

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077966.D
 Acq On : 25 Mar 2015 22:16
 Operator : TP/IZ
 Sample : PB82320BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Quant Time: Mar 26 00:08:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	46825	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	191008	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	97985	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	194378	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	211475	20.00	ng	-0.01
86) Perylene-d12	17.70	264	209697	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	266236	99.25	ng	0.00
7) Phenol-d6	6.67	99	321563	97.02	ng	0.00
23) Nitrobenzene-d5	7.79	82	193233	66.31	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	85630	91.34	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	428019	64.20	ng	0.00
78) Terphenyl-d14	14.67	244	514580	59.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.97	88	31410	25.79	ng	# 100
3) Pyridine	2.64	79	89870	27.46	ng	99
4) n-Nitrosodimethylamine	2.57	42	41647	29.23	ng	95
6) Aniline	6.68	93	78857	16.63	ng	# 53
8) 2-Chlorophenol	6.83	128	106348	33.31	ng	89
9) Benzaldehyde	6.54	77	4784	3.52	ng	97
10) Phenol	6.69	94	128856	32.89	ng	# 72
11) bis(2-Chloroethyl)ether	6.78	93	93776	31.96	ng	86
12) 1,3-Dichlorobenzene	7.01	146	111846	31.49	ng	97
13) 1,4-Dichlorobenzene	7.12	146	112701	30.54	ng	98
14) 1,2-Dichlorobenzene	7.30	146	108056	31.94	ng	99
15) Benzyl Alcohol	7.29	79	84818	32.78	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	125512	31.74	ng	98
17) 2-Methylphenol	7.44	107	84870	32.65	ng	98
18) Hexachloroethane	7.71	117	37513	31.00	ng	95
19) n-Nitroso-di-n-propylamine	7.62	70	73456	32.04	ng	98
20) 3+4-Methylphenols	7.63	107	112091	32.86	ng	95
22) Acetophenone	7.61	105	144684	34.22	ng	# 95
24) Nitrobenzene	7.81	77	107328	34.19	ng	92
25) Isophorone	8.11	82	184955	31.43	ng	# 93
26) 2-Nitrophenol	8.21	139	50119	32.61	ng	93
27) 2,4-Dimethylphenol	8.28	122	97554	34.84	ng	97
28) bis(2-Chloroethoxy)methane	8.40	93	119355	33.42	ng	99
29) 2,4-Dichlorophenol	8.51	162	91639	34.34	ng	99
30) 1,2,4-Trichlorobenzene	8.60	180	91625	30.68	ng	97
31) Naphthalene	8.69	128	301719	30.76	ng	100
32) Benzoic acid	8.40	122	39697	26.87	ng	97
33) 4-Chloroaniline	8.77	127	64139	16.11	ng	# 90
34) Hexachlorobutadiene	8.85	225	53495	31.61	ng	98
35) Caprolactam	9.21	113	28396	36.41	ng	89
36) 4-Chloro-3-methylphenol	9.39	107	90152	33.57	ng	83
37) 2-Methylnaphthalene	9.56	142	212130	32.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.77	216	89208	30.52	ng	# 100
40) Hexachlorocyclopentadiene	9.74	237	87346	60.51	ng	97

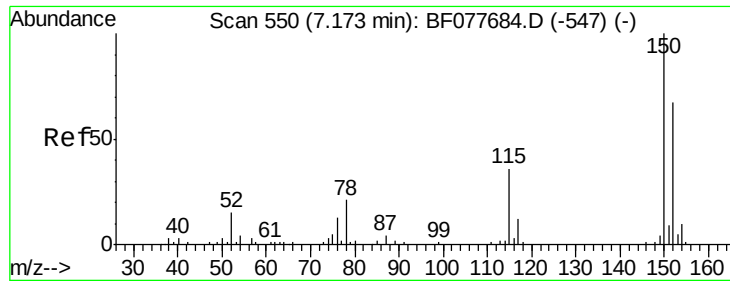
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077966.D
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 Operator : TP/IZ
 Sample : PB82320BSD
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Quant Time: Mar 26 00:08:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	65090	32.15	ng	98
43) 2,4,5-Trichlorophenol	9.96	196	70039	32.02	ng	# 92
45) 1,1'-Biphenyl	10.13	154	244470	31.21	ng	96
46) 2-Chloronaphthalene	10.16	162	200998	31.58	ng	94
47) 2-Nitroaniline	10.29	65	58912	37.26	ng	97
48) Acenaphthylene	10.67	152	320369	30.27	ng	99
49) Dimethylphthalate	10.53	163	246110	33.86	ng	99
50) 2,6-Dinitrotoluene	10.60	165	52352	34.75	ng	95
51) Acenaphthene	10.88	154	183733	30.27	ng	99
52) 3-Nitroaniline	10.81	138	38841	22.20	ng	97
53) 2,4-Dinitrophenol	10.95	184	39820	72.76	ng	# 66
54) Dibenzofuran	11.09	168	289099	32.12	ng	93
55) 4-Nitrophenol	11.04	139	91919	70.93	ng	95
56) 2,4-Dinitrotoluene	11.09	165	69335	35.30	ng	90
57) Fluorene	11.52	166	233295	31.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	58303	34.62	ng	# 100
59) Diethylphthalate	11.40	149	231930	32.75	ng	96
60) 4-Chlorophenyl-phenylether	11.53	204	110446	32.38	ng	91
61) 4-Nitroaniline	11.56	138	57537	33.00	ng	96
62) Azobenzene	11.72	77	218251	32.25	ng	93
64) 4,6-Dinitro-2-methylphenol	11.60	198	30365	34.42	ng	93
65) n-Nitrosodiphenylamine	11.68	169	203212	31.40	ng	100
66) 4-Bromophenyl-phenylether	12.13	248	64854	31.26	ng	# 88
67) Hexachlorobenzene	12.19	284	72584	31.84	ng	94
68) Atrazine	12.36	200	64633	35.63	ng	98
69) Pentachlorophenol	12.44	266	72686	61.62	ng	97
70) Phenanthrene	12.71	178	365528	32.76	ng	99
71) Anthracene	12.77	178	364536	33.07	ng	99
72) Carbazole	12.98	167	359097	34.24	ng	99
73) Di-n-butylphthalate	13.44	149	400719	34.08	ng	99
74) Fluoranthene	14.18	202	402342	32.69	ng	99
76) Benzidine	14.36	184	162054	30.87	ng	100
77) Pyrene	14.45	202	417371	31.39	ng	100
79) Butylbenzylphthalate	15.29	149	178961	34.13	ng	# 85
80) Benzo(a)anthracene	15.95	228	409022	32.63	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	87656	21.20	ng	99
82) Chrysene	15.99	228	386432	34.28	ng	99
83) Bis(2-ethylhexyl)phthalate	16.02	149	270578	34.07	ng	98
84) Di-n-octyl phthalate	16.82	149	461744	34.00	ng	99
85) Indeno(1,2,3-cd)pyrene	19.07	276	439494	31.24	ng	# 100
87) Benzo(b)fluoranthene	17.25	252	385261	28.14	ng	97
88) Benzo(k)fluoranthene	17.25	252	385261	36.03	ng	99
89) Benzo(a)pyrene	17.64	252	387597	33.93	ng	99
90) Dibenzo(a,h)anthracene	19.09	278	366976	32.39	ng	99
91) Benzo(g,h,i)perylene	19.46	276	368484	31.95	ng	97

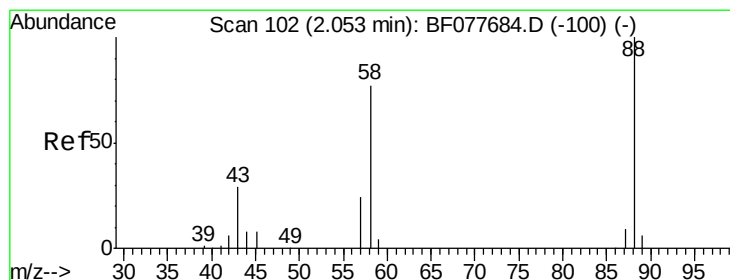
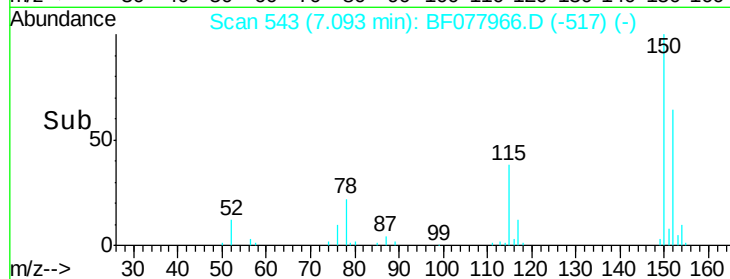
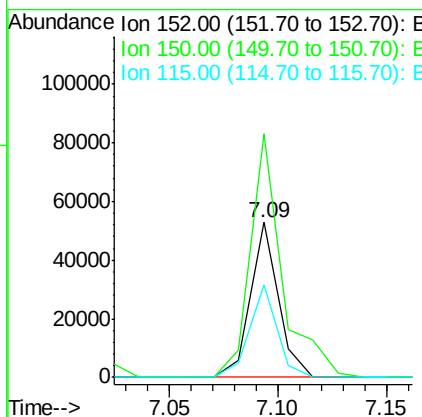
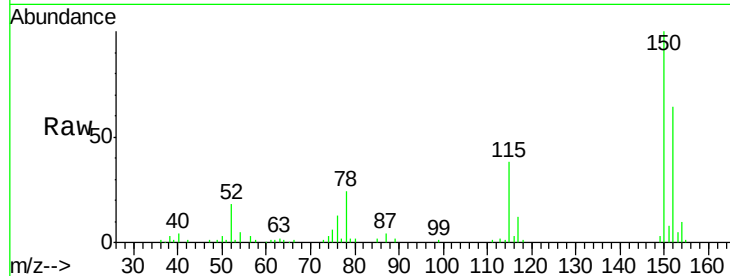
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

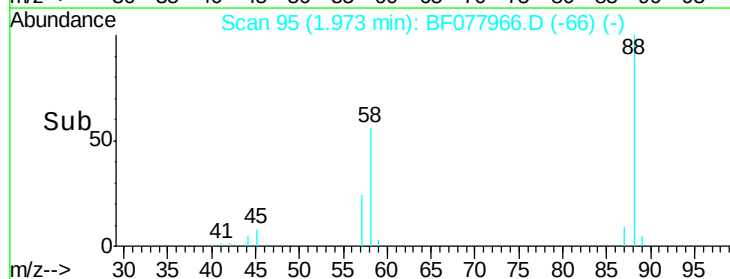
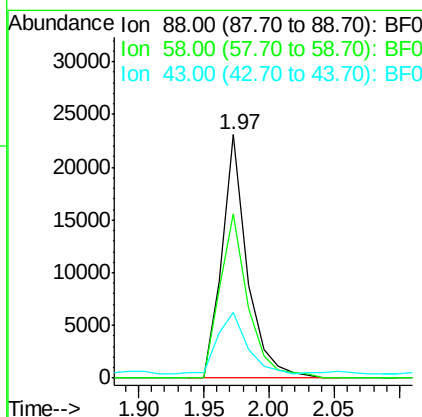
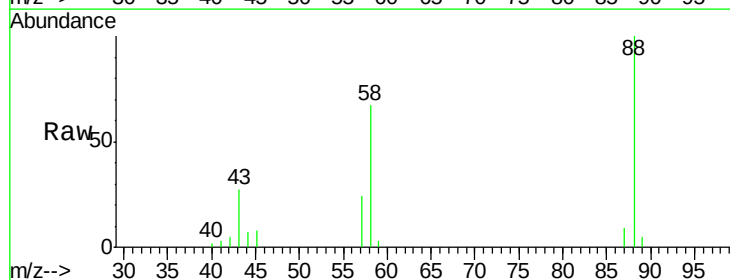
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

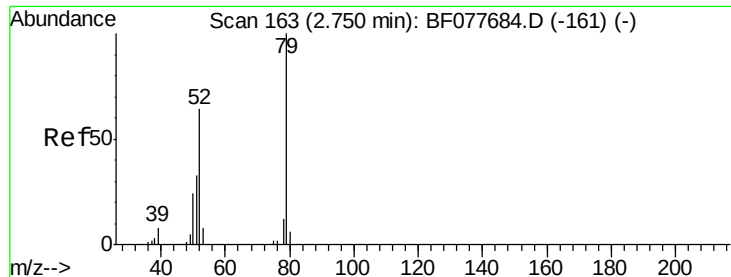
Tgt Ion:152 Resp: 46825
 Ion Ratio Lower Upper
 152 100
 150 157.4 119.5 179.3
 115 59.5 43.0 64.4



#2
 1,4-Dioxane
 Concen: 25.79 ng
 RT: 1.97 min Scan# 95
 Delta R.T. 0.03 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion: 88 Resp: 31410
 Ion Ratio Lower Upper
 88 100
 58 75.1 0.0 0.0#
 43 29.1 0.0 0.0#





#3

Pyridine

Concen: 27.46 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.03 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

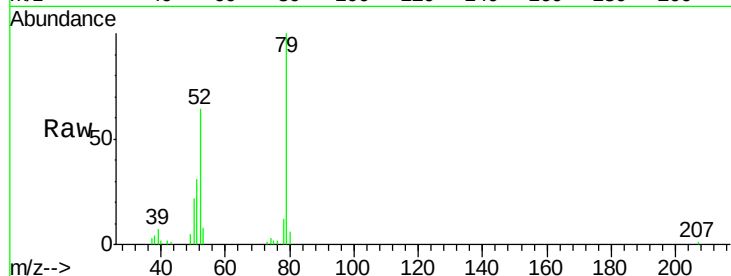
Tgt Ion: 79 Resp: 89870

Ion Ratio Lower Upper

79 100

52 64.1 51.1 76.7

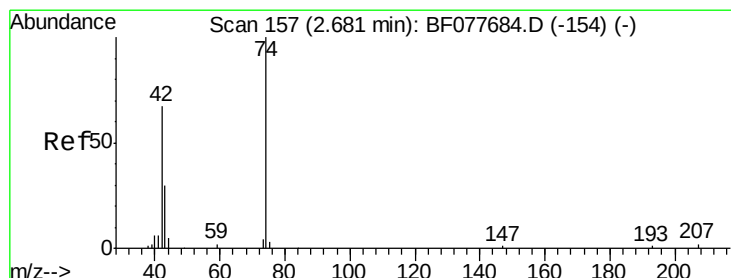
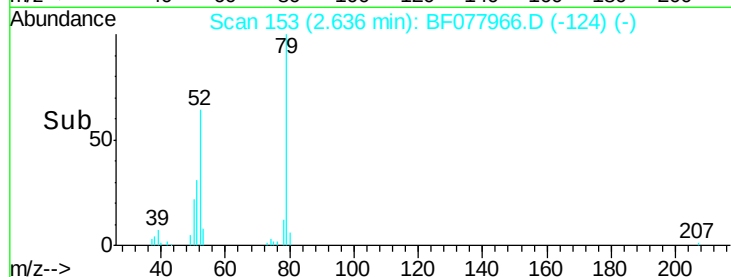
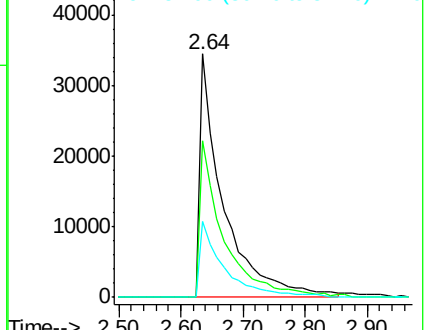
51 31.2 26.1 39.1



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: 29.23 ng

RT: 2.57 min Scan# 147

Delta R.T. 0.02 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

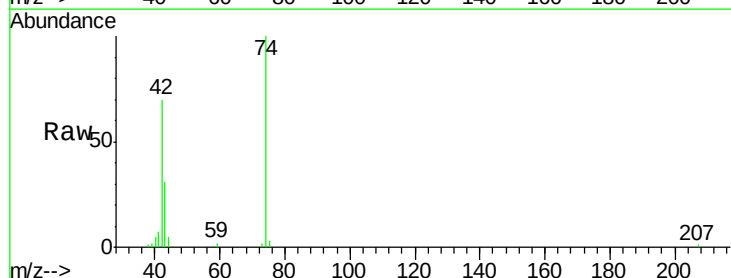
Tgt Ion: 42 Resp: 41647

Ion Ratio Lower Upper

42 100

74 142.9 119.3 178.9

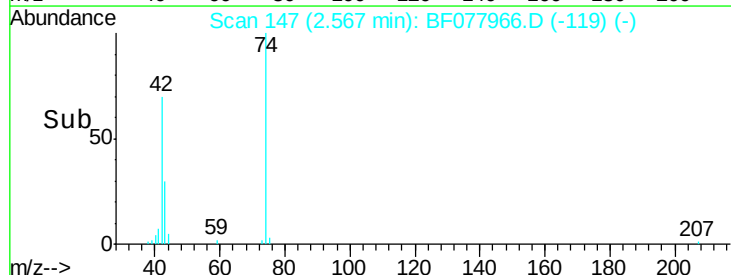
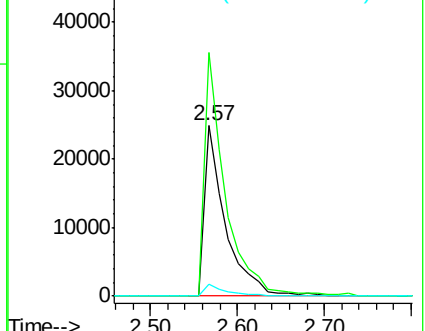
44 7.1 5.4 8.2

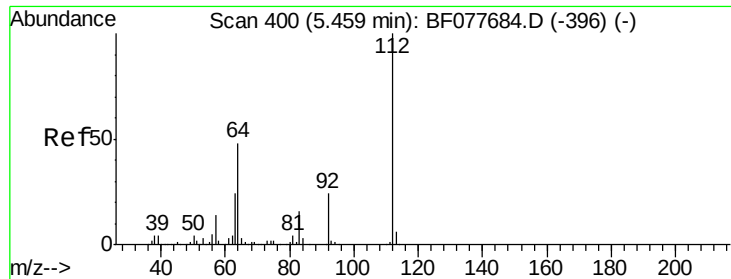


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.25 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

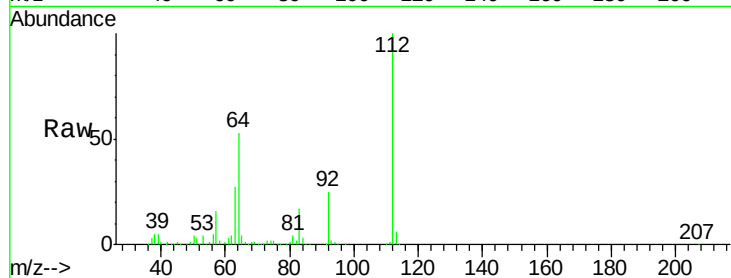
Tgt Ion: 112 Resp: 266236

Ion Ratio Lower Upper

112 100

64 53.2 38.6 57.8

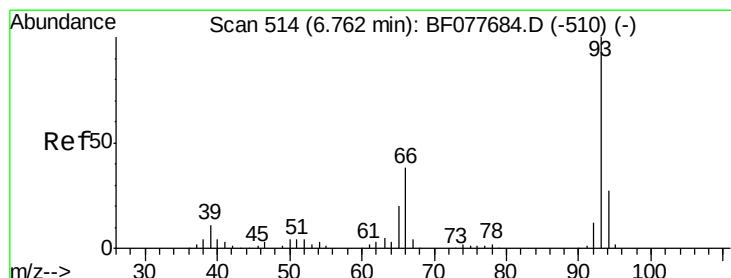
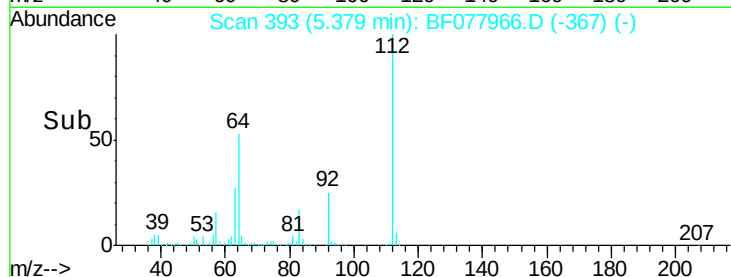
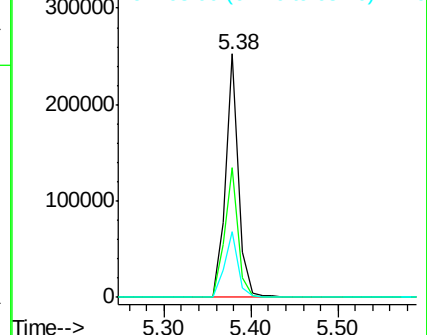
63 27.1 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.63 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

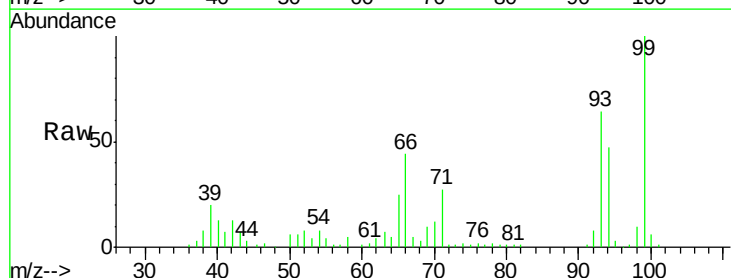
Tgt Ion: 93 Resp: 78857

Ion Ratio Lower Upper

93 100

66 68.5 30.8 46.2#

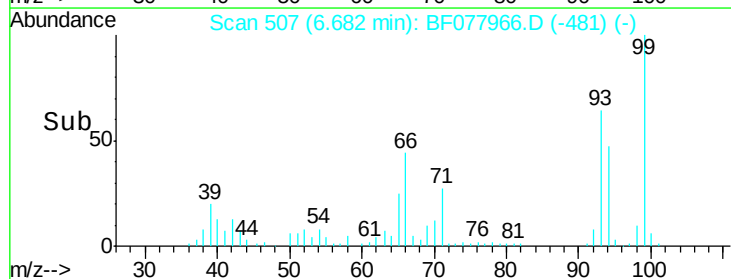
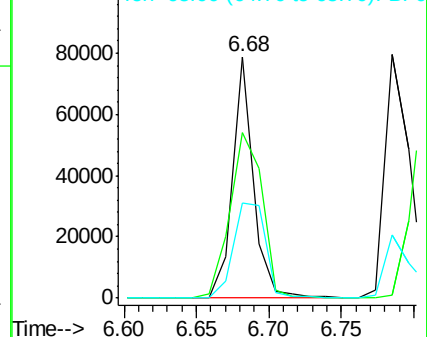
65 39.4 16.0 24.0#

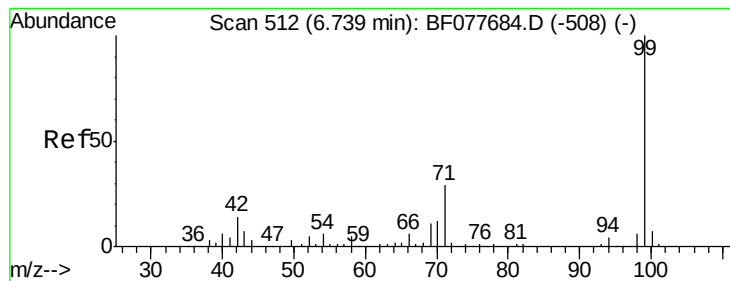


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.02 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

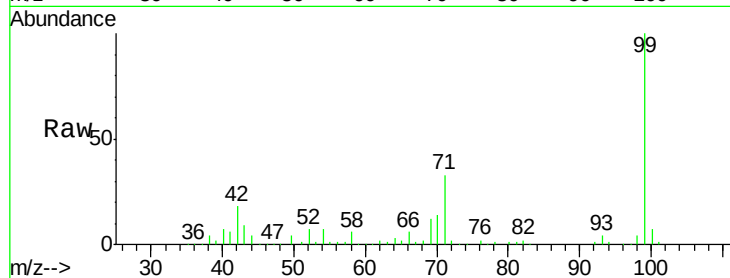
BNA_F

ClientSampleId :

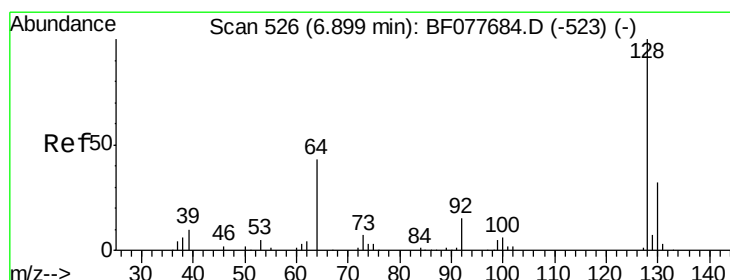
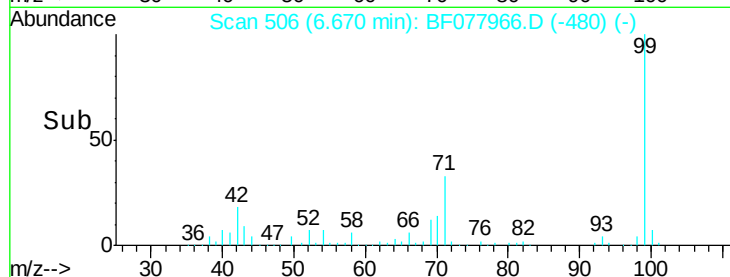
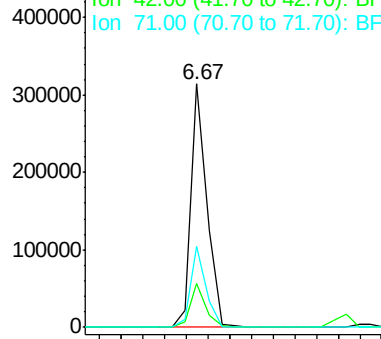
PB82320BSD

Tgt Ion: 99 Resp: 321563

Ion	Ratio	Lower	Upper
99	100		
42	18.2	11.0	16.4#
71	33.3	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)



#8

2-Chlorophenol

Concen: 33.31 ng

RT: 6.83 min Scan# 520

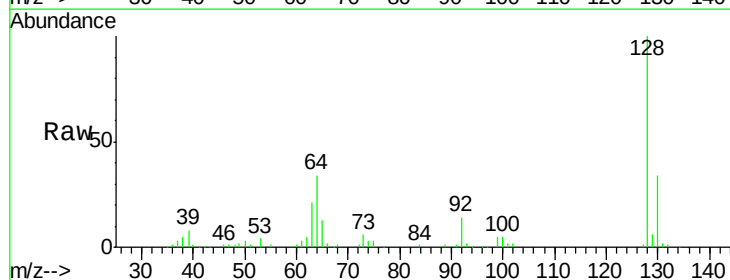
Delta R.T. 0.00 min

Lab File: BF077966.D

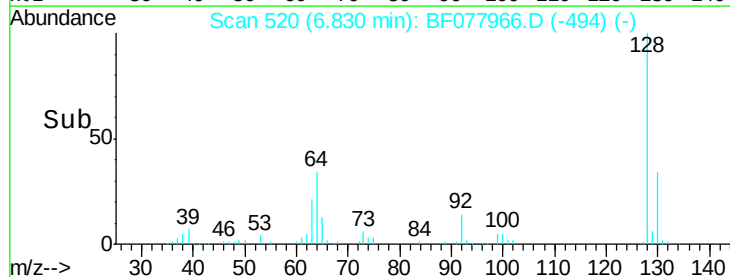
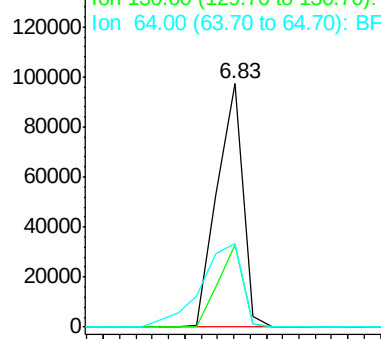
Acq: 25 Mar 2015 22:16

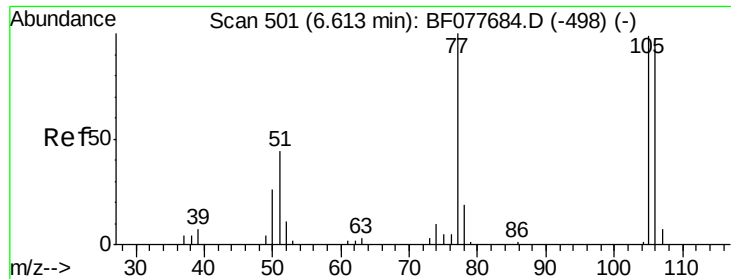
Tgt Ion: 128 Resp: 106348

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.0	52.0
64	34.5	24.9	64.9



Abundance Ion 128.00 (127.70 to 128.70): BF077684.D (-523) (-)





#9

Benzaldehyde

Concen: 3.52 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

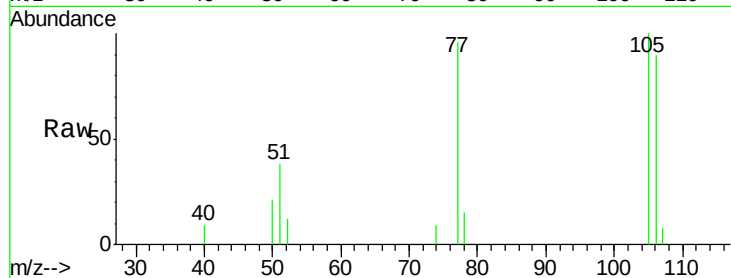
Tgt Ion: 77 Resp: 4784

Ion Ratio Lower Upper

77 100

105 104.2 78.8 118.8

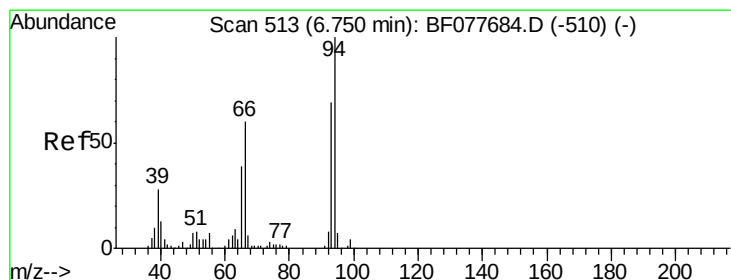
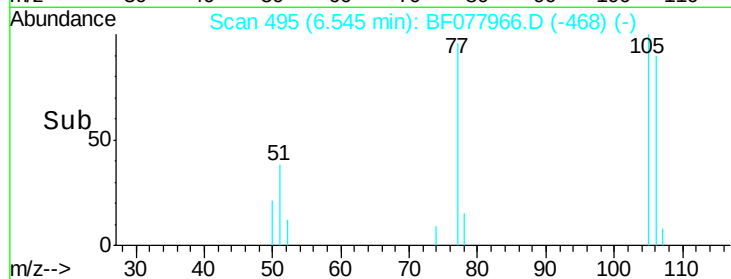
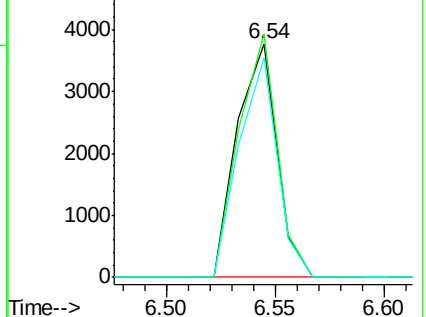
106 93.6 73.7 113.7



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: 32.89 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

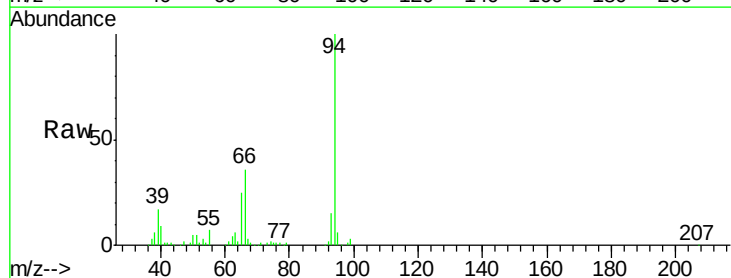
Tgt Ion: 94 Resp: 128856

Ion Ratio Lower Upper

94 100

65 25.4 18.8 58.8

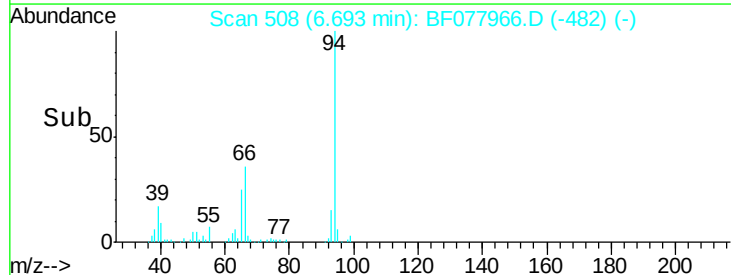
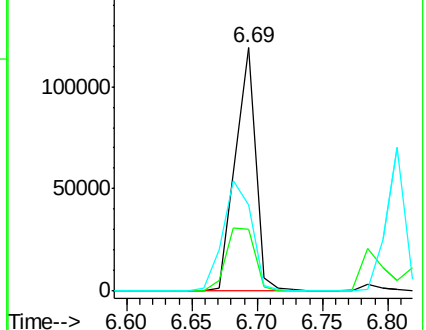
66 35.5 39.9 79.9#

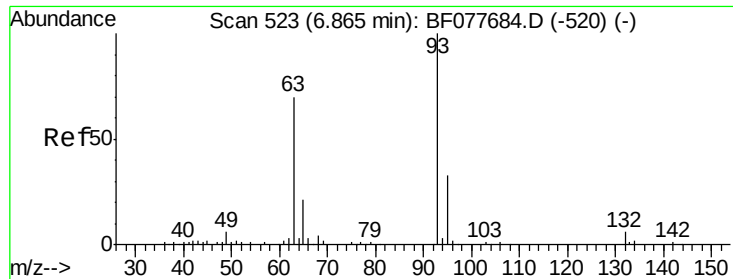


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

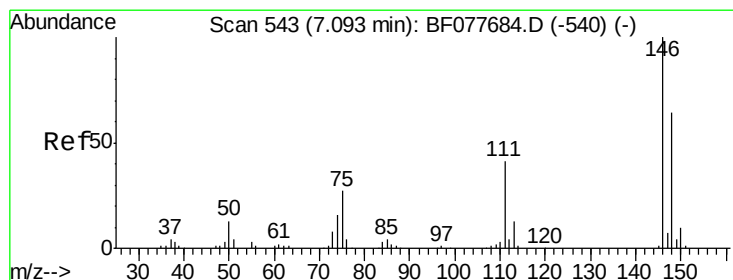
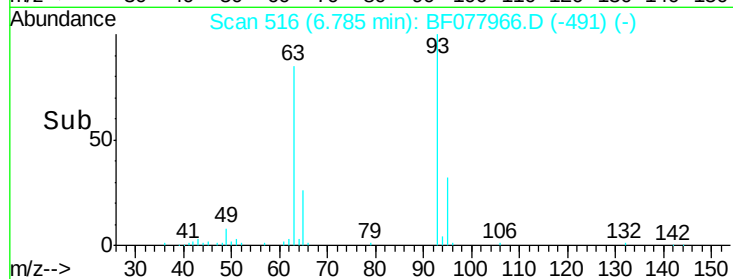
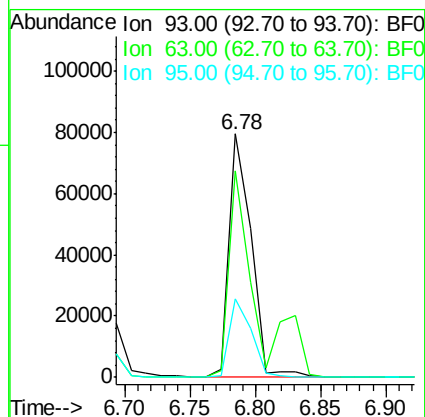
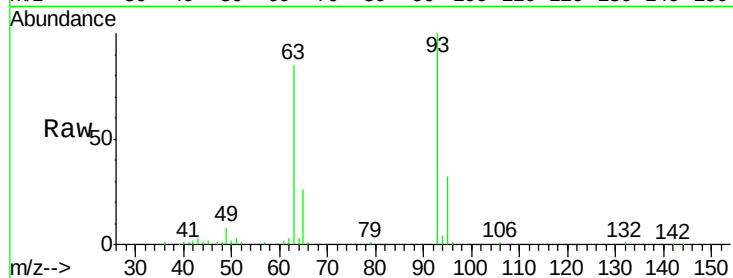




#11
bis(2-Chloroethyl)ether
Concen: 31.96 ng
RT: 6.78 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

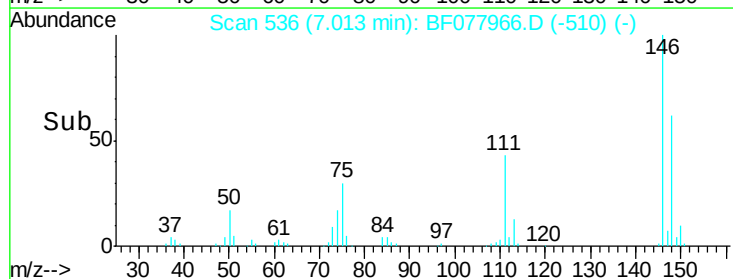
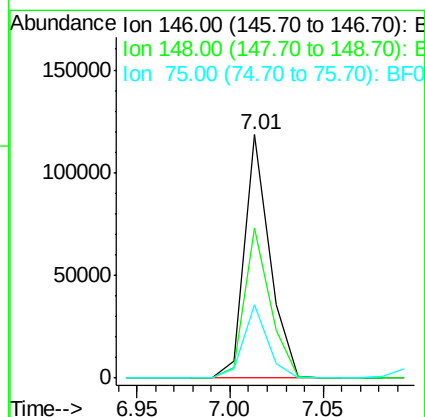
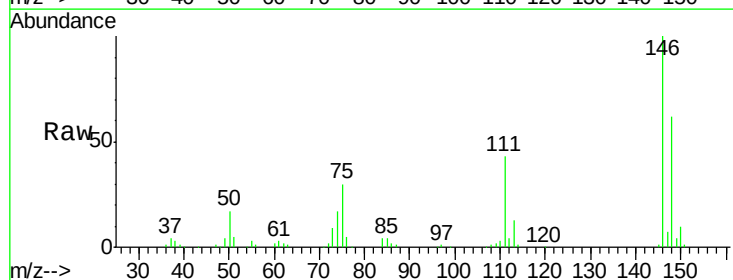
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

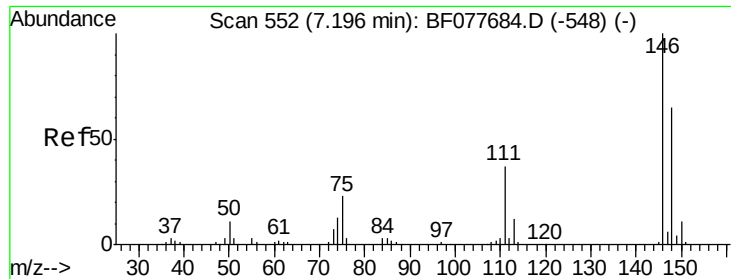
Tgt Ion: 93 Resp: 93776
Ion Ratio Lower Upper
93 100
63 84.9 49.5 89.5
95 32.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 31.49 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion: 146 Resp: 111846
Ion Ratio Lower Upper
146 100
148 61.9 50.9 76.3
75 30.2 21.4 32.2

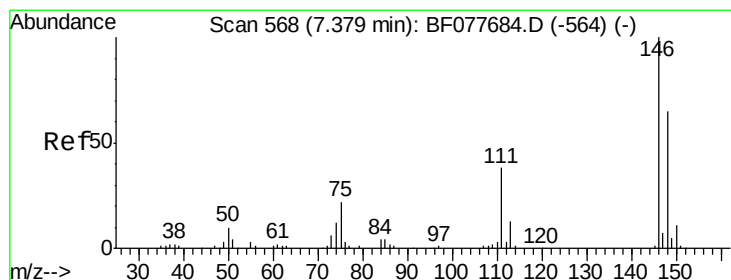
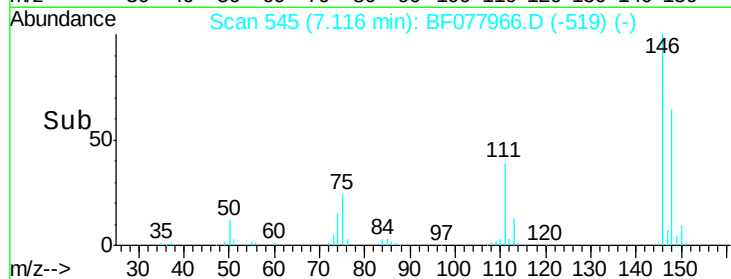
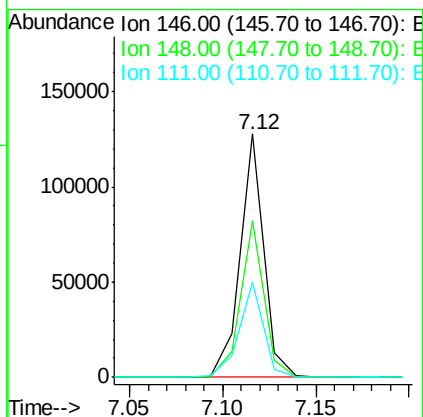
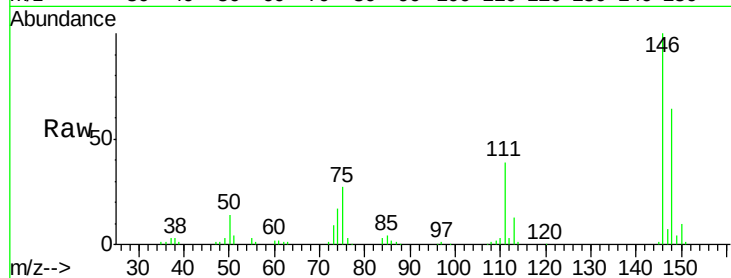




#13
 1,4-Dichlorobenzene
 Concen: 30.54 ng
 RT: 7.12 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

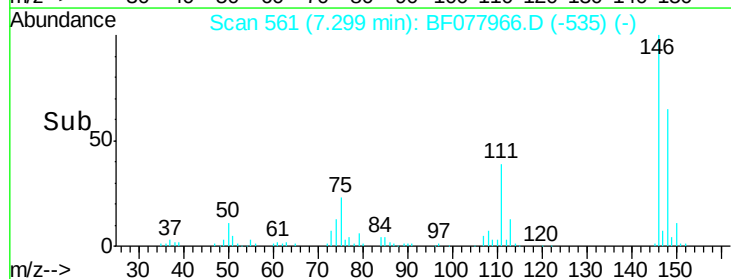
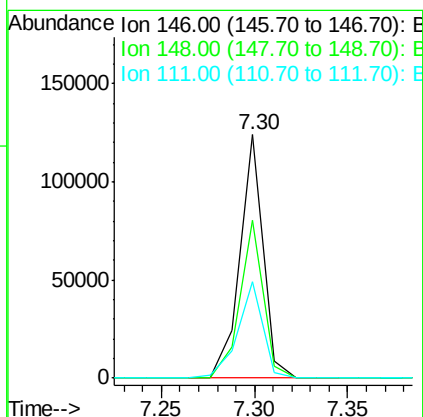
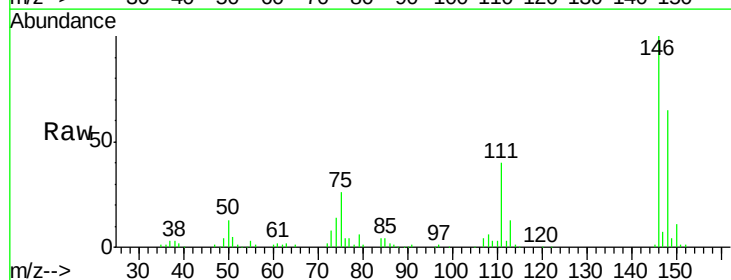
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

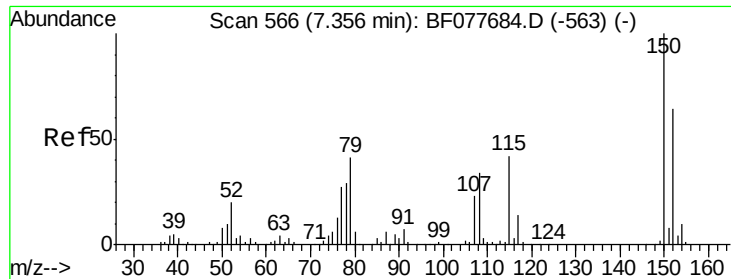
Tgt Ion:146 Resp: 112701
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 39.0 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 31.94 ng
 RT: 7.30 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion:146 Resp: 108056
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.3 78.5
 111 39.7 30.6 45.8

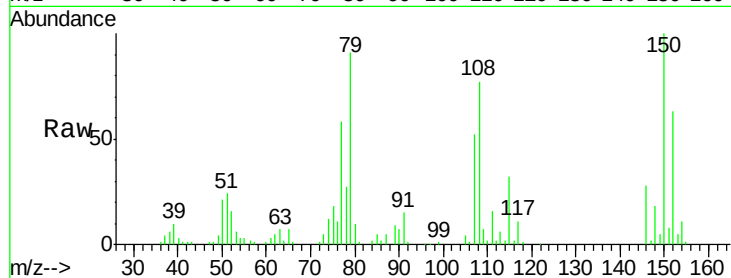




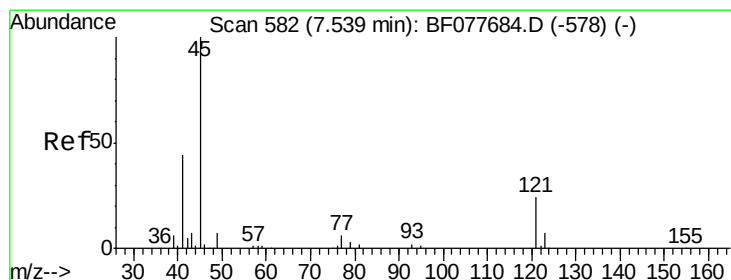
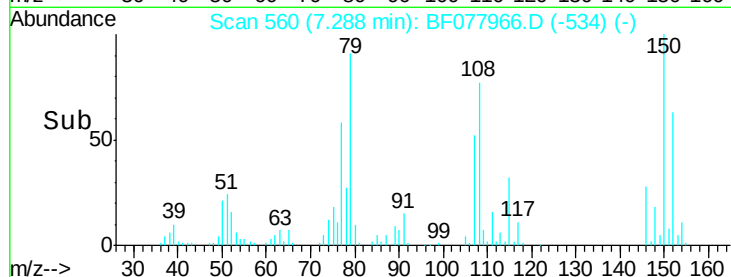
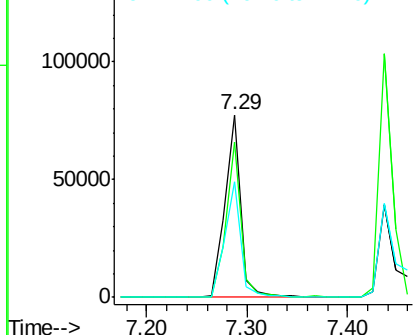
#15
Benzyl Alcohol
Concen: 32.78 ng
RT: 7.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion: 79 Resp: 84818
Ion Ratio Lower Upper
79 100
108 85.2 65.0 97.4
77 63.3 53.0 79.6

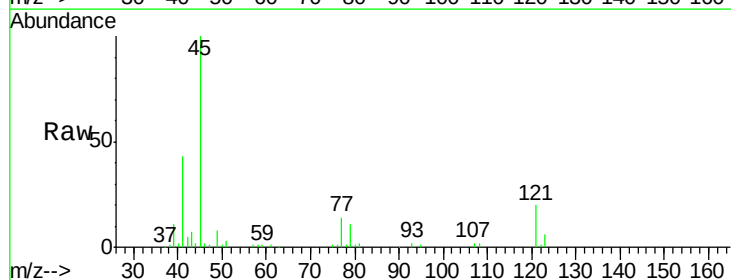


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

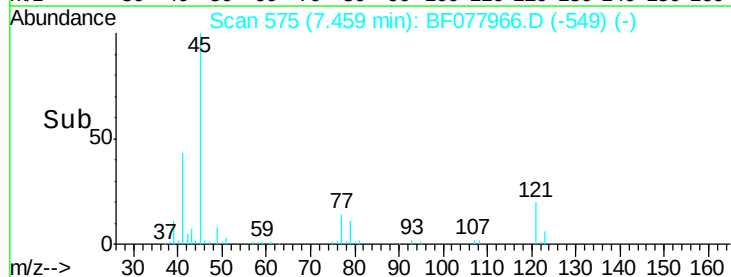
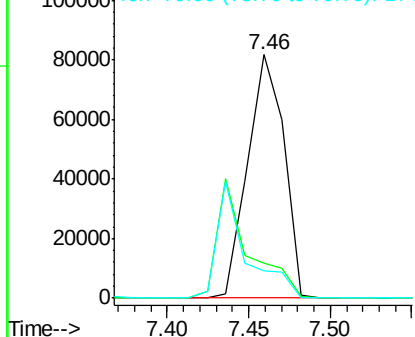


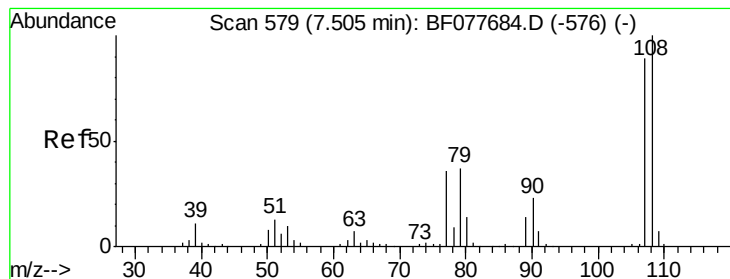
#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.74 ng
RT: 7.46 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion: 45 Resp: 125512
Ion Ratio Lower Upper
45 100
77 14.2 0.0 35.2
79 11.1 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: 32.65 ng

RT: 7.44 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

Tgt Ion:107 Resp: 84870

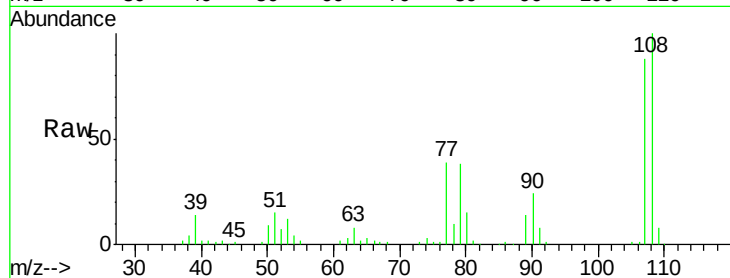
Ion Ratio Lower Upper

107 100

108 113.1 89.8 134.8

77 43.7 32.6 48.8

79 43.2 32.8 49.2

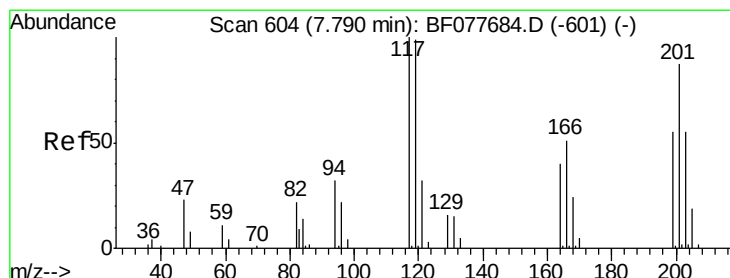
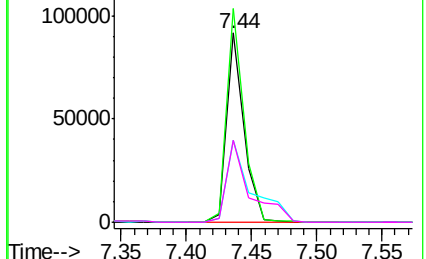
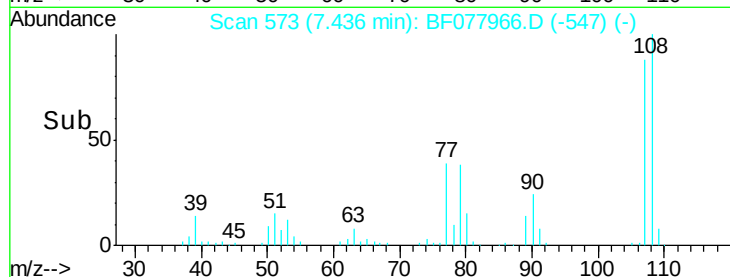


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.00 ng

RT: 7.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

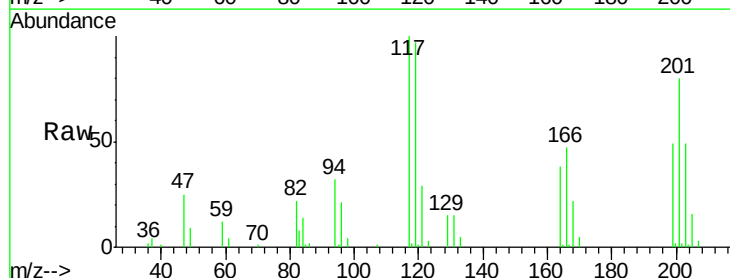
Tgt Ion:117 Resp: 37513

Ion Ratio Lower Upper

117 100

119 97.1 79.2 118.8

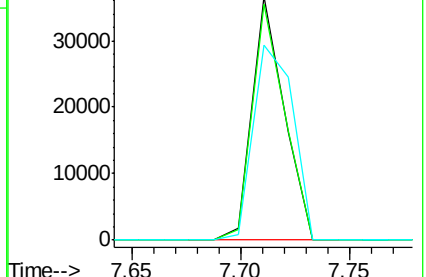
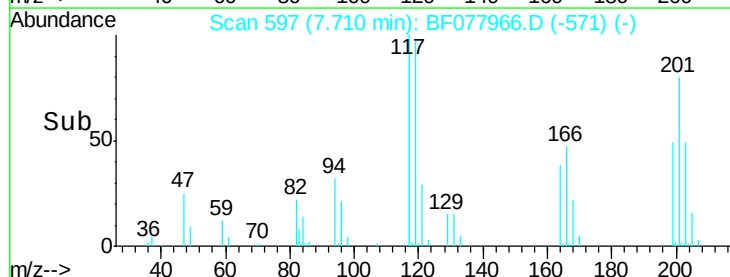
201 79.9 69.8 104.6

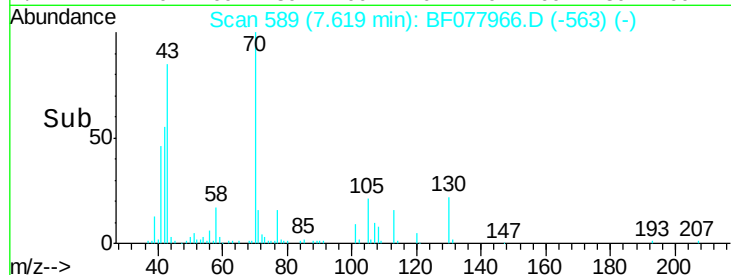
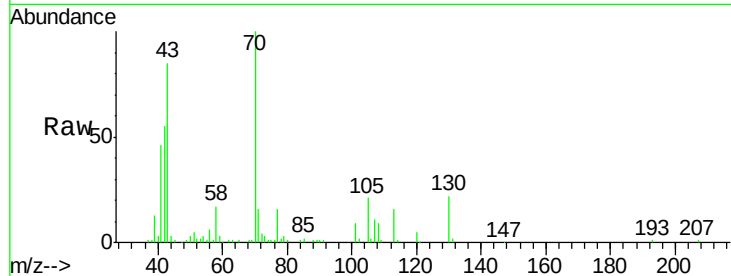
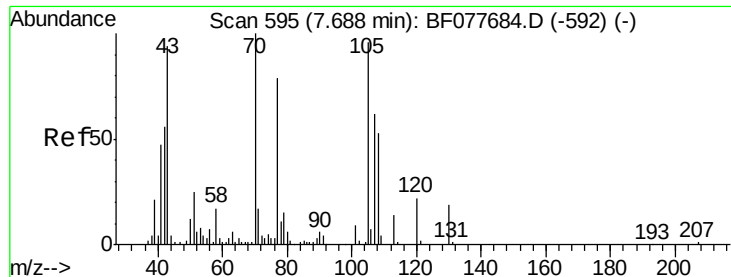


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

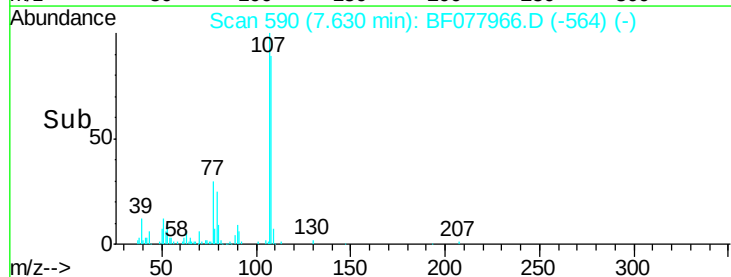
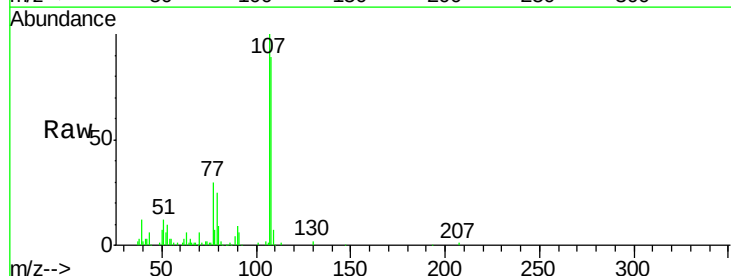
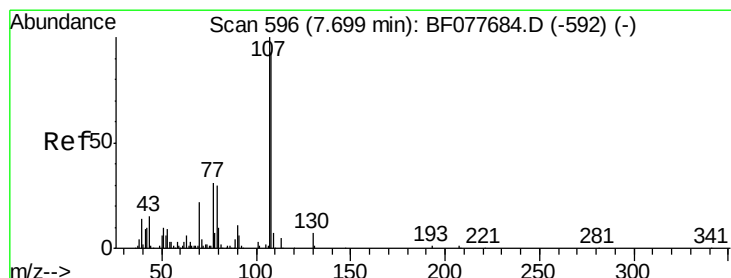
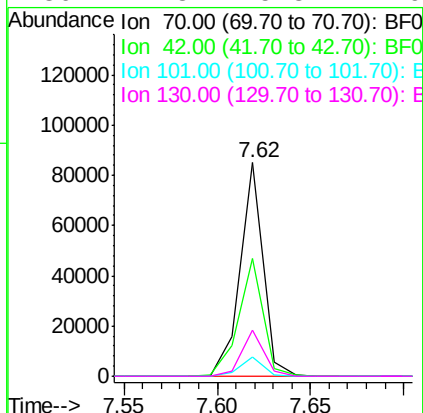




#19
n-Nitroso-di-n-propylamine
Concen: 32.04 ng
RT: 7.62 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

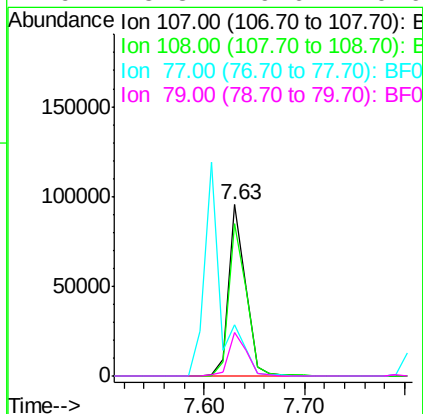
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

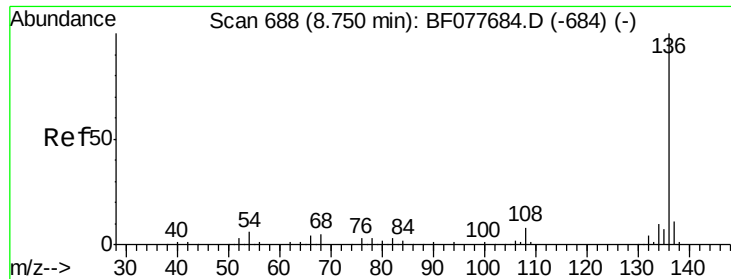
Tgt Ion:	70	Resp:	73456
Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.5	66.7
101	9.1	7.4	11.2
130	21.8	15.3	22.9



#20
3+4-Methylphenols
Concen: 32.86 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:	107	Resp:	112091
Ion	Ratio	Lower	Upper
107	100		
108	88.7	73.2	113.2
77	30.0	10.7	50.7
79	25.3	9.6	49.6

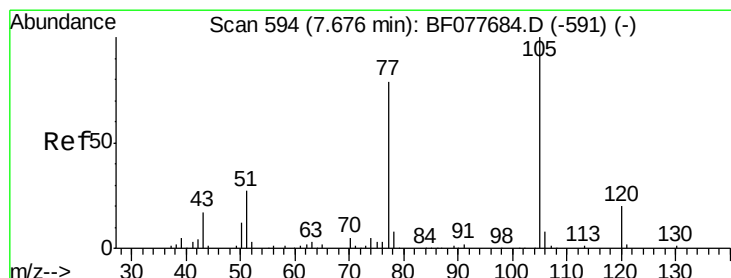
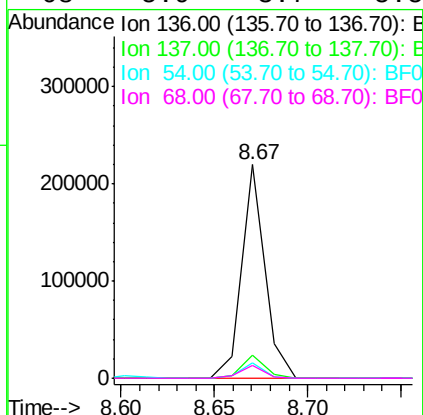
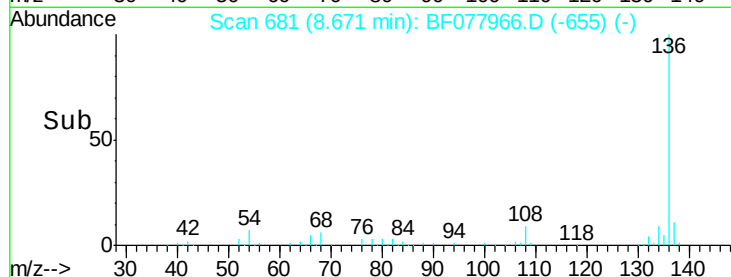
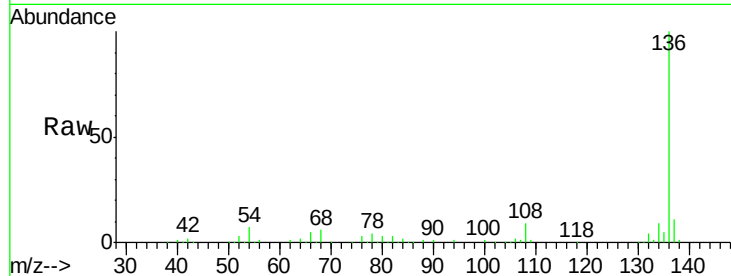




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

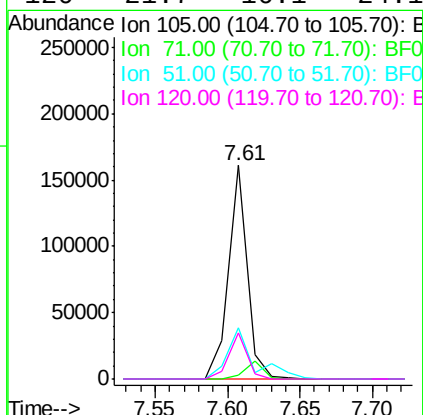
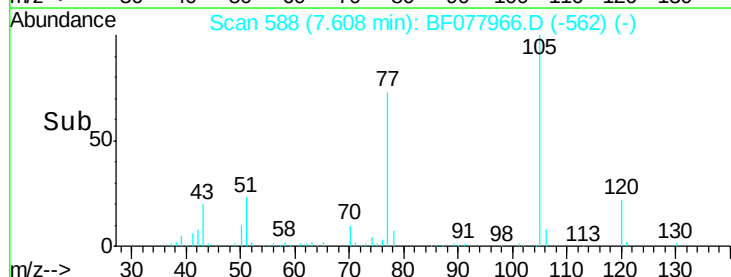
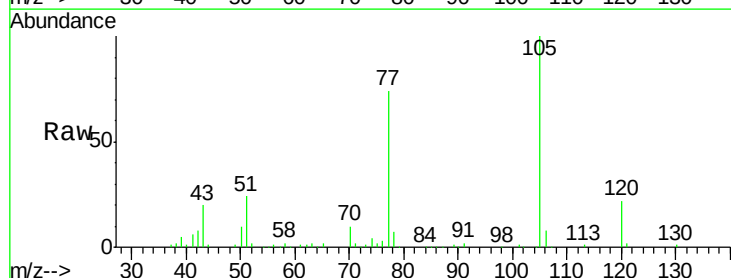
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

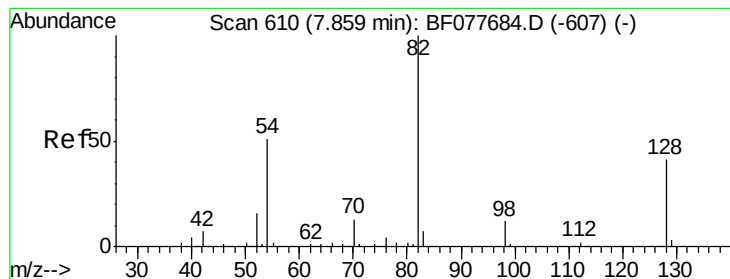
Tgt Ion:	136	Resp:	191008
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.2	4.6	6.8#
68	5.9	3.7	5.5#



#22
Acetophenone
Concen: 34.22 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:	105	Resp:	144684
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.6	1.0#
51	23.7	21.6	32.4
120	21.7	16.1	24.1





#23

Nitrobenzene-d5

Concen: 66.31 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

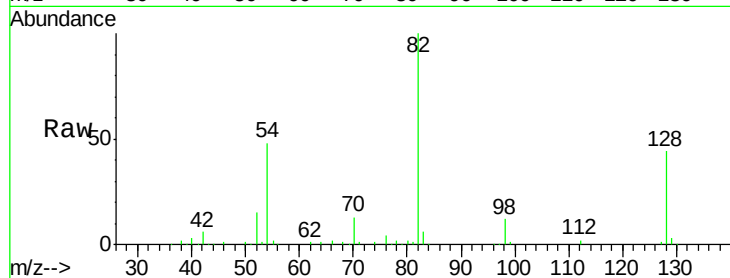
Tgt Ion: 82 Resp: 193233

Ion Ratio Lower Upper

82 100

128 44.4 32.8 49.2

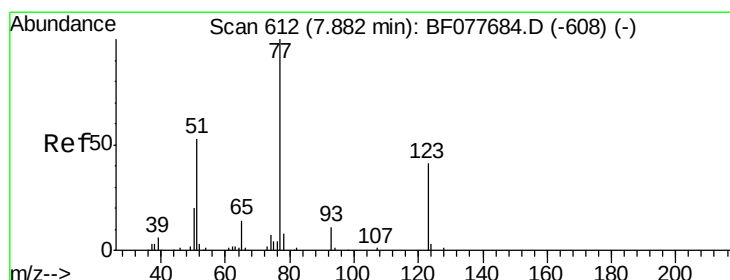
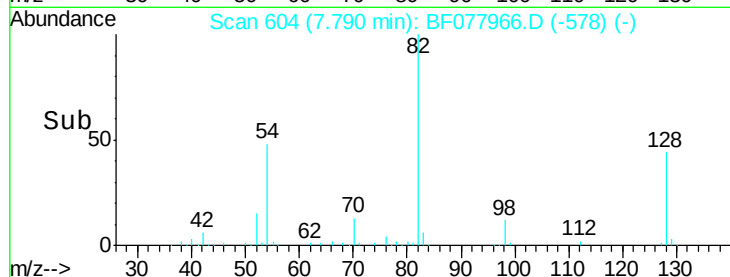
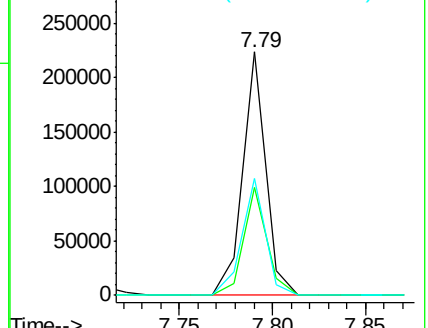
54 48.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.19 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

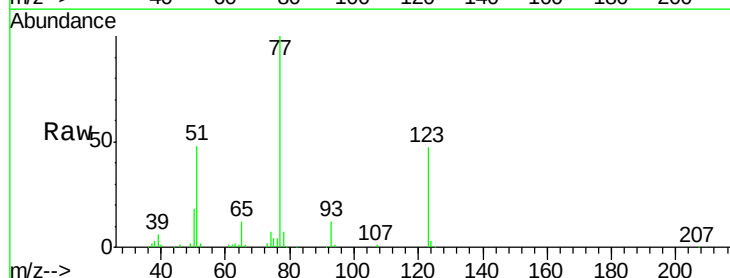
Tgt Ion: 77 Resp: 107328

Ion Ratio Lower Upper

77 100

123 46.6 32.6 49.0

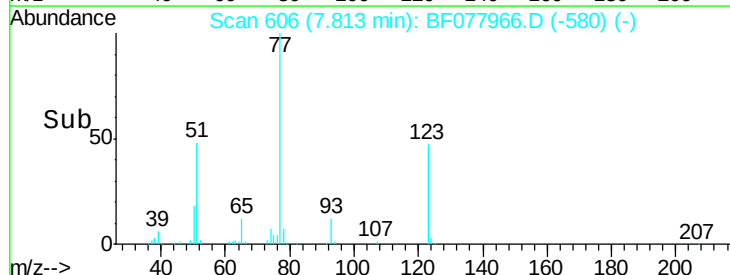
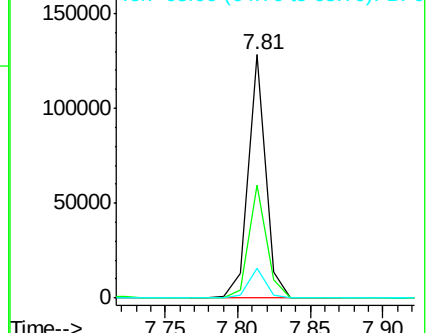
65 12.3 10.9 16.3

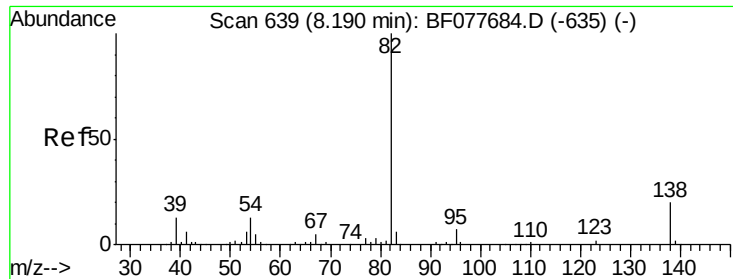


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.43 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

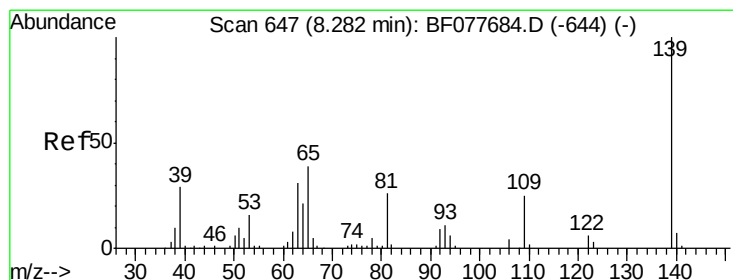
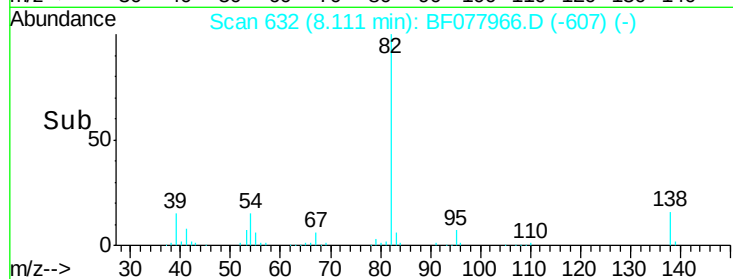
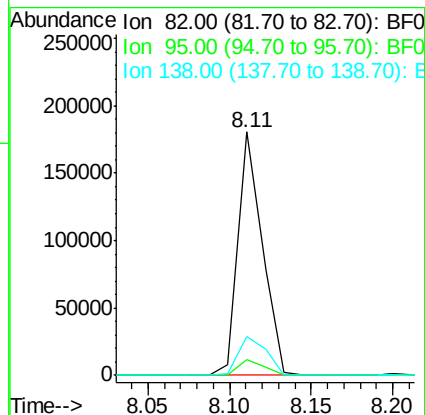
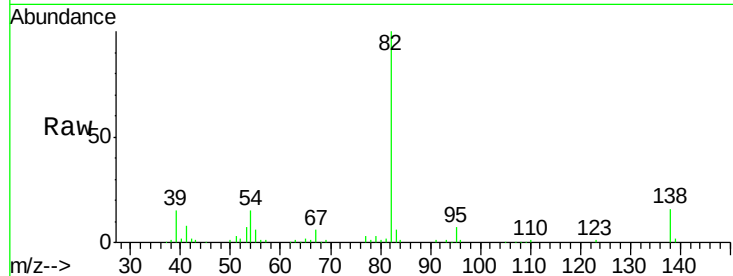
Tgt Ion: 82 Resp: 184955

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

138 16.0 16.3 24.5#



#26

2-Nitrophenol

Concen: 32.61 ng

RT: 8.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

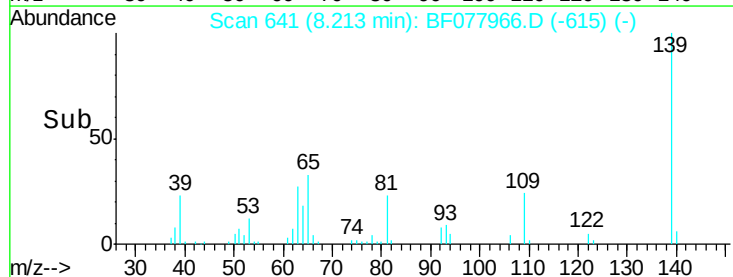
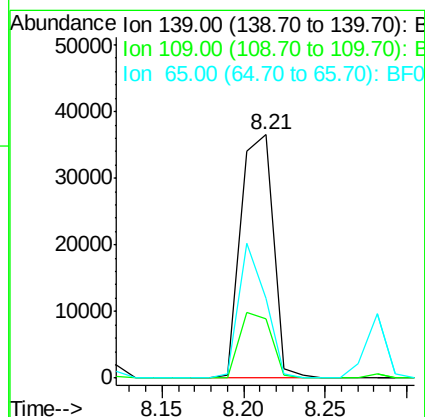
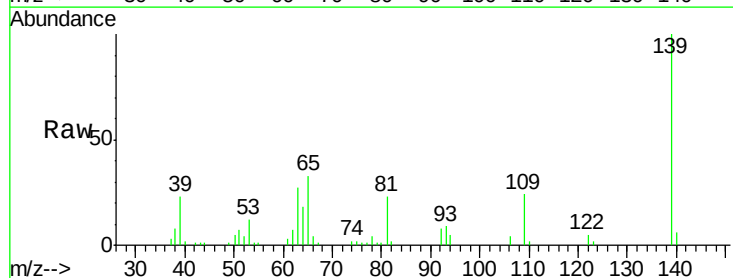
Tgt Ion: 139 Resp: 50119

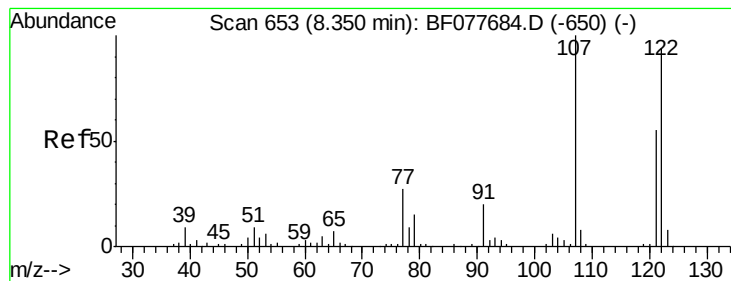
Ion Ratio Lower Upper

139 100

109 24.3 20.1 30.1

65 32.7 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 34.84 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

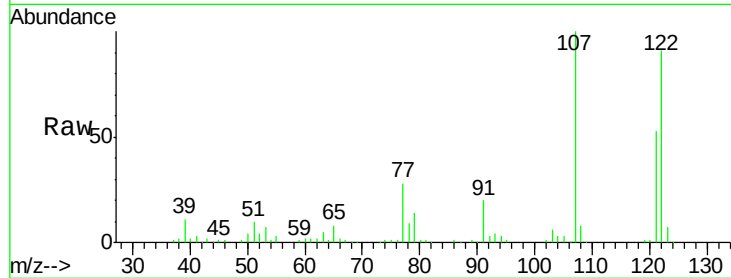
Tgt Ion:122 Resp: 97554

Ion Ratio Lower Upper

122 100

107 110.0 84.7 127.1

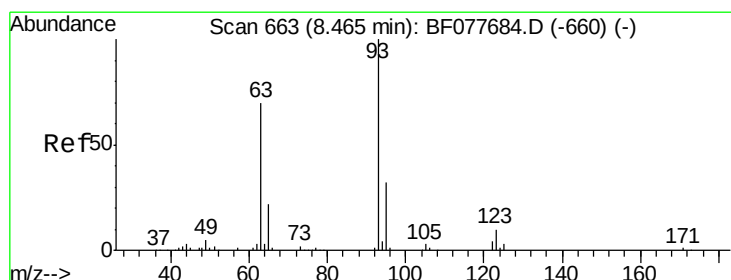
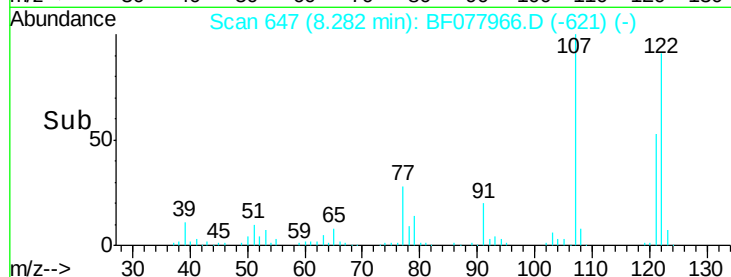
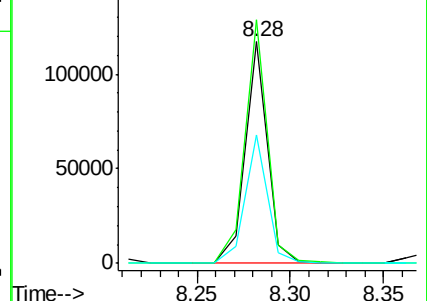
121 58.0 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.42 ng

RT: 8.40 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

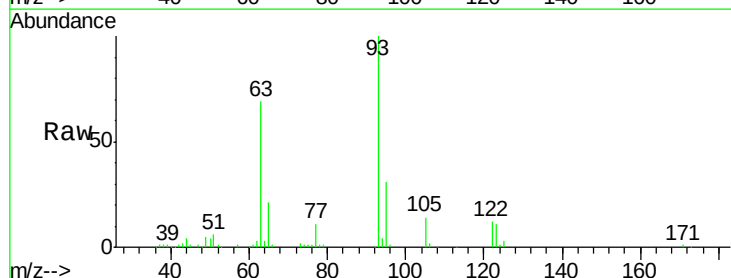
Tgt Ion: 93 Resp: 119355

Ion Ratio Lower Upper

93 100

95 31.1 25.5 38.3

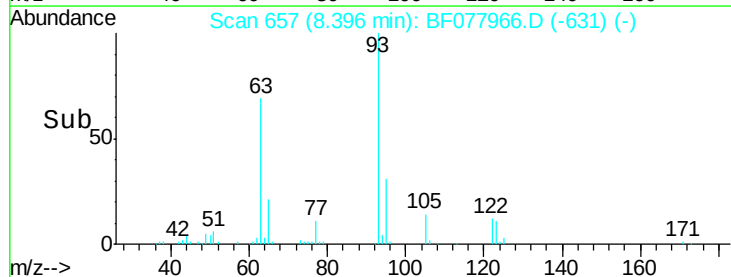
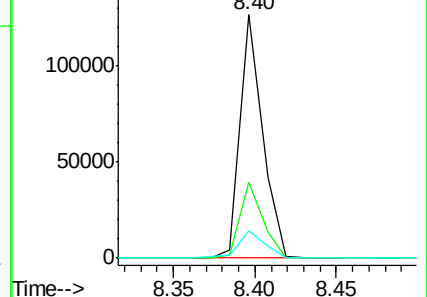
123 11.0 8.6 13.0

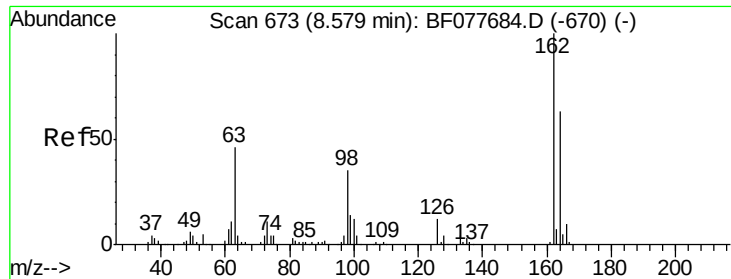


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

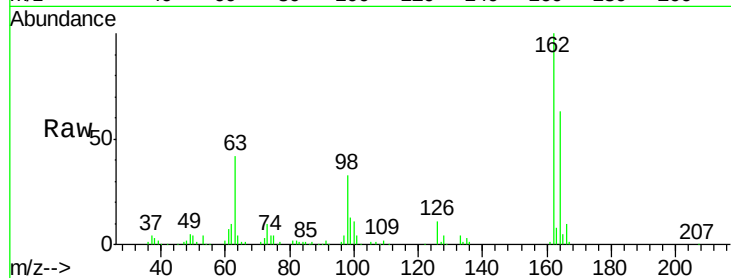




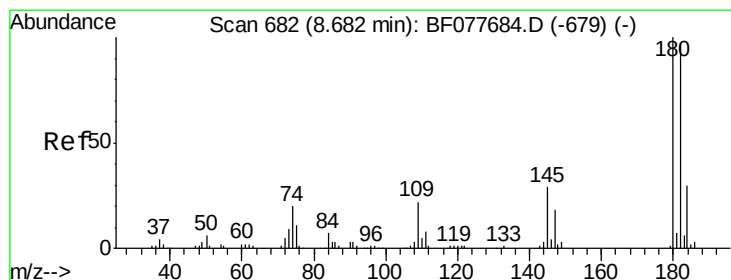
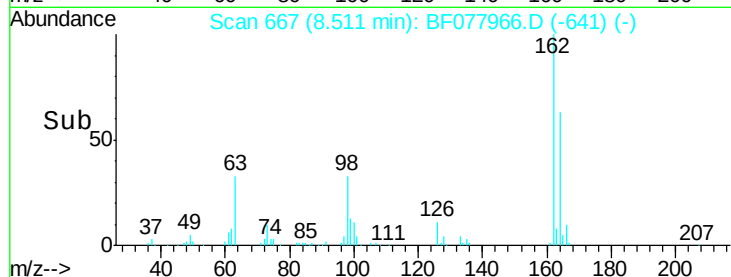
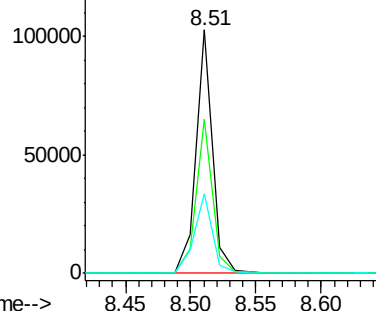
#29
2,4-Dichlorophenol
Concen: 34.34 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:162 Resp: 91639
Ion Ratio Lower Upper
162 100
164 63.4 42.8 82.8
98 33.0 14.5 54.5

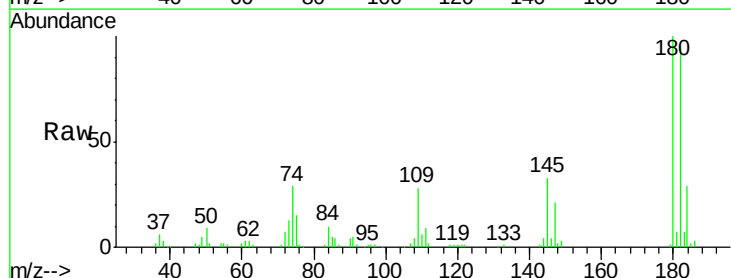


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

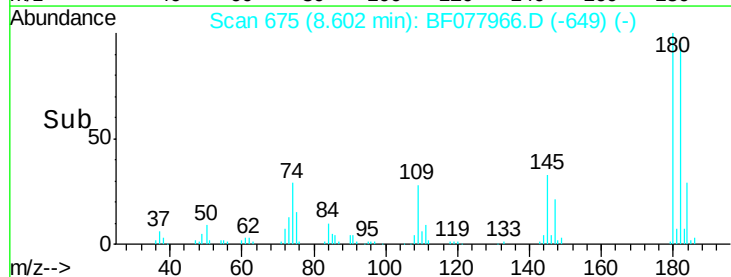
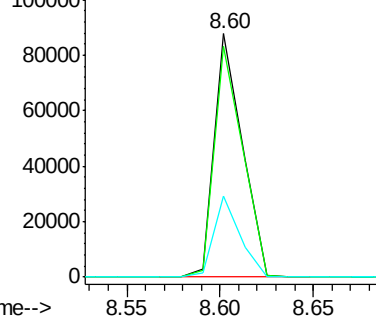


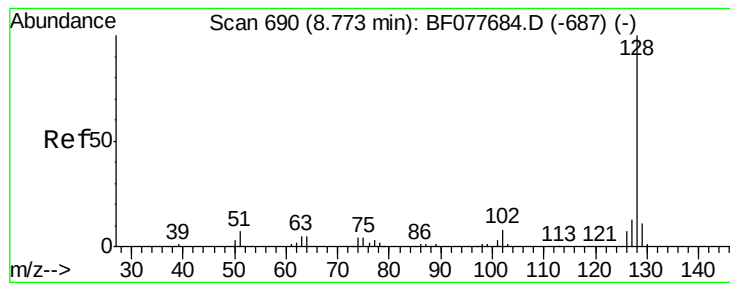
#30
1,2,4-Trichlorobenzene
Concen: 30.68 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:180 Resp: 91625
Ion Ratio Lower Upper
180 100
182 94.9 77.6 116.4
145 33.0 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: 30.76 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

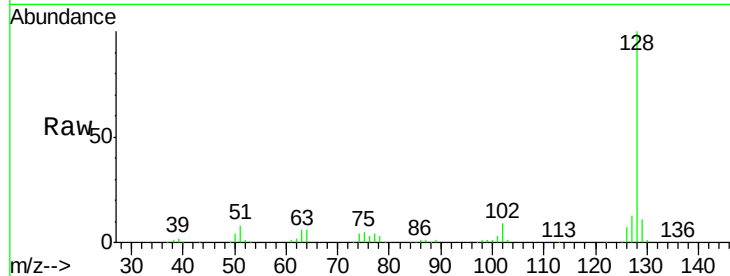
Tgt Ion:128 Resp: 301719

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

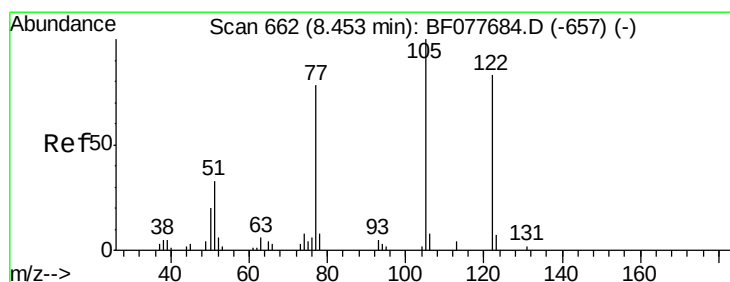
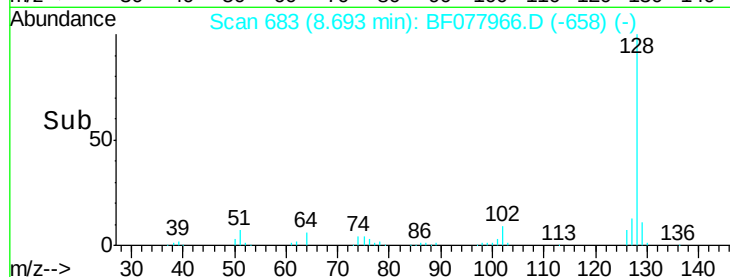
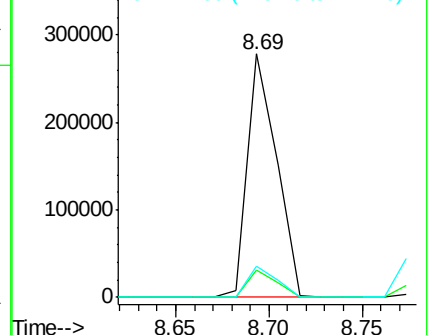
127 12.9 10.4 15.6



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: 26.87 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

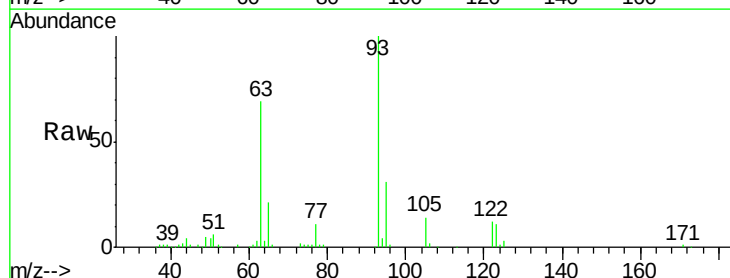
Tgt Ion:122 Resp: 39697

Ion Ratio Lower Upper

122 100

105 123.4 99.9 139.9

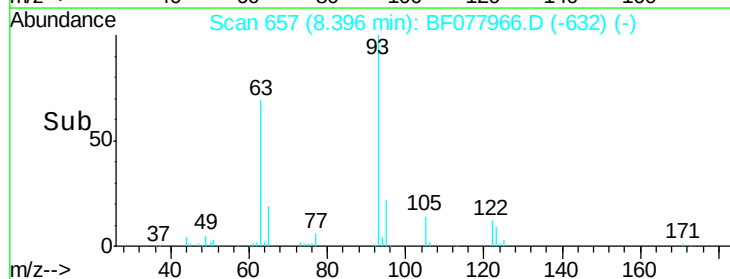
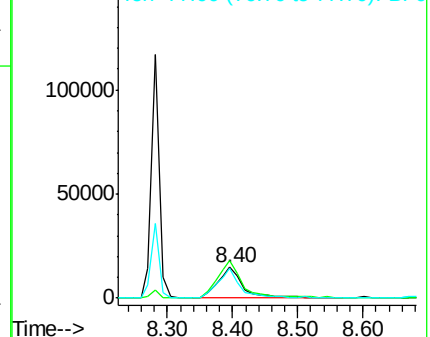
77 97.1 73.7 113.7

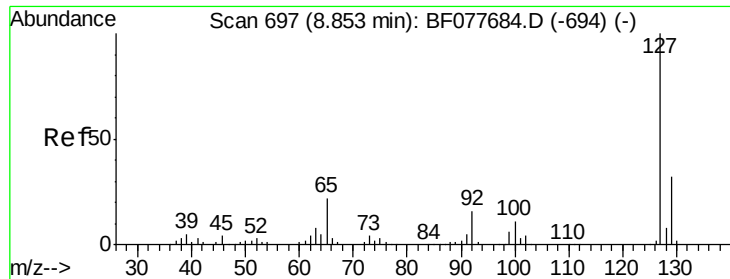


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

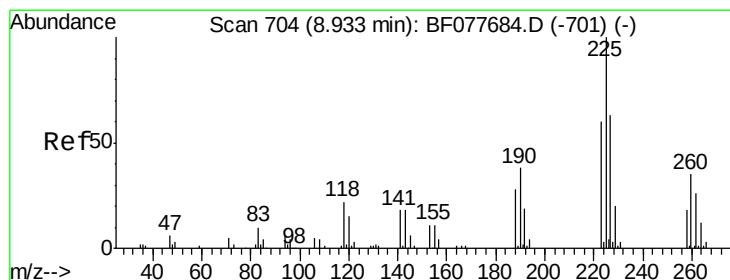
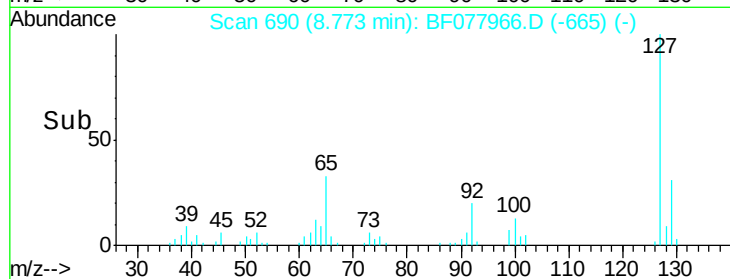
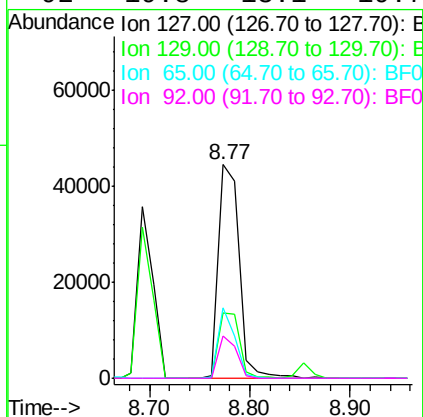
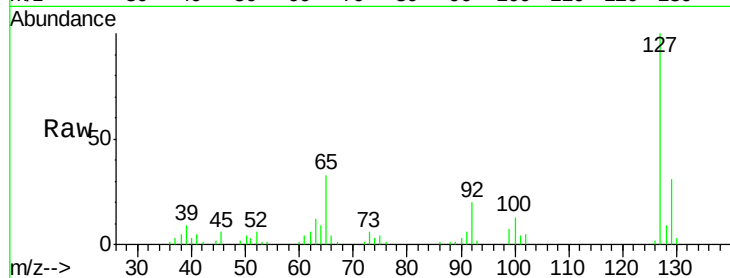




#33
4-Chloroaniline
Concen: 16.11 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

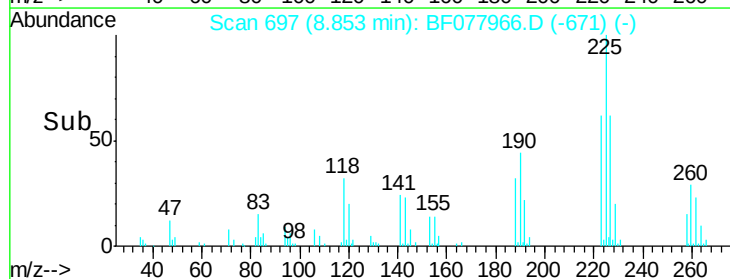
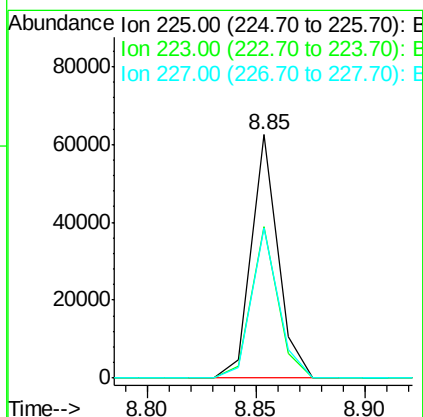
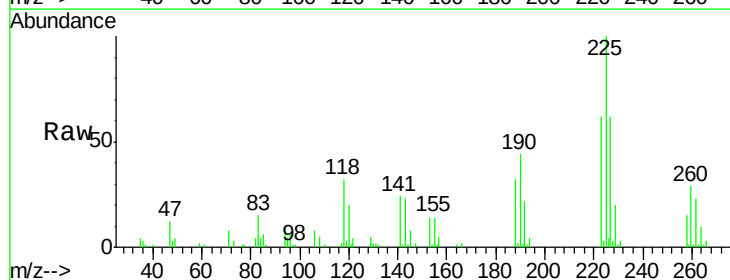
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

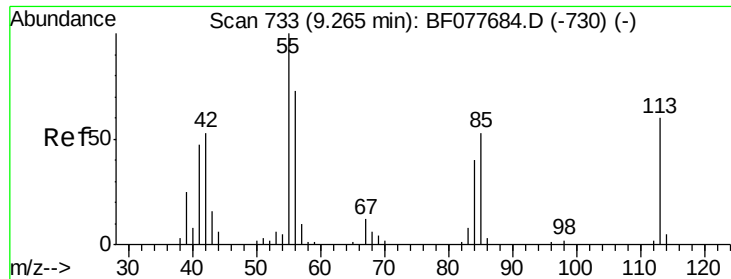
Tgt Ion:	127	Resp:	64139
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9
65	33.1	17.6	26.4#
92	19.8	13.1	19.7#



#34
Hexachlorobutadiene
Concen: 31.61 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:	225	Resp:	53495
Ion	Ratio	Lower	Upper
225	100		
223	62.2	47.9	71.9
227	61.7	50.1	75.1

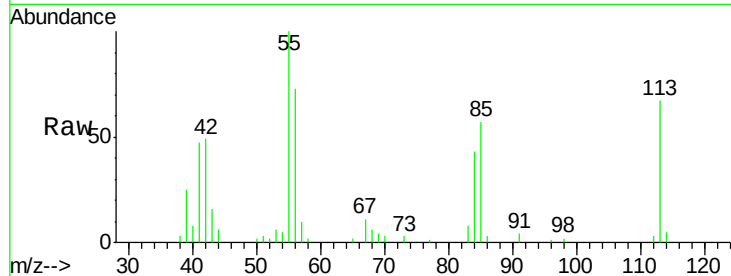




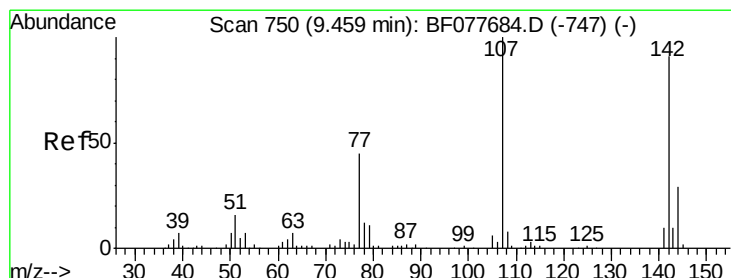
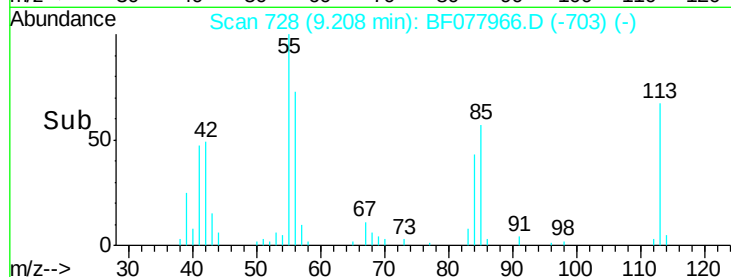
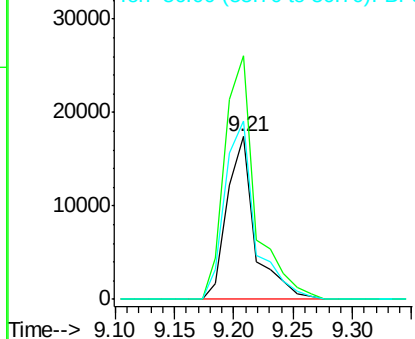
#35
 Caprolactam
 Concen: 36.41 ng
 RT: 9.21 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:113 Resp: 28396
 Ion Ratio Lower Upper
 113 100
 55 149.9 145.9 185.9
 56 110.1 101.0 141.0

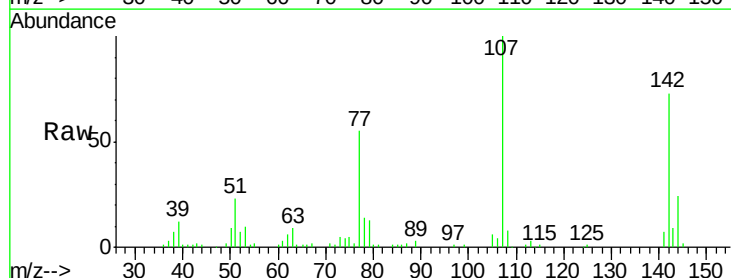


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

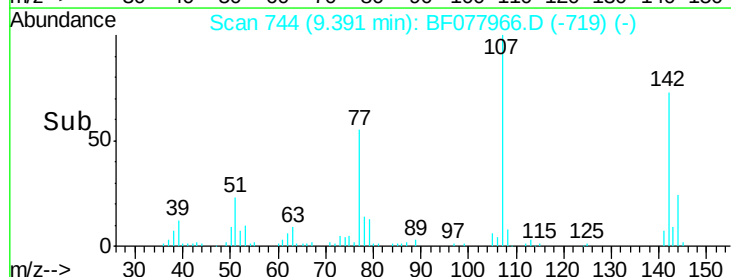
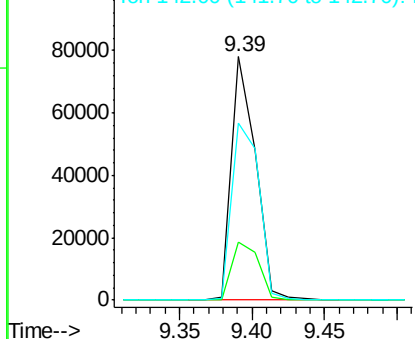


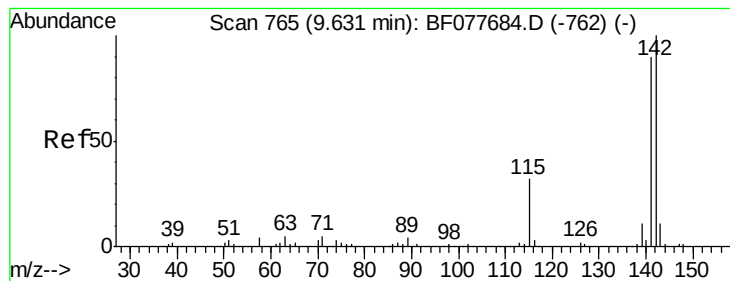
#36
 4-Chloro-3-methylphenol
 Concen: 33.57 ng
 RT: 9.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion:107 Resp: 90152
 Ion Ratio Lower Upper
 107 100
 144 23.6 23.3 34.9
 142 72.9 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: 32.19 ng

RT: 9.56 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

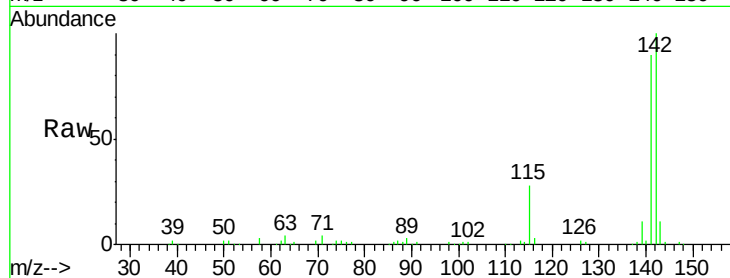
Tgt Ion:142 Resp: 212130

Ion Ratio Lower Upper

142 100

141 90.0 71.9 107.9

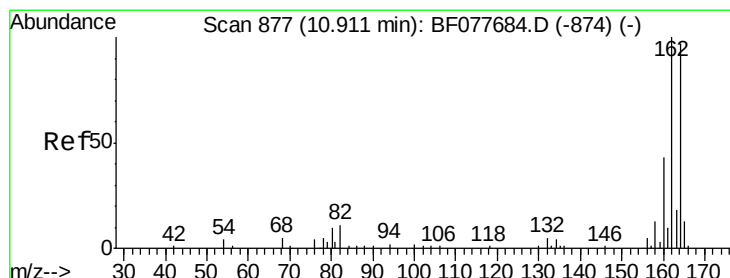
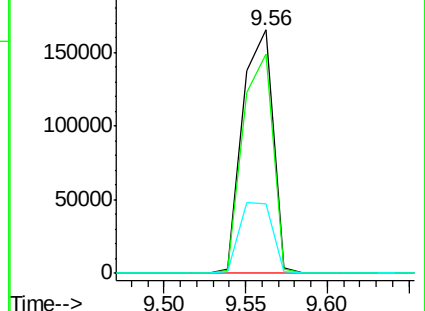
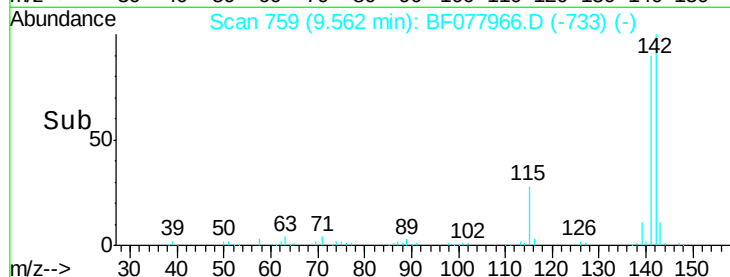
115 28.4 25.4 38.0



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: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

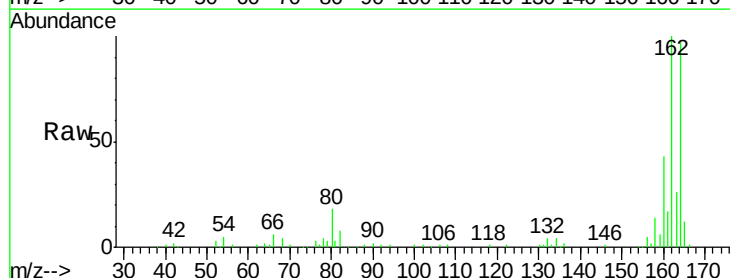
Tgt Ion:164 Resp: 97985

Ion Ratio Lower Upper

164 100

162 103.5 82.4 123.6

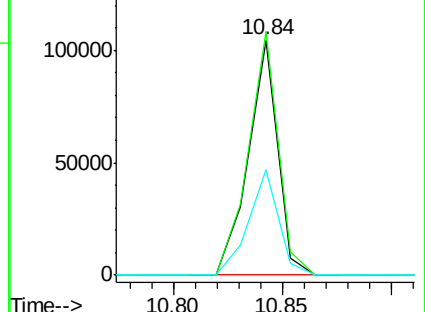
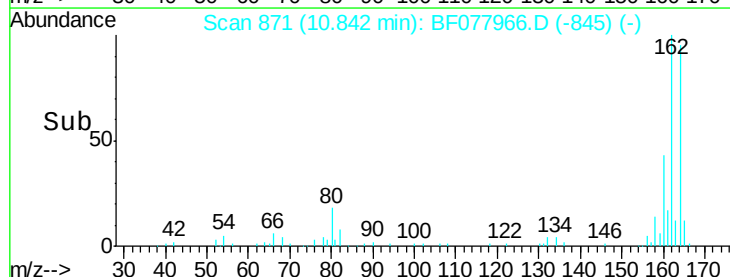
160 44.7 35.8 53.6

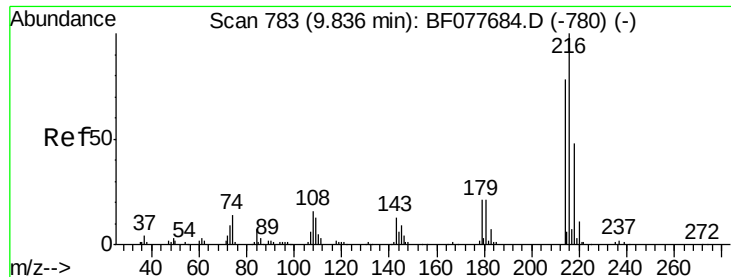


Abundance Ion 164.00 (163.70 to 164.70): E

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: 30.52 ng

RT: 9.77 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

Tgt Ion:216 Resp: 89208

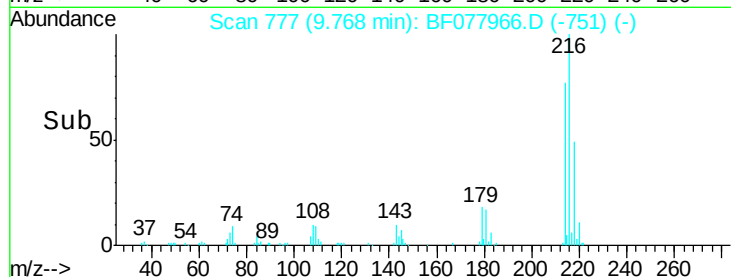
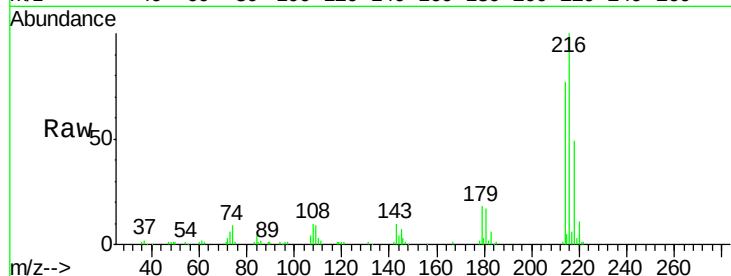
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

179 21.7 0.0 0.0#

108 20.4 0.0 0.0#

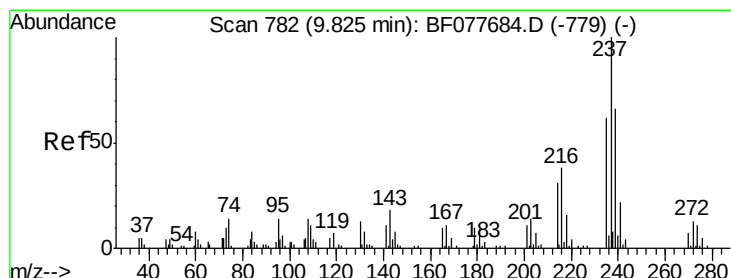
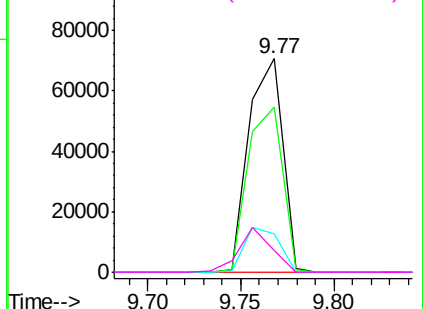


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.51 ng

RT: 9.74 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

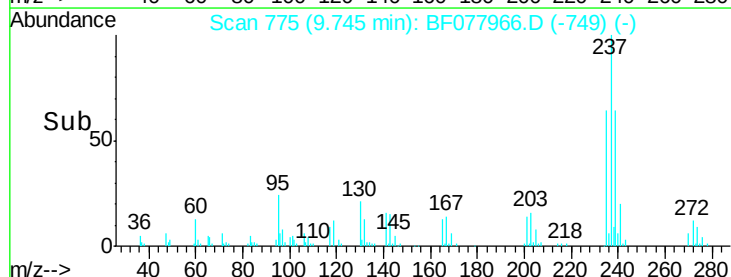
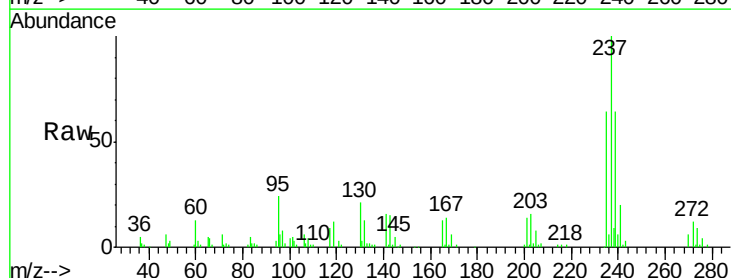
Tgt Ion:237 Resp: 87346

Ion Ratio Lower Upper

237 100

235 64.2 42.0 82.0

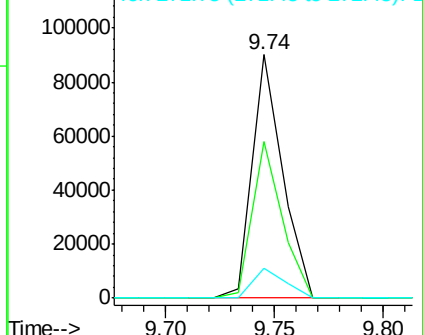
272 12.1 0.0 33.4

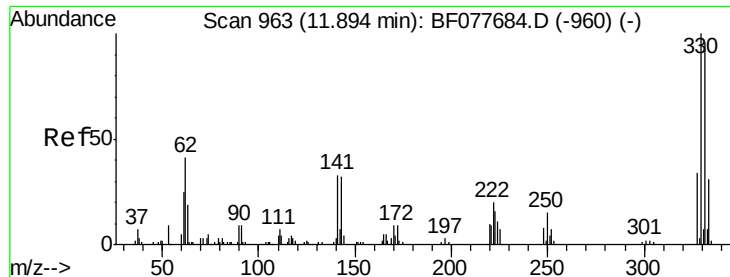


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

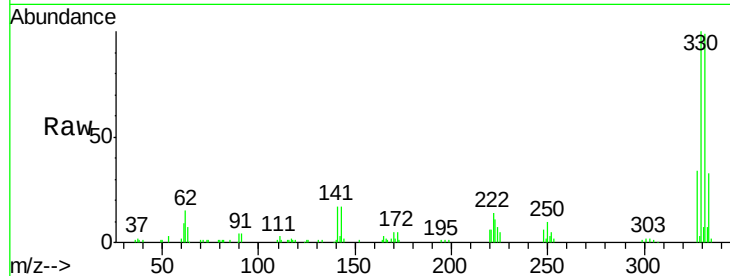




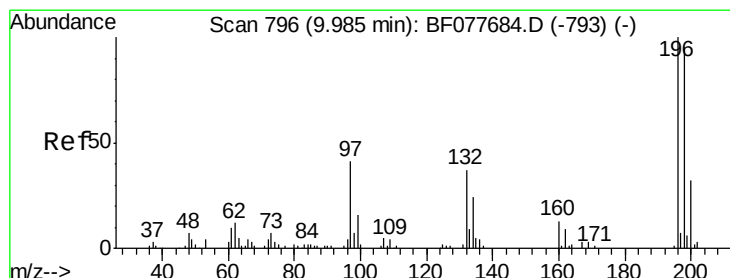
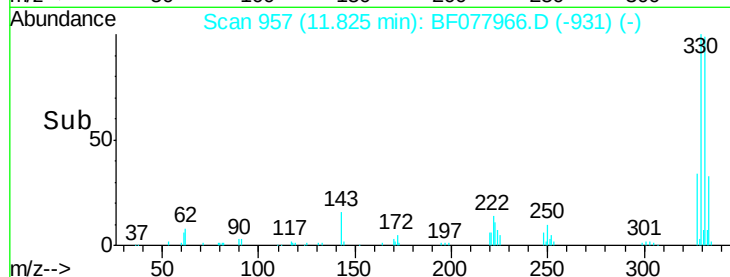
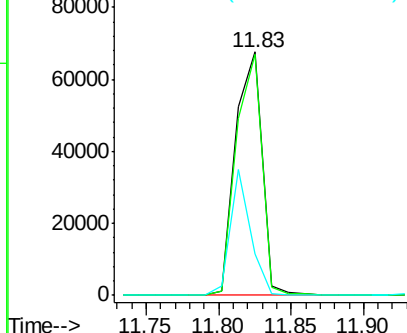
#41
 2,4,6-Tribromophenol
 Concen: 91.34 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:330 Resp: 85630
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 39.7 0.0 0.0#

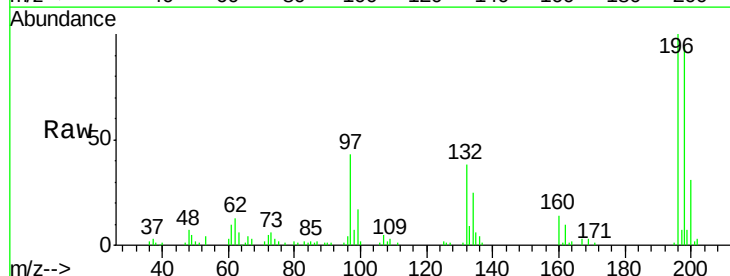


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

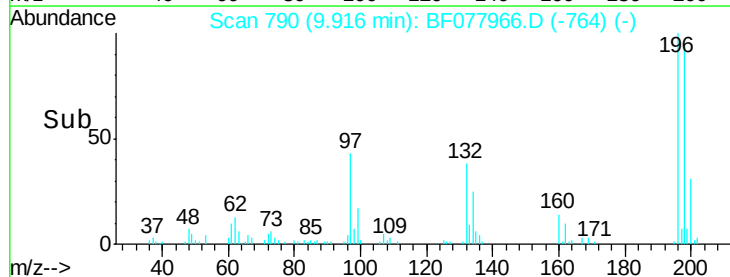
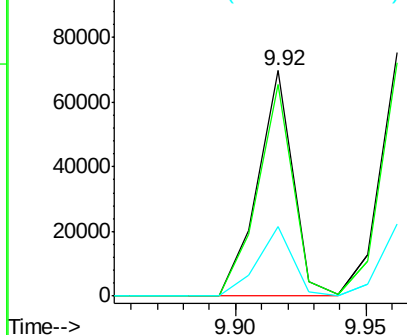


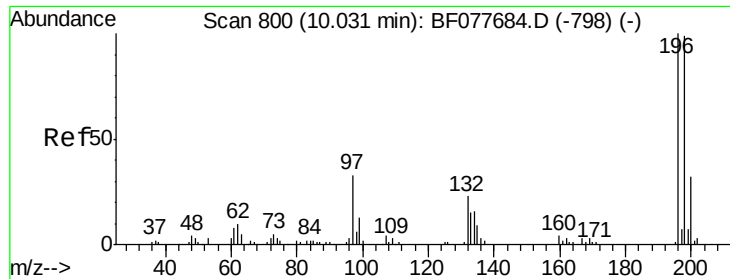
#42
 2,4,6-Trichlorophenol
 Concen: 32.15 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion:196 Resp: 65090
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.3 114.5
 200 30.6 25.6 38.4



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

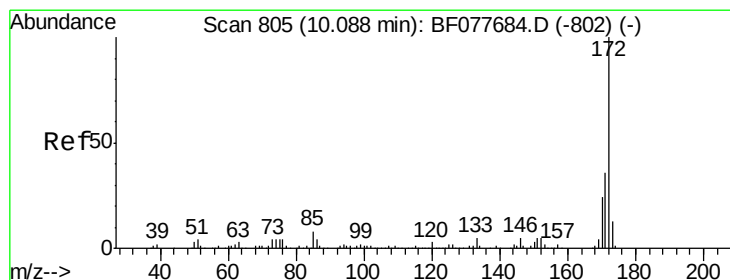
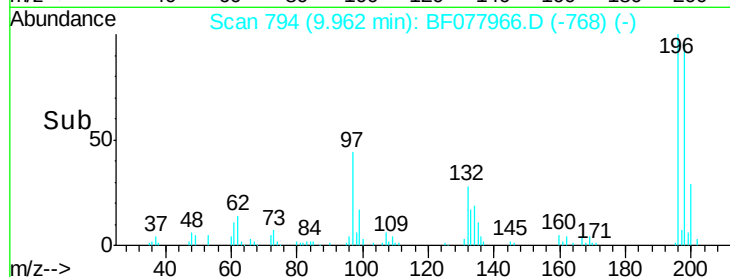
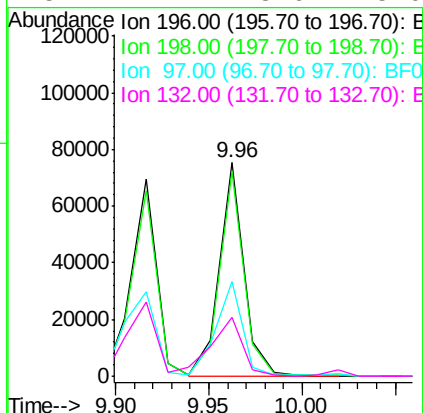
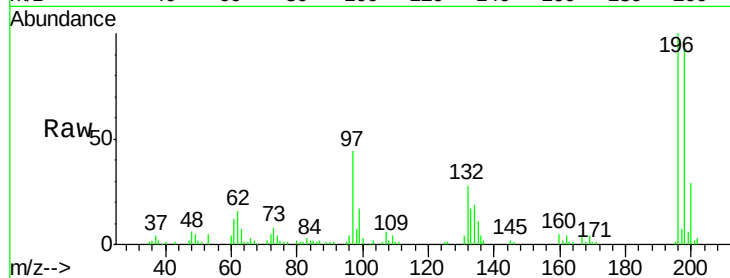




#43
 2,4,5-Trichlorophenol
 Concen: 32.02 ng
 RT: 9.96 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

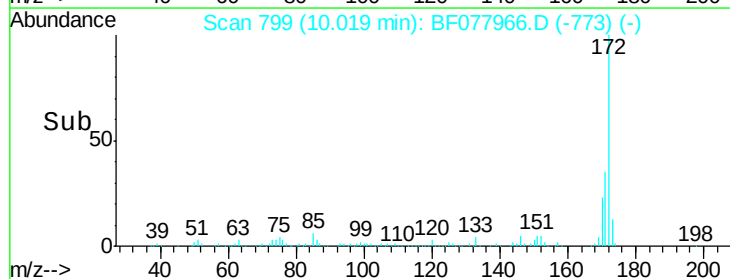
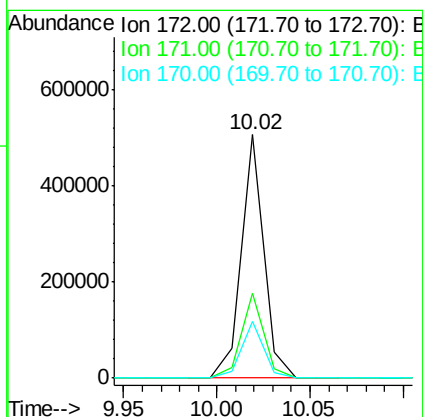
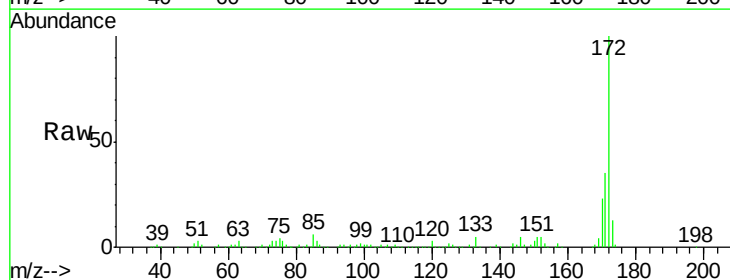
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

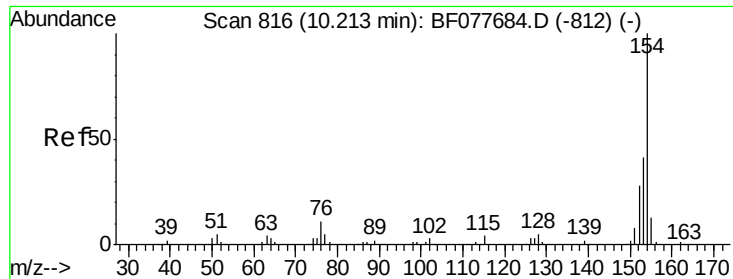
Tgt Ion:196 Resp: 70039
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.4 119.0
 97 44.5 26.8 40.2#
 132 27.7 18.6 28.0



#44
 2-Fluorobiphenyl
 Concen: 64.20 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion:172 Resp: 428019
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.2 18.8 28.2

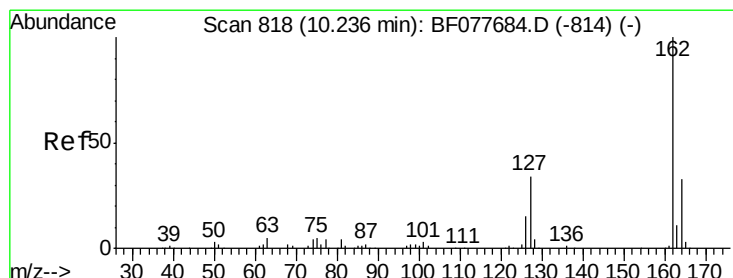
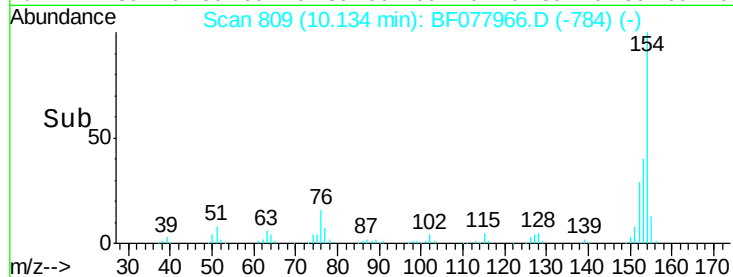
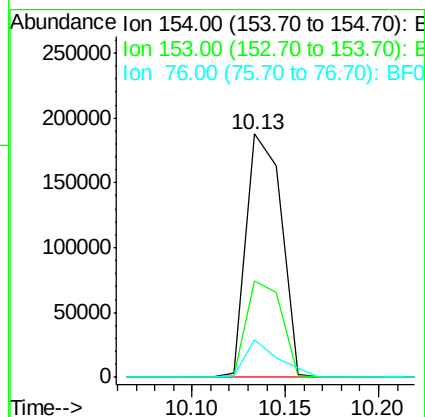
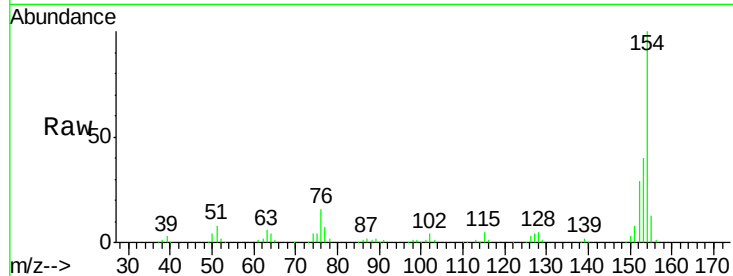




#45
1,1'-Biphenyl
Concen: 31.21 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

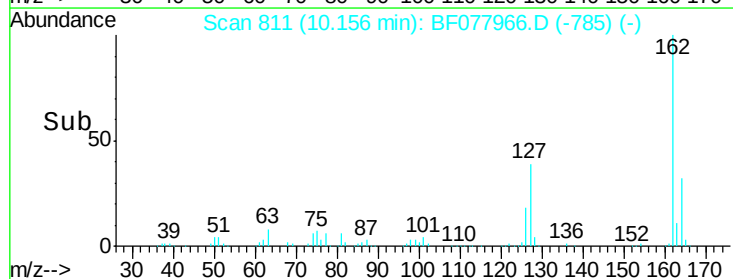
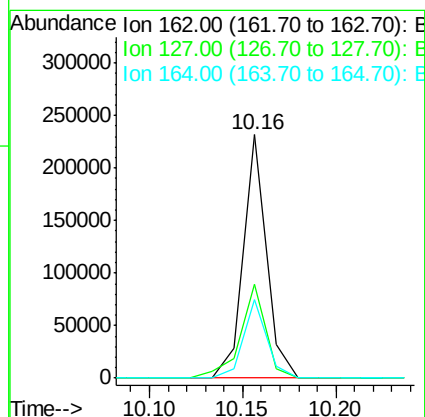
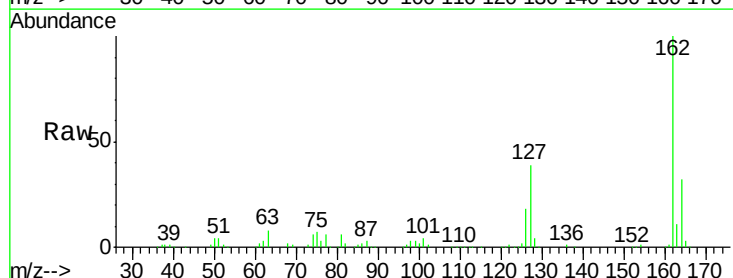
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

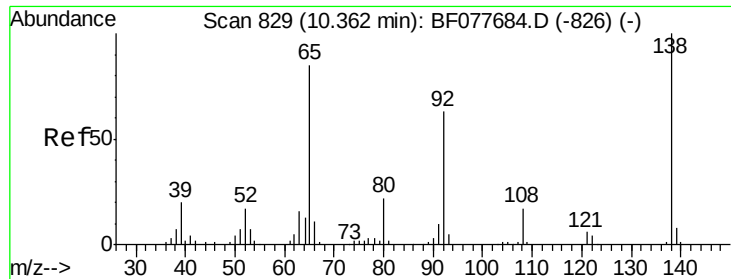
Tgt Ion:154 Resp: 244470
Ion Ratio Lower Upper
154 100
153 39.6 20.7 60.7
76 15.5 0.0 30.9



#46
2-Chloronaphthalene
Concen: 31.58 ng
RT: 10.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:162 Resp: 200998
Ion Ratio Lower Upper
162 100
127 38.7 26.9 40.3
164 32.2 26.8 40.2

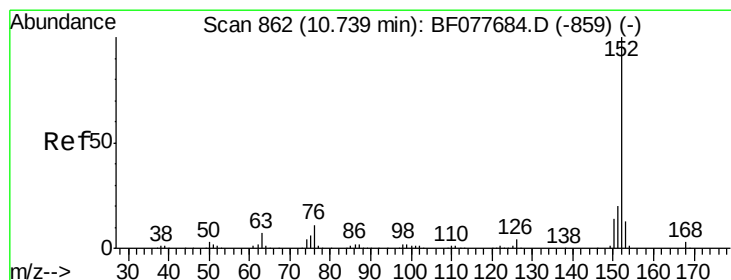
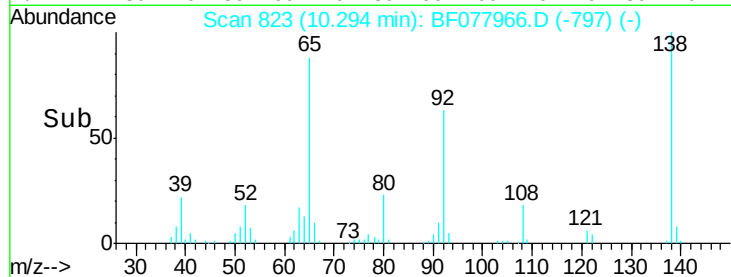
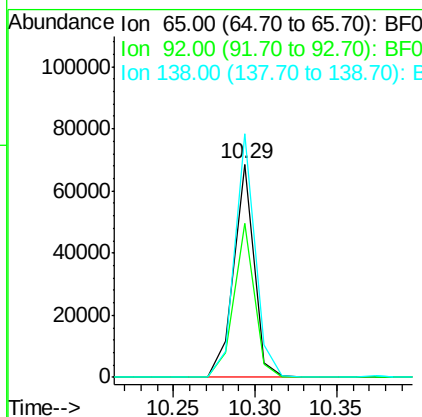
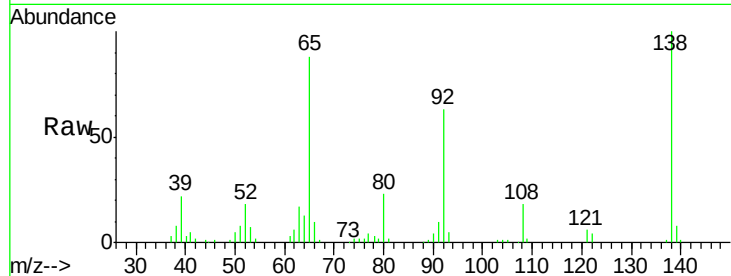




#47
 2-Nitroaniline
 Concen: 37.26 ng
 RT: 10.29 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

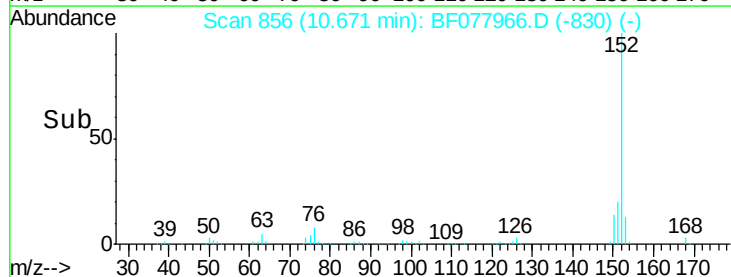
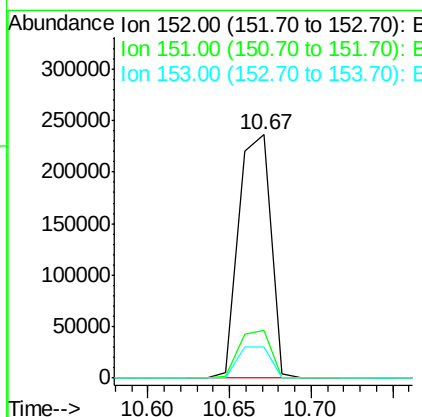
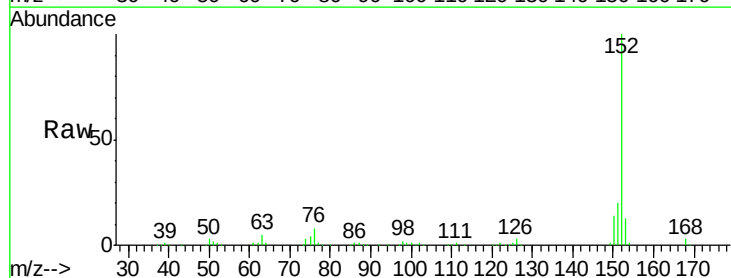
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

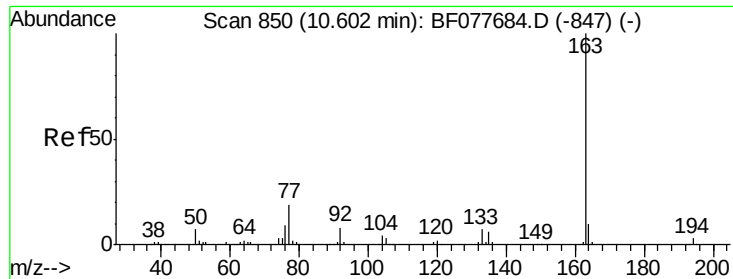
Tgt Ion: 65 Resp: 58912
 Ion Ratio Lower Upper
 65 100
 92 72.4 59.1 88.7
 138 114.1 93.9 140.9



#48
 Acenaphthylene
 Concen: 30.27 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion: 152 Resp: 320369
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.9 23.9
 153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 33.86 ng

RT: 10.53 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

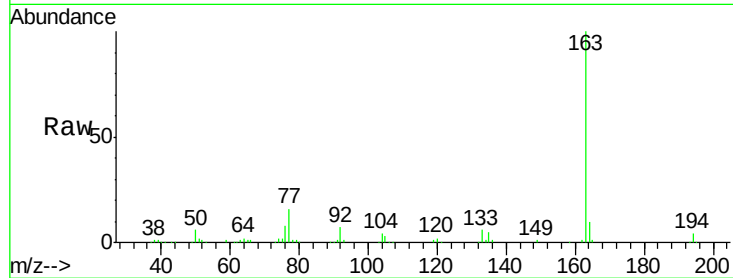
Tgt Ion:163 Resp: 246110

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

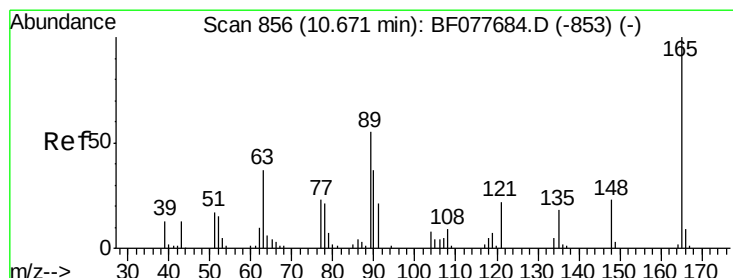
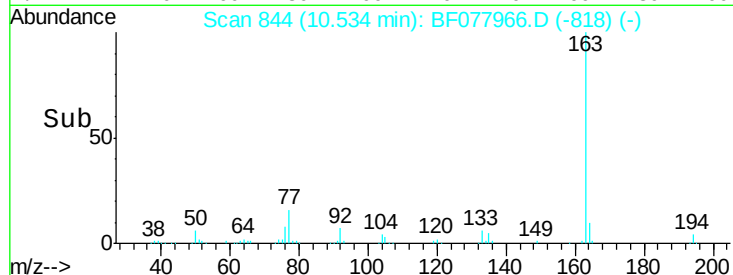
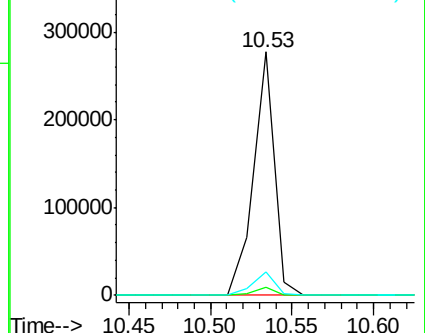
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.75 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

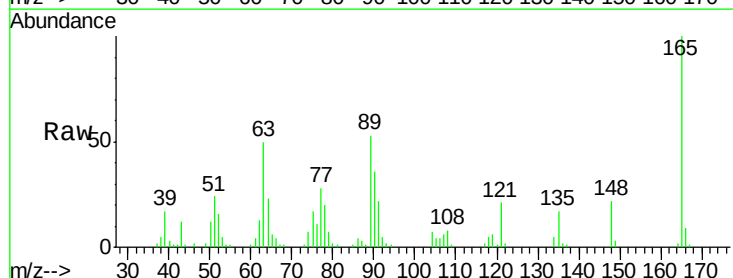
Tgt Ion:165 Resp: 52352

Ion Ratio Lower Upper

165 100

63 49.8 44.1 66.1

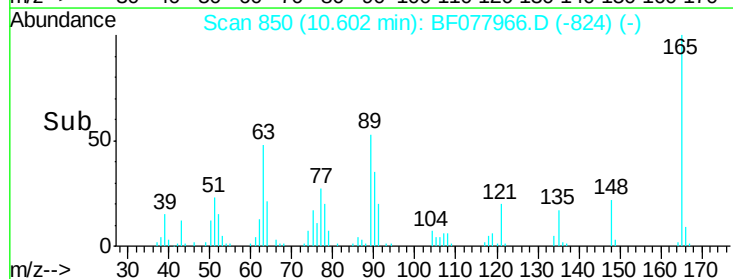
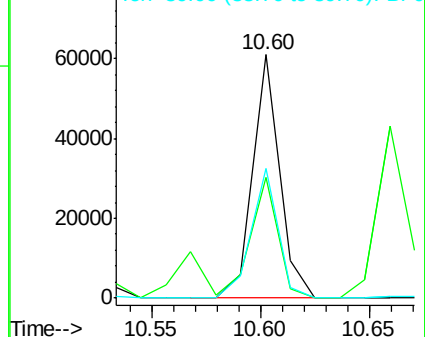
89 53.0 44.3 66.5

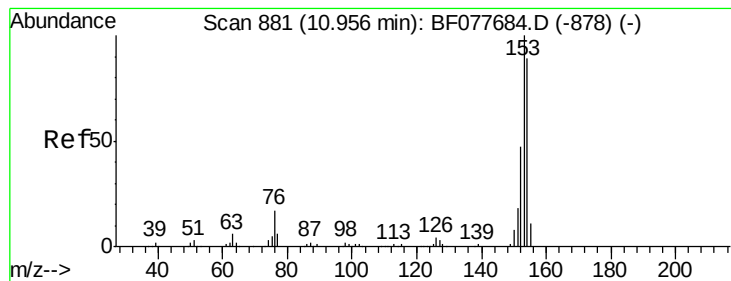


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.27 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

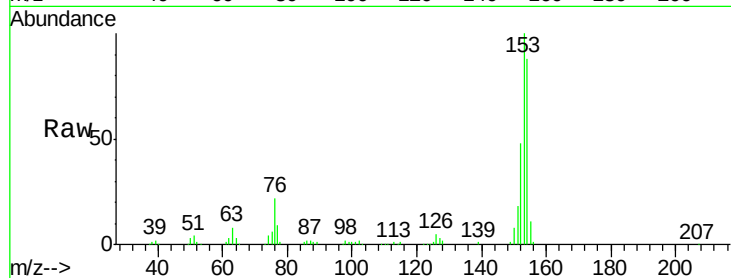
Tgt Ion:154 Resp: 183733

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

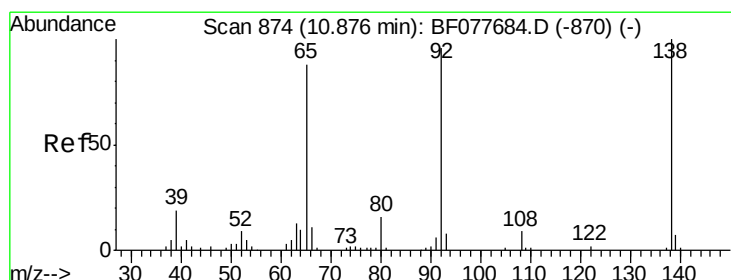
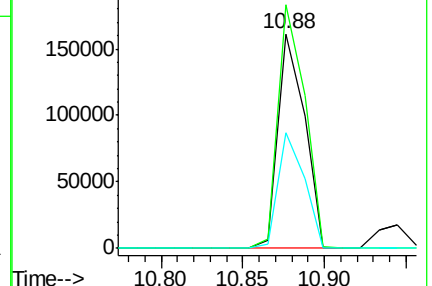
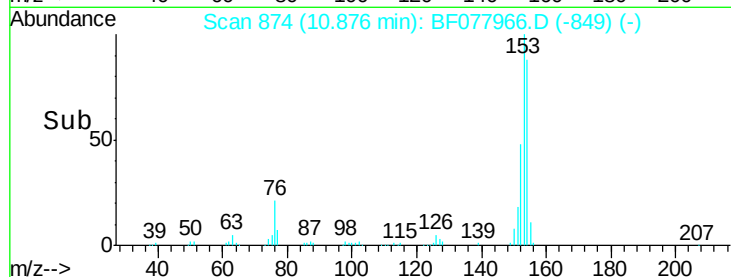
152 54.0 42.6 63.8



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: 22.20 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

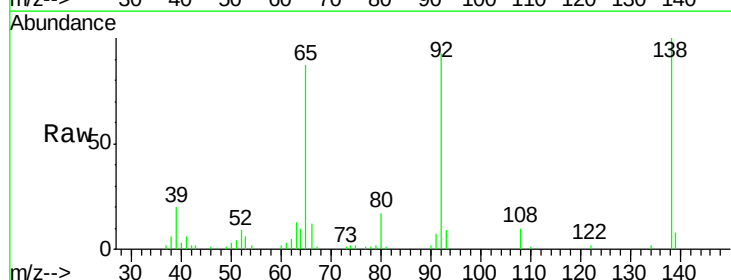
Tgt Ion:138 Resp: 38841

Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

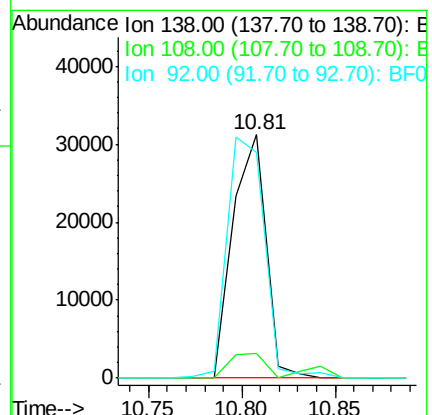
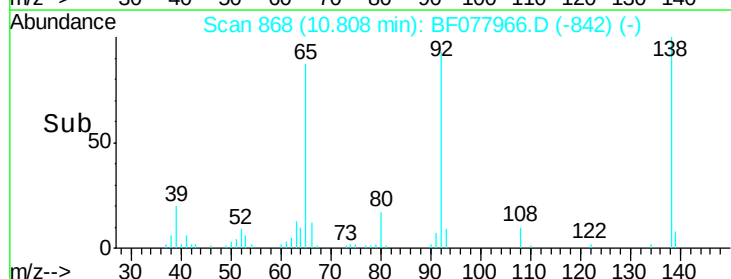
92 92.5 76.6 114.8

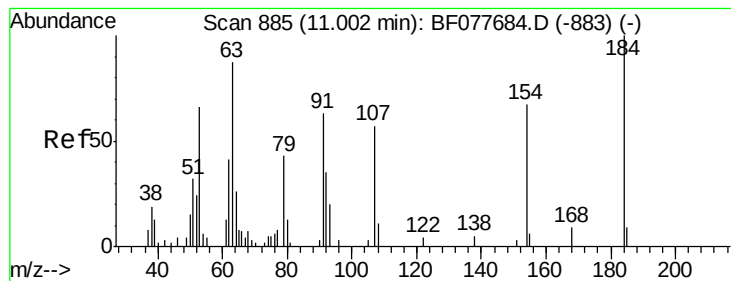


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 72.76 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

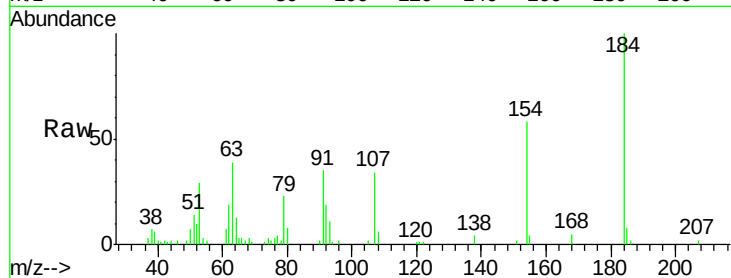
Tgt Ion:184 Resp: 39820

Ion Ratio Lower Upper

184 100

63 39.0 69.2 103.8#

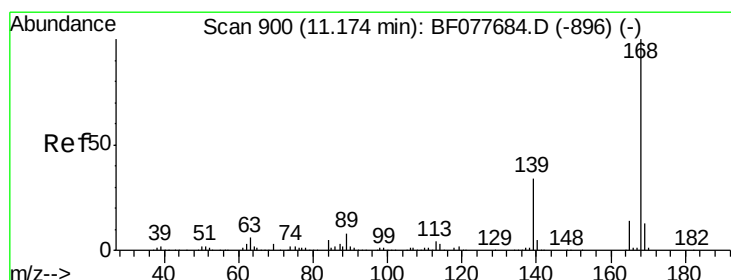
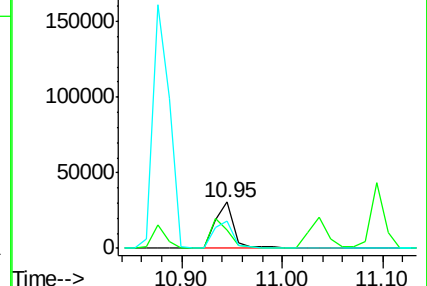
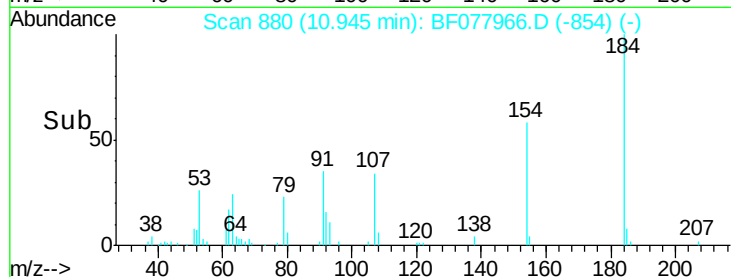
154 58.5 53.3 79.9



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: 32.12 ng

RT: 11.09 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

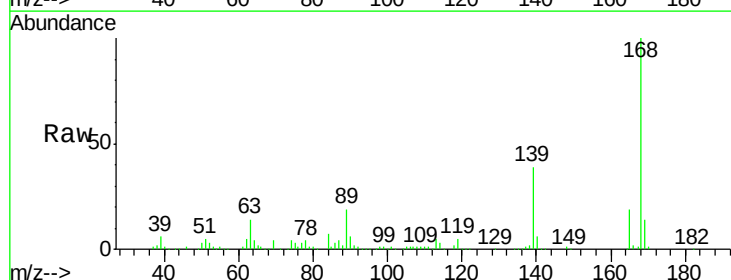
Tgt Ion:168 Resp: 289099

Ion Ratio Lower Upper

168 100

139 39.3 27.3 40.9

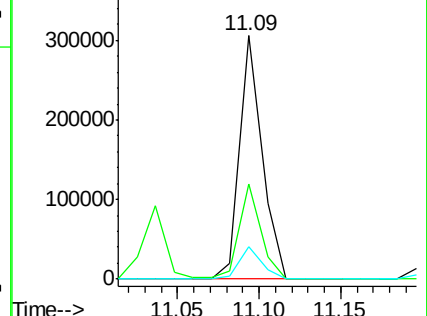
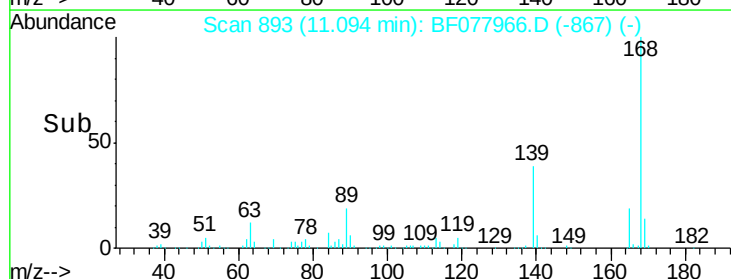
169 13.6 10.6 16.0

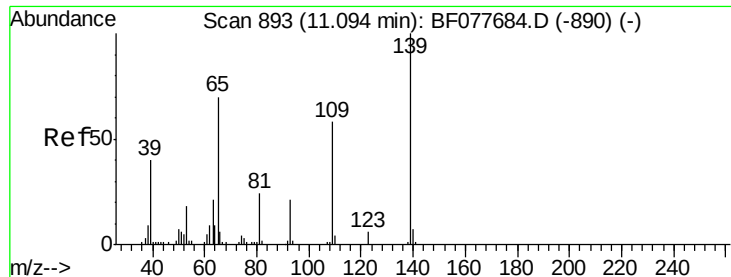


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

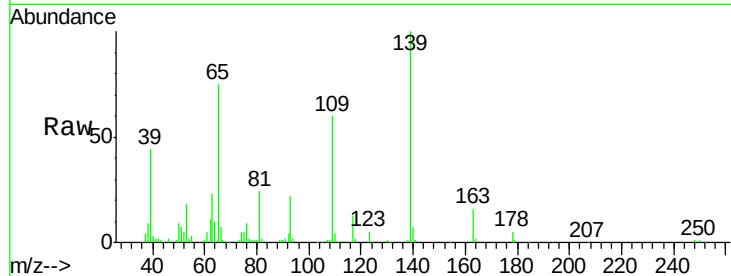




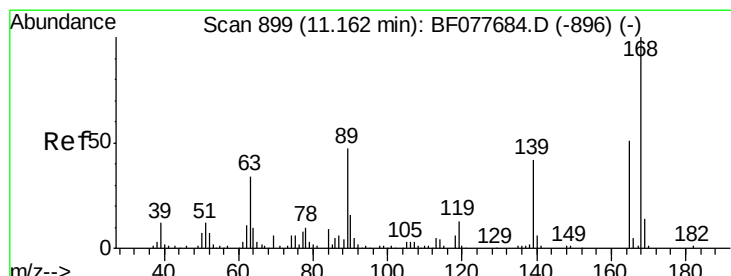
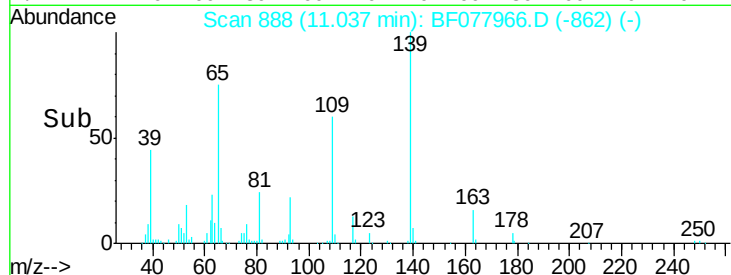
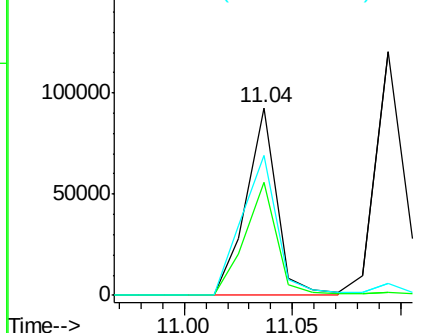
#55
4-Nitrophenol
Concen: 70.93 ng
RT: 11.04 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:139 Resp: 91919
Ion Ratio Lower Upper
139 100
109 60.0 37.7 77.7
65 74.8 49.9 89.9

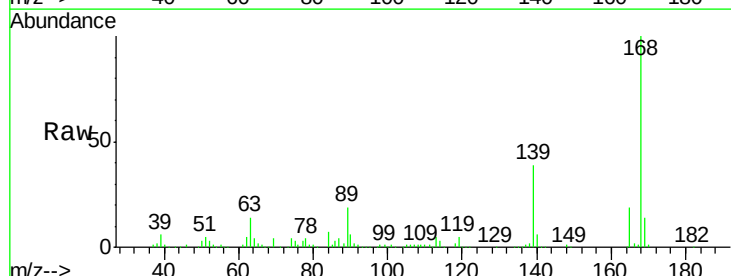


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

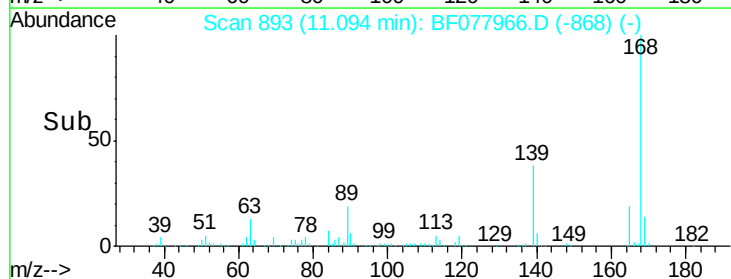
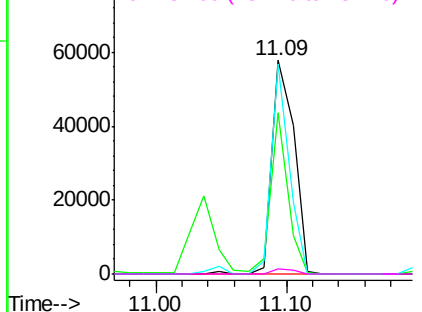


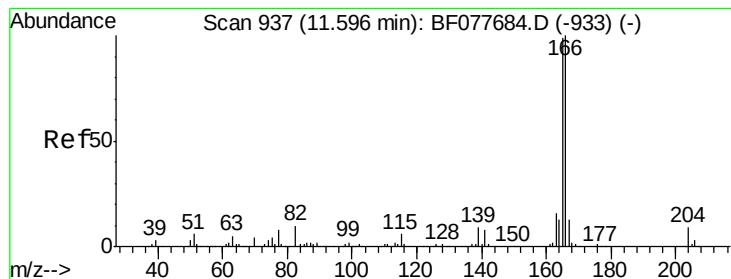
#56
2,4-Dinitrotoluene
Concen: 35.30 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:165 Resp: 69335
Ion Ratio Lower Upper
165 100
63 75.3 52.4 78.6
89 98.1 72.4 108.6
182 2.4 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: 31.21 ng

RT: 11.52 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

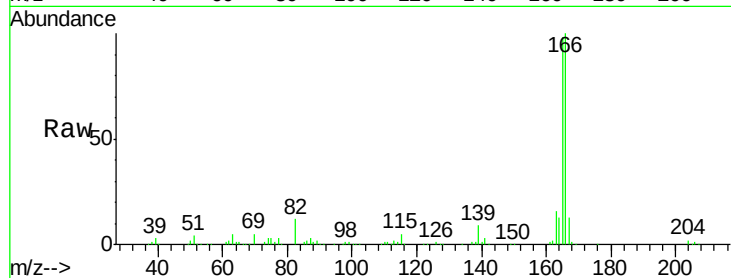
Tgt Ion:166 Resp: 233295

Ion Ratio Lower Upper

166 100

165 98.0 79.0 118.4

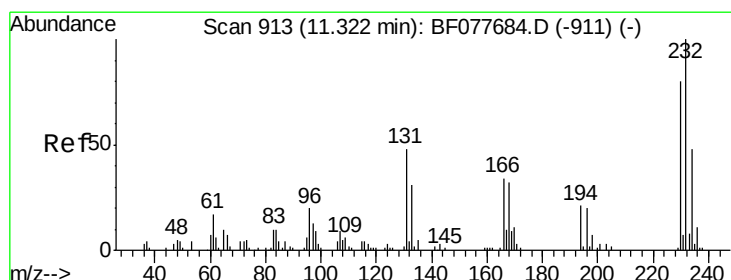
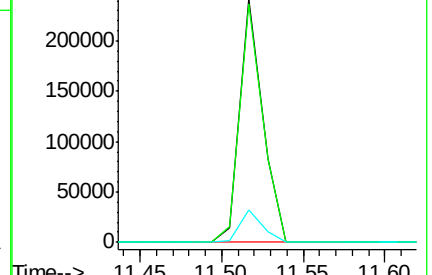
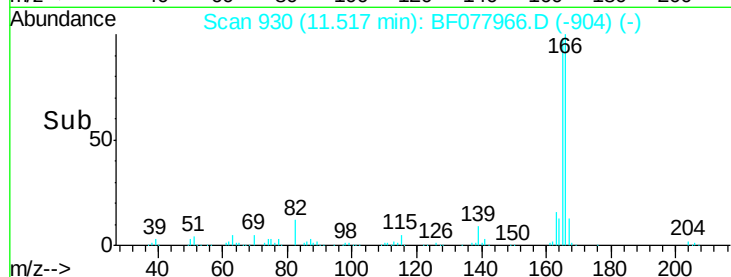
167 13.3 10.3 15.5



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: 34.62 ng

RT: 11.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Tgt Ion:232 Resp: 58303

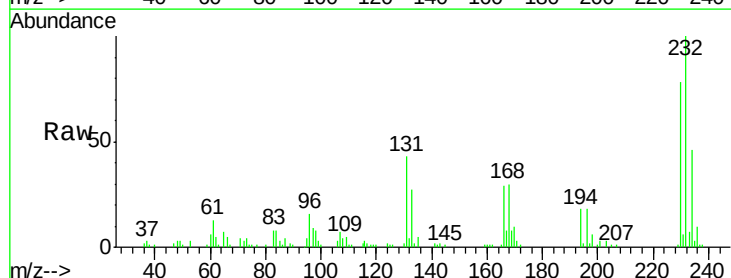
Ion Ratio Lower Upper

232 100

131 46.1 0.0 0.0#

130 1.8 0.0 0.0#

166 30.3 0.0 0.0#

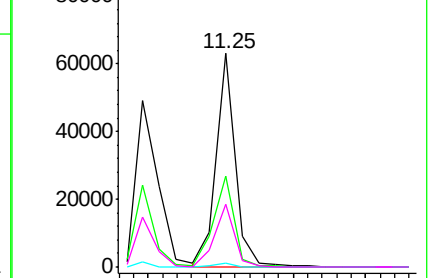
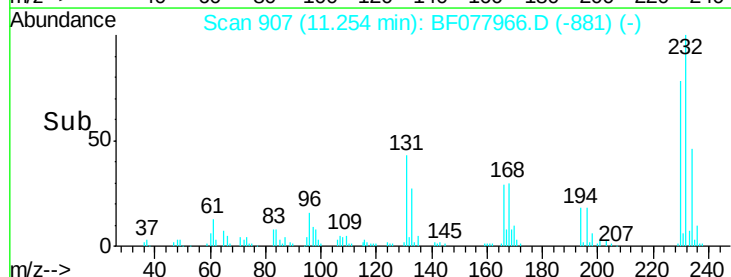


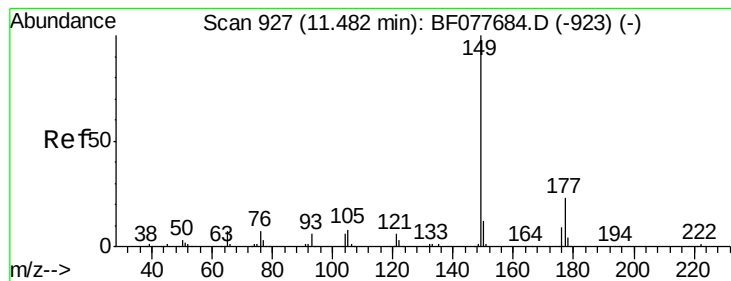
Abundance Ion 232.00 (231.70 to 232.70): E

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: 32.75 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

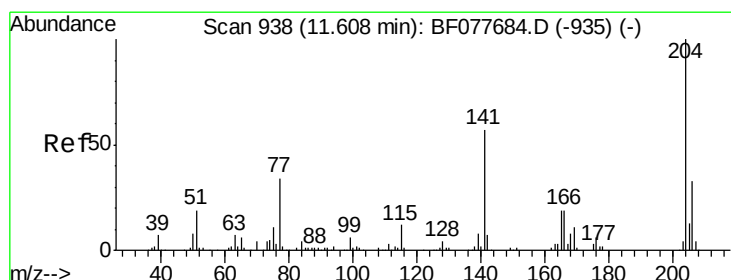
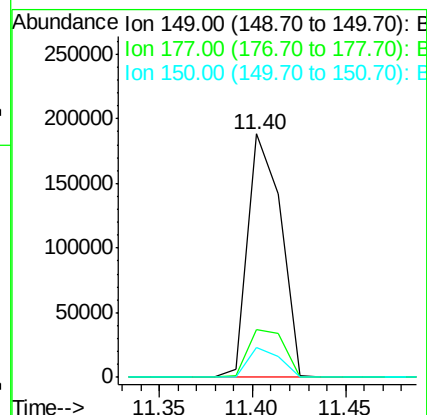
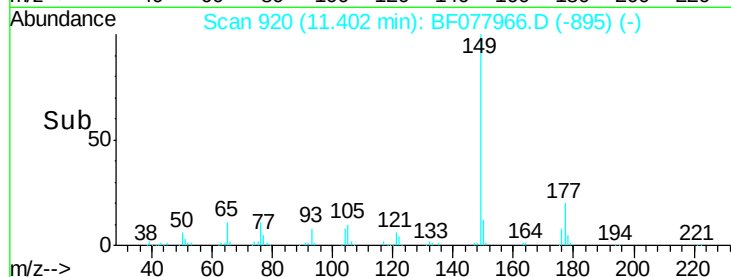
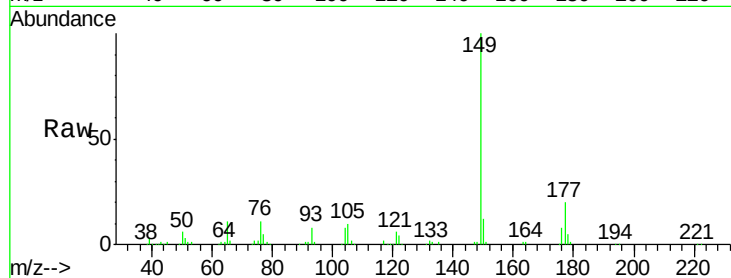
Tgt Ion:149 Resp: 231930

Ion Ratio Lower Upper

149 100

177 19.9 18.3 27.5

150 12.5 9.8 14.8



#60

4-Chlorophenyl-phenylether

Concen: 32.38 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

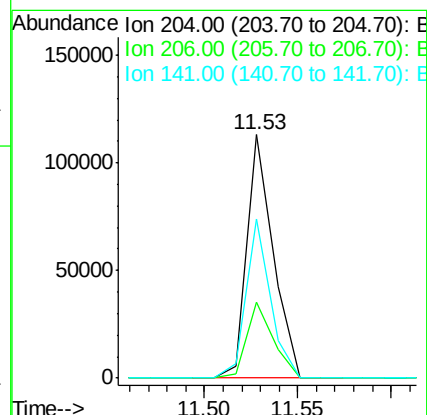
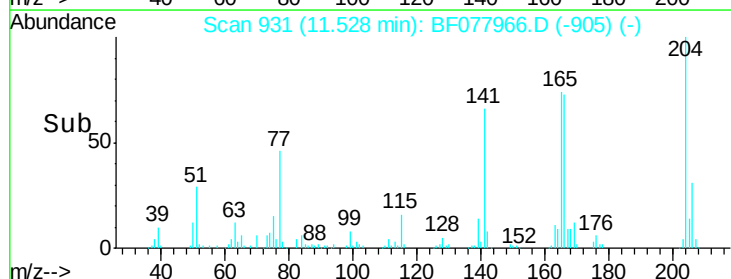
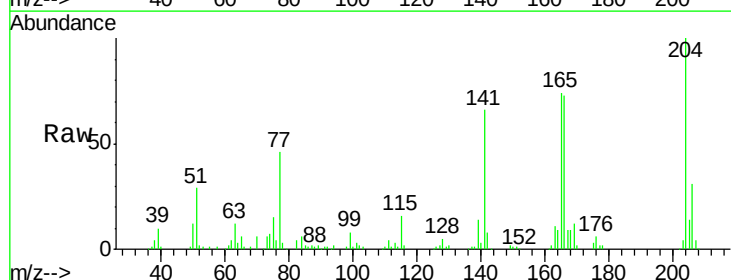
Tgt Ion:204 Resp: 110446

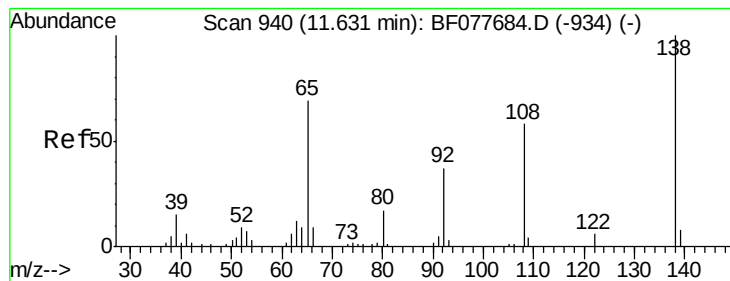
Ion Ratio Lower Upper

204 100

206 31.4 26.6 39.8

141 65.6 45.2 67.8

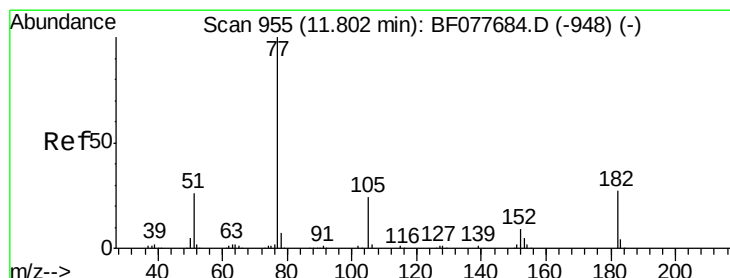
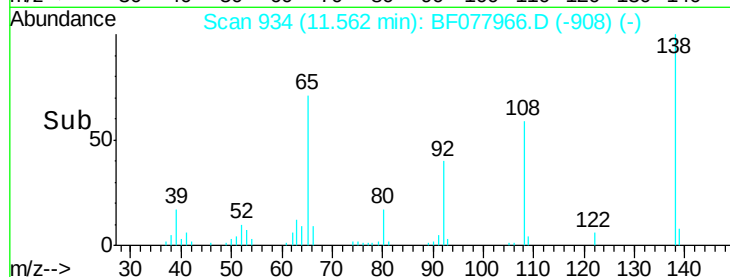
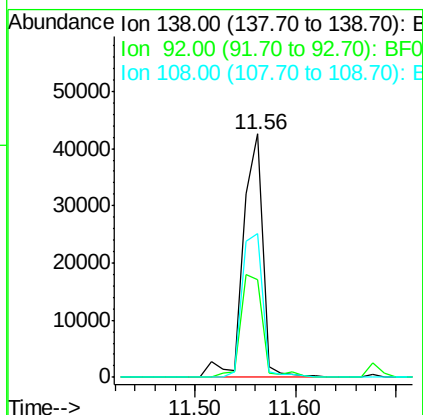
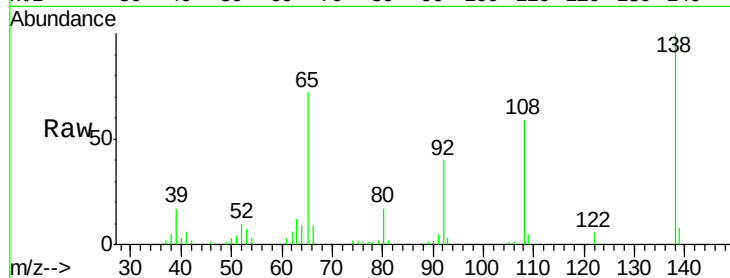




#61
 4-Nitroaniline
 Concen: 33.00 ng
 RT: 11.56 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

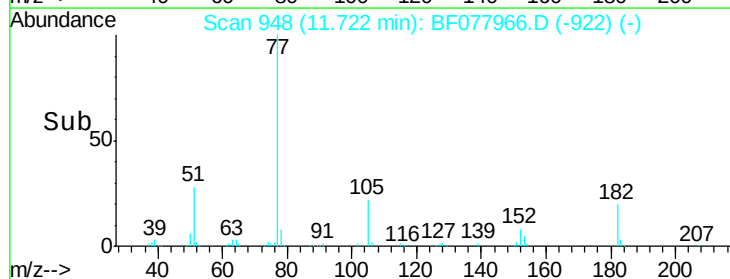
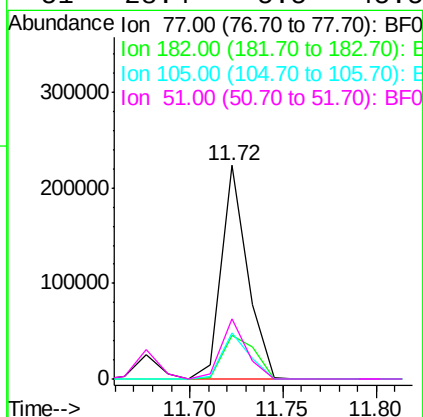
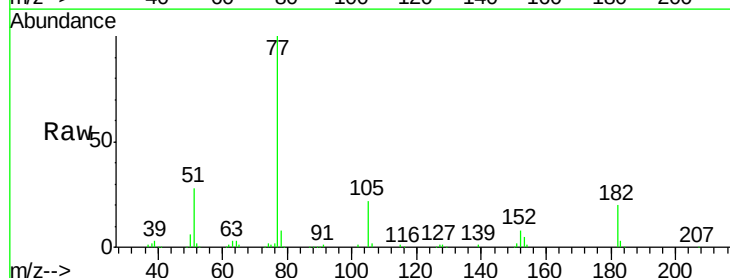
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

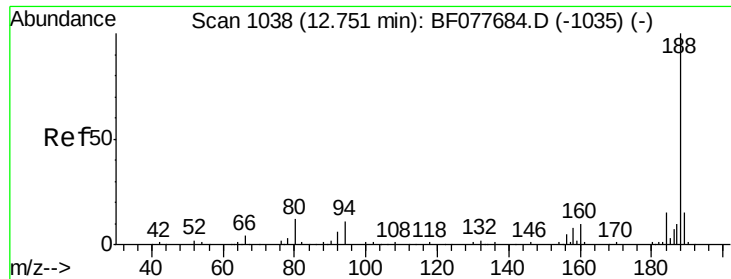
Tgt Ion: 138 Resp: 57537
 Ion Ratio Lower Upper
 138 100
 92 40.1 16.7 56.7
 108 59.2 37.6 77.6



#62
 Azobenzene
 Concen: 32.25 ng
 RT: 11.72 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion: 77 Resp: 218251
 Ion Ratio Lower Upper
 77 100
 182 20.3 6.5 46.5
 105 21.7 3.8 43.8
 51 28.4 5.5 45.5

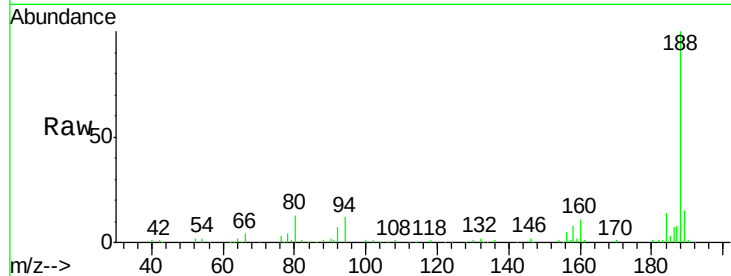




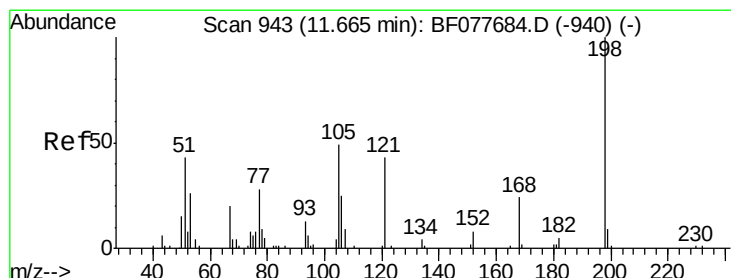
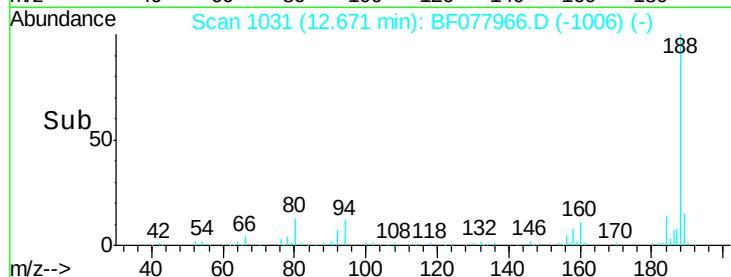
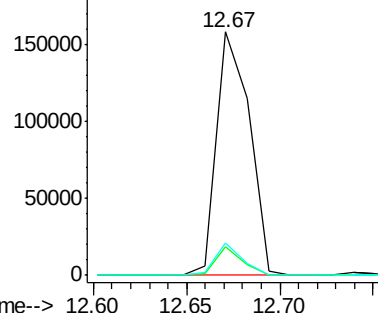
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:188 Resp: 194378
Ion Ratio Lower Upper
188 100
94 11.6 8.7 13.1
80 13.3 9.3 13.9

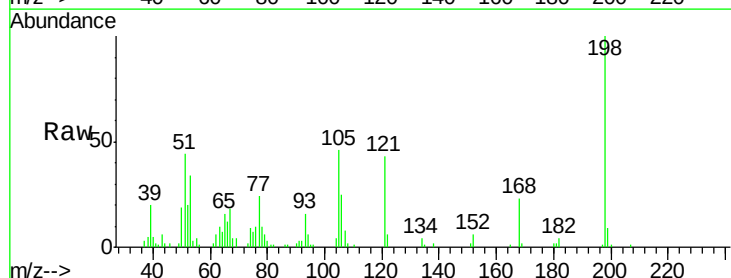


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

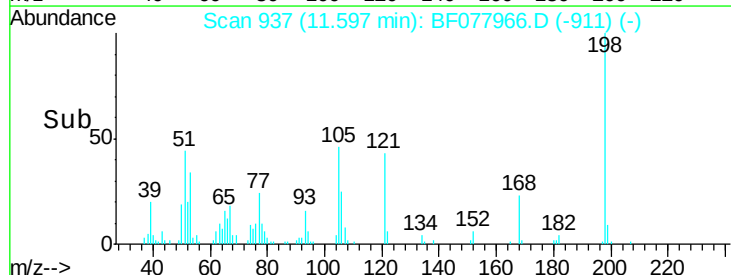
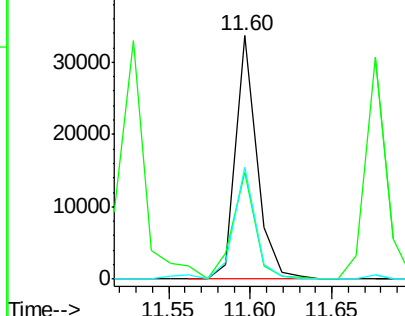


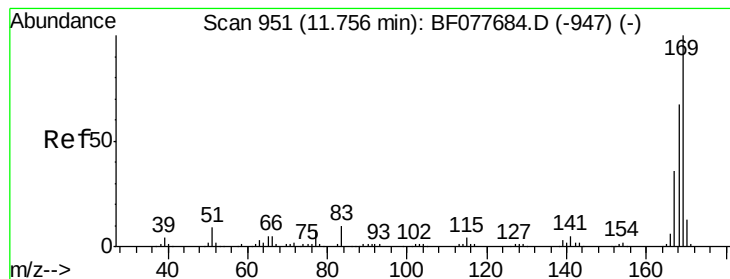
#64
4,6-Dinitro-2-methylphenol
Concen: 34.42 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:198 Resp: 30365
Ion Ratio Lower Upper
198 100
51 43.8 28.8 68.8
105 45.8 30.5 70.5



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





#65

n-Nitrosodiphenylamine

Concen: 31.40 ng

RT: 11.68 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

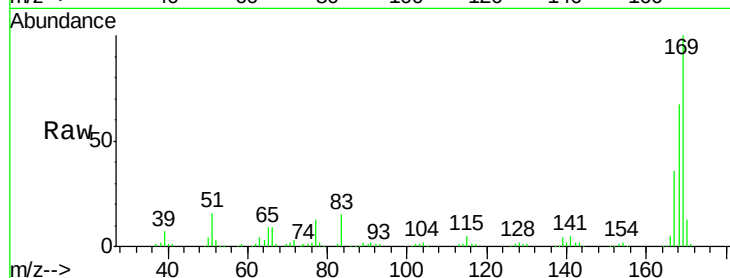
Tgt Ion:169 Resp: 203212

Ion Ratio Lower Upper

169 100

168 67.2 53.9 80.9

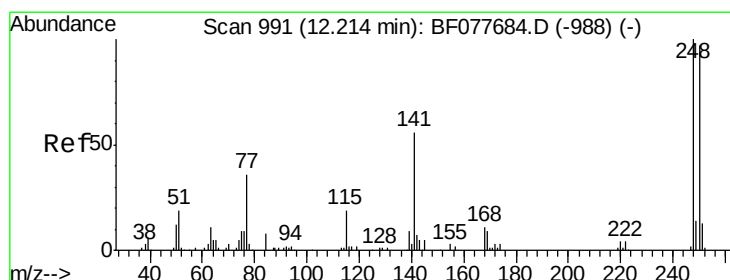
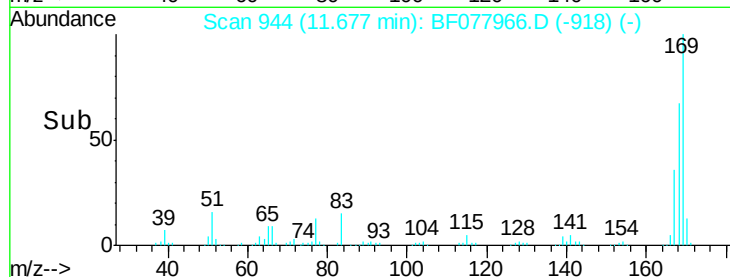
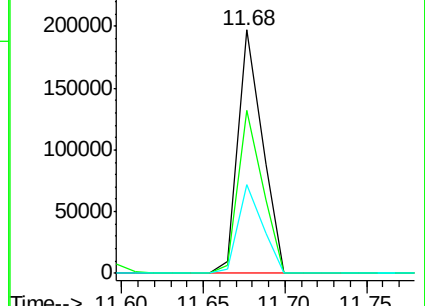
167 36.3 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 31.26 ng

RT: 12.13 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

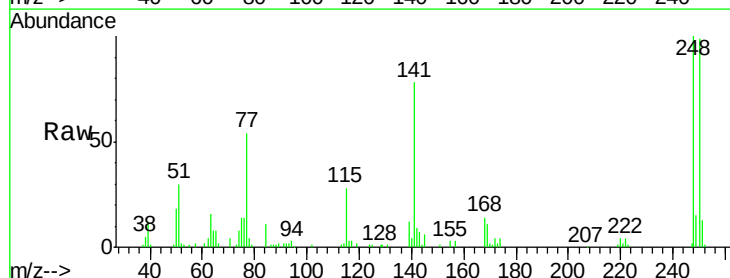
Tgt Ion:248 Resp: 64854

Ion Ratio Lower Upper

248 100

250 99.2 77.4 116.0

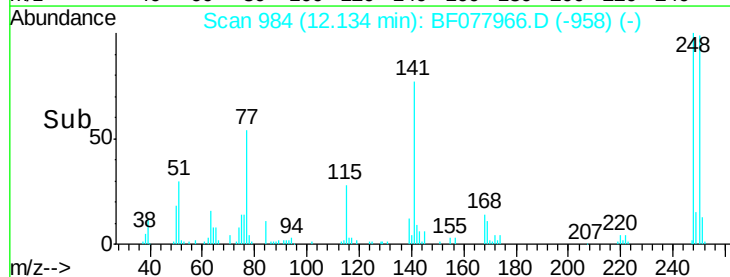
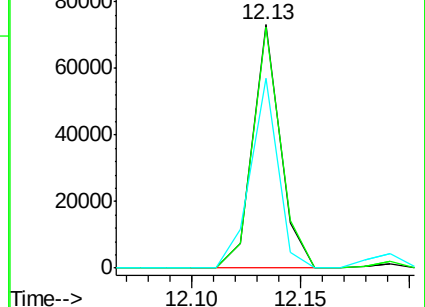
141 77.8 45.2 67.8#

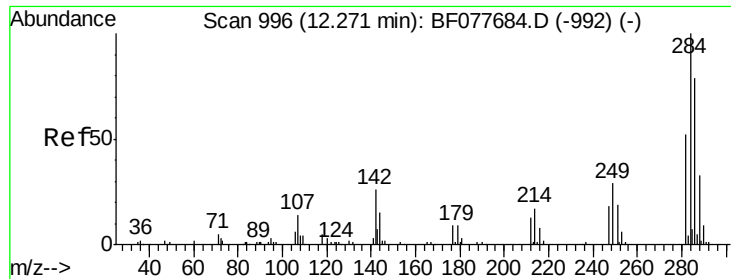


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

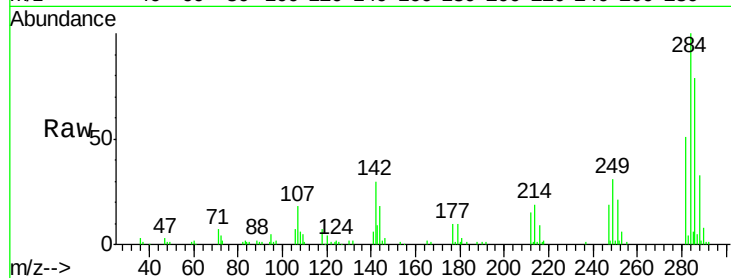




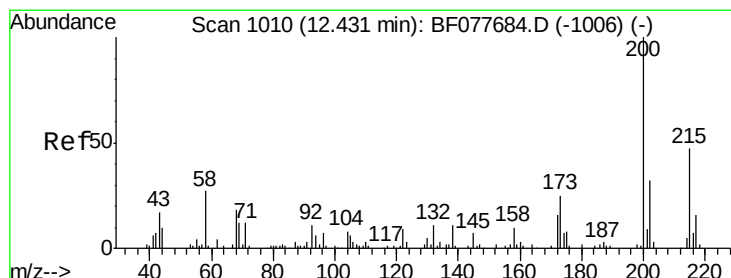
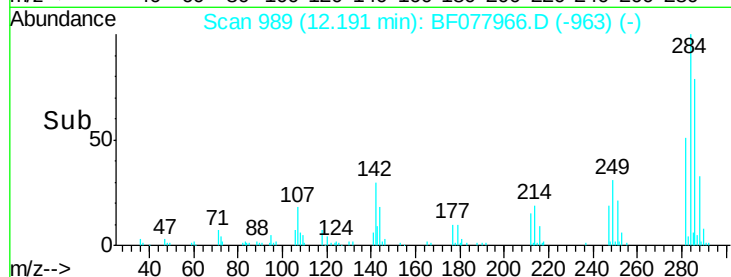
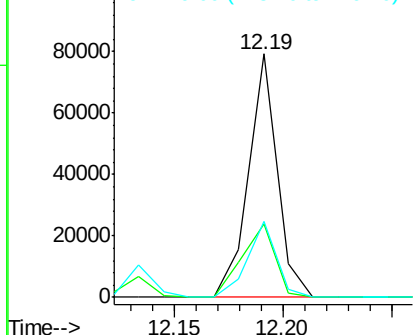
#67
Hexachlorobenzene
Concen: 31.84 ng
RT: 12.19 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Instrument :
BNA_F
ClientSampleId :
PB82320BSD

Tgt Ion:284 Resp: 72584
Ion Ratio Lower Upper
284 100
142 30.3 20.4 30.6
249 31.4 23.8 35.6

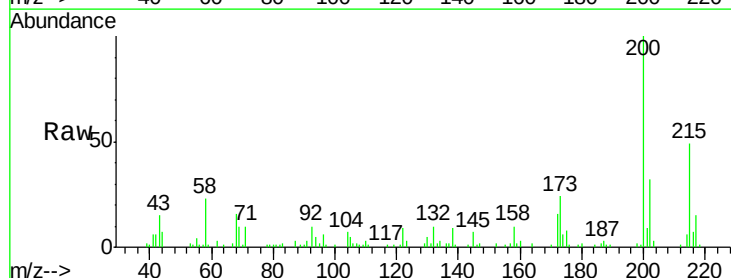


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

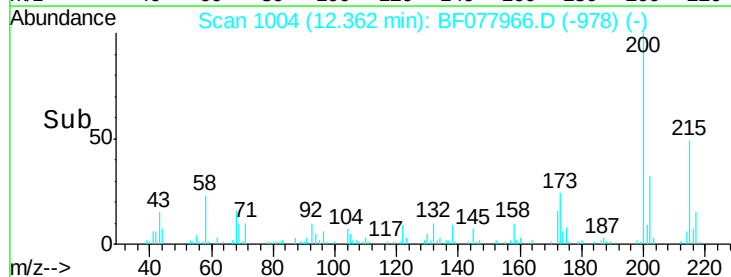
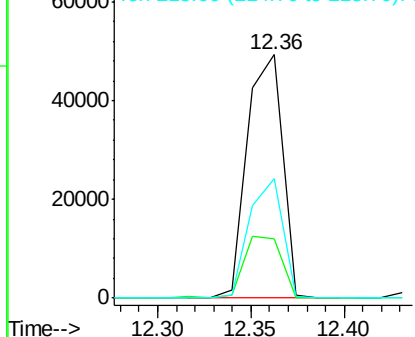


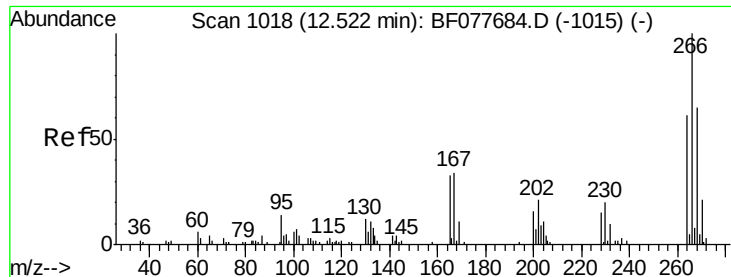
#68
Atrazine
Concen: 35.63 ng
RT: 12.36 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:200 Resp: 64633
Ion Ratio Lower Upper
200 100
173 24.4 4.8 44.8
215 48.9 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

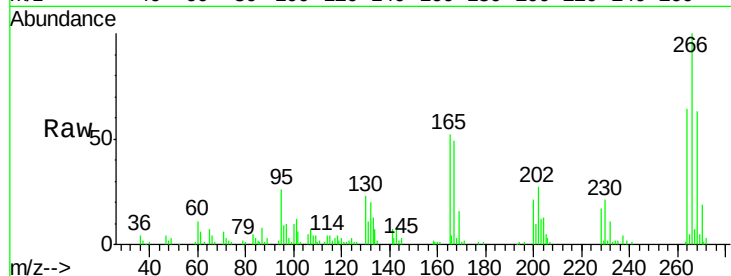




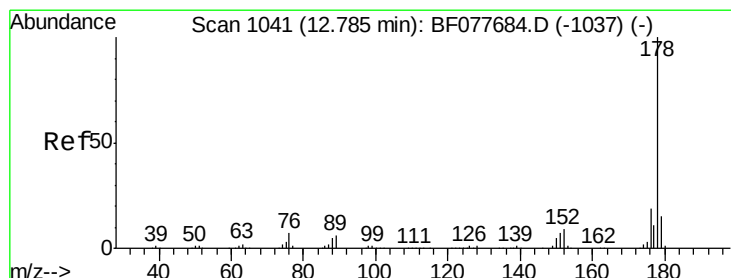
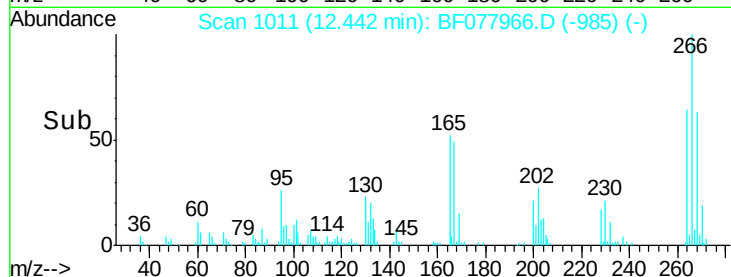
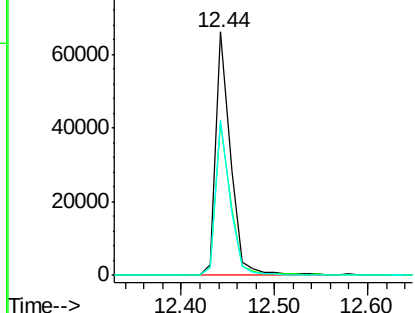
#69
 Pentachlorophenol
 Concen: 61.62 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion:266 Resp: 72686
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.0 78.0
 264 63.7 49.0 73.4

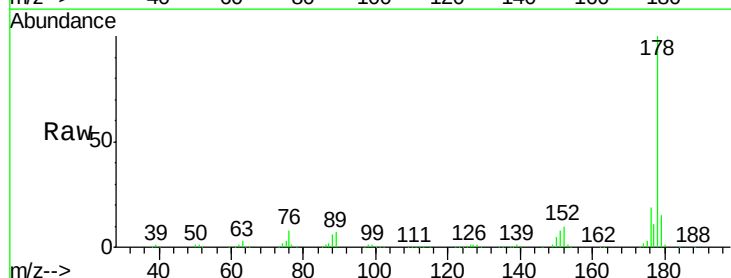


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

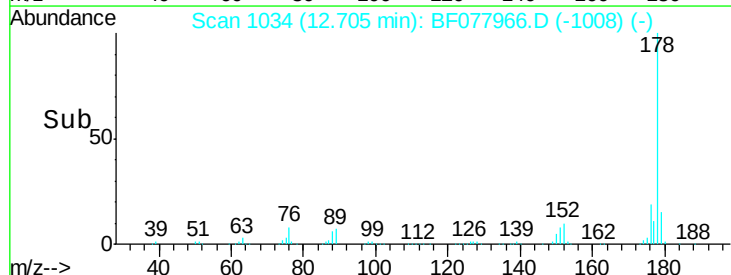
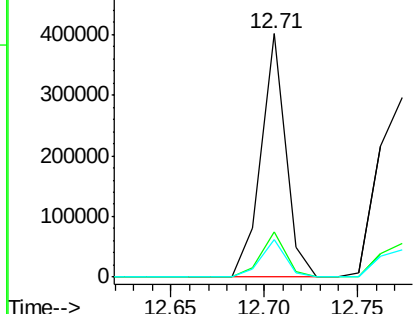


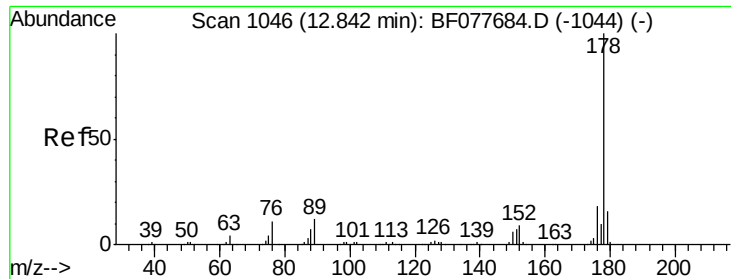
#70
 Phenanthrene
 Concen: 32.76 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion:178 Resp: 365528
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.5 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

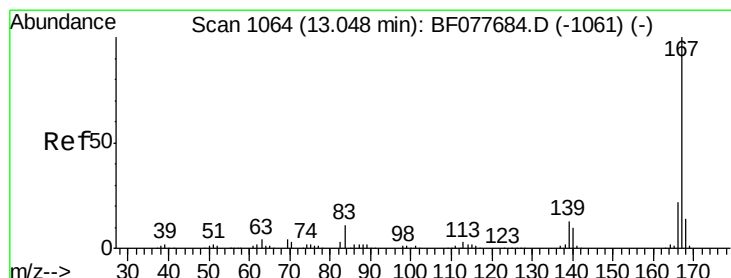
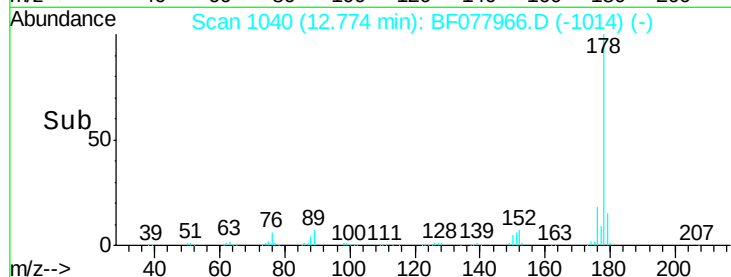
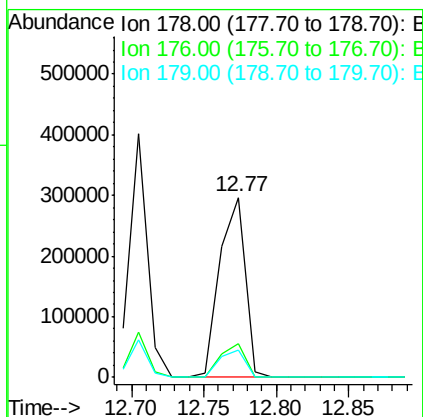
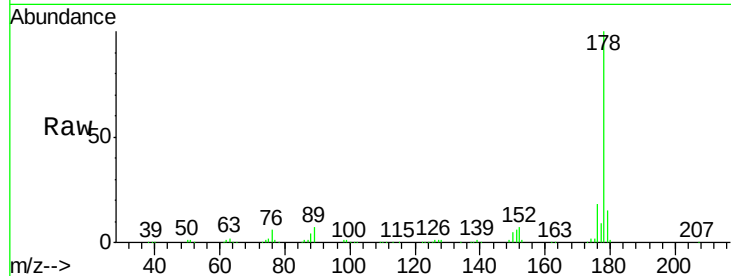




#71
 Anthracene
 Concen: 33.07 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

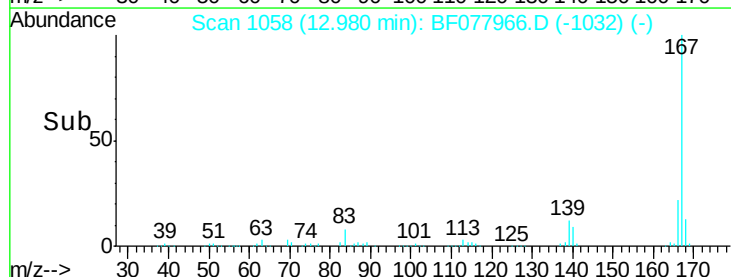
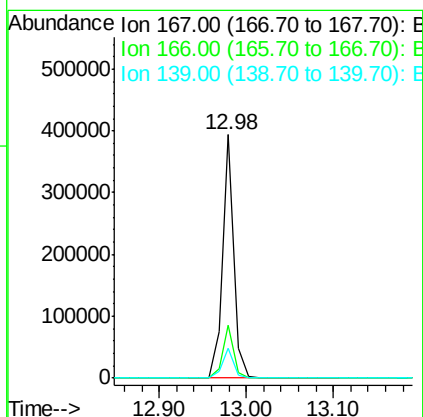
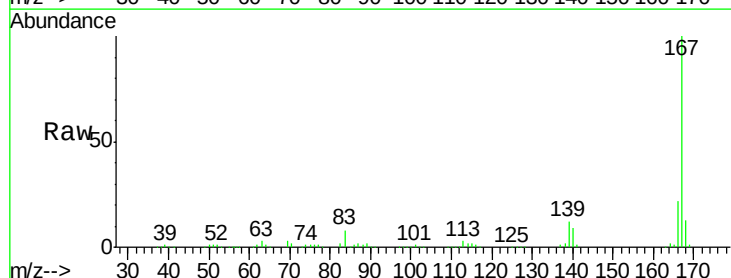
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

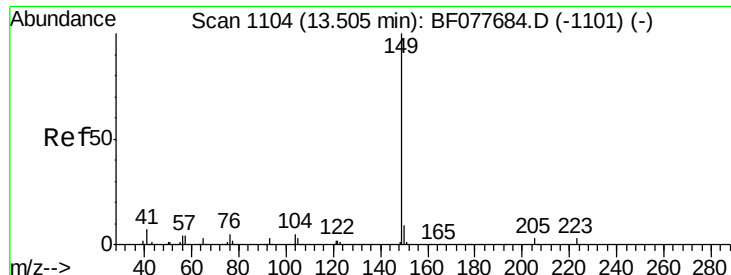
Tgt Ion:178 Resp: 364536
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 34.24 ng
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion:167 Resp: 359097
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 34.08 ng

RT: 13.44 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

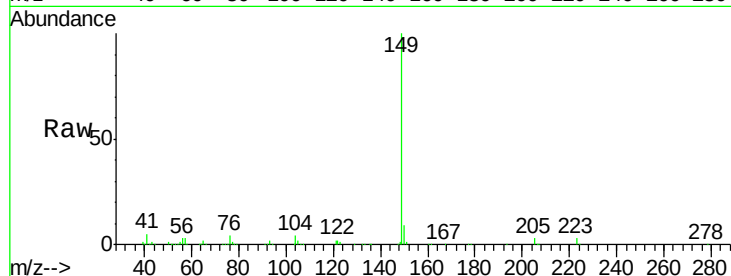
Tgt Ion:149 Resp: 400719

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

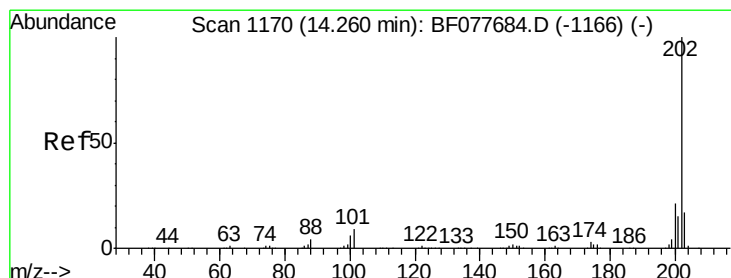
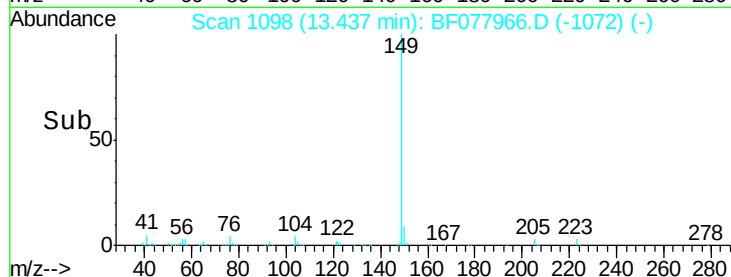
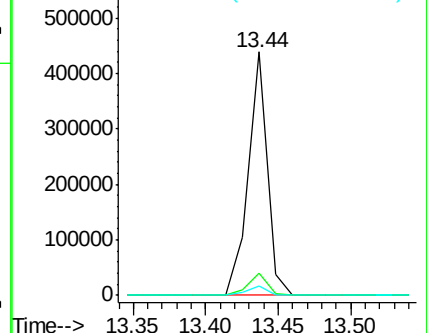
104 4.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.69 ng

RT: 14.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

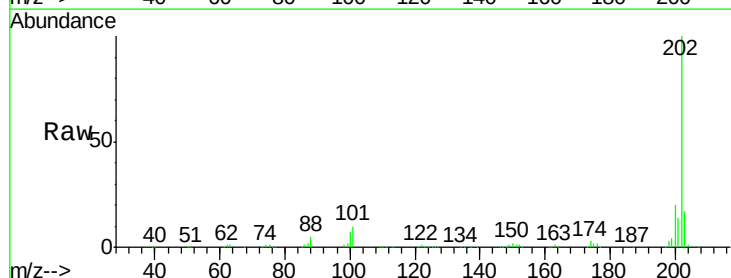
Tgt Ion:202 Resp: 402342

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.7

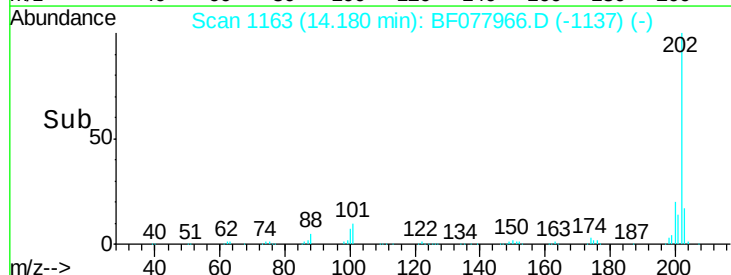
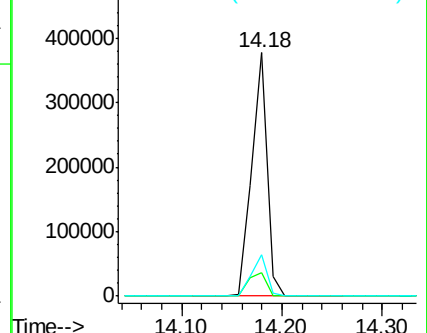
203 17.0 0.0 37.2

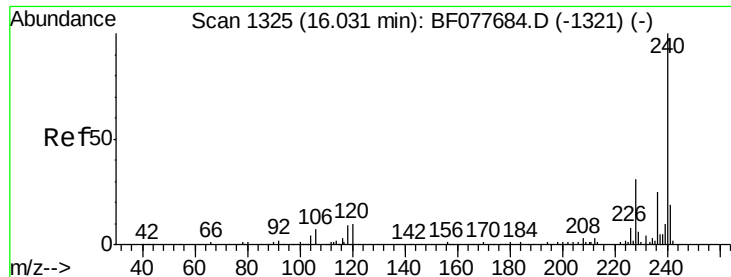


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

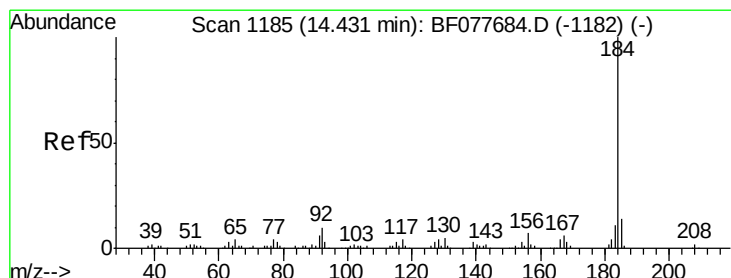
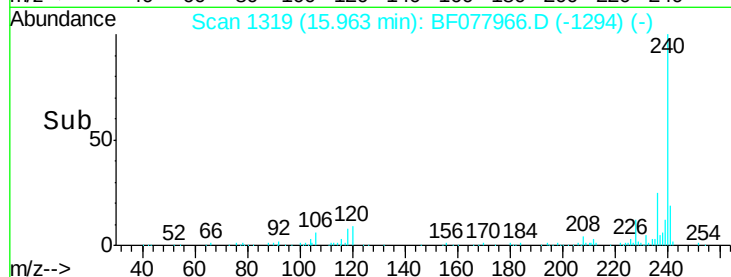
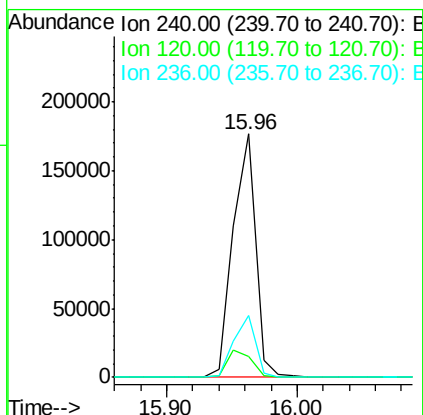
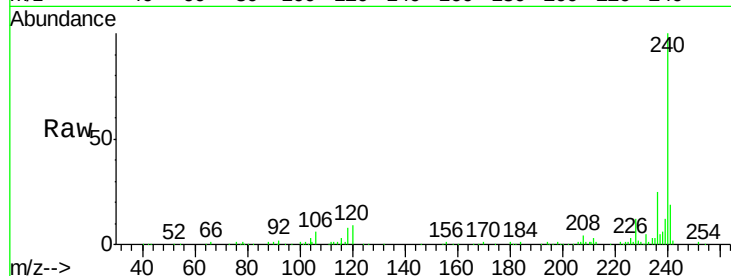




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

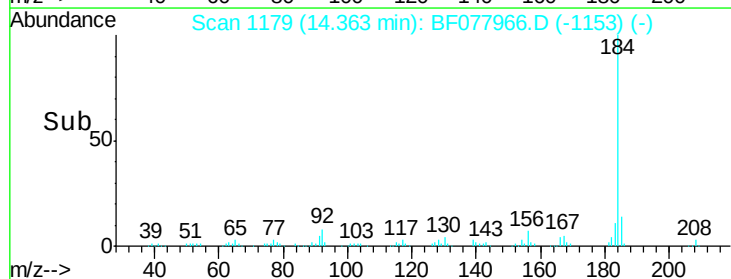
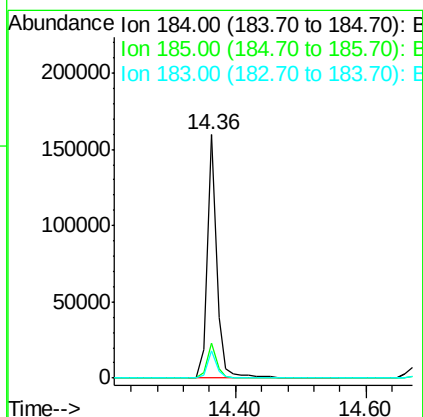
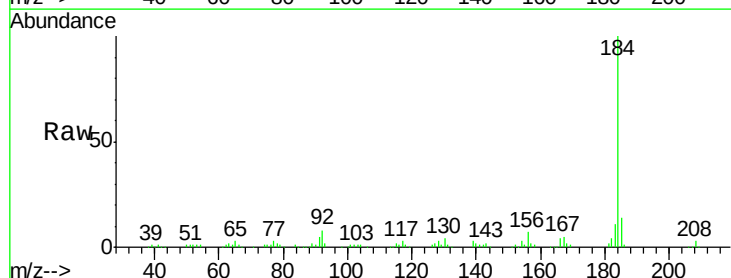
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

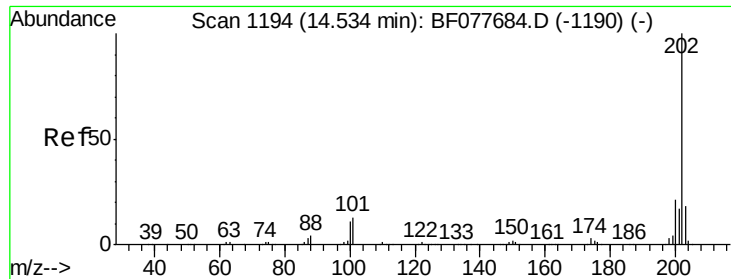
Tgt Ion:240 Resp: 211475
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.2 12.2
 236 25.2 20.0 30.0



#76
 Benzidine
 Concen: 30.87 ng
 RT: 14.36 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion:184 Resp: 162054
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.3 16.9
 183 11.3 8.9 13.3

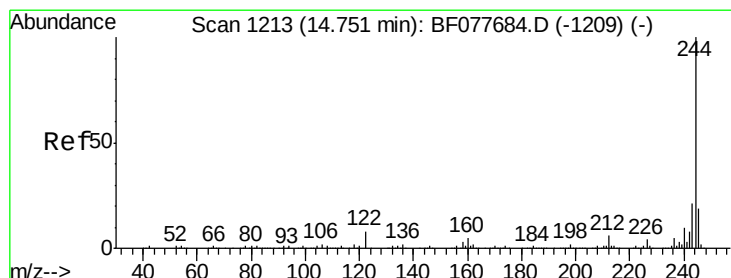
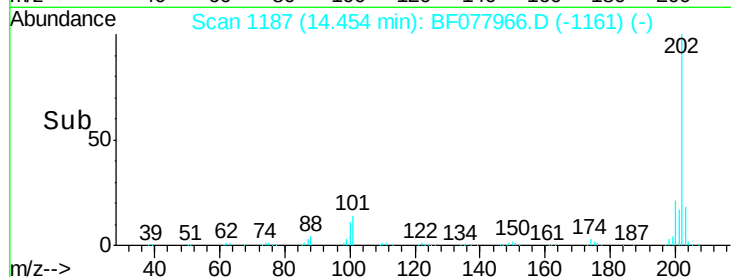
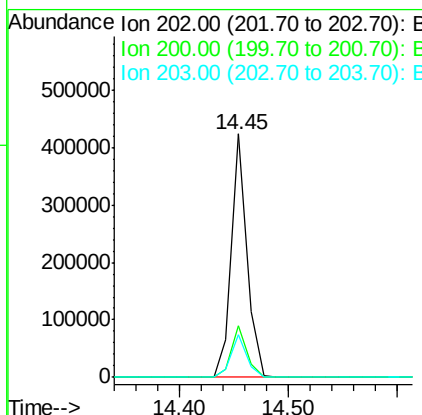
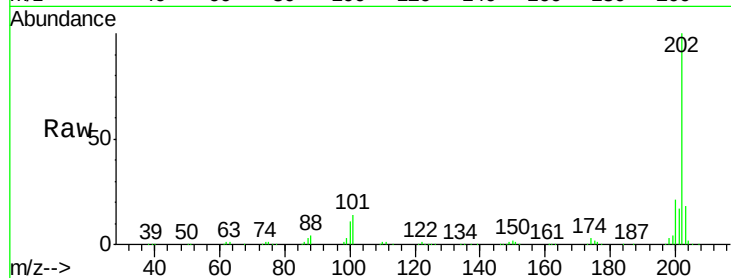




#77
 Pyrene
 Concen: 31.39 ng
 RT: 14.45 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

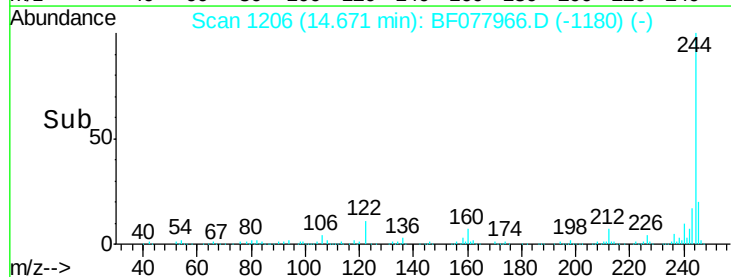
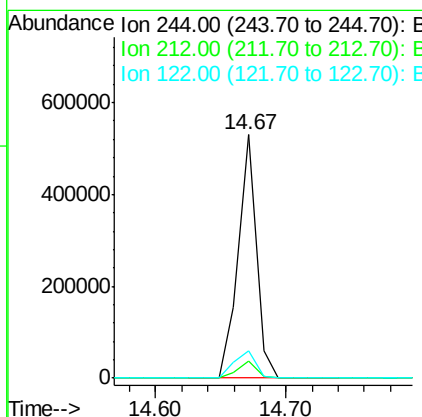
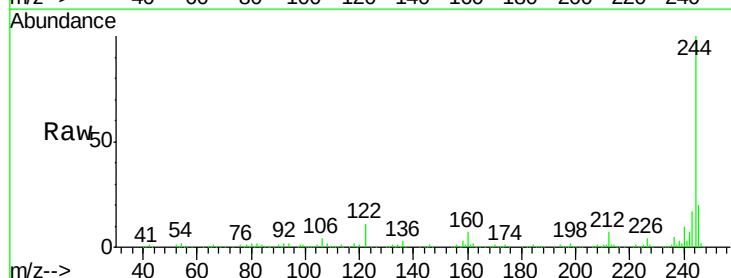
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

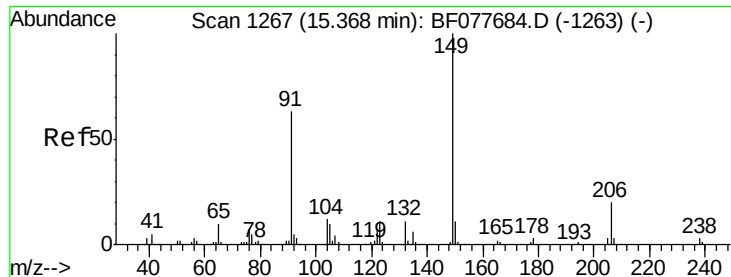
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	14.1	21.1



#78
 Terphenyl-d14
 Concen: 59.44 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	11.2	6.2	9.4

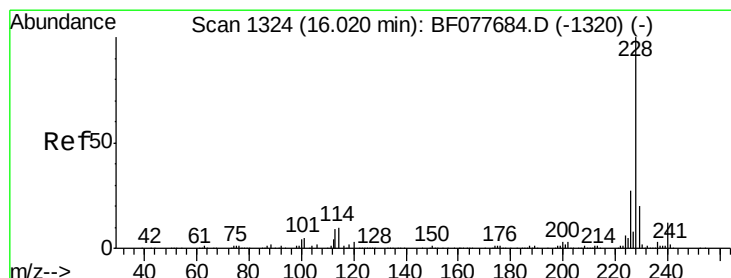
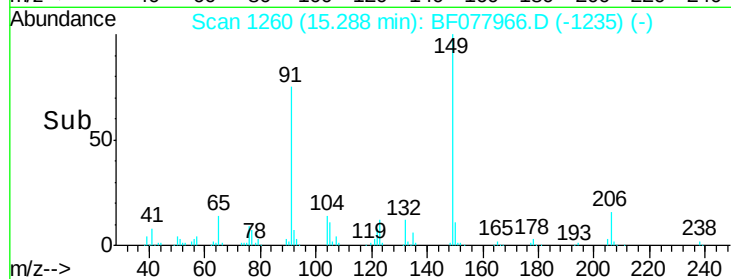
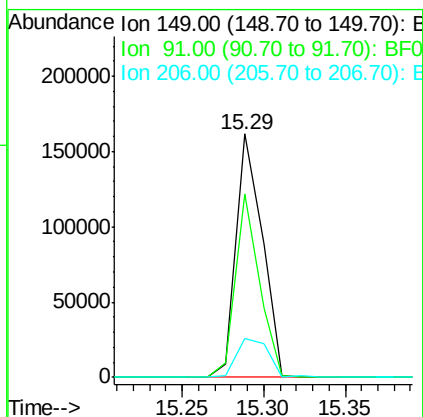
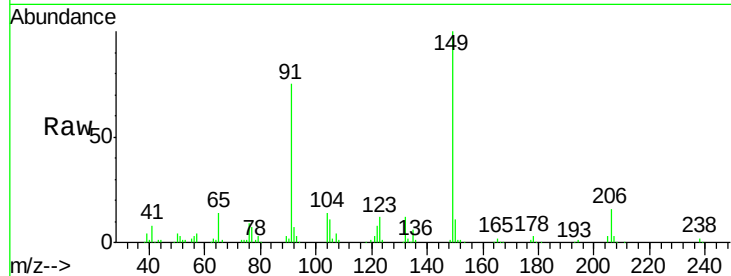




#79
Butylbenzylphthalate
Concen: 34.13 ng
RT: 15.29 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

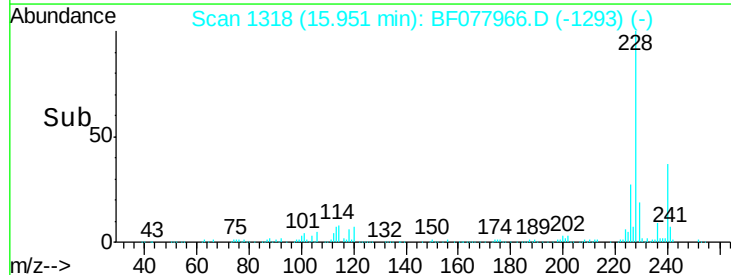
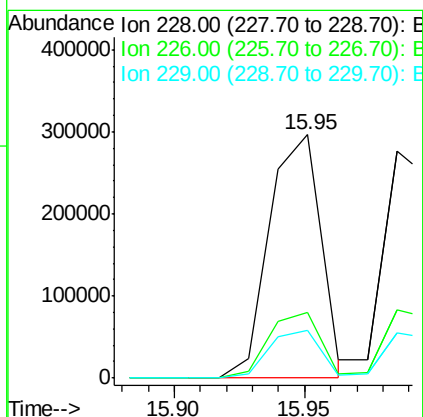
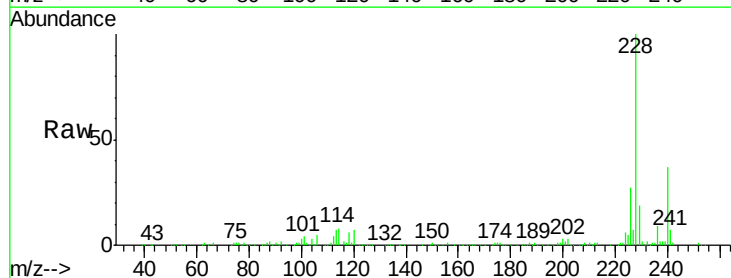
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

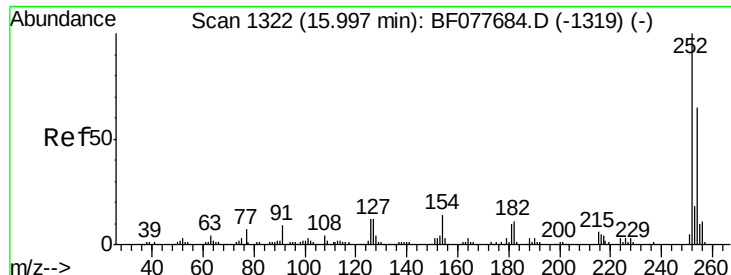
Tgt Ion:149 Resp: 178961
Ion Ratio Lower Upper
149 100
91 75.1 50.1 75.1
206 15.8 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 32.63 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion:228 Resp: 409022
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.4 16.0 24.0

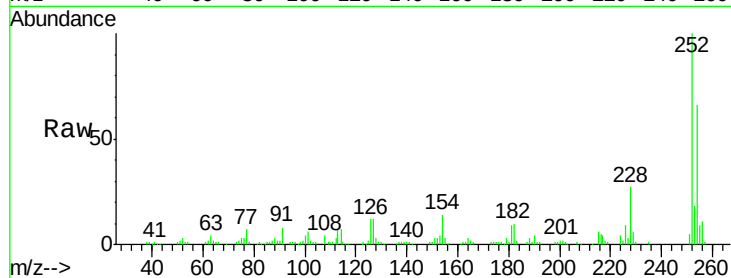




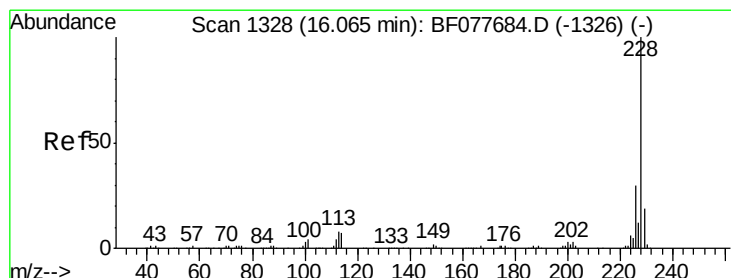
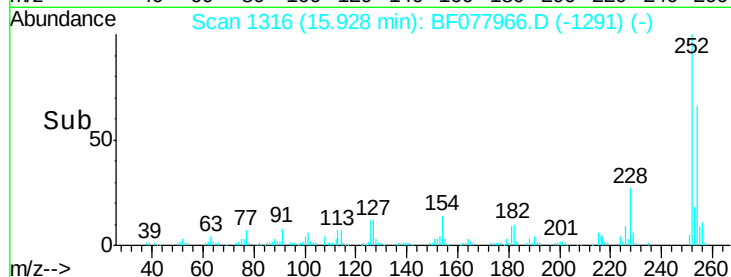
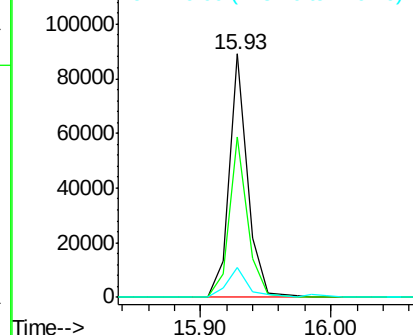
#81
 3,3'-Dichlorobenzidine
 Concen: 21.20 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.9	77.9
126	12.5	9.8	14.8

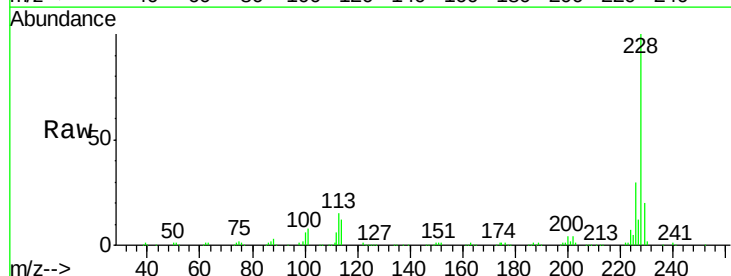


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

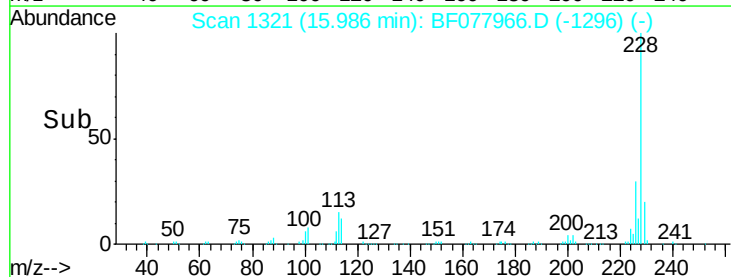
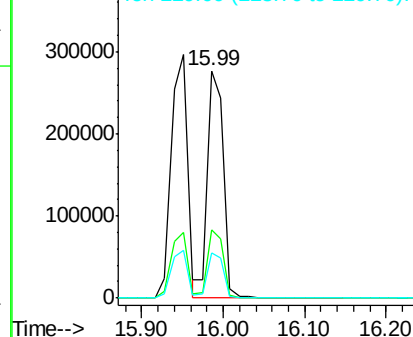


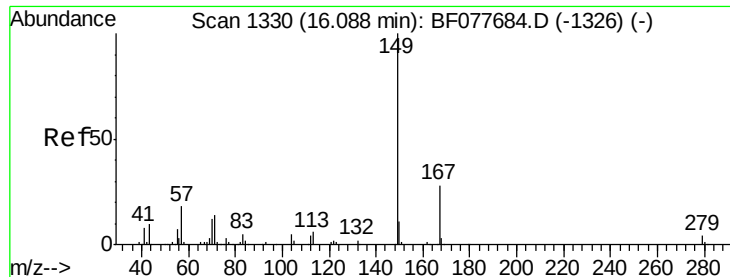
#82
 Chrysene
 Concen: 34.28 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF077966.D
 Acq: 25 Mar 2015 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.7	15.5	23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.07 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

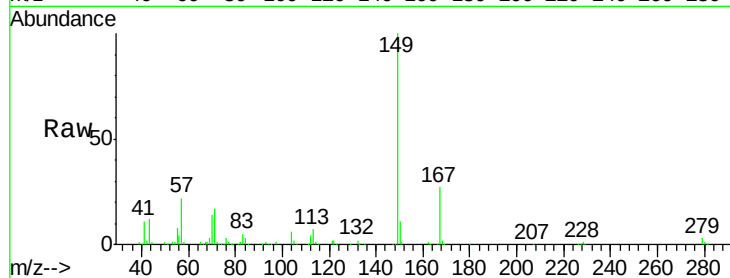
Tgt Ion:149 Resp: 270578

Ion Ratio Lower Upper

149 100

167 27.0 22.4 33.6

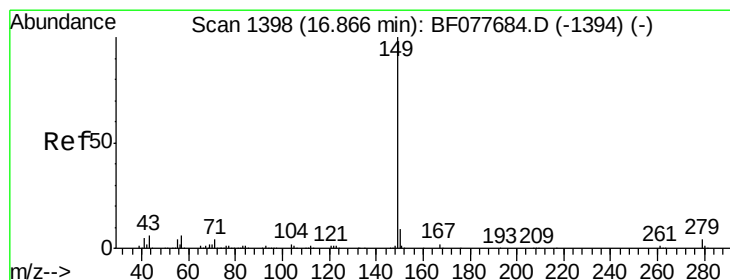
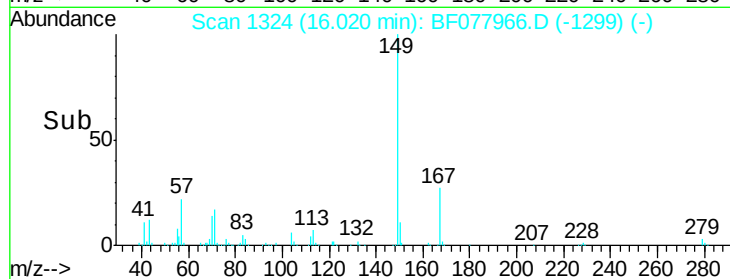
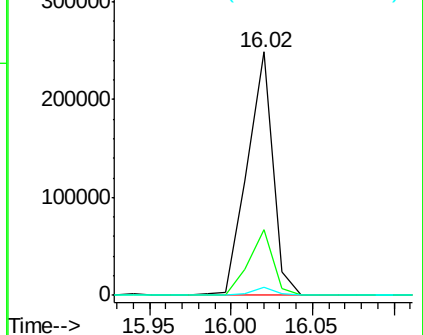
279 3.4 3.4 5.0



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: 34.00 ng

RT: 16.82 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

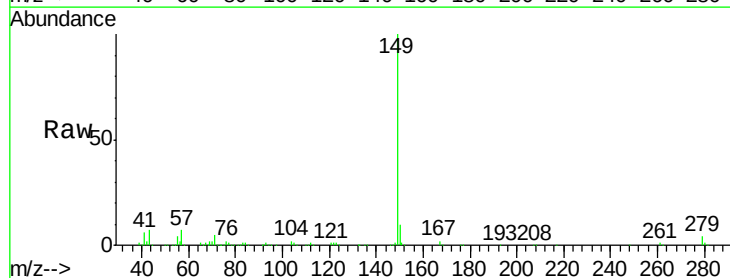
Tgt Ion:149 Resp: 461744

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

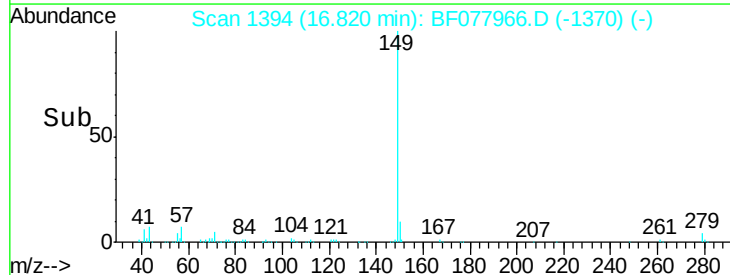
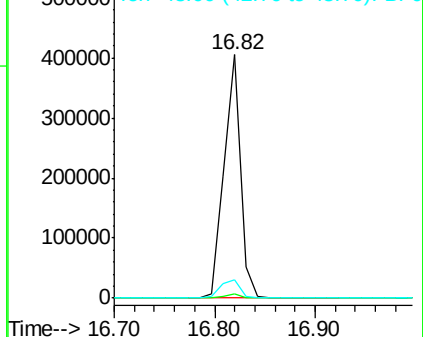
43 8.7 7.3 10.9

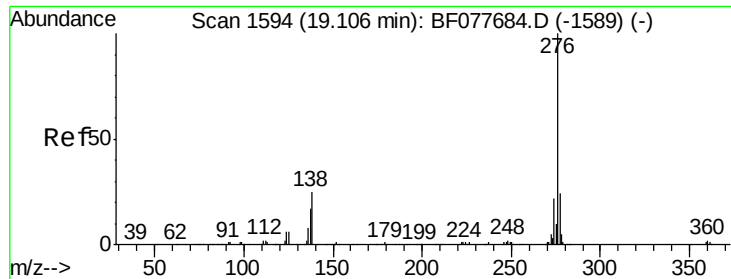


Abundance Ion 149.00 (148.70 to 149.70): E

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: 31.24 ng

RT: 19.07 min Scan# 1591

Delta R.T. -0.05 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

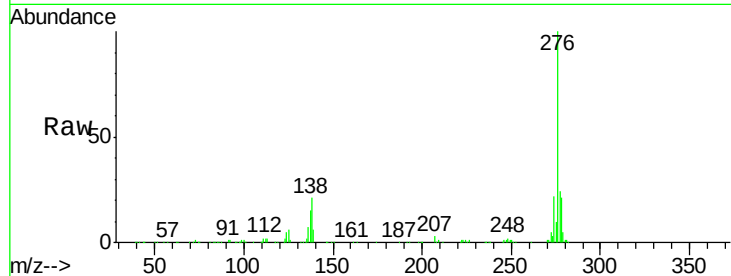
Tgt Ion:276 Resp: 439494

Ion Ratio Lower Upper

276 100

138 28.9 0.0 0.0#

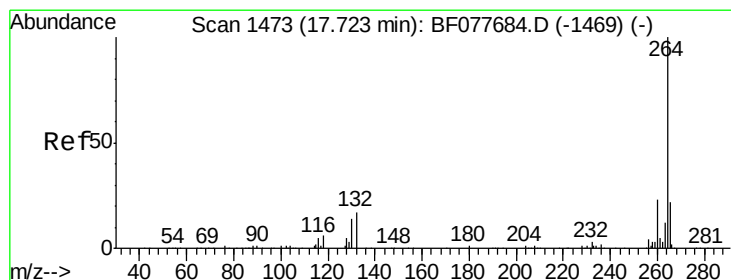
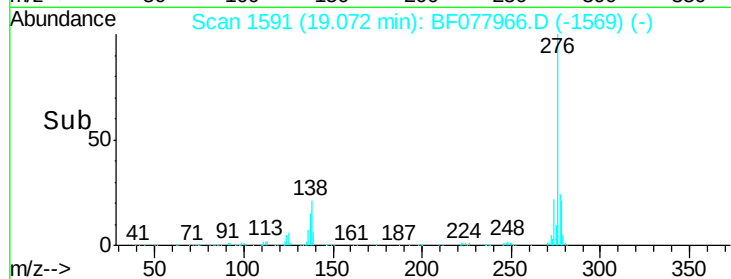
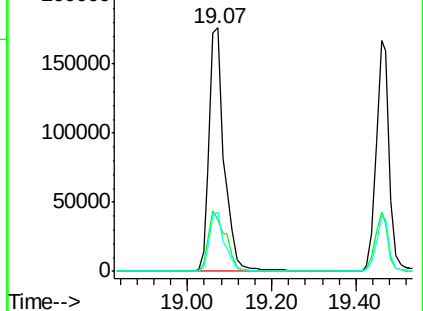
277 24.4 0.0 0.0#



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: 17.70 min Scan# 1471

Delta R.T. -0.05 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

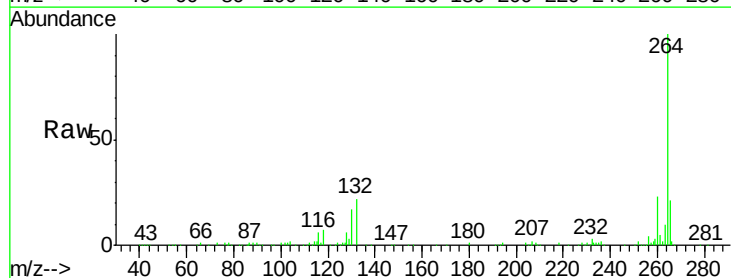
Tgt Ion:264 Resp: 209697

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

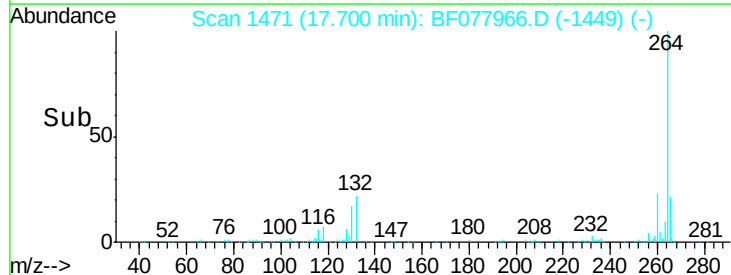
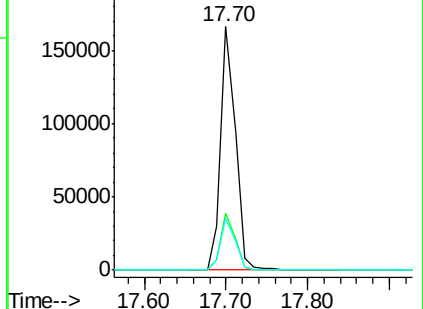
265 21.1 17.3 25.9

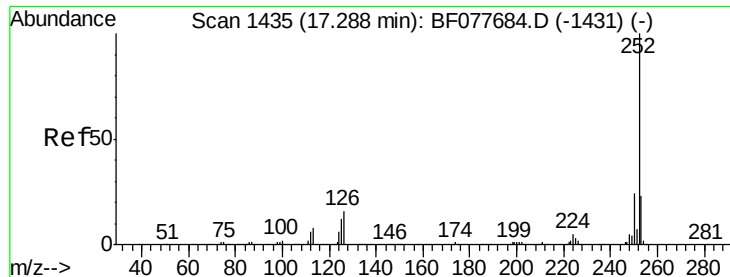


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 28.14 ng

RT: 17.25 min Scan# 1432

Delta R.T. -0.03 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD

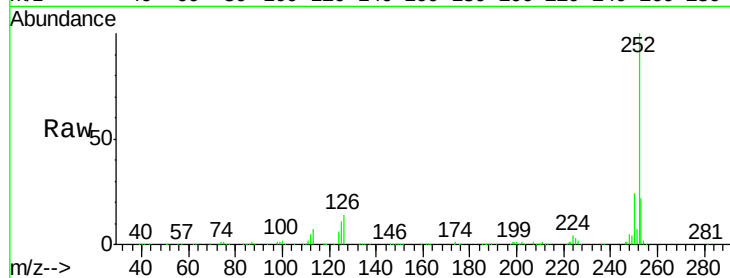
Tgt Ion:252 Resp: 385261

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

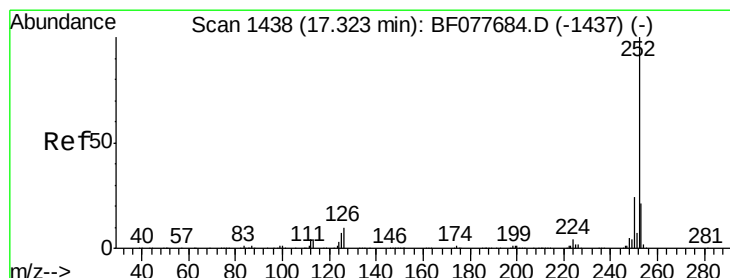
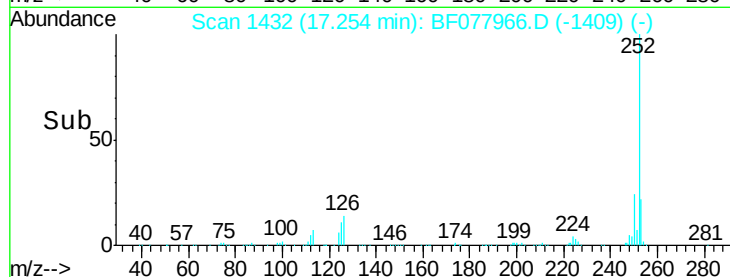
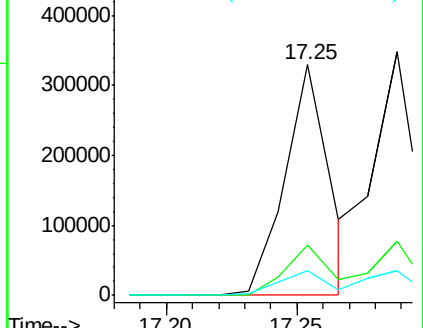
125 10.5 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.03 ng

RT: 17.25 min Scan# 1432

Delta R.T. -0.07 min

Lab File: BF077966.D

Acq: 25 Mar 2015 22:16

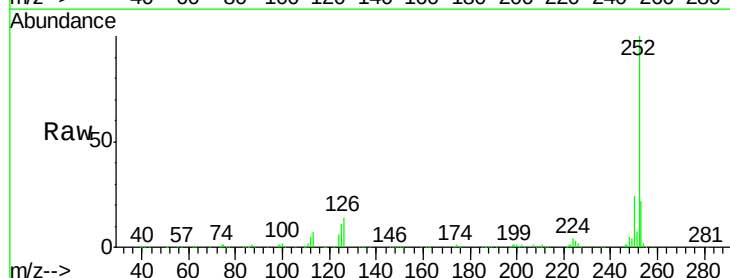
Tgt Ion:252 Resp: 385261

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

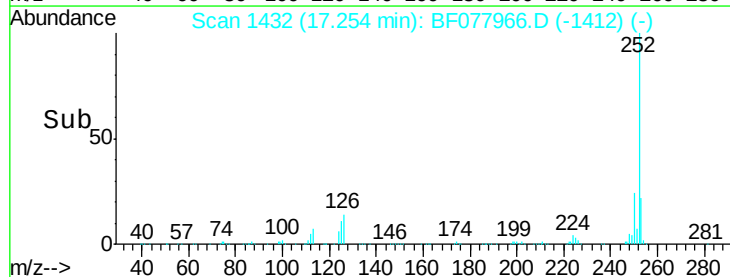
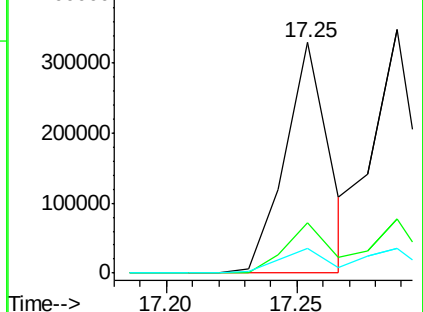
125 10.5 8.1 12.1

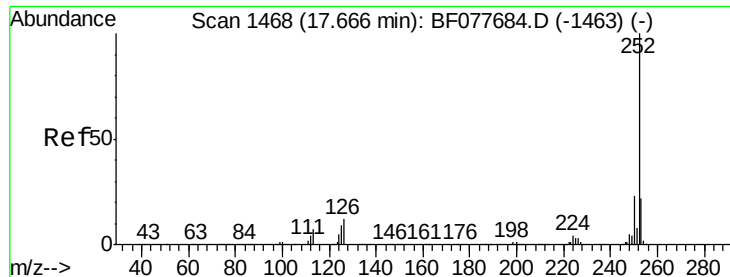


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

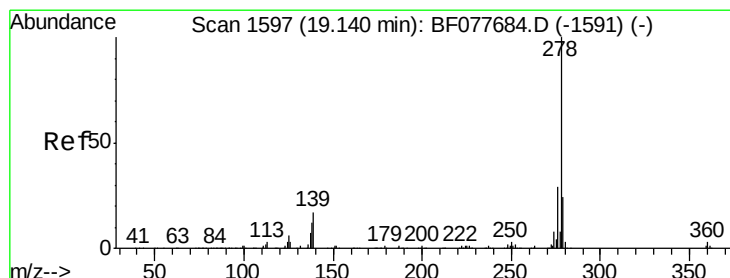
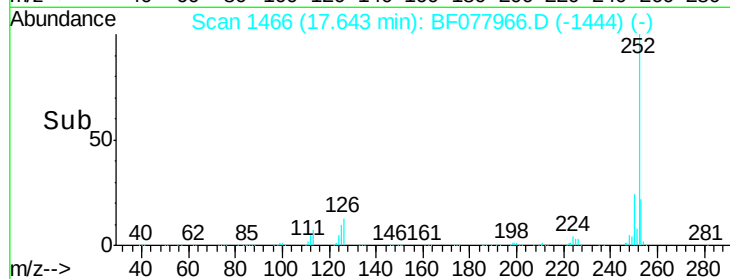
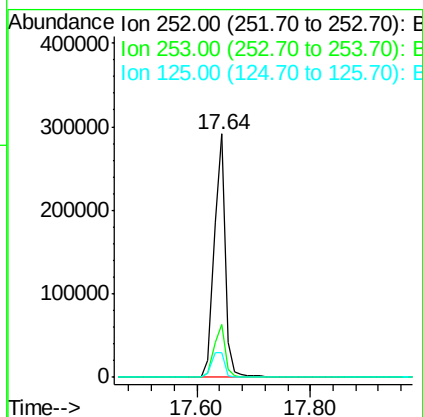
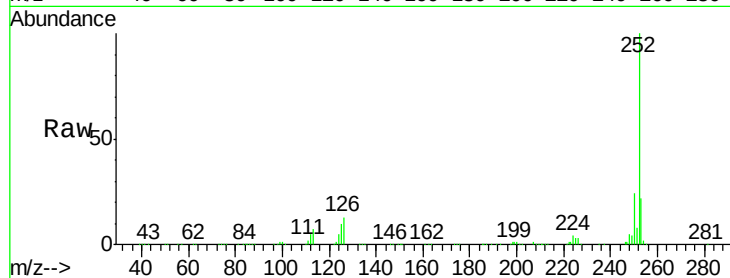




#89
Benzo(a)pyrene
Concen: 33.93 ng
RT: 17.64 min Scan# 1466
Delta R.T. -0.05 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

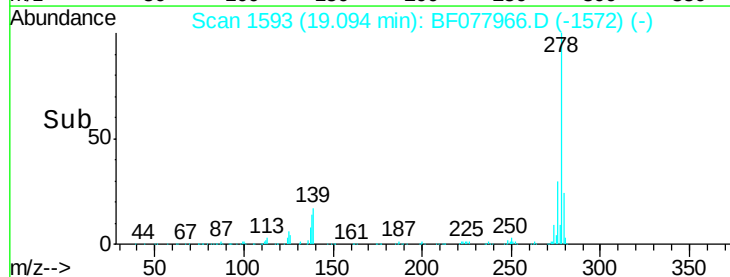
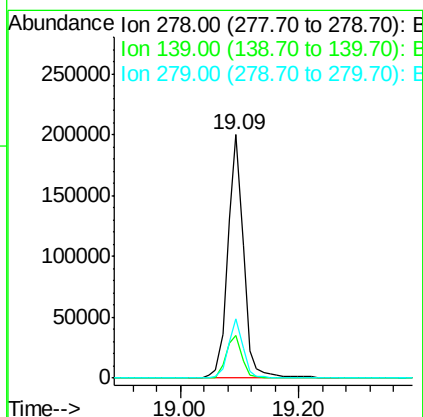
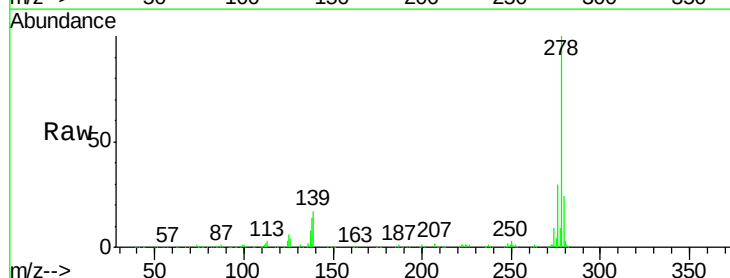
Instrument :
BNA_F
ClientSampleId :
PB82320BSD

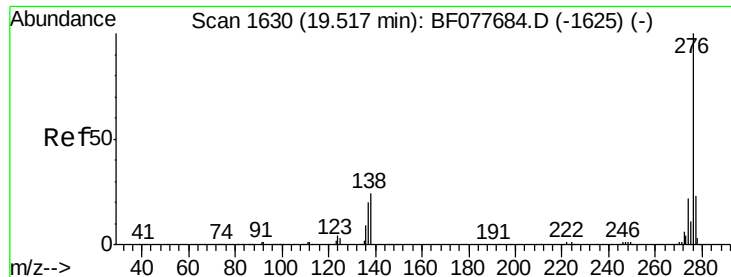
Tgt Ion: 252 Resp: 387597
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.2 7.4 11.2



#90
Dibenzo(a,h)anthracene
Concen: 32.39 ng
RT: 19.09 min Scan# 1593
Delta R.T. -0.06 min
Lab File: BF077966.D
Acq: 25 Mar 2015 22:16

Tgt Ion: 278 Resp: 366976
Ion Ratio Lower Upper
278 100
139 17.4 13.4 20.0
279 24.3 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 31.95 ng

RT: 19.46 min Scan# 1625

Delta R.T. -0.06 min

Lab File: BF077966.D

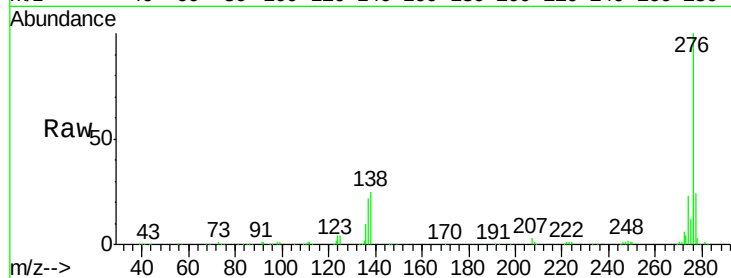
Acq: 25 Mar 2015 22:16

Instrument :

BNA_F

ClientSampleId :

PB82320BSD



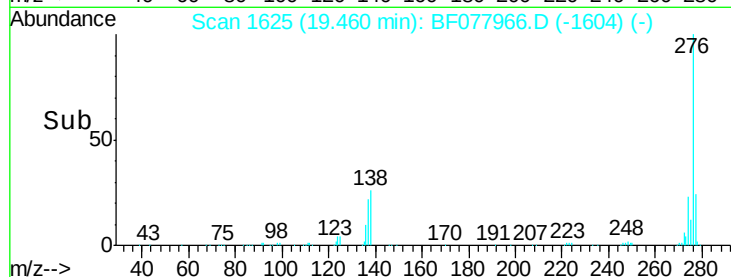
Tgt Ion: 276 Resp: 368484

Ion Ratio Lower Upper

276 100

277 24.2 18.5 27.7

138 25.4 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

