concen: 37.10 ng
 RT: 16.11 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

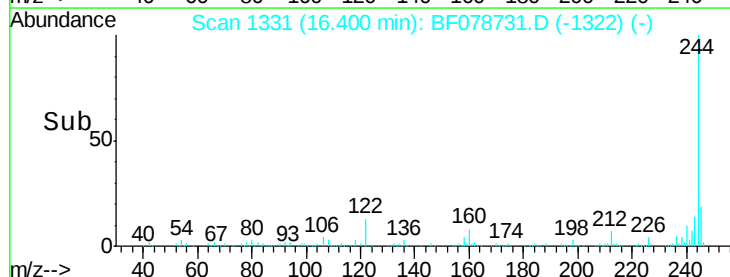
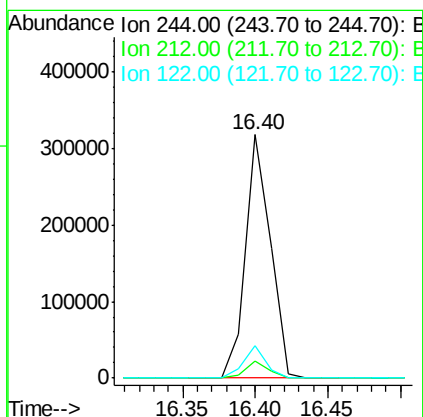
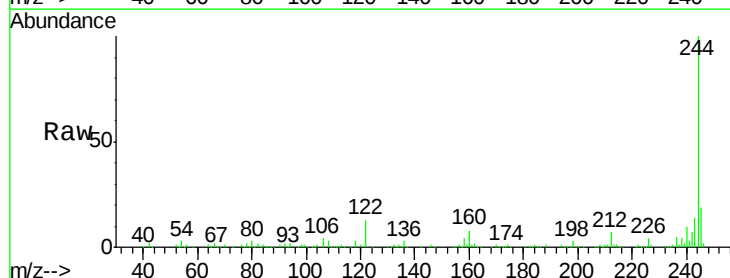
Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

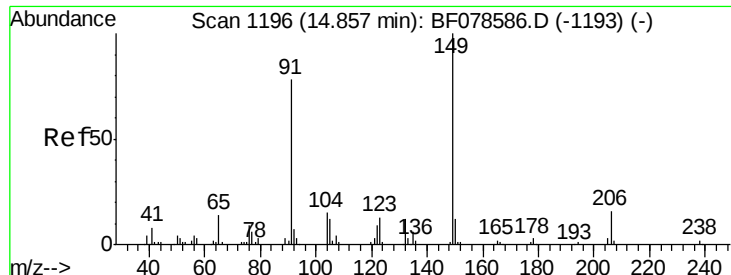
Tgt Ion: 202 Resp: 279464
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.3 24.5
 203 17.8 13.8 20.6



#78
 Terphenyl-d14
 Concen: 71.42 ng
 RT: 16.40 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion: 244 Resp: 379276
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 13.5 7.1 10.7#

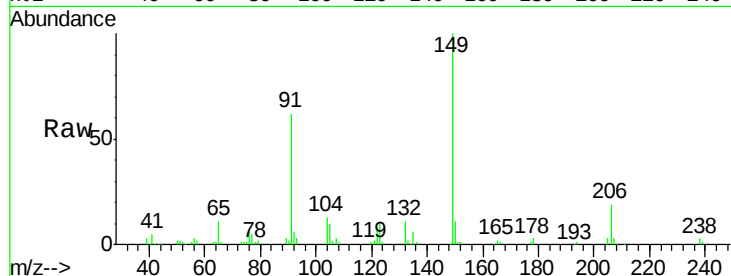




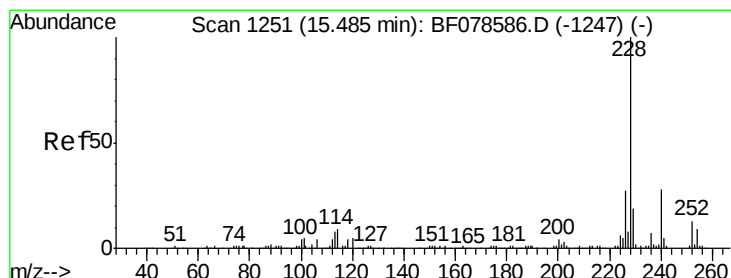
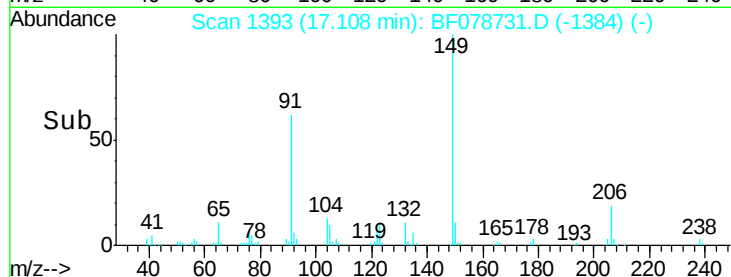
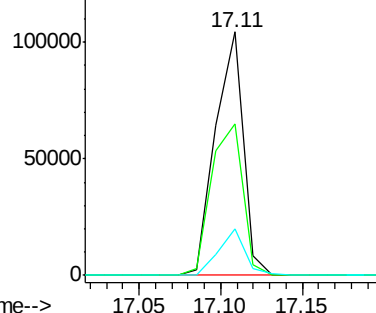
#79
Butylbenzylphthalate
Concen: 43.09 ng
RT: 17.11 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Instrument :
BNA_F
ClientSampleId :
PB82930BS

Tgt Ion:149 Resp: 123718
Ion Ratio Lower Upper
149 100
91 62.1 64.2 96.2#
206 19.3 12.6 18.8#

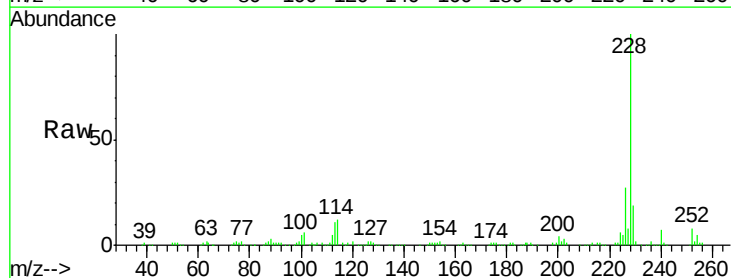


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

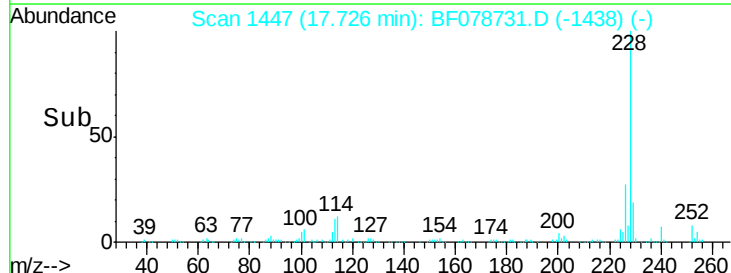
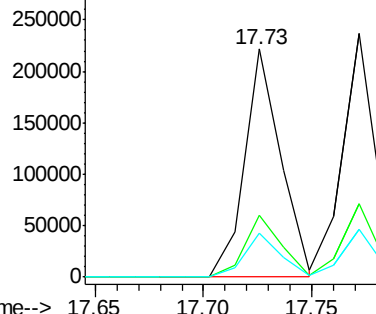


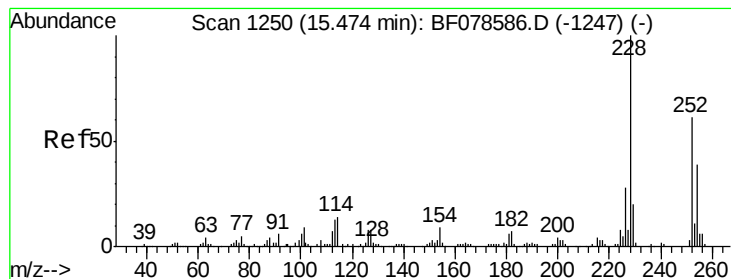
#80
Benzo(a)anthracene
Concen: 36.28 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion:228 Resp: 259018
Ion Ratio Lower Upper
228 100
226 27.3 21.3 31.9
229 19.2 15.4 23.2



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: 27.93 ng

RT: 17.74 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

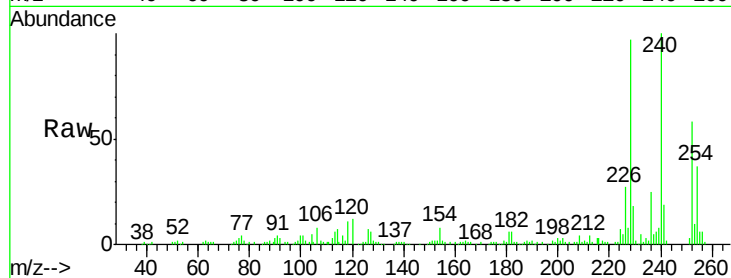
Tgt Ion:252 Resp: 66780

Ion Ratio Lower Upper

252 100

254 63.1 51.2 76.8

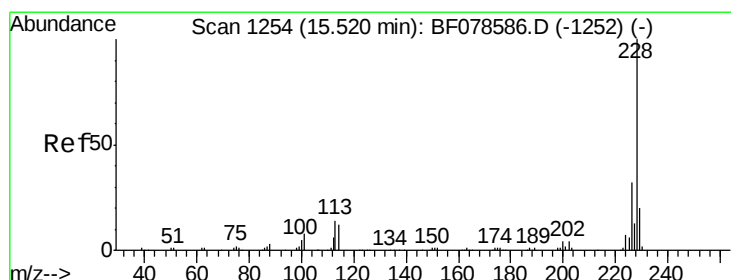
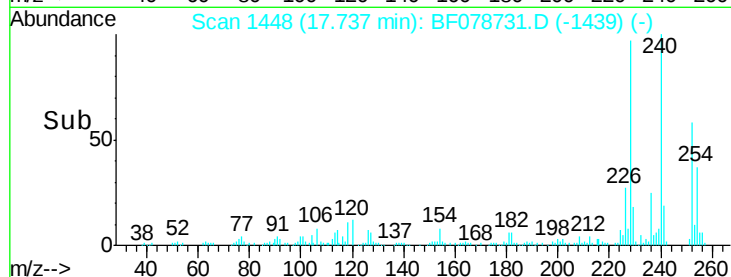
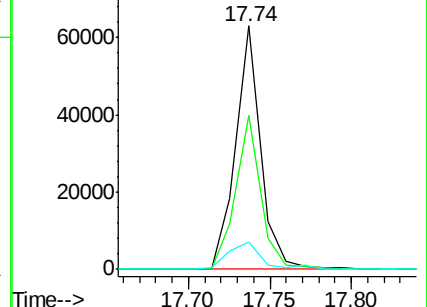
126 11.3 6.3 9.5#



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: 37.32 ng

RT: 17.77 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

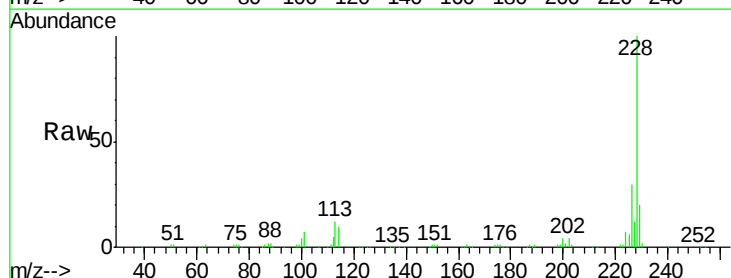
Tgt Ion:228 Resp: 250347

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

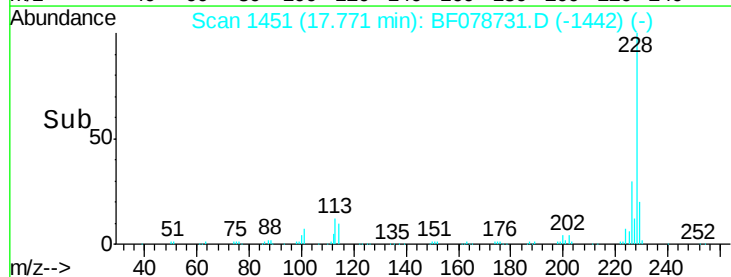
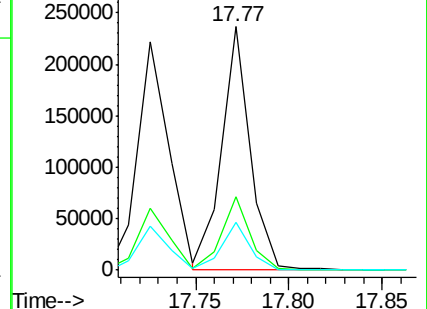
229 19.9 15.8 23.8

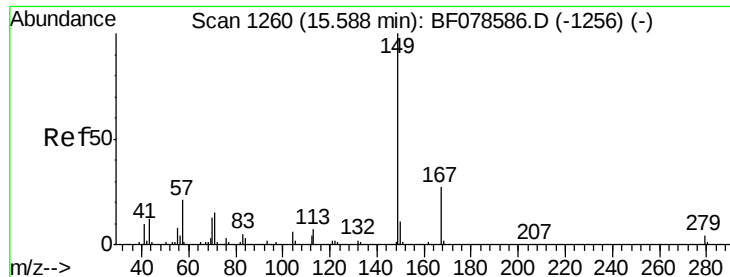


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.22 ng

RT: 17.87 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

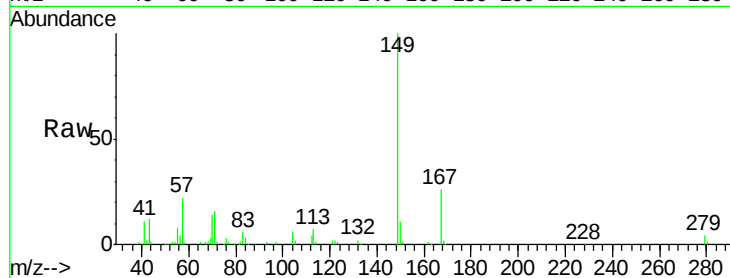
Tgt Ion:149 Resp: 181109

Ion Ratio Lower Upper

149 100

167 26.1 22.2 33.2

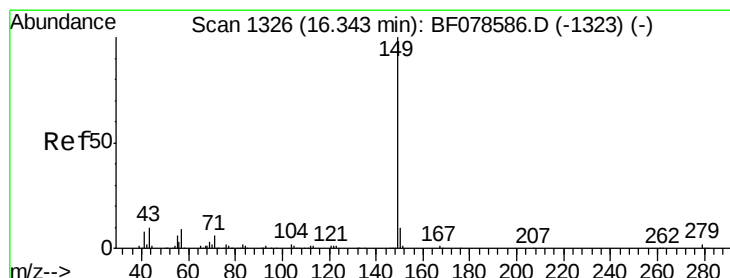
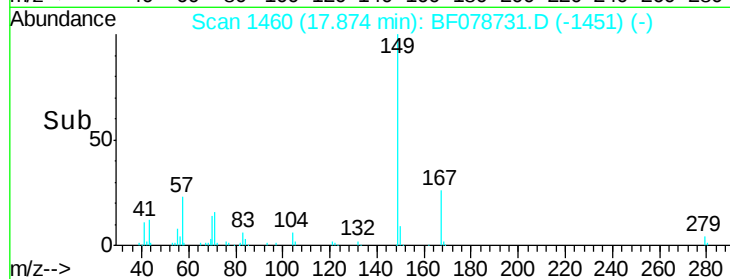
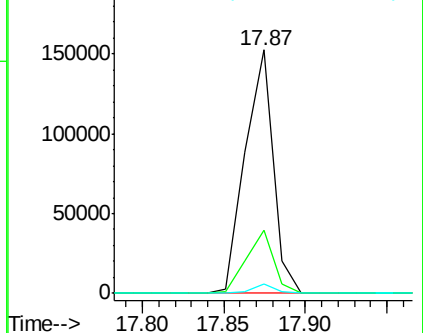
279 3.7 3.2 4.8



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: 43.42 ng

RT: 18.66 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

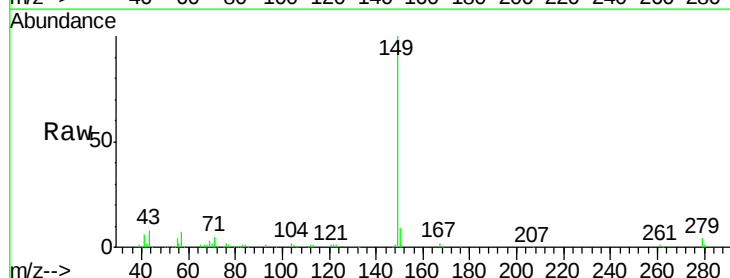
Tgt Ion:149 Resp: 321029

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

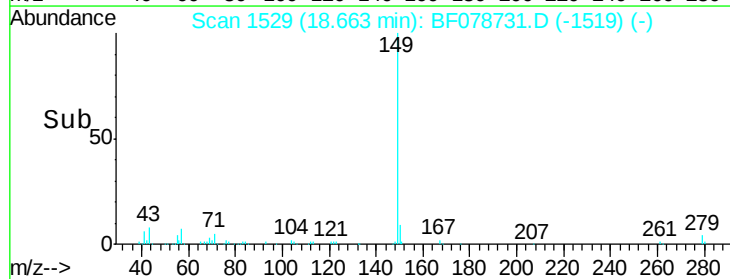
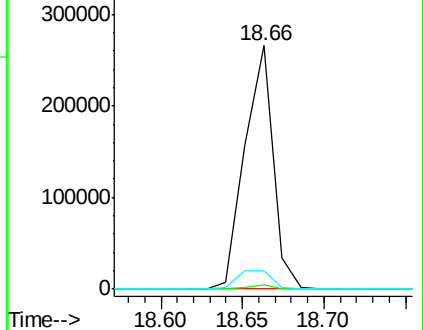
43 9.6 0.0 0.0#

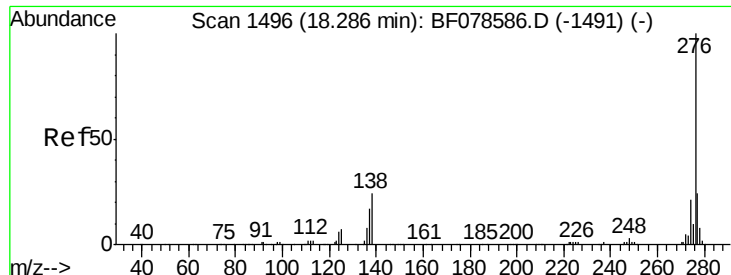


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

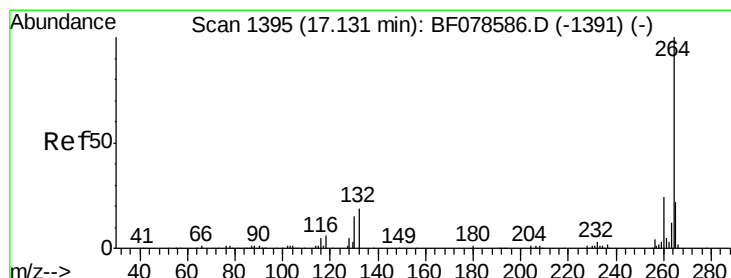
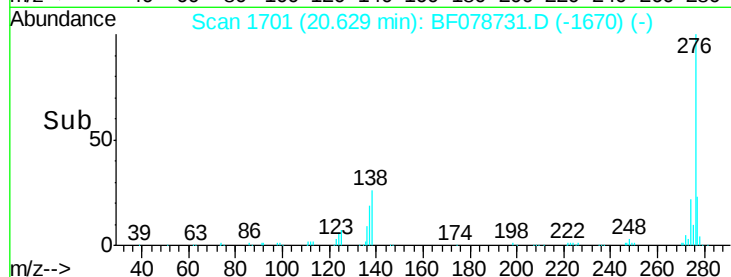
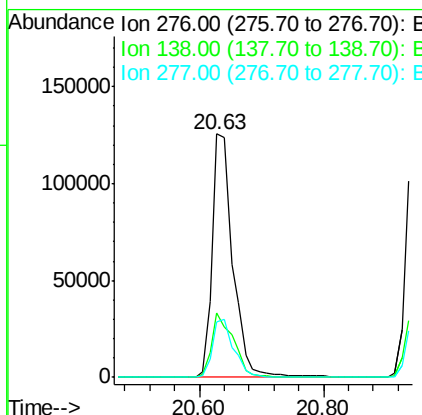
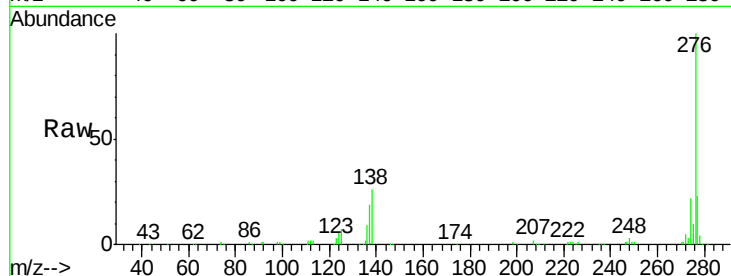




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.72 ng
 RT: 20.63 min Scan# 1701
 Delta R.T. 0.06 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

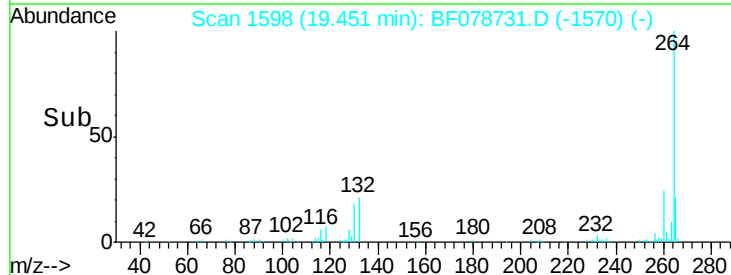
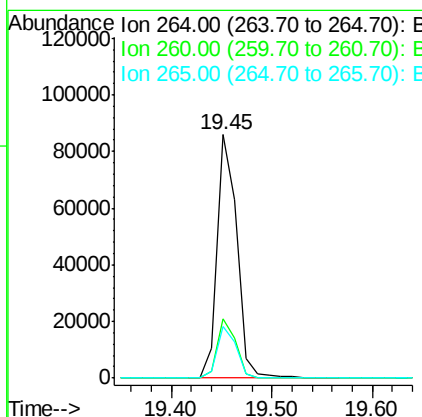
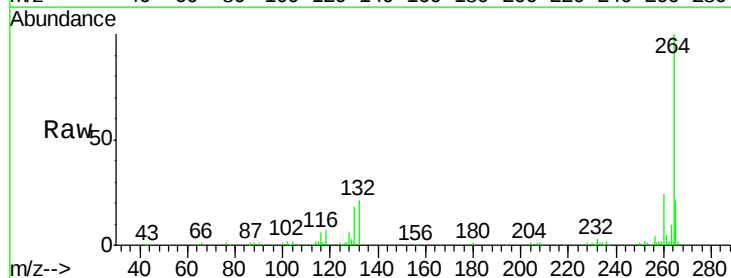
Instrument :
 BNA_F
 ClientSampleId :
 PB82930BS

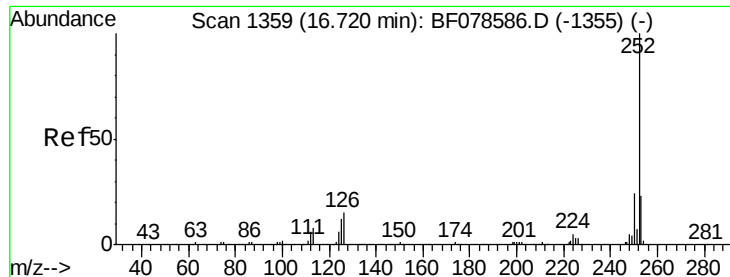
Tgt Ion: 276 Resp: 287136
 Ion Ratio Lower Upper
 276 100
 138 28.0 16.9 25.3#
 277 24.6 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.45 min Scan# 1598
 Delta R.T. 0.02 min
 Lab File: BF078731.D
 Acq: 22 Apr 2015 23:11

Tgt Ion: 264 Resp: 116907
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 21.3 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 36.24 ng

RT: 19.03 min Scan# 1561

Delta R.T. 0.02 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

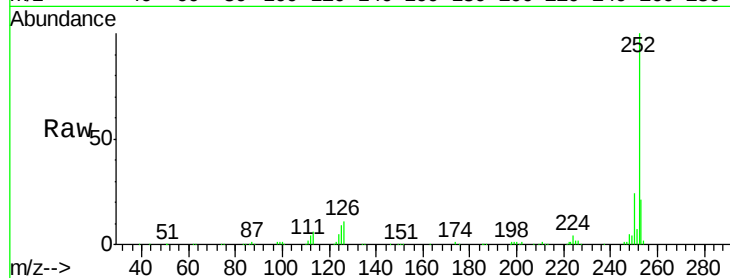
Tgt Ion:252 Resp: 261858

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

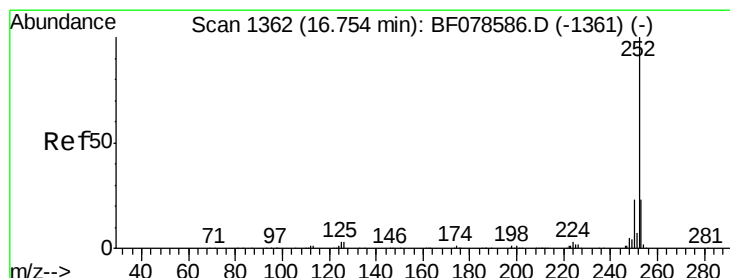
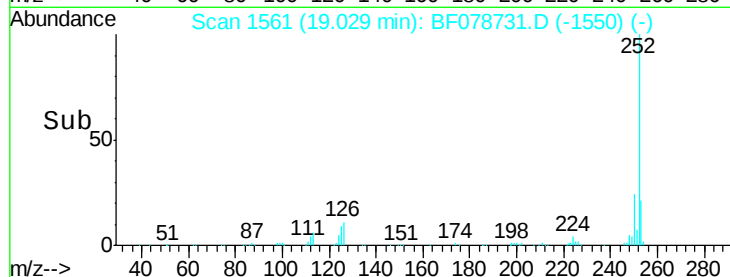
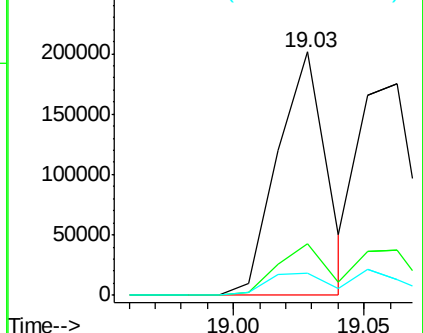
125 9.1 7.0 10.4



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: 40.78 ng

RT: 19.03 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

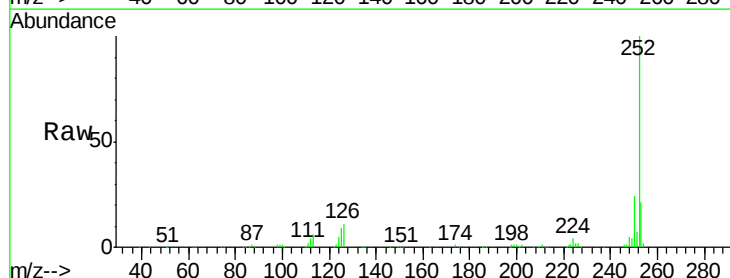
Tgt Ion:252 Resp: 261839

Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

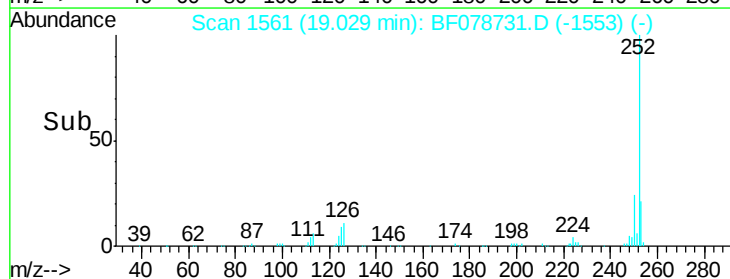
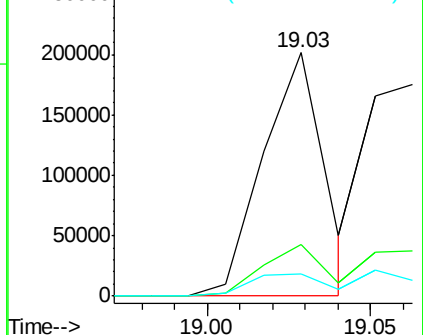
125 9.1 11.6 17.4#

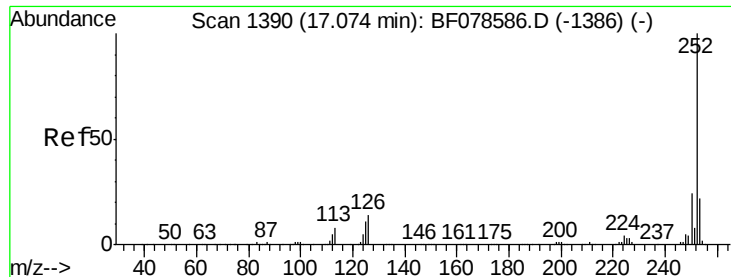


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

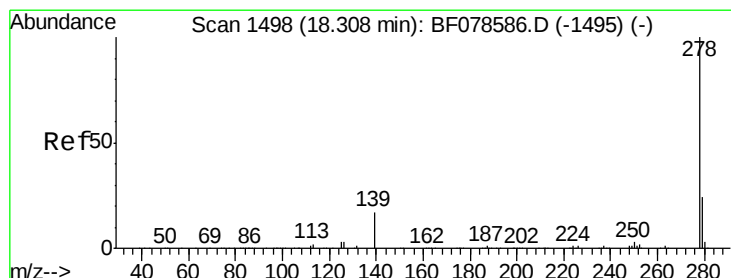
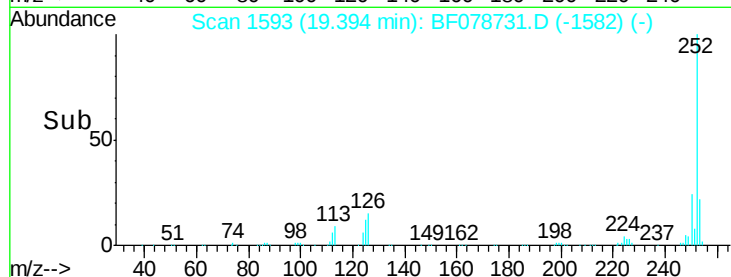
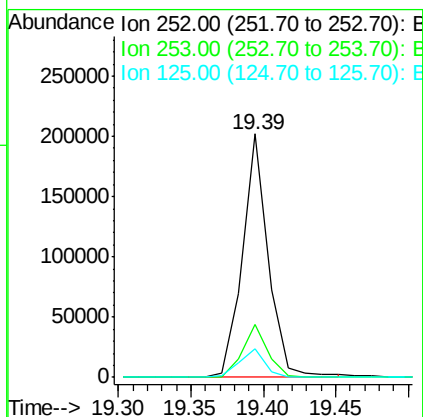
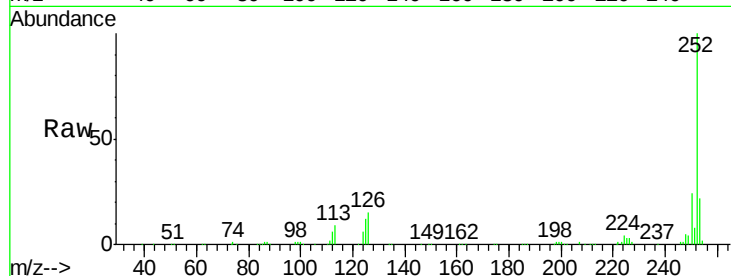




#89
Benzo(a)pyrene
Concen: 39.42 ng
RT: 19.39 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

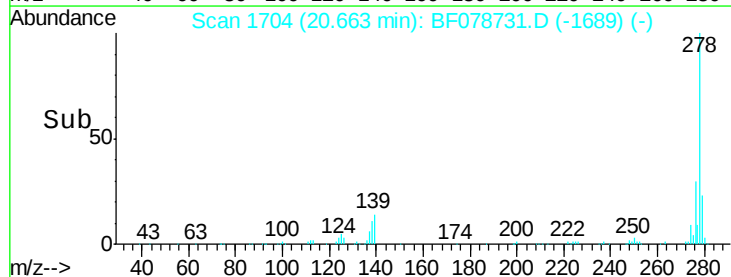
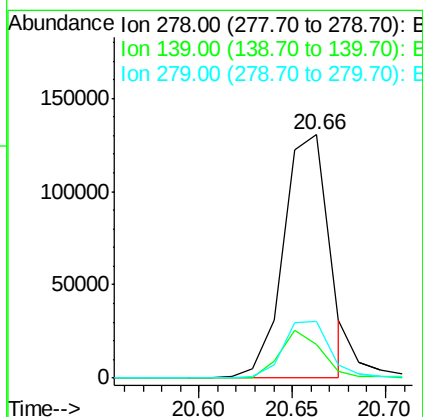
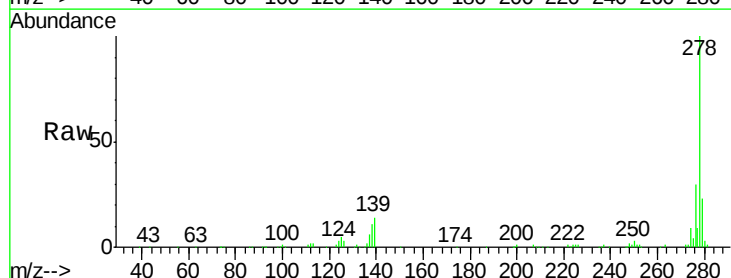
Instrument :
BNA_F
ClientSampleId :
PB82930BS

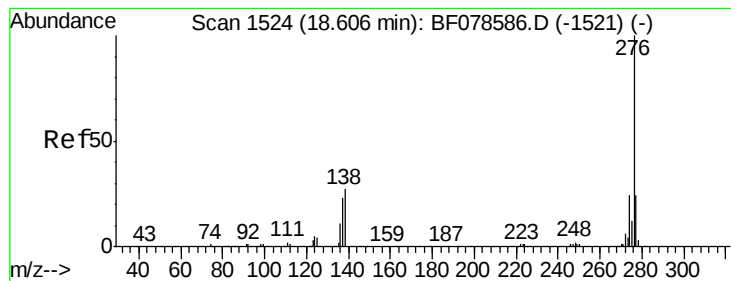
Tgt Ion: 252 Resp: 248585
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 11.9 7.4 11.0#



#90
Dibenzo(a,h)anthracene
Concen: 34.93 ng
RT: 20.66 min Scan# 1704
Delta R.T. 0.07 min
Lab File: BF078731.D
Acq: 22 Apr 2015 23:11

Tgt Ion: 278 Resp: 220539
Ion Ratio Lower Upper
278 100
139 13.8 13.6 20.4
279 23.4 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 35.69 ng

RT: 20.95 min Scan# 1729

Delta R.T. 0.07 min

Lab File: BF078731.D

Acq: 22 Apr 2015 23:11

Instrument :

BNA_F

ClientSampleId :

PB82930BS

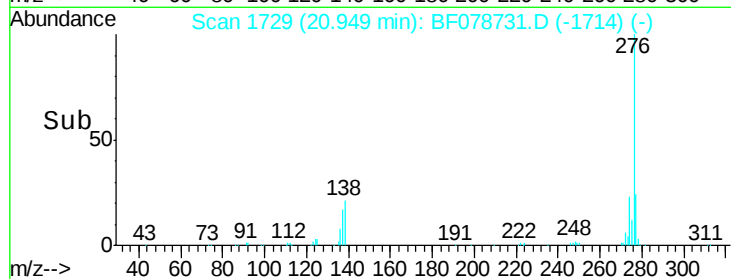
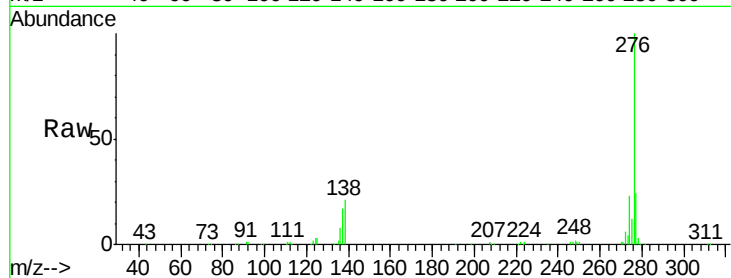
Tgt Ion: 276 Resp: 225908

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 20.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

