

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
 Data File : BF076754.D
 Acq On : 6 Jan 2015 12:10
 Operator : IZ / TP
 Sample : PB81192BS
 Misc : W
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

Quant Time: Jan 07 00:37:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 00:04:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	43304	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	183271	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	101419	20.00	ng	-0.01
63) Phenanthrene-d10	12.26	188	175053	20.00	ng	0.00
75) Chrysene-d12	15.51	240	168950	20.00	ng	-0.01
86) Perylene-d12	17.20	264	150888	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.88	112	310287	121.48	ng	0.00
7) Phenol-d6	6.31	99	409594	131.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	235789	76.51	ng	-0.01
41) 2,4,6-Tribromophenol	11.42	330	105116	122.63	ng	-0.01
44) 2-Fluorobiphenyl	9.66	172	497650	76.36	ng	0.00
78) Terphenyl-d14	14.25	244	520578	67.97	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.41	88	33129	30.34	ng	# 100
3) Pyridine	1.92	79	83613	30.42	ng	95
4) n-Nitrosodimethylamine	1.86	42	54423	40.93	ng	95
6) Aniline	6.29	93	113905	25.57	ng	# 85
8) 2-Chlorophenol	6.44	128	113493	38.80	ng	95
10) Phenol	6.32	94	145317	38.38	ng	85
11) bis(2-Chloroethyl)ether	6.41	93	106398	39.04	ng	92
12) 1,3-Dichlorobenzene	6.63	146	125328	36.91	ng	98
13) 1,4-Dichlorobenzene	6.73	146	128240	37.28	ng	98
14) 1,2-Dichlorobenzene	6.92	146	128390	39.36	ng	98
15) Benzyl Alcohol	6.93	79	106128	39.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	147850	37.45	ng	98
17) 2-Methylphenol	7.09	107	93332	38.83	ng	97
18) Hexachloroethane	7.34	117	50574	41.14	ng	# 79
19) n-Nitroso-di-n-propylamine	7.27	70	83785	36.78	ng	# 86
20) 3+4-Methylphenols	7.29	107	121282	37.36	ng	89
22) Acetophenone	7.25	105	187145	42.60	ng	# 90
24) Nitrobenzene	7.44	77	131553	41.17	ng	96
25) Isophorone	7.75	82	229269	38.60	ng	# 92
26) 2-Nitrophenol	7.84	139	62763	40.22	ng	# 87
27) 2,4-Dimethylphenol	7.93	122	101542	40.20	ng	99
28) bis(2-Chloroethoxy)methane	8.06	93	146327	41.97	ng	99
29) 2,4-Dichlorophenol	8.15	162	99466	40.07	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	100661	37.61	ng	98
31) Naphthalene	8.32	128	358310	39.47	ng	99
32) Benzoic acid	8.09	122	61344	41.14	ng	92
33) 4-Chloroaniline	8.42	127	94195	25.42	ng	99
34) Hexachlorobutadiene	8.49	225	60994	39.20	ng	96
35) Caprolactam	8.85	113	29513	41.24	ng	90
36) 4-Chloro-3-methylphenol	9.05	107	107344	38.86	ng	95
37) 2-Methylnaphthalene	9.18	142	246283	38.88	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	99935	40.06	ng	# 75
40) Hexachlorocyclopentadiene	9.37	237	111368	77.35	ng	97
42) 2,4,6-Trichlorophenol	9.54	196	67728	37.42	ng	96

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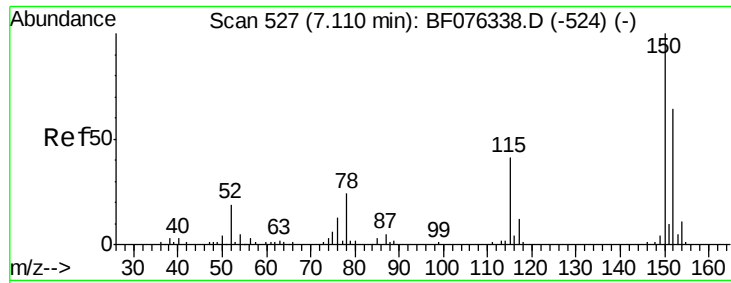
Instrument :
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Quant Time: Jan 07 00:37:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 00:04:10 2015
 Response via : Initial Calibration

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

43) 2,4,5-Trichlorophenol	9.59	196	72430	37.19	nq	# 89
45) 1,1'-Biphenyl	9.77	154	306704	40.71	nq	99
46) 2-Chloronaphthalene	9.77	162	234361	39.22	nq	94
47) 2-Nitroaniline	9.92	65	83712	46.05	nq	97
48) Acenaphthylene	10.28	152	404919	39.84	nq	99
49) Dimethylphthalate	10.17	163	291535	40.64	nq	98
50) 2,6-Dinitrotoluene	10.24	165	64902	44.15	nq	94
51) Acenaphthene	10.49	154	228961	39.82	nq	97
52) 3-Nitroaniline	10.42	138	51979	31.14	nq	# 79
53) 2,4-Dinitrophenol	10.57	184	59819	73.28	nq	# 85
54) Dibenzofuran	10.71	168	334225	40.18	nq	97
55) 4-Nitrophenol	10.68	139	100413	78.47	nq	# 74
56) 2,4-Dinitrotoluene	10.72	165	84447	43.11	nq	# 50
57) Fluorene	11.12	166	281381	40.27	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.87	232	58955	40.71	nq	# 100
59) Diethylphthalate	11.04	149	303059	41.36	nq	99
60) 4-Chlorophenyl-phenylether	11.14	204	124382	41.14	nq	# 73
61) 4-Nitroaniline	11.18	138	68259	38.91	nq	96
62) Azobenzene	11.34	77	300055	41.55	nq	87
64) 4,6-Dinitro-2-methylphenol	11.22	198	40461	36.95	nq	# 65
65) n-Nitrosodiphenylamine	11.30	169	242709	39.47	nq	97
66) 4-Bromophenyl-phenylether	11.75	248	72863	42.73	nq	# 69
67) Hexachlorobenzene	11.78	284	79026	39.71	nq	# 89
68) Atrazine	11.99	200	79214	43.11	nq	93
69) Pentachlorophenol	12.05	266	86682	88.97	nq	95
70) Phenanthrene	12.30	178	403041	38.16	nq	98
71) Anthracene	12.36	178	419266	40.46	nq	98
72) Carbazole	12.57	167	381468	37.95	nq	99
73) Di-n-butylphthalate	13.05	149	503959	40.82	nq	100
74) Fluoranthene	13.75	202	441976	40.98	nq	95
76) Benzidine	13.96	184	191726	27.23	nq	99
77) Pyrene	14.03	202	460865	38.99	nq	99
79) Butylbenzylphthalate	14.89	149	217459	38.48	nq	91
80) Benzo(a)anthracene	15.50	228	410556	39.02	nq	98
81) 3,3'-Dichlorobenzidine	15.50	252	90713	25.79	nq	# 99
82) Chrysene	15.55	228	380273	39.50	nq	98
83) Bis(2-ethylhexyl)phthalate	15.63	149	307614	35.98	nq	# 93
84) Di-n-octyl phthalate	16.40	149	535099	36.66	nq	99
85) Indeno(1,2,3-cd)pyrene	18.39	276	413069	39.10	nq	96
87) Benzo(b)fluoranthene	16.77	252	433282	43.53	nq	# 97
88) Benzo(k)fluoranthene	16.80	252	304510m	32.85	nq	
89) Benzo(a)pyrene	17.15	252	352205	39.65	nq	# 97
90) Dibenzo(a,h)anthracene	18.43	278	343328	39.00	nq	# 95
91) Benzo(q,h,i)perylene	18.71	276	349366	40.79	nq	# 93

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

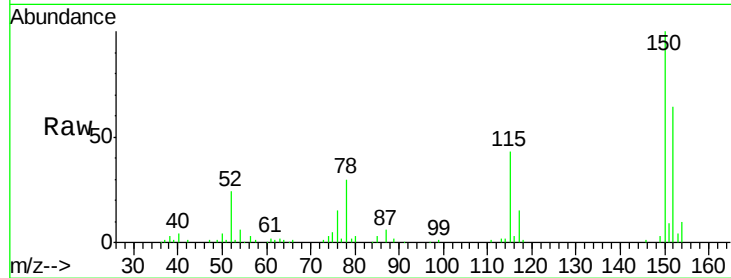


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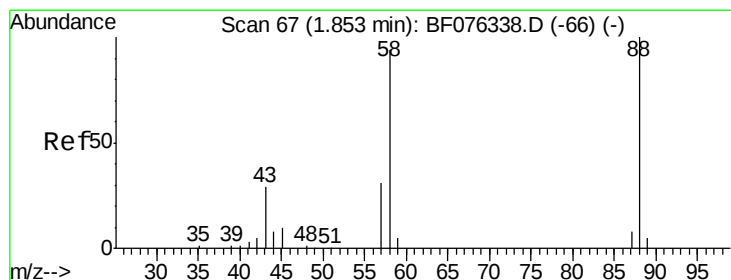
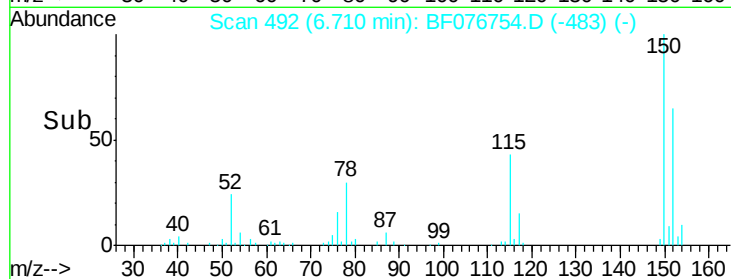
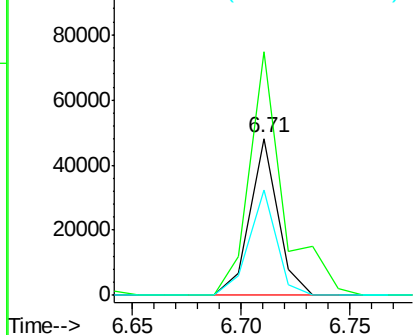
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:152 Resp: 43304
Ion Ratio Lower Upper
152 100
150 155.1 125.2 187.8
115 67.1 51.4 77.0



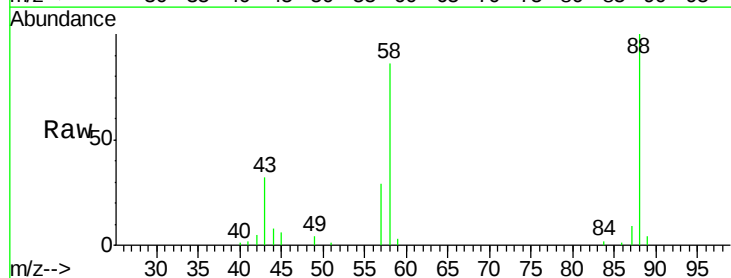
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



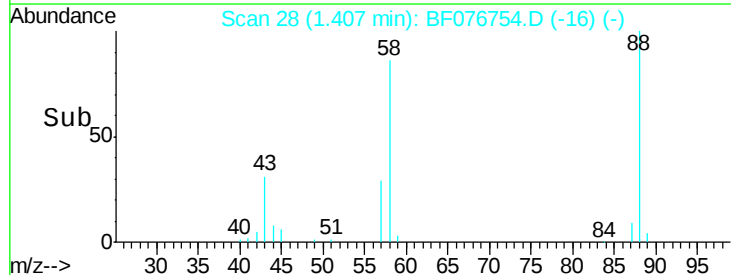
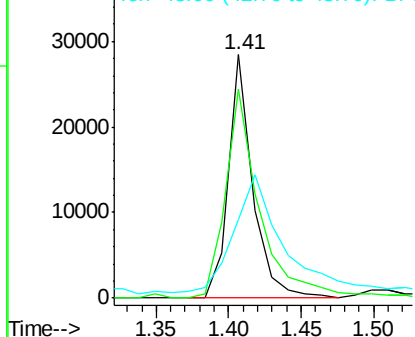
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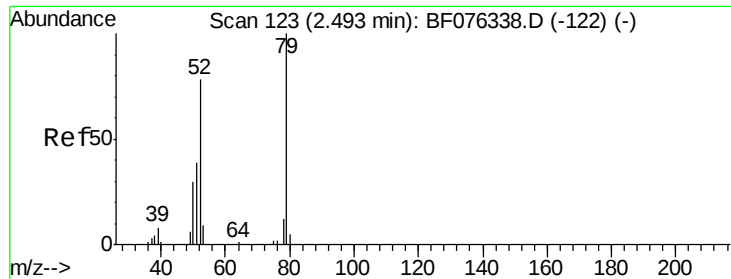
1,4-Dioxane
Concen: 30.34 ng
RT: 1.41 min Scan# 28
Delta R.T. 0.03 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion: 88 Resp: 33129
Ion Ratio Lower Upper
88 100
58 122.2 0.0 0.0#
43 102.8 0.0 0.0#



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: 30.42 ng

RT: 1.92 min Scan# 73

Delta R.T. 0.05 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

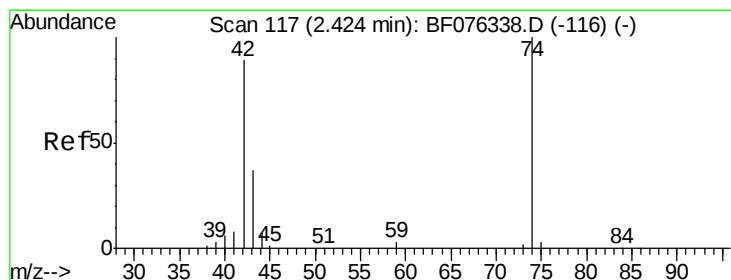
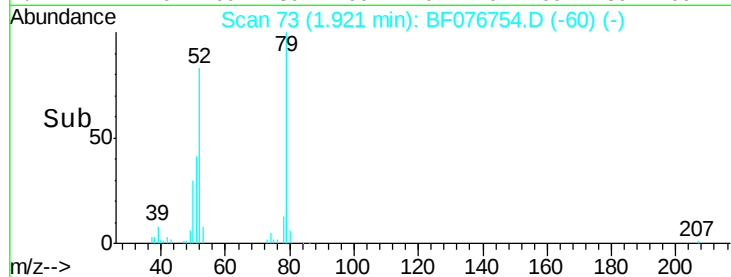
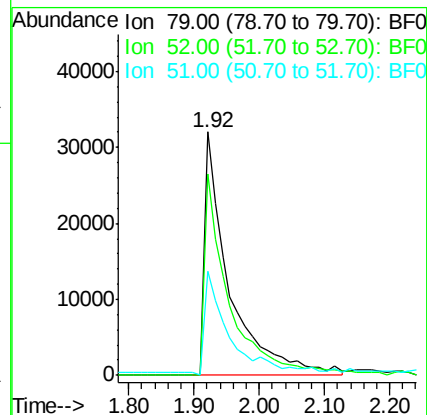
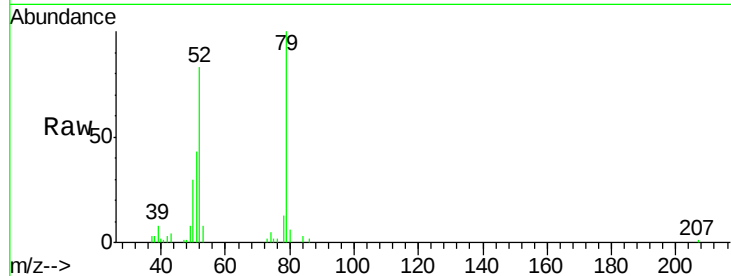
Tot Ion: 79 Resp: 83613

Ion Ratio Lower Upper

79 100

52 82.6 62.2 93.4

51 42.7 32.1 48.1



#4

n-Nitrosodimethylamine

Concen: 40.93 ng

RT: 1.86 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

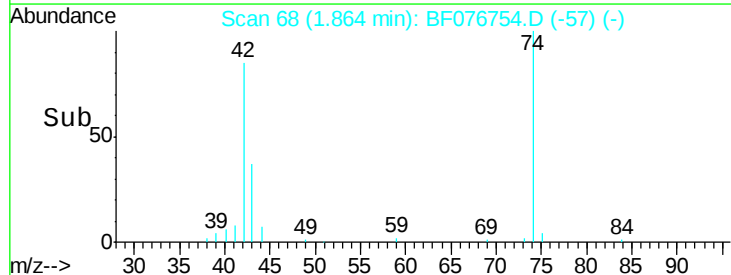
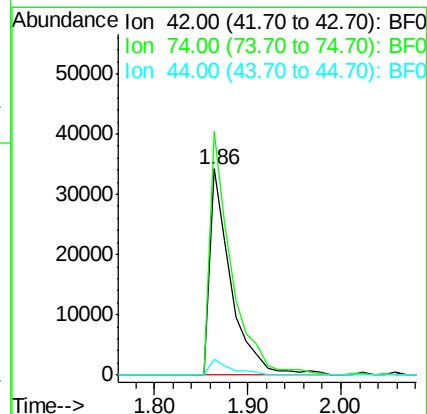
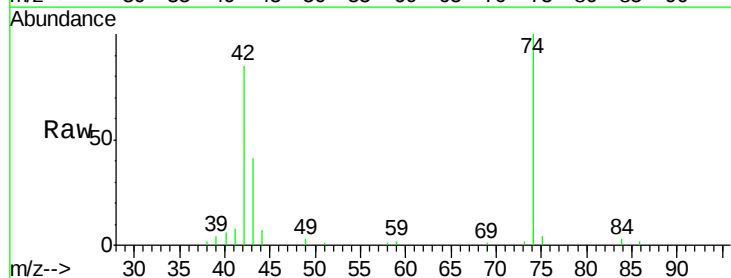
Tgt Ion: 42 Resp: 54423

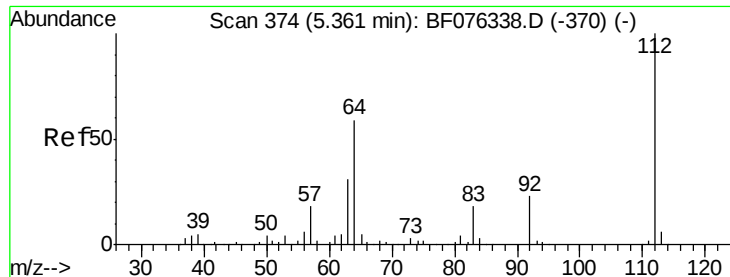
Ion Ratio Lower Upper

42 100

74 118.0 89.9 134.9

44 7.7 6.4 9.6





#5

2-Fluorophenol

Concen: 121.48 ng

RT: 4.88 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

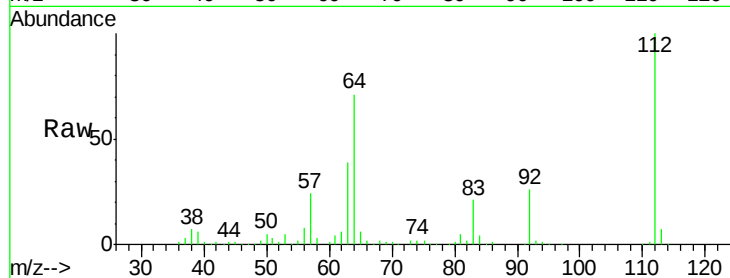
Tot Ion: 112 Resp: 310287

Ion Ratio Lower Upper

112 100

64 70.9 47.4 71.0

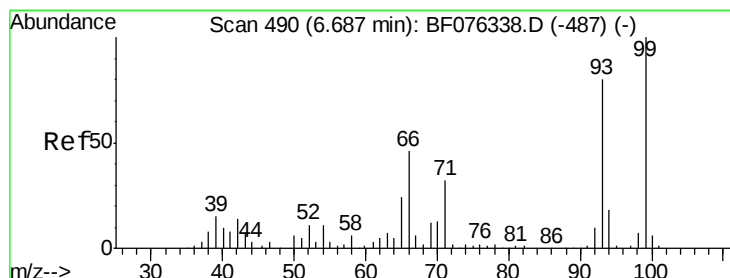
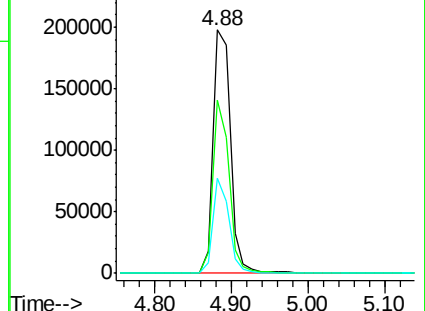
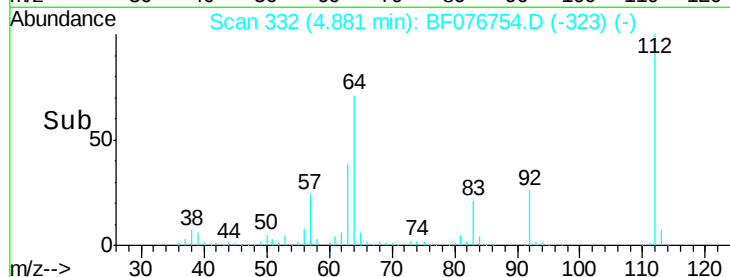
63 39.2 25.0 37.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.57 ng

RT: 6.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

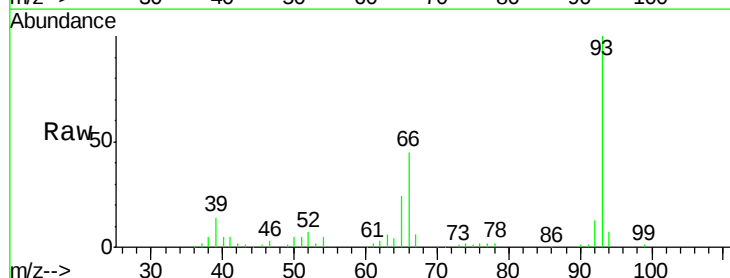
Tgt Ion: 93 Resp: 113905

Ion Ratio Lower Upper

93 100

66 44.7 45.7 68.5#

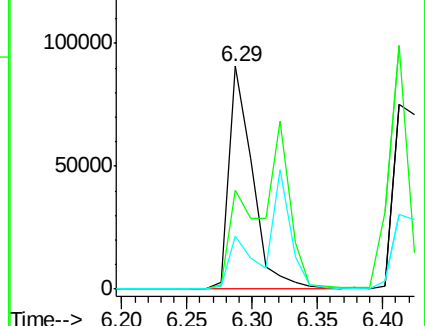
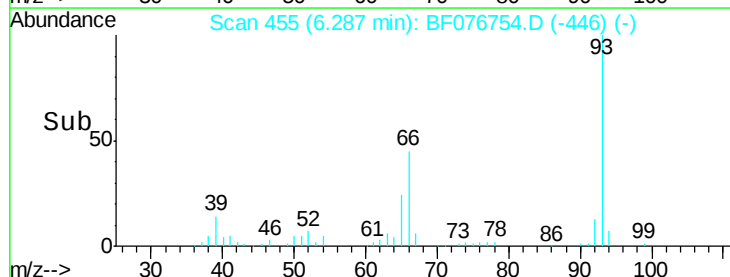
65 23.8 24.3 36.5#

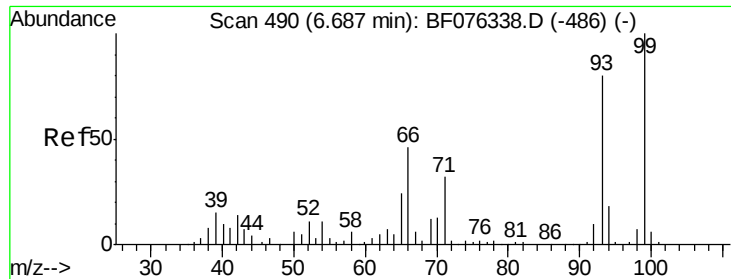


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.29 ng

RT: 6.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampled :

PB81192BS

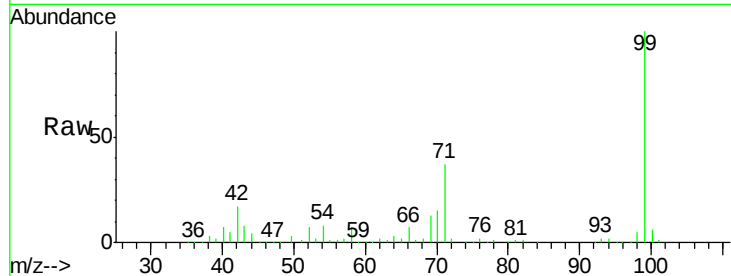
Tot Ion: 99 Resp: 409594

Ion Ratio Lower Upper

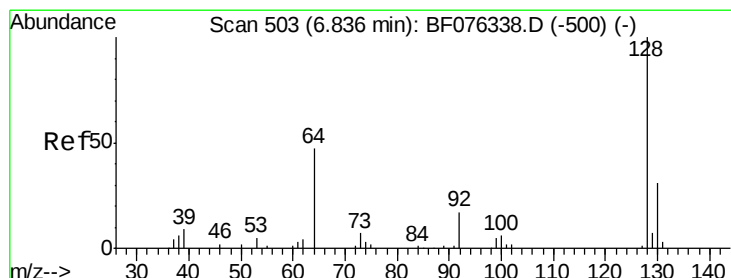
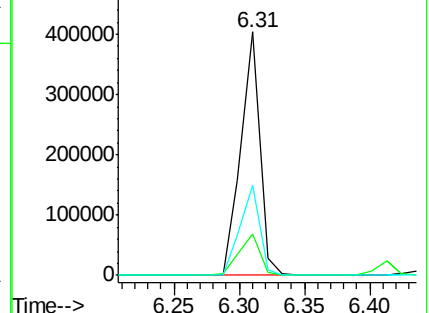
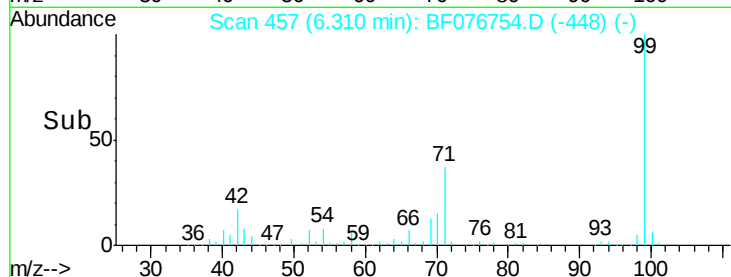
99 100

42 16.8 11.6 17.4

71 36.8 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.80 ng

RT: 6.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

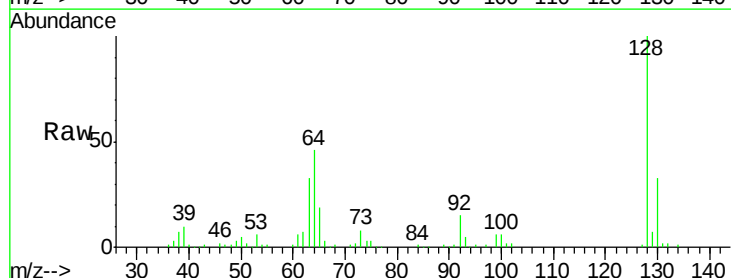
Tgt Ion:128 Resp: 113493

Ion Ratio Lower Upper

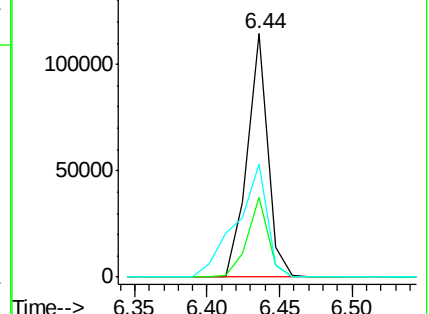
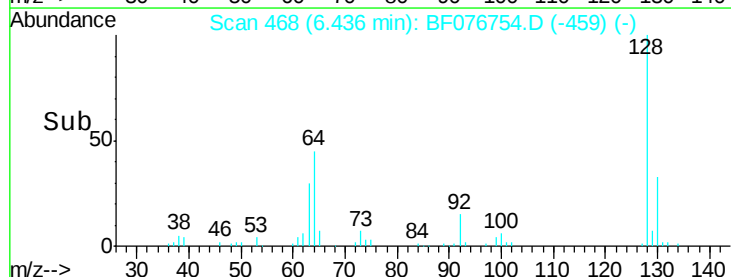
128 100

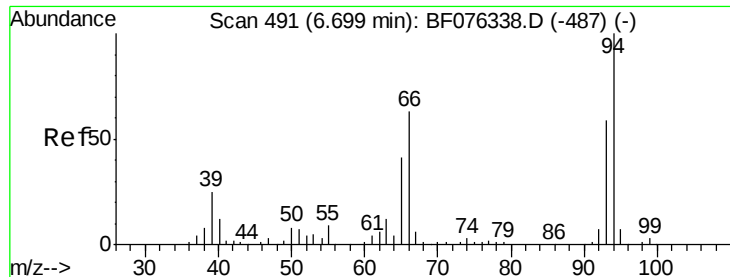
130 32.6 11.3 51.3

64 46.3 31.3 71.3



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





#10

Phenol

Concen: 38.38 ng

RT: 6.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

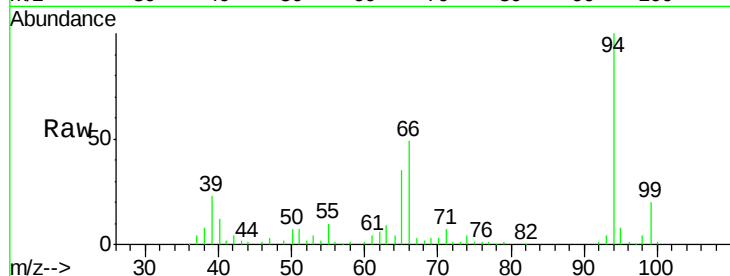
Tot Ion: 94 Resp: 145317

Ion Ratio Lower Upper

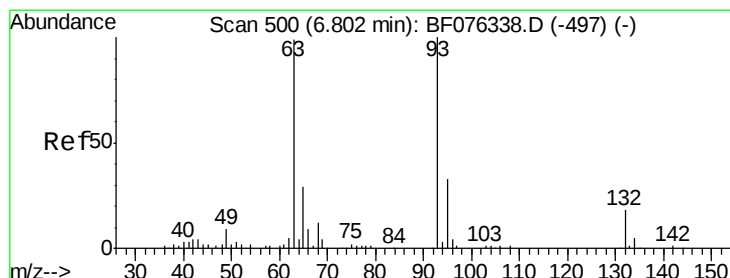
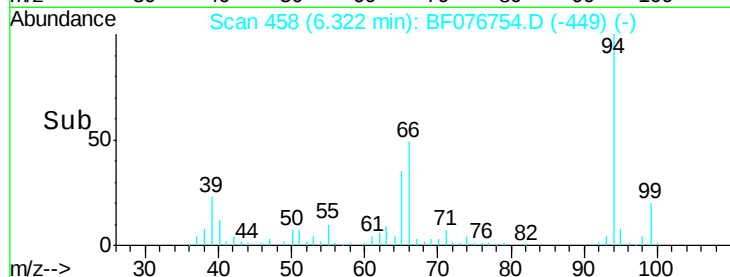
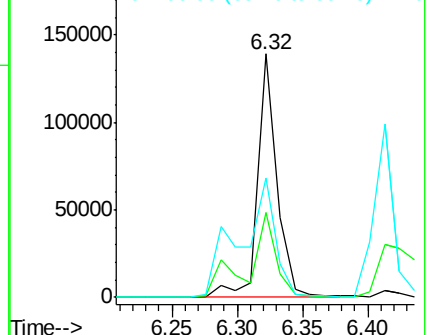
94 100

65 34.9 21.5 61.5

66 49.1 42.9 82.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 39.04 ng

RT: 6.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

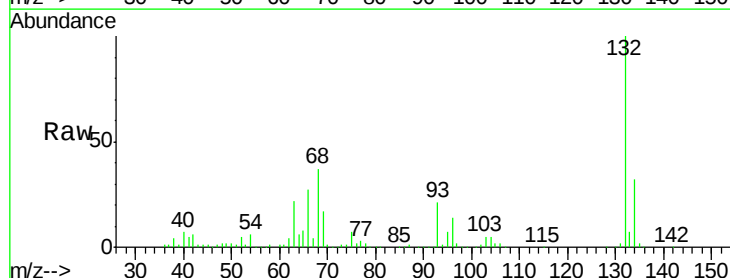
Tgt Ion: 93 Resp: 106398

Ion Ratio Lower Upper

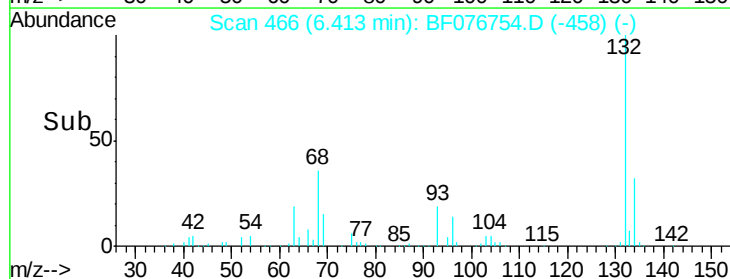
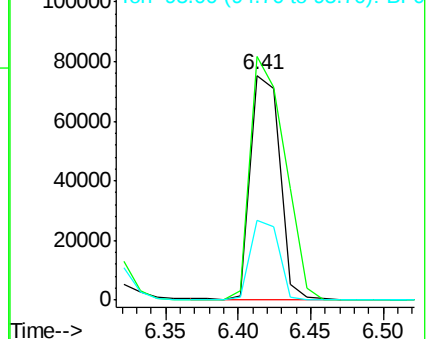
93 100

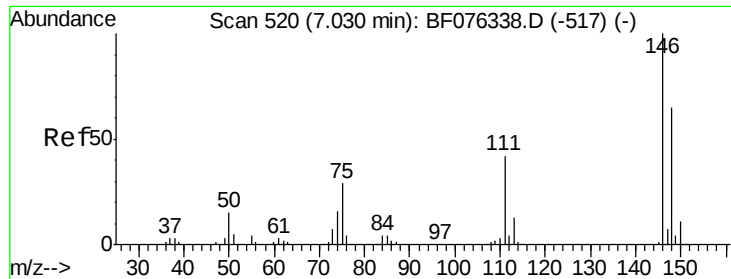
63 108.4 79.1 119.1

95 35.5 12.6 52.6



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

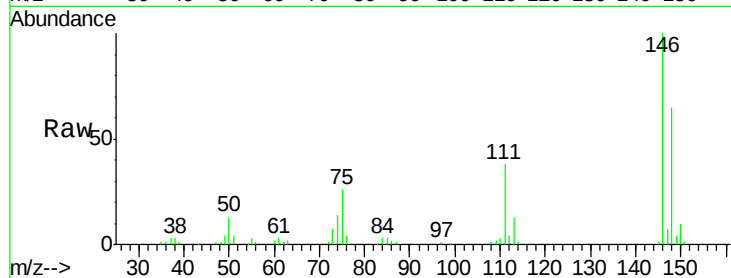




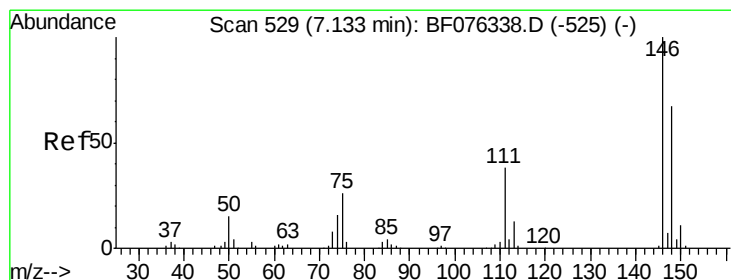
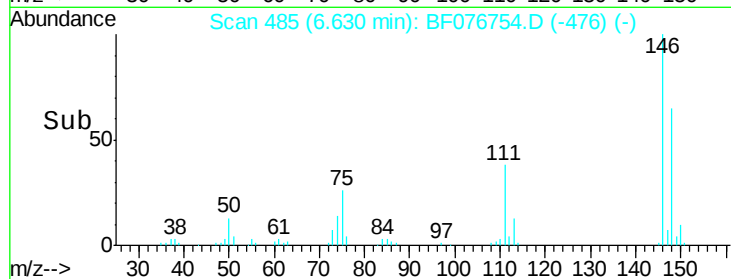
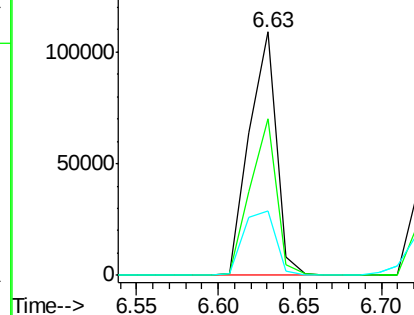
#12
 1,3-Dichlorobenzene
 Concen: 36.91 ng
 RT: 6.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
75	26.3	23.0	34.4

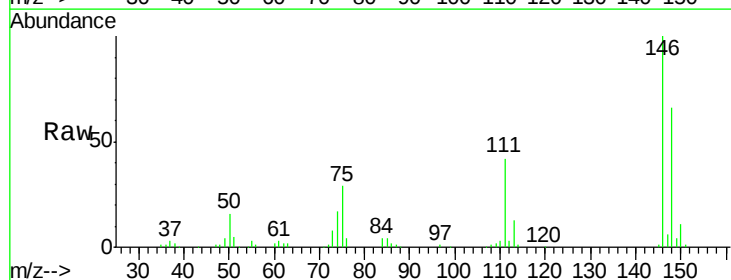


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

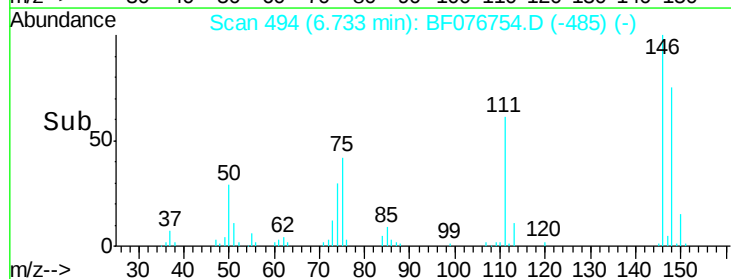
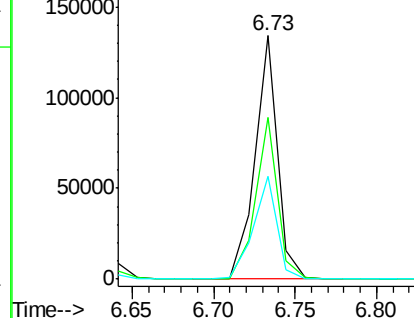


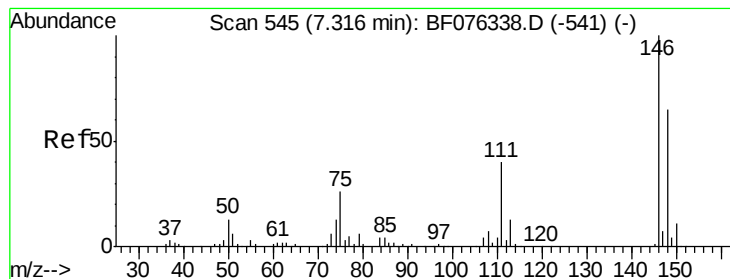
#13
 1,4-Dichlorobenzene
 Concen: 37.28 ng
 RT: 6.73 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.2	79.8
111	42.0	30.7	46.1



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

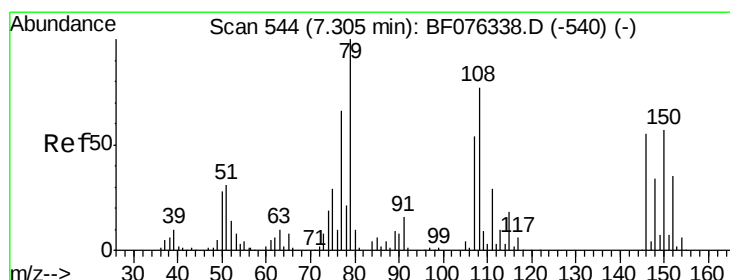
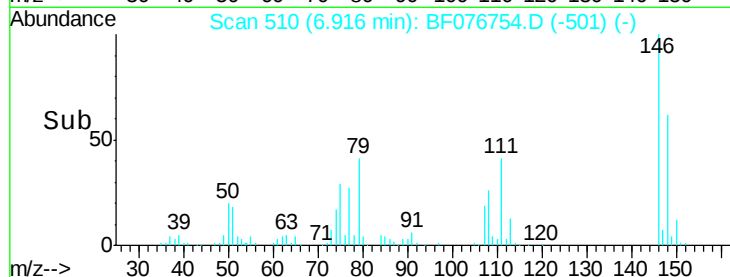
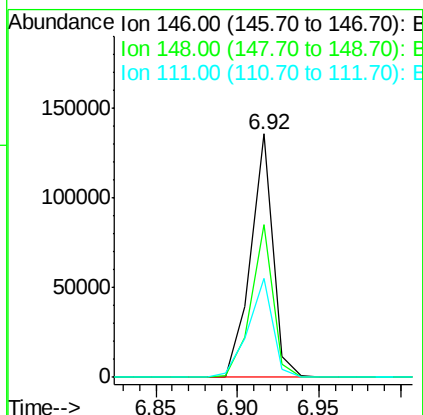
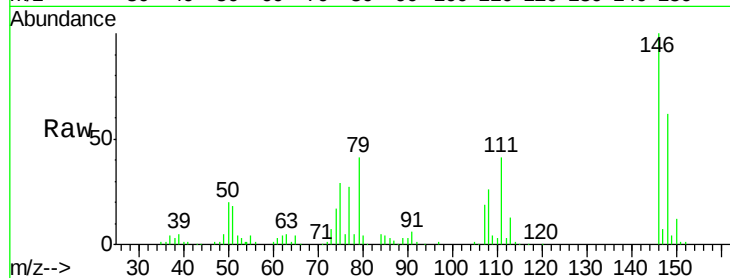




#14
 1,2-Dichlorobenzene
 Concen: 39.36 ng
 RT: 6.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

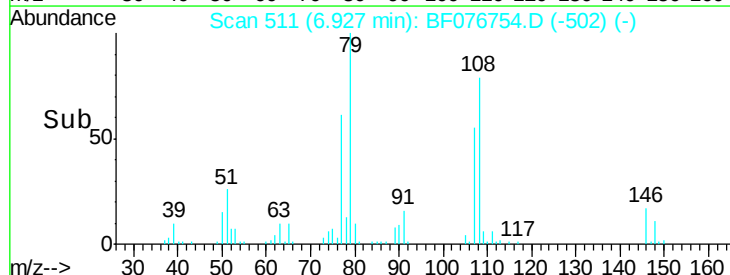
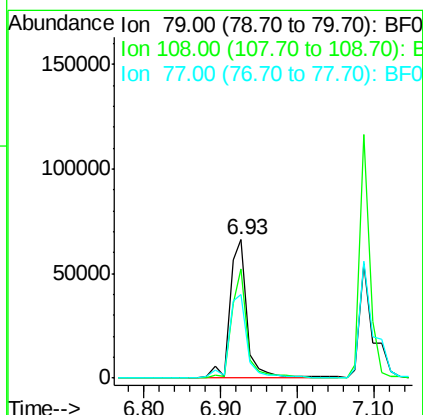
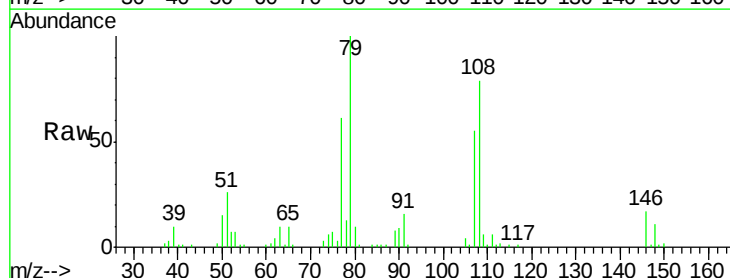
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

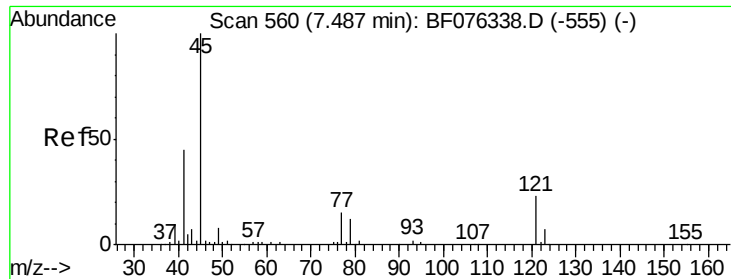
Tot Ion:146 Resp: 128390
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 40.6 32.2 48.2



#15
 Benzyl Alcohol
 Concen: 39.29 ng
 RT: 6.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion: 79 Resp: 106128
 Ion Ratio Lower Upper
 79 100
 108 79.2 62.0 93.0
 77 60.8 53.0 79.6

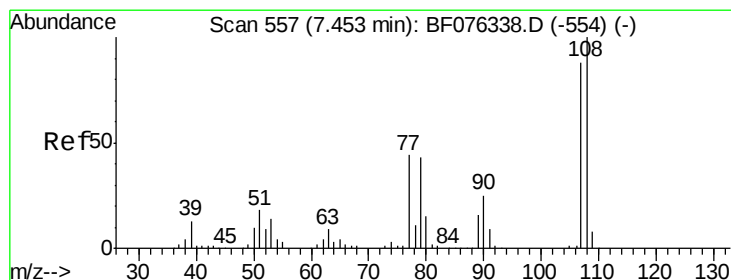
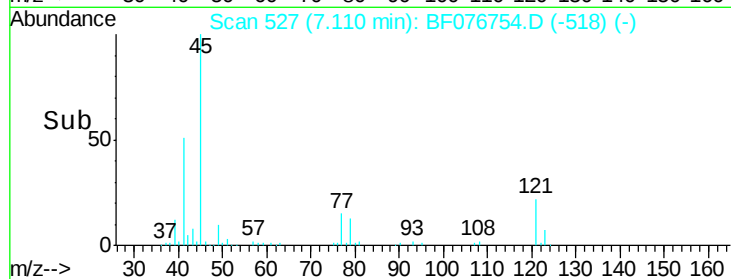
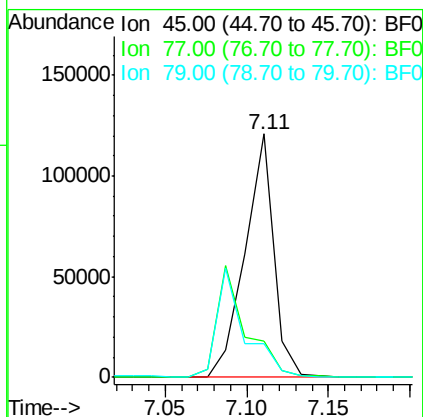
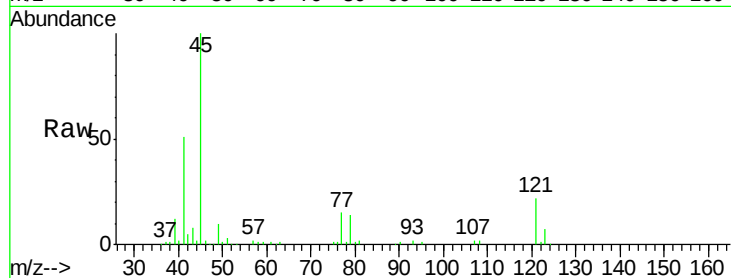




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.45 ng
RT: 7.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

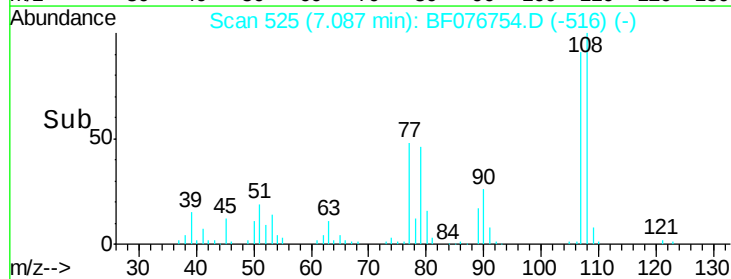
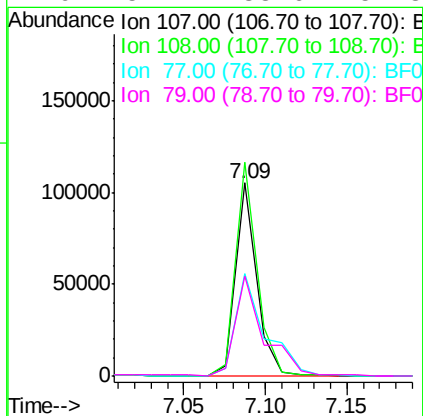
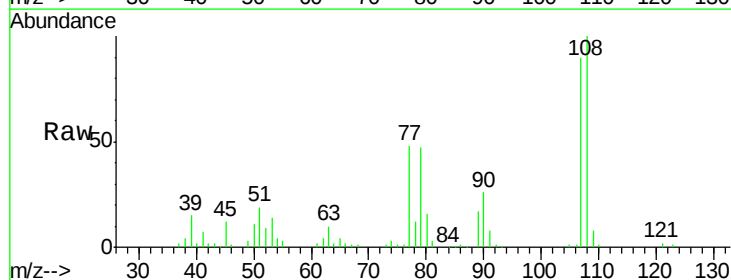
Instrument :
BNA_F
ClientSampleId :
PB81192BS

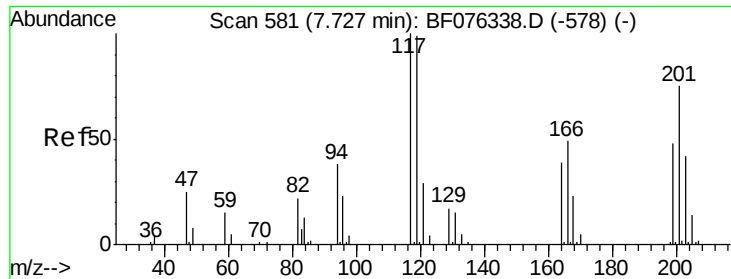
Tot Ion: 45 Resp: 147850
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.5
79 13.6 0.0 32.3



#17
2-Methylphenol
Concen: 38.83 ng
RT: 7.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion: 107 Resp: 93332
Ion Ratio Lower Upper
107 100
108 110.6 90.6 135.8
77 52.9 40.1 60.1
79 51.7 38.6 57.8

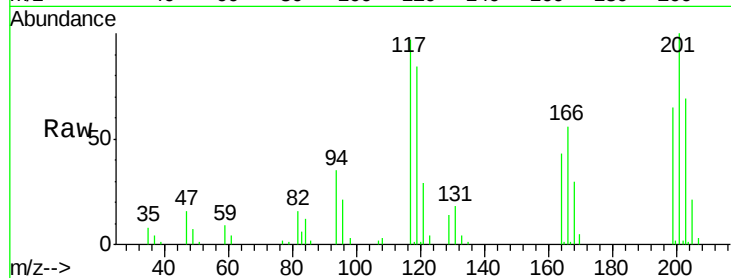




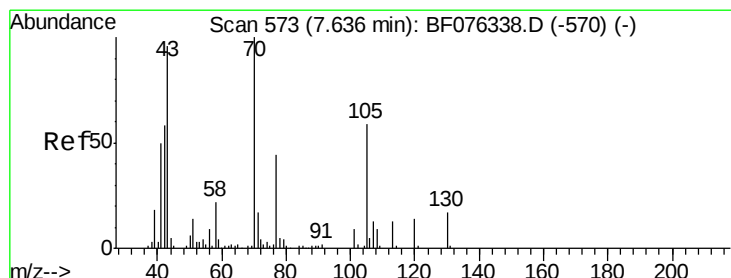
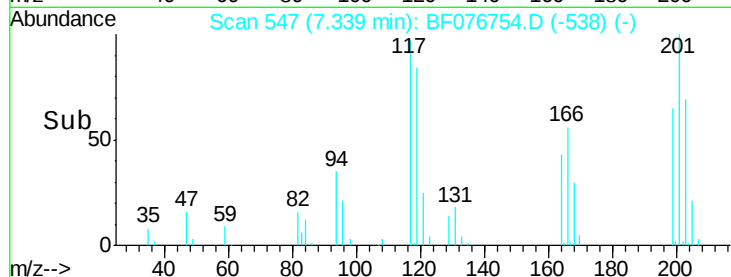
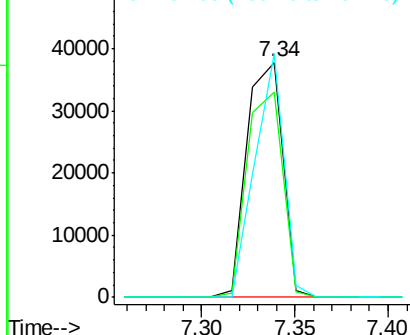
#18
Hexachloroethane
Concen: 41.14 ng
RT: 7.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleID :
PB81192BS

Tot Ion:117 Resp: 50574
Ion Ratio Lower Upper
117 100
119 87.3 79.3 118.9
201 103.5 59.7 89.5#

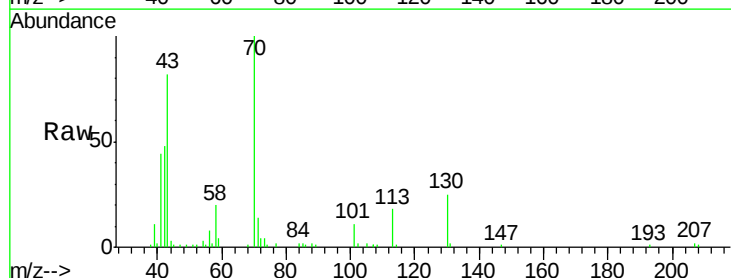


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

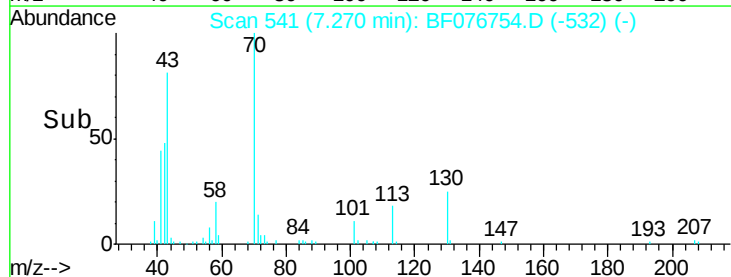
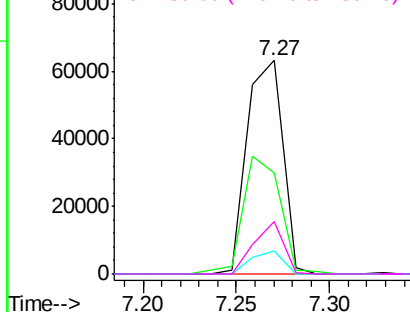


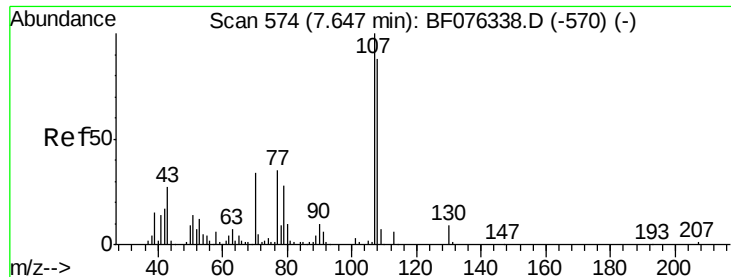
#19
n-Nitroso-di-n-propylamine
Concen: 36.78 ng
RT: 7.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion: 70 Resp: 83785
Ion Ratio Lower Upper
70 100
42 47.6 46.6 70.0
101 10.7 7.0 10.6#
130 24.8 14.0 21.0#



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): E
Ion 130.00 (129.70 to 130.70): E

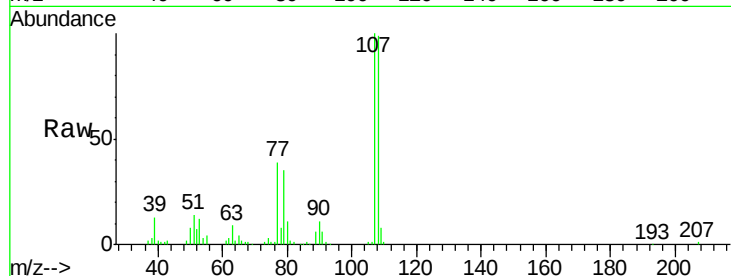




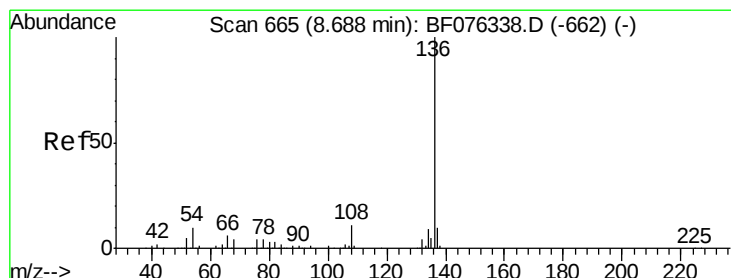
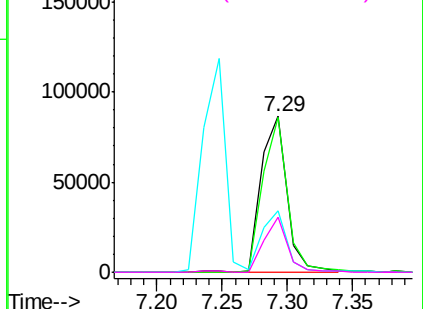
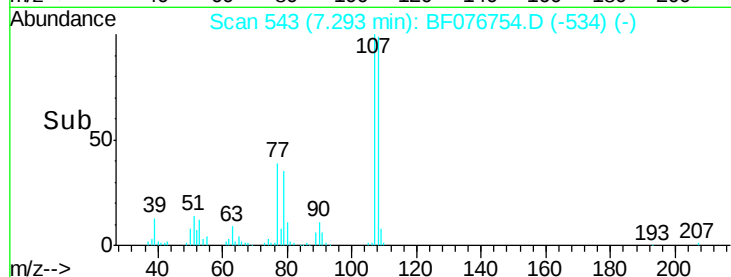
#20
3+4-Methylphenols
Concen: 37.36 ng
RT: 7.29 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:	107	Resp:	121282
Ion	Ratio	Lower	Upper
107	100		
108	99.3	67.5	107.5
77	39.1	15.2	55.2
79	35.2	8.3	48.3

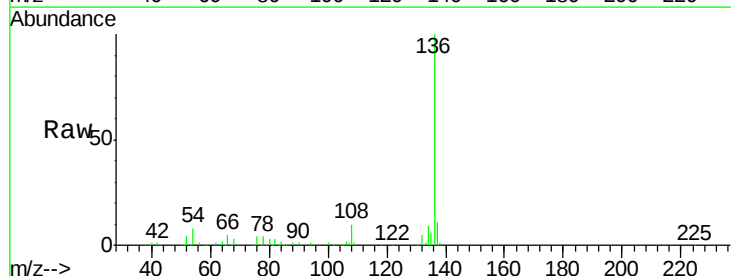


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

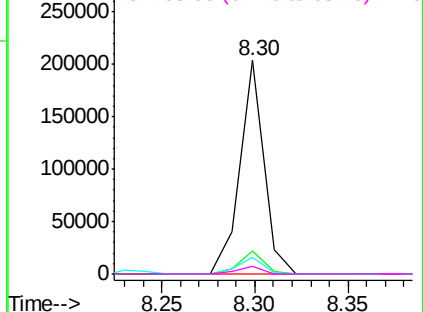
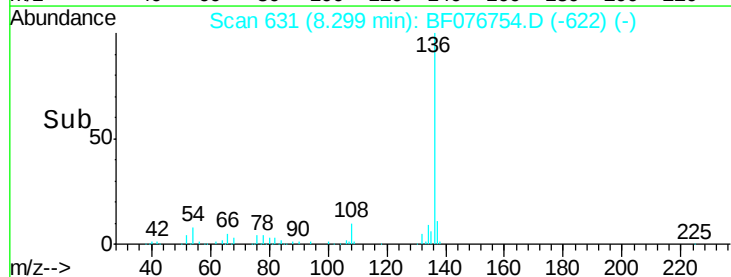


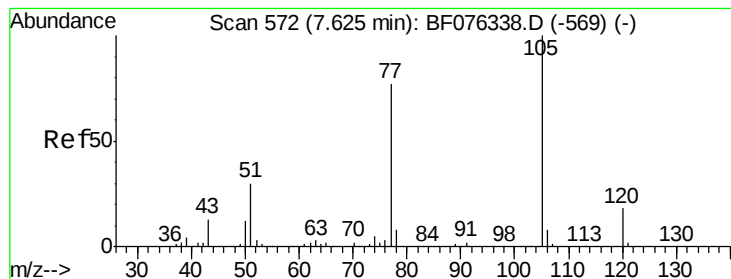
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:	136	Resp:	183271
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.9	7.8	11.6
68	3.5	3.4	5.2



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





#22

Acetophenone

Concen: 42.60 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

Tot Ion:105 Resp: 187145

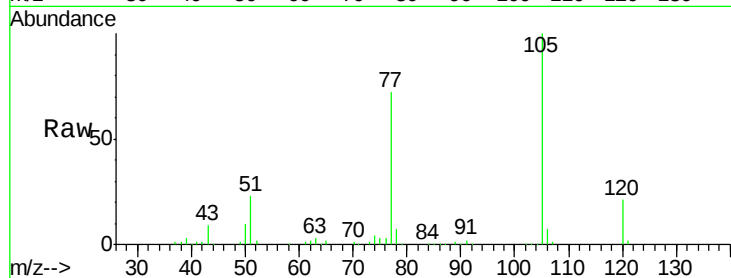
Ion Ratio Lower Upper

105 100

71 0.2 0.3 0.5#

51 23.4 23.8 35.8#

120 21.3 14.6 22.0

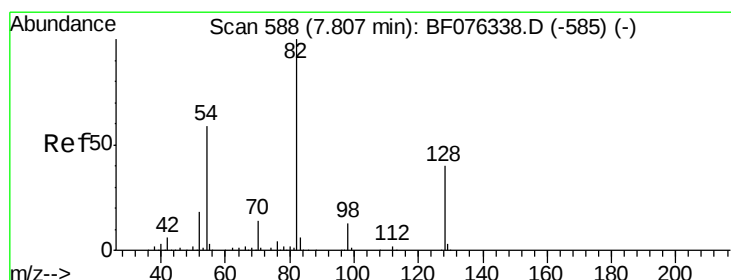
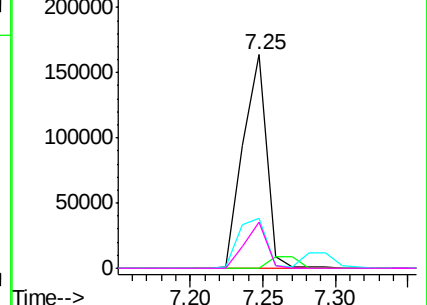
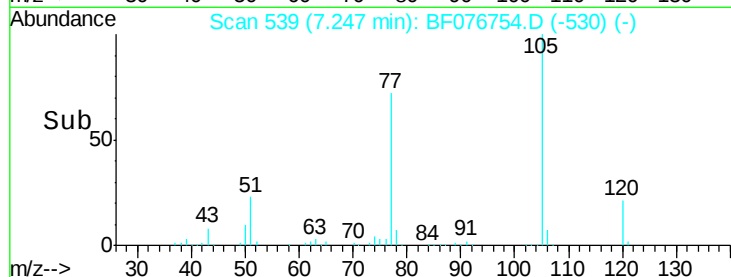


Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.51 ng

RT: 7.42 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

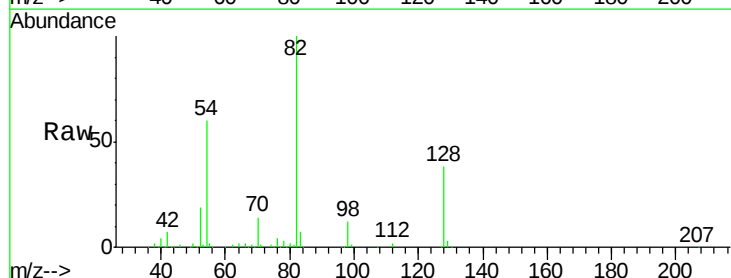
Tgt Ion: 82 Resp: 235789

Ion Ratio Lower Upper

82 100

128 37.5 31.9 47.9

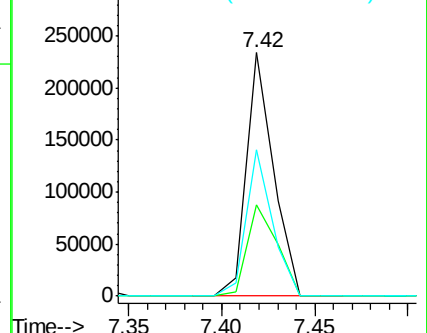
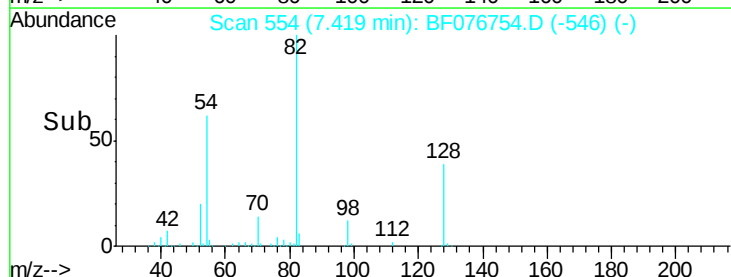
54 59.9 47.2 70.8

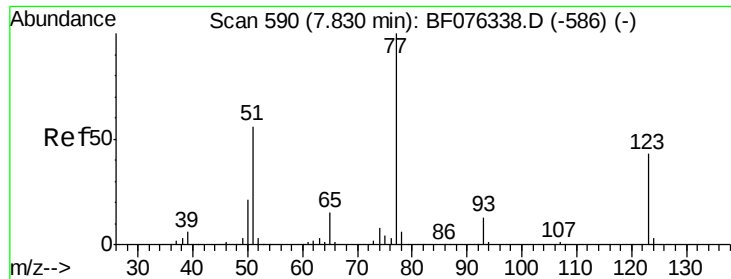


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 41.17 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

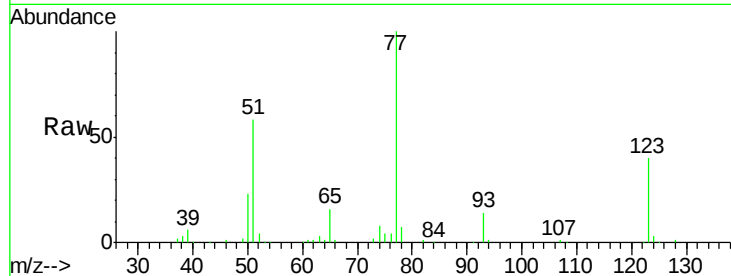
Tot Ion: 77 Resp: 131553

Ion Ratio Lower Upper

77 100

123 39.5 34.3 51.5

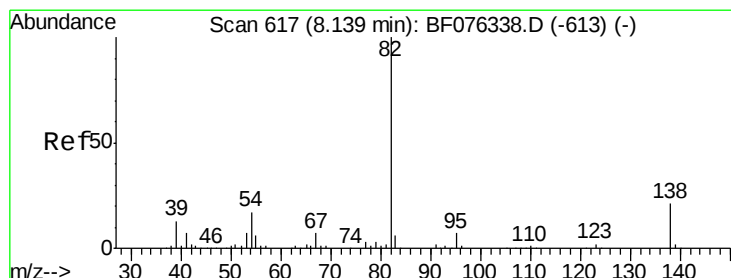
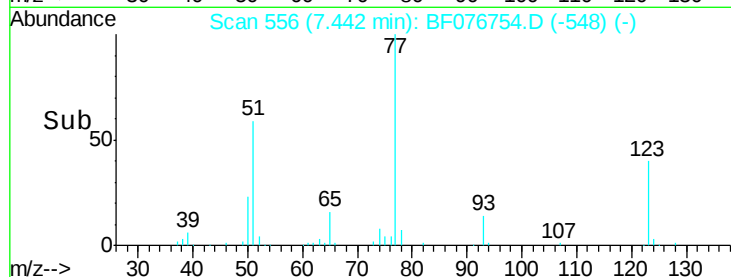
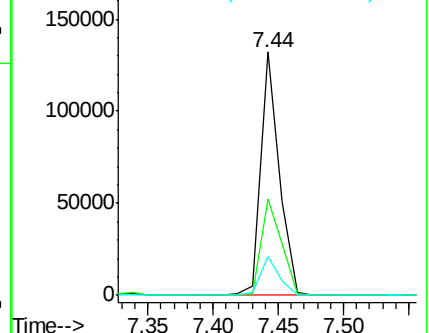
65 16.0 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 38.60 ng

RT: 7.75 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

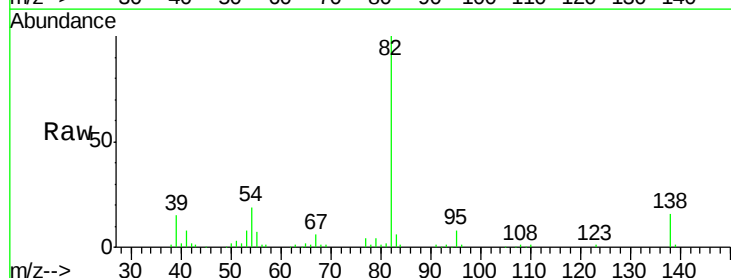
Tgt Ion: 82 Resp: 229269

Ion Ratio Lower Upper

82 100

95 7.7 5.9 8.9

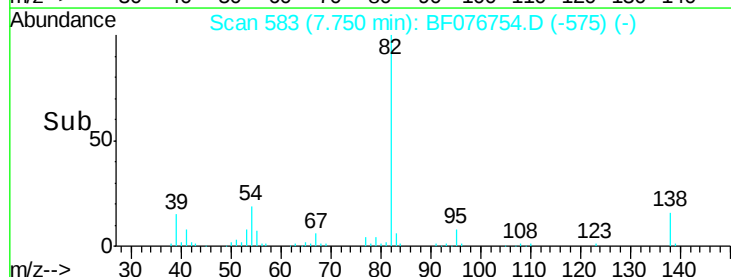
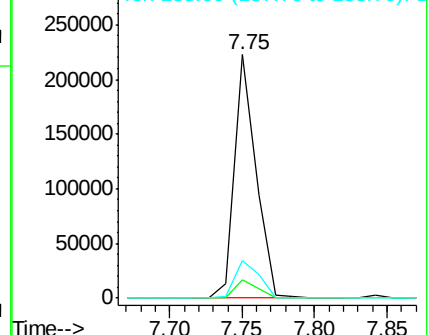
138 15.6 16.6 25.0#

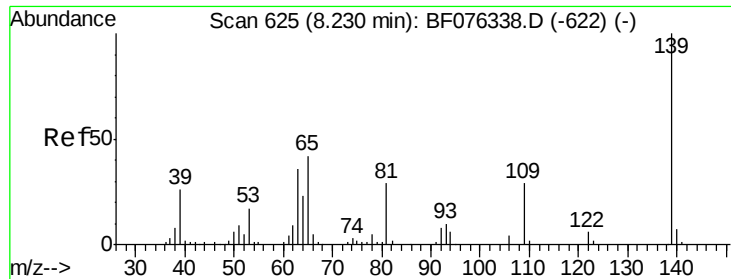


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

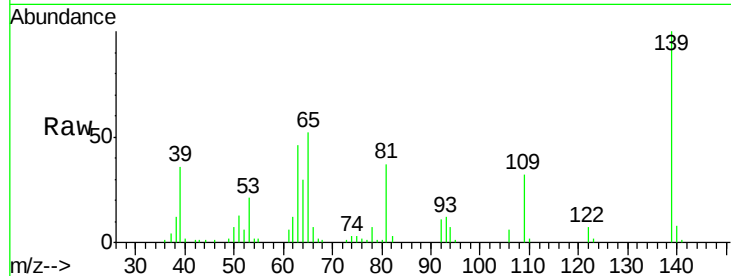




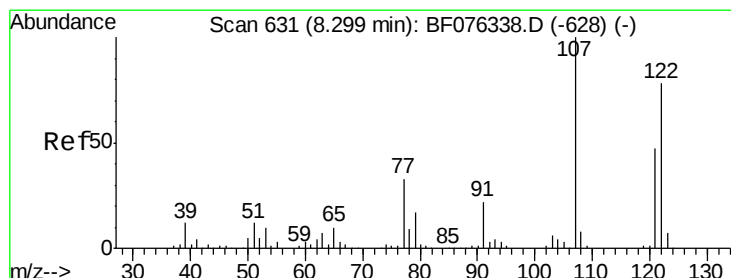
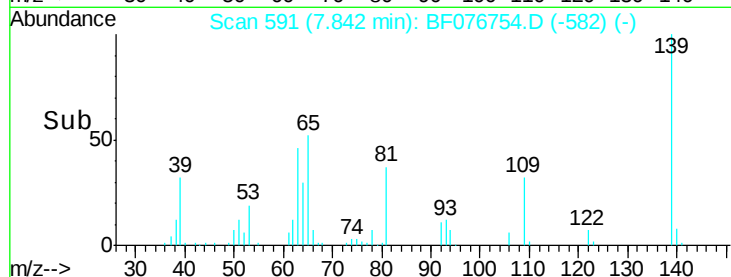
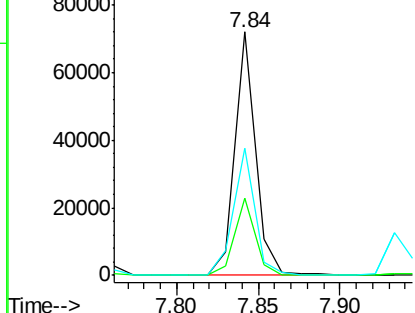
#26
2-Nitrophenol
Concen: 40.22 ng
RT: 7.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:139 Resp: 62763
Ion Ratio Lower Upper
139 100
109 31.8 22.9 34.3
65 52.4 33.3 49.9#

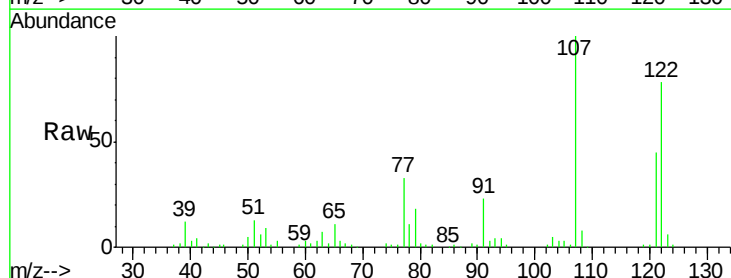


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

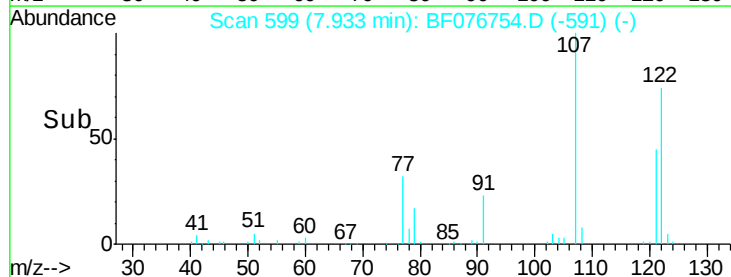
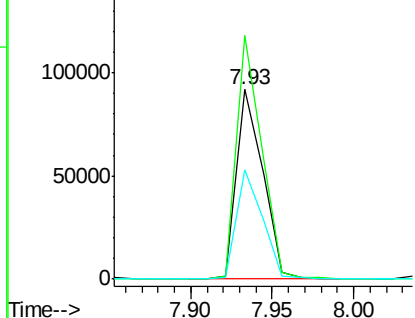


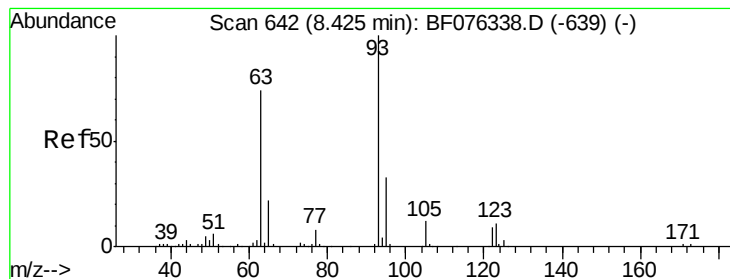
#27
2,4-Dimethylphenol
Concen: 40.20 ng
RT: 7.93 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:122 Resp: 101542
Ion Ratio Lower Upper
122 100
107 128.6 102.5 153.7
121 57.9 47.8 71.8



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





#28

bis(2-Chloroethoxy)methane

Concen: 41.97 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

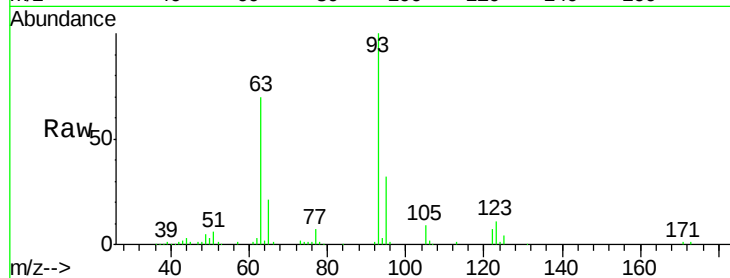
Tot Ion: 93 Resp: 146327

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

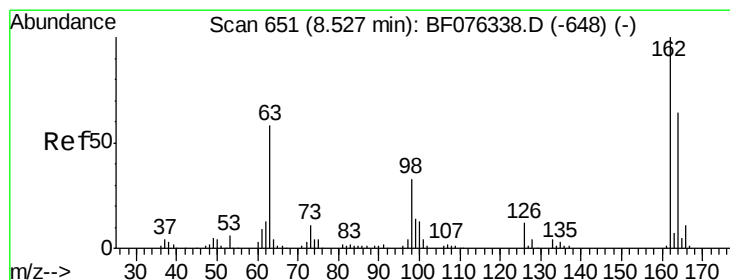
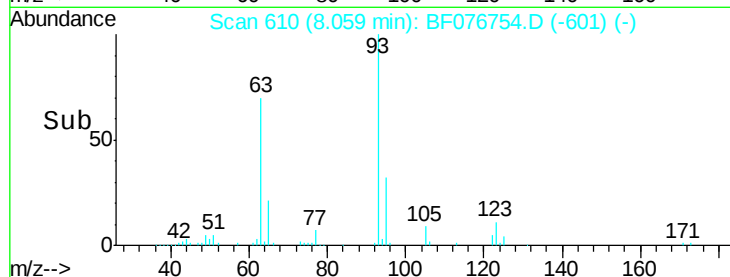
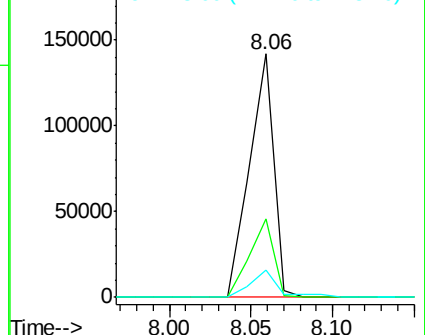
123 11.3 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 40.07 ng

RT: 8.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

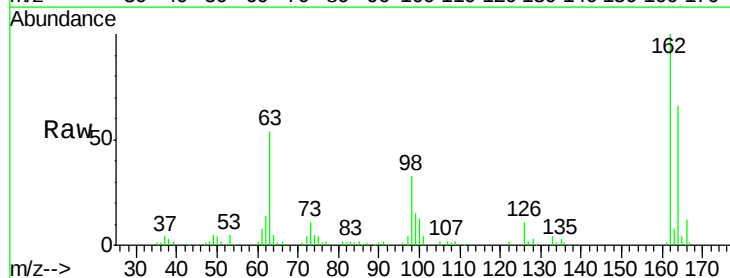
Tgt Ion:162 Resp: 99466

Ion Ratio Lower Upper

162 100

164 65.5 44.0 84.0

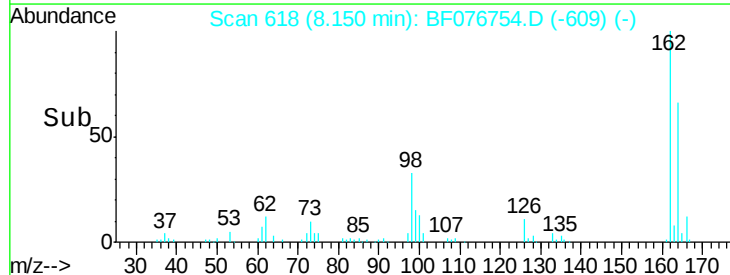
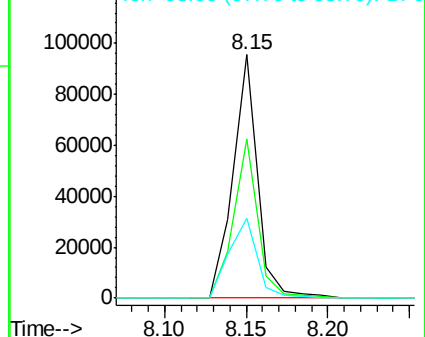
98 32.7 13.4 53.4

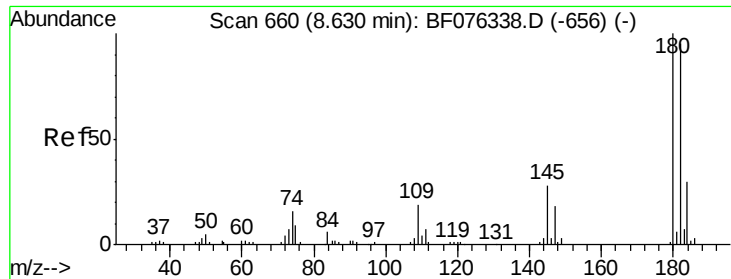


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

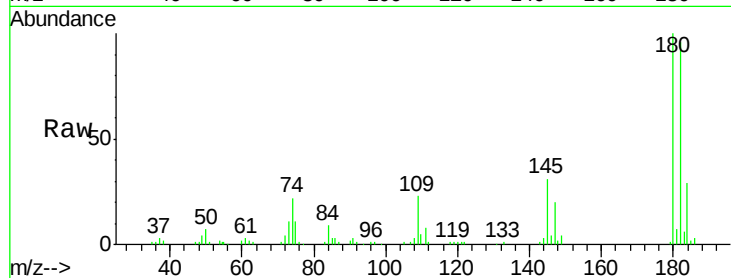




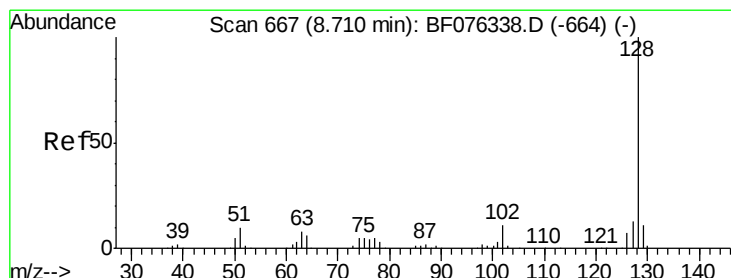
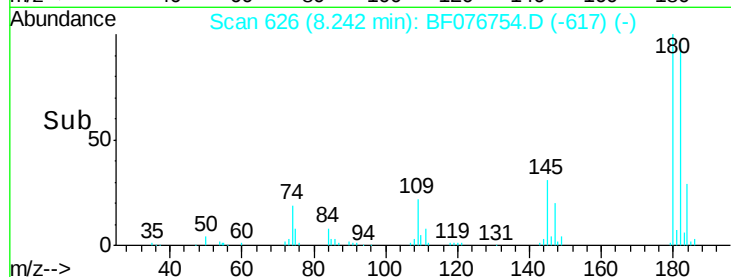
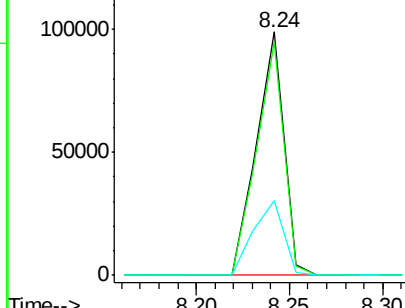
#30
1,2,4-Trichlorobenzene
Concen: 37.61 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:180 Resp: 100661
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.6
145 30.9 22.4 33.6

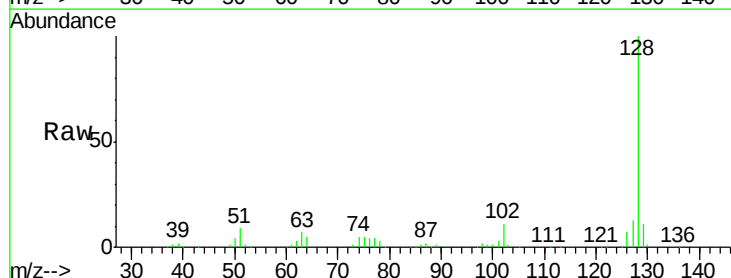


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

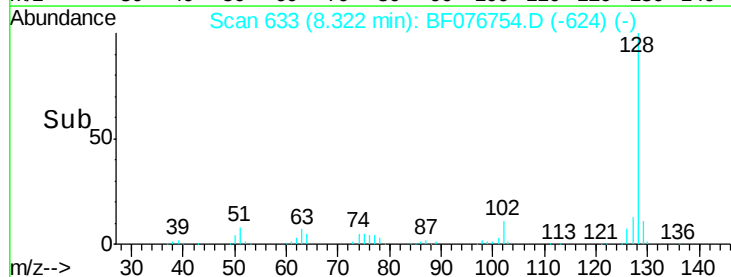
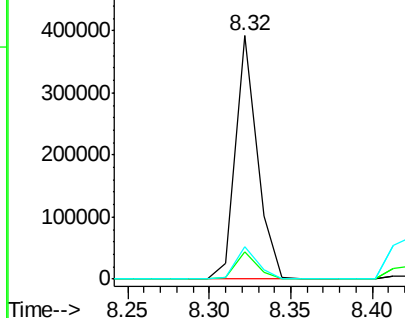


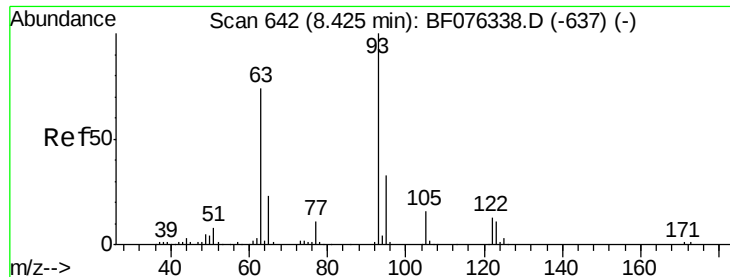
#31
Naphthalene
Concen: 39.47 ng
RT: 8.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:128 Resp: 358310
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.5 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: 41.14 ng

RT: 8.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

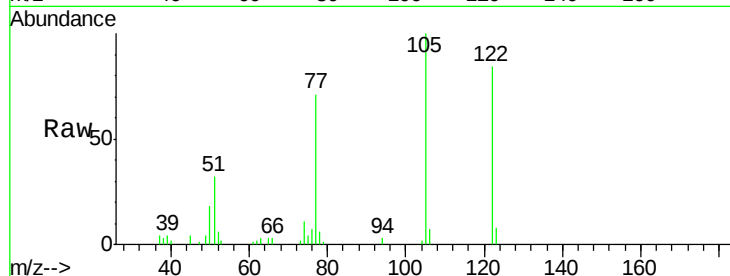
Tot Ion:122 Resp: 61344

Ion Ratio Lower Upper

122 100

105 118.9 110.2 150.2

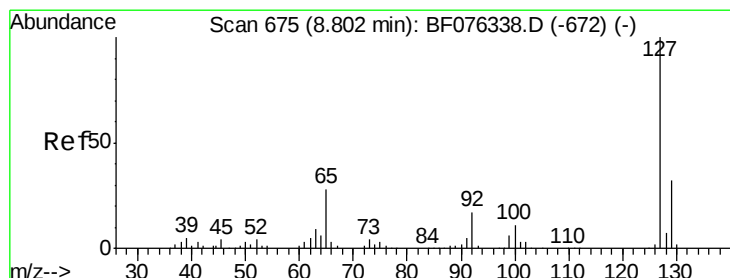
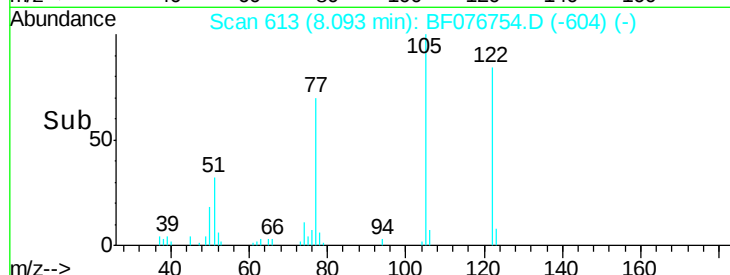
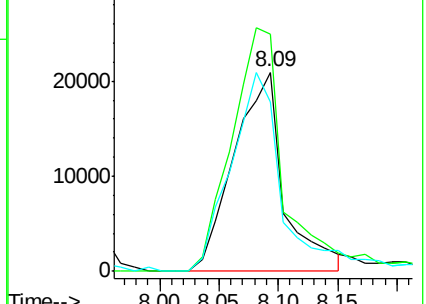
77 84.9 70.7 110.7



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: 25.42 ng

RT: 8.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Tgt Ion:127 Resp: 94195

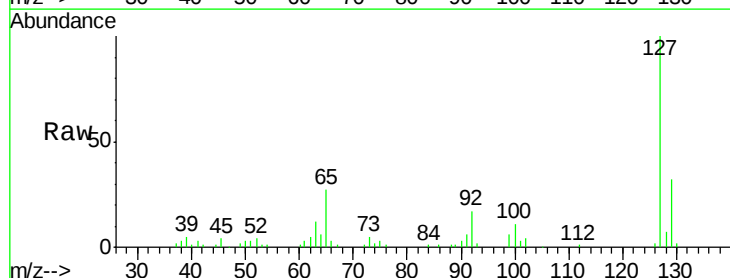
Ion Ratio Lower Upper

127 100

129 31.8 25.6 38.4

65 26.8 22.1 33.1

92 16.6 13.6 20.4

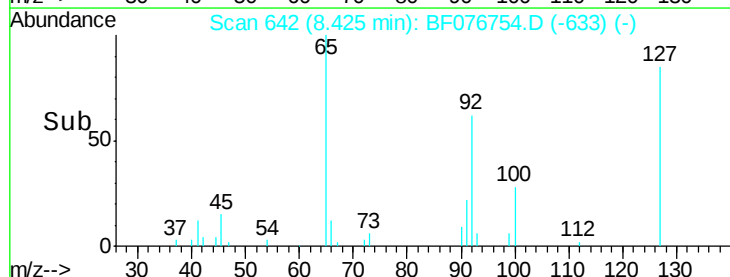
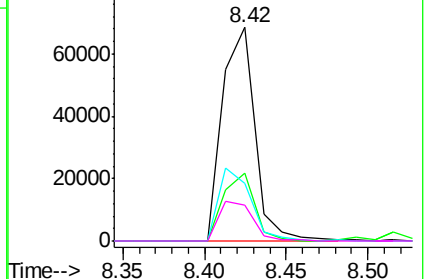


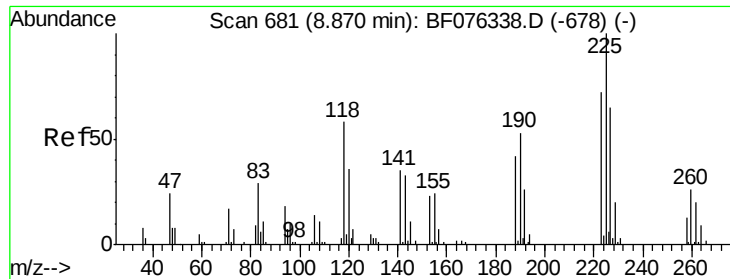
Abundance Ion 127.00 (126.70 to 127.70): E

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

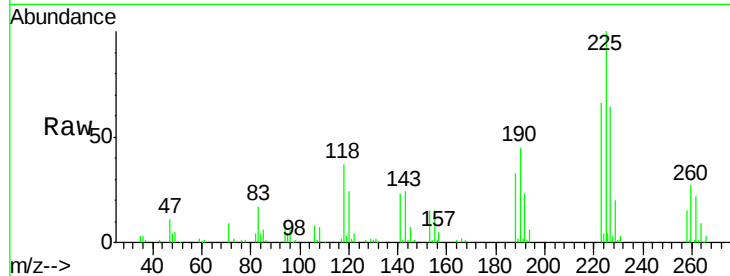




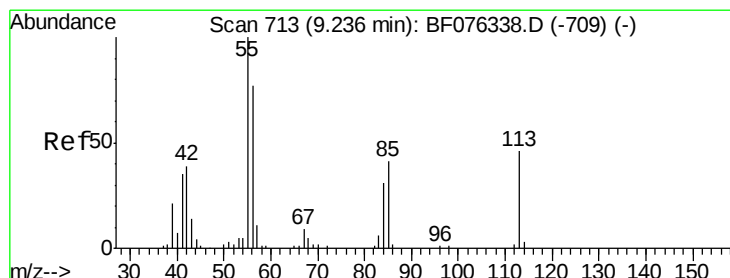
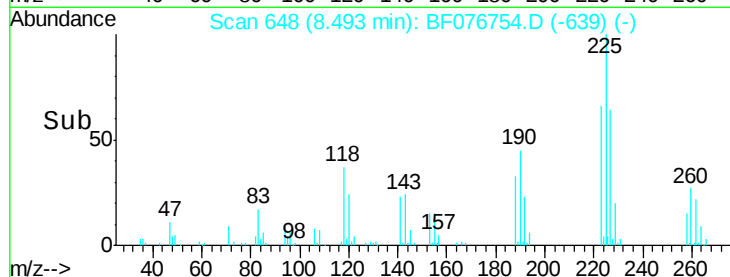
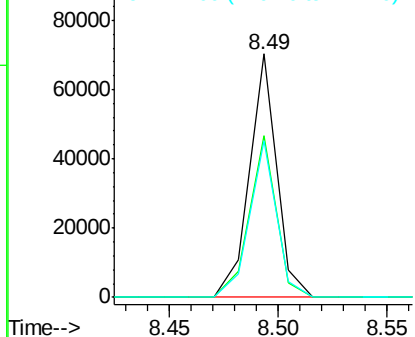
#34
Hexachlorobutadiene
Concen: 39.20 ng
RT: 8.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:225 Resp: 60994
Ion Ratio Lower Upper
225 100
223 66.2 57.3 85.9
227 64.2 52.3 78.5

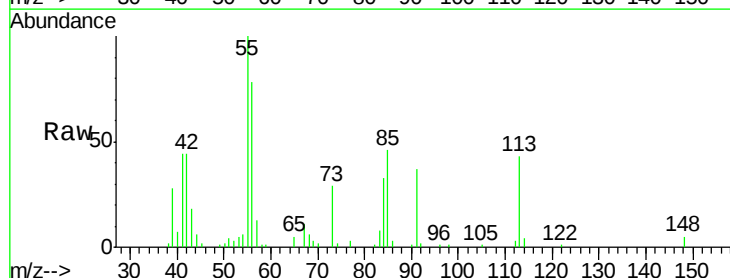


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

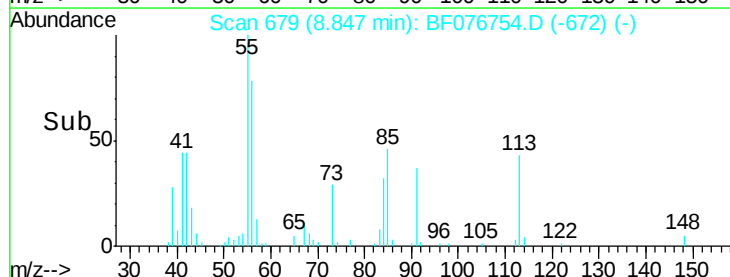
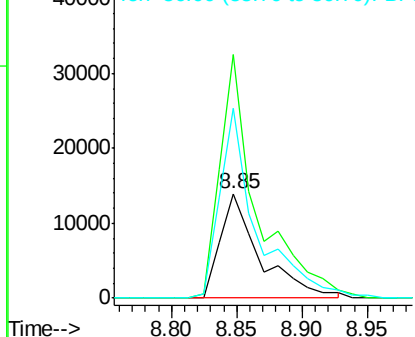


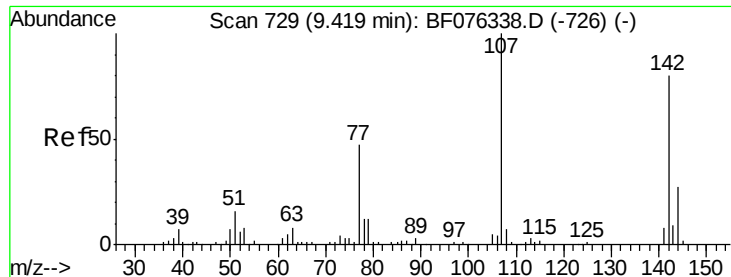
#35
Caprolactam
Concen: 41.24 ng
RT: 8.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:113 Resp: 29513
Ion Ratio Lower Upper
113 100
55 233.9 199.5 239.5
56 182.7 148.4 188.4



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

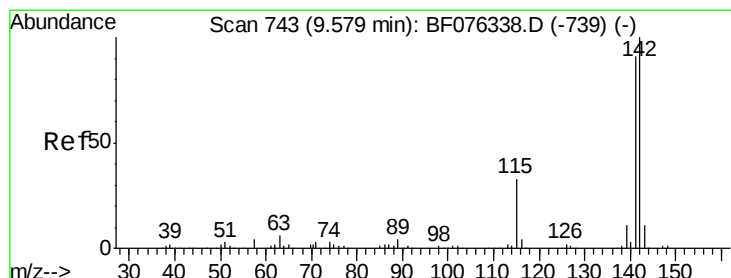
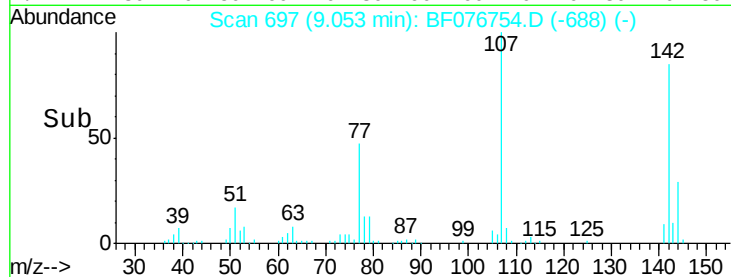
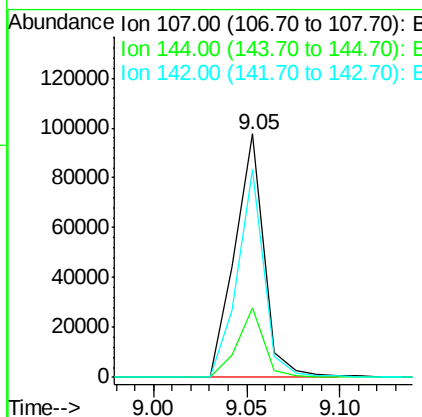
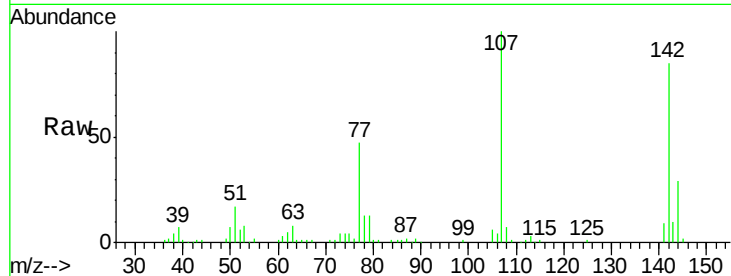




#36
 4-Chloro-3-methylphenol
 Concen: 38.86 ng
 RT: 9.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

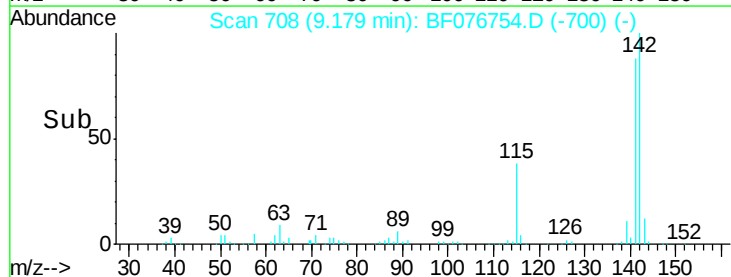
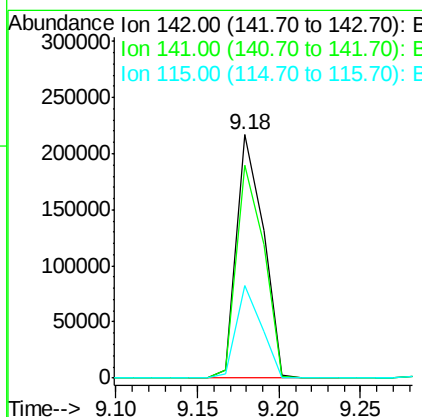
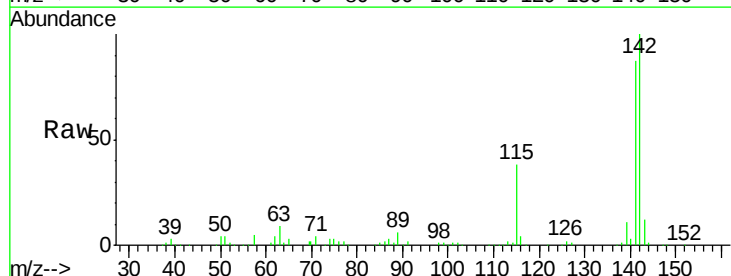
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

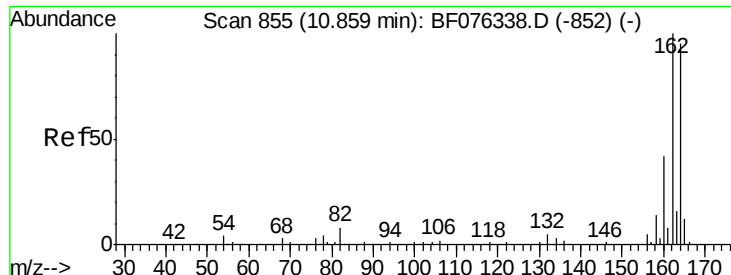
Tot Ion:107 Resp: 107344
 Ion Ratio Lower Upper
 107 100
 144 28.6 21.8 32.6
 142 85.4 64.4 96.6



#37
 2-Methylnaphthalene
 Concen: 38.88 ng
 RT: 9.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion:142 Resp: 246283
 Ion Ratio Lower Upper
 142 100
 141 87.3 72.4 108.6
 115 37.8 26.5 39.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

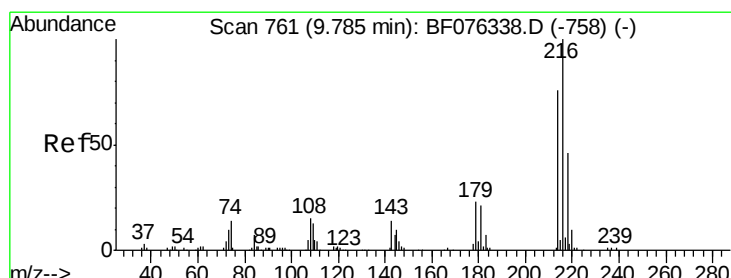
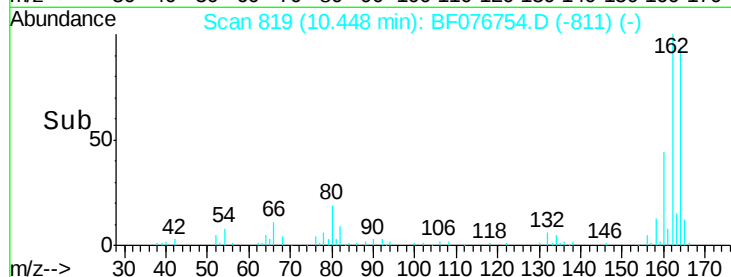
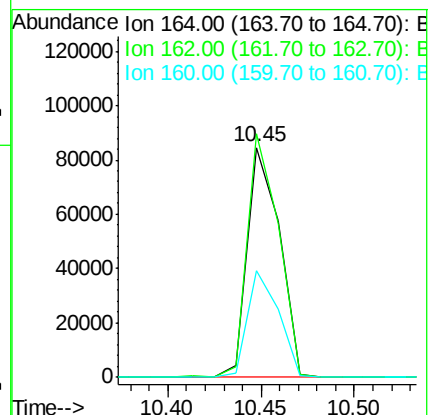
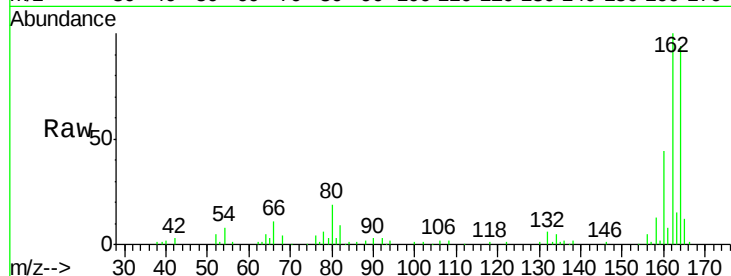
Tot Ion:164 Resp: 101419

Ion Ratio Lower Upper

164 100

162 106.0 84.2 126.2

160 46.5 35.5 53.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.06 ng

RT: 9.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Tgt Ion:216 Resp: 99935

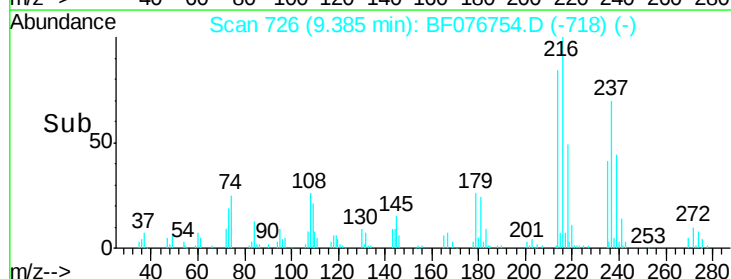
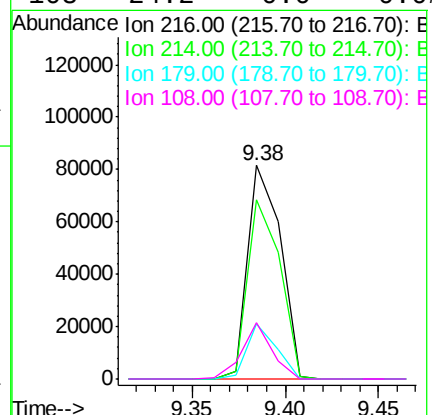
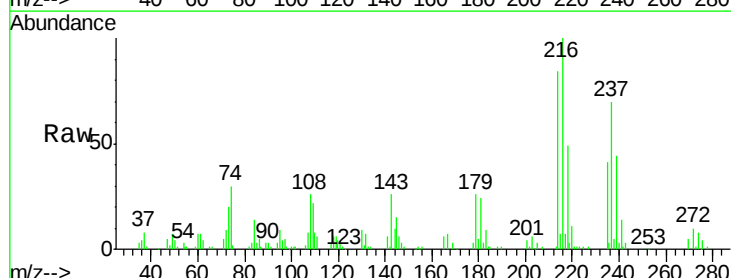
Ion Ratio Lower Upper

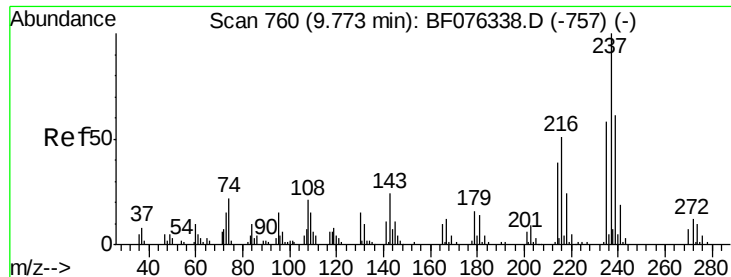
216 100

214 82.9 48.7 73.1#

179 23.1 14.5 21.7#

108 24.2 0.0 0.0#

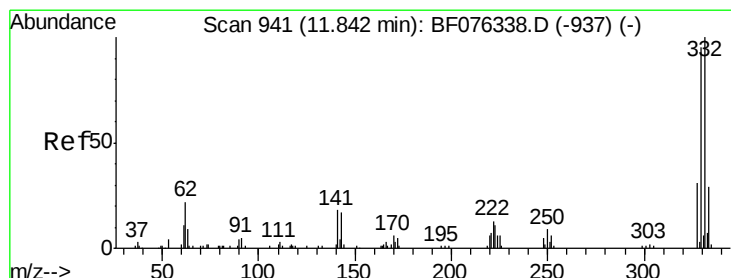
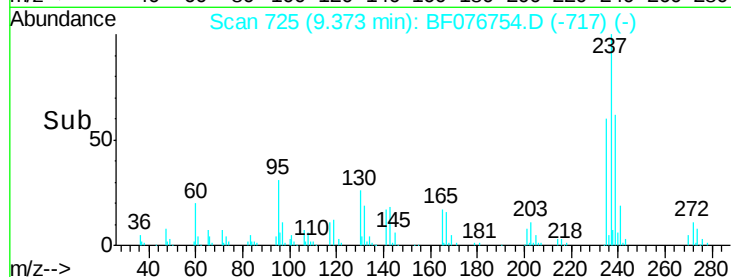
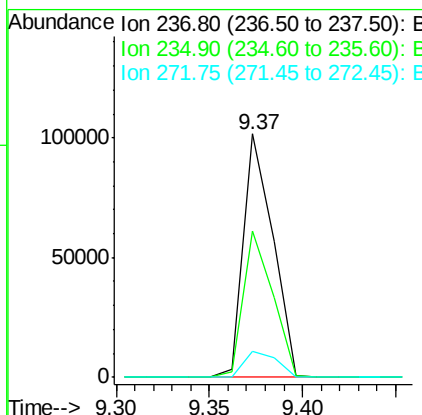
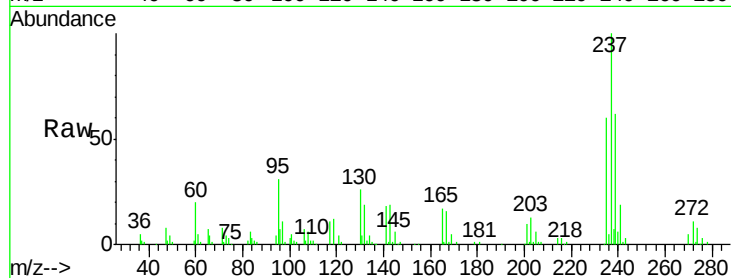




#40
Hexachlorocyclopentadiene
Concen: 77.35 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

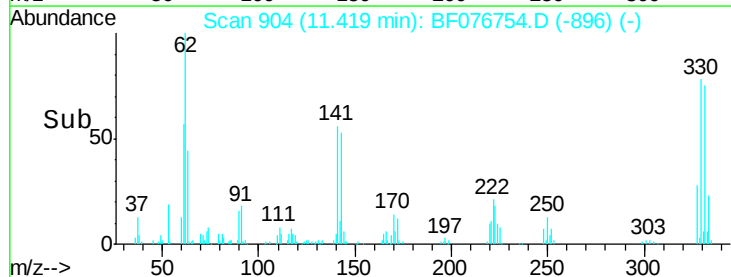
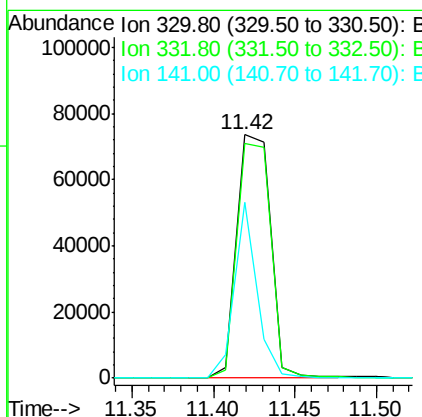
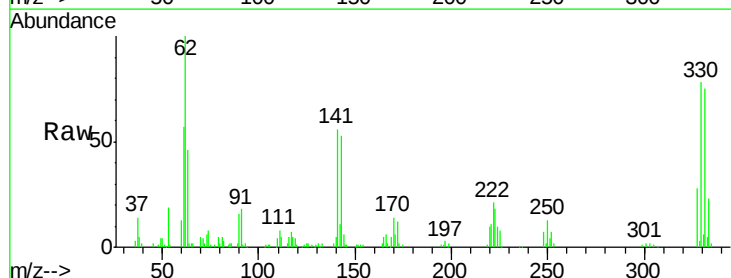
Instrument :
BNA_F
ClientSampleId :
PB81192BS

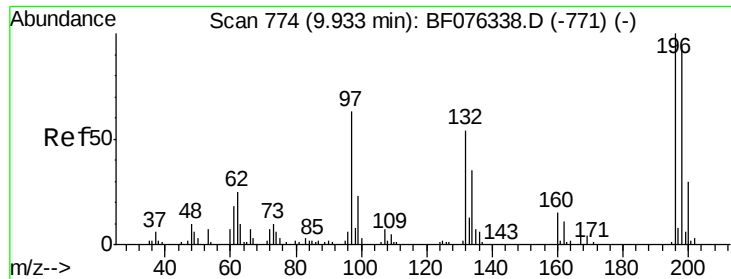
Tot Ion:237 Resp: 111368
Ion Ratio Lower Upper
237 100
235 60.2 38.5 78.5
272 10.5 0.0 32.2



#41
2,4,6-Tribromophenol
Concen: 122.63 ng
RT: 11.42 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:330 Resp: 105116
Ion Ratio Lower Upper
330 100
332 96.9 0.0 0.0#
141 48.0 0.0 0.0#

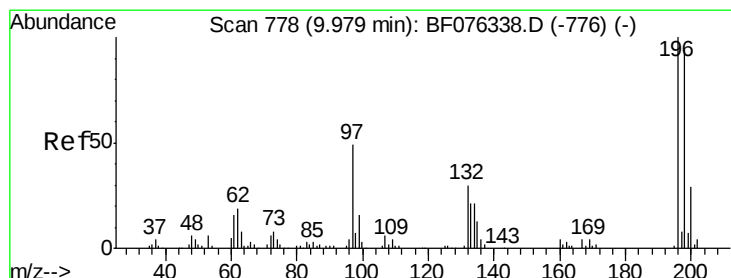
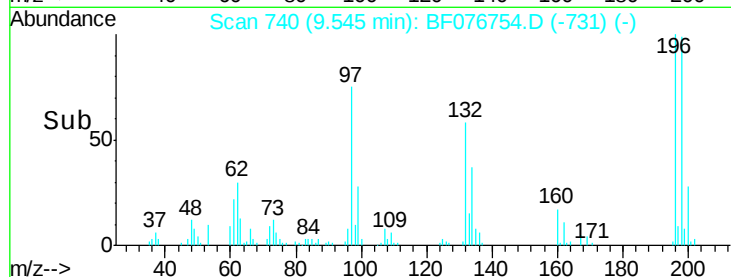
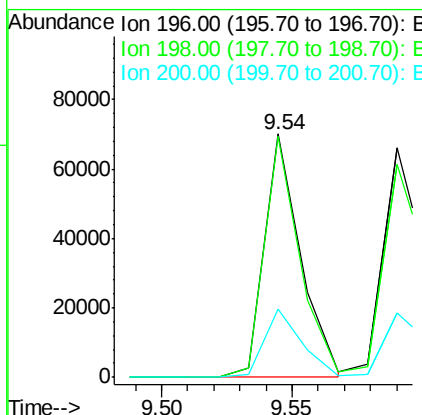
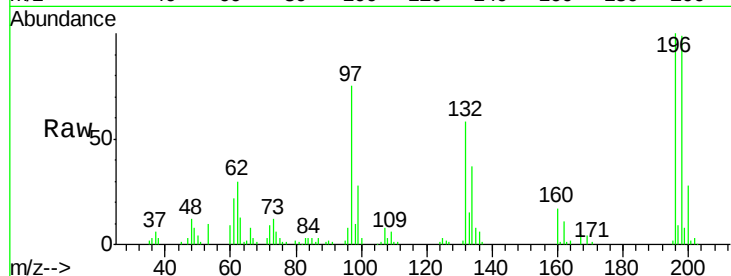




#42
 2,4,6-Trichlorophenol
 Concen: 37.42 ng
 RT: 9.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

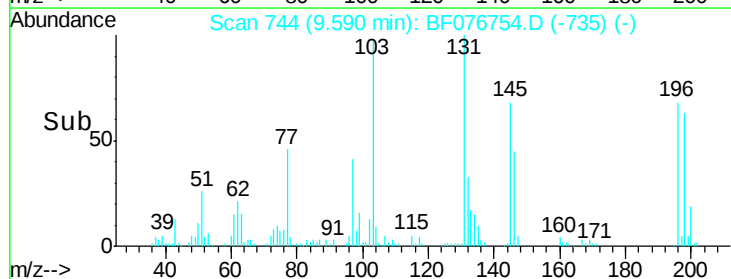
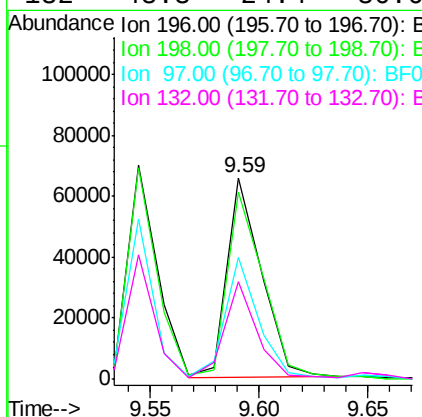
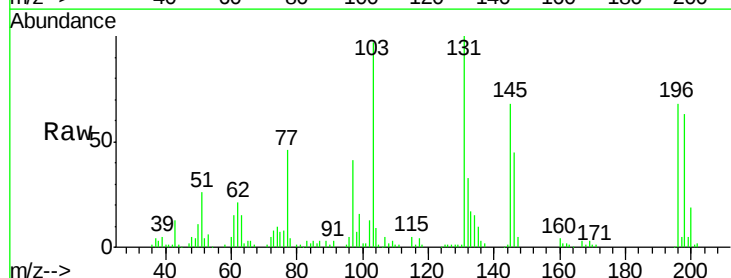
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

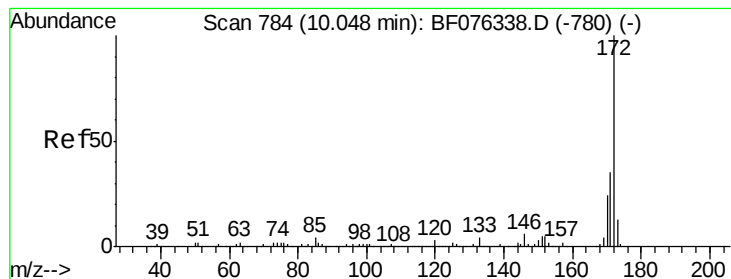
Tot Ion:196 Resp: 67728
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.6 113.4
 200 27.8 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 37.19 ng
 RT: 9.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion:196 Resp: 72430
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.2 112.8
 97 60.2 39.0 58.4#
 132 48.3 24.4 36.6#





#44

2-Fluorobiphenyl

Concen: 76.36 ng

RT: 9.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

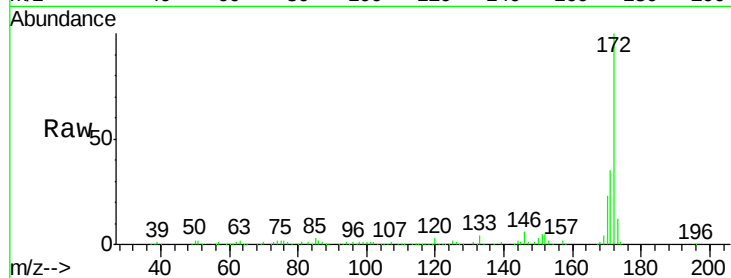
Tot Ion:172 Resp: 497650

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

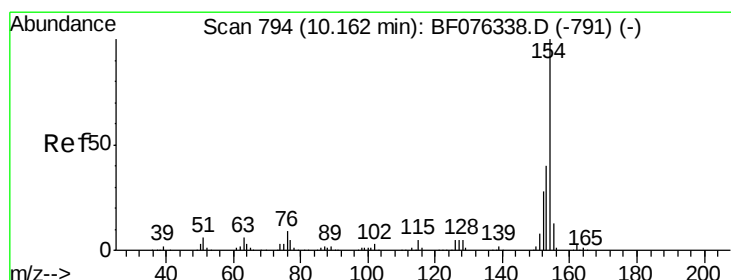
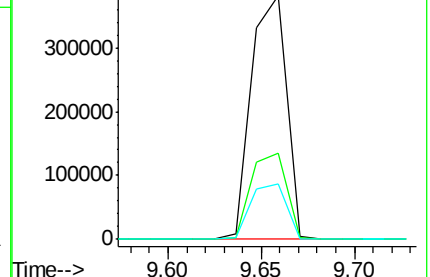
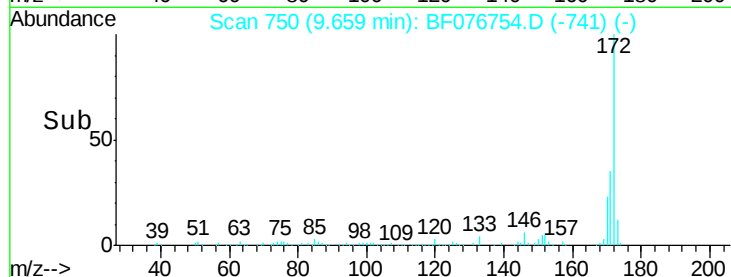
170 23.0 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.71 ng

RT: 9.77 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

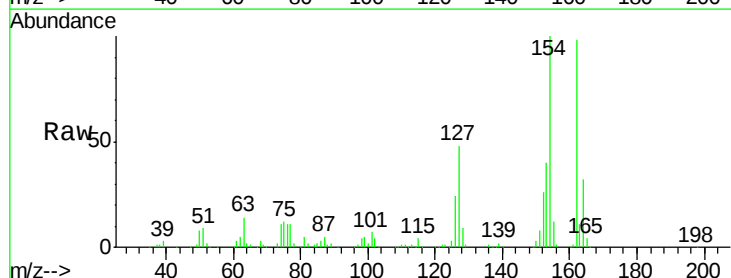
Tgt Ion:154 Resp: 306704

Ion Ratio Lower Upper

154 100

153 39.8 20.0 60.0

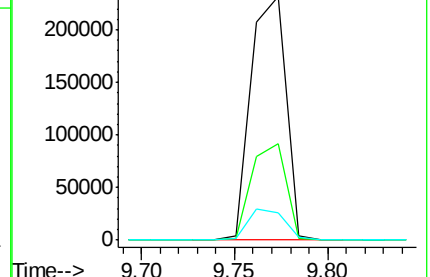
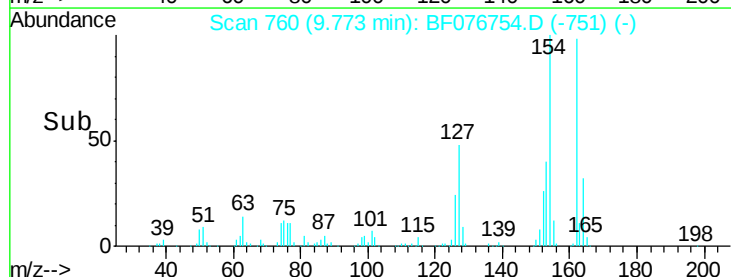
76 11.0 0.0 29.4

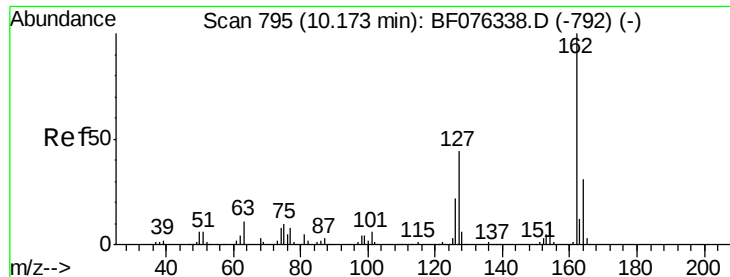


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

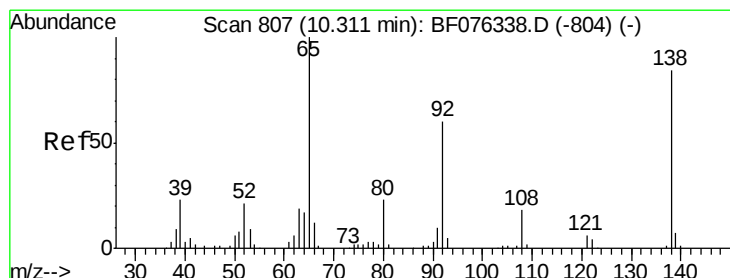
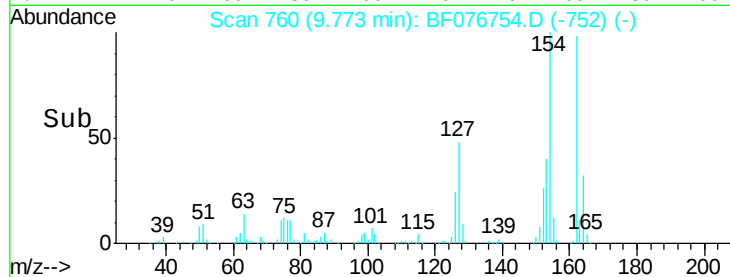
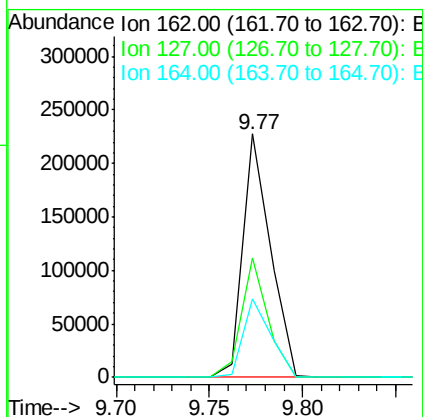
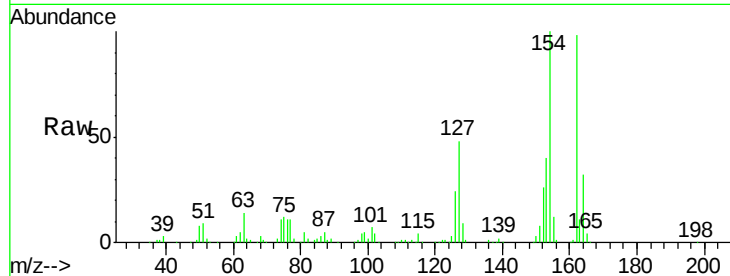




#46
 2-Chloronaphthalene
 Concen: 39.22 ng
 RT: 9.77 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

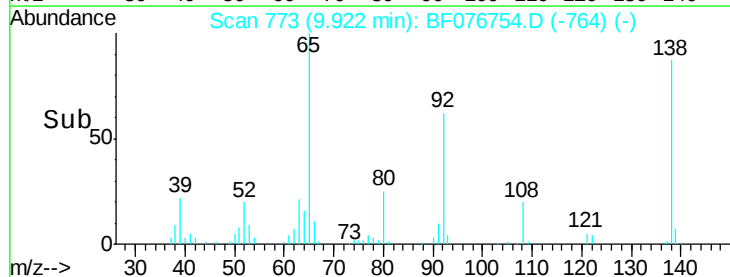
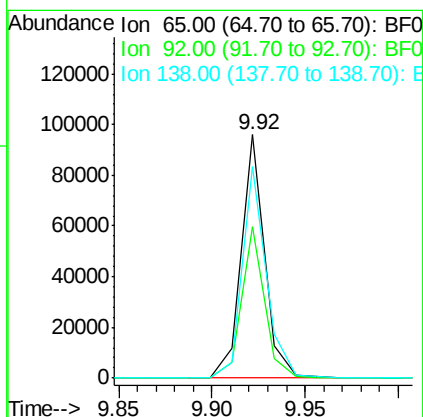
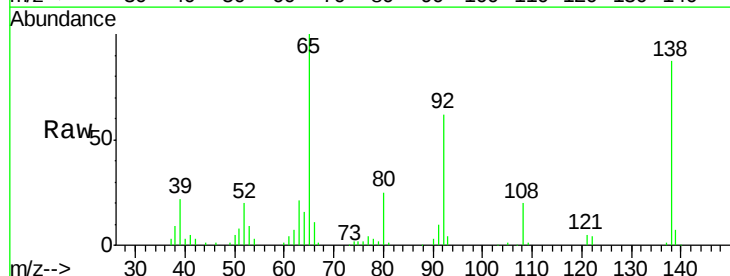
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

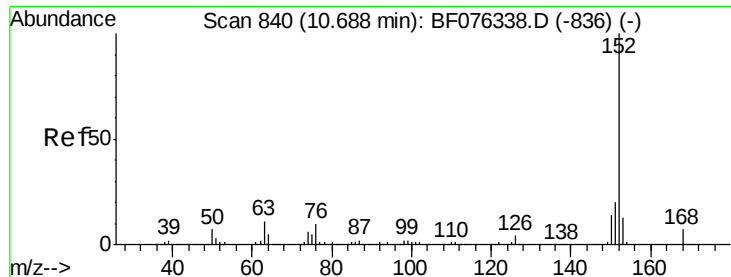
Tot Ion:162 Resp: 234361
 Ion Ratio Lower Upper
 162 100
 127 48.9 35.2 52.8
 164 32.2 24.6 36.8



#47
 2-Nitroaniline
 Concen: 46.05 ng
 RT: 9.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion: 65 Resp: 83712
 Ion Ratio Lower Upper
 65 100
 92 62.1 48.0 72.0
 138 87.0 67.0 100.6





#48

Acenaphthylene

Concen: 39.84 ng

RT: 10.28 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

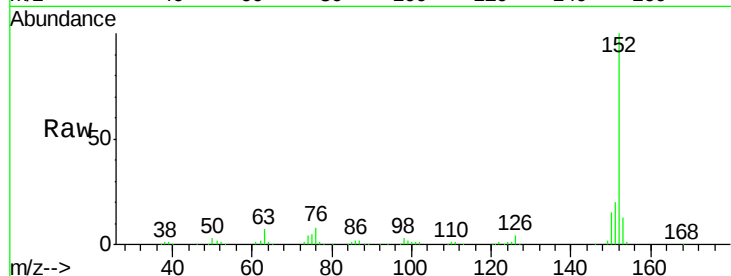
Tot Ion:152 Resp: 404919

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

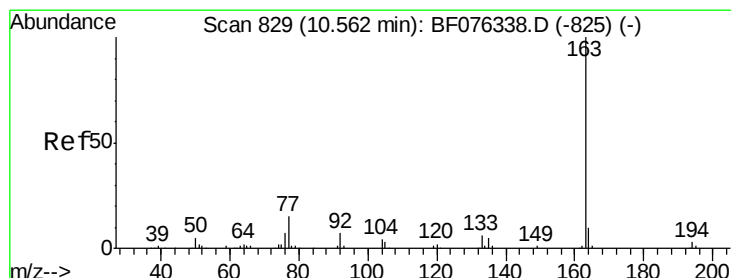
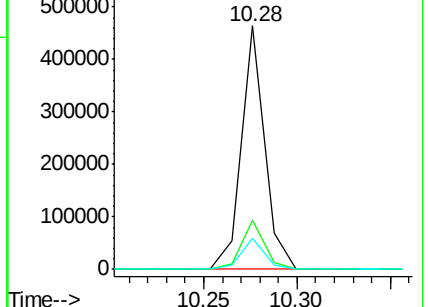
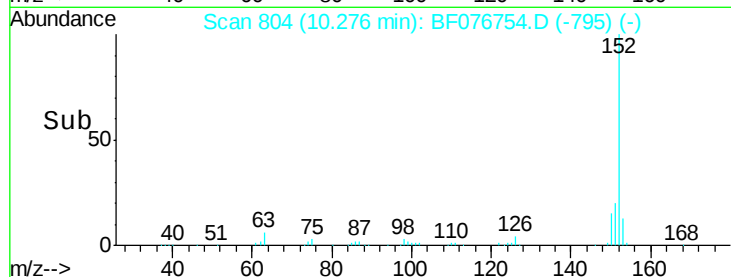
153 12.8 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.64 ng

RT: 10.17 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

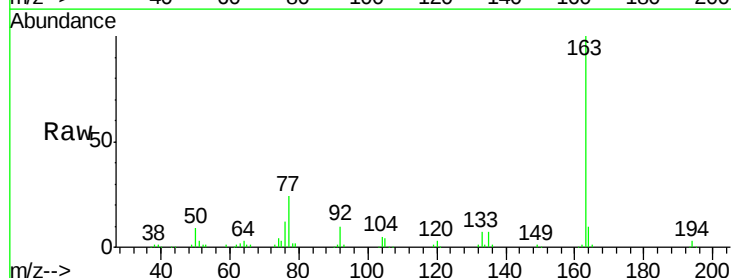
Tgt Ion:163 Resp: 291535

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

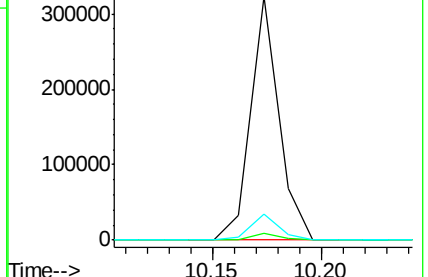
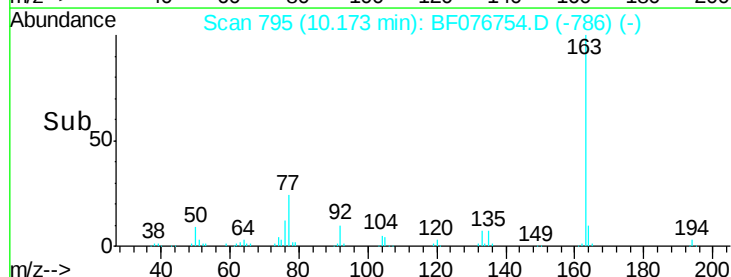
164 10.5 7.7 11.5

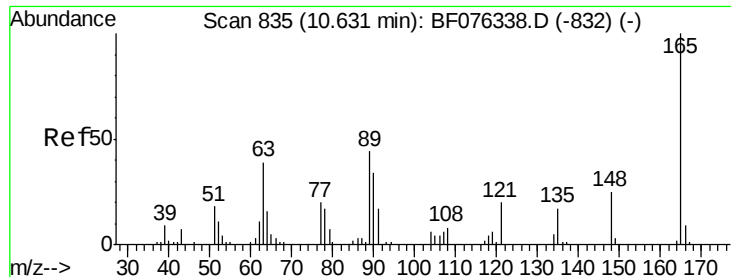


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

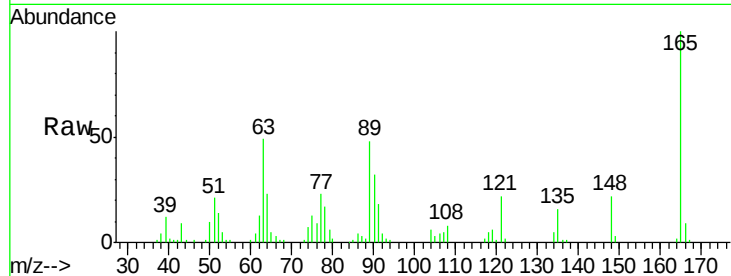




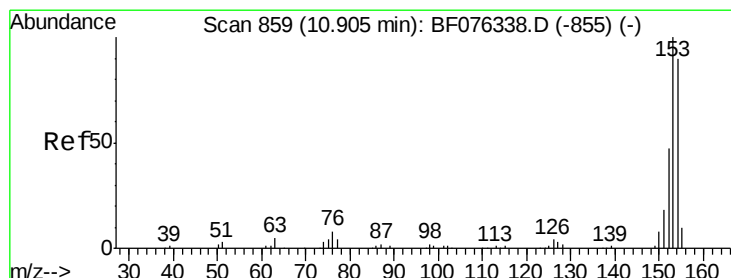
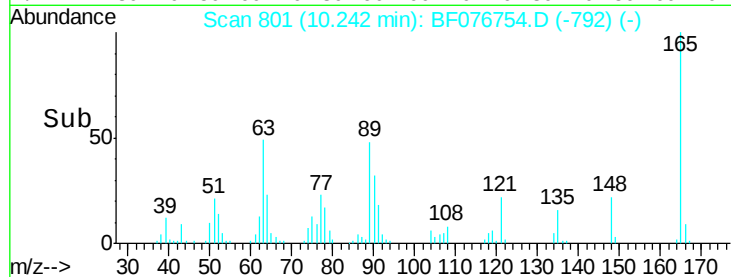
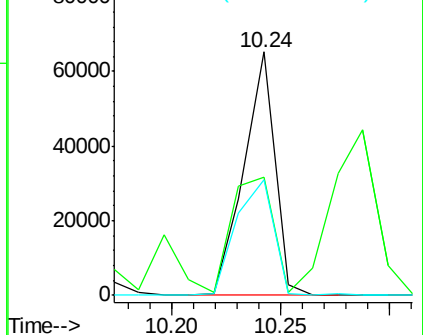
#50
2,6-Dinitrotoluene
Concen: 44.15 ng
RT: 10.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:165 Resp: 64902
Ion Ratio Lower Upper
165 100
63 48.5 35.0 52.6
89 47.6 35.4 53.2

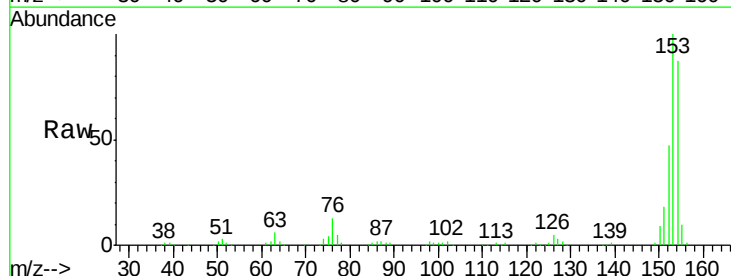


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

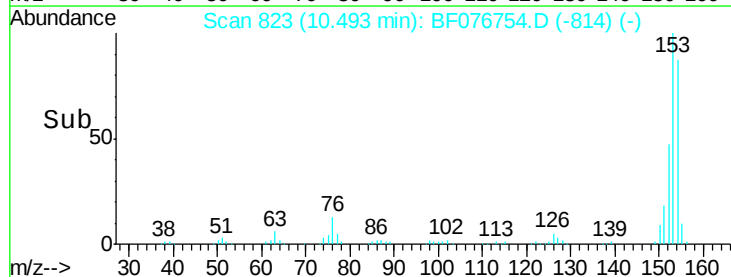
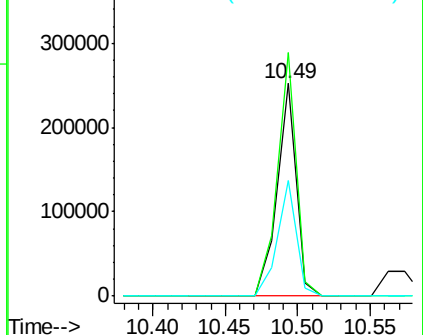


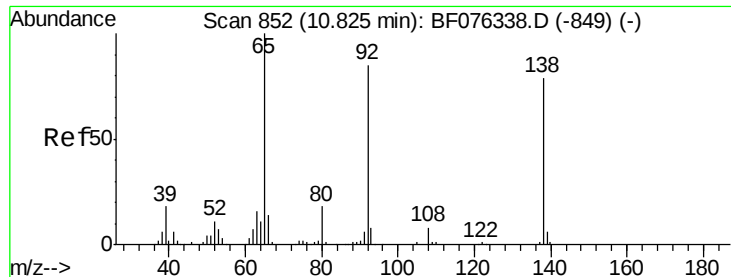
#51
Acenaphthene
Concen: 39.82 ng
RT: 10.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:154 Resp: 228961
Ion Ratio Lower Upper
154 100
153 114.6 89.4 134.0
152 54.4 42.1 63.1



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

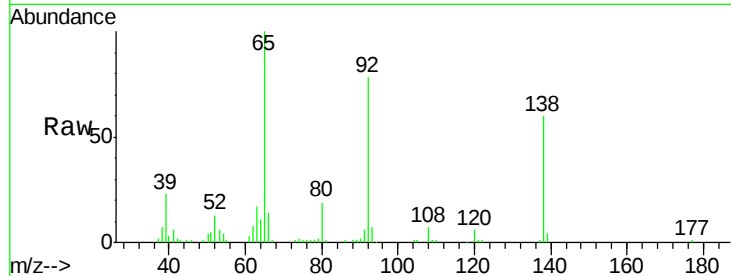




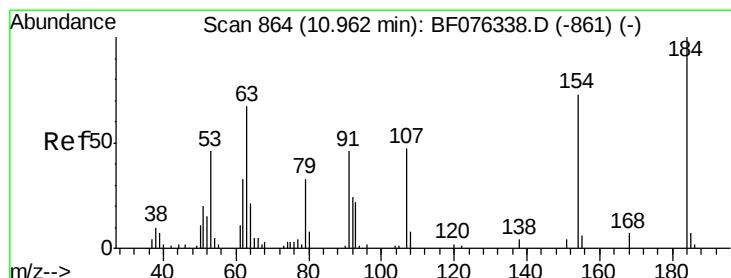
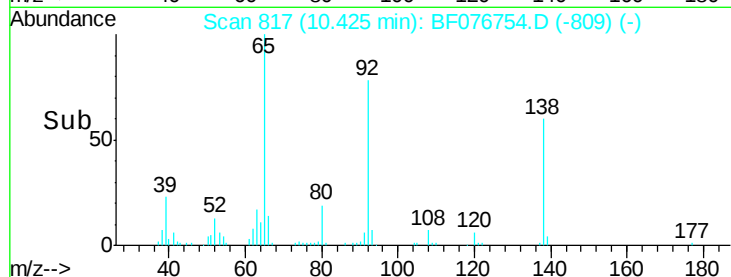
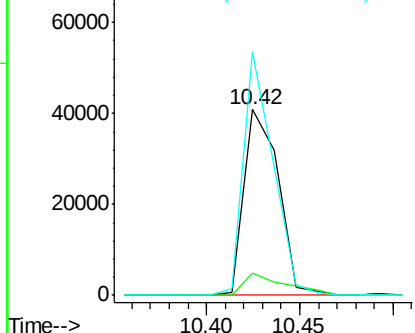
#52
3-Nitroaniline
Concen: 31.14 ng
RT: 10.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:138 Resp: 51979
Ion Ratio Lower Upper
138 100
108 11.6 8.5 12.7
92 131.2 85.6 128.4#

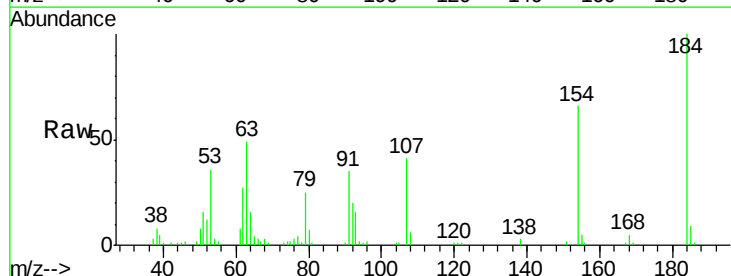


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

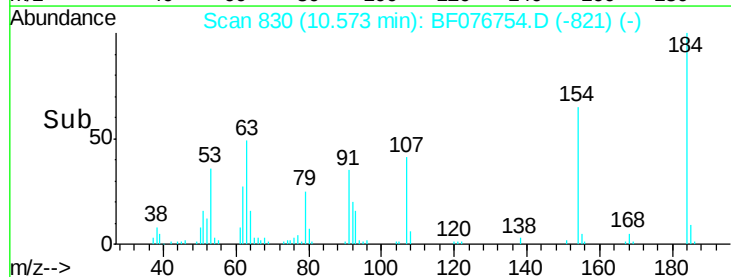
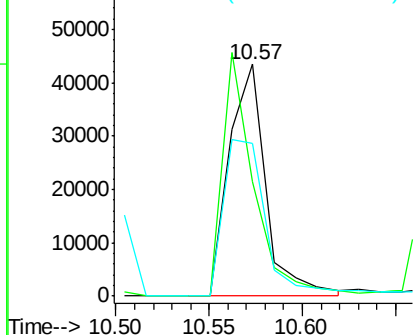


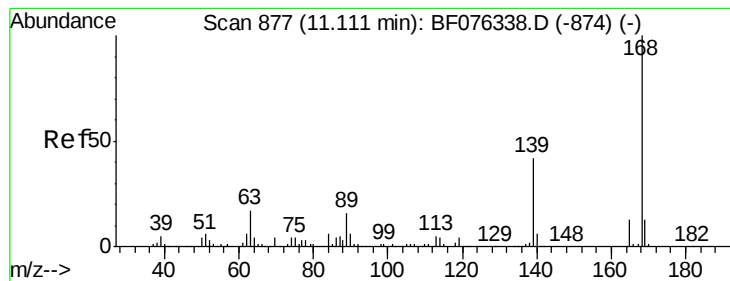
#53
2,4-Dinitrophenol
Concen: 73.28 ng
RT: 10.57 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:184 Resp: 59819
Ion Ratio Lower Upper
184 100
63 49.3 53.4 80.0#
154 66.1 58.5 87.7



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





#54

Dibenzofuran

Concen: 40.18 ng

RT: 10.71 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

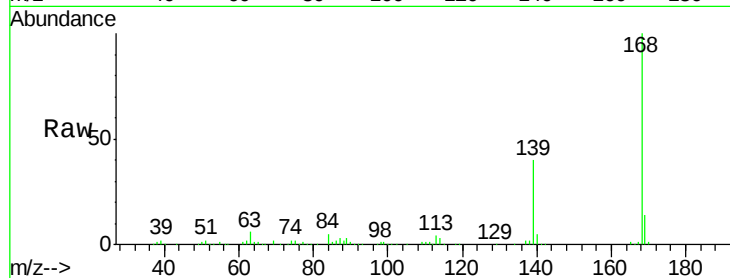
Tot Ion:168 Resp: 334225

Ion Ratio Lower Upper

168 100

139 40.3 34.2 51.4

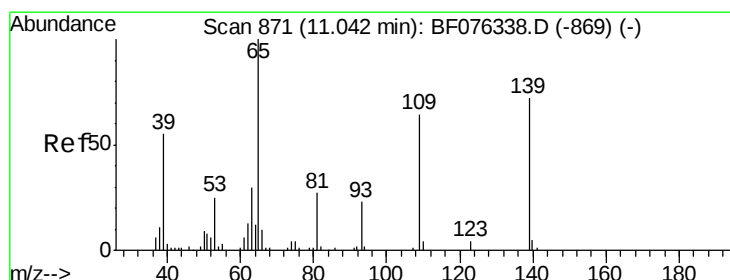
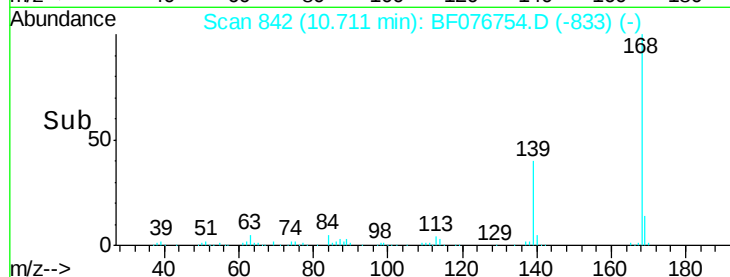
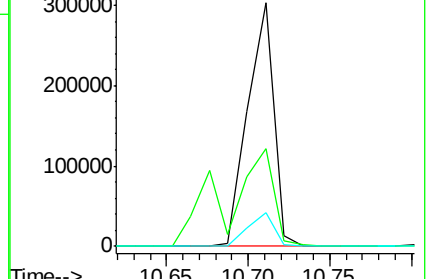
169 13.9 10.6 16.0



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: 78.47 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

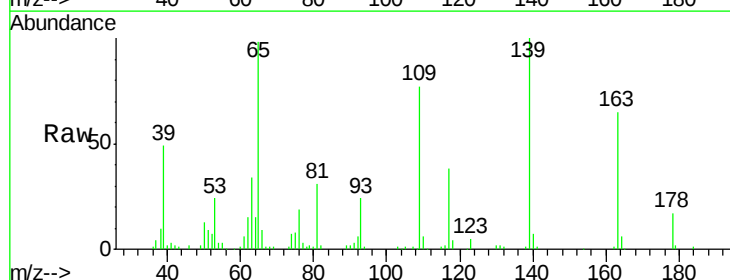
Tgt Ion:139 Resp: 100413

Ion Ratio Lower Upper

139 100

109 77.4 69.1 109.1

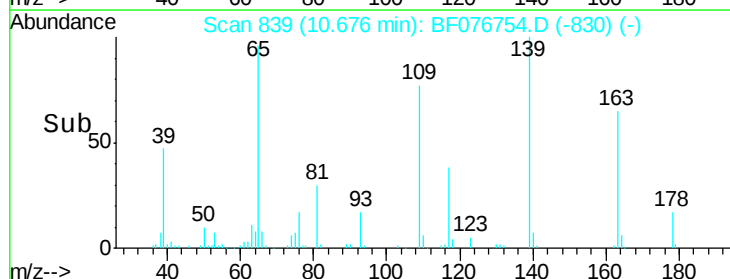
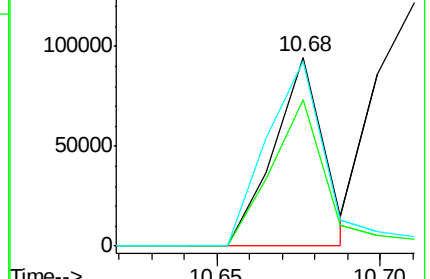
65 98.2 119.8 159.8#

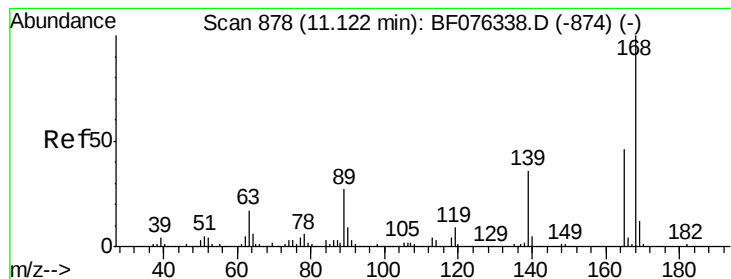


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

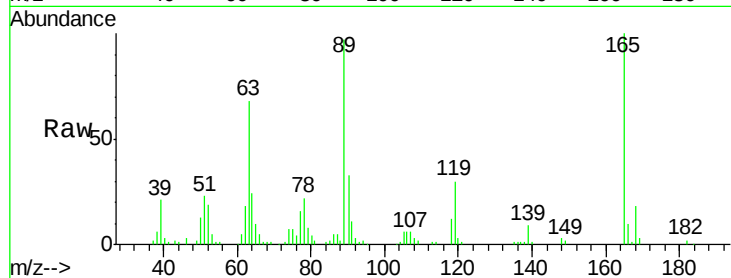




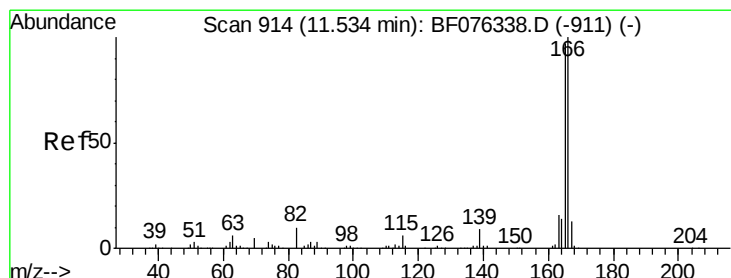
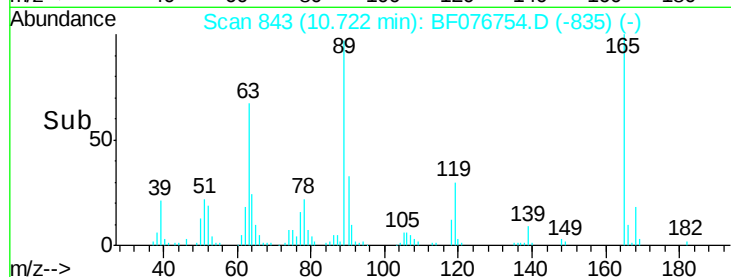
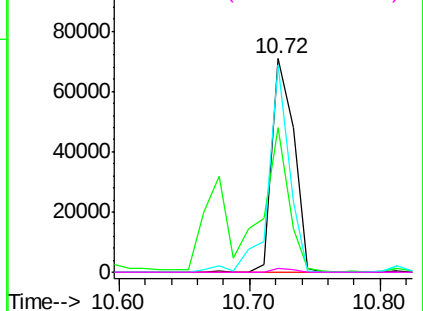
#56
 2,4-Dinitrotoluene
 Concen: 43.11 ng
 RT: 10.72 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

Tot Ion:165 Resp: 84447
 Ion Ratio Lower Upper
 165 100
 63 67.9 30.2 45.2#
 89 96.9 46.8 70.2#
 182 2.0 1.8 2.6

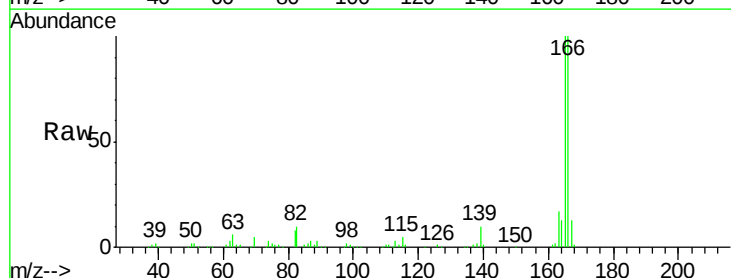


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

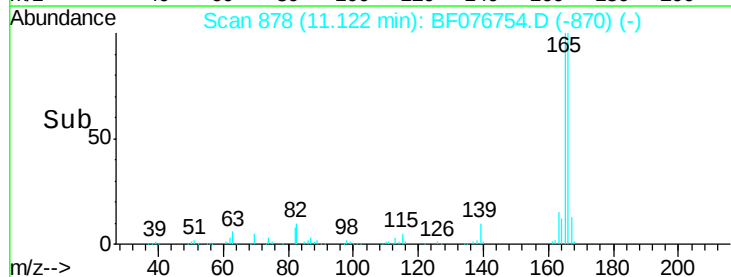
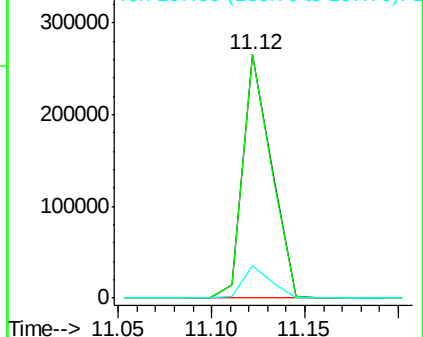


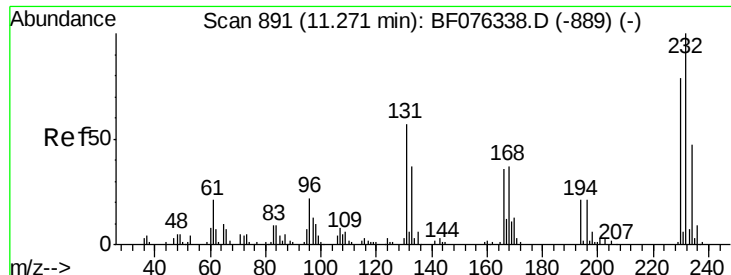
#57
 Fluorene
 Concen: 40.27 ng
 RT: 11.12 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion:166 Resp: 281381
 Ion Ratio Lower Upper
 166 100
 165 100.1 77.9 116.9
 167 13.1 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

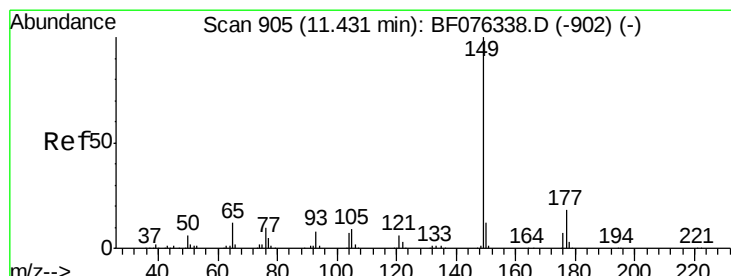
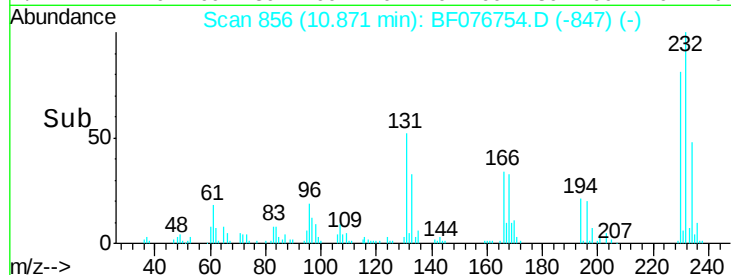
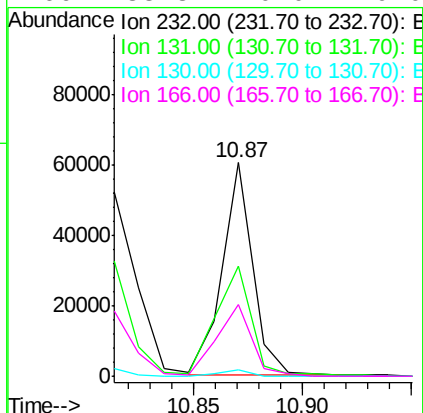
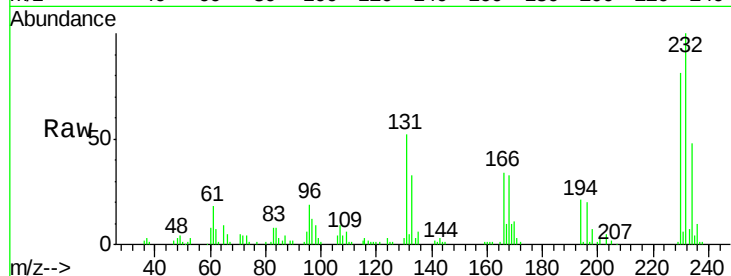




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.71 ng
 RT: 10.87 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

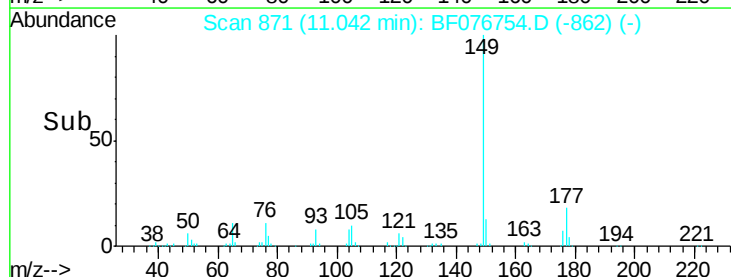
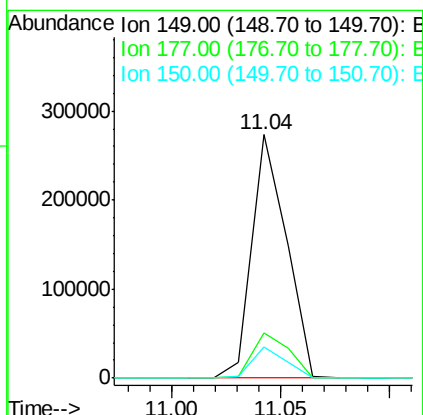
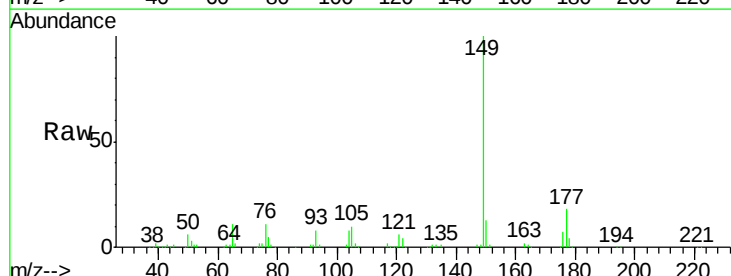
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

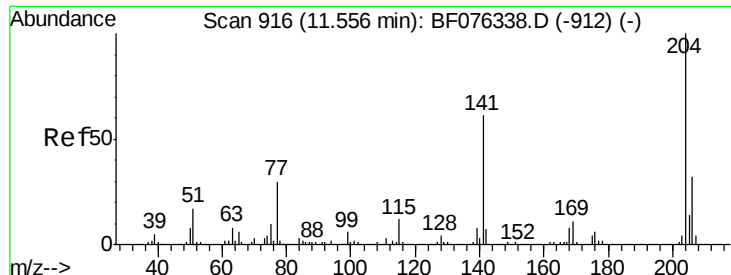
Tot Ion:232 Resp: 58955
 Ion Ratio Lower Upper
 232 100
 131 59.2 0.0 0.0#
 130 3.1 0.0 0.0#
 166 38.3 0.0 0.0#



#59
 Diethylphthalate
 Concen: 41.36 ng
 RT: 11.04 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion:149 Resp: 303059
 Ion Ratio Lower Upper
 149 100
 177 18.3 14.7 22.1
 150 12.7 9.8 14.6

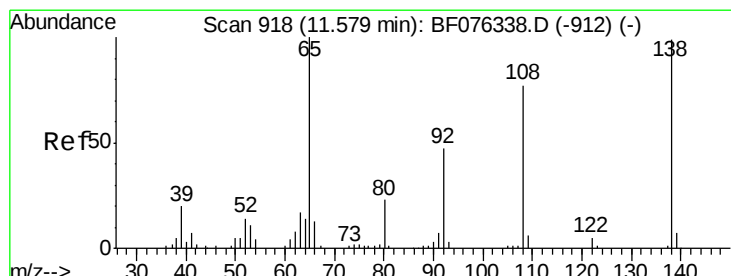
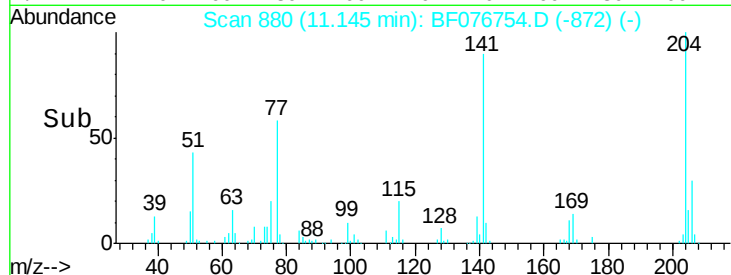
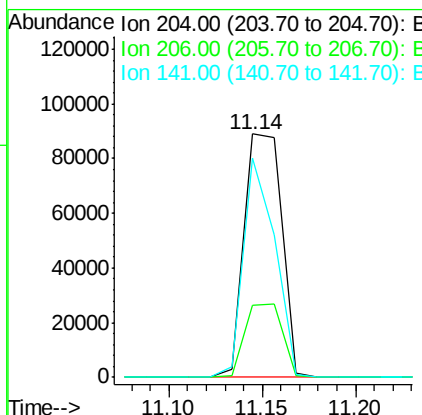
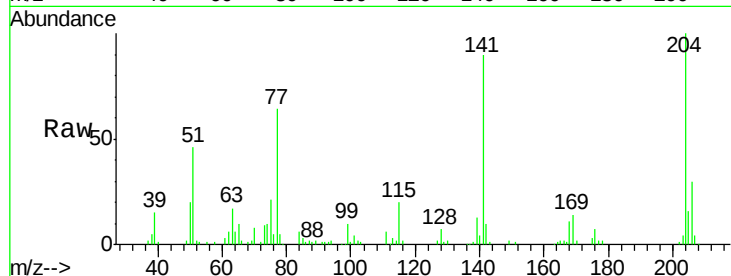




#60
 4-Chlorophenyl-phenylether
 Concen: 41.14 ng
 RT: 11.14 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

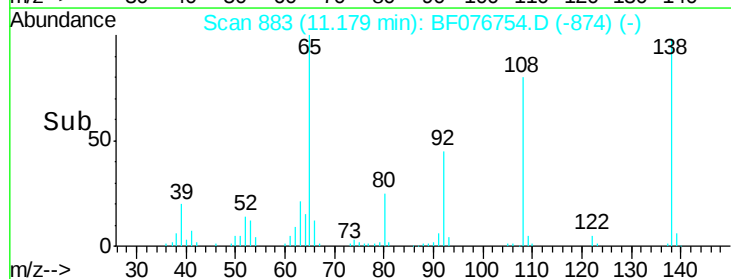
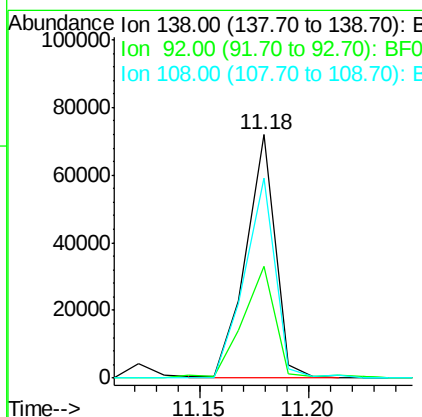
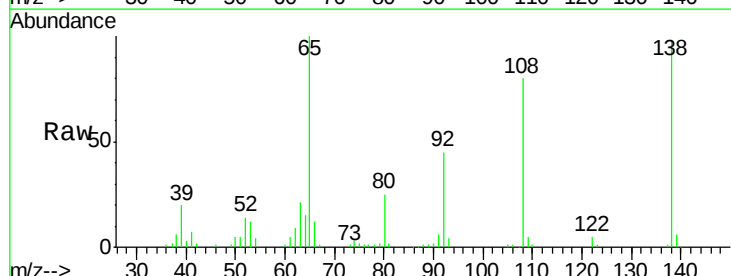
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

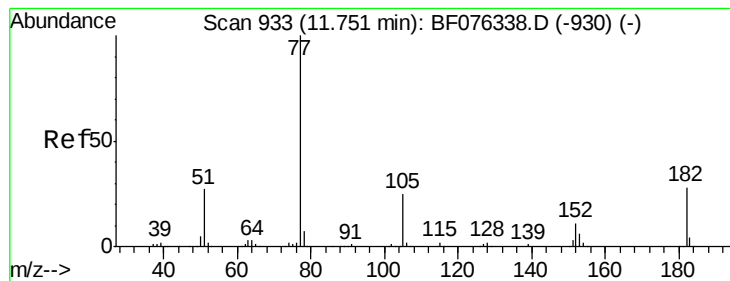
Tot Ion:204 Resp: 124382
 Ion Ratio Lower Upper
 204 100
 206 29.8 25.6 38.4
 141 90.0 48.5 72.7#



#61
 4-Nitroaniline
 Concen: 38.91 ng
 RT: 11.18 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion:138 Resp: 68259
 Ion Ratio Lower Upper
 138 100
 92 45.7 27.7 67.7
 108 81.9 57.5 97.5





#62

Azobenzene

Concen: 41.55 ng

RT: 11.34 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

Tot Ion: 77 Resp: 300055

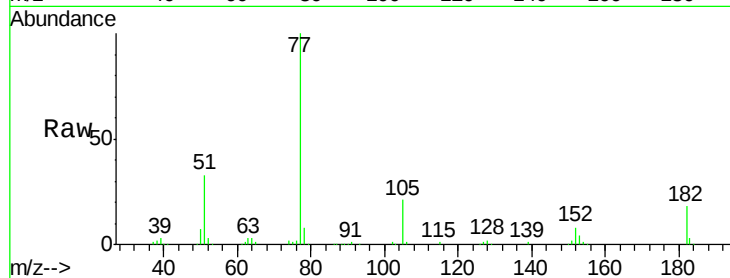
Ion Ratio Lower Upper

77 100

182 17.9 8.3 48.3

105 21.3 4.6 44.6

51 33.0 7.6 47.6

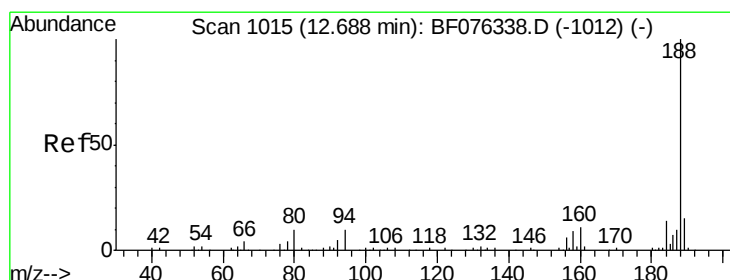
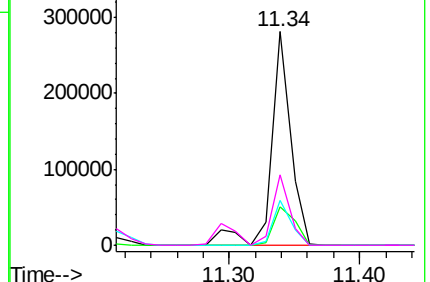
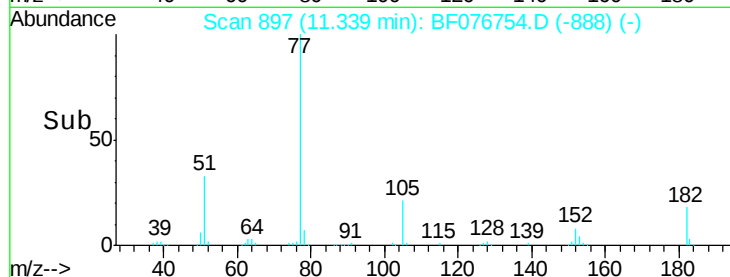


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.26 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

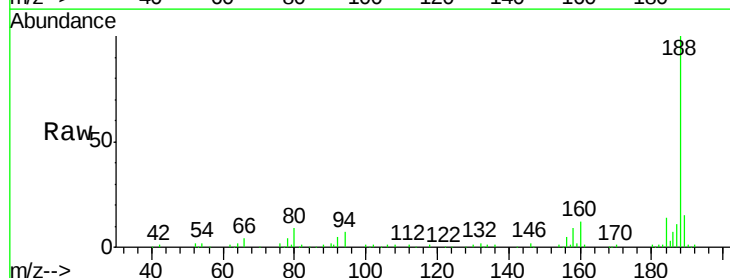
Tgt Ion: 188 Resp: 175053

Ion Ratio Lower Upper

188 100

94 7.5 7.9 11.9#

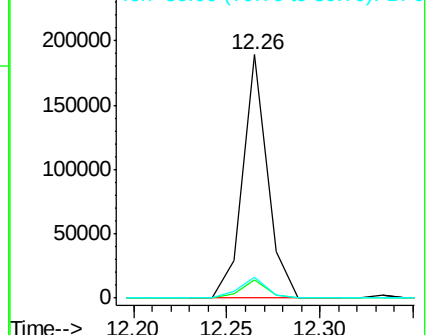
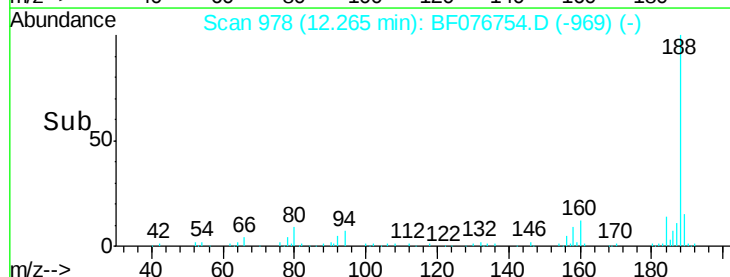
80 8.6 8.2 12.2

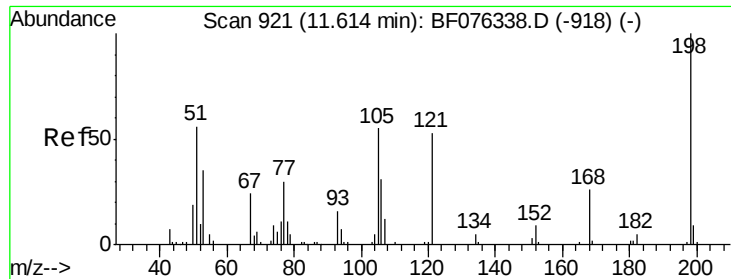


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 36.95 ng

RT: 11.22 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

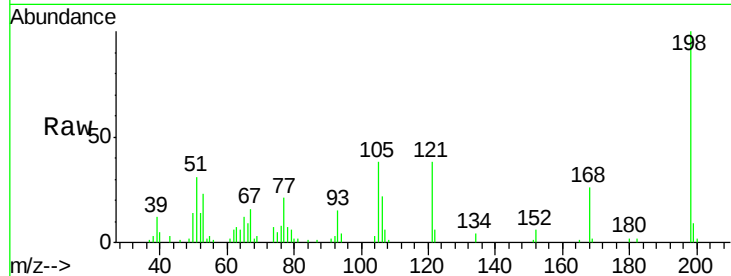
Tot Ion:198 Resp: 40461

Ion Ratio Lower Upper

198 100

51 31.3 45.3 85.3#

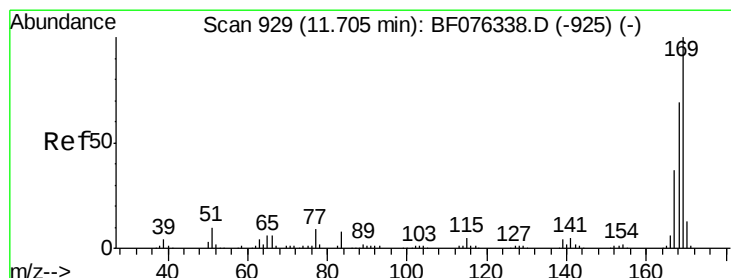
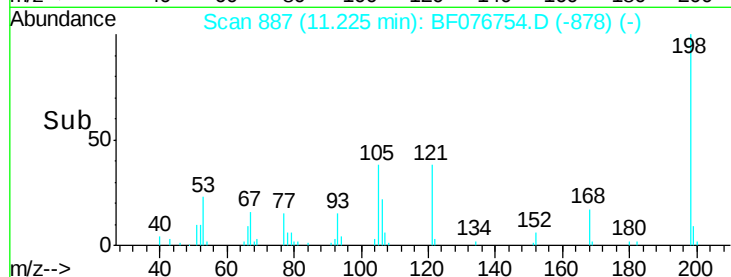
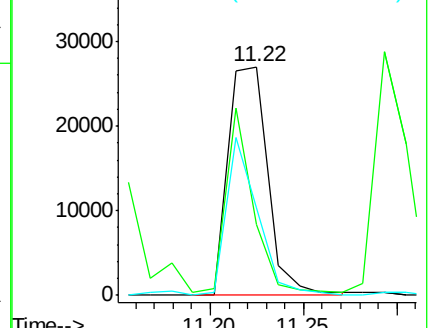
105 38.1 36.3 76.3



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: 39.47 ng

RT: 11.30 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

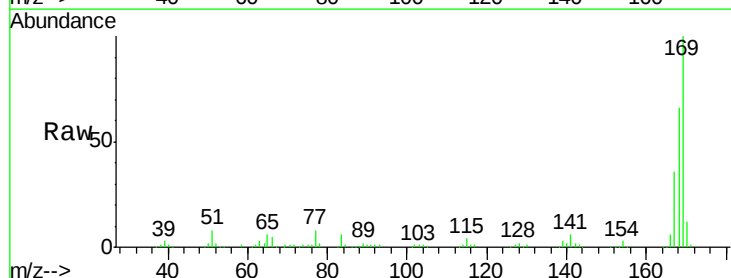
Tgt Ion:169 Resp: 242709

Ion Ratio Lower Upper

169 100

168 65.8 55.2 82.8

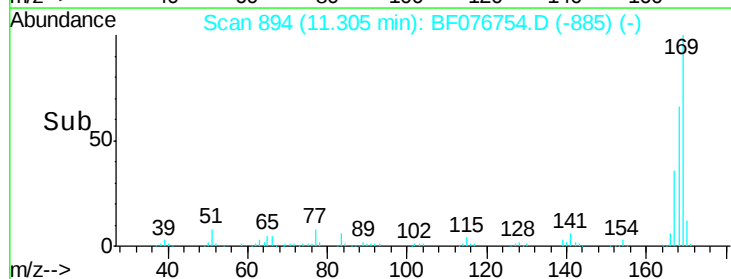
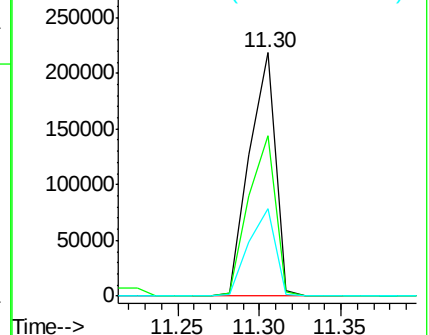
167 35.8 29.5 44.3

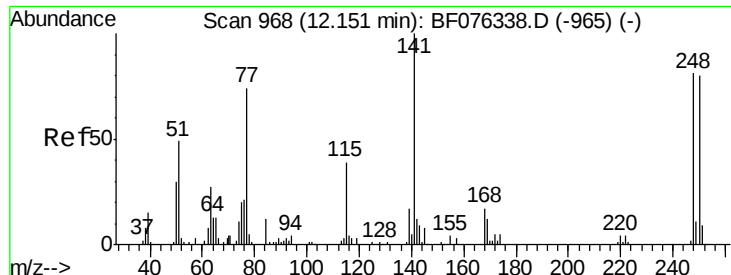


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

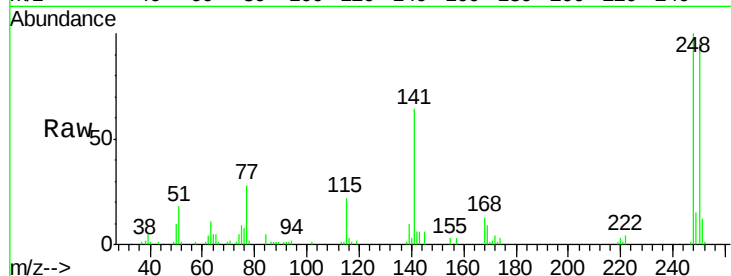




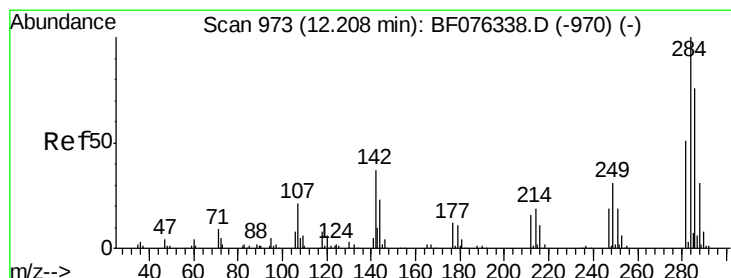
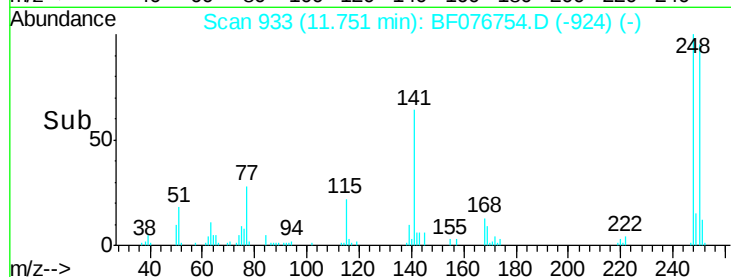
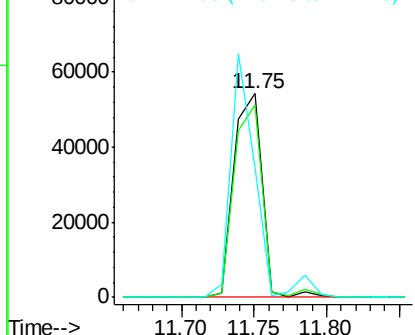
#66
4-Bromophenyl-phenylether
Concen: 42.73 ng
RT: 11.75 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:248 Resp: 72863
Ion Ratio Lower Upper
248 100
250 94.9 78.4 117.6
141 63.5 98.5 147.7#

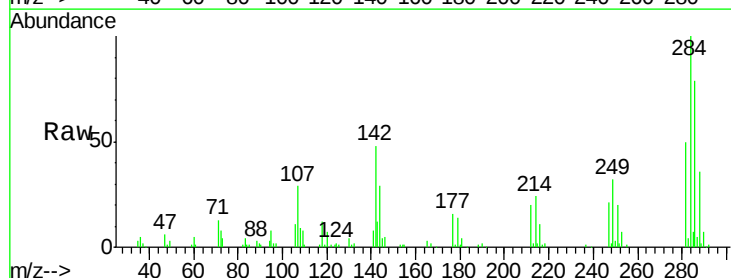


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

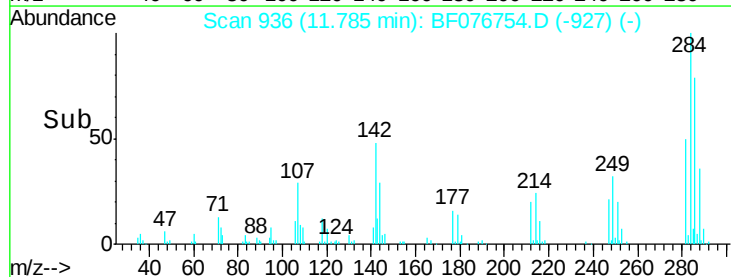
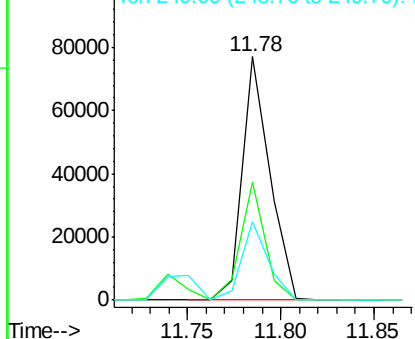


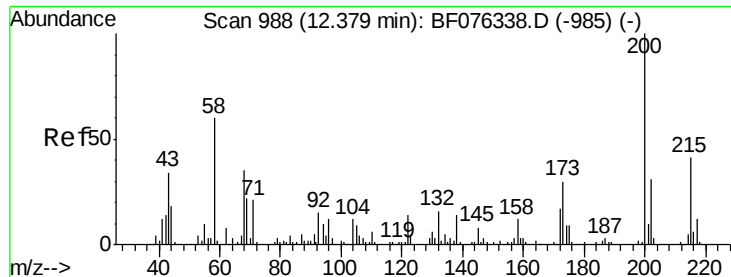
#67
Hexachlorobenzene
Concen: 39.71 ng
RT: 11.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:284 Resp: 79026
Ion Ratio Lower Upper
284 100
142 48.5 30.0 45.0#
249 32.0 24.7 37.1



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

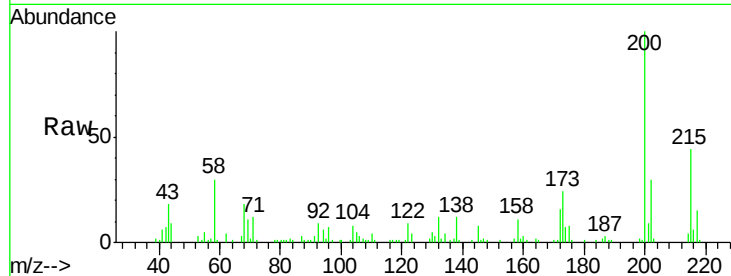




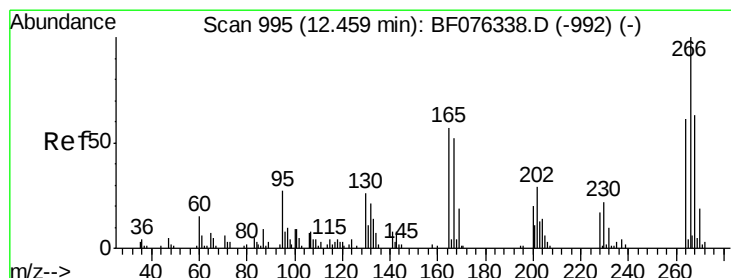
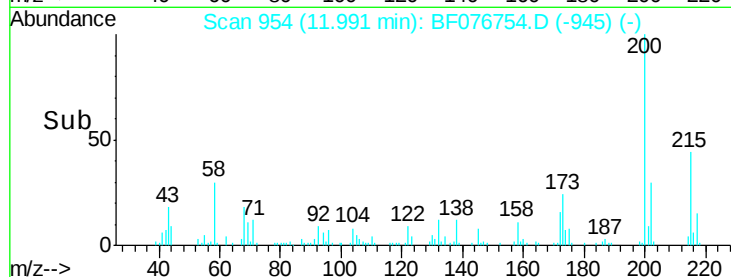
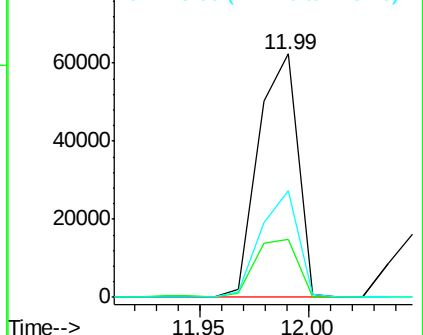
#68
Atrazine
Concen: 43.11 ng
RT: 11.99 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:200 Resp: 79214
Ion Ratio Lower Upper
200 100
173 23.6 10.0 50.0
215 44.0 21.4 61.4

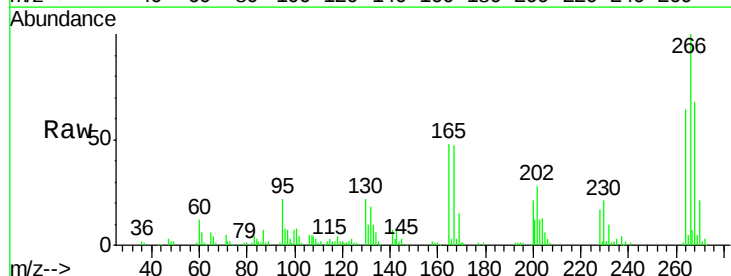


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

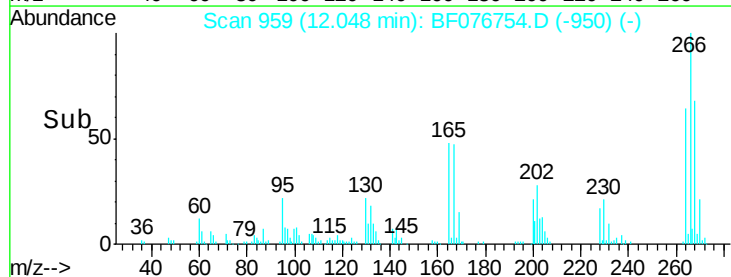
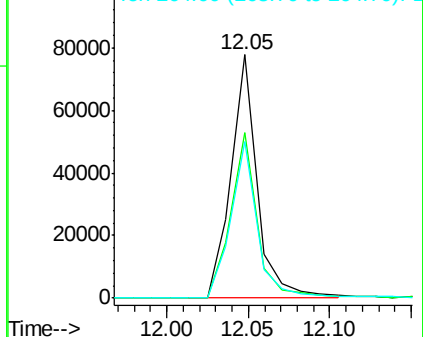


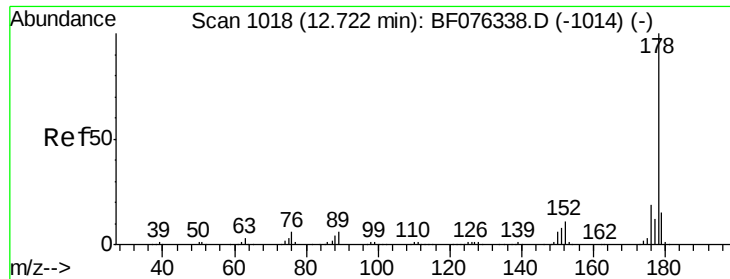
#69
Pentachlorophenol
Concen: 88.97 ng
RT: 12.05 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:266 Resp: 86682
Ion Ratio Lower Upper
266 100
268 68.1 50.7 76.1
264 64.2 48.7 73.1



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

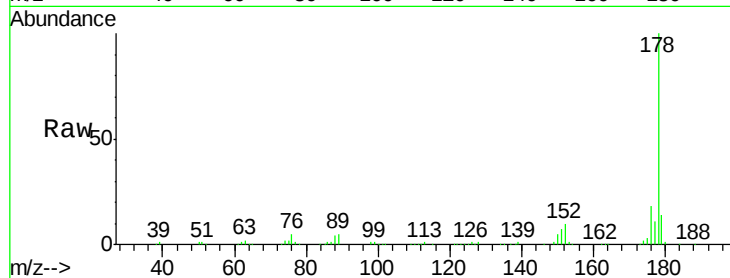




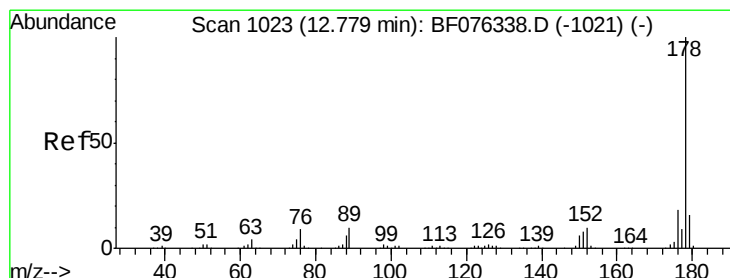
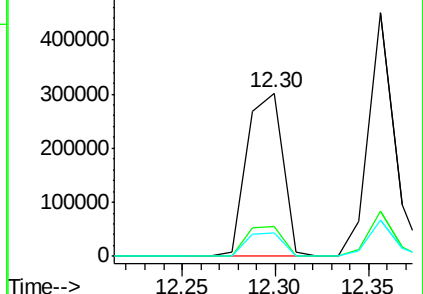
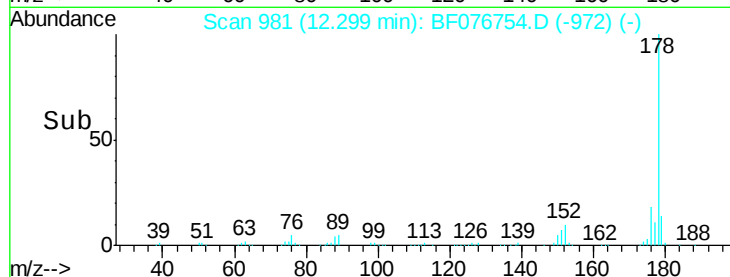
#70
Phenanthrene
Concen: 38.16 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:178 Resp: 403041
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 14.0 12.2 18.4

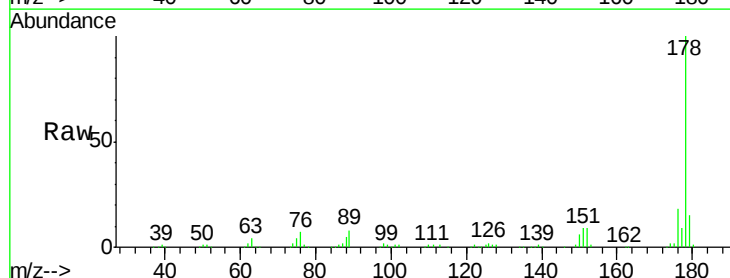


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

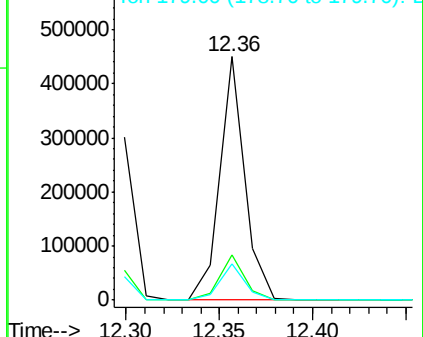
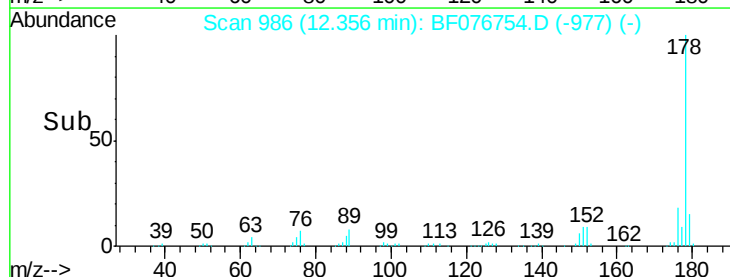


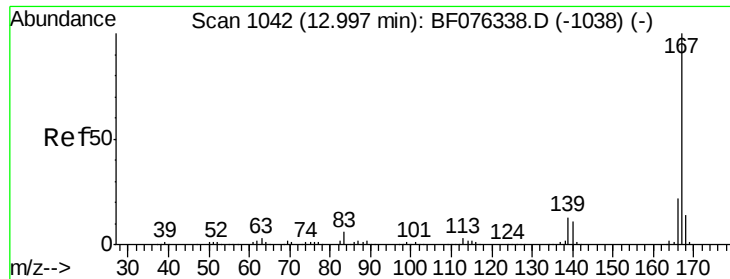
#71
Anthracene
Concen: 40.46 ng
RT: 12.36 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:178 Resp: 419266
Ion Ratio Lower Upper
178 100
176 18.3 14.3 21.5
179 14.9 12.7 19.1



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

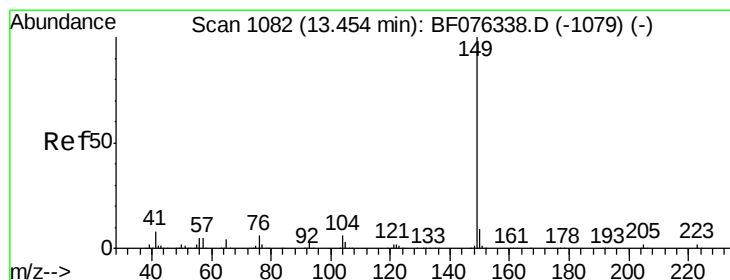
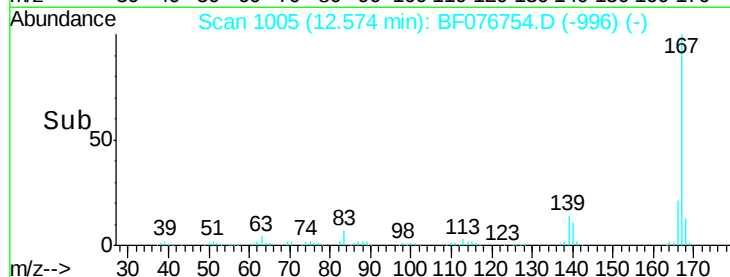
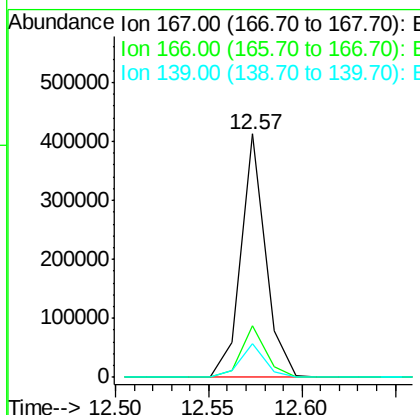
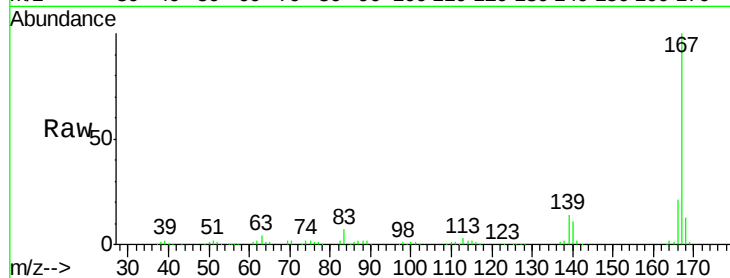




#72
 Carbazole
 Concen: 37.95 ng
 RT: 12.57 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

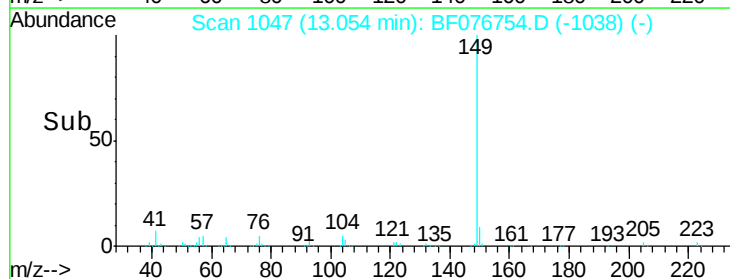
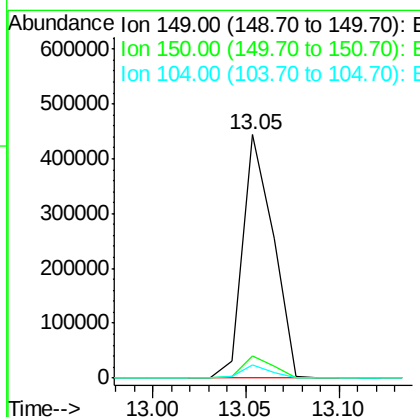
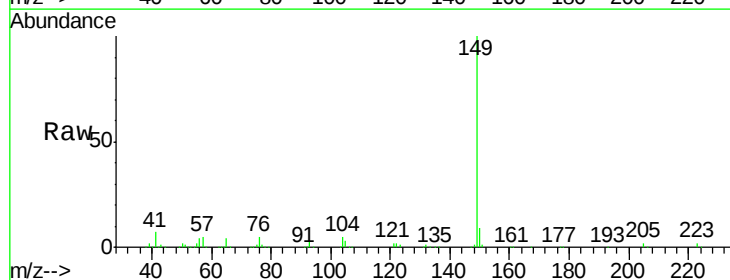
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

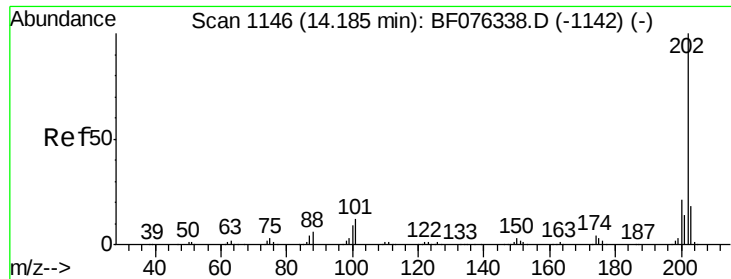
Tot Ion:167 Resp: 381468
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.2
 139 13.6 10.6 16.0



#73
 Di-n-butylphthalate
 Concen: 40.82 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion:149 Resp: 503959
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 5.3 4.5 6.7

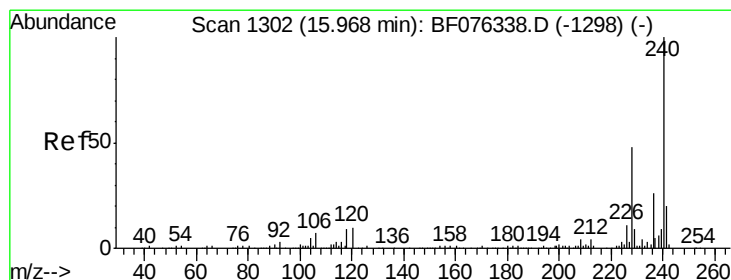
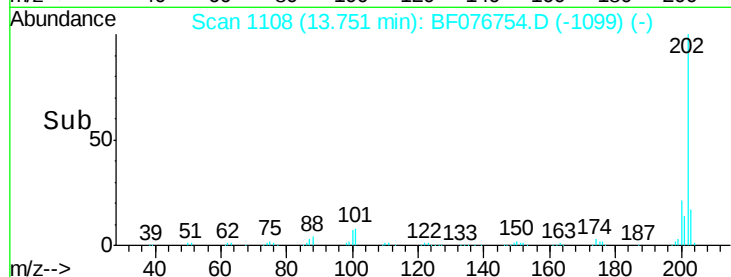
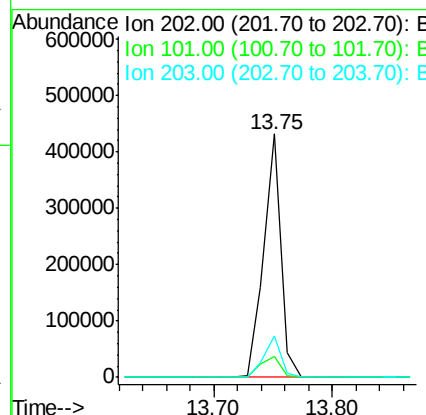
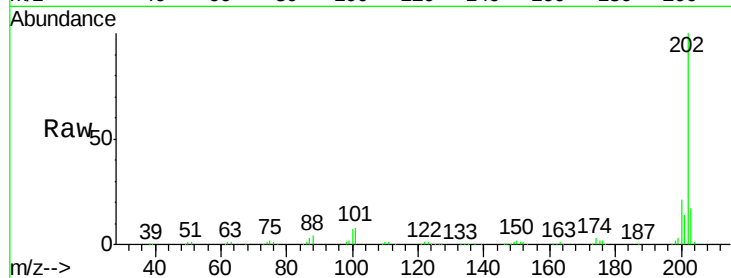




#74
 Fluoranthene
 Concen: 40.98 ng
 RT: 13.75 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

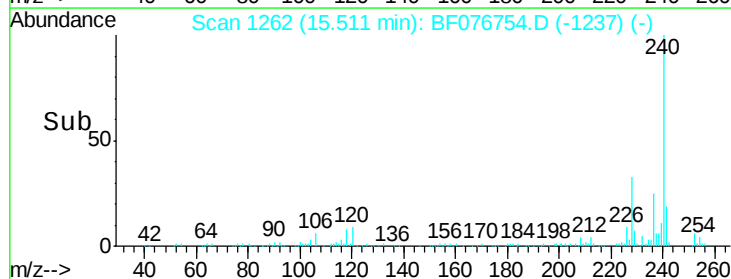
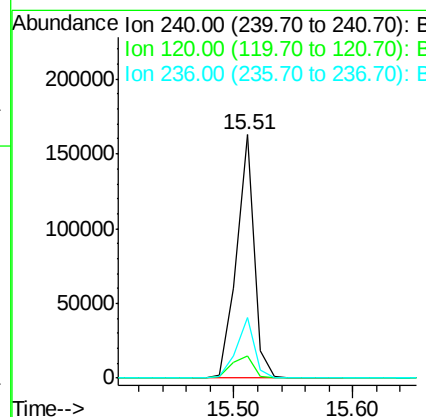
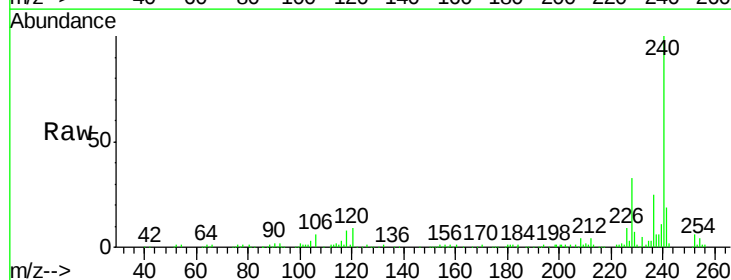
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BS

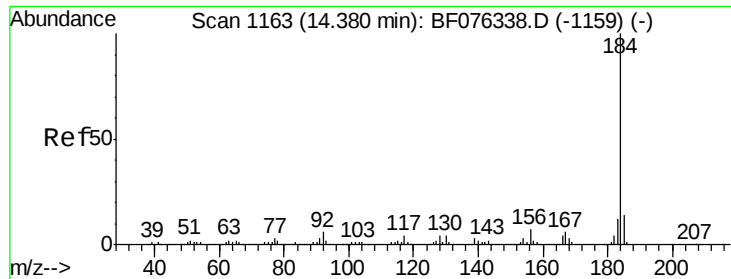
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.3
203	16.7	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF076754.D
 Acq: 6 Jan 2015 12:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.0	12.0
236	25.0	20.6	30.8

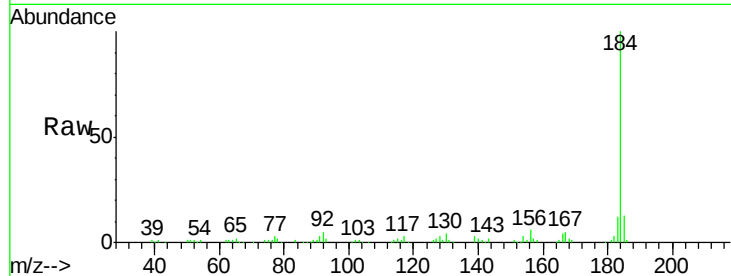




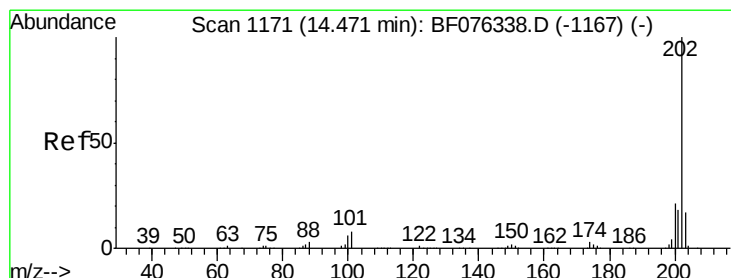
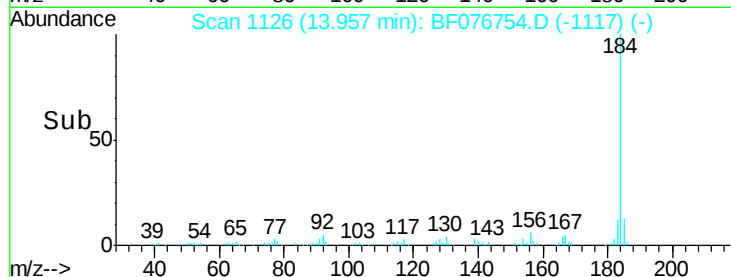
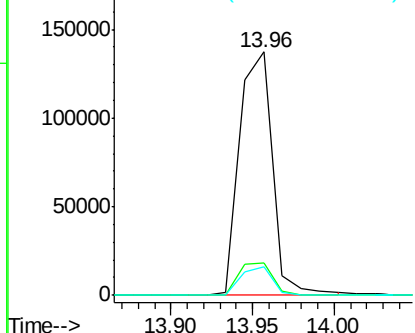
#76
Benzidine
Concen: 27.23 ng
RT: 13.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:184 Resp: 191726
Ion Ratio Lower Upper
184 100
185 13.4 11.4 17.0
183 11.7 9.3 13.9

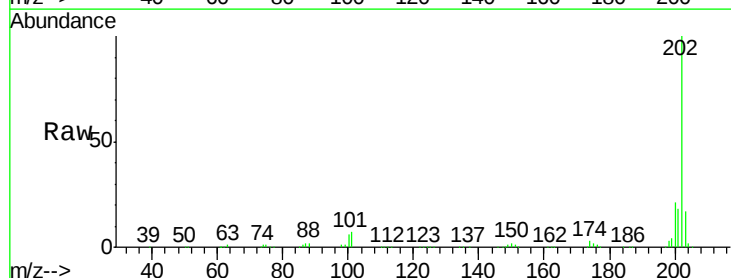


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

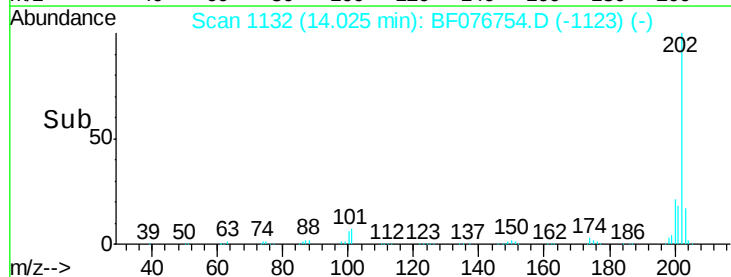
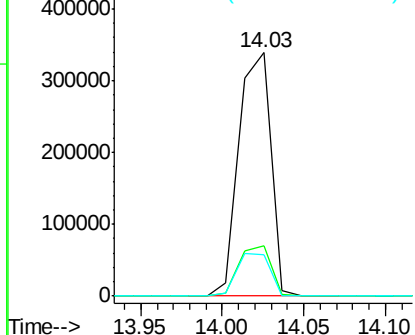


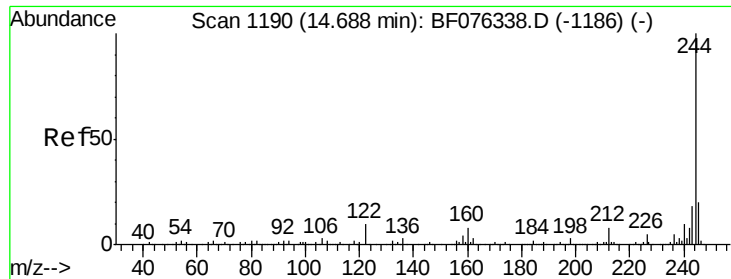
#77
Pyrene
Concen: 38.99 ng
RT: 14.03 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:202 Resp: 460865
Ion Ratio Lower Upper
202 100
200 20.6 16.8 25.2
203 17.2 13.5 20.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.97 ng

RT: 14.25 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

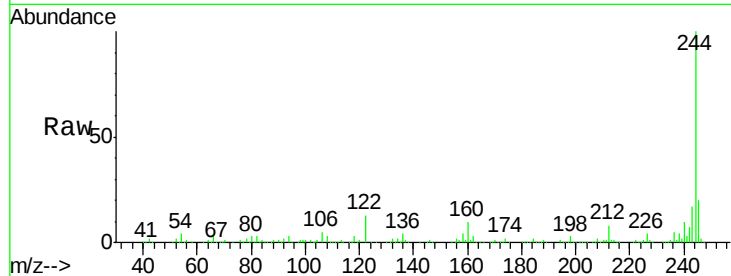
Tot Ion:244 Resp: 520578

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

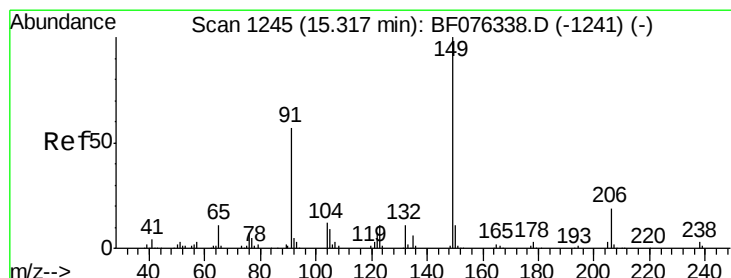
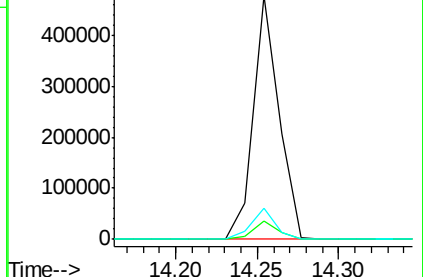
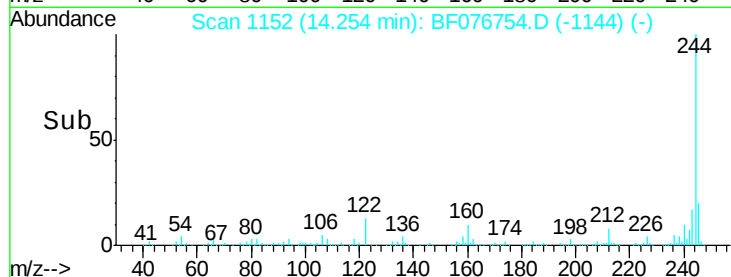
122 13.0 8.2 12.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.48 ng

RT: 14.89 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

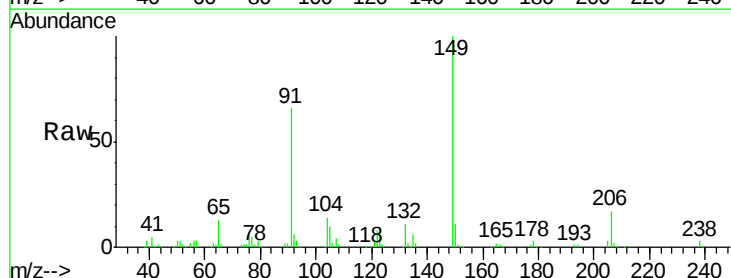
Tgt Ion:149 Resp: 217459

Ion Ratio Lower Upper

149 100

91 65.6 45.9 68.9

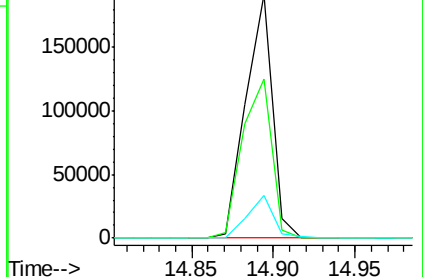
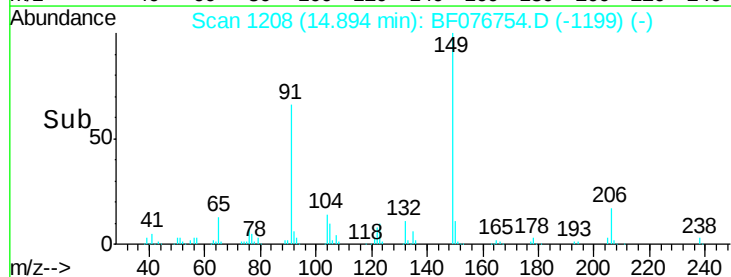
206 17.3 15.1 22.7

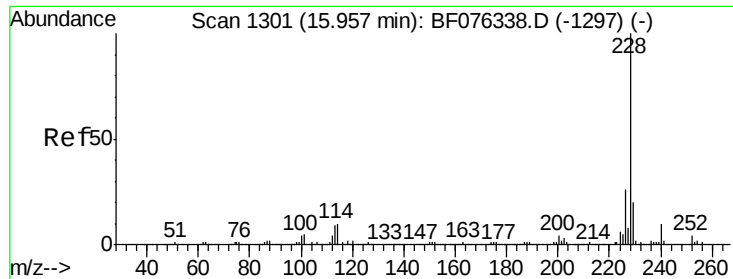


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

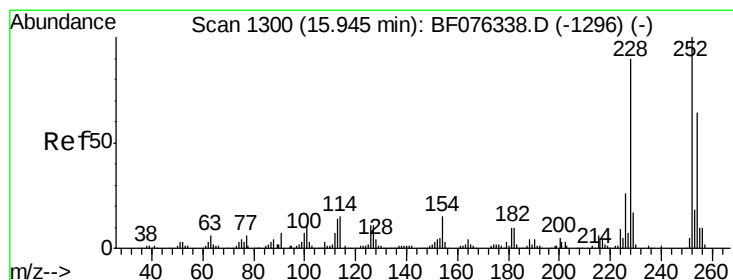
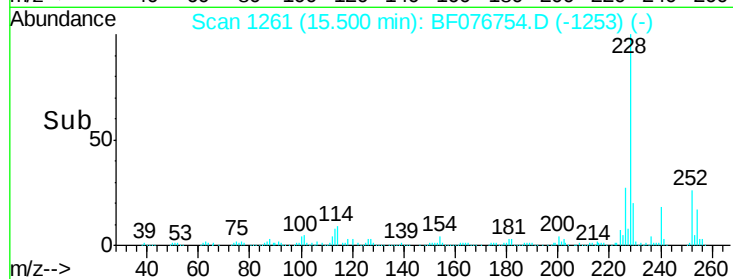
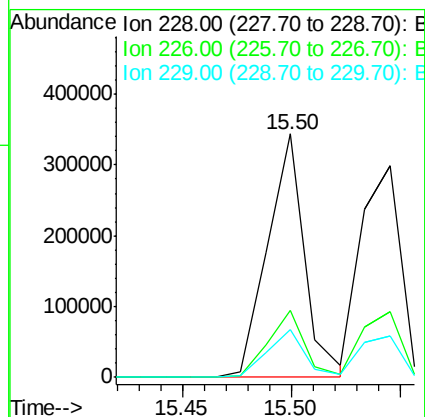
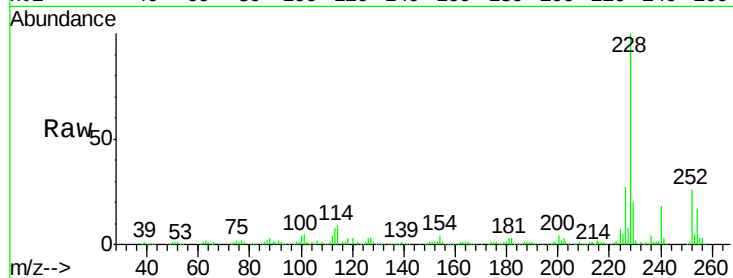




#80
Benzo(a)anthracene
Concen: 39.02 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

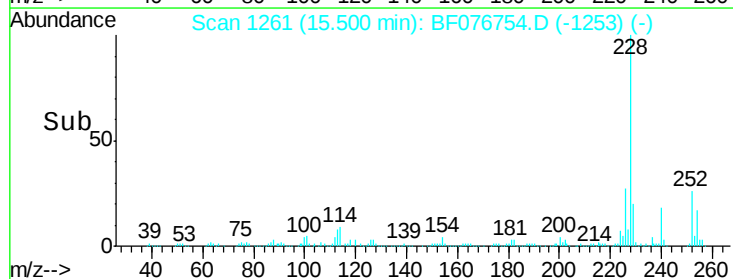
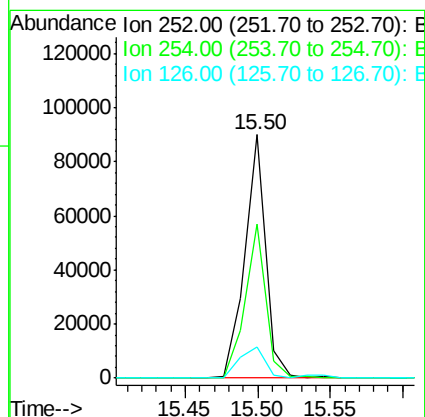
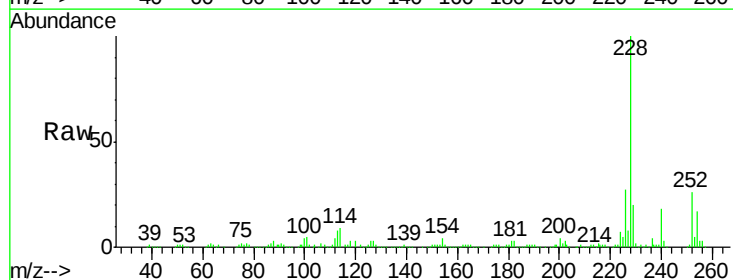
Instrument :
BNA_F
ClientSampleId :
PB81192BS

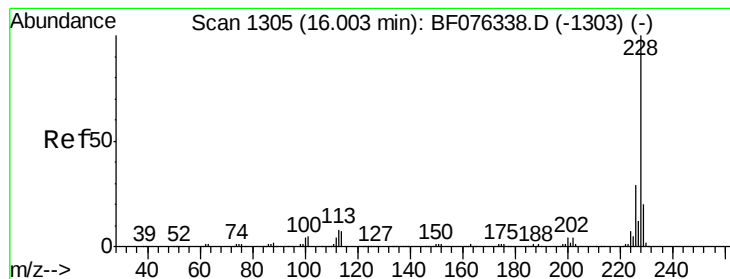
Tot Ion:228 Resp: 410556
Ion Ratio Lower Upper
228 100
226 27.4 20.9 31.3
229 19.7 15.8 23.8



#81
3,3'-Dichlorobenzidine
Concen: 25.79 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:252 Resp: 90713
Ion Ratio Lower Upper
252 100
254 63.2 50.9 76.3
126 12.6 8.4 12.6#





#82

Chrysene

Concen: 39.50 ng

RT: 15.55 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

Instrument :

BNA_F

ClientSampleId :

PB81192BS

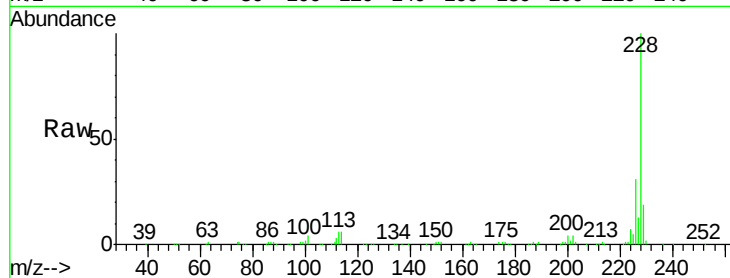
Tot Ion:228 Resp: 380273

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

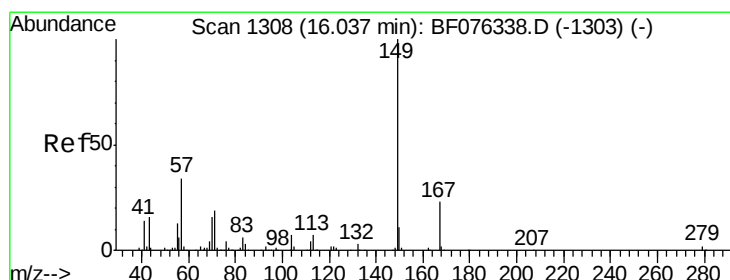
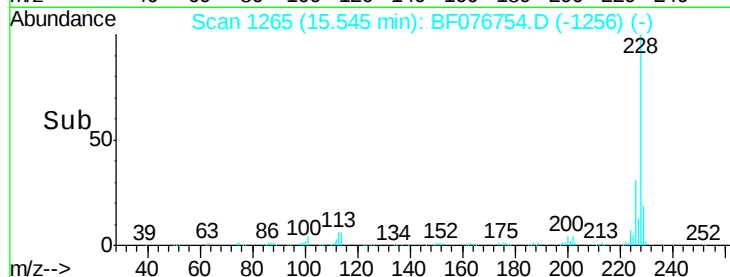
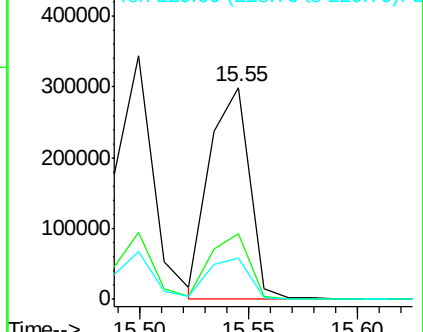
229 19.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 35.98 ng

RT: 15.63 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF076754.D

Acq: 6 Jan 2015 12:10

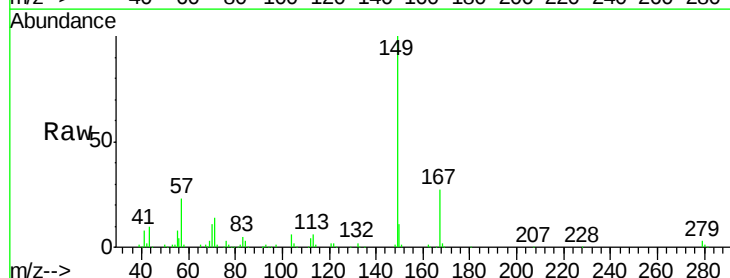
Tgt Ion:149 Resp: 307614

Ion Ratio Lower Upper

149 100

167 27.2 18.7 28.1

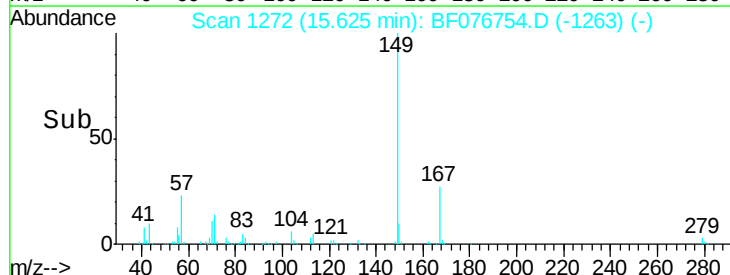
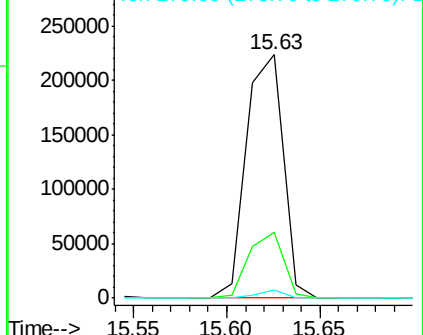
279 3.3 1.5 2.3#

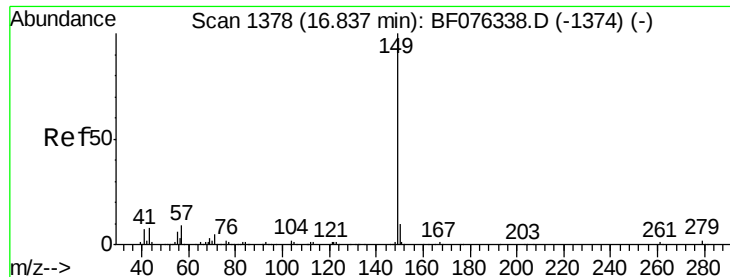


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

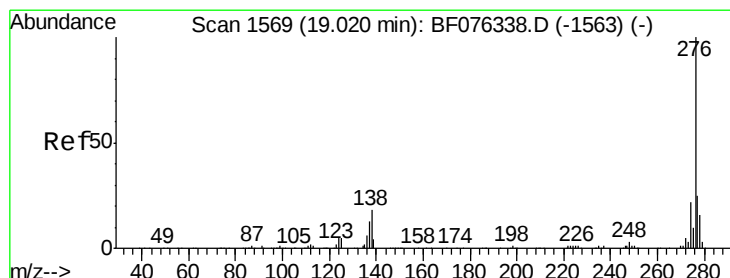
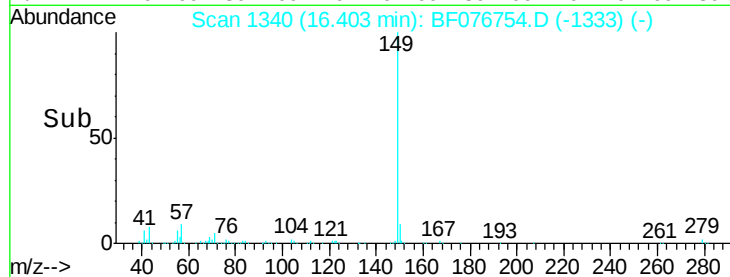
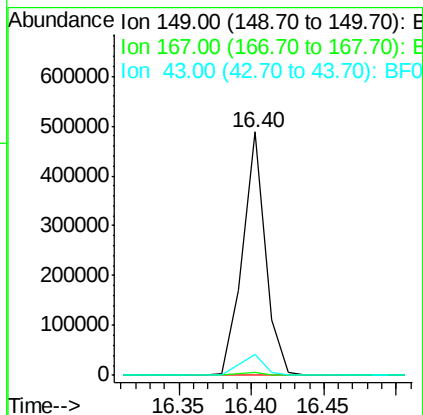
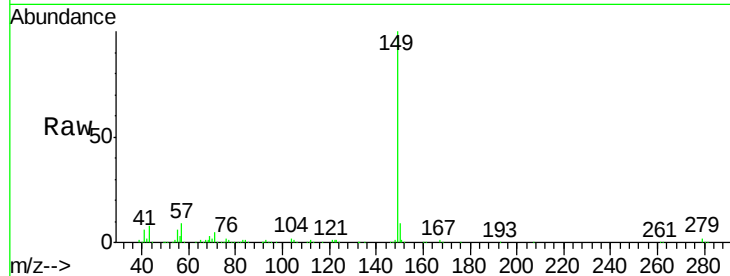




#84
Di-n-octyl phthalate
Concen: 36.66 ng
RT: 16.40 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

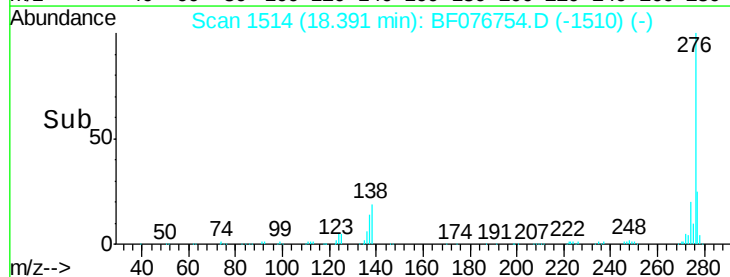
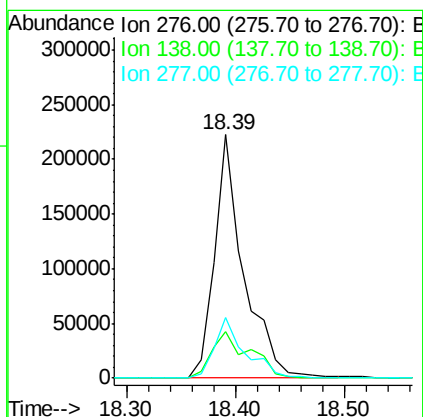
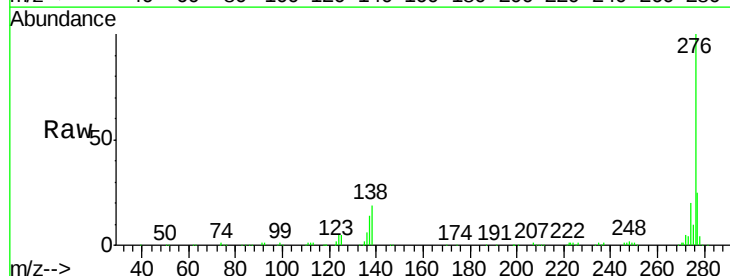
Instrument :
BNA_F
ClientSampleId :
PB81192BS

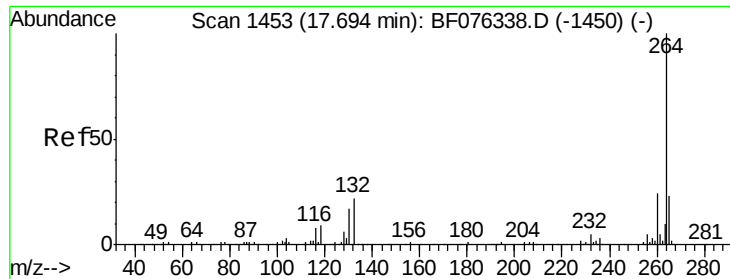
Tot Ion:149 Resp: 535099
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 9.2 7.1 10.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 39.10 ng
RT: 18.39 min Scan# 1514
Delta R.T. -0.06 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:276 Resp: 413069
Ion Ratio Lower Upper
276 100
138 25.0 19.1 28.7
277 26.2 18.7 28.1

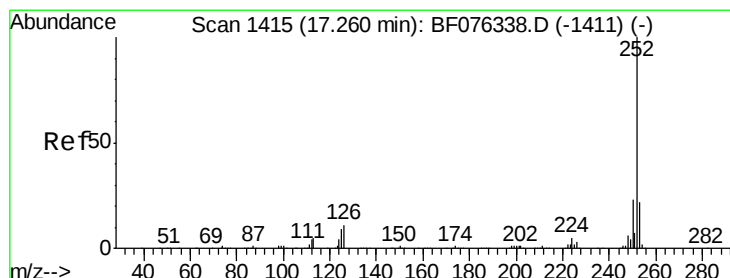
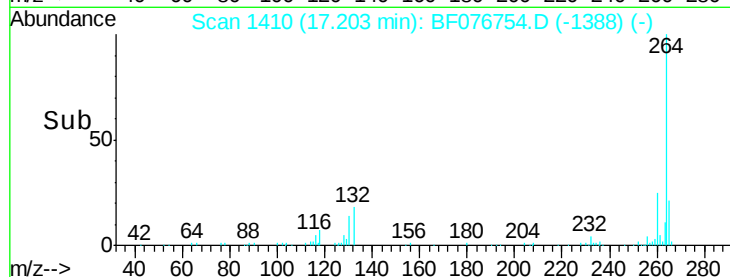
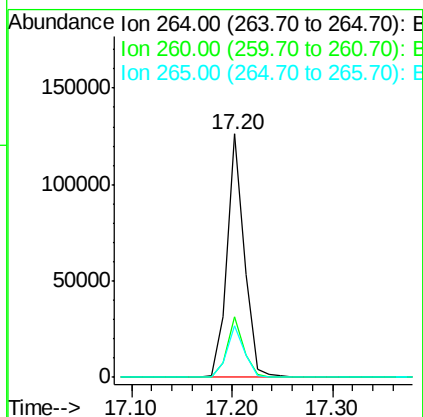
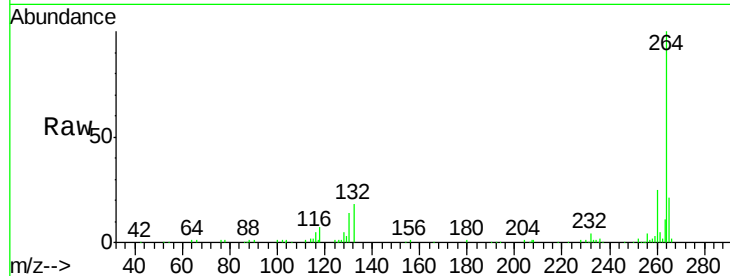




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.20 min Scan# 1410
Delta R.T. -0.05 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

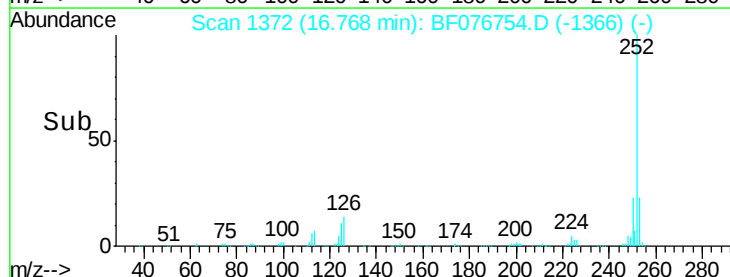
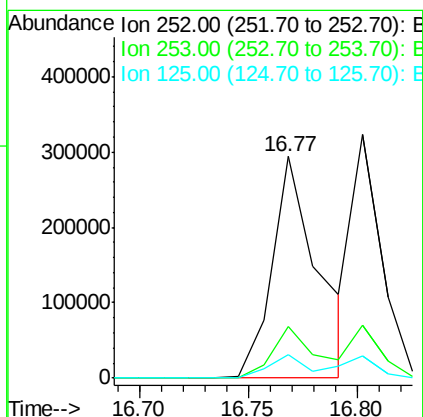
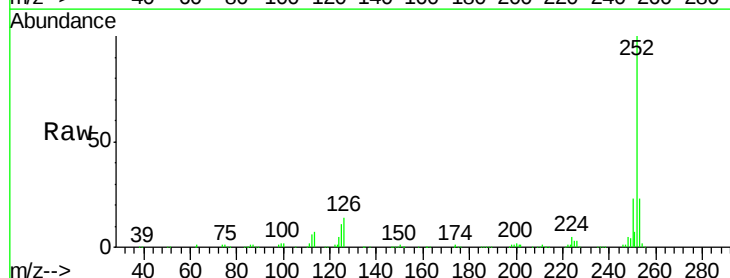
Instrument :
BNA_F
ClientSampleId :
PB81192BS

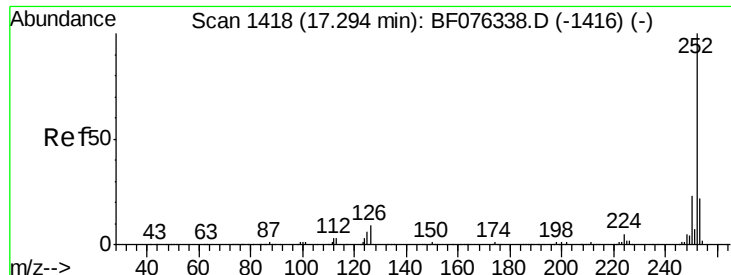
Tot Ion:264 Resp: 150888
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.5 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 43.53 ng
RT: 16.77 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:252 Resp: 433282
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.9 7.0 10.6#

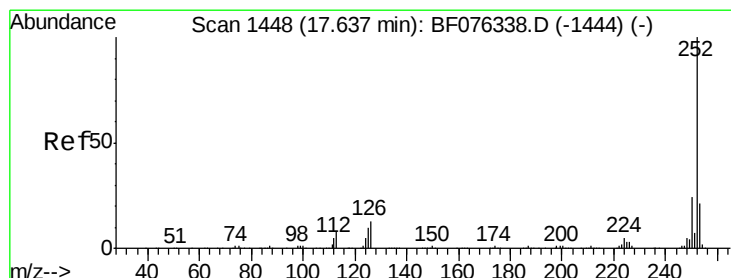
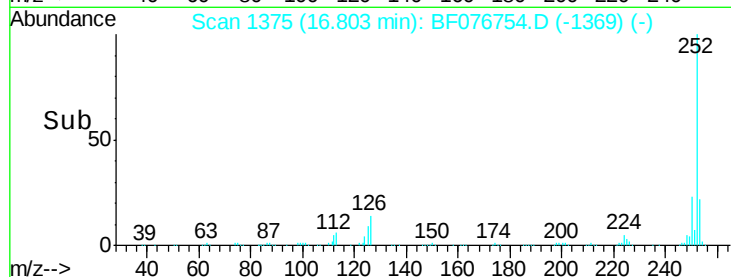
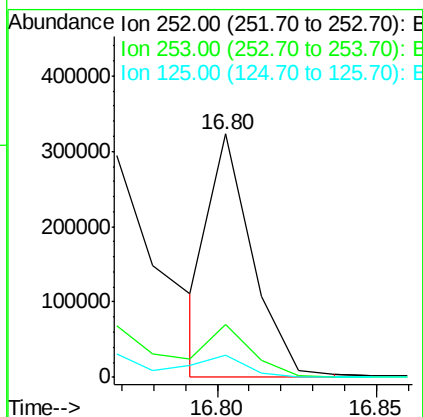
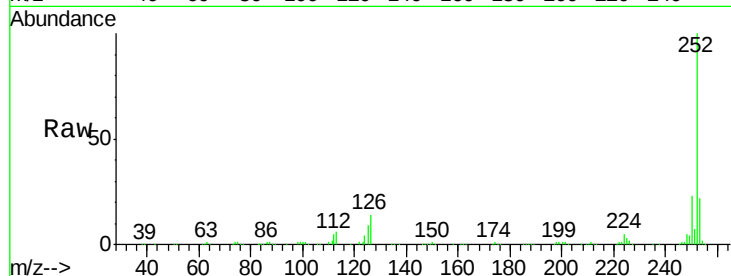




#88
Benzo(k)fluoranthene
Concen: 32.85 ng m
RT: 16.80 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

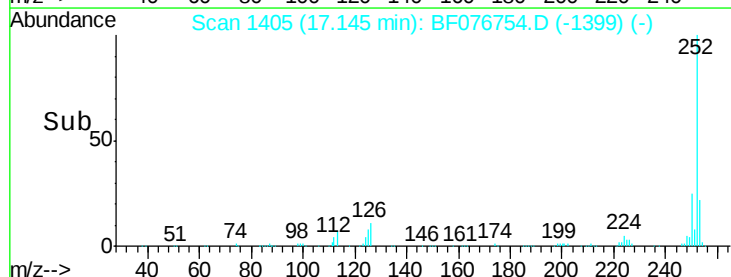
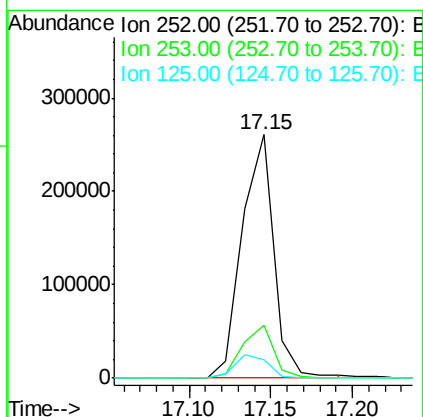
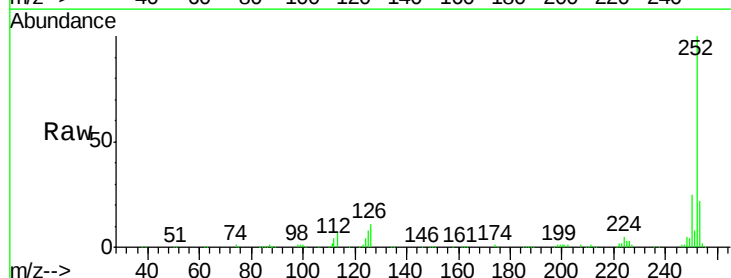
Instrument :
BNA_F
ClientSampleId :
PB81192BS

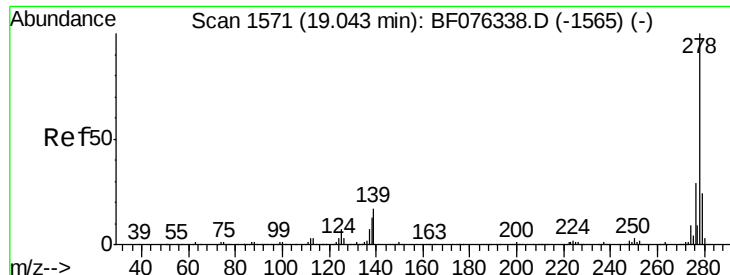
Tot Ion:252 Resp: 304510
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.2 5.4 8.2#



#89
Benzo(a)pyrene
Concen: 39.65 ng
RT: 17.15 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:252 Resp: 352205
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 7.6 8.2 12.2#

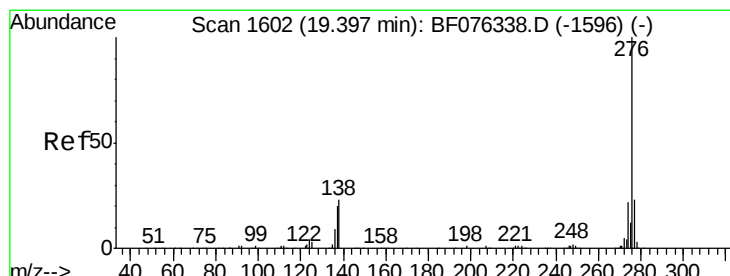
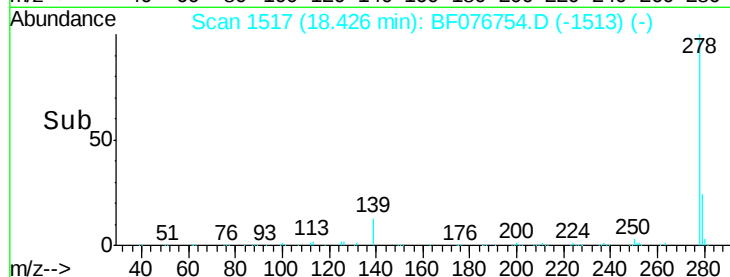
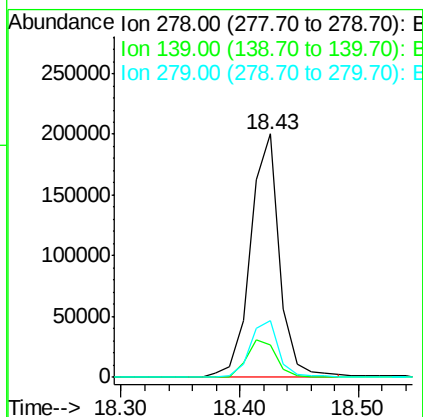
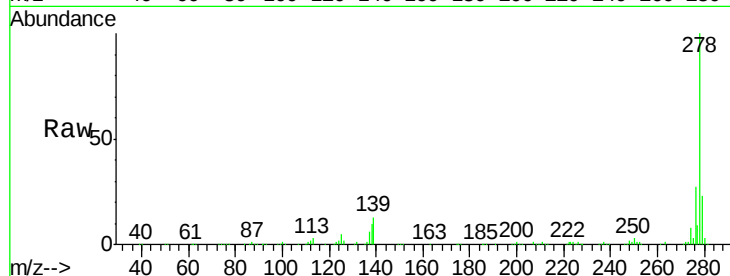




#90
Dibenzo(a,h)anthracene
Concen: 39.00 ng
RT: 18.43 min Scan# 1517
Delta R.T. -0.06 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Instrument :
BNA_F
ClientSampleId :
PB81192BS

Tot Ion:278 Resp: 343328
Ion Ratio Lower Upper
278 100
139 13.1 13.8 20.8#
279 23.4 19.0 28.6



#91
Benzo(g,h,i)perylene
Concen: 40.79 ng
RT: 18.71 min Scan# 1542
Delta R.T. -0.06 min
Lab File: BF076754.D
Acq: 6 Jan 2015 12:10

Tgt Ion:276 Resp: 349366
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 16.4 18.2 27.4#

