

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076963.D
 Acq On : 20 Jan 2015 15:37
 Operator : IZ / TP
 Sample : PB81407BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 00:23:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 23:48:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	31400	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	125524	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	68854	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	113988	20.00	ng	-0.01
75) Chrysene-d12	21.24	240	112557	20.00	ng	0.00
86) Perylene-d12	22.87	264	99053	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.97	112	225312	117.98	ng	0.01
7) Phenol-d6	7.32	99	276805	114.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	170952	75.45	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	69655	124.63	ng	-0.01
44) 2-Fluorobiphenyl	13.48	172	355170	78.50	ng	0.00
78) Terphenyl-d14	19.97	244	393583	80.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.26	88	28544	34.91	ng	# 78
3) Pyridine	1.74	79	66938	31.63	ng	98
4) n-Nitrosodimethylamine	1.69	42	36472	34.79	ng	99
6) Aniline	7.20	93	66407	19.92	ng	95
8) 2-Chlorophenol	7.44	128	80429	36.53	ng	93
9) Benzaldehyde	6.92	77	21058	13.33	ng	91
10) Phenol	7.34	94	99294	38.81	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	78827	39.38	ng	# 79
12) 1,3-Dichlorobenzene	7.76	146	92316	36.85	ng	96
13) 1,4-Dichlorobenzene	7.94	146	93439	35.18	ng	96
14) 1,2-Dichlorobenzene	8.26	146	88076	35.99	ng	99
15) Benzyl Alcohol	8.34	79	72054	36.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	100604	37.39	ng	97
17) 2-Methylphenol	8.70	107	65940	36.65	ng	93
18) Hexachloroethane	9.01	117	34652	37.51	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	59907	35.52	ng	96
20) 3+4-Methylphenols	9.08	107	86082	36.13	ng	97
22) Acetophenone	8.90	105	121983	39.68	ng	98
24) Nitrobenzene	9.25	77	91934	39.83	ng	96
25) Isophorone	9.85	82	160166	38.82	ng	95
26) 2-Nitrophenol	9.99	139	43406	37.14	ng	# 87
27) 2,4-Dimethylphenol	10.28	122	73484	41.17	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	97364	41.51	ng	99
29) 2,4-Dichlorophenol	10.60	162	70813	42.57	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	74547	40.35	ng	98
31) Naphthalene	10.87	128	246026	38.07	ng	98
32) Benzoic acid	10.62	122	22674	22.93	ng	99
33) 4-Chloroaniline	11.11	127	57747	22.11	ng	98
34) Hexachlorobutadiene	11.24	225	40977	37.38	ng	95
35) Caprolactam	11.94	113	11501	23.48	ng	# 73
36) 4-Chloro-3-methylphenol	12.41	107	78207	41.06	ng	98
37) 2-Methylnaphthalene	12.53	142	173003	39.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	66449	39.03	ng	98
40) Hexachlorocyclopentadiene	12.92	237	73343	80.03	ng	95

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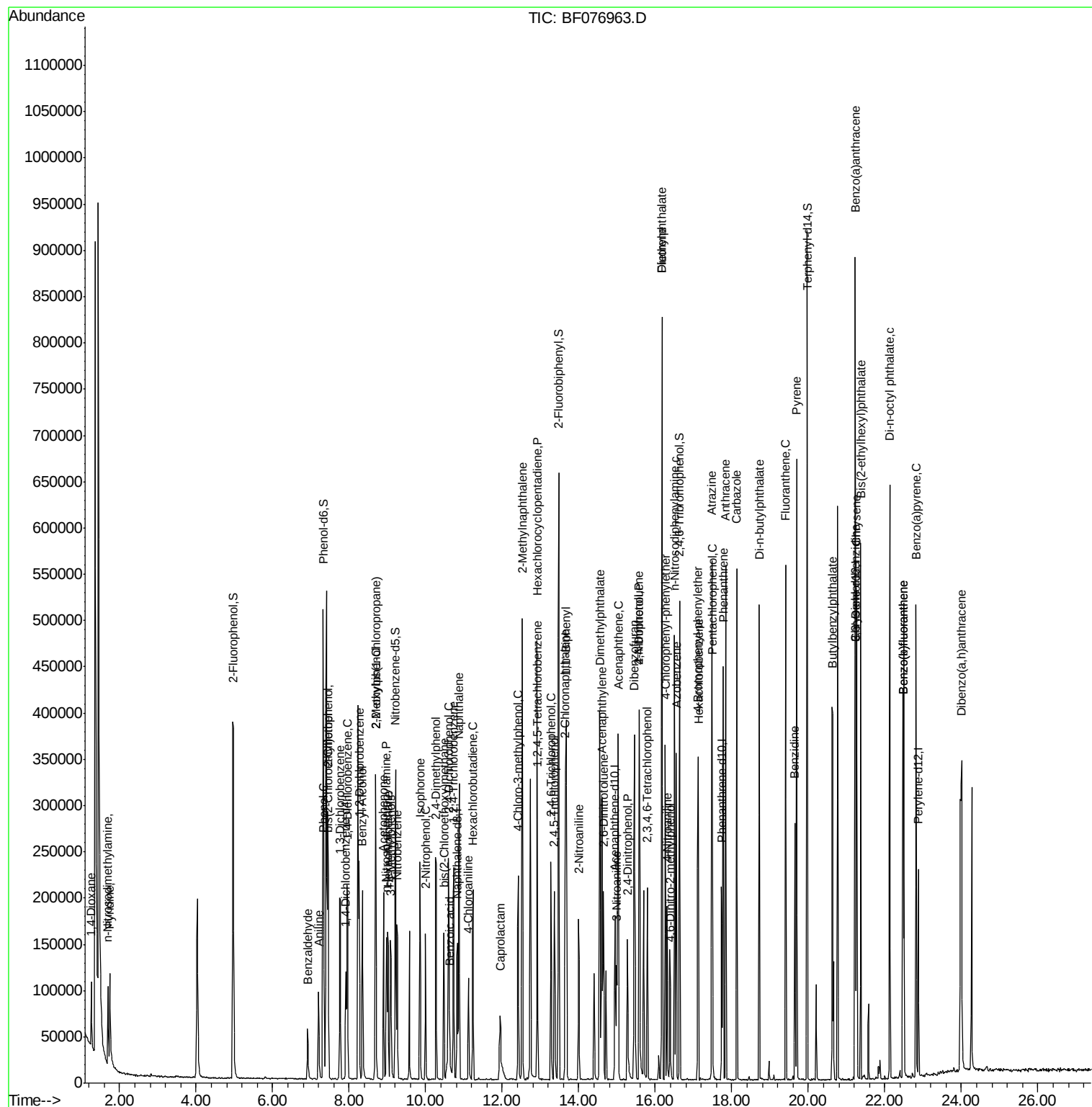
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	48555	39.15	nq	89
43) 2,4,5-Trichlorophenol	13.36	196	52048	41.14	nq	97
45) 1,1'-Biphenyl	13.67	154	202817	39.73	nq	98
46) 2-Chloronaphthalene	13.65	162	166248	39.58	nq	96
47) 2-Nitroaniline	13.99	65	53646	42.10	nq	96
48) Acenaphthylene	14.61	152	267549	37.76	nq	100
49) Dimethylphthalate	14.55	163	200381	41.04	nq	99
50) 2,6-Dinitrotoluene	14.64	165	40709	41.73	nq	# 91
51) Acenaphthene	15.03	154	149550	37.20	nq	94
52) 3-Nitroaniline	14.99	138	34509	27.88	nq	94
53) 2,4-Dinitrophenol	15.27	184	33410	74.01	nq	96
54) Dibenzofuran	15.45	168	237362	40.53	nq	100
55) 4-Nitrophenol	15.58	139	65710	85.85	nq	92
56) 2,4-Dinitrotoluene	15.58	165	57805	39.90	nq	# 88
57) Fluorene	16.17	166	190868	38.47	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.79	232	40747	44.24	nq	# 96
59) Diethylphthalate	16.17	149	206918	41.93	nq	98
60) 4-Chlorophenyl-phenylether	16.27	204	81488	40.14	nq	95
61) 4-Nitroaniline	16.31	138	42060	34.61	nq	96
62) Azobenzene	16.55	77	204807	39.83	nq	97
64) 4,6-Dinitro-2-methylphenol	16.39	198	26463	36.94	nq	99
65) n-Nitrosodiphenylamine	16.51	169	164084	40.37	nq	98
66) 4-Bromophenyl-phenylether	17.11	248	46906	40.62	nq	88
67) Hexachlorobenzene	17.12	284	50887	41.81	nq	93
68) Atrazine	17.48	200	60993	49.45	nq	94
69) Pentachlorophenol	17.49	266	47755	85.07	nq	96
70) Phenanthrene	17.77	178	279350	39.30	nq	99
71) Anthracene	17.84	178	284740	41.08	nq	100
72) Carbazole	18.13	167	269101	40.03	nq	99
73) Di-n-butylphthalate	18.72	149	351347	45.15	nq	99
74) Fluoranthene	19.41	202	294615	40.45	nq	98
76) Benzidine	19.65	184	124366	34.53	nq	99
77) Pyrene	19.69	202	308664	40.01	nq	99
79) Butylbenzylphthalate	20.63	149	154835	44.32	nq	97
80) Benzo(a)anthracene	21.23	228	273190	38.69	nq	100
81) 3,3'-Dichlorobenzidine	21.24	252	61923	27.59	nq	# 96
82) Chrysene	21.26	228	261011	40.53	nq	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	213319	44.13	nq	# 97
84) Di-n-octyl phthalate	22.13	149	390422	46.54	nq	98
87) Benzo(b)fluoranthene	22.47	252	270139	40.49	nq	# 94
88) Benzo(k)fluoranthene	22.47	252	270139	46.35	nq	# 97
89) Benzo(a)pyrene	22.81	252	233913	39.75	nq	100
90) Dibenzo(a,h)anthracene	24.00	278	173302	32.10	nq	98

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

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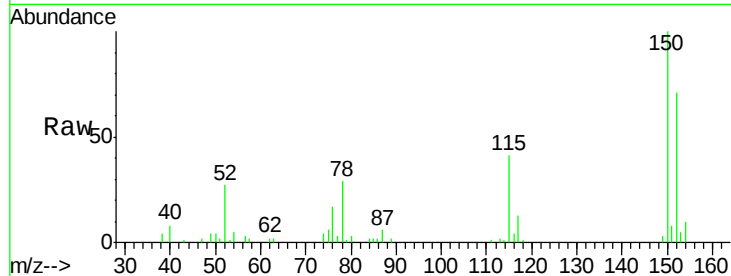


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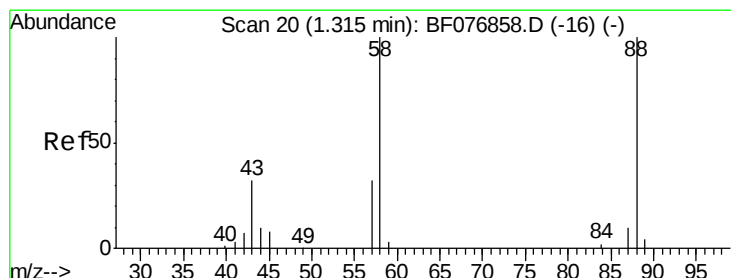
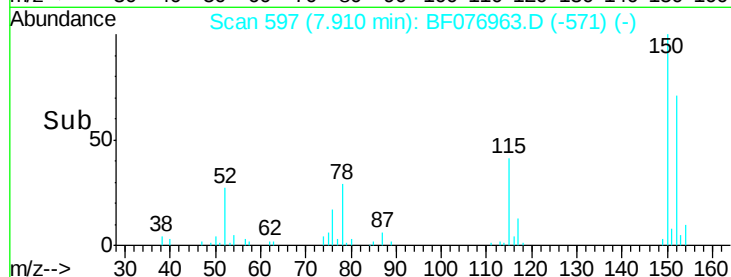
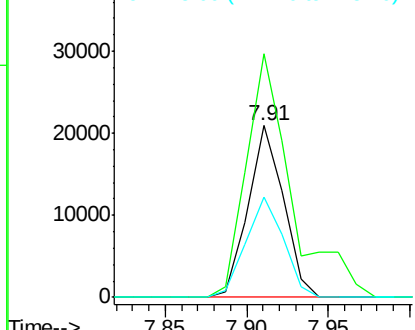
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31400
Ion Ratio Lower Upper
152 100
150 141.7 121.7 182.5
115 58.1 47.0 70.6



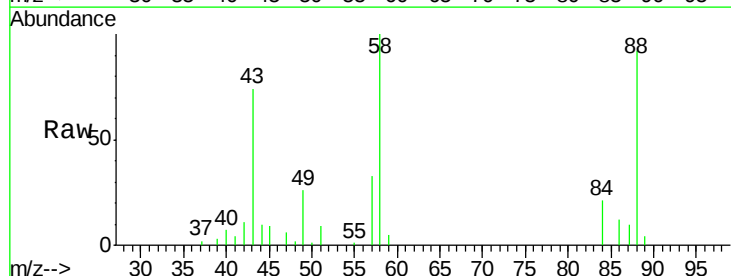
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



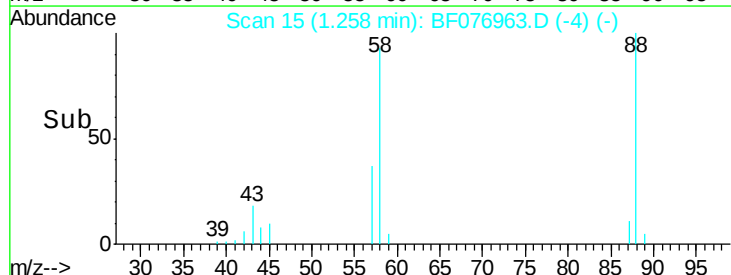
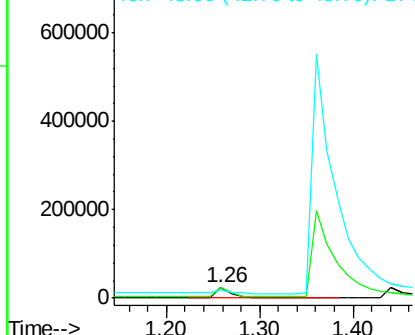
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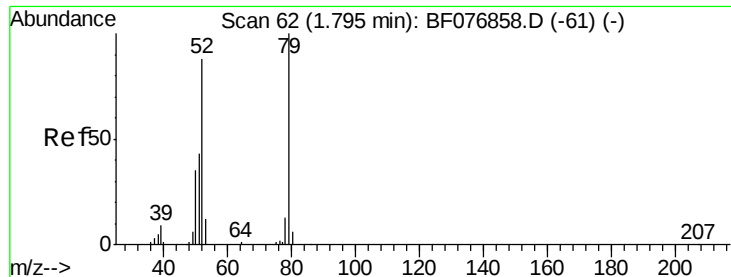
1,4-Dioxane
Concen: 34.91 ng
RT: 1.26 min Scan# 15
Delta R.T. 0.02 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion: 88 Resp: 28544
Ion Ratio Lower Upper
88 100
58 85.7 77.0 115.4
43 0.0 25.6 38.4#



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





#3

Pvridine

Concen: 31.63 ng

RT: 1.74 min Scan# 57

Delta R.T. 0.03 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampleId :

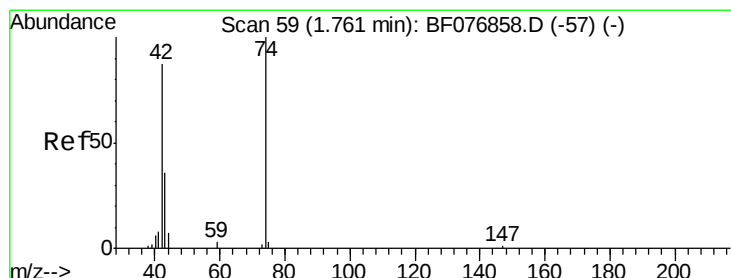
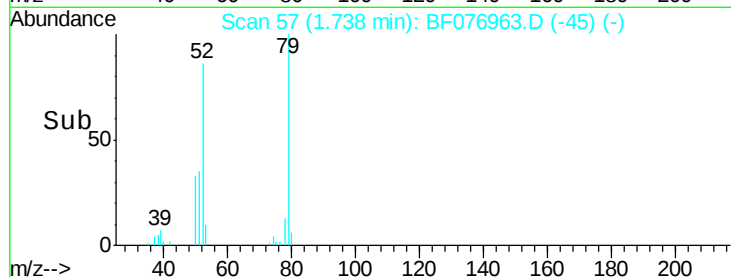
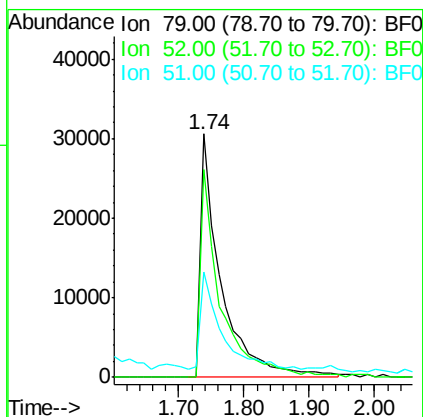
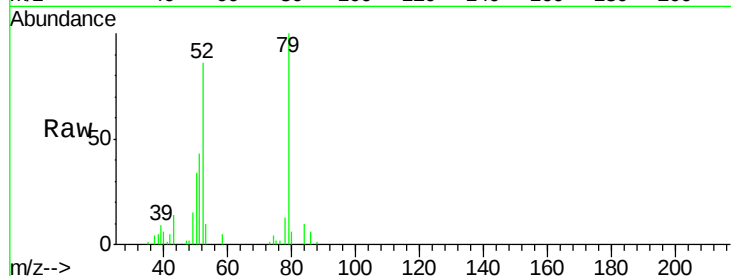
Tot Ion: 79 Resp: 66938

Ion Ratio Lower Upper

79 100

52 85.6 70.1 105.1

51 43.4 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 34.79 ng

RT: 1.69 min Scan# 53

Delta R.T. 0.02 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

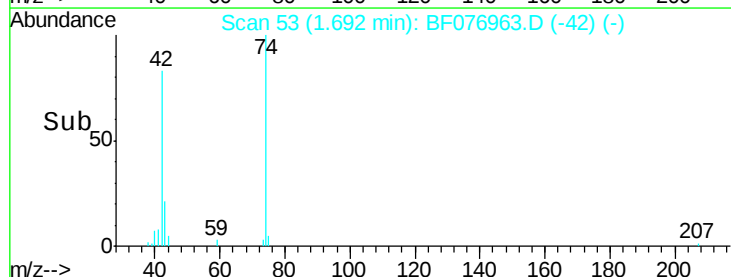
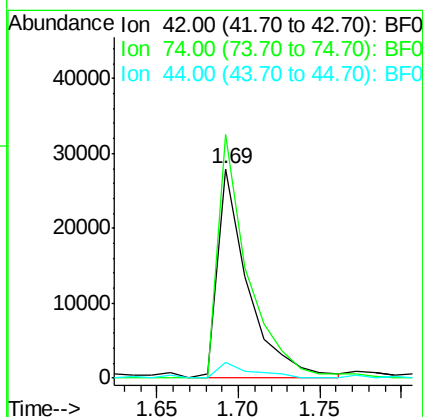
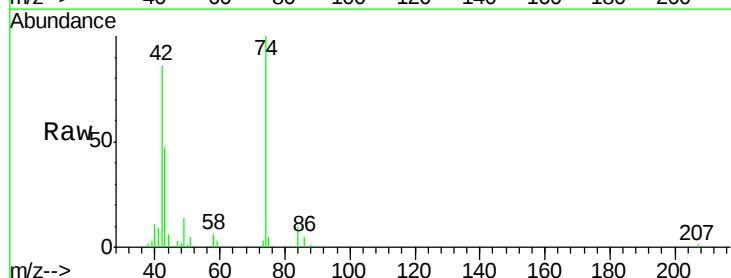
Tgt Ion: 42 Resp: 36472

Ion Ratio Lower Upper

42 100

74 116.3 92.4 138.6

44 7.5 6.2 9.2





#5

2-Fluorophenol

Concen: 117.98 ng

RT: 4.97 min Scan# 340

Delta R.T. 0.01 min

Lab File: BF076963.D

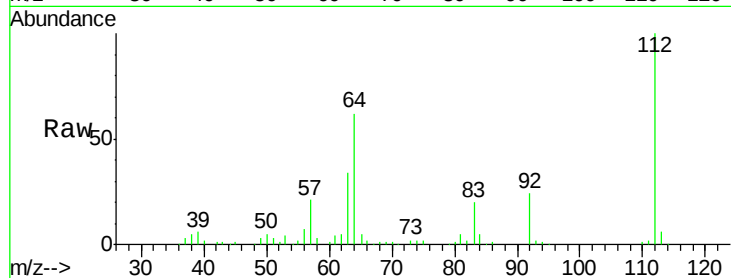
Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampled :

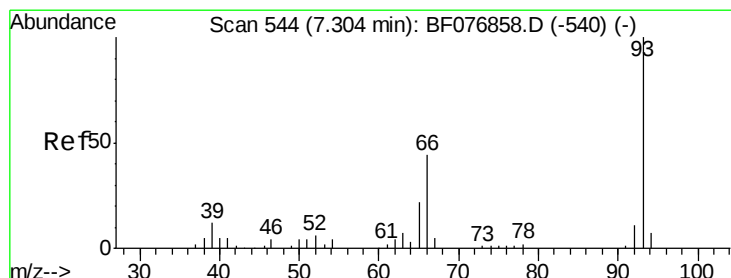
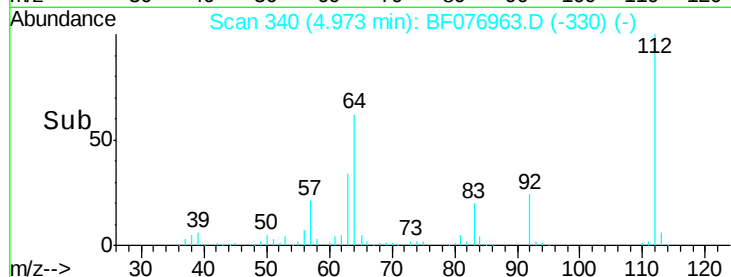
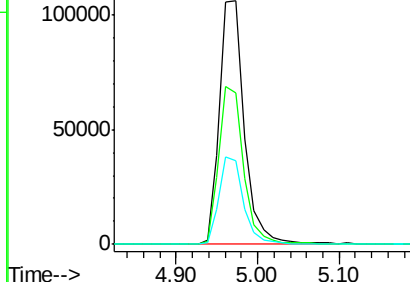
Tot Ion:	112	Resp:	225312
Ion	Ratio	Lower	Upper
112	100		
64	62.0	54.2	81.4
63	34.3	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.92 ng

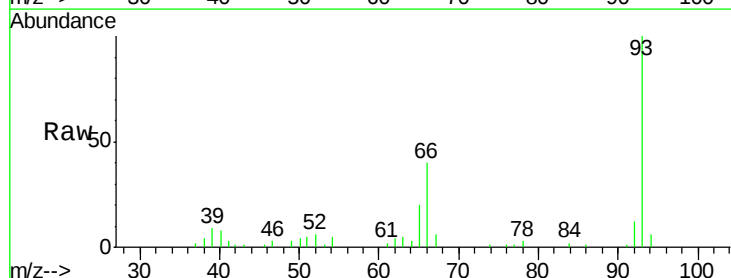
RT: 7.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

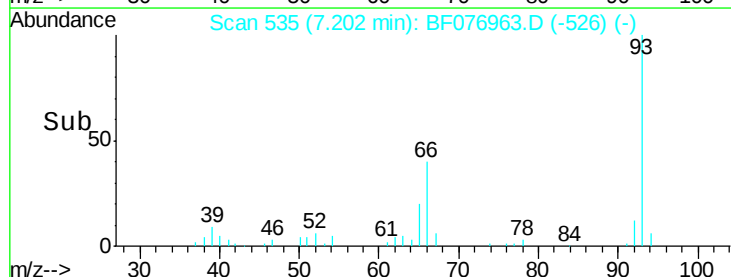
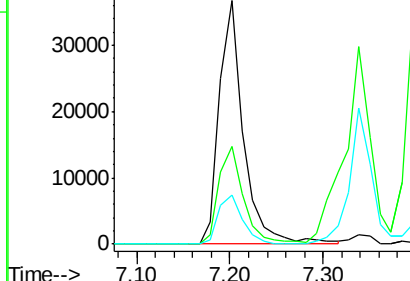
Tgt Ion:	93	Resp:	66407
Ion	Ratio	Lower	Upper
93	100		
66	40.2	35.0	52.4
65	19.9	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.89 ng

RT: 7.32 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampled :

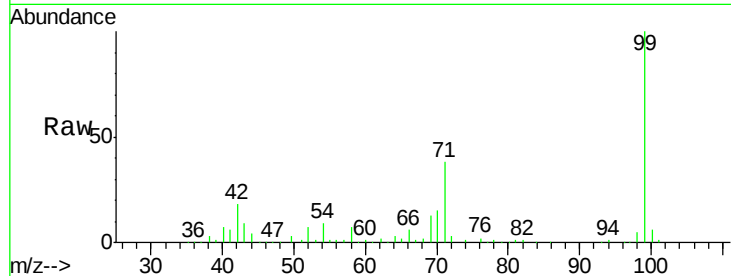
Tot Ion: 99 Resp: 276805

Ion Ratio Lower Upper

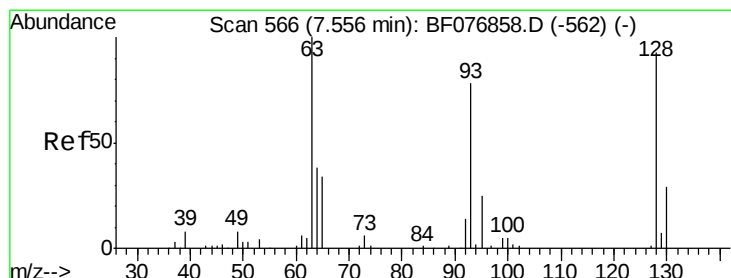
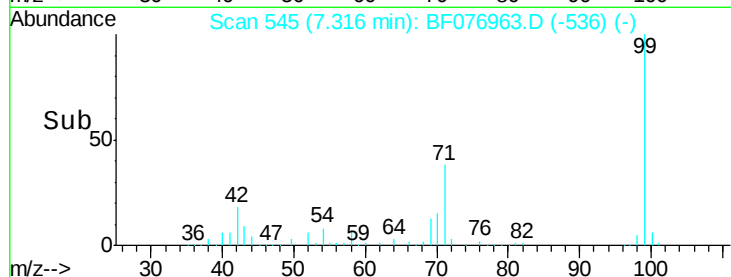
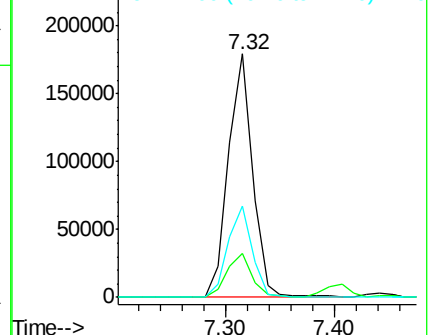
99 100

42 18.0 15.0 22.4

71 37.6 30.5 45.7



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



#8

2-Chlorophenol

Concen: 36.53 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.00 min

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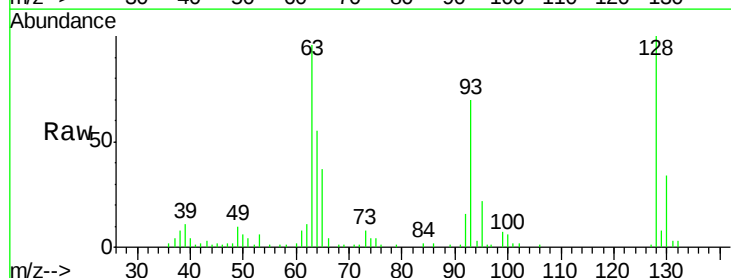
Tgt Ion: 128 Resp: 80429

Ion Ratio Lower Upper

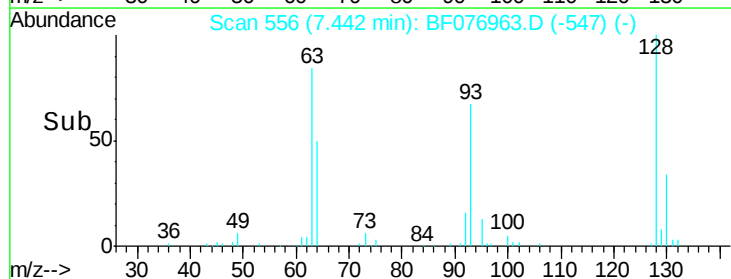
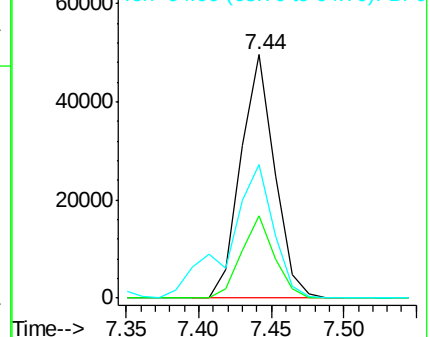
128 100

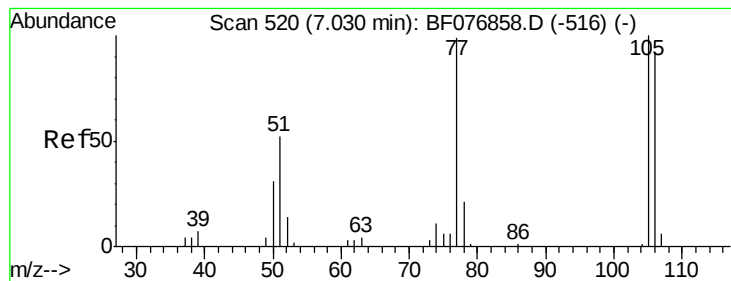
130 33.7 11.0 51.0

64 54.6 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.33 ng

RT: 6.92 min Scan# 510

Delta R.T. -0.00 min

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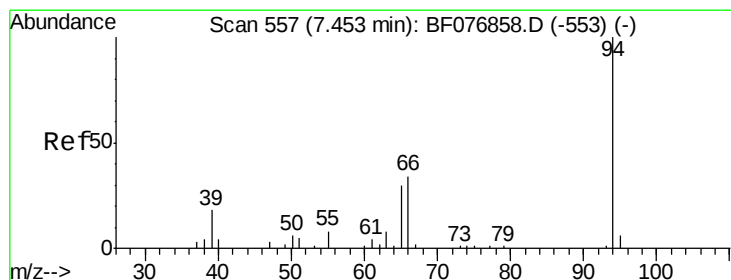
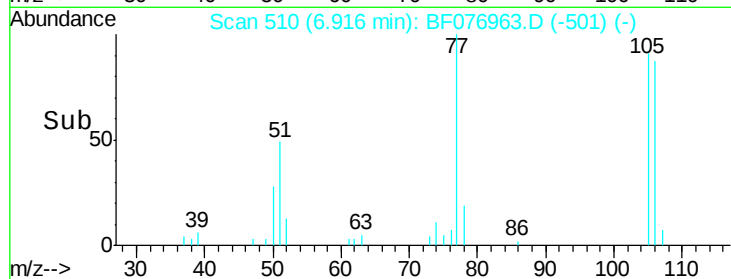
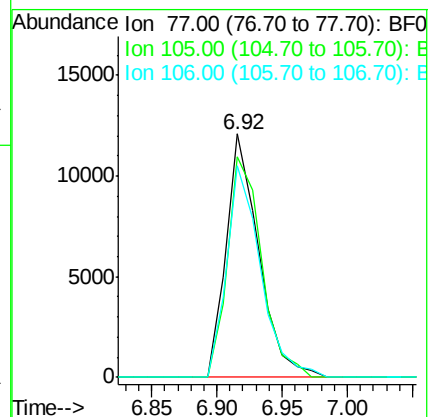
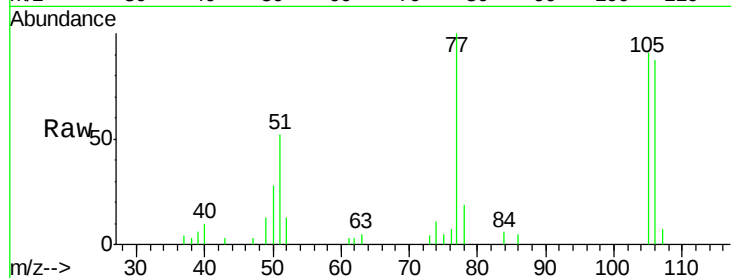
Tot Ion: 77 Resp: 21058

Ion Ratio Lower Upper

77 100

105 90.8 81.4 121.4

106 86.7 72.8 112.8



#10

Phenol

Concen: 38.81 ng

RT: 7.34 min Scan# 547

Delta R.T. -0.01 min

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Acq: 20 Jan 2015 15:37

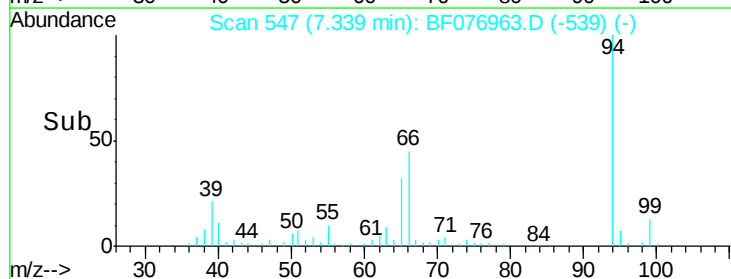
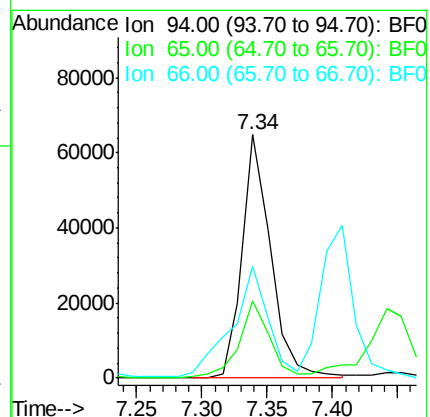
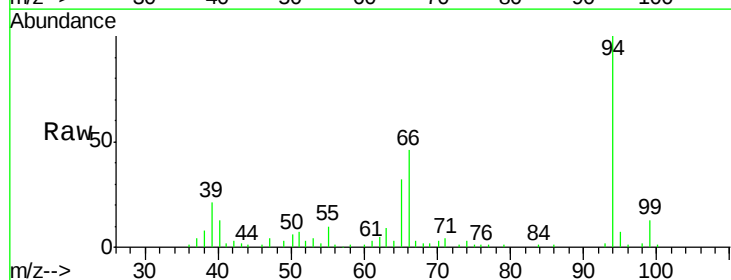
Tgt Ion: 94 Resp: 99294

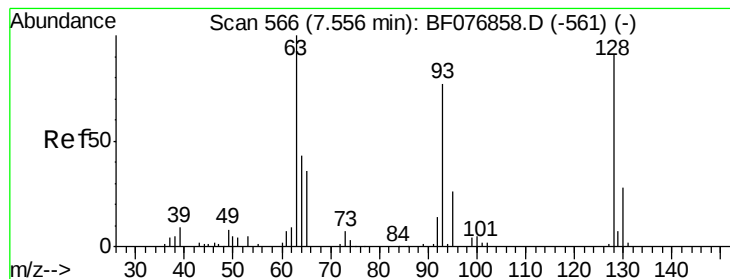
Ion Ratio Lower Upper

94 100

65 31.6 11.3 51.3

66 46.0 19.5 59.5

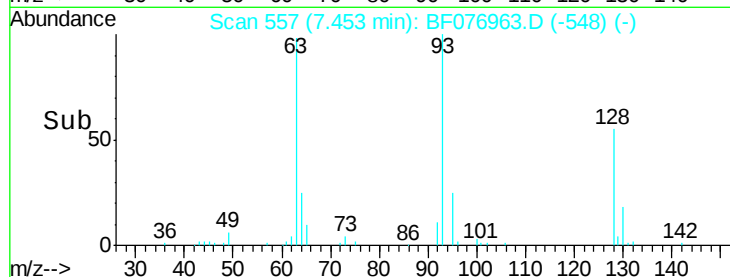
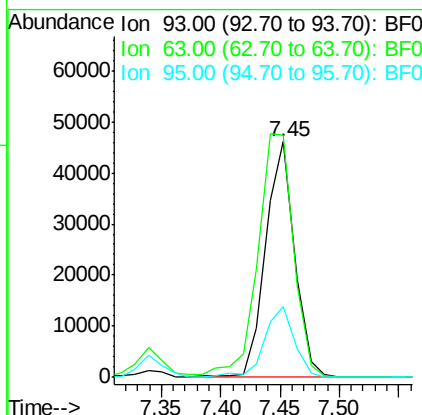
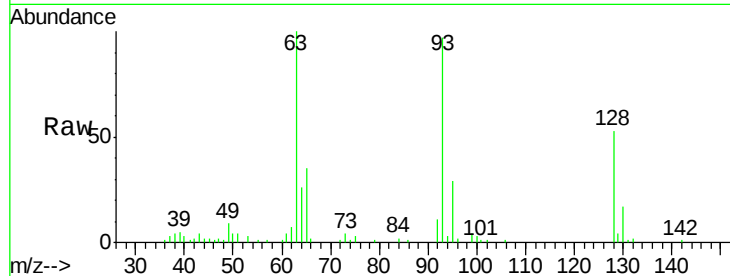




#11
bis(2-Chloroethyl)ether
Concen: 39.38 ng
RT: 7.45 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

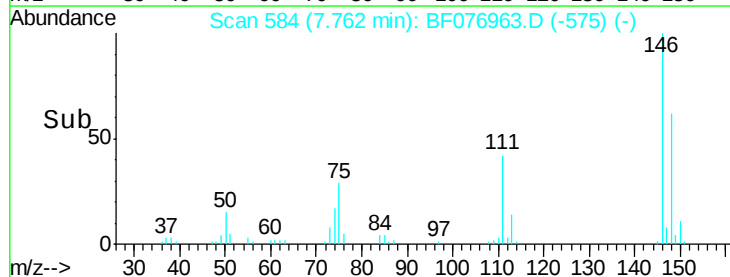
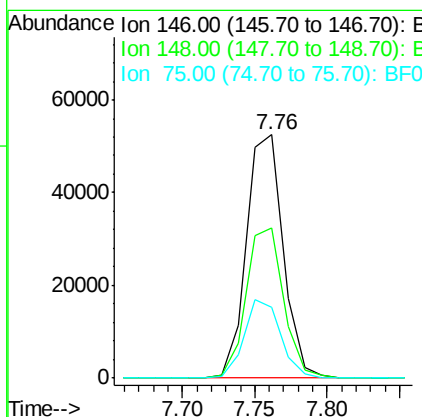
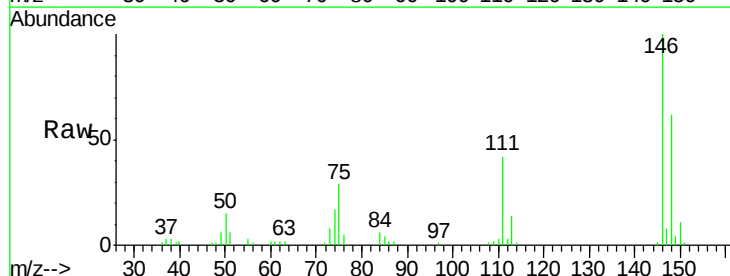
Instrument :
BNA_F
ClientSampleId :

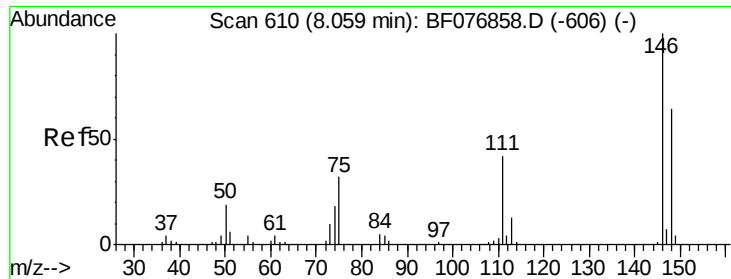
Tot Ion: 93 Resp: 78827
Ion Ratio Lower Upper
93 100
63 102.7 111.3 151.3#
95 30.0 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 36.85 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion: 146 Resp: 92316
Ion Ratio Lower Upper
146 100
148 61.8 48.1 72.1
75 29.2 26.8 40.2

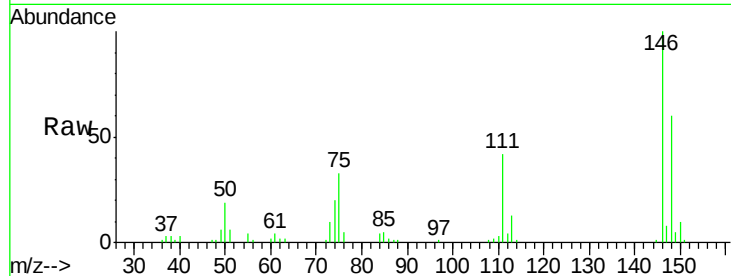




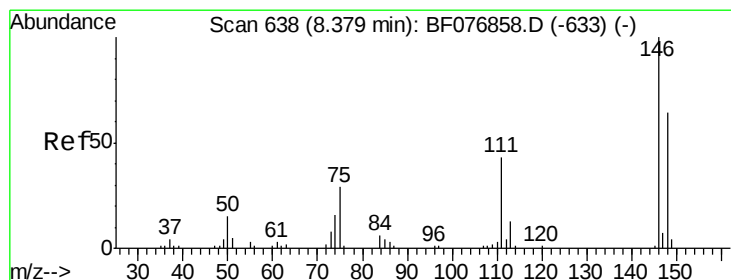
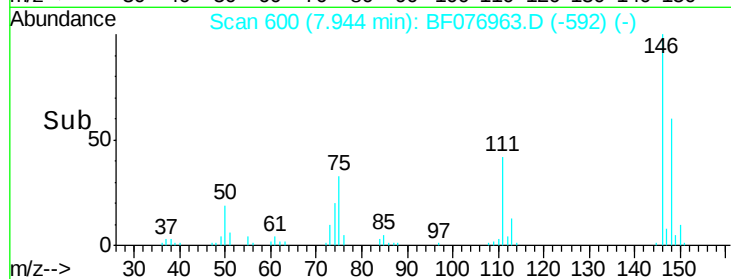
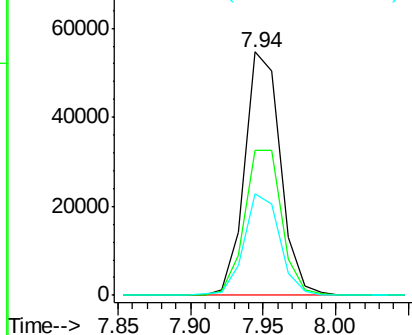
#13
 1,4-Dichlorobenzene
 Concen: 35.18 ng
 RT: 7.94 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 93439
 Ion Ratio Lower Upper
 146 100
 148 59.6 51.5 77.3
 111 41.8 33.9 50.9

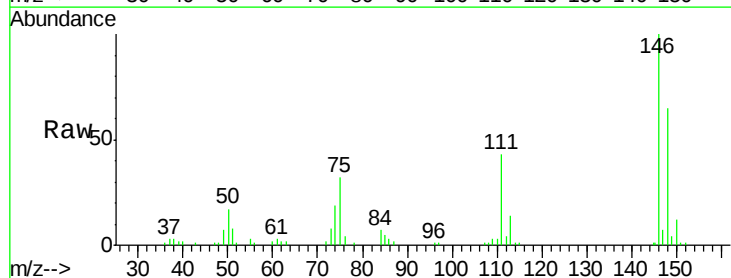


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

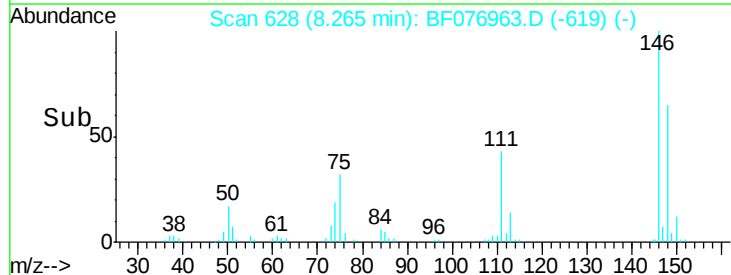
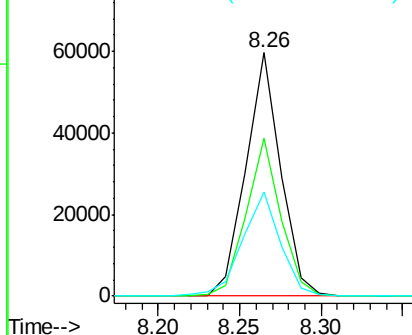


#14
 1,2-Dichlorobenzene
 Concen: 35.99 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:146 Resp: 88076
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.3 76.9
 111 42.7 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 36.96 ng

RT: 8.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampled :

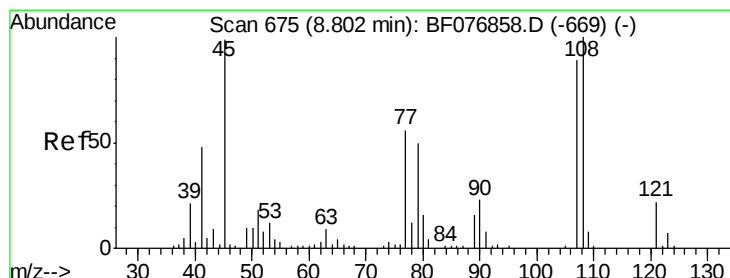
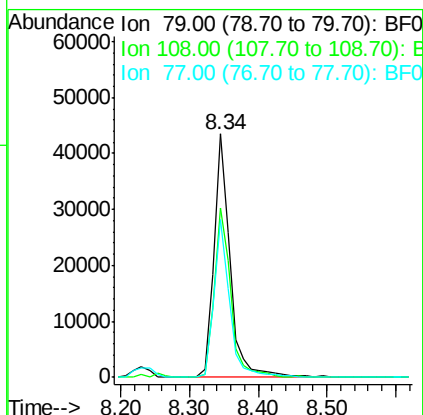
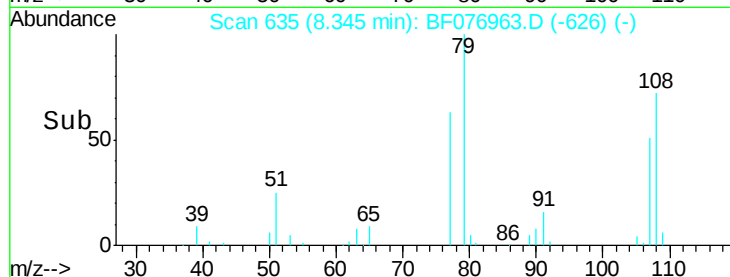
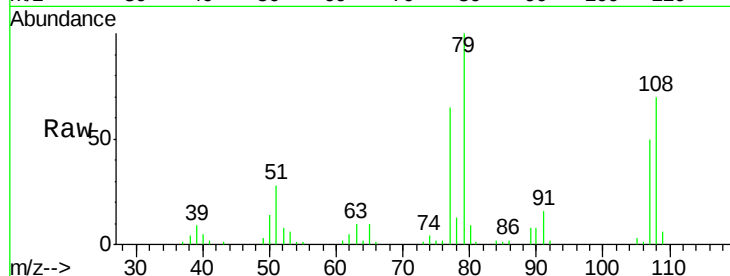
Tot Ion: 79 Resp: 72054

Ion Ratio Lower Upper

79 100

108 69.7 57.2 85.8

77 64.7 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.39 ng

RT: 8.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

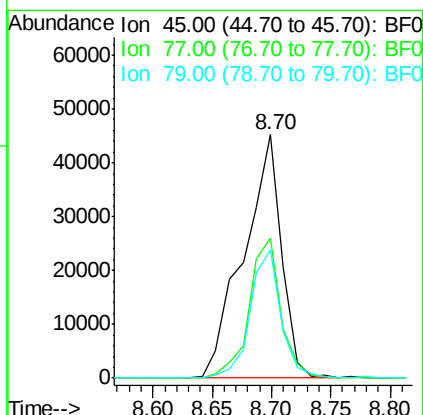
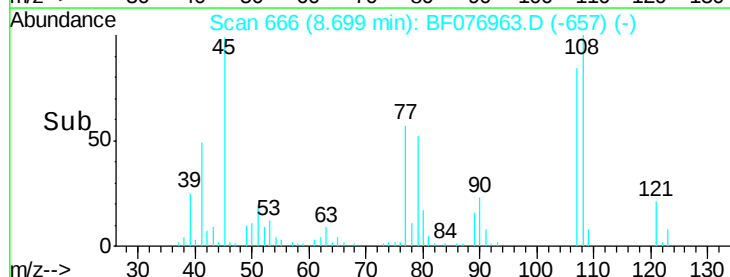
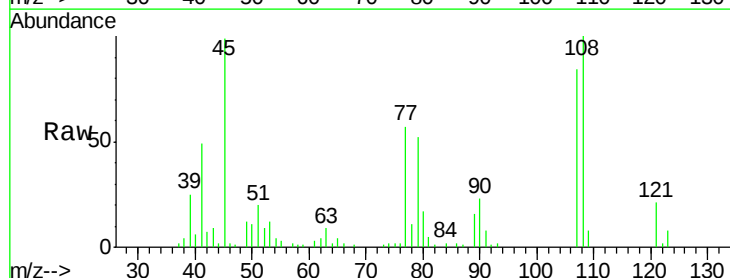
Tgt Ion: 45 Resp: 100604

Ion Ratio Lower Upper

45 100

77 57.4 36.1 76.1

79 52.9 30.5 70.5

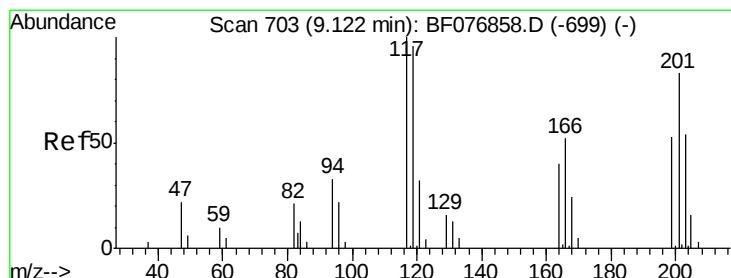
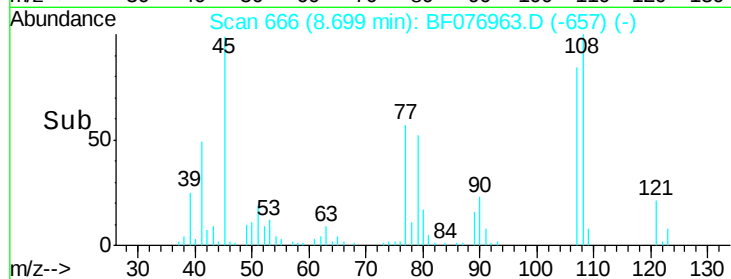
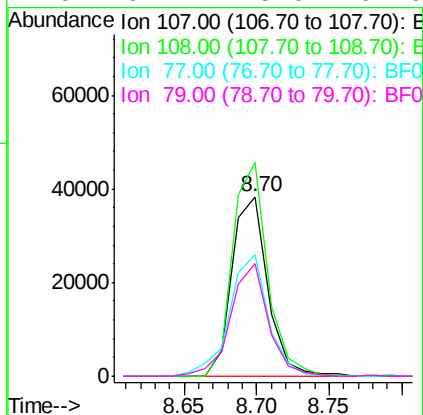
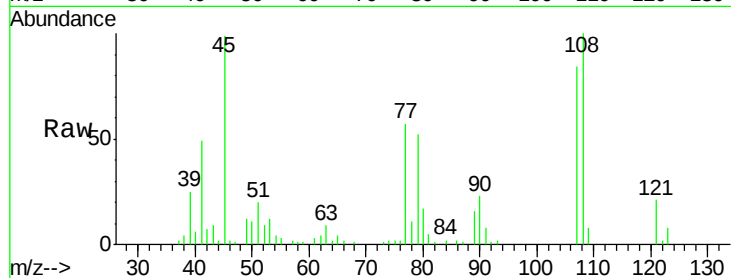




#17
2-Methylphenol
Concen: 36.65 ng
RT: 8.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

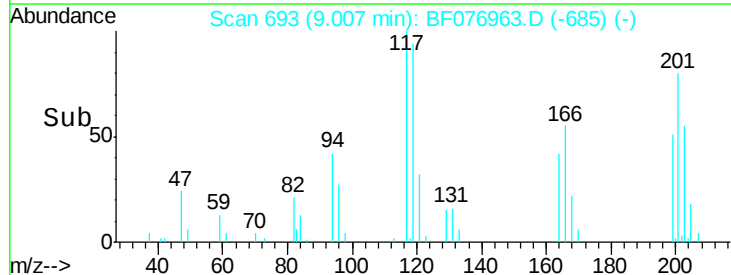
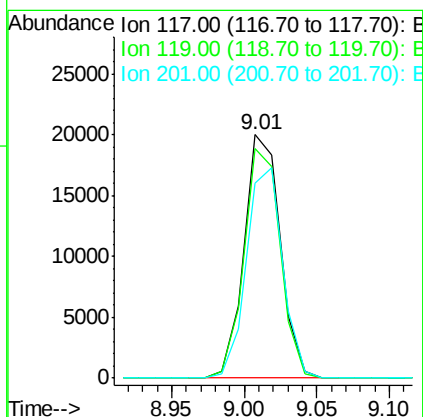
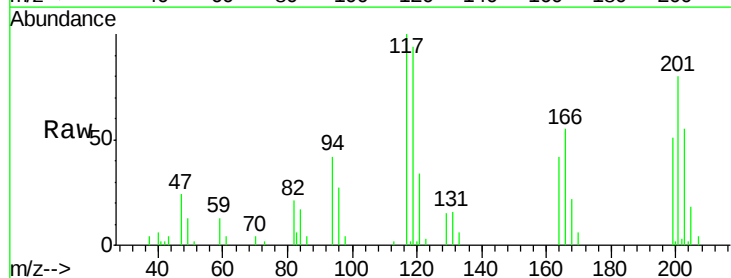
Instrument :
BNA_F
ClientSampleId :

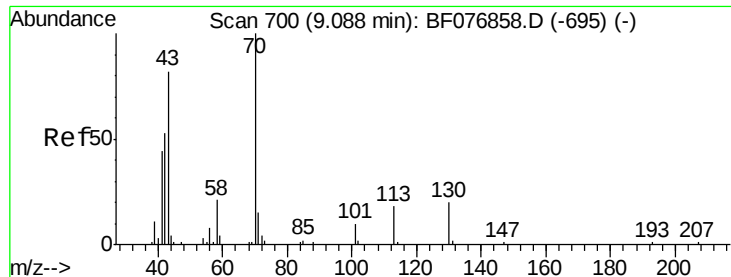
Tot Ion:107 Resp: 65940
Ion Ratio Lower Upper
107 100
108 118.9 89.7 134.5
77 67.6 50.1 75.1
79 62.4 45.0 67.6



#18
Hexachloroethane
Concen: 37.51 ng
RT: 9.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:117 Resp: 34652
Ion Ratio Lower Upper
117 100
119 94.1 77.1 115.7
201 80.0 66.8 100.2

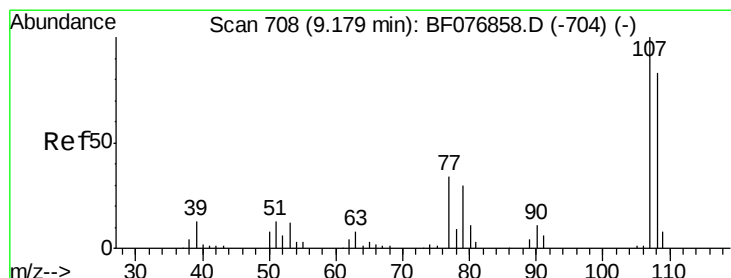
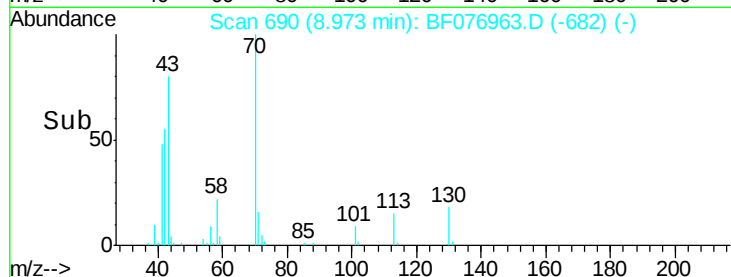
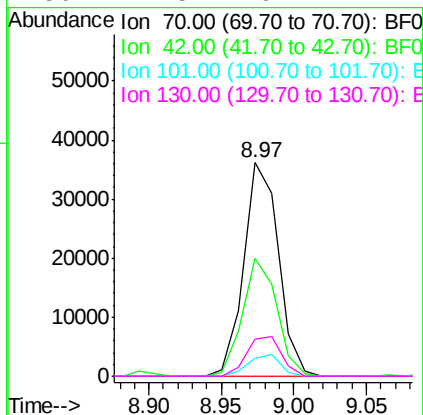
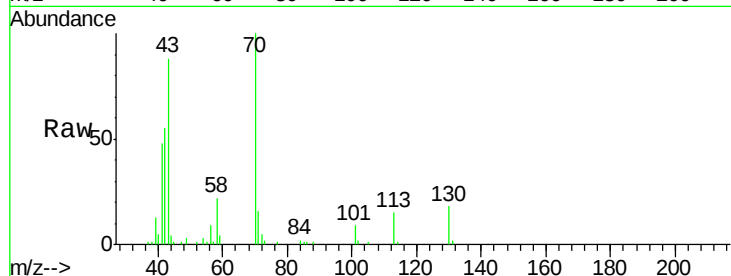




#19
n-Nitroso-di-n-propylamine
Concen: 35.52 ng
RT: 8.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

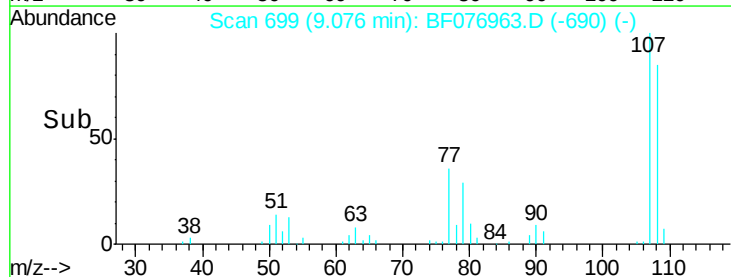
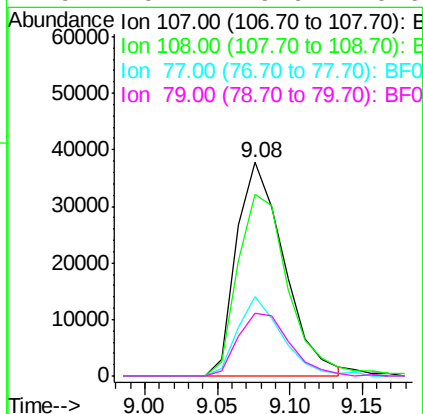
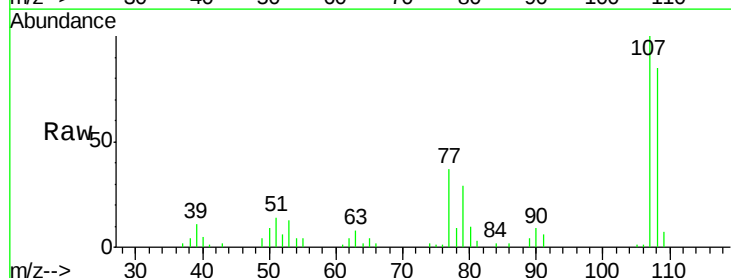
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	59907
Ion	Ratio	Lower	Upper
70	100		
42	55.0	42.1	63.1
101	8.6	7.8	11.8
130	17.5	16.2	24.4



#20
3+4-Methylphenols
Concen: 36.13 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:	107	Resp:	86082
Ion	Ratio	Lower	Upper
107	100		
108	85.4	63.5	103.5
77	37.0	14.0	54.0
79	29.2	9.9	49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

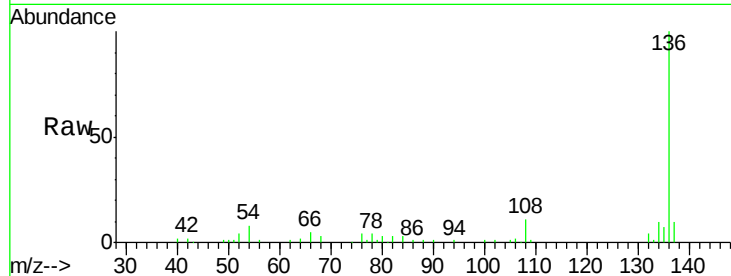
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 125524

Ion Ratio Lower Upper

136	100		
137	10.3	8.1	12.1
54	7.6	7.0	10.4
68	3.3	3.7	5.5#

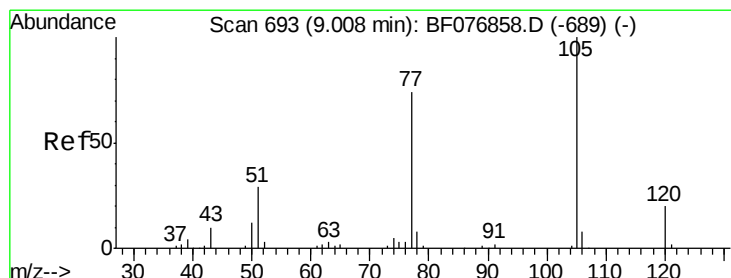
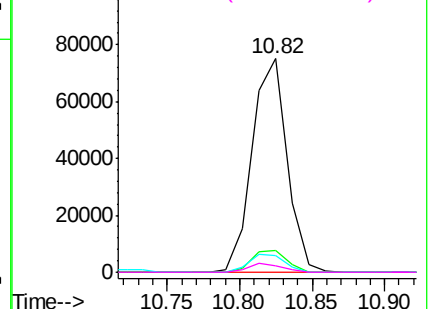
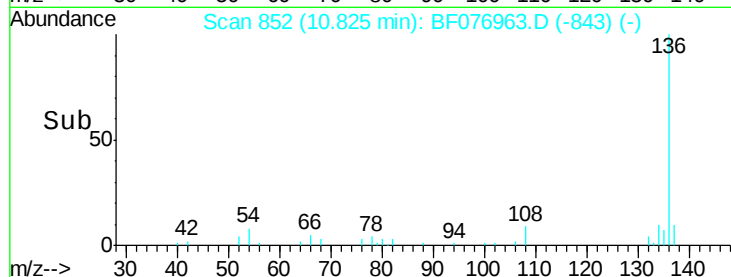


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.68 ng

RT: 8.90 min Scan# 684

Delta R.T. -0.00 min

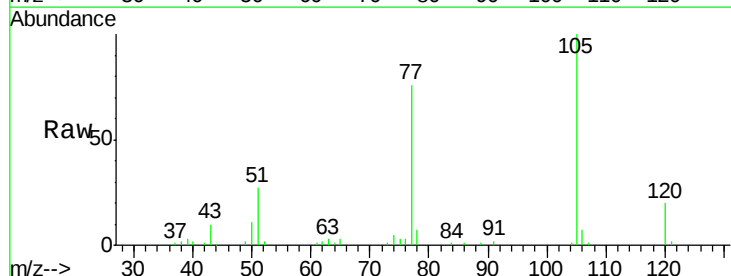
Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:105 Resp: 121983

Ion Ratio Lower Upper

105	100		
71	0.0	0.0	0.0
51	27.2	23.3	34.9
120	20.4	16.1	24.1

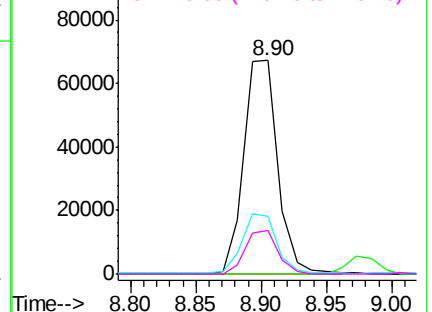
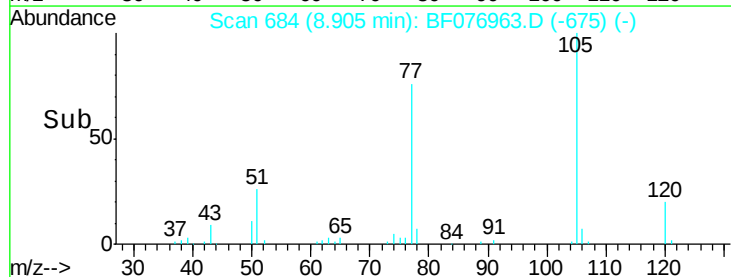


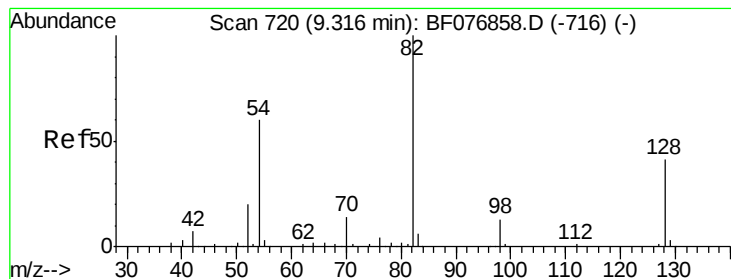
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.45 ng

RT: 9.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampled :

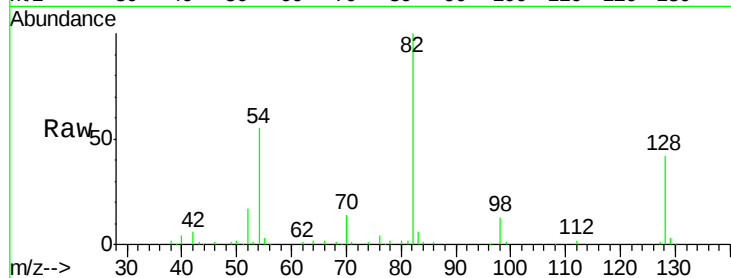
Tot Ion: 82 Resp: 170952

Ion Ratio Lower Upper

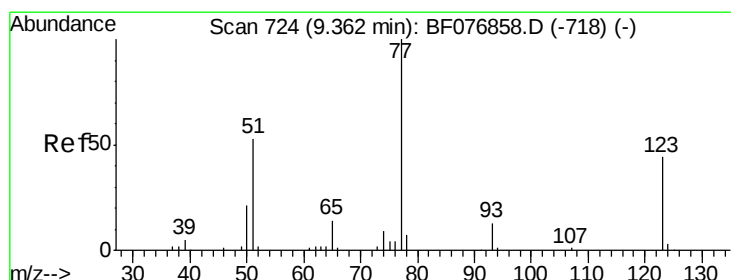
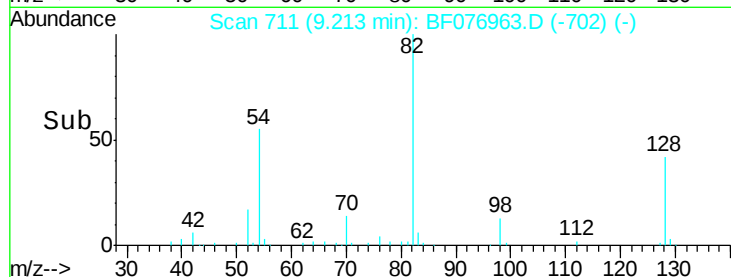
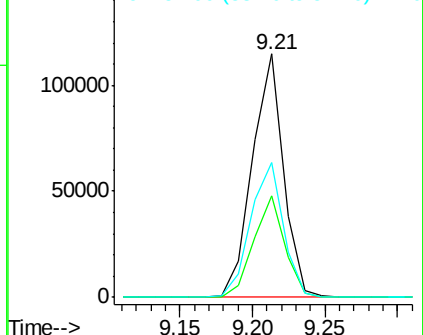
82 100

128 41.9 33.1 49.7

54 55.4 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.83 ng

RT: 9.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

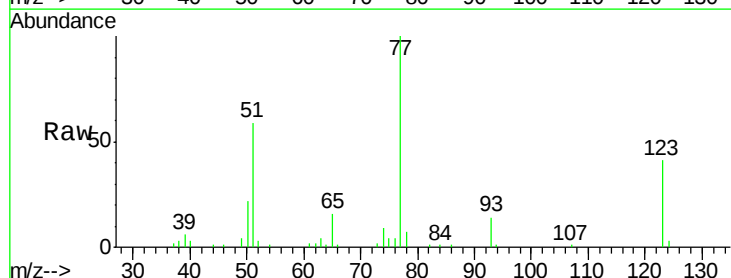
Tgt Ion: 77 Resp: 91934

Ion Ratio Lower Upper

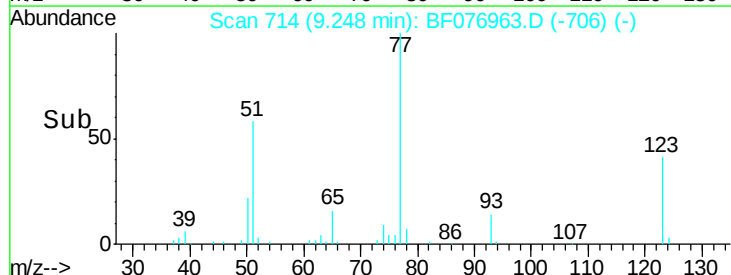
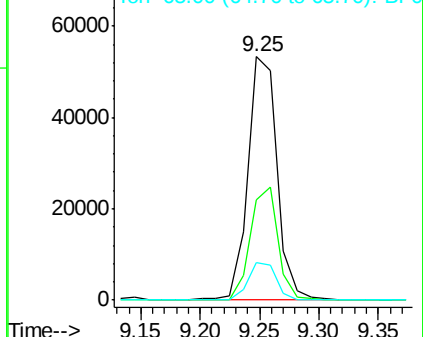
77 100

123 41.3 35.2 52.8

65 15.6 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.82 ng

RT: 9.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampled :

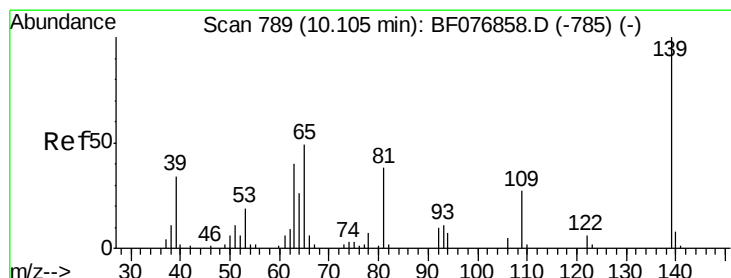
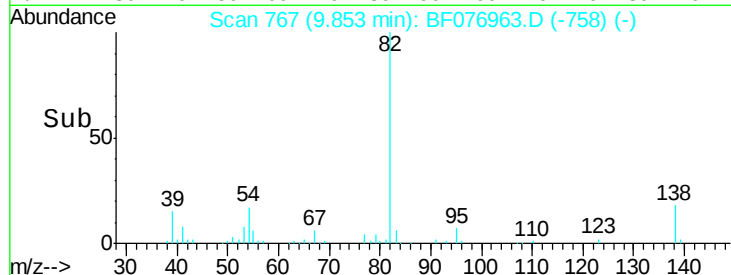
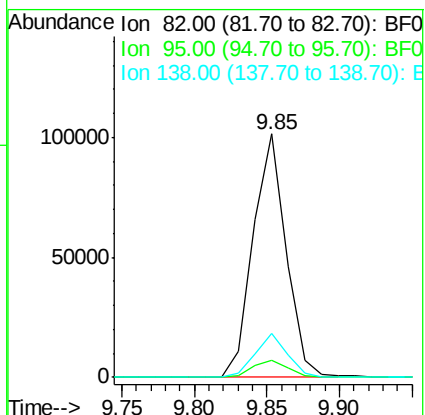
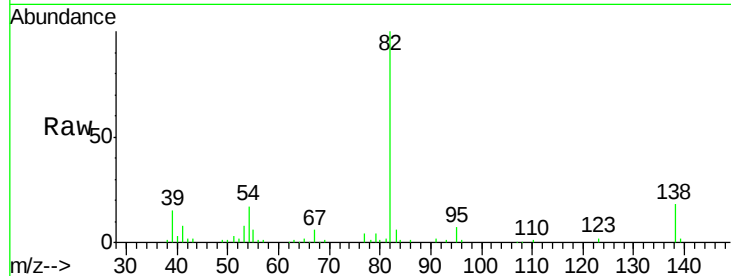
Tot Ion: 82 Resp: 160166

Ion Ratio Lower Upper

82 100

95 7.2 6.6 10.0

138 18.1 12.6 18.8



#26

2-Nitrophenol

Concen: 37.14 ng

RT: 9.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

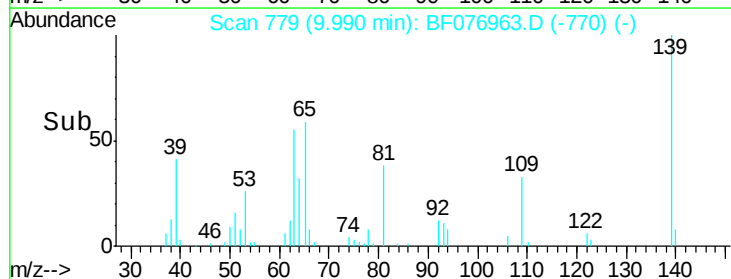
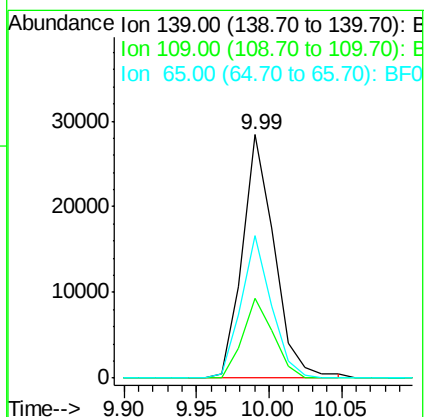
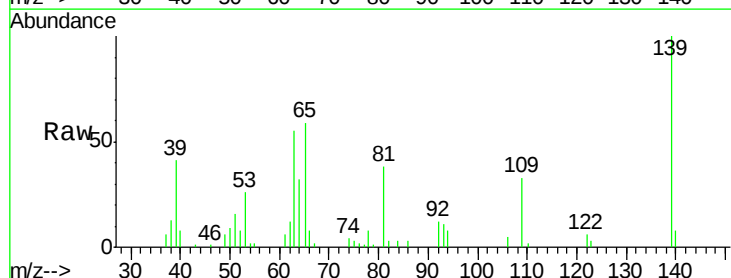
Tgt Ion: 139 Resp: 43406

Ion Ratio Lower Upper

139 100

109 32.9 21.3 31.9#

65 58.5 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 41.17 ng

RT: 10.28 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampleId :

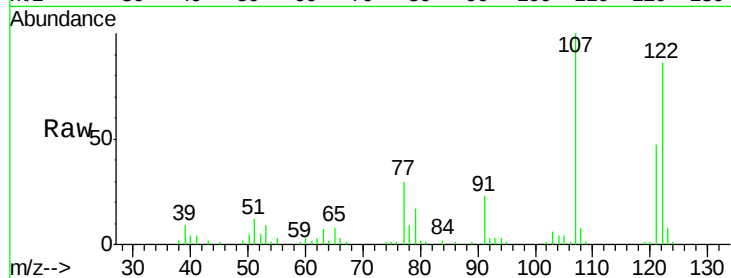
Tot Ion:122 Resp: 73484

Ion Ratio Lower Upper

122 100

107 115.7 95.2 142.8

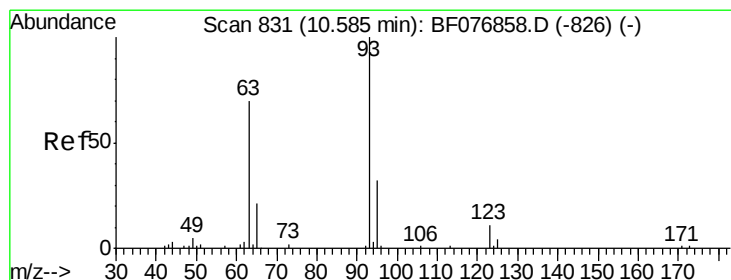
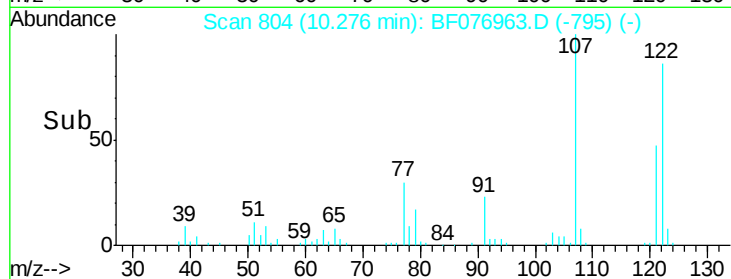
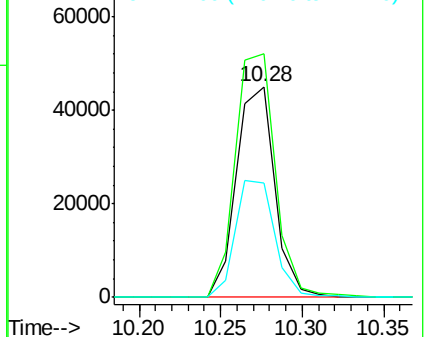
121 54.6 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.51 ng

RT: 10.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

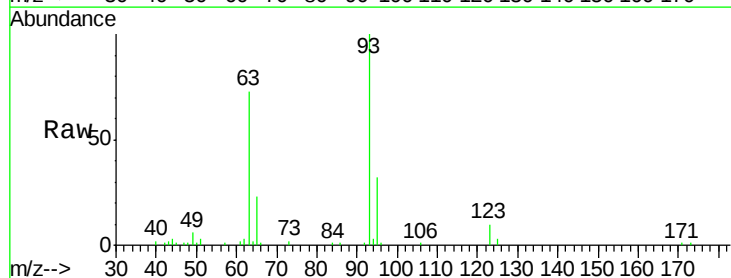
Tgt Ion: 93 Resp: 97364

Ion Ratio Lower Upper

93 100

95 32.0 25.6 38.4

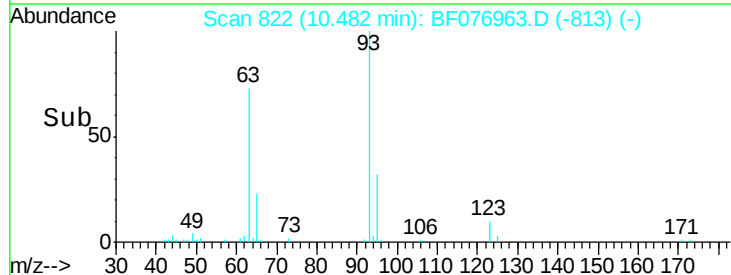
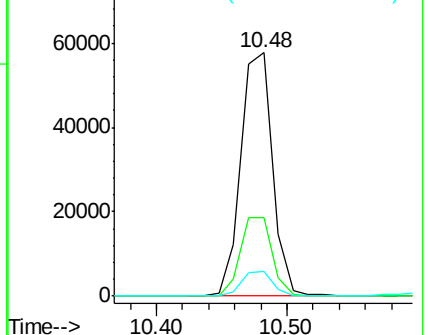
123 10.4 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

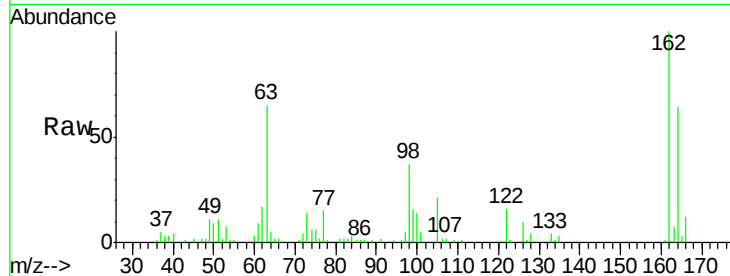




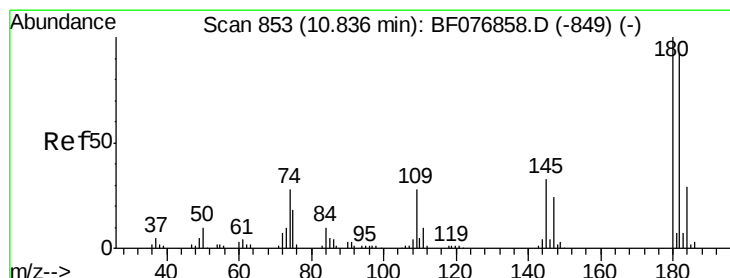
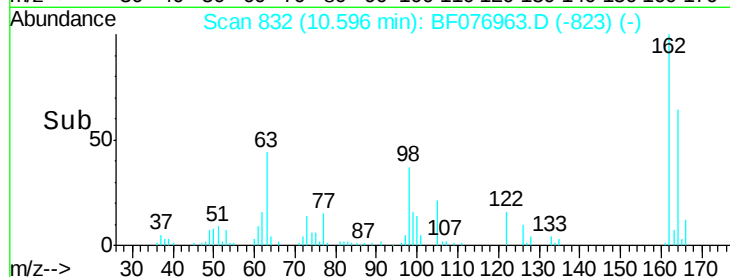
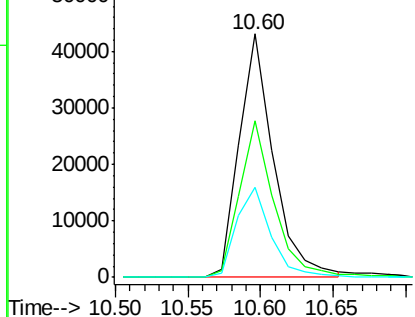
#29
 2,4-Dichlorophenol
 Concen: 42.57 ng
 RT: 10.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 70813
 Ion Ratio Lower Upper
 162 100
 164 64.2 43.8 83.8
 98 37.2 22.5 62.5

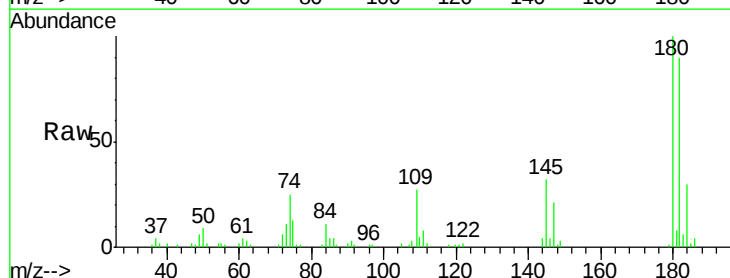


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

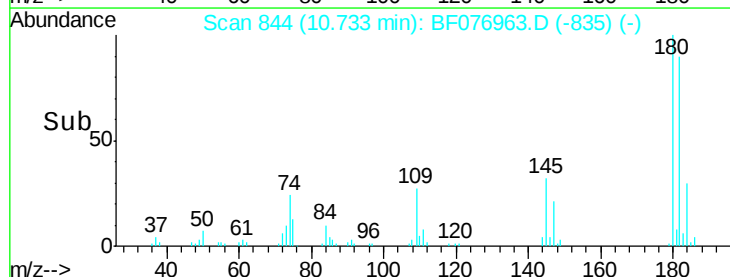
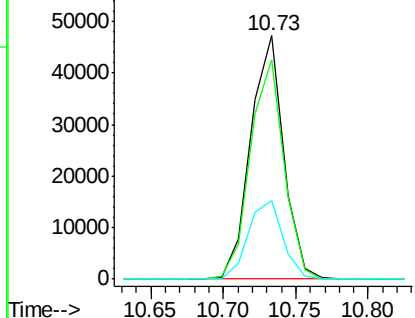


#30
 1,2,4-Trichlorobenzene
 Concen: 40.35 ng
 RT: 10.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:180 Resp: 74547
 Ion Ratio Lower Upper
 180 100
 182 90.0 73.6 110.4
 145 32.1 26.6 39.8



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

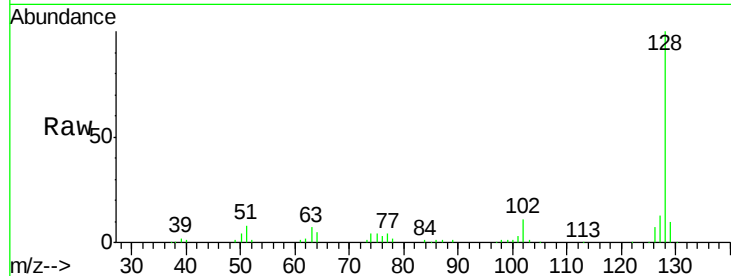




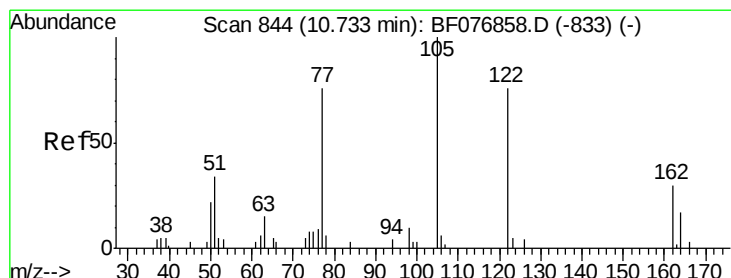
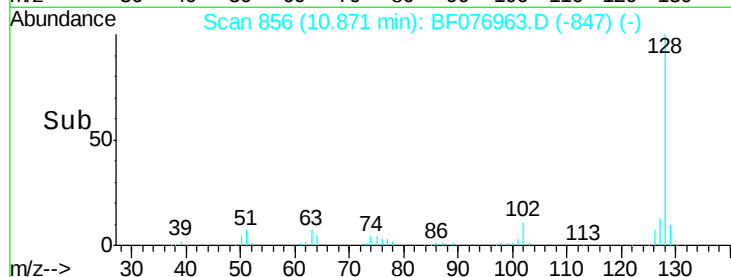
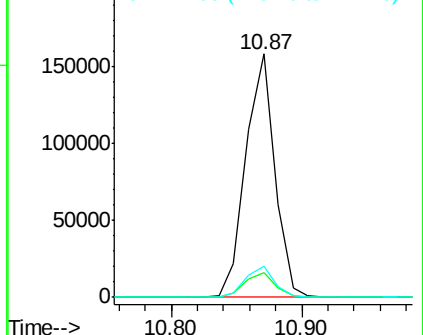
#31
Naphthalene
Concen: 38.07 ng
RT: 10.87 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 246026
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 12.9 10.2 15.2

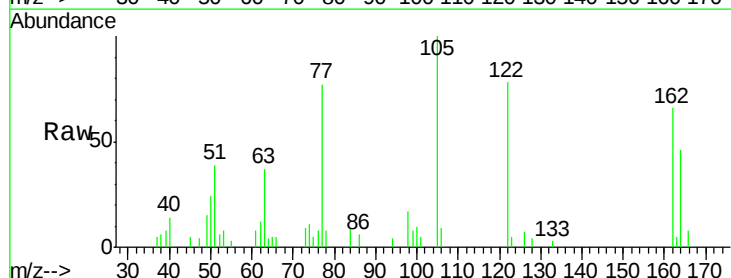


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

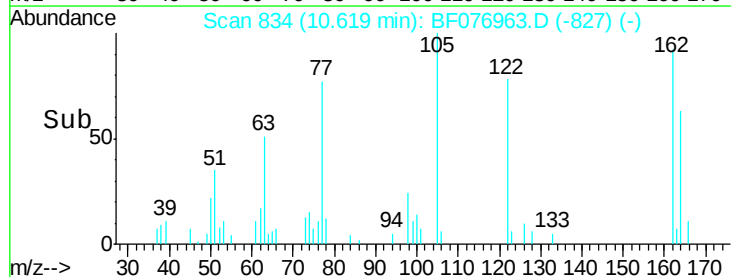
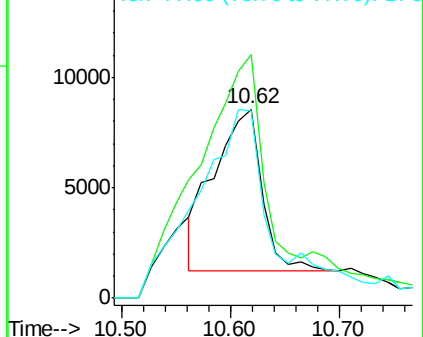


#32
Benzoic acid
Concen: 22.93 ng
RT: 10.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:122 Resp: 22674
Ion Ratio Lower Upper
122 100
105 129.0 111.3 151.3
77 99.0 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

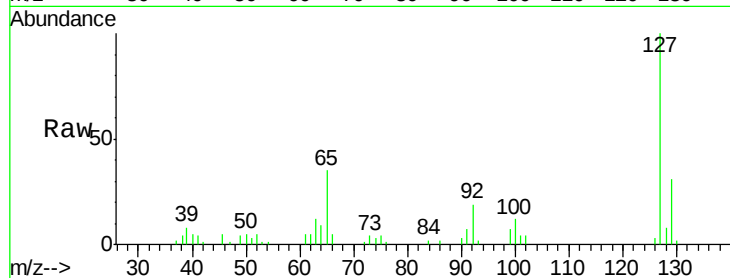




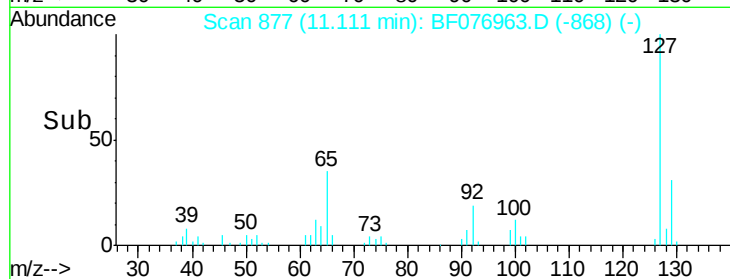
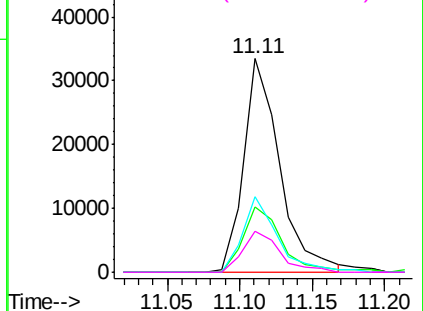
#33
4-Chloroaniline
Concen: 22.11 ng
RT: 11.11 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	57747
Ion Ratio	Lower	Upper
127 100		
129 30.6	25.3	37.9
65 35.5	27.8	41.6
92 19.0	16.5	24.7

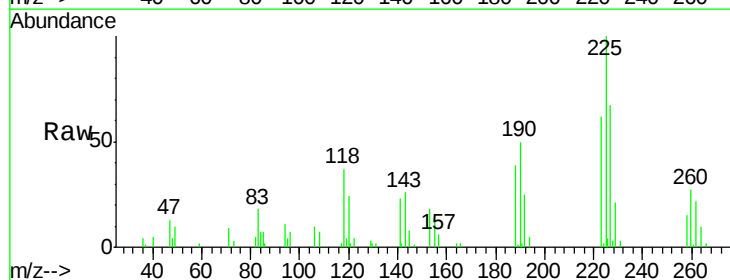


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

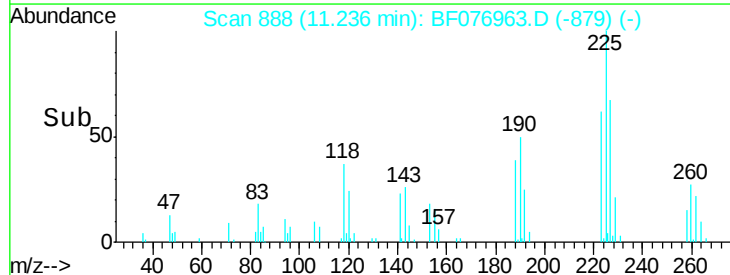
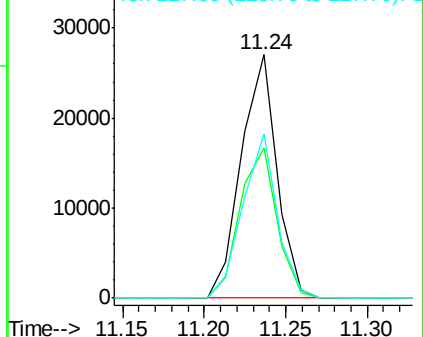


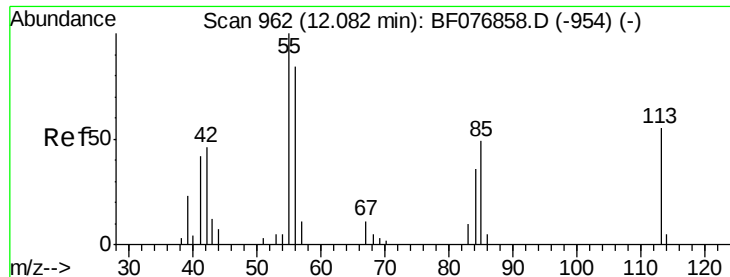
#34
Hexachlorobutadiene
Concen: 37.38 ng
RT: 11.24 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:225	Resp:	40977
Ion Ratio	Lower	Upper
225 100		
223 61.7	49.1	73.7
227 67.3	47.5	71.3



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

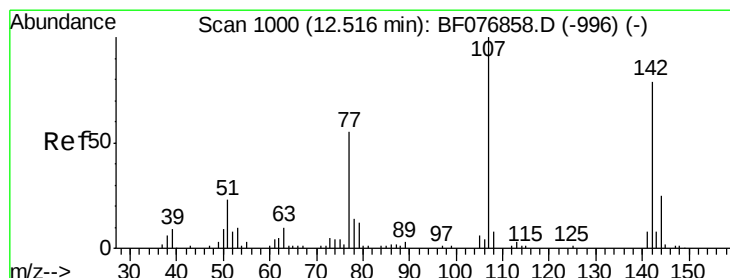
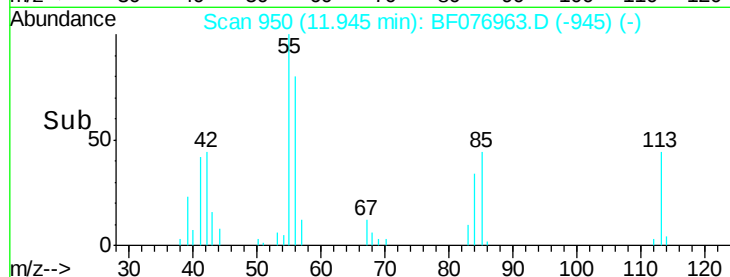
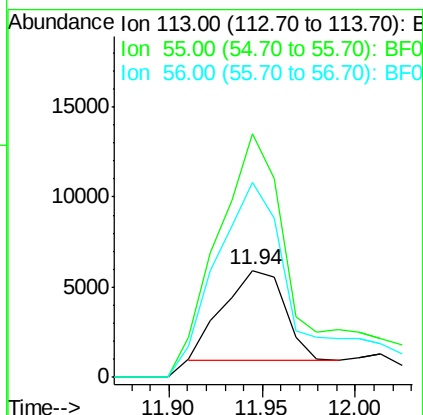
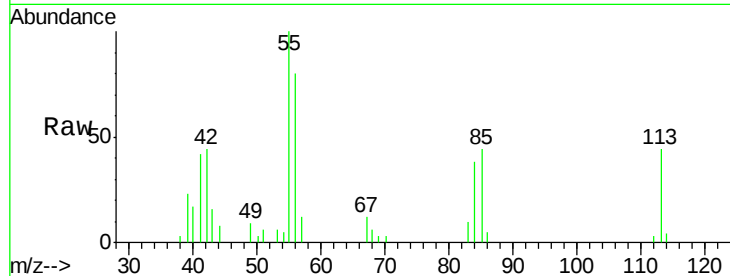




#35
 Caprolactam
 Concen: 23.48 ng
 RT: 11.94 min Scan# 950
 Delta R.T. -0.05 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

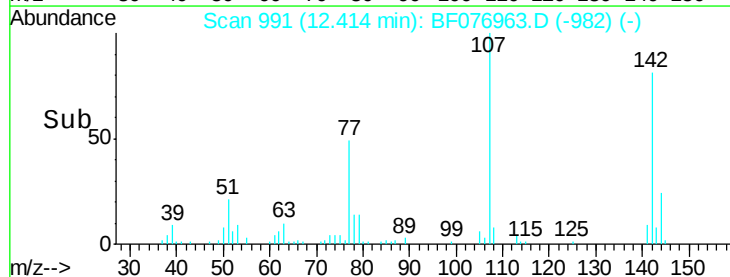
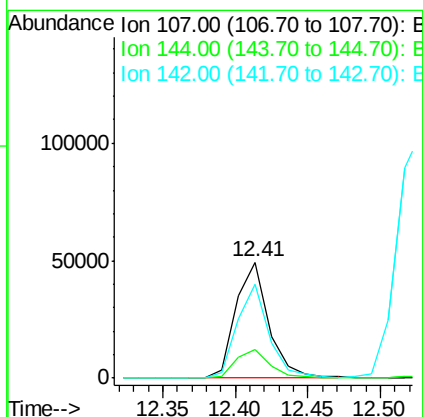
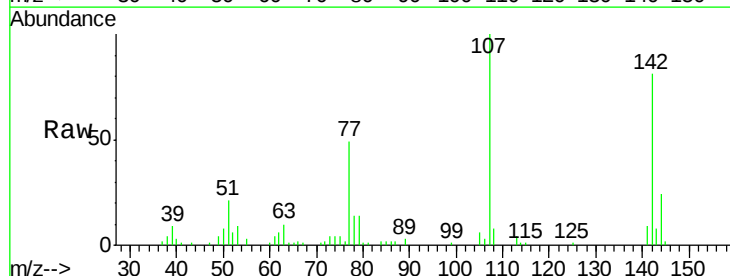
Instrument :
 BNA_F
 ClientSampleId :

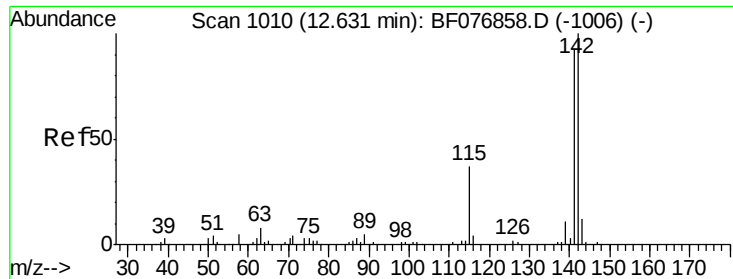
Tot Ion:113 Resp: 11501
 Ion Ratio Lower Upper
 113 100
 55 227.8 162.1 202.1#
 56 181.9 133.7 173.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.06 ng
 RT: 12.41 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:107 Resp: 78207
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 80.8 63.5 95.3

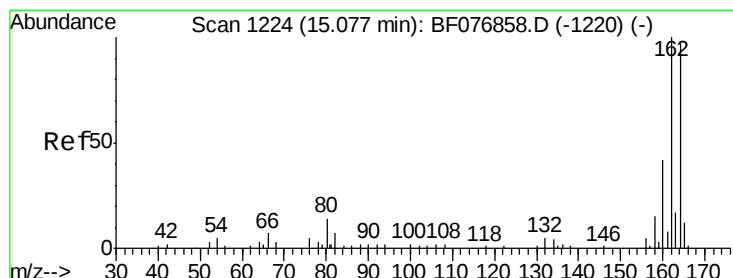
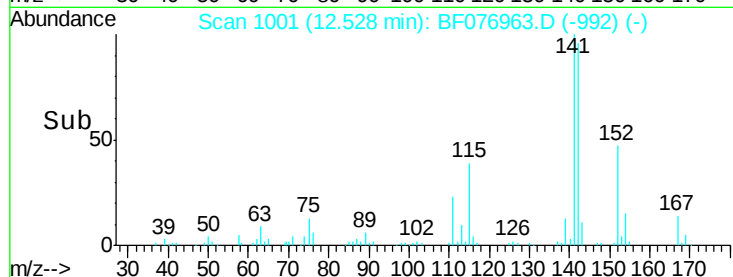
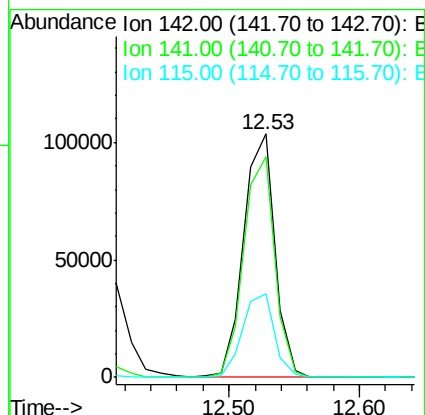
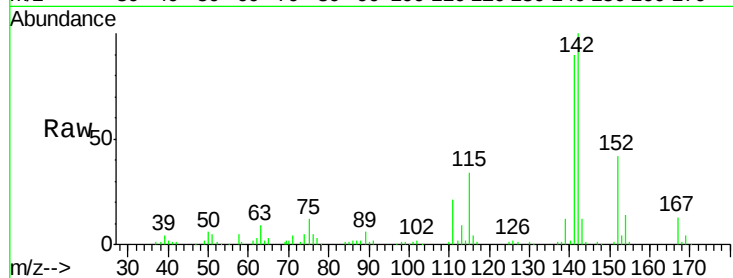




#37
2-Methylnaphthalene
Concen: 39.20 ng
RT: 12.53 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

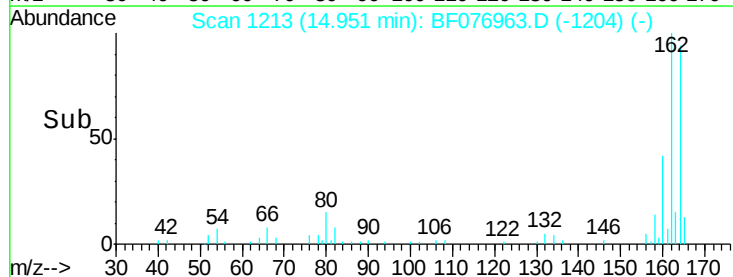
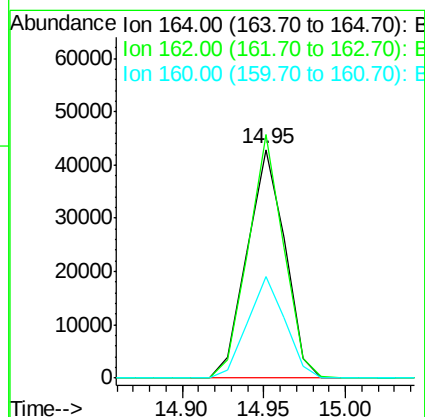
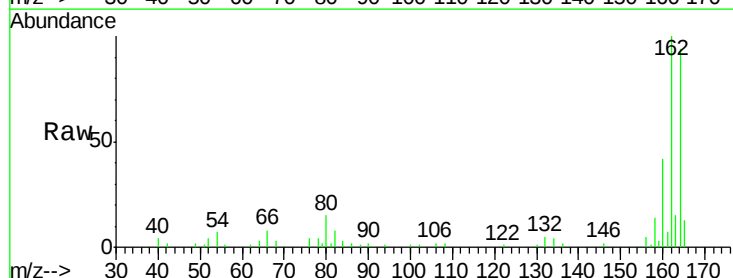
Instrument :
BNA_F
ClientSampled :

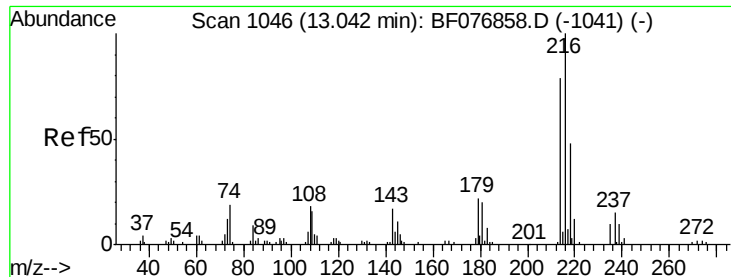
Tot Ion:142 Resp: 173003
Ion Ratio Lower Upper
142 100
141 90.3 74.5 111.7
115 34.4 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:164 Resp: 68854
Ion Ratio Lower Upper
164 100
162 106.6 82.4 123.6
160 44.6 34.8 52.2

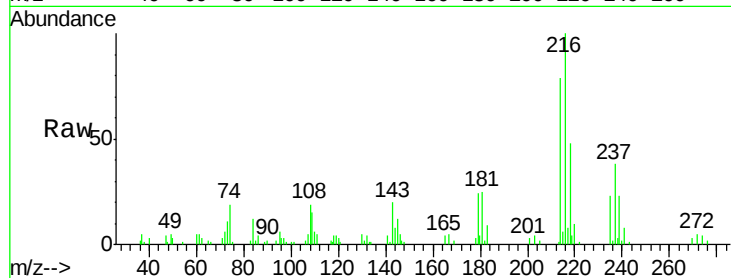




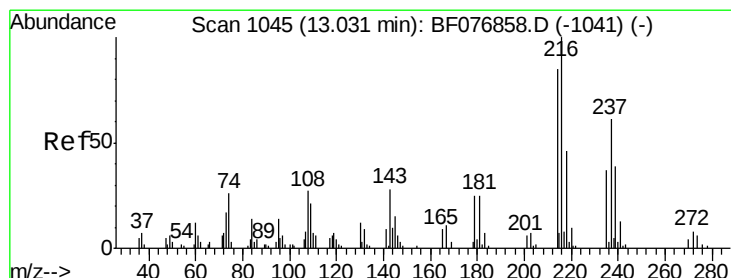
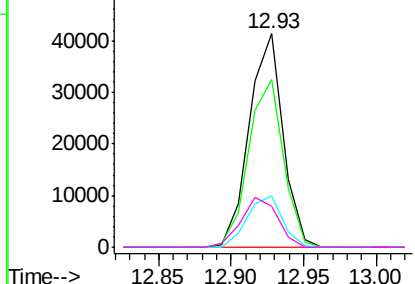
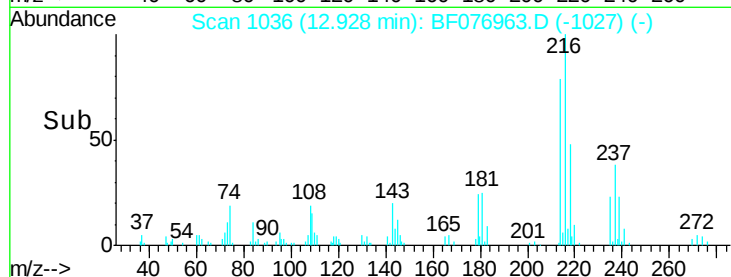
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.03 ng
 RT: 12.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	81.3	64.9	97.3
179	25.2	18.6	28.0
108	25.0	18.1	27.1

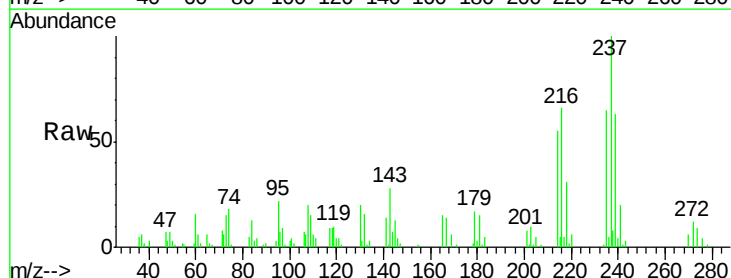


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

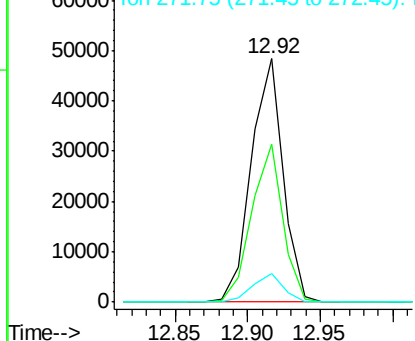
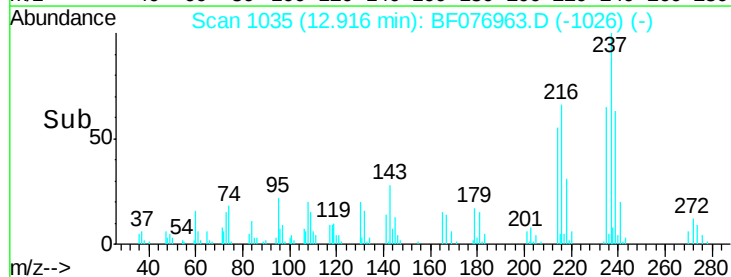


#40
 Hexachlorocyclopentadiene
 Concen: 80.03 ng
 RT: 12.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.8	40.4	80.4
272	11.8	0.0	33.2



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

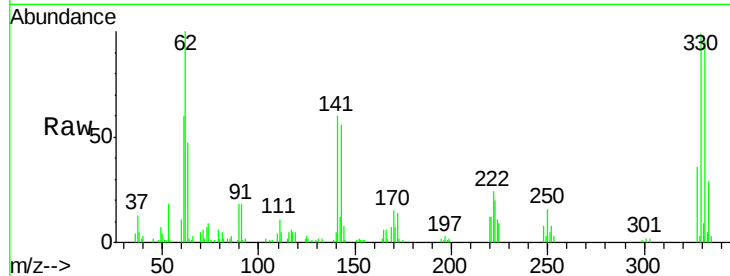




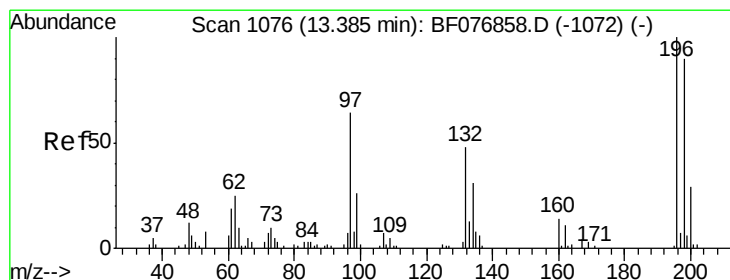
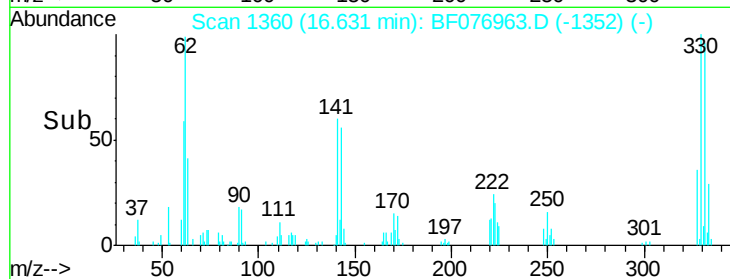
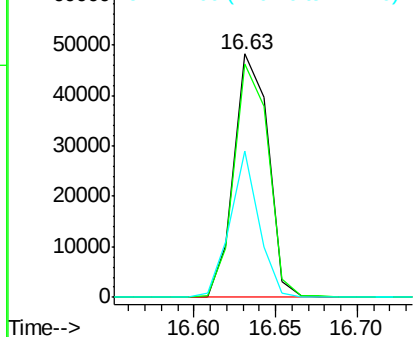
#41
 2,4,6-Tribromophenol
 Concen: 124.63 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 69655
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.8 116.6
 141 50.8 38.5 57.7

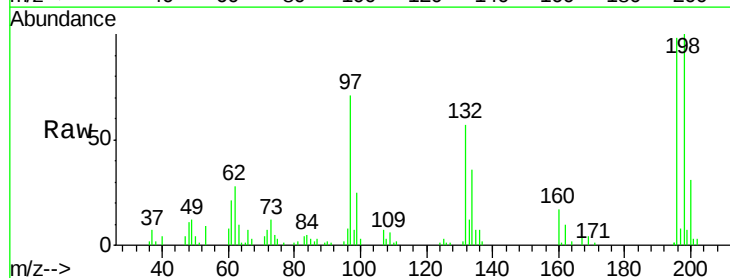


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

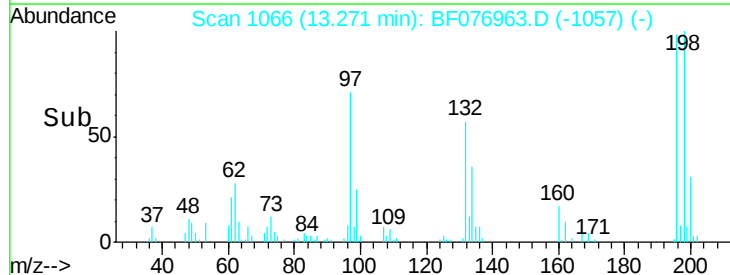
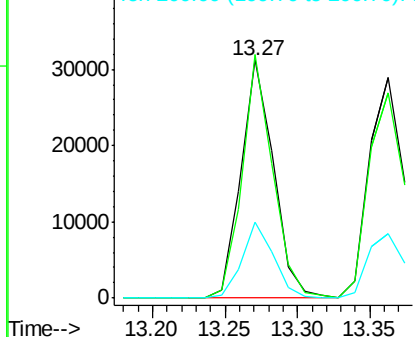


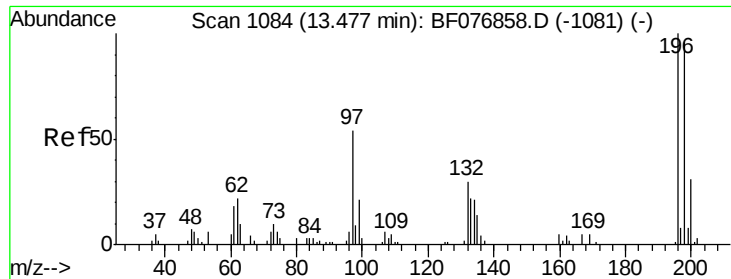
#42
 2,4,6-Trichlorophenol
 Concen: 39.15 ng
 RT: 13.27 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:196 Resp: 48555
 Ion Ratio Lower Upper
 196 100
 198 102.1 72.0 108.0
 200 31.9 23.4 35.2



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

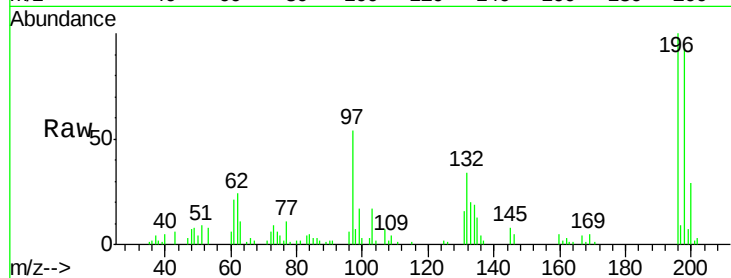




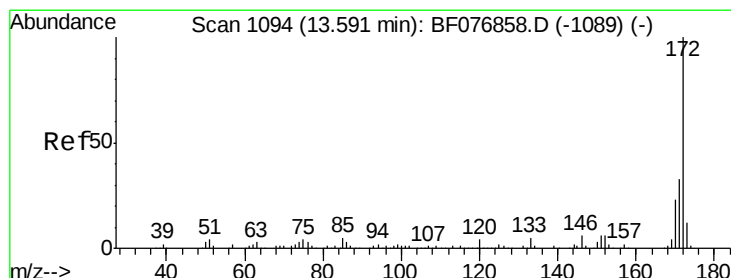
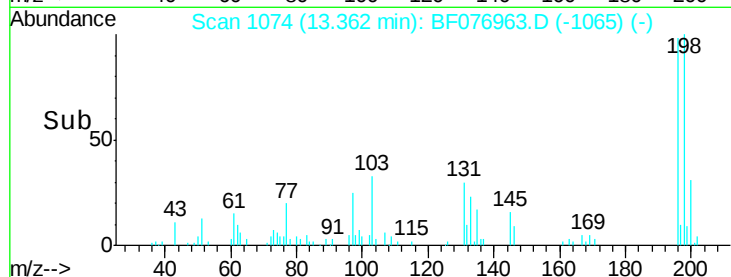
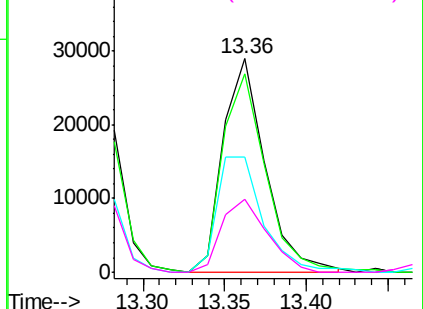
#43
 2,4,5-Trichlorophenol
 Concen: 41.14 ng
 RT: 13.36 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 52048
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.6 115.0
 97 53.7 43.4 65.0
 132 33.9 23.7 35.5

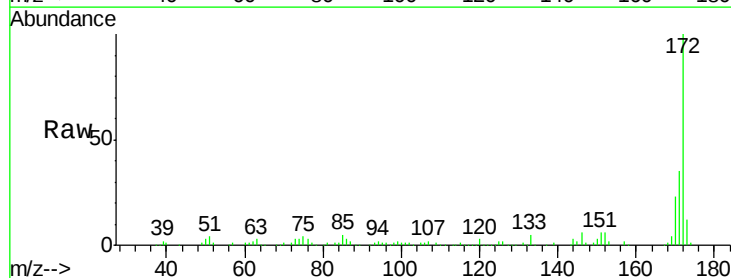


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

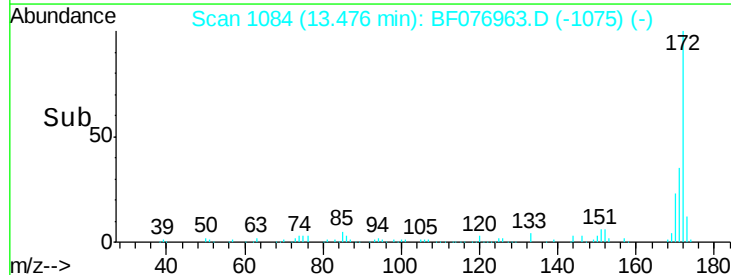
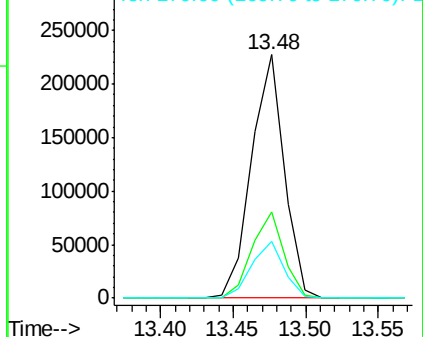


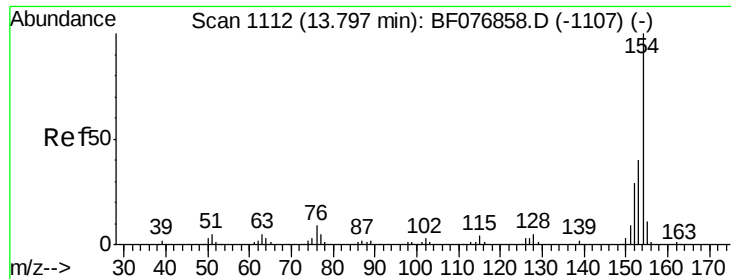
#44
 2-Fluorobiphenyl
 Concen: 78.50 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:172 Resp: 355170
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.6 40.0
 170 23.5 18.0 27.0



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

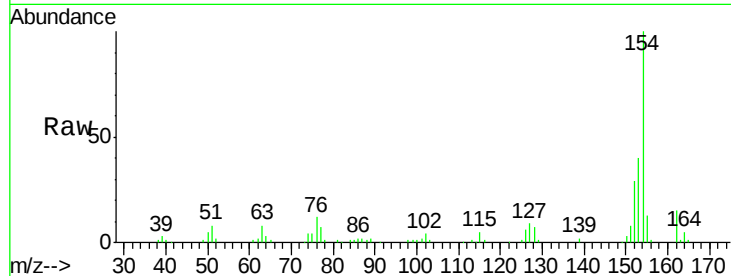




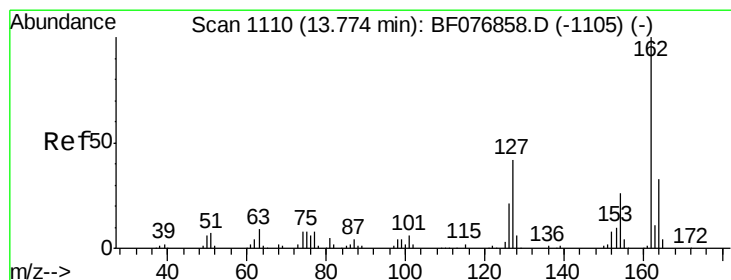
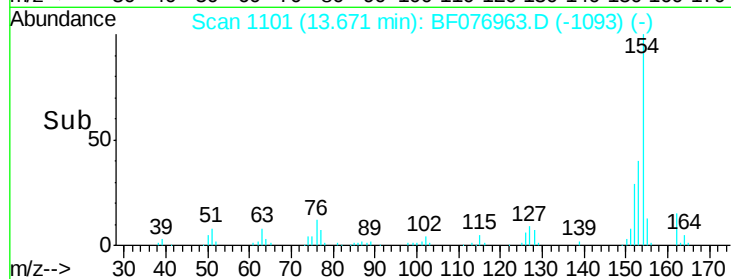
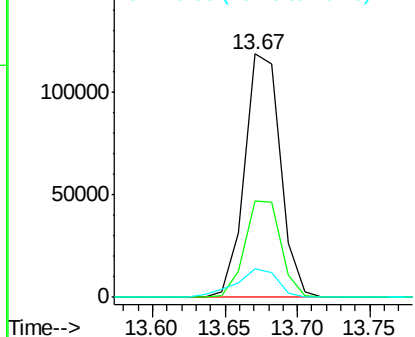
#45
 1,1'-Biphenyl
 Concen: 39.73 ng
 RT: 13.67 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 202817
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.2 60.2
 76 11.9 0.0 29.0

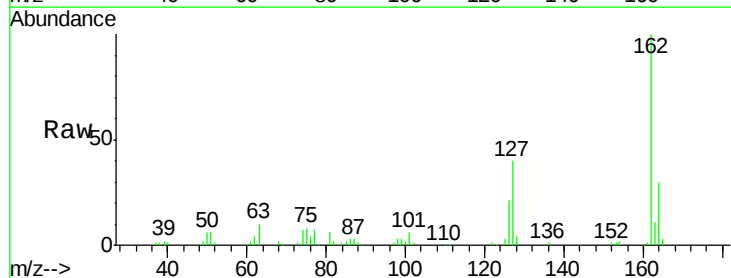


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

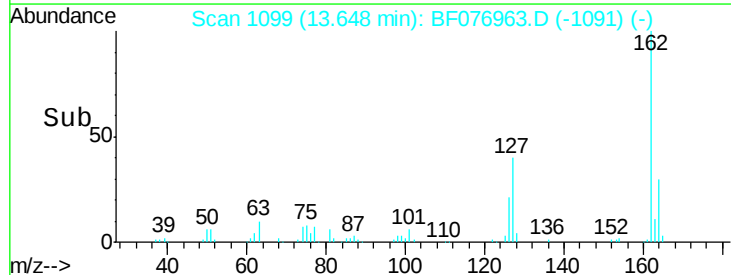
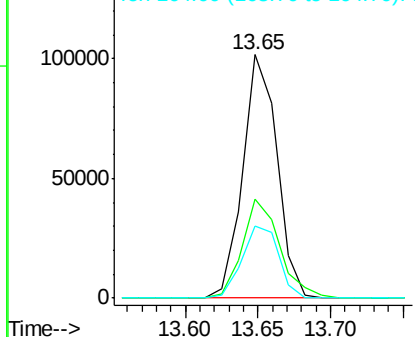


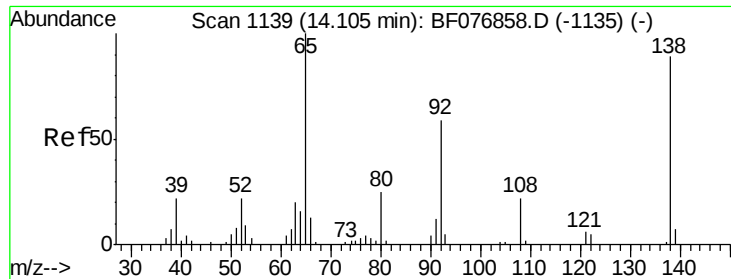
#46
 2-Chloronaphthalene
 Concen: 39.58 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:162 Resp: 166248
 Ion Ratio Lower Upper
 162 100
 127 40.5 33.8 50.6
 164 29.8 26.8 40.2



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

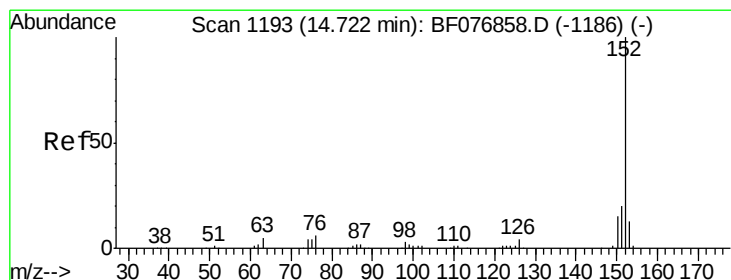
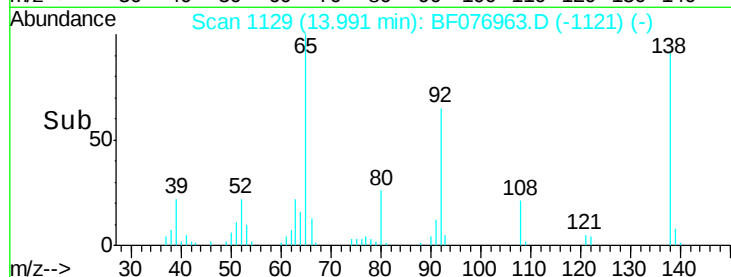
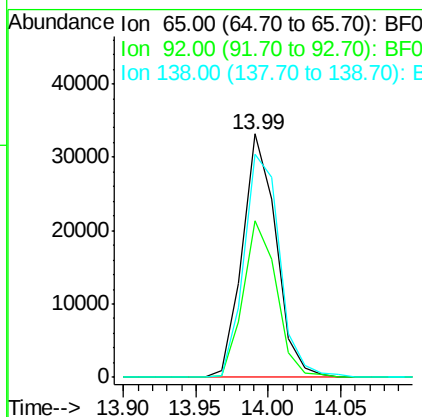
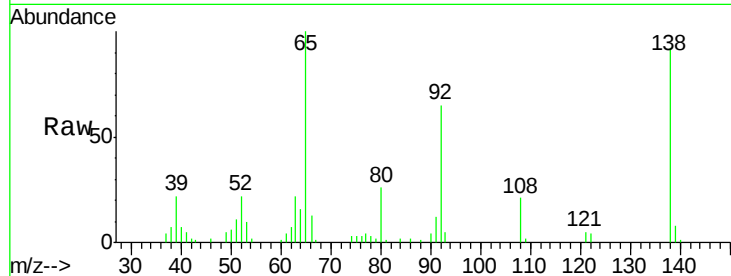




#47
2-Nitroaniline
Concen: 42.10 ng
RT: 13.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

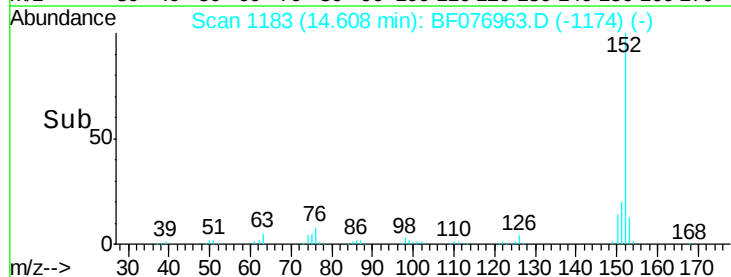
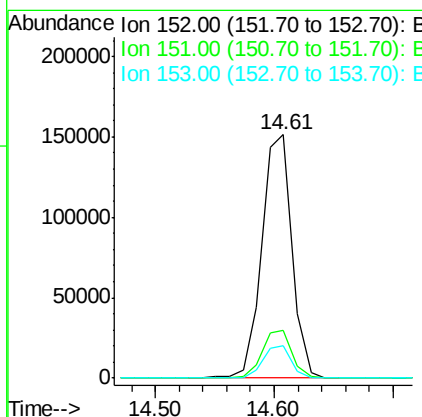
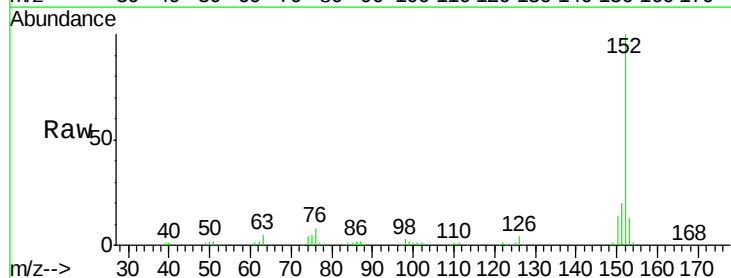
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 53646
Ion Ratio Lower Upper
65 100
92 64.5 47.3 70.9
138 91.6 71.4 107.2



#48
Acenaphthylene
Concen: 37.76 ng
RT: 14.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion: 152 Resp: 267549
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.2 15.4

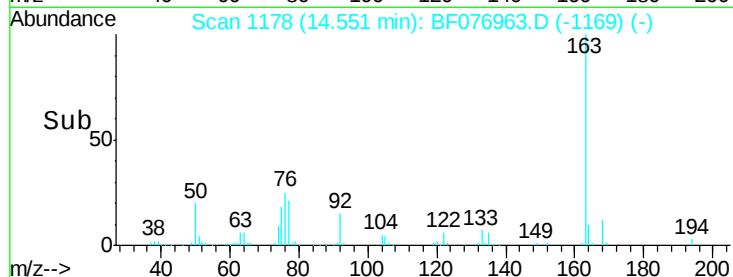
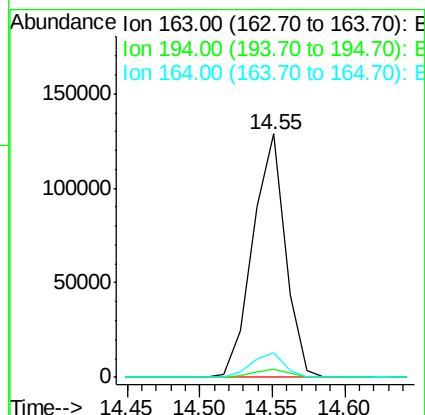
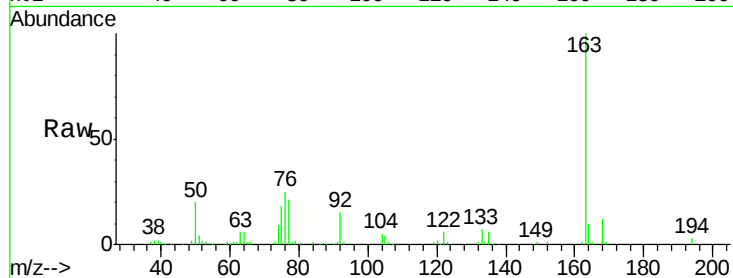




#49
Dimethylphthalate
Concen: 41.04 ng
RT: 14.55 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

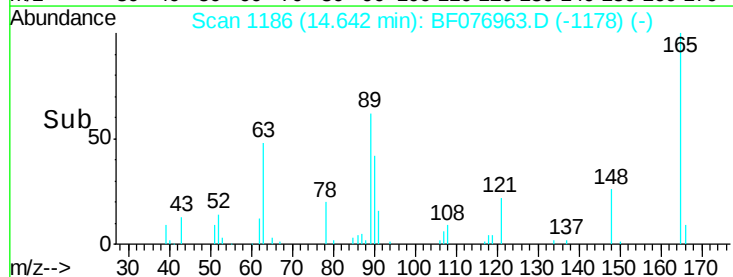
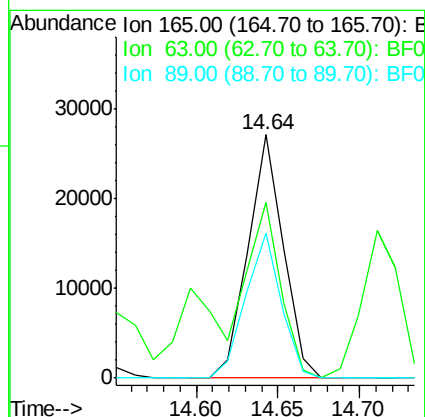
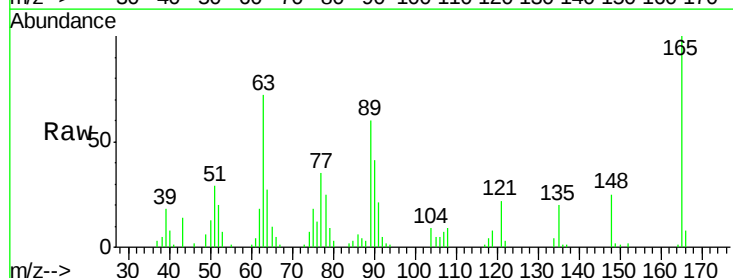
Instrument :
BNA_F
ClientSampleId :

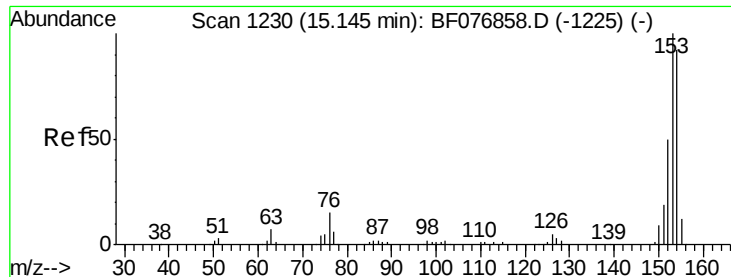
Tot Ion:163 Resp: 200381
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 41.73 ng
RT: 14.64 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:165 Resp: 40709
Ion Ratio Lower Upper
165 100
63 72.3 48.1 72.1#
89 59.6 47.2 70.8





#51

Acenaphthene

Concen: 37.20 ng

RT: 15.03 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampleId :

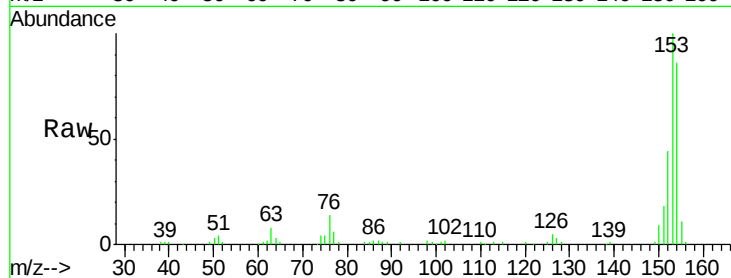
Tot Ion:154 Resp: 149550

Ion Ratio Lower Upper

154 100

153 116.5 87.0 130.6

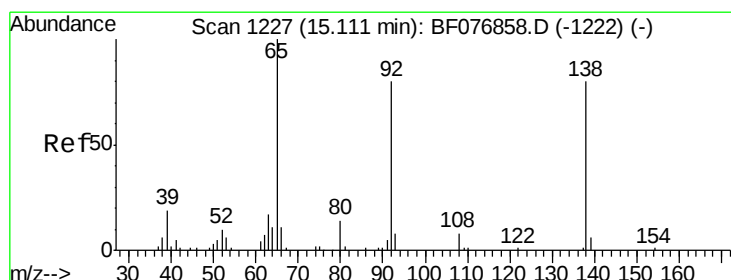
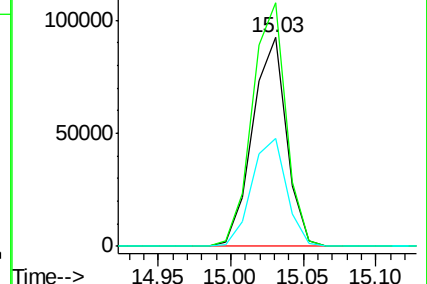
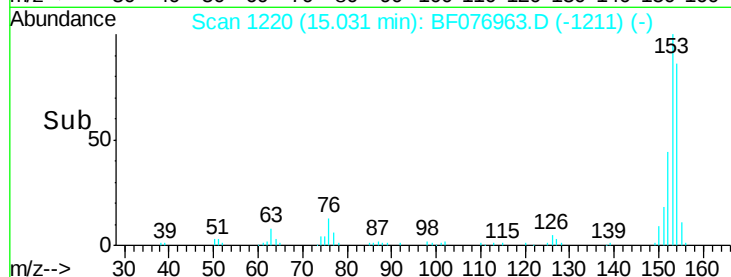
152 51.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.88 ng

RT: 14.99 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

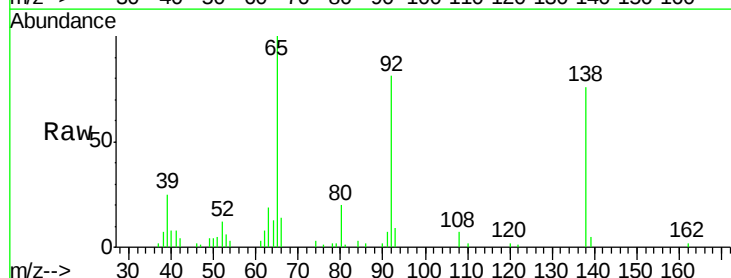
Tgt Ion:138 Resp: 34509

Ion Ratio Lower Upper

138 100

108 9.0 8.3 12.5

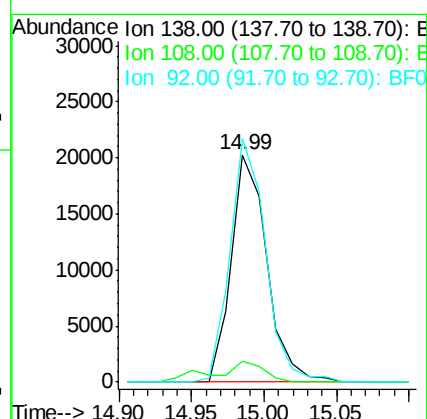
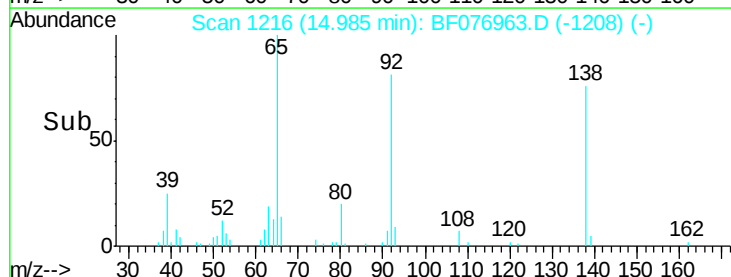
92 107.2 80.9 121.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

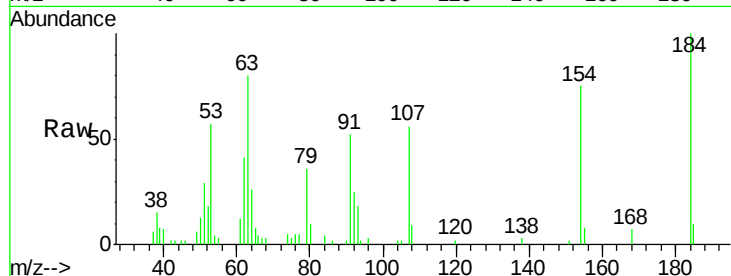




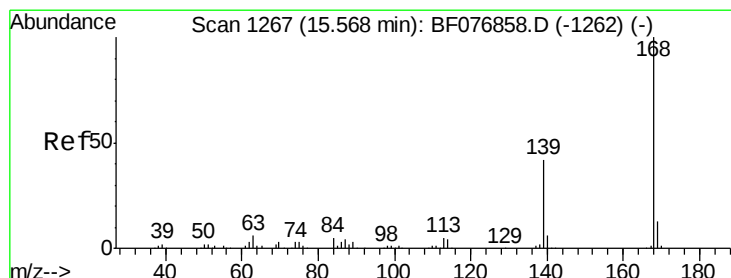
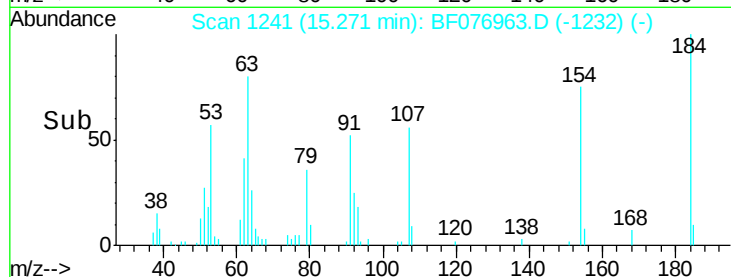
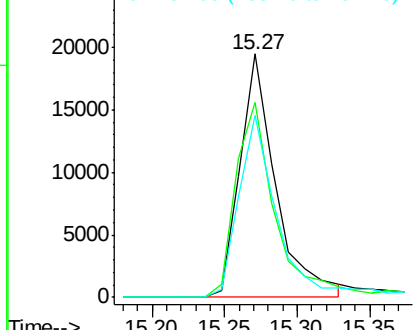
#53
 2,4-Dinitrophenol
 Concen: 74.01 ng
 RT: 15.27 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 33410
 Ion Ratio Lower Upper
 184 100
 63 79.8 63.0 94.6
 154 75.1 65.5 98.3

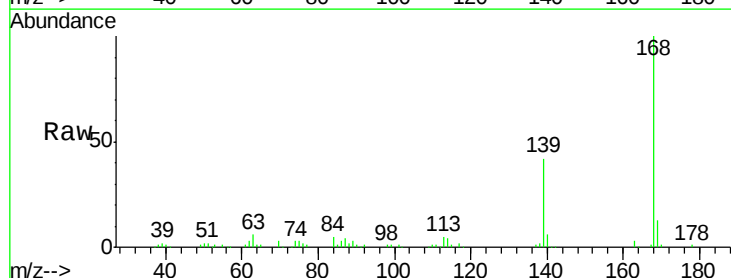


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

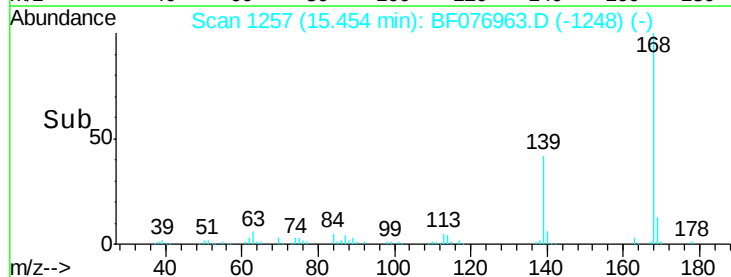
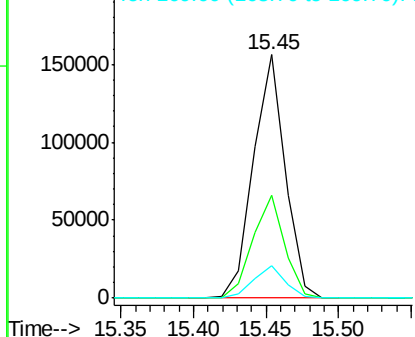


#54
 Dibenzofuran
 Concen: 40.53 ng
 RT: 15.45 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:168 Resp: 237362
 Ion Ratio Lower Upper
 168 100
 139 42.0 33.4 50.2
 169 13.2 10.6 15.8



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

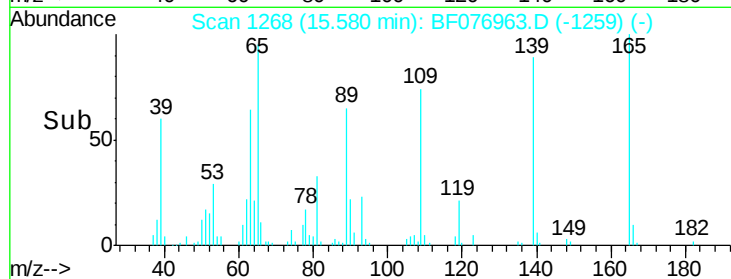
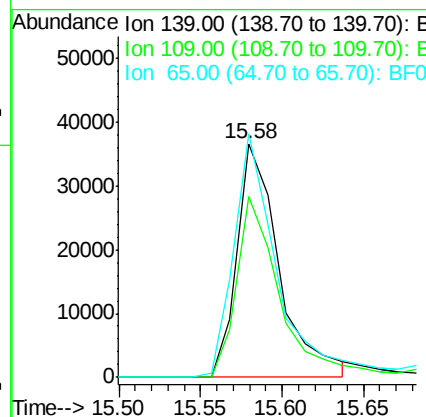
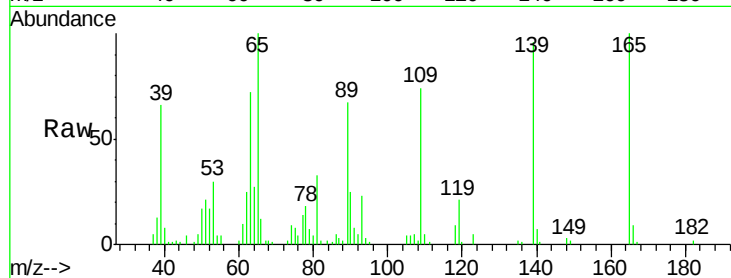




#55
4-Nitrophenol
Concen: 85.85 ng
RT: 15.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

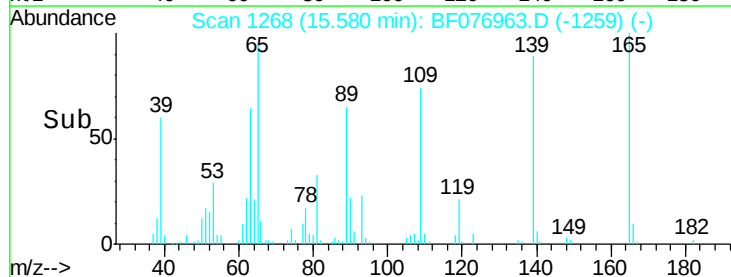
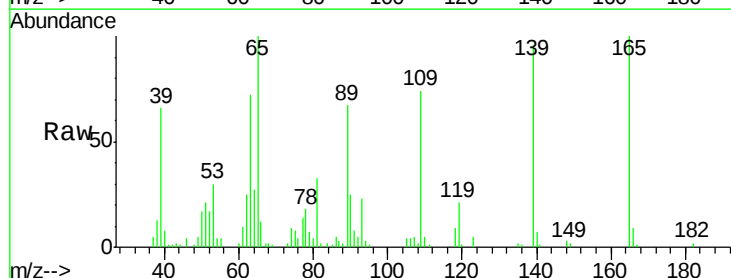
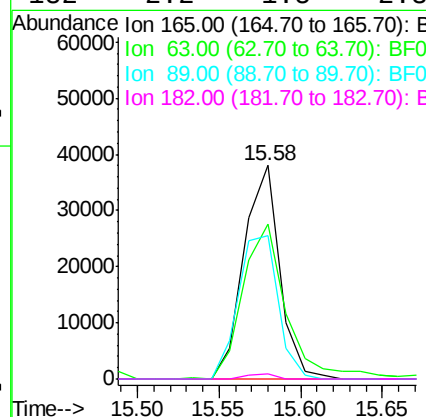
Instrument :
BNA_F
ClientSampled :

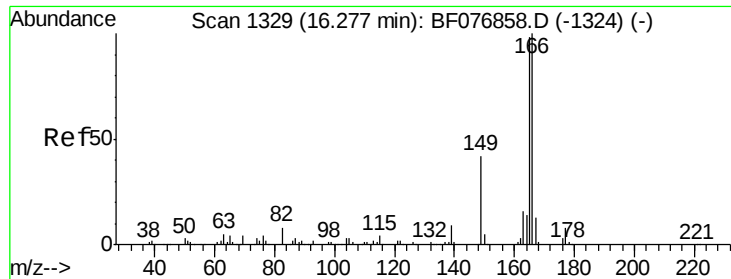
Tot Ion:139 Resp: 65710
Ion Ratio Lower Upper
139 100
109 77.2 61.0 101.0
65 104.2 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 39.90 ng
RT: 15.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:165 Resp: 57805
Ion Ratio Lower Upper
165 100
63 72.5 44.8 67.2#
89 66.9 56.2 84.2
182 2.2 1.5 2.3





#57

Fluorene

Concen: 38.47 ng

RT: 16.17 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampleId :

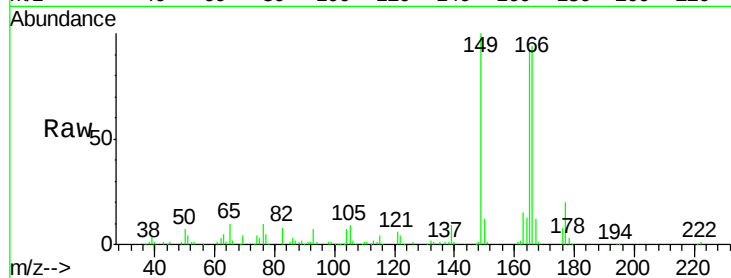
Tot Ion:166 Resp: 190868

Ion Ratio Lower Upper

166 100

165 97.8 78.5 117.7

167 13.0 10.4 15.6



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

150000

100000

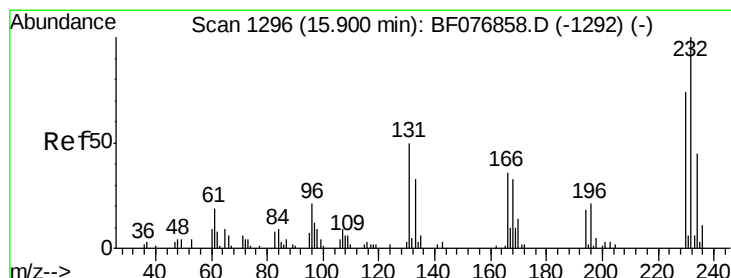
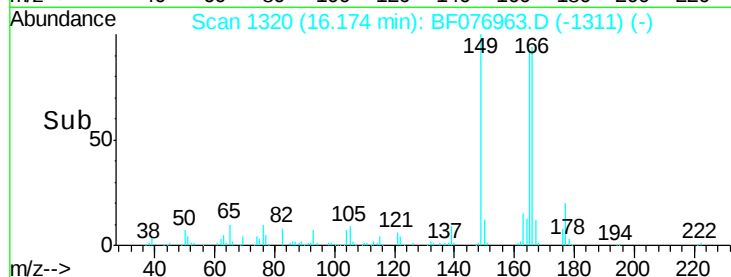
50000

0

16.17

16.10 16.15 16.20

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.24 ng

RT: 15.79 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Tgt Ion:232 Resp: 40747

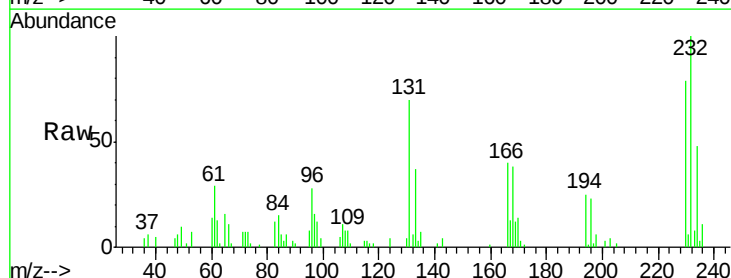
Ion Ratio Lower Upper

232 100

131 60.7 45.0 67.6

130 2.4 2.6 3.8#

166 37.8 30.9 46.3



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

30000

20000

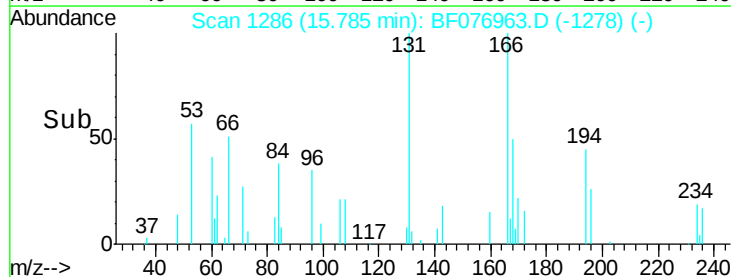
10000

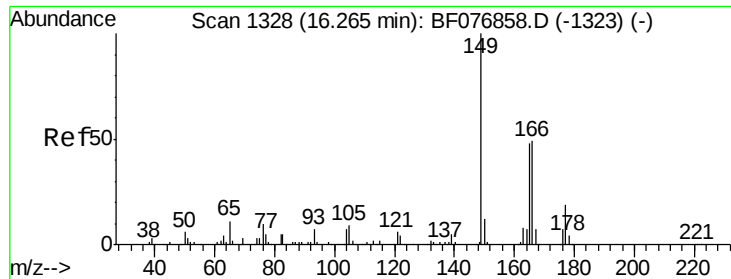
0

15.79

15.75 15.80 15.85

Time-->

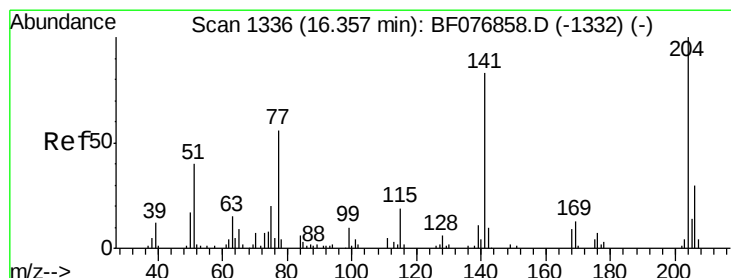
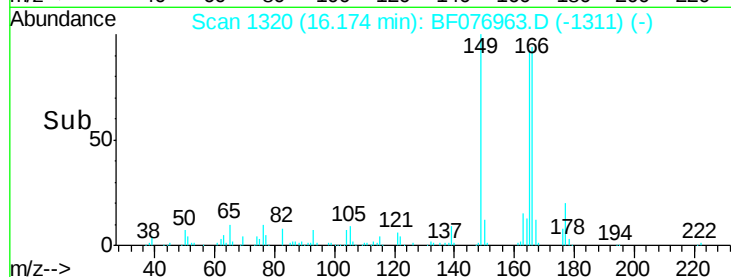
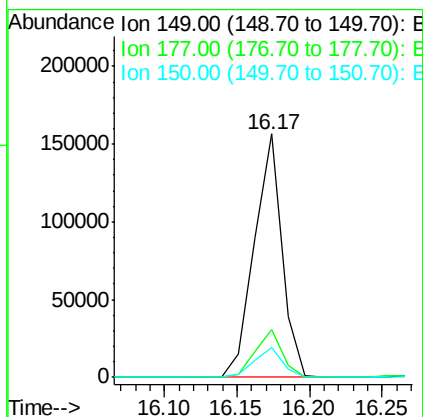
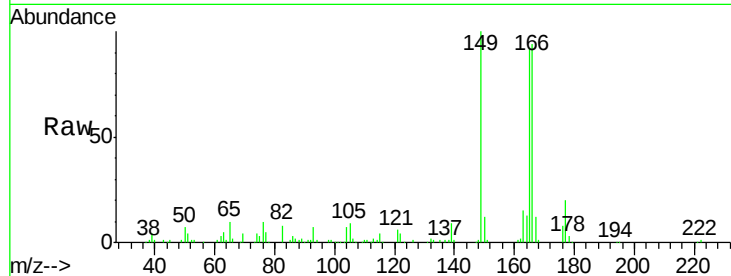




#59
Diethylphthalate
Concen: 41.93 ng
RT: 16.17 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

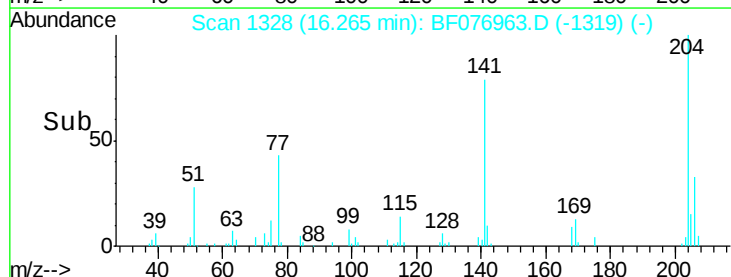
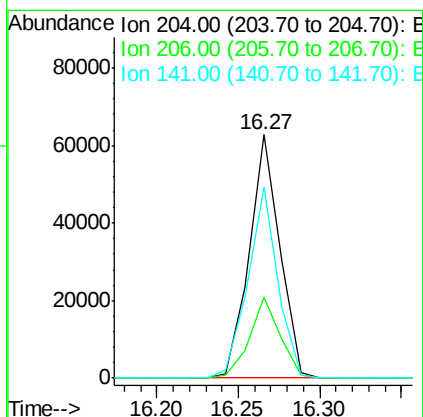
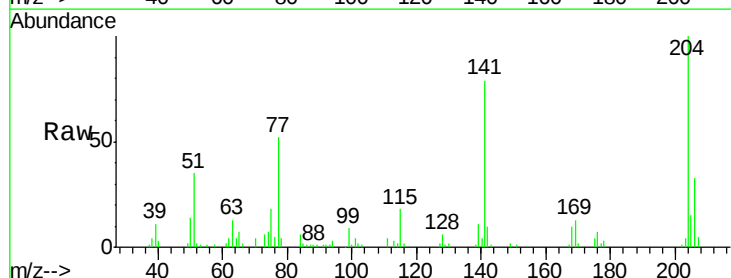
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 206918
Ion Ratio Lower Upper
149 100
177 19.8 15.0 22.6
150 12.1 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 40.14 ng
RT: 16.27 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:204 Resp: 81488
Ion Ratio Lower Upper
204 100
206 33.1 24.2 36.2
141 78.8 66.7 100.1

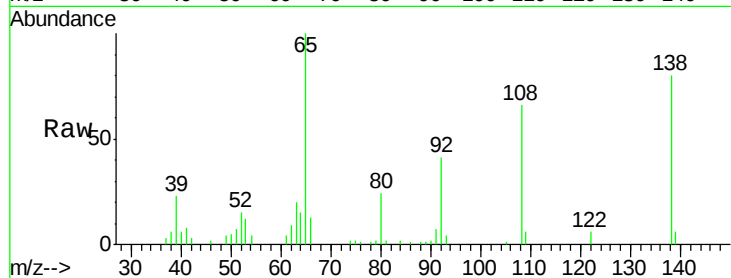




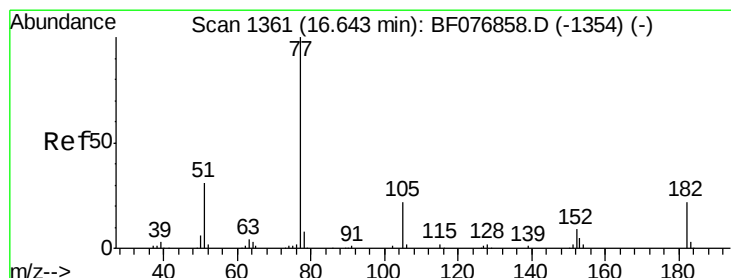
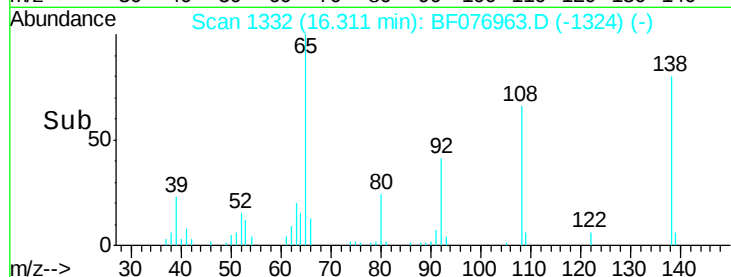
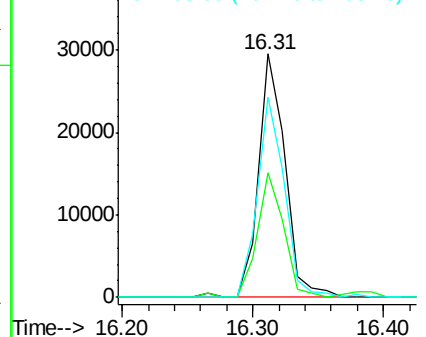
#61
4-Nitroaniline
Concen: 34.61 ng
RT: 16.31 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 42060
Ion Ratio Lower Upper
138 100
92 51.1 26.7 66.7
108 82.3 64.5 104.5

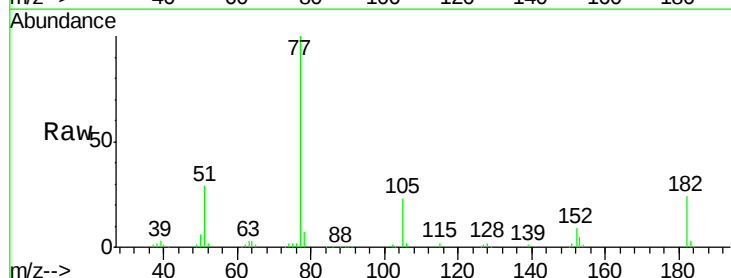


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

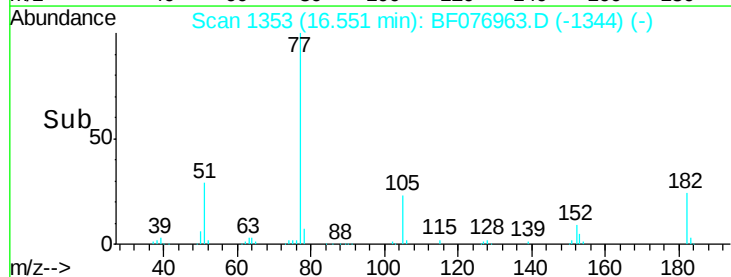
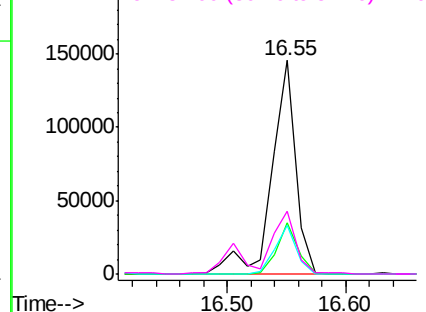


#62
Azobenzene
Concen: 39.83 ng
RT: 16.55 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion: 77 Resp: 204807
Ion Ratio Lower Upper
77 100
182 24.0 2.0 42.0
105 22.9 2.3 42.3
51 29.2 10.7 50.7



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

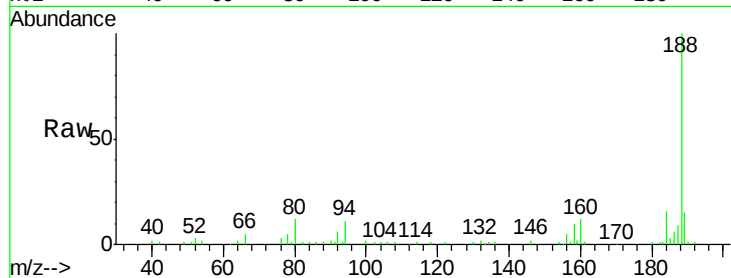




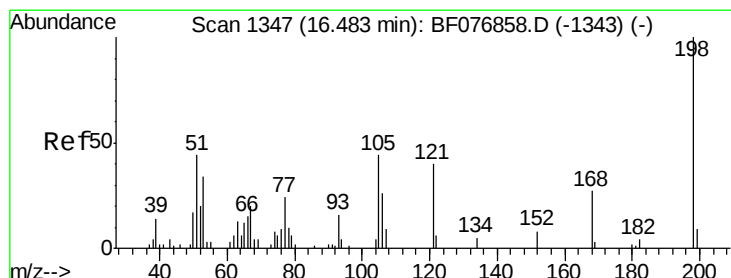
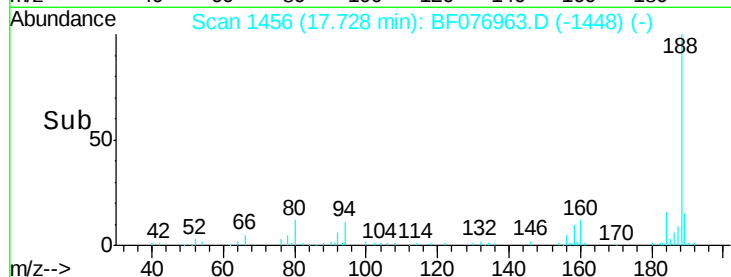
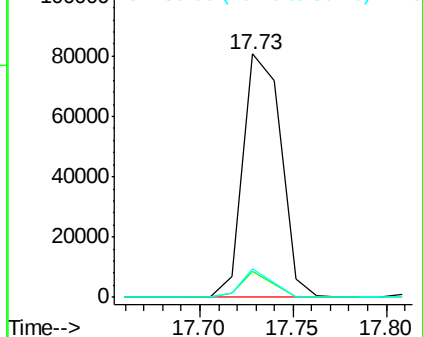
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 113988
 Ion Ratio Lower Upper
 188 100
 94 10.8 6.0 9.0#
 80 11.8 6.9 10.3#

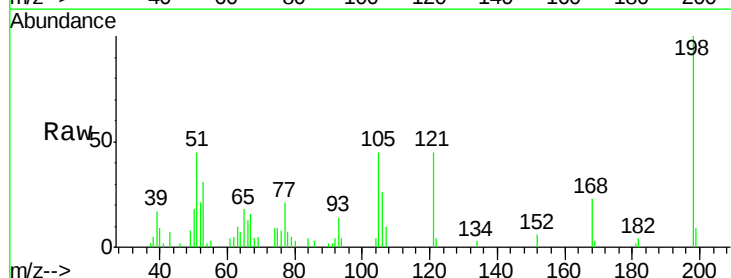


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

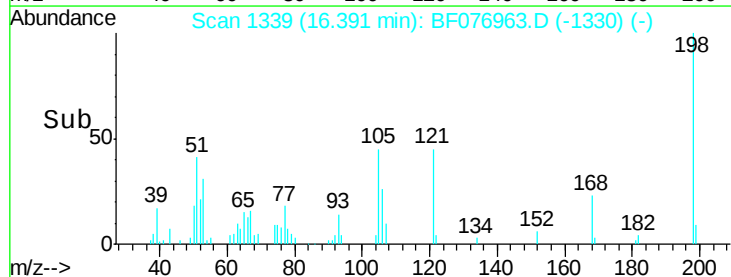
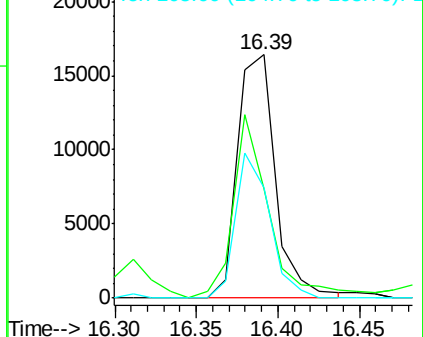


#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.94 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:198 Resp: 26463
 Ion Ratio Lower Upper
 198 100
 51 44.9 24.2 64.2
 105 45.2 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

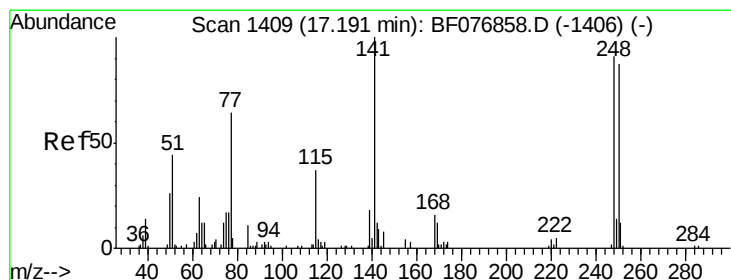
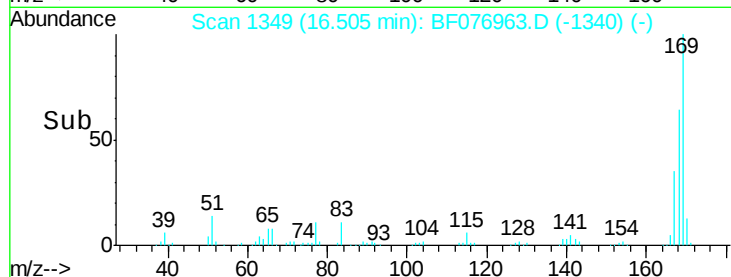
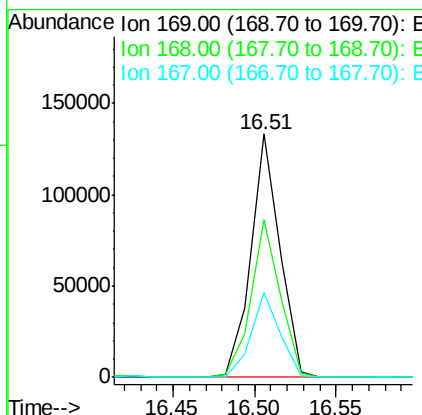
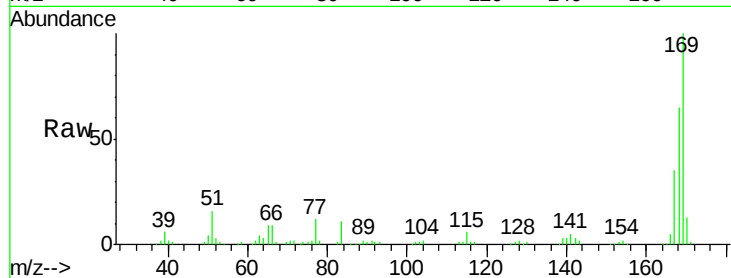




#65
 n-Nitrosodiphenylamine
 Concen: 40.37 ng
 RT: 16.51 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

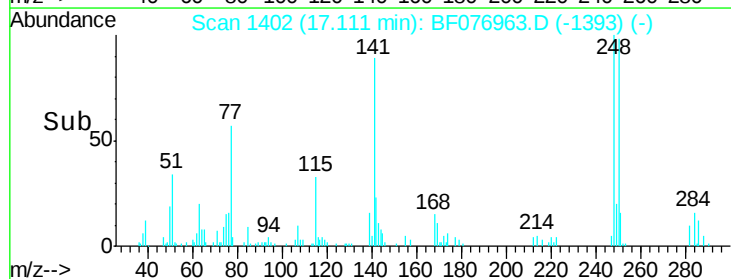
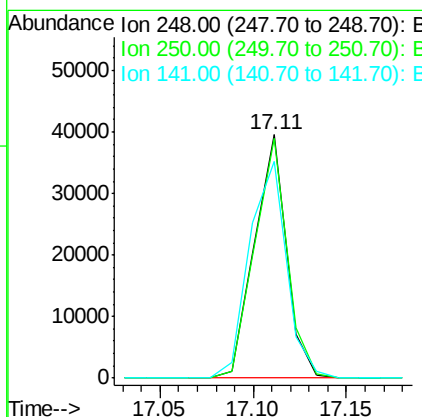
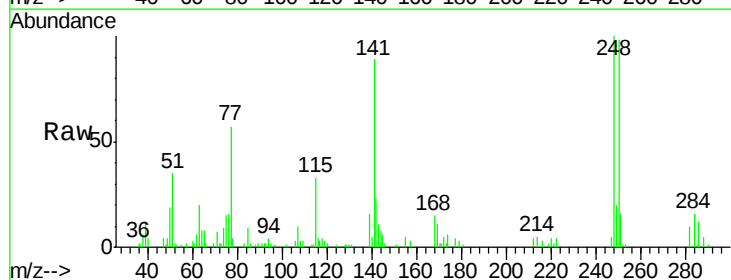
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 164084
 Ion Ratio Lower Upper
 169 100
 168 64.9 53.8 80.6
 167 34.8 27.8 41.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.62 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:248 Resp: 46906
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.1 115.7
 141 89.0 88.2 132.4

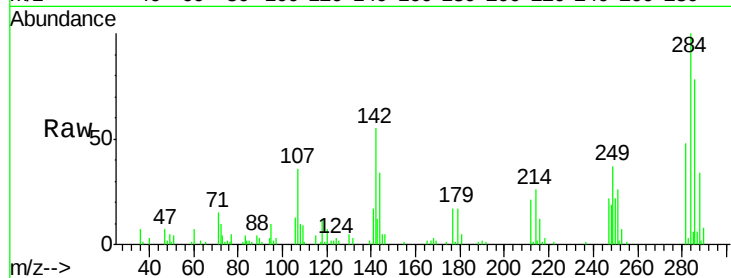




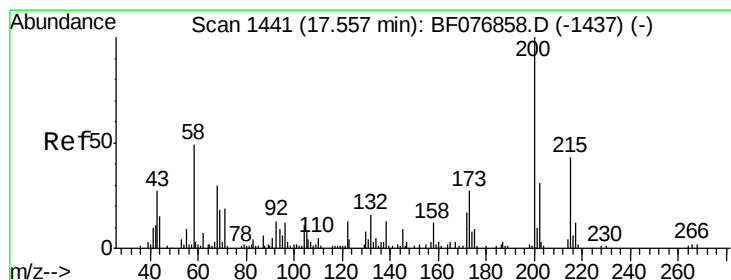
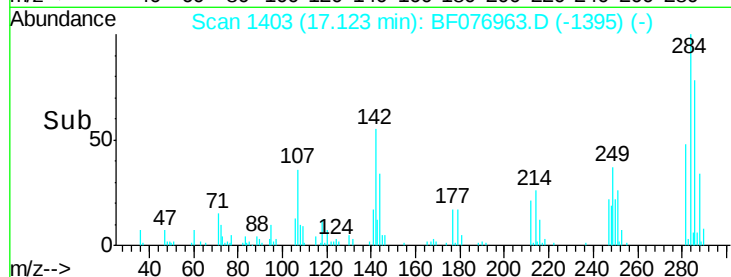
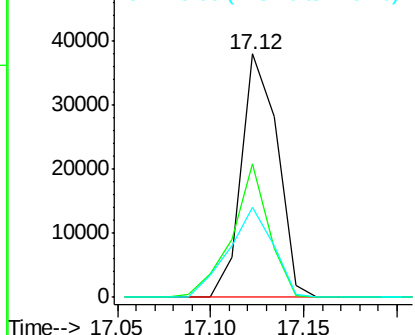
#67
Hexachlorobenzene
Concen: 41.81 ng
RT: 17.12 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 50887
Ion Ratio Lower Upper
284 100
142 54.8 38.2 57.4
249 36.8 28.2 42.2

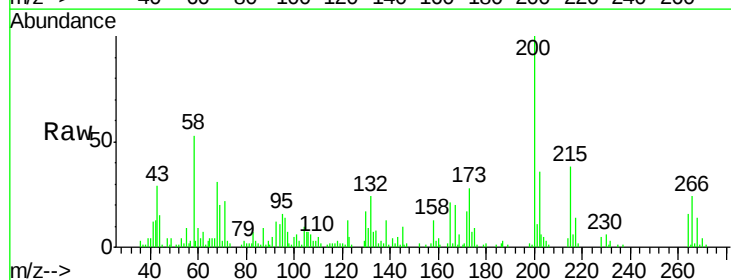


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

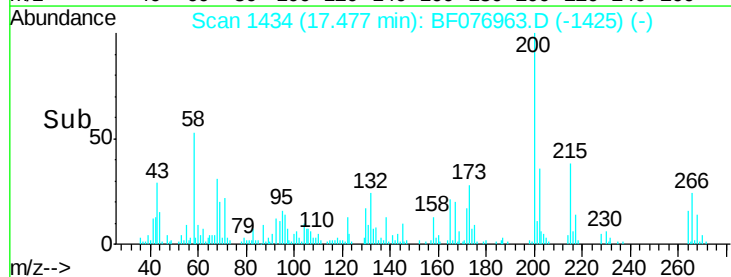
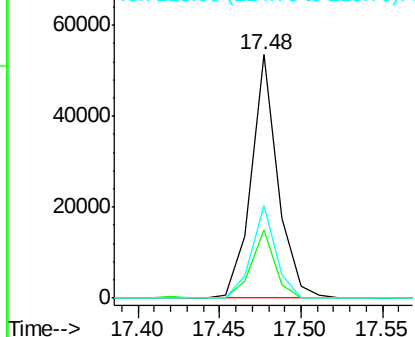


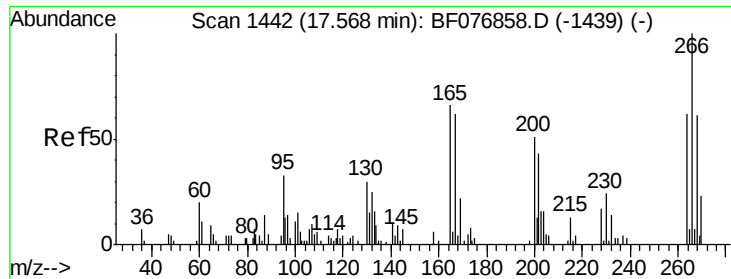
#68
Atrazine
Concen: 49.45 ng
RT: 17.48 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:200 Resp: 60993
Ion Ratio Lower Upper
200 100
173 27.9 6.6 46.6
215 38.2 22.9 62.9



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

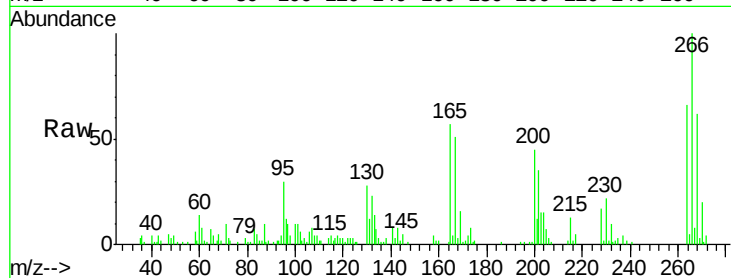




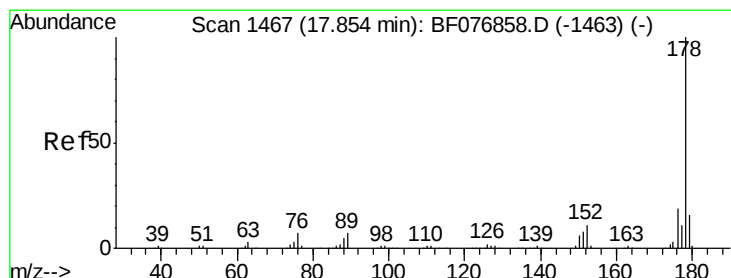
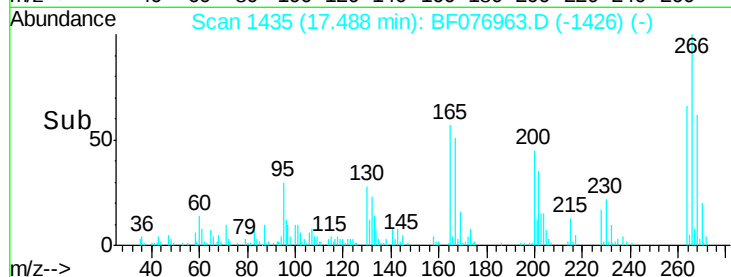
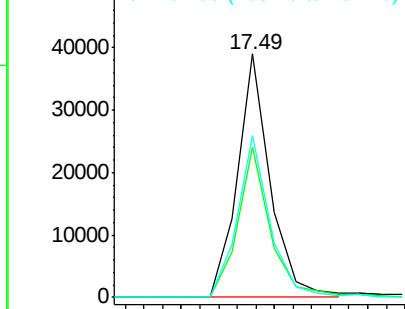
#69
 Pentachlorophenol
 Concen: 85.07 ng
 RT: 17.49 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 47755
 Ion Ratio Lower Upper
 266 100
 268 61.8 48.6 72.8
 264 66.4 49.5 74.3

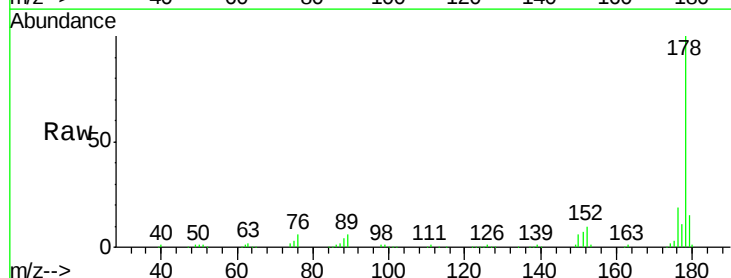


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

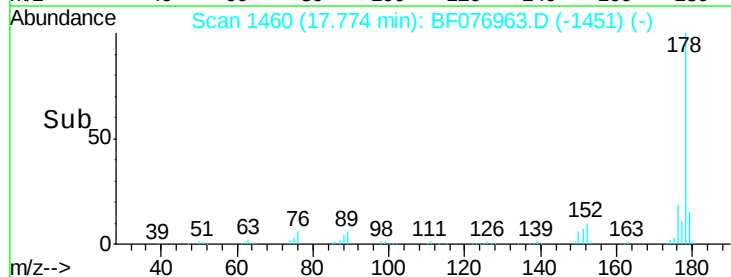
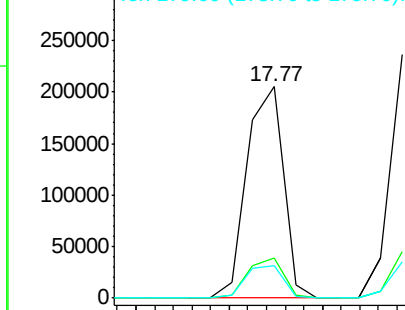


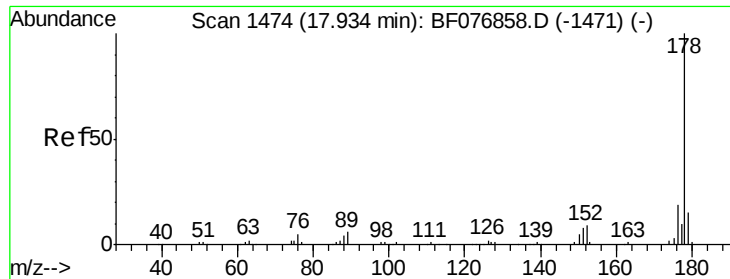
#70
 Phenanthrene
 Concen: 39.30 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:178 Resp: 279350
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.5 12.7 19.1



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

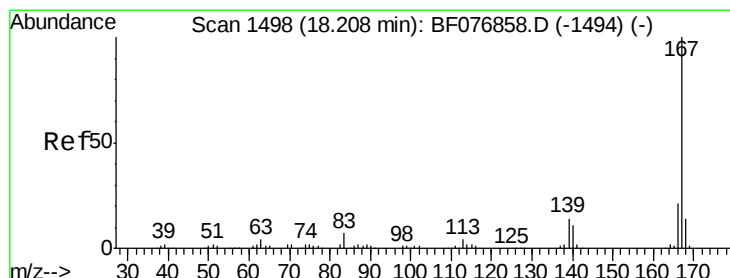
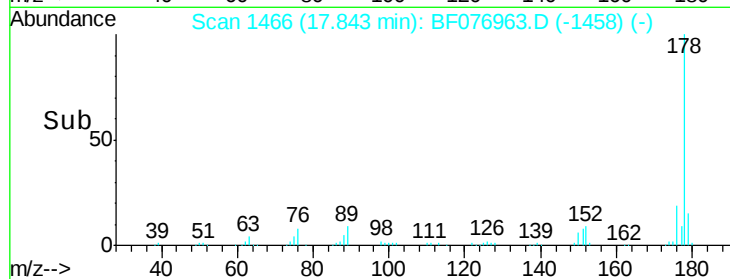
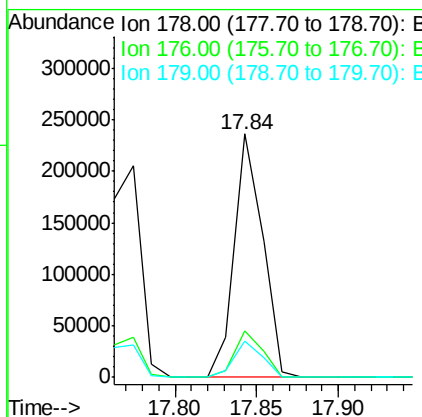
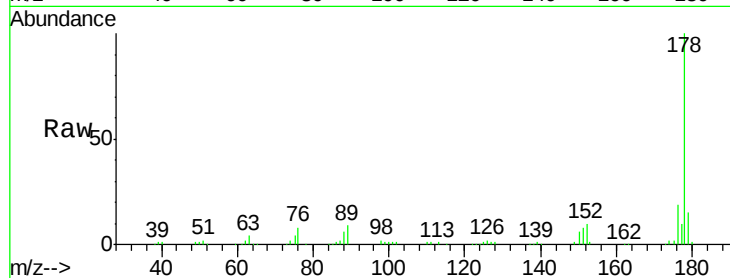




#71
 Anthracene
 Concen: 41.08 ng
 RT: 17.84 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

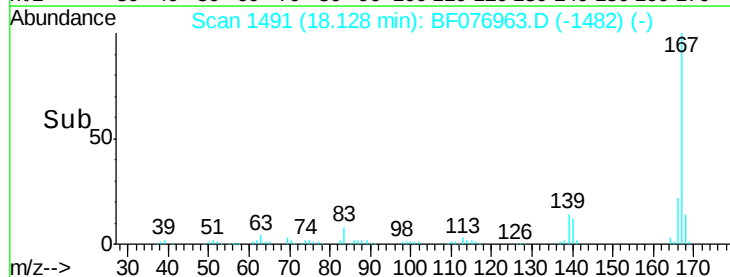
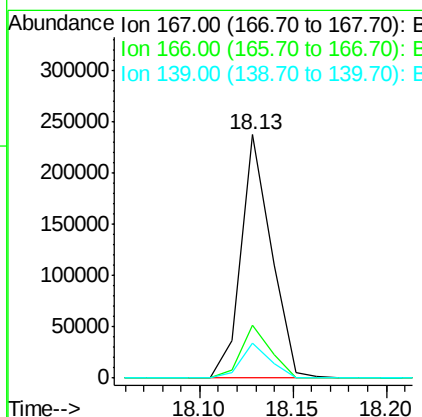
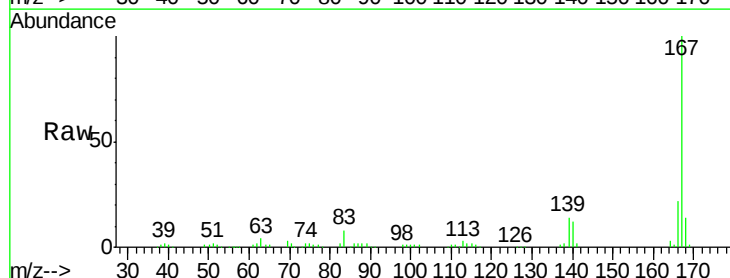
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 284740
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 14.8 11.9 17.9



#72
 Carbazole
 Concen: 40.03 ng
 RT: 18.13 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:167 Resp: 269101
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 14.3 11.3 16.9





#73

Di-n-butylphthalate

Concen: 45.15 ng

RT: 18.72 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampleId :

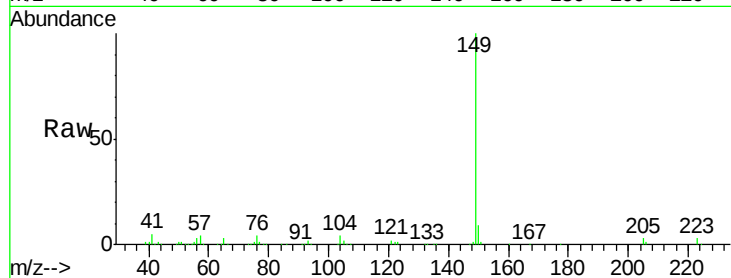
Tot Ion:149 Resp: 351347

Ion Ratio Lower Upper

149 100

150 8.7 6.9 10.3

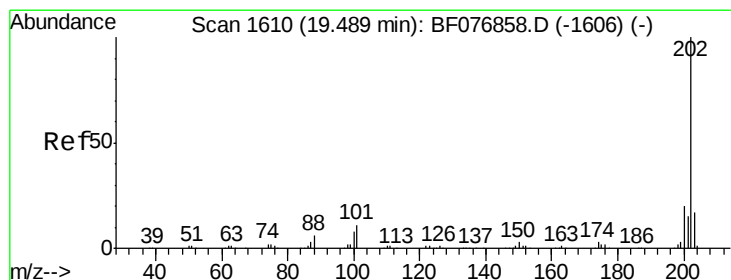
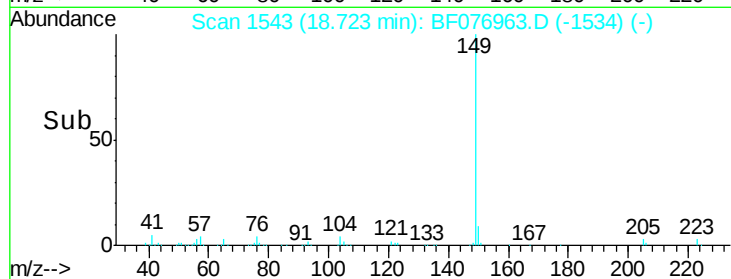
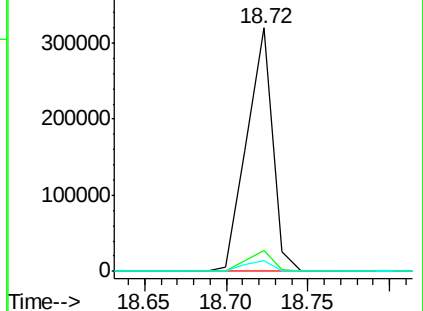
104 4.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.45 ng

RT: 19.41 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

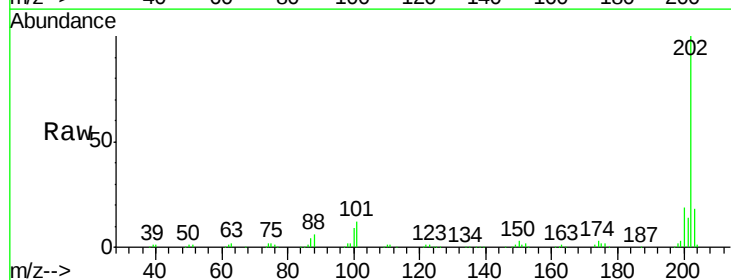
Tgt Ion:202 Resp: 294615

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.7

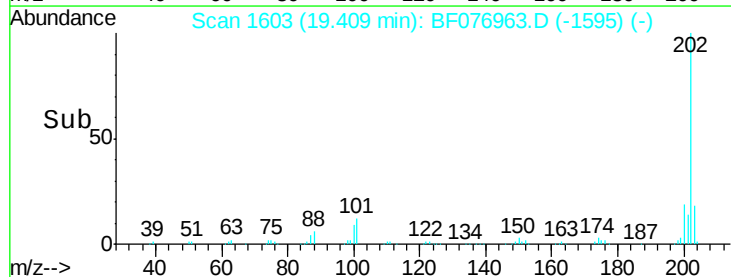
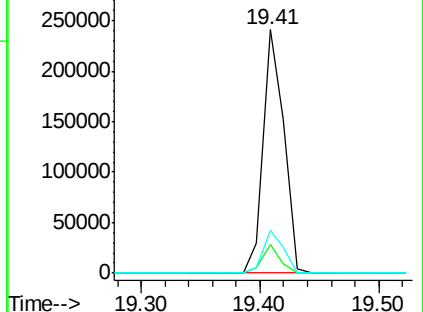
203 17.8 0.0 36.9

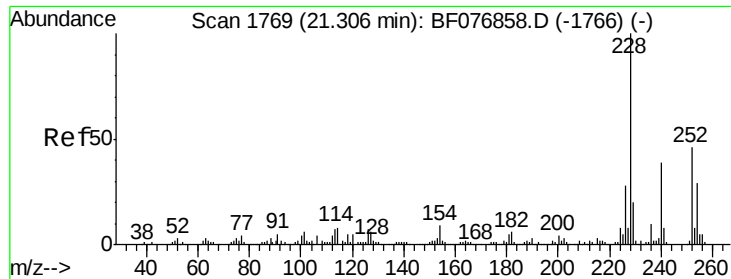


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.24 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampleId :

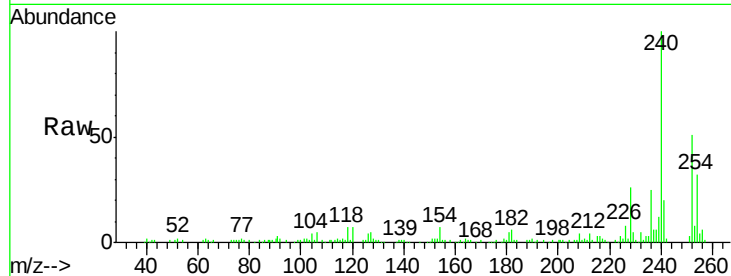
Tot Ion:240 Resp: 112557

Ion Ratio Lower Upper

240 100

120 6.7 10.4 15.6#

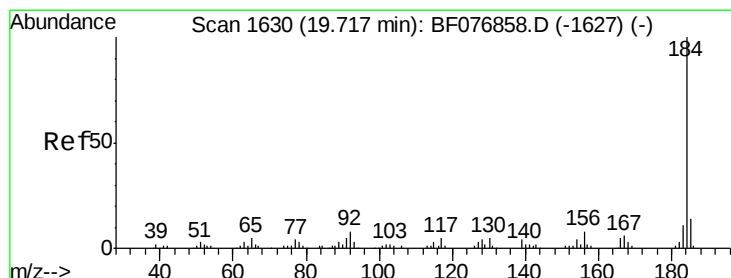
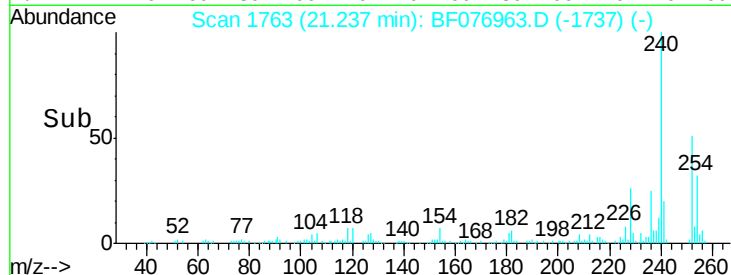
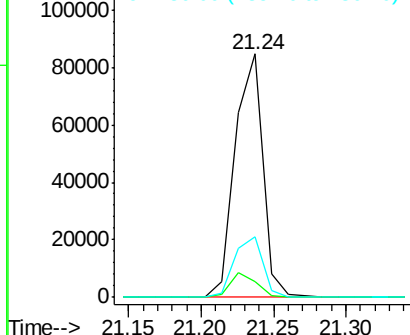
236 24.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.53 ng

RT: 19.65 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

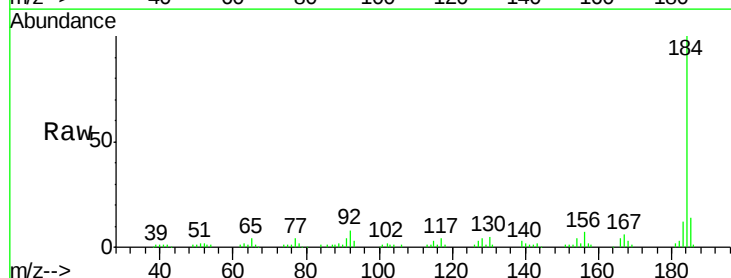
Tgt Ion:184 Resp: 124366

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

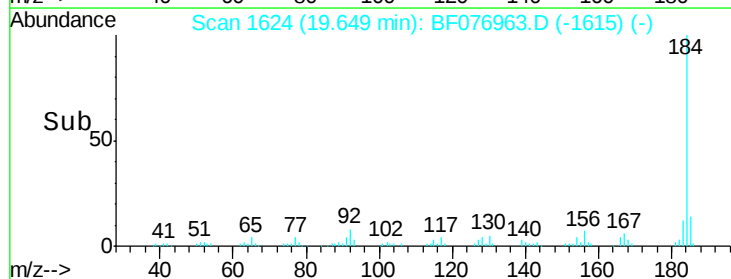
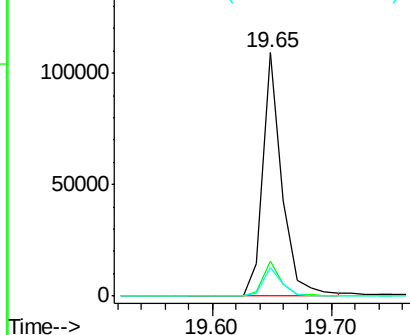
183 11.8 9.0 13.6

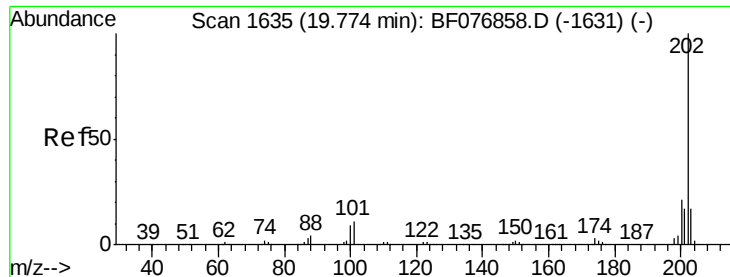


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

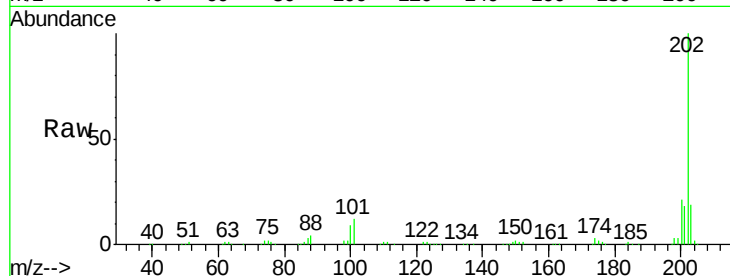




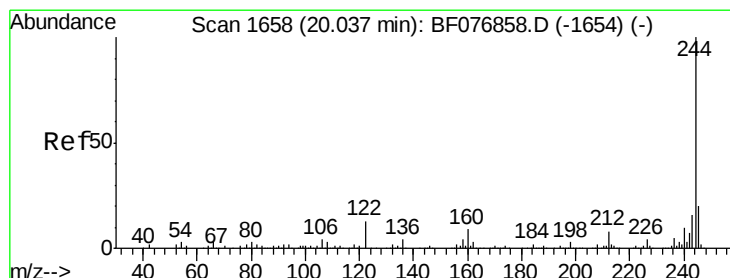
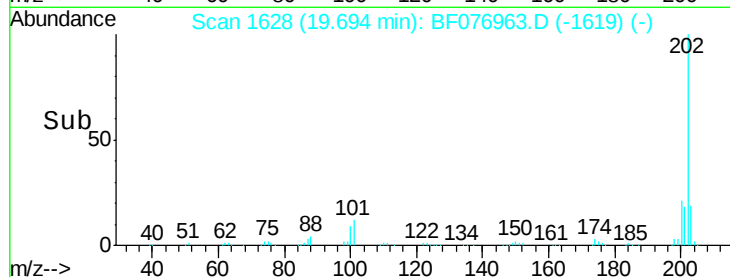
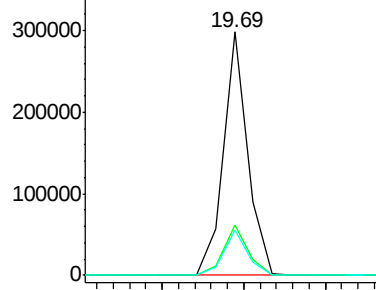
#77
 Pvrene
 Concen: 40.01 ng
 RT: 19.69 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 308664
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.7 25.1
 203 18.5 14.0 21.0

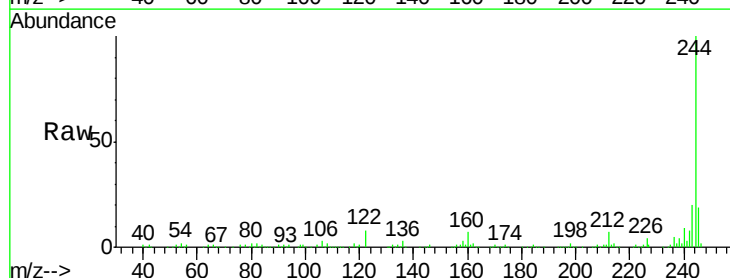


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

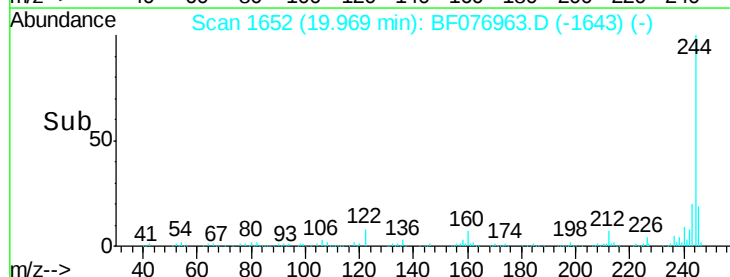
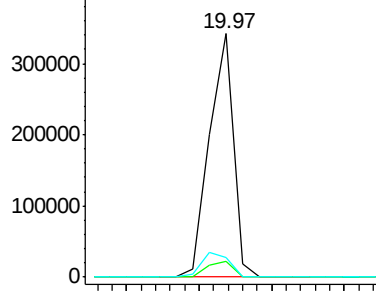


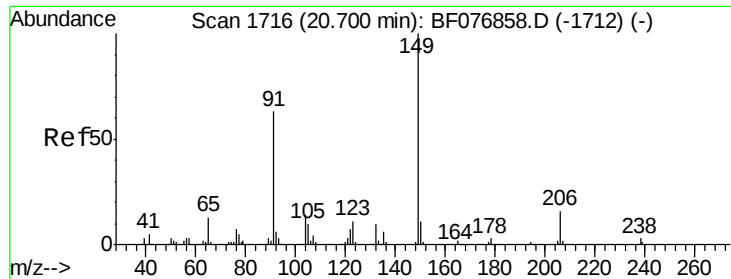
#78
 Terphenyl-d14
 Concen: 80.50 ng
 RT: 19.97 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:244 Resp: 393583
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.3 9.5
 122 8.1 10.1 15.1#



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

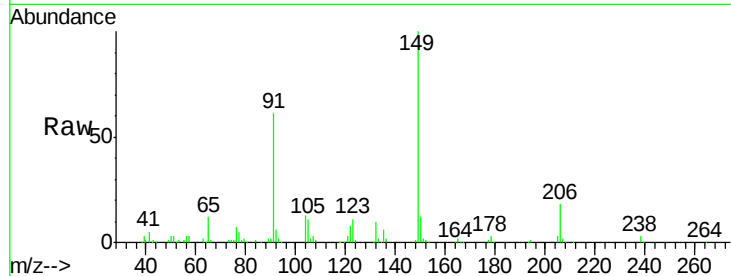




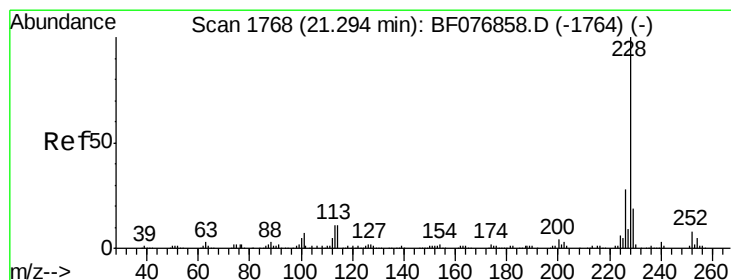
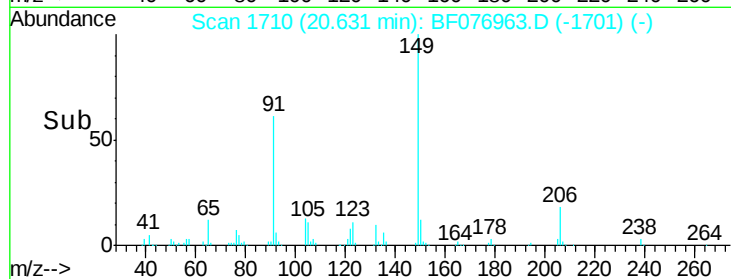
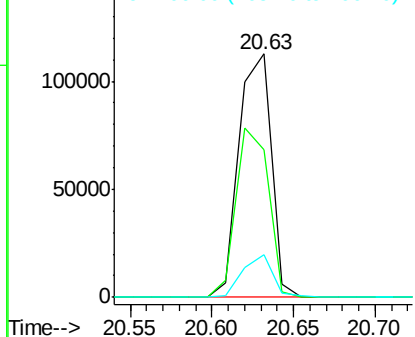
#79
Butylbenzylphthalate
Concen: 44.32 ng
RT: 20.63 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 154835
Ion Ratio Lower Upper
149 100
91 60.8 50.6 76.0
206 17.7 12.8 19.2

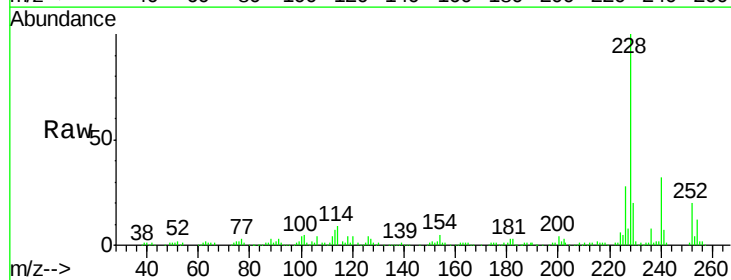


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

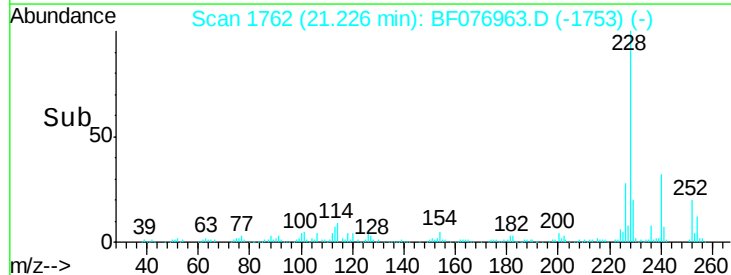
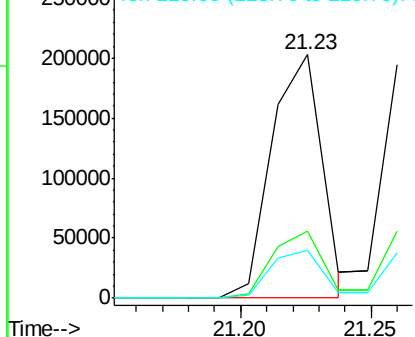


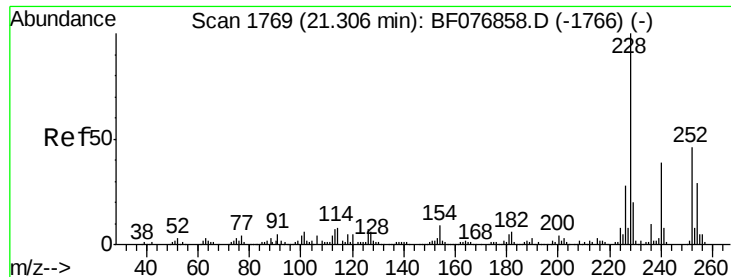
#80
Benzo(a)anthracene
Concen: 38.69 ng
RT: 21.23 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:228 Resp: 273190
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.8 15.5 23.3



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

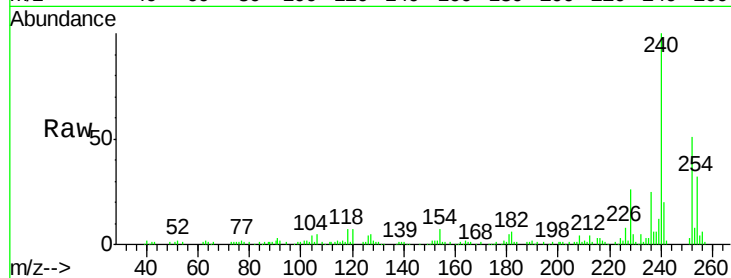




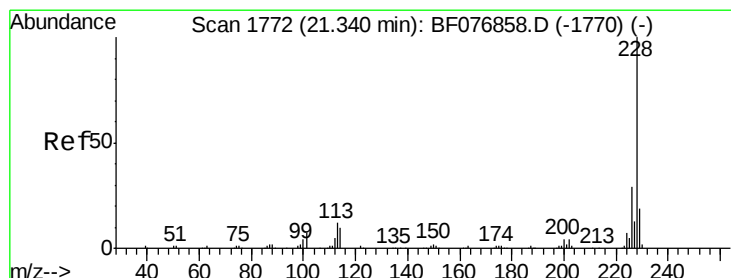
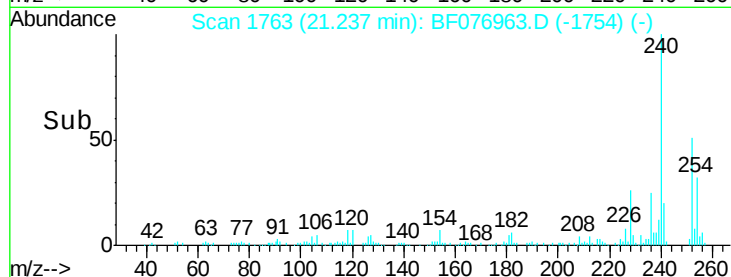
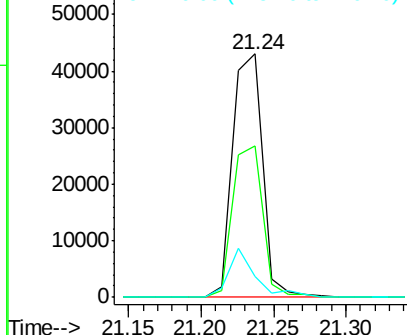
#81
 3,3'-Dichlorobenzidine
 Concen: 27.59 ng
 RT: 21.24 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 61923
 Ion Ratio Lower Upper
 252 100
 254 62.0 50.2 75.4
 126 8.3 11.5 17.3#

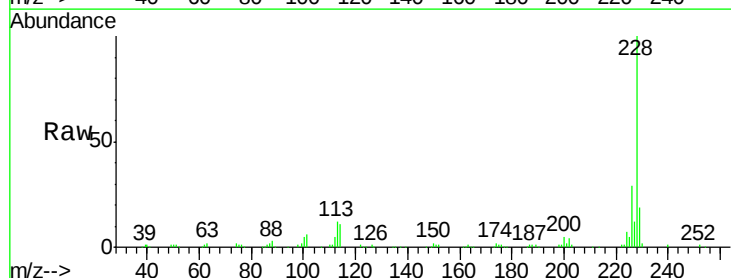


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

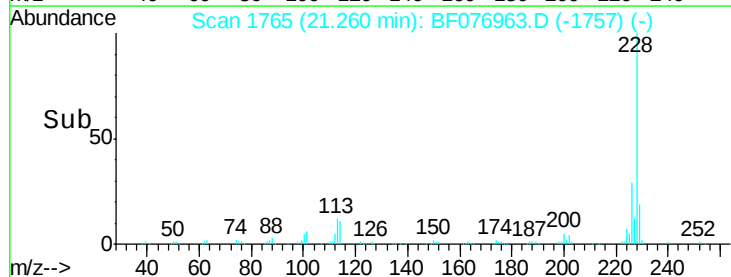
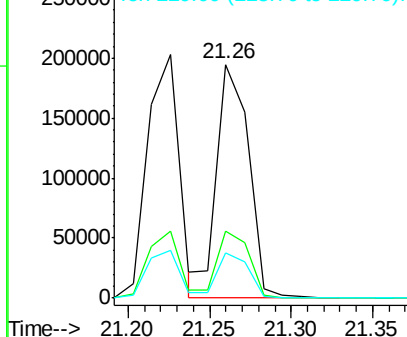


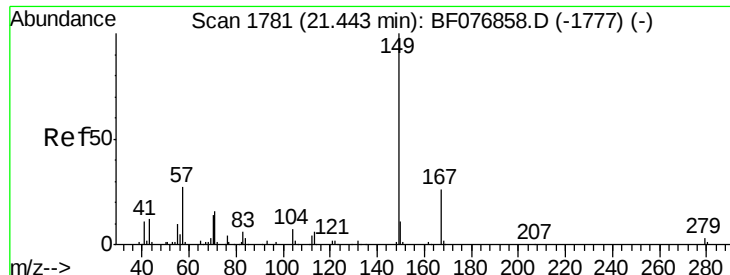
#82
 Chrysene
 Concen: 40.53 ng
 RT: 21.26 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:228 Resp: 261011
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.4 35.0
 229 19.3 15.4 23.0



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

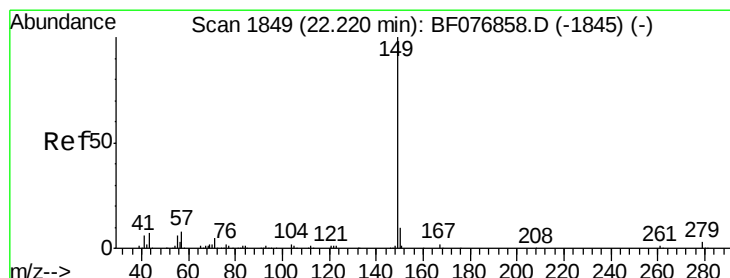
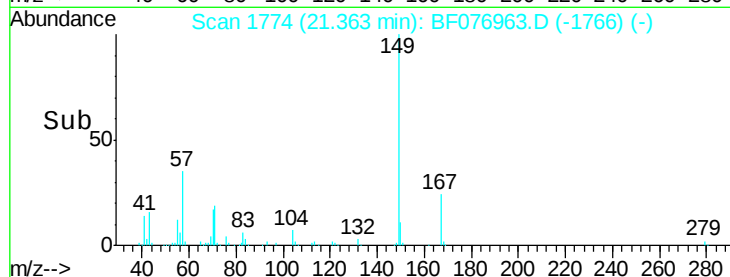
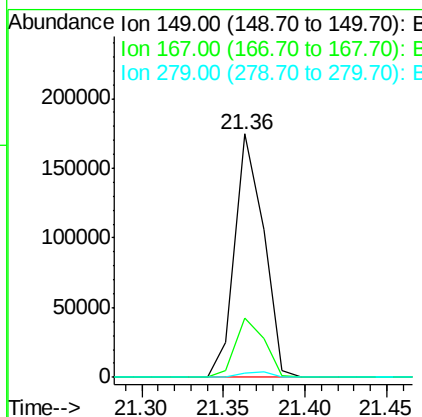
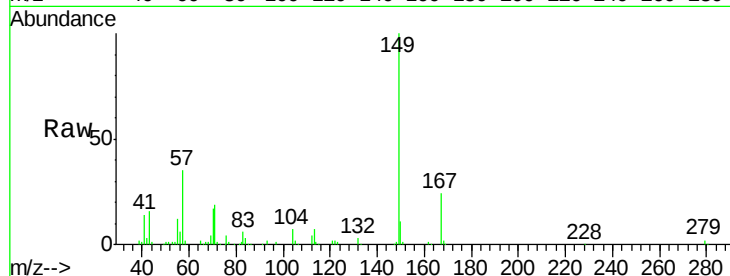




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.13 ng
 RT: 21.36 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

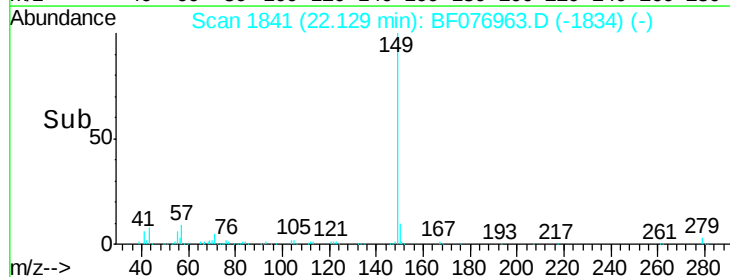
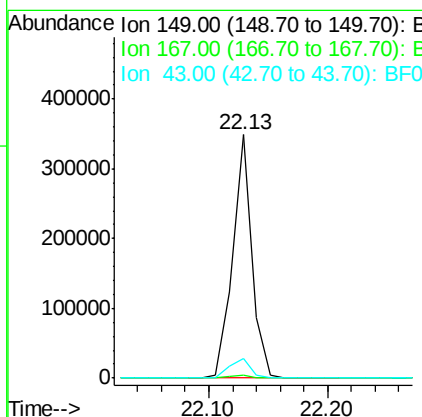
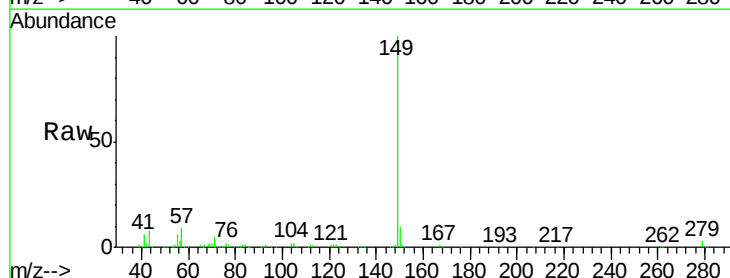
Instrument :
 BNA_F
 ClientSampleId :

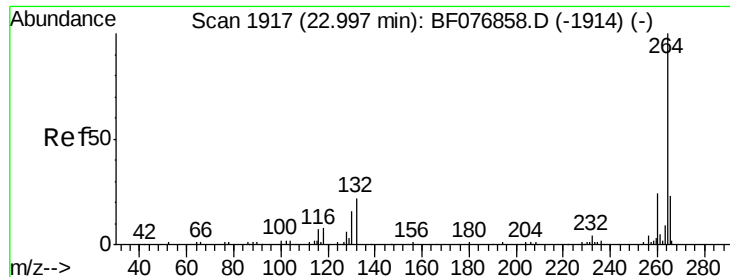
Tot Ion:149 Resp: 213319
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.6 30.8
 279 2.0 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 46.54 ng
 RT: 22.13 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF076963.D
 Acq: 20 Jan 2015 15:37

Tgt Ion:149 Resp: 390422
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.0 6.6 10.0

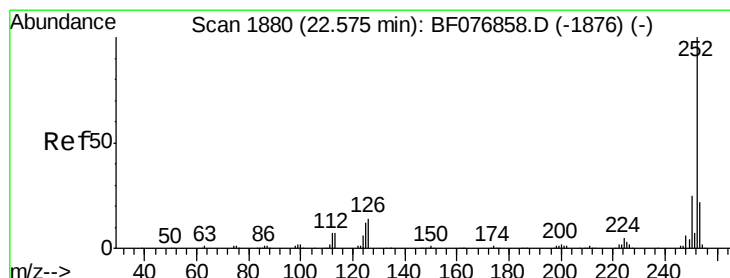
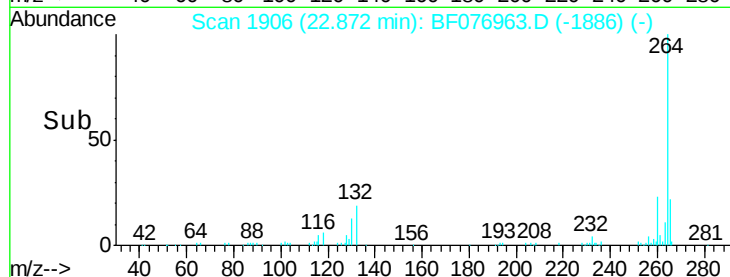
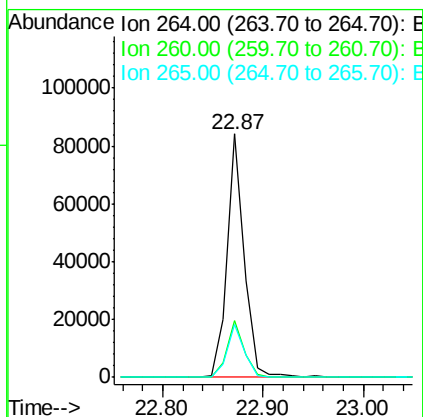
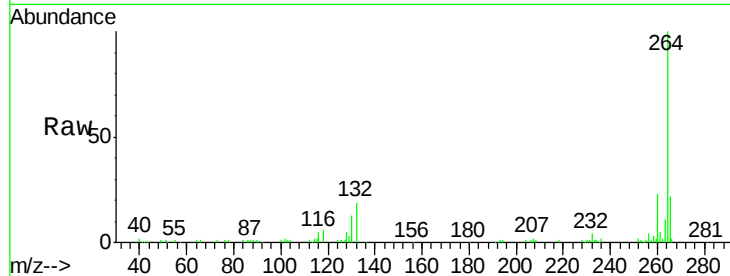




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.87 min Scan# 1906
Delta R.T. -0.07 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

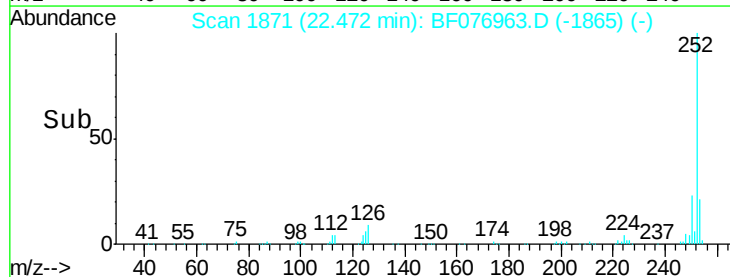
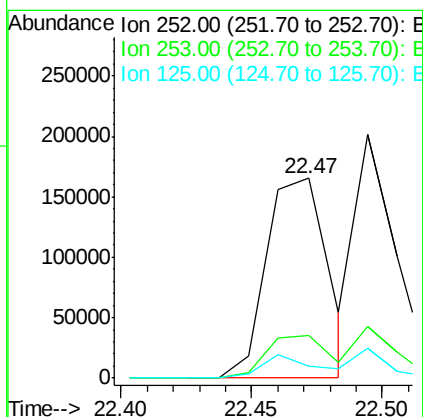
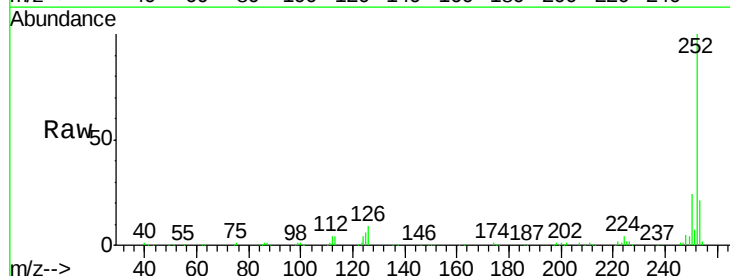
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 99053
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.7 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 40.49 ng
RT: 22.47 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:252 Resp: 270139
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 6.2 9.4 14.0#

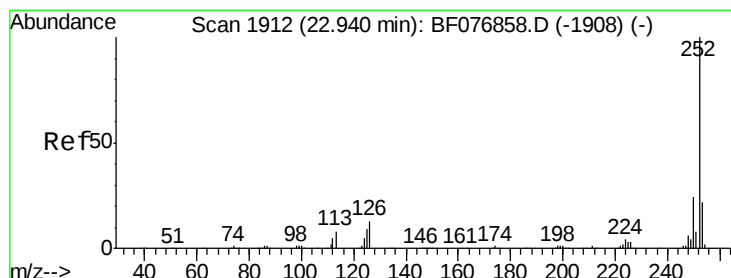
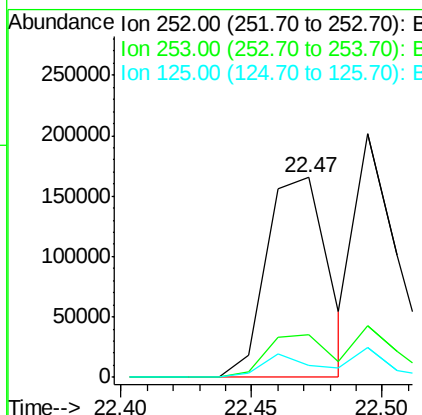
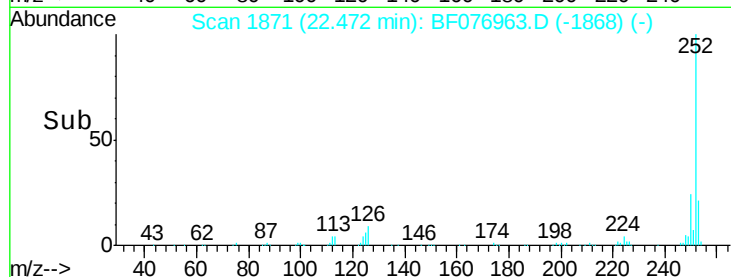
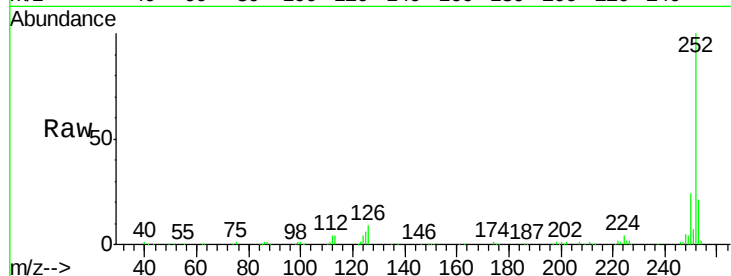




#88
Benzo(k)fluoranthene
Concen: 46.35 ng
RT: 22.47 min Scan# 1871
Delta R.T. -0.07 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

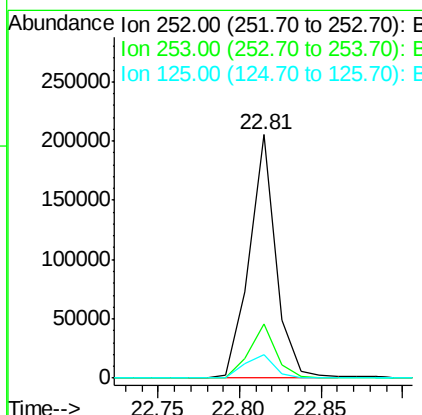
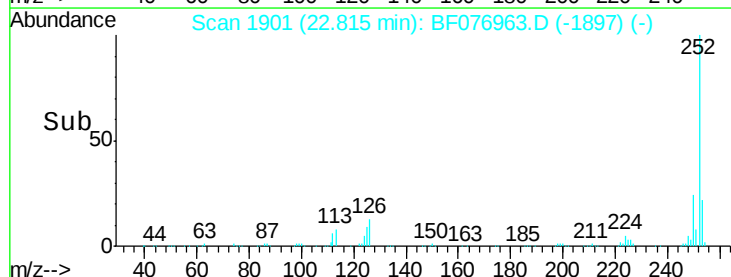
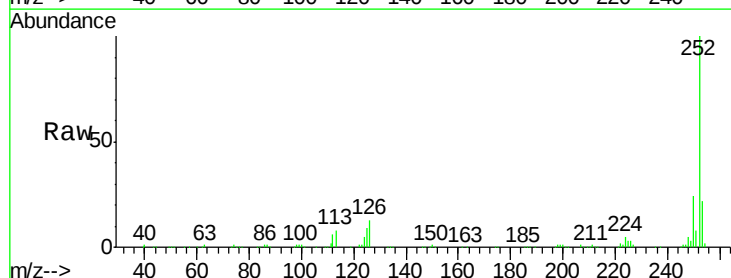
Instrument :
BNA_F
ClientSampled :

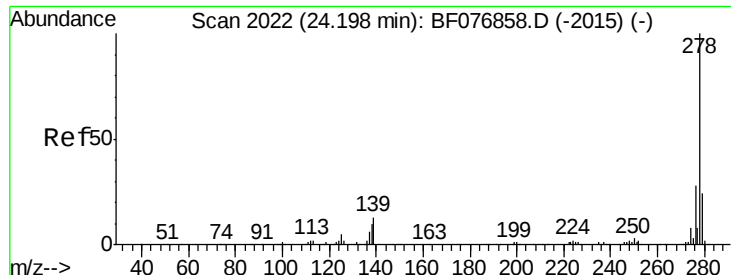
Tot Ion:252 Resp: 270139
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 6.2 7.1 10.7#



#89
Benzo(a)pyrene
Concen: 39.75 ng
RT: 22.81 min Scan# 1901
Delta R.T. -0.06 min
Lab File: BF076963.D
Acq: 20 Jan 2015 15:37

Tgt Ion:252 Resp: 233913
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.4 7.2 10.8





#90

Dibenzo(a,h)anthracene

Concen: 32.10 ng

RT: 24.00 min Scan# 2005

Delta R.T. -0.13 min

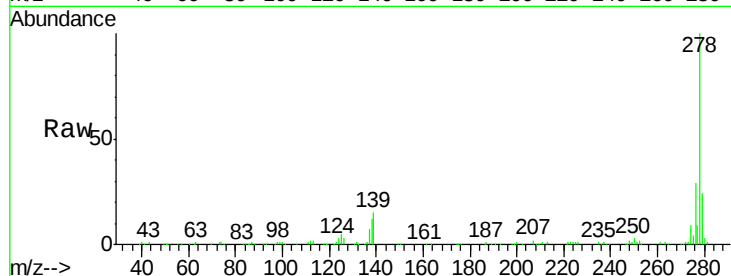
Lab File: BF076963.D

Acq: 20 Jan 2015 15:37

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 278 Resp: 173302

Ion Ratio Lower Upper

278 100

139 15.1 10.5 15.7

279 24.4 19.3 28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

