

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077832.D
 Acq On : 19 Mar 2015 15:55
 Operator : TP/IZ
 Sample : PB82191BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

Quant Time: Mar 20 01:27:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	41104	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	162724	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	81842	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	165935	20.00	ng	0.00
75) Chrysene-d12	16.04	240	182474	20.00	ng	0.01
86) Perylene-d12	17.84	264	178667	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	261794	111.17	ng	0.01
7) Phenol-d6	6.73	99	315938	108.59	ng	0.00
23) Nitrobenzene-d5	7.85	82	186806	75.25	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	81831	104.50	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	398054	71.48	ng	0.00
78) Terphenyl-d14	14.74	244	511025	68.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	33007	30.87	ng	# 100
3) Pyridine	2.75	79	87615	30.50	ng	99
4) n-Nitrosodimethylamine	2.67	42	40221	32.16	ng	99
6) Aniline	6.74	93	77911	18.72	ng	# 50
8) 2-Chlorophenol	6.89	128	101428	36.19	ng	95
9) Benzaldehyde	6.60	77	6176	5.18	ng	89
10) Phenol	6.75	94	118827	34.55	ng	# 73
11) bis(2-Chloroethyl)ether	6.84	93	91570	35.55	ng	89
12) 1,3-Dichlorobenzene	7.07	146	104526m	33.53	ng	
13) 1,4-Dichlorobenzene	7.17	146	110261	34.04	ng	97
14) 1,2-Dichlorobenzene	7.36	146	103796	34.95	ng	96
15) Benzyl Alcohol	7.34	79	83072	36.58	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.52	45	118723	34.20	ng	97
17) 2-Methylphenol	7.49	107	82277	36.06	ng	97
18) Hexachloroethane	7.78	117	35994	33.88	ng	# 80
19) n-Nitroso-di-n-propylamine	7.68	70	69017	34.29	ng	# 96
20) 3+4-Methylphenols	7.69	107	108872	36.36	ng	95
22) Acetophenone	7.66	105	138258	38.38	ng	# 94
24) Nitrobenzene	7.87	77	101656	38.01	ng	93
25) Isophorone	8.17	82	178015	35.51	ng	# 91
26) 2-Nitrophenol	8.27	139	46037	35.16	ng	95
27) 2,4-Dimethylphenol	8.34	122	93324	39.12	ng	98
28) bis(2-Chloroethoxy)methane	8.45	93	116557	38.30	ng	99
29) 2,4-Dichlorophenol	8.57	162	86435	38.02	ng	97
30) 1,2,4-Trichlorobenzene	8.66	180	87988	34.59	ng	95
31) Naphthalene	8.76	128	285597	34.17	ng	99
32) Benzoic acid	8.45	122	52003	39.66	ng	90
33) 4-Chloroaniline	8.84	127	73421	21.65	ng	98
34) Hexachlorobutadiene	8.91	225	47896	33.22	ng	97
35) Caprolactam	9.26	113	26619	40.06	ng	95
36) 4-Chloro-3-methylphenol	9.45	107	85896	37.55	ng	85
37) 2-Methylnaphthalene	9.62	142	202233	36.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	86645	35.50	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	85856	70.64	ng	97

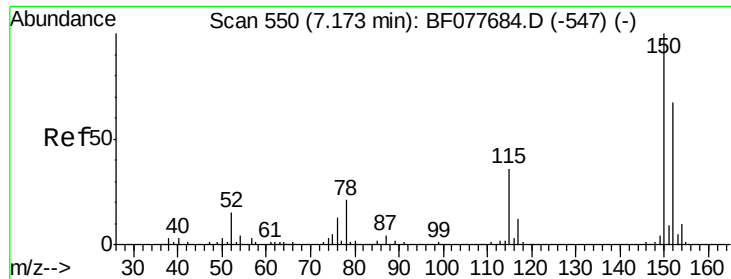
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077832.D
 Acq On : 19 Mar 2015 15:55
 Operator : TP/IZ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	62926	37.21	nq	98
43) 2,4,5-Trichlorophenol	10.02	196	65410	35.81	nq	# 90
45) 1,1'-Biphenyl	10.20	154	238589	36.47	nq	98
46) 2-Chloronaphthalene	10.21	162	184227	34.65	nq	# 92
47) 2-Nitroaniline	10.35	65	52219	39.55	nq	92
48) Acenaphthylene	10.73	152	306459	34.66	nq	100
49) Dimethylphthalate	10.59	163	231873	38.20	nq	100
50) 2,6-Dinitrotoluene	10.66	165	48113	38.24	nq	98
51) Acenaphthene	10.95	154	179625	35.43	nq	99
52) 3-Nitroaniline	10.87	138	40834	27.94	nq	91
53) 2,4-Dinitrophenol	11.00	184	39576	85.05	nq	# 70
54) Dibenzofuran	11.16	168	274115	36.46	nq	98
55) 4-Nitrophenol	11.09	139	86248	79.68	nq	85
56) 2,4-Dinitrotoluene	11.16	165	64494	39.31	nq	# 67
57) Fluorene	11.59	166	223445	35.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	53350	37.93	nq	# 100
59) Diethylphthalate	11.47	149	220332	37.25	nq	100
60) 4-Chlorophenyl-phenylether	11.60	204	101060	35.47	nq	96
61) 4-Nitroaniline	11.62	138	56061	38.49	nq	84
62) Azobenzene	11.79	77	206830	36.59	nq	97
64) 4,6-Dinitro-2-methylphenol	11.65	198	26731	35.36	nq	87
65) n-Nitrosodiphenylamine	11.75	169	197628	35.77	nq	98
66) 4-Bromophenyl-phenylether	12.20	248	60460	34.14	nq	98
67) Hexachlorobenzene	12.26	284	66919	34.39	nq	# 92
68) Atrazine	12.42	200	63270	40.86	nq	97
69) Pentachlorophenol	12.51	266	72326	71.32	nq	99
70) Phenanthrene	12.77	178	335685	35.24	nq	99
71) Anthracene	12.83	178	334487	35.54	nq	99
72) Carbazole	13.05	167	342292	38.23	nq	98
73) Di-n-butylphthalate	13.49	149	365607	36.42	nq	100
74) Fluoranthene	14.25	202	377845	35.96	nq	99
76) Benzidine	14.43	184	170368	37.72	nq	100
77) Pyrene	14.52	202	388789	33.88	nq	99
79) Butylbenzylphthalate	15.36	149	161121	35.61	nq	# 83
80) Benzo(a)anthracene	16.03	228	379251	35.06	nq	100
81) 3,3'-Dichlorobenzidine	16.01	252	75909	21.27	nq	97
82) Chrysene	16.08	228	364251	37.45	nq	99
83) Bis(2-ethylhexyl)phthalate	16.10	149	232136	33.87	nq	# 96
84) Di-n-octyl phthalate	16.92	149	400202	34.15	nq	100
85) Indeno(1,2,3-cd)pyrene	19.25	276	408914	33.69	nq	# 100
87) Benzo(b)fluoranthene	17.38	252	366338	31.41	nq	# 97
88) Benzo(k)fluoranthene	17.41	252	378435	41.54	nq	99
89) Benzo(a)pyrene	17.78	252	366349	37.64	nq	99
90) Dibenzo(a,h)anthracene	19.29	278	338045	35.02	nq	97
91) Benzo(g,h,i)perylene	19.67	276	347642	35.38	nq	100

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

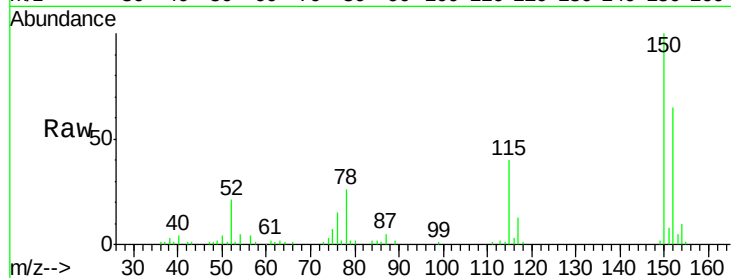


#1

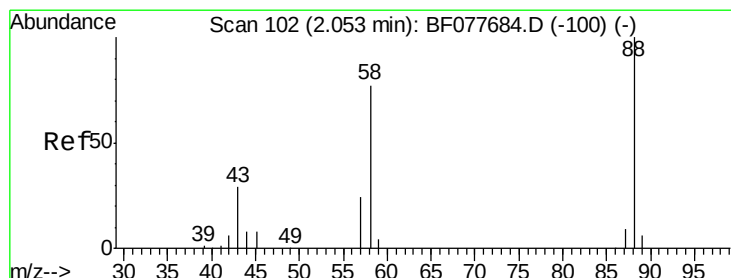
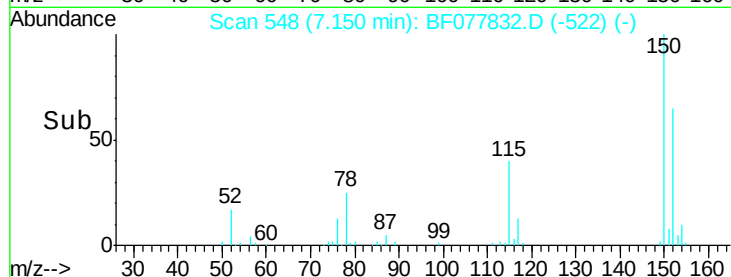
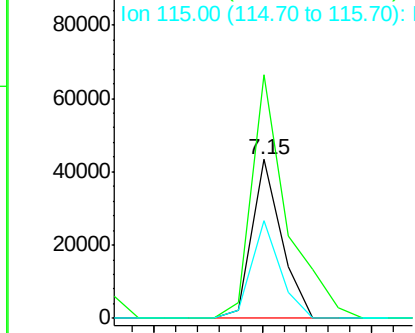
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

Tot Ion:152 Resp: 41104
 Ion Ratio Lower Upper
 152 100
 150 153.2 119.5 179.3
 115 61.2 43.0 64.4



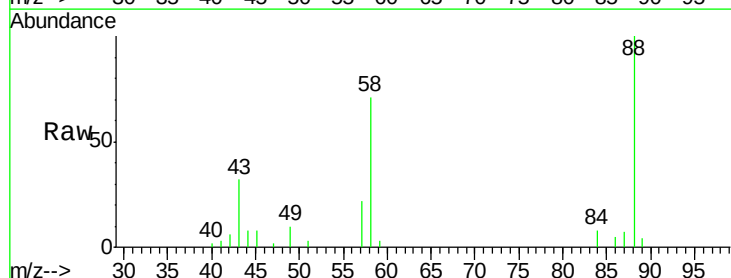
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



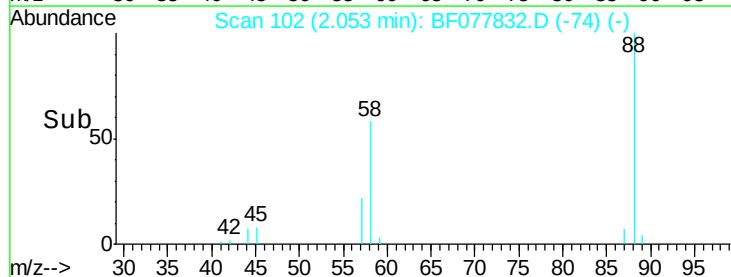
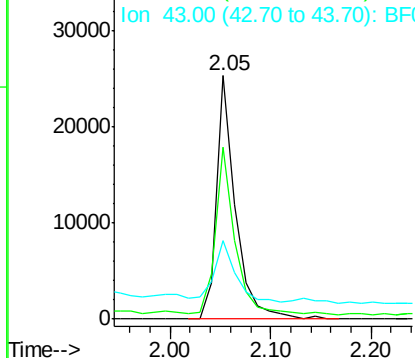
#2

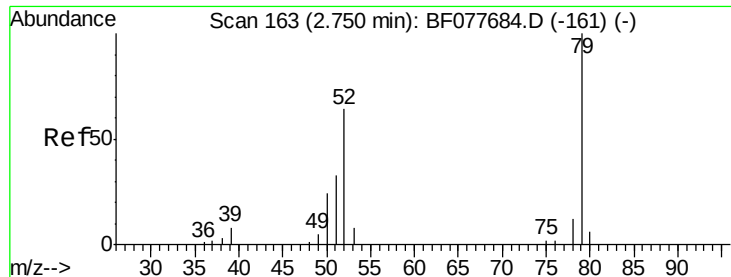
1,4-Dioxane
 Concen: 30.87 ng
 RT: 2.05 min Scan# 102
 Delta R.T. 0.02 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion: 88 Resp: 33007
 Ion Ratio Lower Upper
 88 100
 58 71.6 0.0 0.0#
 43 28.3 0.0 0.0#



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





#3

Pvridine

Concen: 30.50 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.03 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

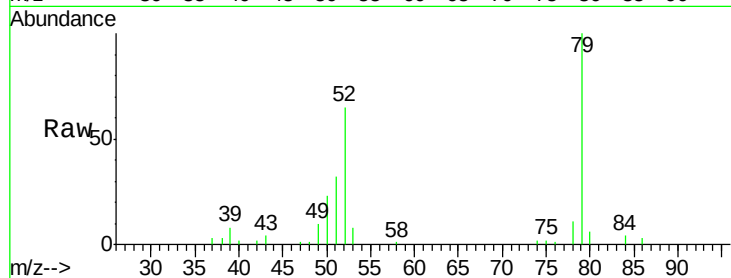
Tot Ion: 79 Resp: 87615

Ion Ratio Lower Upper

79 100

52 64.8 51.1 76.7

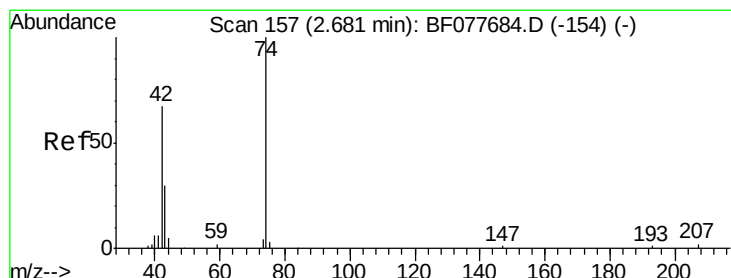
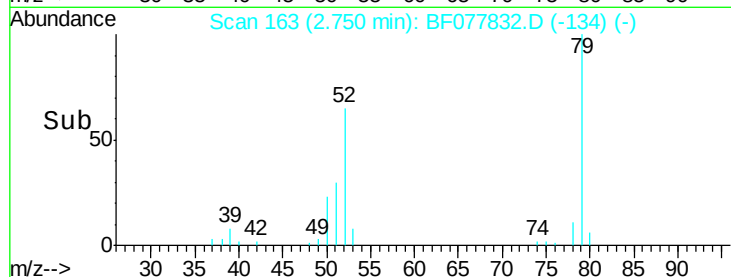
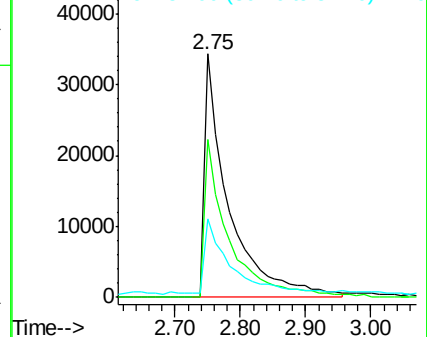
51 32.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.16 ng

RT: 2.67 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

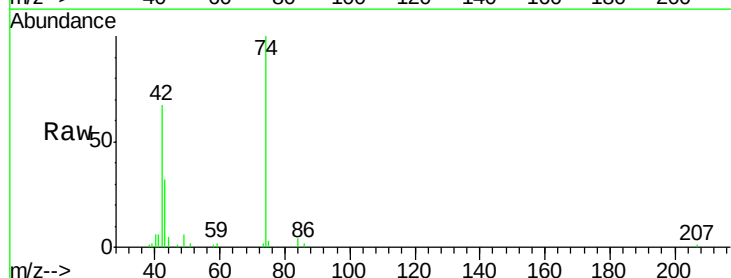
Tgt Ion: 42 Resp: 40221

Ion Ratio Lower Upper

42 100

74 150.3 119.3 178.9

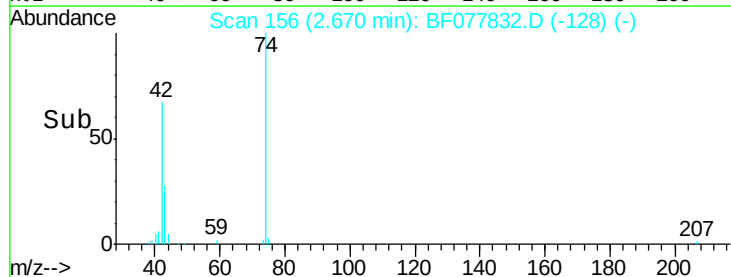
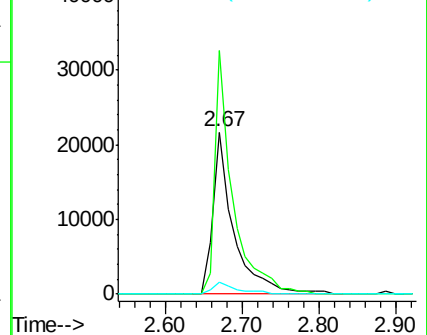
44 7.7 5.4 8.2

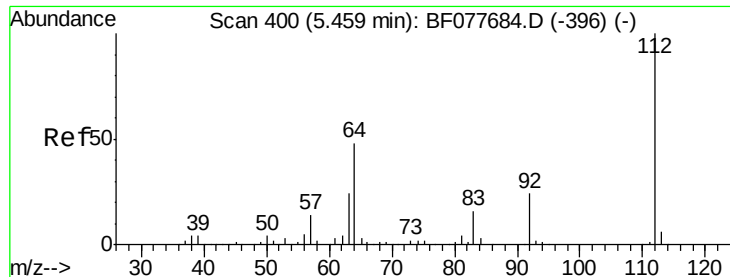


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.17 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

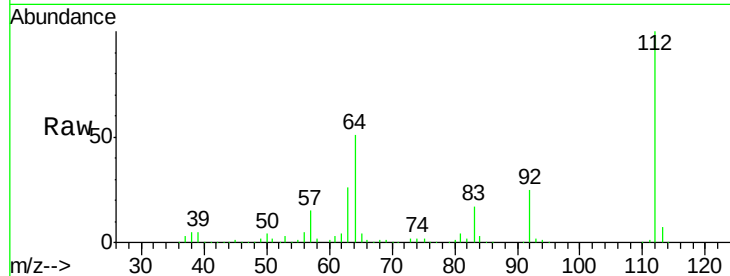
Instrument :

BNA_F

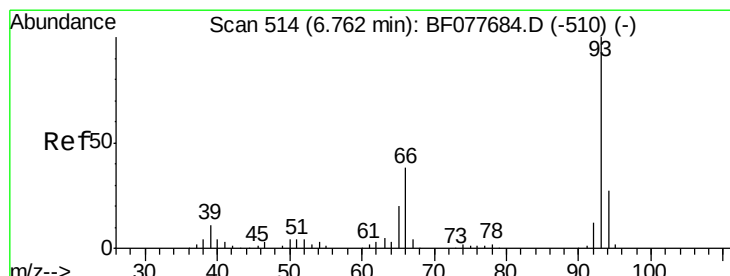
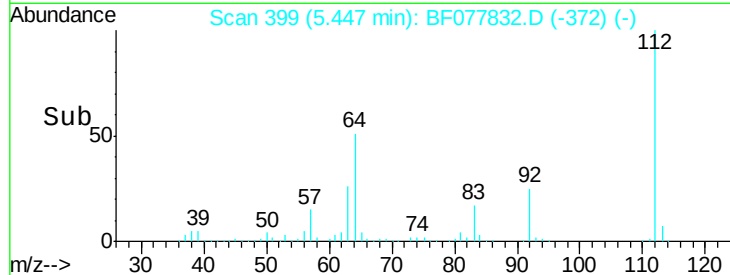
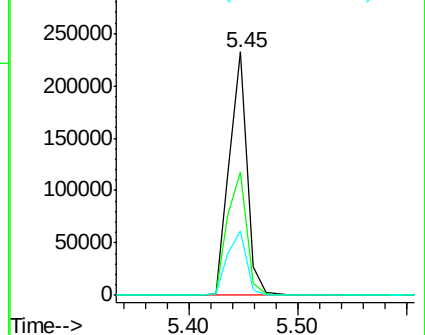
ClientSampleId :

PB82191BS

Tot Ion:	112	Resp:	261794
Ion	Ratio	Lower	Upper
112	100		
64	50.7	38.6	57.8
63	26.3	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): BF077684.D (-396) (-)



#6

Aniline

Concen: 18.72 ng

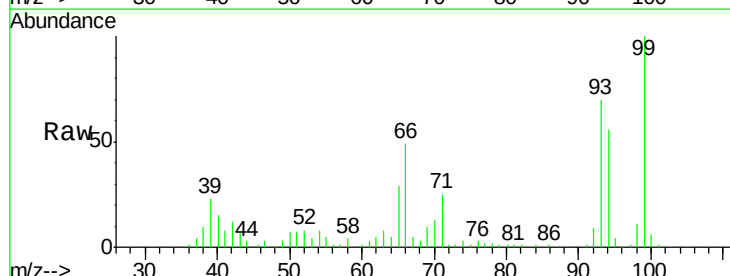
RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

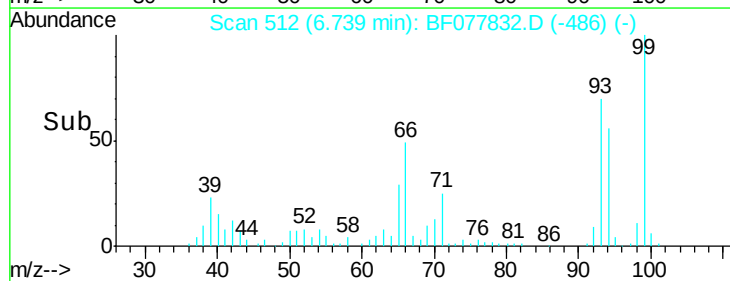
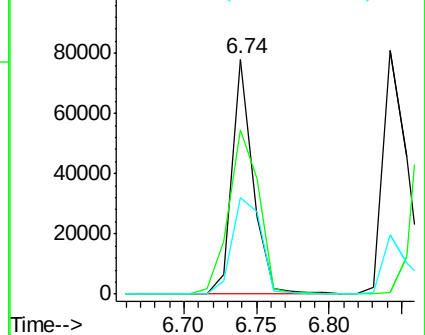
Lab File: BF077832.D

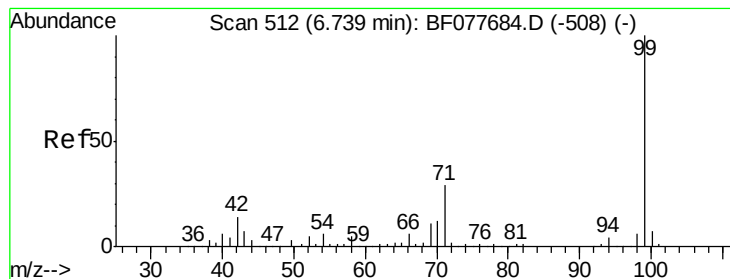
Acq: 19 Mar 2015 15:55

Tgt Ion:	93	Resp:	77911
Ion	Ratio	Lower	Upper
93	100		
66	70.2	30.8	46.2#
65	40.9	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF077684.D (-510) (-)





#7

Phenol-d6

Concen: 108.59 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

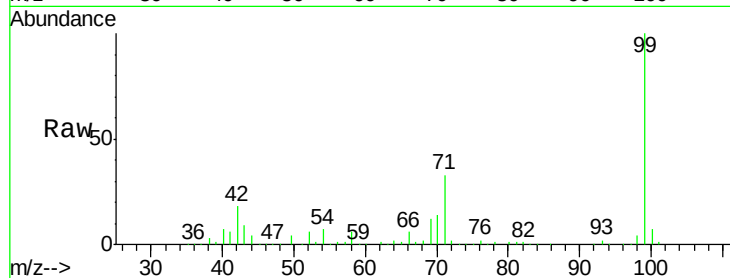
Tot Ion: 99 Resp: 315938

Ion Ratio Lower Upper

99 100

42 17.7 11.0 16.4#

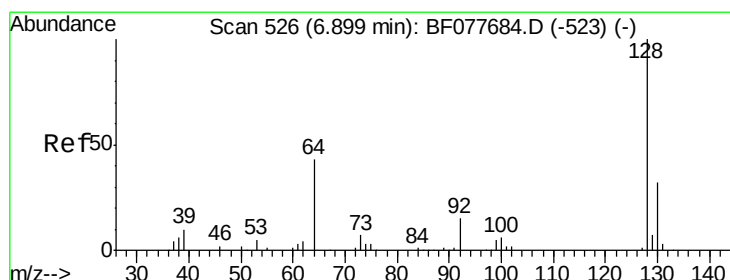
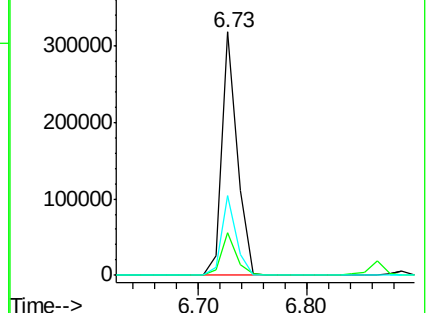
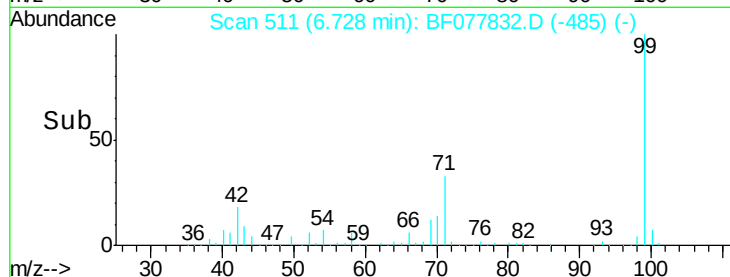
71 32.5 23.4 35.2



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: 36.19 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

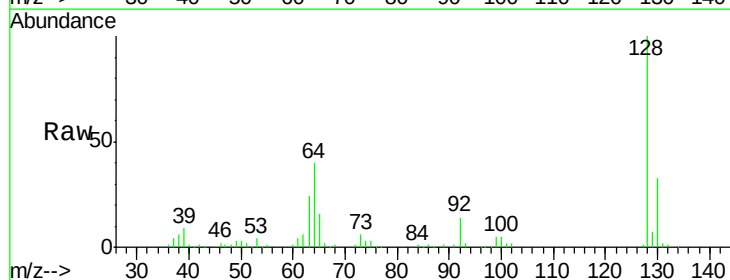
Tgt Ion:128 Resp: 101428

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

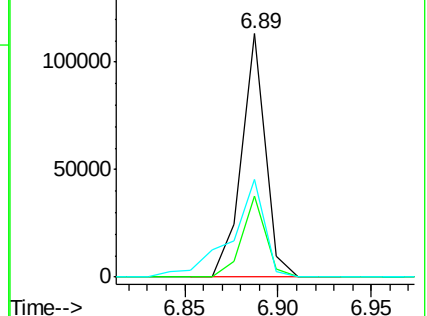
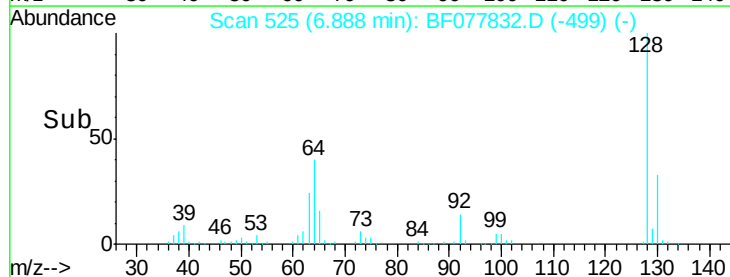
64 39.9 24.9 64.9

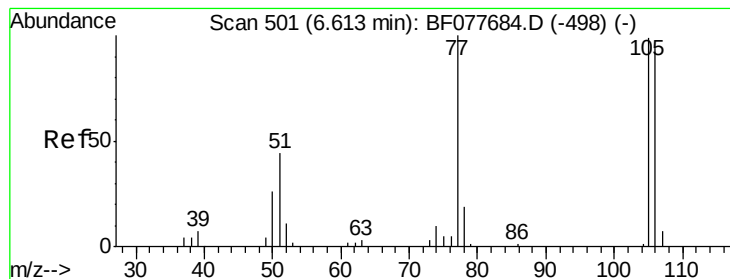


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.18 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleID :

PB82191BS

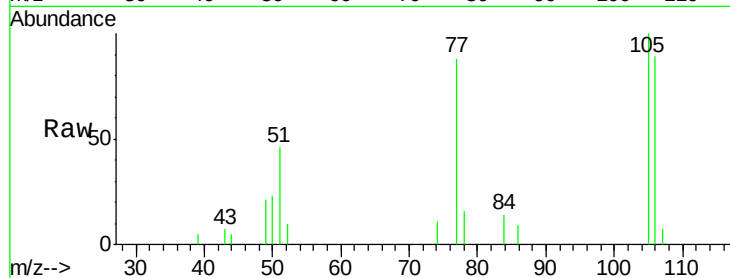
Tot Ion: 77 Resp: 6176

Ion Ratio Lower Upper

77 100

105 113.9 78.8 118.8

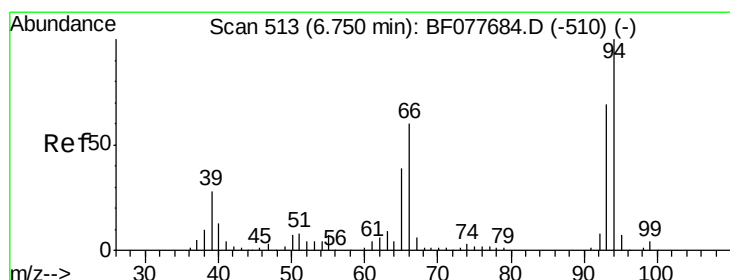
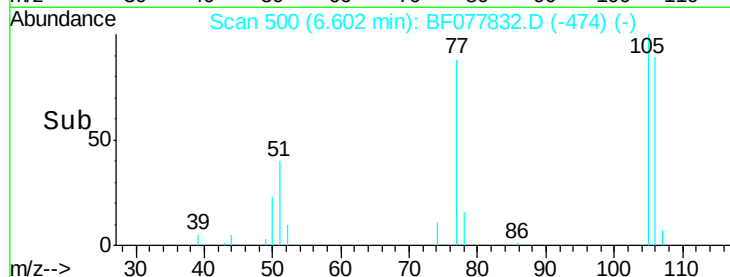
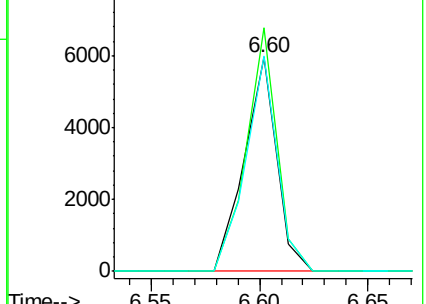
106 100.9 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.55 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

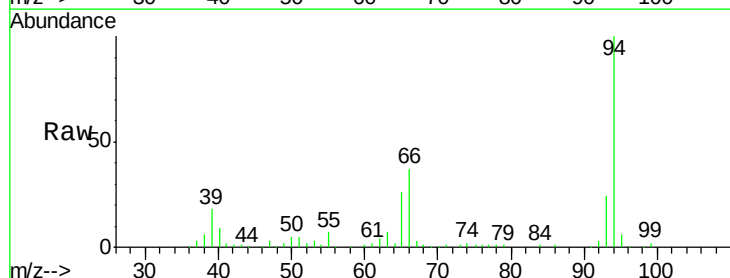
Tgt Ion: 94 Resp: 118827

Ion Ratio Lower Upper

94 100

65 26.1 18.8 58.8

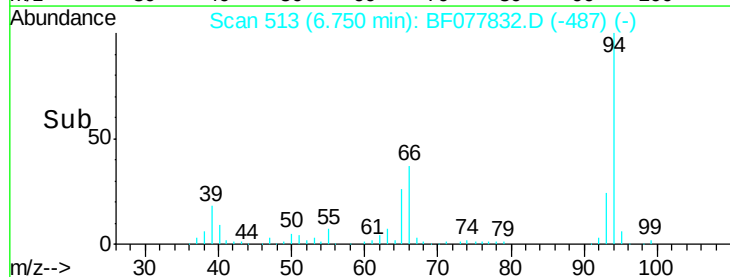
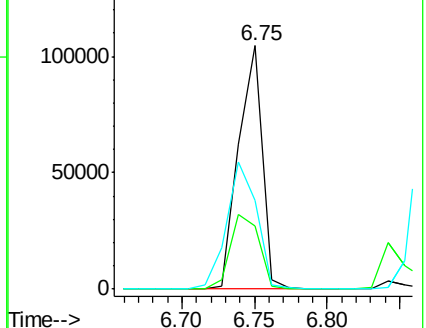
66 36.6 39.9 79.9#

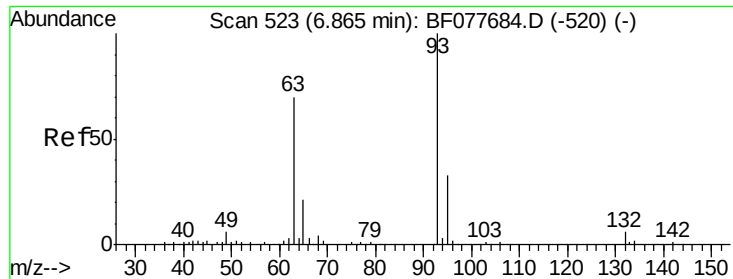


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.55 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

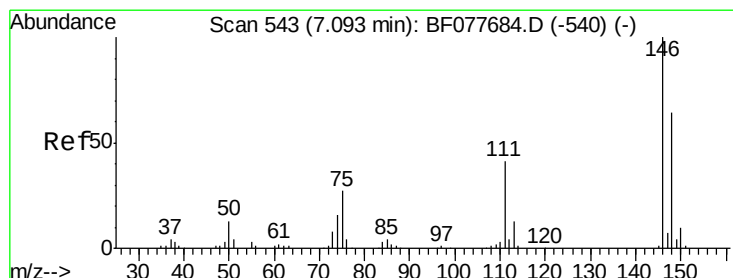
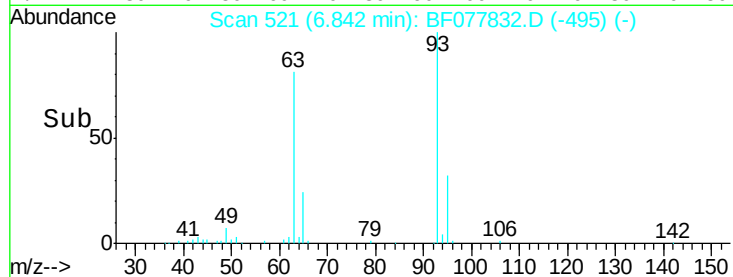
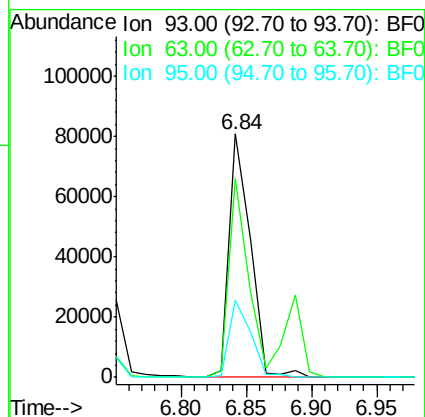
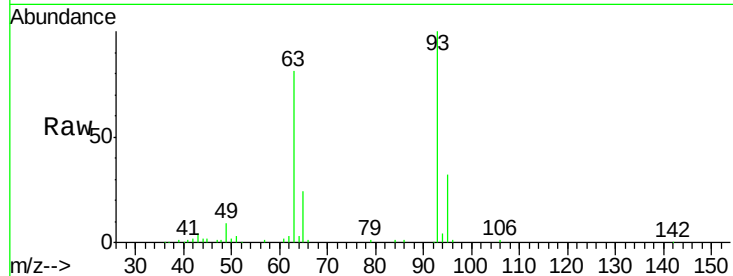
Tot Ion: 93 Resp: 91570

Ion Ratio Lower Upper

93 100

63 81.4 49.5 89.5

95 32.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 33.53 ng m

RT: 7.07 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

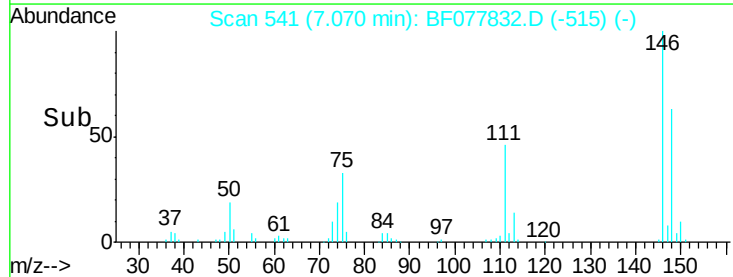
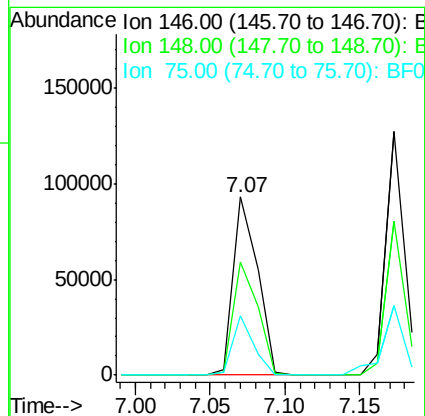
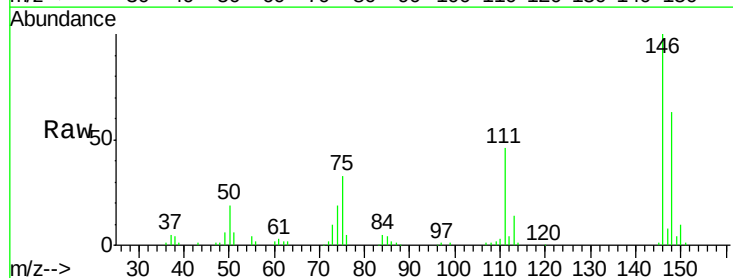
Tgt Ion: 146 Resp: 104526

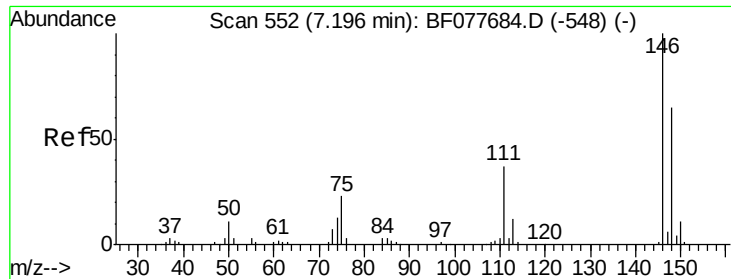
Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

75 33.0 21.4 32.2#

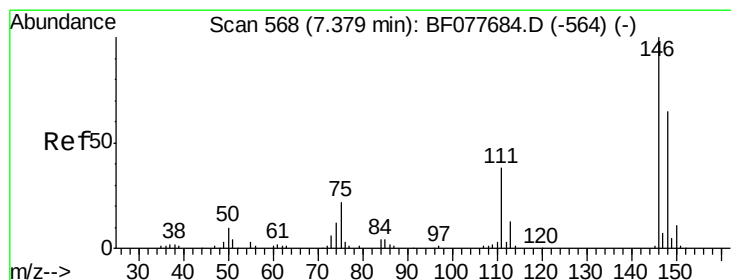
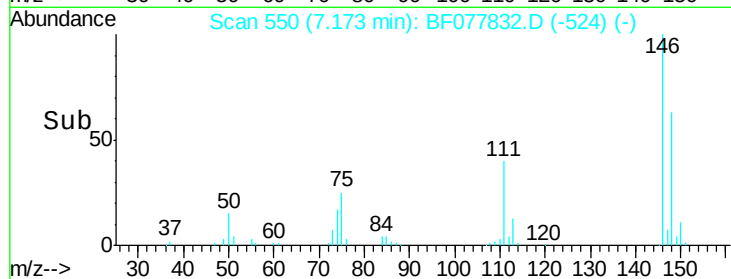
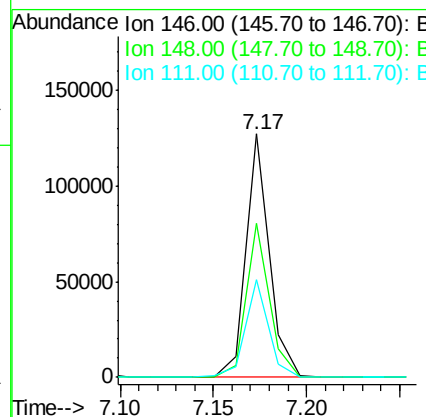
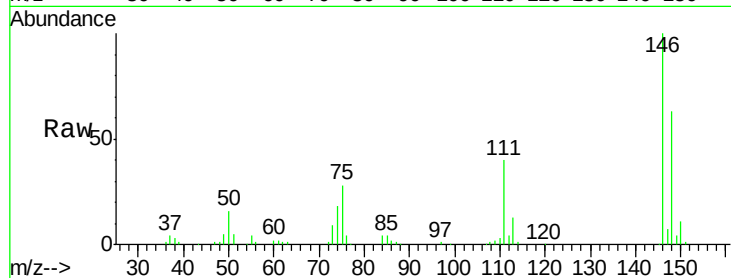




#13
 1,4-Dichlorobenzene
 Concen: 34.04 ng
 RT: 7.17 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

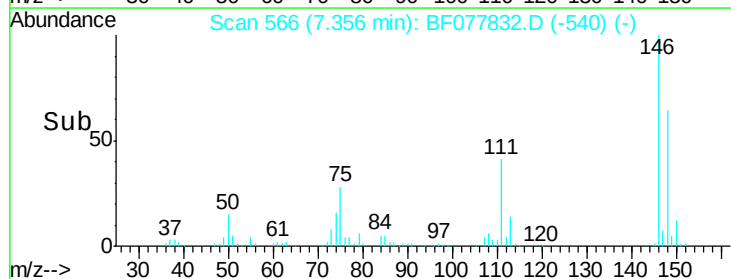
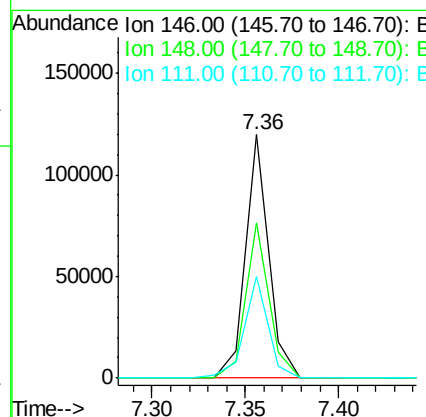
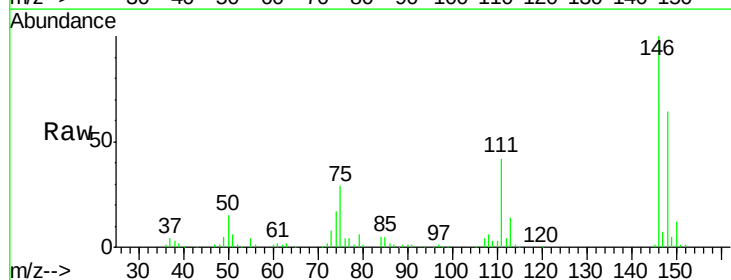
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

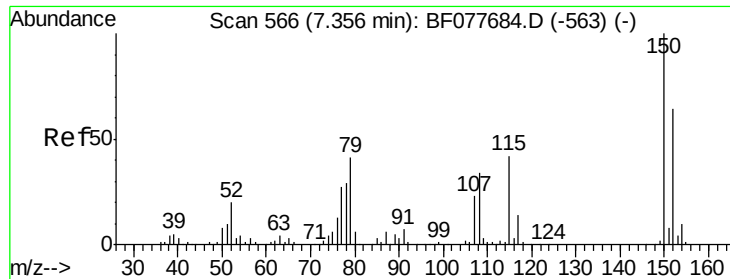
Tot Ion:146 Resp: 110261
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 39.9 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 34.95 ng
 RT: 7.36 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion:146 Resp: 103796
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 41.9 30.6 45.8

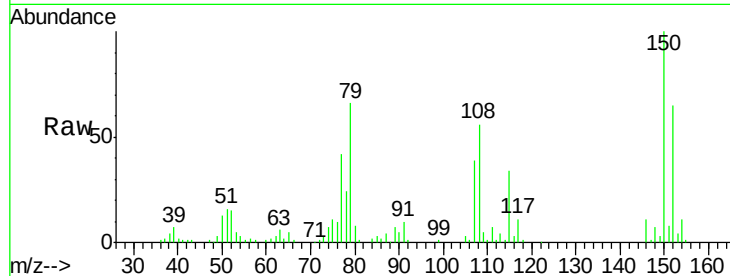




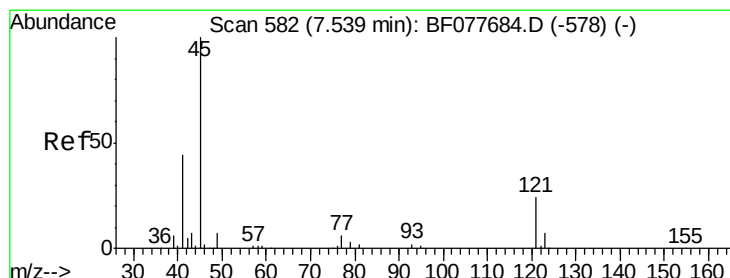
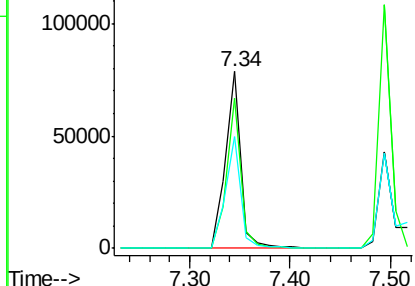
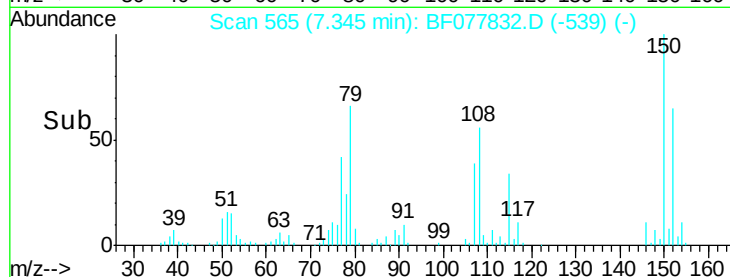
#15
Benzyl Alcohol
Concen: 36.58 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB82191BS

Tot Ion: 79 Resp: 83072
Ion Ratio Lower Upper
79 100
108 84.9 65.0 97.4
77 63.1 53.0 79.6

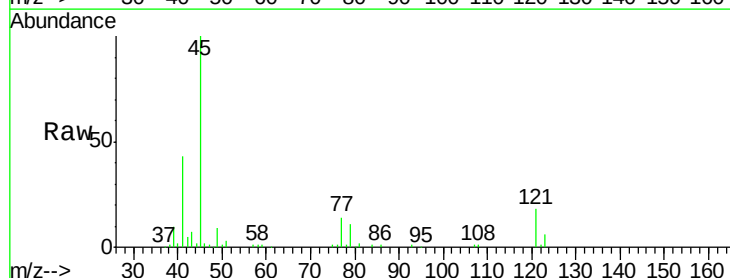


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

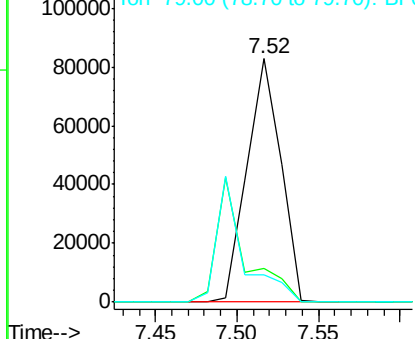
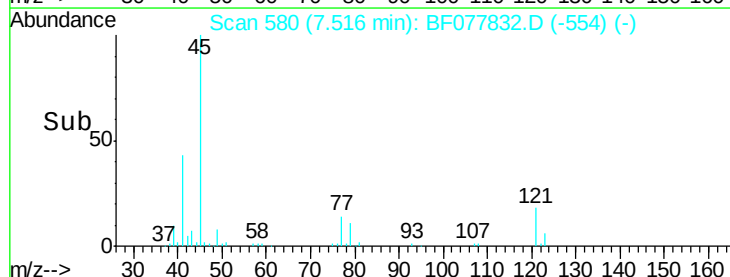


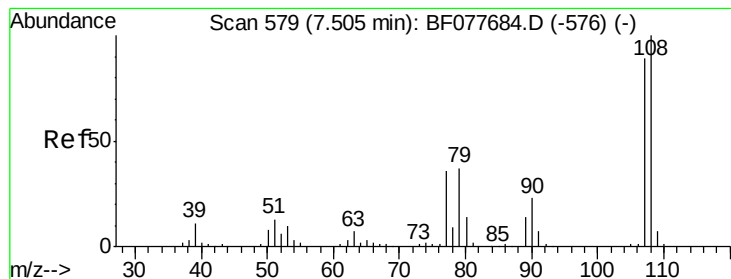
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.20 ng
RT: 7.52 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion: 45 Resp: 118723
Ion Ratio Lower Upper
45 100
77 13.9 0.0 35.2
79 11.3 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.06 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

Tot Ion:107 Resp: 82277

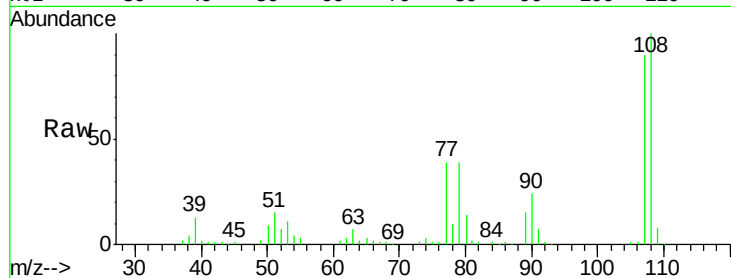
Ion Ratio Lower Upper

107 100

108 110.8 89.8 134.8

77 43.2 32.6 48.8

79 43.6 32.8 49.2

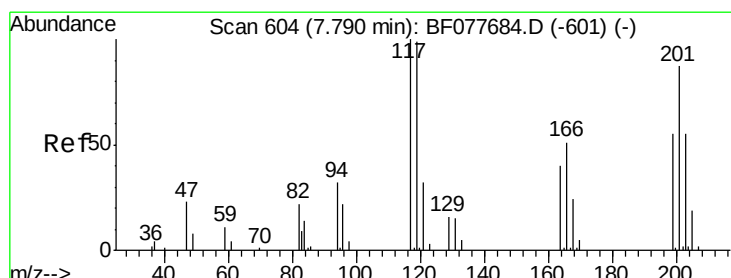
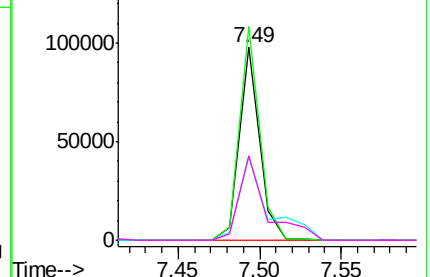
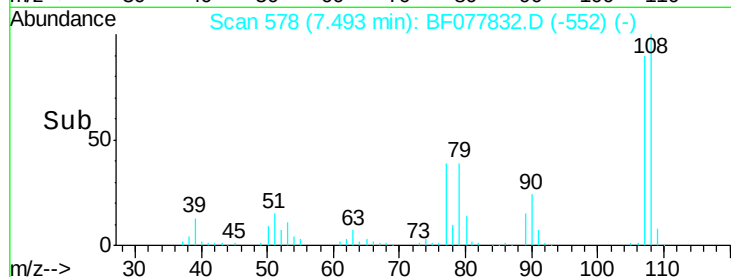


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.88 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

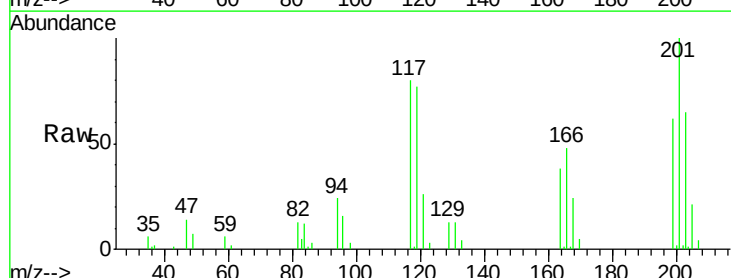
Tgt Ion:117 Resp: 35994

Ion Ratio Lower Upper

117 100

119 96.1 79.2 118.8

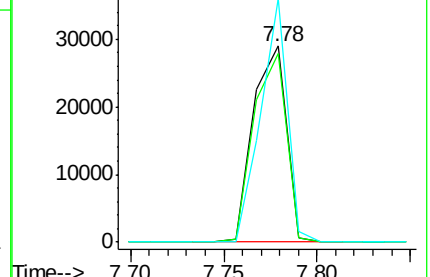
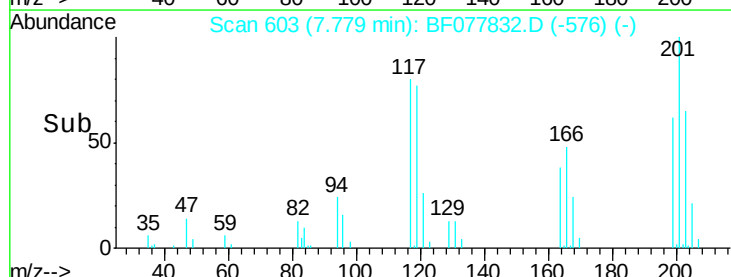
201 124.4 69.8 104.6#

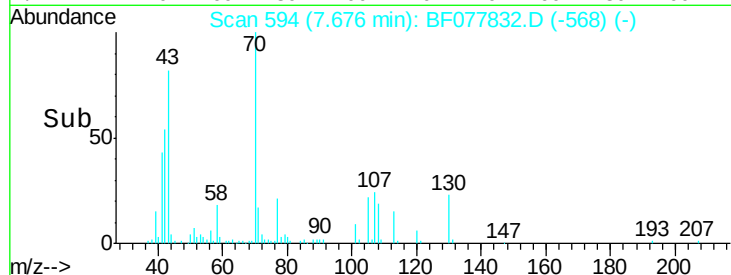
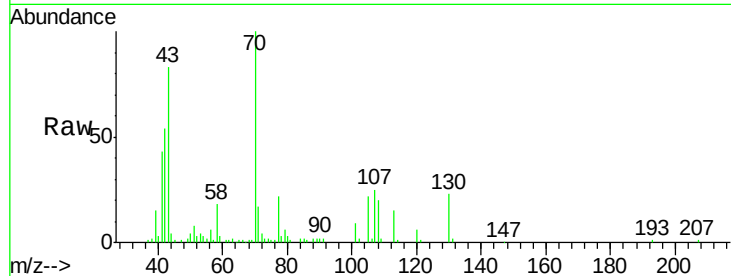
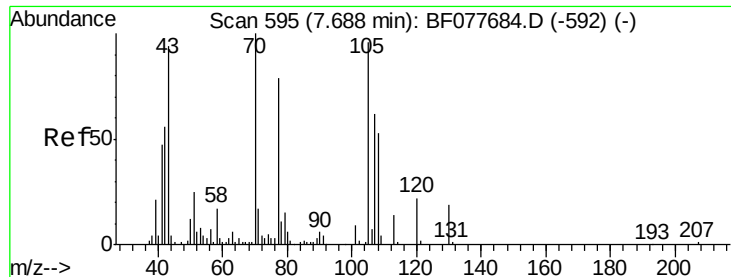


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

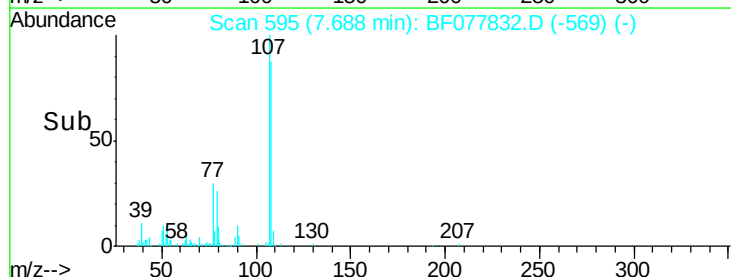
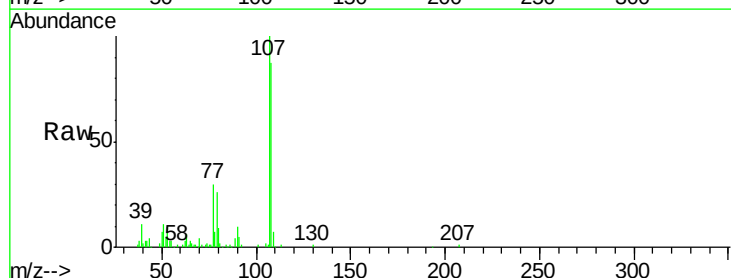
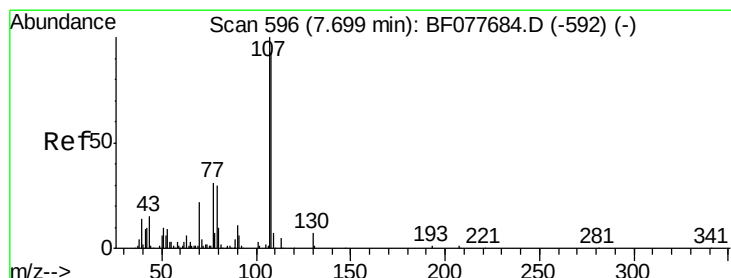
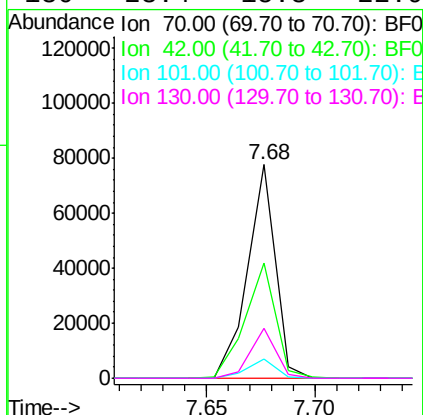




#19
n-Nitroso-di-n-propylamine
Concen: 34.29 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

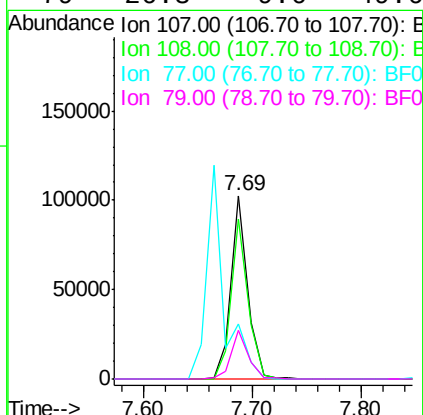
Instrument :
BNA_F
ClientSampleId :
PB82191BS

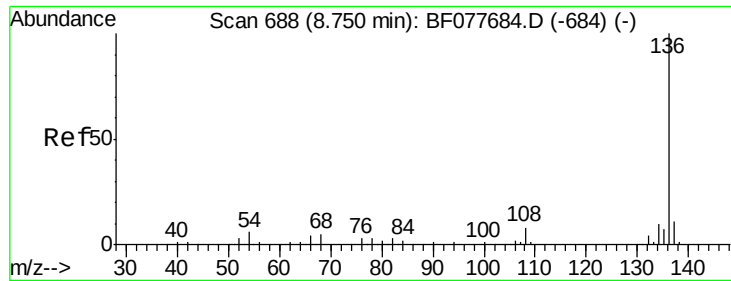
Tot Ion:	70	Resp:	69017
Ion	Ratio	Lower	Upper
70	100		
42	53.9	44.5	66.7
101	9.2	7.4	11.2
130	23.4	15.3	22.9#



#20
3+4-Methylphenols
Concen: 36.36 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:	107	Resp:	108872
Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.2	113.2
77	30.0	10.7	50.7
79	26.3	9.6	49.6

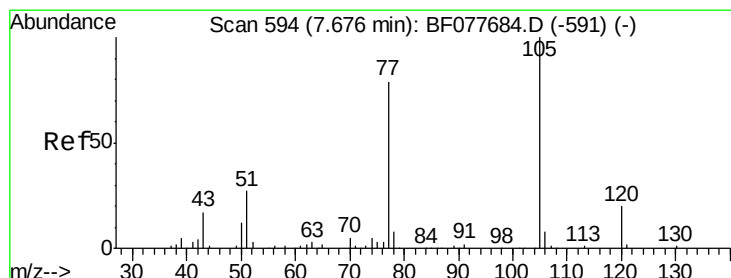
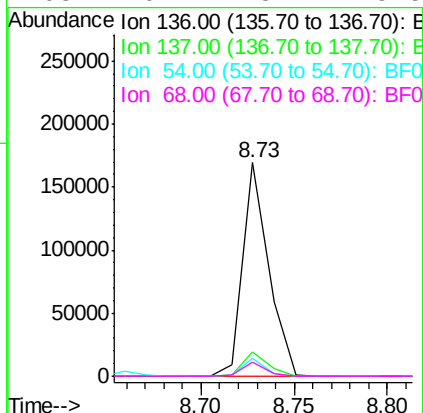
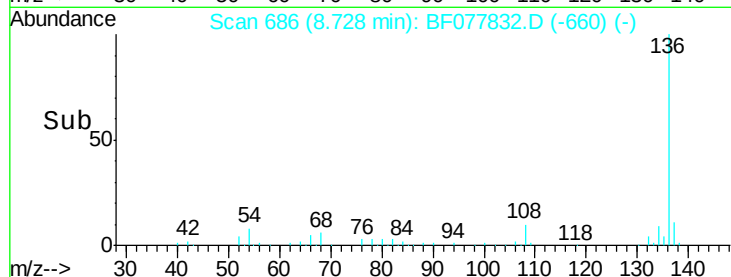
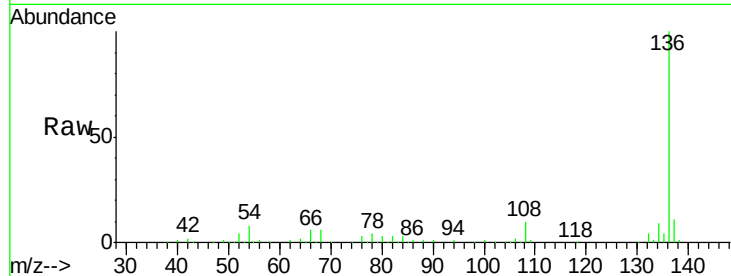




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

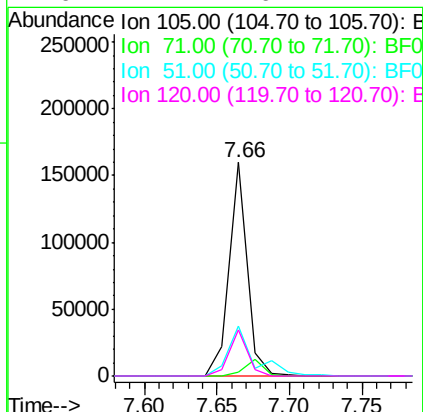
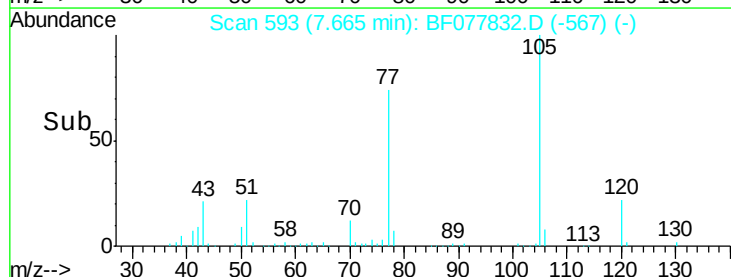
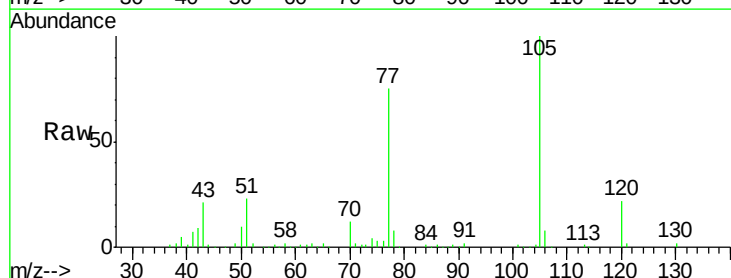
Instrument :
BNA_F
ClientSampleId :
PB82191BS

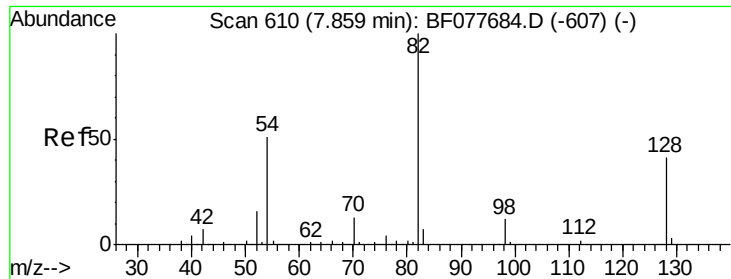
Tot Ion:136	Resp:	162724
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.7 13.1
54	8.4	4.6 6.8#
68	6.4	3.7 5.5#



#22
Acetophenone
Concen: 38.38 ng
RT: 7.66 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:105	Resp:	138258
Ion Ratio	Lower	Upper
105	100	
71	2.1	0.6 1.0#
51	23.2	21.6 32.4
120	21.7	16.1 24.1

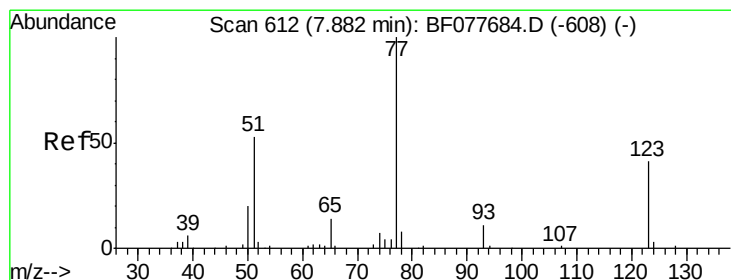
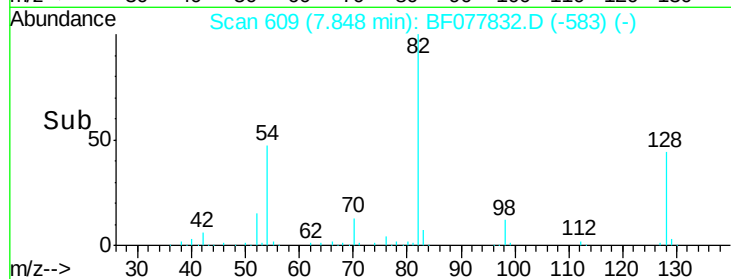
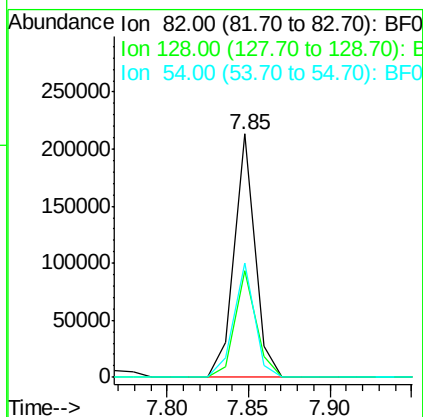
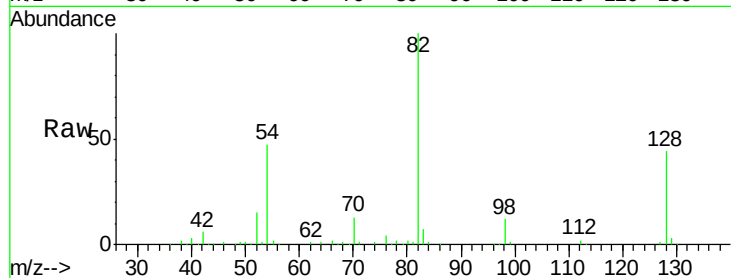




#23
Nitrobenzene-d5
Concen: 75.25 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

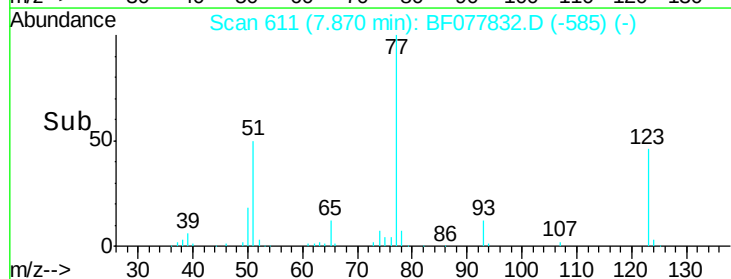
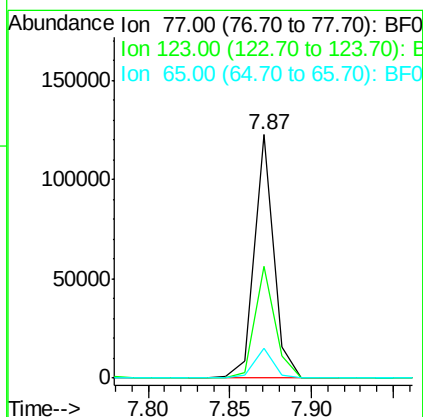
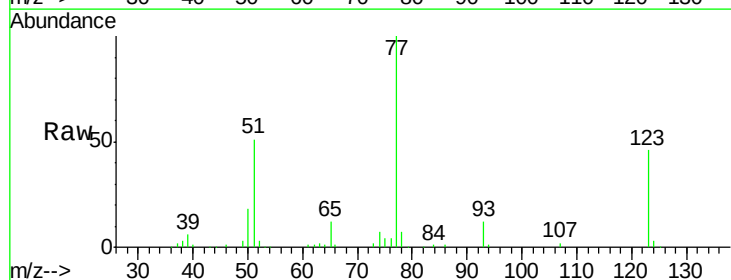
Instrument :
BNA_F
ClientSampleId :
PB82191BS

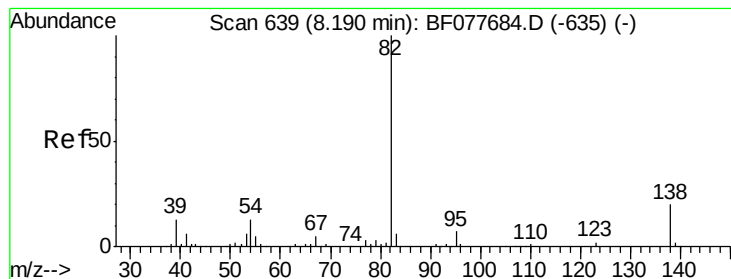
Tot Ion: 82 Resp: 186806
Ion Ratio Lower Upper
82 100
128 43.9 32.8 49.2
54 47.0 40.6 60.8



#24
Nitrobenzene
Concen: 38.01 ng
RT: 7.87 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion: 77 Resp: 101656
Ion Ratio Lower Upper
77 100
123 45.8 32.6 49.0
65 12.5 10.9 16.3





#25

Isophorone

Concen: 35.51 ng

RT: 8.17 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

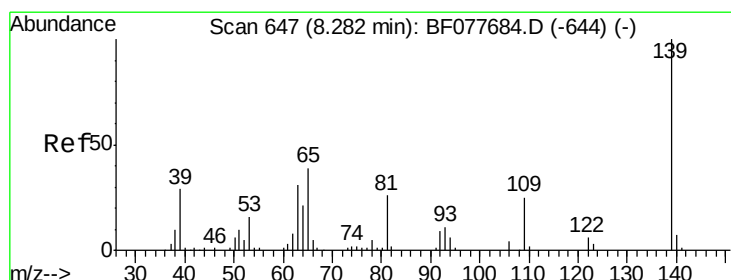
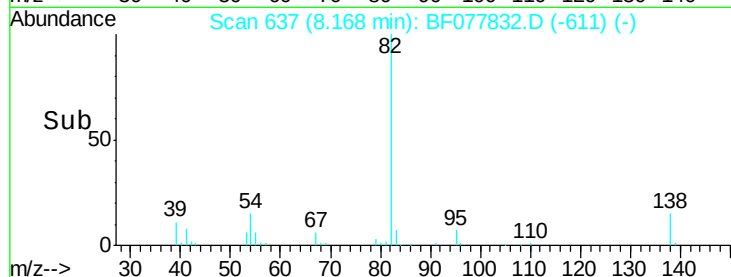
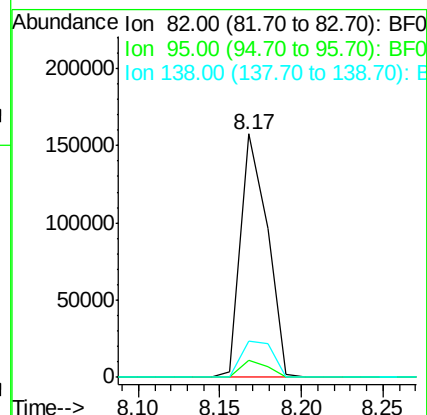
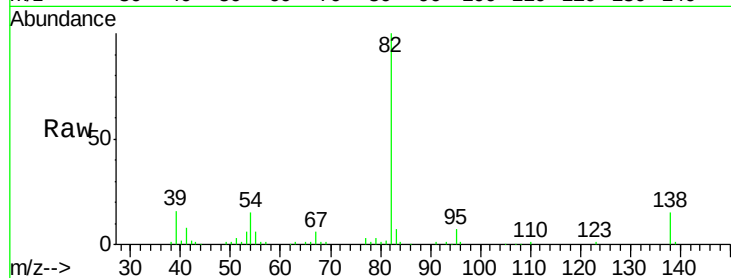
Tot Ion: 82 Resp: 178015

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 14.8 16.3 24.5#



#26

2-Nitrophenol

Concen: 35.16 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

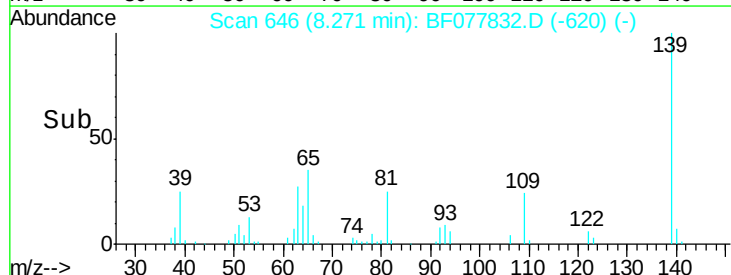
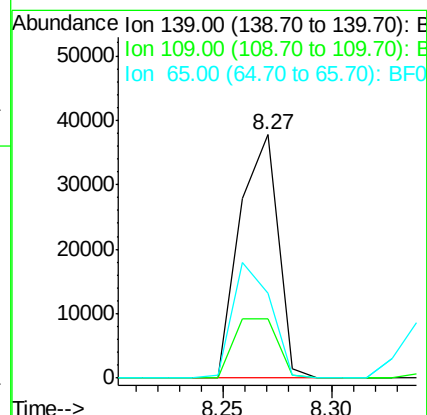
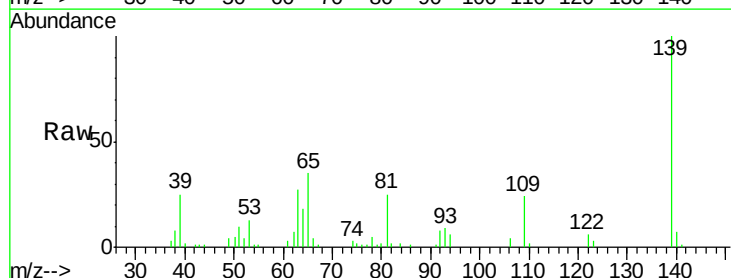
Tgt Ion: 139 Resp: 46037

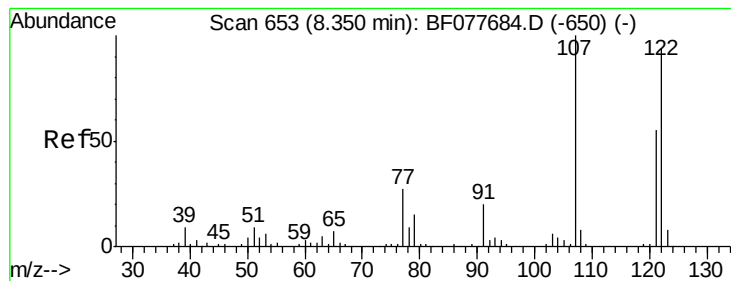
Ion Ratio Lower Upper

139 100

109 24.4 20.1 30.1

65 34.7 31.5 47.3

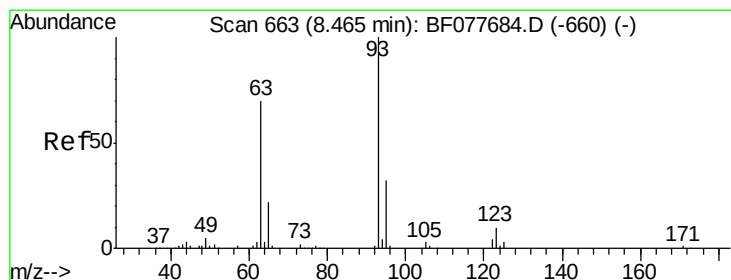
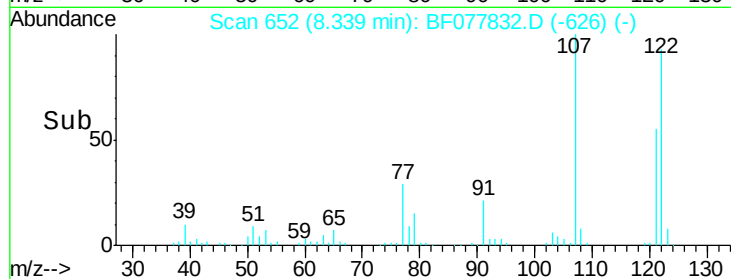
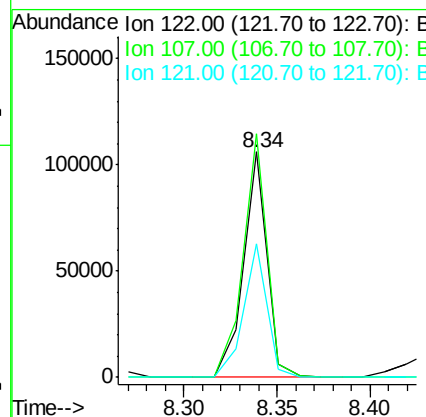
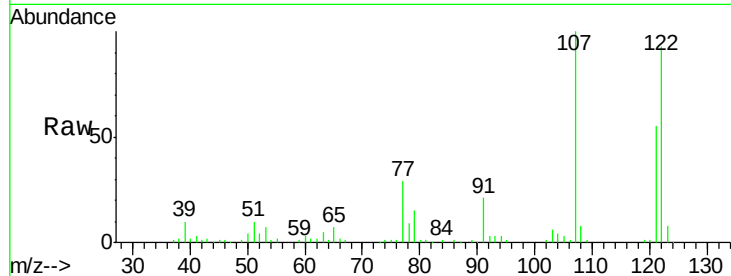




#27
 2,4-Dimethylphenol
 Concen: 39.12 ng
 RT: 8.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

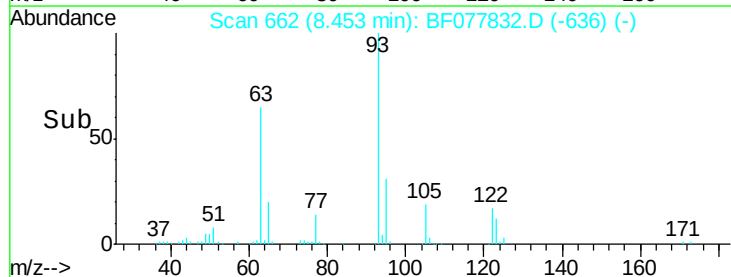
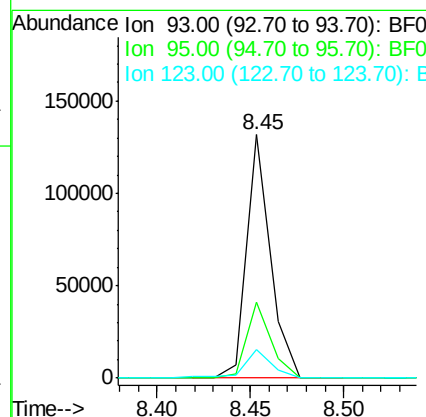
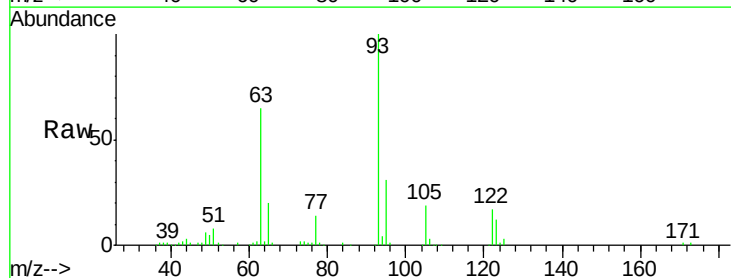
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

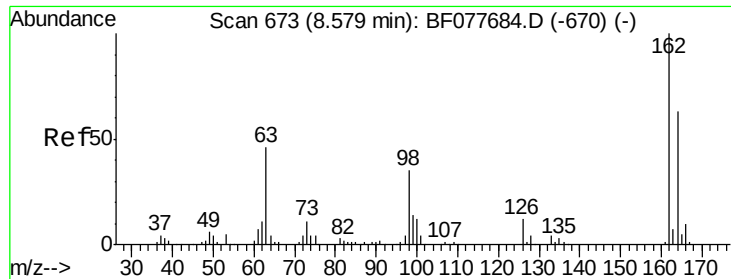
Tot Ion:122 Resp: 93324
 Ion Ratio Lower Upper
 122 100
 107 108.0 84.7 127.1
 121 59.4 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.30 ng
 RT: 8.45 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion: 93 Resp: 116557
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.5 38.3
 123 11.5 8.6 13.0

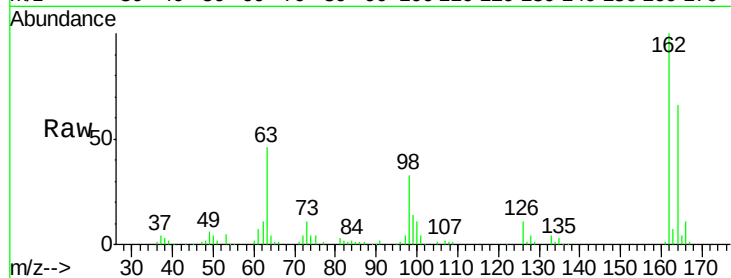




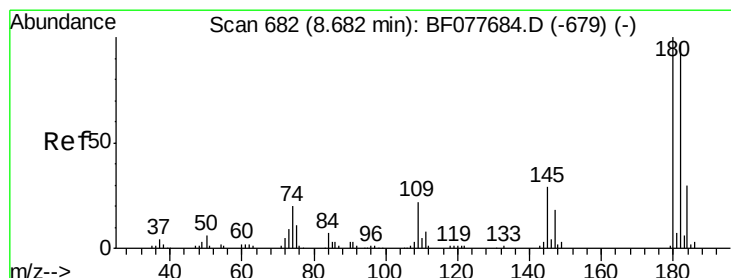
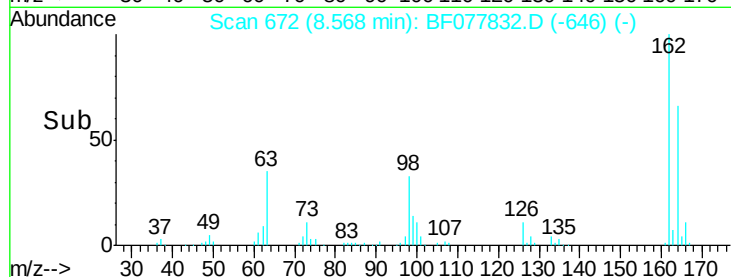
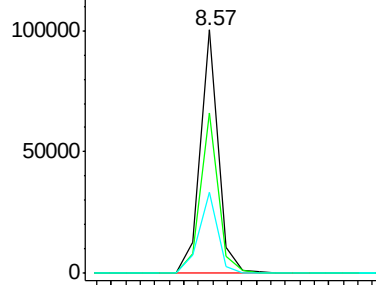
#29
 2,4-Dichlorophenol
 Concen: 38.02 ng
 RT: 8.57 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	42.8	82.8
98	33.4	14.5	54.5

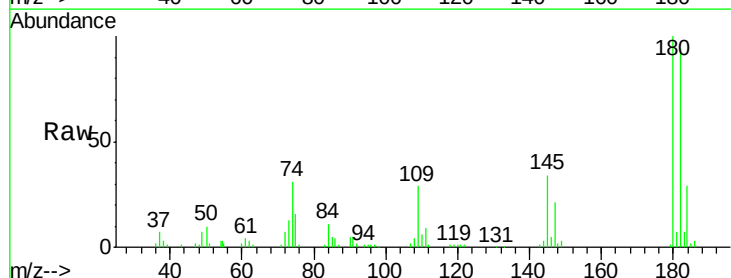


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

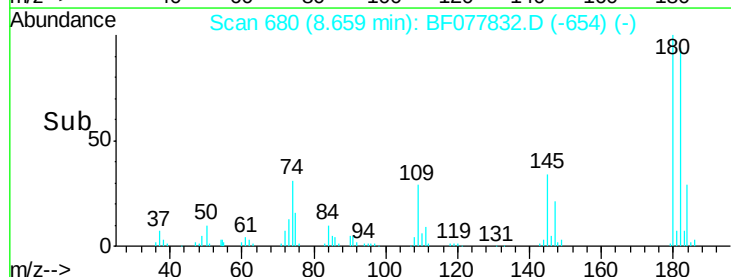
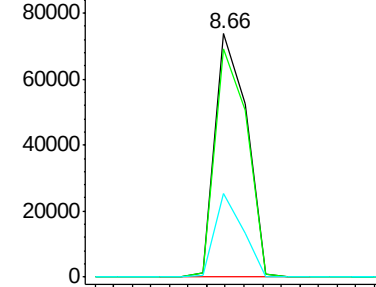


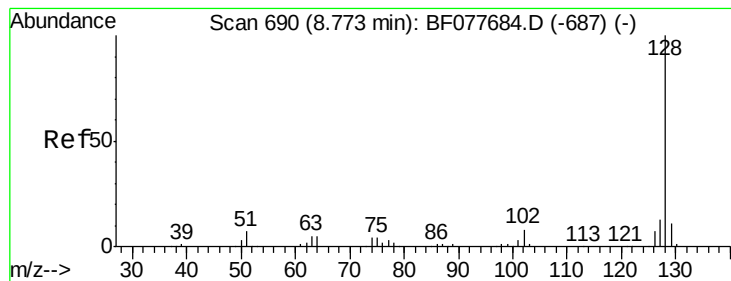
#30
 1,2,4-Trichlorobenzene
 Concen: 34.59 ng
 RT: 8.66 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.6	116.4
145	34.4	23.4	35.2



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

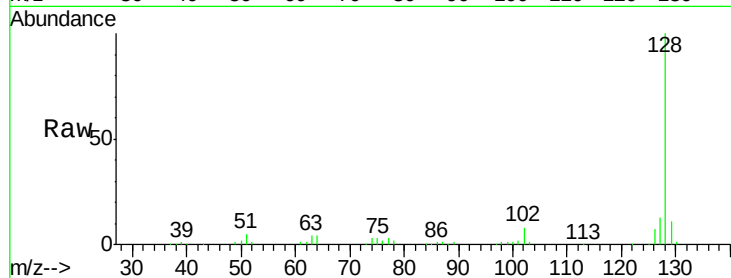




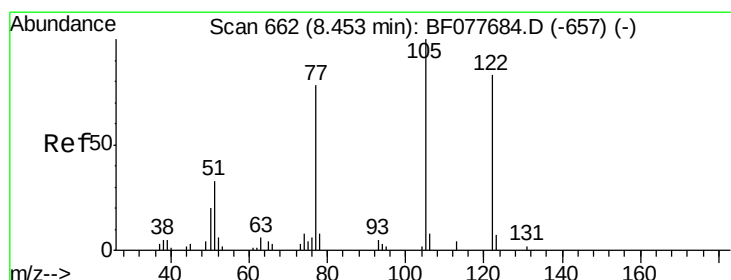
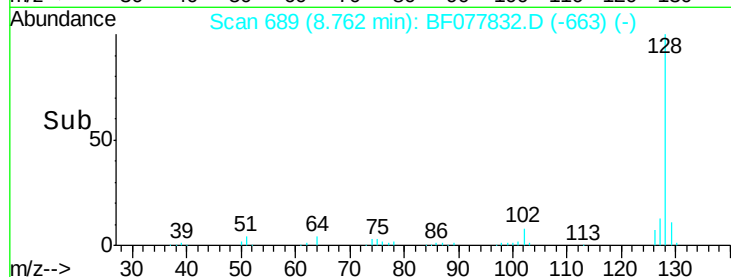
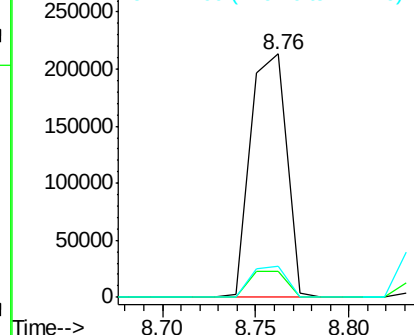
#31
Naphthalene
Concen: 34.17 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB82191BS

Tot Ion:128 Resp: 285597
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.6 10.4 15.6

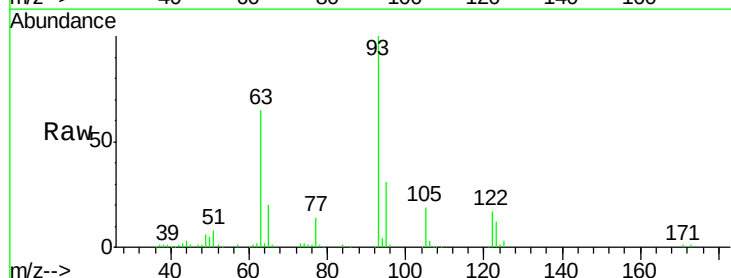


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

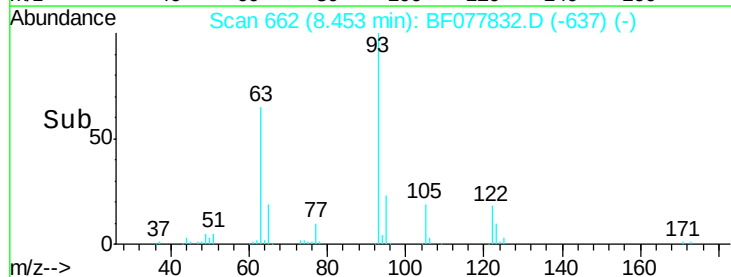
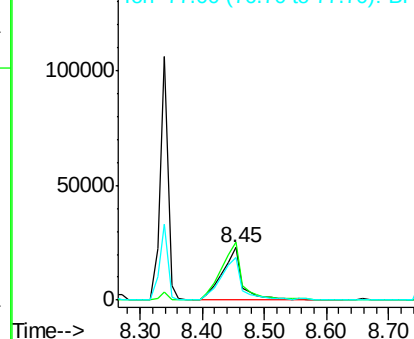


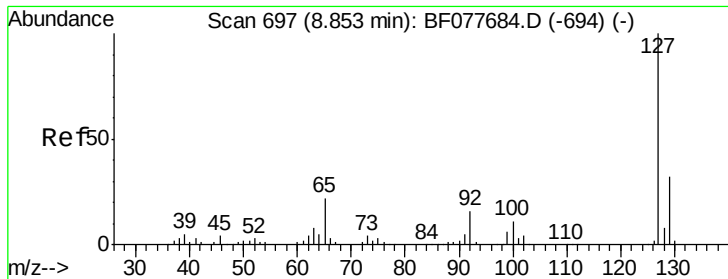
#32
Benzoic acid
Concen: 39.66 ng
RT: 8.45 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:122 Resp: 52003
Ion Ratio Lower Upper
122 100
105 110.7 99.9 139.9
77 81.0 73.7 113.7



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

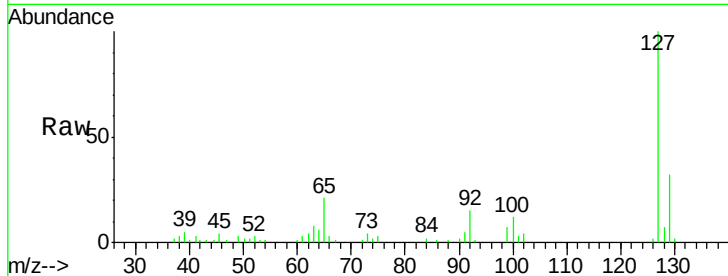




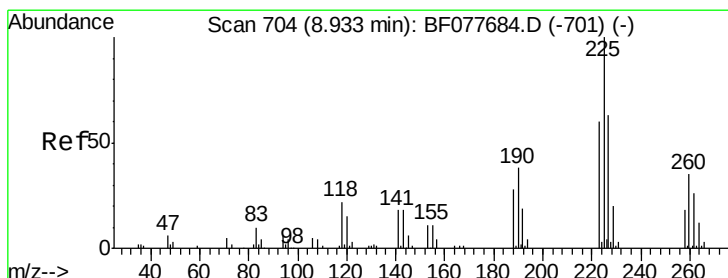
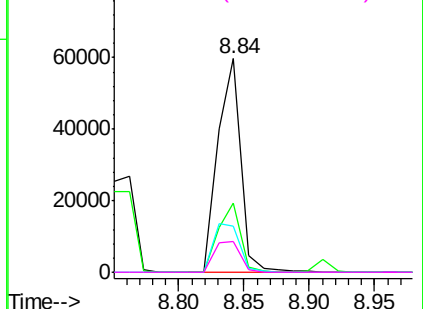
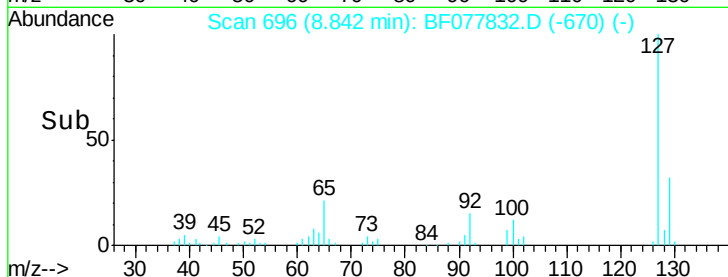
#33
4-Chloroaniline
Concen: 21.65 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB82191BS

Tot Ion:	127	Resp:	73421
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	21.4	17.6	26.4
92	14.6	13.1	19.7

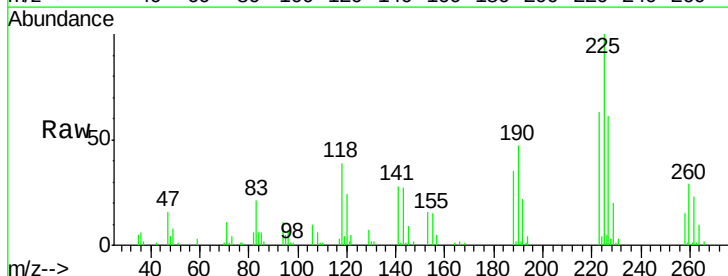


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

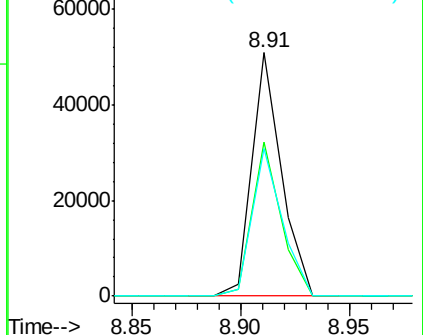
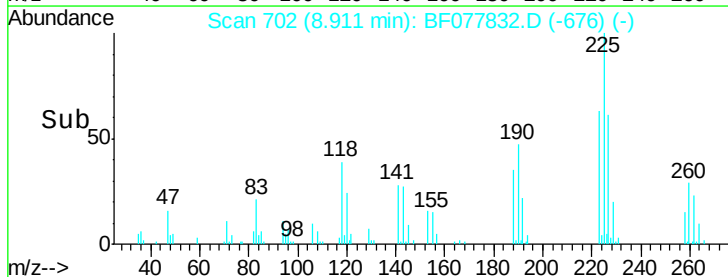


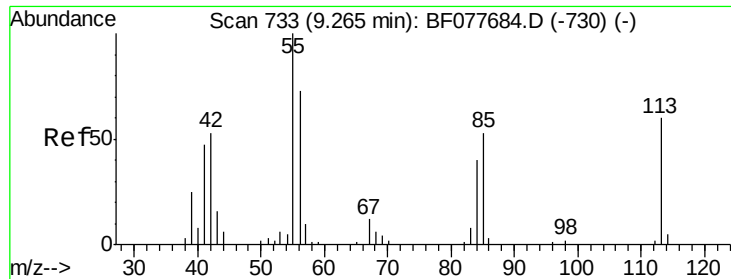
#34
Hexachlorobutadiene
Concen: 33.22 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:	225	Resp:	47896
Ion	Ratio	Lower	Upper
225	100		
223	63.3	47.9	71.9
227	60.7	50.1	75.1



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

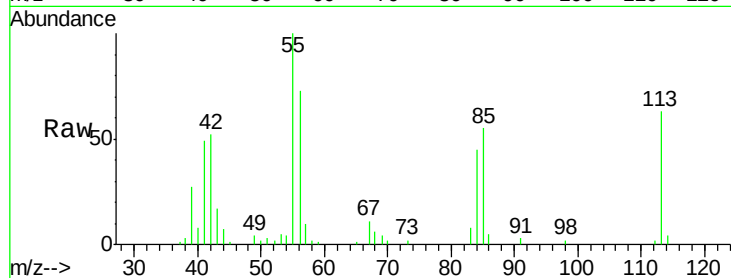




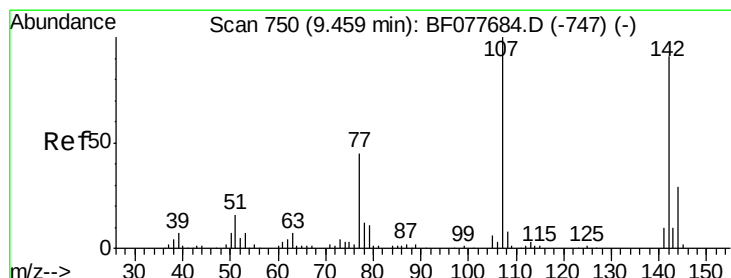
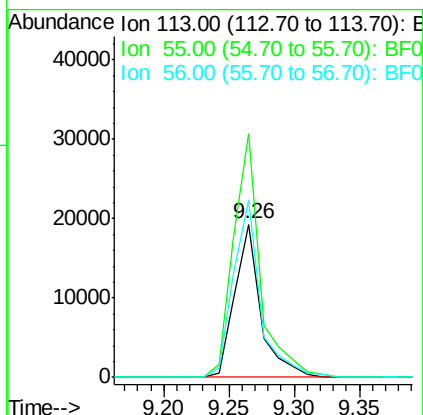
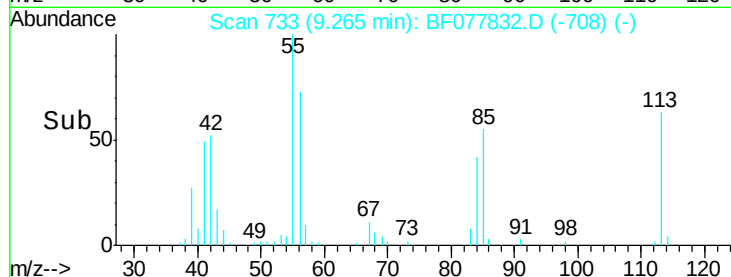
#35
 Caprolactam
 Concen: 40.06 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

Tot Ion:113 Resp: 26619
 Ion Ratio Lower Upper
 113 100
 55 159.3 145.9 185.9
 56 116.2 101.0 141.0

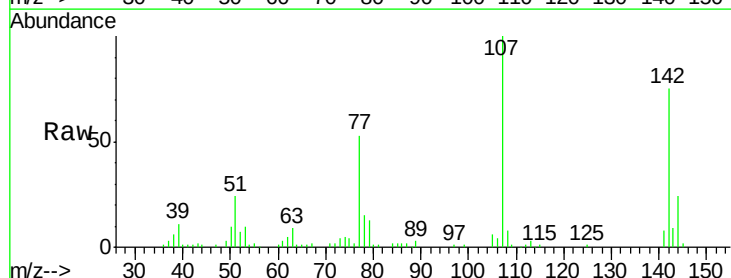


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

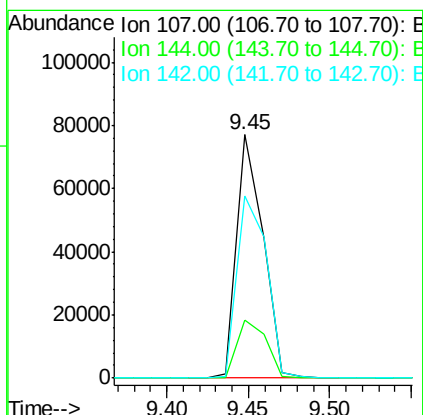
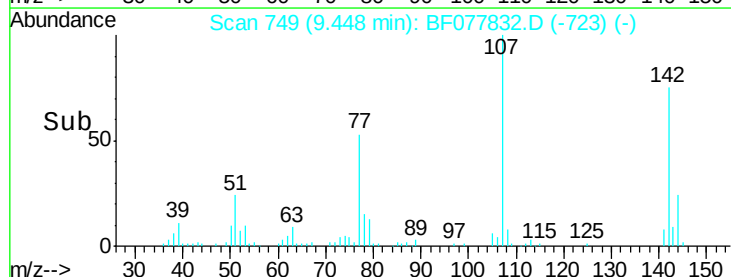


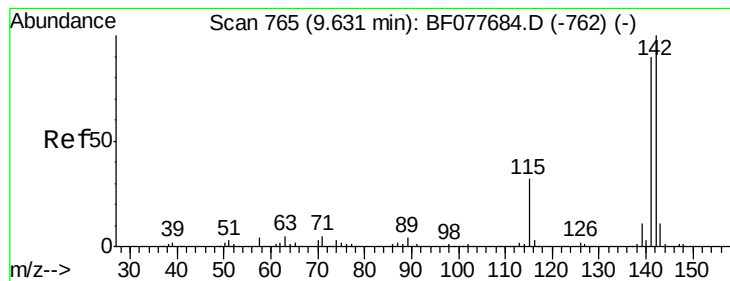
#36
 4-Chloro-3-methylphenol
 Concen: 37.55 ng
 RT: 9.45 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion:107 Resp: 85896
 Ion Ratio Lower Upper
 107 100
 144 23.9 23.3 34.9
 142 74.6 72.6 109.0



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: 36.02 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleID :

PB82191BS

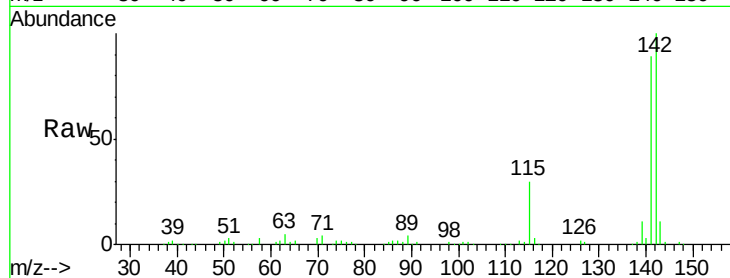
Tot Ion:142 Resp: 202233

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9

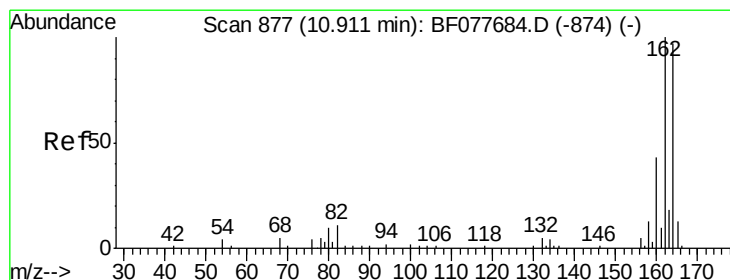
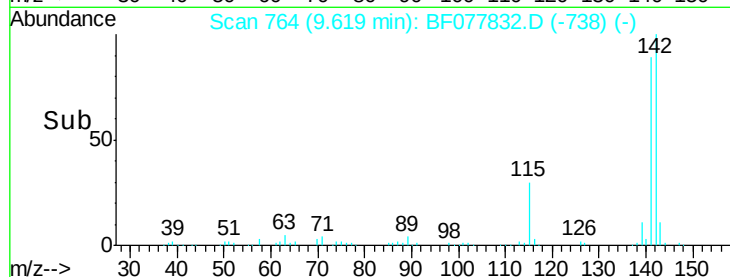
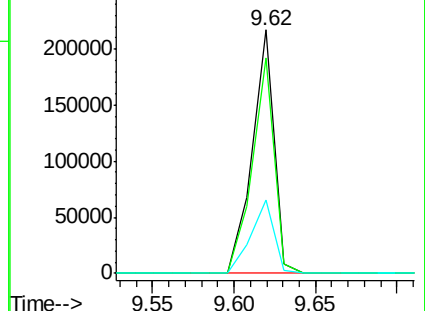
115 29.9 25.4 38.0



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: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

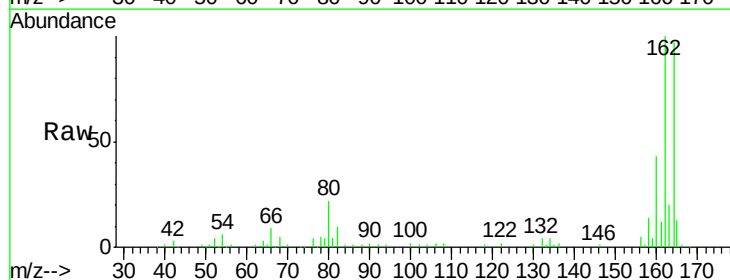
Tgt Ion:164 Resp: 81842

Ion Ratio Lower Upper

164 100

162 103.1 82.4 123.6

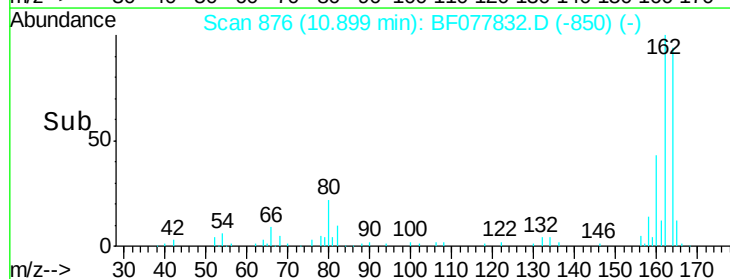
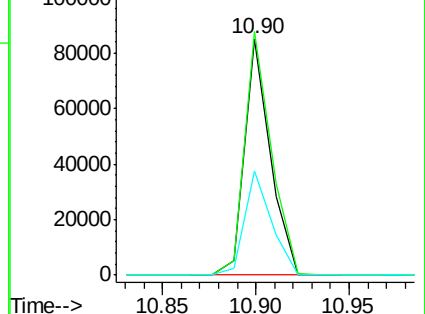
160 44.0 35.8 53.6

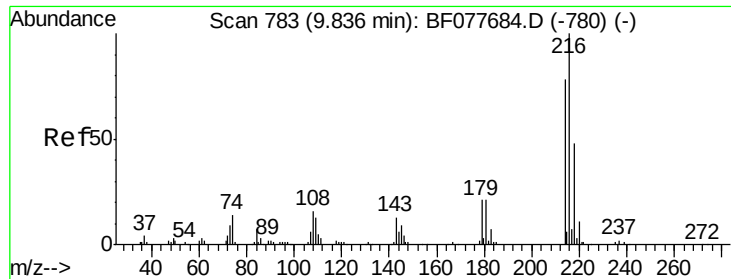


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.50 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

Tot Ion:216 Resp: 86645

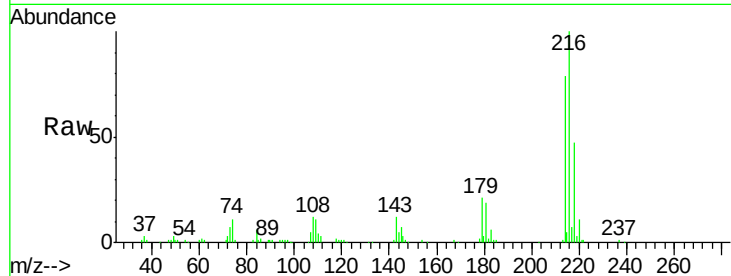
Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

179 22.1 0.0 0.0#

108 19.3 0.0 0.0#

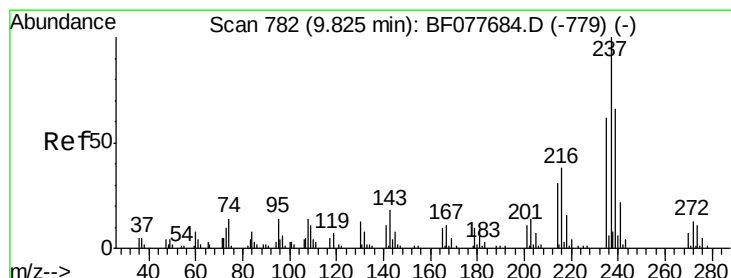
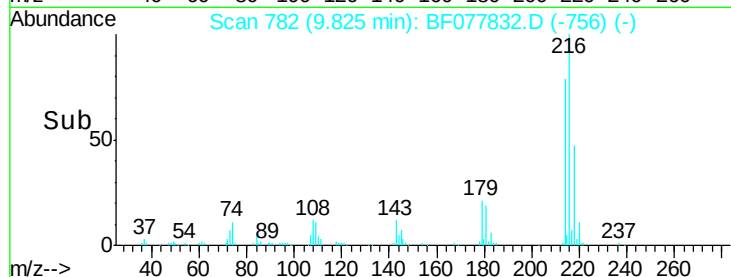
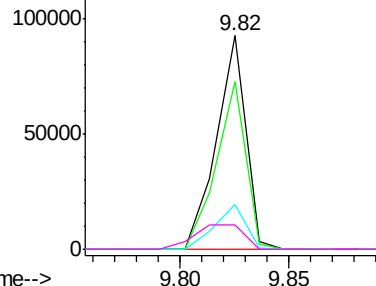


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.64 ng

RT: 9.81 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

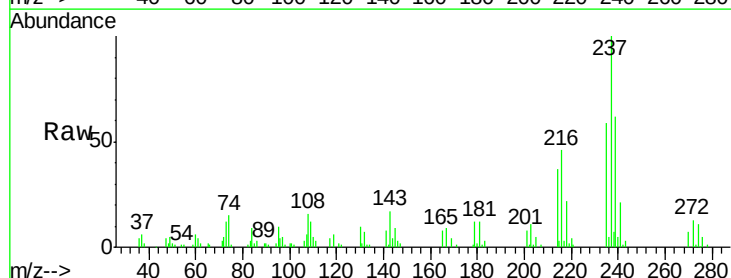
Tgt Ion:237 Resp: 85856

Ion Ratio Lower Upper

237 100

235 59.2 42.0 82.0

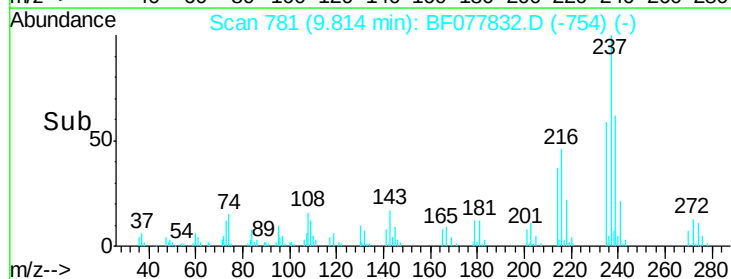
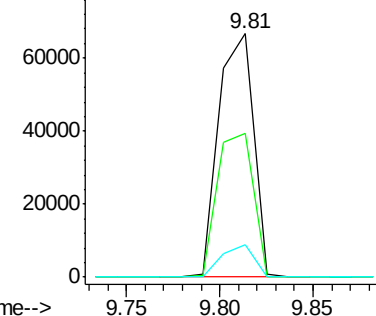
272 13.4 0.0 33.4

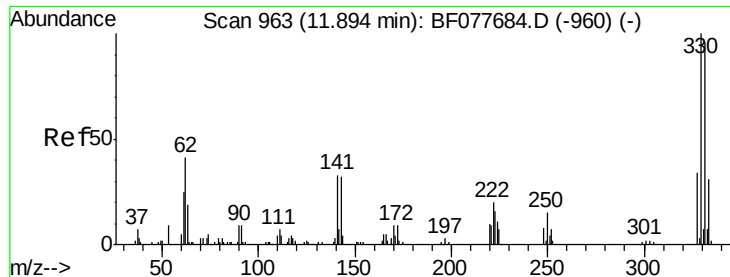


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

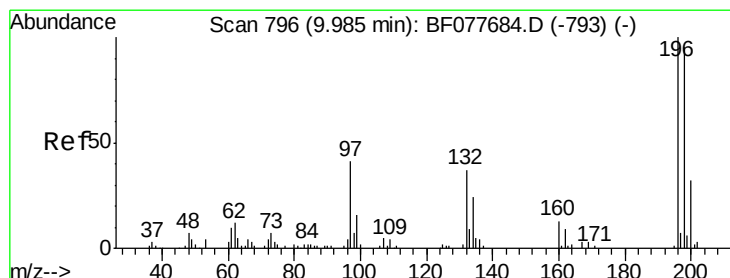
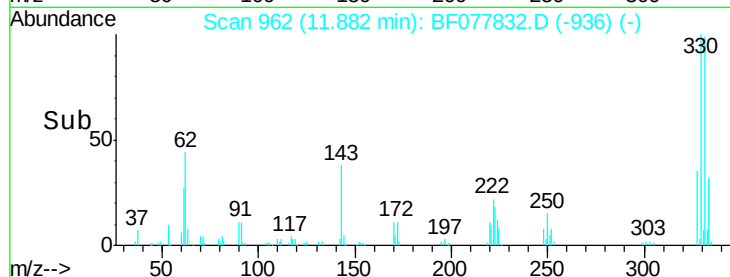
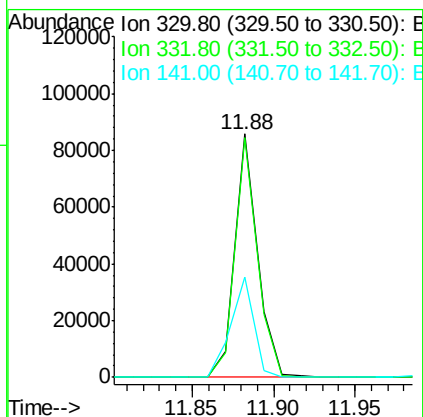
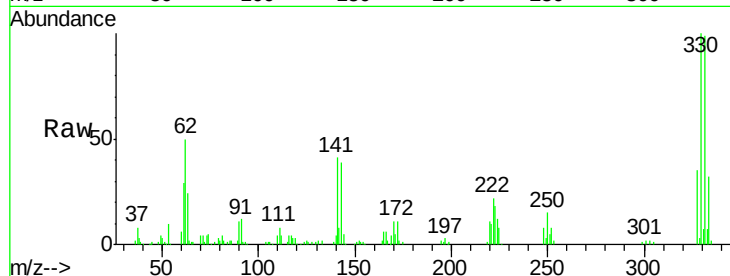




#41
 2,4,6-Tribromophenol
 Concen: 104.50 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

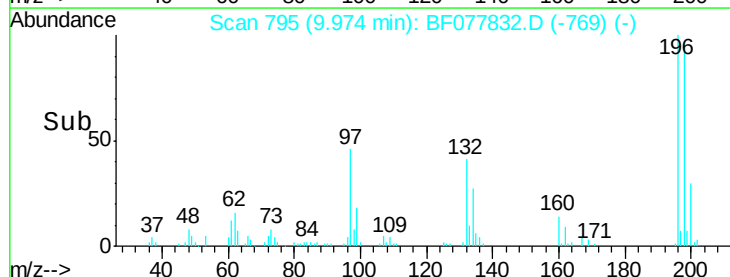
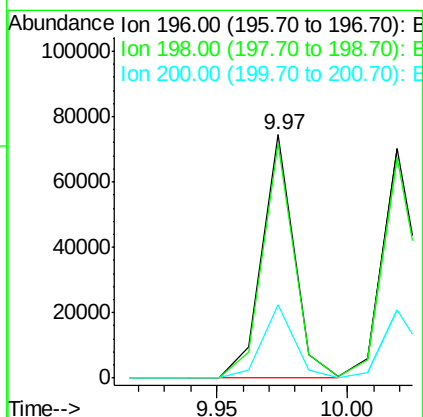
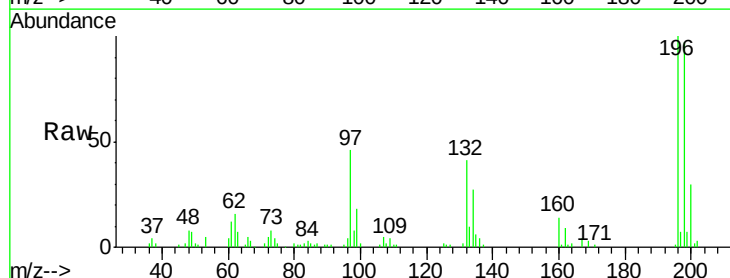
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

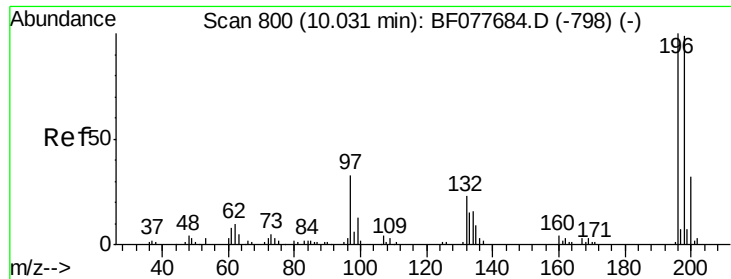
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	41.8	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 37.21 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.3	114.5
200	30.4	25.6	38.4

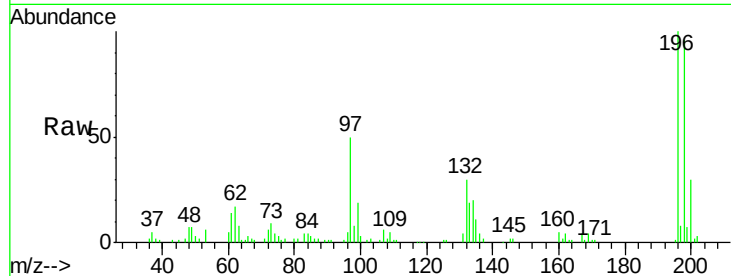




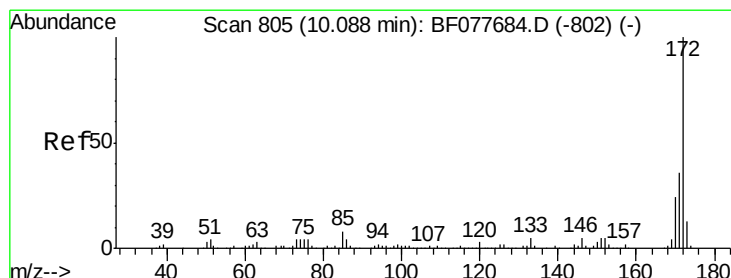
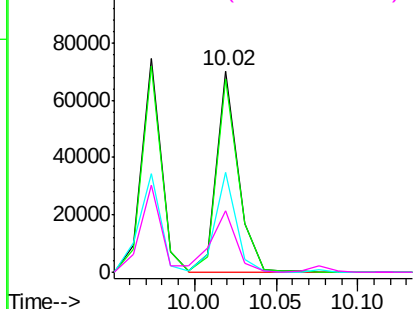
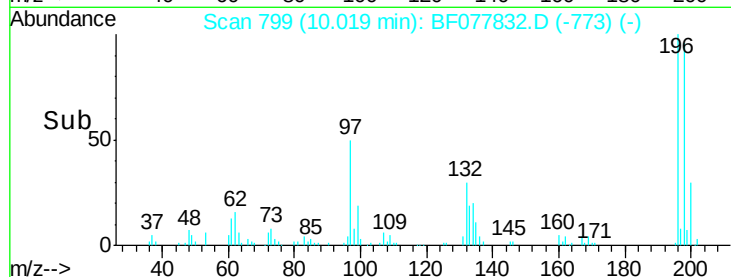
#43
 2,4,5-Trichlorophenol
 Concen: 35.81 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

Tot Ion:196 Resp: 65410
 Ion Ratio Lower Upper
 196 100
 198 95.9 79.4 119.0
 97 49.6 26.8 40.2#
 132 30.2 18.6 28.0#

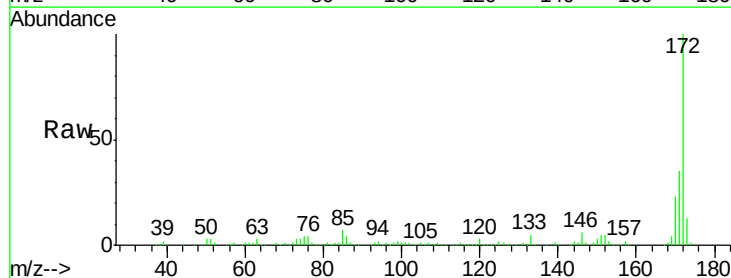


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

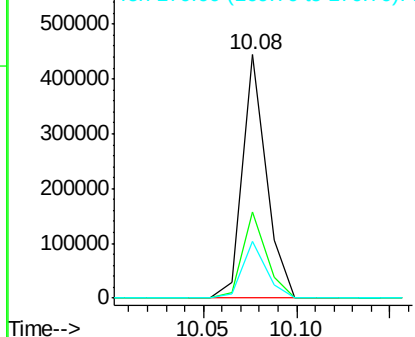
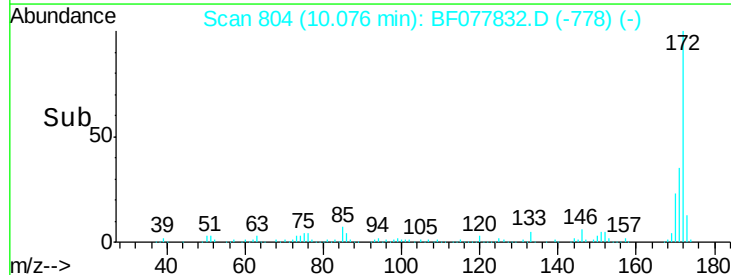


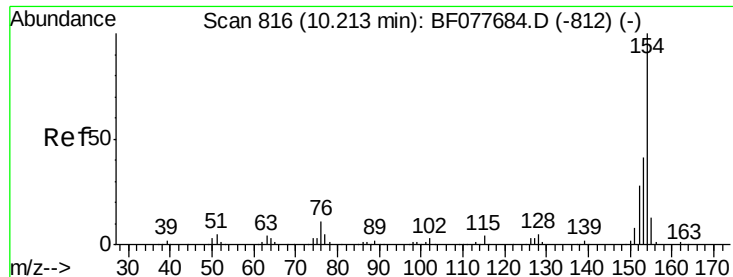
#44
 2-Fluorobiphenyl
 Concen: 71.48 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion:172 Resp: 398054
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.2 18.8 28.2



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

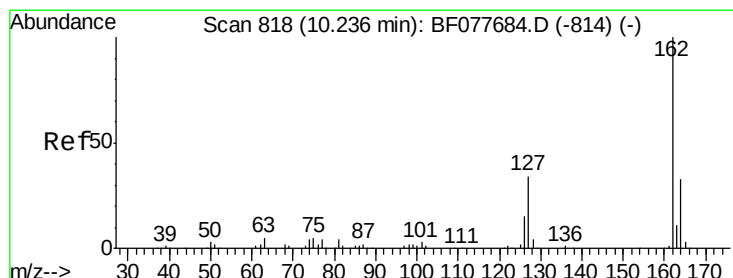
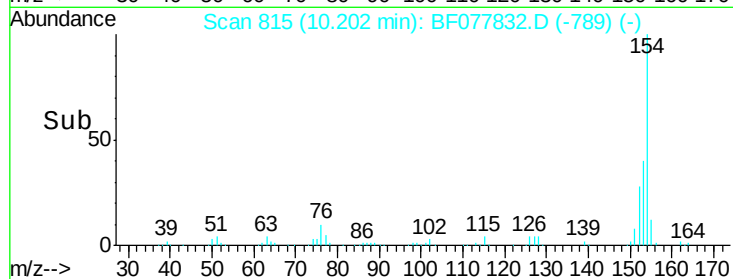
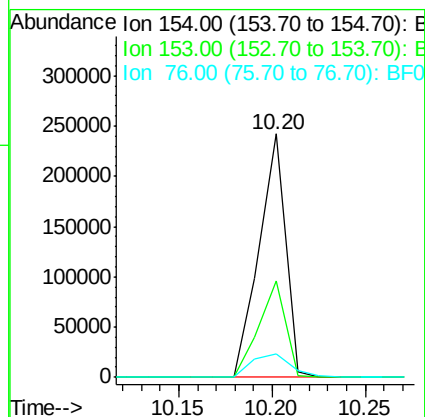
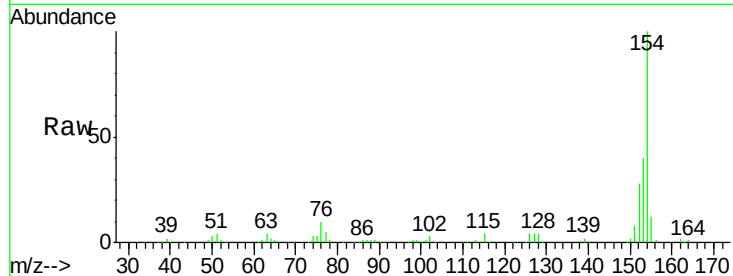




#45
1,1'-Biphenyl
Concen: 36.47 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

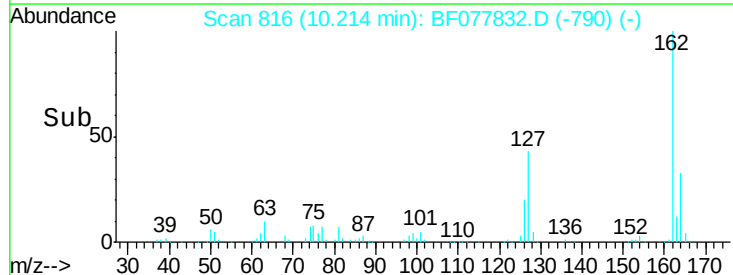
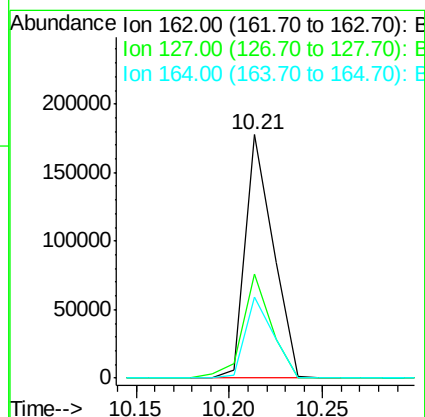
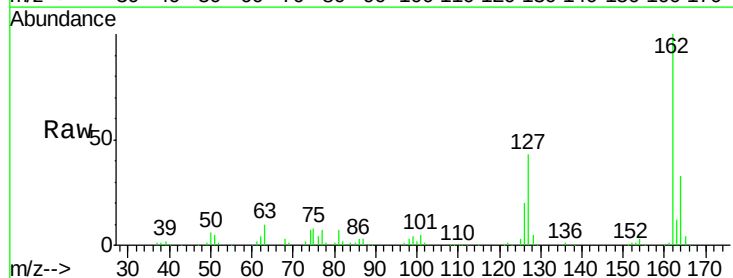
Instrument :
BNA_F
ClientSampleId :
PB82191BS

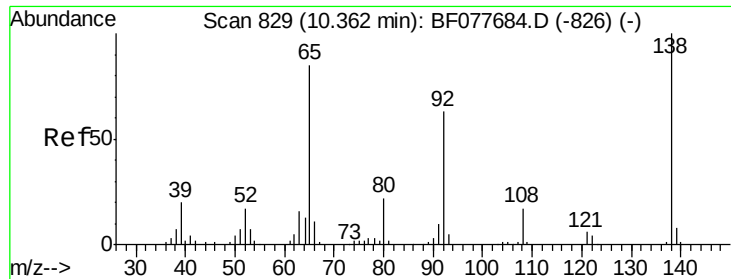
Tot Ion:154 Resp: 238589
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 9.8 0.0 30.9



#46
2-Chloronaphthalene
Concen: 34.65 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:162 Resp: 184227
Ion Ratio Lower Upper
162 100
127 42.5 26.9 40.3#
164 33.2 26.8 40.2

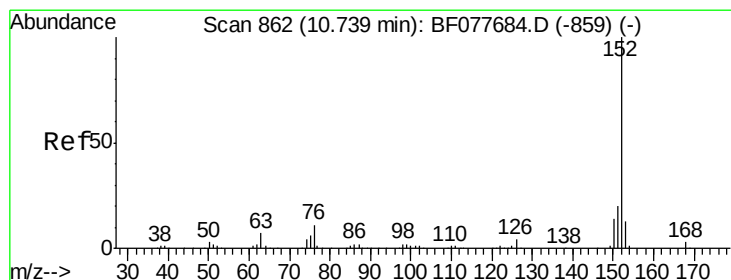
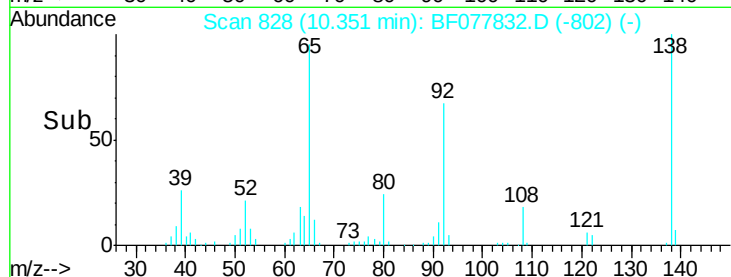
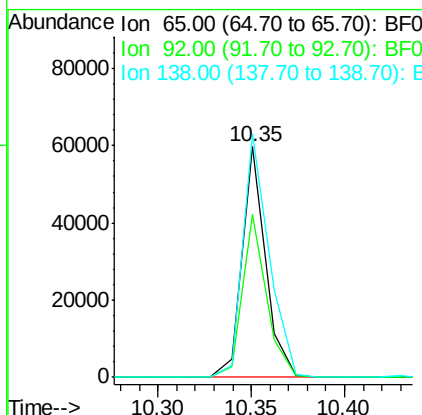
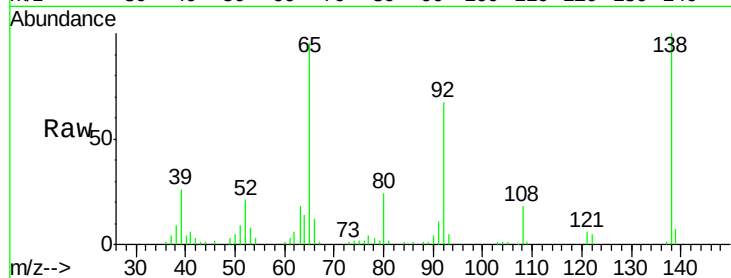




#47
 2-Nitroaniline
 Concen: 39.55 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

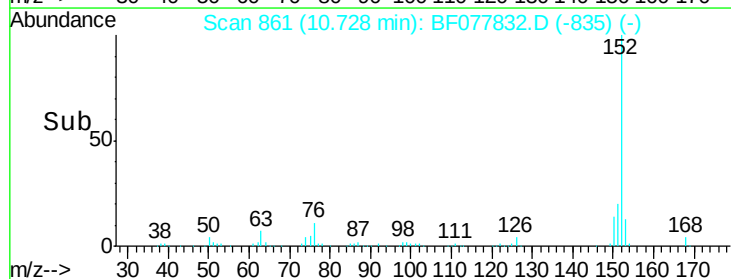
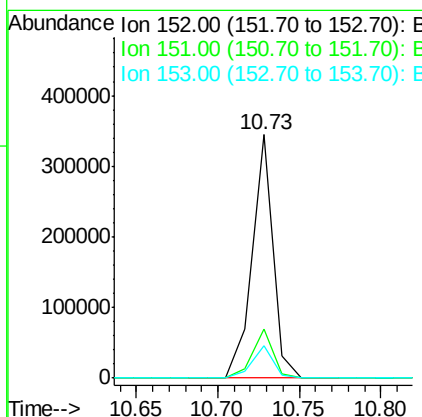
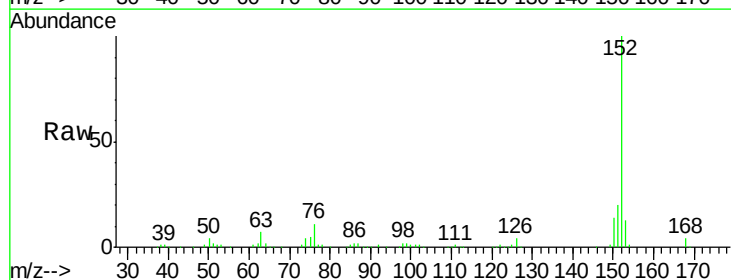
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

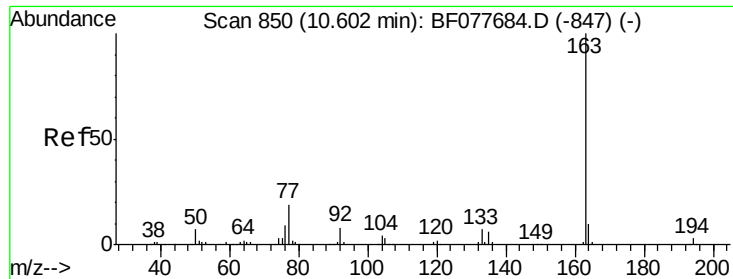
Tot Ion: 65 Resp: 52219
 Ion Ratio Lower Upper
 65 100
 92 70.6 59.1 88.7
 138 105.6 93.9 140.9



#48
 Acenaphthylene
 Concen: 34.66 ng
 RT: 10.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion: 152 Resp: 306459
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.2 10.6 16.0

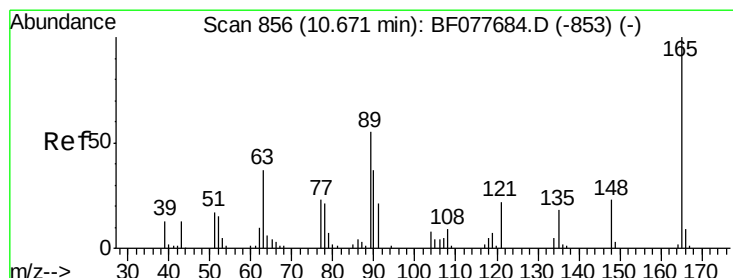
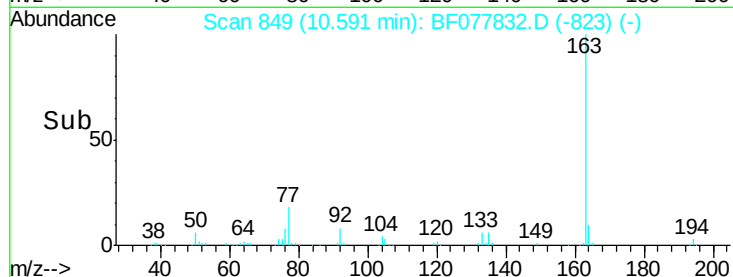
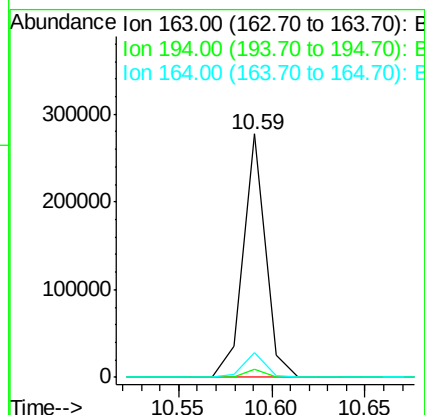
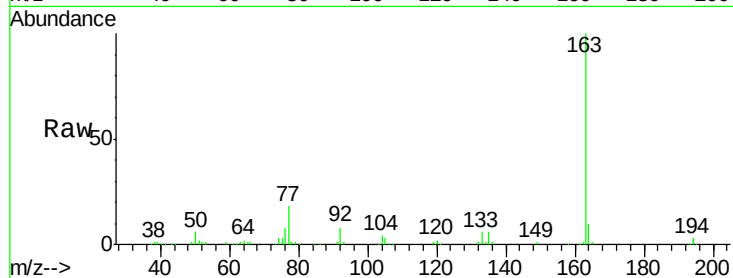




#49
Dimethylphthalate
Concen: 38.20 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

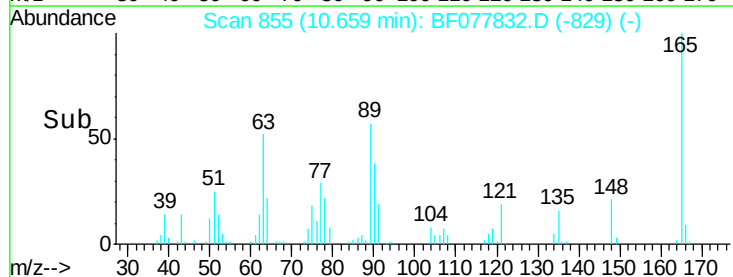
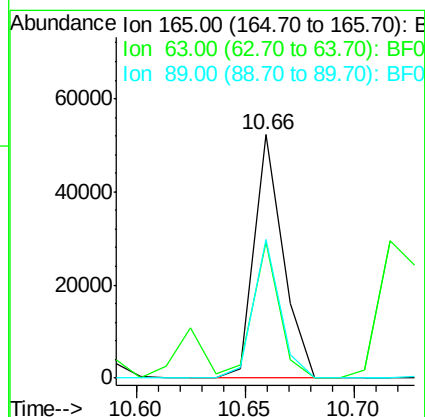
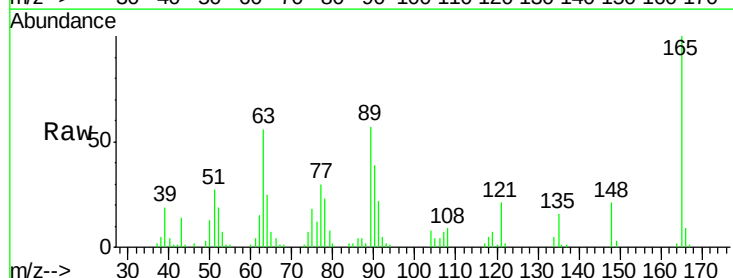
Instrument :
BNA_F
ClientSampleId :
PB82191BS

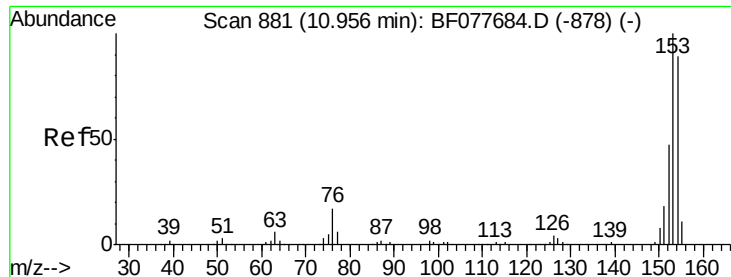
Tot Ion:163 Resp: 231873
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 38.24 ng
RT: 10.66 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:165 Resp: 48113
Ion Ratio Lower Upper
165 100
63 55.7 44.1 66.1
89 57.1 44.3 66.5





#51

Acenaphthene

Concen: 35.43 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

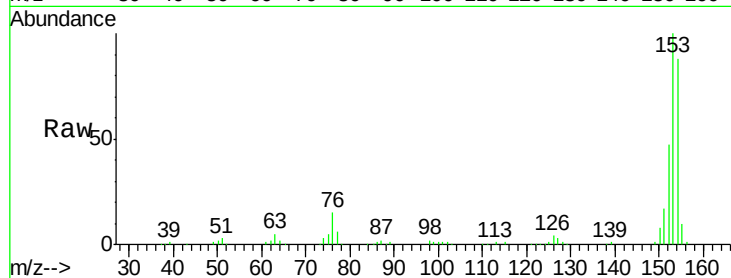
Tot Ion:154 Resp: 179625

Ion Ratio Lower Upper

154 100

153 113.3 90.0 135.0

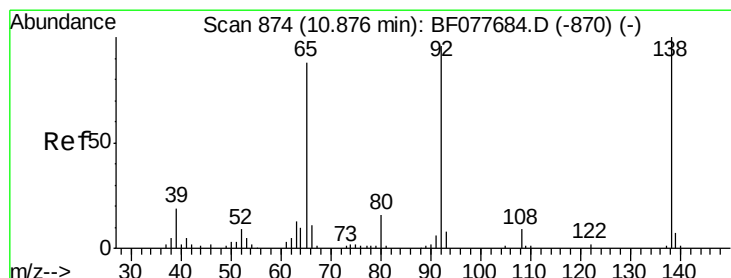
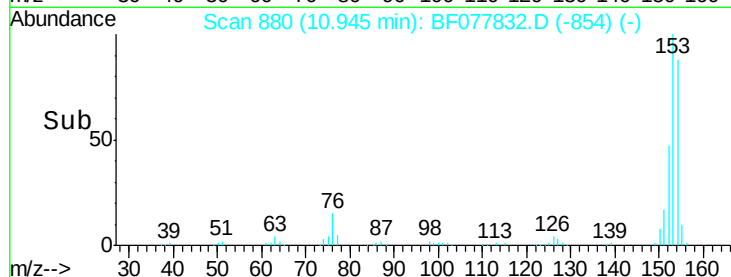
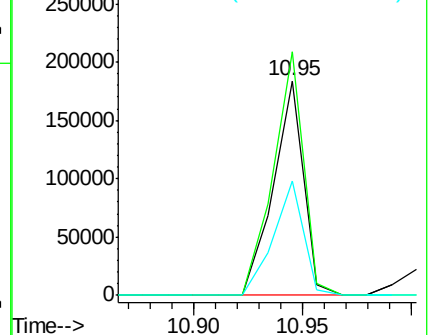
152 53.0 42.6 63.8



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: 27.94 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

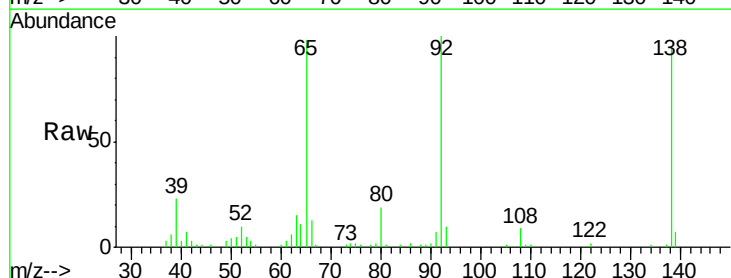
Tgt Ion:138 Resp: 40834

Ion Ratio Lower Upper

138 100

108 9.5 7.3 10.9

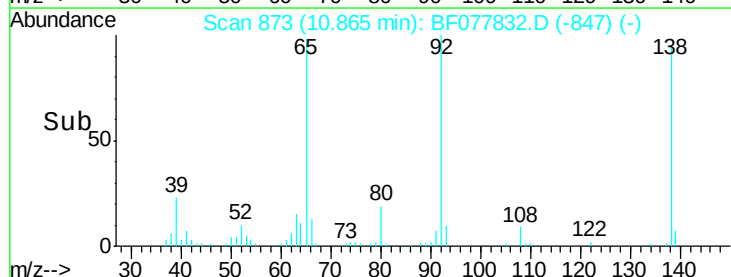
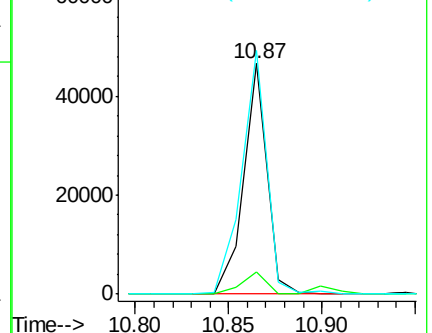
92 105.7 76.6 114.8

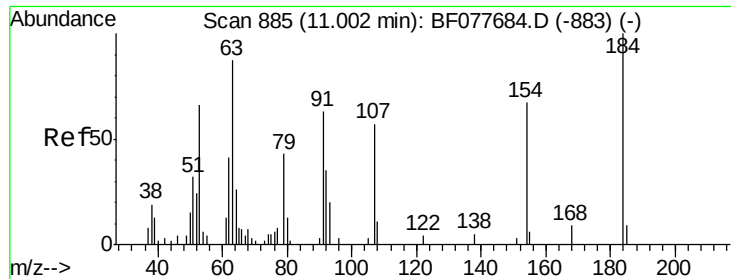


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

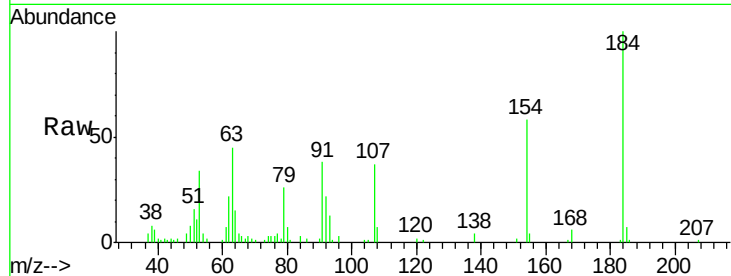




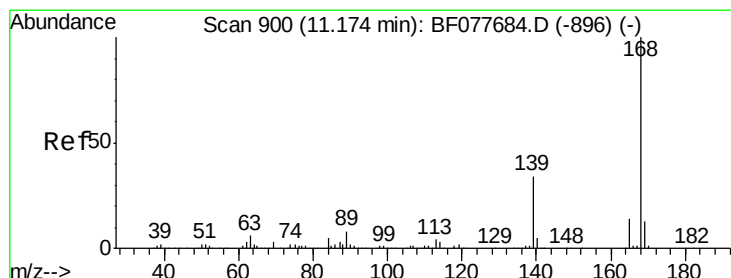
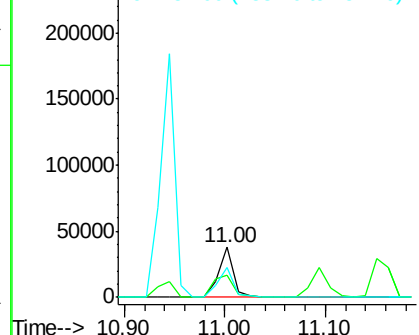
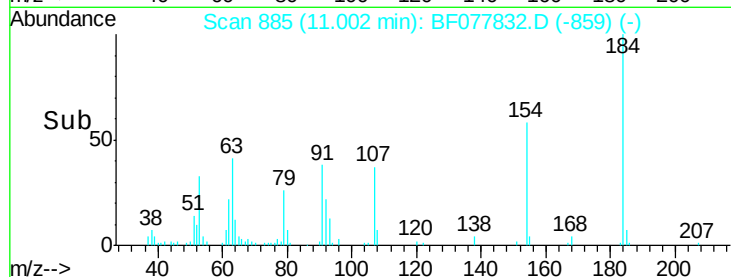
#53
2,4-Dinitrophenol
Concen: 85.05 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Instrument :
BNA_F
ClientSampleID :
PB82191BS

Tot Ion:184 Resp: 39576
Ion Ratio Lower Upper
184 100
63 45.4 69.2 103.8#
154 58.2 53.3 79.9

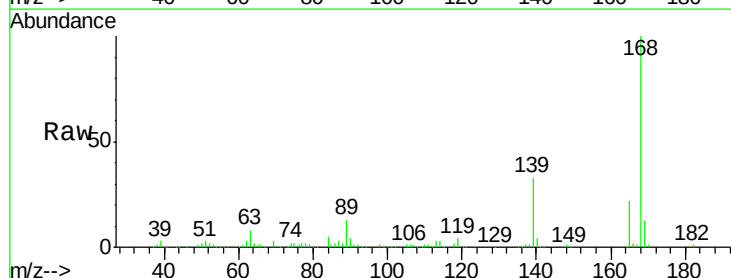


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

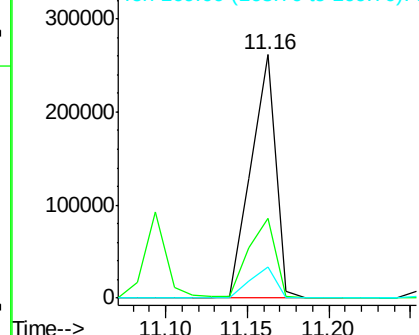
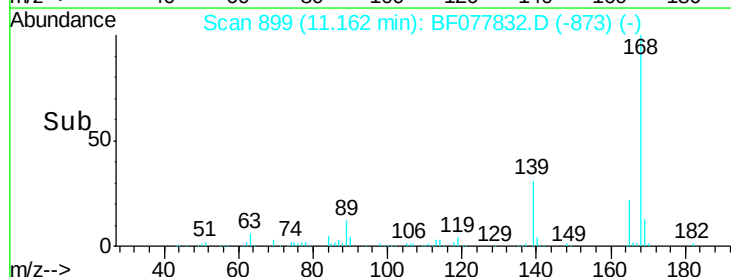


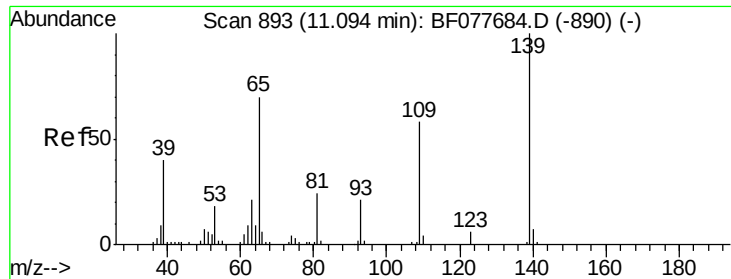
#54
Dibenzofuran
Concen: 36.46 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:168 Resp: 274115
Ion Ratio Lower Upper
168 100
139 32.7 27.3 40.9
169 12.9 10.6 16.0



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

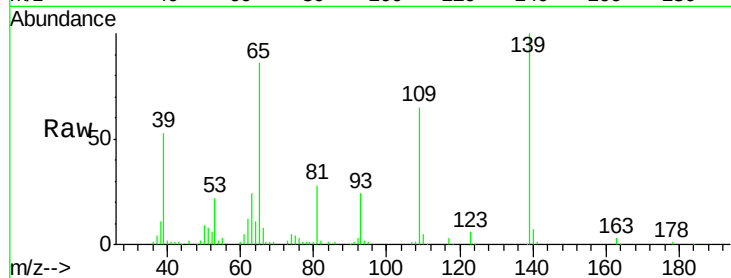




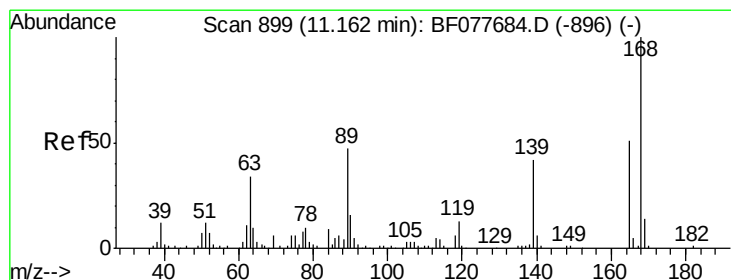
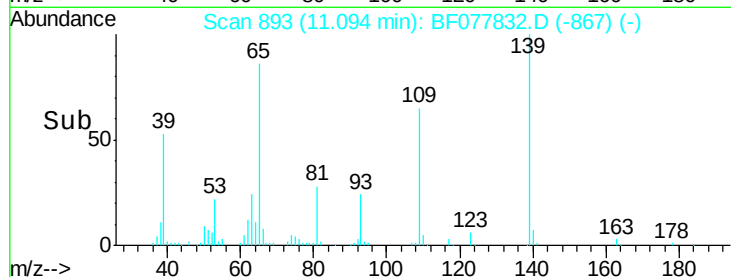
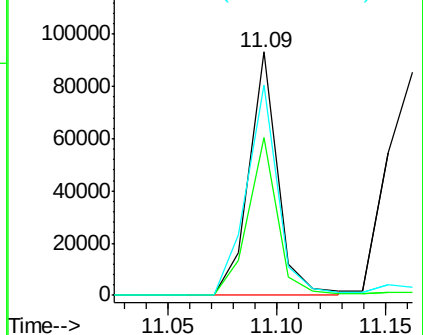
#55
4-Nitrophenol
Concen: 79.68 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB82191BS

Tot Ion:139 Resp: 86248
Ion Ratio Lower Upper
139 100
109 64.8 37.7 77.7
65 86.3 49.9 89.9

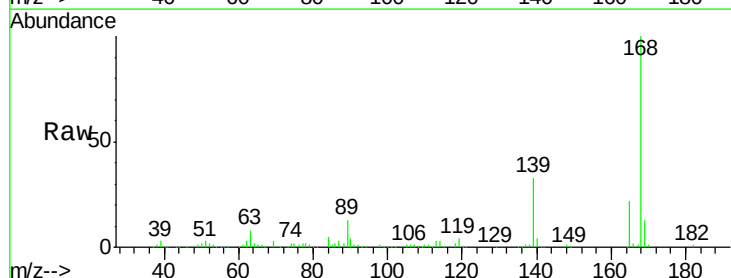


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

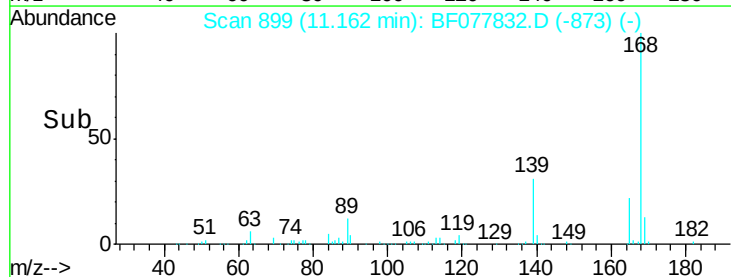
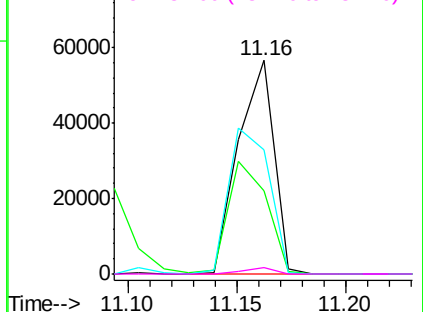


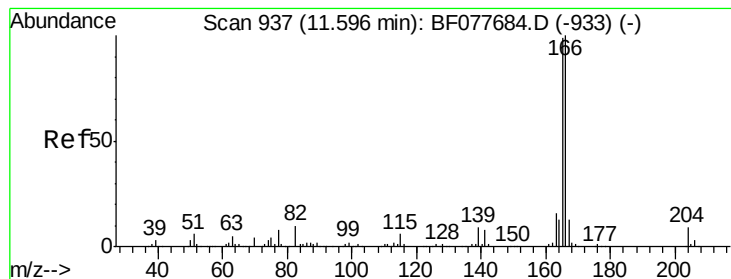
#56
2,4-Dinitrotoluene
Concen: 39.31 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:165 Resp: 64494
Ion Ratio Lower Upper
165 100
63 39.2 52.4 78.6#
89 58.4 72.4 108.6#
182 2.7 2.0 3.0



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: 35.79 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

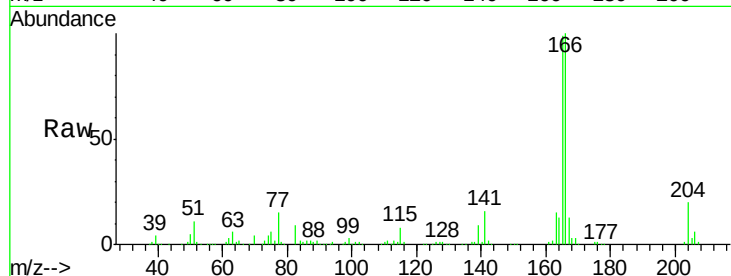
Tot Ion:166 Resp: 223445

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.4

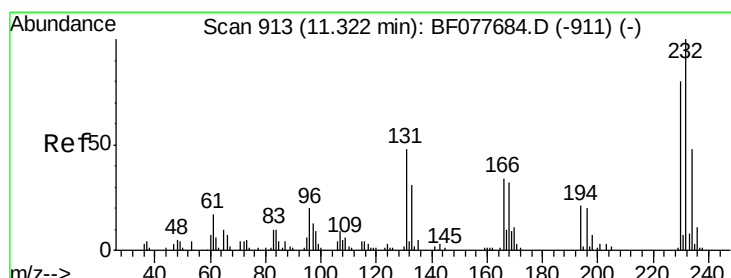
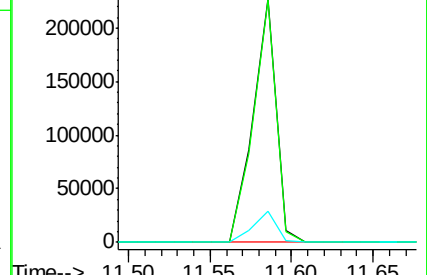
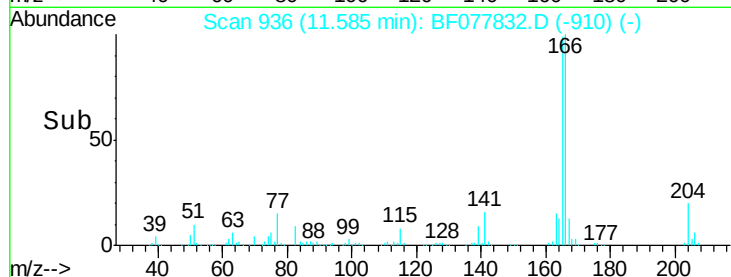
167 13.0 10.3 15.5



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: 37.93 ng

RT: 11.31 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Tgt Ion:232 Resp: 53350

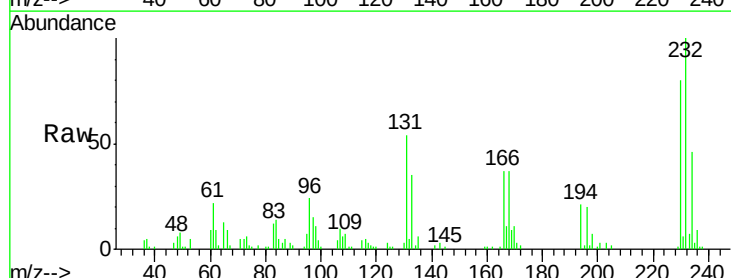
Ion Ratio Lower Upper

232 100

131 45.2 0.0 0.0#

130 2.2 0.0 0.0#

166 31.8 0.0 0.0#

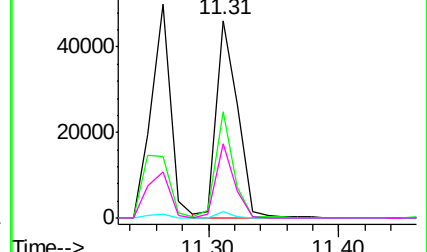
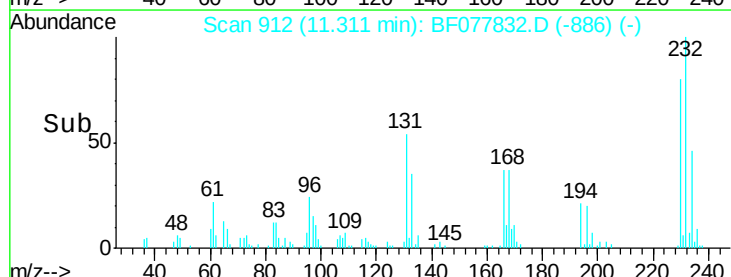


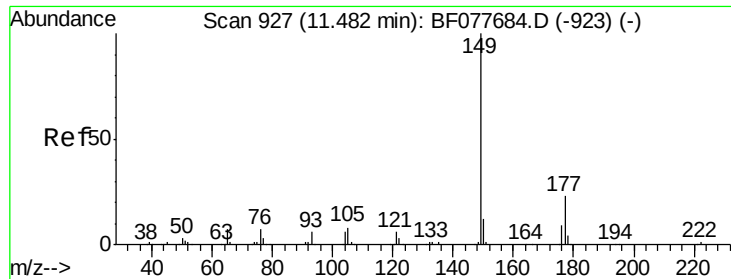
Abundance Ion 232.00 (231.70 to 232.70): E

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

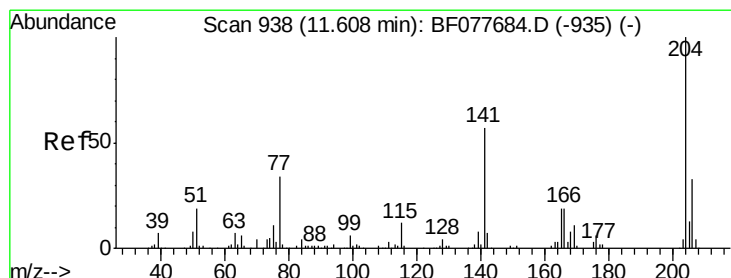
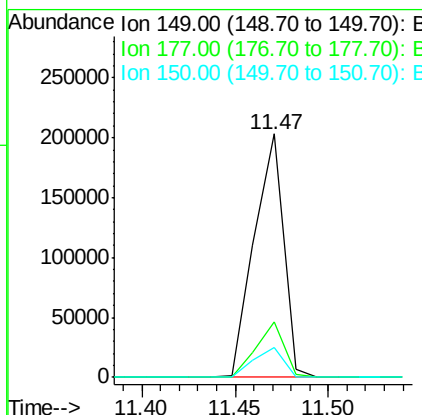
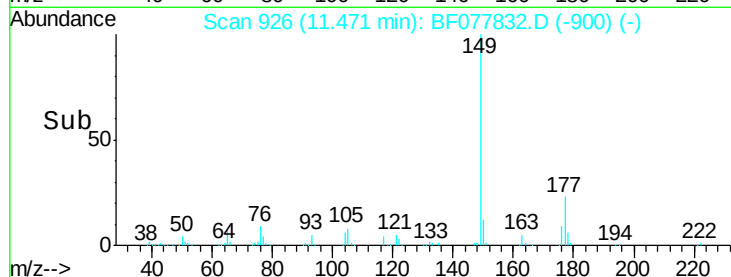
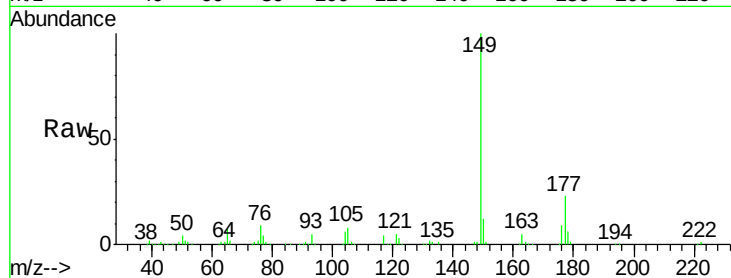




#59
Diethylphthalate
Concen: 37.25 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

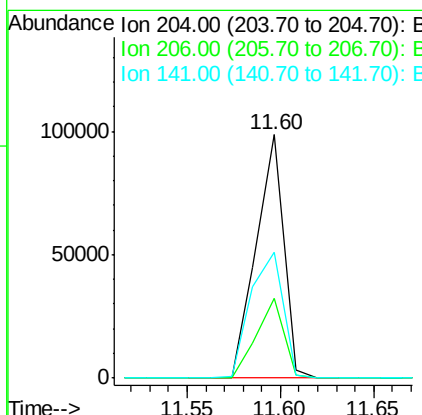
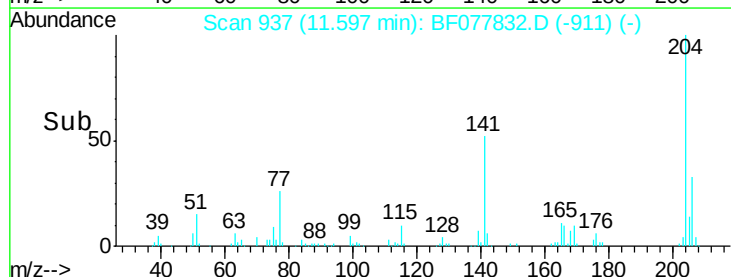
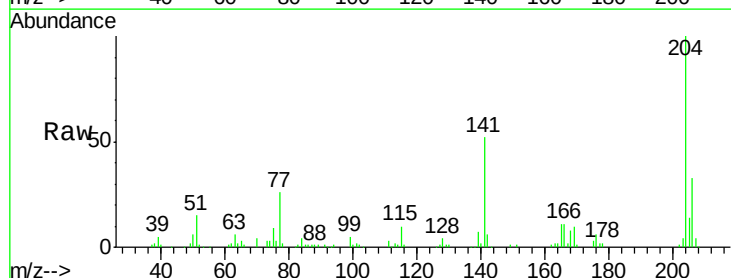
Instrument :
BNA_F
ClientSampleId :
PB82191BS

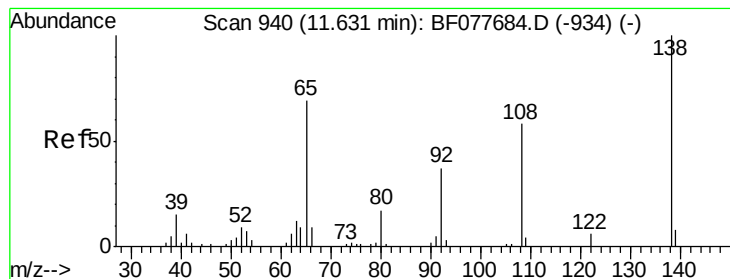
Tot Ion:149 Resp: 220332
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 35.47 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:204 Resp: 101060
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 51.9 45.2 67.8





#61

4-Nitroaniline

Concen: 38.49 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

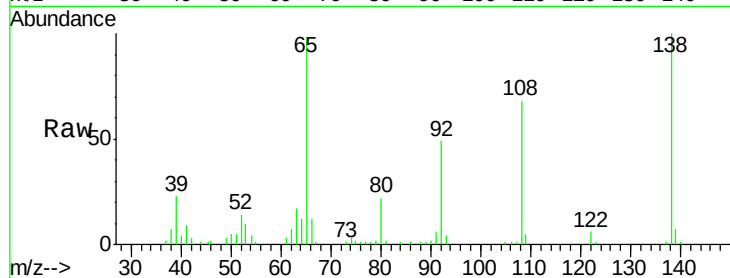
Tot Ion:138 Resp: 56061

Ion Ratio Lower Upper

138 100

92 48.7 16.7 56.7

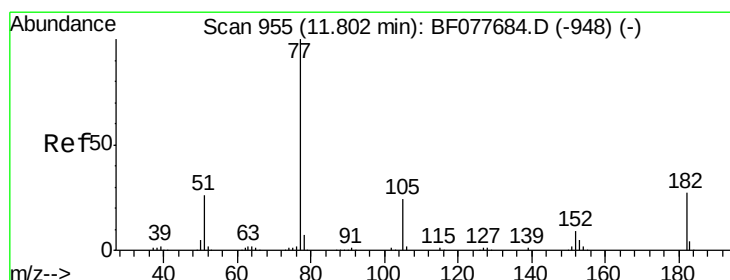
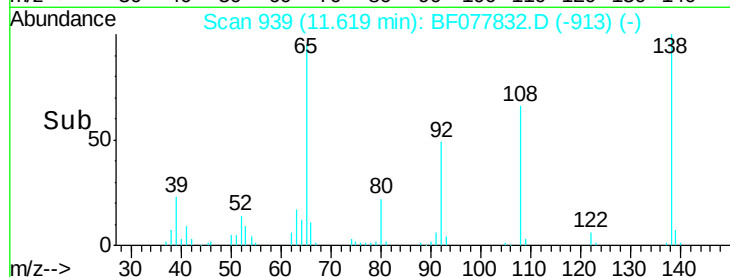
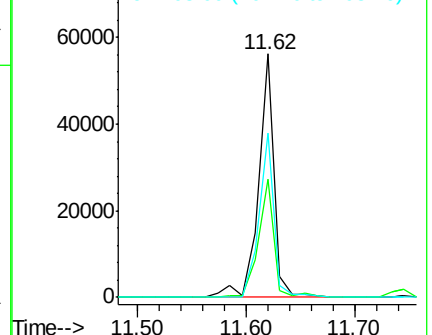
108 67.5 37.6 77.6



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: 36.59 ng

RT: 11.79 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Tgt Ion: 77 Resp: 206830

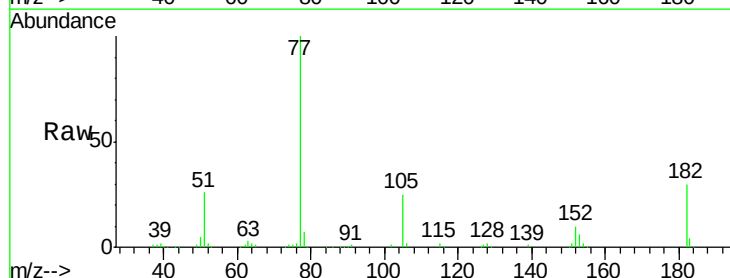
Ion Ratio Lower Upper

77 100

182 29.8 6.5 46.5

105 24.7 3.8 43.8

51 25.7 5.5 45.5

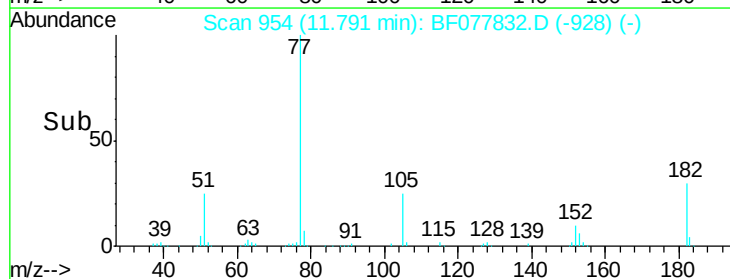
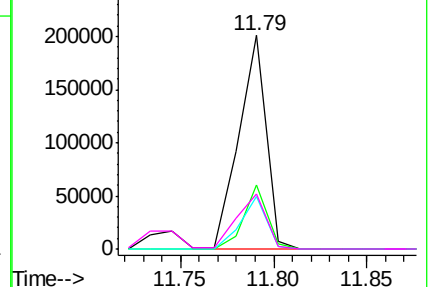


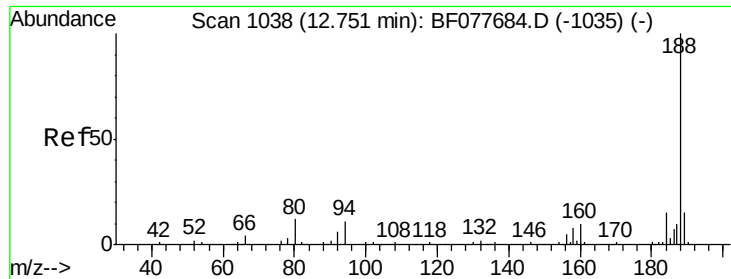
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

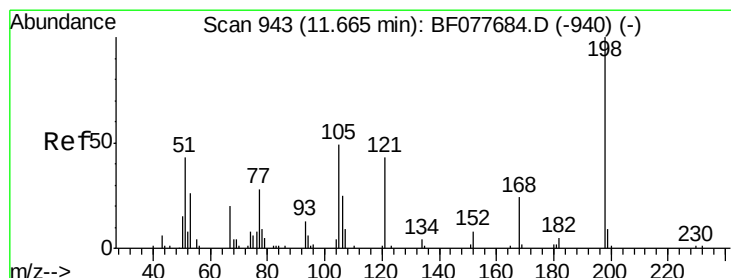
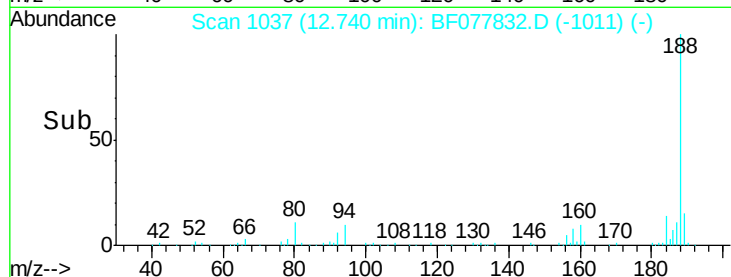
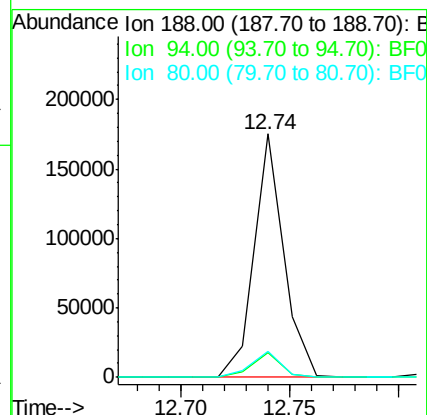
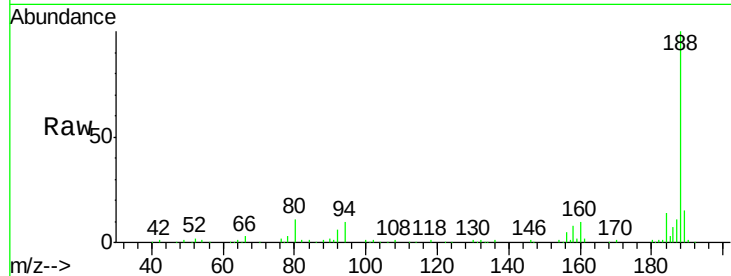




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

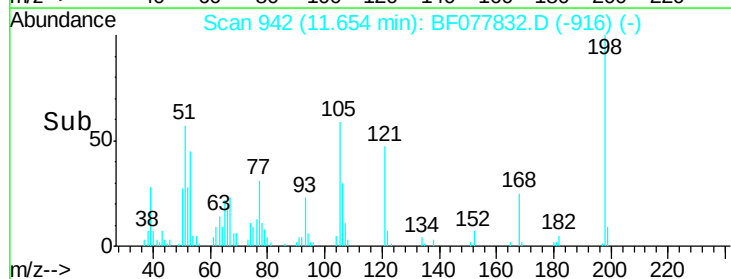
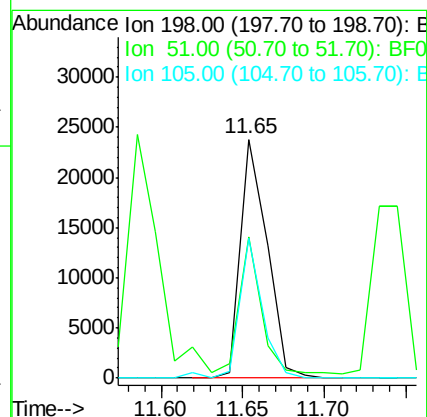
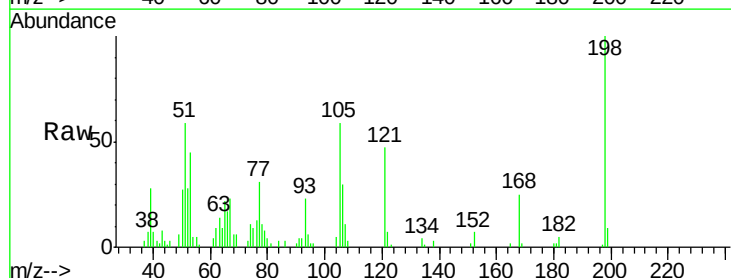
Instrument :
BNA_F
ClientSampleId :
PB82191BS

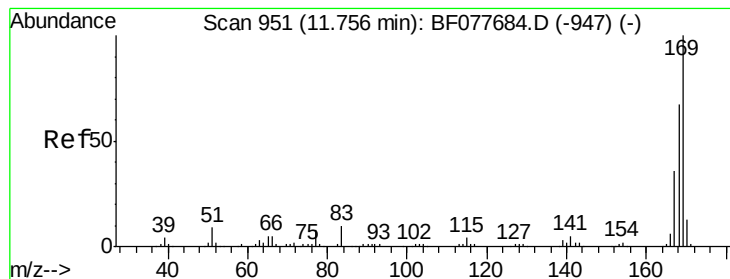
Tot Ion:188 Resp: 165935
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 10.9 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 35.36 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:198 Resp: 26731
Ion Ratio Lower Upper
198 100
51 59.1 28.8 68.8
105 58.5 30.5 70.5

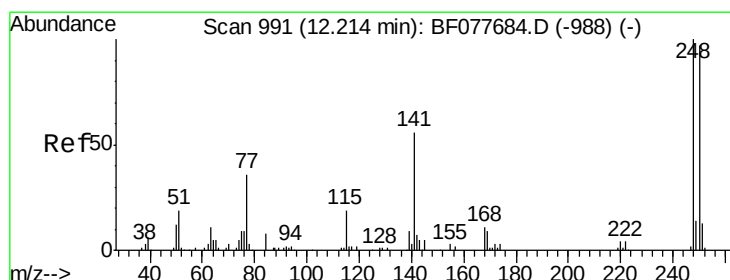
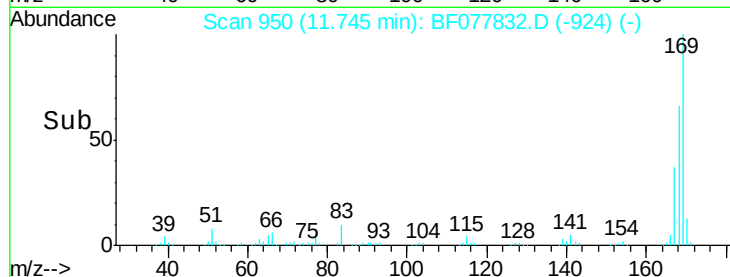
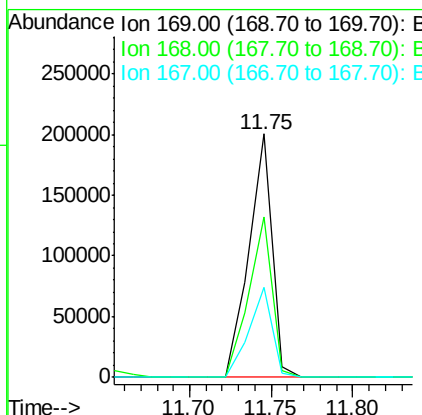
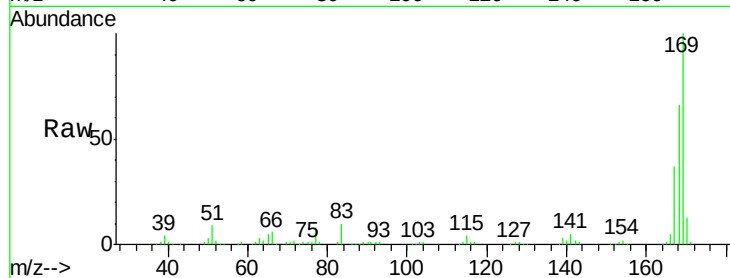




#65
 n-Nitrosodiphenylamine
 Concen: 35.77 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

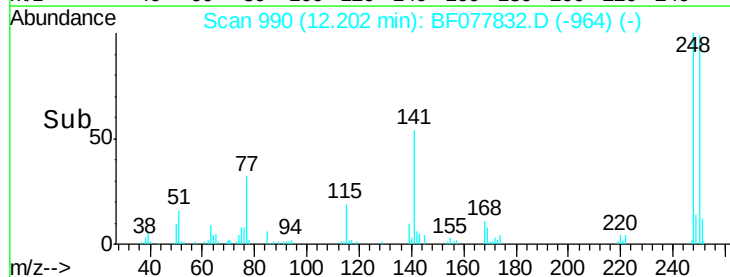
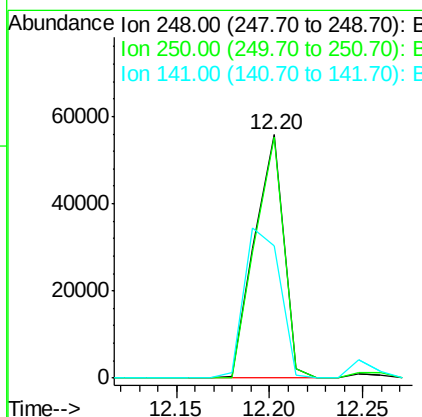
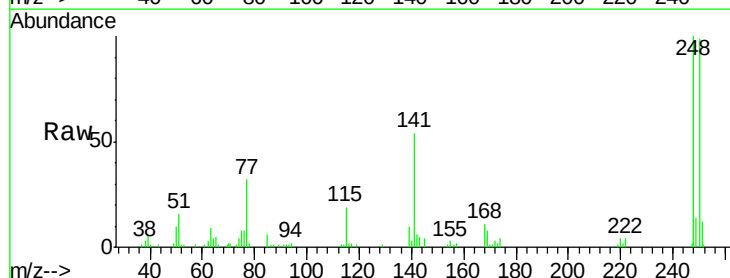
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

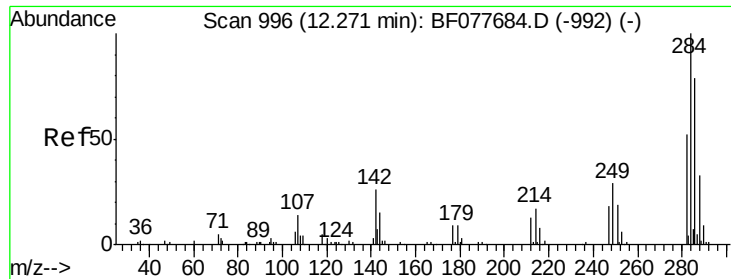
Tot Ion:169 Resp: 197628
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.9 80.9
 167 37.0 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 34.14 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion:248 Resp: 60460
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.4 116.0
 141 54.4 45.2 67.8

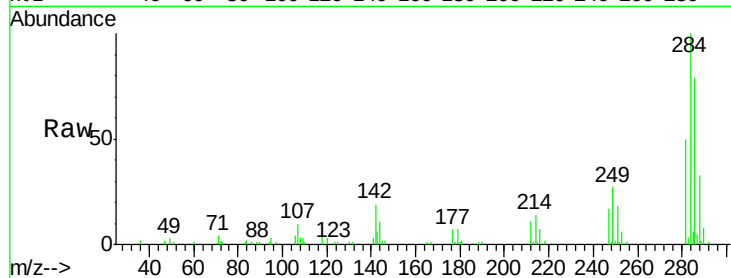




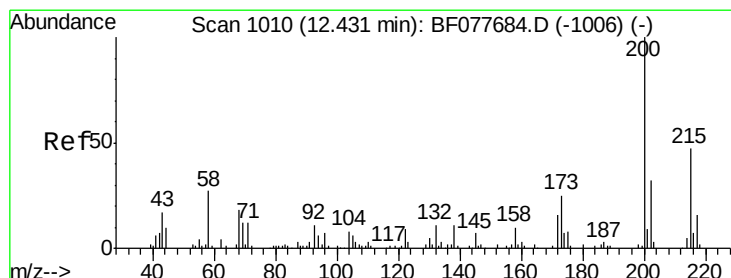
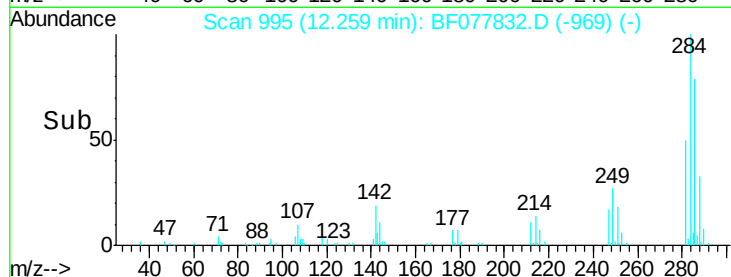
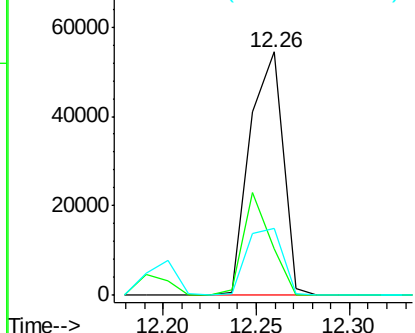
#67
Hexachlorobenzene
Concen: 34.39 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB82191BS

Tot Ion:284 Resp: 66919
Ion Ratio Lower Upper
284 100
142 19.2 20.4 30.6#
249 27.3 23.8 35.6

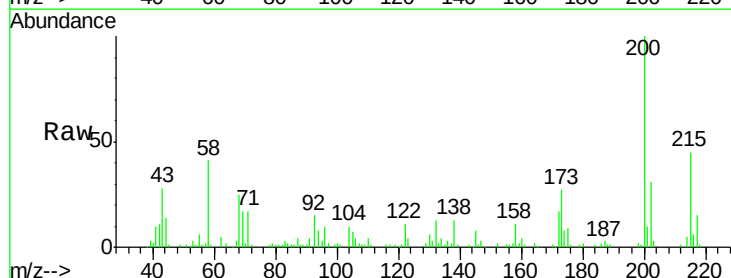


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

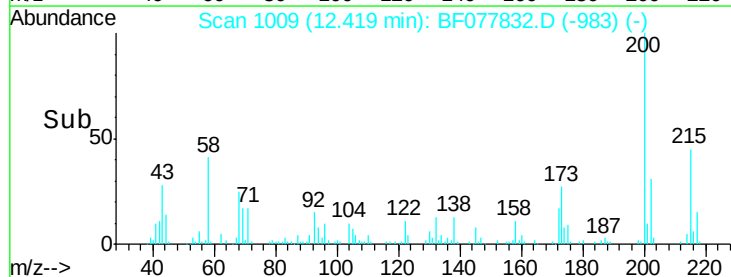
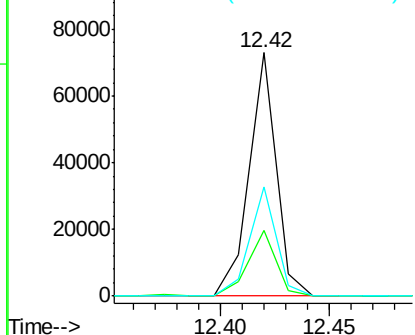


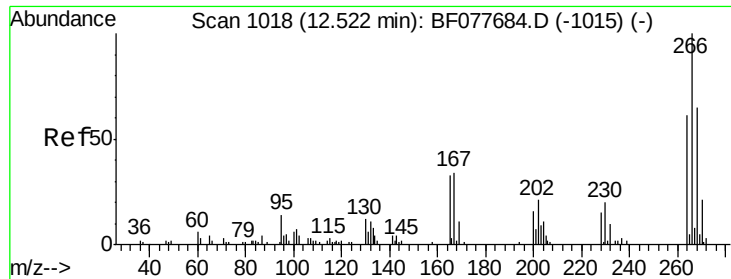
#68
Atrazine
Concen: 40.86 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:200 Resp: 63270
Ion Ratio Lower Upper
200 100
173 26.9 4.8 44.8
215 44.9 26.9 66.9



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

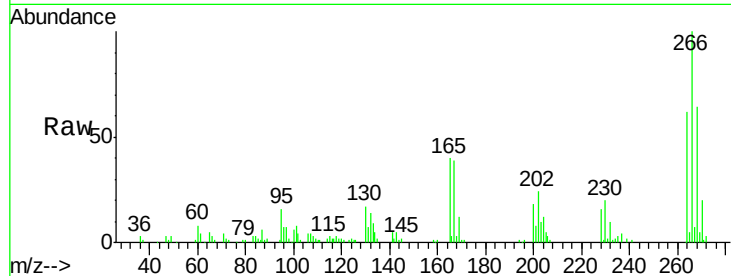




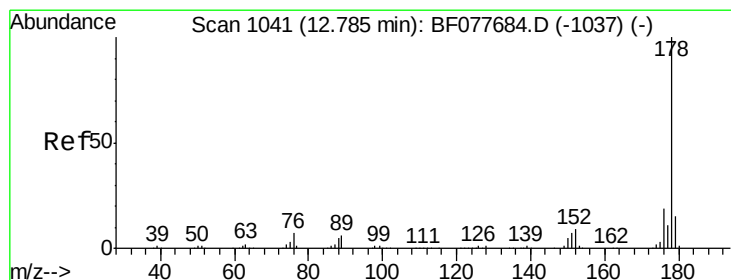
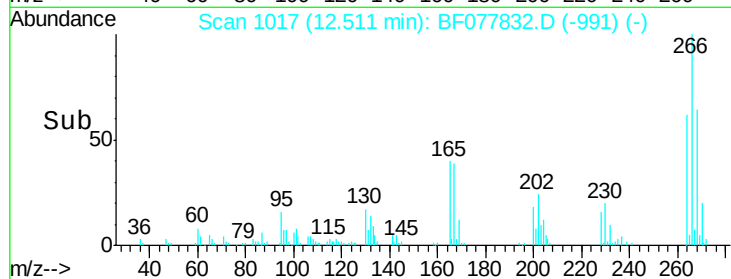
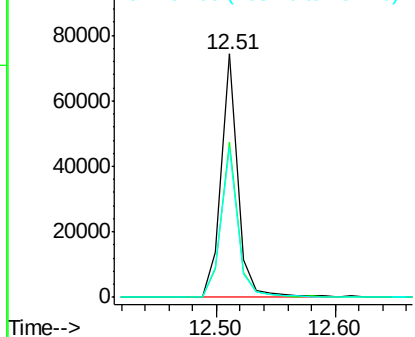
#69
 Pentachlorophenol
 Concen: 71.32 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

Tot Ion:266 Resp: 72326
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.0 78.0
 264 61.9 49.0 73.4

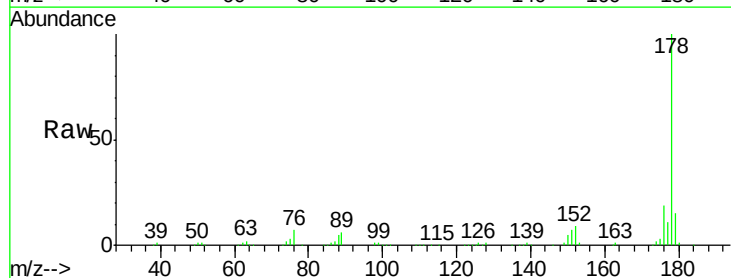


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

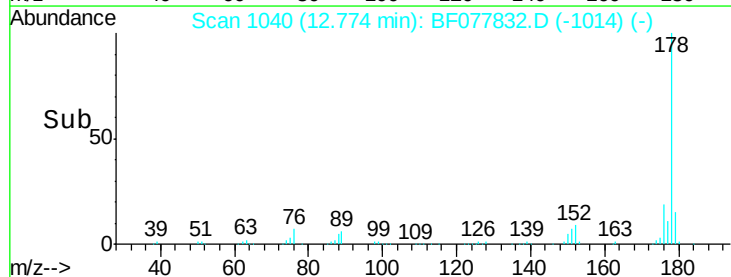
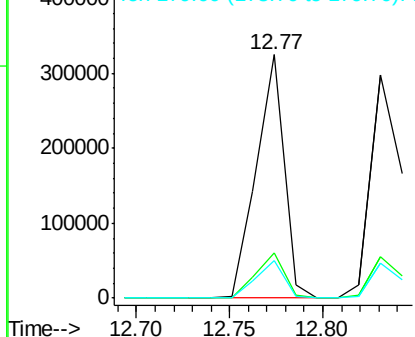


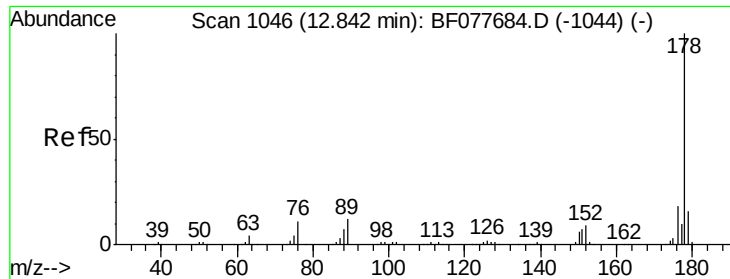
#70
 Phenanthrene
 Concen: 35.24 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion:178 Resp: 335685
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 15.3 12.1 18.1



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

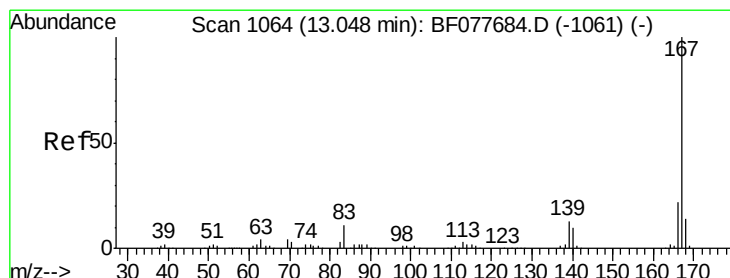
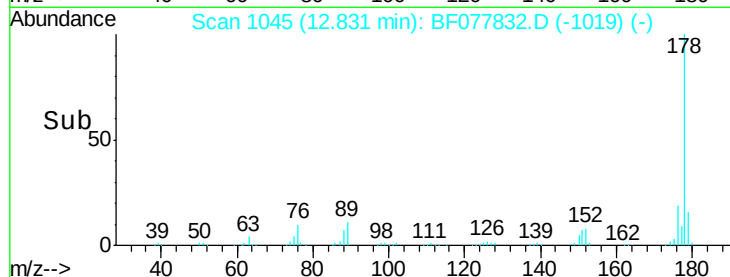
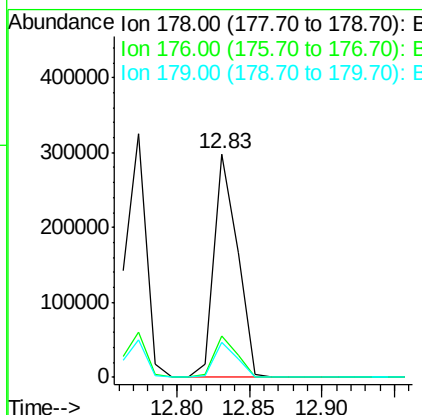
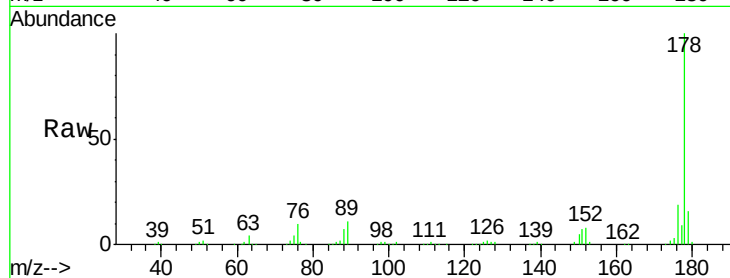




#71
 Anthracene
 Concen: 35.54 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

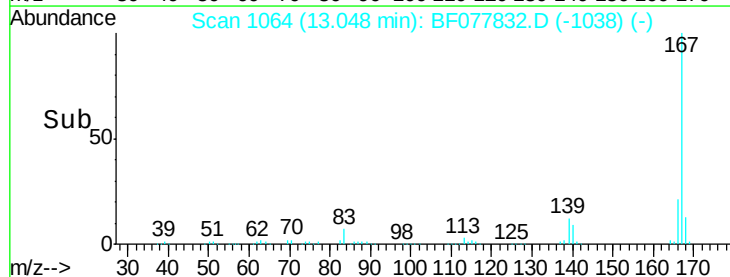
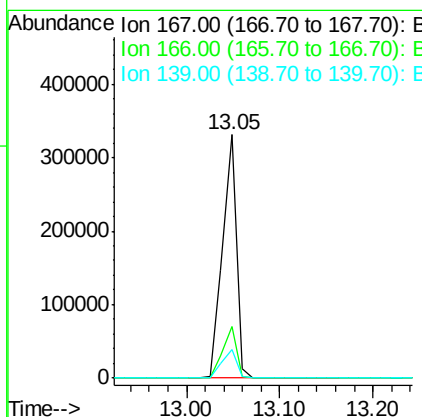
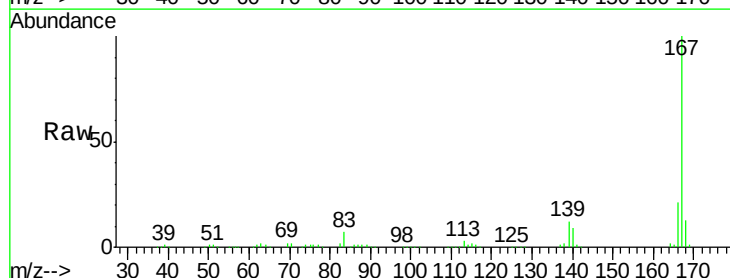
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

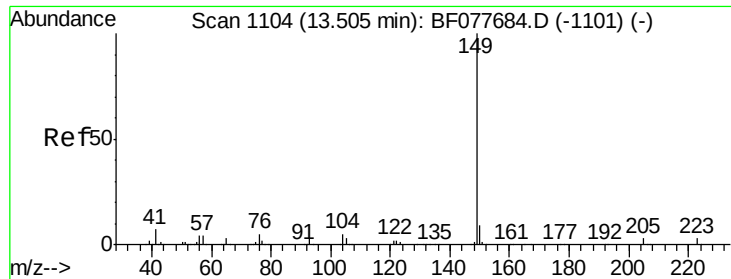
Tot Ion:178 Resp: 334487
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.23 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion:167 Resp: 342292
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.0 10.8 16.2

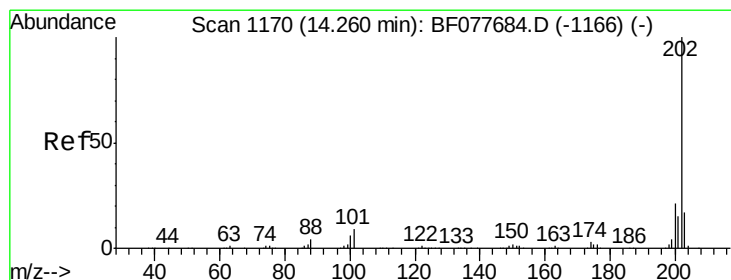
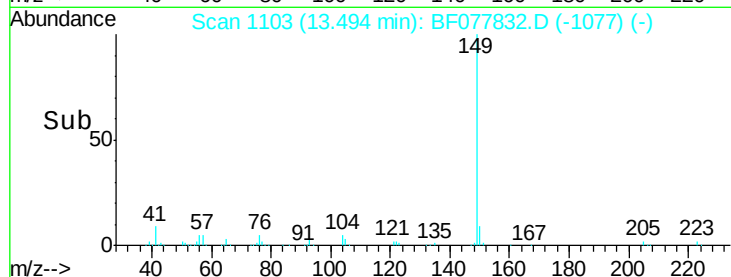
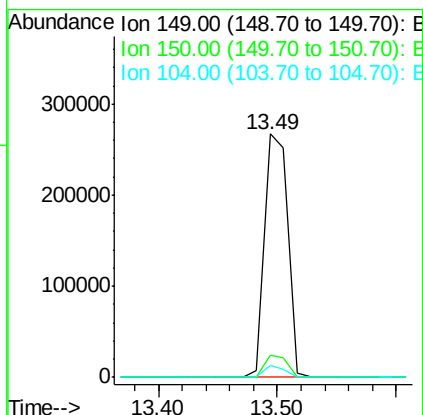
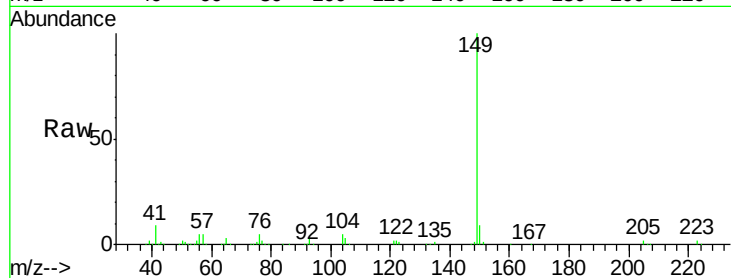




#73
Di-n-butylphthalate
Concen: 36.42 ng
RT: 13.49 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

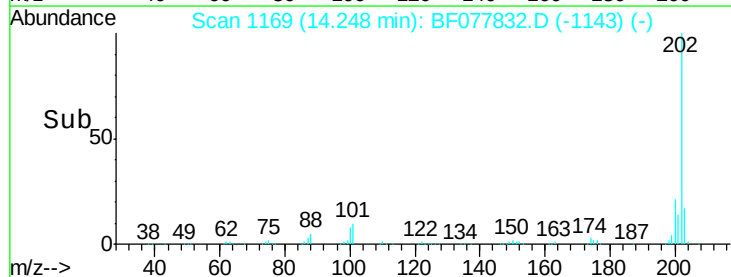
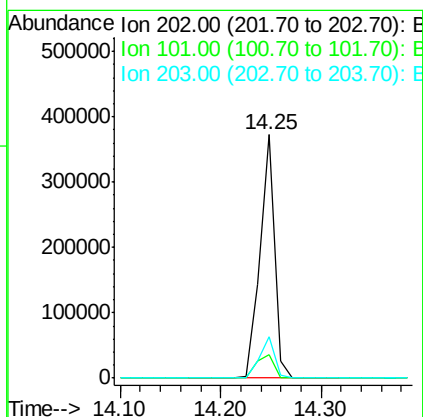
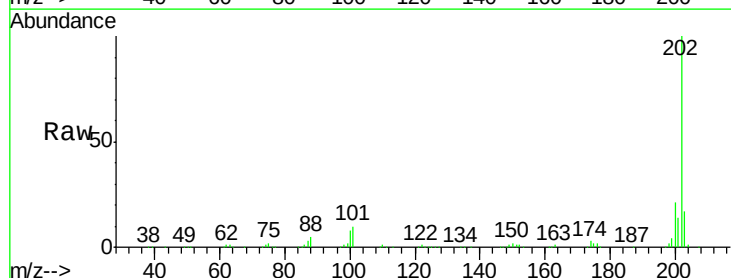
Instrument :
BNA_F
ClientSampleId :
PB82191BS

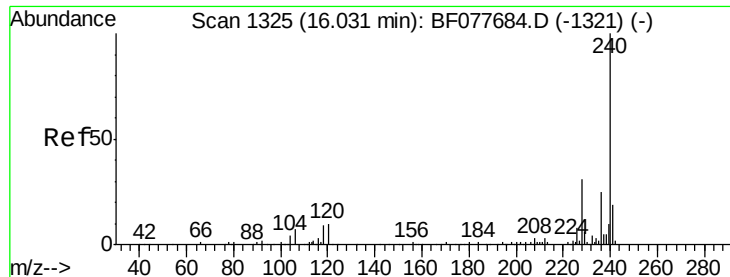
Tot Ion:149 Resp: 365607
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 3.7 5.5



#74
Fluoranthene
Concen: 35.96 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:202 Resp: 377845
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.7
203 17.1 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.04 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

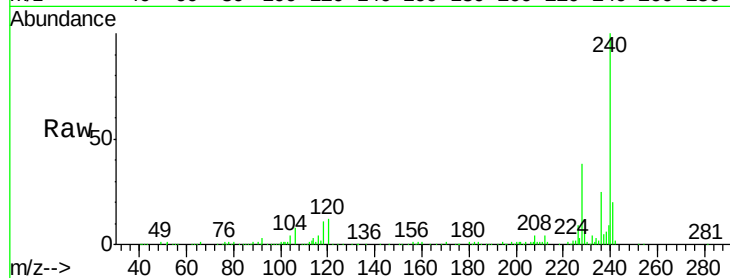
Tot Ion:240 Resp: 182474

Ion Ratio Lower Upper

240 100

120 12.0 8.2 12.2

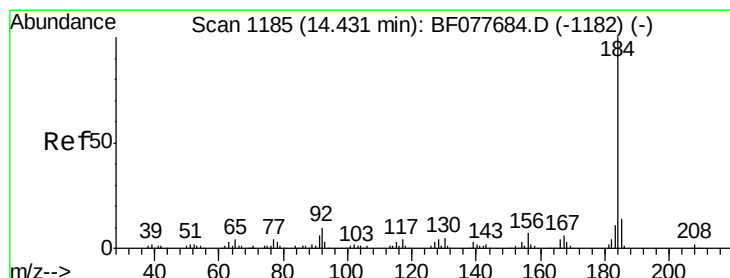
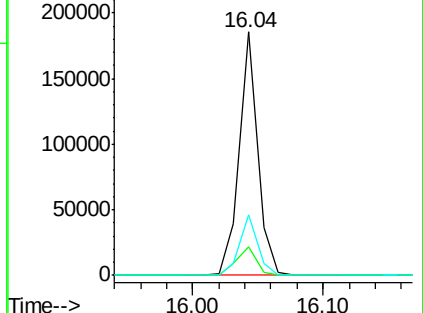
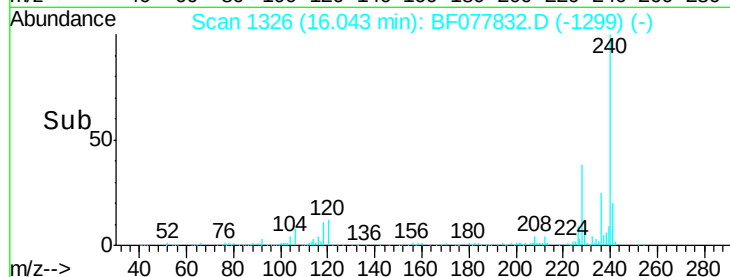
236 24.8 20.0 30.0



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: 37.72 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

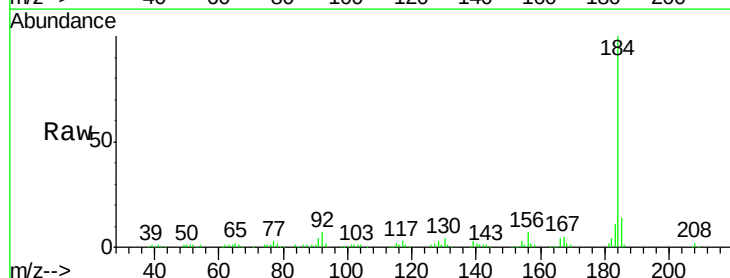
Tgt Ion:184 Resp: 170368

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

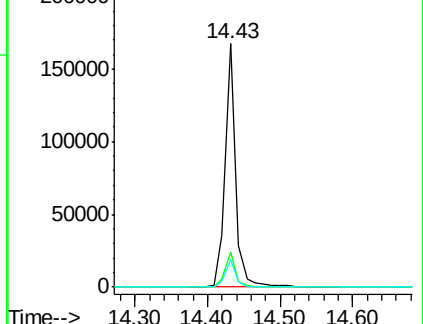
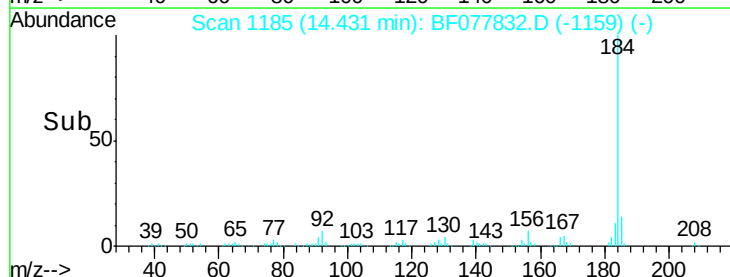
183 11.2 8.9 13.3

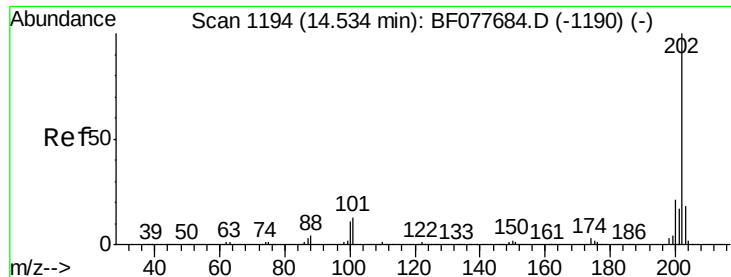


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

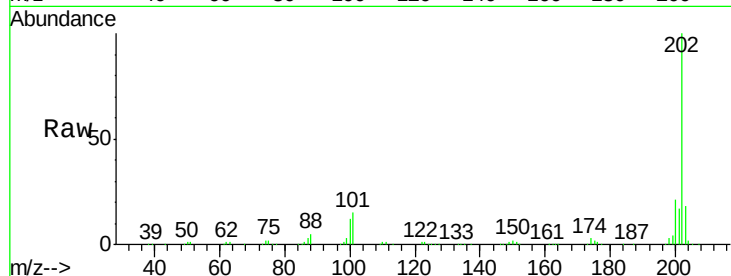




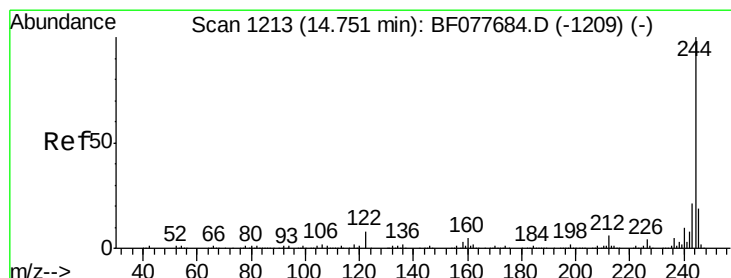
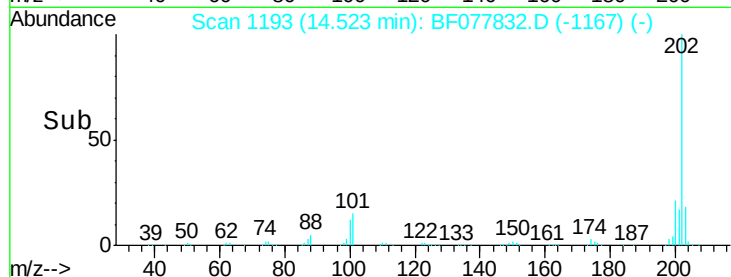
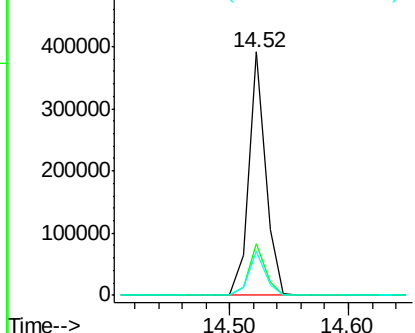
#77
Pvrene
Concen: 33.88 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB82191BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.0	14.1	21.1

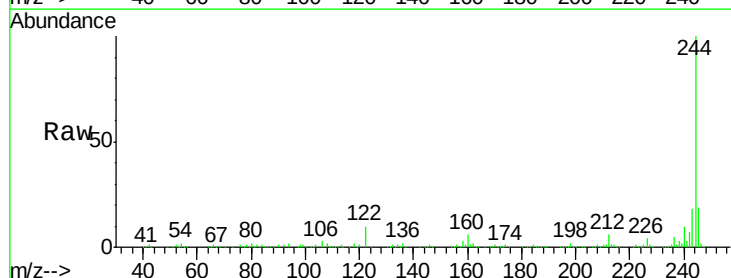


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

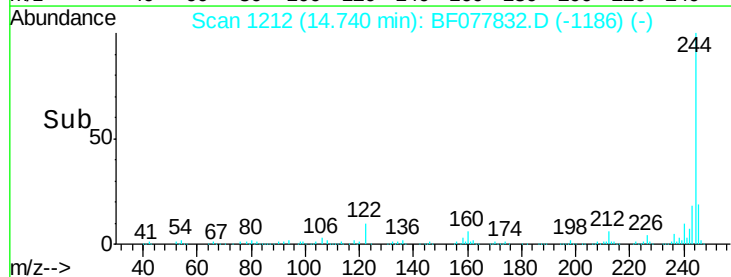
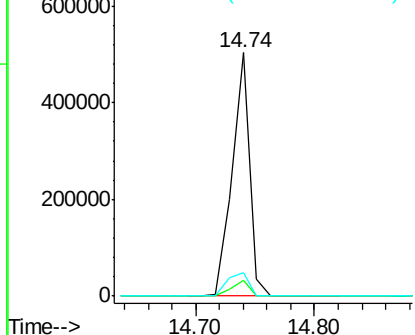


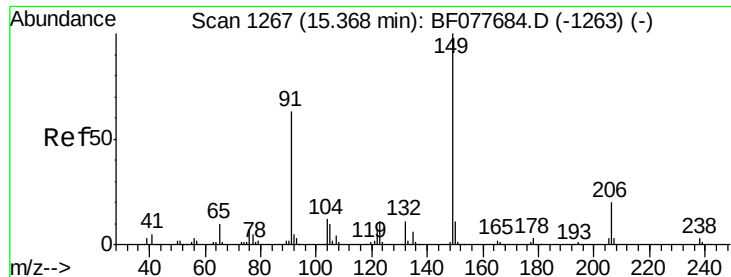
#78
Terphenyl-d14
Concen: 68.41 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.9	7.3
122	9.7	6.2	9.4



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: 35.61 ng

RT: 15.36 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

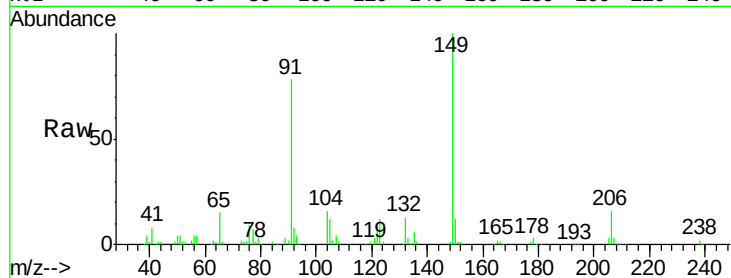
Tot Ion:149 Resp: 161121

Ion Ratio Lower Upper

149 100

91 77.8 50.1 75.1#

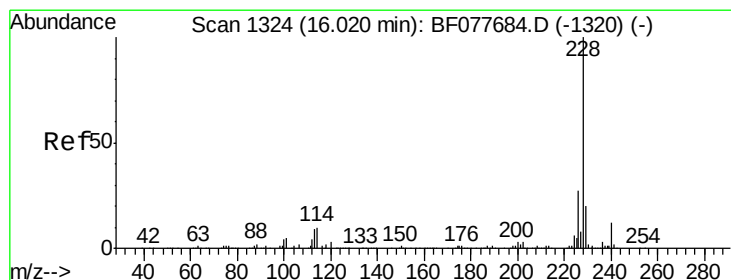
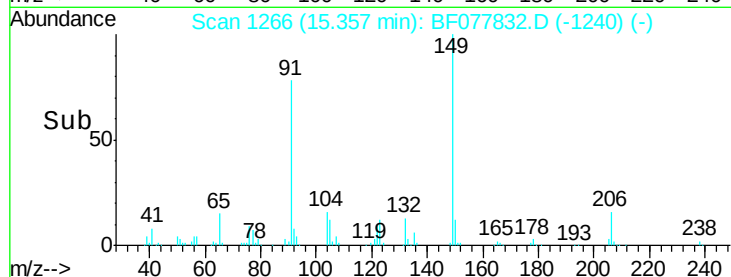
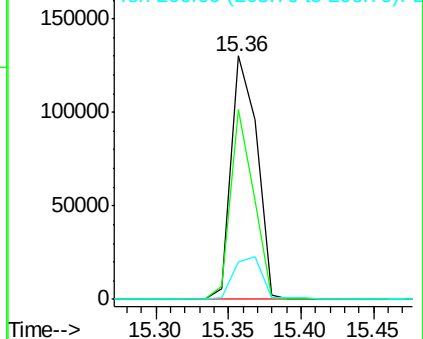
206 15.5 16.2 24.2#



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: 35.06 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

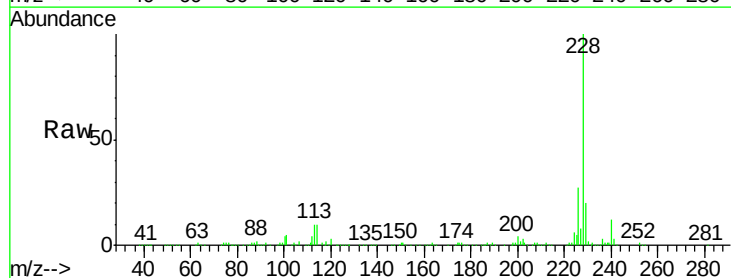
Tgt Ion:228 Resp: 379251

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

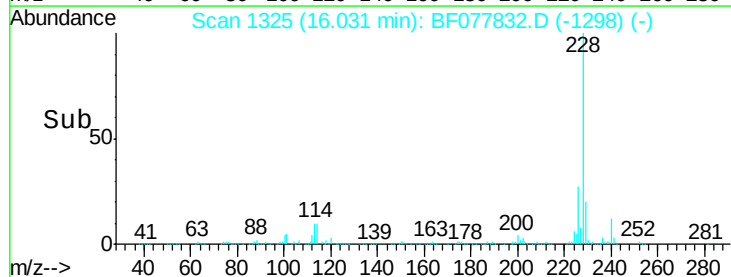
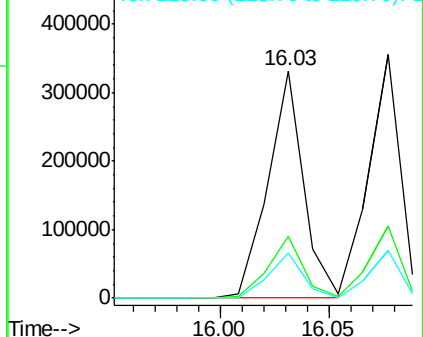
229 19.9 16.0 24.0

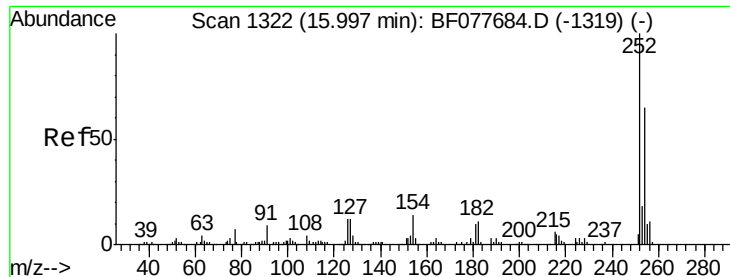


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

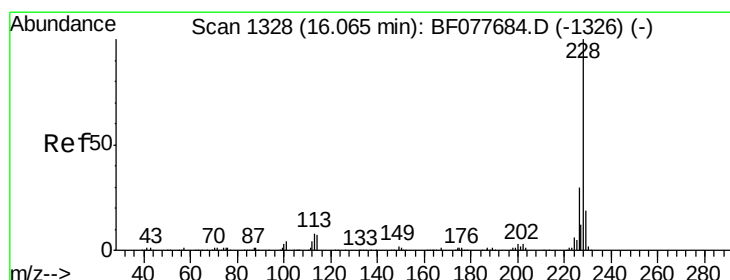
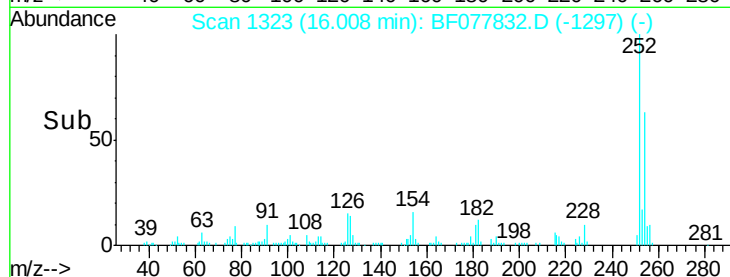
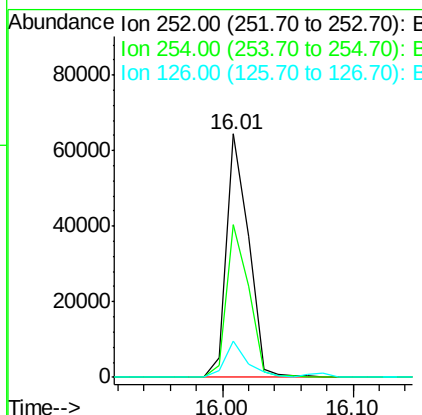
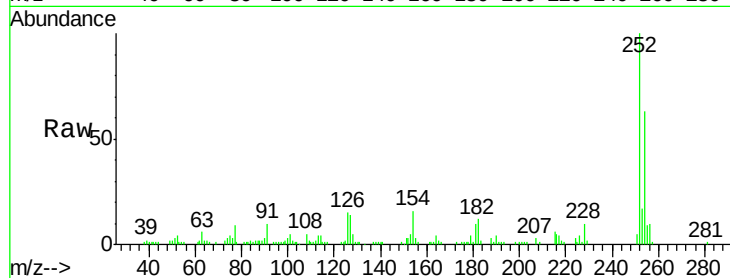




#81
 3,3'-Dichlorobenzidine
 Concen: 21.27 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

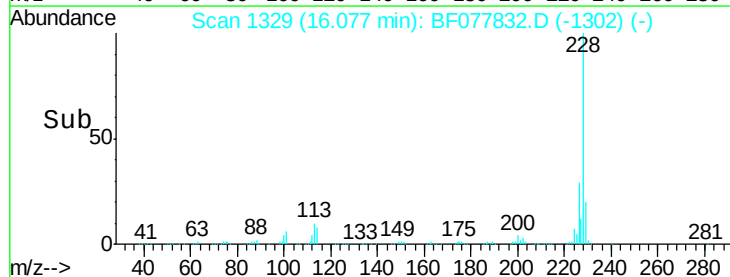
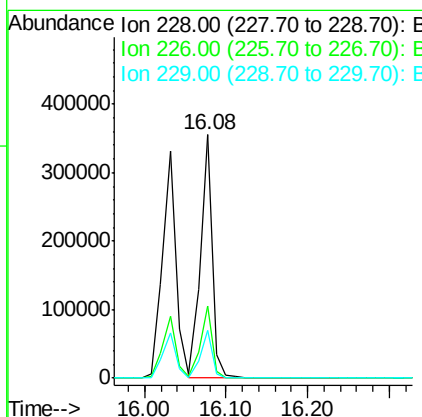
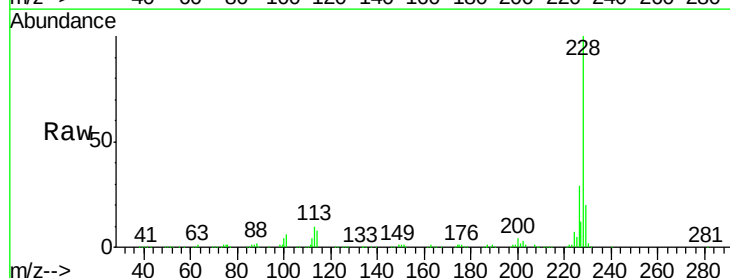
Instrument :
 BNA_F
 ClientSampleId :
 PB82191BS

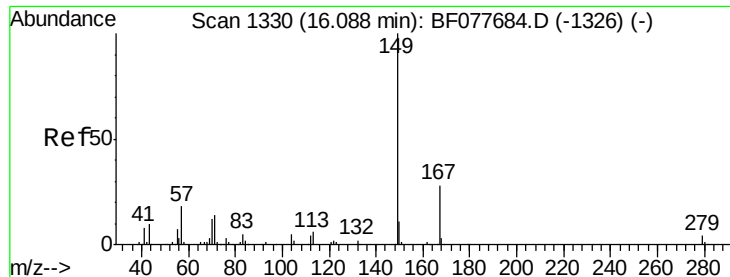
Tot Ion:252 Resp: 75909
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.9 77.9
 126 14.7 9.8 14.8



#82
 Chrysene
 Concen: 37.45 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF077832.D
 Acq: 19 Mar 2015 15:55

Tgt Ion:228 Resp: 364251
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.1 36.1
 229 19.6 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.87 ng

RT: 16.10 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

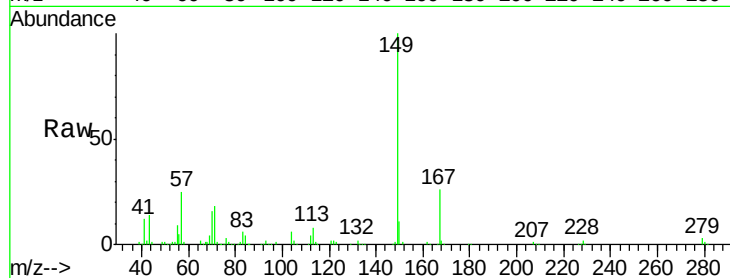
Tot Ion:149 Resp: 232136

Ion Ratio Lower Upper

149 100

167 26.1 22.4 33.6

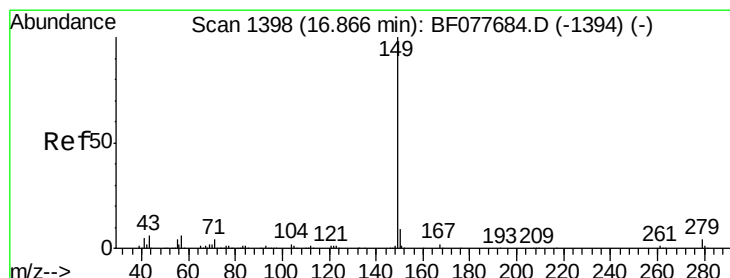
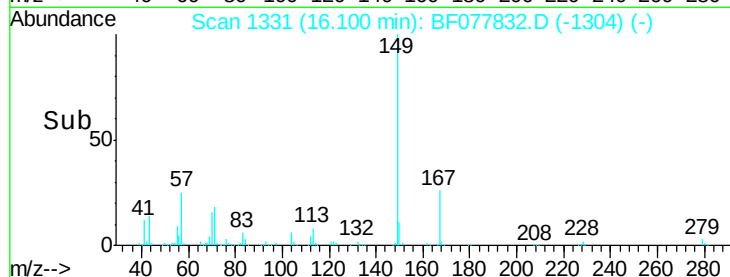
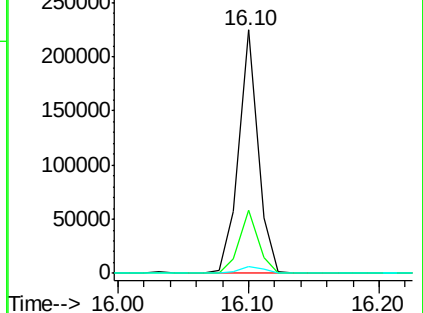
279 2.9 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.15 ng

RT: 16.92 min Scan# 1403

Delta R.T. 0.02 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

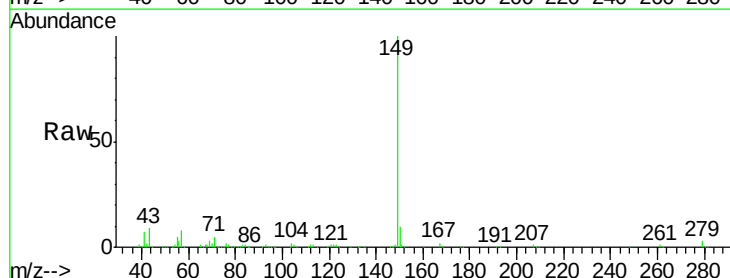
Tgt Ion:149 Resp: 400202

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

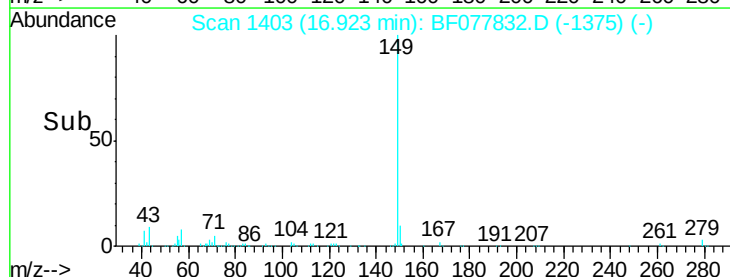
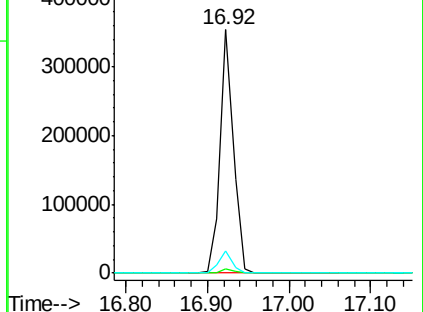
43 9.2 7.3 10.9

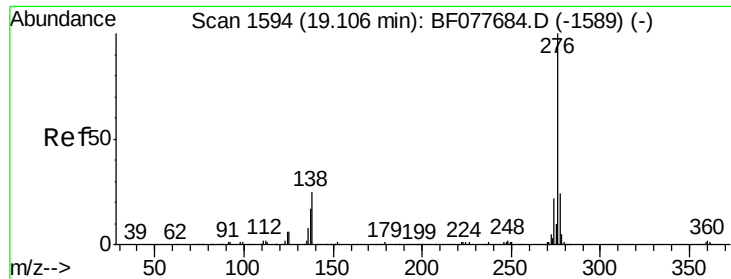


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.69 ng

RT: 19.25 min Scan# 1607

Delta R.T. 0.06 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

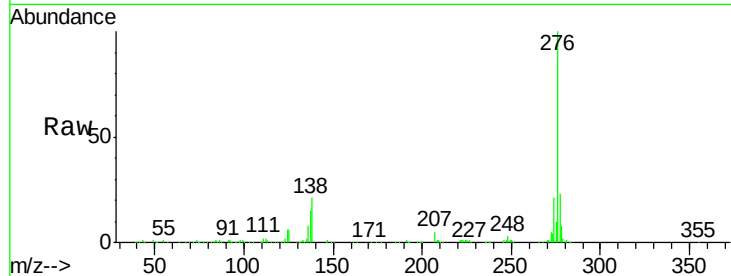
Tot Ion:276 Resp: 408914

Ion Ratio Lower Upper

276 100

138 28.5 0.0 0.0#

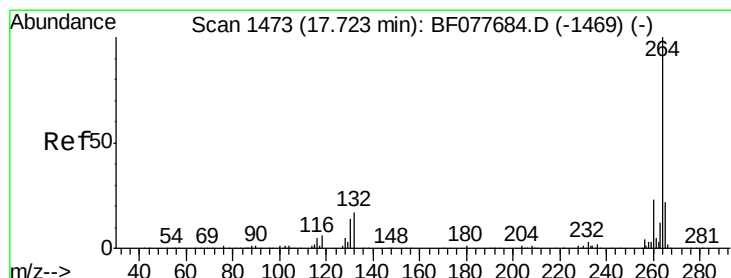
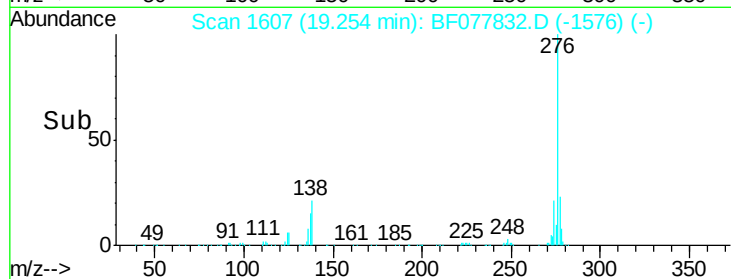
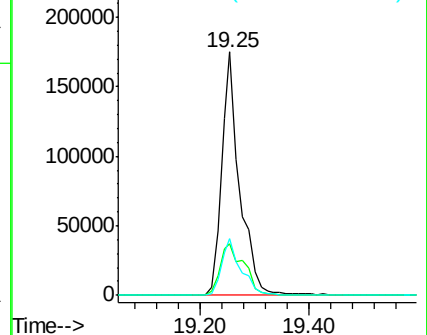
277 25.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.84 min Scan# 1483

Delta R.T. 0.05 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

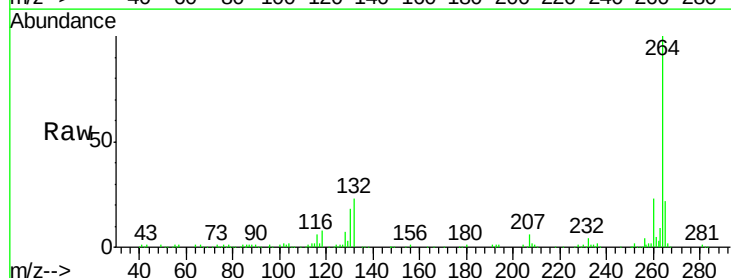
Tgt Ion:264 Resp: 178667

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

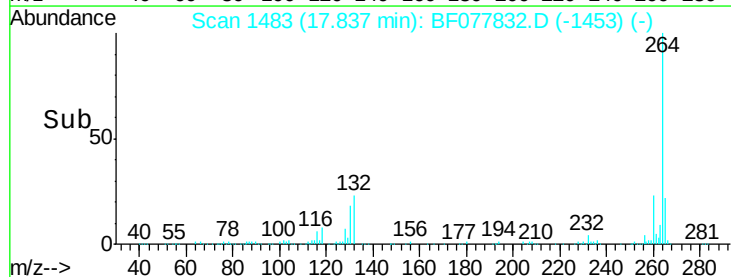
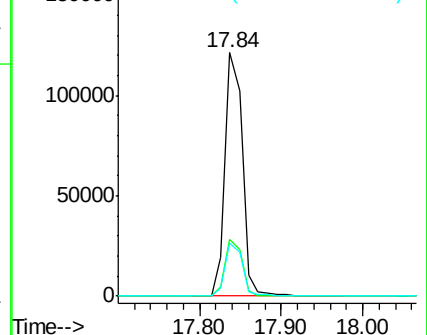
265 21.6 17.3 25.9

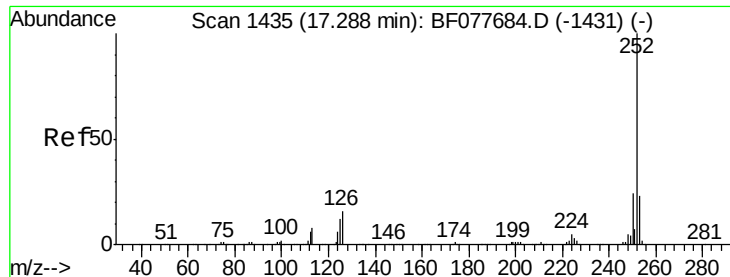


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

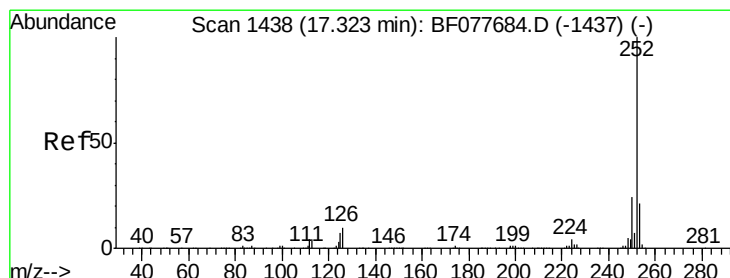
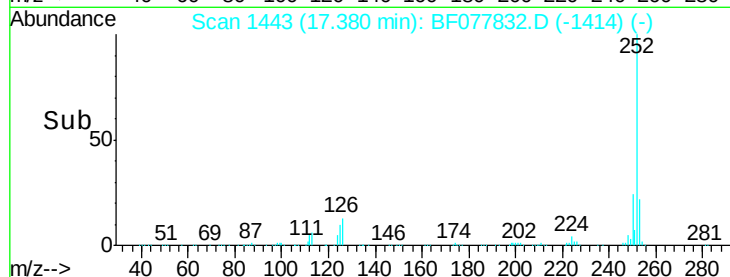
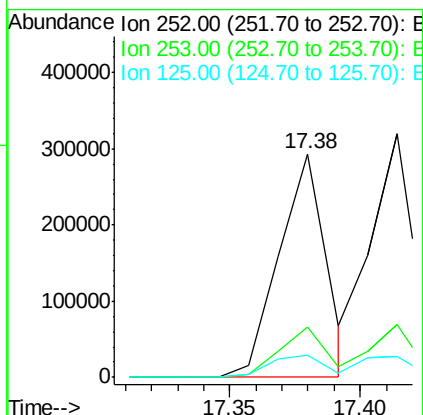
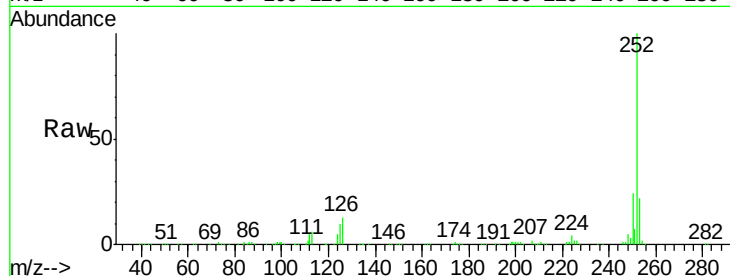




#87
Benzo(b)fluoranthene
Concen: 31.41 ng
RT: 17.38 min Scan# 1443
Delta R.T. 0.03 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

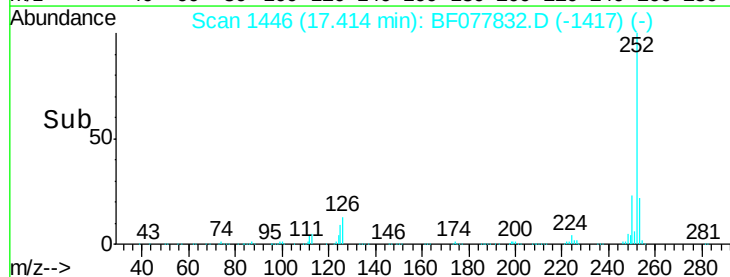
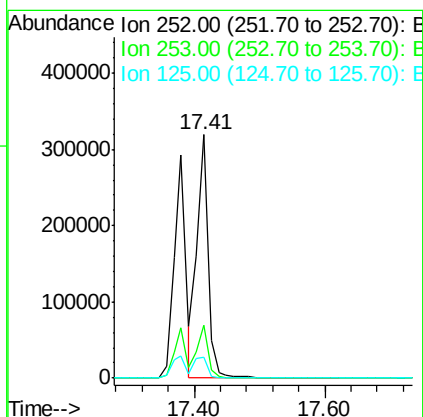
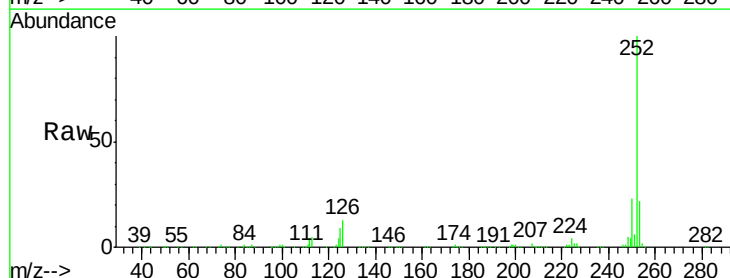
Instrument :
BNA_F
ClientSampleId :
PB82191BS

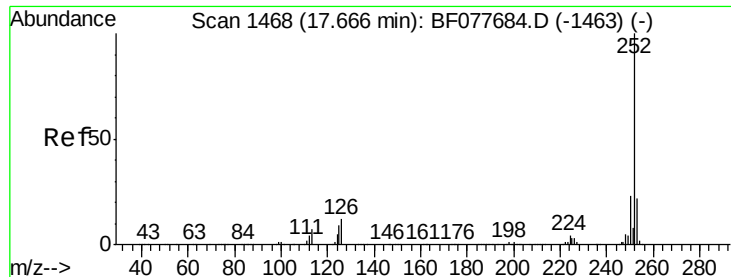
Tot Ion:252 Resp: 366338
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.7 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 41.54 ng
RT: 17.41 min Scan# 1446
Delta R.T. 0.03 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:252 Resp: 378435
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 8.8 8.1 12.1

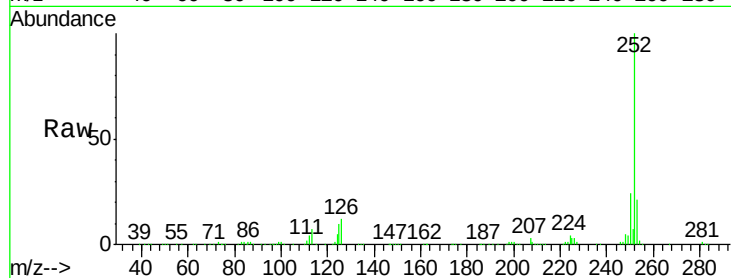




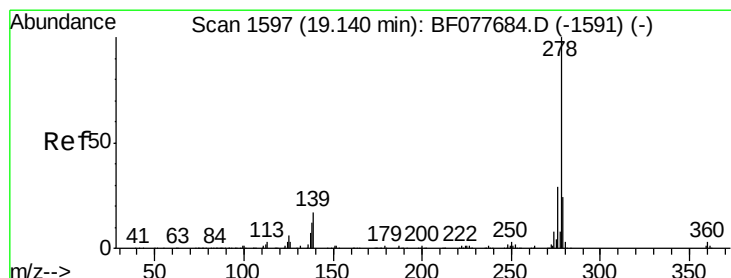
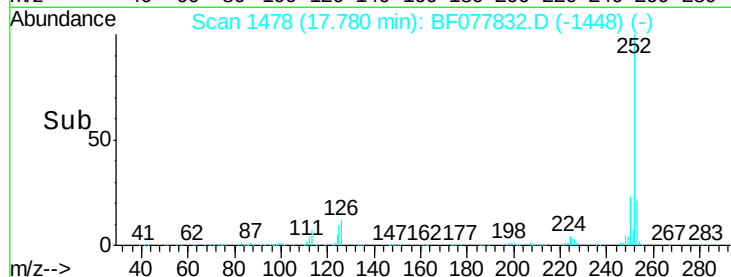
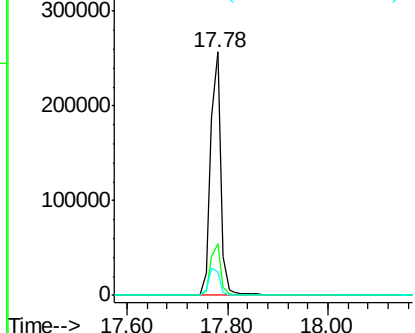
#89
Benzo(a)pyrene
Concen: 37.64 ng
RT: 17.78 min Scan# 1478
Delta R.T. 0.05 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Instrument :
BNA_F
ClientSampleId :
PB82191BS

Tot Ion:252 Resp: 366349
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.9 7.4 11.2

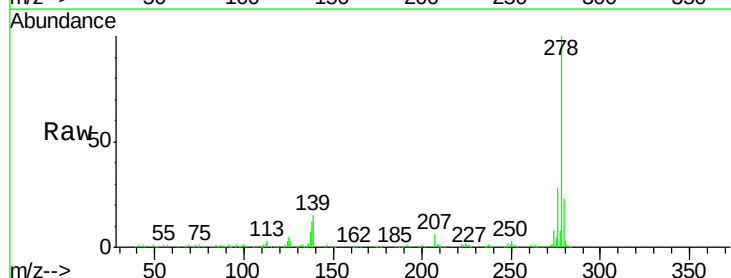


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

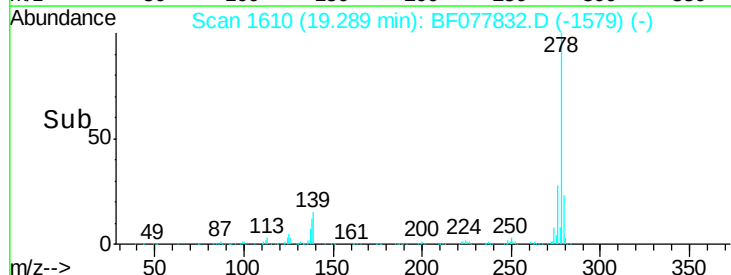
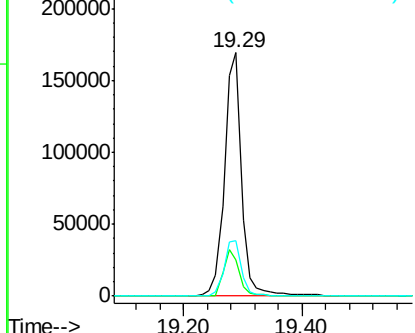


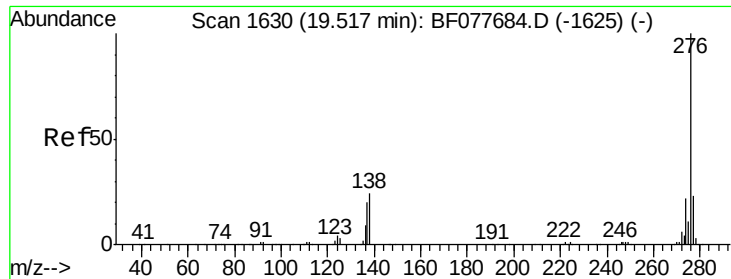
#90
Dibenzo(a,h)anthracene
Concen: 35.02 ng
RT: 19.29 min Scan# 1610
Delta R.T. 0.06 min
Lab File: BF077832.D
Acq: 19 Mar 2015 15:55

Tgt Ion:278 Resp: 338045
Ion Ratio Lower Upper
278 100
139 15.1 13.4 20.0
279 22.7 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 35.38 ng

RT: 19.67 min Scan# 1643

Delta R.T. 0.06 min

Lab File: BF077832.D

Acq: 19 Mar 2015 15:55

Instrument :

BNA_F

ClientSampleId :

PB82191BS

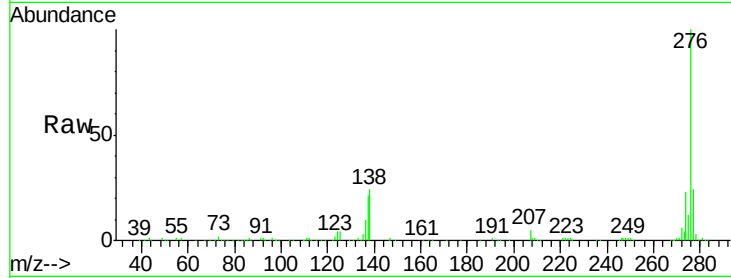
Tot Ion:276 Resp: 347642

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 23.8 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

