

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
 Data File : BF076755.D
 Acq On : 6 Jan 2015 12:39
 Operator : IZ / TP
 Sample : PB81192BSD
 Misc : W
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

Quant Time: Jan 07 00:42:28 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	46919	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	197894	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	107892	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	189237	20.00	ng	0.00
75) Chrysene-d12	15.51	240	177147	20.00	ng	-0.01
86) Perylene-d12	17.18	264	158122	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	339757	122.76	ng	0.00
7) Phenol-d6	6.31	99	443307	131.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	253683	76.24	ng	-0.01
41) 2,4,6-Tribromophenol	11.42	330	117391	128.73	ng	-0.01
44) 2-Fluorobiphenyl	9.66	172	545023	78.61	ng	0.00
78) Terphenyl-d14	14.25	244	574901	71.59	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.41	88	33737	28.52	ng	# 100
3) Pyridine	1.92	79	91719	30.80	ng	94
4) n-Nitrosodimethylamine	1.86	42	55141	38.27	ng	95
6) Aniline	6.29	93	122650	25.41	ng	# 85
8) 2-Chlorophenol	6.44	128	122138	38.54	ng	96
10) Phenol	6.32	94	150089	36.59	ng	87
11) bis(2-Chloroethyl)ether	6.41	93	118541	40.14	ng	97
12) 1,3-Dichlorobenzene	6.63	146	130130	35.37	ng	98
13) 1,4-Dichlorobenzene	6.73	146	131268	35.22	ng	97
14) 1,2-Dichlorobenzene	6.92	146	131540	37.22	ng	98
15) Benzyl Alcohol	6.93	79	112473	38.43	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	155009	36.24	ng	96
17) 2-Methylphenol	7.09	107	99427	38.18	ng	95
18) Hexachloroethane	7.34	117	50425	37.86	ng	# 82
19) n-Nitroso-di-n-propylamine	7.27	70	89159	36.12	ng	# 92
20) 3+4-Methylphenols	7.29	107	129802	36.91	ng	92
22) Acetophenone	7.25	105	197435	41.63	ng	# 90
24) Nitrobenzene	7.44	77	135779	39.35	ng	97
25) Isophorone	7.75	82	251373	39.19	ng	# 91
26) 2-Nitrophenol	7.84	139	69008	40.96	ng	# 88
27) 2,4-Dimethylphenol	7.93	122	106702	39.12	ng	99
28) bis(2-Chloroethoxy)methane	8.06	93	158360	42.06	ng	97
29) 2,4-Dichlorophenol	8.15	162	104905	39.14	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	108934	37.70	ng	98
31) Naphthalene	8.32	128	384771	39.25	ng	98
32) Benzoic acid	8.09	122	66193	41.12	ng	95
33) 4-Chloroaniline	8.42	127	99033	24.75	ng	99
34) Hexachlorobutadiene	8.49	225	65584	39.04	ng	93
35) Caprolactam	8.85	113	33182	42.94	ng	95
36) 4-Chloro-3-methylphenol	9.05	107	115441	38.70	ng	96
37) 2-Methylnaphthalene	9.18	142	260162	38.04	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	111241	41.91	ng	# 79
40) Hexachlorocyclopentadiene	9.37	237	117282	76.64	ng	94
42) 2,4,6-Trichlorophenol	9.54	196	69725	36.21	ng	97

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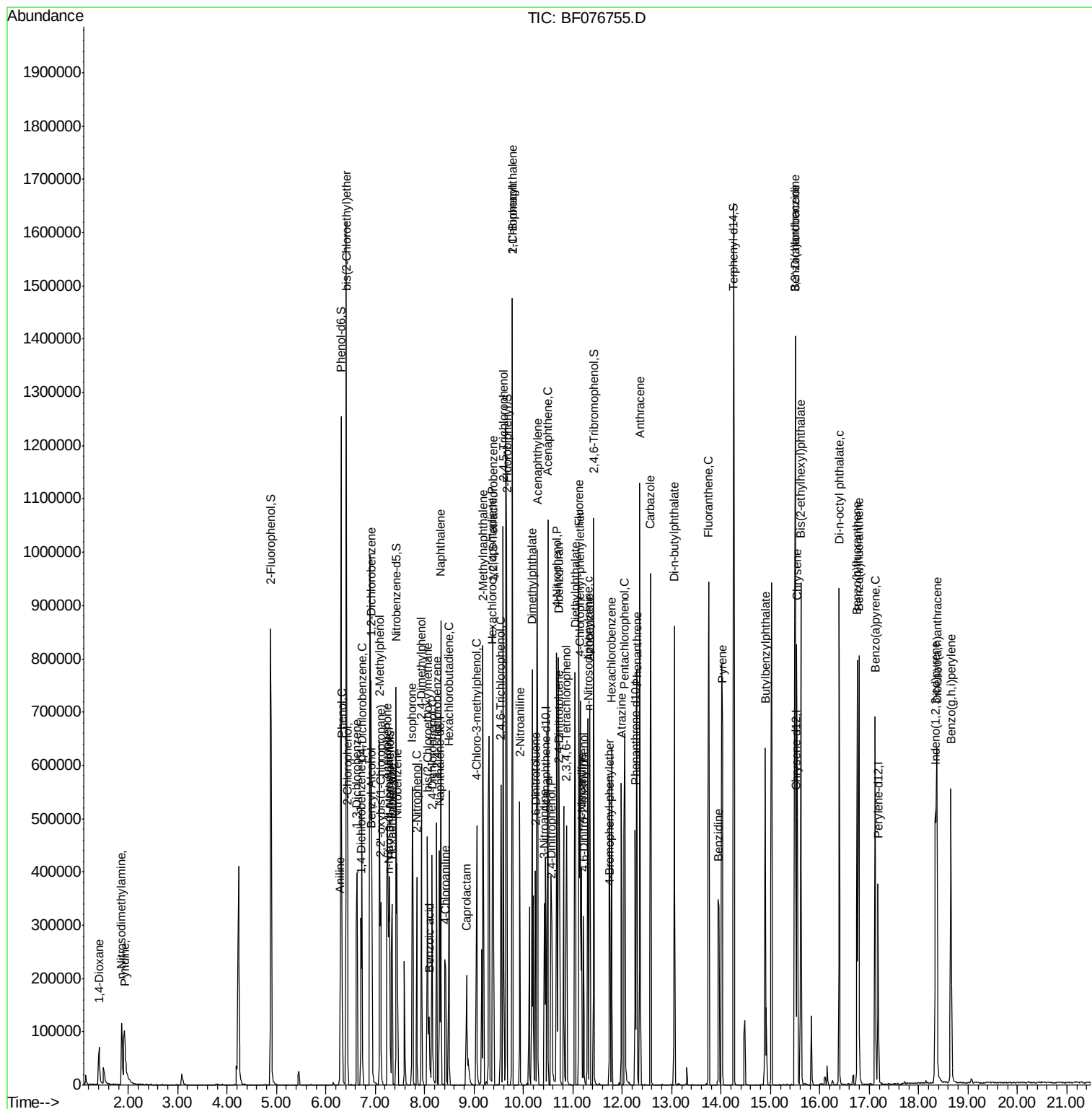
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.59	196	77213	37.27	nq	# 86
45) 1,1'-Biphenyl	9.77	154	336298	41.96	nq	98
46) 2-Chloronaphthalene	9.77	162	255075	40.13	nq	97
47) 2-Nitroaniline	9.92	65	86461	44.71	nq	86
48) Acenaphthylene	10.28	152	421980	39.03	nq	99
49) Dimethylphthalate	10.17	163	313699	41.10	nq	98
50) 2,6-Dinitrotoluene	10.24	165	68592	43.86	nq	95
51) Acenaphthene	10.49	154	249100	40.72	nq	98
52) 3-Nitroaniline	10.42	138	52187	29.39	nq	# 78
53) 2,4-Dinitrophenol	10.57	184	63833	73.44	nq	# 92
54) Dibenzofuran	10.71	168	371638	42.00	nq	96
55) 4-Nitrophenol	10.68	139	108695	79.84	nq	# 72
56) 2,4-Dinitrotoluene	10.72	165	92951	44.60	nq	# 60
57) Fluorene	11.12	166	295347	39.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.87	232	65032	42.21	nq	# 100
59) Diethylphthalate	11.04	149	324769	41.66	nq	99
60) 4-Chlorophenyl-phenylether	11.15	204	133976	41.65	nq	# 78
61) 4-Nitroaniline	11.18	138	72602	38.90	nq	96
62) Azobenzene	11.34	77	310460	40.42	nq	89
64) 4,6-Dinitro-2-methylphenol	11.21	198	42164	35.62	nq	86
65) n-Nitrosodiphenylamine	11.31	169	254924	38.35	nq	97
66) 4-Bromophenyl-phenylether	11.75	248	80091	43.45	nq	# 65
67) Hexachlorobenzene	11.79	284	87097	40.48	nq	# 87
68) Atrazine	11.98	200	80752	40.66	nq	96
69) Pentachlorophenol	12.05	266	97525	92.60	nq	97
70) Phenanthrene	12.30	178	438483	38.40	nq	99
71) Anthracene	12.36	178	449147	40.10	nq	98
72) Carbazole	12.57	167	398351	36.66	nq	98
73) Di-n-butylphthalate	13.05	149	530165	39.73	nq	99
74) Fluoranthene	13.75	202	462668	39.68	nq	94
76) Benzidine	13.96	184	203008	27.50	nq	99
77) Pyrene	14.03	202	474571	38.29	nq	98
79) Butylbenzylphthalate	14.89	149	230598	38.92	nq	99
80) Benzo(a)anthracene	15.50	228	450680	40.85	nq	97
81) 3,3'-Dichlorobenzidine	15.50	252	93772	25.43	nq	99
82) Chrysene	15.53	228	368580	36.51	nq	99
83) Bis(2-ethylhexyl)phthalate	15.61	149	332386	37.08	nq	99
84) Di-n-octyl phthalate	16.39	149	560697	36.63	nq	100
85) Indeno(1,2,3-cd)pyrene	18.35	276	431905m	38.99	nq	
87) Benzo(b)fluoranthene	16.76	252	372702	35.73	nq	100
88) Benzo(k)fluoranthene	16.79	252	392356m	40.39	nq	
89) Benzo(a)pyrene	17.12	252	369432	39.69	nq	# 97
90) Dibenzo(a,h)anthracene	18.37	278	348172	37.74	nq	97
91) Benzo(g,h,i)perylene	18.65	276	346708	38.62	nq	98

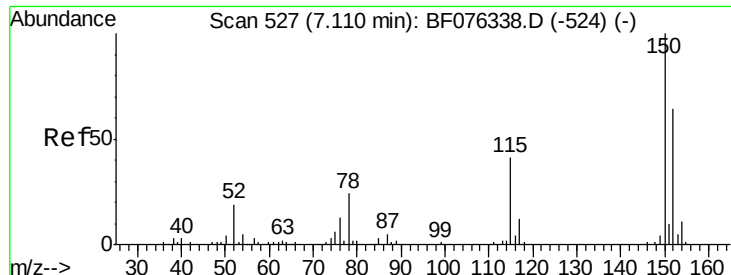
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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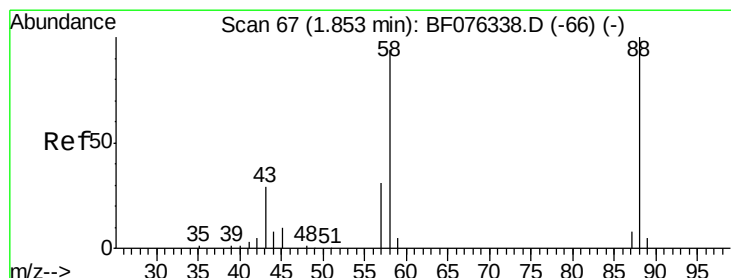
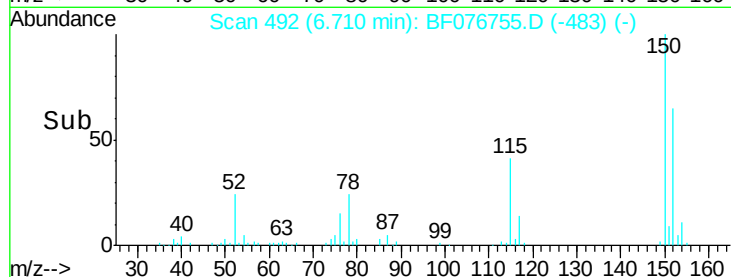
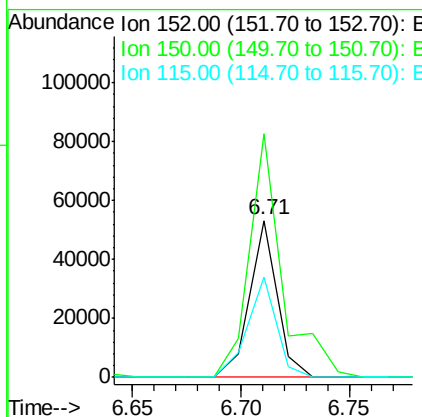
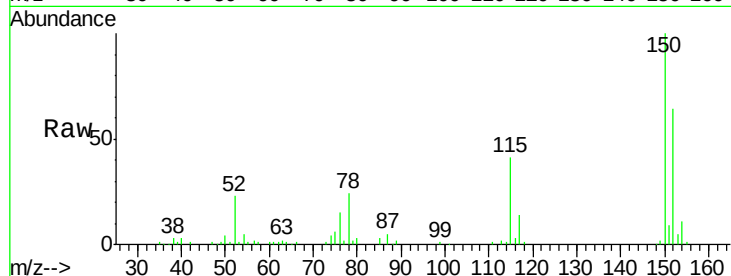




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

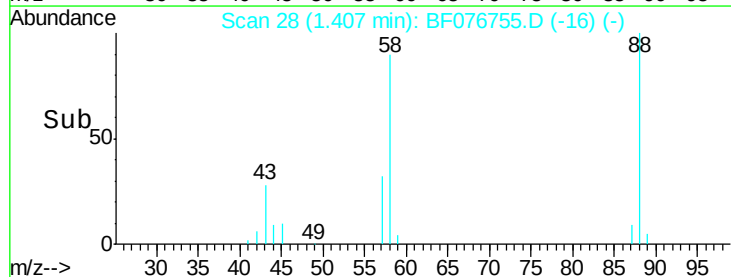
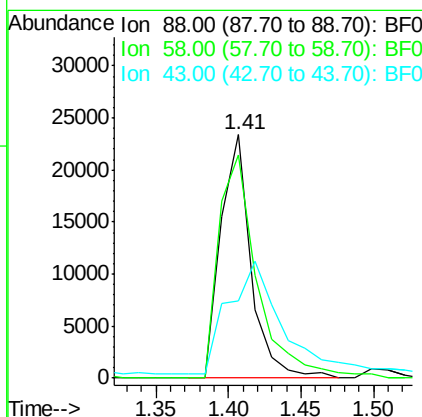
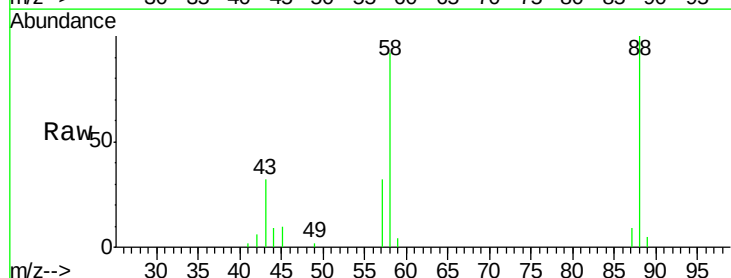
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

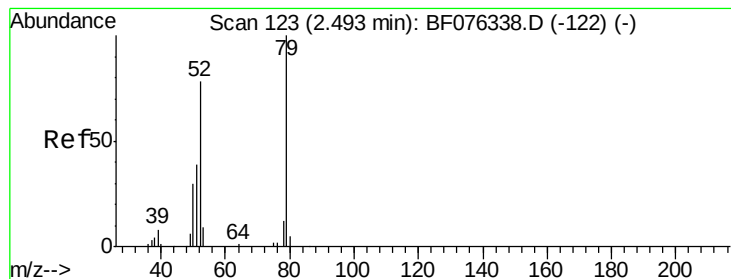
Tot Ion:152 Resp: 46919
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.2 187.8
 115 63.7 51.4 77.0



#2
 1,4-Dioxane
 Concen: 28.52 ng
 RT: 1.41 min Scan# 28
 Delta R.T. 0.03 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion: 88 Resp: 33737
 Ion Ratio Lower Upper
 88 100
 58 118.2 0.0 0.0#
 43 85.9 0.0 0.0#





#3

Pvridine

Concen: 30.80 ng

RT: 1.92 min Scan# 73

Delta R.T. 0.05 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

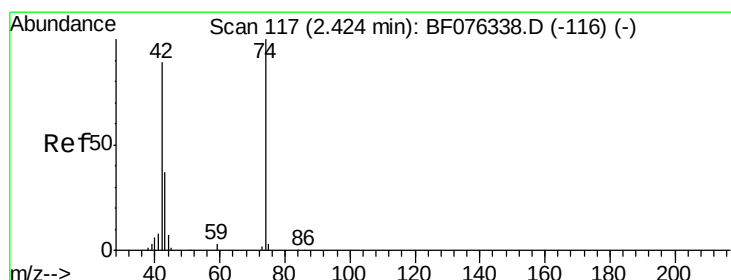
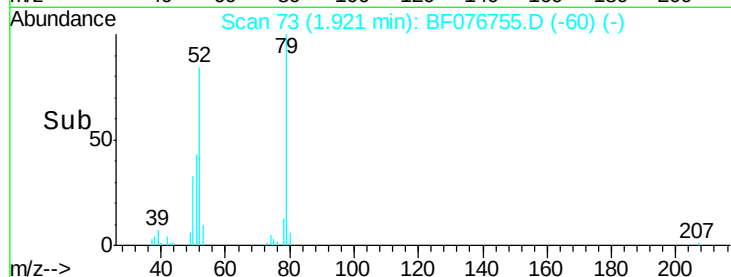
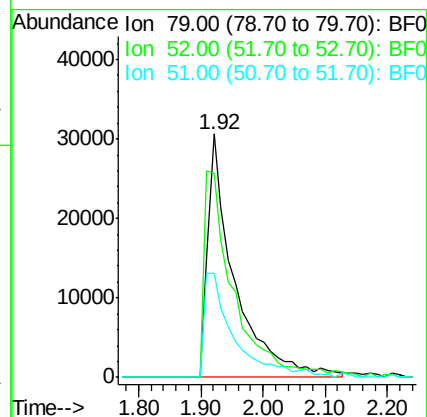
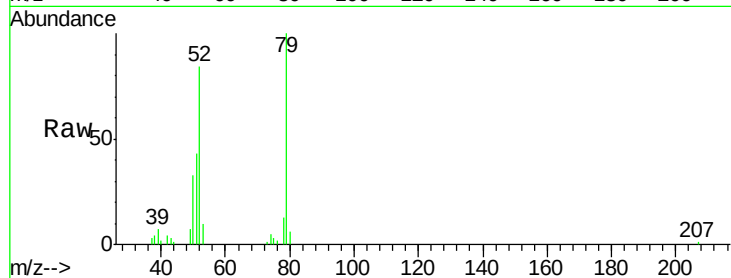
Tot Ion: 79 Resp: 91719

Ion Ratio Lower Upper

79 100

52 83.9 62.2 93.4

51 42.5 32.1 48.1



#4

n-Nitrosodimethylamine

Concen: 38.27 ng

RT: 1.86 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

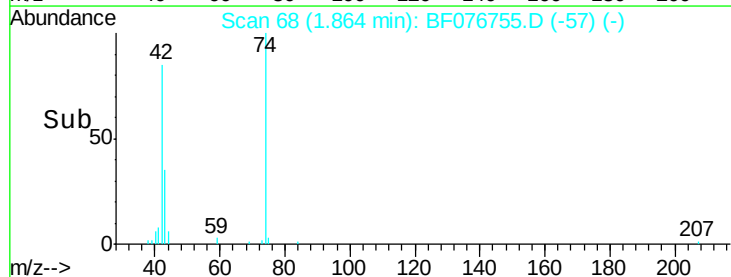
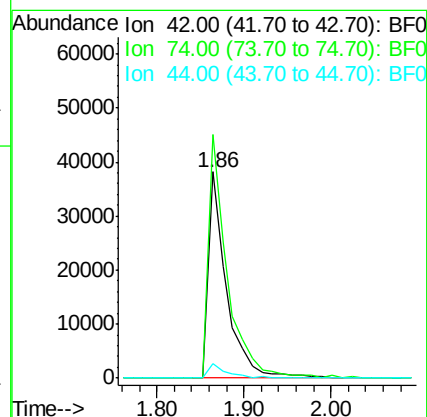
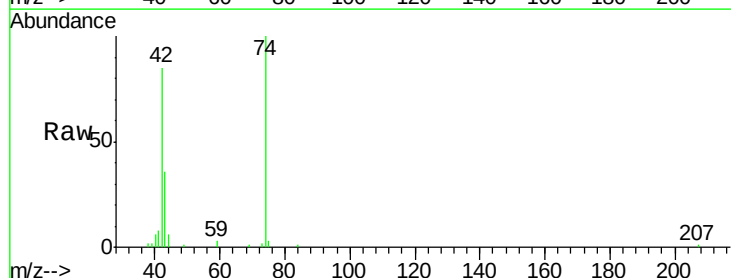
Tgt Ion: 42 Resp: 55141

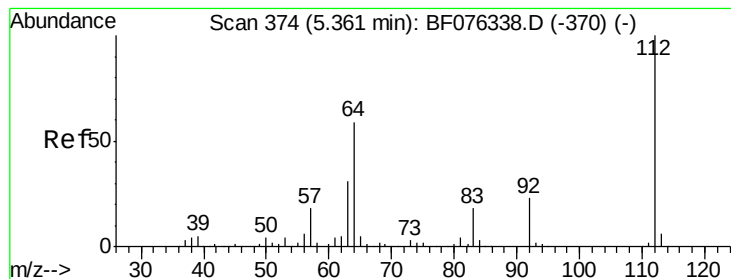
Ion Ratio Lower Upper

42 100

74 117.9 89.9 134.9

44 6.8 6.4 9.6





#5

2-Fluorophenol

Concen: 122.76 ng

RT: 4.88 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

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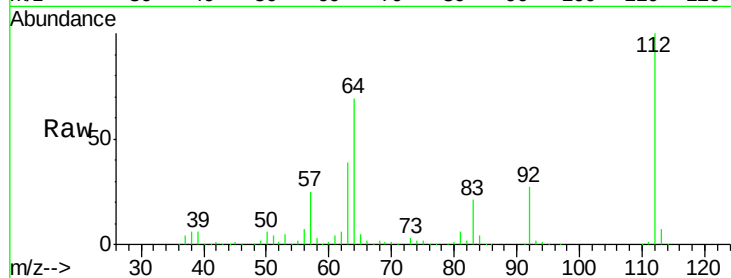
Tot Ion:112 Resp: 339757

Ion Ratio Lower Upper

112 100

64 69.2 47.4 71.0

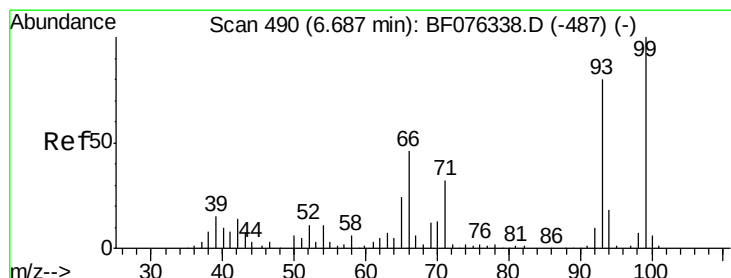
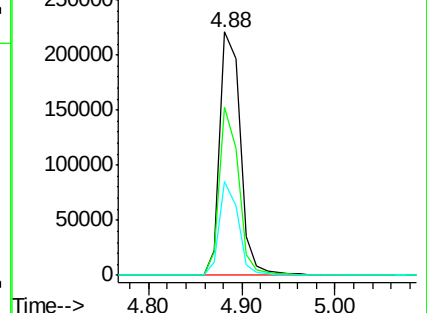
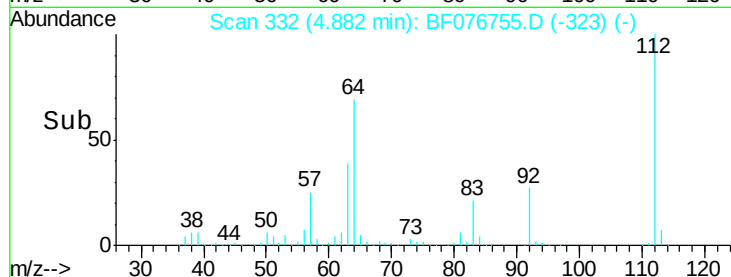
63 38.7 25.0 37.4#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.41 ng

RT: 6.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

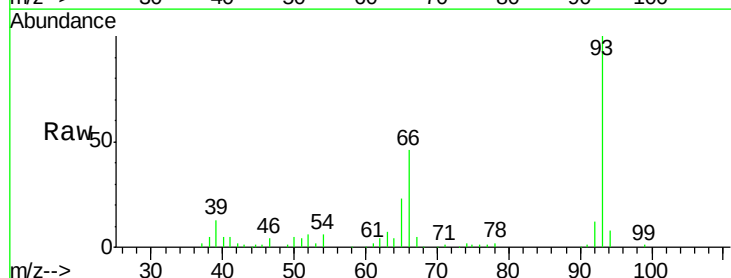
Tgt Ion: 93 Resp: 122650

Ion Ratio Lower Upper

93 100

66 45.7 45.7 68.5

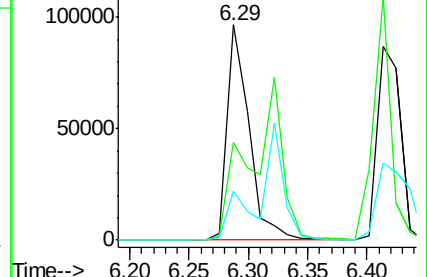
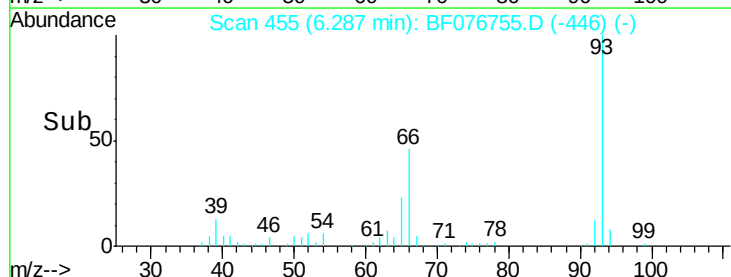
65 22.7 24.3 36.5#

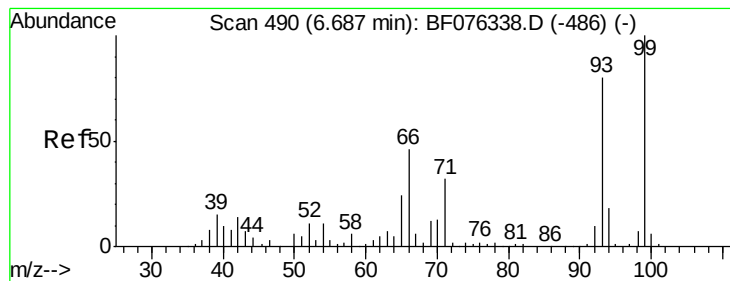


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.15 ng

RT: 6.31 min Scan# 457

Delta R.T. -0.00 min

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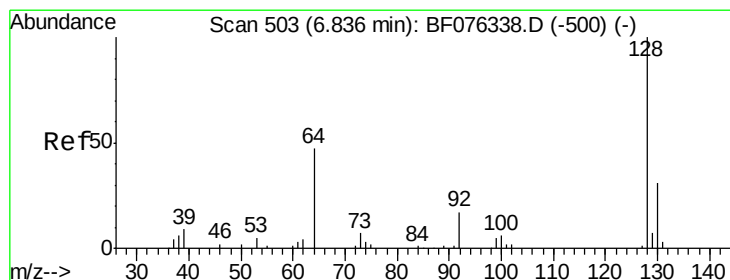
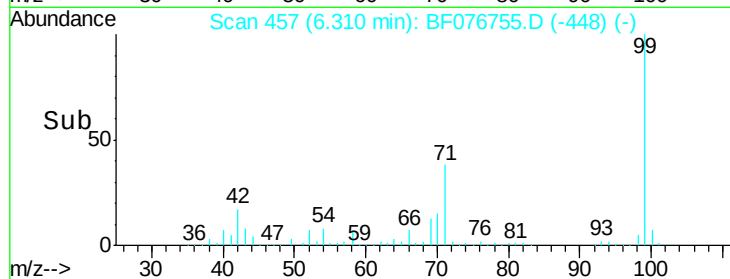
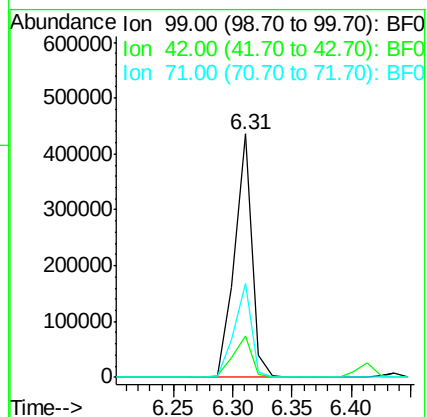
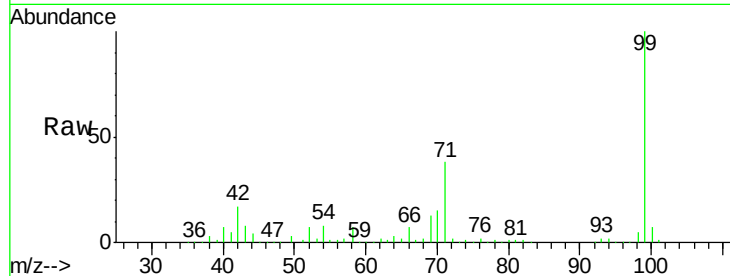
Tot Ion: 99 Resp: 443307

Ion Ratio Lower Upper

99 100

42 17.0 11.6 17.4

71 38.3 25.9 38.9



#8

2-Chlorophenol

Concen: 38.54 ng

RT: 6.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF076755.D

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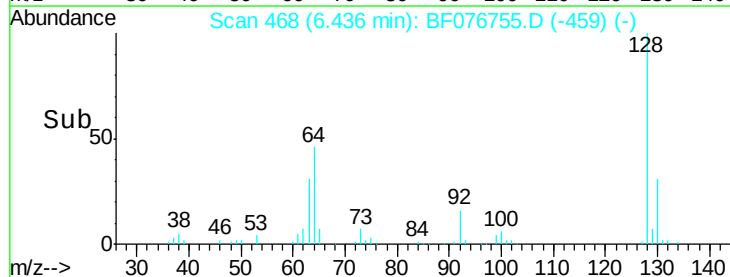
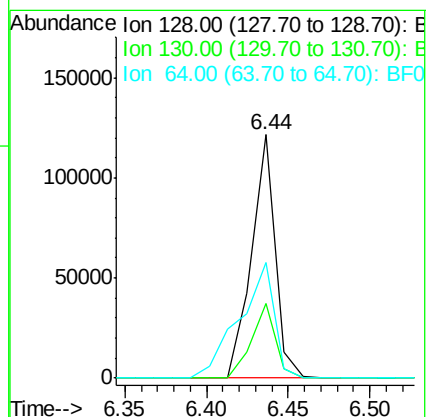
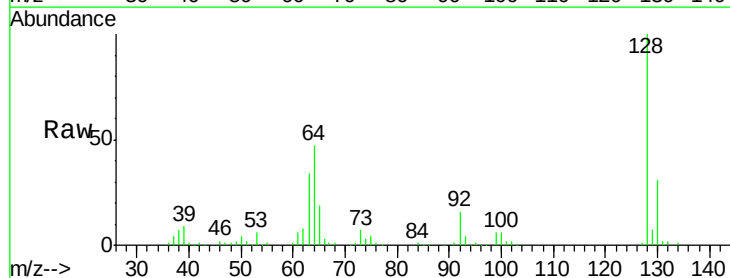
Tgt Ion: 128 Resp: 122138

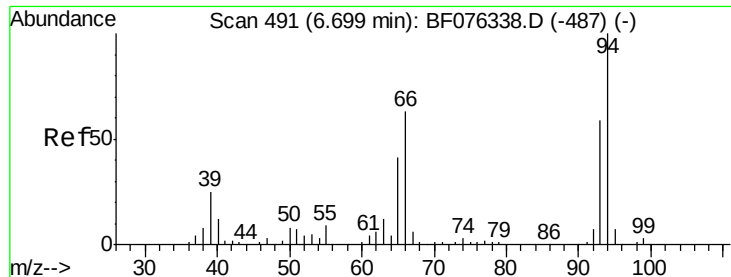
Ion Ratio Lower Upper

128 100

130 30.8 11.3 51.3

64 47.3 31.3 71.3





#10

Phenol

Concen: 36.59 ng

RT: 6.32 min Scan# 458

Delta R.T. -0.00 min

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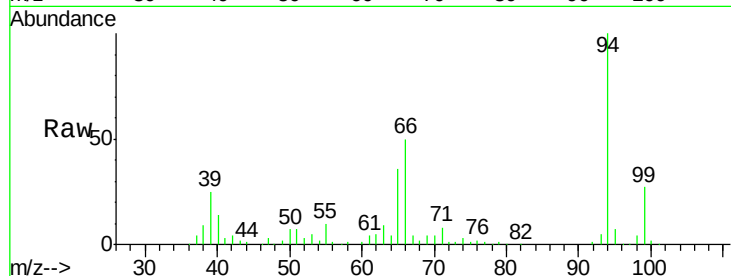
Tot Ion: 94 Resp: 150089

Ion Ratio Lower Upper

94 100

65 35.9 21.5 61.5

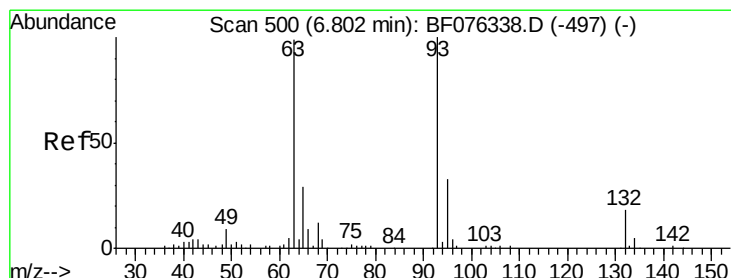
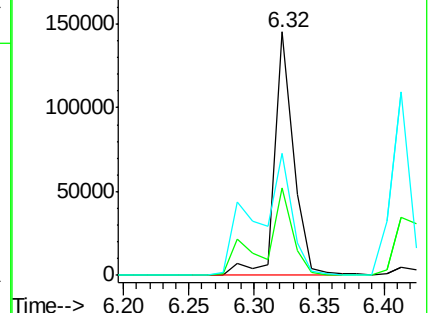
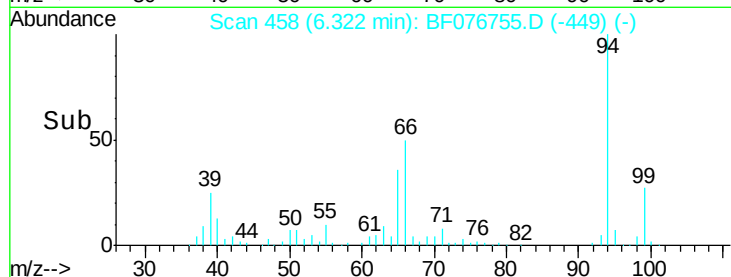
66 50.3 42.9 82.9



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: 40.14 ng

RT: 6.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

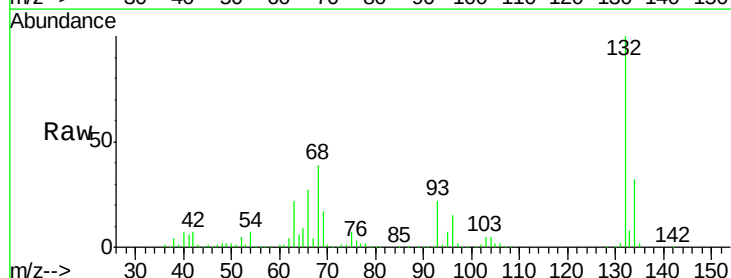
Tgt Ion: 93 Resp: 118541

Ion Ratio Lower Upper

93 100

63 102.9 79.1 119.1

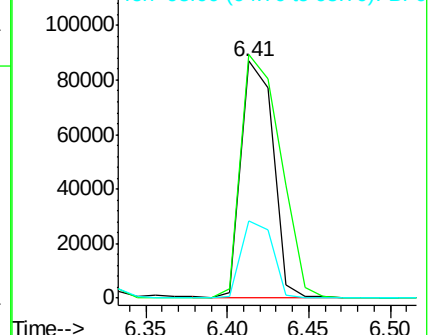
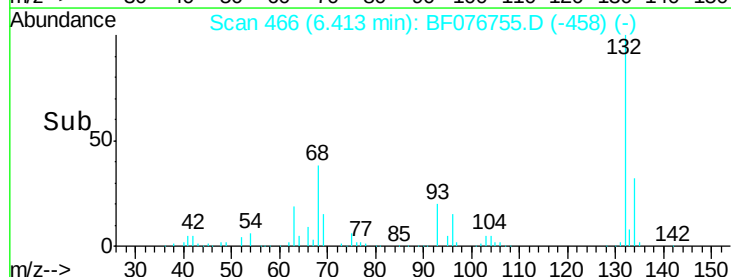
95 32.4 12.6 52.6

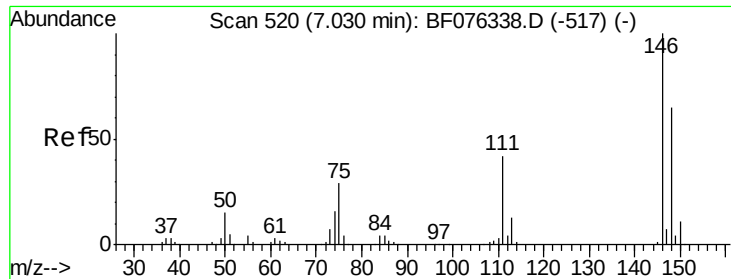


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

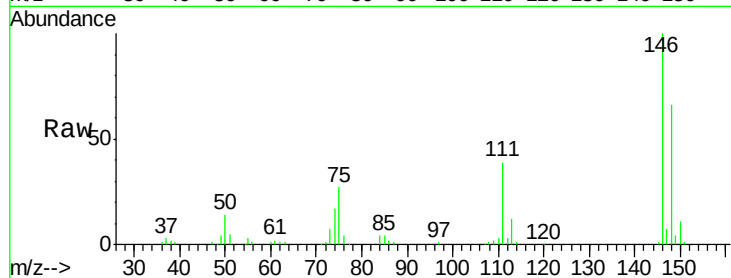




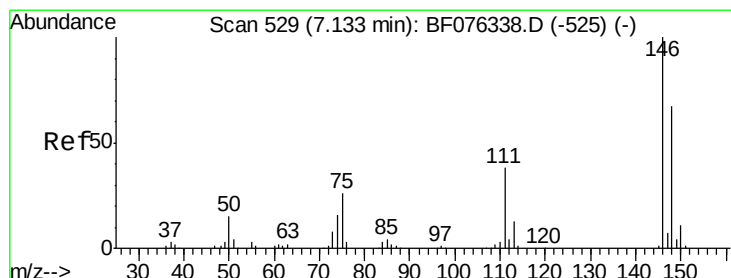
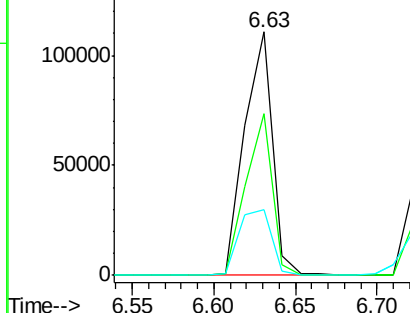
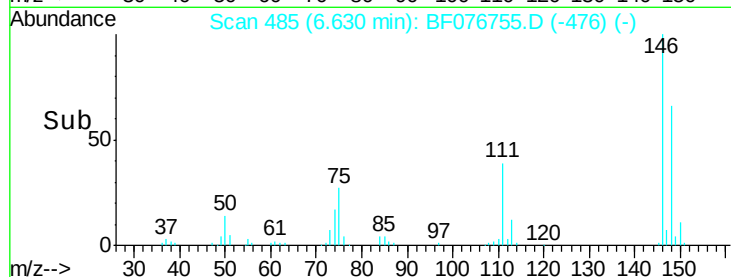
#12
 1,3-Dichlorobenzene
 Concen: 35.37 ng
 RT: 6.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.2	78.2
75	27.0	23.0	34.4

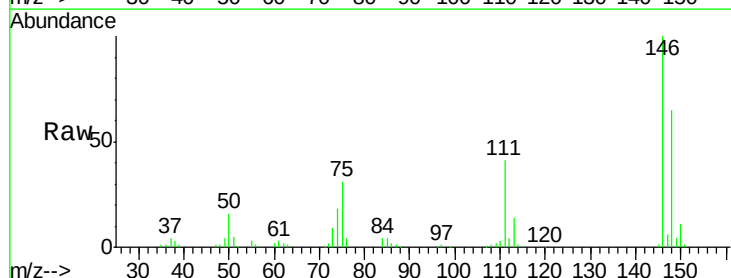


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

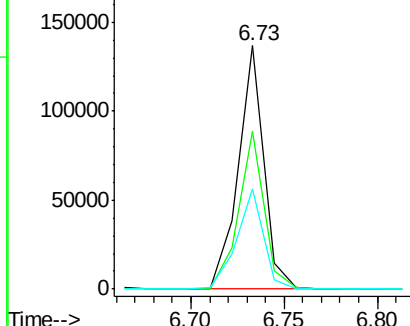
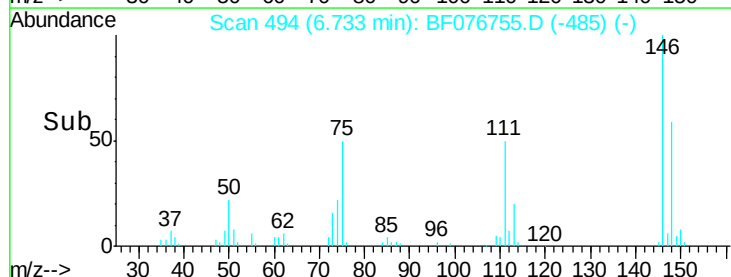


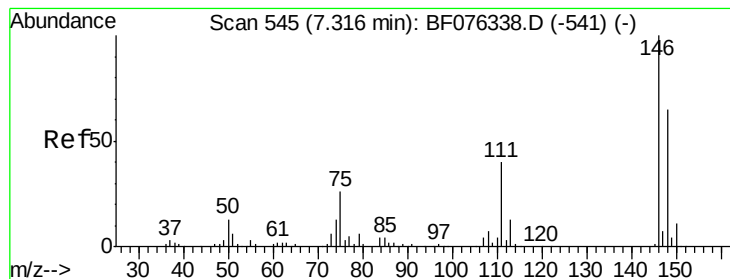
#13
 1,4-Dichlorobenzene
 Concen: 35.22 ng
 RT: 6.73 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.2	79.8
111	41.2	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: 37.22 ng

RT: 6.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

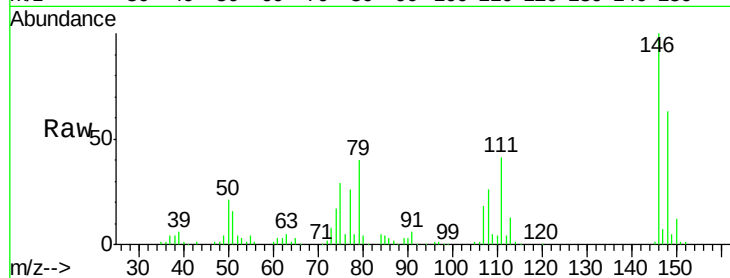
Tot Ion:146 Resp: 131540

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

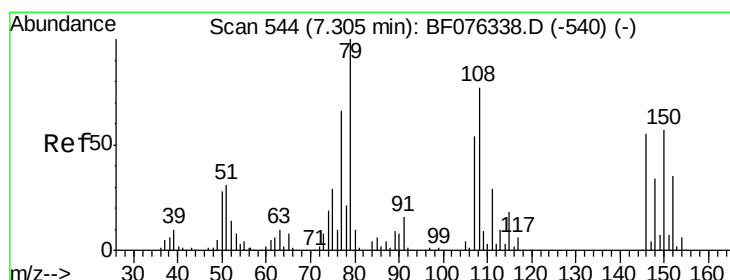
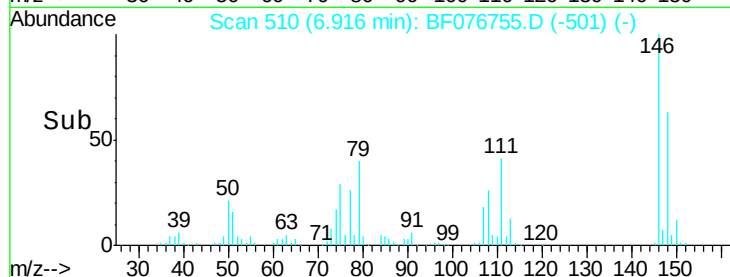
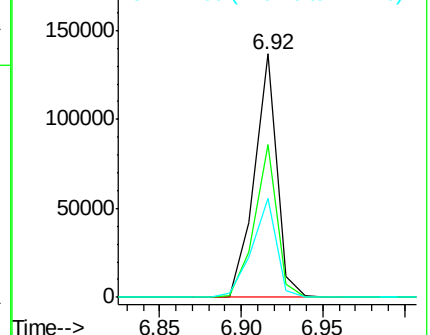
111 40.6 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 38.43 ng

RT: 6.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

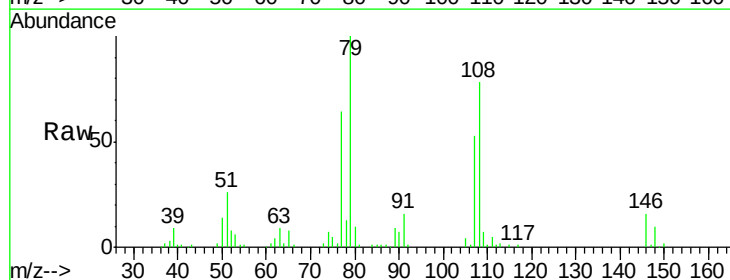
Tgt Ion: 79 Resp: 112473

Ion Ratio Lower Upper

79 100

108 78.0 62.0 93.0

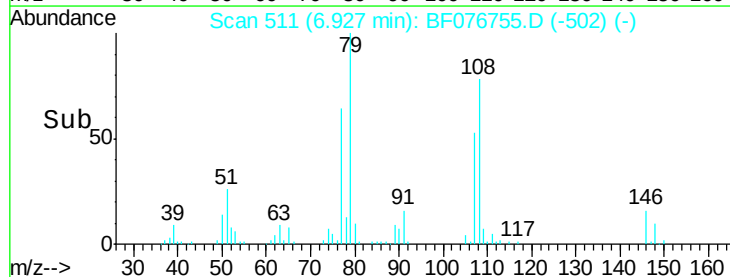
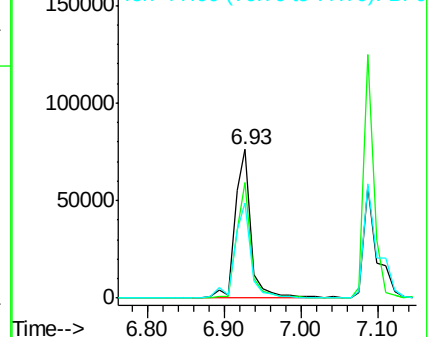
77 64.5 53.0 79.6

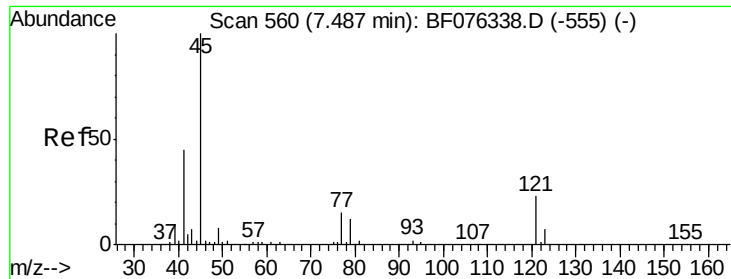


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

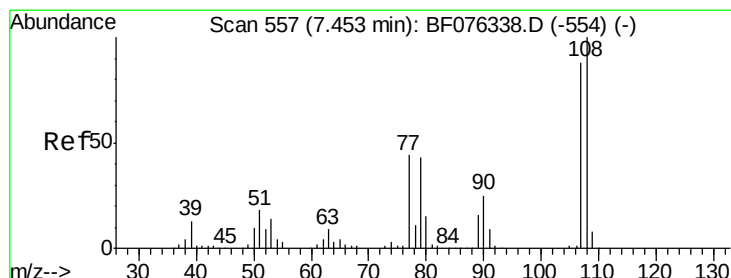
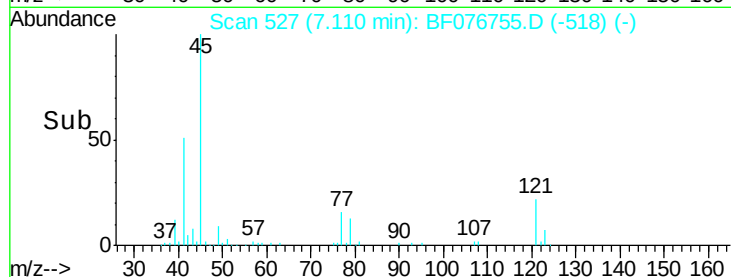
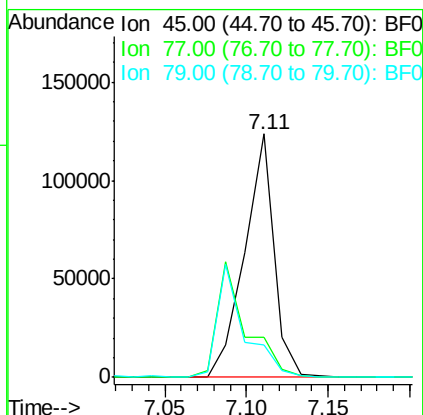
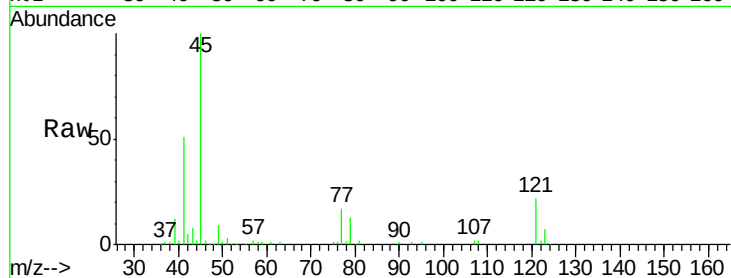




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.24 ng
RT: 7.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

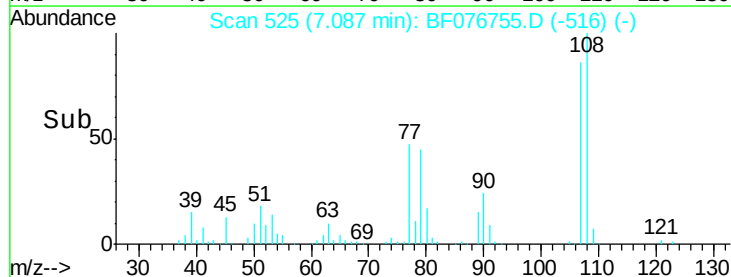
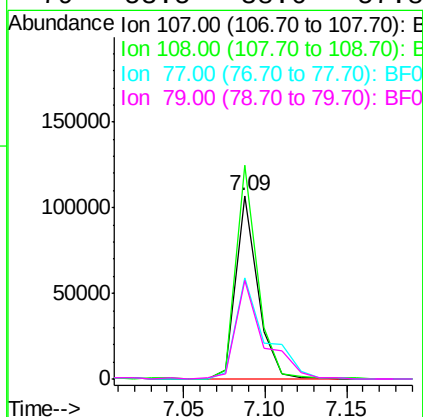
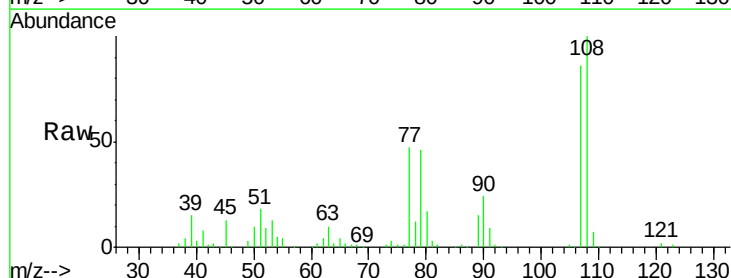
Instrument :
BNA_F
ClientSampleId :
PB81192BSD

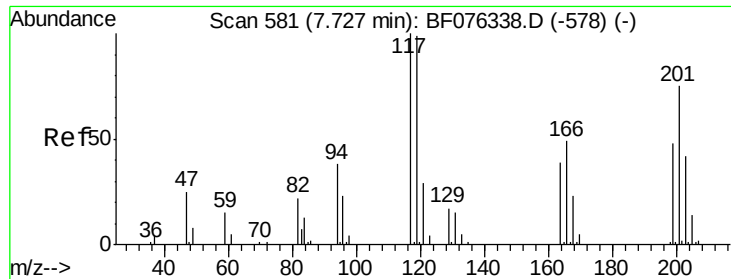
Tot Ion: 45 Resp: 155009
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.5
79 13.5 0.0 32.3



#17
2-Methylphenol
Concen: 38.18 ng
RT: 7.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion: 107 Resp: 99427
Ion Ratio Lower Upper
107 100
108 116.4 90.6 135.8
77 54.9 40.1 60.1
79 53.5 38.6 57.8





#18

Hexachloroethane

Concen: 37.86 ng

RT: 7.34 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

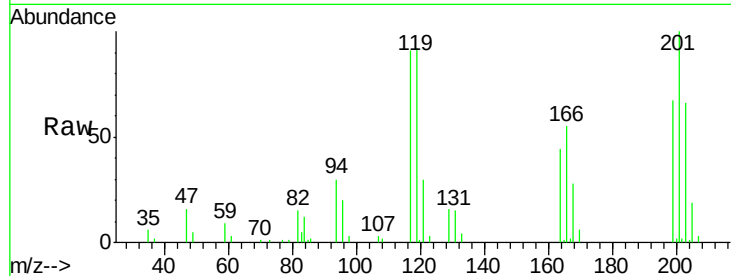
Tot Ion:117 Resp: 50425

Ion Ratio Lower Upper

117 100

119 100.4 79.3 118.9

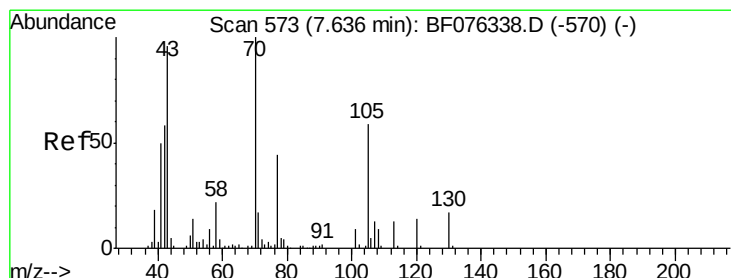
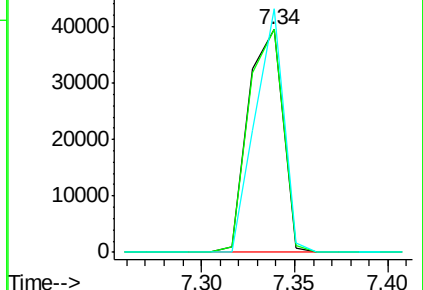
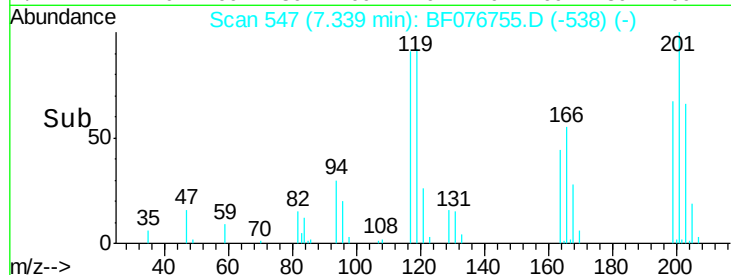
201 109.4 59.7 89.5#



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: 36.12 ng

RT: 7.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Tgt Ion: 70 Resp: 89159

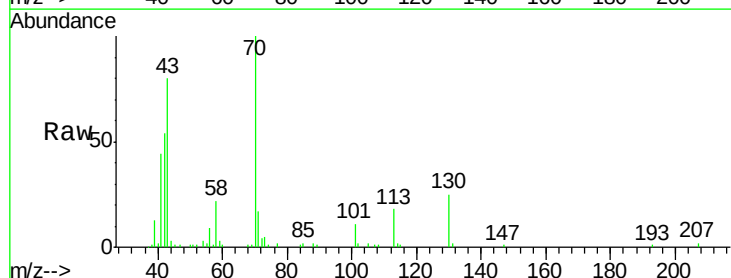
Ion Ratio Lower Upper

70 100

42 54.4 46.6 70.0

101 11.4 7.0 10.6#

130 25.1 14.0 21.0#

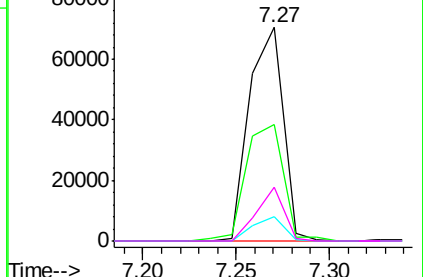
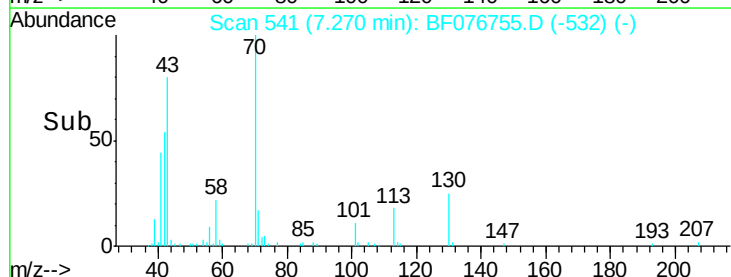


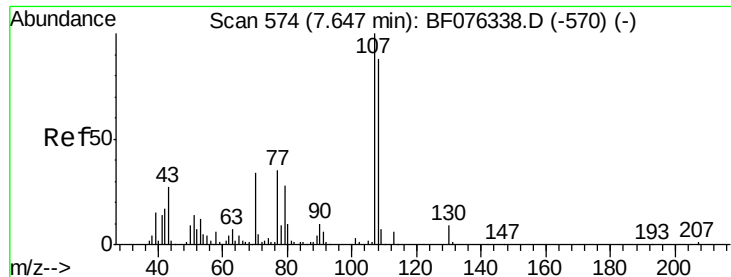
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

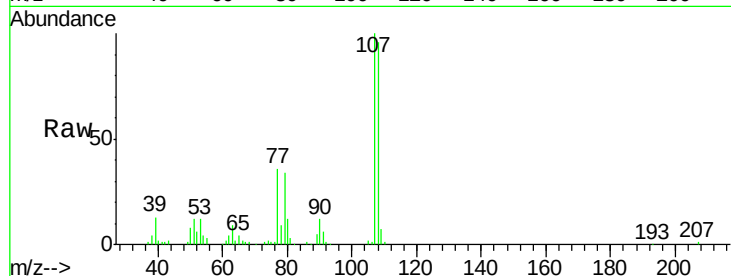




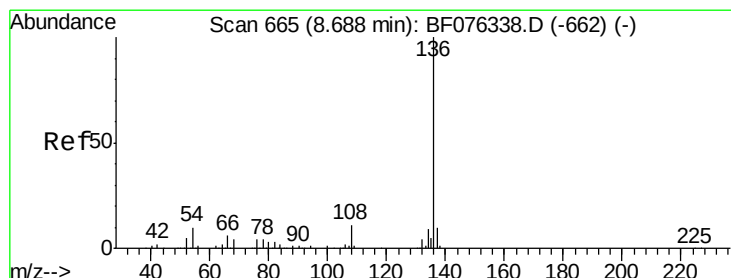
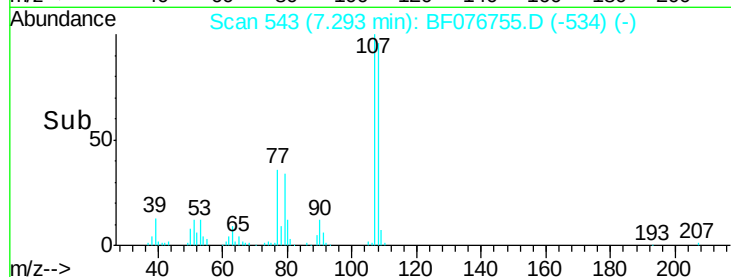
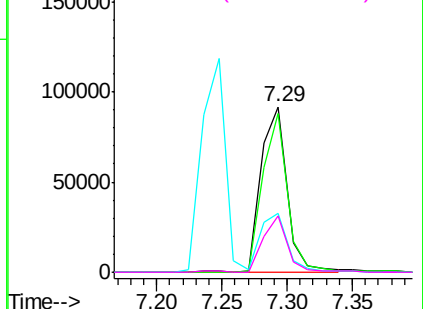
#20
3+4-Methylphenols
Concen: 36.91 ng
RT: 7.29 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:	107	Resp:	129802
Ion	Ratio	Lower	Upper
107	100		
108	96.2	67.5	107.5
77	35.8	15.2	55.2
79	34.0	8.3	48.3

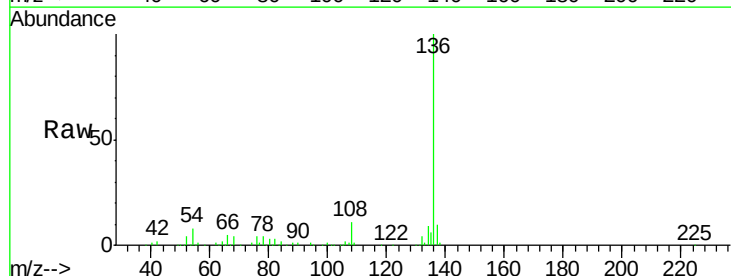


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

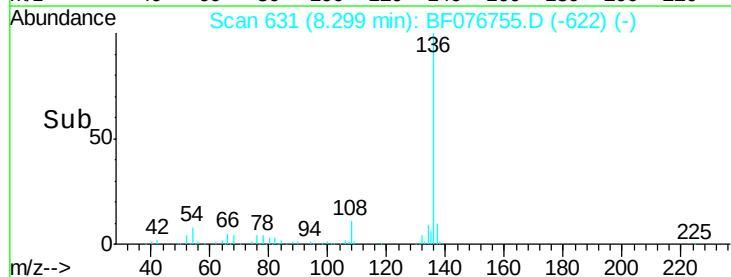
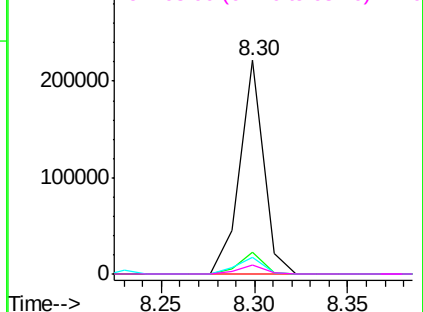


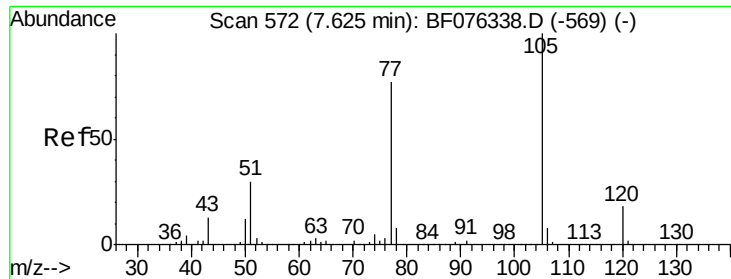
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:	136	Resp:	197894
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.4	12.6
54	7.6	7.8	11.6#
68	4.1	3.4	5.2



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

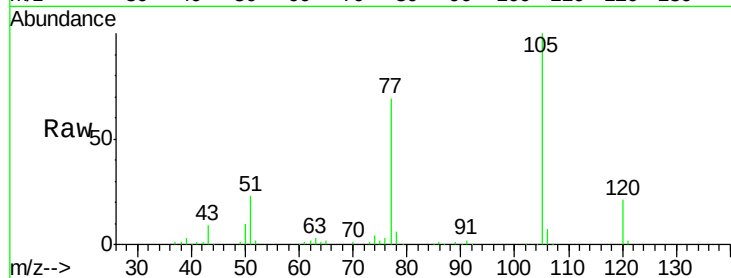




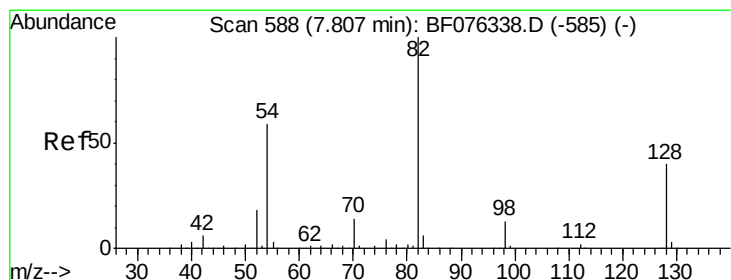
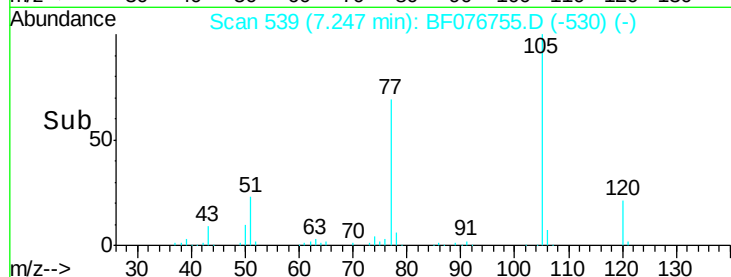
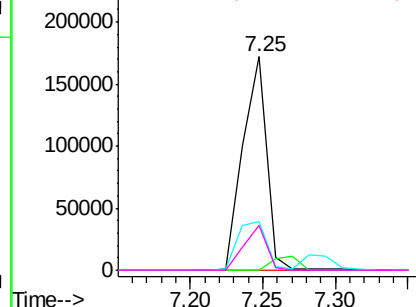
#22
Acetophenone
Concen: 41.63 ng
RT: 7.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:105 Resp: 197435
Ion Ratio Lower Upper
105 100
71 0.0 0.3 0.5#
51 23.0 23.8 35.8#
120 21.1 14.6 22.0

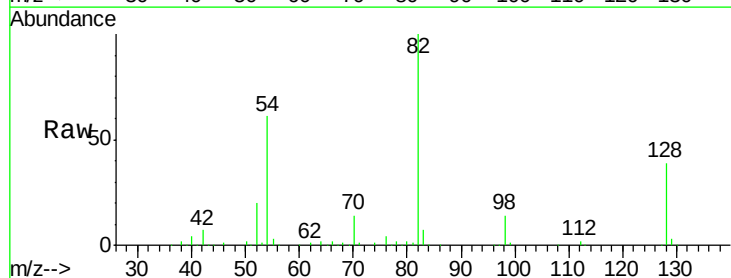


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

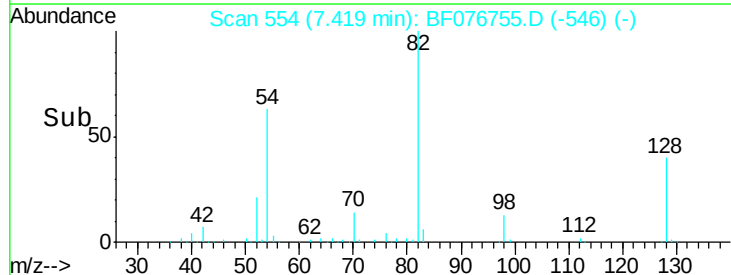
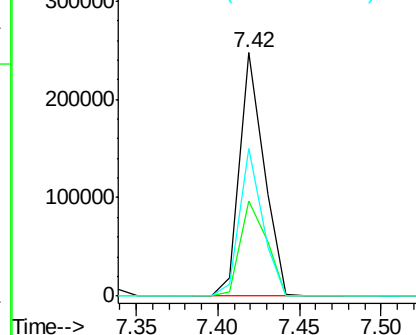


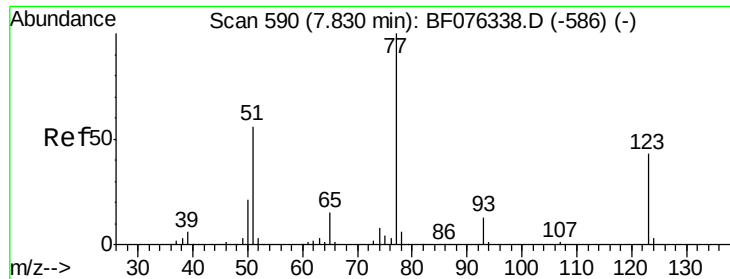
#23
Nitrobenzene-d5
Concen: 76.24 ng
RT: 7.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion: 82 Resp: 253683
Ion Ratio Lower Upper
82 100
128 38.8 31.9 47.9
54 60.8 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: 39.35 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

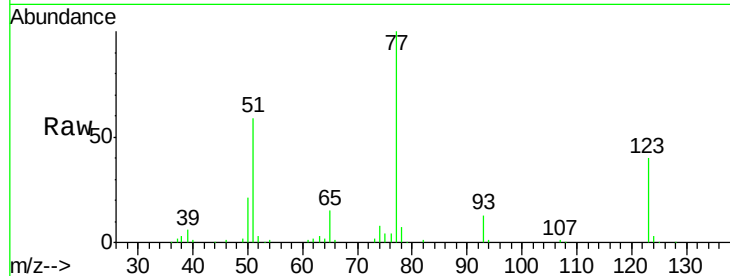
Tot Ion: 77 Resp: 135779

Ion Ratio Lower Upper

77 100

123 40.0 34.3 51.5

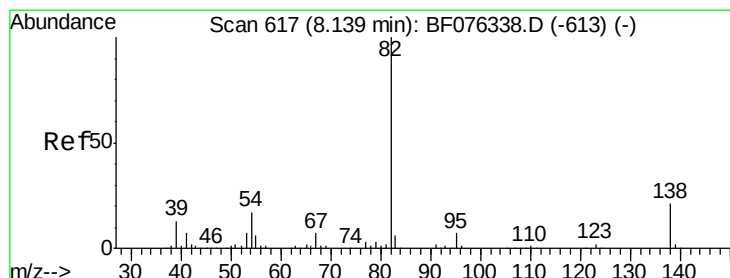
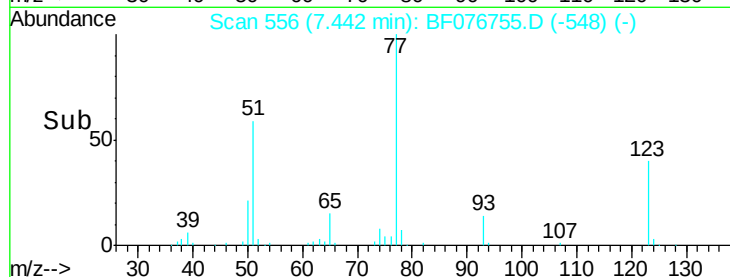
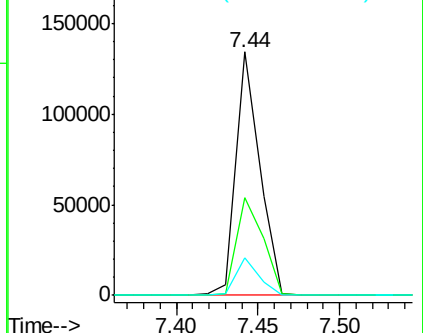
65 15.4 12.2 18.2



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: 39.19 ng

RT: 7.75 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

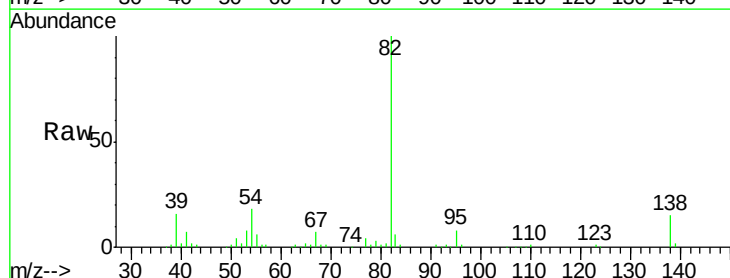
Tgt Ion: 82 Resp: 251373

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

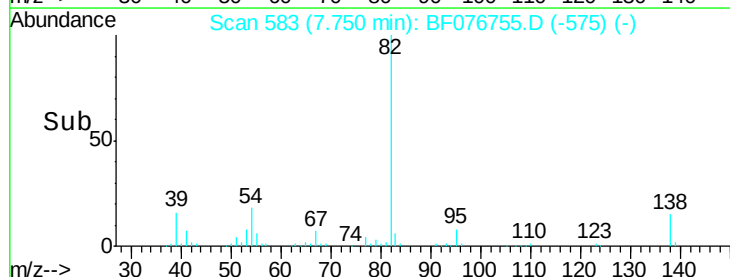
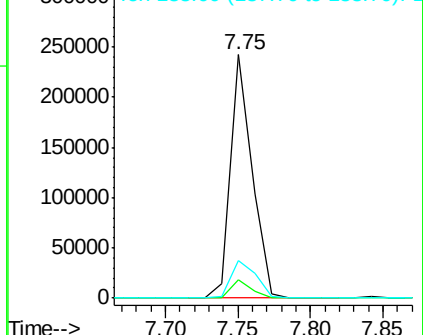
138 15.4 16.6 25.0#

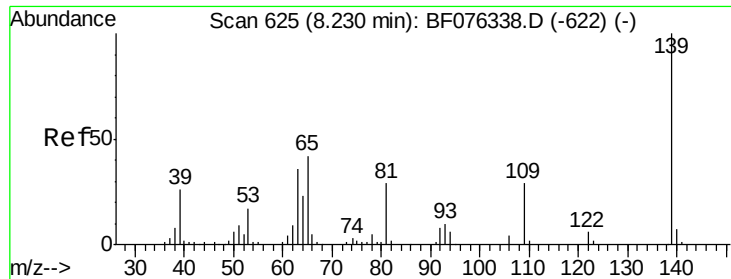


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

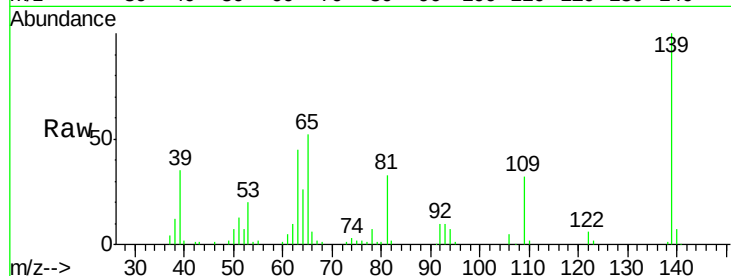




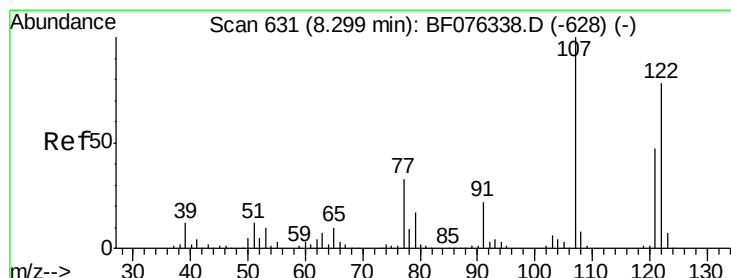
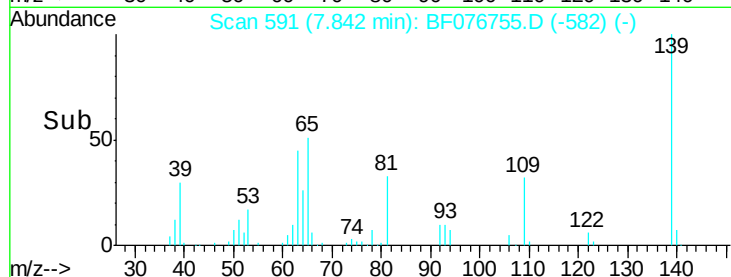
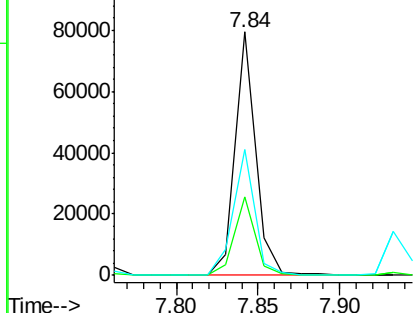
#26
2-Nitrophenol
Concen: 40.96 ng
RT: 7.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:139 Resp: 69008
Ion Ratio Lower Upper
139 100
109 32.1 22.9 34.3
65 51.8 33.3 49.9#

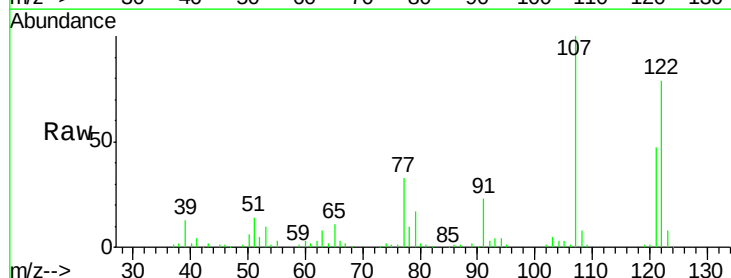


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

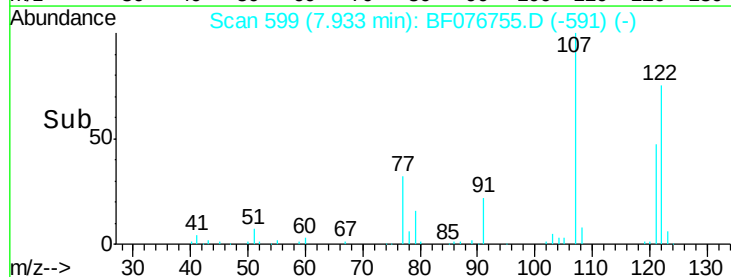
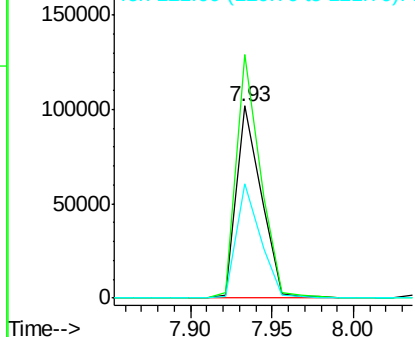


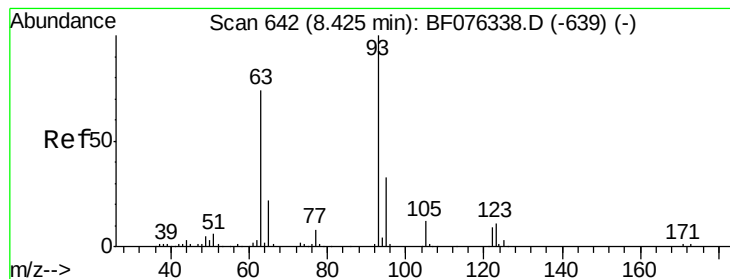
#27
2,4-Dimethylphenol
Concen: 39.12 ng
RT: 7.93 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:122 Resp: 106702
Ion Ratio Lower Upper
122 100
107 126.6 102.5 153.7
121 59.7 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: 42.06 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

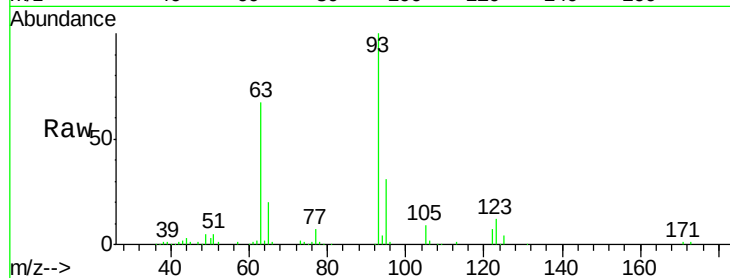
Tot Ion: 93 Resp: 158360

Ion Ratio Lower Upper

93 100

95 30.9 26.2 39.2

123 12.0 9.1 13.7

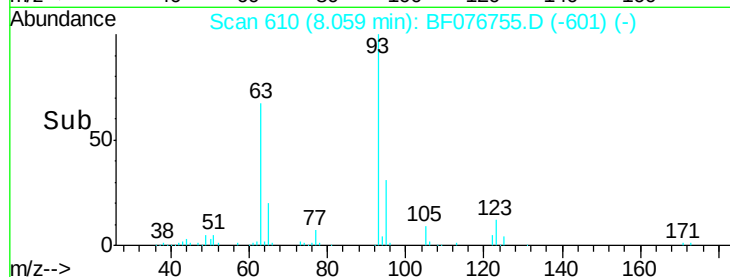


Abundance Ion 93.00 (92.70 to 93.70): BF076338.D (-639) (-)

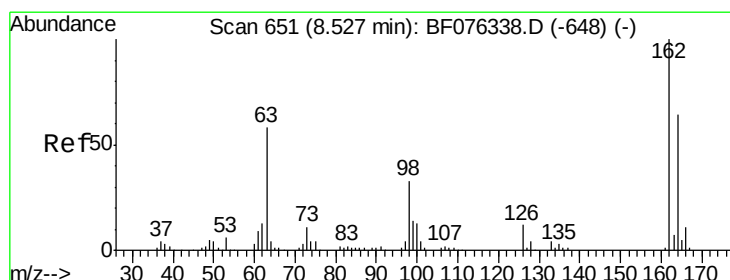
Ion 95.00 (94.70 to 95.70): BF076338.D (-639) (-)

Ion 123.00 (122.70 to 123.70): BF076338.D (-639) (-)

Time-->



Time-->



#29

2,4-Dichlorophenol

Concen: 39.14 ng

RT: 8.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

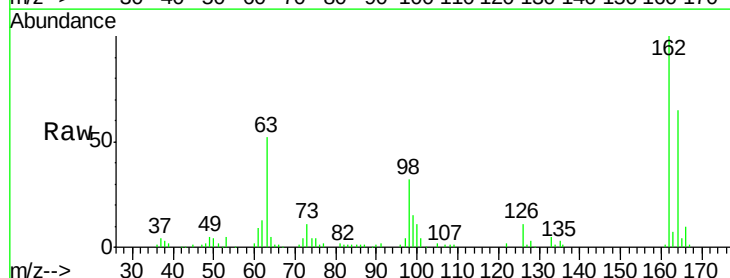
Tgt Ion: 162 Resp: 104905

Ion Ratio Lower Upper

162 100

164 65.3 44.0 84.0

98 32.1 13.4 53.4

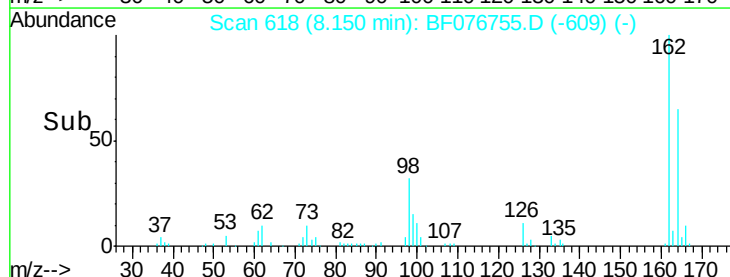


Abundance Ion 162.00 (161.70 to 162.70): BF076338.D (-648) (-)

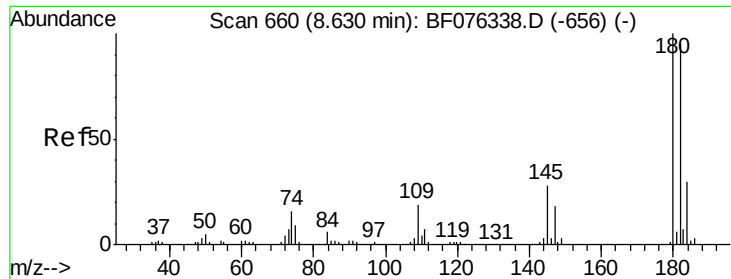
Ion 164.00 (163.70 to 164.70): BF076338.D (-648) (-)

Ion 98.00 (97.70 to 98.70): BF076338.D (-648) (-)

Time-->



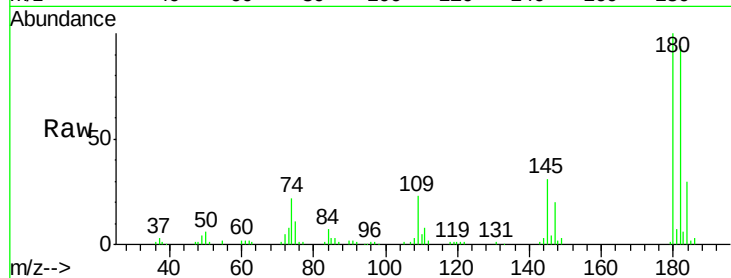
Time-->



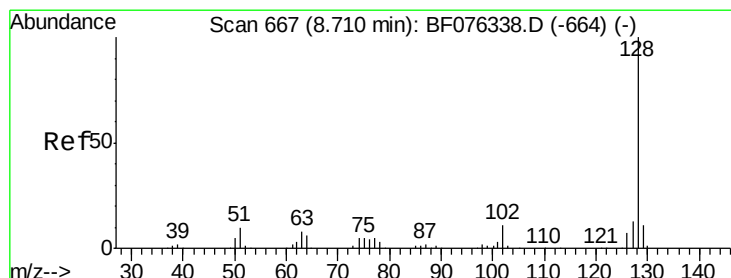
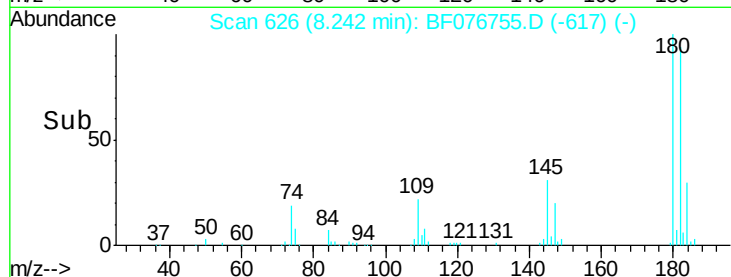
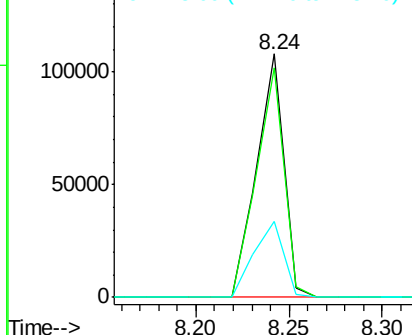
#30
1,2,4-Trichlorobenzene
Concen: 37.70 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:180 Resp: 108934
Ion Ratio Lower Upper
180 100
182 94.0 75.8 113.6
145 31.4 22.4 33.6

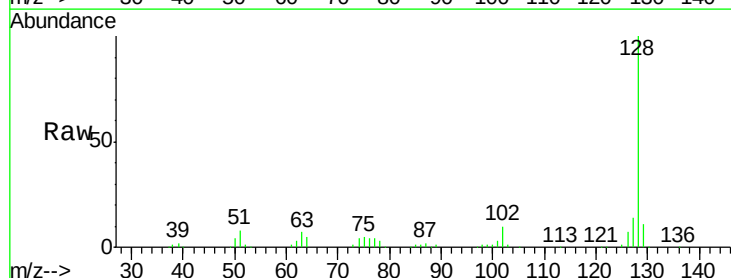


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

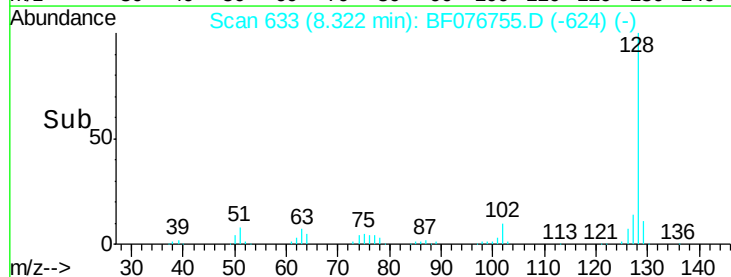
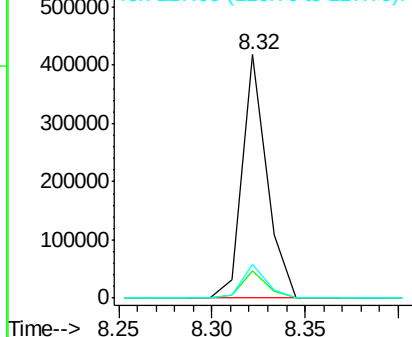


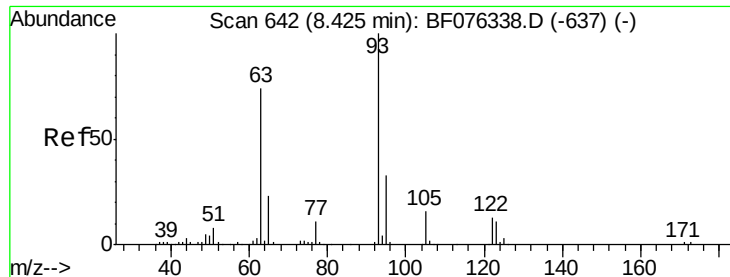
#31
Naphthalene
Concen: 39.25 ng
RT: 8.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:128 Resp: 384771
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.7 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: 41.12 ng

RT: 8.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

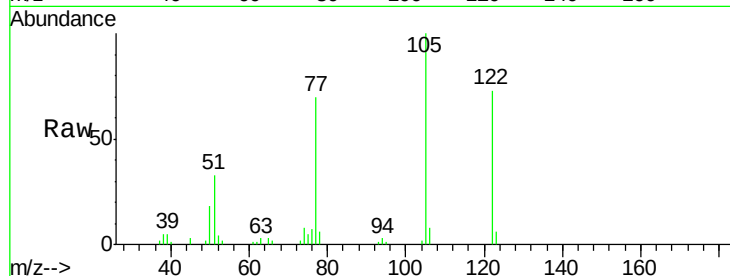
Tot Ion:122 Resp: 66193

Ion Ratio Lower Upper

122 100

105 136.8 110.2 150.2

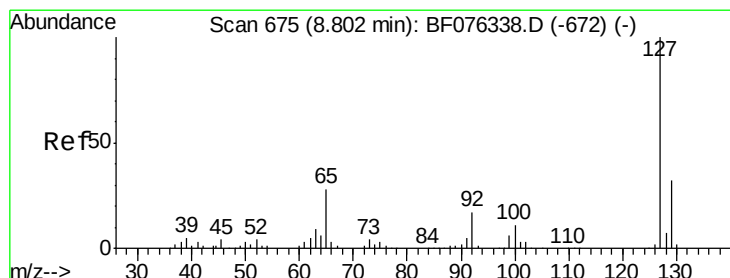
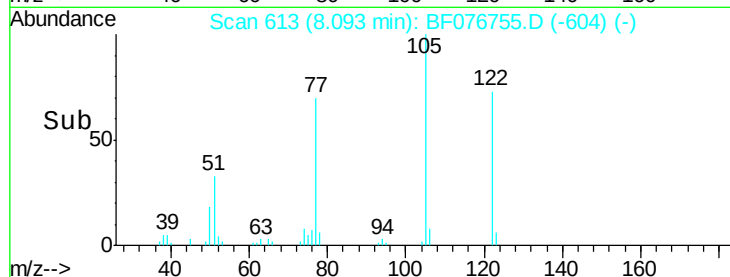
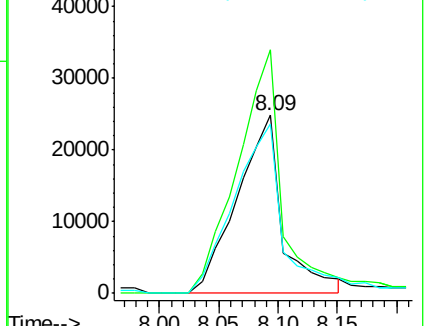
77 95.4 70.7 110.7



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: 24.75 ng

RT: 8.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Tgt Ion:127 Resp: 99033

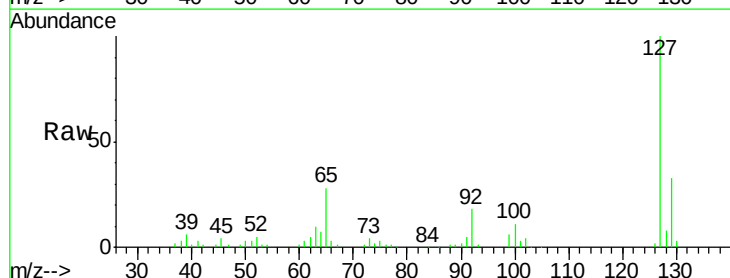
Ion Ratio Lower Upper

127 100

129 32.8 25.6 38.4

65 27.9 22.1 33.1

92 17.5 13.6 20.4

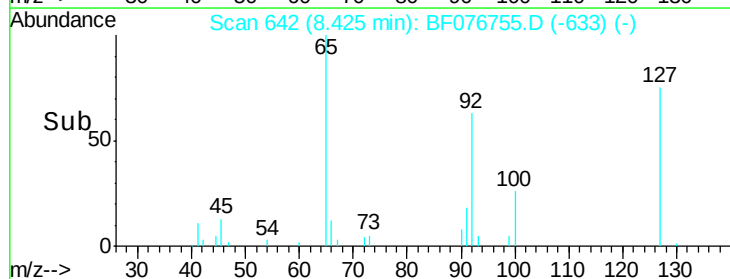
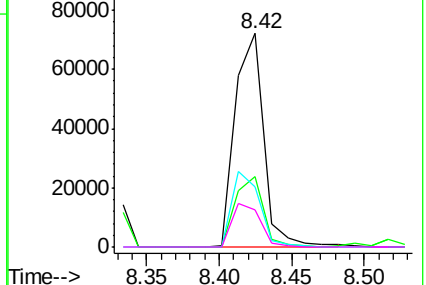


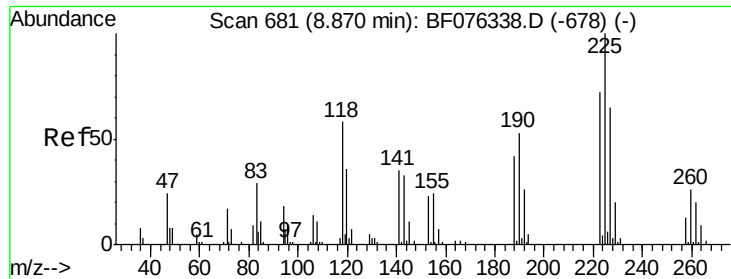
Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.04 ng

RT: 8.49 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

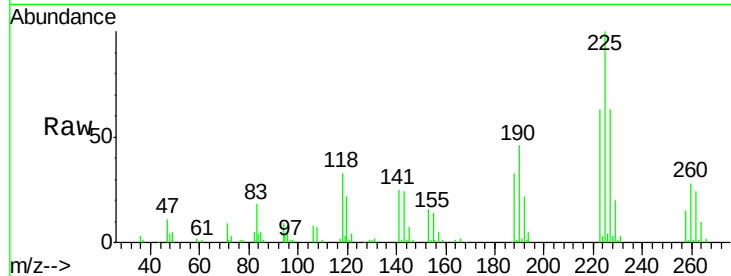
Tot Ion:225 Resp: 65584

Ion Ratio Lower Upper

225 100

223 63.0 57.3 85.9

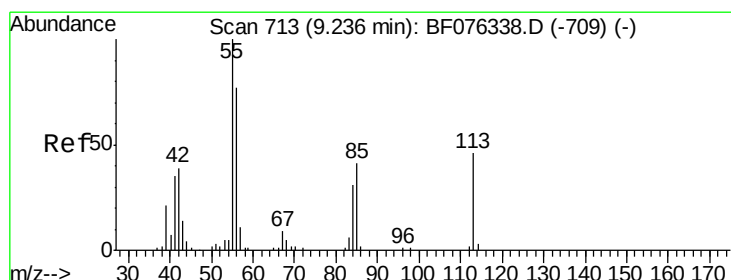
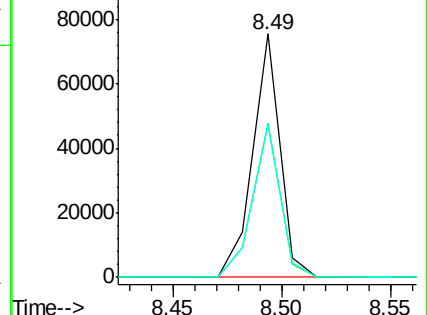
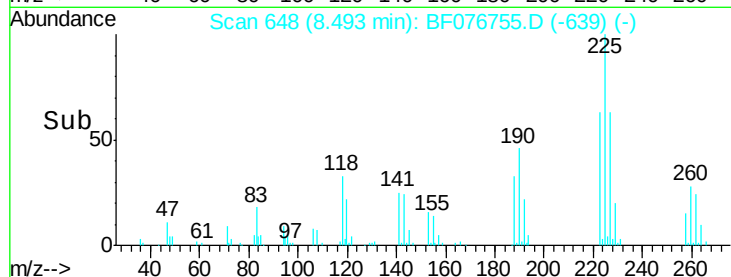
227 62.6 52.3 78.5



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: 42.94 ng

RT: 8.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

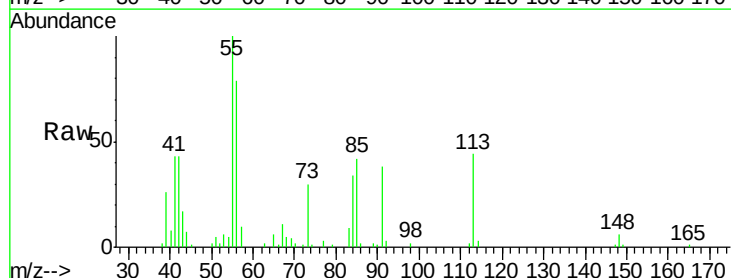
Tgt Ion:113 Resp: 33182

Ion Ratio Lower Upper

113 100

55 224.8 199.5 239.5

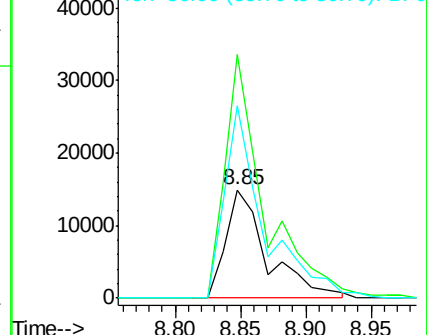
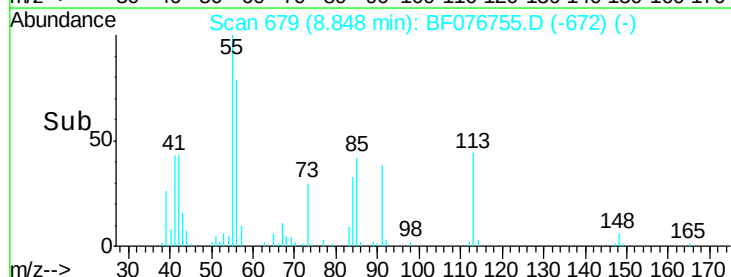
56 178.1 148.4 188.4

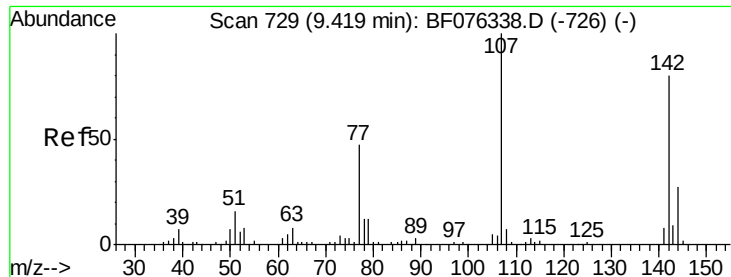


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

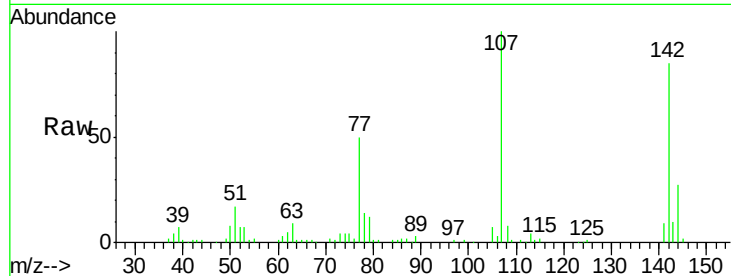




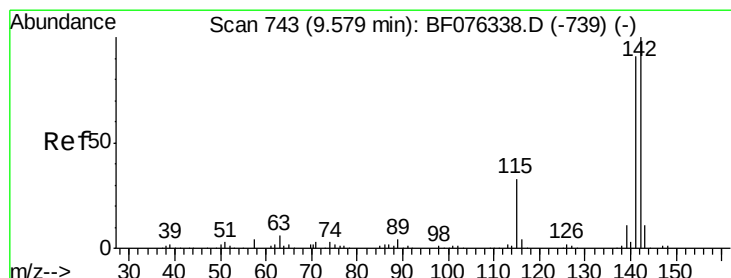
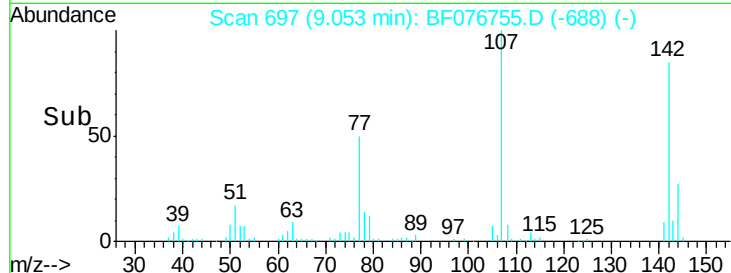
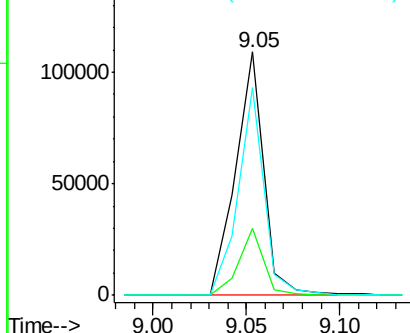
#36
 4-Chloro-3-methylphenol
 Concen: 38.70 ng
 RT: 9.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

Tot Ion:107 Resp: 115441
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.8 32.6
 142 85.3 64.4 96.6

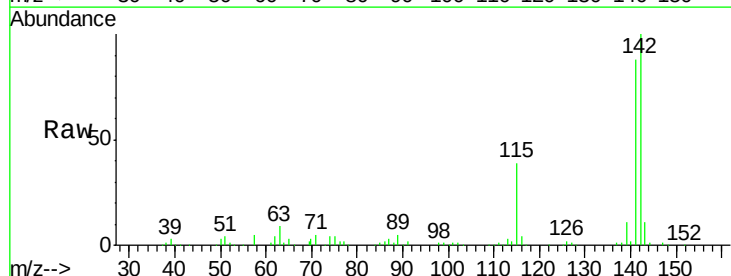


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

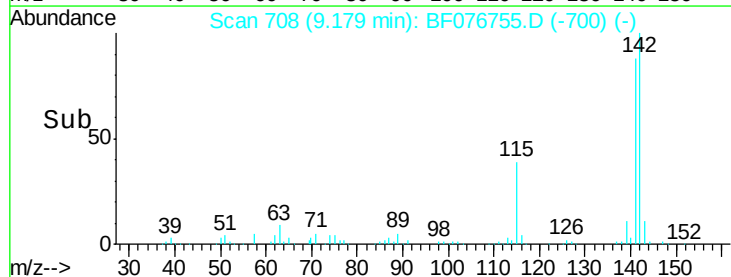
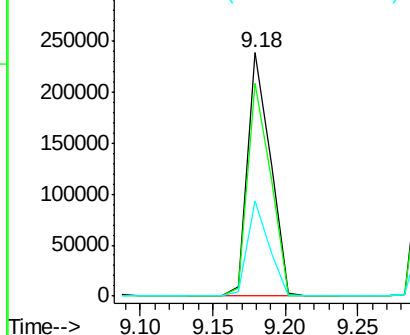


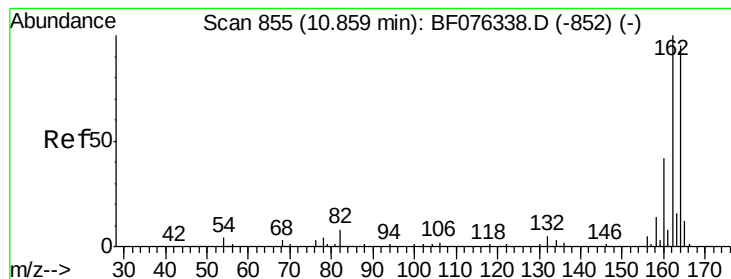
#37
 2-Methylnaphthalene
 Concen: 38.04 ng
 RT: 9.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion:142 Resp: 260162
 Ion Ratio Lower Upper
 142 100
 141 87.5 72.4 108.6
 115 39.2 26.5 39.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampled :

PB81192BSD

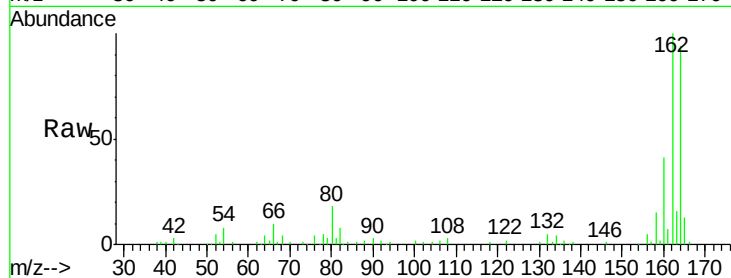
Tot Ion:164 Resp: 107892

Ion Ratio Lower Upper

164 100

162 106.0 84.2 126.2

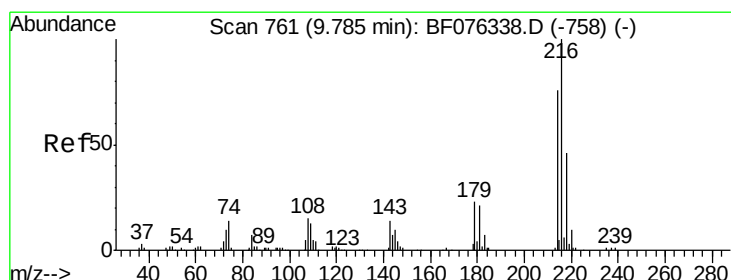
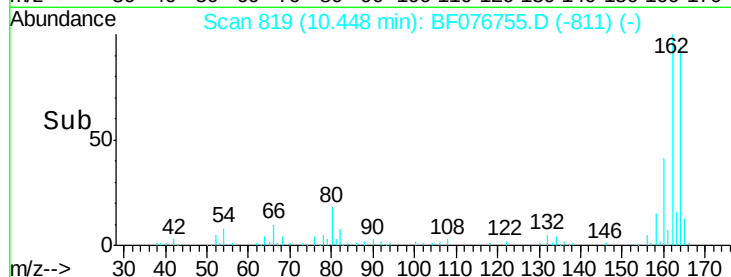
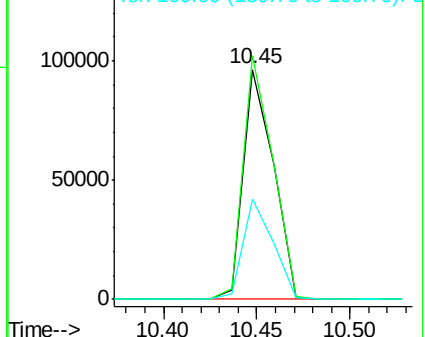
160 43.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.91 ng

RT: 9.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Tgt Ion:216 Resp: 111241

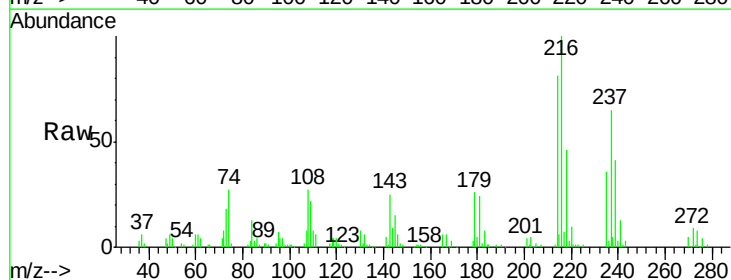
Ion Ratio Lower Upper

216 100

214 79.1 48.7 73.1#

179 22.9 14.5 21.7#

108 24.2 0.0 0.0#

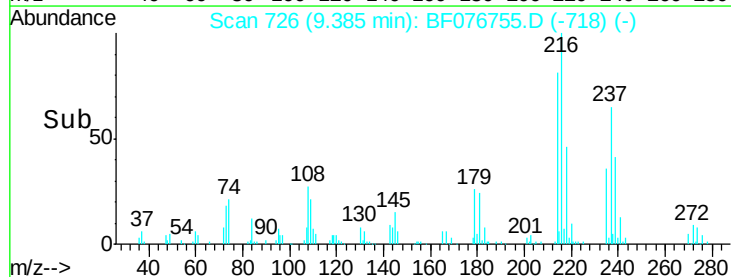
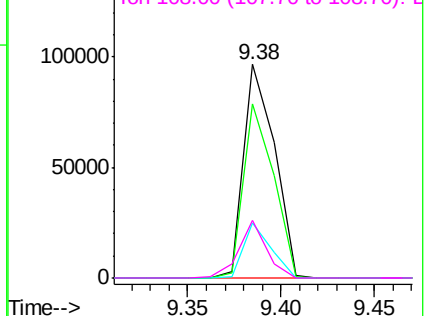


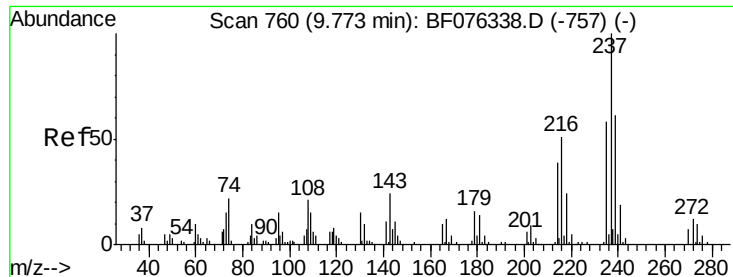
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

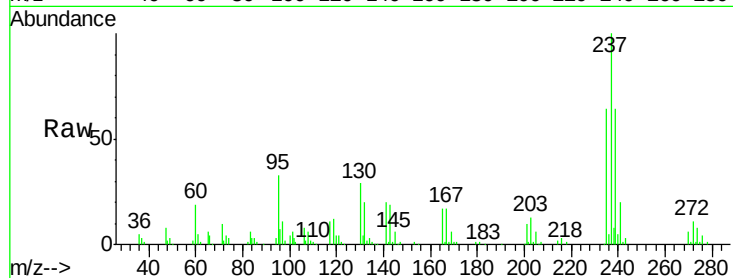




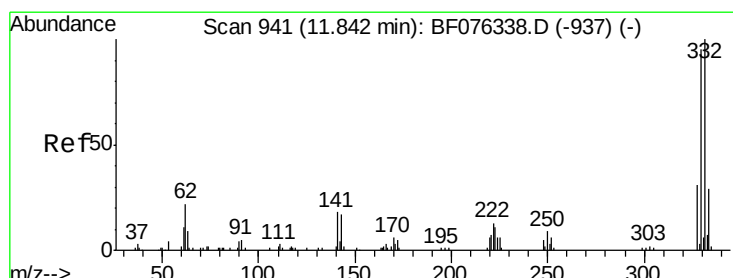
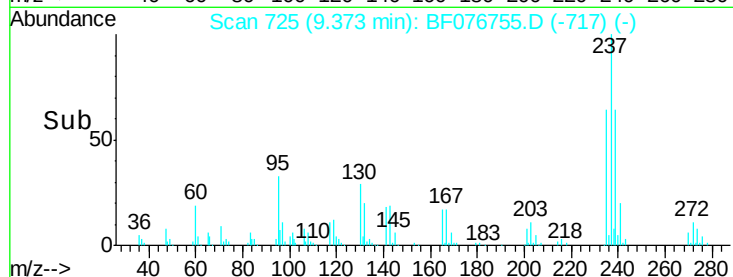
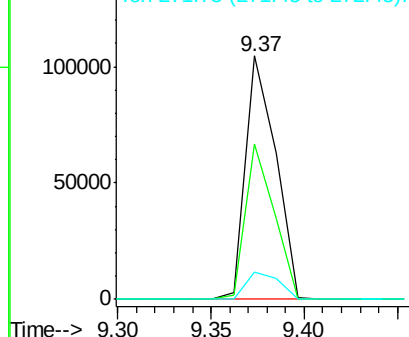
#40
Hexachlorocyclopentadiene
Concen: 76.64 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:237 Resp: 117282
Ion Ratio Lower Upper
237 100
235 64.0 38.5 78.5
272 11.4 0.0 32.2

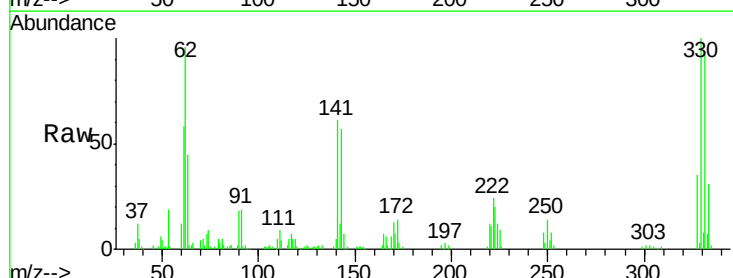


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

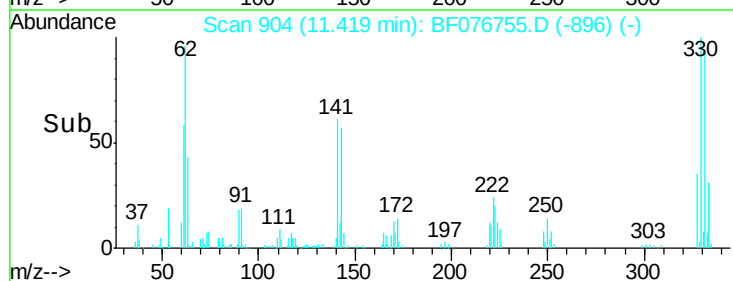
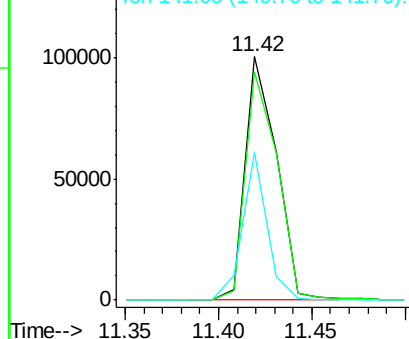


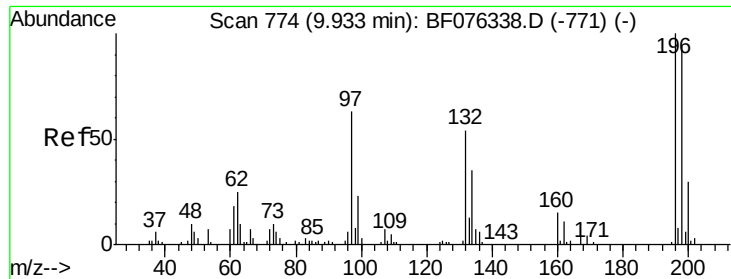
#41
2,4,6-Tribromophenol
Concen: 128.73 ng
RT: 11.42 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:330 Resp: 117391
Ion Ratio Lower Upper
330 100
332 95.8 0.0 0.0#
141 48.1 0.0 0.0#



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

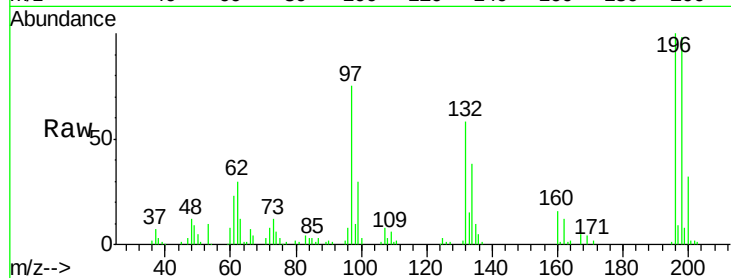




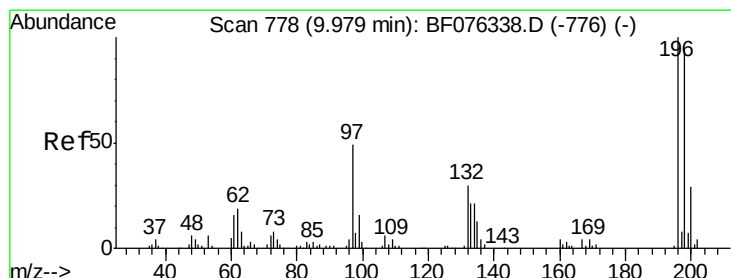
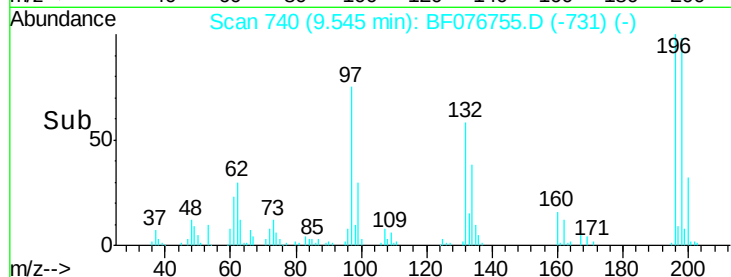
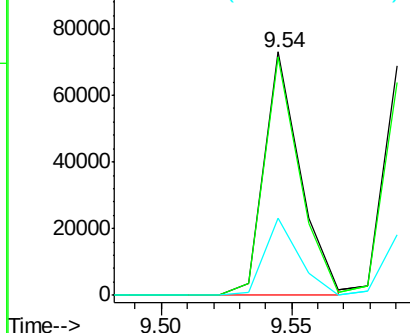
#42
 2,4,6-Trichlorophenol
 Concen: 36.21 ng
 RT: 9.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

Tot Ion:196 Resp: 69725
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.6 113.4
 200 31.7 24.0 36.0

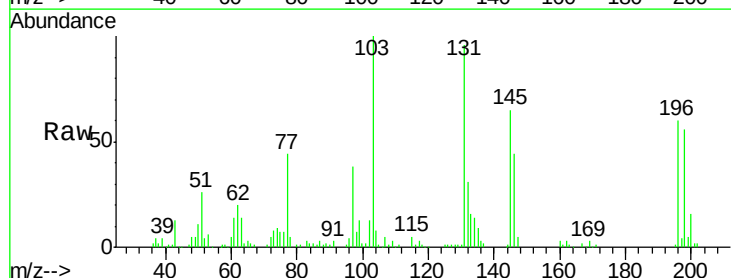


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

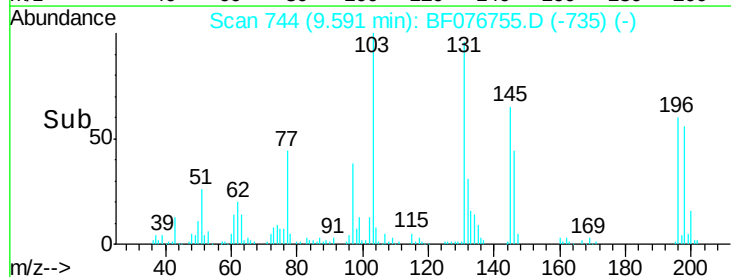
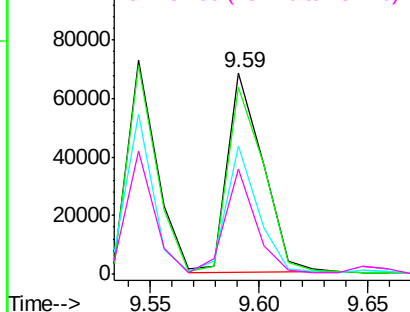


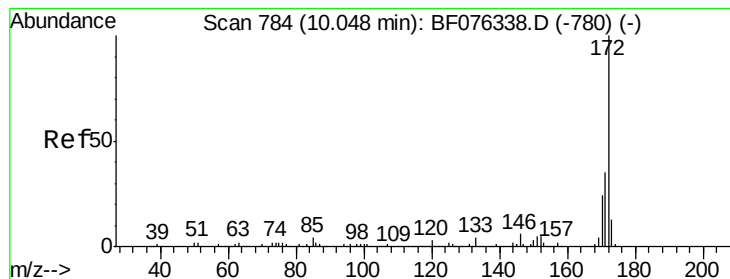
#43
 2,4,5-Trichlorophenol
 Concen: 37.27 ng
 RT: 9.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion:196 Resp: 77213
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.2 112.8
 97 63.6 39.0 58.4#
 132 52.0 24.4 36.6#



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





#44

2-Fluorobiphenyl

Concen: 78.61 ng

RT: 9.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

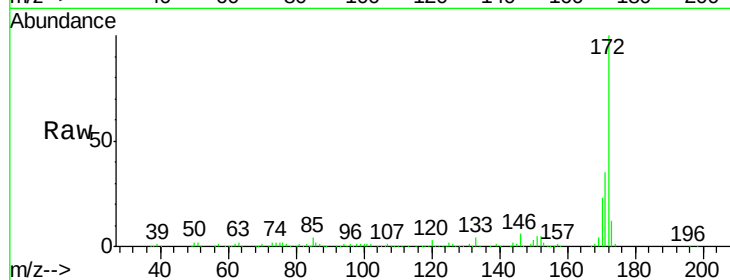
Tot Ion:172 Resp: 545023

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

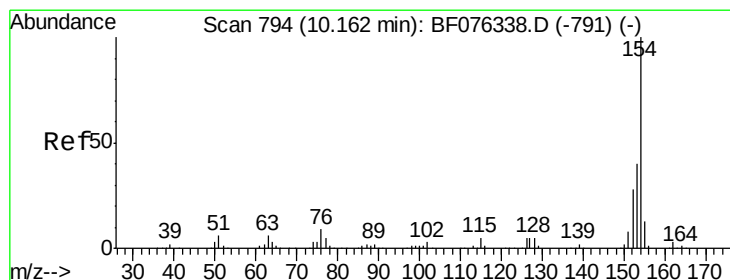
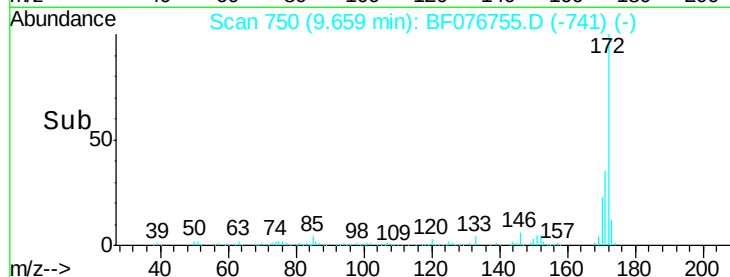
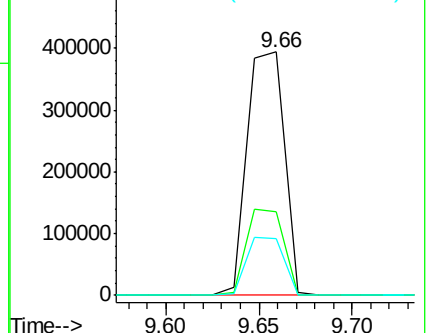
170 23.4 19.0 28.4



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: 41.96 ng

RT: 9.77 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

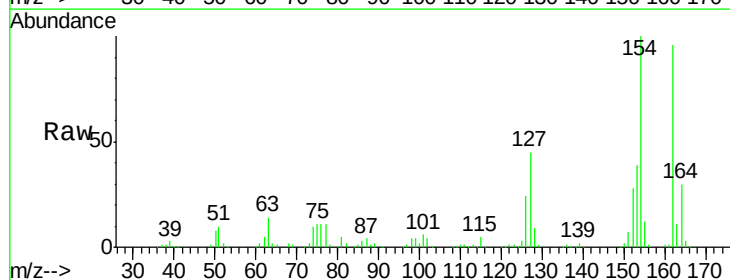
Tgt Ion:154 Resp: 336298

Ion Ratio Lower Upper

154 100

153 39.4 20.0 60.0

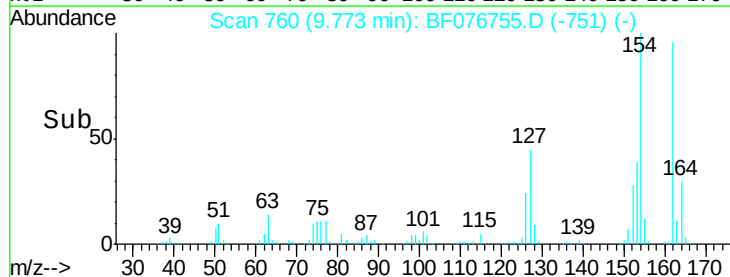
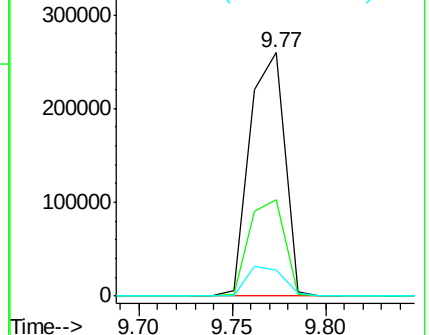
76 10.8 0.0 29.4

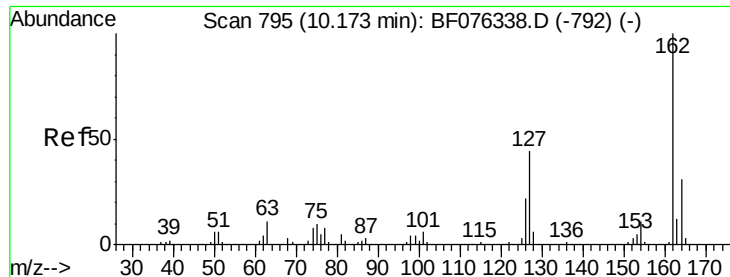


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

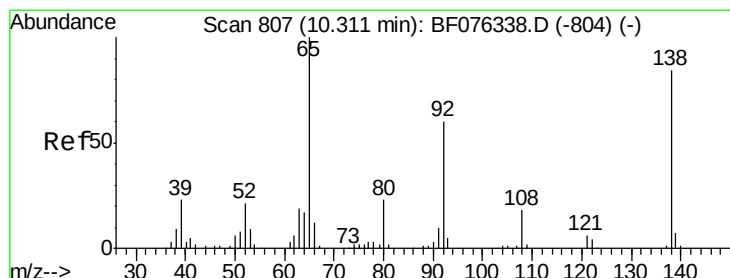
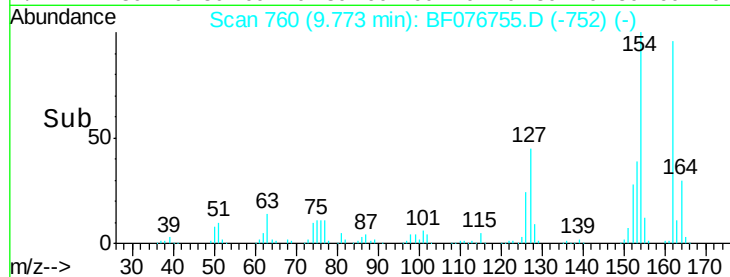
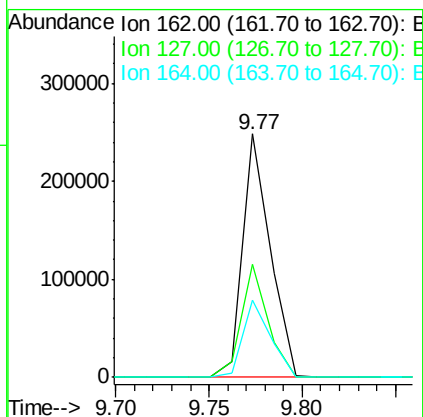
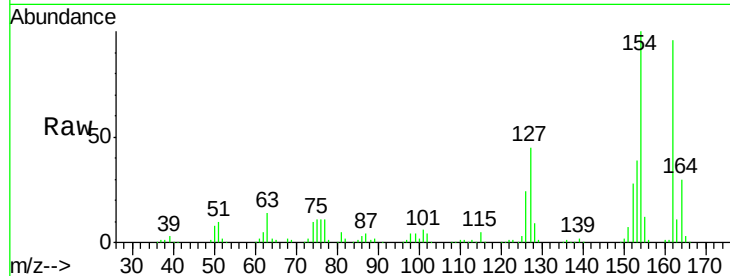




#46
 2-Chloronaphthalene
 Concen: 40.13 ng
 RT: 9.77 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

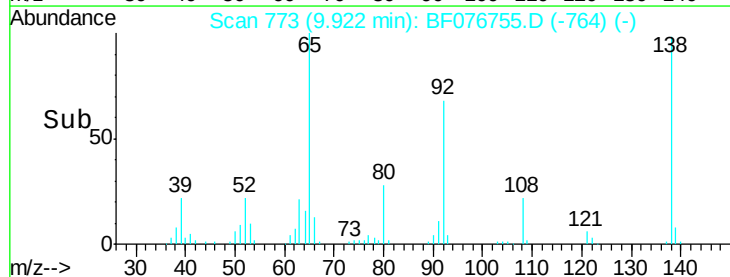
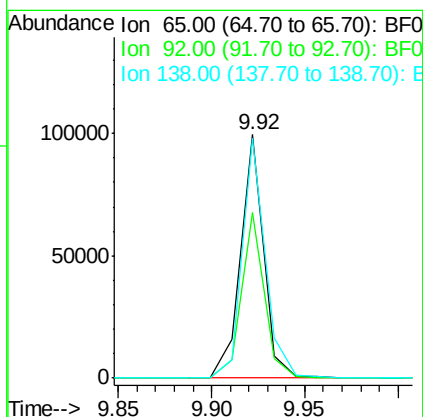
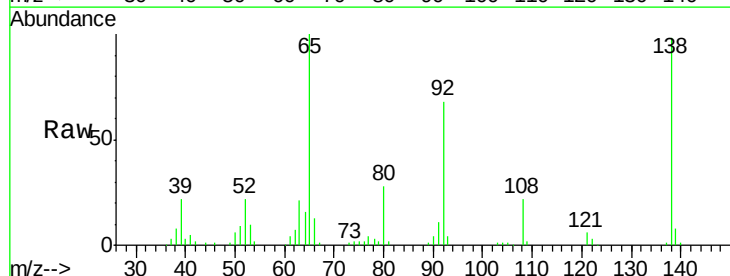
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

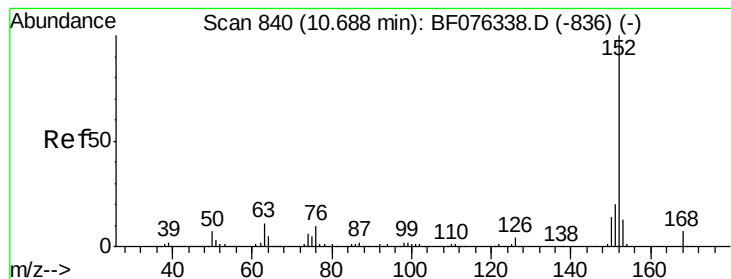
Tot Ion:162 Resp: 255075
 Ion Ratio Lower Upper
 162 100
 127 46.5 35.2 52.8
 164 31.6 24.6 36.8



#47
 2-Nitroaniline
 Concen: 44.71 ng
 RT: 9.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion: 65 Resp: 86461
 Ion Ratio Lower Upper
 65 100
 92 67.9 48.0 72.0
 138 98.3 67.0 100.6





#48

Acenaphthylene

Concen: 39.03 ng

RT: 10.28 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

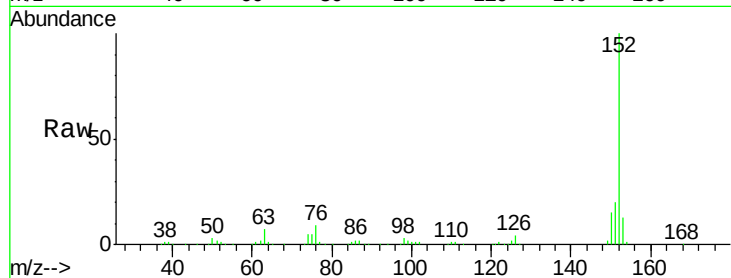
Tot Ion:152 Resp: 421980

Ion Ratio Lower Upper

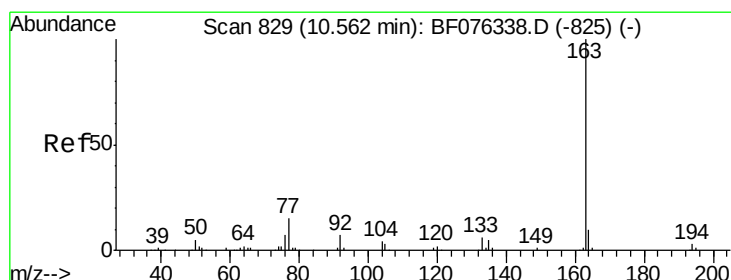
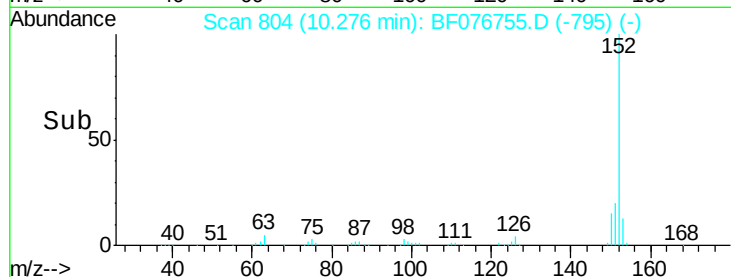
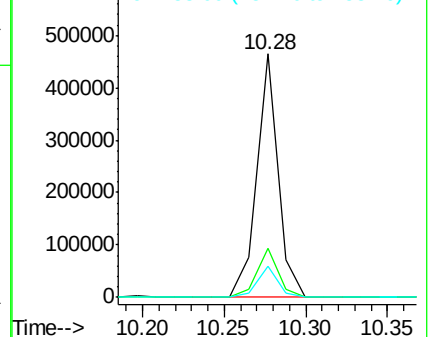
152 100

151 20.0 15.7 23.5

153 12.9 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: 41.10 ng

RT: 10.17 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

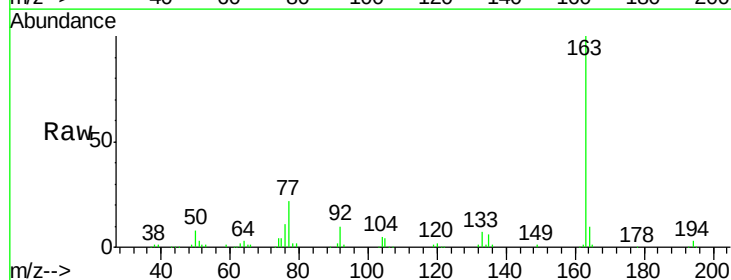
Tgt Ion:163 Resp: 313699

Ion Ratio Lower Upper

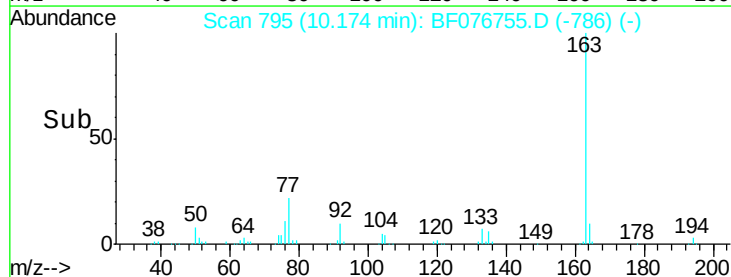
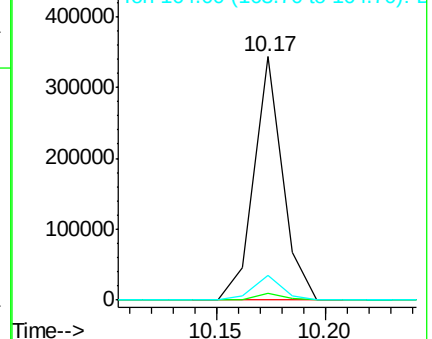
163 100

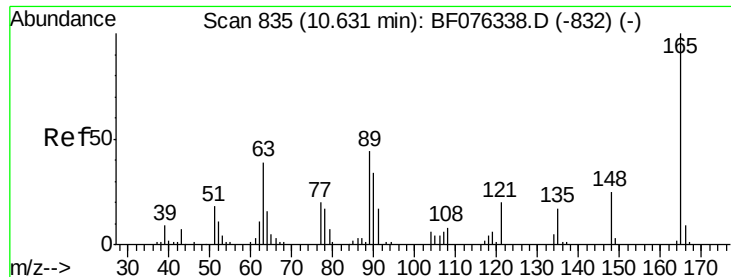
194 2.8 2.6 4.0

164 10.4 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

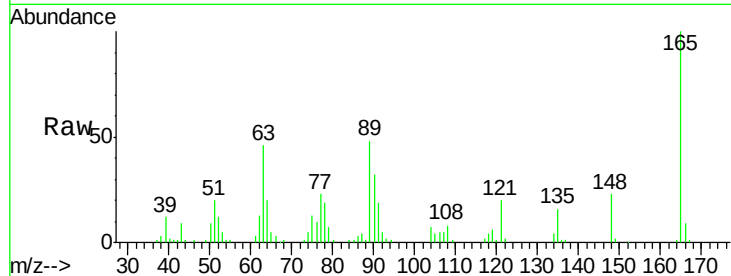




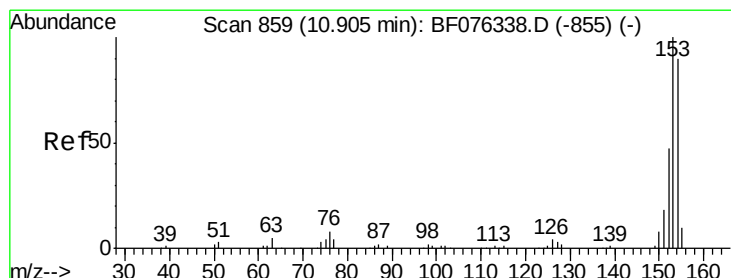
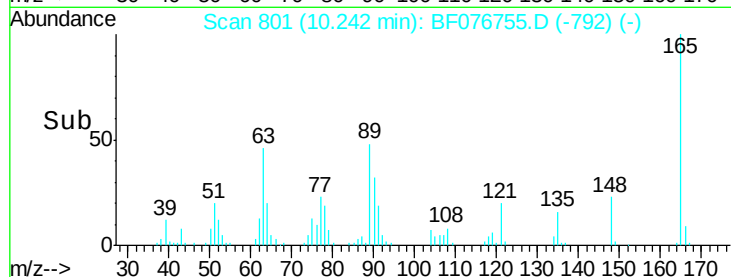
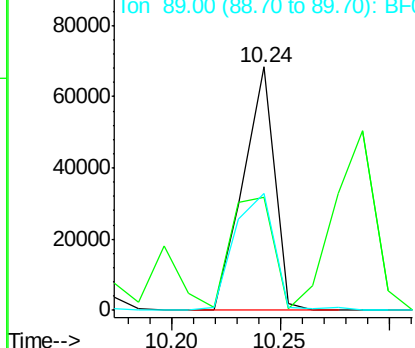
#50
2,6-Dinitrotoluene
Concen: 43.86 ng
RT: 10.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:165 Resp: 68592
Ion Ratio Lower Upper
165 100
63 46.3 35.0 52.6
89 47.9 35.4 53.2

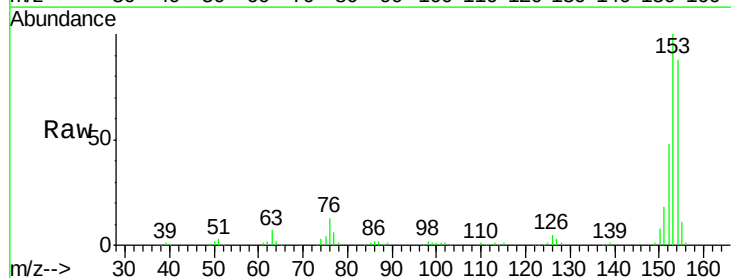


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

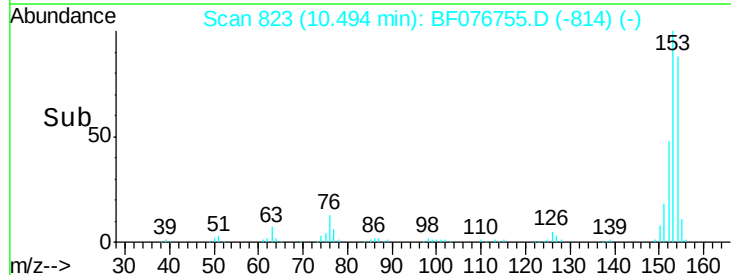
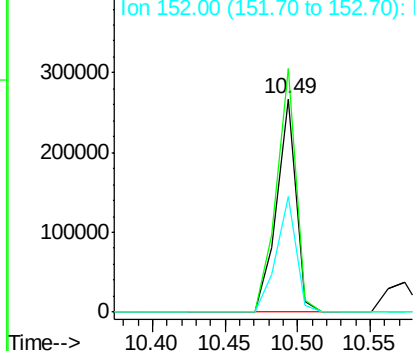


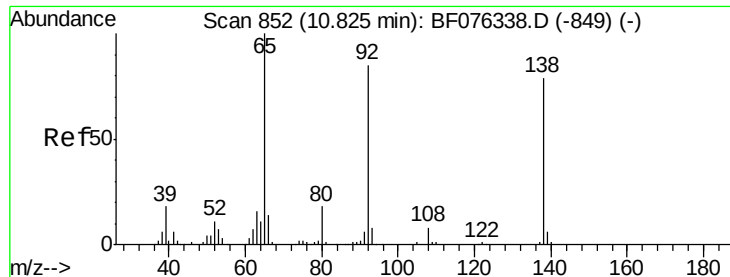
#51
Acenaphthene
Concen: 40.72 ng
RT: 10.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:154 Resp: 249100
Ion Ratio Lower Upper
154 100
153 114.1 89.4 134.0
152 54.3 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: 29.39 ng

RT: 10.42 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

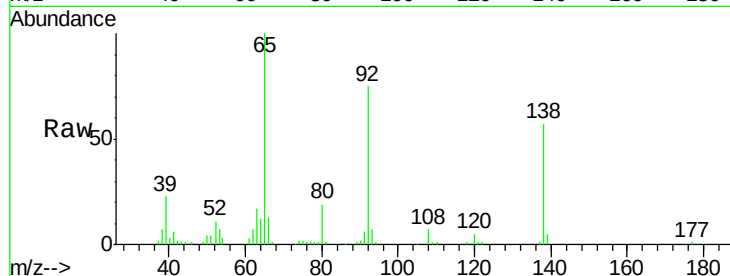
Tot Ion:138 Resp: 52187

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

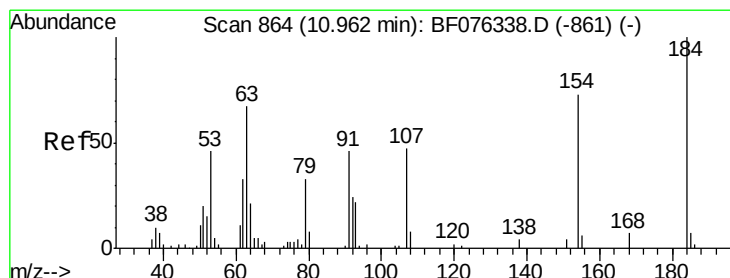
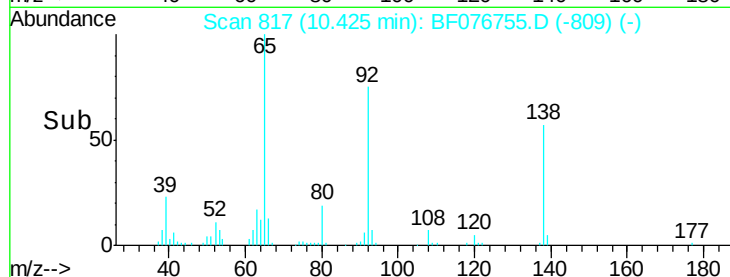
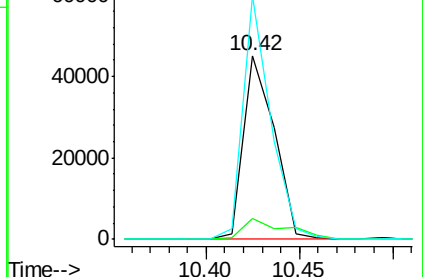
92 132.4 85.6 128.4#



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): BF0



#53

2,4-Dinitrophenol

Concen: 73.44 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

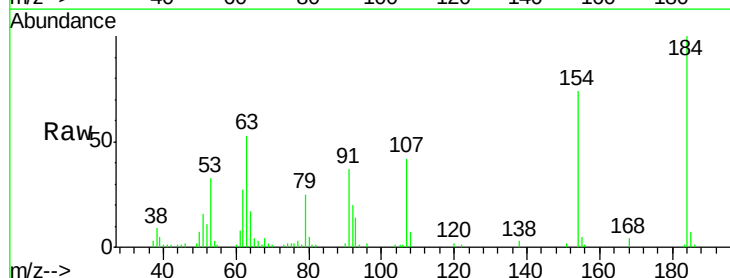
Tgt Ion:184 Resp: 63833

Ion Ratio Lower Upper

184 100

63 53.1 53.4 80.0#

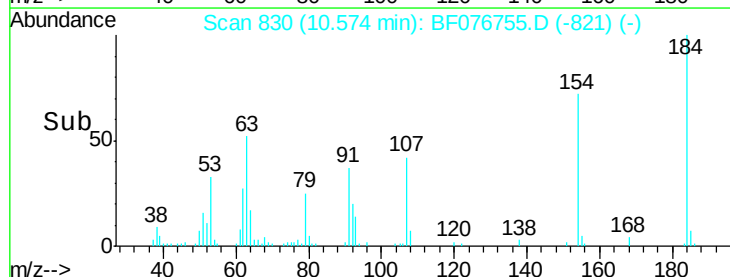
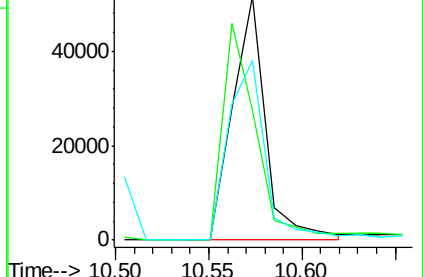
154 73.6 58.5 87.7

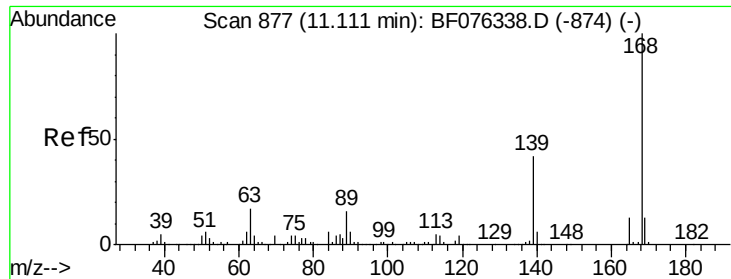


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

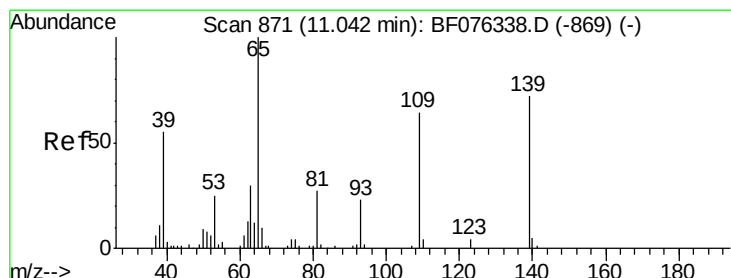
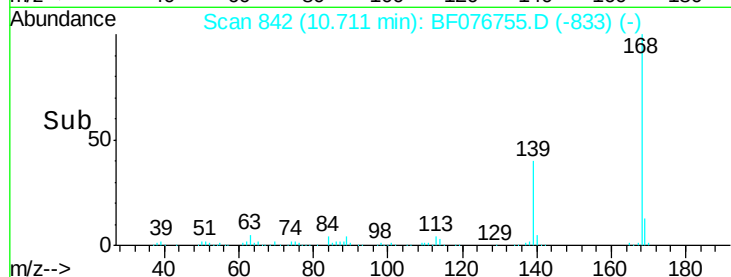
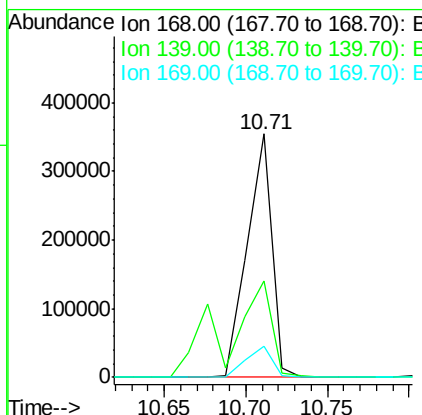
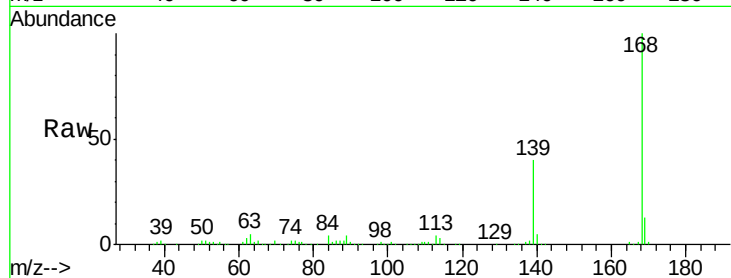




#54
Dibenzofuran
Concen: 42.00 ng
RT: 10.71 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

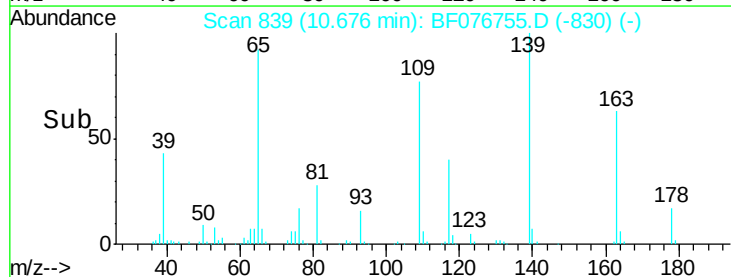
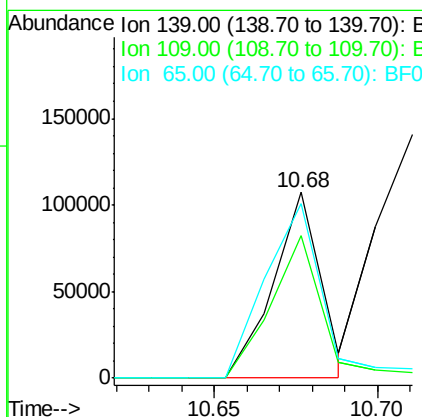
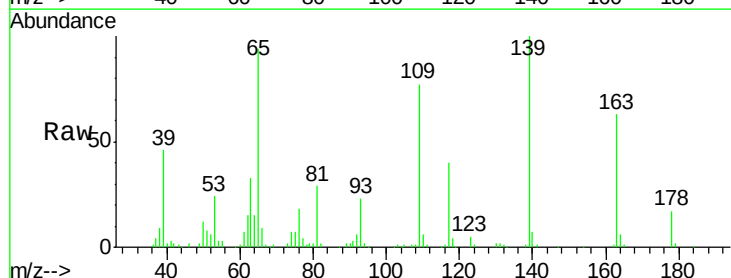
Instrument :
BNA_F
ClientSampleId :
PB81192BSD

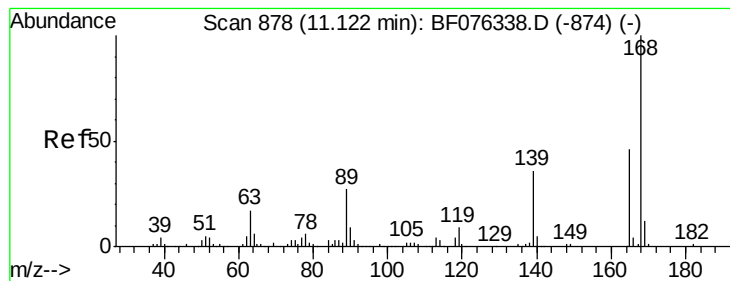
Tot Ion:168 Resp: 371638
Ion Ratio Lower Upper
168 100
139 39.7 34.2 51.4
169 12.8 10.6 16.0



#55
4-Nitrophenol
Concen: 79.84 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:139 Resp: 108695
Ion Ratio Lower Upper
139 100
109 76.7 69.1 109.1
65 93.9 119.8 159.8#

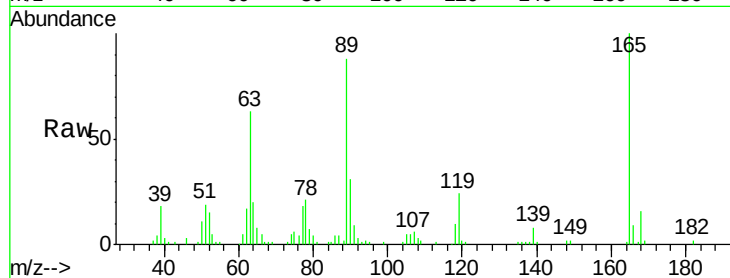




#56
2,4-Dinitrotoluene
Concen: 44.60 ng
RT: 10.72 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.8	30.2	45.2#
89	88.0	46.8	70.2#
182	2.1	1.8	2.6



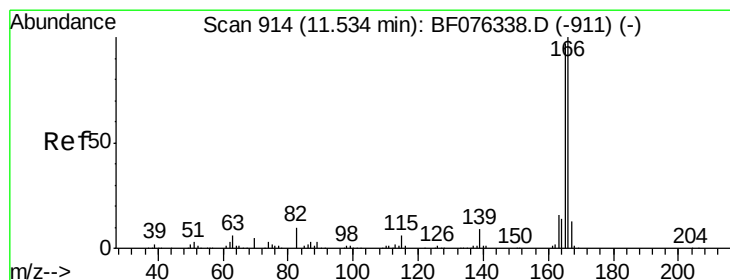
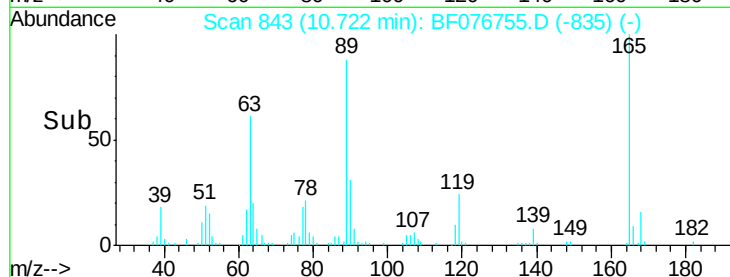
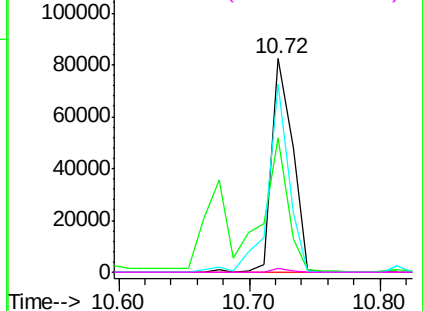
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

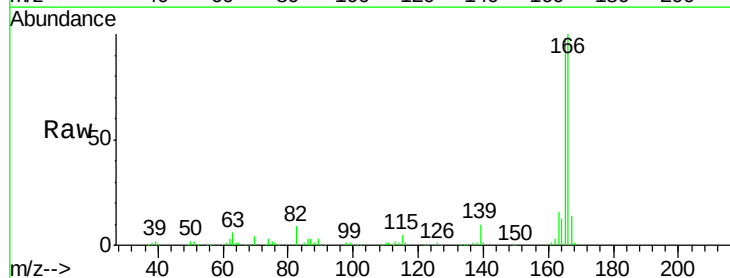
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 39.74 ng
RT: 11.12 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.9	116.9
167	13.7	10.6	15.8

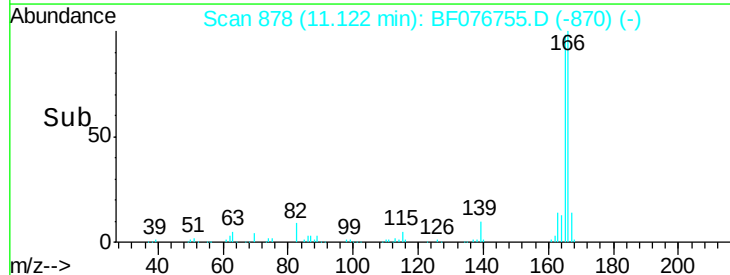
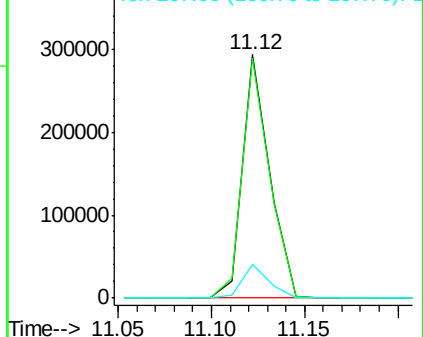


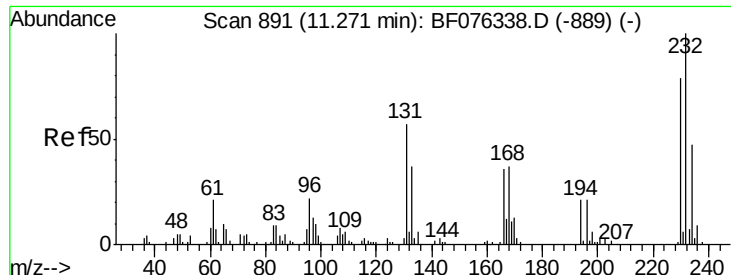
Abundance

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

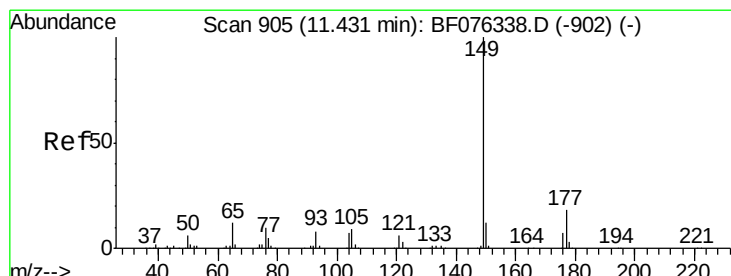
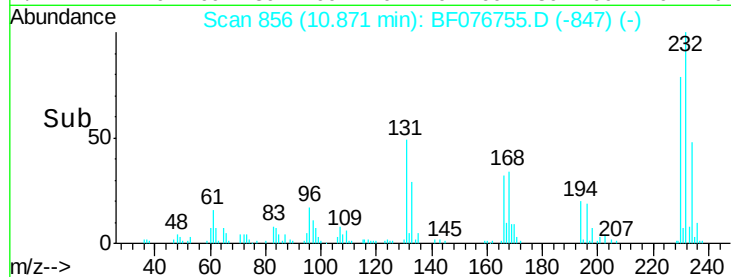
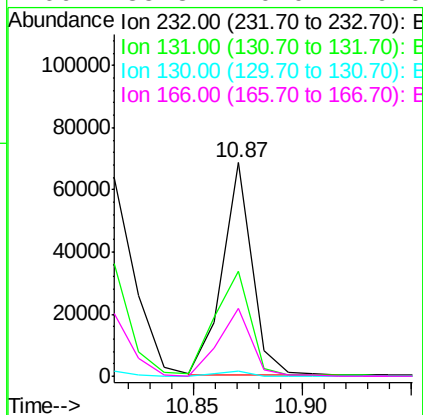
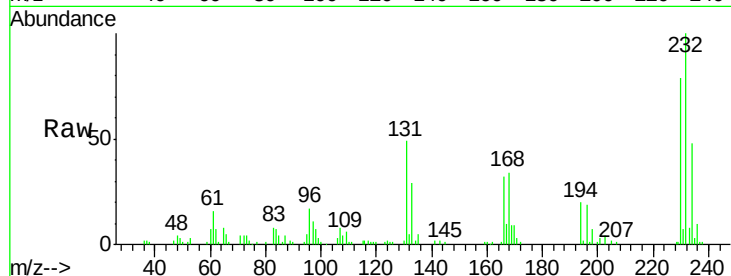




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.21 ng
 RT: 10.87 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

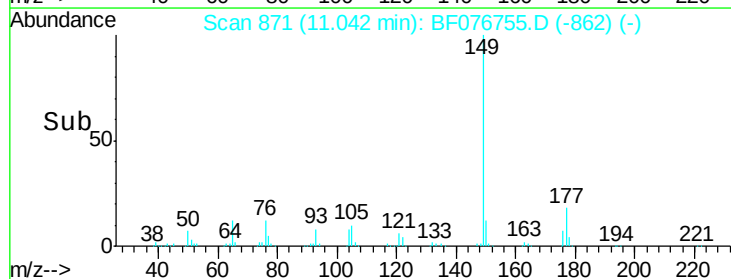
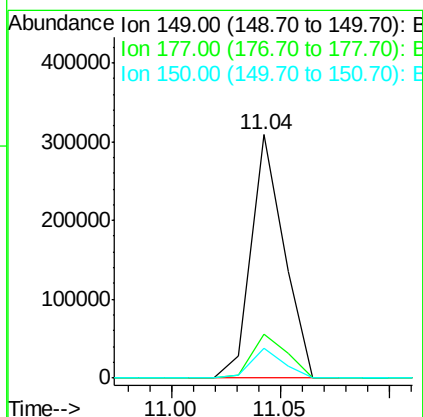
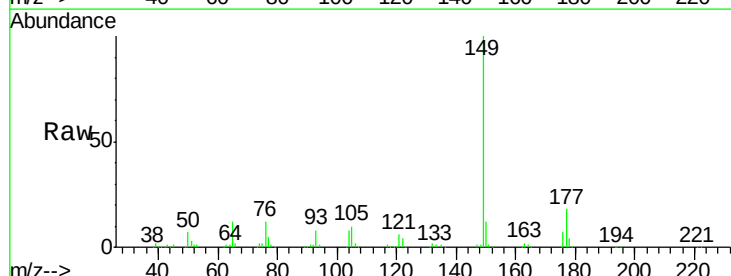
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

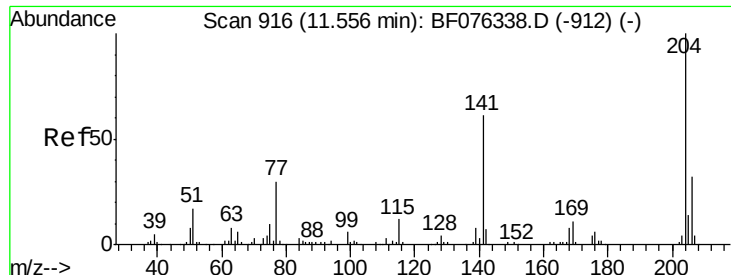
Tot Ion:232 Resp: 65032
 Ion Ratio Lower Upper
 232 100
 131 57.6 0.0 0.0#
 130 2.6 0.0 0.0#
 166 35.8 0.0 0.0#



#59
 Diethylphthalate
 Concen: 41.66 ng
 RT: 11.04 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion:149 Resp: 324769
 Ion Ratio Lower Upper
 149 100
 177 17.8 14.7 22.1
 150 12.3 9.8 14.6

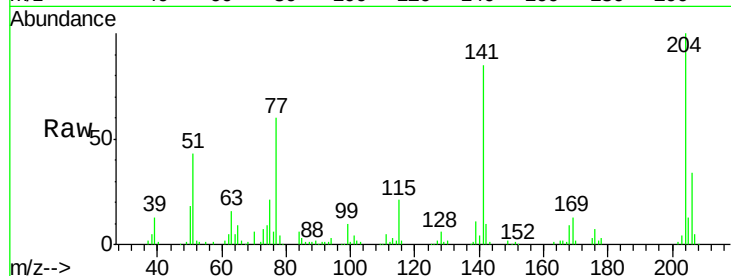




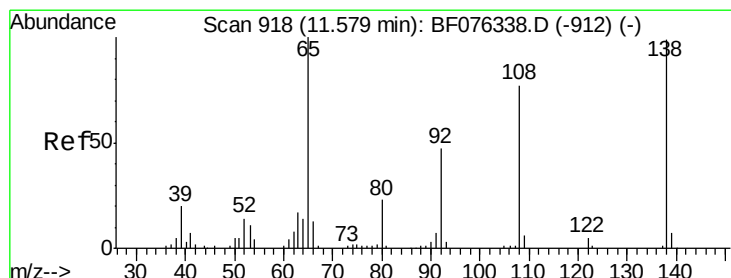
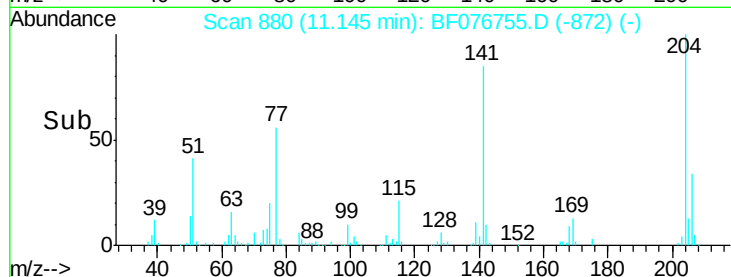
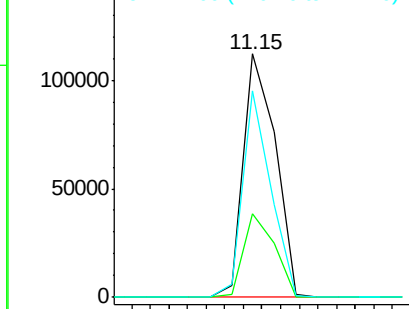
#60
4-Chlorophenyl-phenylether
Concen: 41.65 ng
RT: 11.15 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:204 Resp: 133976
Ion Ratio Lower Upper
204 100
206 34.3 25.6 38.4
141 84.6 48.5 72.7#

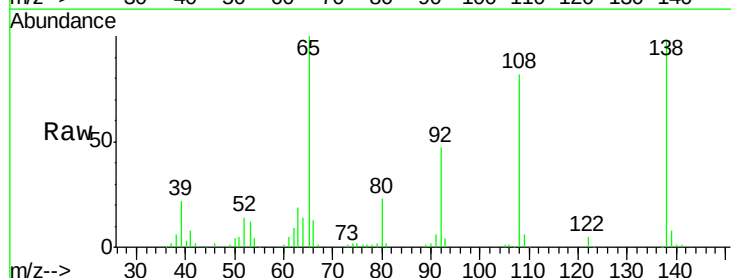


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

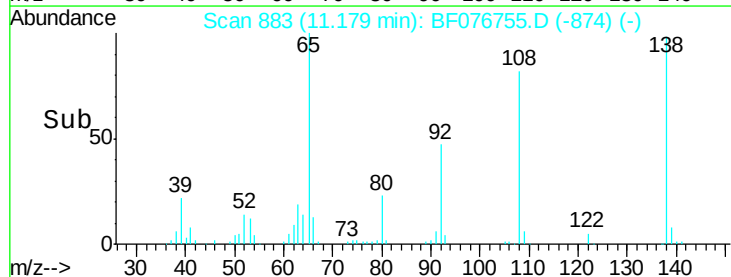
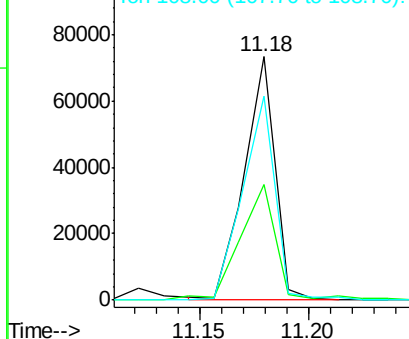


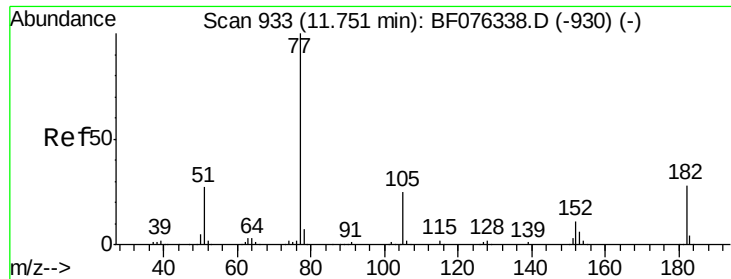
#61
4-Nitroaniline
Concen: 38.90 ng
RT: 11.18 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:138 Resp: 72602
Ion Ratio Lower Upper
138 100
92 47.7 27.7 67.7
108 83.6 57.5 97.5



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

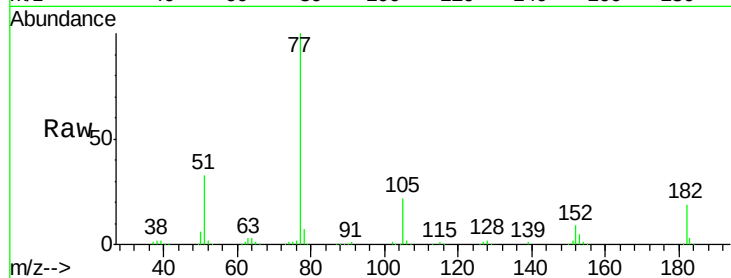




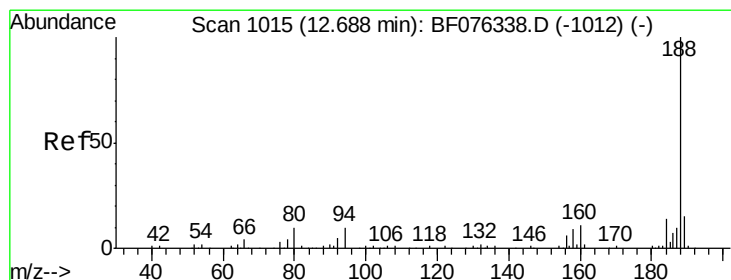
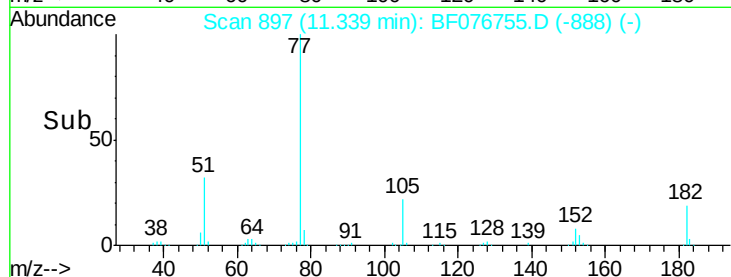
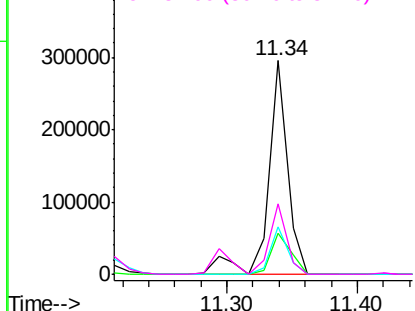
#62
Azobenzene
Concen: 40.42 ng
RT: 11.34 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:	77	Resp:	310460
Ion	Ratio	Lower	Upper
77	100		
182	19.2	8.3	48.3
105	22.4	4.6	44.6
51	32.8	7.6	47.6

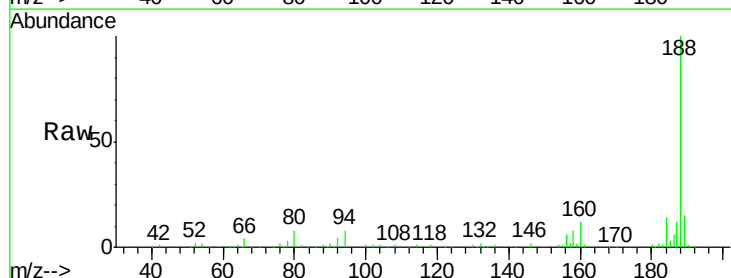


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

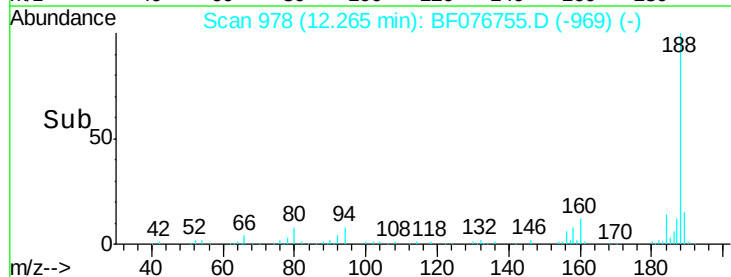
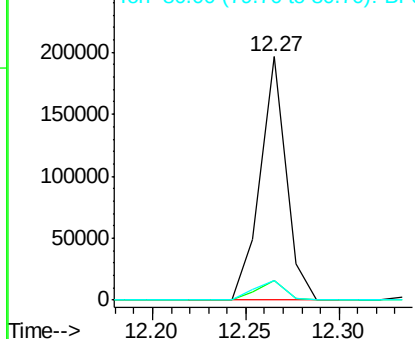


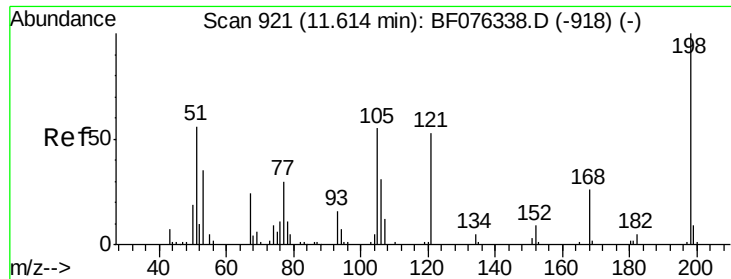
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:	188	Resp:	189237
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.9	11.9
80	8.0	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

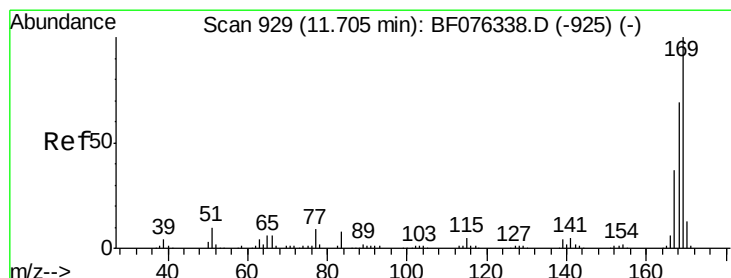
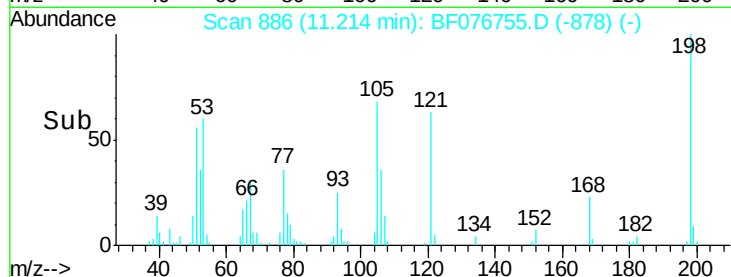
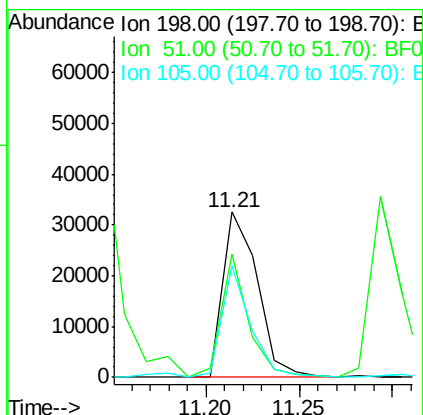
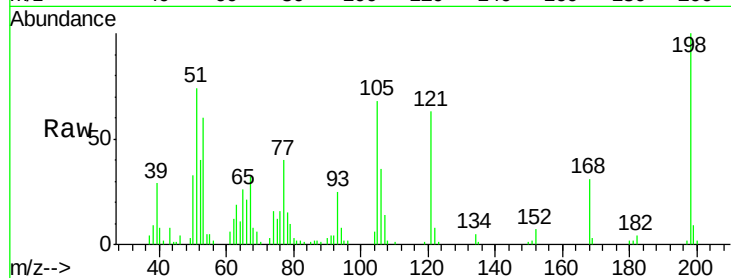




#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.62 ng
 RT: 11.21 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

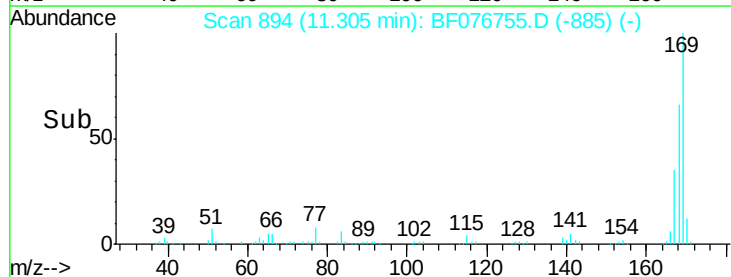
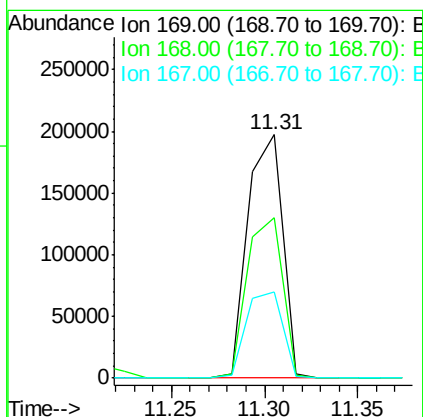
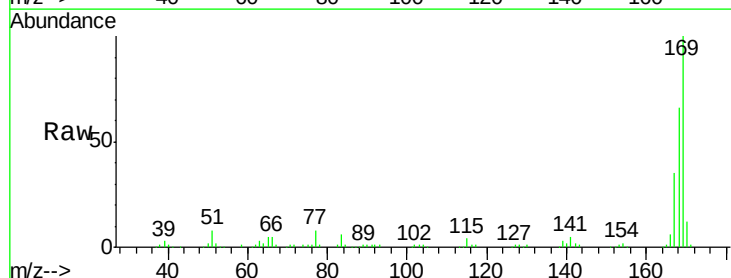
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

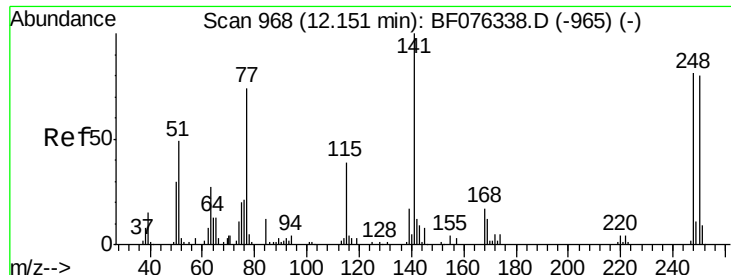
Tot Ion:198 Resp: 42164
 Ion Ratio Lower Upper
 198 100
 51 74.4 45.3 85.3
 105 68.0 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 38.35 ng
 RT: 11.31 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion:169 Resp: 254924
 Ion Ratio Lower Upper
 169 100
 168 65.8 55.2 82.8
 167 35.5 29.5 44.3





#66

4-Bromophenyl-phenylether

Concen: 43.45 ng

RT: 11.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

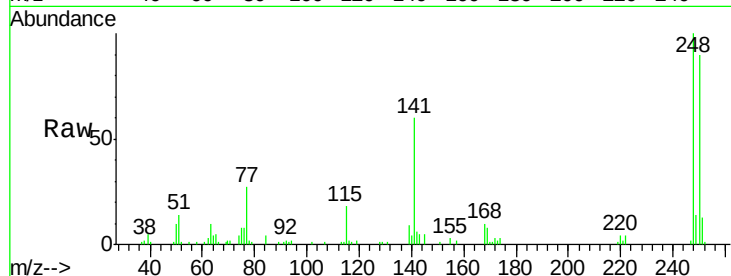
Tot Ion:248 Resp: 80091

Ion Ratio Lower Upper

248 100

250 89.9 78.4 117.6

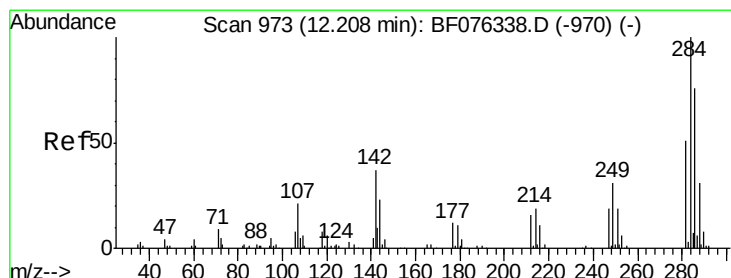
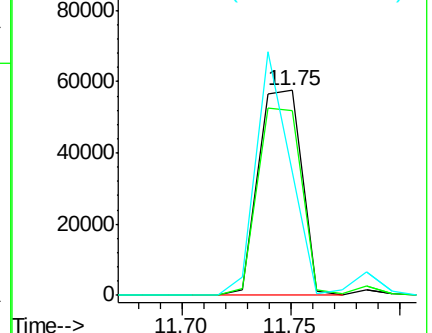
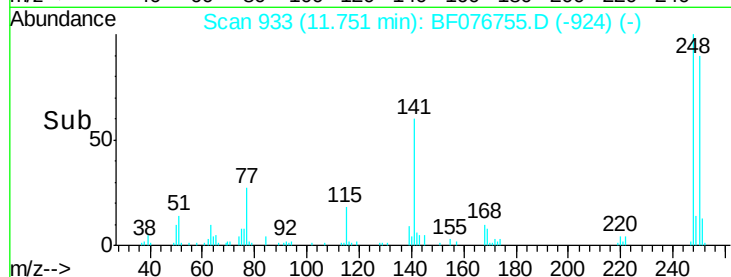
141 60.2 98.5 147.7#



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: 40.48 ng

RT: 11.79 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

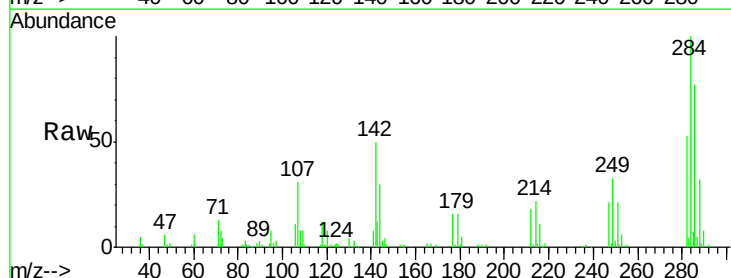
Tgt Ion:284 Resp: 87097

Ion Ratio Lower Upper

284 100

142 50.0 30.0 45.0#

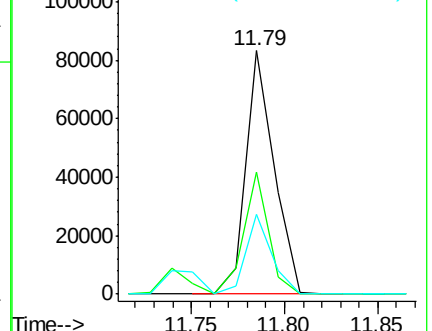
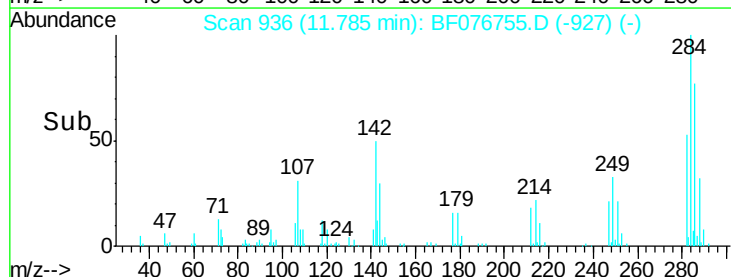
249 32.5 24.7 37.1

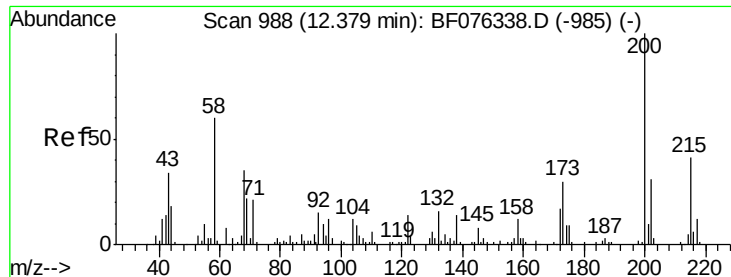


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

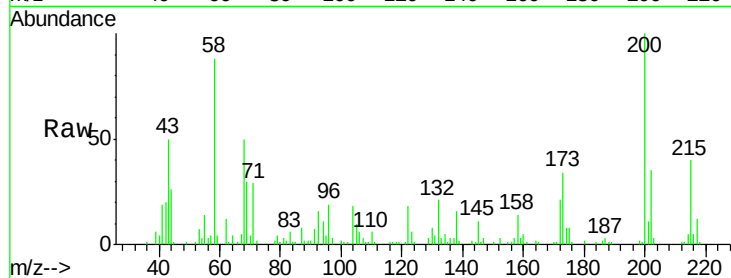




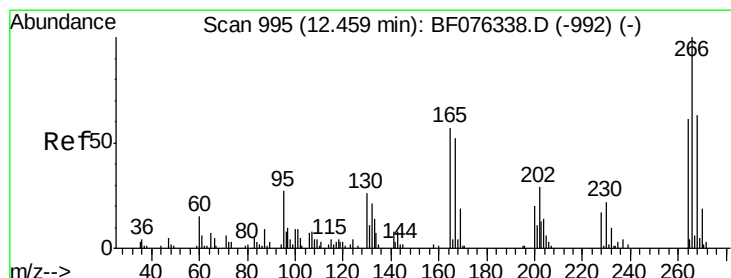
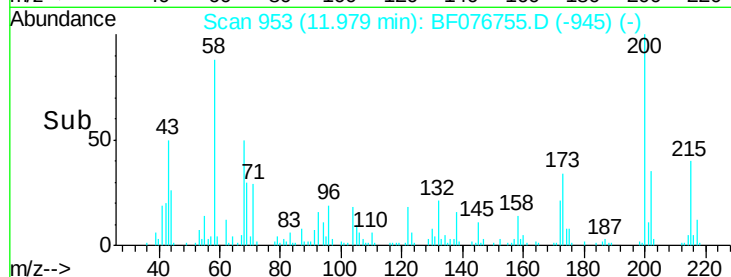
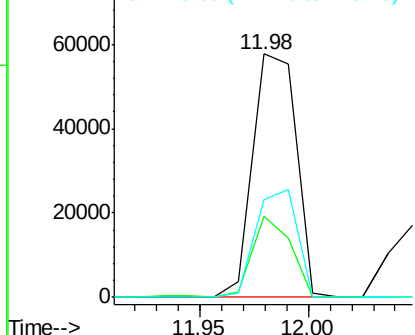
#68
Atrazine
Concen: 40.66 ng
RT: 11.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:200 Resp: 80752
Ion Ratio Lower Upper
200 100
173 33.5 10.0 50.0
215 40.3 21.4 61.4

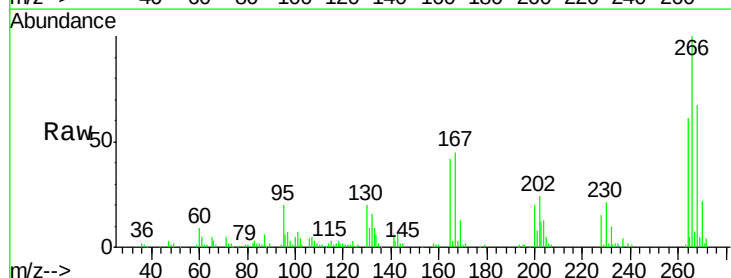


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

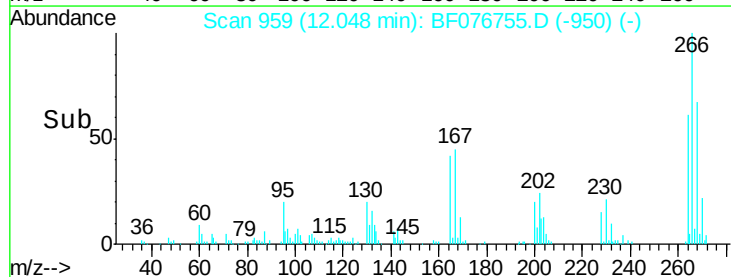
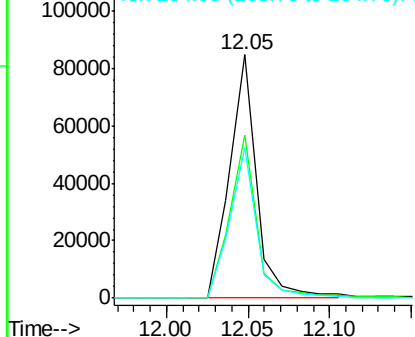


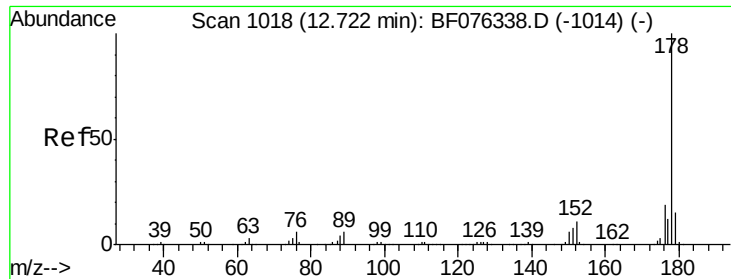
#69
Pentachlorophenol
Concen: 92.60 ng
RT: 12.05 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:266 Resp: 97525
Ion Ratio Lower Upper
266 100
268 66.7 50.7 76.1
264 61.4 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

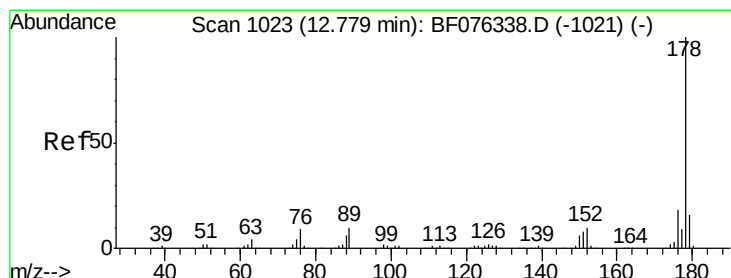
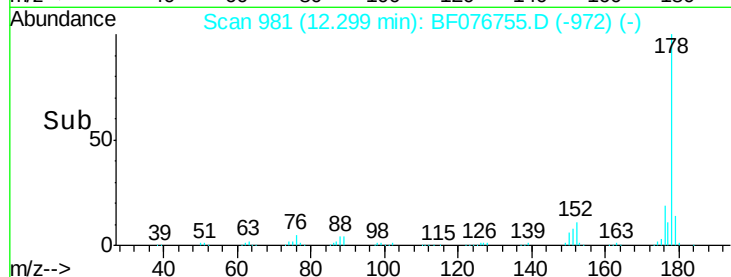
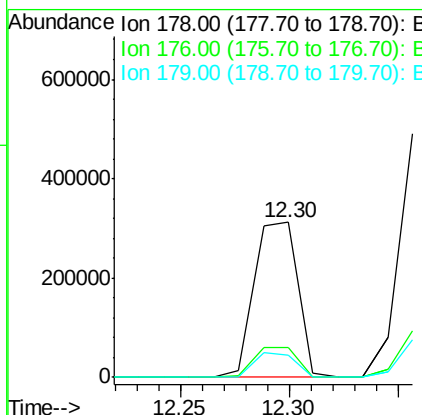
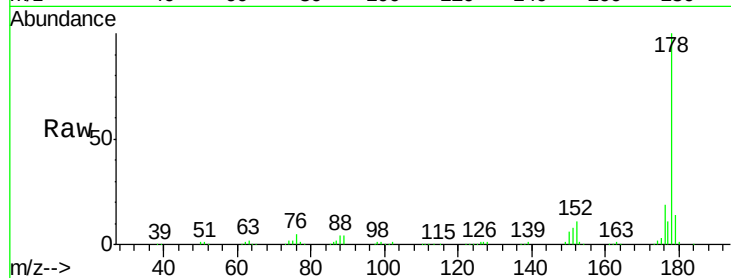




#70
Phenanthrene
Concen: 38.40 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

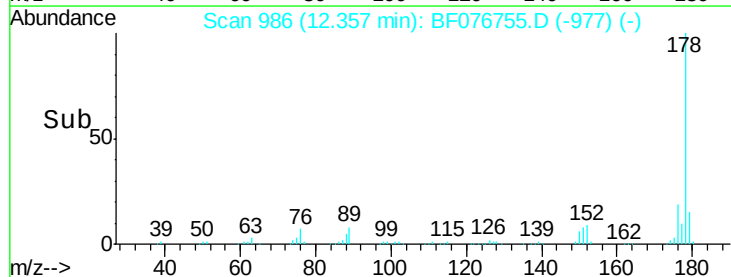
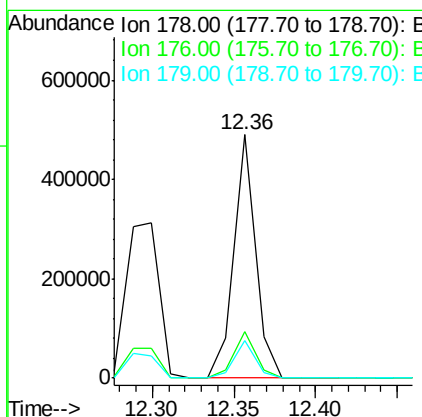
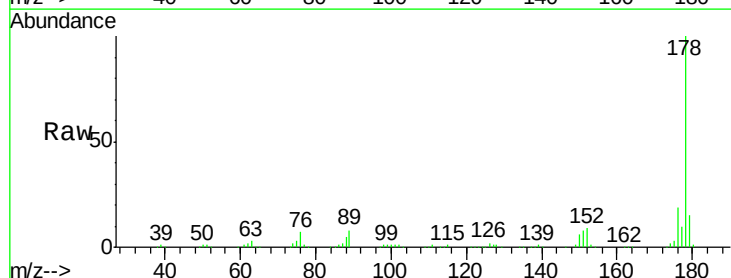
Instrument :
BNA_F
ClientSampleId :
PB81192BSD

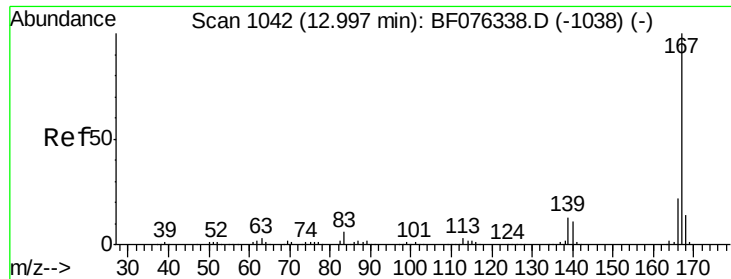
Tot Ion:178 Resp: 438483
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.3 12.2 18.4



#71
Anthracene
Concen: 40.10 ng
RT: 12.36 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:178 Resp: 449147
Ion Ratio Lower Upper
178 100
176 19.0 14.3 21.5
179 15.2 12.7 19.1

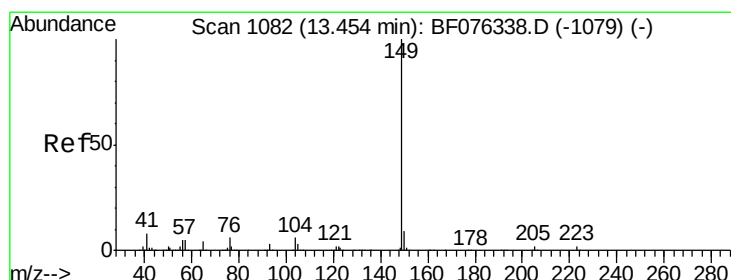
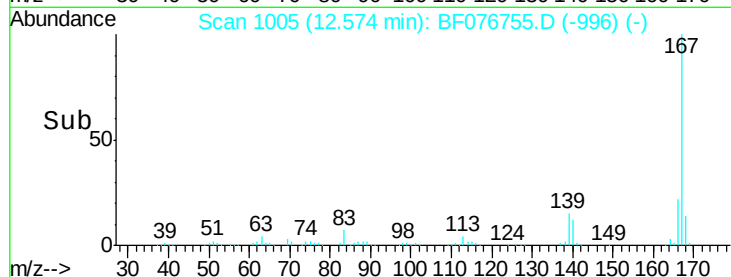
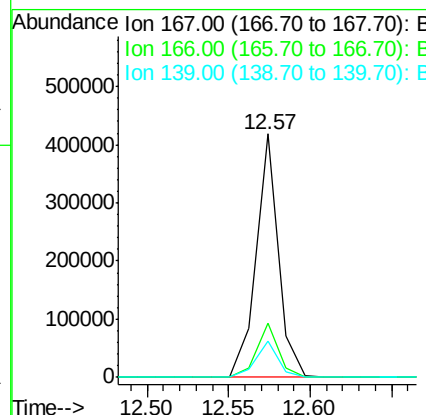
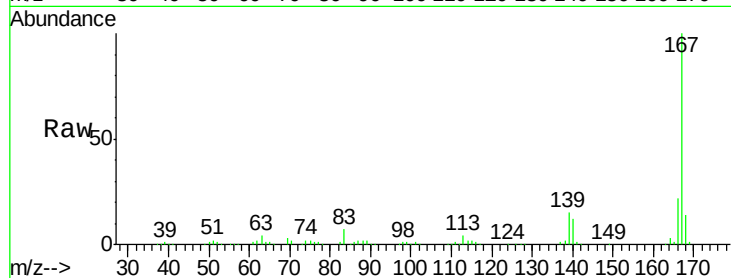




#72
 Carbazole
 Concen: 36.66 ng
 RT: 12.57 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

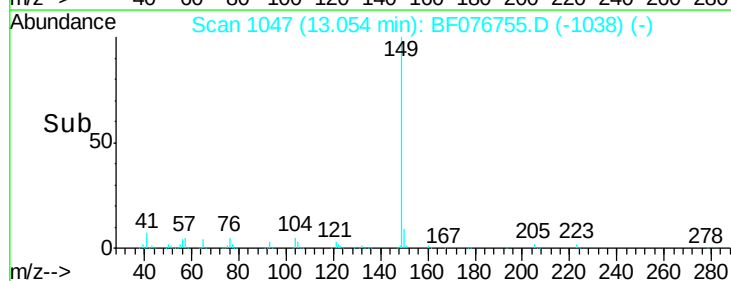
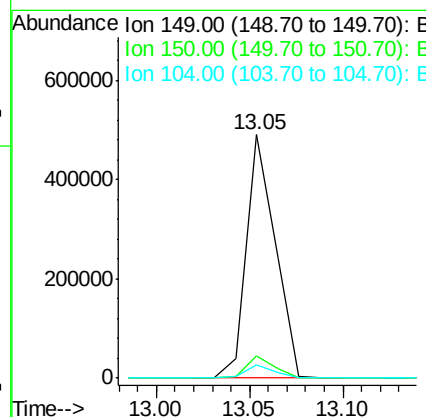
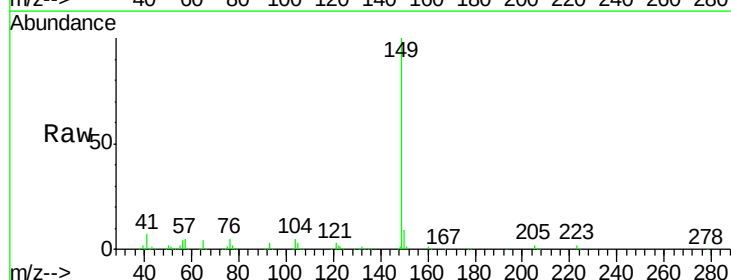
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

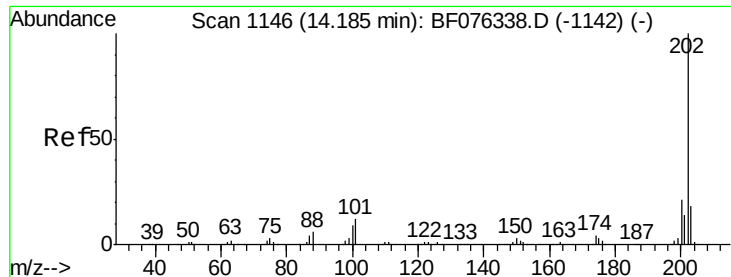
Tot Ion:167 Resp: 398351
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 15.0 10.6 16.0



#73
 Di-n-butylphthalate
 Concen: 39.73 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion:149 Resp: 530165
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.4 4.5 6.7

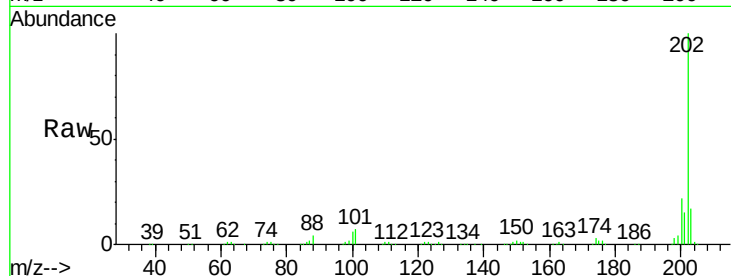




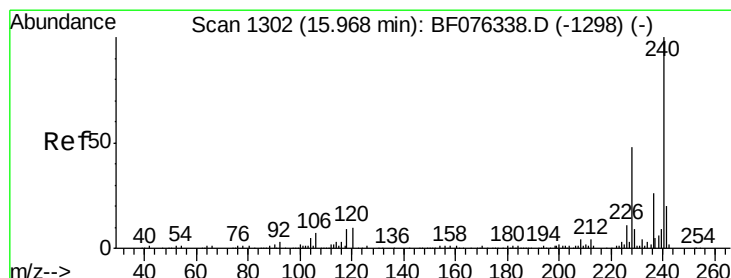
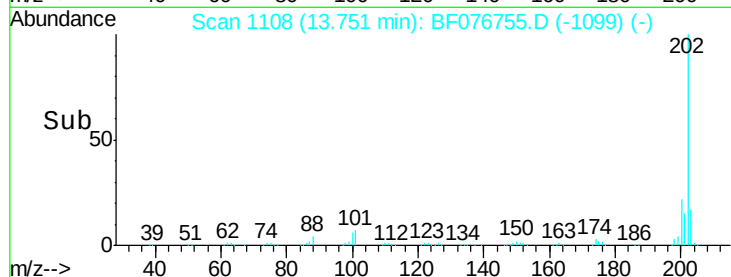
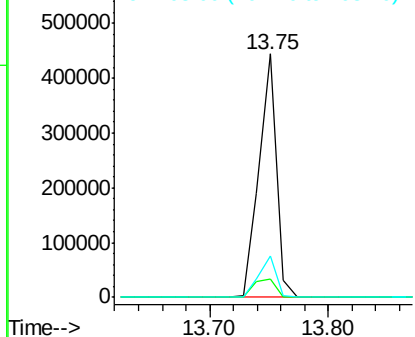
#74
 Fluoranthene
 Concen: 39.68 ng
 RT: 13.75 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	32.3
203	17.1	0.0	37.5

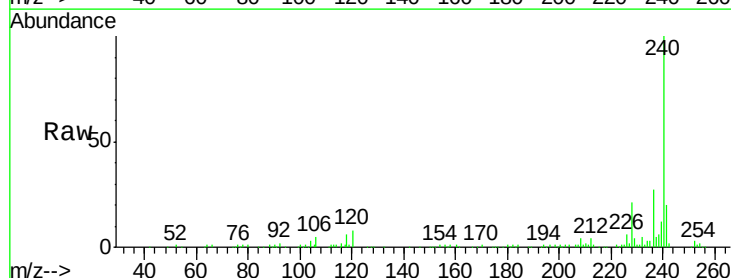


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

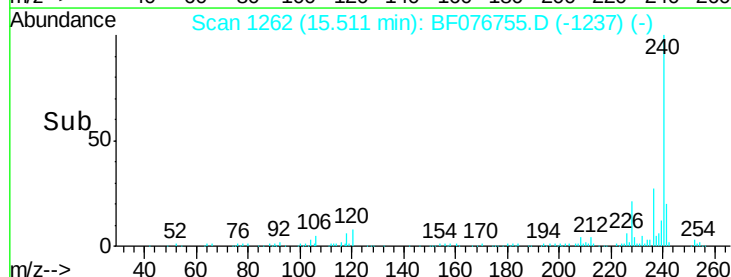
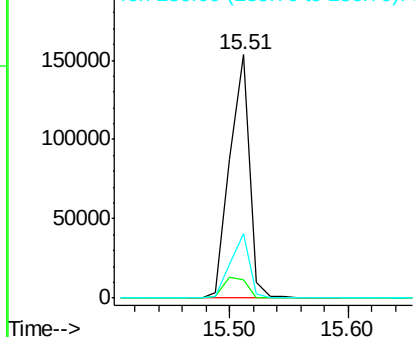


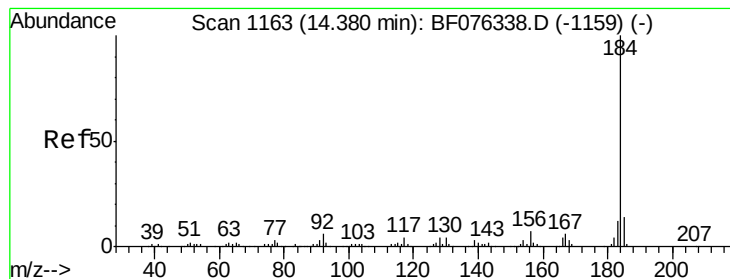
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.0	12.0#
236	26.6	20.6	30.8



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





#76

Benzidine

Concen: 27.50 ng

RT: 13.96 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

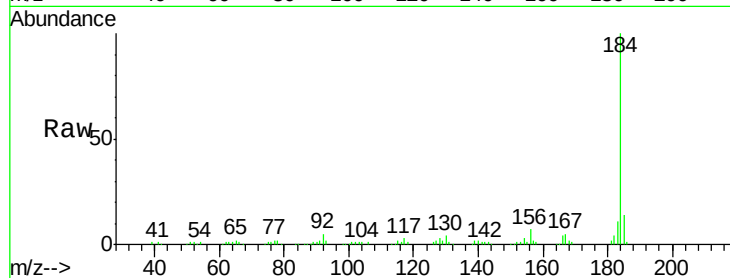
Tot Ion:184 Resp: 203008

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

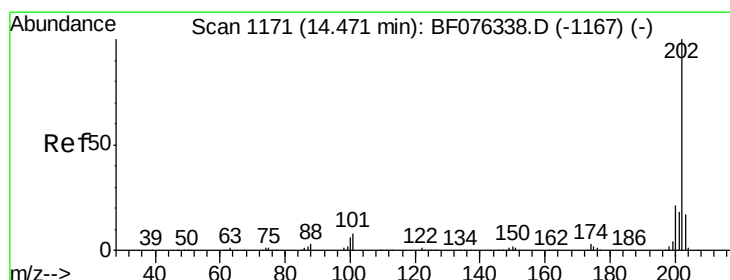
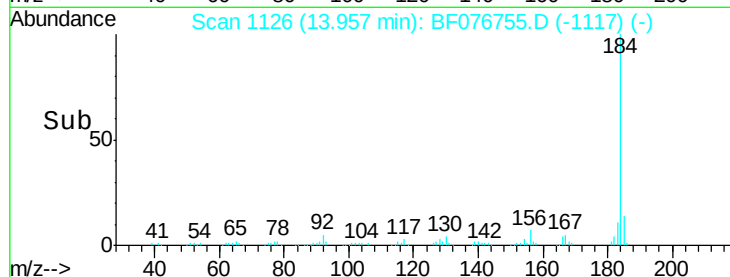
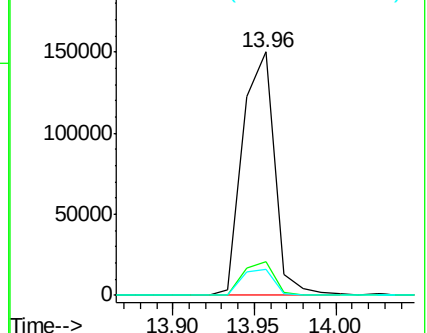
183 10.5 9.3 13.9



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: 38.29 ng

RT: 14.03 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

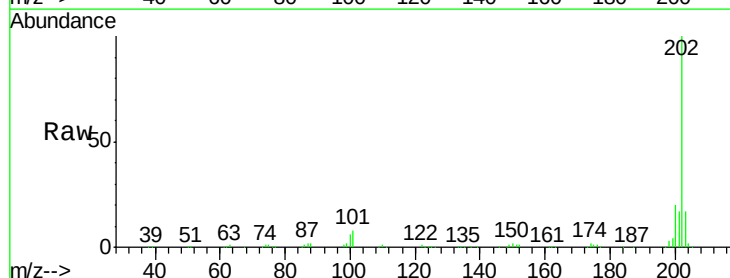
Tgt Ion:202 Resp: 474571

Ion Ratio Lower Upper

202 100

200 19.9 16.8 25.2

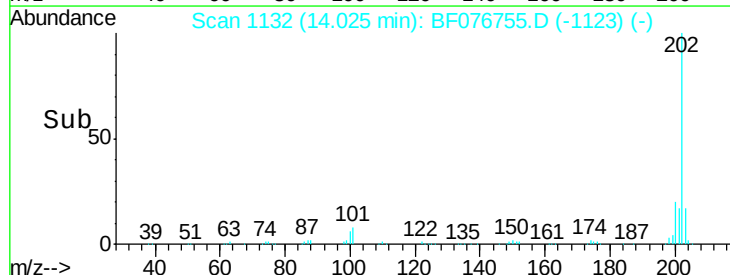
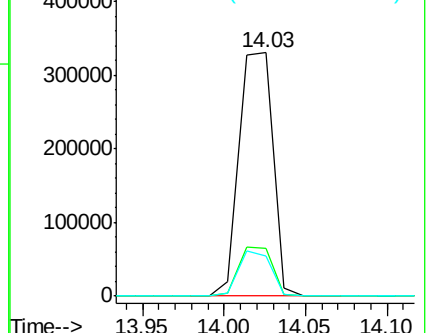
203 16.6 13.5 20.3

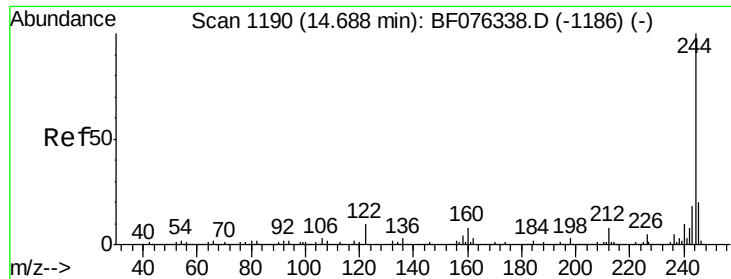


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.59 ng

RT: 14.25 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

Instrument :

BNA_F

ClientSampleId :

PB81192BSD

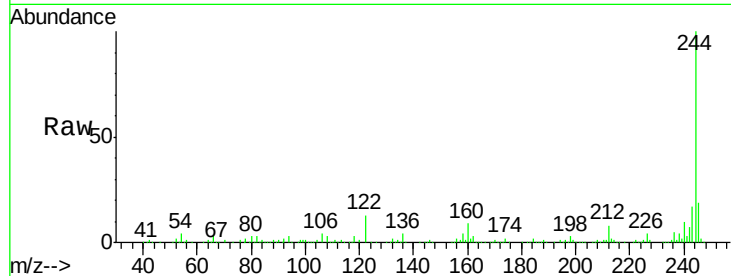
Tot Ion:244 Resp: 574901

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

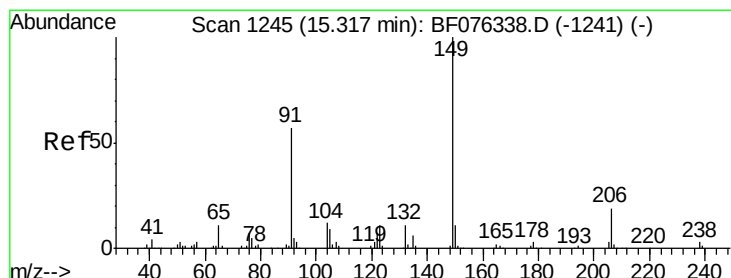
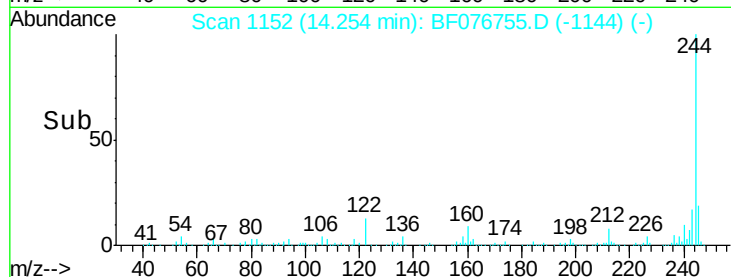
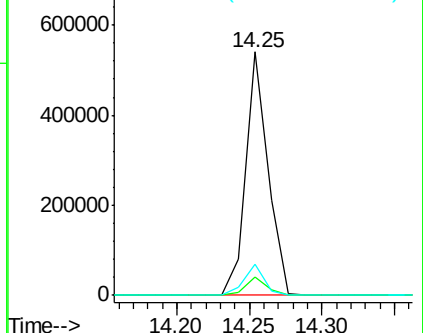
122 12.9 8.2 12.2#



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: 38.92 ng

RT: 14.89 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF076755.D

Acq: 6 Jan 2015 12:39

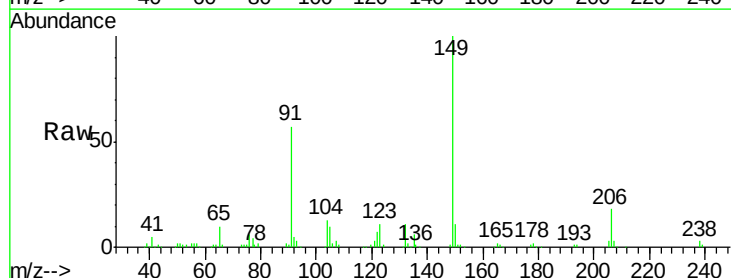
Tgt Ion:149 Resp: 230598

Ion Ratio Lower Upper

149 100

91 57.1 45.9 68.9

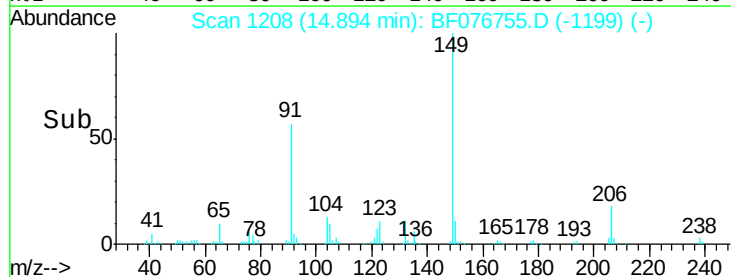
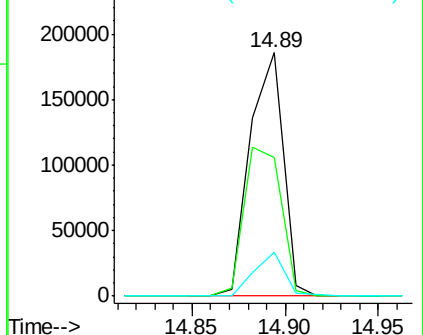
206 18.2 15.1 22.7

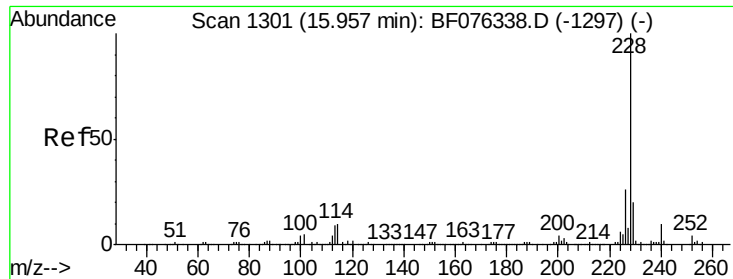


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

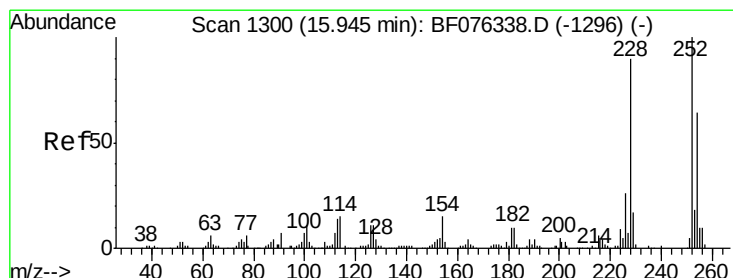
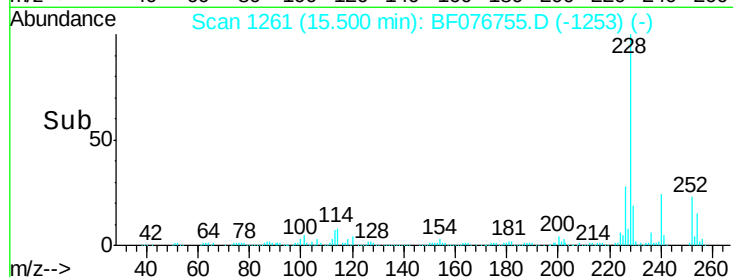
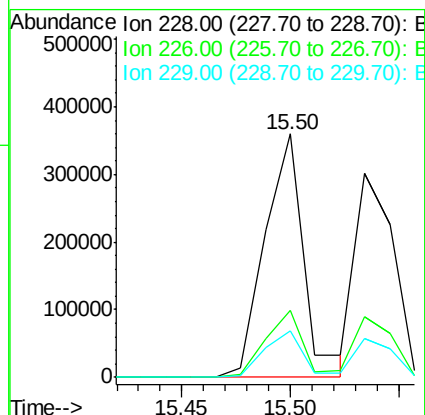
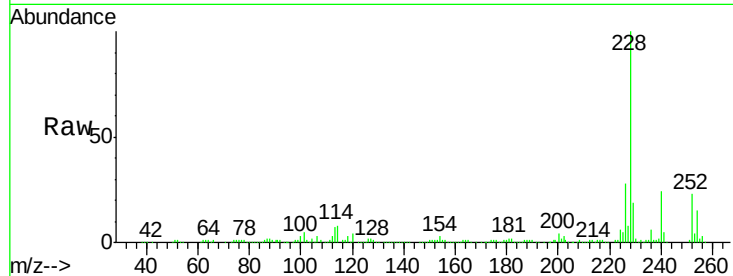




#80
Benzo(a)anthracene
Concen: 40.85 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

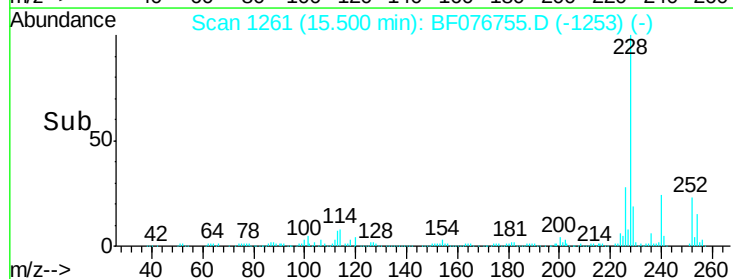
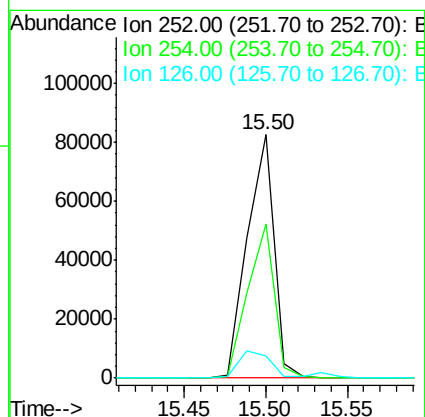
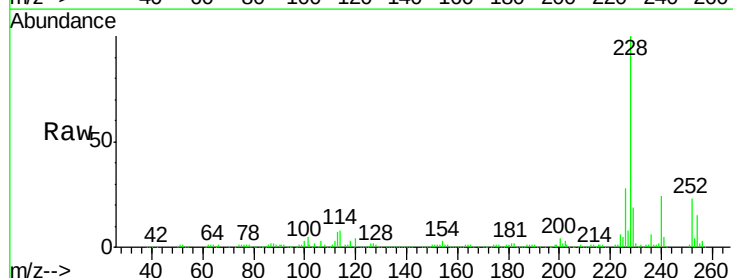
Instrument :
BNA_F
ClientSampleId :
PB81192BSD

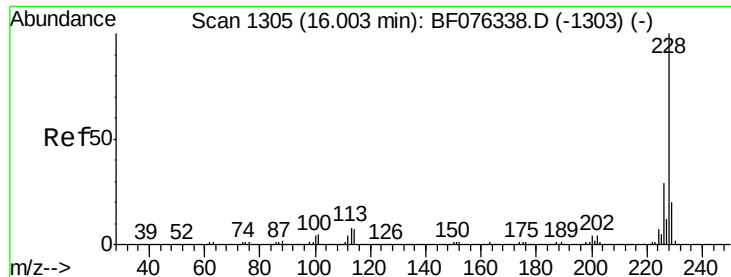
Tot Ion:228 Resp: 450680
Ion Ratio Lower Upper
228 100
226 27.8 20.9 31.3
229 19.1 15.8 23.8



#81
3,3'-Dichlorobenzidine
Concen: 25.43 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:252 Resp: 93772
Ion Ratio Lower Upper
252 100
254 63.4 50.9 76.3
126 9.2 8.4 12.6

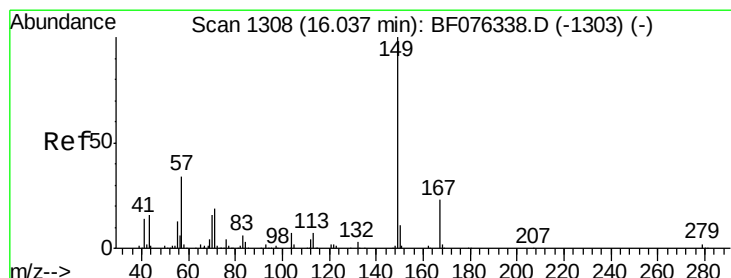
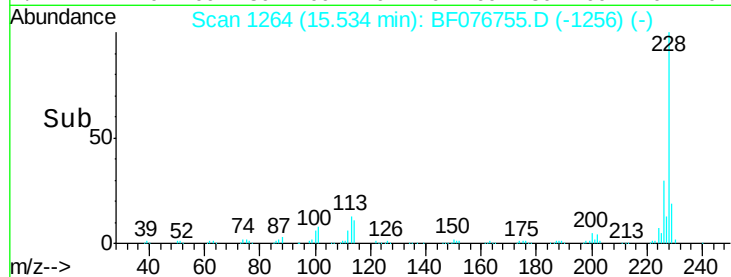
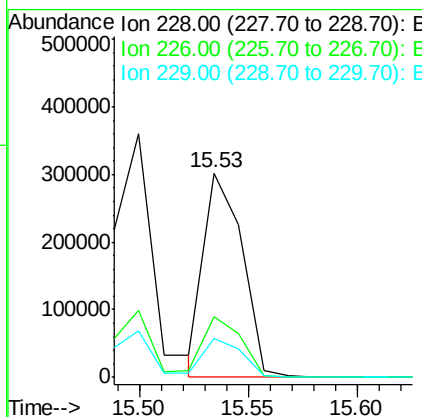
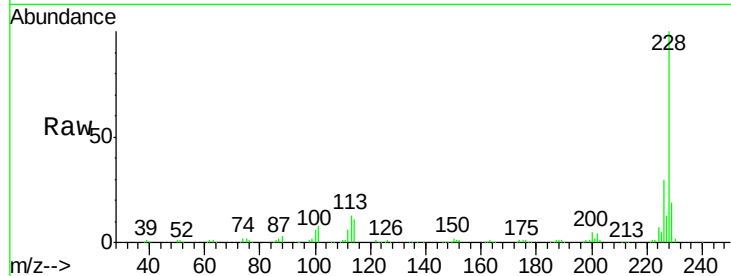




#82
 Chrysene
 Concen: 36.51 ng
 RT: 15.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

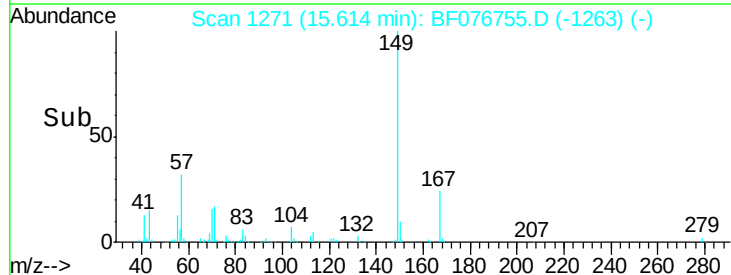
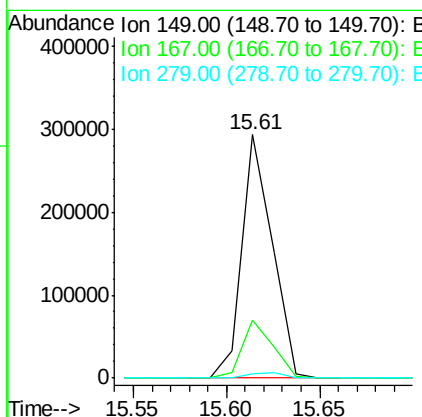
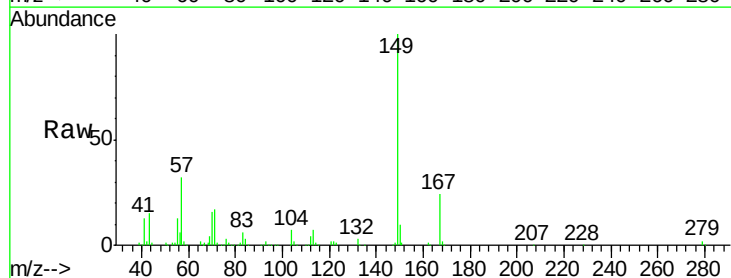
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

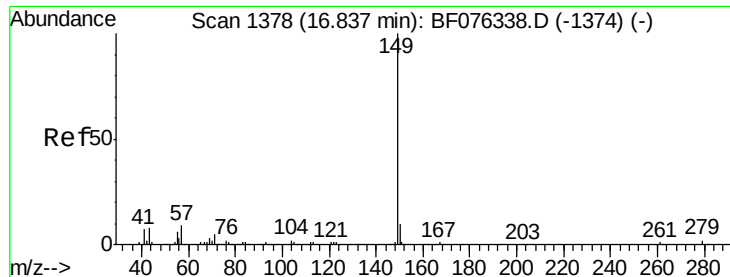
Tot Ion:228 Resp: 368580
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.4 35.0
 229 19.2 15.9 23.9



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.08 ng
 RT: 15.61 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion:149 Resp: 332386
 Ion Ratio Lower Upper
 149 100
 167 23.7 18.7 28.1
 279 1.9 1.5 2.3

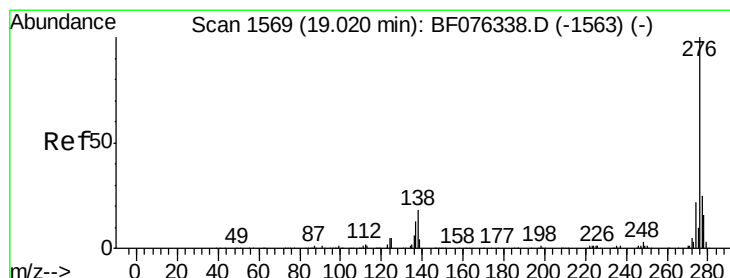
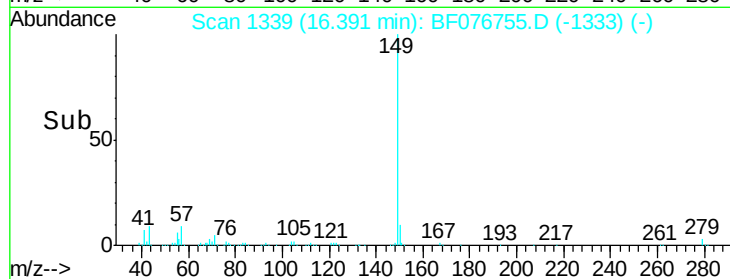
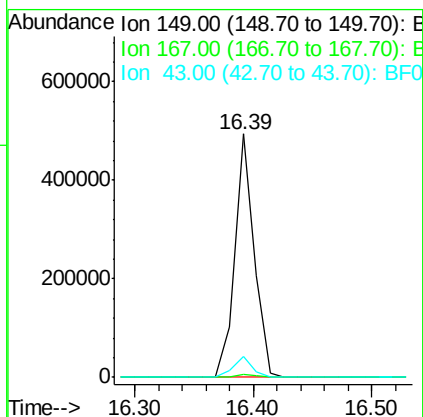
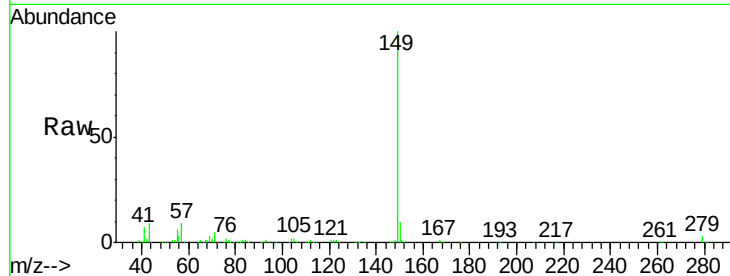




#84
 Di-n-octyl phthalate
 Concen: 36.63 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. -0.03 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

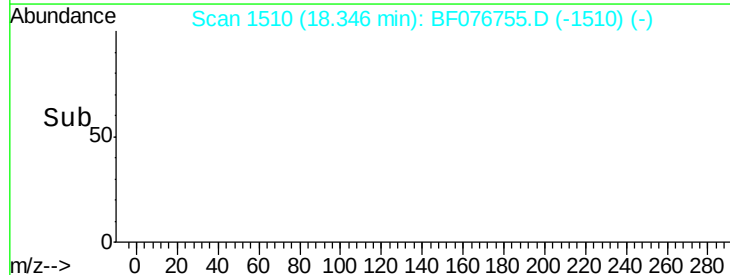
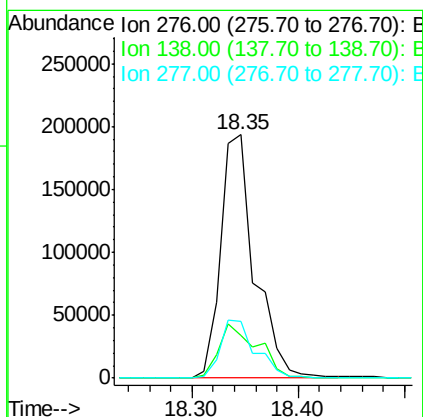
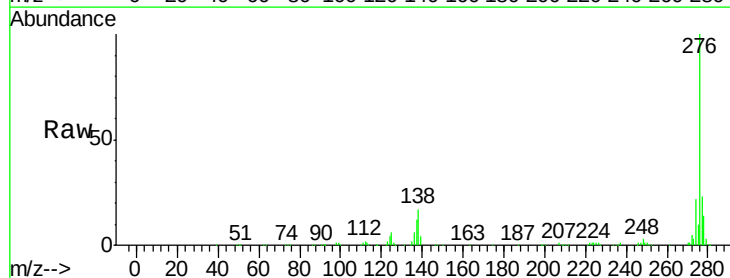
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BSD

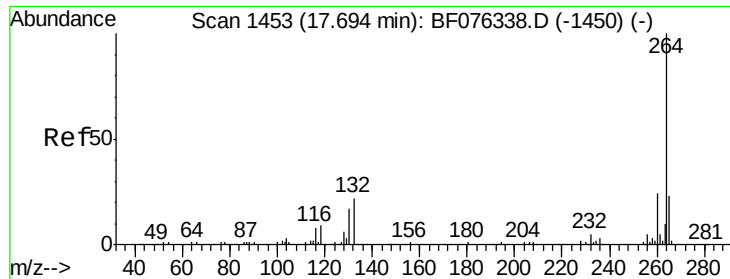
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	8.8	7.1	10.7



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.99 ng m
 RT: 18.35 min Scan# 1510
 Delta R.T. -0.10 min
 Lab File: BF076755.D
 Acq: 6 Jan 2015 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	18.7	28.1#

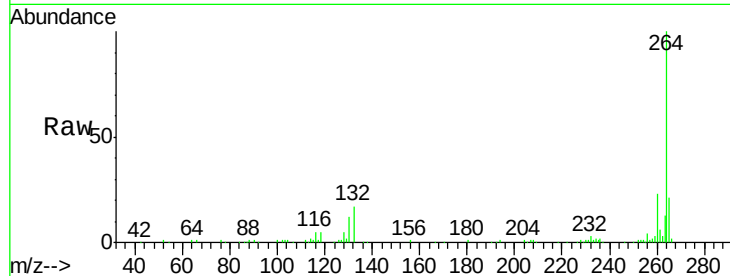




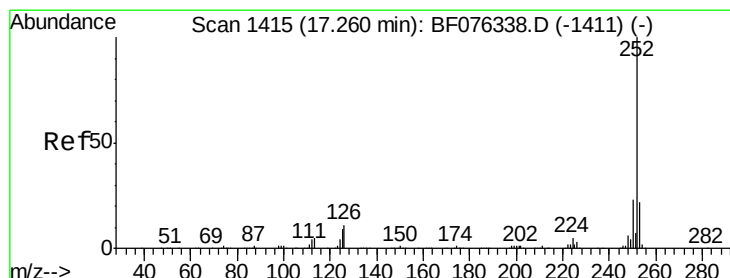
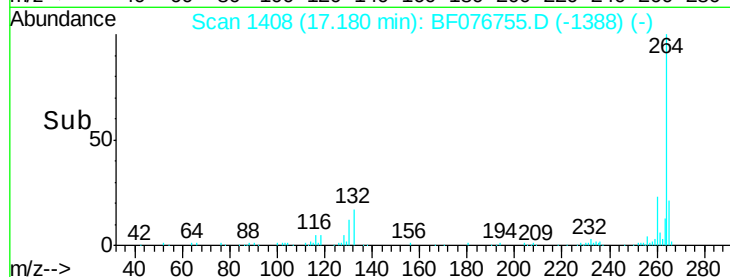
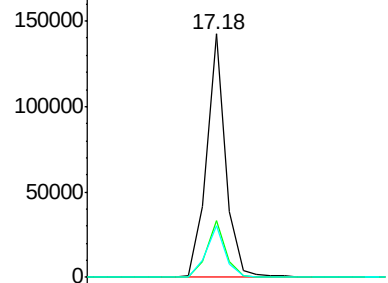
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1408
Delta R.T. -0.07 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:264 Resp: 158122
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 21.2 18.1 27.1

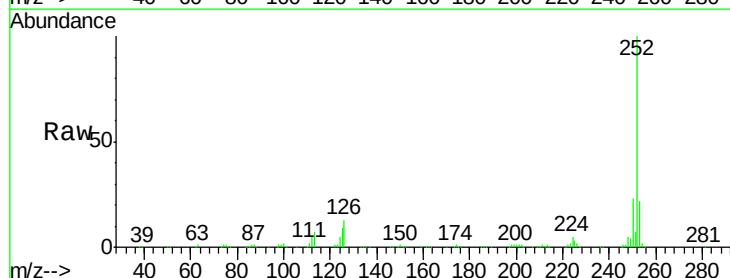


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

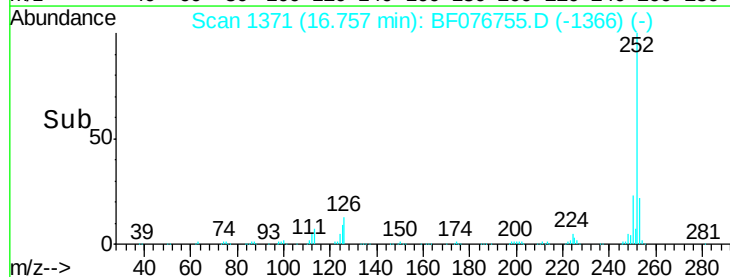
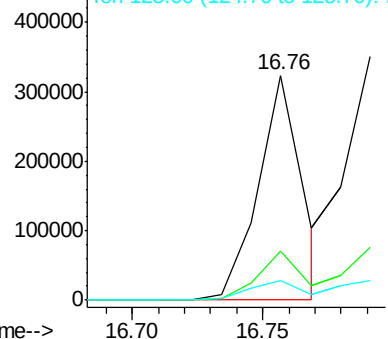


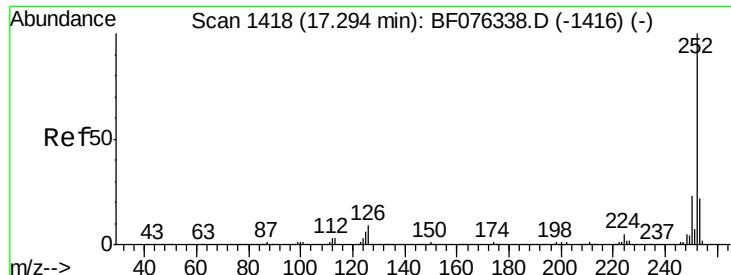
#87
Benzo(b)fluoranthene
Concen: 35.73 ng
RT: 16.76 min Scan# 1371
Delta R.T. -0.05 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:252 Resp: 372702
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.0 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

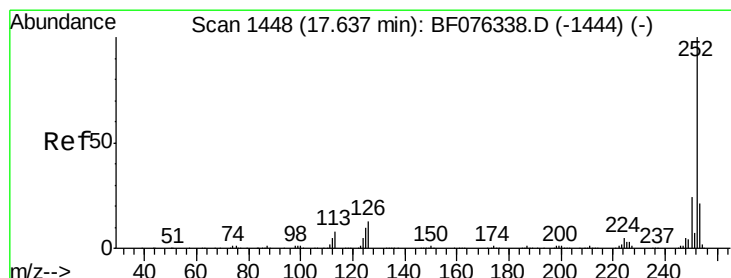
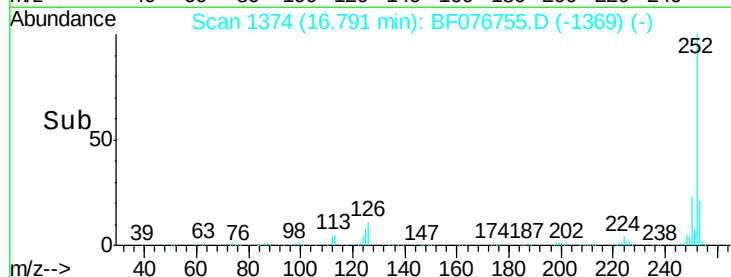
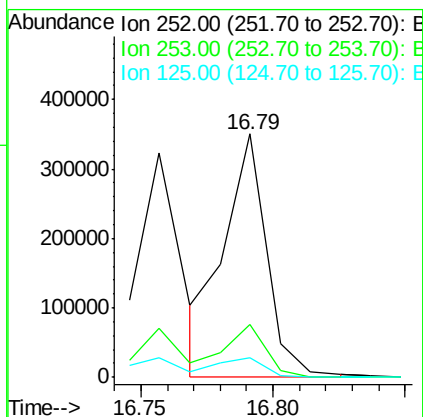
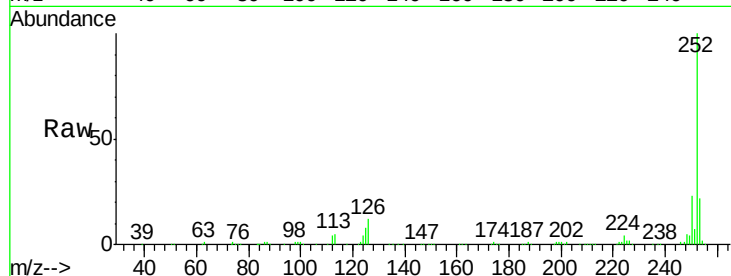




#88
Benzo(k)fluoranthene
Concen: 40.39 ng m
RT: 16.79 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

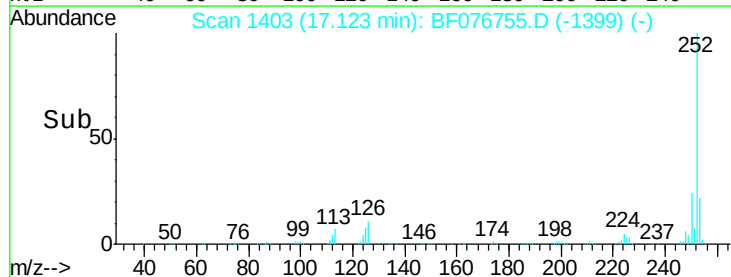
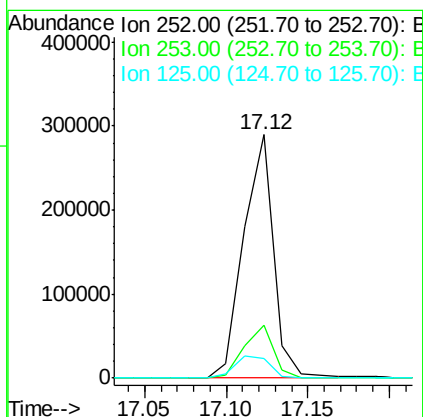
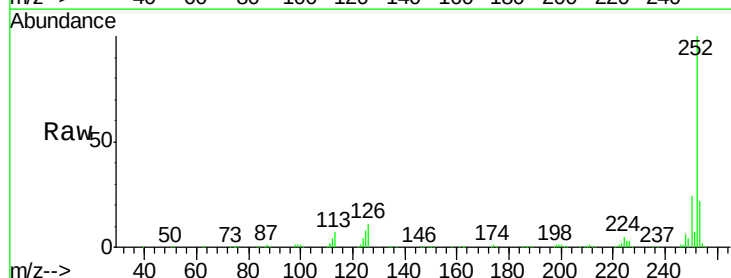
Instrument :
BNA_F
ClientSampleId :
PB81192BSD

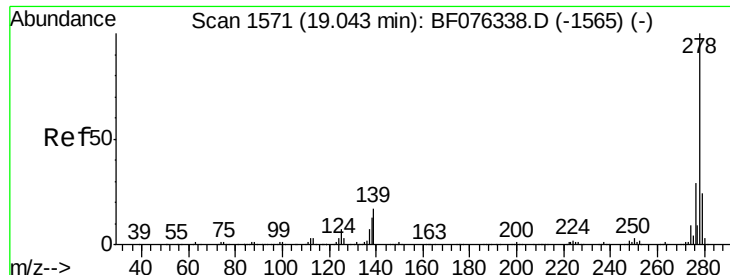
Tot Ion:252 Resp: 392356
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 8.0 5.4 8.2



#89
Benzo(a)pyrene
Concen: 39.69 ng
RT: 17.12 min Scan# 1403
Delta R.T. -0.06 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:252 Resp: 369432
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 7.9 8.2 12.2#



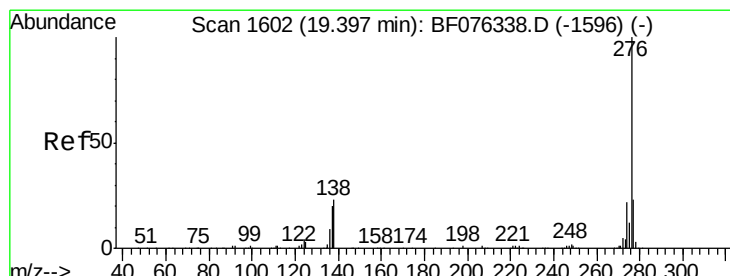
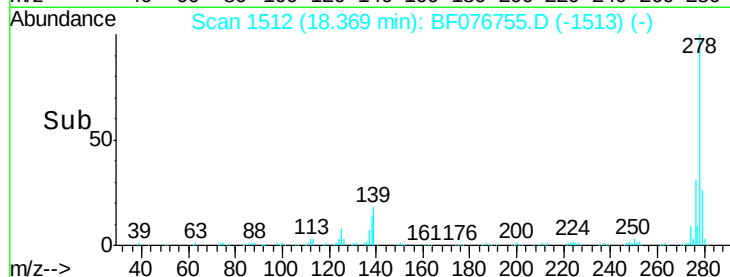
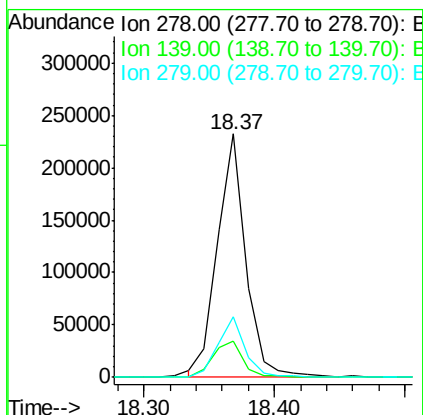
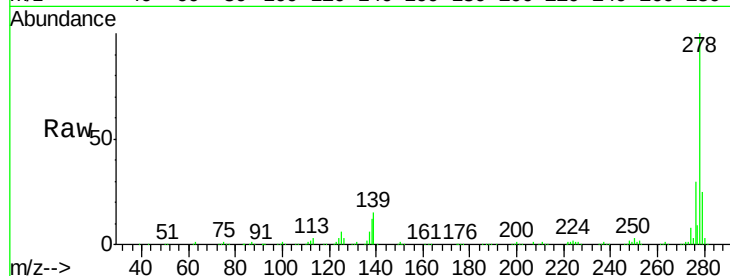


#90
Dibenzo(a,h)anthracene
Concen: 37.74 ng
RT: 18.37 min Scan# 1512
Delta R.T. -0.11 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Instrument :
BNA_F
ClientSampleId :
PB81192BSD

Tot Ion:278 Resp: 348172

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.8	20.8
279	24.7	19.0	28.6



#91
Benzo(g,h,i)perylene
Concen: 38.62 ng
RT: 18.65 min Scan# 1537
Delta R.T. -0.11 min
Lab File: BF076755.D
Acq: 6 Jan 2015 12:39

Tgt Ion:276 Resp: 346708

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	20.8	18.2	27.4

