

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
 Data File : BF077005.D
 Acq On : 21 Jan 2015 20:24
 Operator : TP/IZ
 Sample : PB81398BS
 Misc : W
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

Quant Time: Jan 22 10:34:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 22 02:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	30986	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	127741	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	71276	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	119389	20.00	ng	0.00
75) Chrysene-d12	21.19	240	116644	20.00	ng	0.00
86) Perylene-d12	22.84	264	103939	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	237794	126.18	ng	0.00
7) Phenol-d6	7.26	99	296487	124.71	ng	0.00
23) Nitrobenzene-d5	9.16	82	182180	79.01	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	73112	126.37	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	372880	79.61	ng	0.00
78) Terphenyl-d14	19.92	244	391329	77.24	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.22	88	25399	31.47	ng	# 92
3) Pyridine	1.69	79	77368	37.05	ng	91
4) n-Nitrosodimethylamine	1.65	42	42374	40.97	ng	93
6) Aniline	7.14	93	64130	19.49	ng	97
8) 2-Chlorophenol	7.38	128	82983	38.19	ng	98
9) Benzaldehyde	6.86	77	20514	13.15	ng	94
10) Phenol	7.28	94	96738	38.32	ng	89
11) bis(2-Chloroethyl)ether	7.40	93	78813	39.90	ng	# 80
12) 1,3-Dichlorobenzene	7.69	146	89629	36.26	ng	98
13) 1,4-Dichlorobenzene	7.89	146	91143	34.77	ng	96
14) 1,2-Dichlorobenzene	8.21	146	87918	36.40	ng	100
15) Benzyl Alcohol	8.29	79	70799	36.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	97733	36.81	ng	89
17) 2-Methylphenol	8.64	107	66525	37.47	ng	97
18) Hexachloroethane	8.95	117	32507	35.66	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	58934	35.41	ng	92
20) 3+4-Methylphenols	9.02	107	83807	35.65	ng	94
22) Acetophenone	8.85	105	122656	39.20	ng	98
24) Nitrobenzene	9.19	77	88262	37.58	ng	98
25) Isophorone	9.80	82	158680	37.79	ng	96
26) 2-Nitrophenol	9.93	139	43470	36.58	ng	# 88
27) 2,4-Dimethylphenol	10.22	122	74764	41.16	ng	96
28) bis(2-Chloroethoxy)methane	10.42	93	97612	40.90	ng	99
29) 2,4-Dichlorophenol	10.54	162	69009	40.76	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	73471	39.07	ng	99
31) Naphthalene	10.81	128	244003	37.10	ng	97
32) Benzoic acid	10.56	122	36881m	36.65	ng	
33) 4-Chloroaniline	11.05	127	54010	20.32	ng	96
34) Hexachlorobutadiene	11.18	225	40892	36.65	ng	92
35) Caprolactam	11.89	113	19782m	39.69	ng	
36) 4-Chloro-3-methylphenol	12.36	107	78332	40.41	ng	94
37) 2-Methylnaphthalene	12.46	142	172352	38.37	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	66651	37.82	ng	98
40) Hexachlorocyclopentadiene	12.86	237	72206	76.34	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	47116	36.70	nq	92
43) 2,4,5-Trichlorophenol	13.31	196	48401	36.96	nq	95
45) 1,1'-Biphenyl	13.61	154	204011	38.61	nq	97
46) 2-Chloronaphthalene	13.59	162	163642	37.63	nq	98
47) 2-Nitroaniline	13.93	65	52876	40.09	nq	88
48) Acenaphthylene	14.54	152	265949	36.26	nq	97
49) Dimethylphthalate	14.49	163	193705	38.32	nq	97
50) 2,6-Dinitrotoluene	14.59	165	42434	42.02	nq	99
51) Acenaphthene	14.96	154	151260	36.35	nq	97
52) 3-Nitroaniline	14.93	138	32773	25.73	nq	85
53) 2,4-Dinitrophenol	15.21	184	35574	75.79	nq	93
54) Dibenzofuran	15.40	168	234916	38.75	nq	98
55) 4-Nitrophenol	15.53	139	63678	80.37	nq	91
56) 2,4-Dinitrotoluene	15.52	165	58630	39.13	nq	# 88
57) Fluorene	16.13	166	193199	37.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.74	232	36299	38.07	nq	94
59) Diethylphthalate	16.13	149	196451	38.45	nq	99
60) 4-Chlorophenyl-phenylether	16.22	204	83522	39.75	nq	90
61) 4-Nitroaniline	16.27	138	42257	33.63	nq	99
62) Azobenzene	16.51	77	206037	38.71	nq	98
64) 4,6-Dinitro-2-methylphenol	16.35	198	27155	36.26	nq	97
65) n-Nitrosodiphenylamine	16.46	169	159707	37.52	nq	99
66) 4-Bromophenyl-phenylether	17.07	248	48179	39.83	nq	93
67) Hexachlorobenzene	17.09	284	49820	39.09	nq	# 88
68) Atrazine	17.44	200	57153	44.24	nq	95
69) Pentachlorophenol	17.44	266	45987	78.77	nq	97
70) Phenanthrene	17.73	178	277816	37.31	nq	98
71) Anthracene	17.81	178	284281	39.16	nq	99
72) Carbazole	18.09	167	273082	38.78	nq	99
73) Di-n-butylphthalate	18.68	149	329827	40.46	nq	97
74) Fluoranthene	19.37	202	296517	38.87	nq	97
76) Benzidine	19.61	184	125421	33.60	nq	99
77) Pyrene	19.66	202	313482	39.21	nq	99
79) Butylbenzylphthalate	20.59	149	149254	41.23	nq	# 85
80) Benzo(a)anthracene	21.18	228	276863	37.83	nq	98
81) 3,3'-Dichlorobenzidine	21.19	252	55190	23.73	nq	100
82) Chrysene	21.23	228	258690	38.76	nq	100
83) Bis(2-ethylhexyl)phthalate	21.33	149	203975	40.72	nq	# 99
84) Di-n-octyl phthalate	22.09	149	358160	41.20	nq	98
85) Indeno(1,2,3-cd)pyrene	23.92	276	266231	37.64	nq	# 84
87) Benzo(b)fluoranthene	22.43	252	256650	36.66	nq	# 98
88) Benzo(k)fluoranthene	22.46	252	253658m	41.47	nq	
89) Benzo(a)pyrene	22.77	252	250042	40.49	nq	# 96
90) Dibenzo(a,h)anthracene	23.96	278	217607	38.41	nq	98
91) Benzo(g,h,i)perylene	24.21	276	223517	39.68	nq	# 94

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

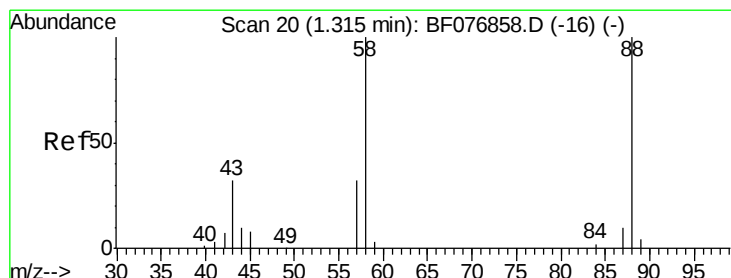
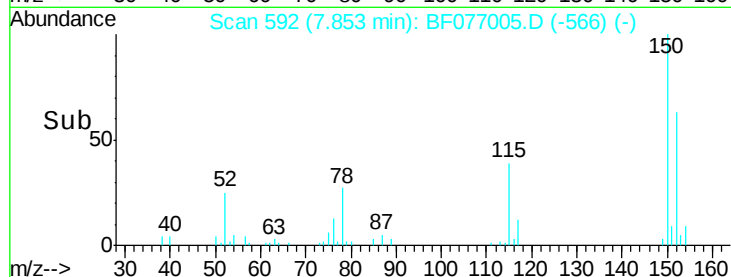
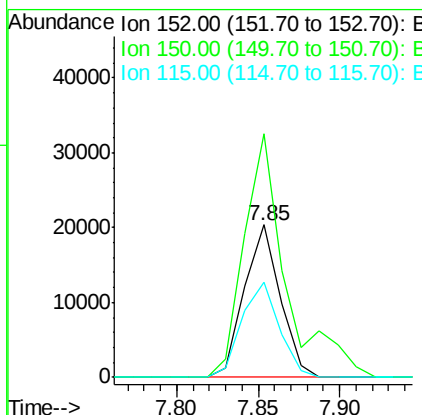
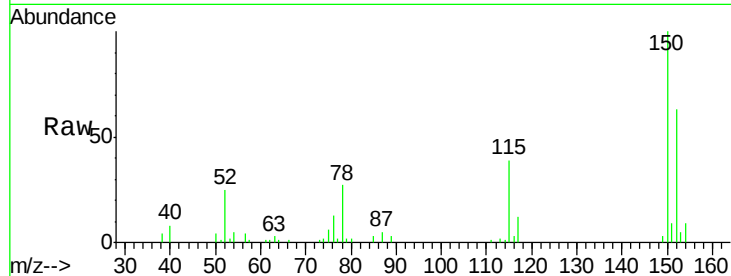


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Instrument :
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ClientSampleId :
PB81398BS

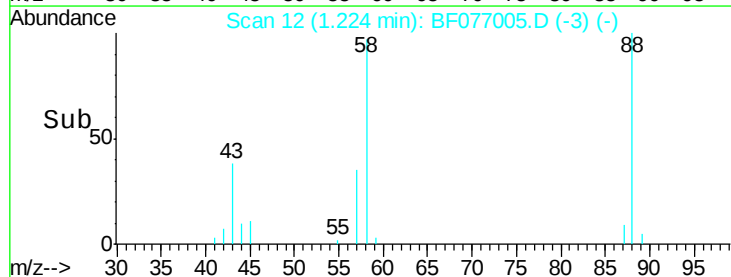
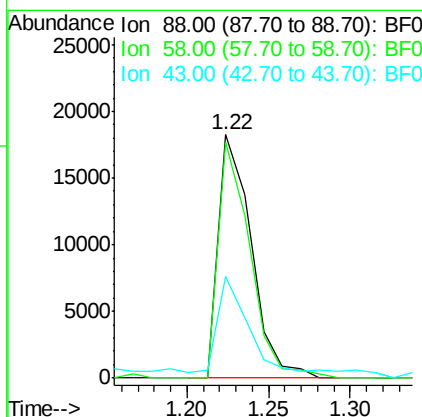
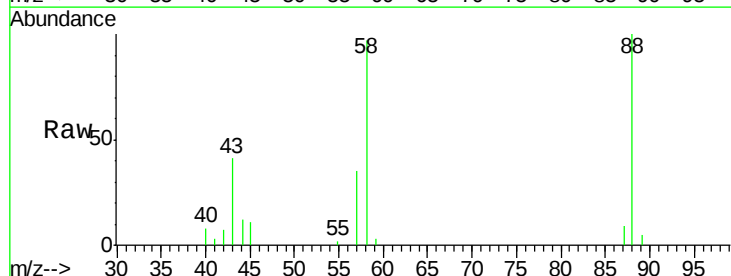
Tot Ion:152 Resp: 30986
Ion Ratio Lower Upper
152 100
150 159.6 121.7 182.5
115 62.3 47.0 70.6



#2

1,4-Dioxane
Concen: 31.47 ng
RT: 1.22 min Scan# 12
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion: 88 Resp: 25399
Ion Ratio Lower Upper
88 100
58 94.0 77.0 115.4
43 47.1 25.6 38.4#





#3

Pvridine

Concen: 37.05 ng

RT: 1.69 min Scan# 53

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

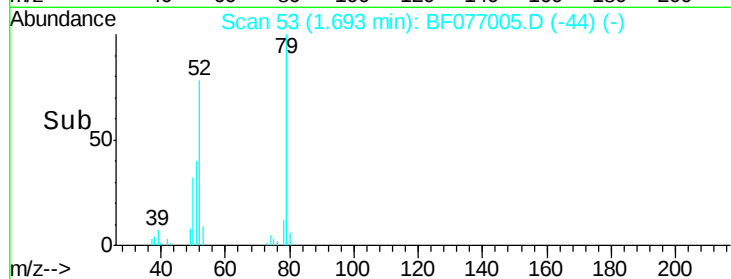
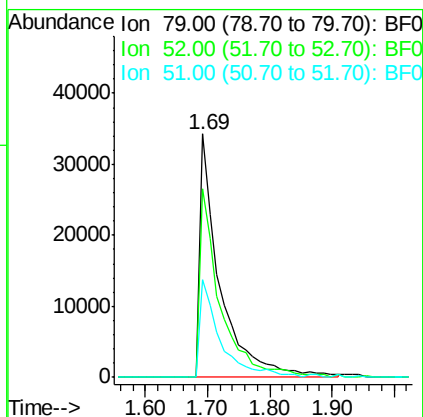
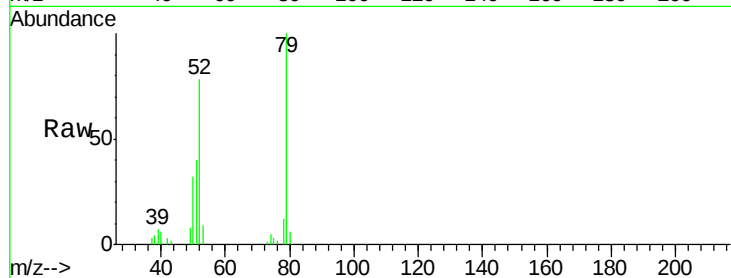
Tot Ion: 79 Resp: 77368

Ion Ratio Lower Upper

79 100

52 77.5 70.1 105.1

51 40.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 40.97 ng

RT: 1.65 min Scan# 49

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

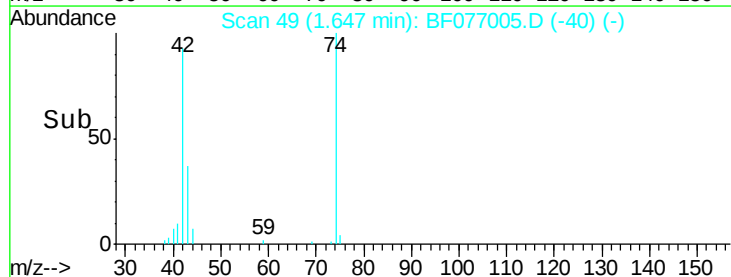
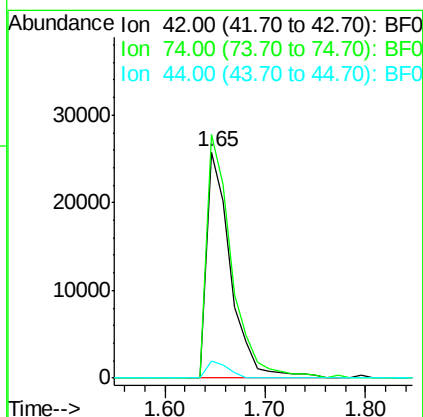
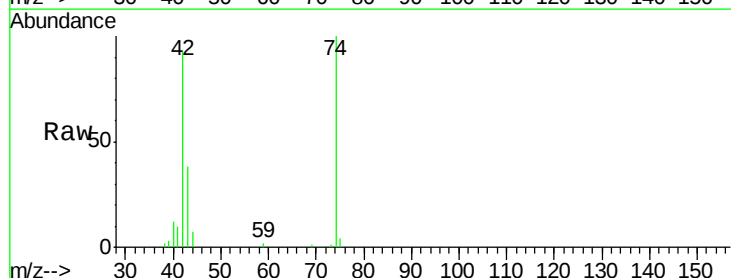
Tgt Ion: 42 Resp: 42374

Ion Ratio Lower Upper

42 100

74 107.9 92.4 138.6

44 7.6 6.2 9.2





#5

2-Fluorophenol

Concen: 126.18 ng

RT: 4.90 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

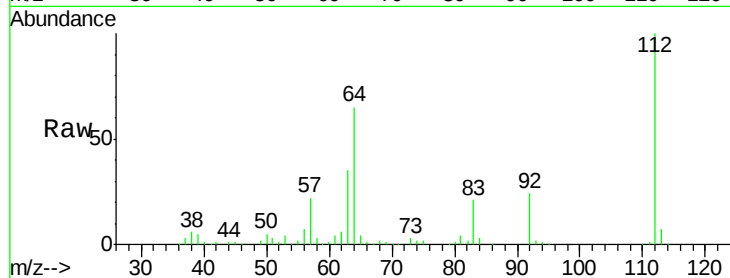
Tot Ion: 112 Resp: 237794

Ion Ratio Lower Upper

112 100

64 64.8 54.2 81.4

63 35.5 28.4 42.6



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

150000

100000

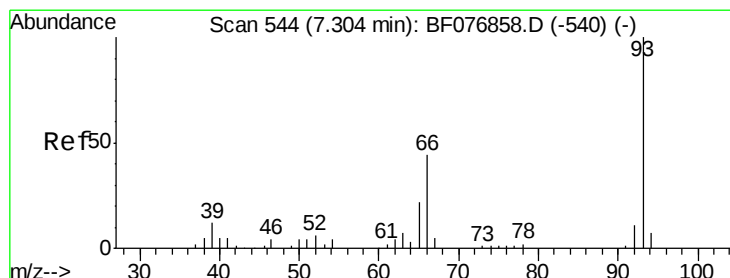
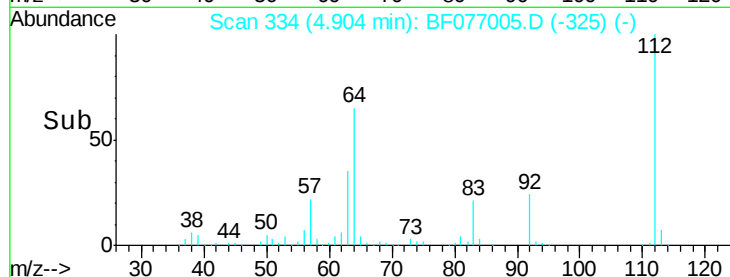
50000

0

4.90

4.80 4.90 5.00 5.10

Time-->



#6

Aniline

Concen: 19.49 ng

RT: 7.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

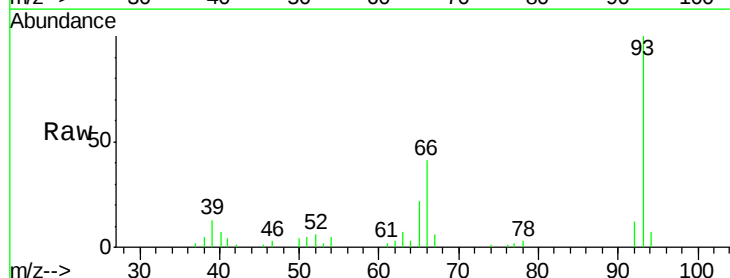
Tgt Ion: 93 Resp: 64130

Ion Ratio Lower Upper

93 100

66 40.7 35.0 52.4

65 22.0 17.7 26.5



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

40000

30000

20000

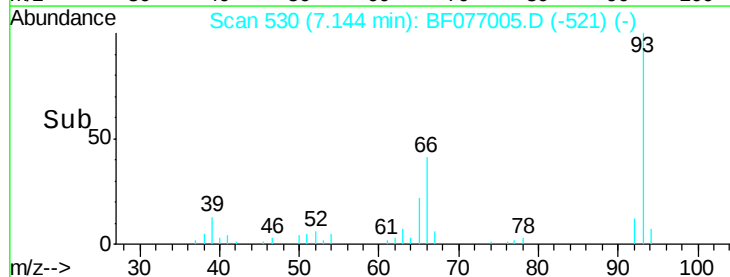
10000

0

7.14

7.10 7.20

Time-->





#7

Phenol-d6

Concen: 124.71 ng

RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

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ClientSampleId :

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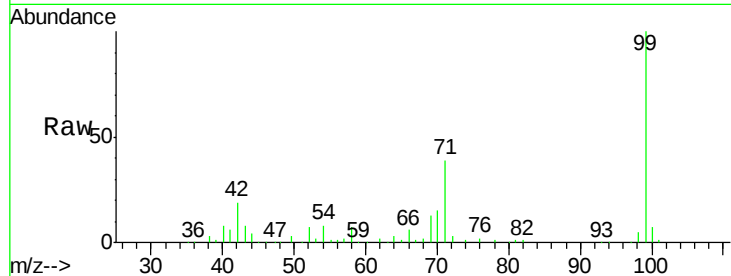
Tot Ion: 99 Resp: 296487

Ion Ratio Lower Upper

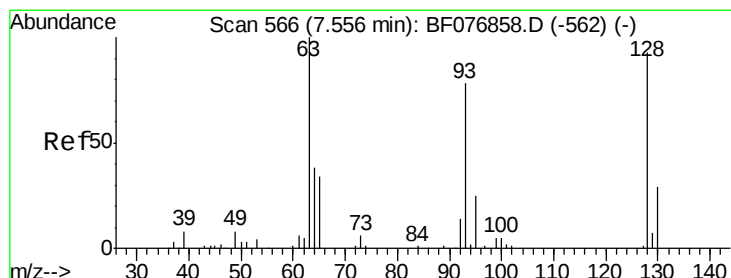
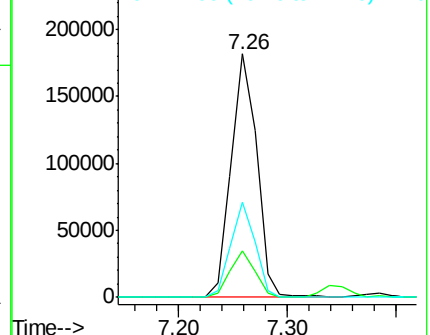
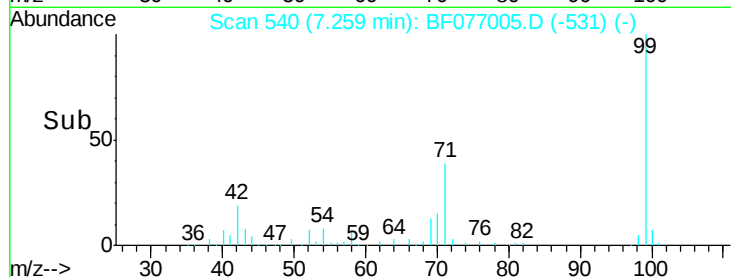
99 100

42 18.9 15.0 22.4

71 39.3 30.5 45.7



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: 38.19 ng

RT: 7.38 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

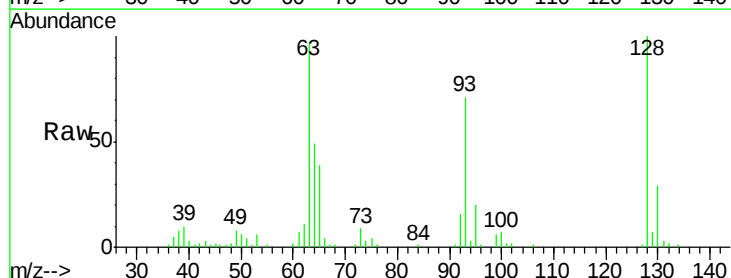
Tgt Ion: 128 Resp: 82983

Ion Ratio Lower Upper

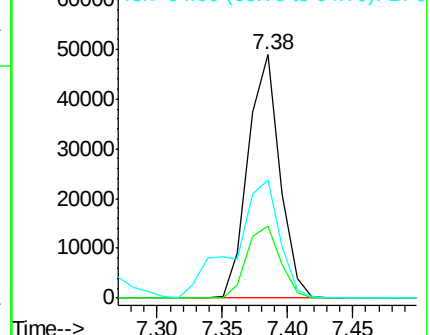
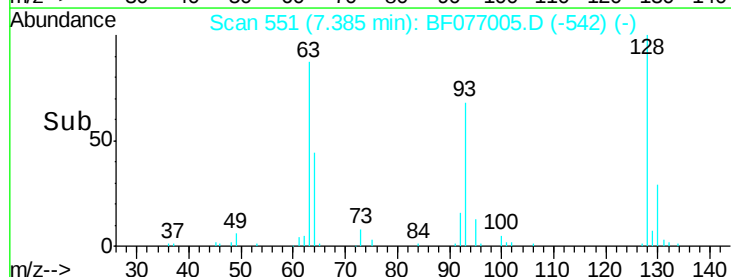
128 100

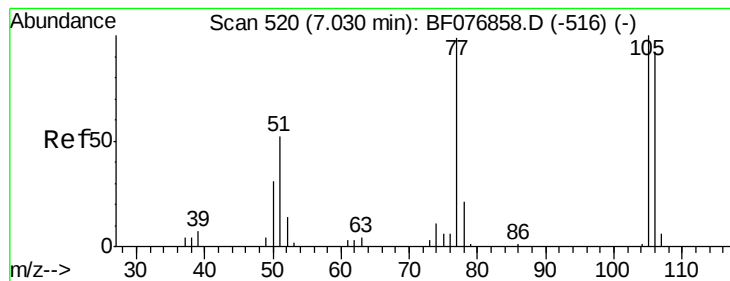
130 29.4 11.0 51.0

64 48.6 29.3 69.3



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: 13.15 ng

RT: 6.86 min Scan# 505

Delta R.T. 0.00 min

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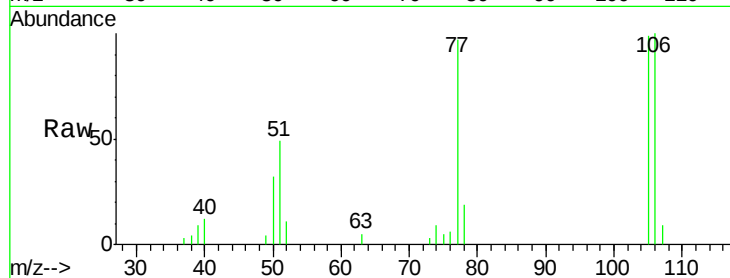
Tot Ion: 77 Resp: 20514

Ion Ratio Lower Upper

77 100

105 102.2 81.4 121.4

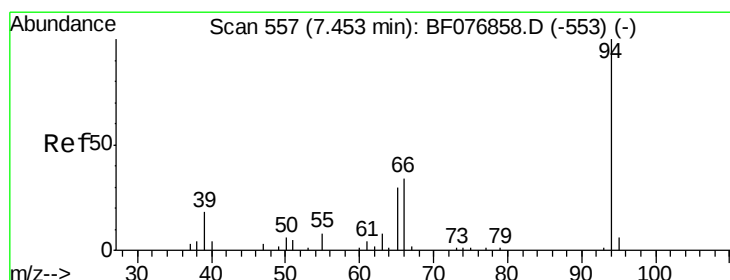
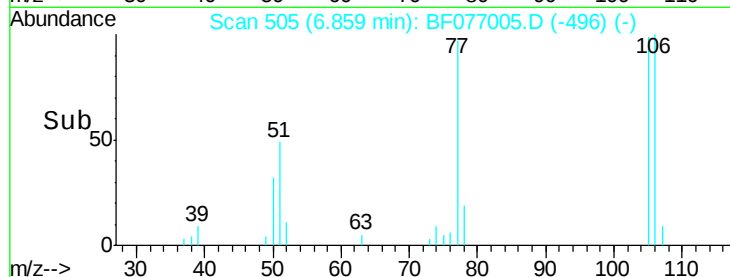
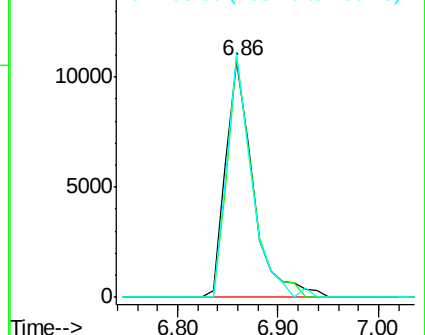
106 103.0 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.32 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

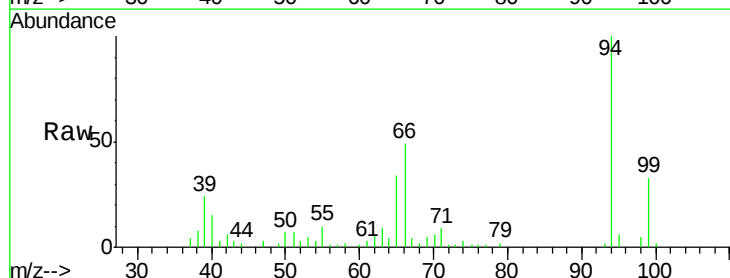
Tgt Ion: 94 Resp: 96738

Ion Ratio Lower Upper

94 100

65 33.7 11.3 51.3

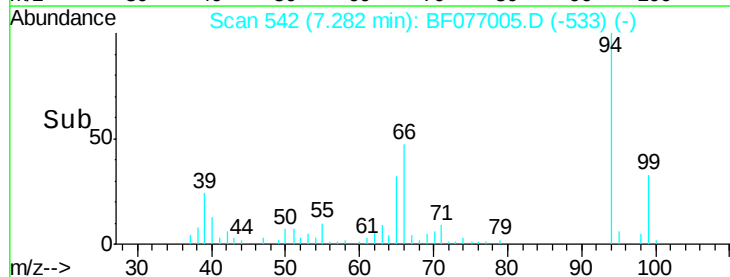
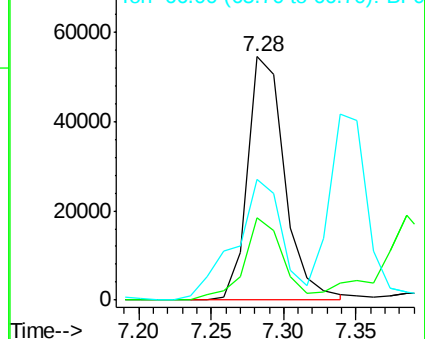
66 49.4 19.5 59.5

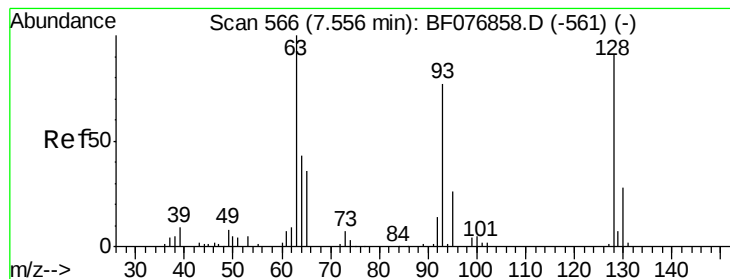


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.90 ng

RT: 7.40 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

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ClientSampleId :

PB81398BS

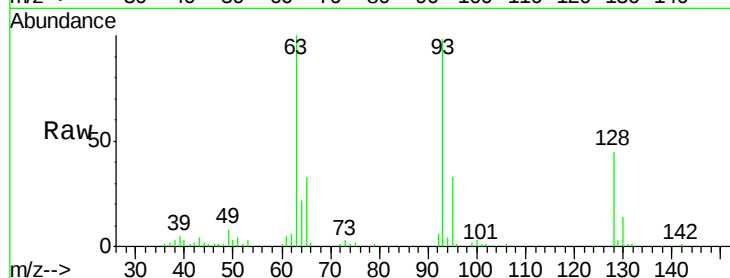
Tot Ion: 93 Resp: 78813

Ion Ratio Lower Upper

93 100

63 102.5 111.3 151.3#

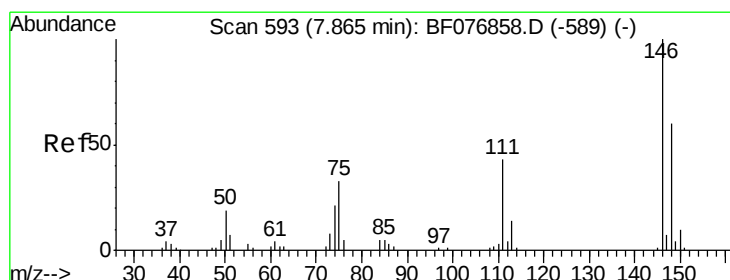
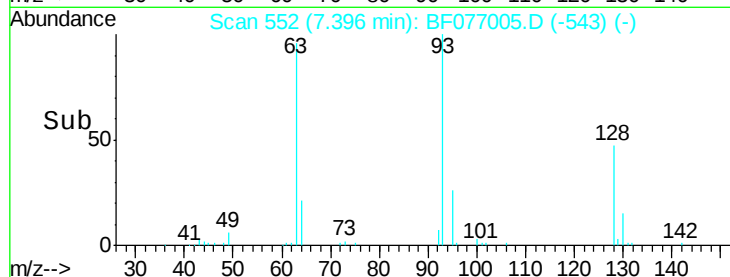
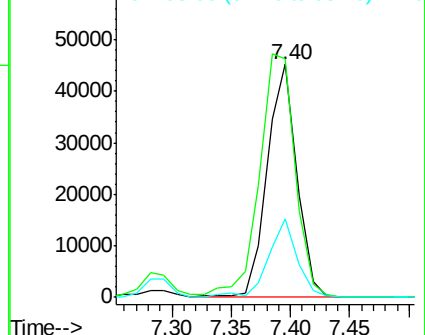
95 33.7 13.8 53.8



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: 36.26 ng

RT: 7.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

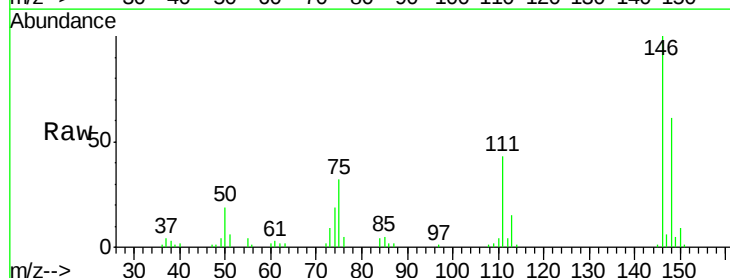
Tgt Ion: 146 Resp: 89629

Ion Ratio Lower Upper

146 100

148 61.5 48.1 72.1

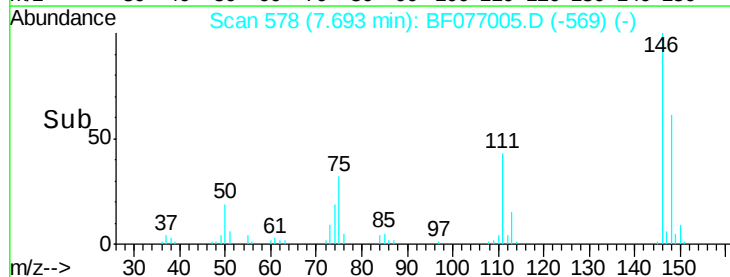
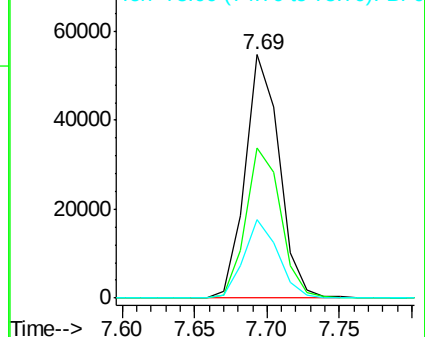
75 32.3 26.8 40.2

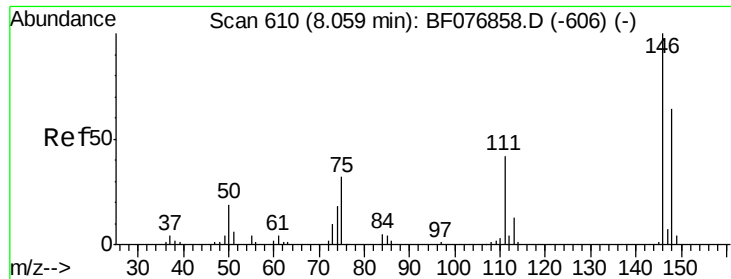


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

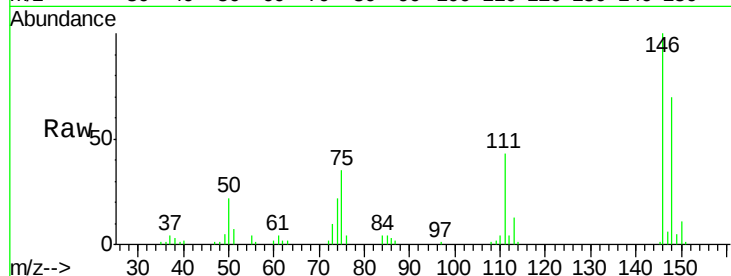




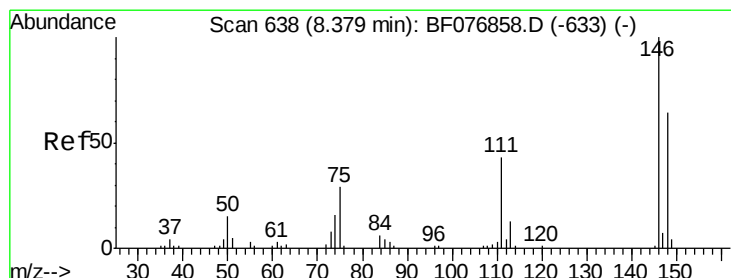
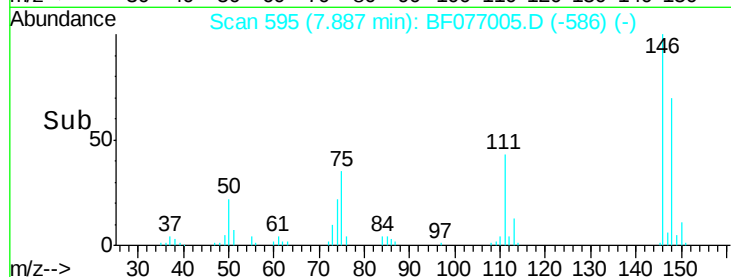
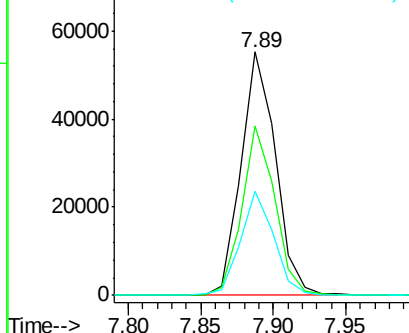
#13
 1,4-Dichlorobenzene
 Concen: 34.77 ng
 RT: 7.89 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

Tot Ion:146 Resp: 91143
 Ion Ratio Lower Upper
 146 100
 148 69.5 51.5 77.3
 111 42.8 33.9 50.9

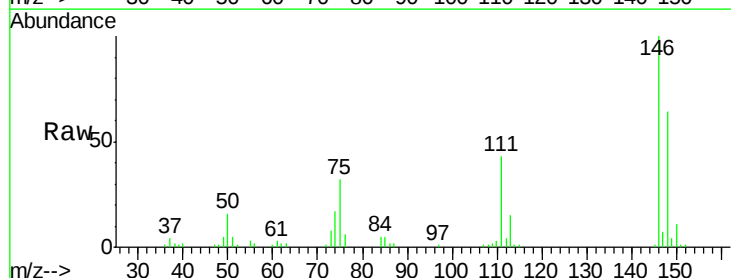


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

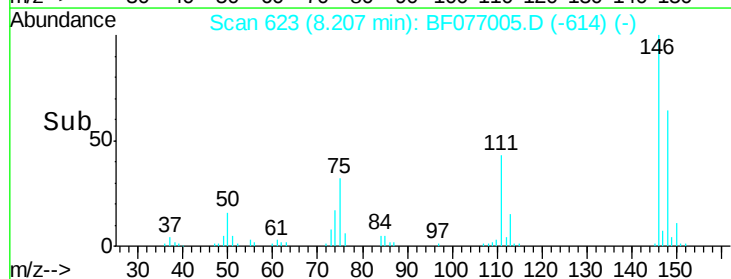
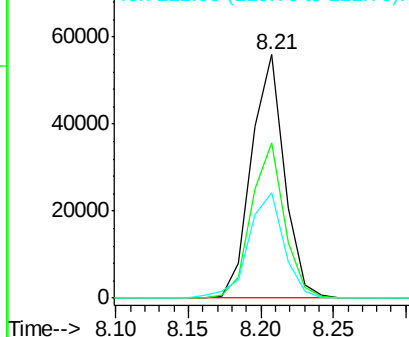


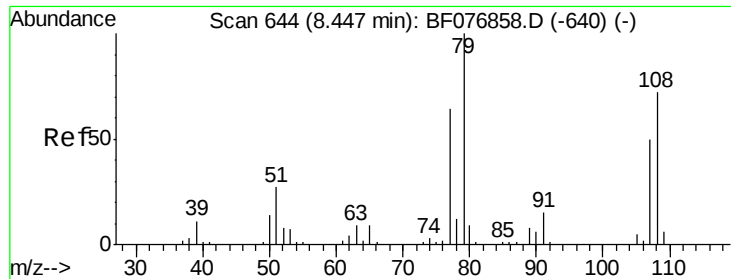
#14
 1,2-Dichlorobenzene
 Concen: 36.40 ng
 RT: 8.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:146 Resp: 87918
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.3 76.9
 111 43.2 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 36.80 ng

RT: 8.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

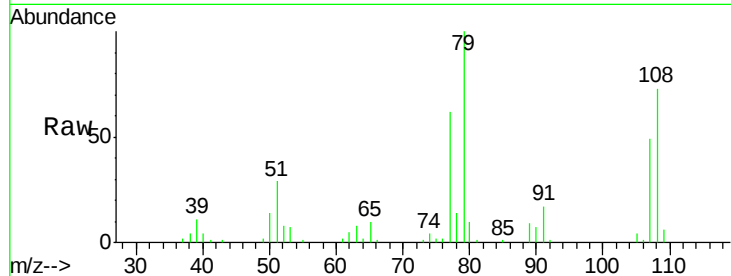
Tot Ion: 79 Resp: 70799

Ion Ratio Lower Upper

79 100

108 73.1 57.2 85.8

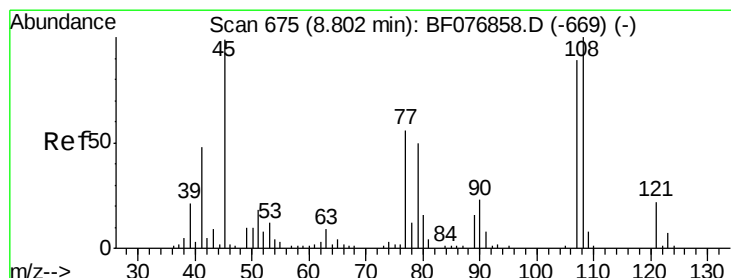
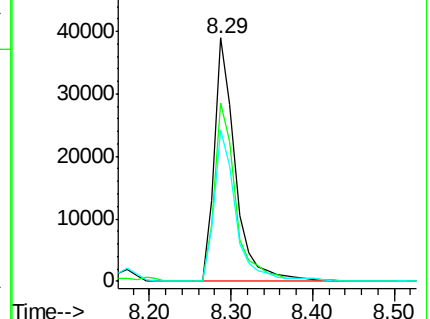
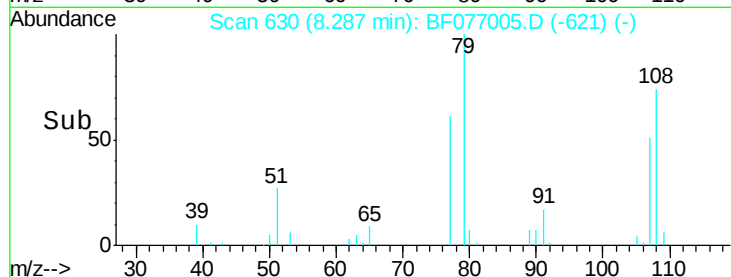
77 62.2 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.81 ng

RT: 8.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

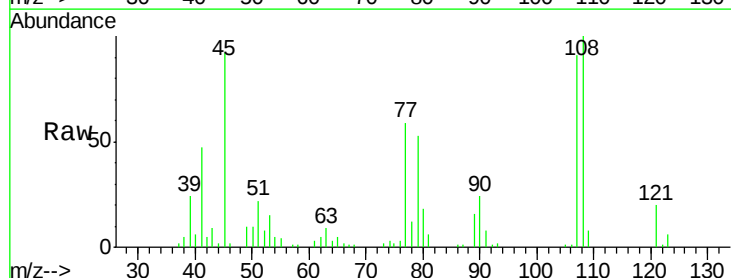
Tgt Ion: 45 Resp: 97733

Ion Ratio Lower Upper

45 100

77 64.2 36.1 76.1

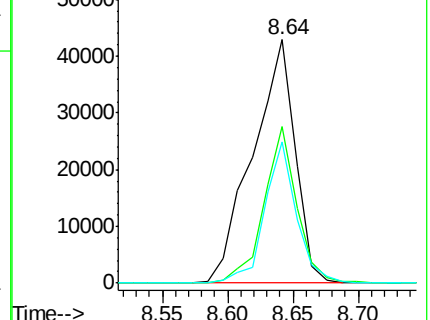
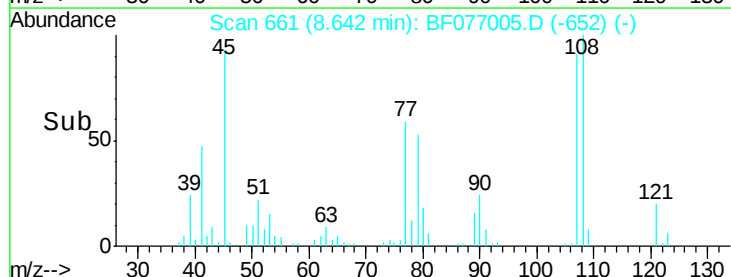
79 57.8 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.47 ng

RT: 8.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

Tot Ion:107 Resp: 66525

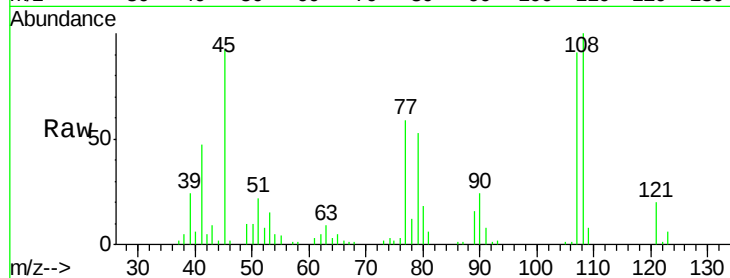
Ion Ratio Lower Upper

107 100

108 109.7 89.7 134.5

77 65.1 50.1 75.1

79 58.6 45.0 67.6

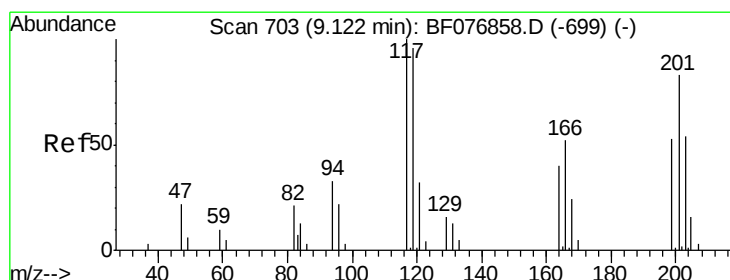
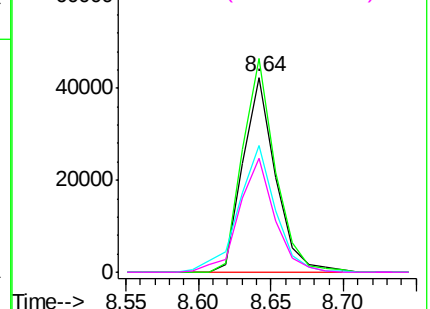
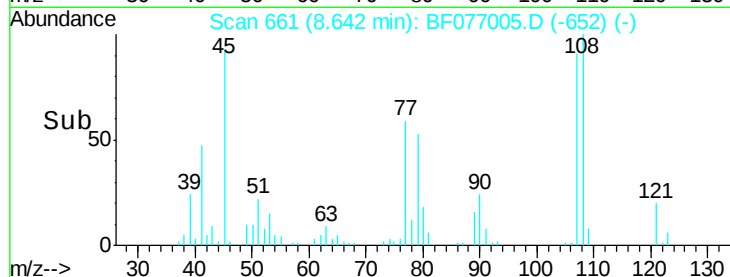


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.66 ng

RT: 8.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

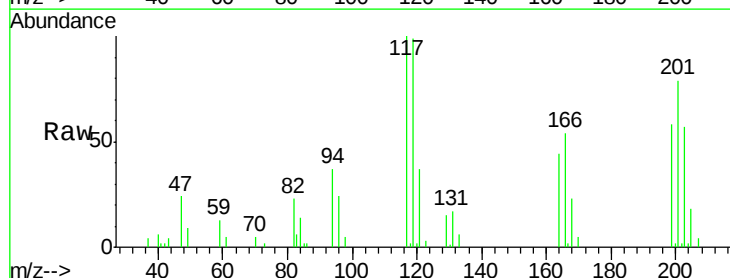
Tgt Ion:117 Resp: 32507

Ion Ratio Lower Upper

117 100

119 98.7 77.1 115.7

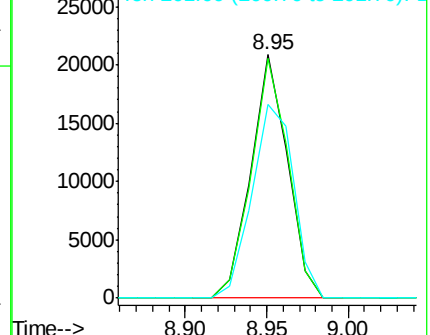
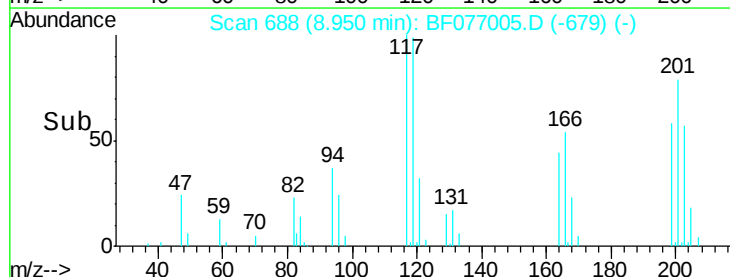
201 79.4 66.8 100.2

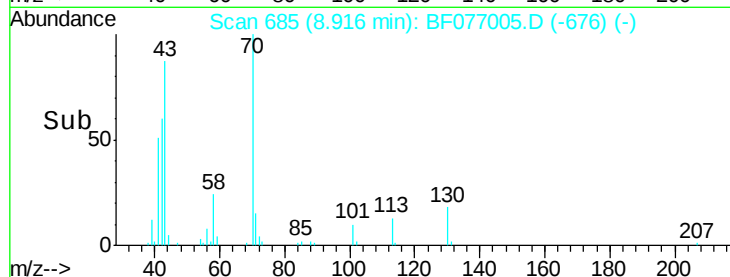
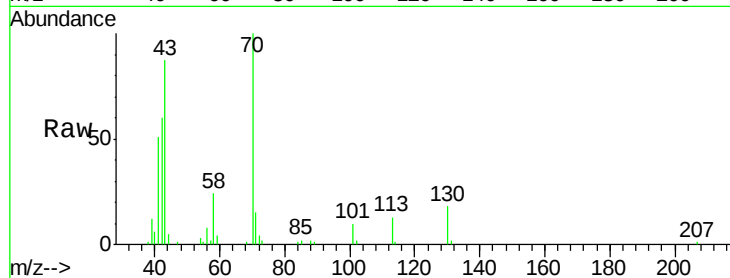
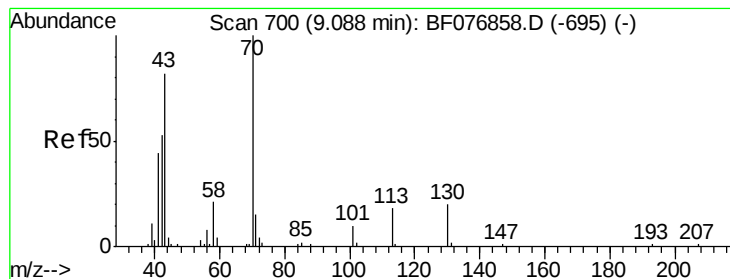


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.41 ng

RT: 8.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

Tot Ion: 70 Resp: 58934

Ion Ratio Lower Upper

70 100

42 60.0 42.1 63.1

101 10.5 7.8 11.8

130 18.3 16.2 24.4

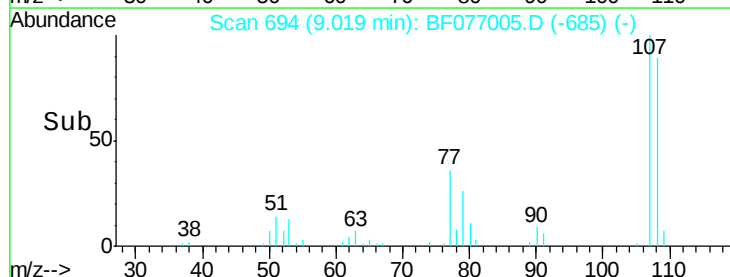
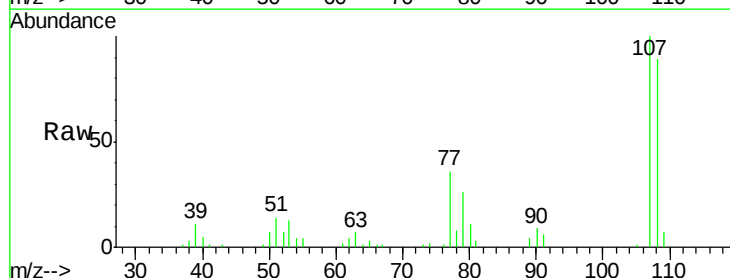
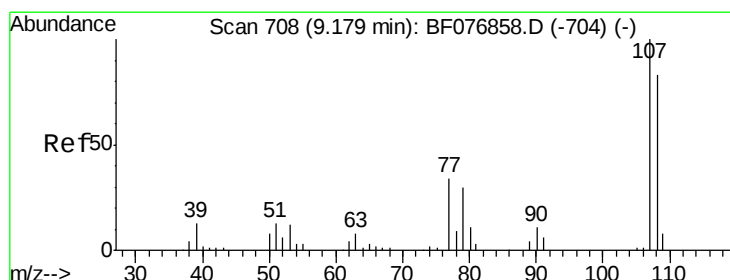
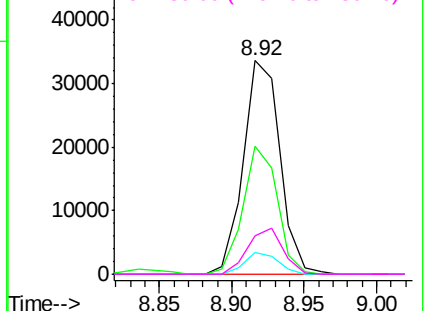
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 35.65 ng

RT: 9.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Tgt Ion: 107 Resp: 83807

Ion Ratio Lower Upper

107 100

108 89.1 63.5 103.5

77 36.1 14.0 54.0

79 25.7 9.9 49.9

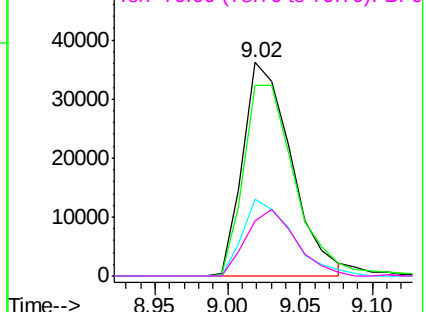
Abundance

Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

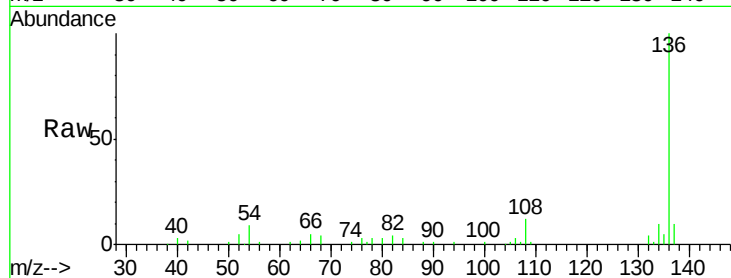




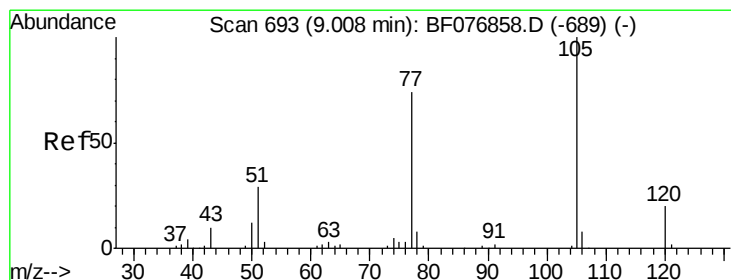
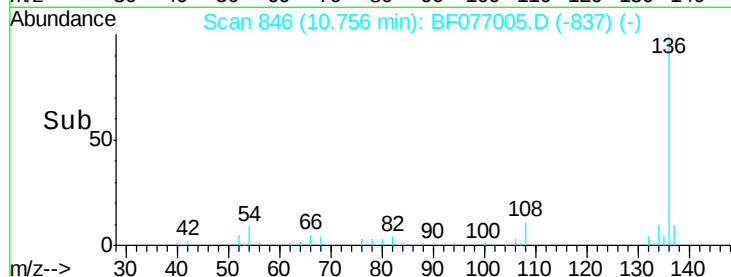
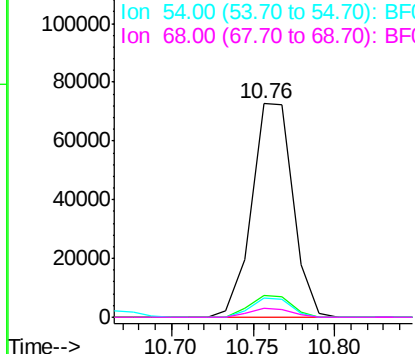
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB81398BS

Tot Ion:136	Resp:	127741
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.1	12.1
54 9.0	7.0	10.4
68 4.0	3.7	5.5

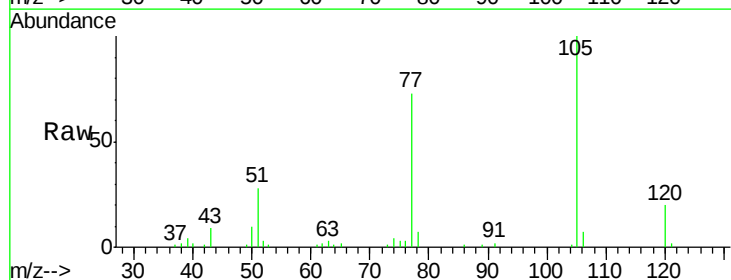


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

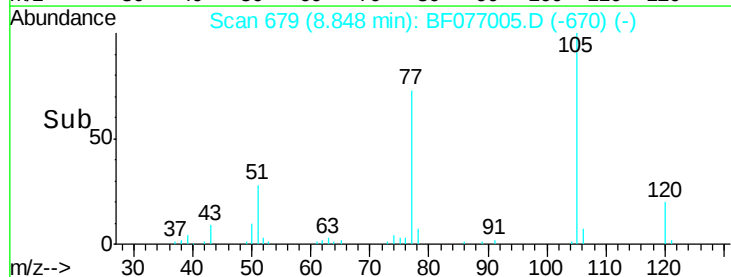
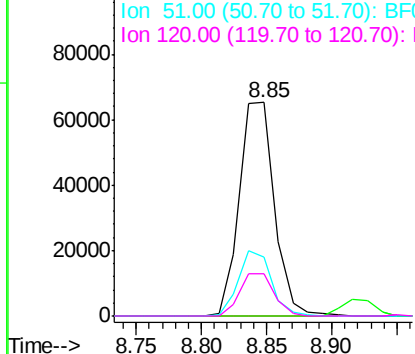


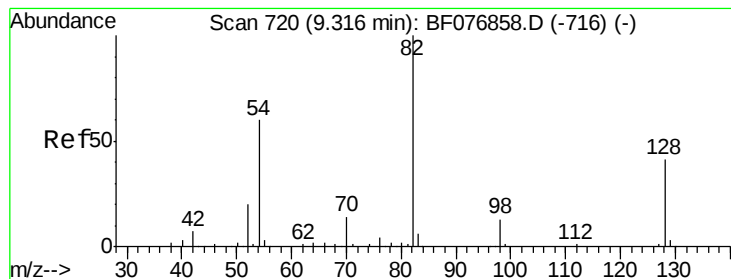
#22
Acetophenone
Concen: 39.20 ng
RT: 8.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion	Ion:105	Resp:	122656
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	27.6	23.3	34.9
120	19.7	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.01 ng

RT: 9.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampled :

PB81398BS

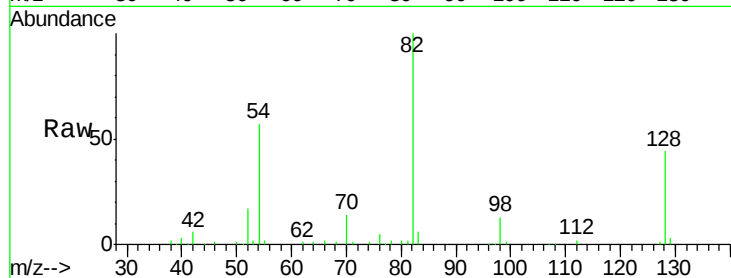
Tot Ion: 82 Resp: 182180

Ion Ratio Lower Upper

82 100

128 43.6 33.1 49.7

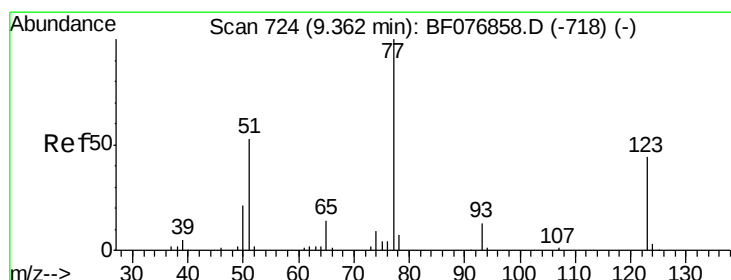
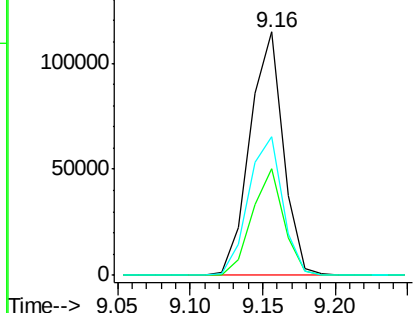
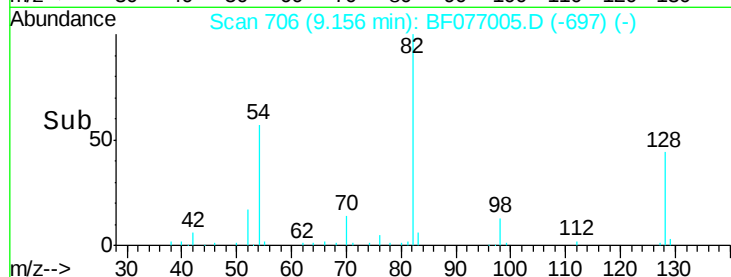
54 57.1 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.58 ng

RT: 9.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

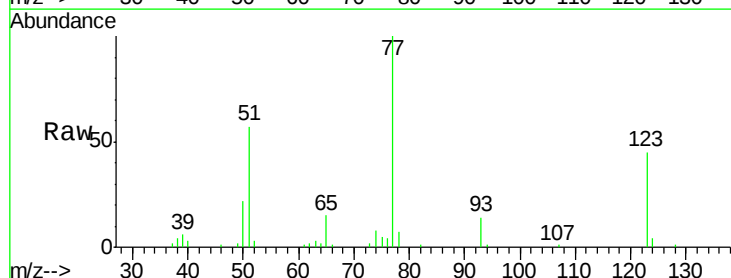
Tgt Ion: 77 Resp: 88262

Ion Ratio Lower Upper

77 100

123 45.1 35.2 52.8

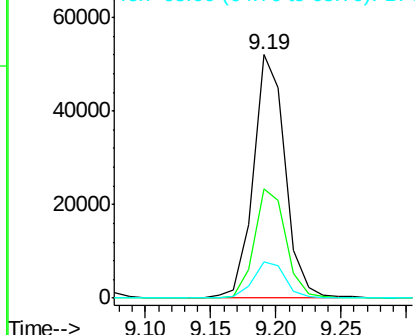
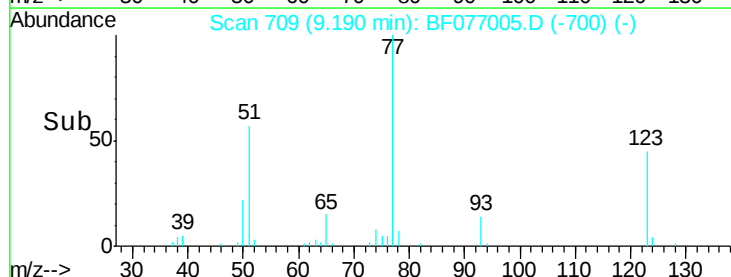
65 15.0 11.4 17.2

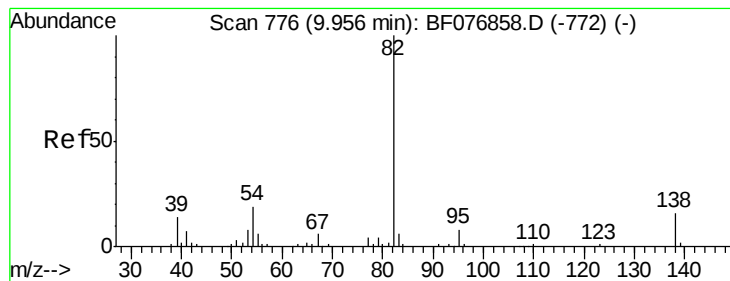


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.79 ng

RT: 9.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

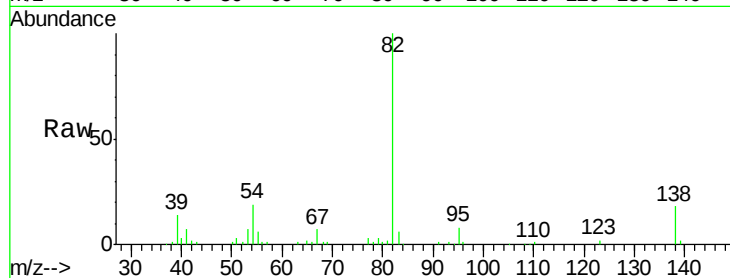
Tot Ion: 82 Resp: 158680

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

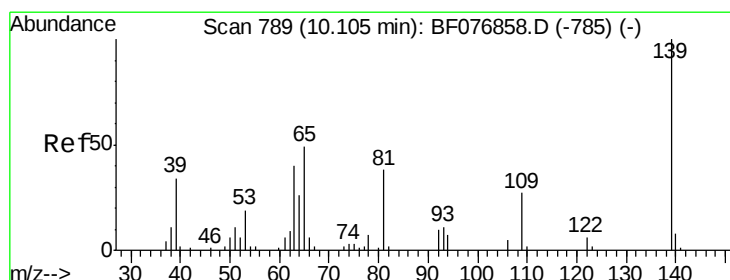
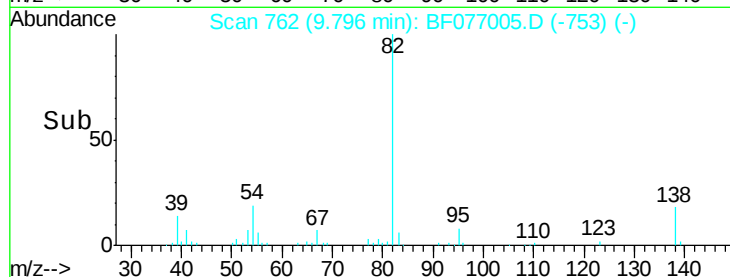
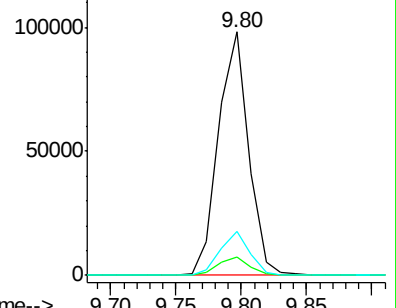
138 18.1 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-772) (-)

Ion 95.00 (94.70 to 95.70): BF076858.D (-772) (-)

Ion 138.00 (137.70 to 138.70): BF076858.D (-772) (-)



#26

2-Nitrophenol

Concen: 36.58 ng

RT: 9.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

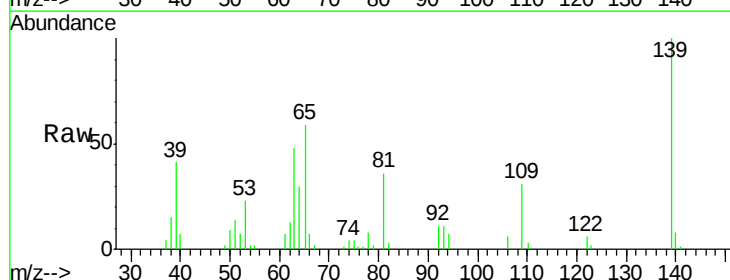
Tgt Ion: 139 Resp: 43470

Ion Ratio Lower Upper

139 100

109 31.1 21.3 31.9

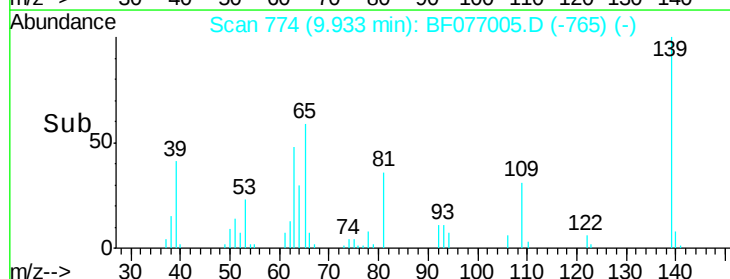
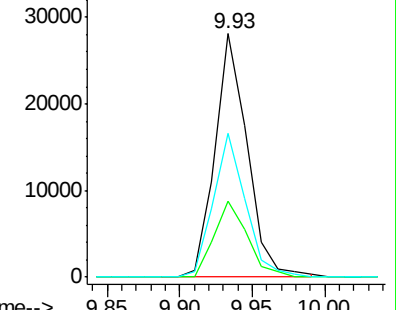
65 59.1 39.4 59.0#

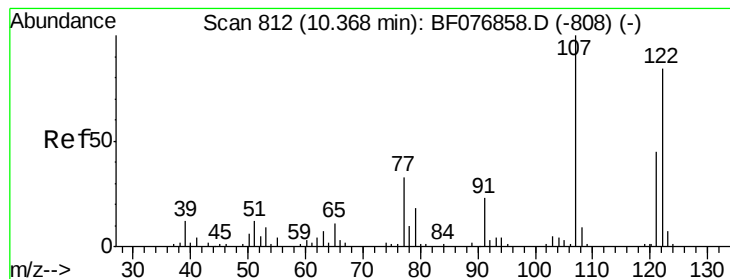


Abundance Ion 139.00 (138.70 to 139.70): BF076858.D (-785) (-)

Ion 109.00 (108.70 to 109.70): BF076858.D (-785) (-)

Ion 65.00 (64.70 to 65.70): BF076858.D (-785) (-)





#27

2,4-Dimethylphenol

Concen: 41.16 ng

RT: 10.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

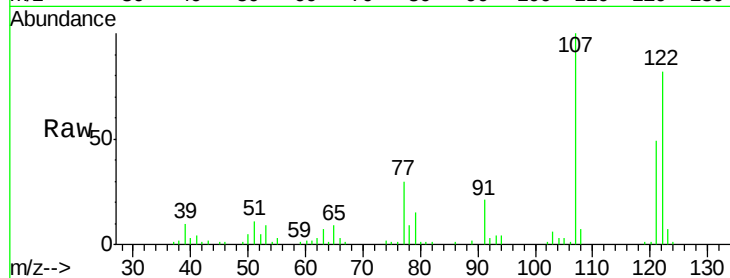
Tot Ion:122 Resp: 74764

Ion Ratio Lower Upper

122 100

107 121.2 95.2 142.8

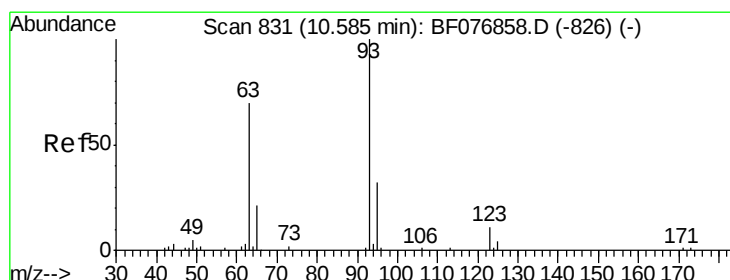
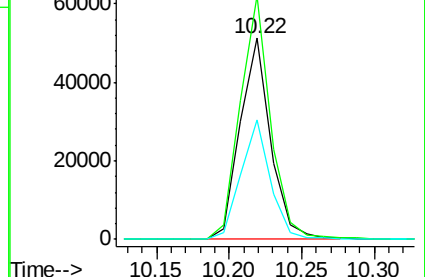
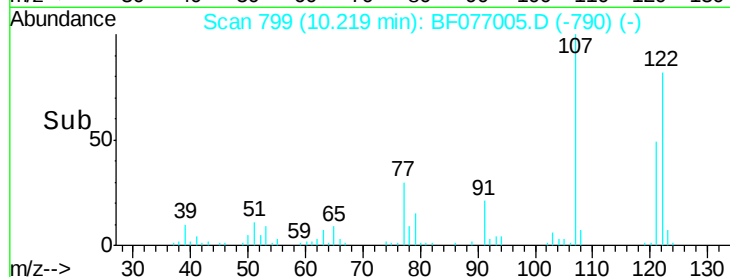
121 59.5 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.90 ng

RT: 10.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

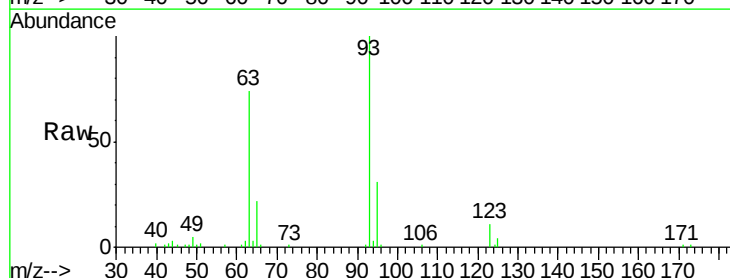
Tgt Ion: 93 Resp: 97612

Ion Ratio Lower Upper

93 100

95 31.4 25.6 38.4

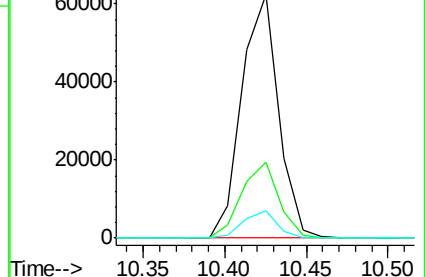
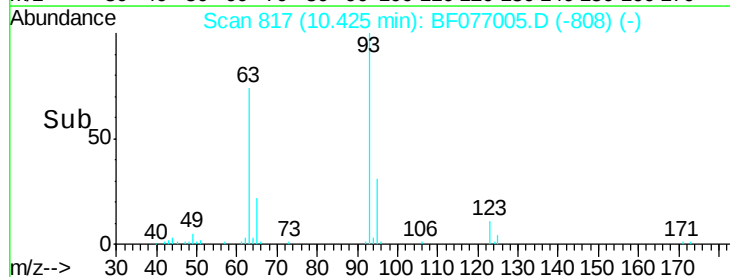
123 11.5 8.9 13.3

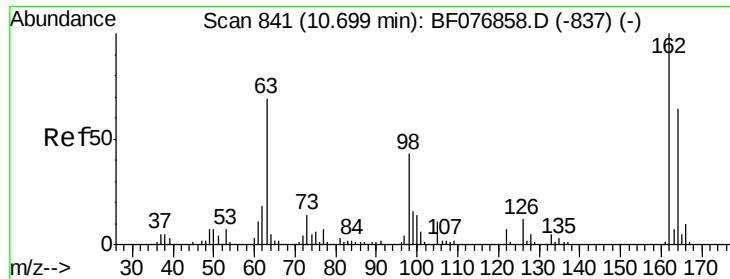


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

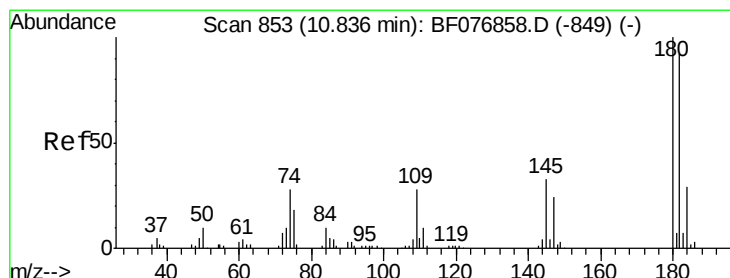
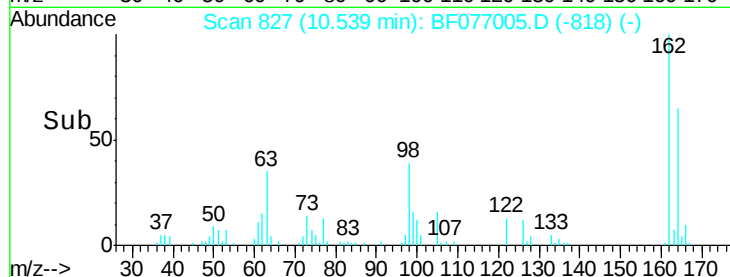
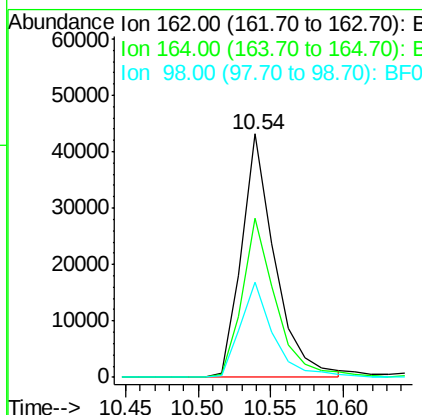
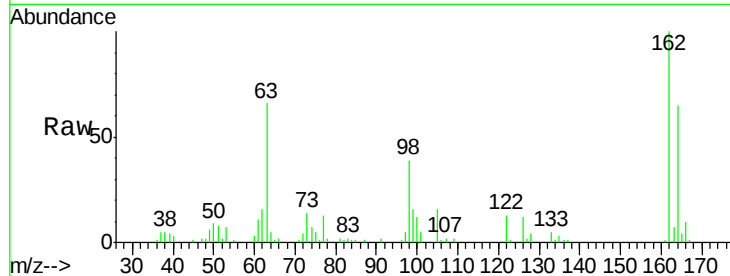




#29
 2,4-Dichlorophenol
 Concen: 40.76 ng
 RT: 10.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

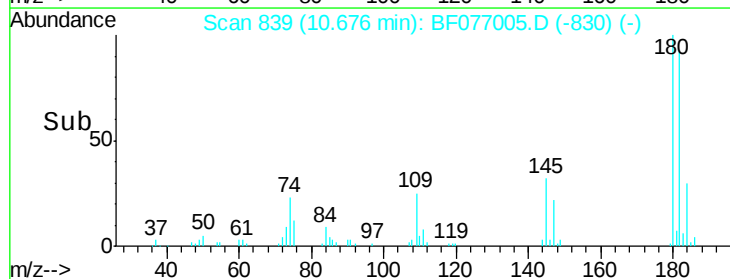
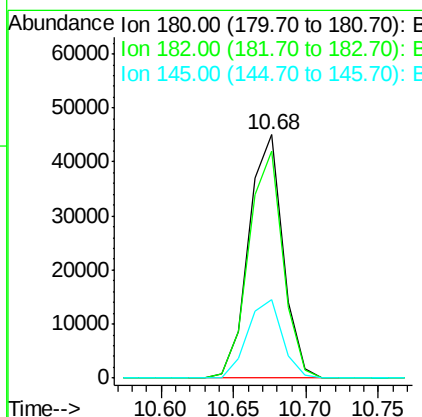
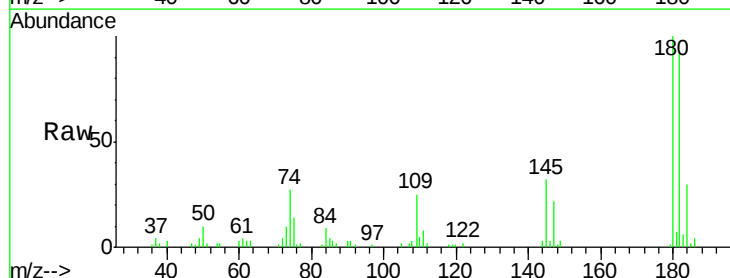
Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

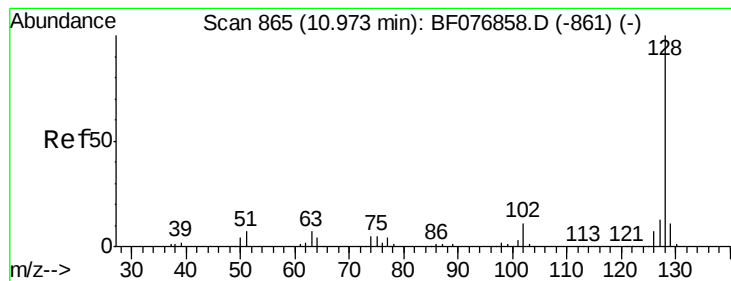
Tot Ion:162 Resp: 69009
 Ion Ratio Lower Upper
 162 100
 164 65.2 43.8 83.8
 98 38.9 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.07 ng
 RT: 10.68 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:180 Resp: 73471
 Ion Ratio Lower Upper
 180 100
 182 93.2 73.6 110.4
 145 32.1 26.6 39.8





#31

Naphthalene

Concen: 37.10 ng

RT: 10.81 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

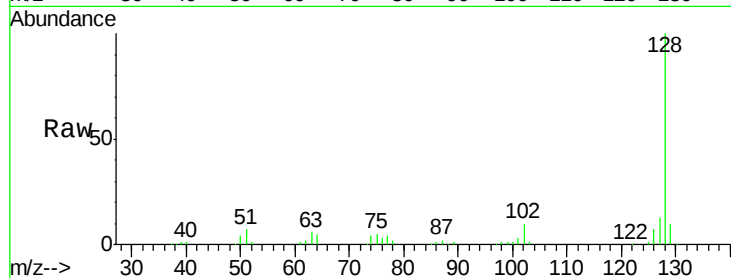
Tot Ion:128 Resp: 244003

Ion Ratio Lower Upper

128 100

129 9.6 9.0 13.6

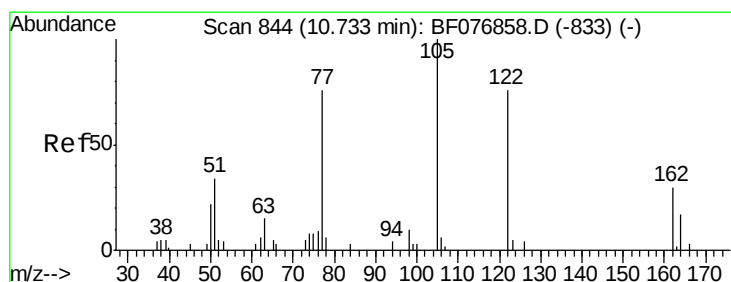
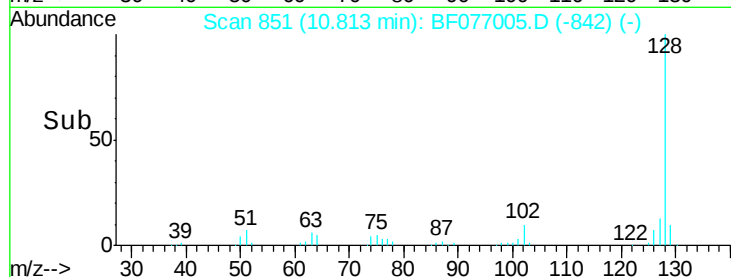
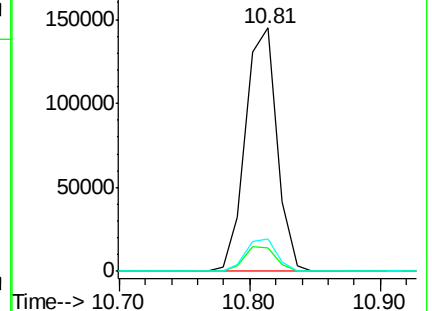
127 13.4 10.2 15.2



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: 36.65 ng m

RT: 10.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

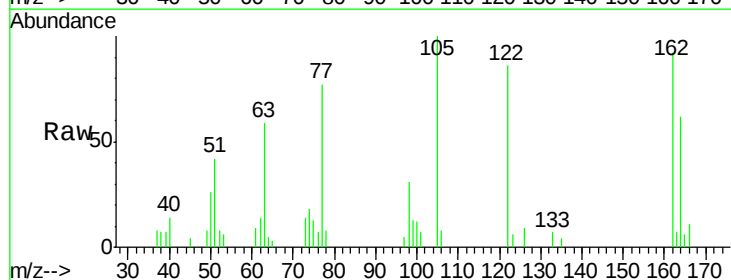
Tgt Ion:122 Resp: 36881

Ion Ratio Lower Upper

122 100

105 116.3 111.3 151.3

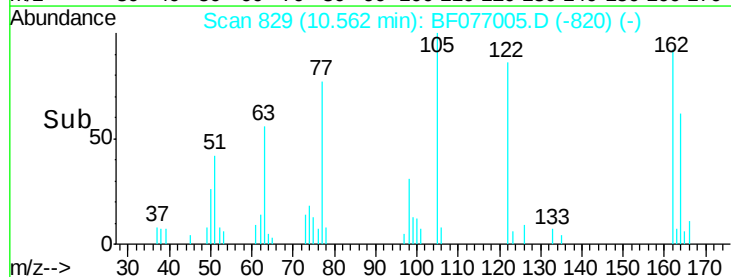
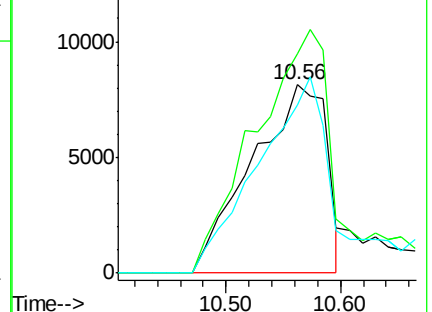
77 89.3 79.2 119.2



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

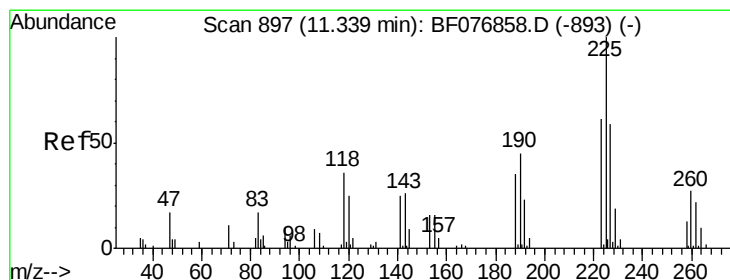
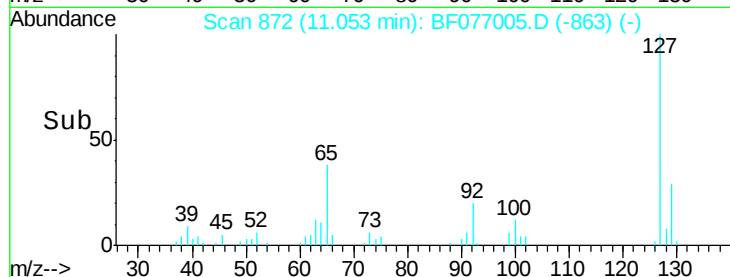
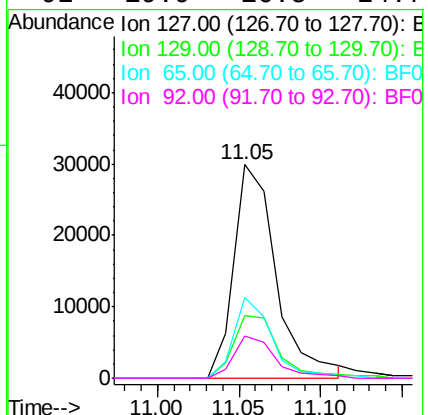
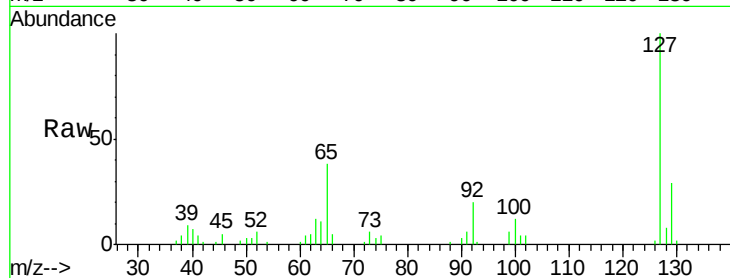




#33
4-Chloroaniline
Concen: 20.32 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

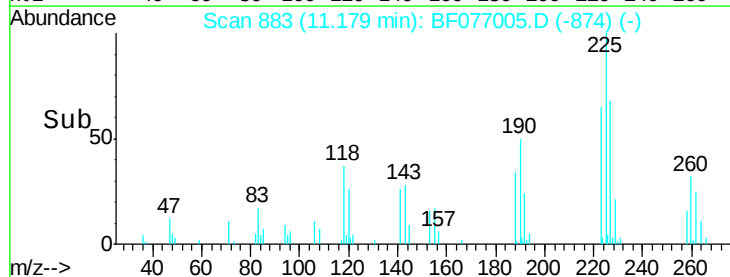
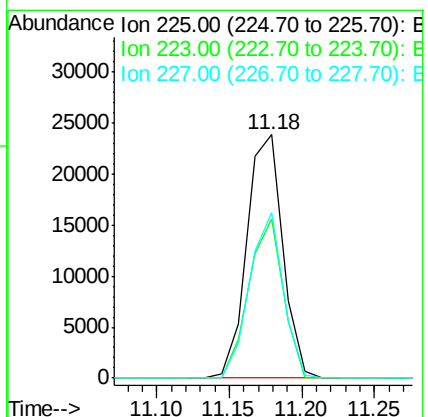
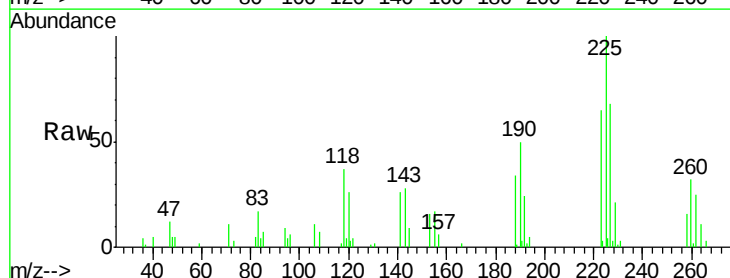
Instrument :
BNA_F
ClientSampleId :
PB81398BS

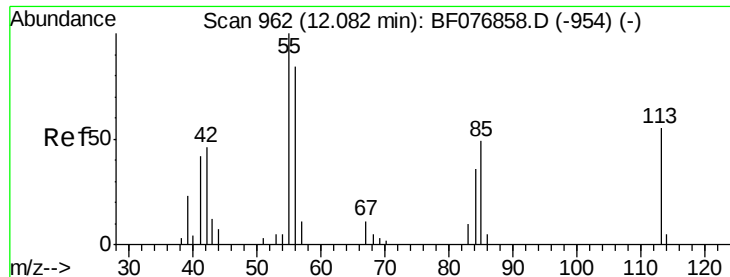
Tot Ion:	127	Resp:	54010
Ion	Ratio	Lower	Upper
127	100		
129	29.3	25.3	37.9
65	38.0	27.8	41.6
92	19.9	16.5	24.7



#34
Hexachlorobutadiene
Concen: 36.65 ng
RT: 11.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:	225	Resp:	40892
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.1	73.7
227	67.9	47.5	71.3

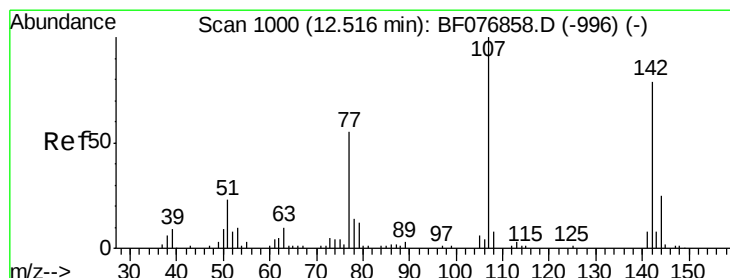
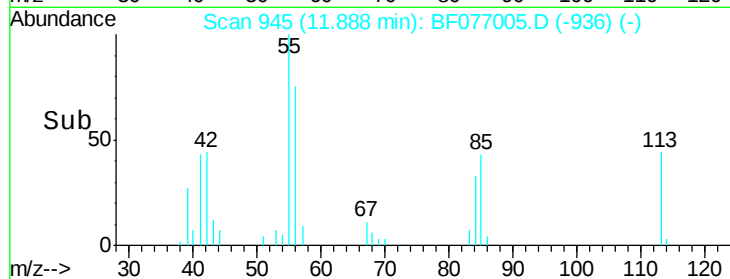
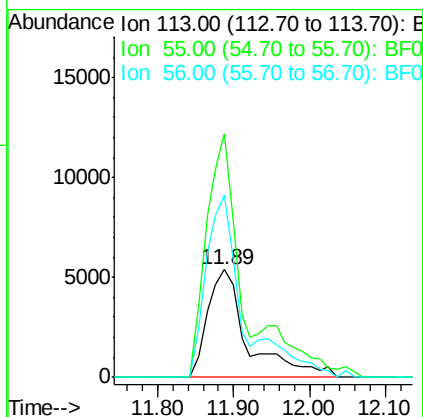
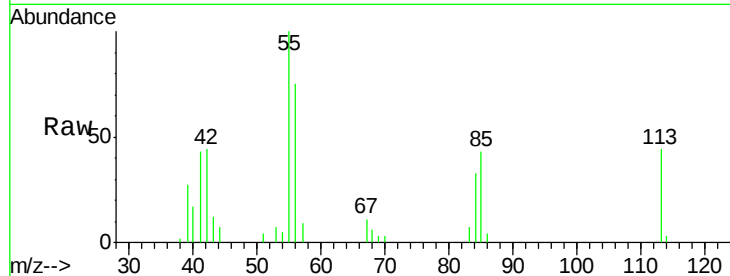




#35
Caprolactam
Concen: 39.69 ng/ml
RT: 11.89 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

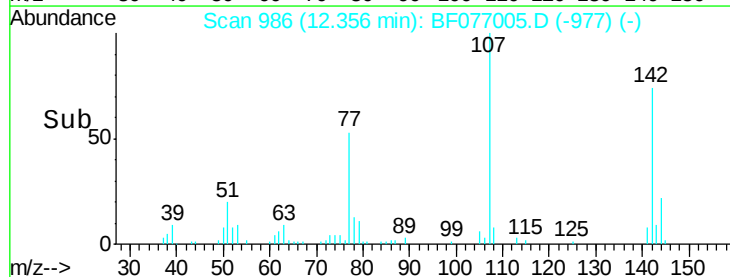
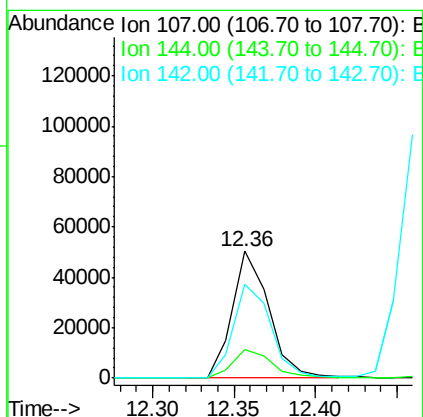
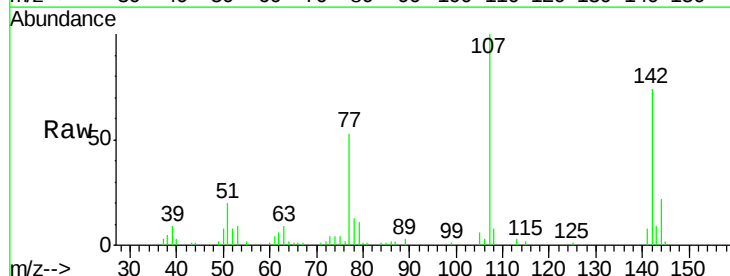
Instrument :
BNA_F
ClientSampleID :
PB81398BS

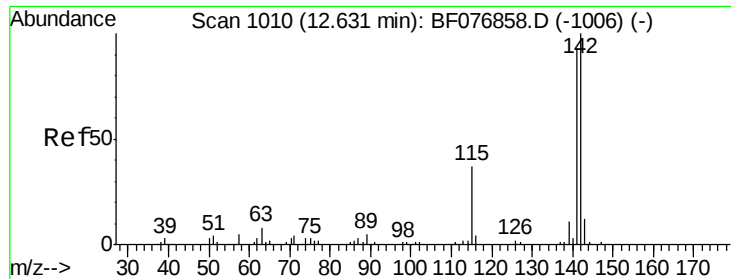
Tot Ion:113 Resp: 19782
Ion Ratio Lower Upper
113 100
55 226.4 162.1 202.1#
56 168.9 133.7 173.7



#36
4-Chloro-3-methylphenol
Concen: 40.41 ng
RT: 12.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:107 Resp: 78332
Ion Ratio Lower Upper
107 100
144 22.4 20.0 30.0
142 74.4 63.5 95.3

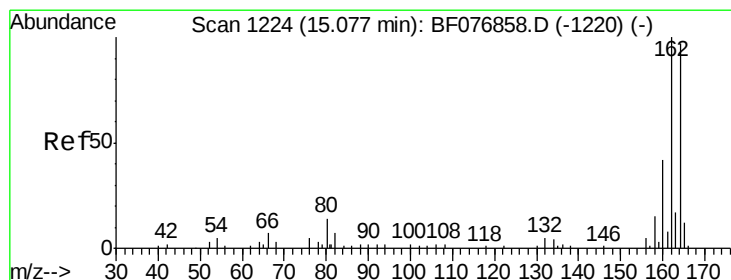
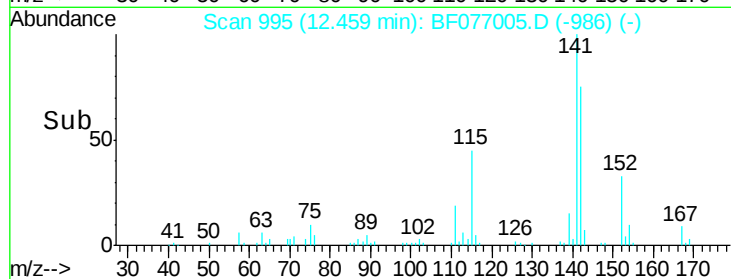
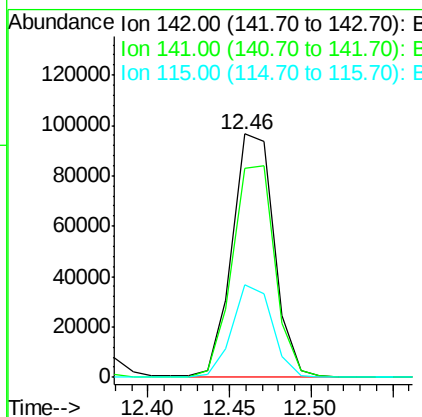
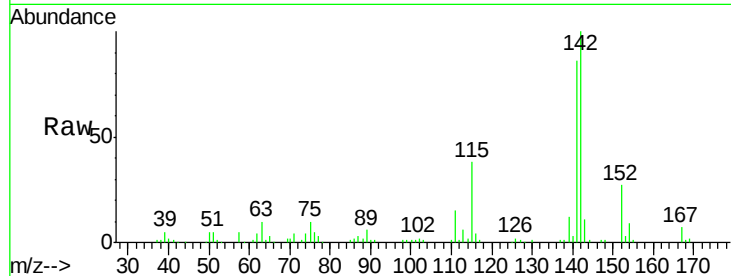




#37
2-Methylnaphthalene
Concen: 38.37 ng
RT: 12.46 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

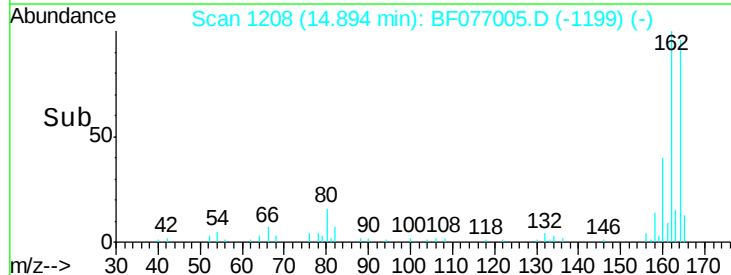
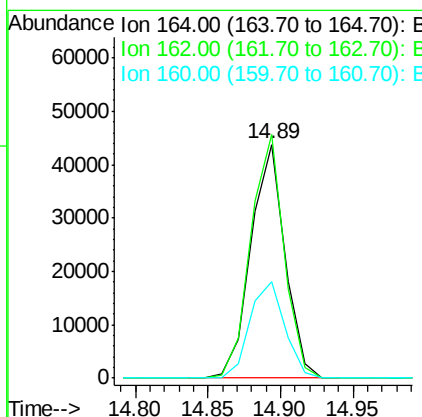
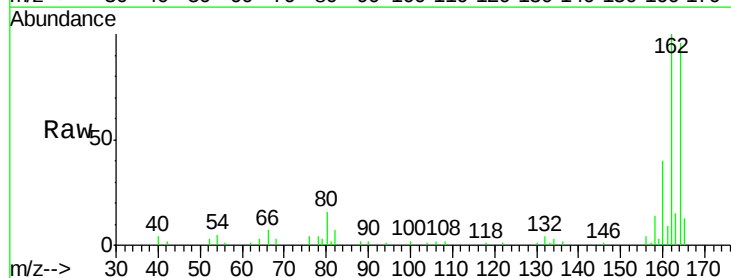
Instrument :
BNA_F
ClientSampleId :
PB81398BS

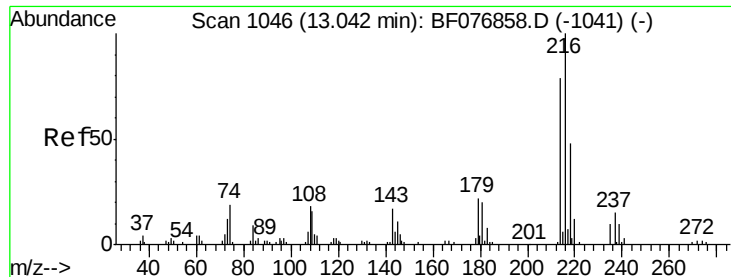
Tot Ion:142 Resp: 172352
Ion Ratio Lower Upper
142 100
141 85.7 74.5 111.7
115 38.0 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:164 Resp: 71276
Ion Ratio Lower Upper
164 100
162 104.2 82.4 123.6
160 41.2 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.82 ng

RT: 12.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

Tot Ion:216 Resp: 66651

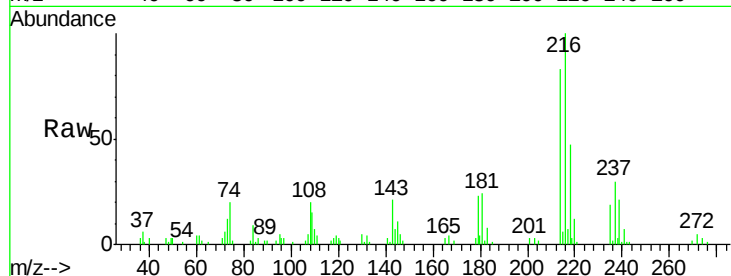
Ion Ratio Lower Upper

216 100

214 80.0 64.9 97.3

179 23.8 18.6 28.0

108 24.0 18.1 27.1

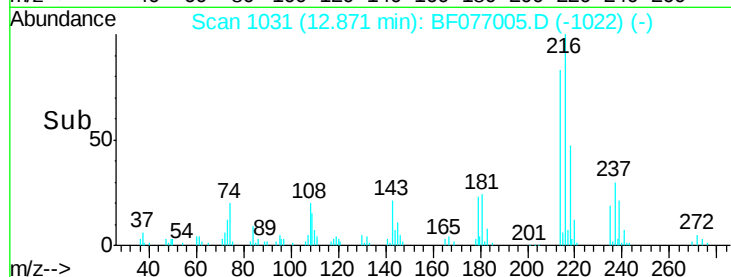


Abundance Ion 216.00 (215.70 to 216.70): E

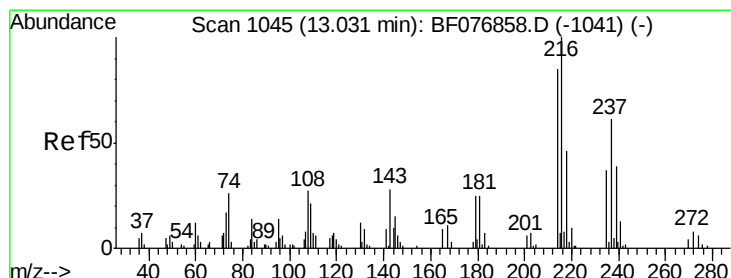
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 76.34 ng

RT: 12.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

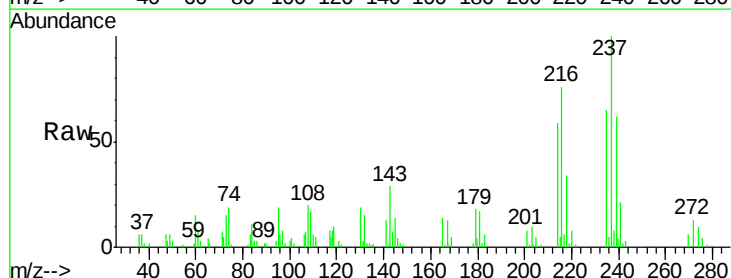
Tgt Ion:237 Resp: 72206

Ion Ratio Lower Upper

237 100

235 65.3 40.4 80.4

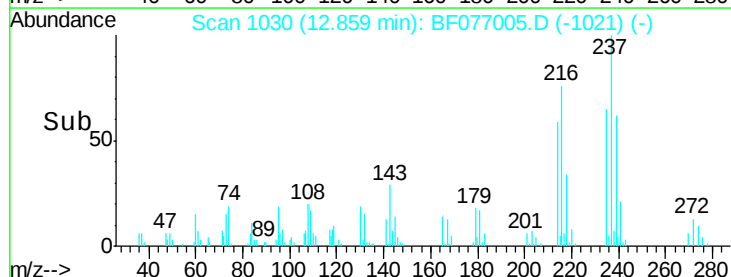
272 13.4 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 126.37 ng

RT: 16.59 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

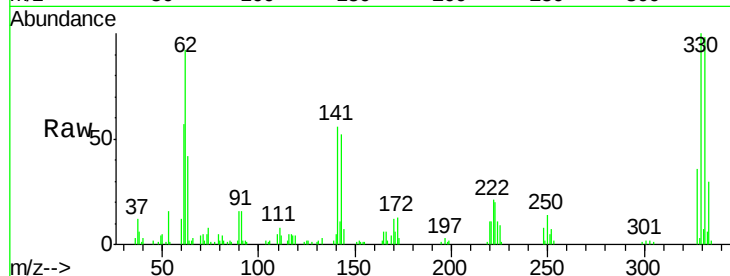
Tot Ion:330 Resp: 73112

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

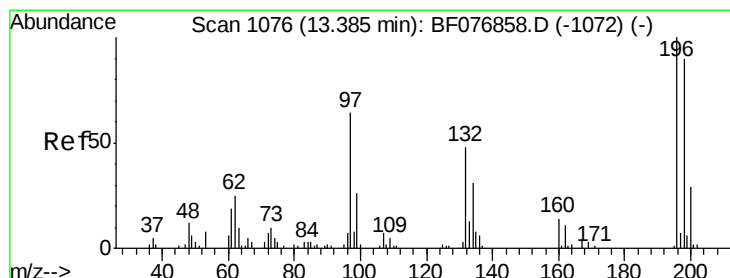
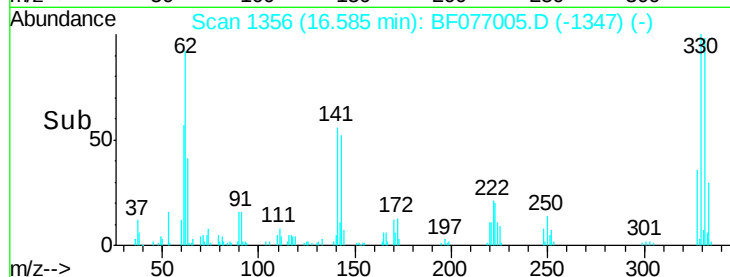
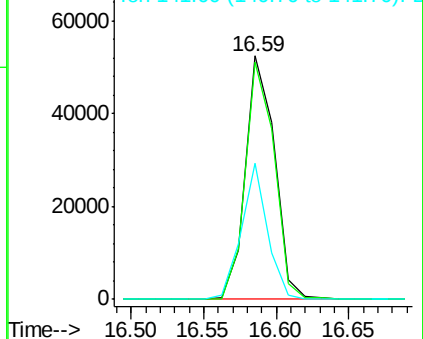
141 49.7 38.5 57.7



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.70 ng

RT: 13.21 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

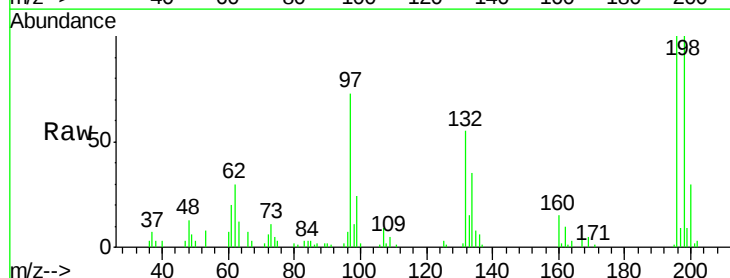
Tgt Ion:196 Resp: 47116

Ion Ratio Lower Upper

196 100

198 100.2 72.0 108.0

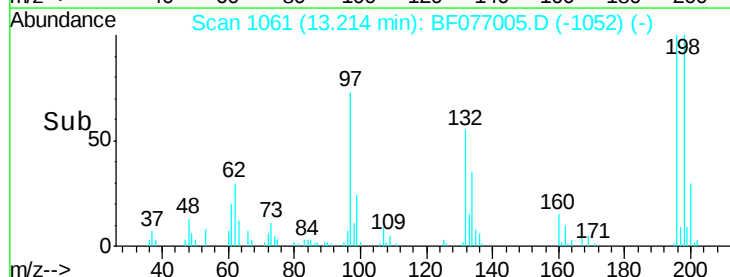
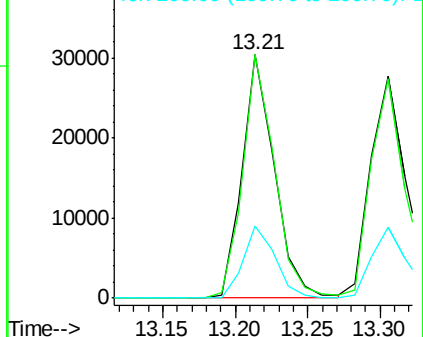
200 29.6 23.4 35.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

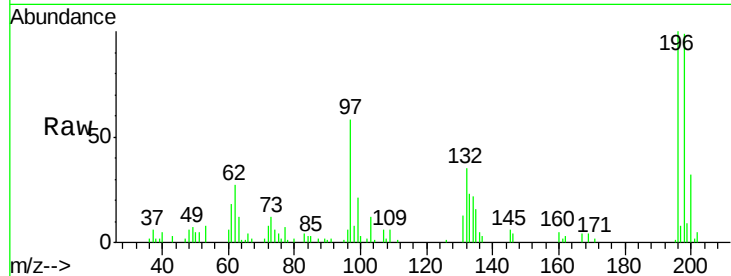




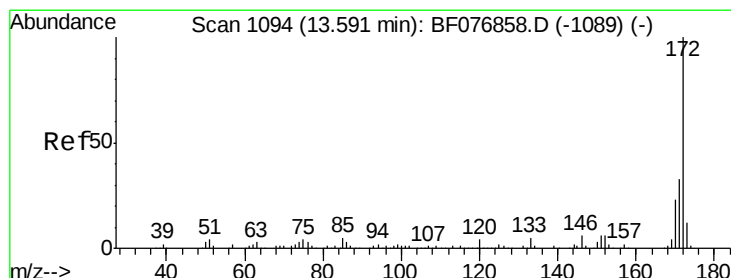
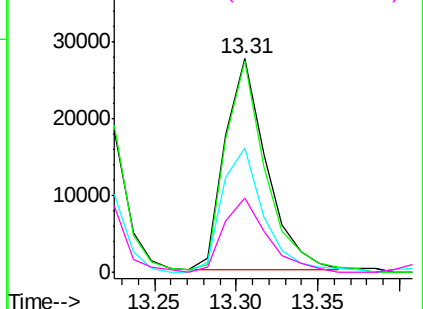
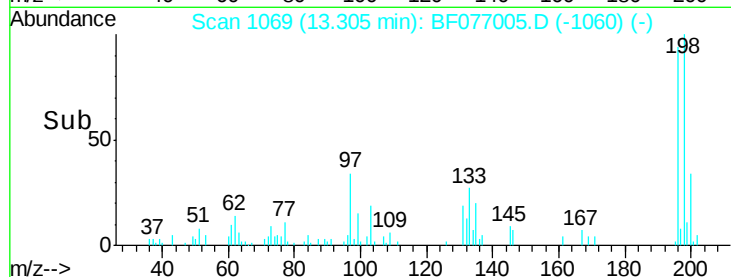
#43
 2,4,5-Trichlorophenol
 Concen: 36.96 ng
 RT: 13.31 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

Tot Ion:196 Resp: 48401
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.6 115.0
 97 58.0 43.4 65.0
 132 35.1 23.7 35.5

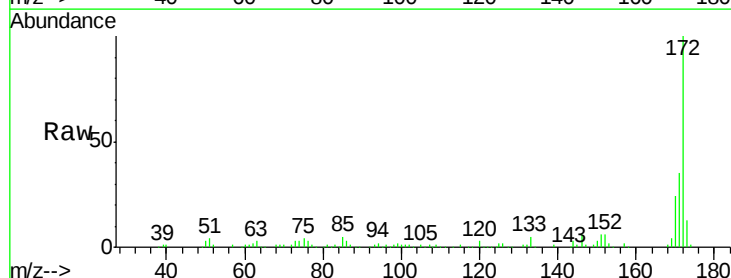


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

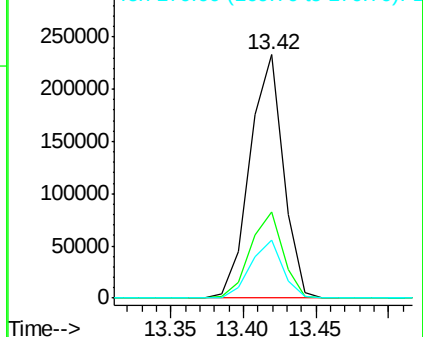
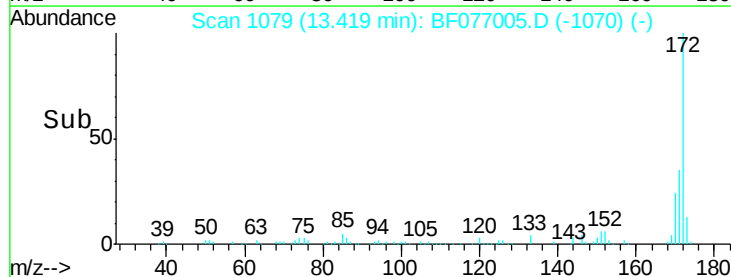


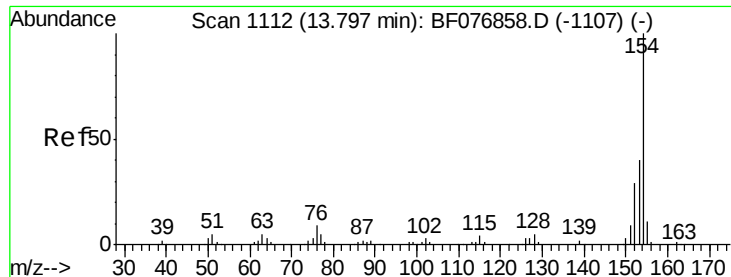
#44
 2-Fluorobiphenyl
 Concen: 79.61 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:172 Resp: 372880
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.6 40.0
 170 23.7 18.0 27.0



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

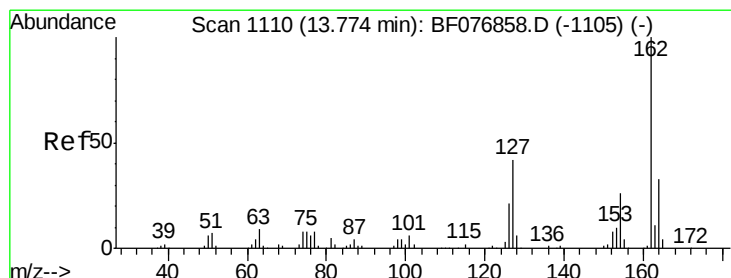
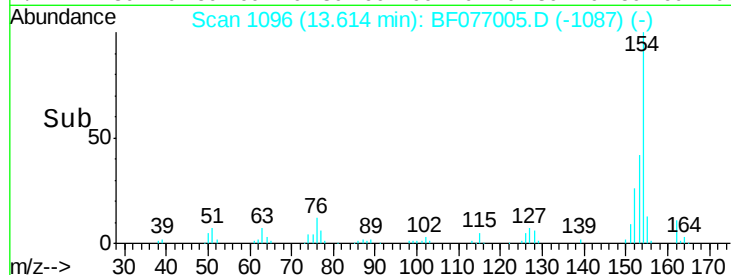
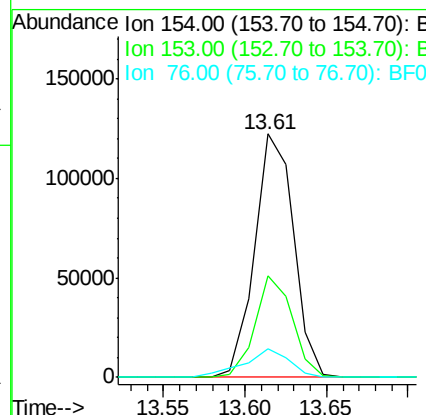
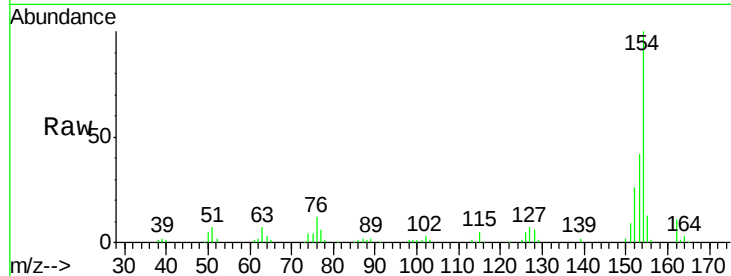




#45
 1,1'-Biphenyl
 Concen: 38.61 ng
 RT: 13.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

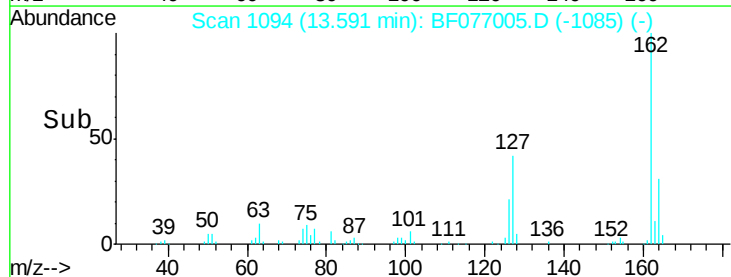
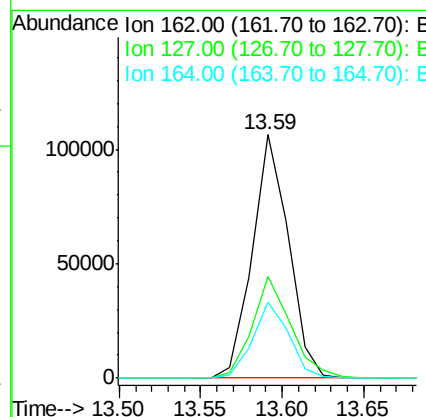
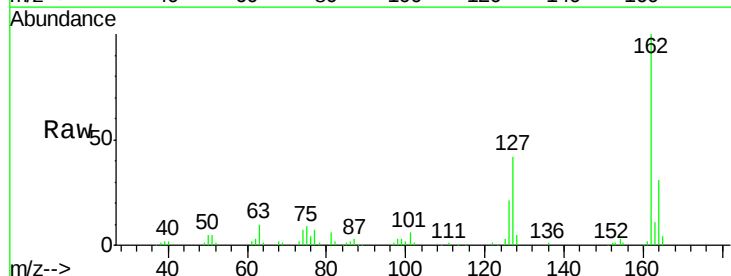
Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

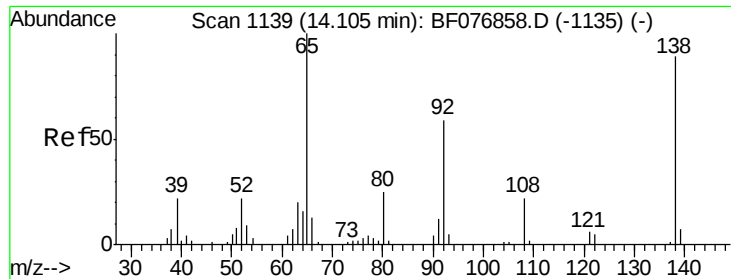
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.2	60.2
76	11.7	0.0	29.0



#46
 2-Chloronaphthalene
 Concen: 37.63 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.8	50.6
164	31.1	26.8	40.2





#47

2-Nitroaniline

Concen: 40.09 ng

RT: 13.93 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

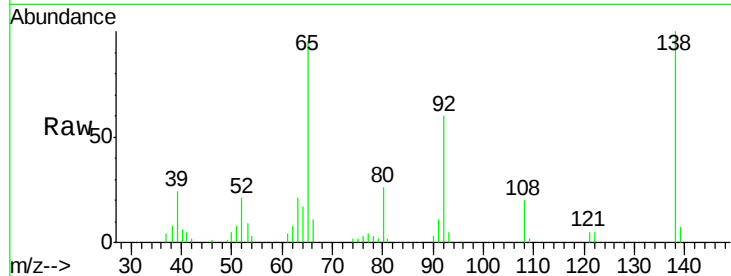
Tot Ion: 65 Resp: 52876

Ion Ratio Lower Upper

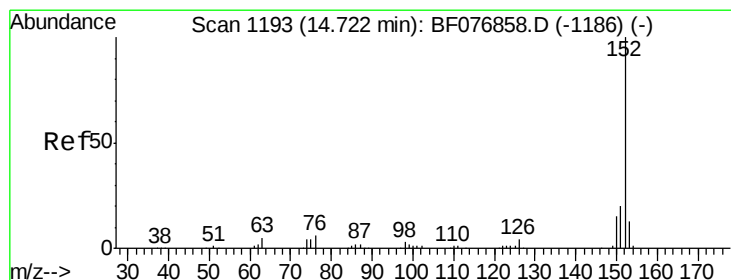
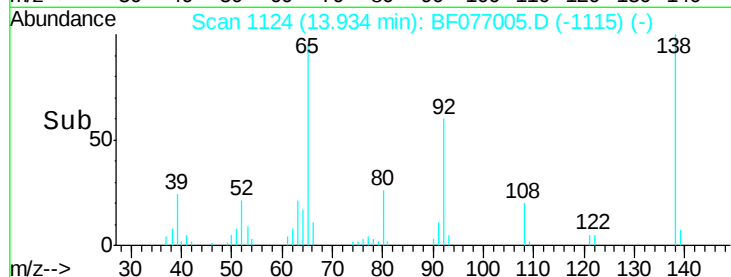
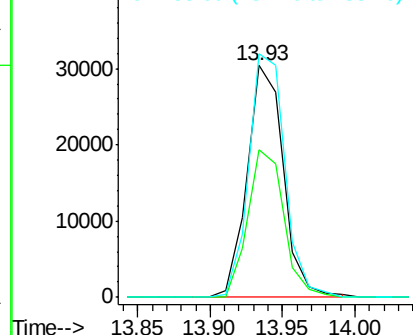
65 100

92 63.4 47.3 70.9

138 105.0 71.4 107.2



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



#48

Acenaphthylene

Concen: 36.26 ng

RT: 14.54 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

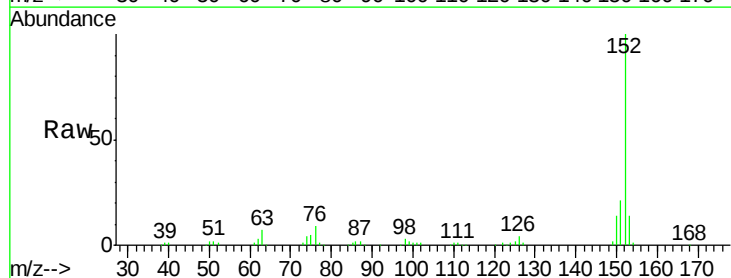
Tgt Ion: 152 Resp: 265949

Ion Ratio Lower Upper

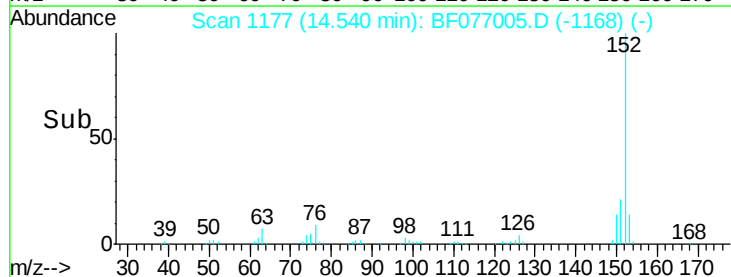
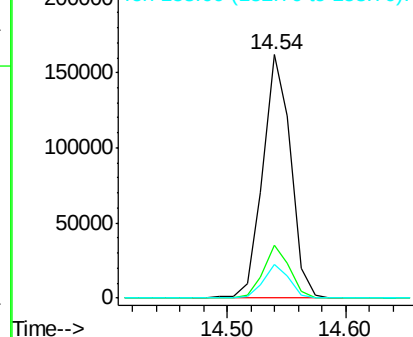
152 100

151 21.5 15.9 23.9

153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.32 ng

RT: 14.49 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

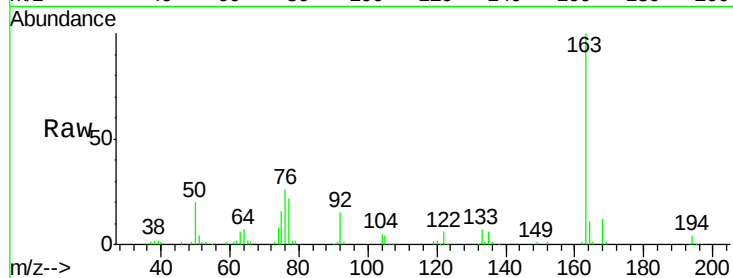
Tot Ion:163 Resp: 193705

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

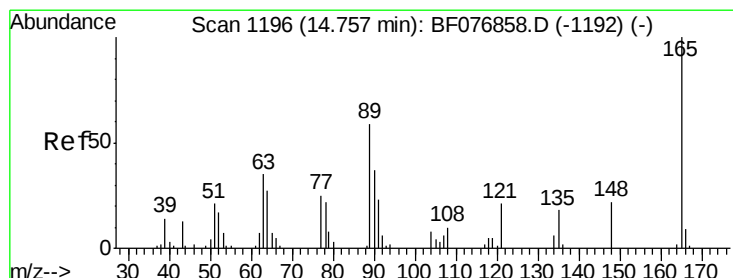
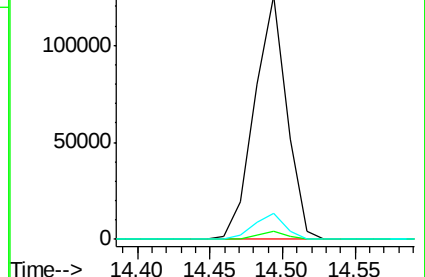
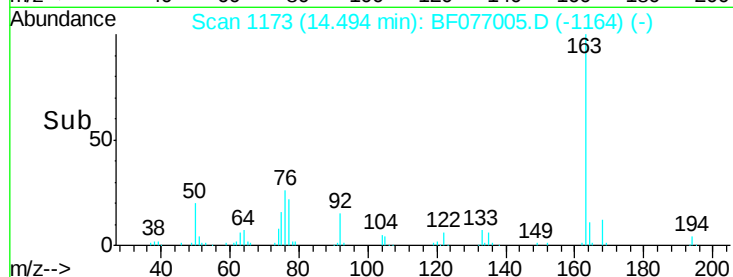
164 10.5 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.02 ng

RT: 14.59 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

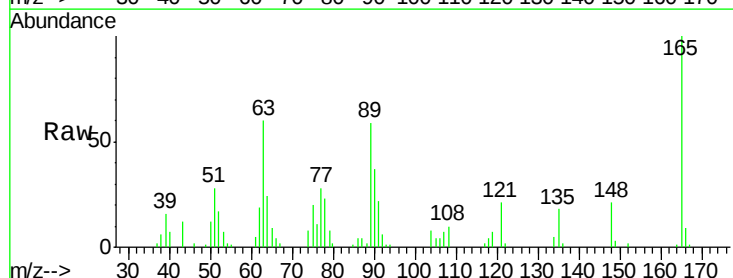
Tgt Ion:165 Resp: 42434

Ion Ratio Lower Upper

165 100

63 59.8 48.1 72.1

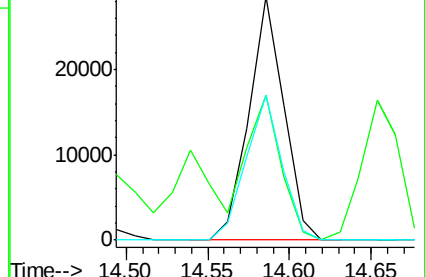
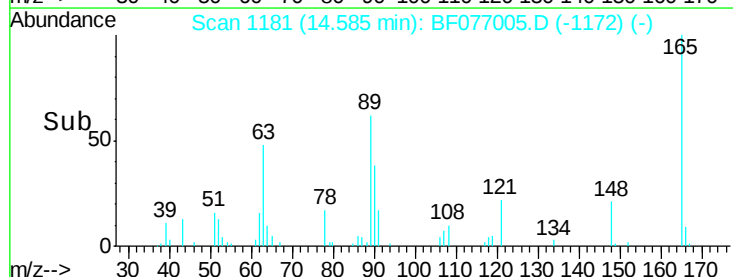
89 59.5 47.2 70.8

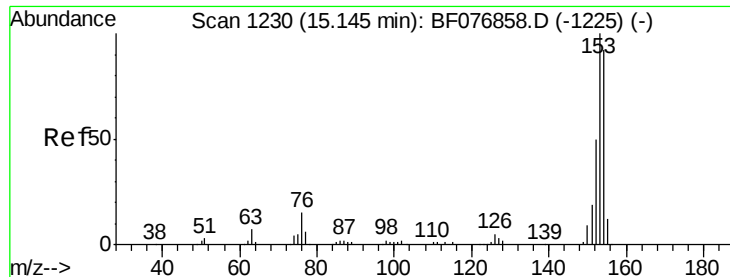


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.35 ng

RT: 14.96 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

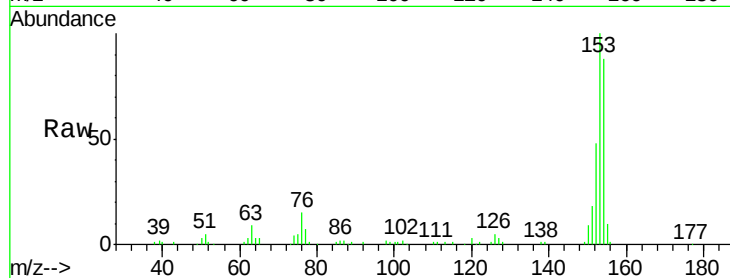
Tot Ion:154 Resp: 151260

Ion Ratio Lower Upper

154 100

153 113.1 87.0 130.6

152 54.2 43.5 65.3



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

120000

100000

80000

60000

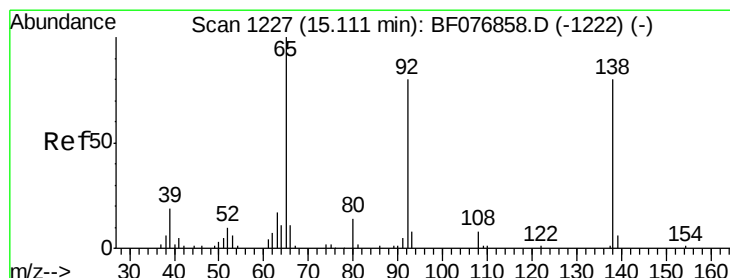
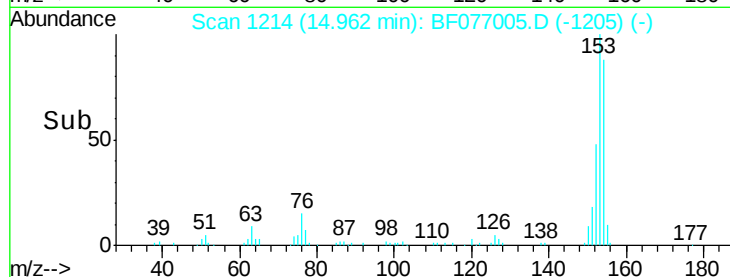
40000

20000

0

14.90 14.95 15.00

Time-->



#52

3-Nitroaniline

Concen: 25.73 ng

RT: 14.93 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

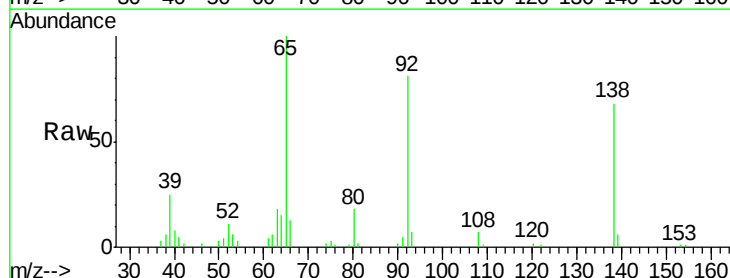
Tgt Ion:138 Resp: 32773

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

92 118.2 80.9 121.3



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

30000

25000

20000

15000

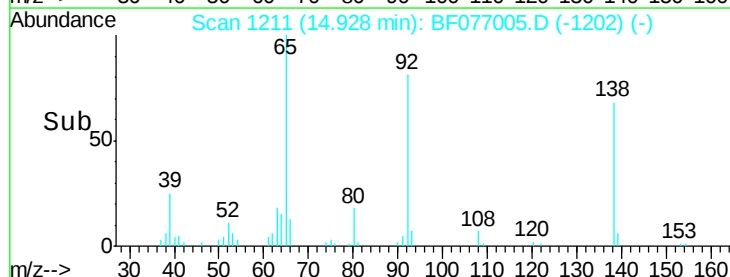
10000

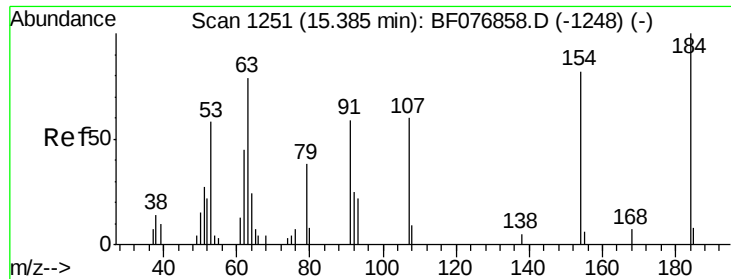
5000

0

14.85 14.90 14.95 15.00

Time-->

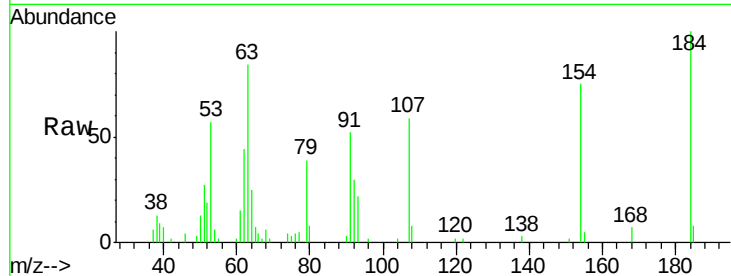




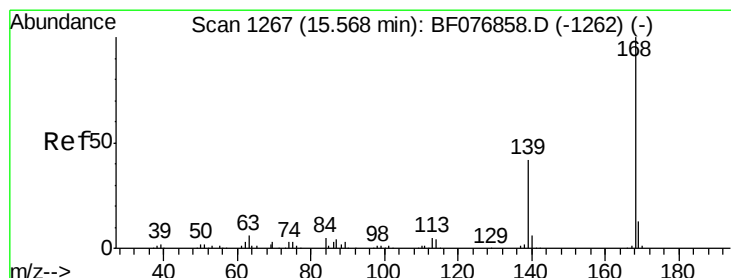
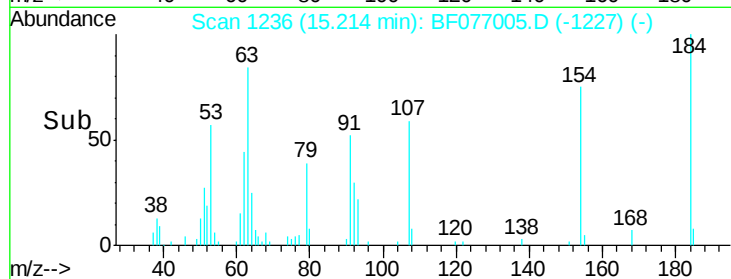
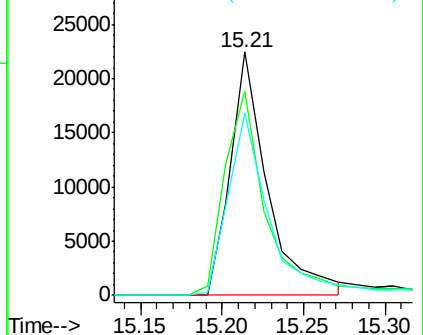
#53
 2,4-Dinitrophenol
 Concen: 75.79 ng
 RT: 15.21 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

Tot Ion:184 Resp: 35574
 Ion Ratio Lower Upper
 184 100
 63 83.5 63.0 94.6
 154 74.8 65.5 98.3

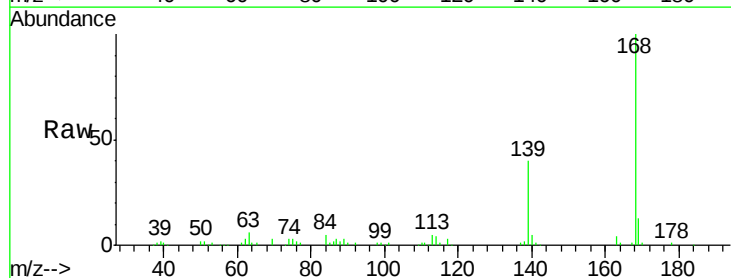


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

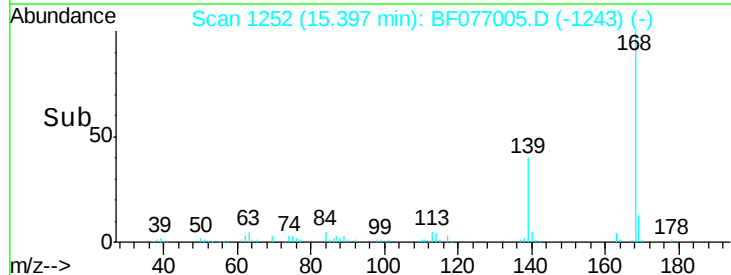
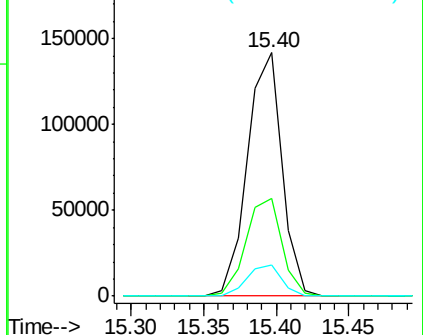


#54
 Dibenzofuran
 Concen: 38.75 ng
 RT: 15.40 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:168 Resp: 234916
 Ion Ratio Lower Upper
 168 100
 139 40.3 33.4 50.2
 169 12.7 10.6 15.8



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

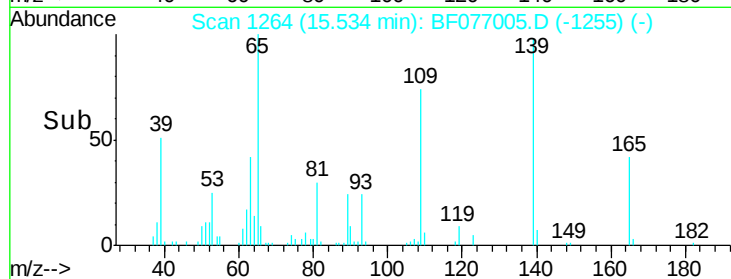
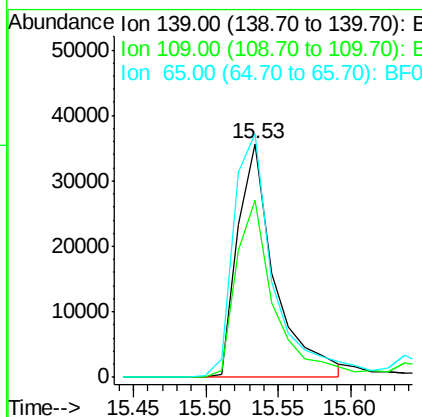
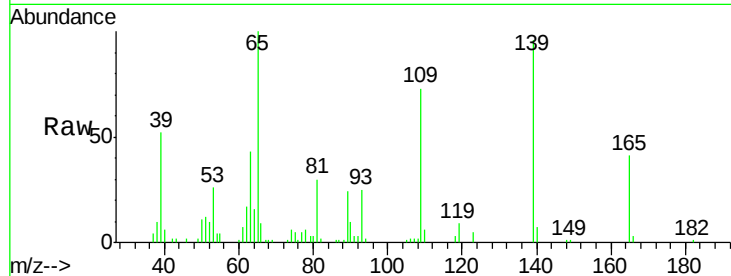




#55
4-Nitrophenol
Concen: 80.37 ng
RT: 15.53 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

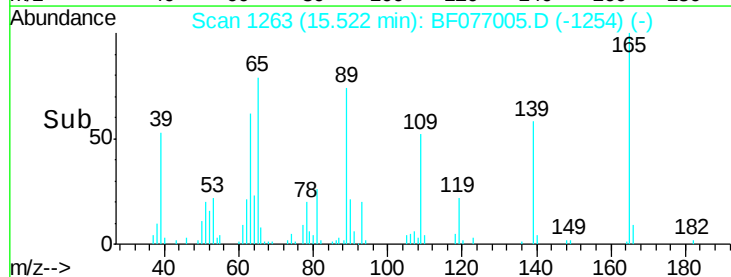
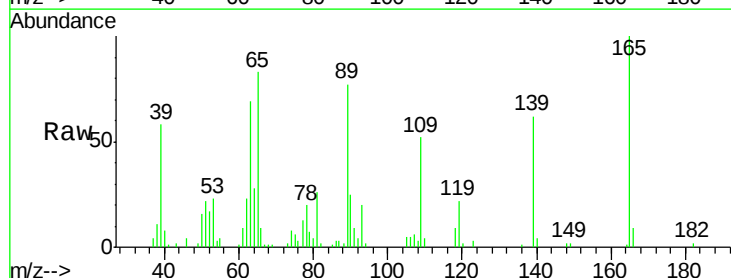
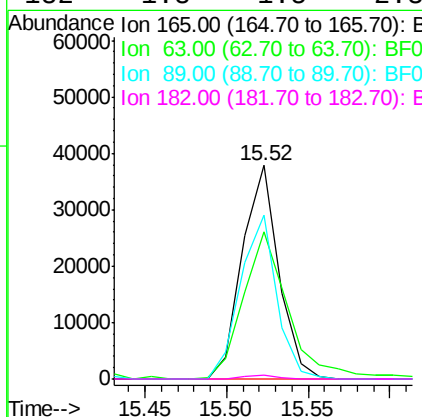
Instrument :
BNA_F
ClientSampleId :
PB81398BS

Tot Ion:139 Resp: 63678
Ion Ratio Lower Upper
139 100
109 76.0 61.0 101.0
65 104.1 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 39.13 ng
RT: 15.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:165 Resp: 58630
Ion Ratio Lower Upper
165 100
63 69.2 44.8 67.2#
89 76.6 56.2 84.2
182 1.8 1.5 2.3

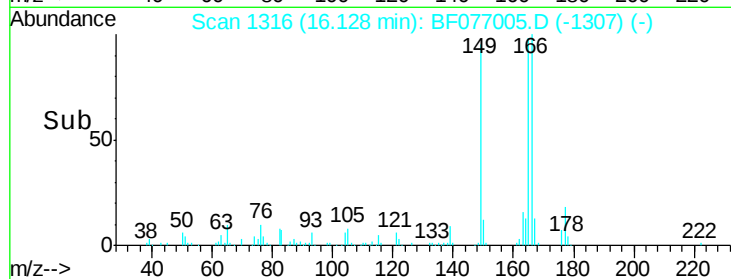
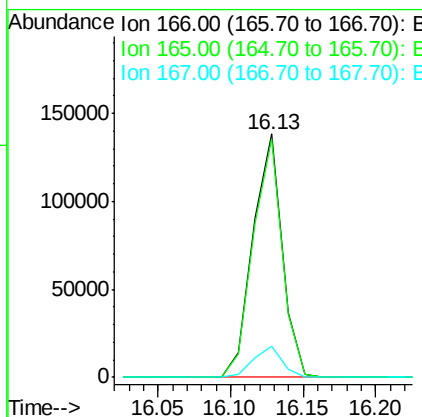
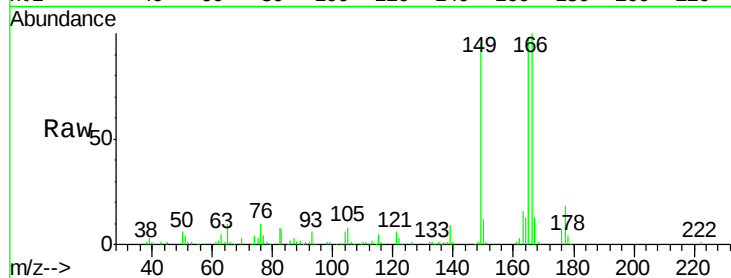




#57
 Fluorene
 Concen: 37.62 ng
 RT: 16.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

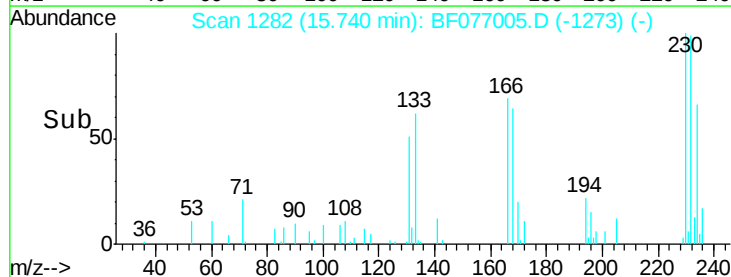
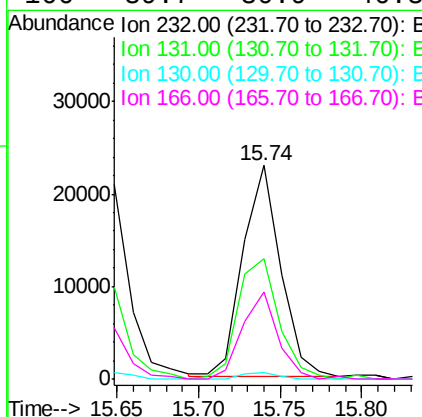
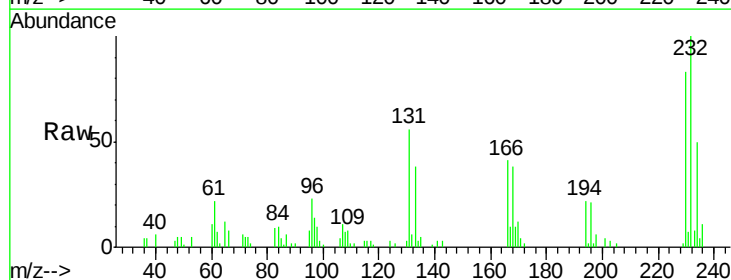
Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

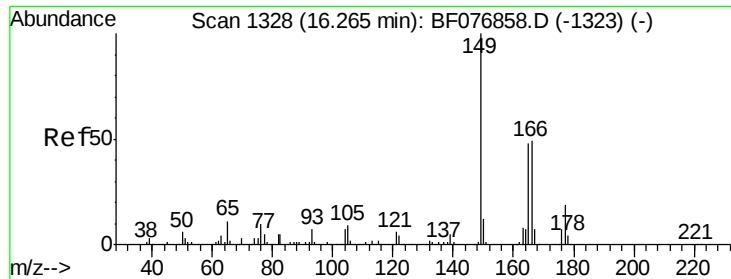
Tot Ion:166 Resp: 193199
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.5 117.7
 167 12.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.07 ng
 RT: 15.74 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:232 Resp: 36299
 Ion Ratio Lower Upper
 232 100
 131 62.4 45.0 67.6
 130 3.0 2.6 3.8
 166 39.7 30.9 46.3





#59

Diethylphthalate

Concen: 38.45 ng

RT: 16.13 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

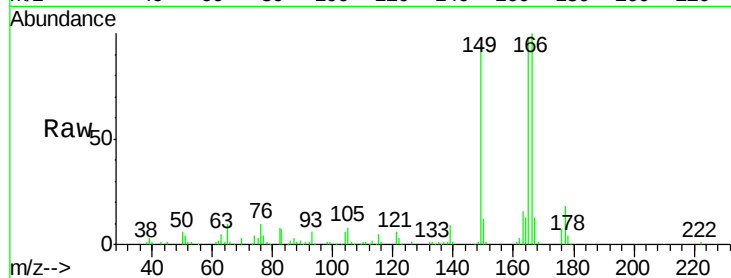
Tot Ion:149 Resp: 196451

Ion Ratio Lower Upper

149 100

177 19.5 15.0 22.6

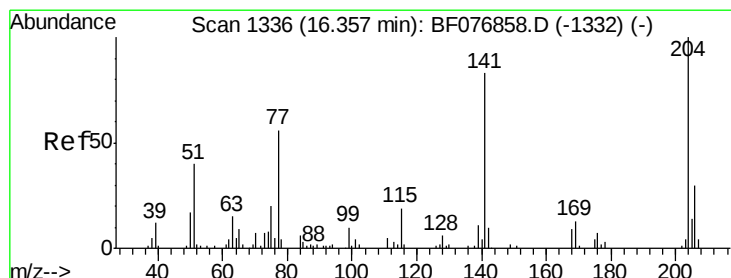
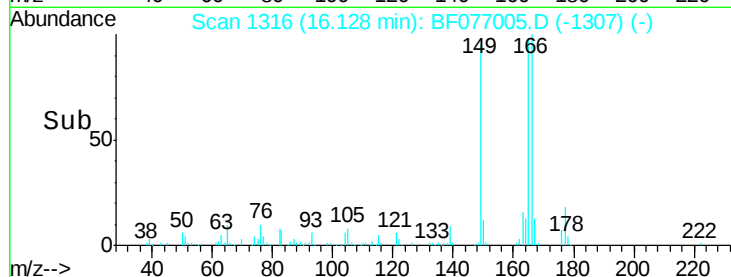
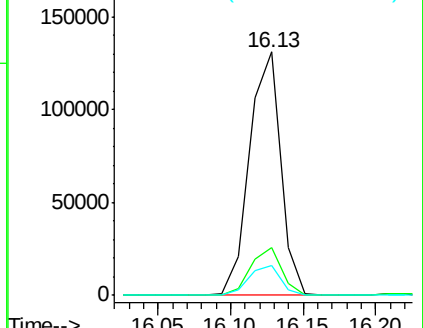
150 12.2 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.75 ng

RT: 16.22 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

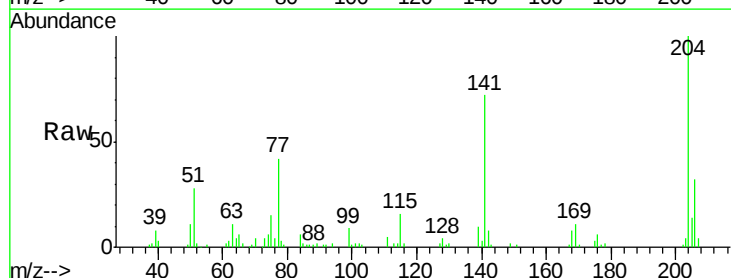
Tgt Ion:204 Resp: 83522

Ion Ratio Lower Upper

204 100

206 31.9 24.2 36.2

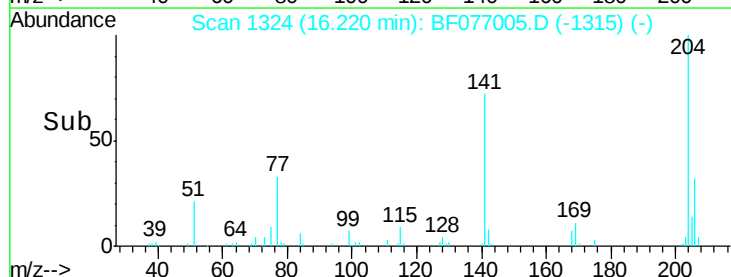
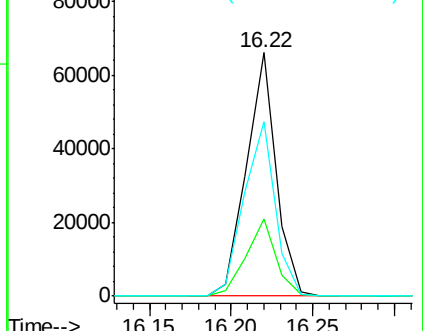
141 71.5 66.7 100.1



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

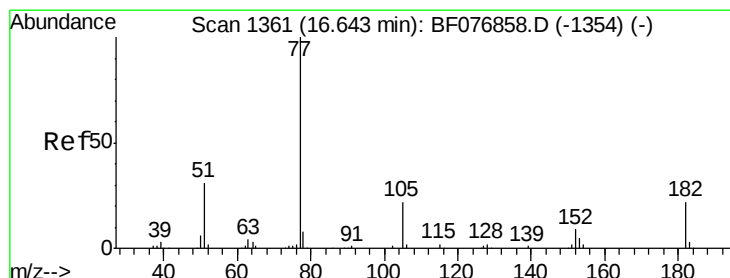
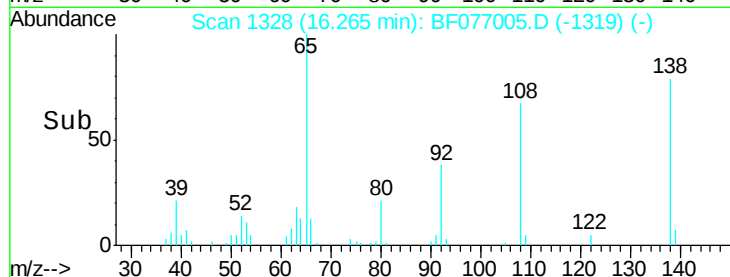
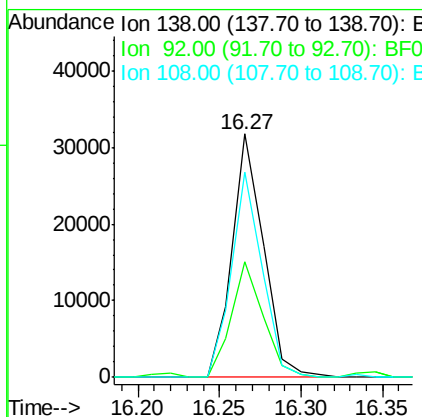
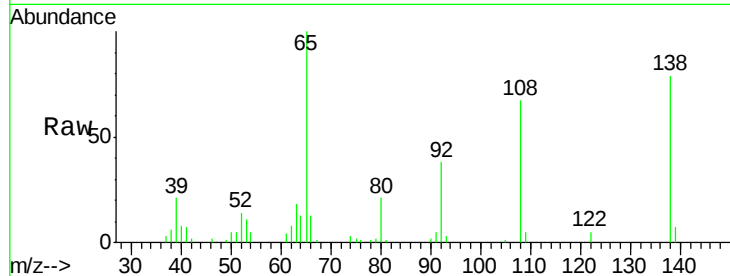




#61
4-Nitroaniline
Concen: 33.63 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

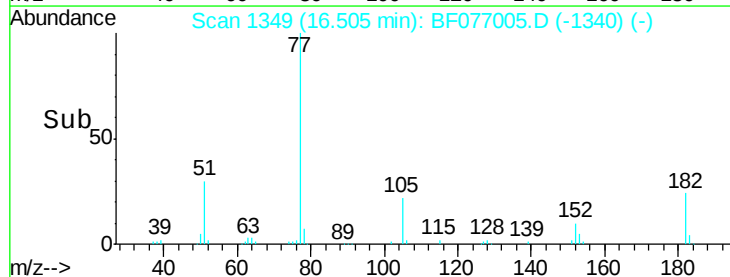
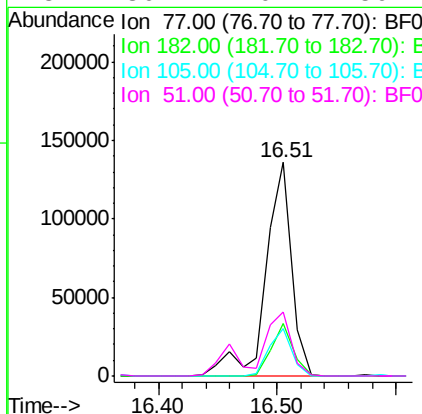
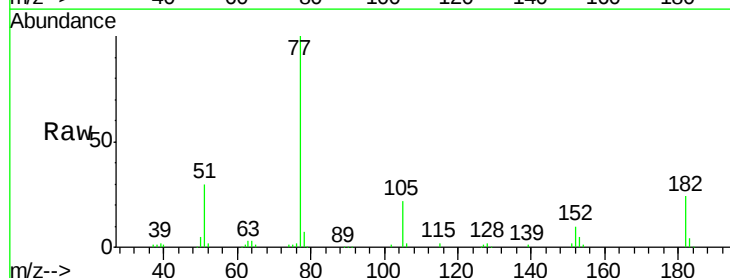
Instrument :
BNA_F
ClientSampleId :
PB81398BS

Tot Ion:138 Resp: 42257
Ion Ratio Lower Upper
138 100
92 47.3 26.7 66.7
108 84.1 64.5 104.5



#62
Azobenzene
Concen: 38.71 ng
RT: 16.51 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion: 77 Resp: 206037
Ion Ratio Lower Upper
77 100
182 24.4 2.0 42.0
105 22.2 2.3 42.3
51 30.1 10.7 50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.69 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

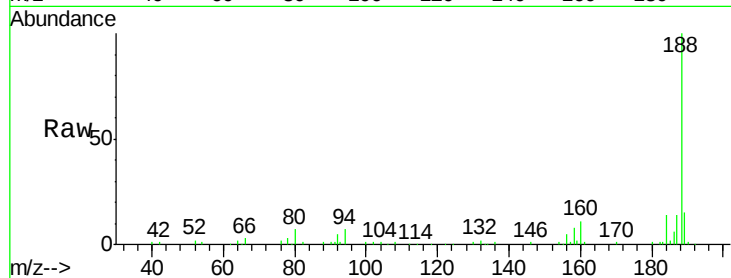
Tot Ion:188 Resp: 119389

Ion Ratio Lower Upper

188 100

94 7.3 6.0 9.0

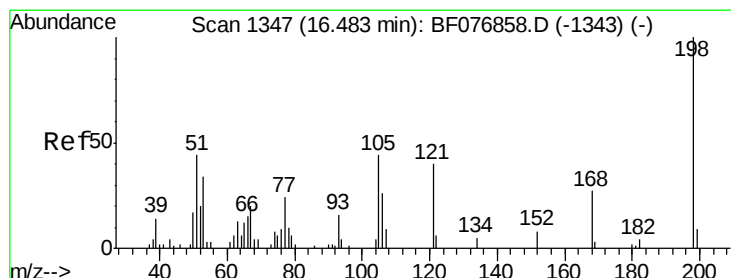
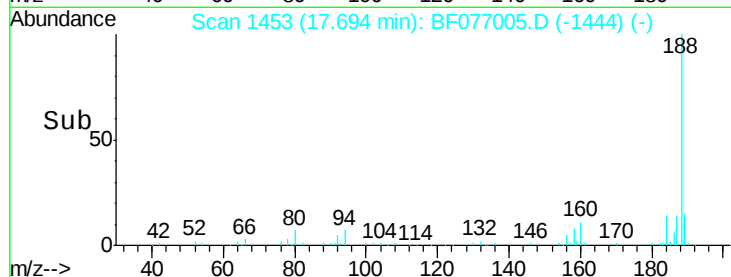
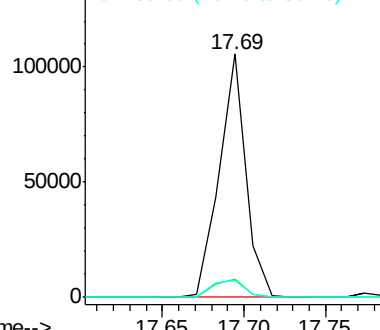
80 7.2 6.9 10.3



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: 36.26 ng

RT: 16.35 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

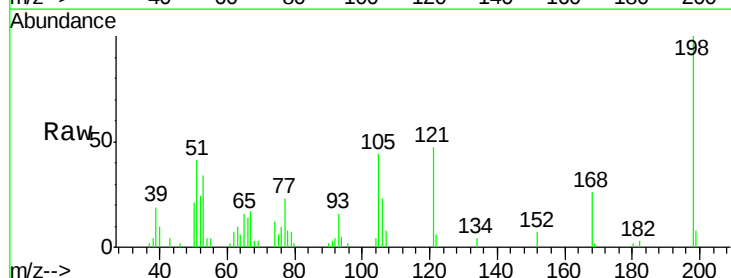
Tgt Ion:198 Resp: 27155

Ion Ratio Lower Upper

198 100

51 40.8 24.2 64.2

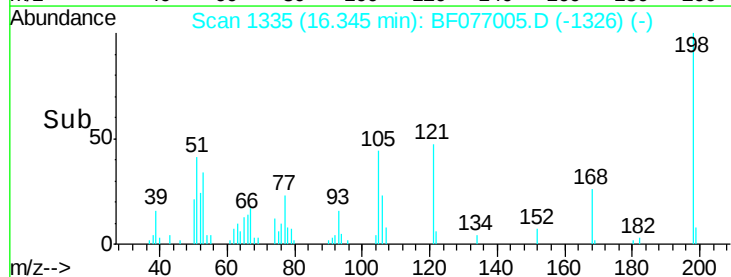
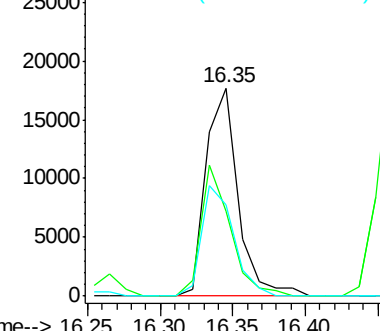
105 43.9 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

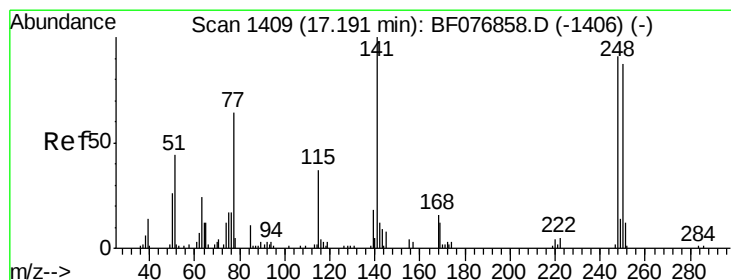
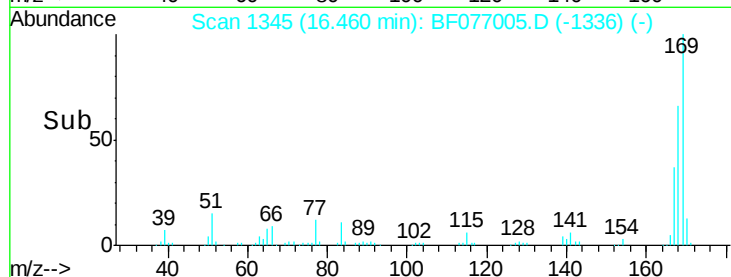
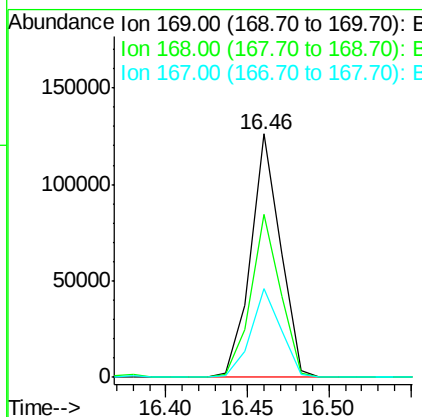
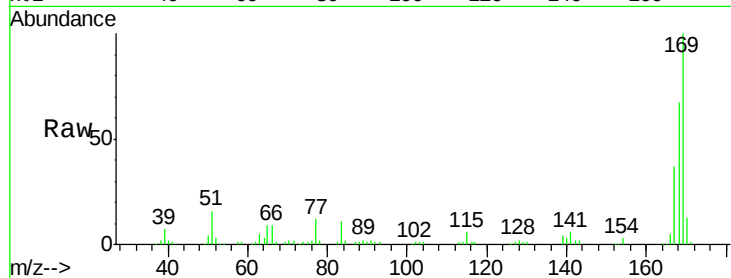




#65
 n-Nitrosodiphenylamine
 Concen: 37.52 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

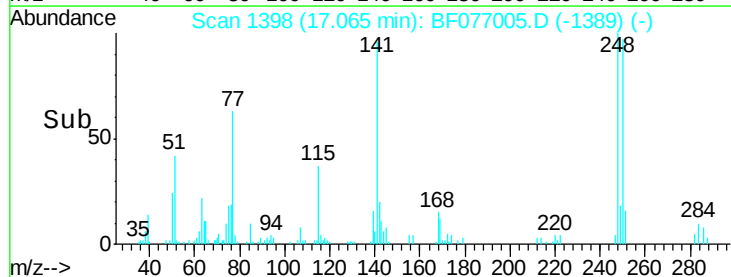
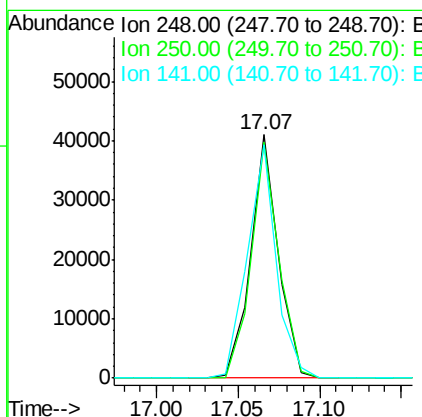
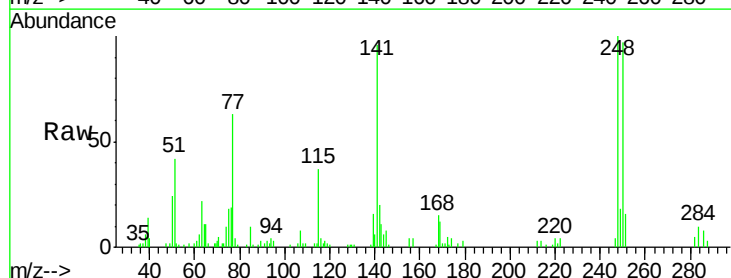
Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

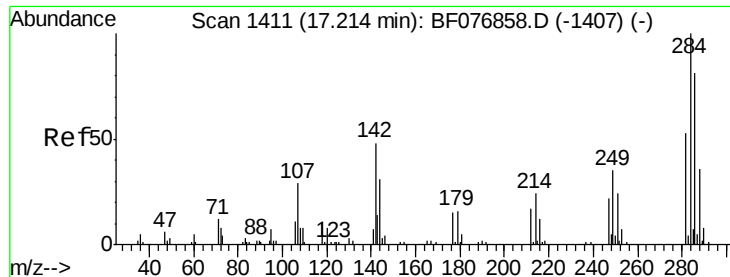
Tot Ion:169 Resp: 159707
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.6
 167 36.5 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.83 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:248 Resp: 48179
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.1 115.7
 141 96.1 88.2 132.4

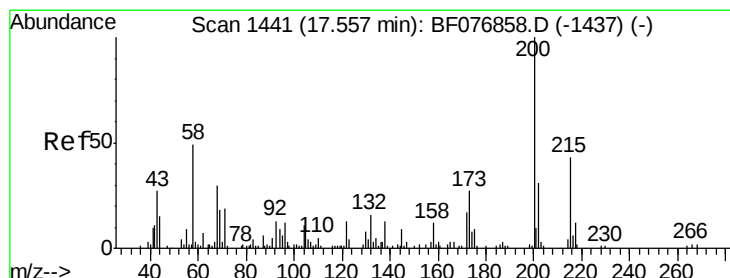
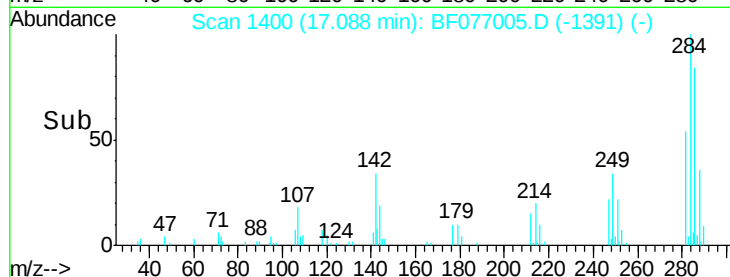
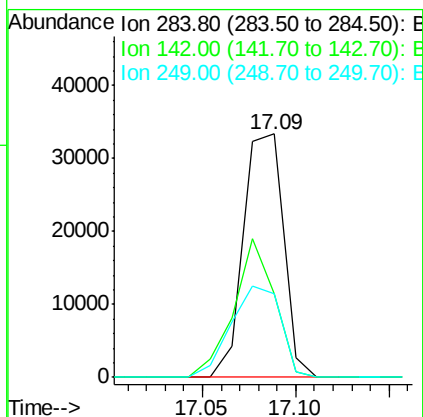
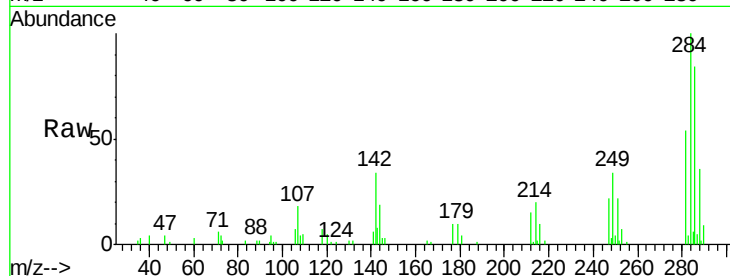




#67
Hexachlorobenzene
Concen: 39.09 ng
RT: 17.09 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

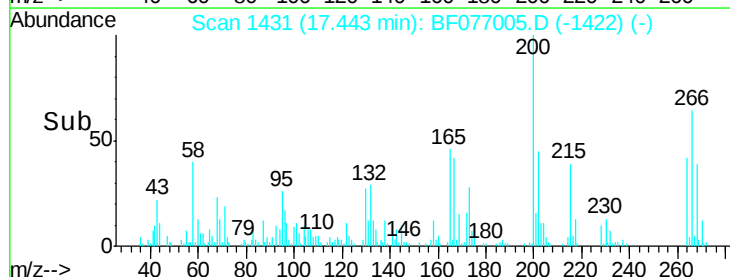
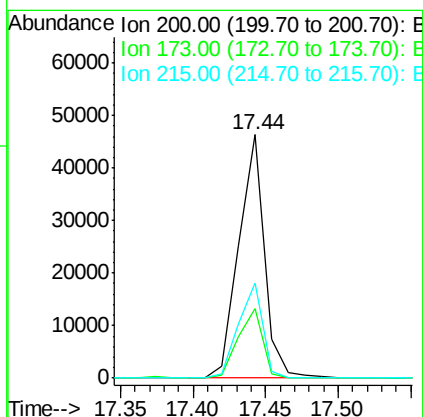
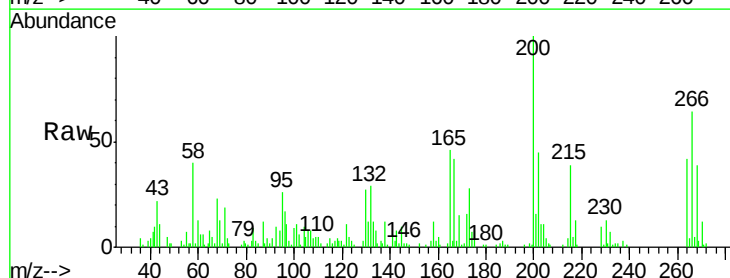
Instrument :
BNA_F
ClientSampleId :
PB81398BS

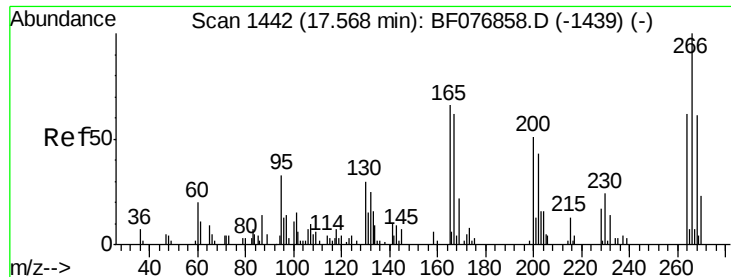
Tot Ion:284 Resp: 49820
Ion Ratio Lower Upper
284 100
142 34.1 38.2 57.4#
249 34.5 28.2 42.2



#68
Atrazine
Concen: 44.24 ng
RT: 17.44 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:200 Resp: 57153
Ion Ratio Lower Upper
200 100
173 28.4 6.6 46.6
215 39.1 22.9 62.9

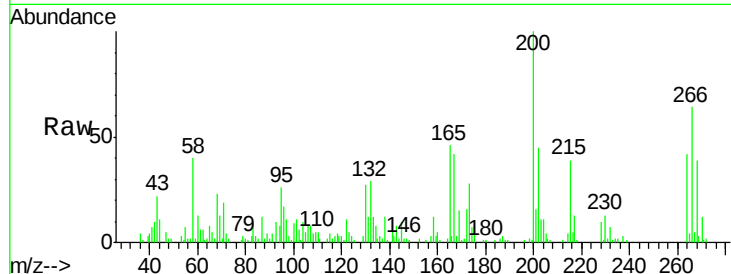




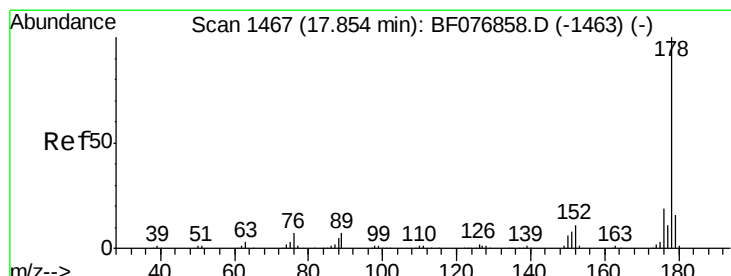
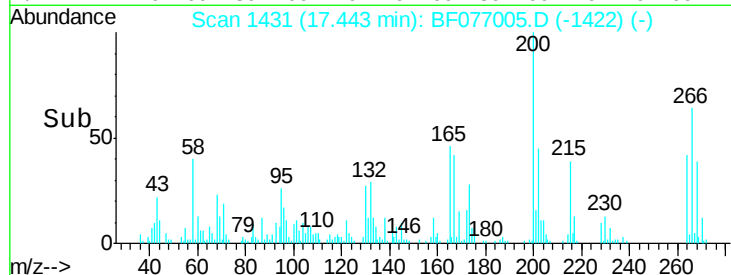
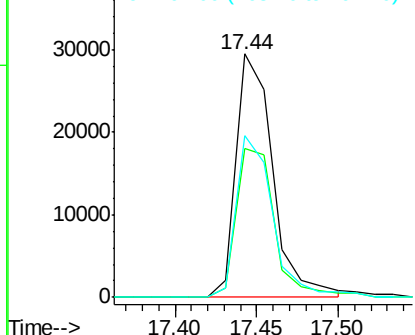
#69
 Pentachlorophenol
 Concen: 78.77 ng
 RT: 17.44 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

Tot Ion:266 Resp: 45987
 Ion Ratio Lower Upper
 266 100
 268 61.3 48.6 72.8
 264 66.6 49.5 74.3

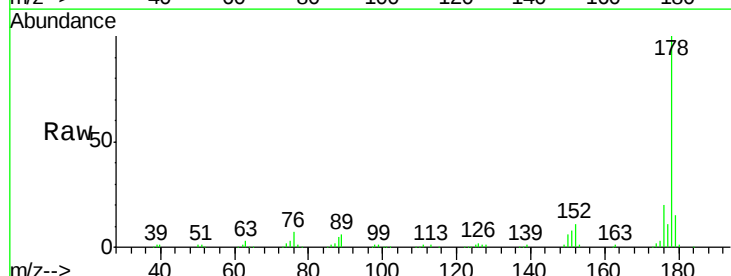


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

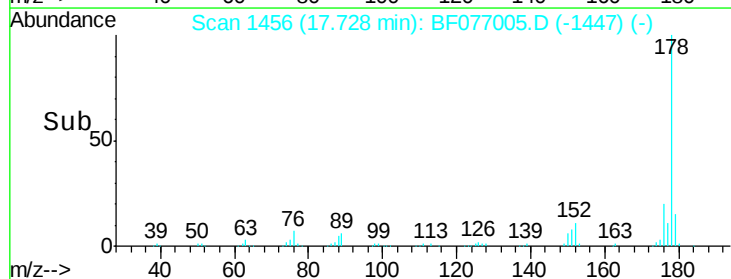
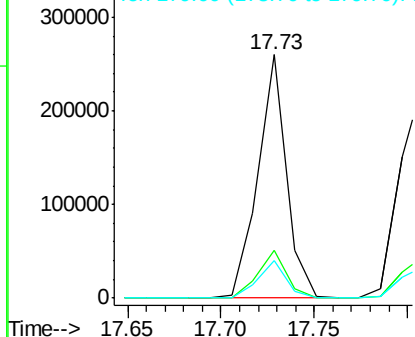


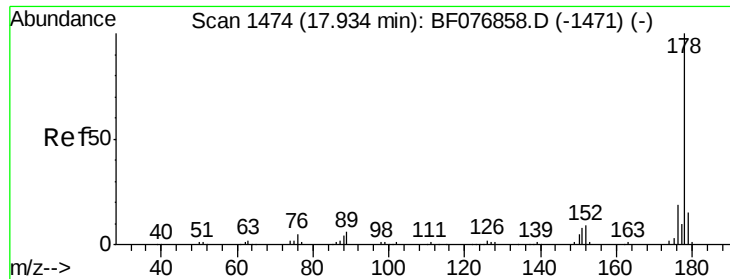
#70
 Phenanthrene
 Concen: 37.31 ng
 RT: 17.73 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:178 Resp: 277816
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.1 22.7
 179 15.4 12.7 19.1



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

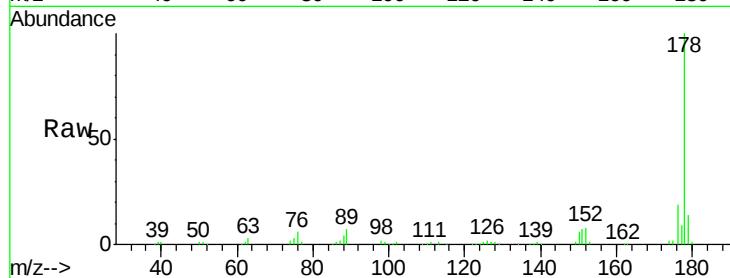




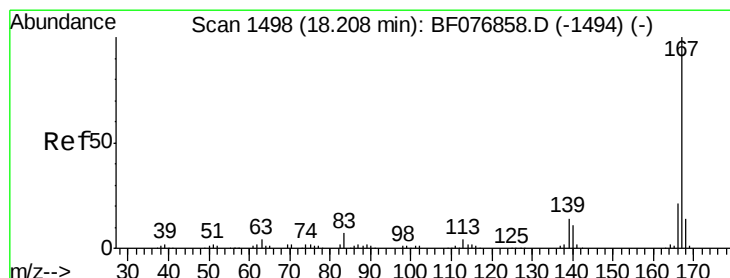
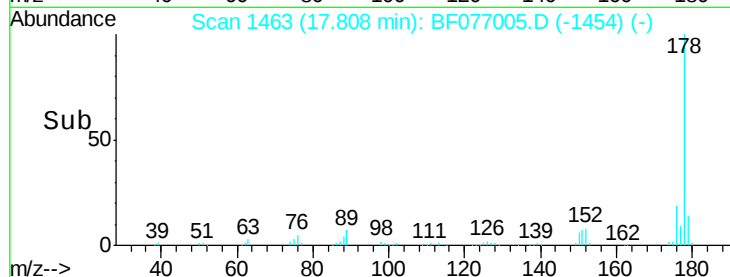
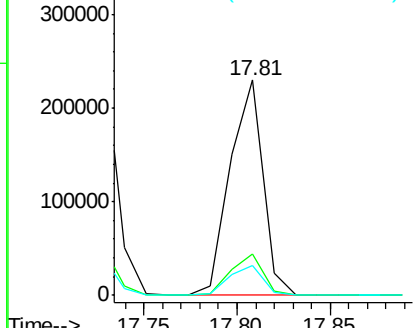
#71
 Anthracene
 Concen: 39.16 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

Tot Ion:178 Resp: 284281
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 14.2 11.9 17.9

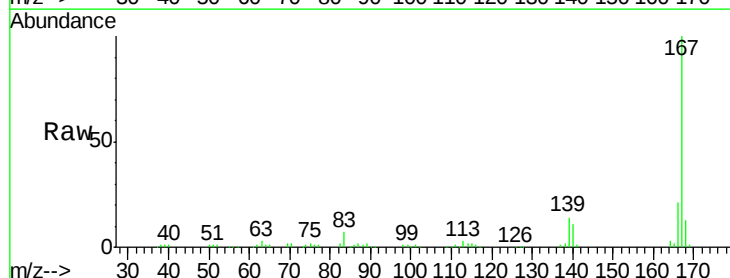


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

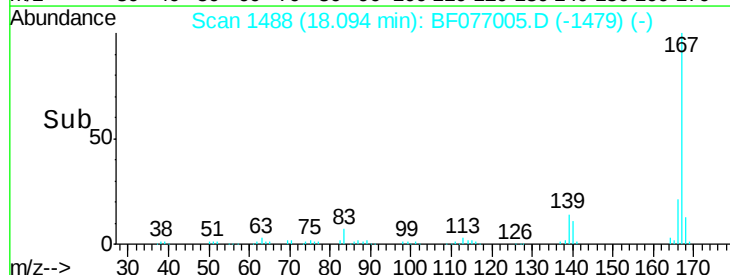
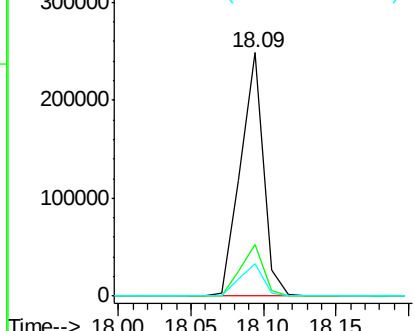


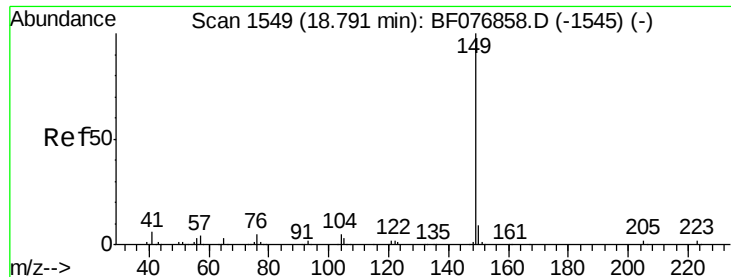
#72
 Carbazole
 Concen: 38.78 ng
 RT: 18.09 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:167 Resp: 273082
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 13.5 11.3 16.9



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

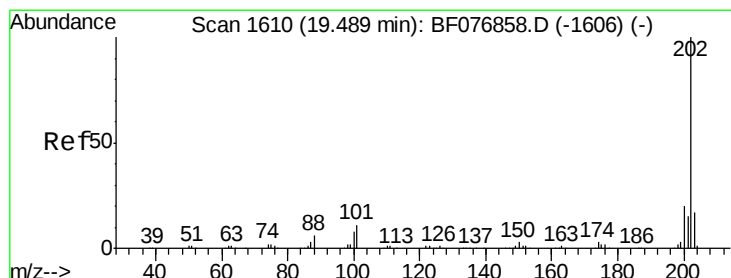
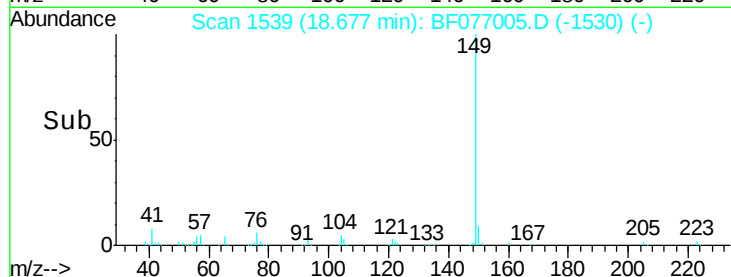
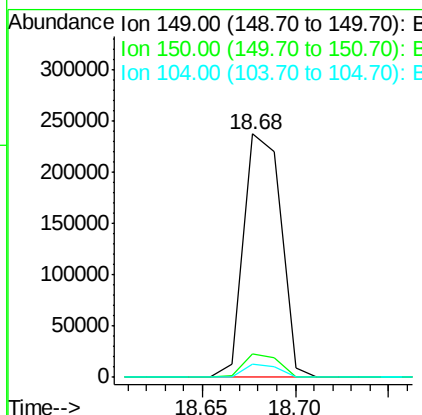
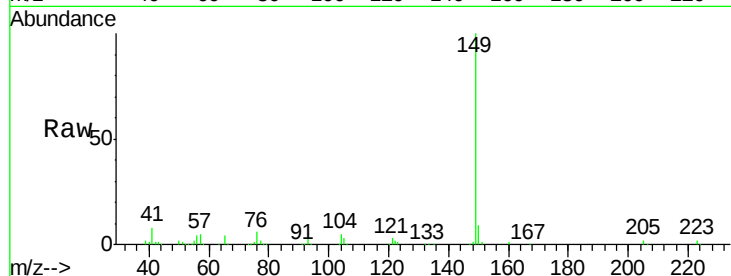




#73
Di-n-butylphthalate
Concen: 40.46 ng
RT: 18.68 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

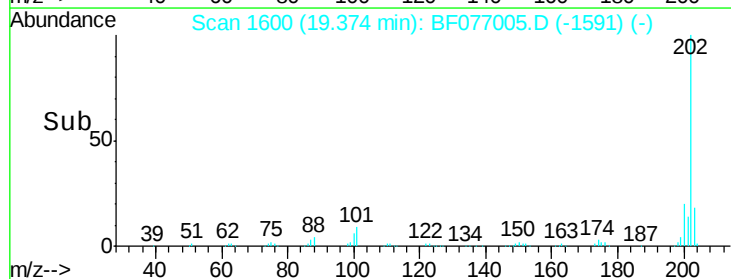
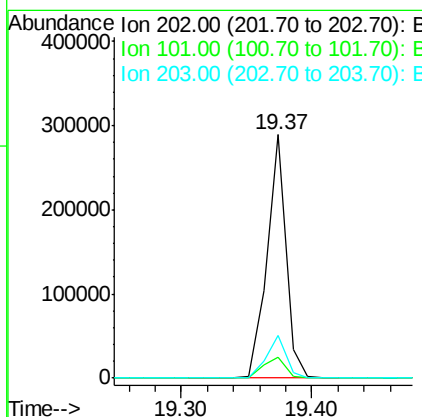
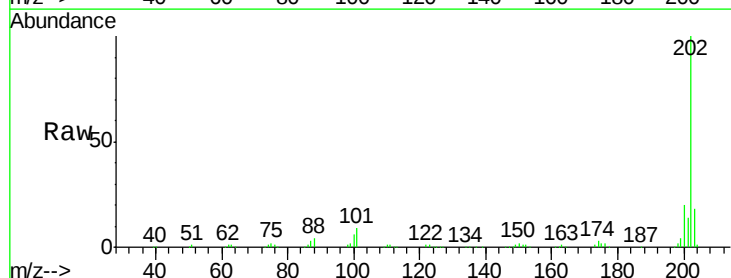
Instrument :
BNA_F
ClientSampleId :
PB81398BS

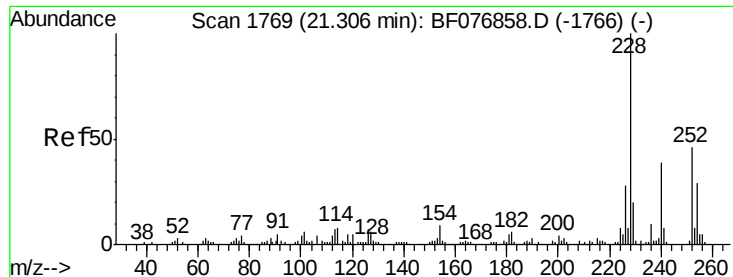
Tot Ion:149 Resp: 329827
Ion Ratio Lower Upper
149 100
150 9.5 6.9 10.3
104 5.5 3.7 5.5



#74
Fluoranthene
Concen: 38.87 ng
RT: 19.37 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:202 Resp: 296517
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.7
203 17.6 0.0 36.9

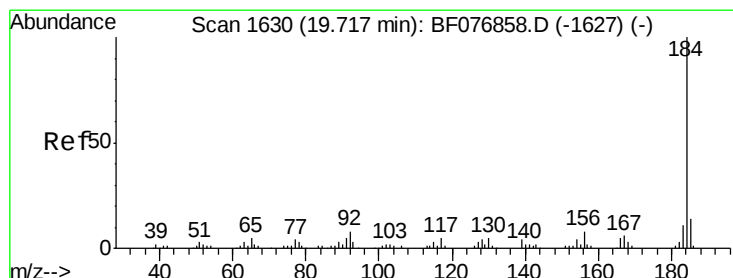
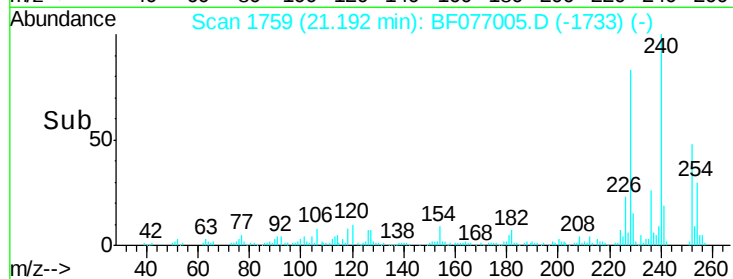
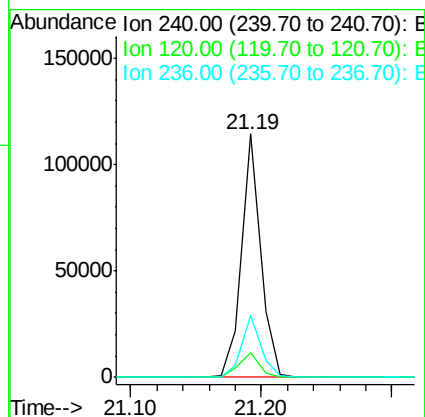
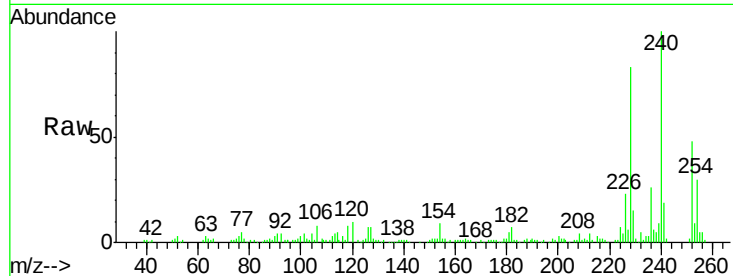




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

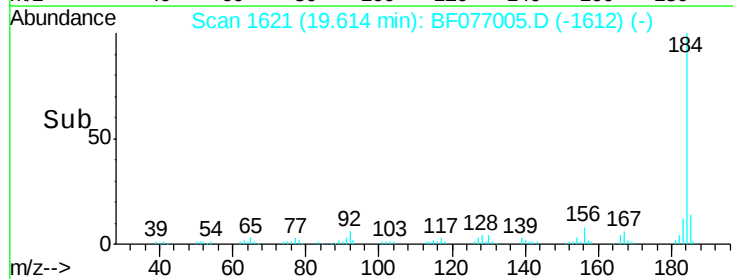
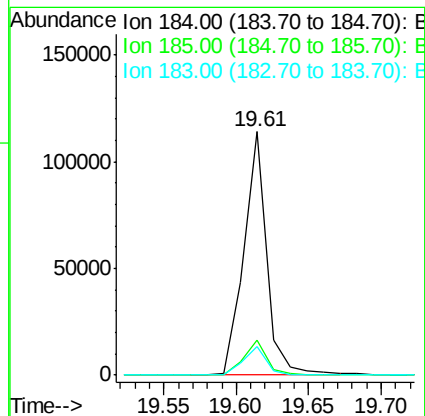
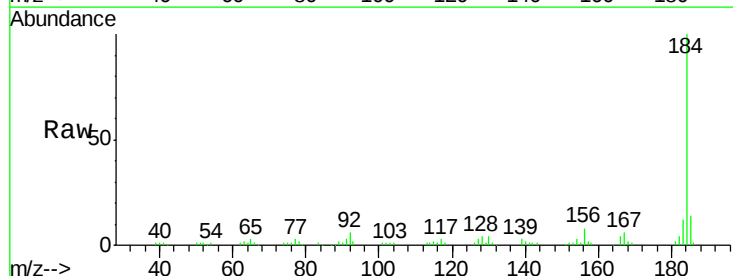
Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

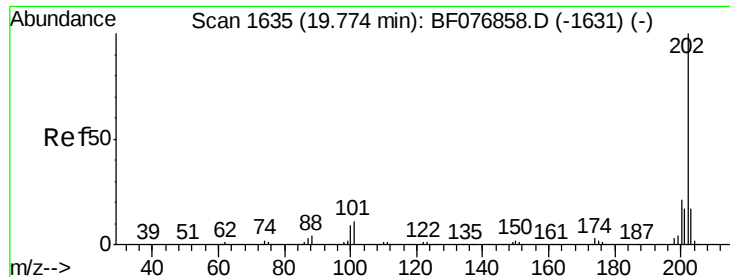
Tot Ion:240 Resp: 116644
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.4 15.6#
 236 25.6 20.2 30.2



#76
 Benzidine
 Concen: 33.60 ng
 RT: 19.61 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:184 Resp: 125421
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.4 17.2
 183 11.9 9.0 13.6

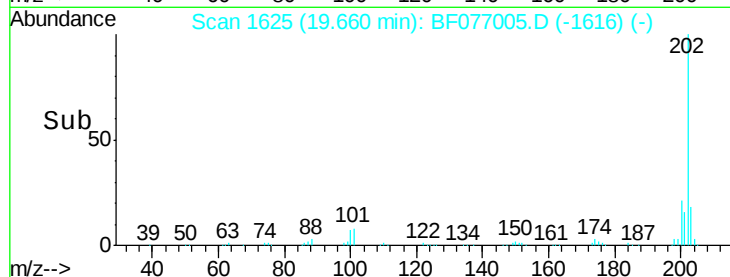
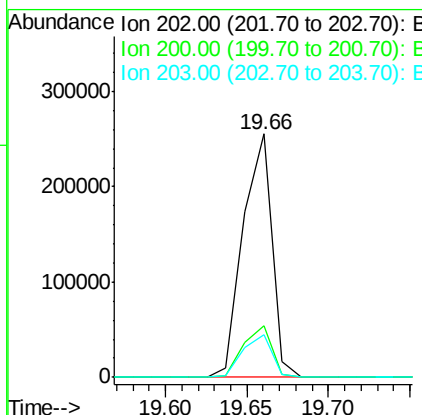
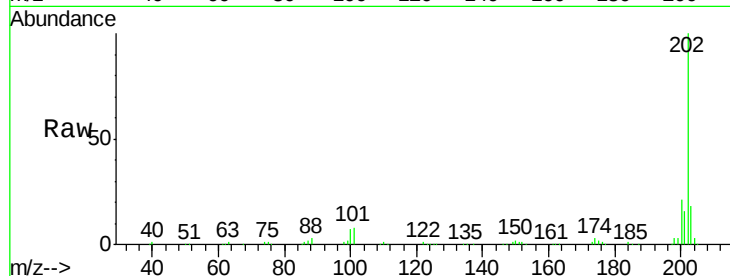




#77
Pvrene
Concen: 39.21 ng
RT: 19.66 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

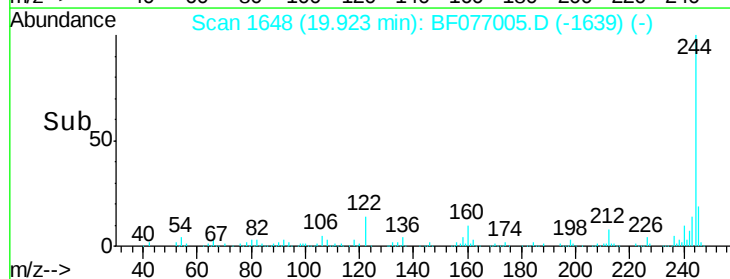
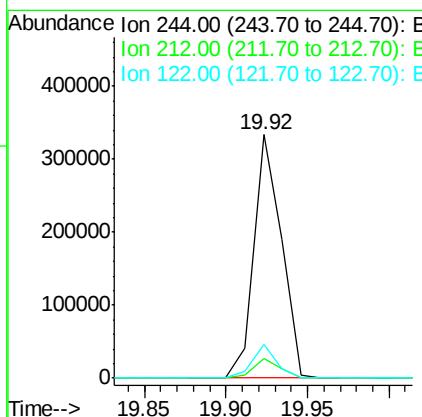
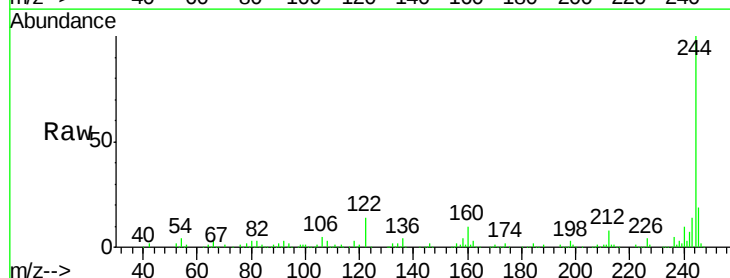
Instrument :
BNA_F
ClientSampleId :
PB81398BS

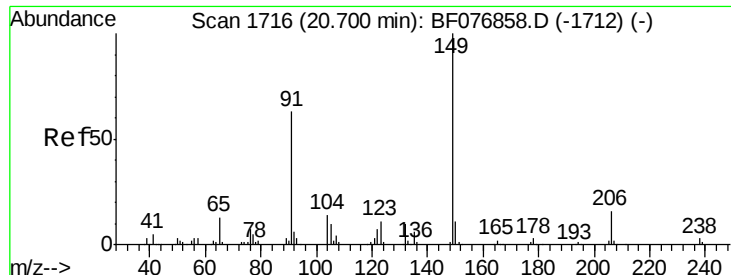
Tot Ion:202 Resp: 313482
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.6 14.0 21.0



#78
Terphenyl-d14
Concen: 77.24 ng
RT: 19.92 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:244 Resp: 391329
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 13.8 10.1 15.1

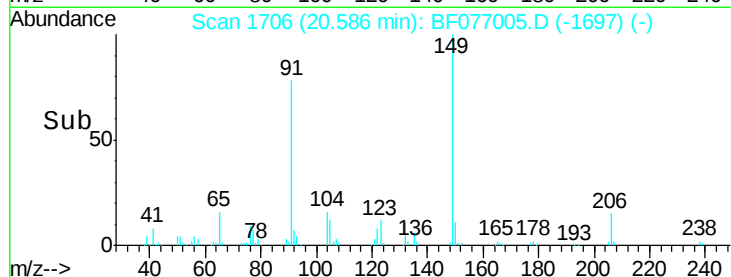
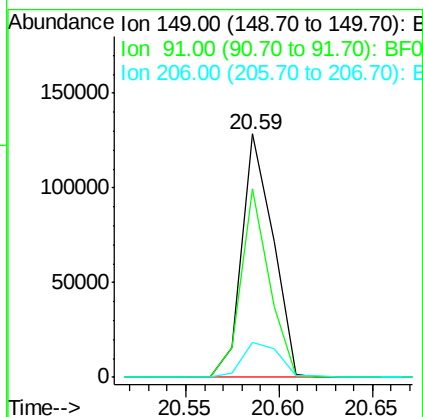
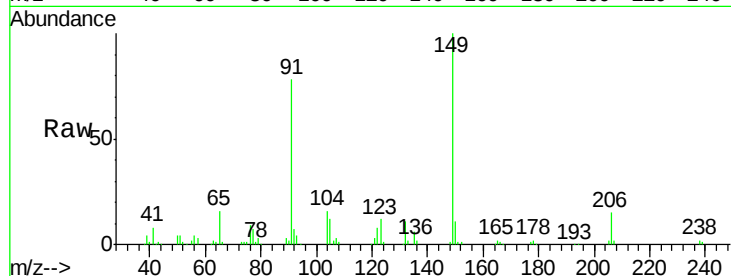




#79
Butylbenzylphthalate
Concen: 41.23 ng
RT: 20.59 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

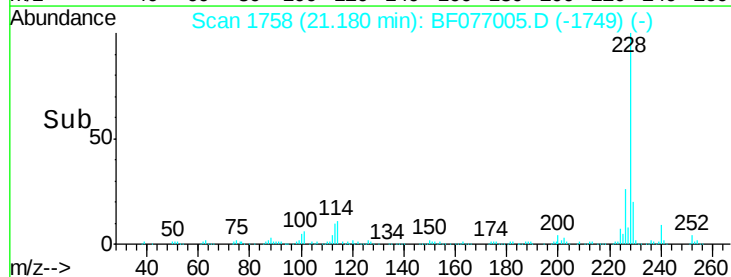
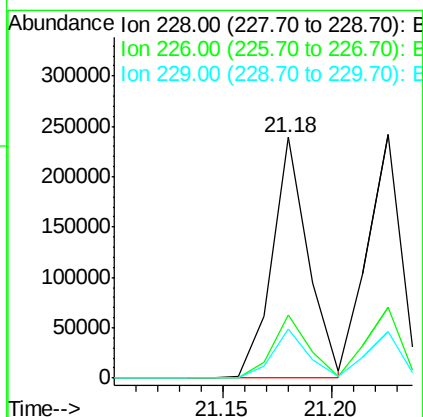
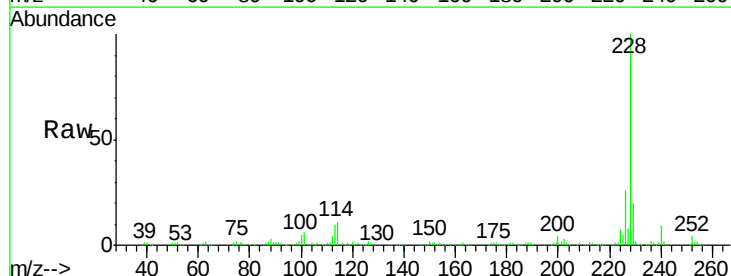
Instrument :
BNA_F
ClientSampleId :
PB81398BS

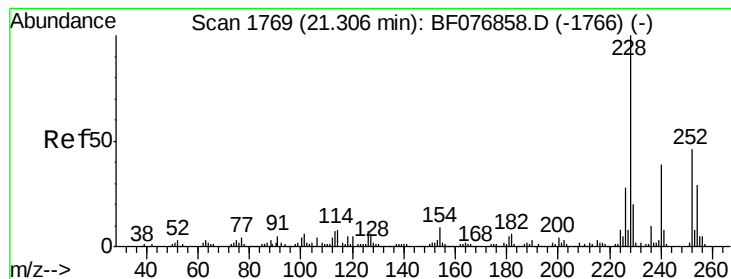
Tot Ion:149 Resp: 149254
Ion Ratio Lower Upper
149 100
91 77.6 50.6 76.0#
206 14.5 12.8 19.2



#80
Benzo(a)anthracene
Concen: 37.83 ng
RT: 21.18 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:228 Resp: 276863
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 20.2 15.5 23.3

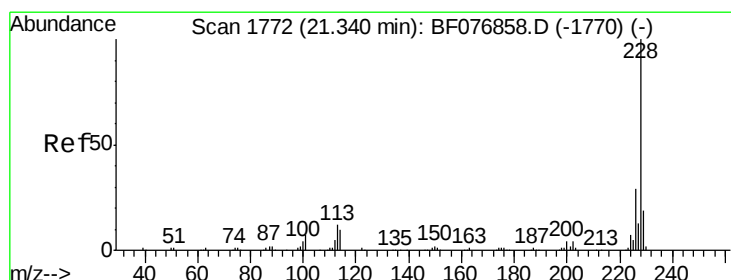
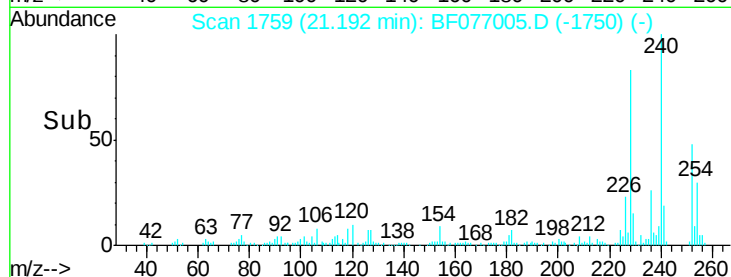
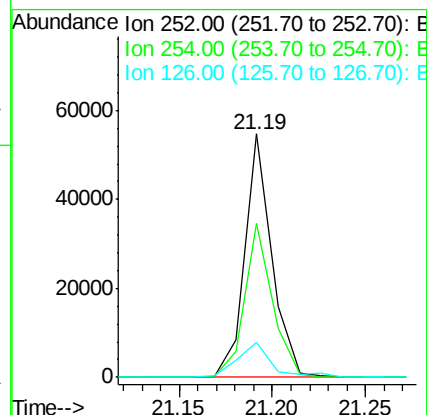
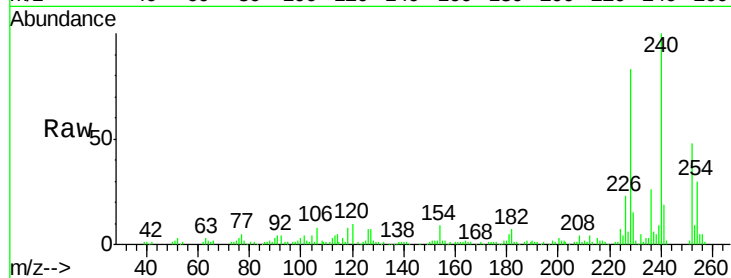




#81
 3,3'-Dichlorobenzidine
 Concen: 23.73 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

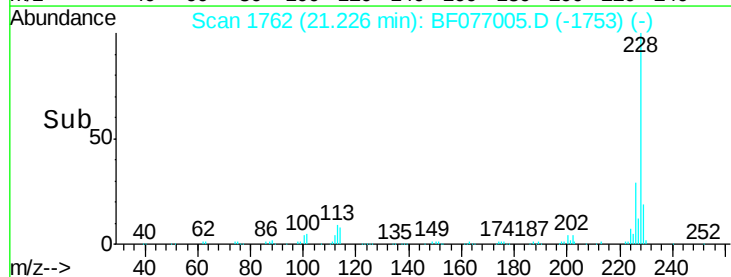
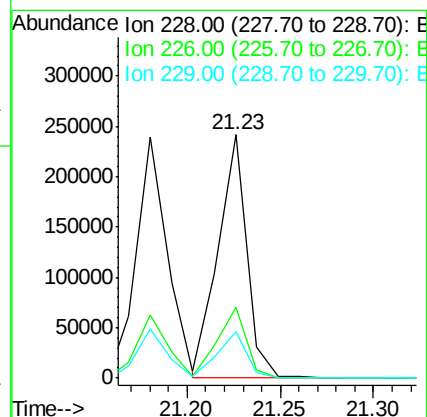
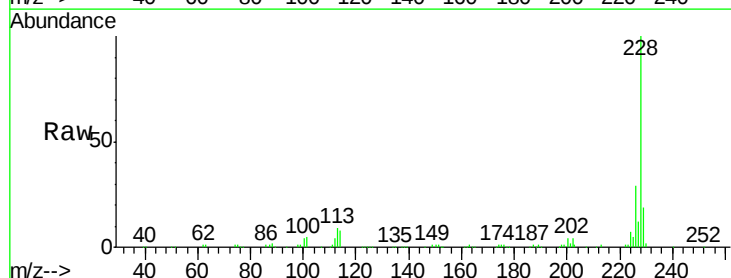
Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

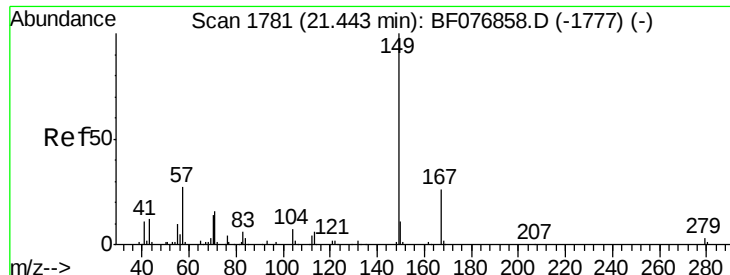
Tot Ion:252 Resp: 55190
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.2 75.4
 126 14.4 11.5 17.3



#82
 Chrysene
 Concen: 38.76 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:228 Resp: 258690
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.4 35.0
 229 19.2 15.4 23.0

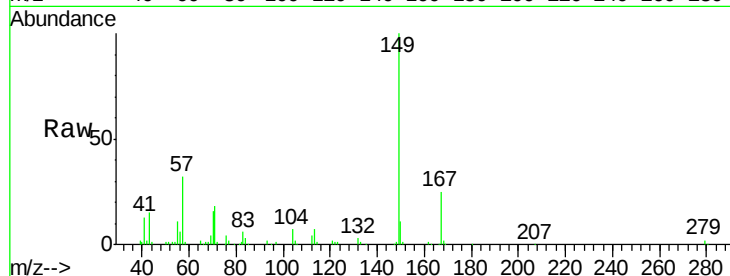




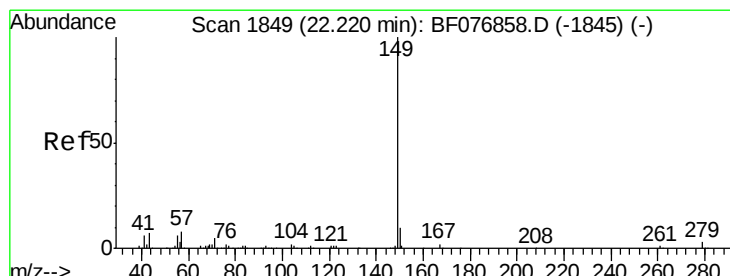
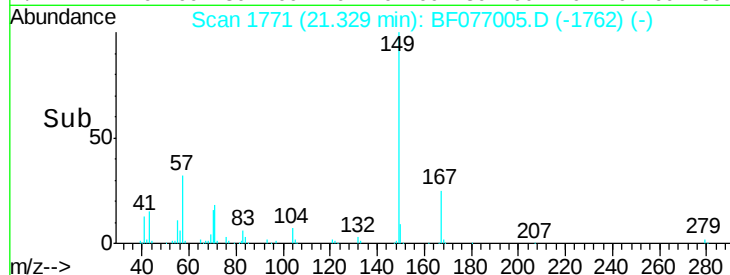
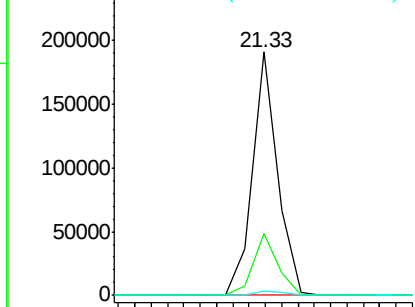
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.72 ng
 RT: 21.33 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

Tot Ion:149 Resp: 203975
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.6 30.8
 279 2.0 2.2 3.2#

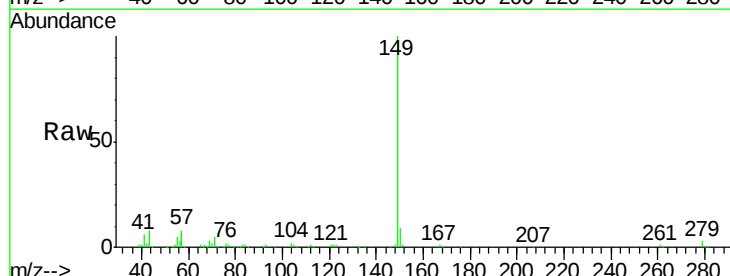


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

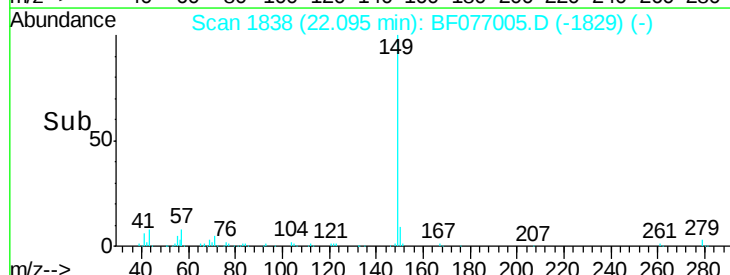
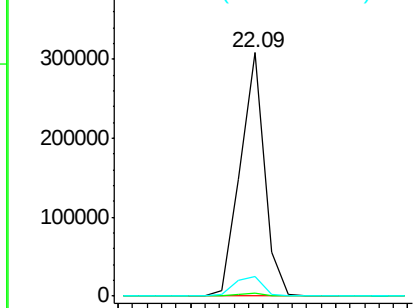


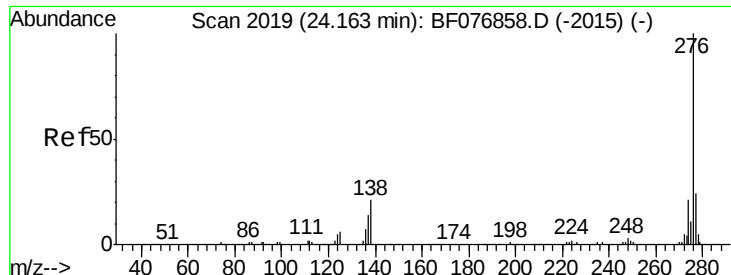
#84
 Di-n-octyl phthalate
 Concen: 41.20 ng
 RT: 22.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Tgt Ion:149 Resp: 358160
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.2 6.6 10.0



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

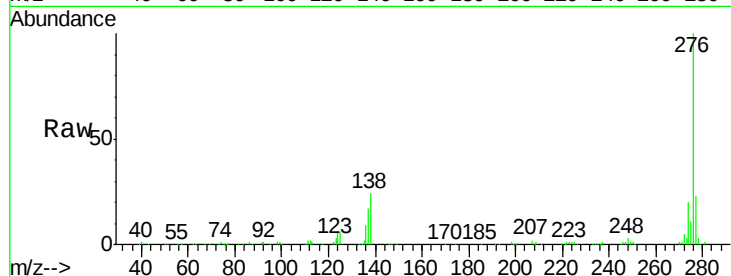




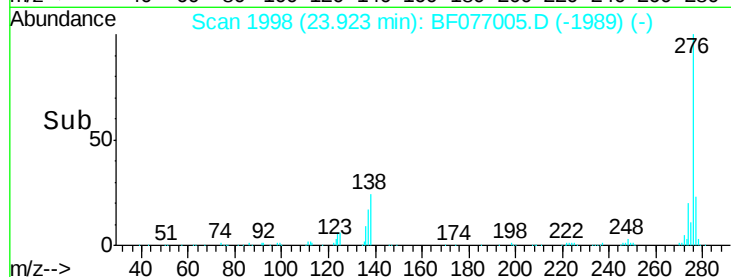
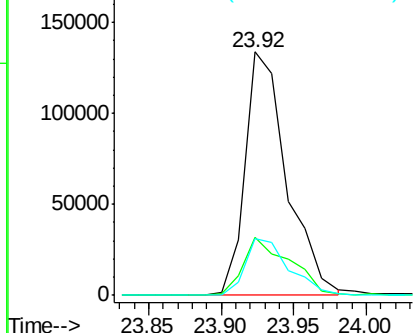
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.64 ng
RT: 23.92 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB81398BS

Tot Ion:276 Resp: 266231
Ion Ratio Lower Upper
276 100
138 26.8 14.6 22.0#
277 24.6 14.8 22.2#

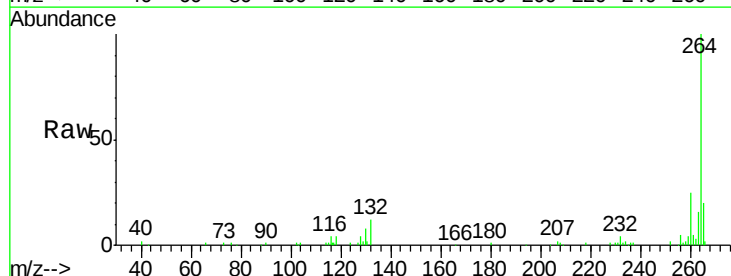


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

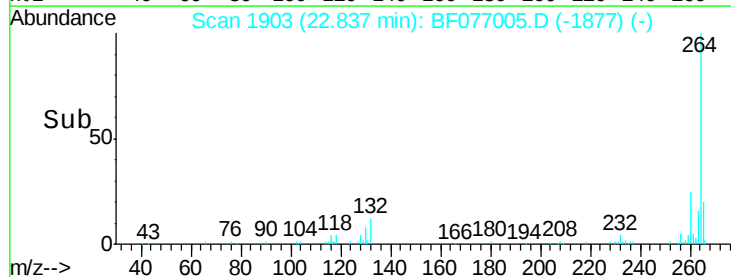
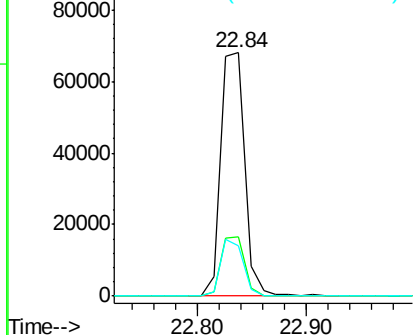


#86
Perylene-d12
Concen: 20.00 ng
RT: 22.84 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:264 Resp: 103939
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.4
265 20.5 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

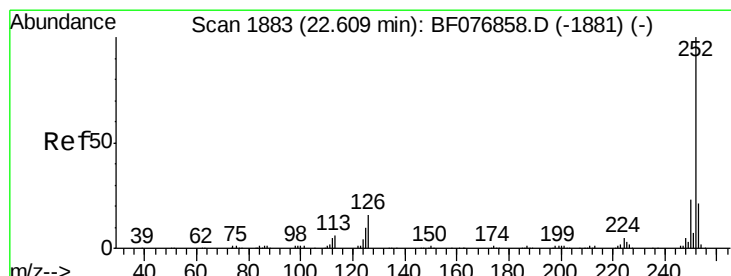
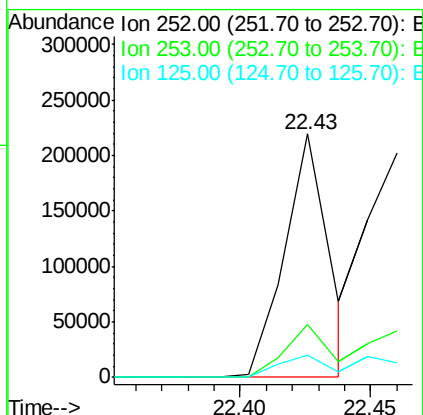
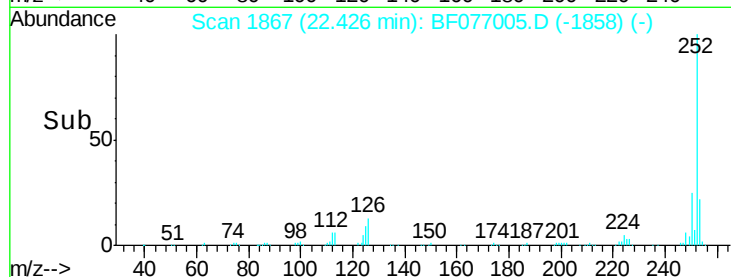
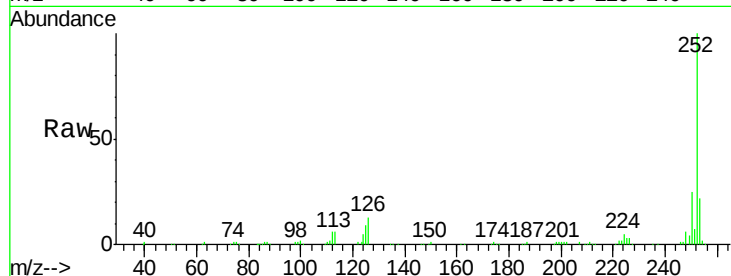




#87
Benzo(b)fluoranthene
Concen: 36.66 ng
RT: 22.43 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

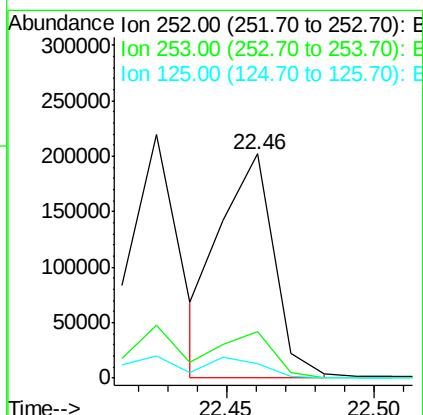
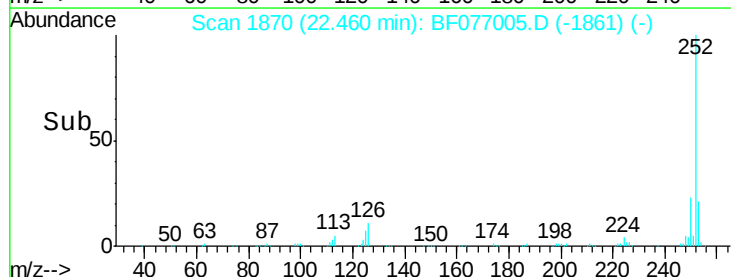
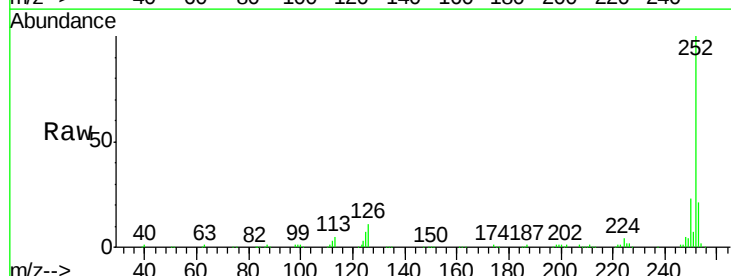
Instrument :
BNA_F
ClientSampleId :
PB81398BS

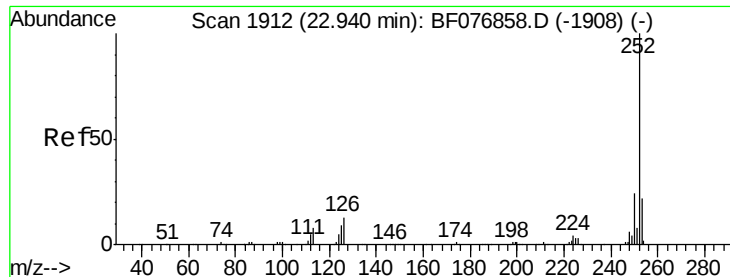
Tot Ion:252 Resp: 256650
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.3 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 41.47 ng m
RT: 22.46 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF077005.D
Acq: 21 Jan 2015 20:24

Tgt Ion:252 Resp: 253658
Ion Ratio Lower Upper
252 100
253 20.7 17.2 25.8
125 6.7 7.1 10.7#





#89

Benzo(a)pyrene

Concen: 40.49 ng

RT: 22.77 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB81398BS

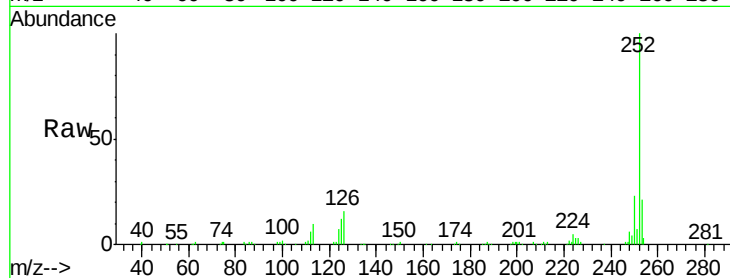
Tot Ion:252 Resp: 250042

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

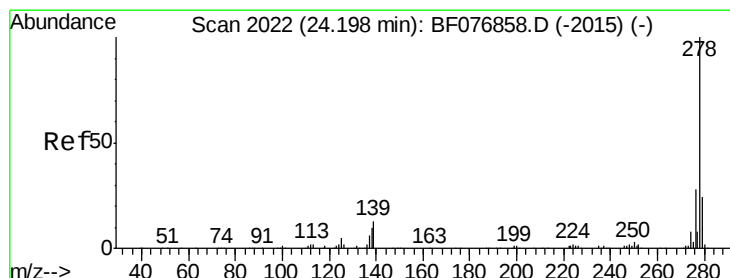
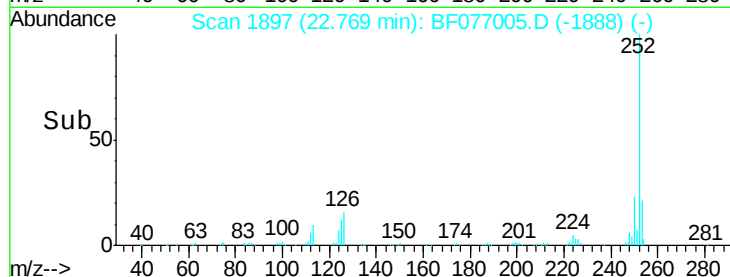
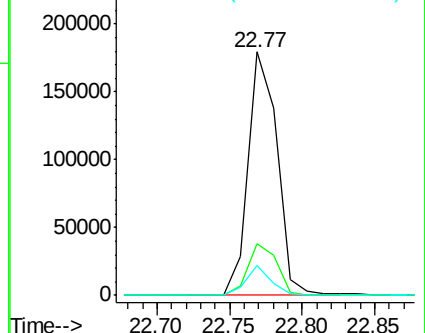
125 12.3 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.41 ng

RT: 23.96 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF077005.D

Acq: 21 Jan 2015 20:24

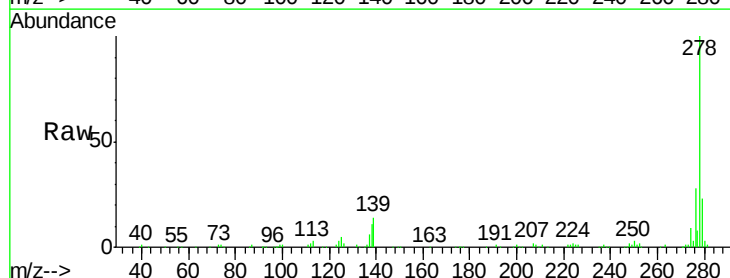
Tgt Ion:278 Resp: 217607

Ion Ratio Lower Upper

278 100

139 13.9 10.5 15.7

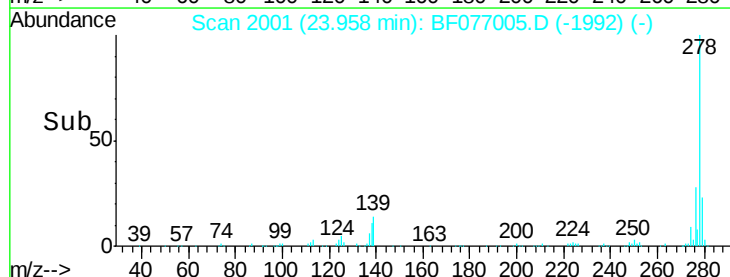
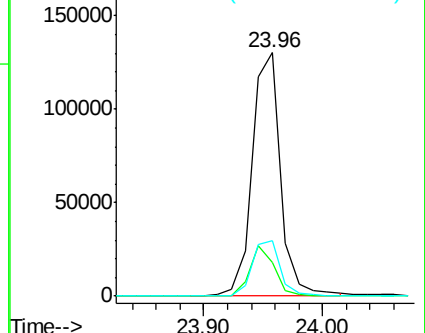
279 22.7 19.3 28.9

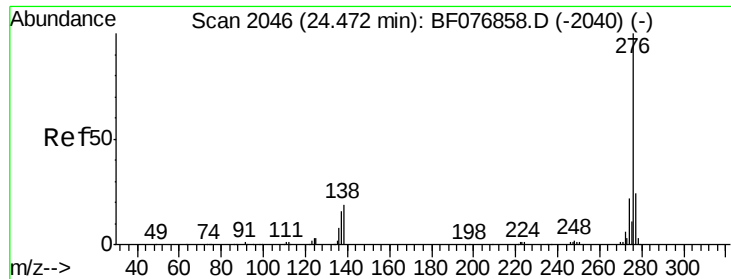


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

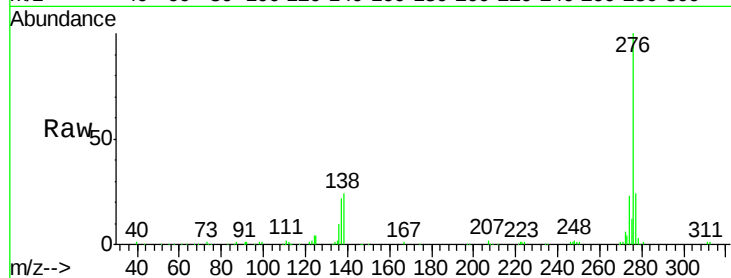




#91
 Benzo(a,h,i)perylene
 Concen: 39.68 ng
 RT: 24.21 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF077005.D
 Acq: 21 Jan 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81398BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	23.6	15.0	22.6



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

