

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077134.D
 Acq On : 29 Jan 2015 21:04
 Operator : TP/IZ
 Sample : G1178-04
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 02:47:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 01:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29291	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	120675	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	63909	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	108988	20.00	ng	0.00
75) Chrysene-d12	21.08	240	110213	20.00	ng	0.00
86) Perylene-d12	22.70	264	100890	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	171593	96.32	ng	0.00
7) Phenol-d6	7.10	99	209376	93.16	ng	0.00
23) Nitrobenzene-d5	9.00	82	151515	69.56	ng	0.01
41) 2,4,6-Tribromophenol	16.45	330	60668	116.95	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	309911	73.80	ng	0.00
78) Terphenyl-d14	19.81	244	329450	68.82	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.13	88	18613	24.40	ng	97
3) Pyridine	1.59	79	39348	19.93	ng	96
4) n-Nitrosodimethylamine	1.53	42	25528	26.11	ng	91
6) Aniline	6.98	93	17398	5.59	ng	99
8) 2-Chlorophenol	7.21	128	66234	32.25	ng	94
9) Benzaldehyde	6.70	77	9480	5.95	ng	95
10) Phenol	7.13	94	69705	29.21	ng	88
11) bis(2-Chloroethyl)ether	7.24	93	64328	34.45	ng	# 78
12) 1,3-Dichlorobenzene	7.53	146	73996	31.67	ng	94
13) 1,4-Dichlorobenzene	7.73	146	76864	31.02	ng	96
14) 1,2-Dichlorobenzene	8.04	146	74814	32.77	ng	99
15) Benzyl Alcohol	8.13	79	60880	33.48	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	82831	33.00	ng	96
17) 2-Methylphenol	8.49	107	53936	32.14	ng	99
18) Hexachloroethane	8.78	117	28898	33.53	ng	94
19) n-Nitroso-di-n-propylamine	8.77	70	52132	33.14	ng	97
20) 3+4-Methylphenols	8.87	107	65725	29.57	ng	96
22) Acetophenone	8.68	105	105747	35.78	ng	98
24) Nitrobenzene	9.03	77	77971	35.14	ng	97
25) Isophorone	9.64	82	135808	34.24	ng	97
26) 2-Nitrophenol	9.77	139	36021	32.30	ng	# 89
27) 2,4-Dimethylphenol	10.06	122	59989	34.96	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	80804	35.84	ng	98
29) 2,4-Dichlorophenol	10.38	162	55482	34.69	ng	96
30) 1,2,4-Trichlorobenzene	10.50	180	61739	34.76	ng	93
31) Naphthalene	10.64	128	215337	34.66	ng	100
32) Benzoic acid	10.46	122	23779	25.01	ng	98
33) 4-Chloroaniline	10.90	127	12208	4.86	ng	96
34) Hexachlorobutadiene	11.01	225	35729	33.90	ng	99
35) Caprolactam	11.74	113	11272	23.94	ng	91
36) 4-Chloro-3-methylphenol	12.21	107	64990	35.49	ng	99
37) 2-Methylnaphthalene	12.30	142	150220	35.41	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	59878	37.90	ng	97
40) Hexachlorocyclopentadiene	12.69	237	54738	65.25	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.05	196	40561	35.23	nq	97
43) 2,4,5-Trichlorophenol	13.15	196	40288	34.31	nq	# 93
45) 1,1'-Biphenyl	13.45	154	175917	37.13	nq	99
46) 2-Chloronaphthalene	13.42	162	140574	36.06	nq	98
47) 2-Nitroaniline	13.77	65	45931	38.83	nq	89
48) Acenaphthylene	14.37	152	228796	34.79	nq	99
49) Dimethylphthalate	14.32	163	169530	37.41	nq	98
50) 2,6-Dinitrotoluene	14.43	165	35630	39.35	nq	96
51) Acenaphthene	14.79	154	128839	34.53	nq	96
52) 3-Nitroaniline	14.77	138	11772	11.40	nq	85
53) 2,4-Dinitrophenol	15.05	184	28919	69.81	nq	92
54) Dibenzofuran	15.21	168	200389	36.87	nq	97
55) 4-Nitrophenol	15.37	139	43187	60.79	nq	96
56) 2,4-Dinitrotoluene	15.36	165	50084	37.38	nq	92
57) Fluorene	15.97	166	166291	36.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	31249	36.55	nq	# 90
59) Diethylphthalate	15.98	149	179135	39.11	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	69750	37.02	nq	98
61) 4-Nitroaniline	16.13	138	29265	26.30	nq	98
62) Azobenzene	16.37	77	179178	37.54	nq	98
64) 4,6-Dinitro-2-methylphenol	16.21	198	22083	32.66	nq	88
65) n-Nitrosodiphenylamine	16.32	169	139508	35.90	nq	96
66) 4-Bromophenyl-phenylether	16.94	248	40554	36.73	nq	86
67) Hexachlorobenzene	16.95	284	41288	35.48	nq	96
68) Atrazine	17.32	200	49126	41.66	nq	94
69) Pentachlorophenol	17.33	266	39602	74.70	nq	94
70) Phenanthrene	17.60	178	246679	36.29	nq	99
71) Anthracene	17.68	178	247540	37.35	nq	99
72) Carbazole	17.97	167	233795	36.37	nq	99
73) Di-n-butylphthalate	18.57	149	295026	39.65	nq	99
74) Fluoranthene	19.26	202	257579	36.99	nq	96
76) Benzidine	19.50	184	20160	5.72	nq	99
77) Pyrene	19.53	202	272592	36.09	nq	99
79) Butylbenzylphthalate	20.48	149	128009	37.42	nq	# 97
80) Benzo(a)anthracene	21.07	228	249584	36.09	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	34226	15.58	nq	96
82) Chrysene	21.10	228	221446	35.12	nq	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	183291	38.73	nq	100
84) Di-n-octyl phthalate	21.98	149	322810	39.30	nq	99
85) Indeno(1,2,3-cd)pyrene	23.75	276	250136	37.43	nq	# 82
87) Benzo(b)fluoranthene	22.30	252	230163	33.87	nq	97
88) Benzo(k)fluoranthene	22.30	252	230163	38.77	nq	99
89) Benzo(a)pyrene	22.64	252	227221	37.91	nq	98
90) Dibenzo(a,h)anthracene	23.77	278	206988	37.64	nq	# 95
91) Benzo(g,h,i)perylene	24.03	276	213195	38.99	nq	98

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

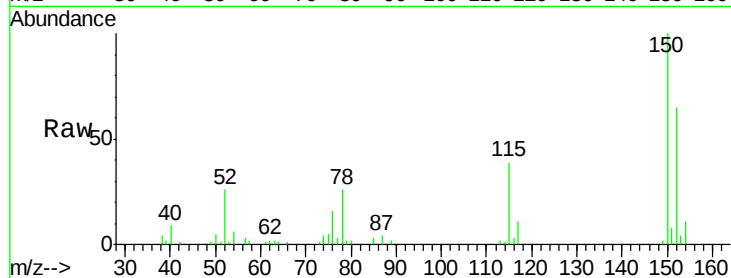


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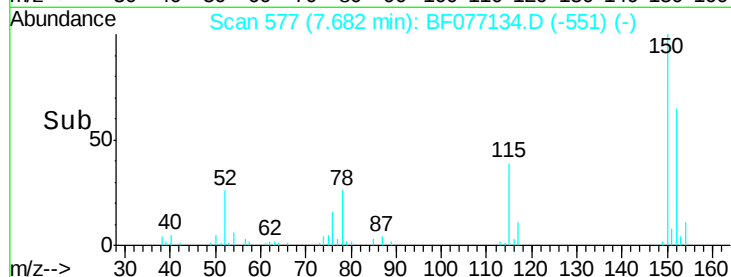
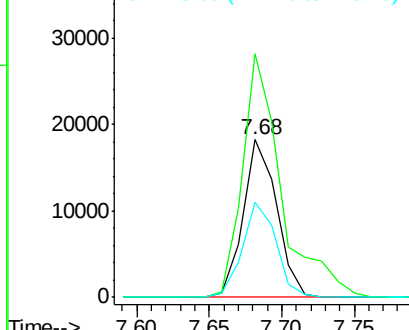
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29291
Ion Ratio Lower Upper
152 100
150 154.7 121.7 182.5
115 60.3 47.0 70.6



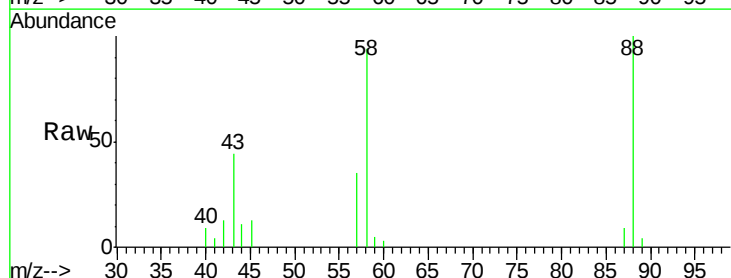
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



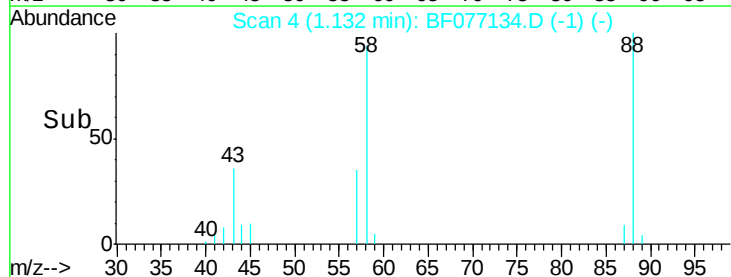
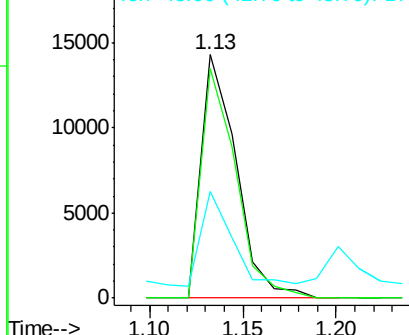
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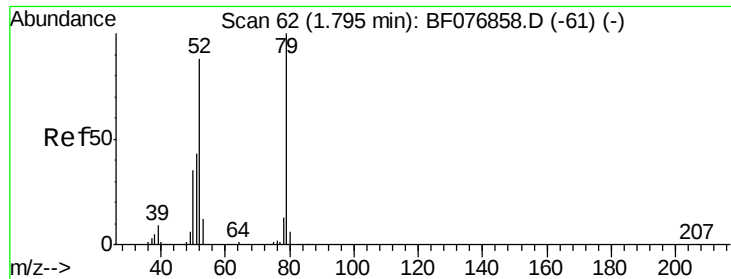
1,4-Dioxane
Concen: 24.40 ng
RT: 1.13 min Scan# 4
Delta R.T. 0.01 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion: 88 Resp: 18613
Ion Ratio Lower Upper
88 100
58 93.5 77.0 115.4
43 34.5 25.6 38.4



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





#3

Pvridine

Concen: 19.93 ng

RT: 1.59 min Scan# 44

Delta R.T. 0.02 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :

BNA_F

ClientSampleId :

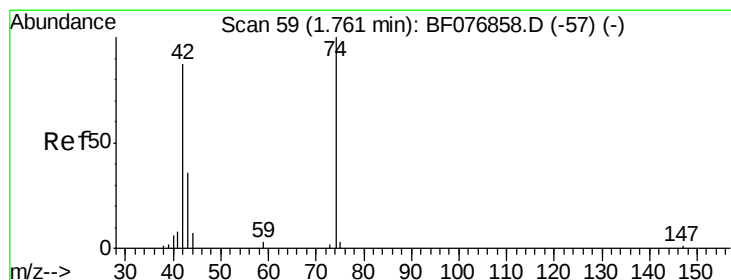
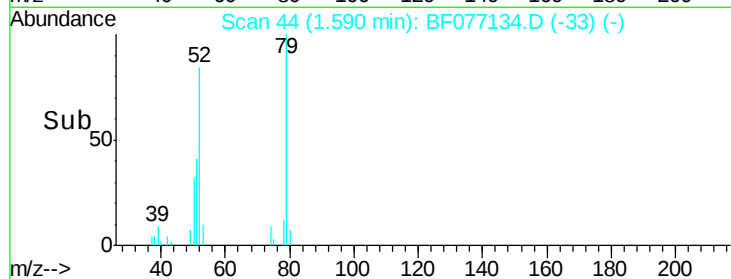
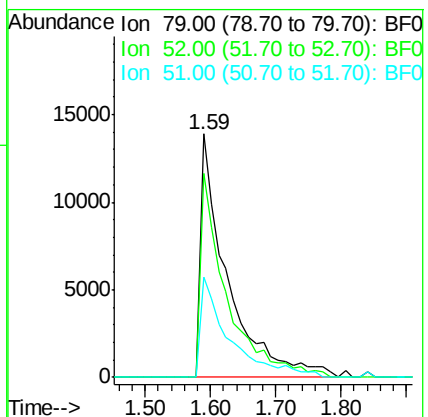
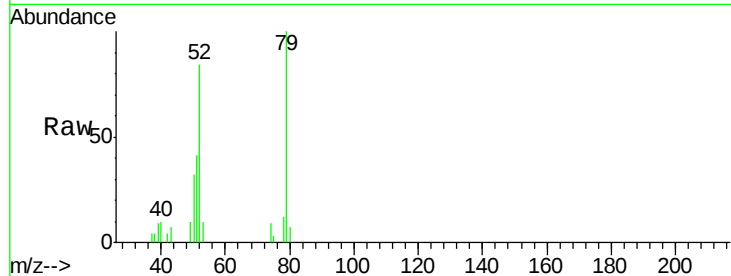
Tot Ion: 79 Resp: 39348

Ion Ratio Lower Upper

79 100

52 83.5 70.1 105.1

51 41.0 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 26.11 ng

RT: 1.53 min Scan# 39

Delta R.T. 0.01 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

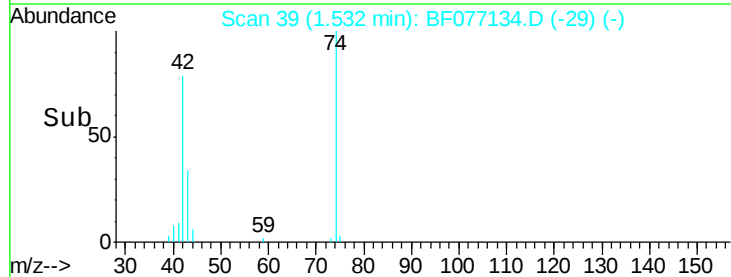
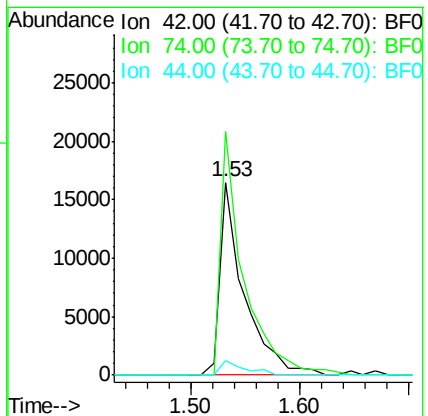
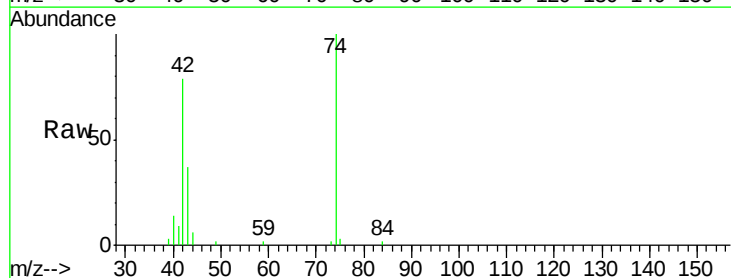
Tgt Ion: 42 Resp: 25528

Ion Ratio Lower Upper

42 100

74 126.2 92.4 138.6

44 7.5 6.2 9.2





#5

2-Fluorophenol

Concen: 96.32 ng

RT: 4.71 min Scan# 317

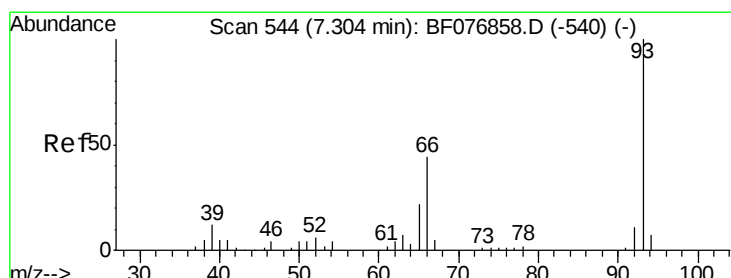
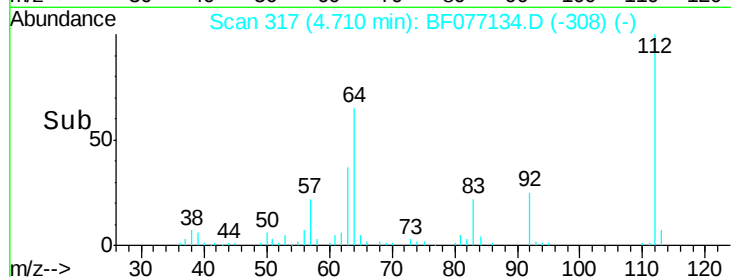
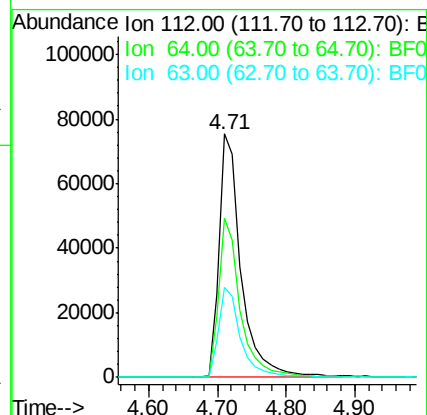
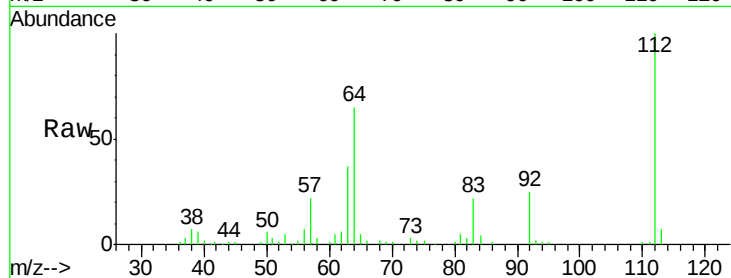
Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	171593
Ion	Ratio	Lower	Upper
112	100		
64	65.2	54.2	81.4
63	37.2	28.4	42.6



#6

Aniline

Concen: 5.59 ng

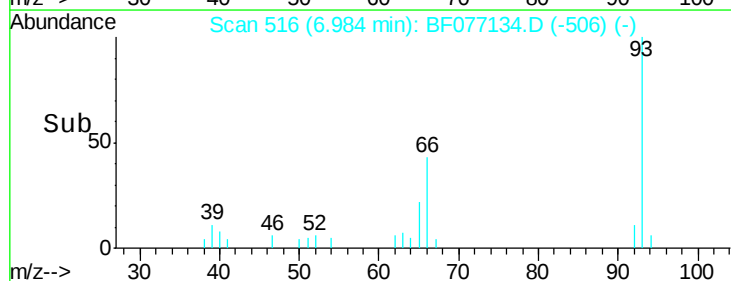
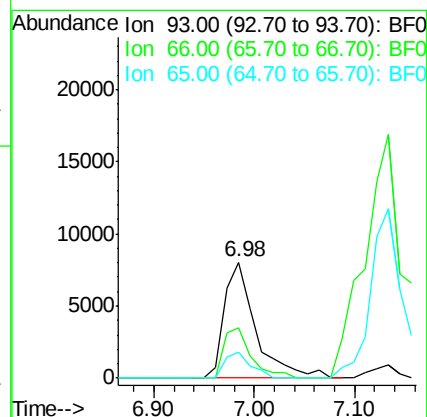
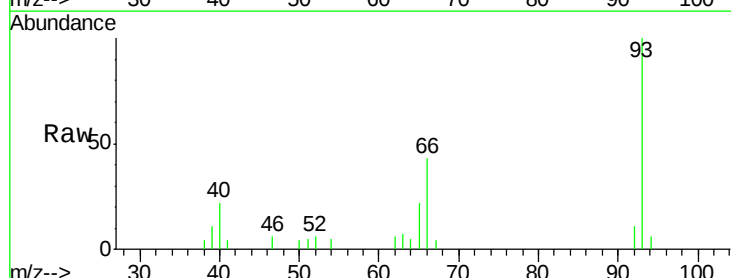
RT: 6.98 min Scan# 516

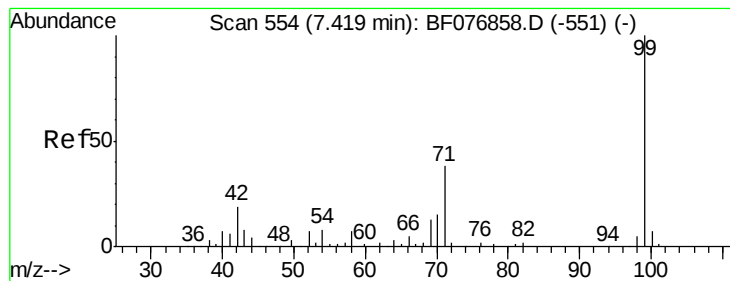
Delta R.T. 0.01 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Tgt Ion:	93	Resp:	17398
Ion	Ratio	Lower	Upper
93	100		
66	43.1	35.0	52.4
65	22.2	17.7	26.5





#7

Phenol-d6

Concen: 93.16 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :

BNA_F

ClientSampleId :

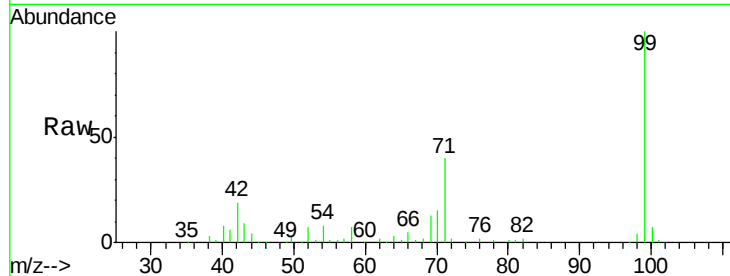
Tot Ion: 99 Resp: 209376

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

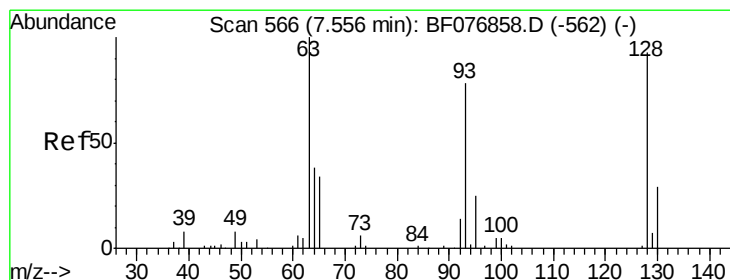
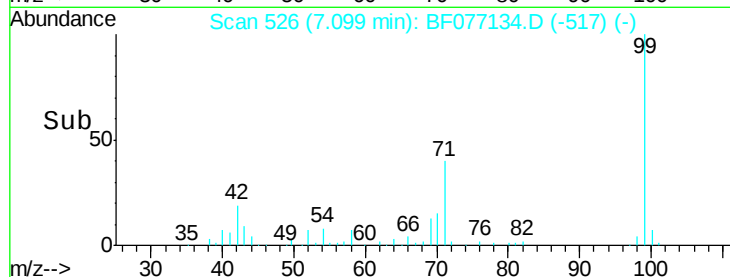
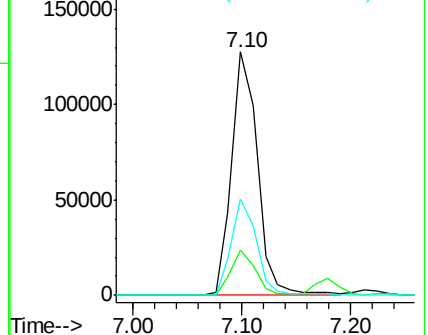
71 39.6 30.5 45.7



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: 32.25 ng

RT: 7.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

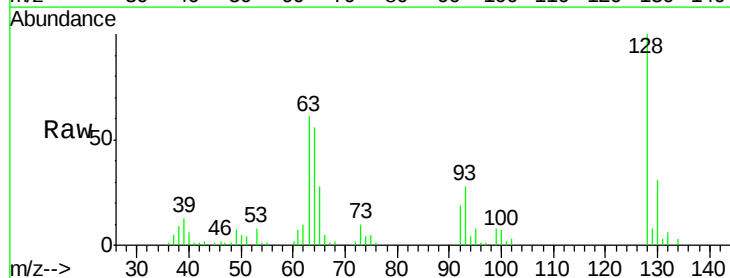
Tgt Ion: 128 Resp: 66234

Ion Ratio Lower Upper

128 100

130 31.1 11.0 51.0

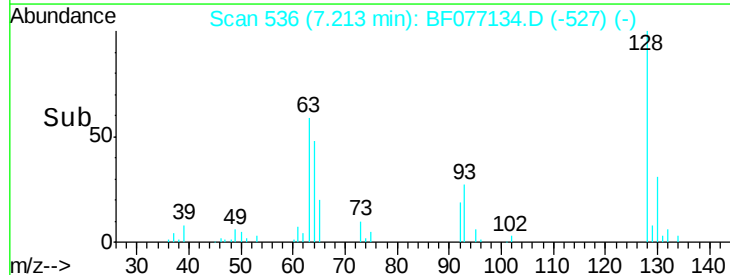
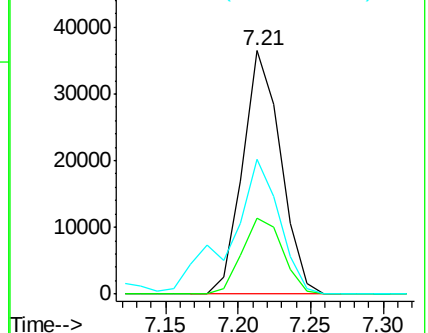
64 55.5 29.3 69.3

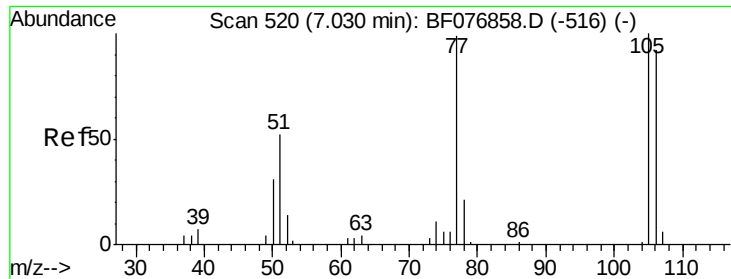


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

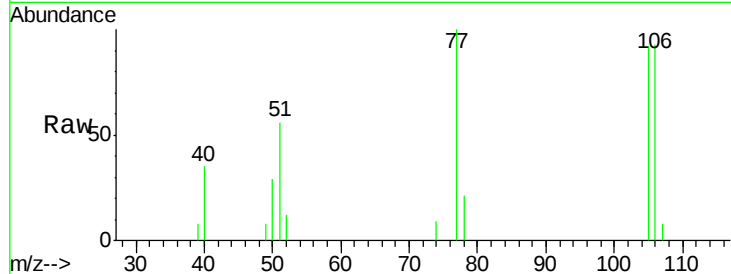




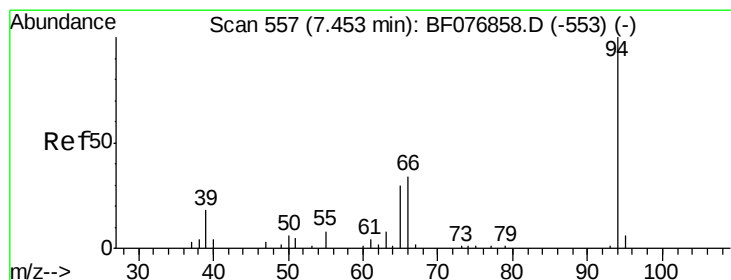
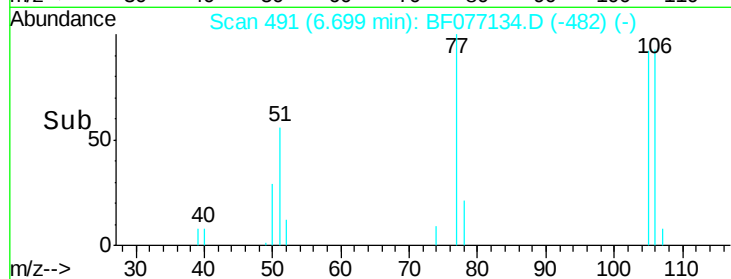
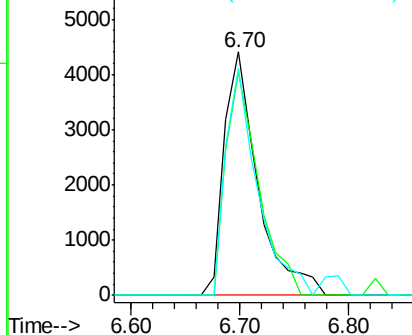
#9
Benzaldehydve
Concen: 5.95 ng
RT: 6.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 9480
Ion Ratio Lower Upper
77 100
105 91.8 81.4 121.4
106 93.2 72.8 112.8

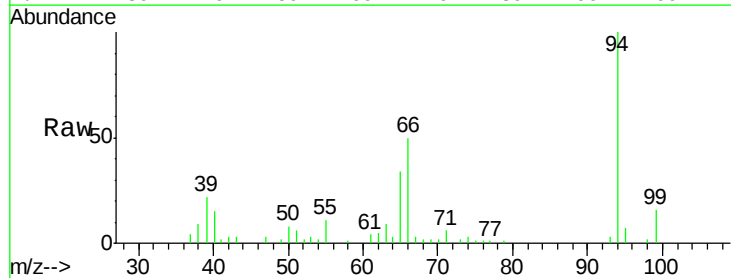


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

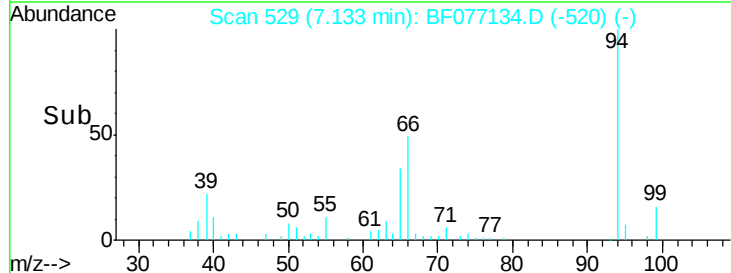
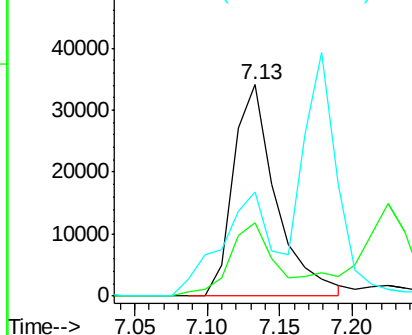


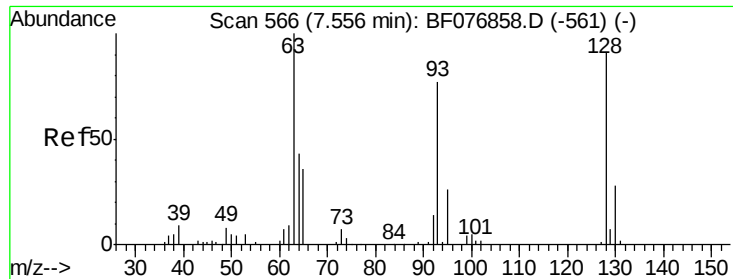
#10
Phenol
Concen: 29.21 ng
RT: 7.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion: 94 Resp: 69705
Ion Ratio Lower Upper
94 100
65 34.5 11.3 51.3
66 49.6 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

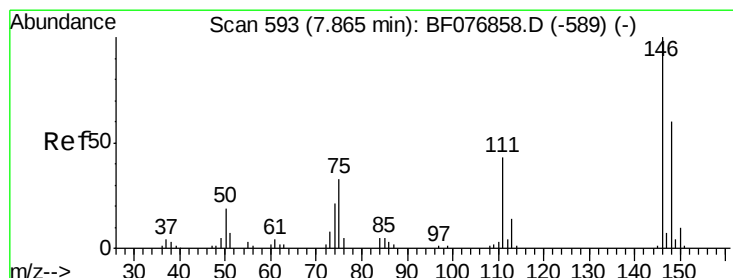
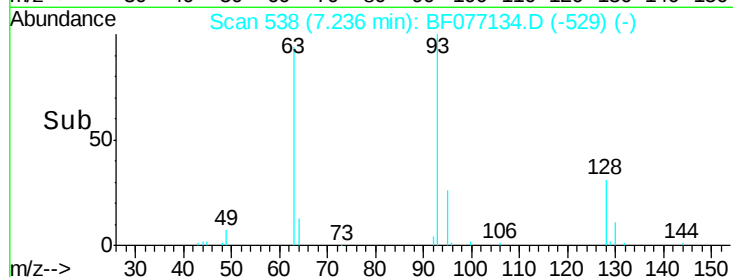
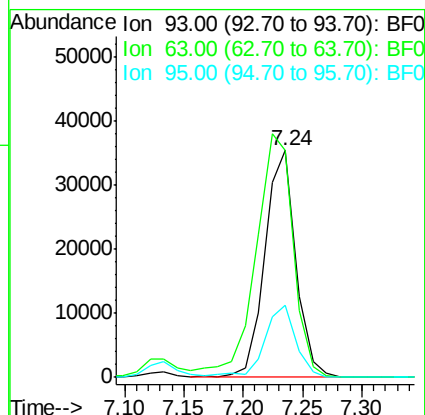
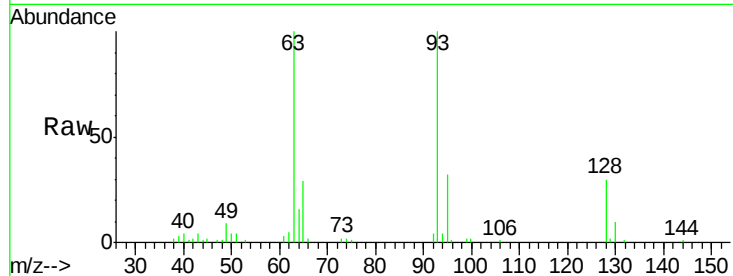




#11
bis(2-Chloroethyl)ether
Concen: 34.45 ng
RT: 7.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

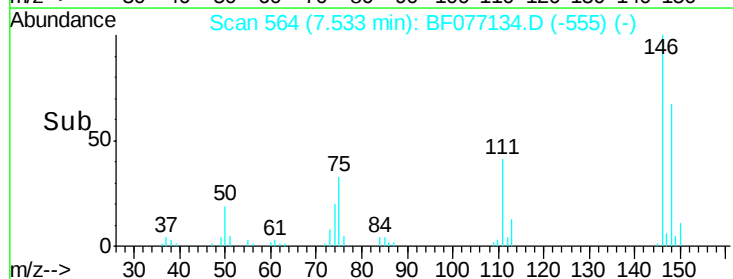
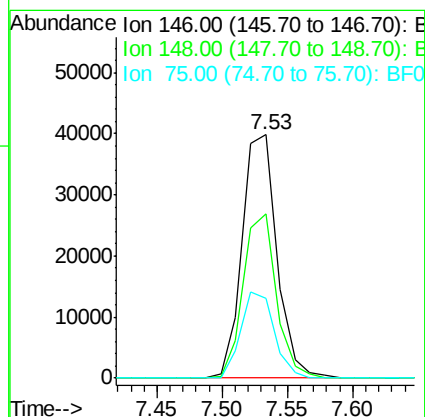
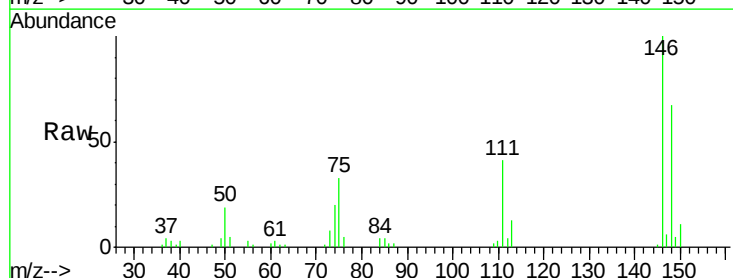
Instrument :
BNA_F
ClientSampleId :

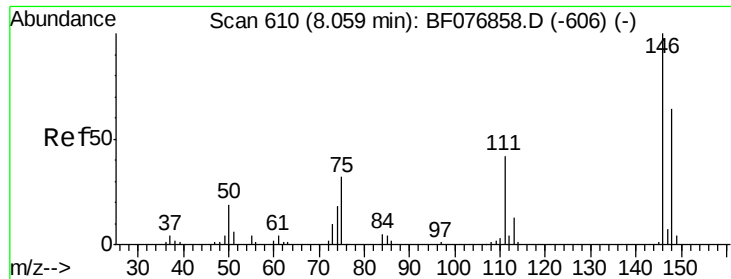
Tot Ion: 93 Resp: 64328
Ion Ratio Lower Upper
93 100
63 100.2 111.3 151.3#
95 32.0 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 31.67 ng
RT: 7.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion: 146 Resp: 73996
Ion Ratio Lower Upper
146 100
148 67.3 48.1 72.1
75 32.9 26.8 40.2

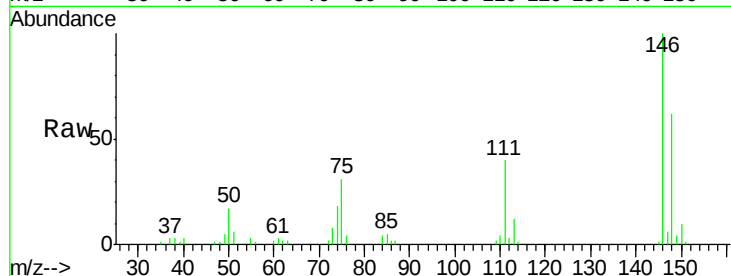




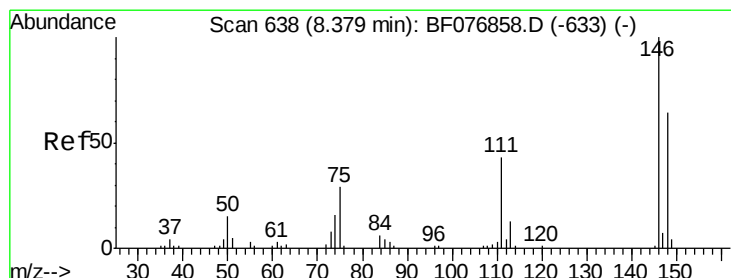
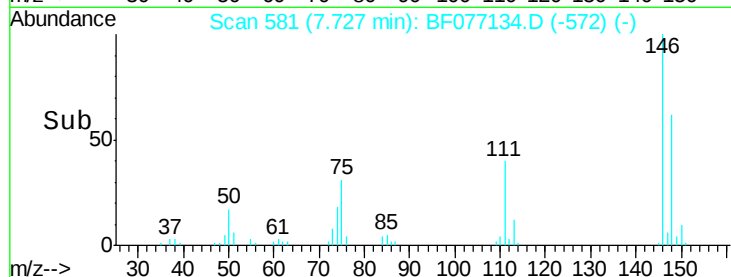
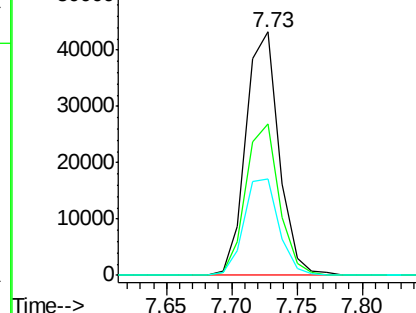
#13
 1,4-Dichlorobenzene
 Concen: 31.02 ng
 RT: 7.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 76864
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.5 77.3
 111 39.7 33.9 50.9

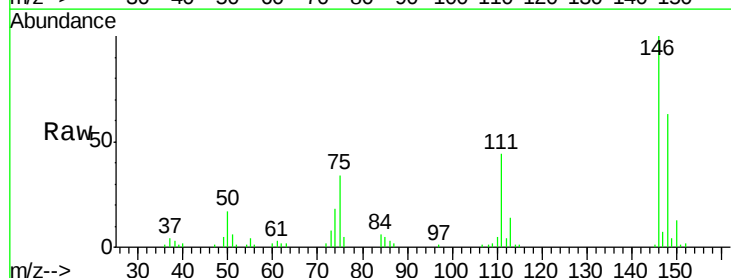


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

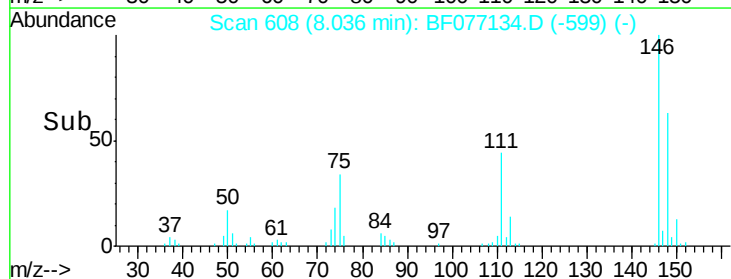
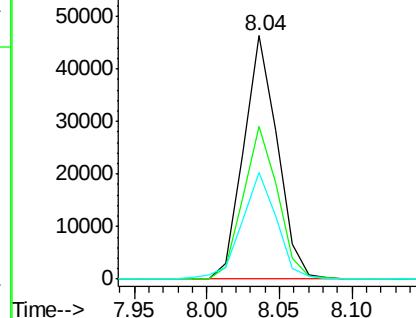


#14
 1,2-Dichlorobenzene
 Concen: 32.77 ng
 RT: 8.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:146 Resp: 74814
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.3 76.9
 111 43.8 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: 33.48 ng

RT: 8.13 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampled :

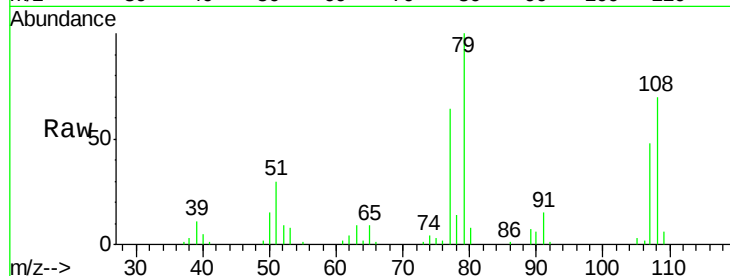
Tot Ion: 79 Resp: 60880

Ion Ratio Lower Upper

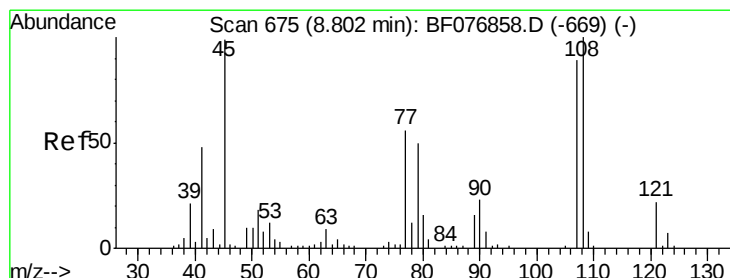
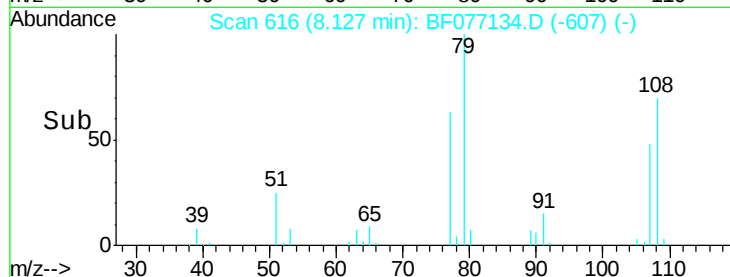
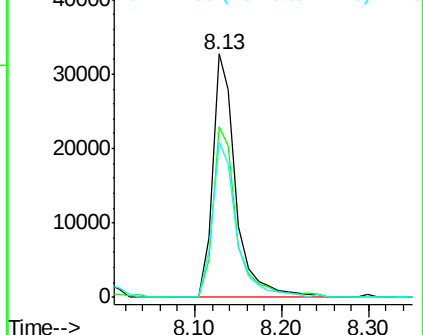
79 100

108 70.3 57.2 85.8

77 64.0 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: 33.00 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

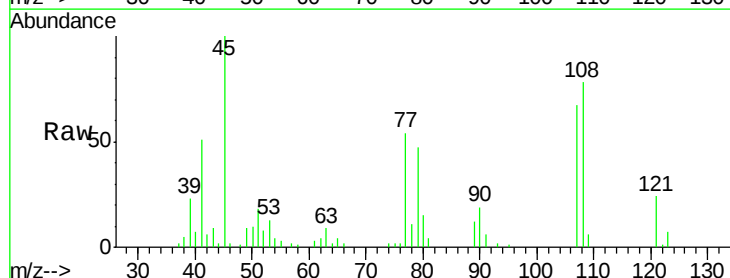
Tgt Ion: 45 Resp: 82831

Ion Ratio Lower Upper

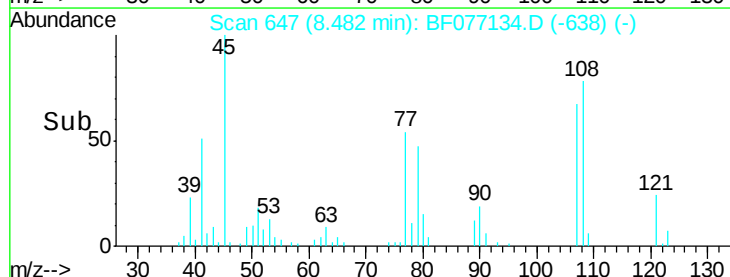
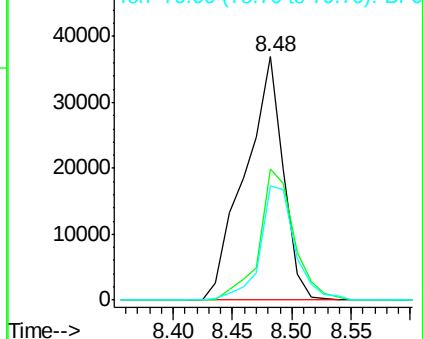
45 100

77 54.0 36.1 76.1

79 46.9 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

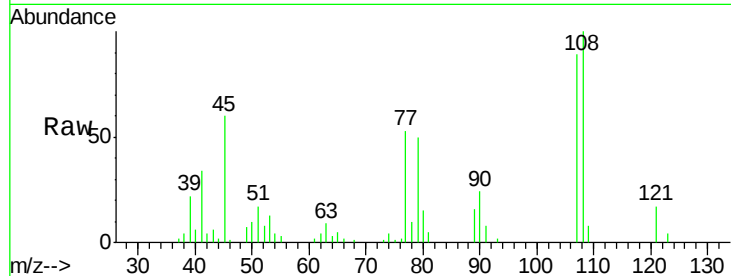




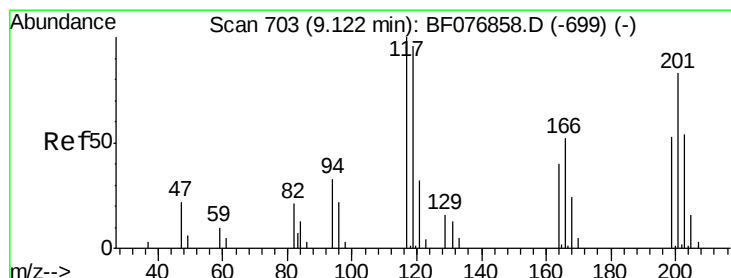
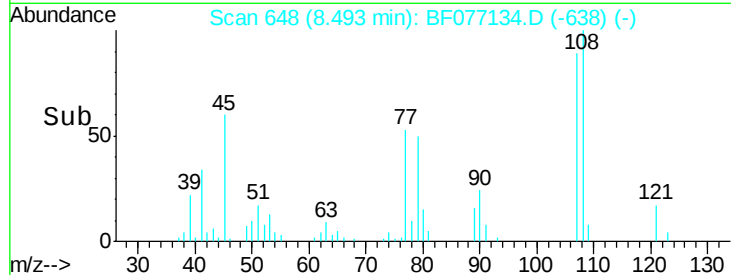
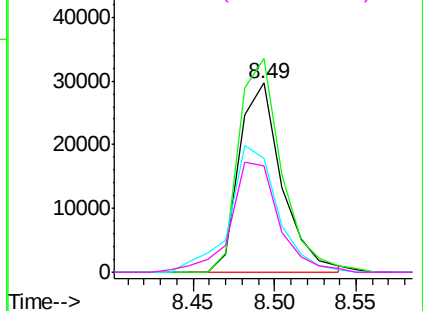
#17
2-Methylphenol
Concen: 32.14 ng
RT: 8.49 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 53936
Ion Ratio Lower Upper
107 100
108 112.9 89.7 134.5
77 60.0 50.1 75.1
79 56.4 45.0 67.6

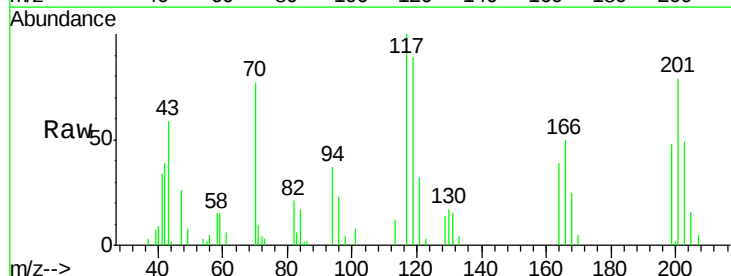


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

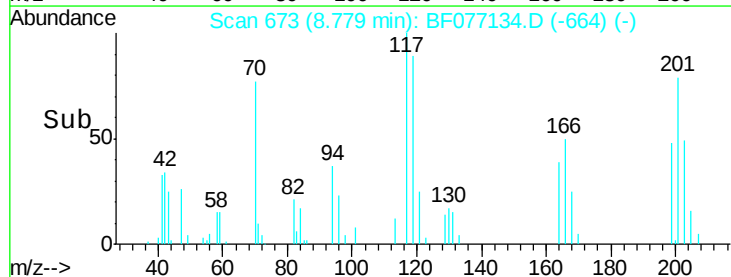
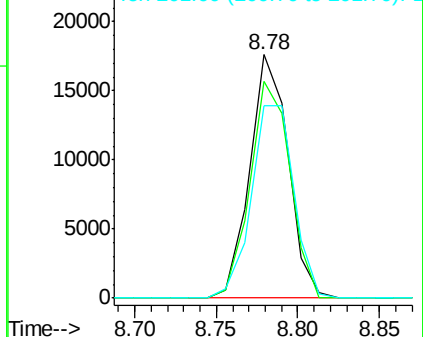


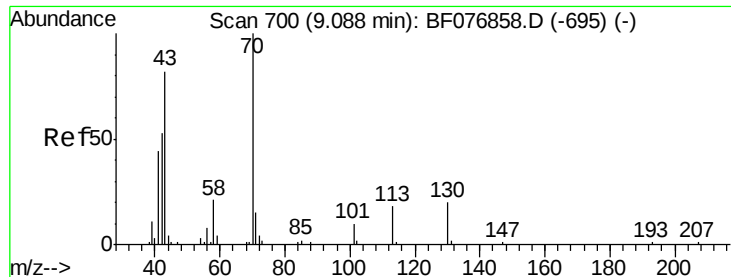
#18
Hexachloroethane
Concen: 33.53 ng
RT: 8.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:117 Resp: 28898
Ion Ratio Lower Upper
117 100
119 89.1 77.1 115.7
201 78.9 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: 33.14 ng

RT: 8.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 52132

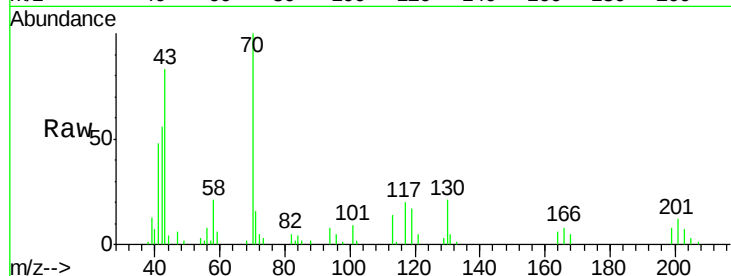
Ion Ratio Lower Upper

70 100

42 55.7 42.1 63.1

101 9.0 7.8 11.8

130 20.5 16.2 24.4



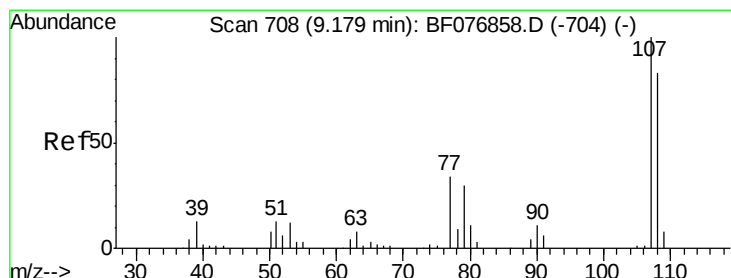
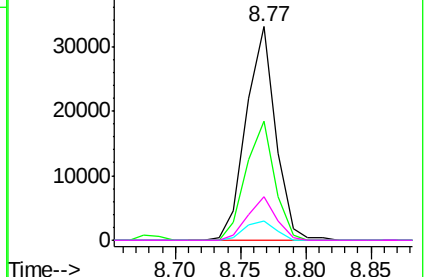
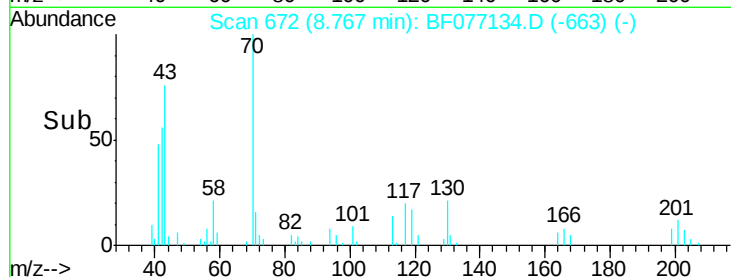
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

Time-->



#20

3+4-Methylphenols

Concen: 29.57 ng

RT: 8.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Tgt Ion: 107 Resp: 65725

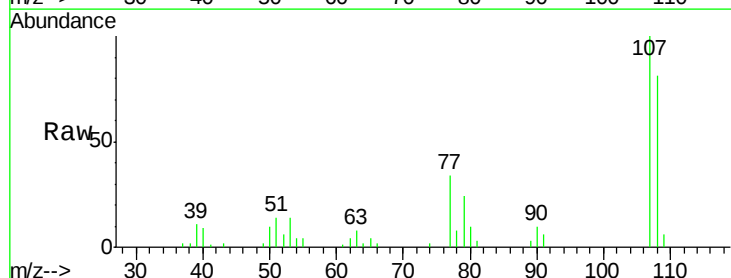
Ion Ratio Lower Upper

107 100

108 81.5 63.5 103.5

77 34.4 14.0 54.0

79 23.7 9.9 49.9



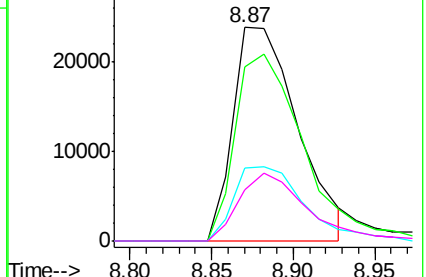
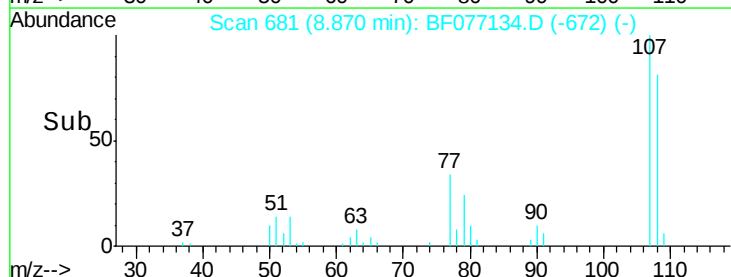
Abundance Ion 107.00 (106.70 to 107.70): BF0

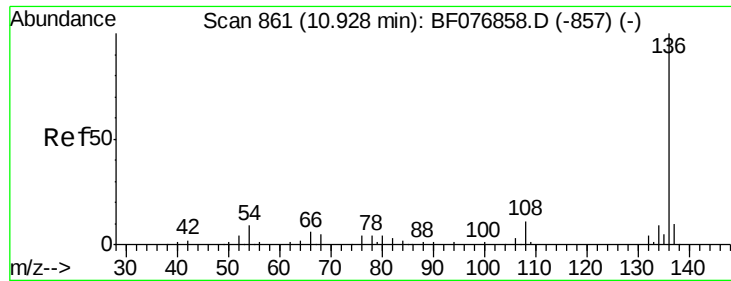
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

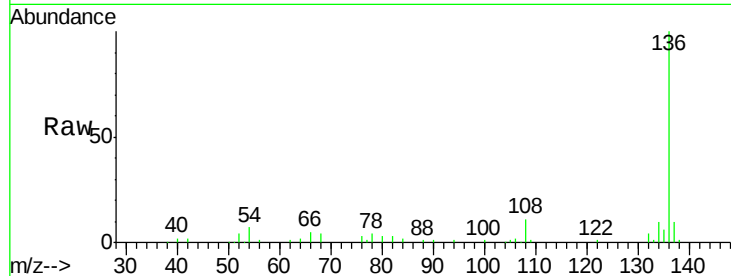




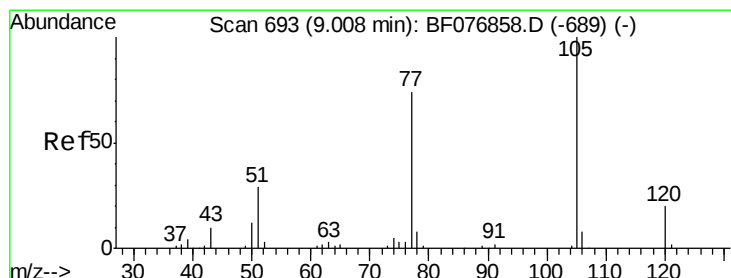
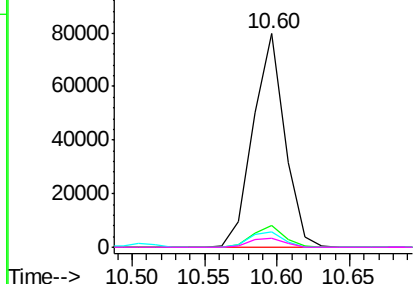
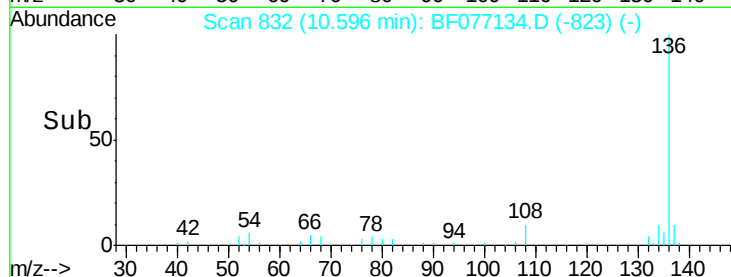
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	120675
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.1 12.1
54	7.0	7.0 10.4
68	4.0	3.7 5.5

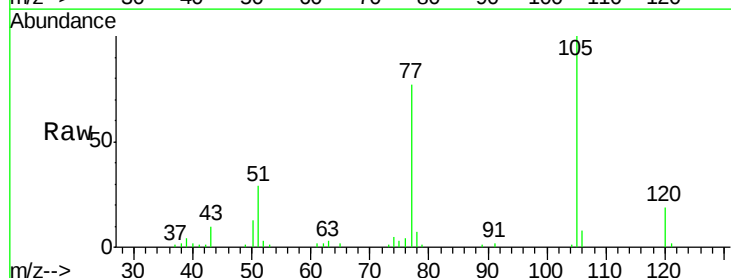


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

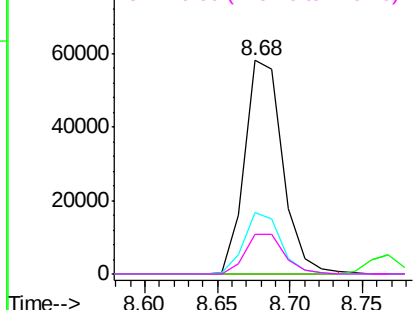
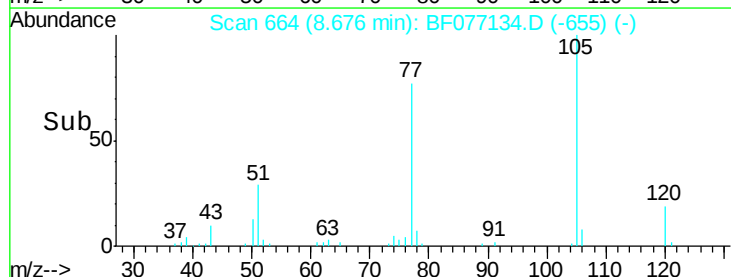


#22
Acetophenone
Concen: 35.78 ng
RT: 8.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:105	Resp:	105747
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	28.5	23.3 34.9
120	18.5	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

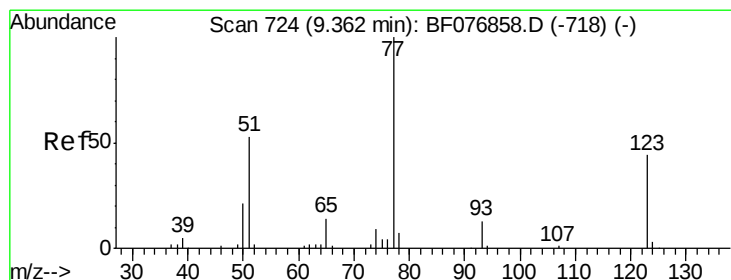
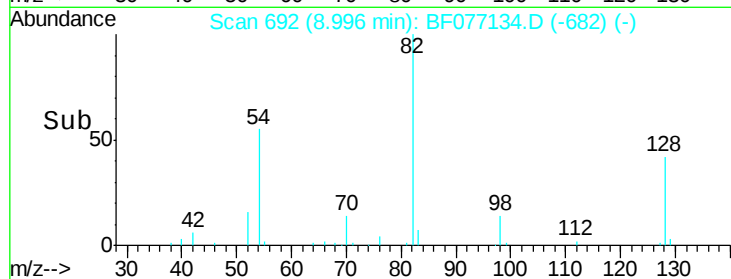
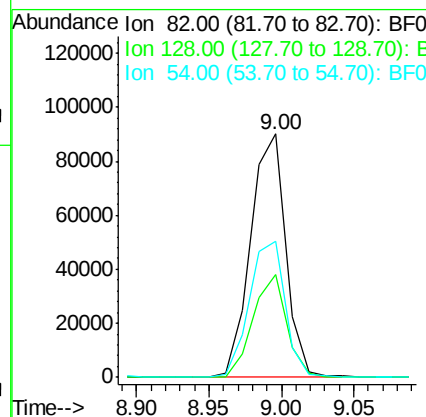
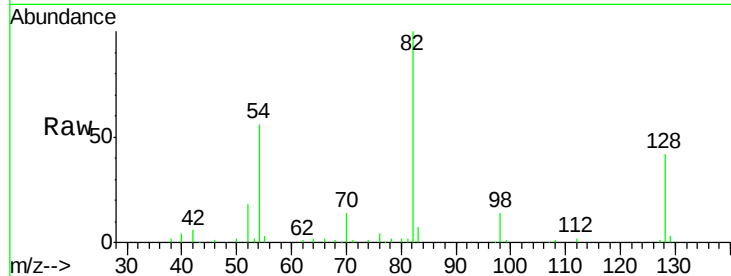




#23
 Nitrobenzene-d5
 Concen: 69.56 ng
 RT: 9.00 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

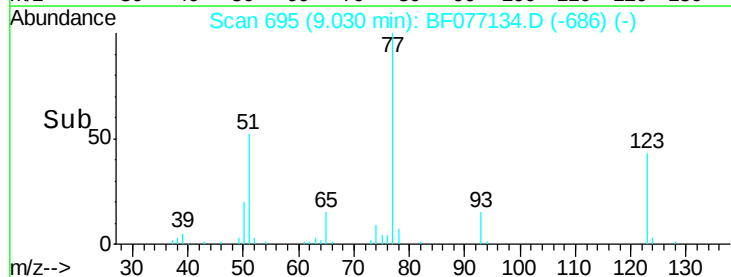
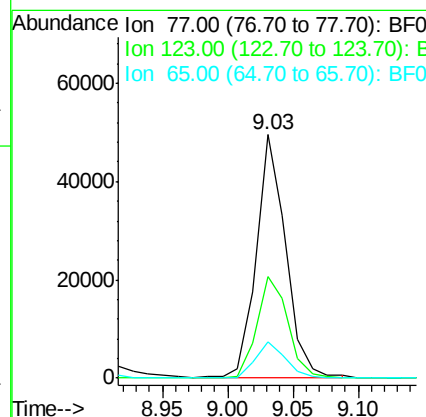
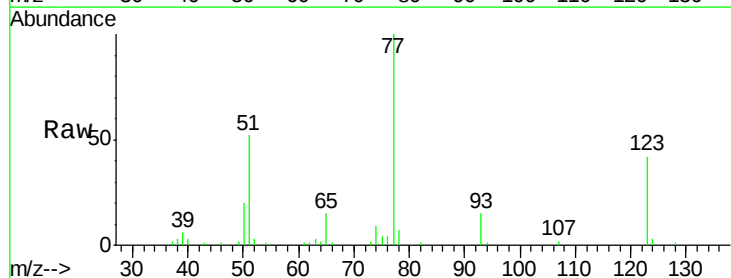
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	151515
Ion Ratio	100	Lower	Upper
128	42.4	33.1	49.7
54	55.9	48.3	72.5



#24
 Nitrobenzene
 Concen: 35.14 ng
 RT: 9.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion	77	Resp	77971
Ion Ratio	100	Lower	Upper
123	41.8	35.2	52.8
65	15.0	11.4	17.2





#25

Isophorone

Concen: 34.24 ng

RT: 9.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :

BNA_F

ClientSampleId :

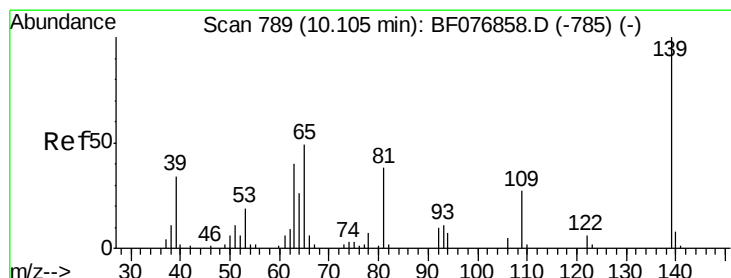
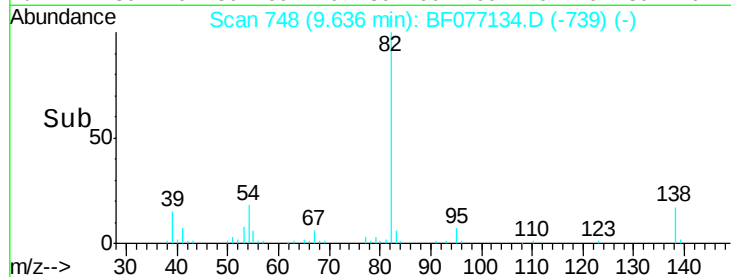
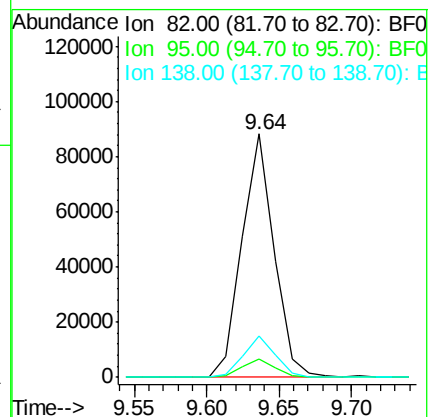
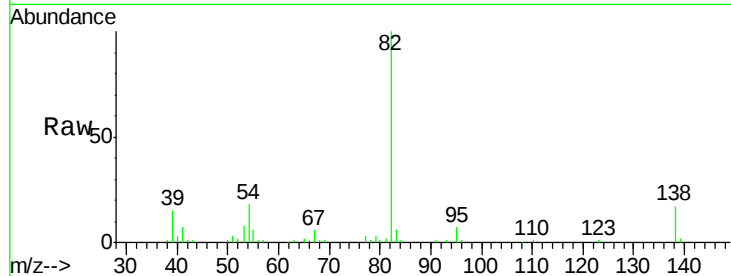
Tot Ion: 82 Resp: 135808

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

138 17.0 12.6 18.8



#26

2-Nitrophenol

Concen: 32.30 ng

RT: 9.77 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

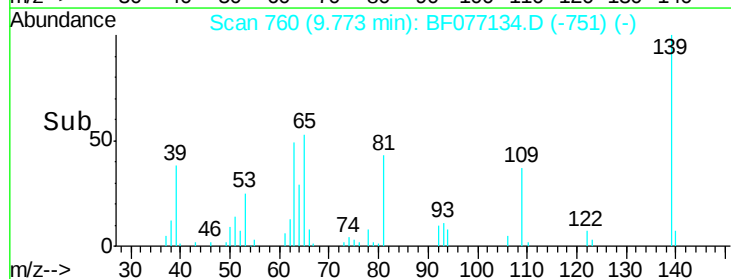
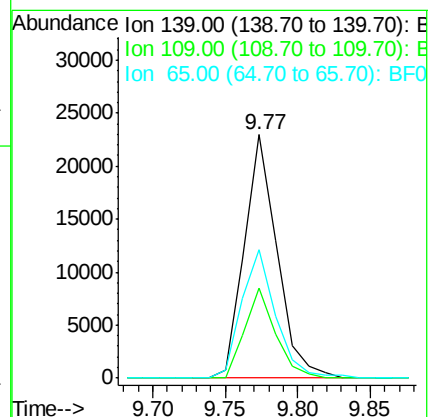
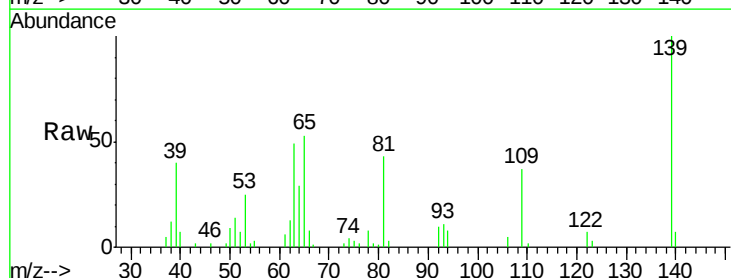
Tgt Ion: 139 Resp: 36021

Ion Ratio Lower Upper

139 100

109 37.1 21.3 31.9#

65 52.8 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 34.96 ng

RT: 10.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :

BNA_F

ClientSampleId :

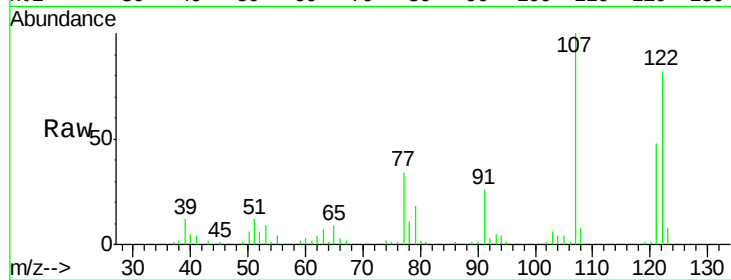
Tot Ion:122 Resp: 59989

Ion Ratio Lower Upper

122 100

107 121.5 95.2 142.8

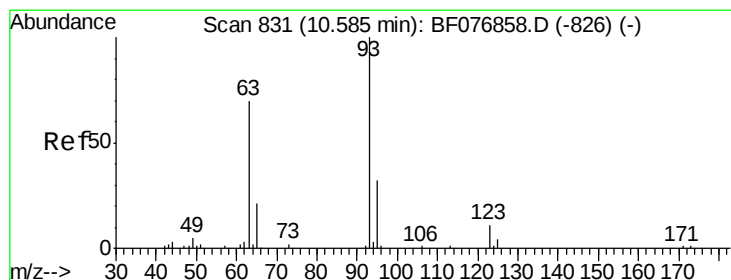
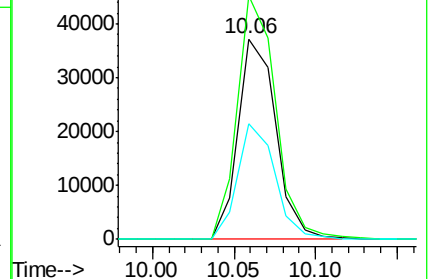
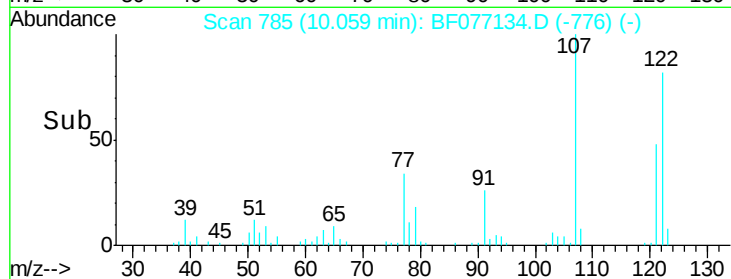
121 57.9 42.9 64.3



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: 35.84 ng

RT: 10.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

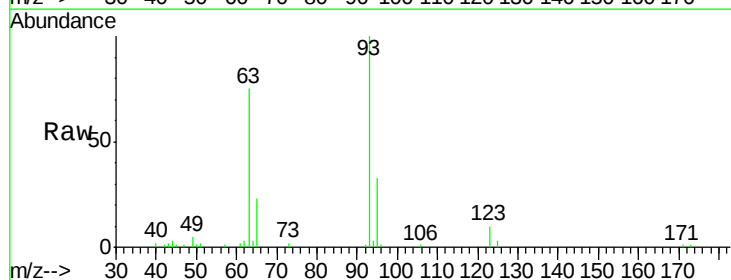
Tgt Ion: 93 Resp: 80804

Ion Ratio Lower Upper

93 100

95 32.9 25.6 38.4

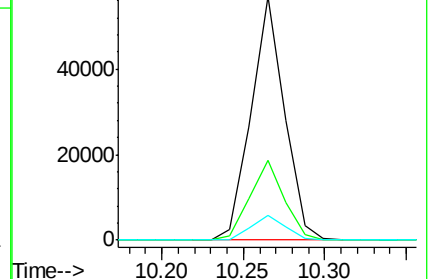
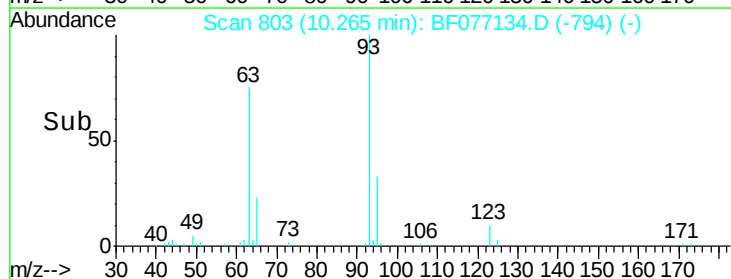
123 10.2 8.9 13.3



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

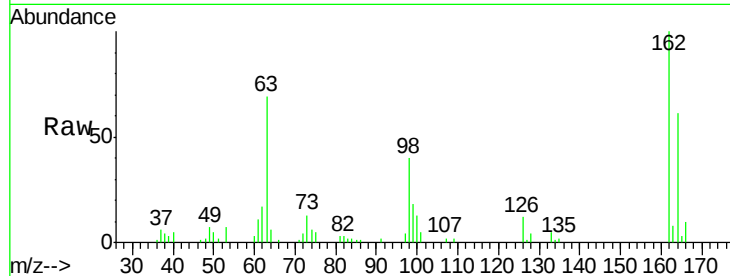




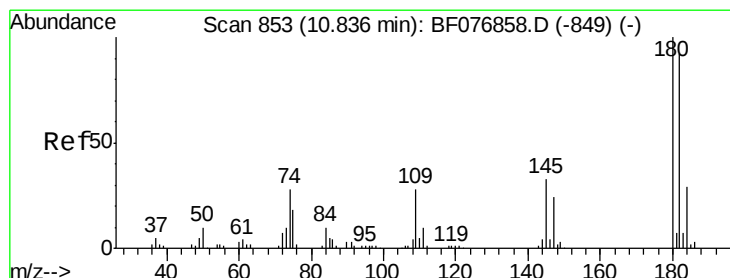
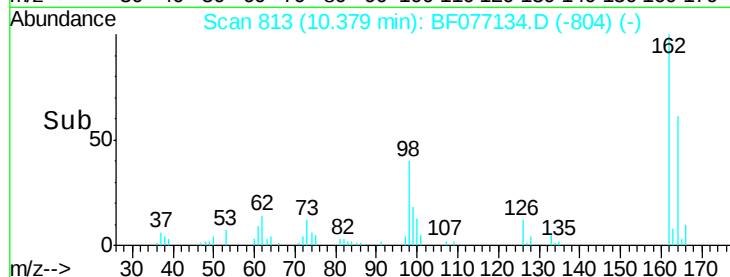
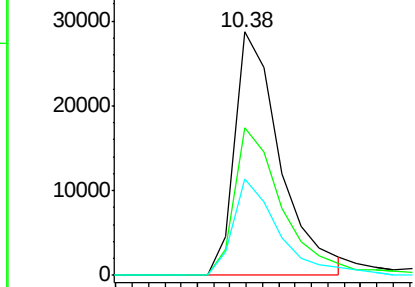
#29
 2,4-Dichlorophenol
 Concen: 34.69 ng
 RT: 10.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 55482
 Ion Ratio Lower Upper
 162 100
 164 60.7 43.8 83.8
 98 39.8 22.5 62.5

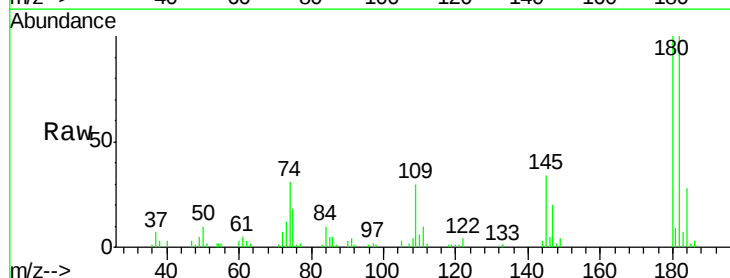


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

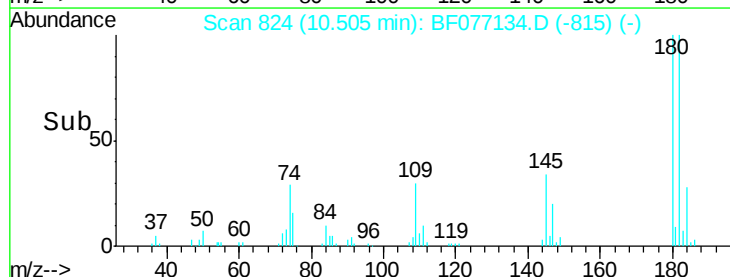
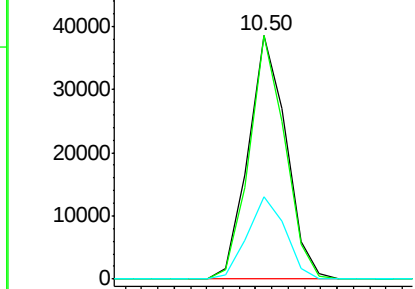


#30
 1,2,4-Trichlorobenzene
 Concen: 34.76 ng
 RT: 10.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:180 Resp: 61739
 Ion Ratio Lower Upper
 180 100
 182 100.1 73.6 110.4
 145 33.9 26.6 39.8



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

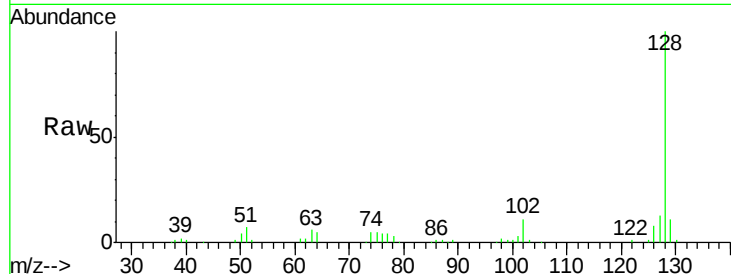




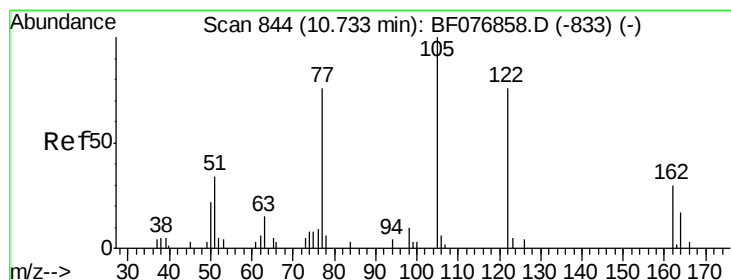
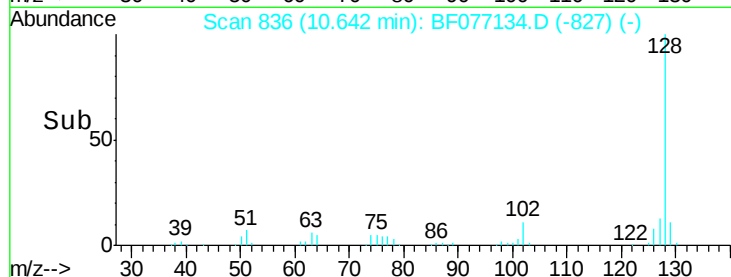
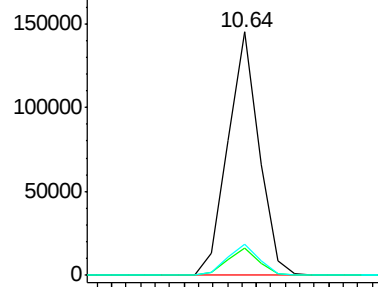
#31
Naphthalene
Concen: 34.66 ng
RT: 10.64 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 215337
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.8 10.2 15.2

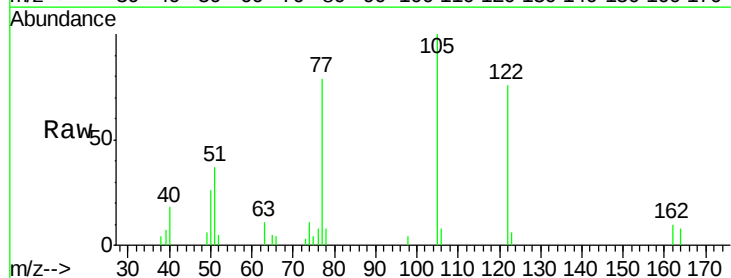


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

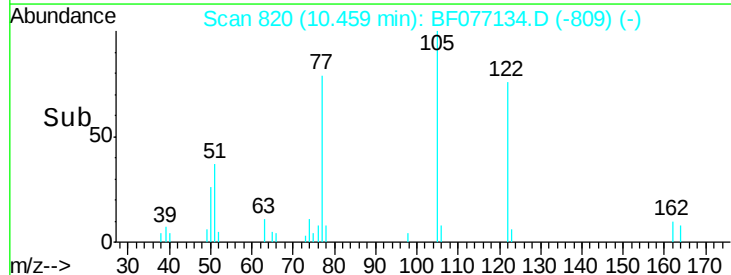
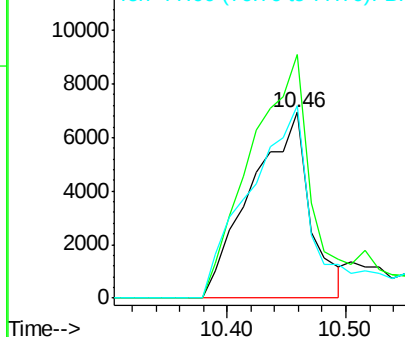


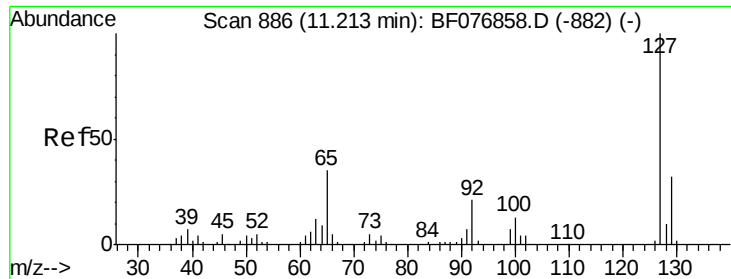
#32
Benzoic acid
Concen: 25.01 ng
RT: 10.46 min Scan# 820
Delta R.T. 0.02 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:122 Resp: 23779
Ion Ratio Lower Upper
122 100
105 131.2 111.3 151.3
77 103.7 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

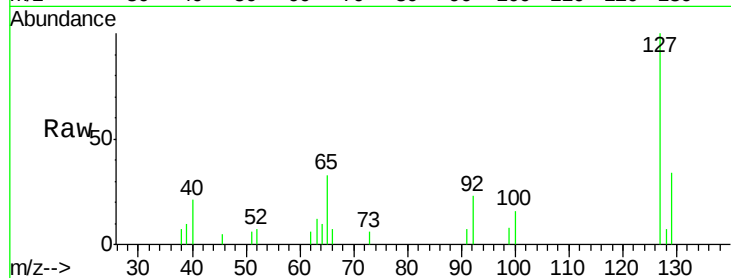




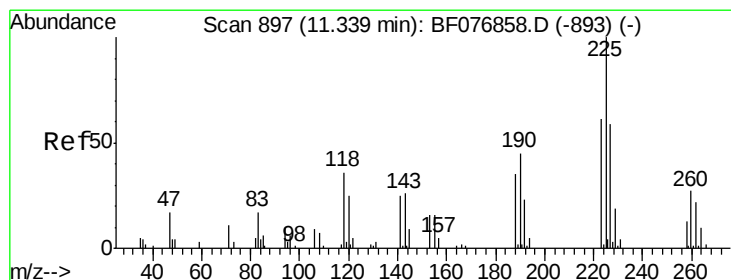
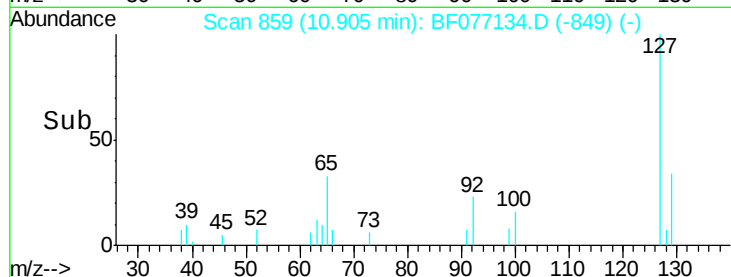
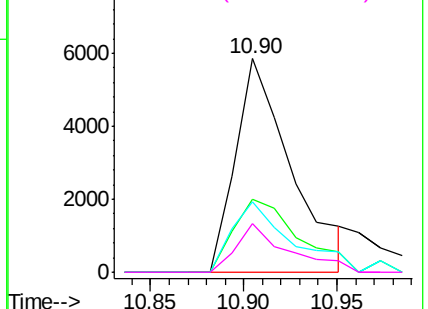
#33
4-Chloroaniline
Concen: 4.86 ng
RT: 10.90 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	12208
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.3	37.9
65	32.7	27.8	41.6
92	22.6	16.5	24.7

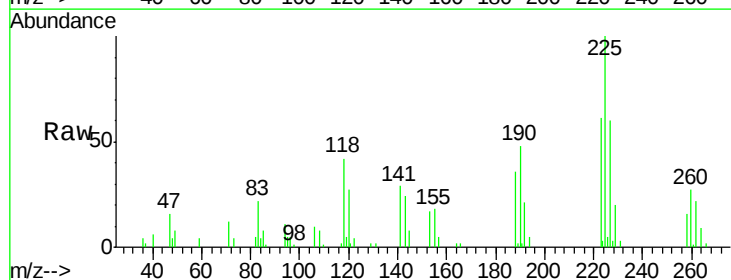


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

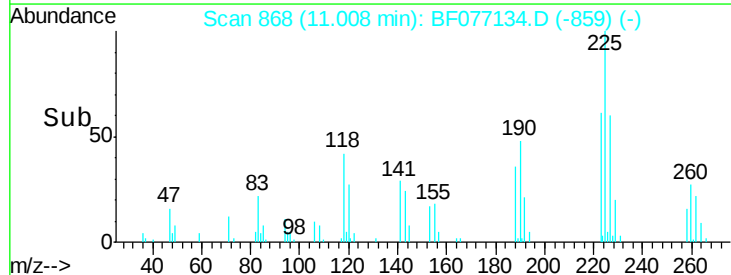
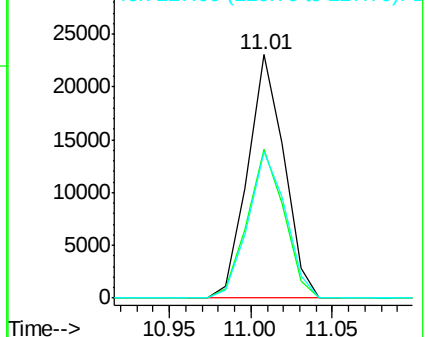


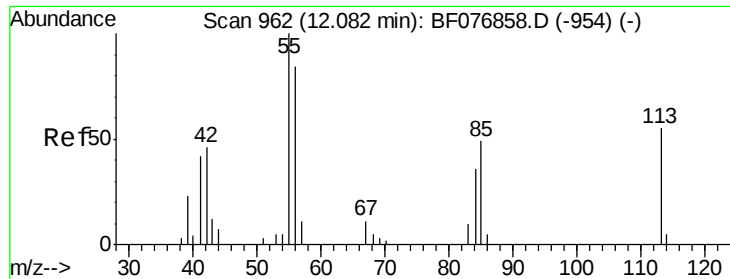
#34
Hexachlorobutadiene
Concen: 33.90 ng
RT: 11.01 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:	225	Resp:	35729
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.1	73.7
227	60.2	47.5	71.3



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

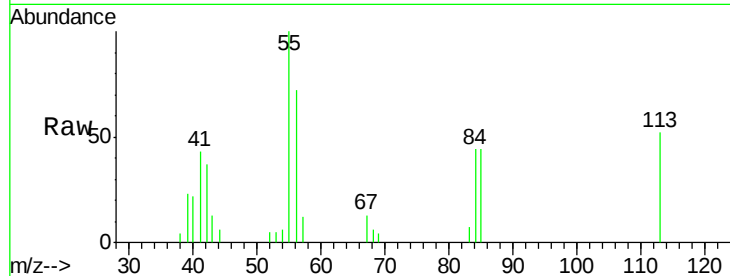




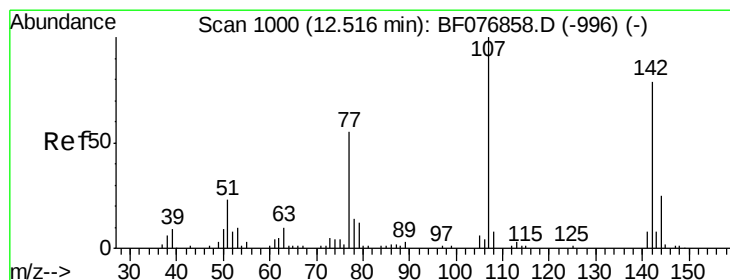
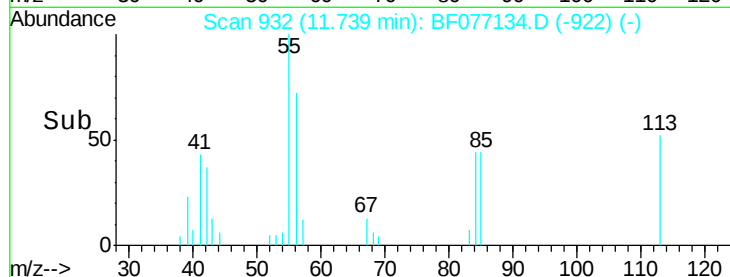
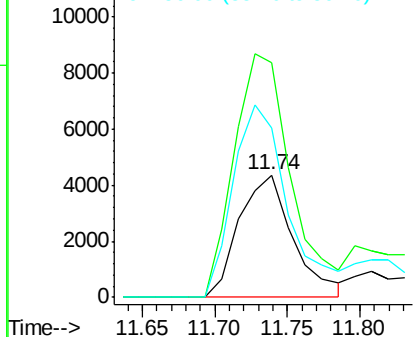
#35
 Caprolactam
 Concen: 23.94 ng
 RT: 11.74 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 11272
 Ion Ratio Lower Upper
 113 100
 55 192.5 162.1 202.1
 56 139.2 133.7 173.7

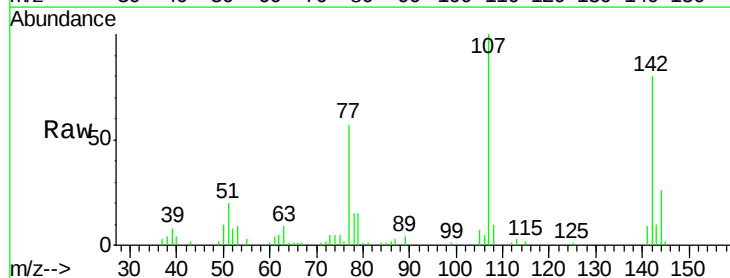


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

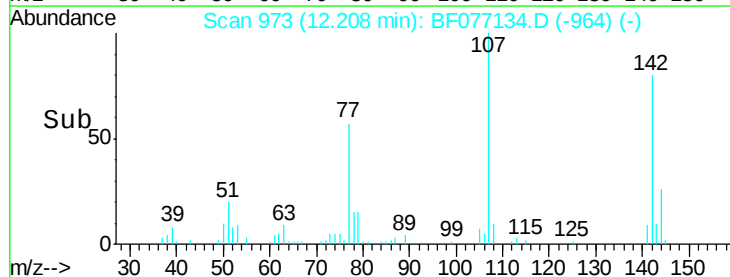
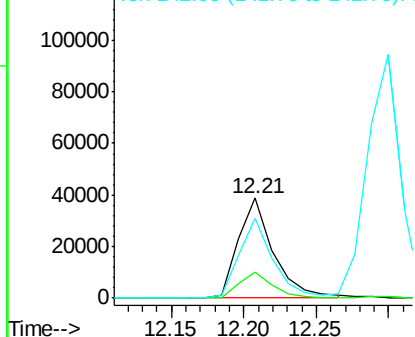


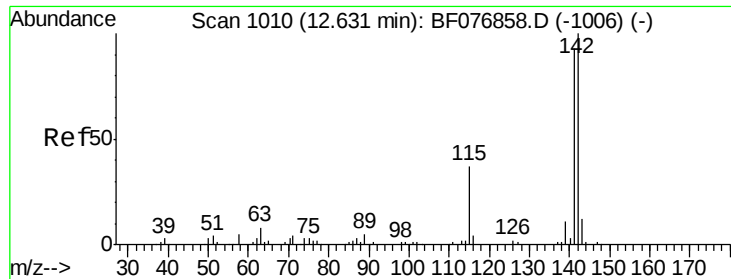
#36
 4-Chloro-3-methylphenol
 Concen: 35.49 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:107 Resp: 64990
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.0 30.0
 142 80.1 63.5 95.3



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

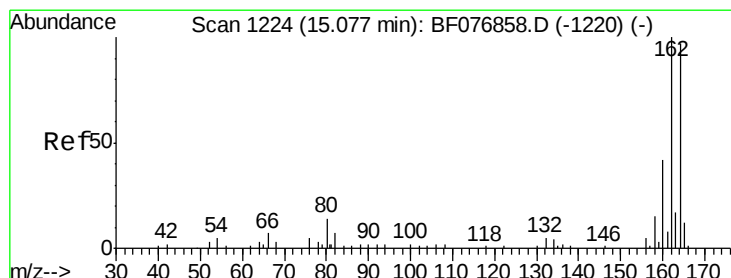
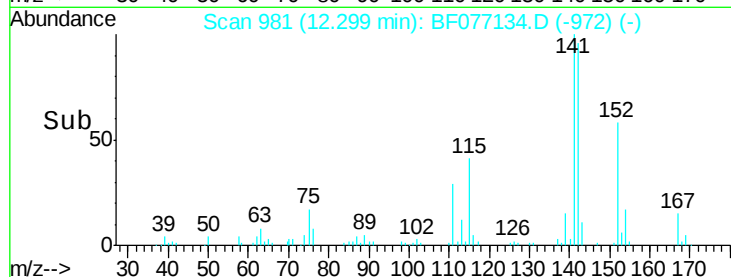
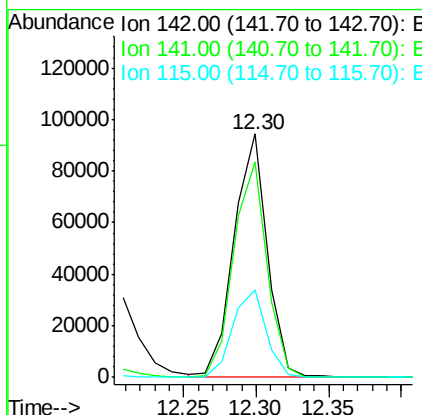
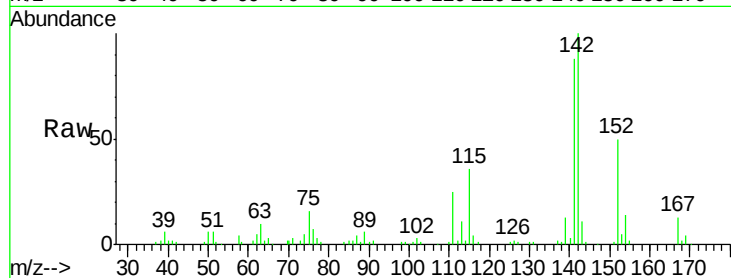




#37
2-Methylnaphthalene
Concen: 35.41 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

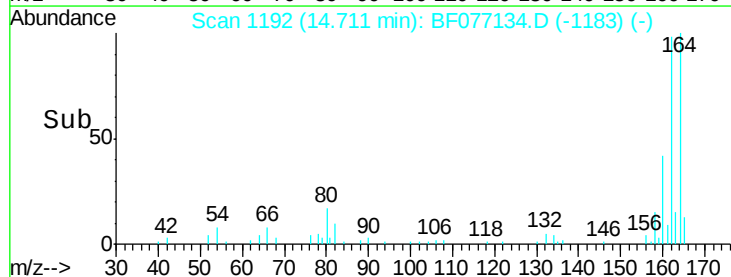
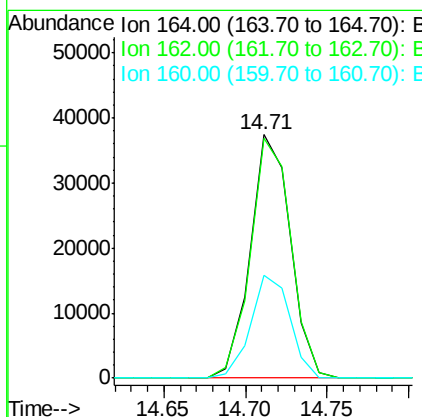
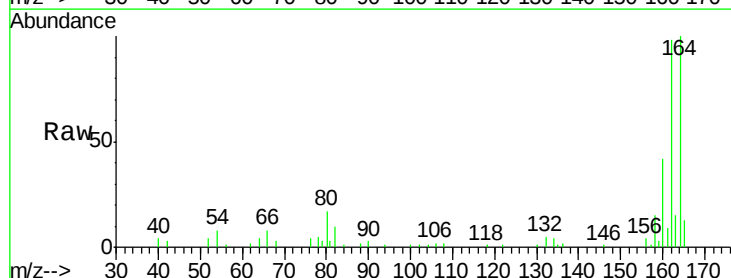
Instrument :
BNA_F
ClientSampleId :

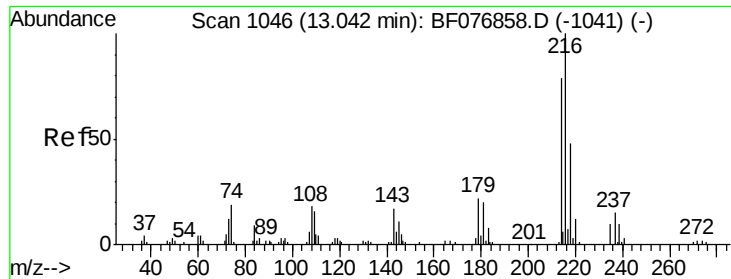
Tot Ion:142 Resp: 150220
Ion Ratio Lower Upper
142 100
141 88.5 74.5 111.7
115 35.9 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:164 Resp: 63909
Ion Ratio Lower Upper
164 100
162 98.5 82.4 123.6
160 42.2 34.8 52.2

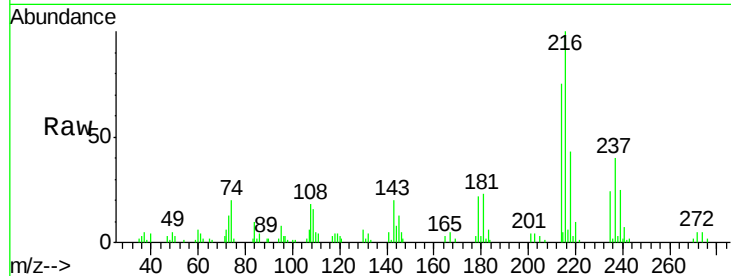




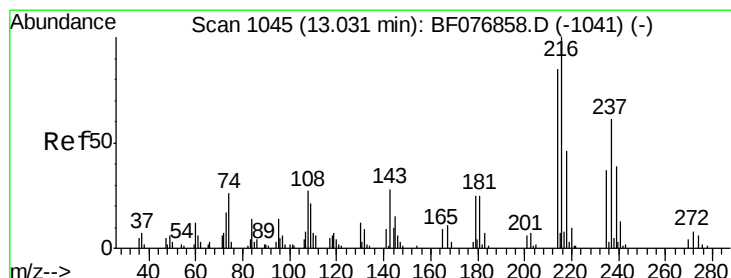
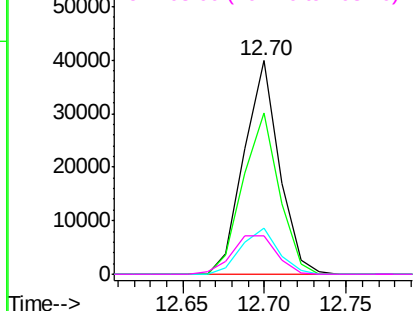
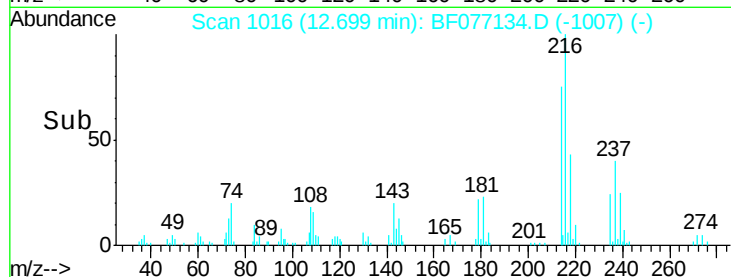
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.90 ng
 RT: 12.70 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	59878
Ion Ratio	Lower	Upper
216	100	
214	77.3	64.9 97.3
179	22.8	18.6 28.0
108	23.1	18.1 27.1

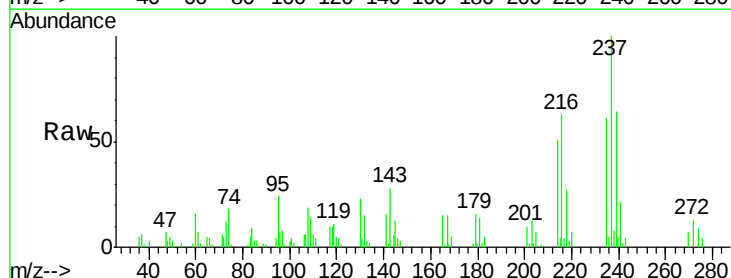


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

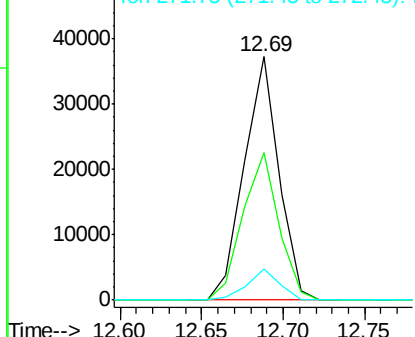
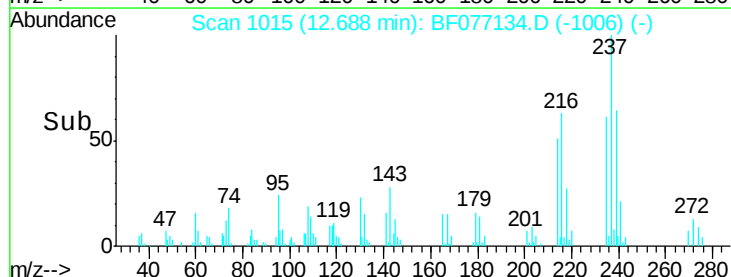


#40
 Hexachlorocyclopentadiene
 Concen: 65.25 ng
 RT: 12.69 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:237	Resp:	54738
Ion Ratio	Lower	Upper
237	100	
235	60.6	40.4 80.4
272	12.7	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

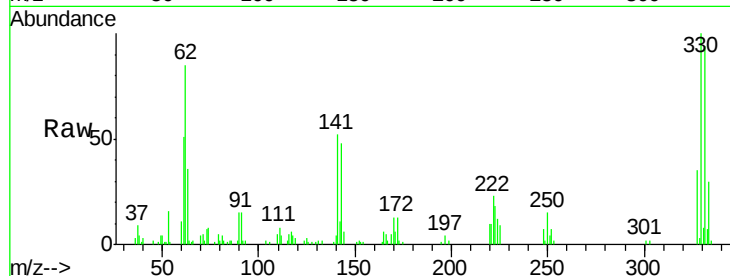




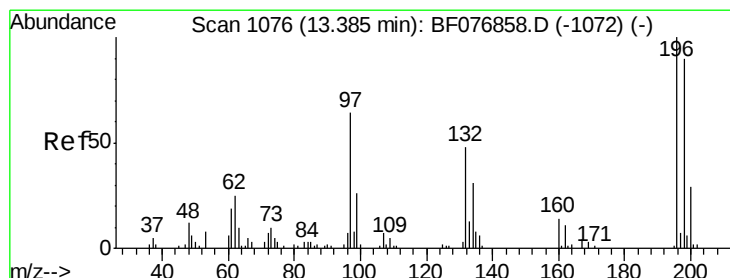
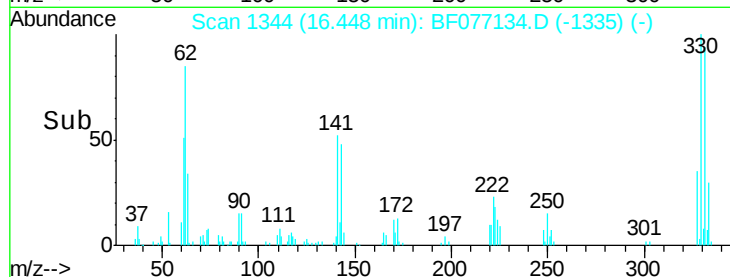
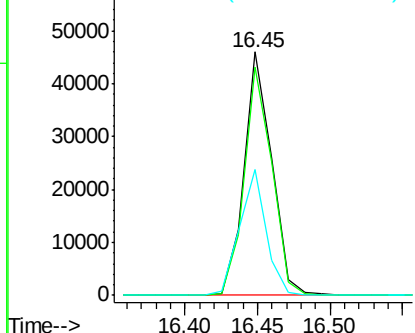
#41
 2,4,6-Tribromophenol
 Concen: 116.95 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 60668
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.8 116.6
 141 49.8 38.5 57.7

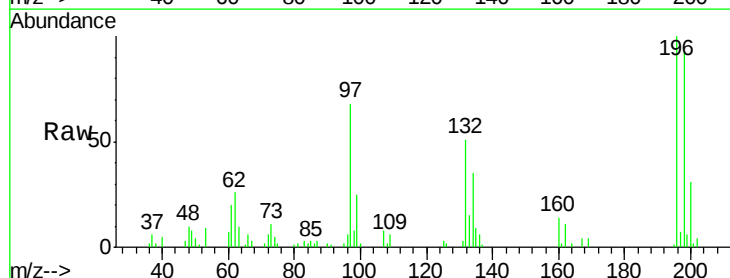


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

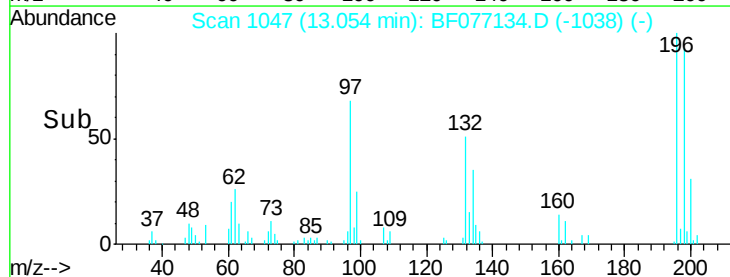
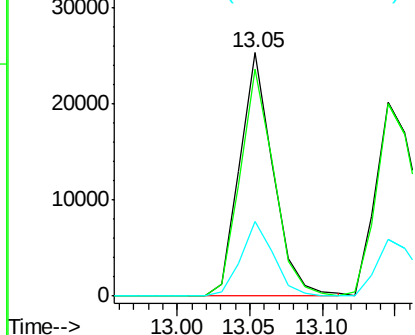


#42
 2,4,6-Trichlorophenol
 Concen: 35.23 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:196 Resp: 40561
 Ion Ratio Lower Upper
 196 100
 198 93.4 72.0 108.0
 200 30.8 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

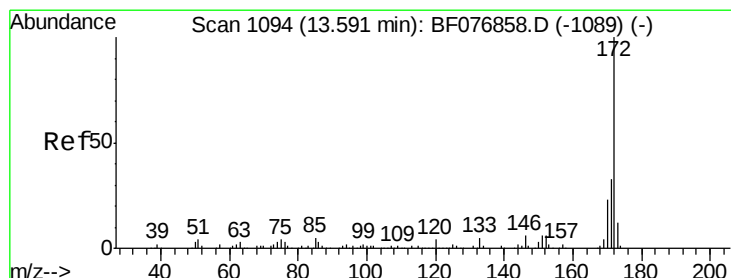
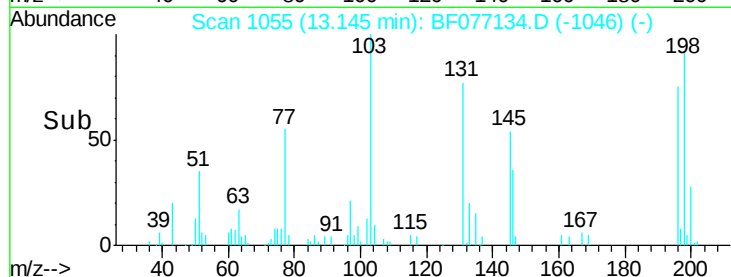
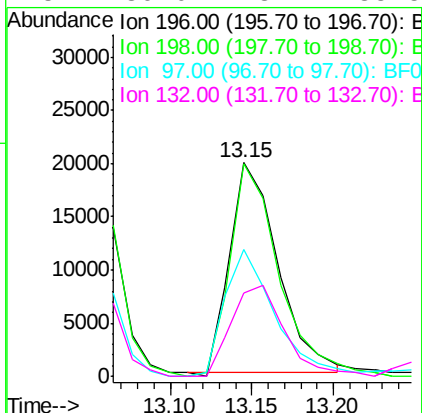
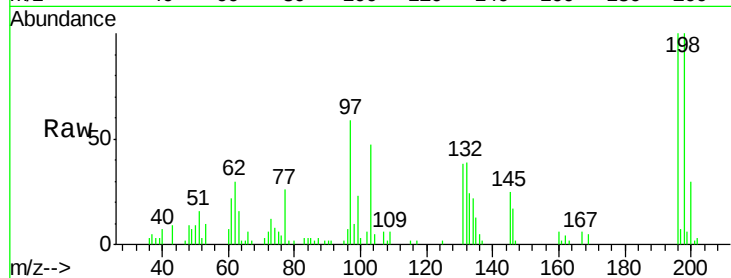




#43
 2,4,5-Trichlorophenol
 Concen: 34.31 ng
 RT: 13.15 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

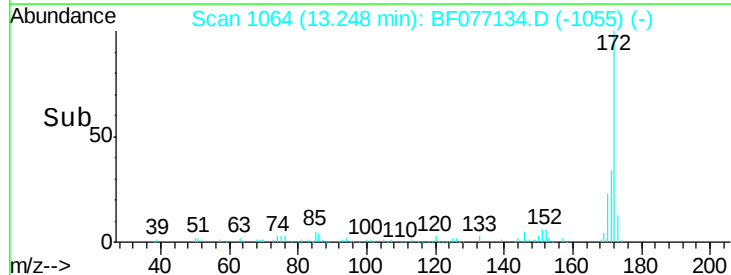
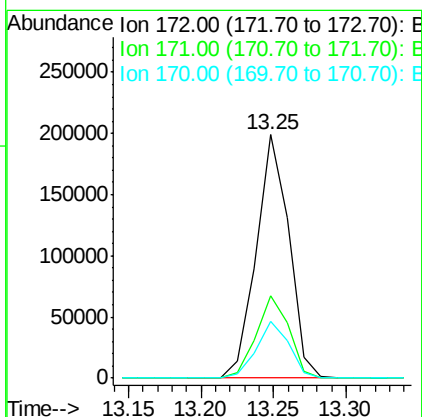
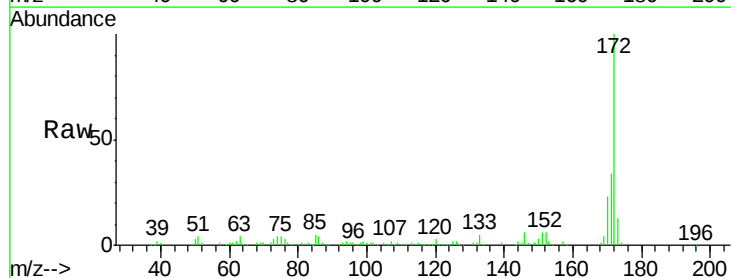
Instrument :
 BNA_F
 ClientSampleId :

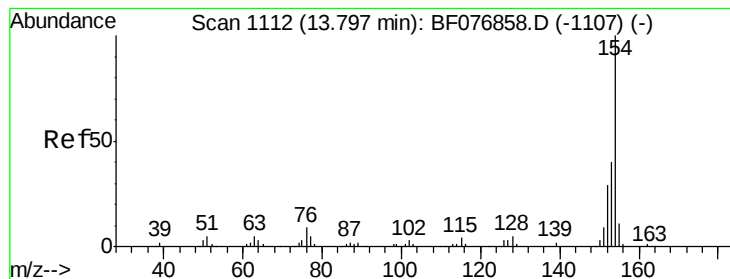
Tot Ion:196 Resp: 40288
 Ion Ratio Lower Upper
 196 100
 198 99.5 76.6 115.0
 97 59.2 43.4 65.0
 132 39.0 23.7 35.5#



#44
 2-Fluorobiphenyl
 Concen: 73.80 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:172 Resp: 309911
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.6 40.0
 170 23.3 18.0 27.0





#45

1,1'-Biphenyl

Concen: 37.13 ng

RT: 13.45 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :

BNA_F

ClientSampleId :

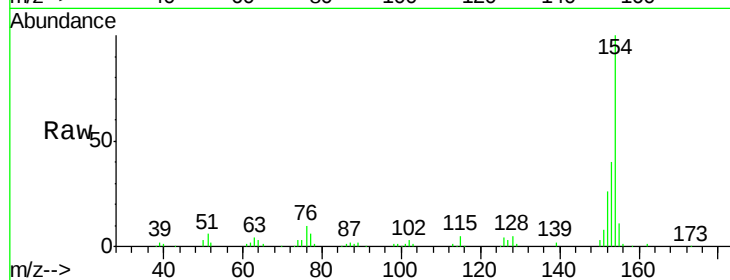
Tot Ion:154 Resp: 175917

Ion Ratio Lower Upper

154 100

153 39.7 20.2 60.2

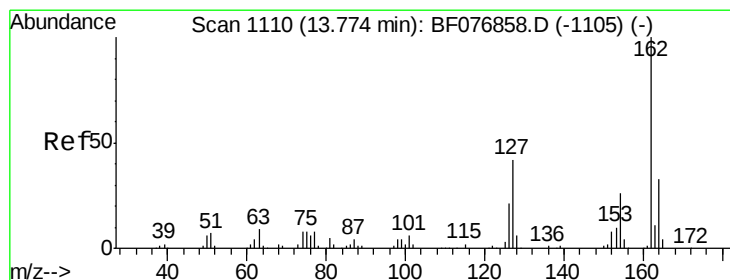
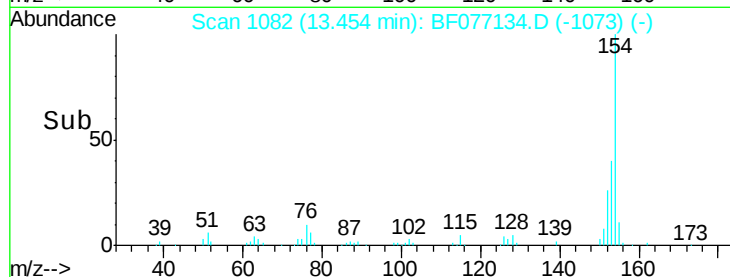
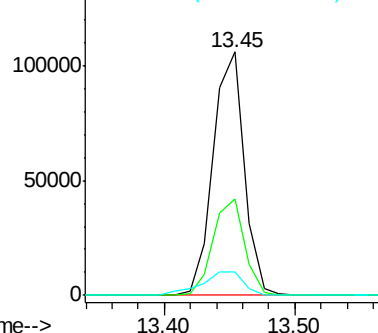
76 9.5 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.06 ng

RT: 13.42 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

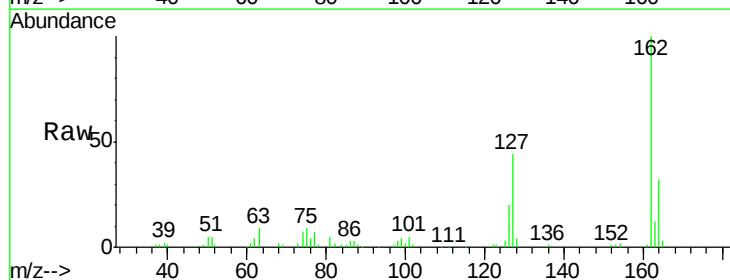
Tgt Ion:162 Resp: 140574

Ion Ratio Lower Upper

162 100

127 43.5 33.8 50.6

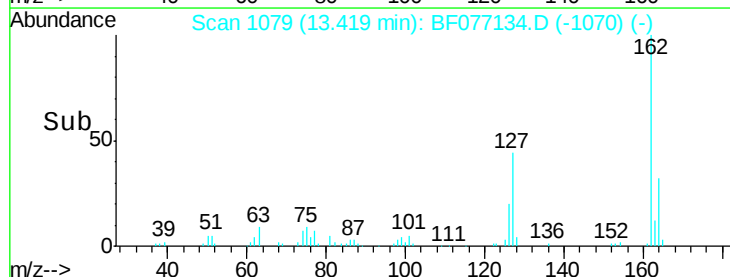
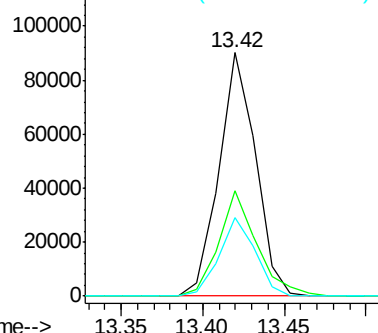
164 32.4 26.8 40.2

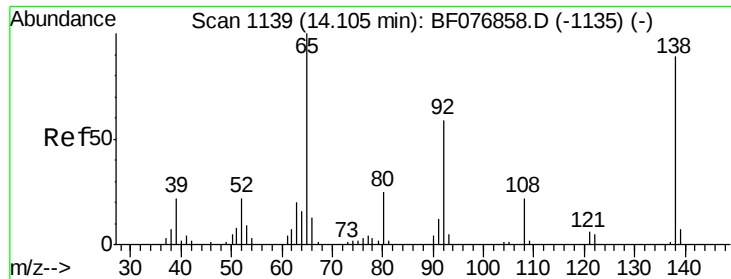


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

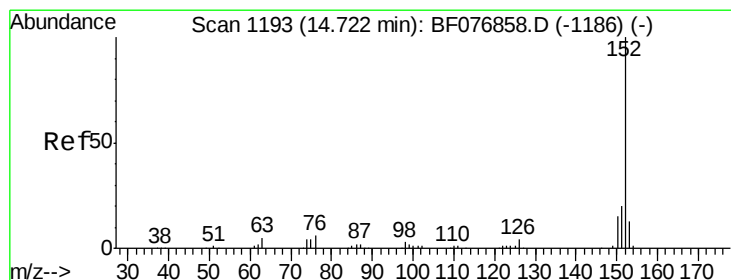
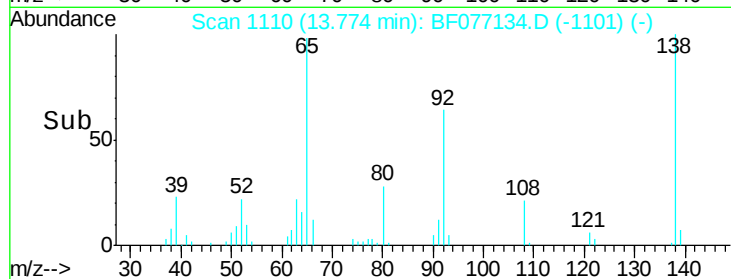
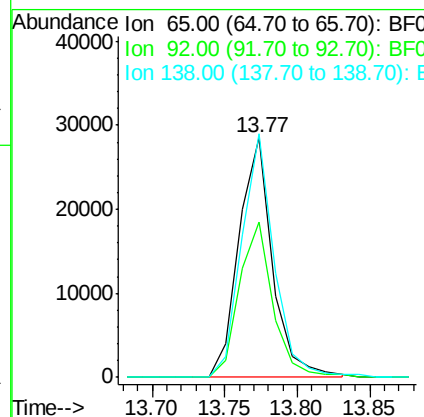
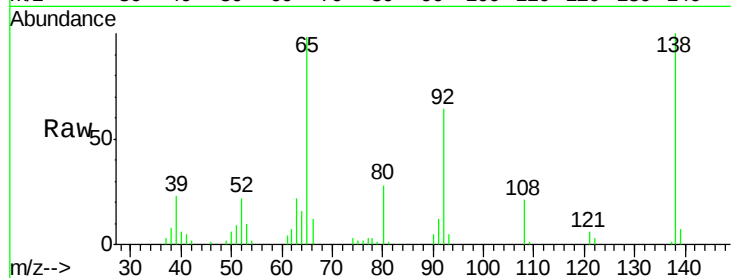




#47
2-Nitroaniline
Concen: 38.83 ng
RT: 13.77 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

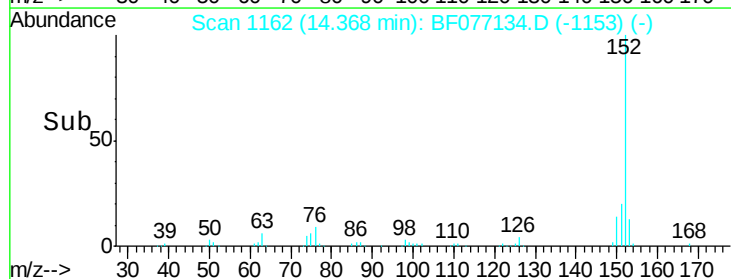
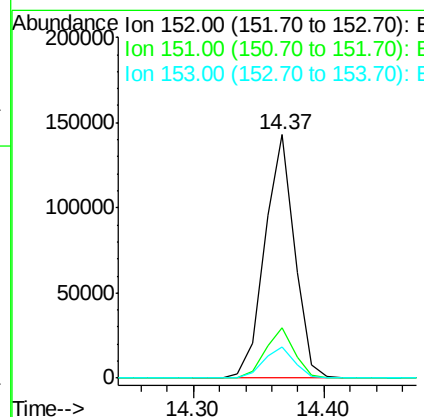
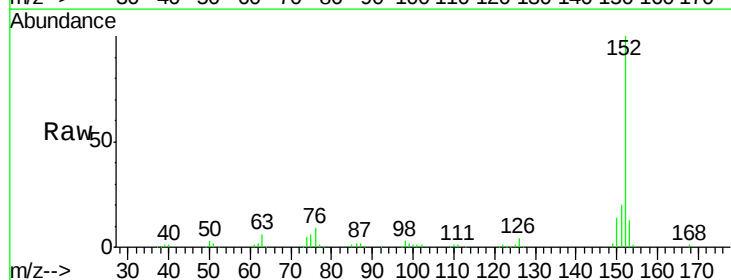
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 45931
Ion Ratio Lower Upper
65 100
92 64.8 47.3 70.9
138 101.7 71.4 107.2



#48
Acenaphthylene
Concen: 34.79 ng
RT: 14.37 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion: 152 Resp: 228796
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.0 10.2 15.4

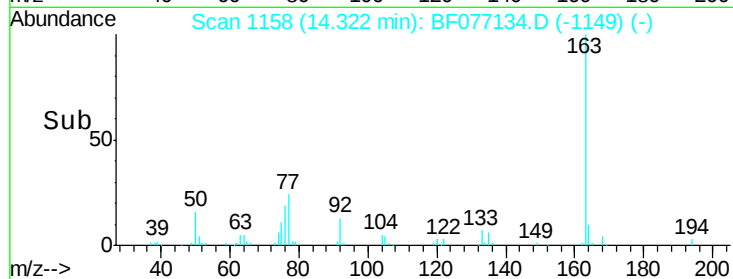
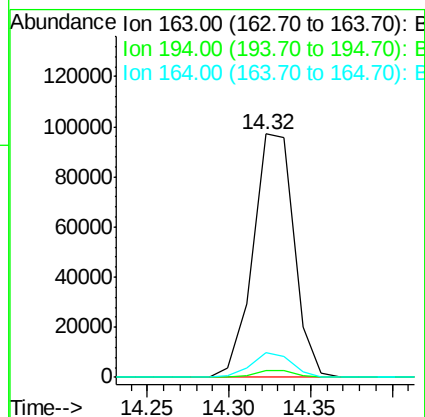
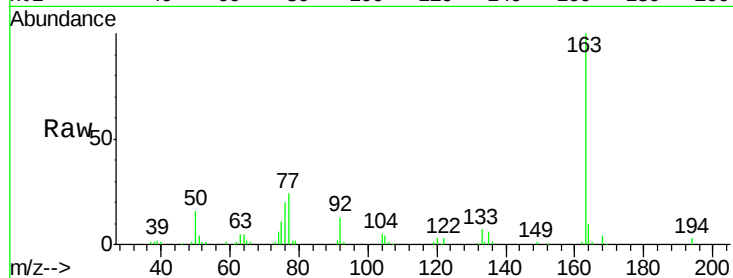




#49
Dimethylphthalate
Concen: 37.41 ng
RT: 14.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

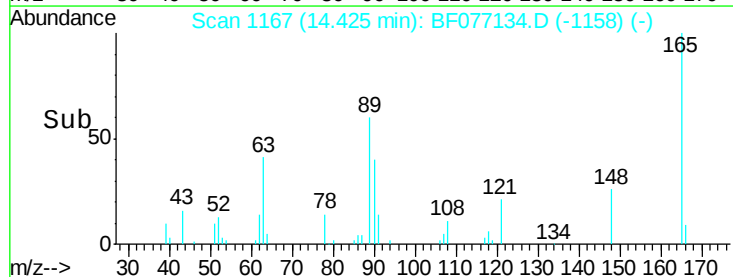
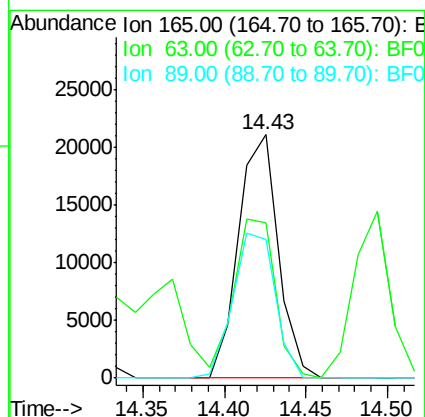
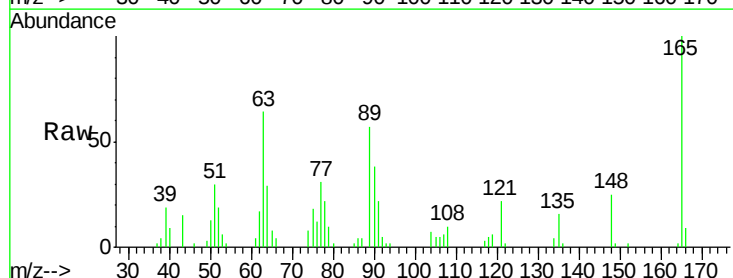
Instrument :
BNA_F
ClientSampleId :

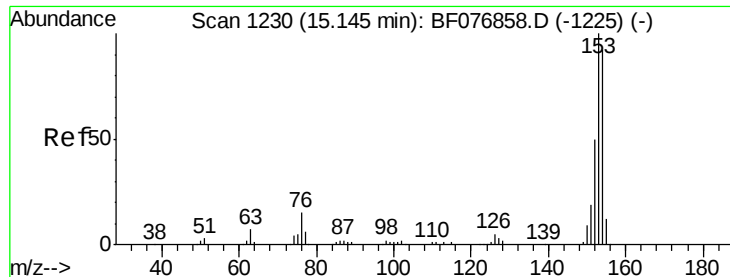
Tot Ion:163 Resp: 169530
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.4 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 39.35 ng
RT: 14.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:165 Resp: 35630
Ion Ratio Lower Upper
165 100
63 63.6 48.1 72.1
89 56.7 47.2 70.8





#51

Acenaphthene

Concen: 34.53 ng

RT: 14.79 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

Instrument :

BNA_F

ClientSampleId :

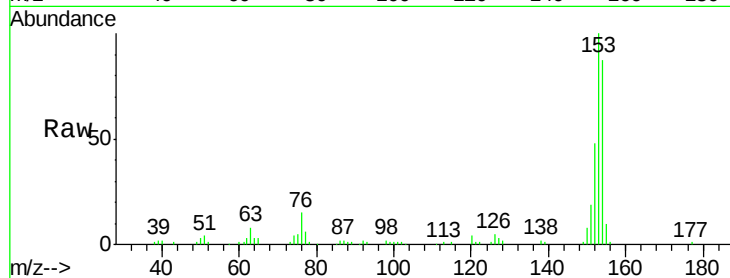
Tot Ion:154 Resp: 128839

Ion Ratio Lower Upper

154 100

153 114.8 87.0 130.6

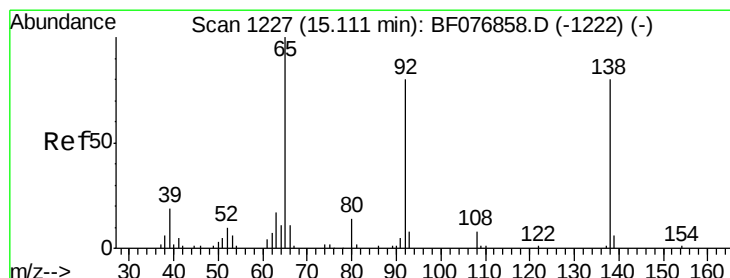
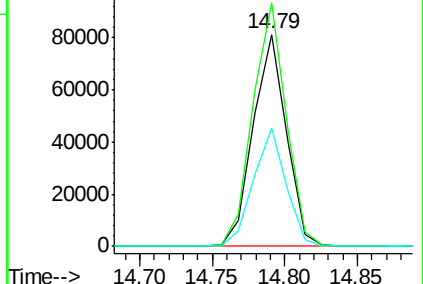
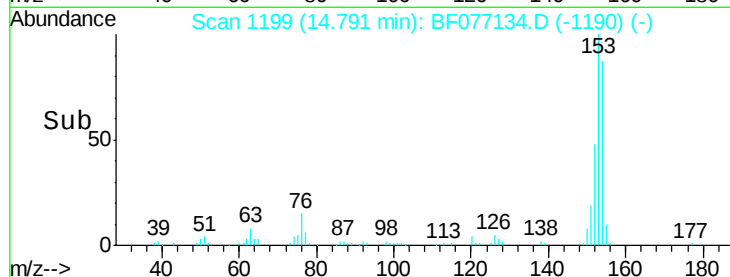
152 55.6 43.5 65.3



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



#52

3-Nitroaniline

Concen: 11.40 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF077134.D

Acq: 29 Jan 2015 21:04

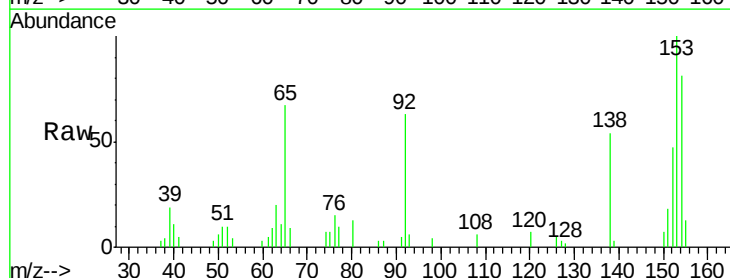
Tgt Ion:138 Resp: 11772

Ion Ratio Lower Upper

138 100

108 10.4 8.3 12.5

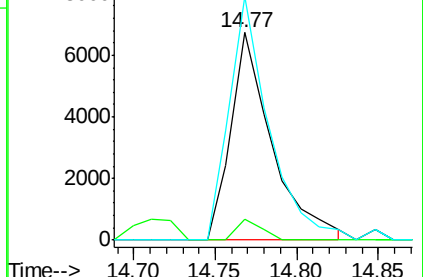
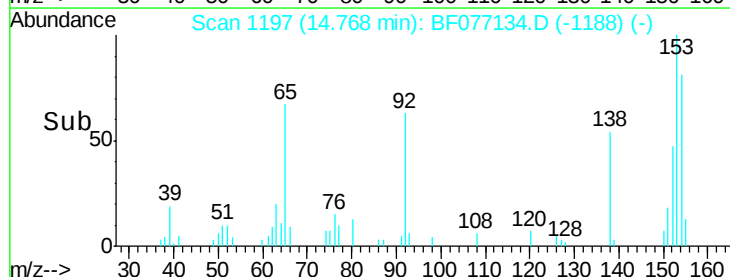
92 117.4 80.9 121.3

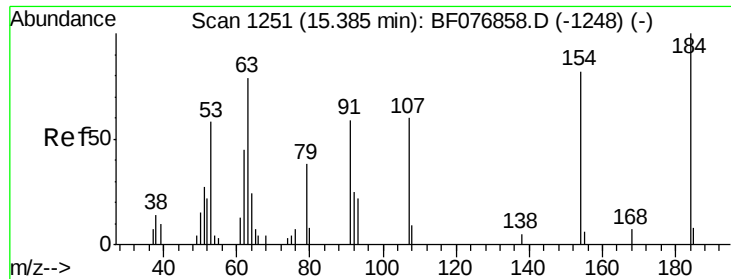


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

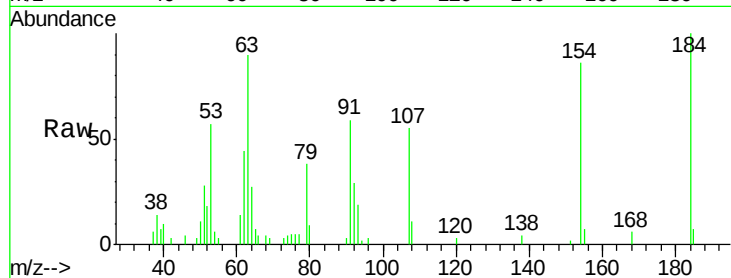




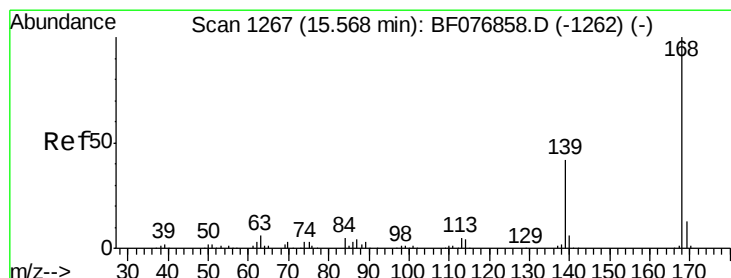
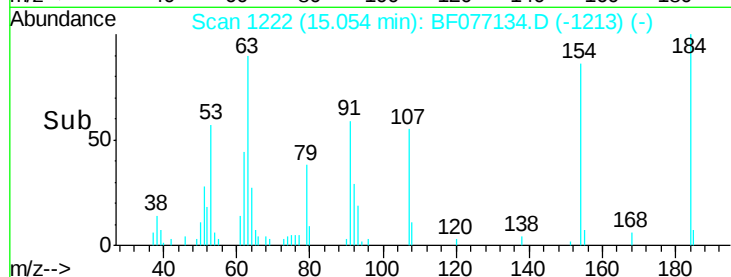
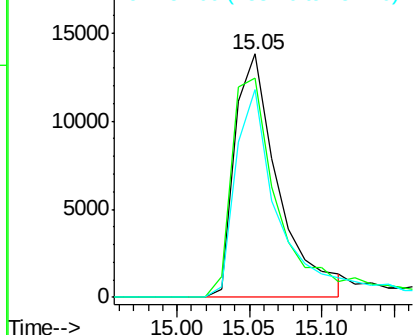
#53
2,4-Dinitrophenol
Concen: 69.81 ng
RT: 15.05 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 28919
Ion Ratio Lower Upper
184 100
63 90.2 63.0 94.6
154 85.6 65.5 98.3

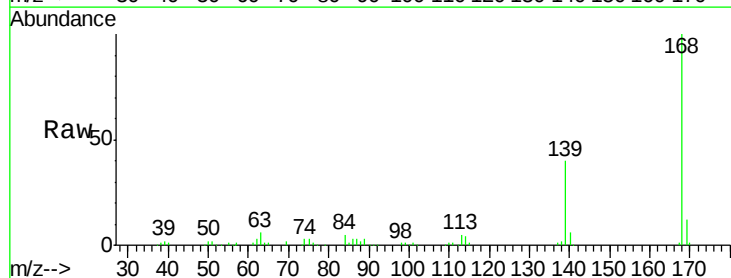


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF077134.D (-1248) (-)
Ion 154.00 (153.70 to 154.70): E

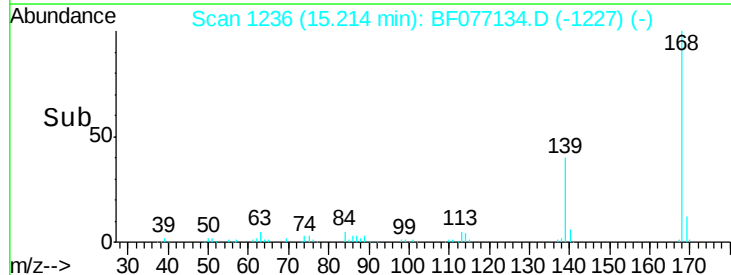
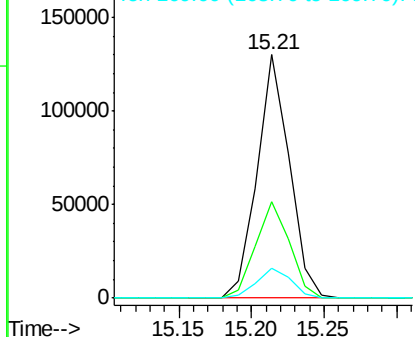


#54
Dibenzofuran
Concen: 36.87 ng
RT: 15.21 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:168 Resp: 200389
Ion Ratio Lower Upper
168 100
139 39.9 33.4 50.2
169 12.3 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

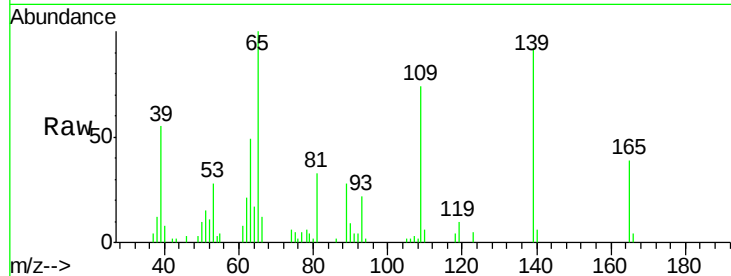




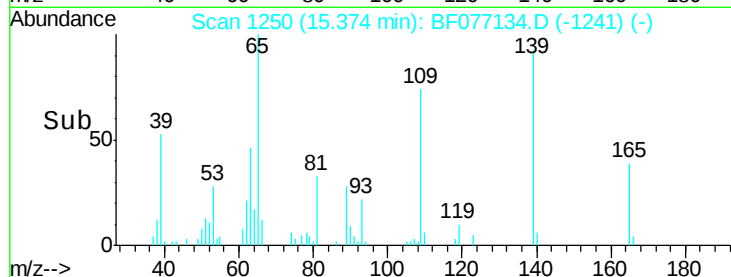
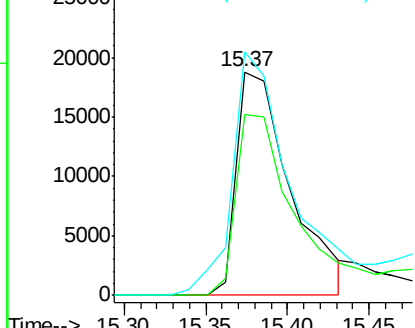
#55
4-Nitrophenol
Concen: 60.79 ng
RT: 15.37 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 43187
Ion Ratio Lower Upper
139 100
109 81.0 61.0 101.0
65 109.1 96.6 136.6

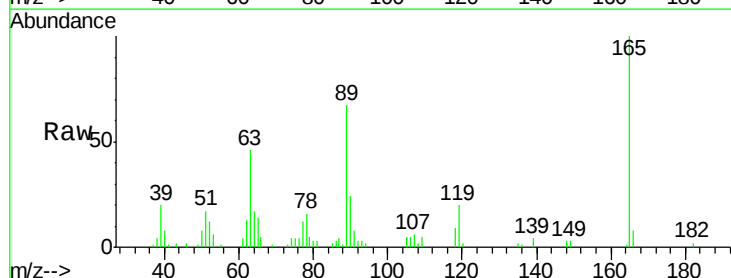


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

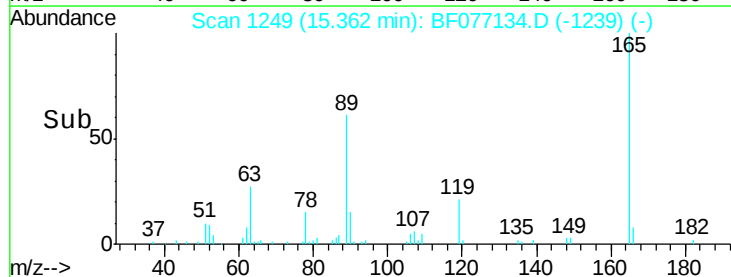
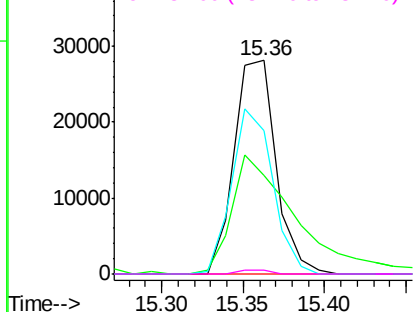


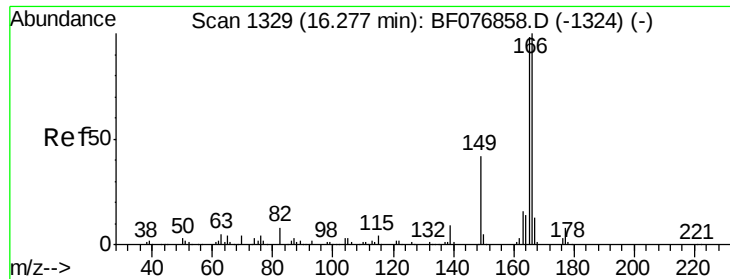
#56
2,4-Dinitrotoluene
Concen: 37.38 ng
RT: 15.36 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:165 Resp: 50084
Ion Ratio Lower Upper
165 100
63 46.4 44.8 67.2
89 67.2 56.2 84.2
182 2.1 1.5 2.3



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

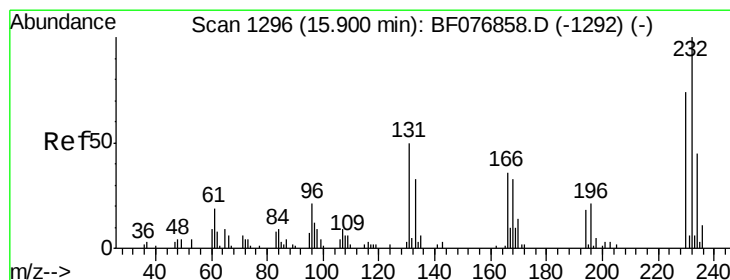
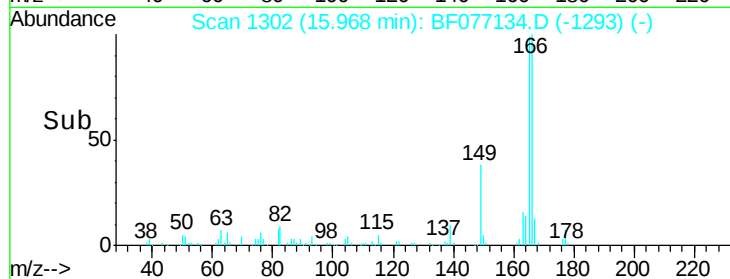
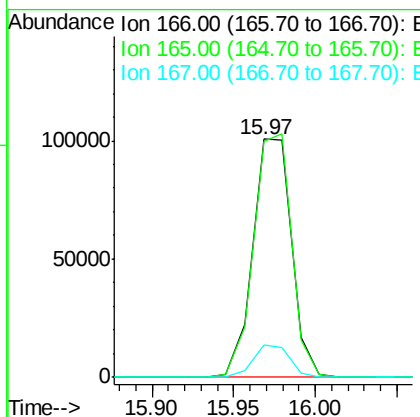
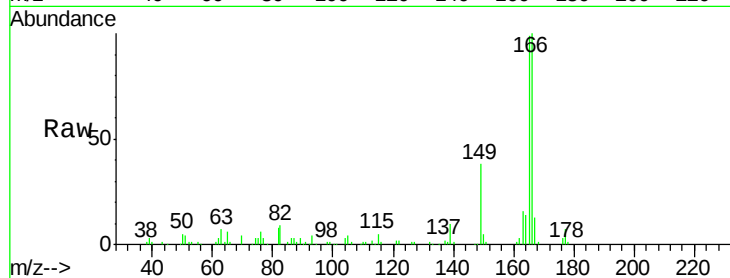




#57
 Fluorene
 Concen: 36.11 ng
 RT: 15.97 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

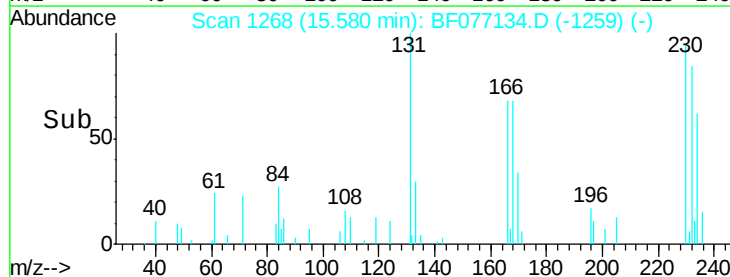
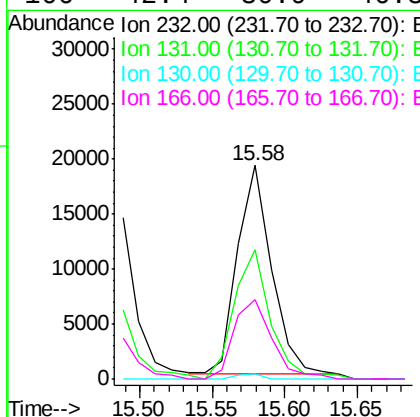
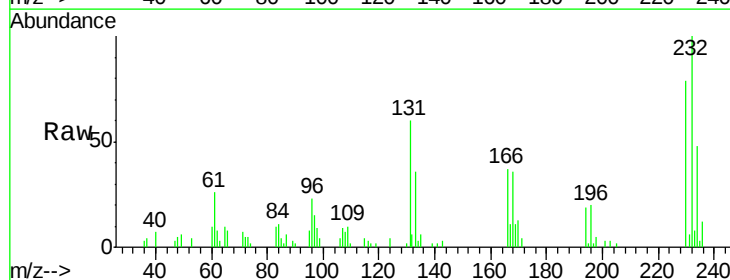
Instrument :
 BNA_F
 ClientSampleId :

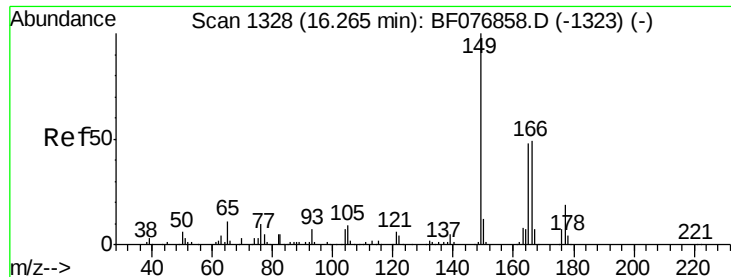
Tot Ion:166 Resp: 166291
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.5 117.7
 167 13.4 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.55 ng
 RT: 15.58 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:232 Resp: 31249
 Ion Ratio Lower Upper
 232 100
 131 65.7 45.0 67.6
 130 1.8 2.6 3.8#
 166 42.4 30.9 46.3

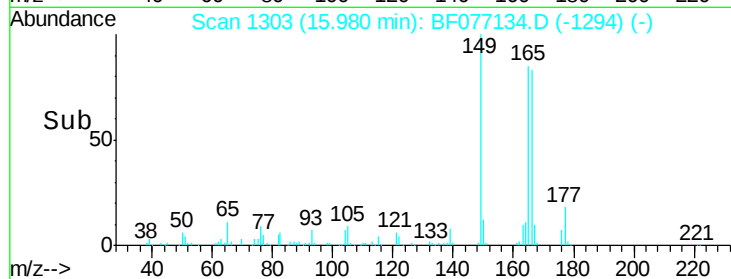
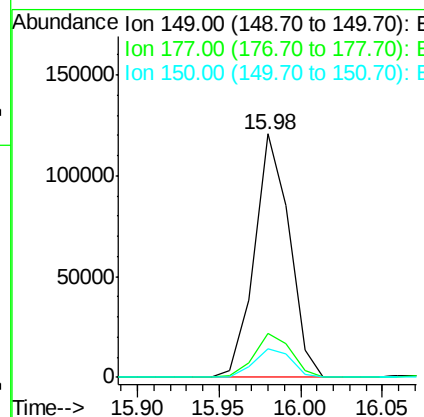
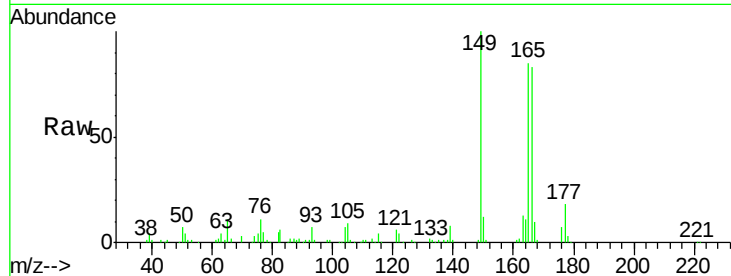




#59
Diethylphthalate
Concen: 39.11 ng
RT: 15.98 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

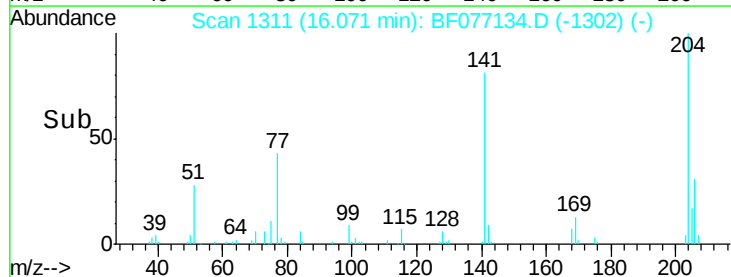
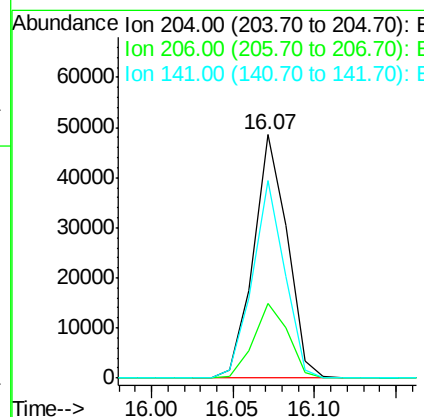
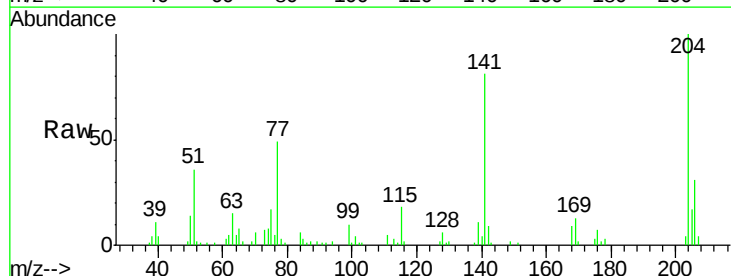
Instrument :
BNA_F
ClientSampleId :

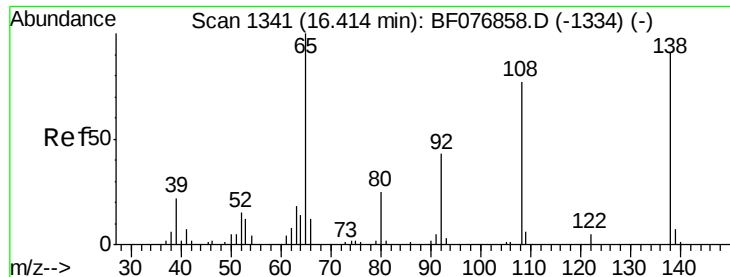
Tot Ion:149 Resp: 179135
Ion Ratio Lower Upper
149 100
177 18.3 15.0 22.6
150 11.7 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 37.02 ng
RT: 16.07 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:204 Resp: 69750
Ion Ratio Lower Upper
204 100
206 30.9 24.2 36.2
141 80.9 66.7 100.1

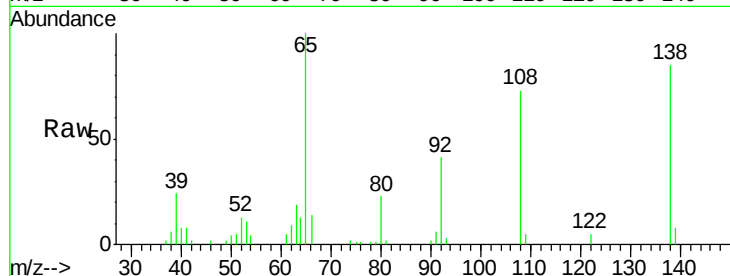




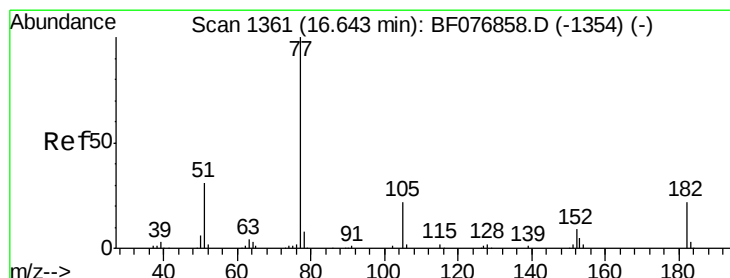
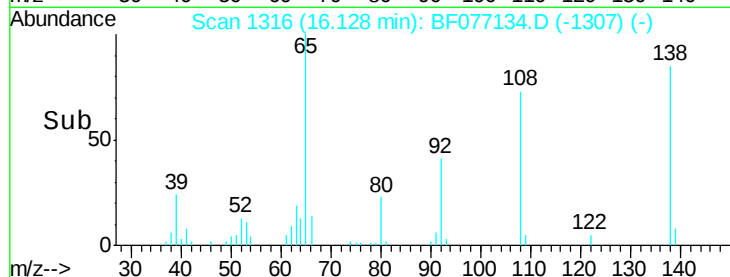
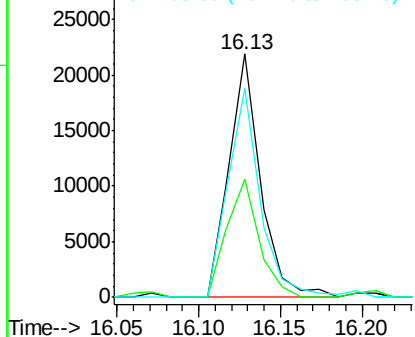
#61
4-Nitroaniline
Concen: 26.30 ng
RT: 16.13 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 29265
Ion Ratio Lower Upper
138 100
92 48.5 26.7 66.7
108 86.0 64.5 104.5

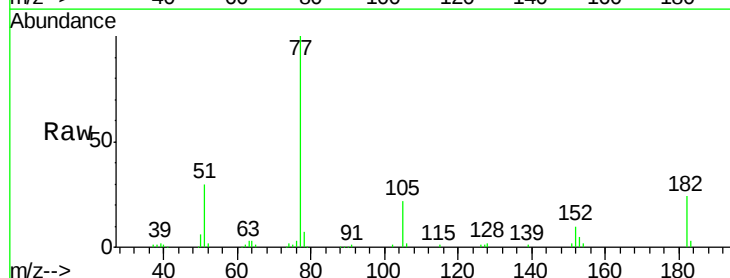


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

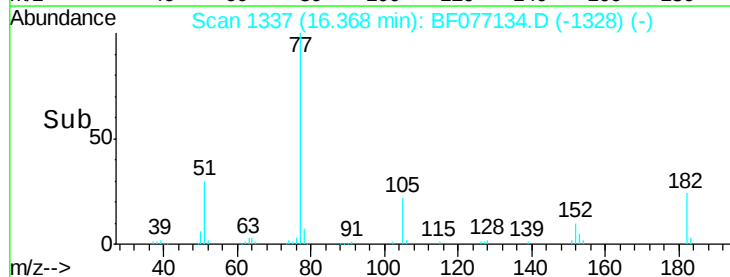
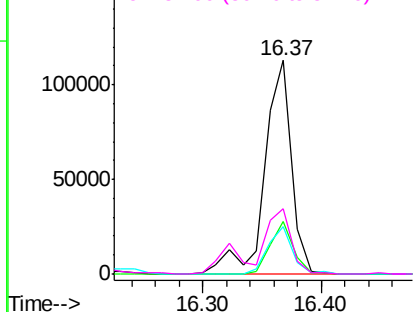


#62
Azobenzene
Concen: 37.54 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion: 77 Resp: 179178
Ion Ratio Lower Upper
77 100
182 24.3 2.0 42.0
105 22.3 2.3 42.3
51 30.3 10.7 50.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

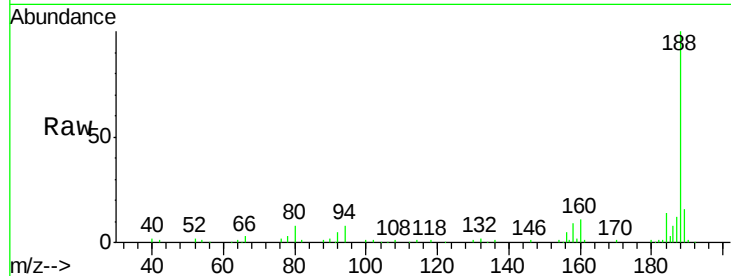




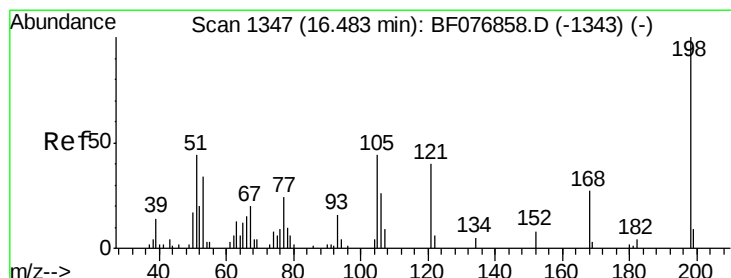
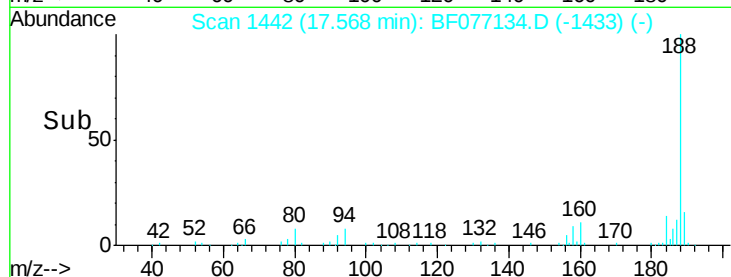
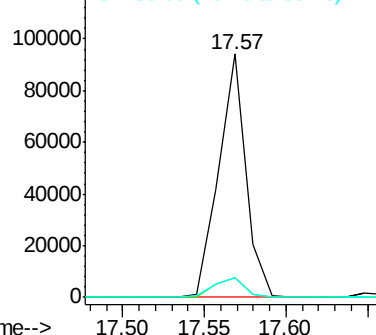
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	188	Resp	108988
Ion Ratio	100	Lower	Upper
94	8.2	6.0	9.0
80	8.2	6.9	10.3

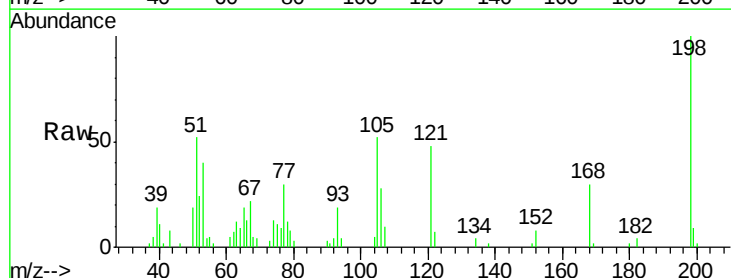


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

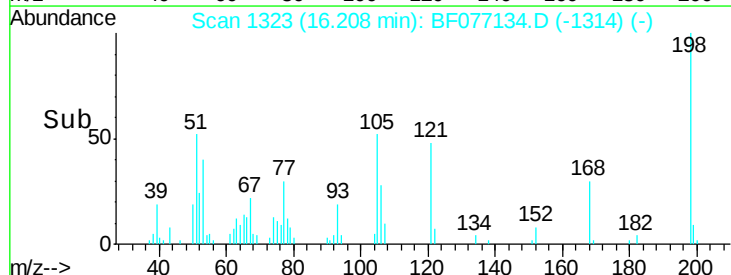
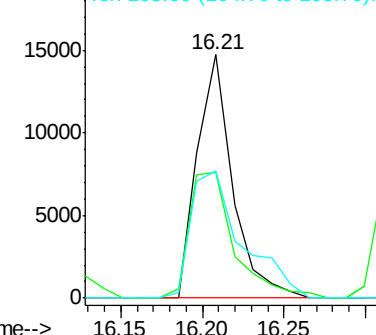


#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.66 ng
 RT: 16.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion	198	Resp	22083
Ion Ratio	100	Lower	Upper
51	51.8	24.2	64.2
105	52.0	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

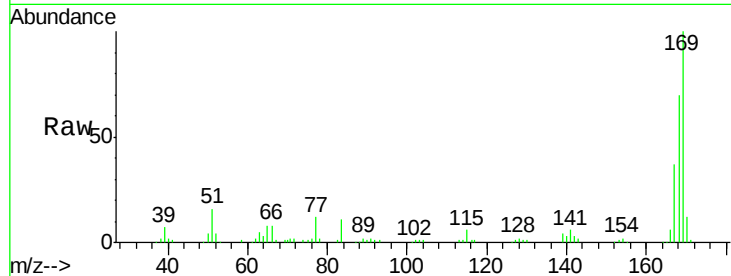




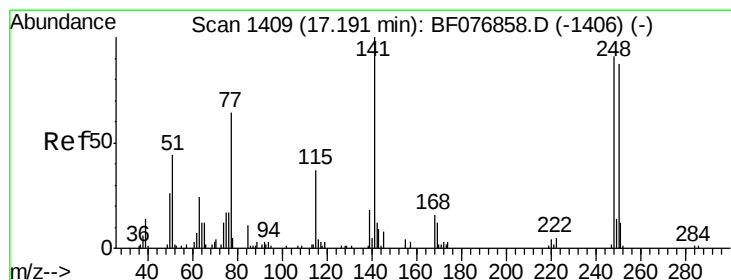
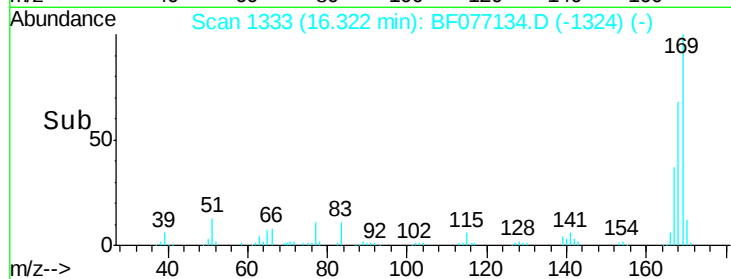
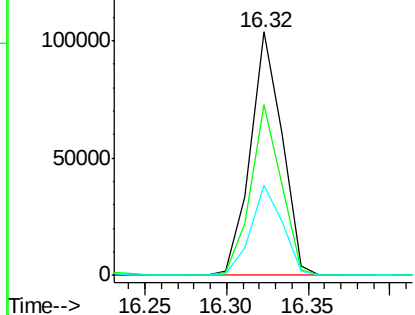
#65
 n-Nitrosodiphenylamine
 Concen: 35.90 ng
 RT: 16.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 139508
 Ion Ratio Lower Upper
 169 100
 168 69.9 53.8 80.6
 167 37.1 27.8 41.6

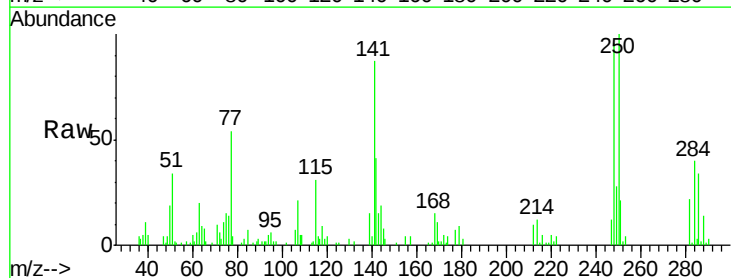


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

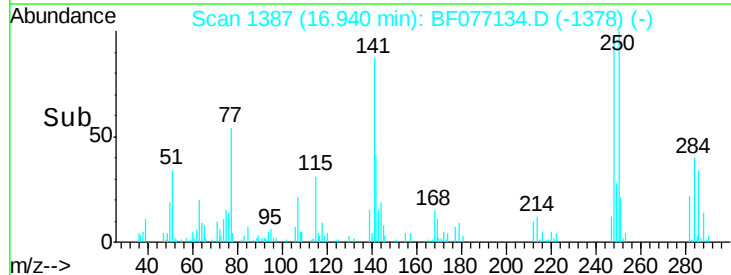
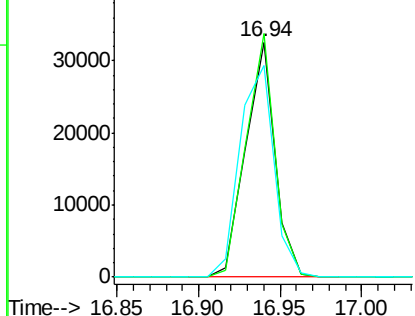


#66
 4-Bromophenyl-phenylether
 Concen: 36.73 ng
 RT: 16.94 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:248 Resp: 40554
 Ion Ratio Lower Upper
 248 100
 250 103.6 77.1 115.7
 141 90.3 88.2 132.4



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

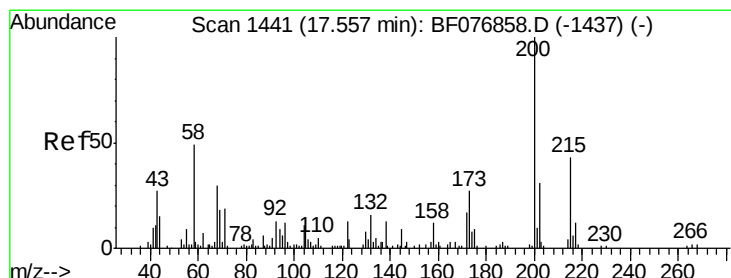
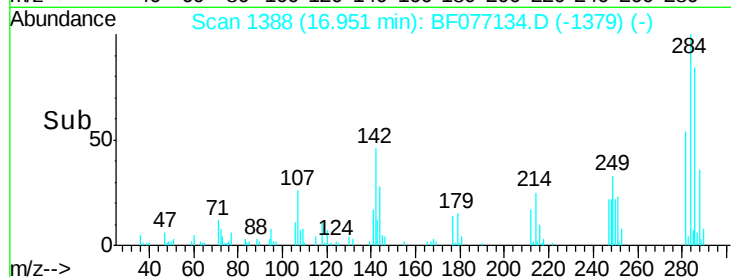
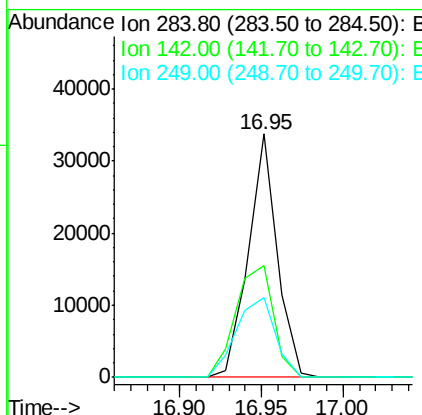
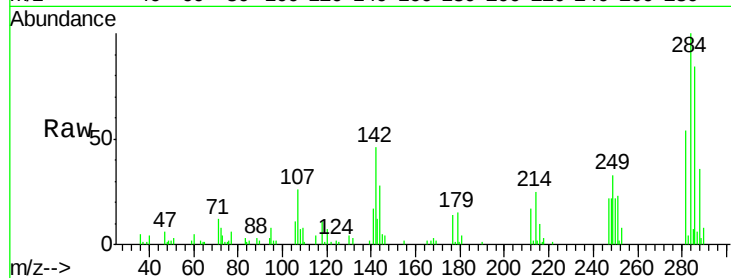




#67
Hexachlorobenzene
Concen: 35.48 ng
RT: 16.95 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

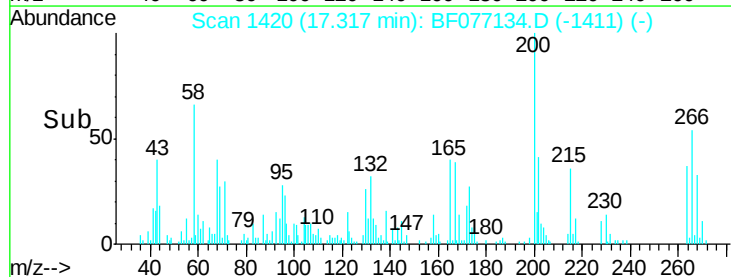
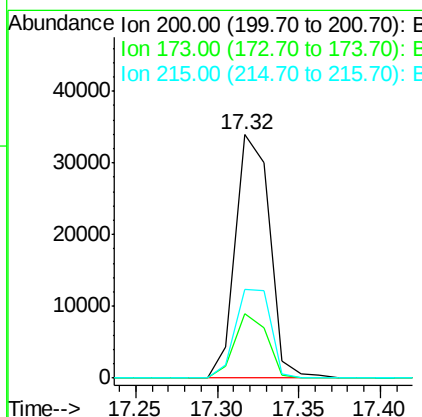
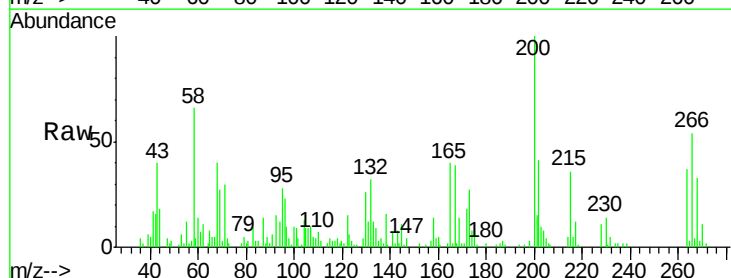
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 41288
Ion Ratio Lower Upper
284 100
142 45.8 38.2 57.4
249 32.6 28.2 42.2



#68
Atrazine
Concen: 41.66 ng
RT: 17.32 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:200 Resp: 49126
Ion Ratio Lower Upper
200 100
173 26.5 6.6 46.6
215 36.5 22.9 62.9

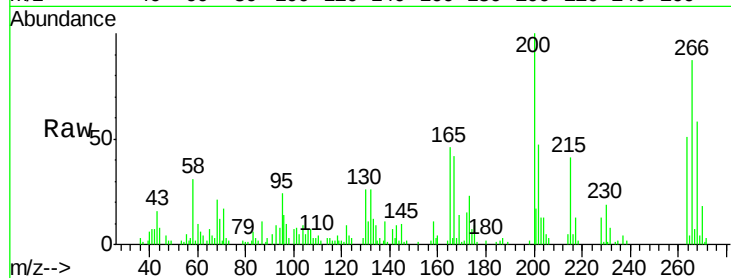




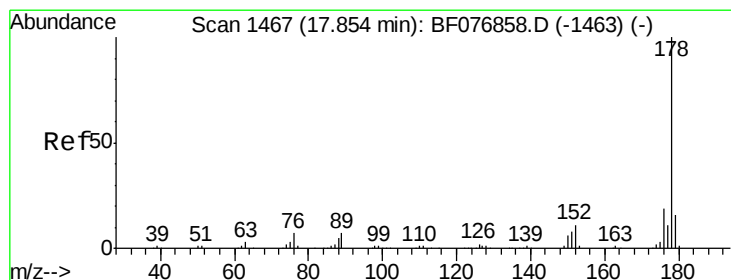
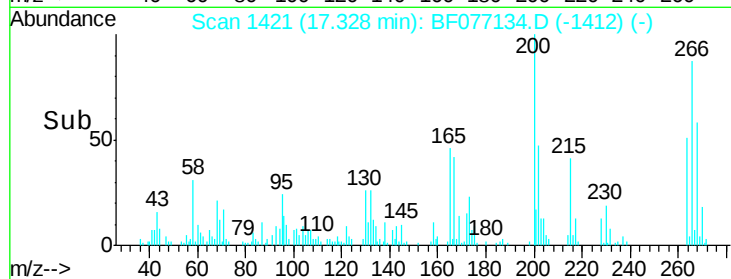
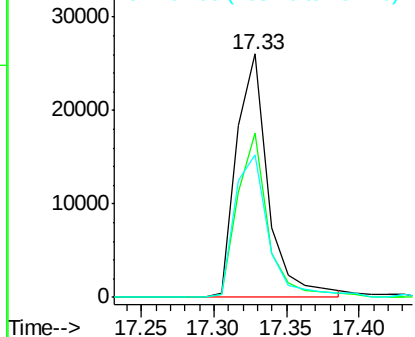
#69
 Pentachlorophenol
 Concen: 74.70 ng
 RT: 17.33 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 39602
 Ion Ratio Lower Upper
 266 100
 268 67.2 48.6 72.8
 264 58.6 49.5 74.3

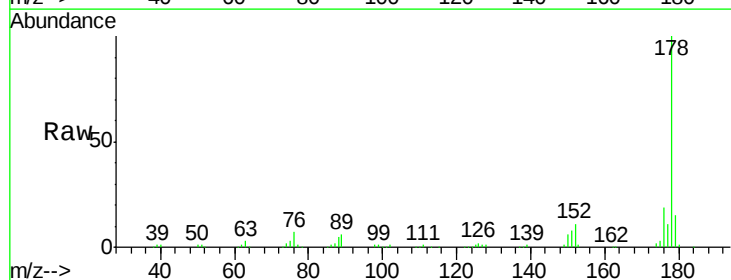


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

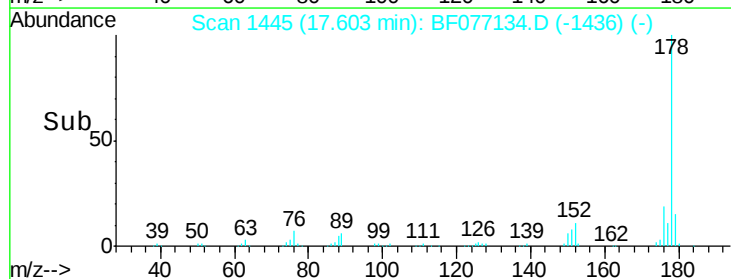
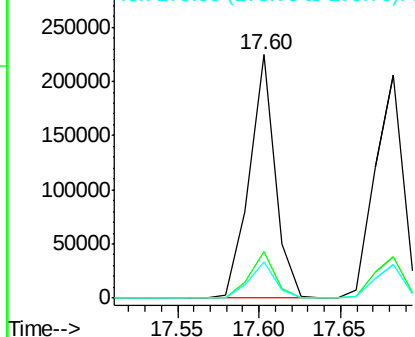


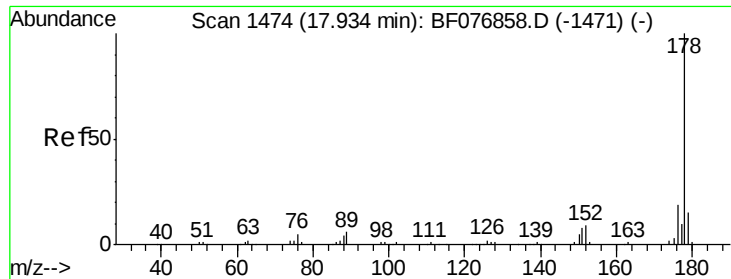
#70
 Phenanthrene
 Concen: 36.29 ng
 RT: 17.60 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:178 Resp: 246679
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 14.7 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

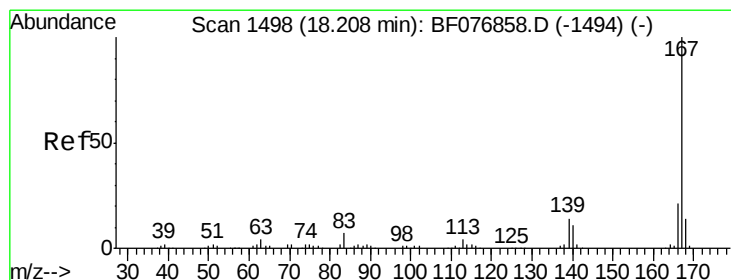
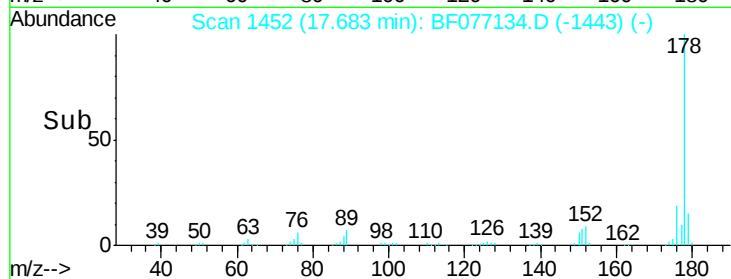
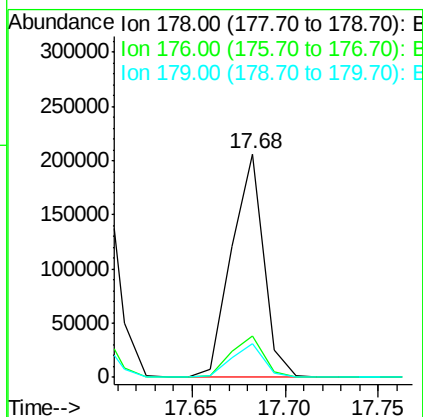
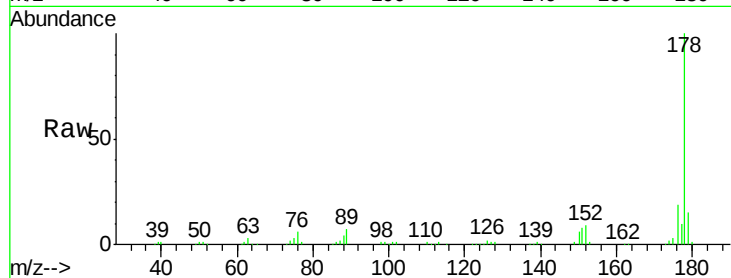




#71
 Anthracene
 Concen: 37.35 ng
 RT: 17.68 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

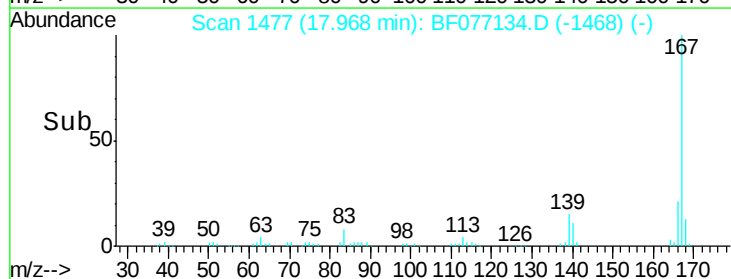
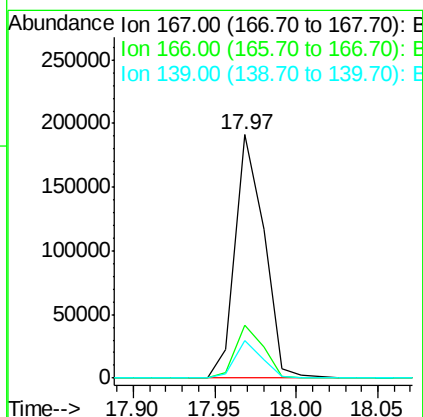
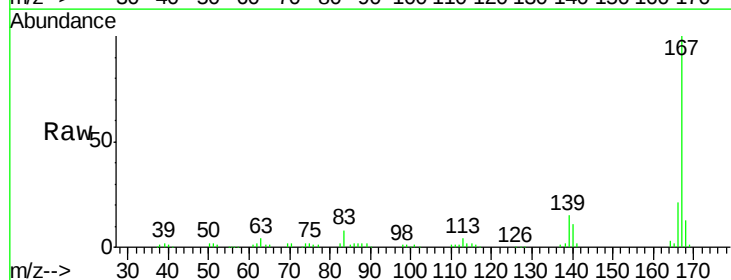
Instrument :
 BNA_F
 ClientSampleId :

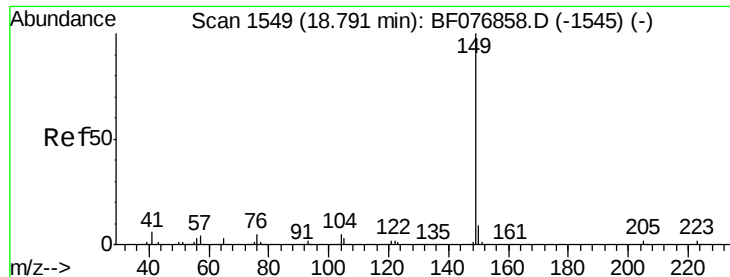
Tot Ion:178 Resp: 247540
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.2 11.9 17.9



#72
 Carbazole
 Concen: 36.37 ng
 RT: 17.97 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:167 Resp: 233795
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 15.3 11.3 16.9

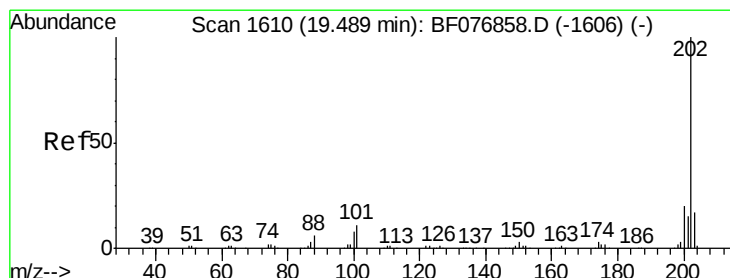
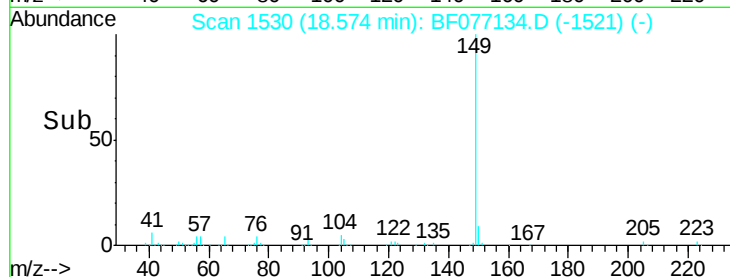
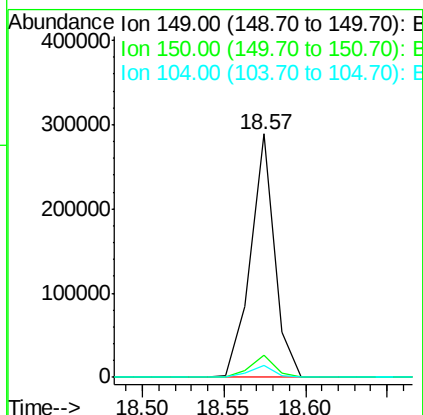
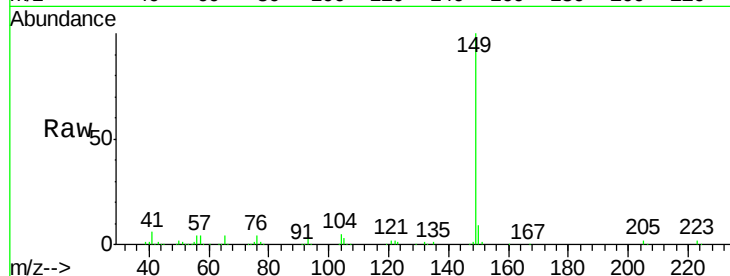




#73
Di-n-butylphthalate
Concen: 39.65 ng
RT: 18.57 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

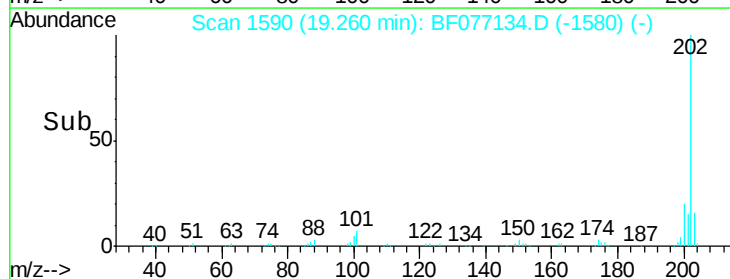
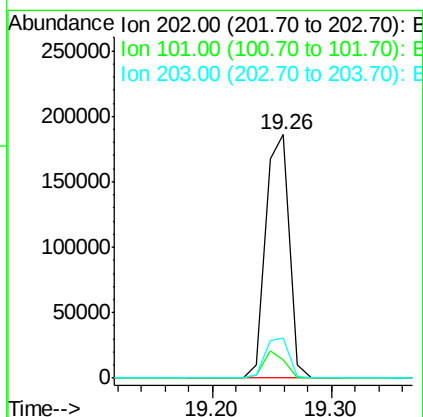
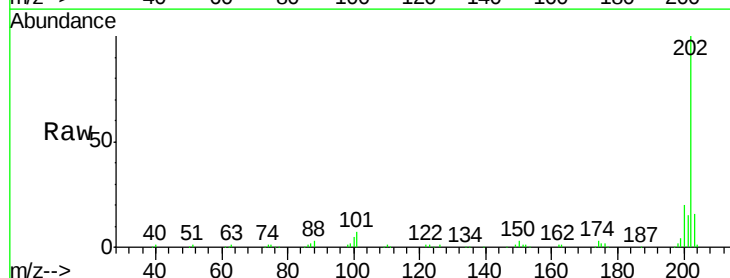
Instrument :
BNA_F
ClientSampleId :

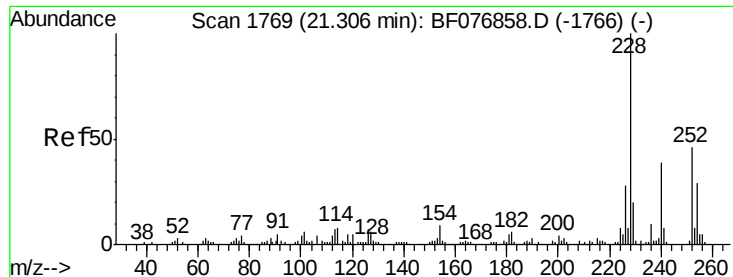
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	6.9	10.3
104	5.0	3.7	5.5



#74
Fluoranthene
Concen: 36.99 ng
RT: 19.26 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	30.7
203	16.3	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.08 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BF077134.D

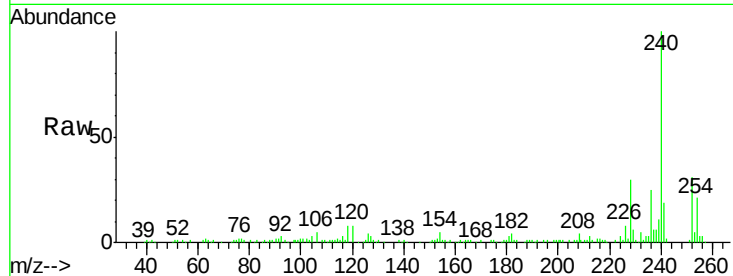
Acq: 29 Jan 2015 21:04

Instrument :

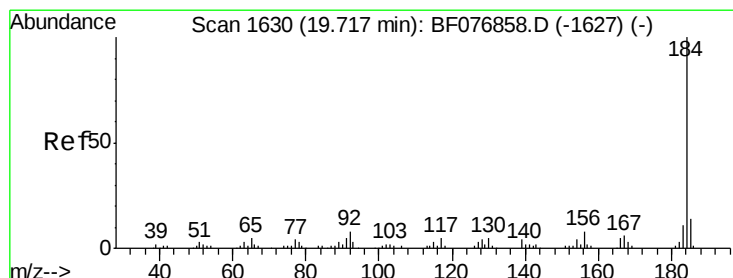
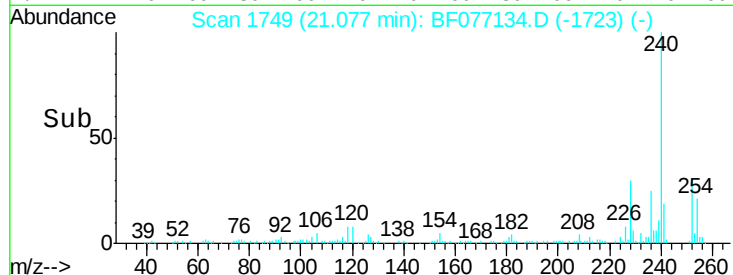
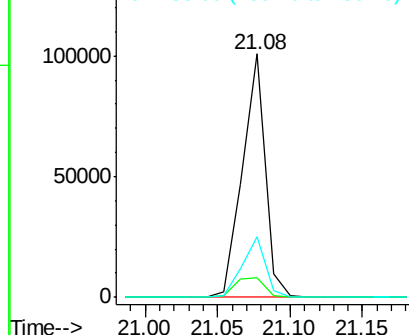
BNA_F

ClientSampleId :

Tot Ion:240 Resp: 110213
 Ion Ratio Lower Upper
 240 100
 120 8.1 10.4 15.6#
 236 25.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.72 ng

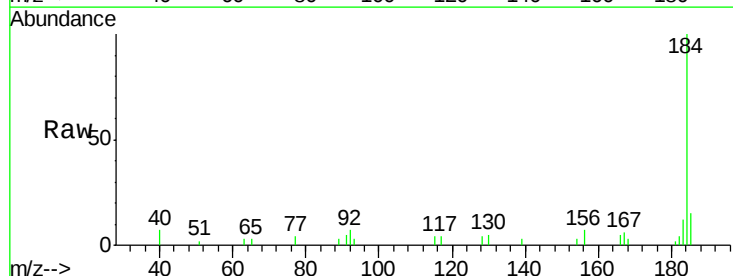
RT: 19.50 min Scan# 1611

Delta R.T. -0.00 min

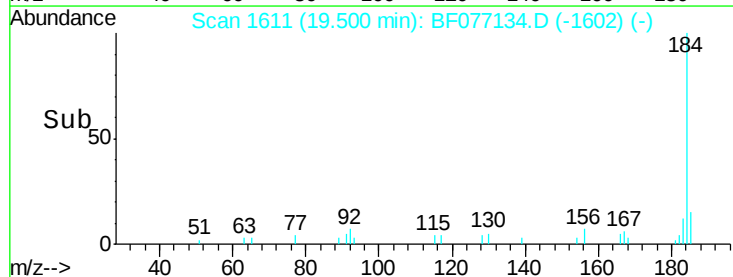
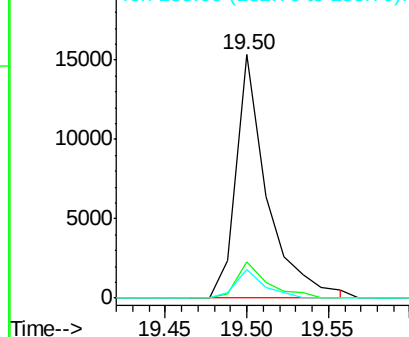
Lab File: BF077134.D

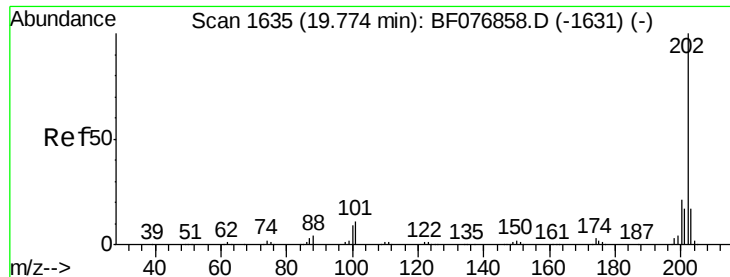
Acq: 29 Jan 2015 21:04

Tgt Ion:184 Resp: 20160
 Ion Ratio Lower Upper
 184 100
 185 14.8 11.4 17.2
 183 11.6 9.0 13.6



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

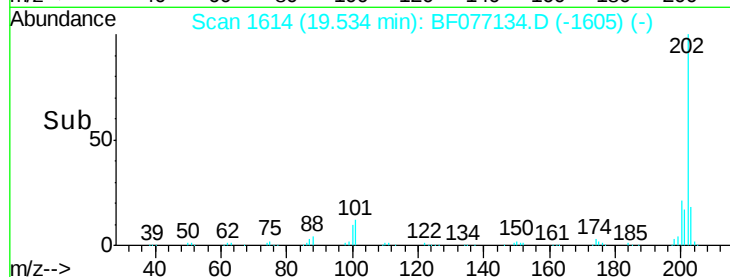
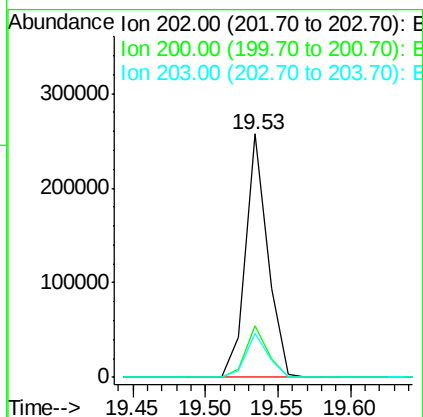
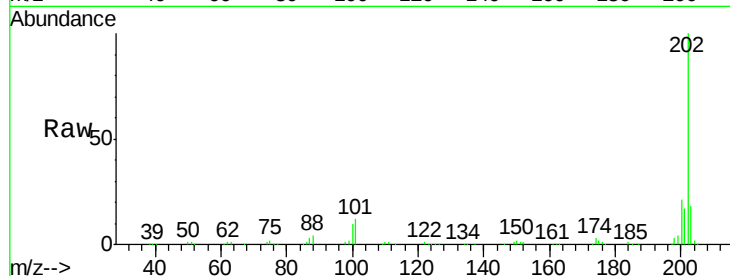




#77
 Pvrene
 Concen: 36.09 ng
 RT: 19.53 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

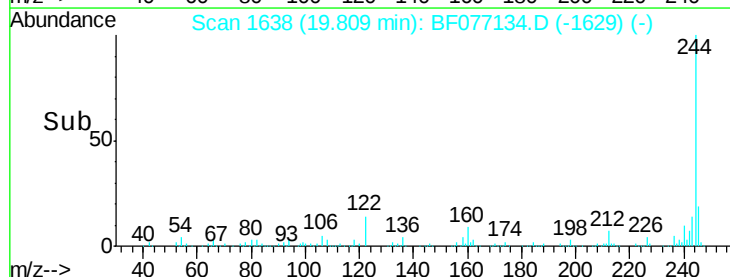
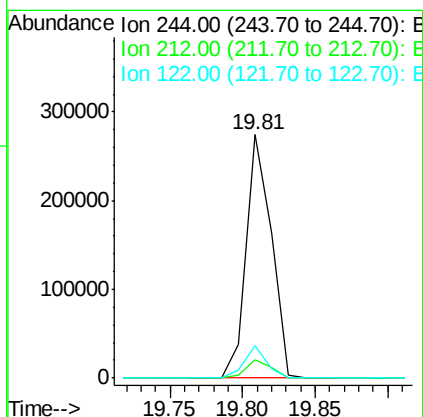
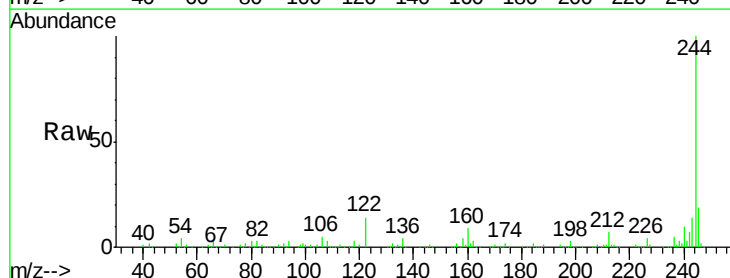
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.8	14.0	21.0



#78
 Terphenyl-d14
 Concen: 68.82 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	13.5	10.1	15.1

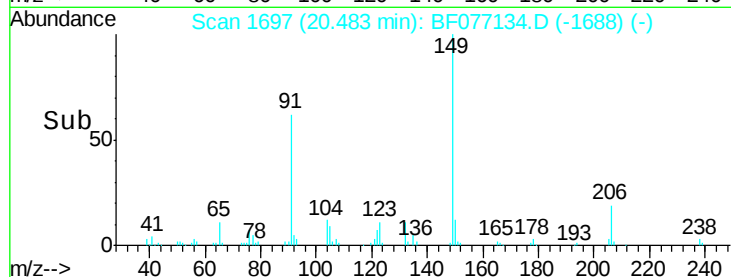
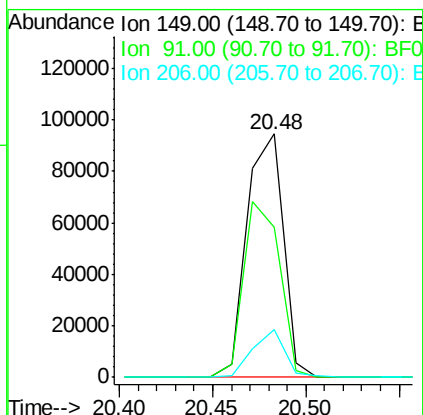
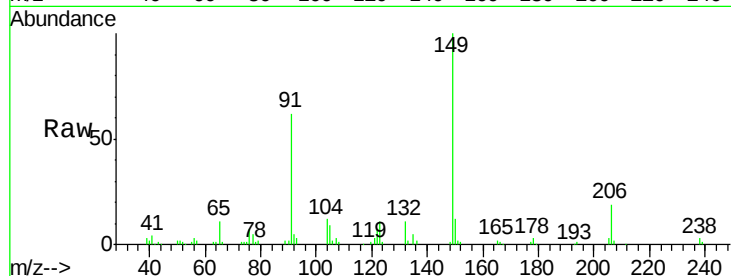




#79
Butylbenzylphthalate
Concen: 37.42 ng
RT: 20.48 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

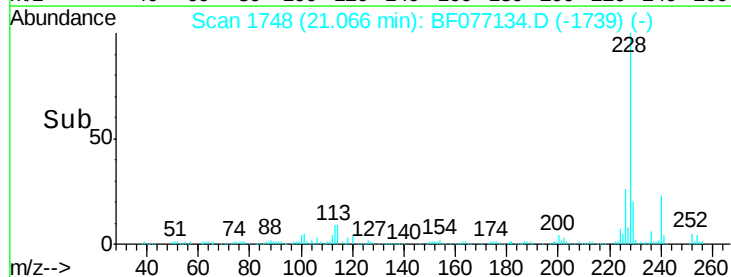
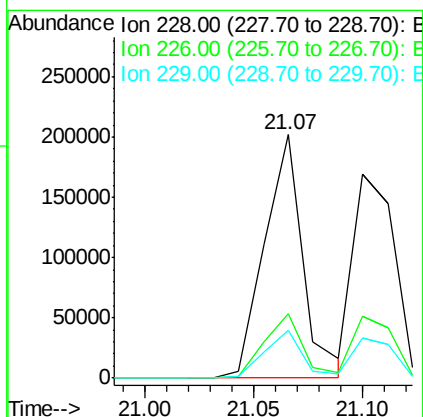
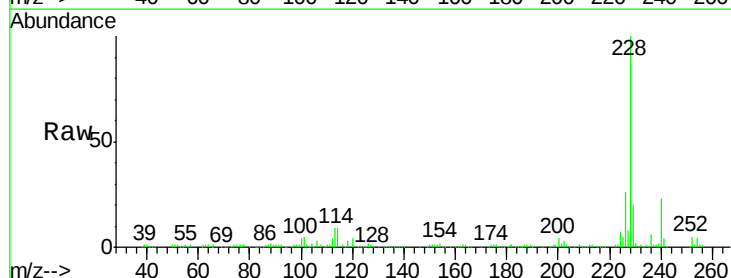
Instrument :
BNA_F
ClientSampleId :

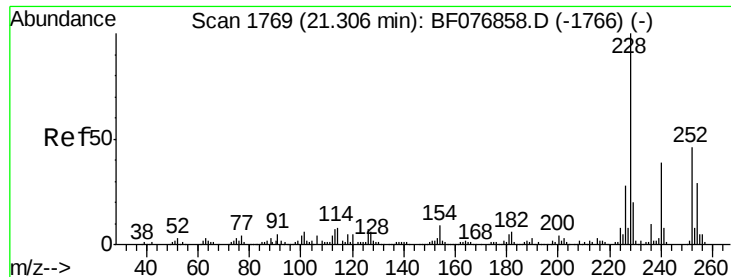
Tot Ion:149 Resp: 128009
Ion Ratio Lower Upper
149 100
91 61.6 50.6 76.0
206 19.4 12.8 19.2#



#80
Benzo(a)anthracene
Concen: 36.09 ng
RT: 21.07 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:228 Resp: 249584
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 19.9 15.5 23.3

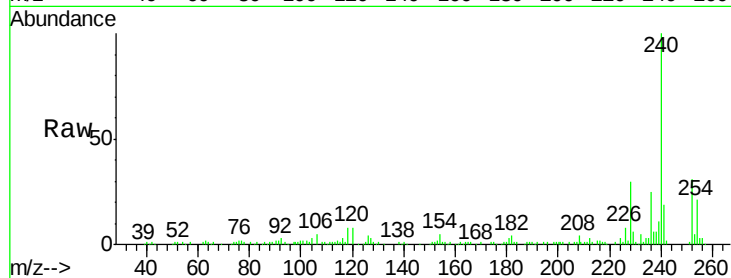




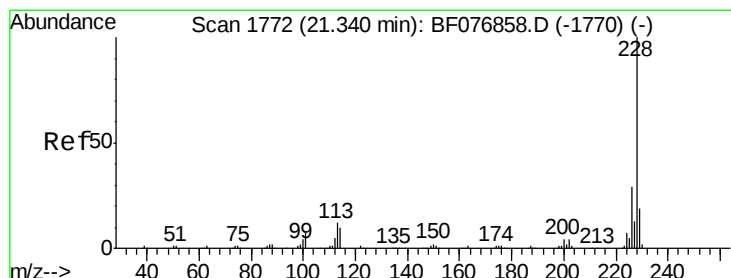
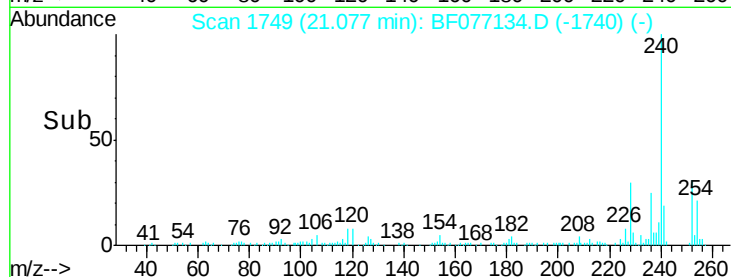
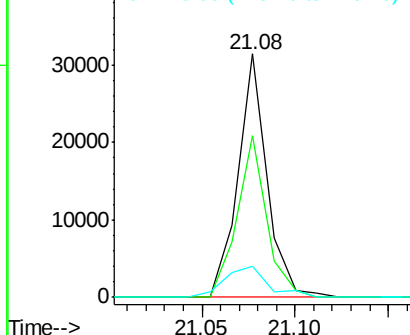
#81
 3,3'-Dichlorobenzidine
 Concen: 15.58 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 34226
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.2 75.4
 126 12.9 11.5 17.3

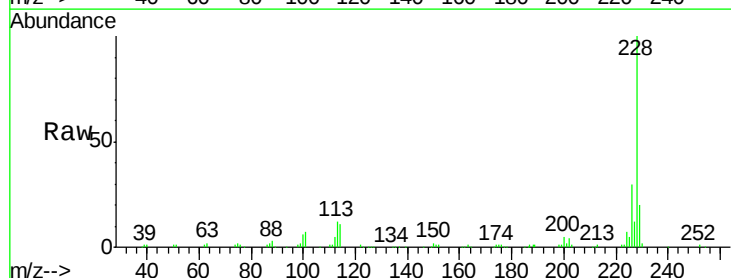


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

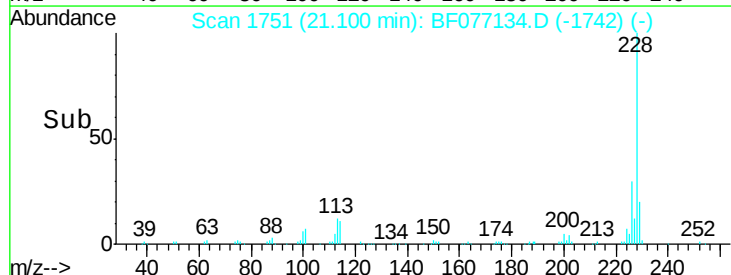
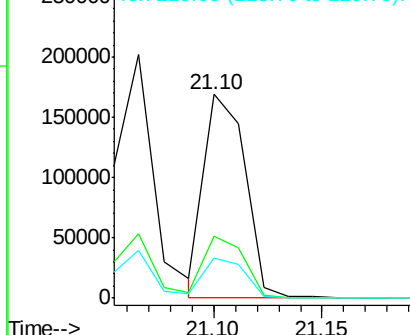


#82
 Chrysene
 Concen: 35.12 ng
 RT: 21.10 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:228 Resp: 221446
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.4 35.0
 229 19.6 15.4 23.0



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

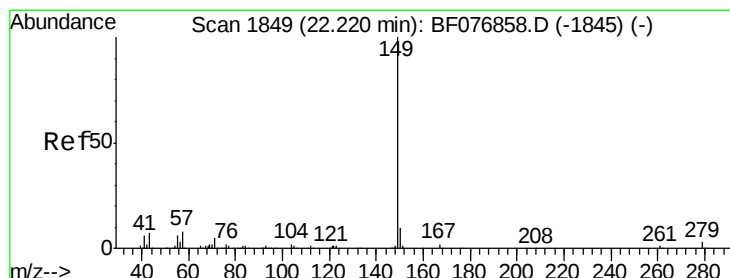
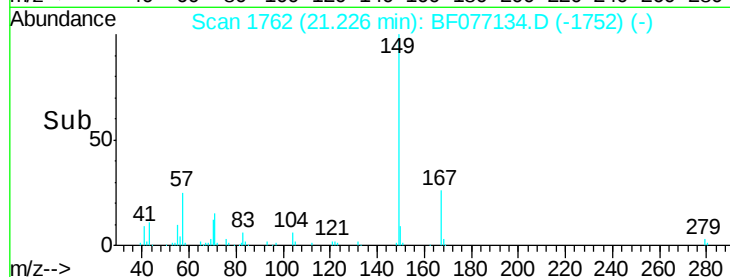
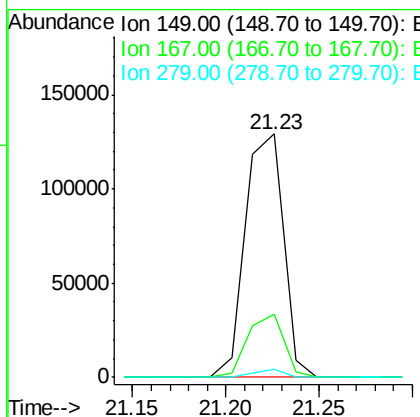
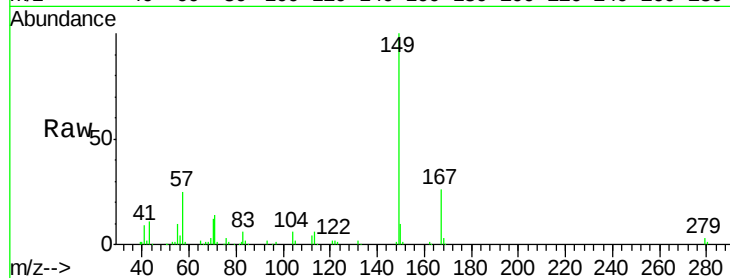




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.73 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. 0.01 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

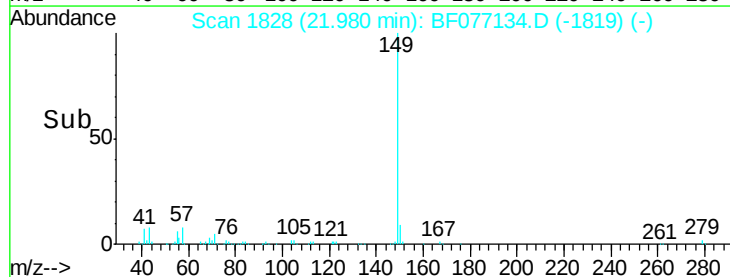
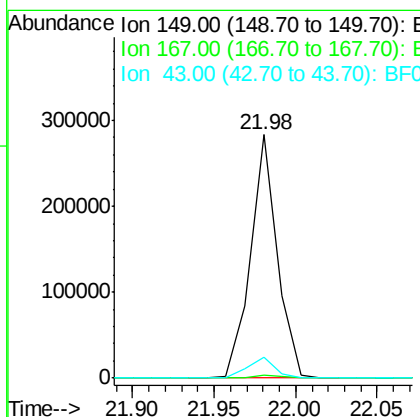
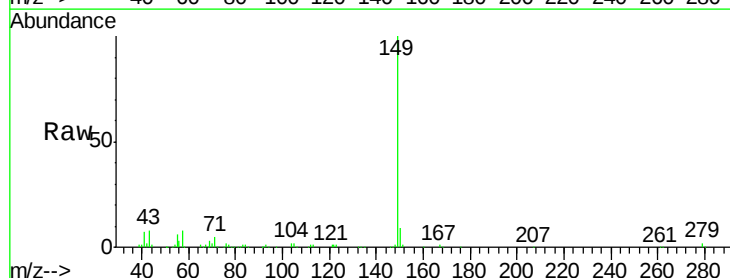
Instrument :
 BNA_F
 ClientSampleId :

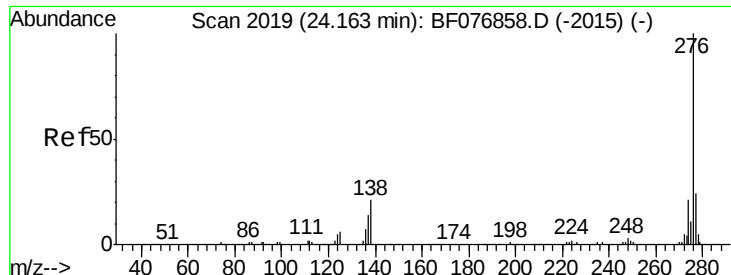
Tot Ion:149 Resp: 183291
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.6 30.8
 279 3.2 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 39.30 ng
 RT: 21.98 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Tgt Ion:149 Resp: 322810
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.1 1.7
 43 8.8 6.6 10.0

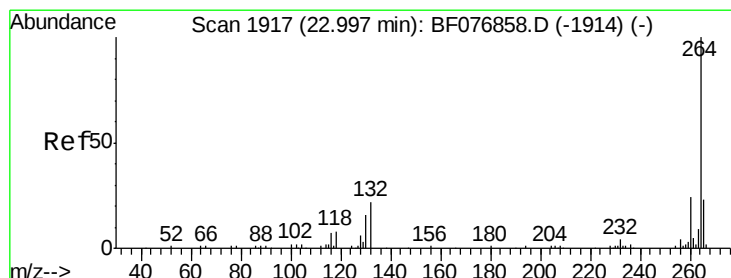
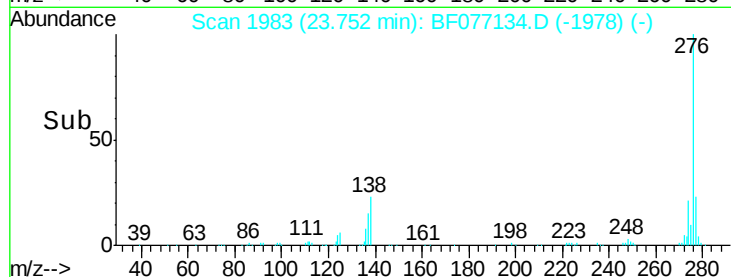
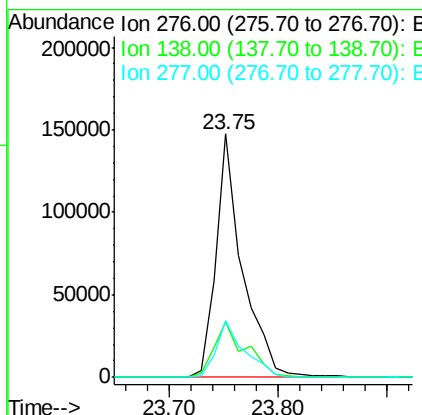
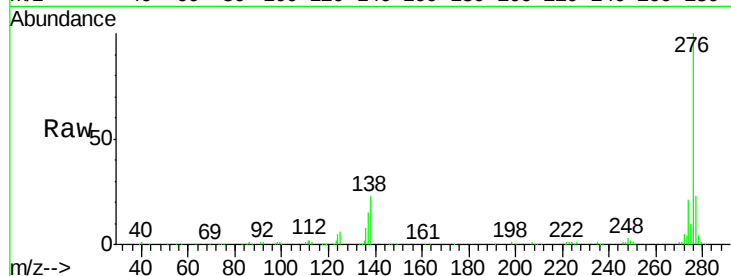




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.43 ng
RT: 23.75 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

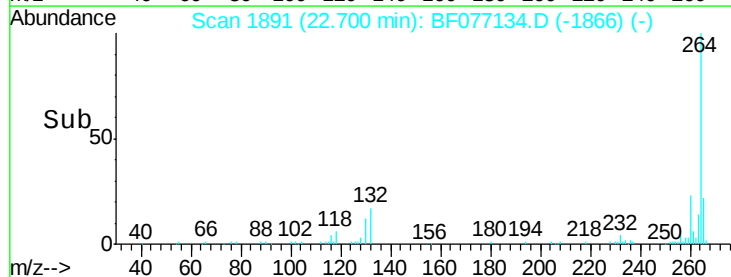
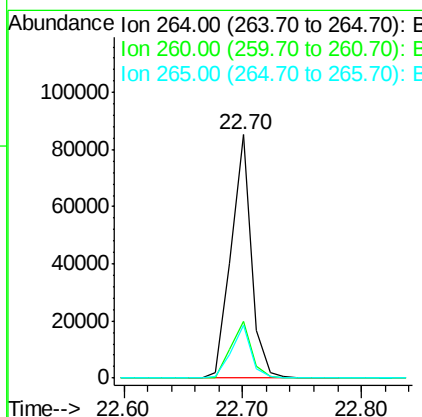
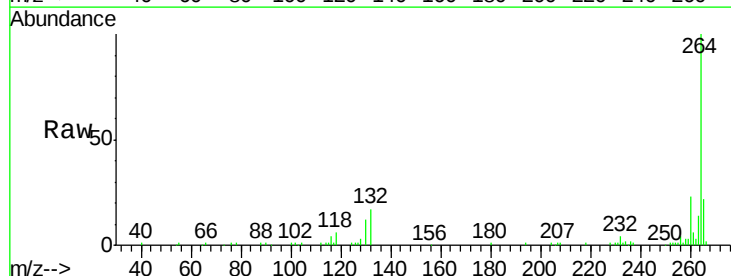
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 250136
Ion Ratio Lower Upper
276 100
138 27.6 14.6 22.0#
277 24.9 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.70 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:264 Resp: 100890
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.7 18.1 27.1

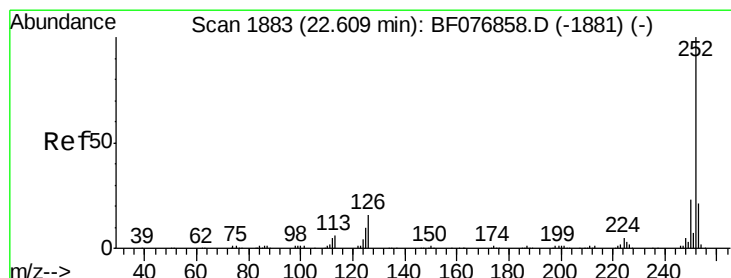
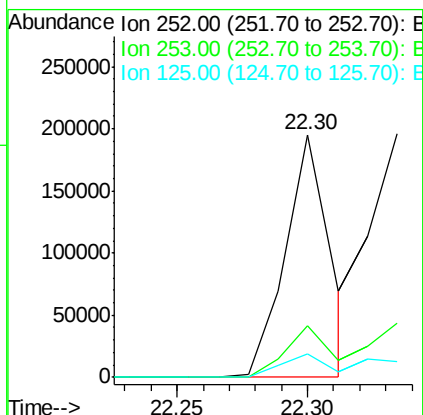
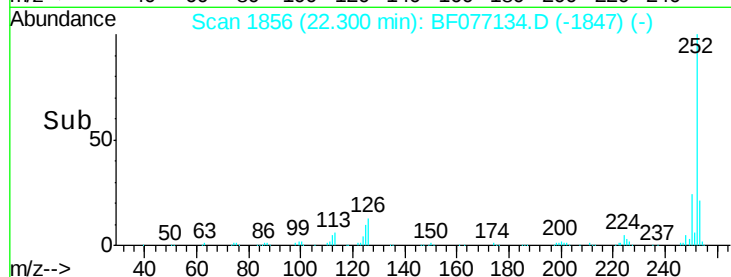
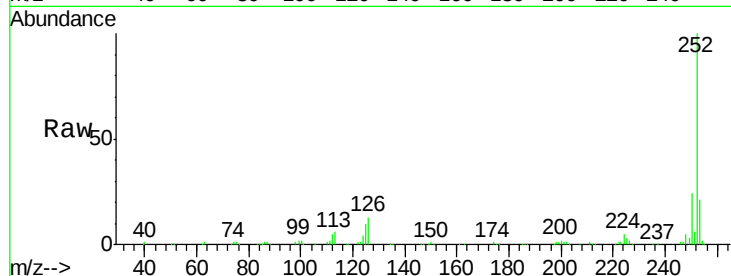




#87
Benzo(b)fluoranthene
Concen: 33.87 ng
RT: 22.30 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

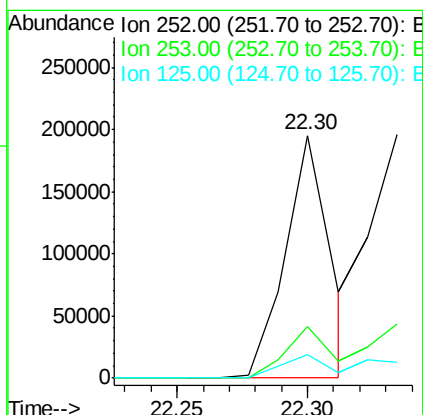
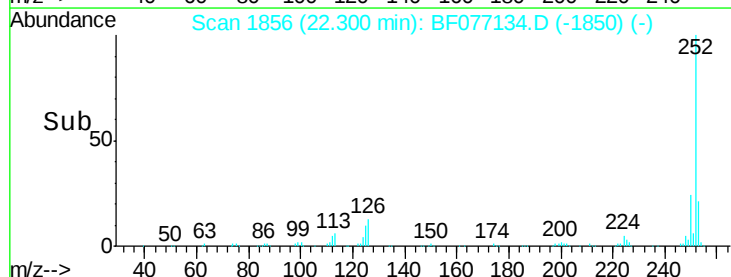
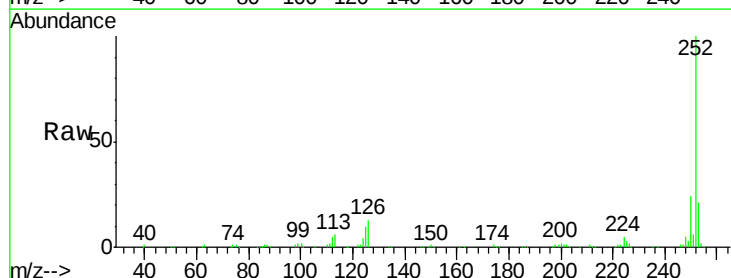
Instrument :
BNA_F
ClientSampleId :

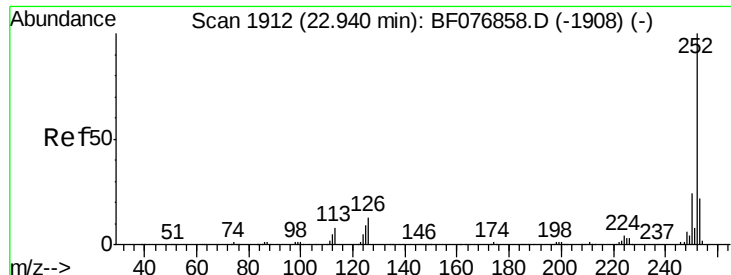
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	9.9	9.4	14.0



#88
Benzo(k)fluoranthene
Concen: 38.77 ng
RT: 22.30 min Scan# 1856
Delta R.T. -0.03 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.9	7.1	10.7

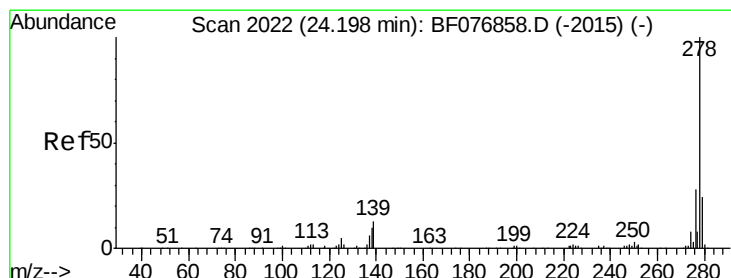
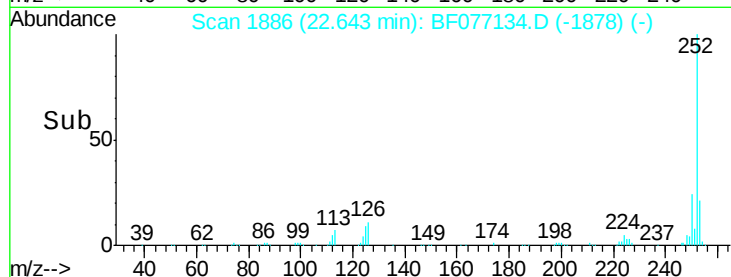
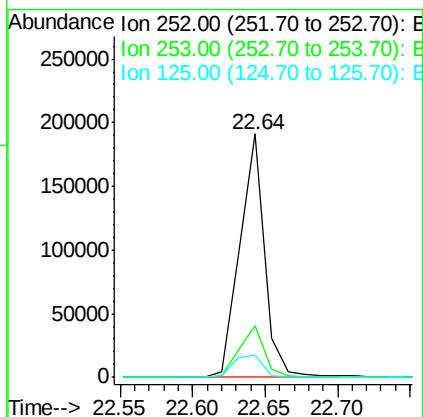
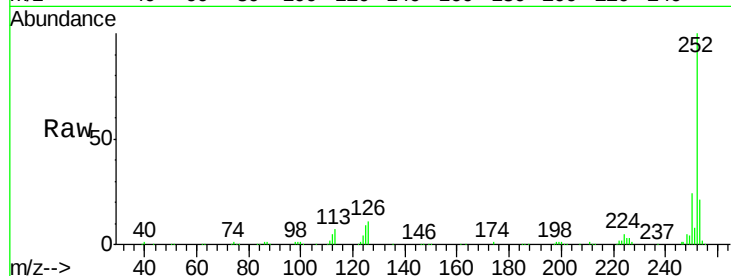




#89
Benzo(a)pyrene
Concen: 37.91 ng
RT: 22.64 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

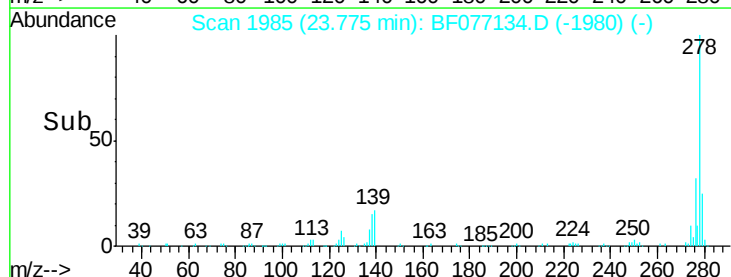
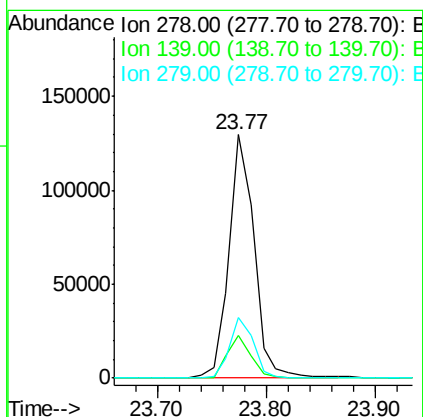
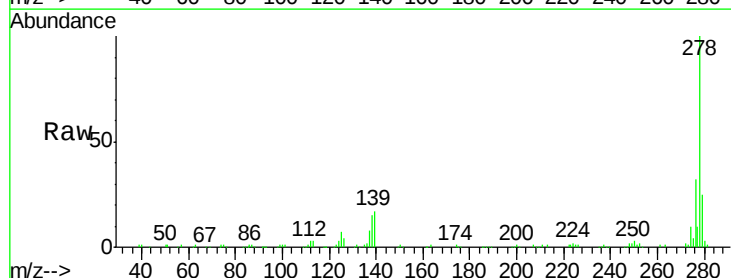
Instrument :
BNA_F
ClientSampleId :

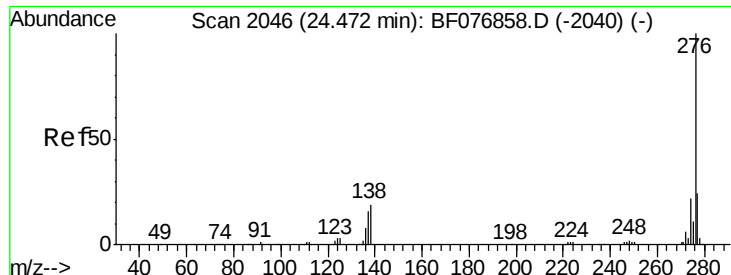
Tot Ion:252 Resp: 227221
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 9.1 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 37.64 ng
RT: 23.77 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BF077134.D
Acq: 29 Jan 2015 21:04

Tgt Ion:278 Resp: 206988
Ion Ratio Lower Upper
278 100
139 17.3 10.5 15.7#
279 24.8 19.3 28.9

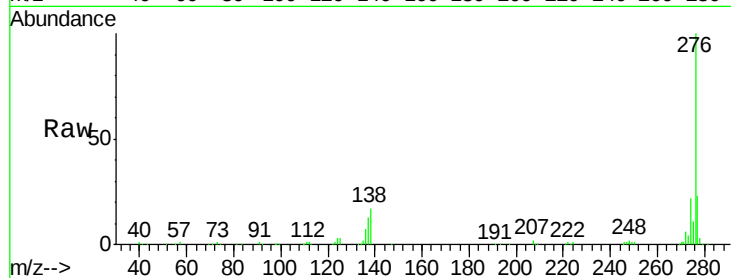




#91
 Benzo(a,h,i)perylene
 Concen: 38.99 ng
 RT: 24.03 min Scan# 2007
 Delta R.T. -0.03 min
 Lab File: BF077134.D
 Acq: 29 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	17.5	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

