

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077913.D
 Acq On : 24 Mar 2015 16:01
 Operator : TP/IZ
 Sample : PB82277BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Manual Integrations
 APPROVED

mohammad
 3/25/2015 5:01:06 PM

Quant Time: Mar 25 01:29:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42069	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	168116	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	84129	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	164244	20.00	ng	0.00
75) Chrysene-d12	15.97	240	179942	20.00	ng	0.00
86) Perylene-d12	17.69	264	171094	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	310345	128.77	ng	0.00
7) Phenol-d6	6.69	99	388274	130.39	ng	0.00
23) Nitrobenzene-d5	7.81	82	233844	91.18	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	96533	119.93	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	501840	87.66	ng	0.00
78) Terphenyl-d14	14.69	244	600758	81.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	35569	32.51	ng	# 100
3) Pyridine	2.68	79	110916	37.73	ng	97
4) n-Nitrosodimethylamine	2.61	42	42022	32.83	ng	99
6) Aniline	6.70	93	67317	15.80	ng	# 1
8) 2-Chlorophenol	6.85	128	119829	41.77	ng	89
9) Benzaldehyde	6.57	77	5539	4.54	ng	95
10) Phenol	6.70	94	139073	39.51	ng	99
11) bis(2-Chloroethyl)ether	6.81	93	109392	41.49	ng	92
12) 1,3-Dichlorobenzene	7.04	146	129316	40.53	ng	98
13) 1,4-Dichlorobenzene	7.14	146	130376	39.32	ng	99
14) 1,2-Dichlorobenzene	7.32	146	123459	40.62	ng	98
15) Benzyl Alcohol	7.31	79	90936	39.12	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.48	45	150192	42.27	ng	98
17) 2-Methylphenol	7.46	107	97403	41.71	ng	99
18) Hexachloroethane	7.73	117	44830	41.23	ng	91
19) n-Nitroso-di-n-propylamine	7.64	70	82849	40.22	ng	# 94
20) 3+4-Methylphenols	7.65	107	123760	40.38	ng	98
22) Acetophenone	7.63	105	164480	44.19	ng	# 95
24) Nitrobenzene	7.84	77	118662	42.95	ng	# 88
25) Isophorone	8.13	82	213247	41.17	ng	95
26) 2-Nitrophenol	8.22	139	53644	39.66	ng	# 80
27) 2,4-Dimethylphenol	8.30	122	105940	42.99	ng	99
28) bis(2-Chloroethoxy)methane	8.42	93	141210	44.92	ng	99
29) 2,4-Dichlorophenol	8.53	162	98239	41.82	ng	96
30) 1,2,4-Trichlorobenzene	8.62	180	107635	40.95	ng	96
31) Naphthalene	8.72	128	351957	40.76	ng	99
32) Benzoic acid	8.42	122	38345	29.19	ng	97
33) 4-Chloroaniline	8.80	127	53975	15.40	ng	# 92
34) Hexachlorobutadiene	8.88	225	62096	41.69	ng	99
35) Caprolactam	9.23	113	29226	42.57	ng	# 84
36) 4-Chloro-3-methylphenol	9.41	107	105052	44.45	ng	87
37) 2-Methylnaphthalene	9.57	142	241227	41.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	101996	40.65	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	105764	84.03	ng	98

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Quant Time: Mar 25 01:29:36 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	69548	40.01	ng	99
43) 2,4,5-Trichlorophenol	9.98	196	73648	39.22	ng #	95
45) 1,1'-Biphenyl	10.16	154	280266	41.67	ng	97
46) 2-Chloronaphthalene	10.18	162	227814	41.68	ng	95
47) 2-Nitroaniline	10.32	65	61427	45.26	ng	95
48) Acenaphthylene	10.68	152	355421	39.11	ng	99
49) Dimethylphthalate	10.56	163	269004	43.11	ng	99
50) 2,6-Dinitrotoluene	10.63	165	58868	45.51	ng #	85
51) Acenaphthene	10.90	154	208859	40.08	ng	100
52) 3-Nitroaniline	10.82	138	31909	21.24	ng #	72
53) 2,4-Dinitrophenol	10.96	184	38177	80.31	ng	95
54) Dibenzofuran	11.12	168	314256	40.66	ng	95
55) 4-Nitrophenol	11.05	139	86276	77.54	ng #	68
56) 2,4-Dinitrotoluene	11.12	165	74072	43.92	ng	96
57) Fluorene	11.54	166	258293	40.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.28	232	59411	41.09	ng #	100
59) Diethylphthalate	11.43	149	252674	41.56	ng	96
60) 4-Chlorophenyl-phenylether	11.55	204	117629	40.16	ng	91
61) 4-Nitroaniline	11.57	138	54466	36.38	ng #	70
62) Azobenzene	11.75	77	248425	42.75	ng	94
64) 4,6-Dinitro-2-methylphenol	11.62	198	30123	39.66	ng	76
65) n-Nitrosodiphenylamine	11.70	169	227099	41.52	ng	98
66) 4-Bromophenyl-phenylether	12.16	248	72610	41.43	ng	96
67) Hexachlorobenzene	12.21	284	78431	40.72	ng	99
68) Atrazine	12.37	200	67793	44.23	ng	93
69) Pentachlorophenol	12.47	266	76270	75.78	ng	97
70) Phenanthrene	12.73	178	394996	41.89	ng	100
71) Anthracene	12.79	178	381715	40.98	ng	99
72) Carbazole	13.00	167	380492	42.94	ng	98
73) Di-n-butylphthalate	13.46	149	414934	41.76	ng	98
74) Fluoranthene	14.20	202	425799	40.94	ng	99
76) Benzidine	14.39	184	149567	33.52	ng	100
77) Pyrene	14.48	202	444695	39.30	ng	99
79) Butylbenzylphthalate	15.31	149	187676	42.07	ng	97
80) Benzo(a)anthracene	15.96	228	428093	40.13	ng	99
81) 3,3'-Dichlorobenzidine	15.94	252	80905	22.99	ng #	95
82) Chrysene	16.01	228	418922	43.68	ng	99
83) Bis(2-ethylhexyl)phthalate	16.03	149	284830	42.15	ng #	97
84) Di-n-octyl phthalate	16.82	149	477876	41.36	ng	100
85) Indeno(1,2,3-cd)pyrene	19.05	276	468107	39.10	ng #	100
87) Benzo(b)fluoranthene	17.25	252	429207	38.43	ng #	95
88) Benzo(k)fluoranthene	17.28	252	402017m	46.08	ng	
89) Benzo(a)pyrene	17.63	252	409282	43.92	ng	99
90) Dibenzo(a,h)anthracene	19.07	278	386712	41.84	ng #	95
91) Benzo(g,h,i)perylene	19.45	276	385290	40.94	ng	98

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

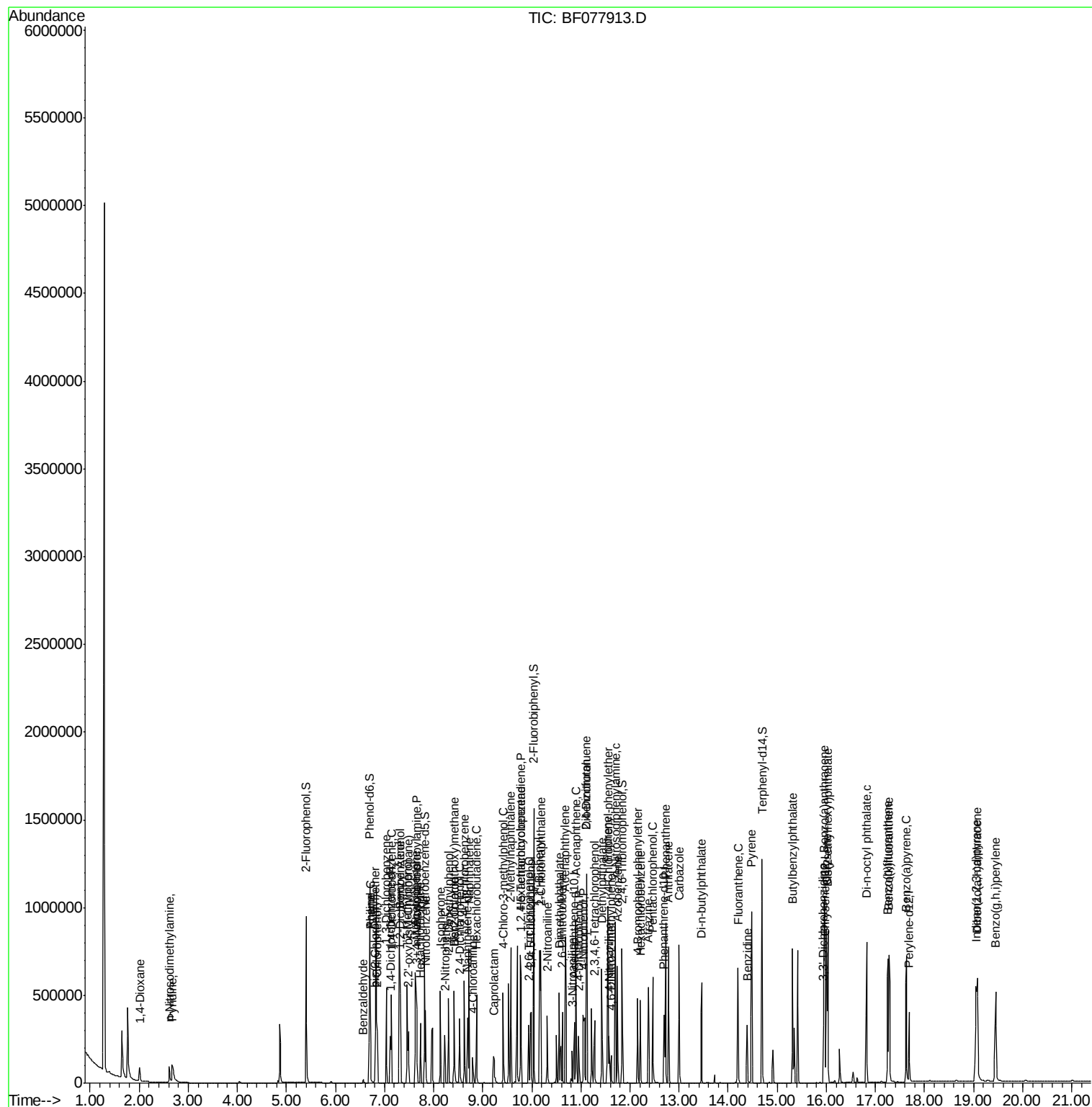
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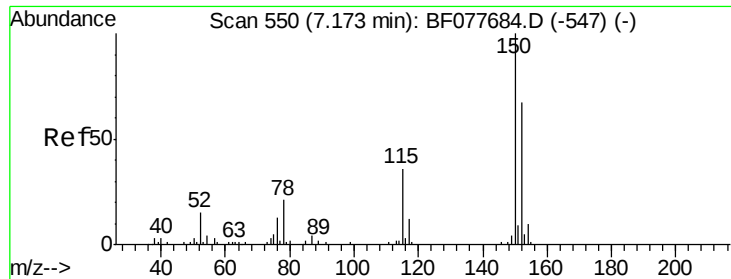
Instrument :
BNA_F
ClientSampleId :
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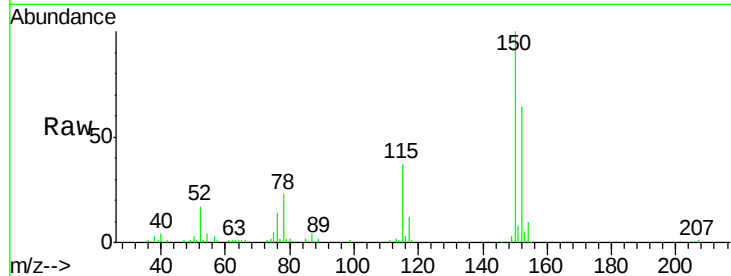




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

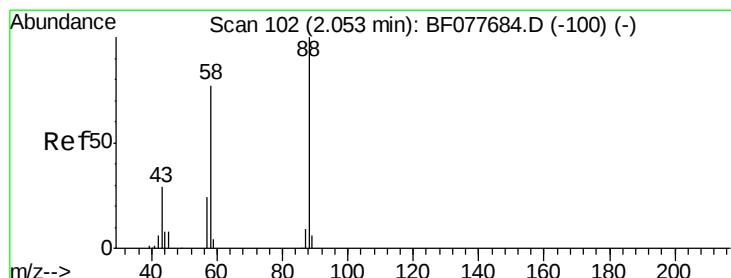
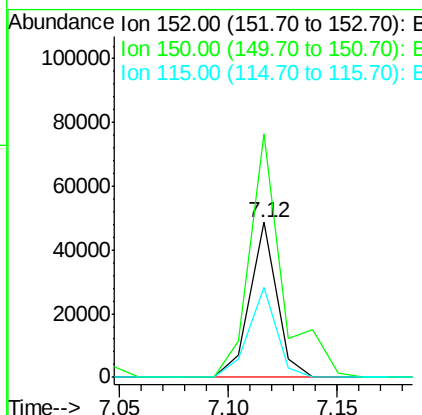
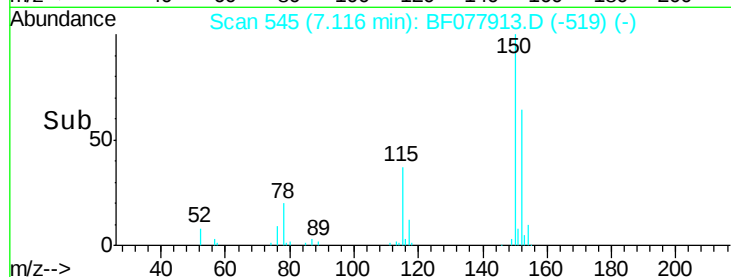
Instrument :
BNA_F
ClientSampleId :
PB82277BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	119.5	179.3
115	58.0	43.0	64.4

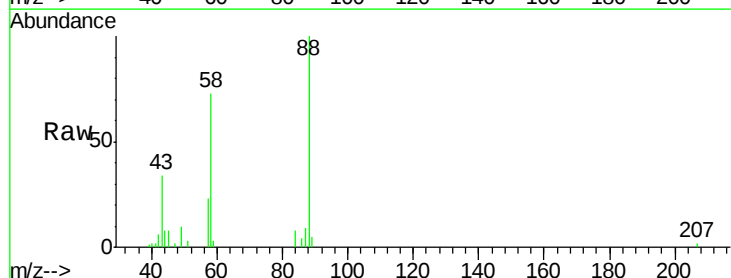
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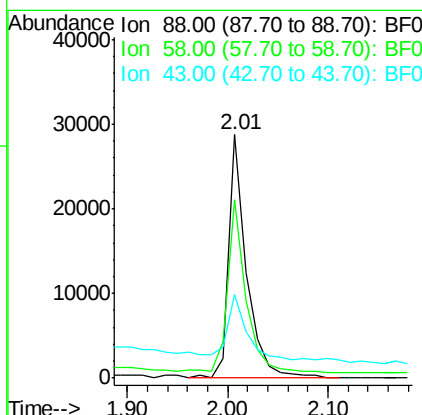
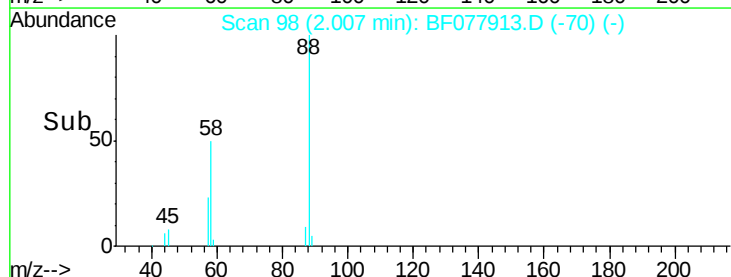


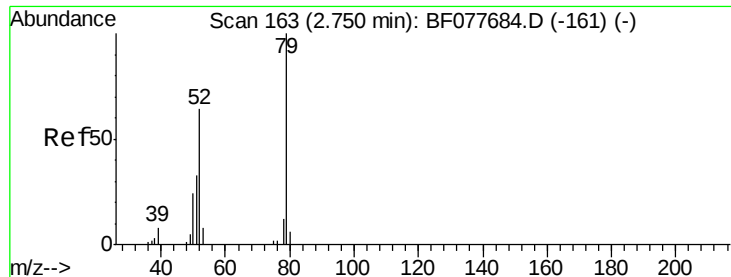
#2

1,4-Dioxane
Concen: 32.51 ng
RT: 2.01 min Scan# 98
Delta R.T. 0.02 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01



Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	0.0	0.0#
43	40.1	0.0	0.0#





#3

Pyridine

Concen: 37.73 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.03 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

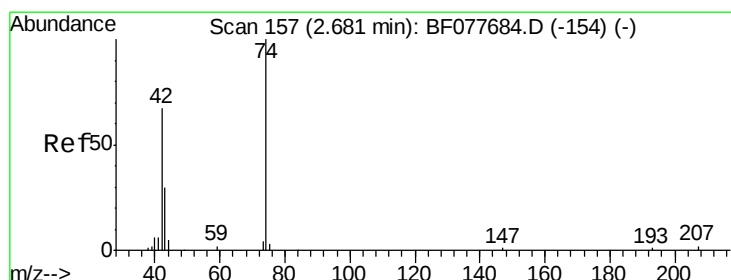
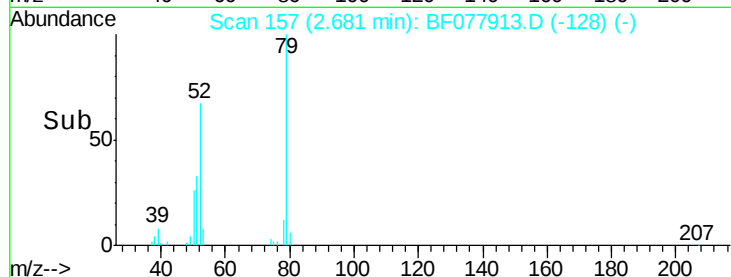
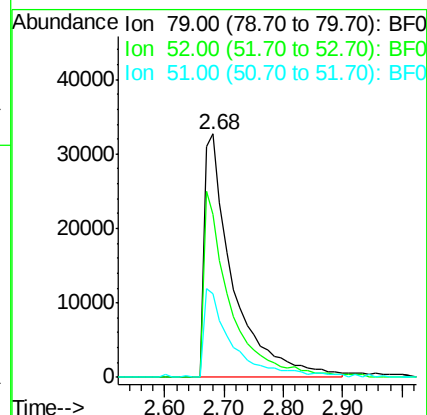
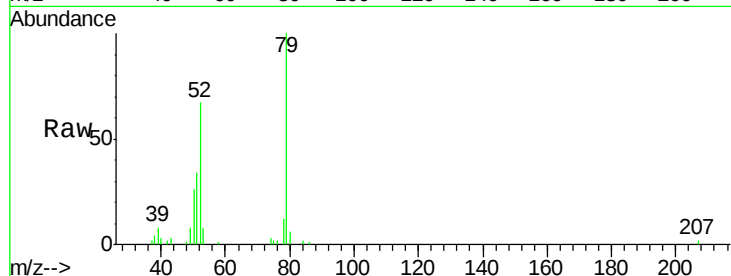
ClientSampleId :

PB82277BSD

Tgt Ion:	79	Resp:	110916
Ion	Ratio	Lower	Upper
79	100		
52	66.8	51.1	76.7
51	34.2	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 32.83 ng

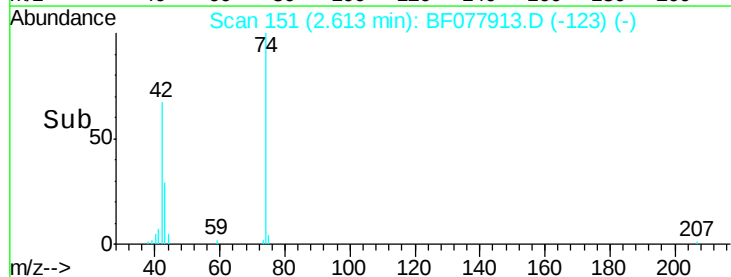
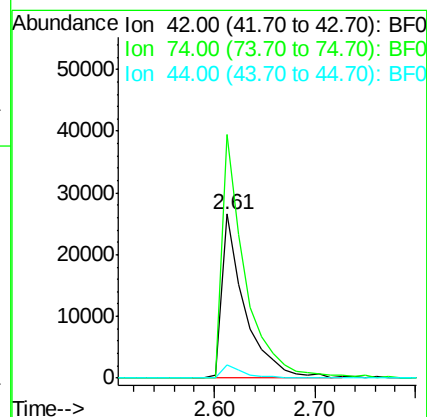
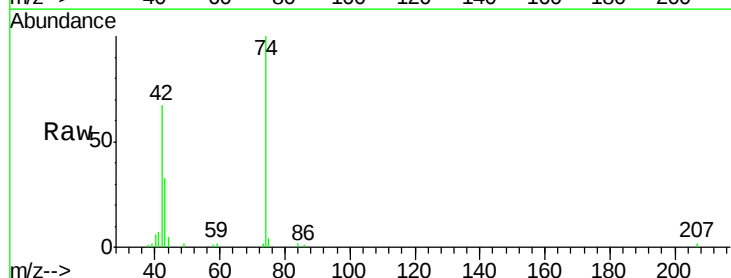
RT: 2.61 min Scan# 151

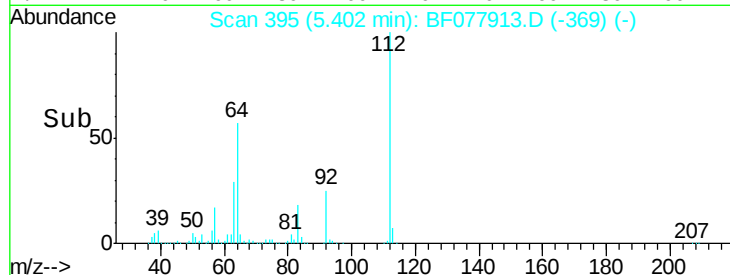
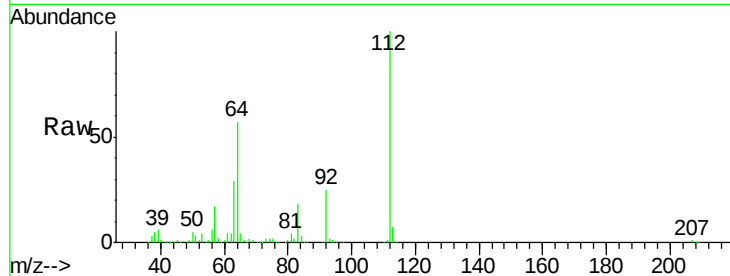
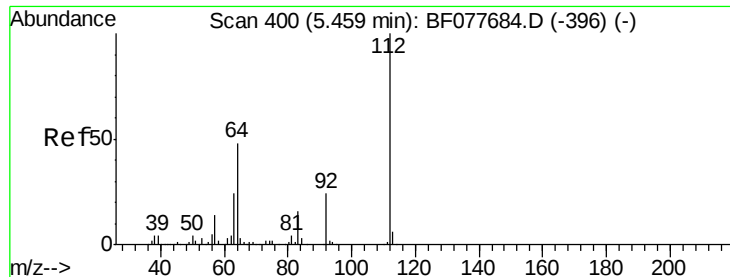
Delta R.T. 0.02 min

Lab File: BF077913.D

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Tgt Ion:	42	Resp:	42022
Ion	Ratio	Lower	Upper
42	100		
74	148.6	119.3	178.9
44	7.9	5.4	8.2





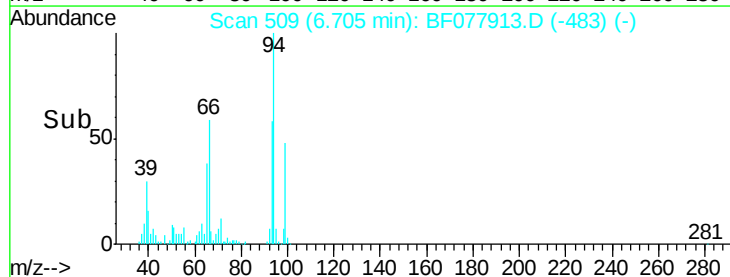
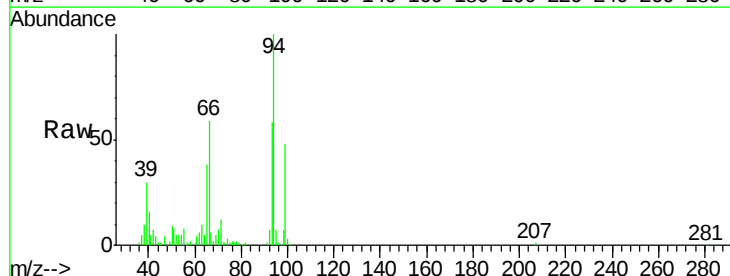
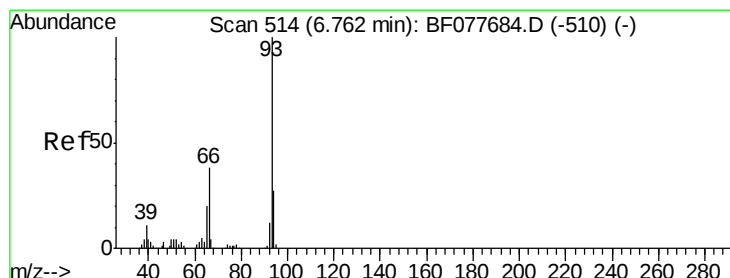
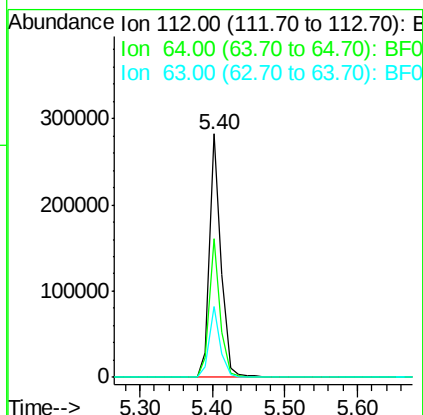
#5
2-Fluorophenol
Concen: 128.77 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	310345		
64	57.1	38.6	57.8	
63	29.3	19.3	28.9	

Instrument :
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ClientSampleId :
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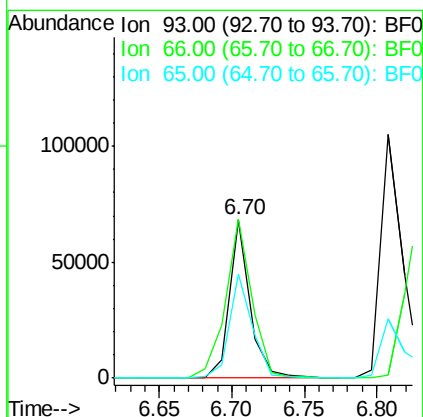
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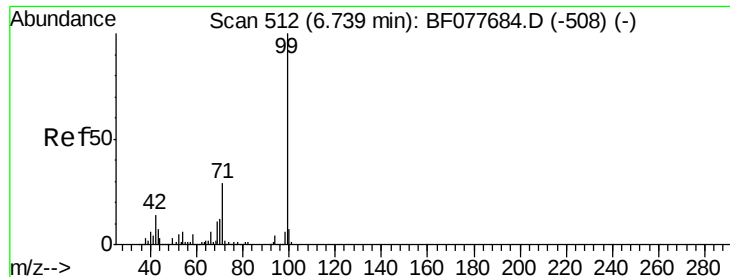
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#6
Aniline
Concen: 15.80 ng
RT: 6.70 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	67317		
66	101.0	30.8	46.2	
65	65.8	16.0	24.0	





#7

Phenol-d6

Concen: 130.39 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077913.D

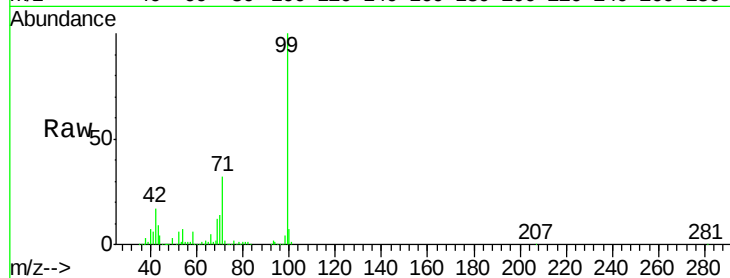
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Instrument :

BNA_F

ClientSampleId :

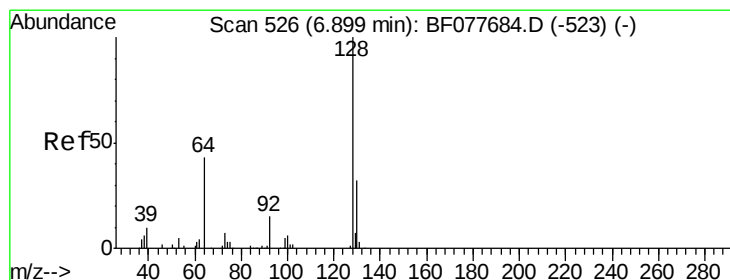
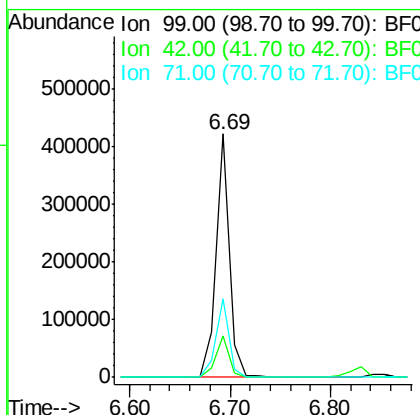
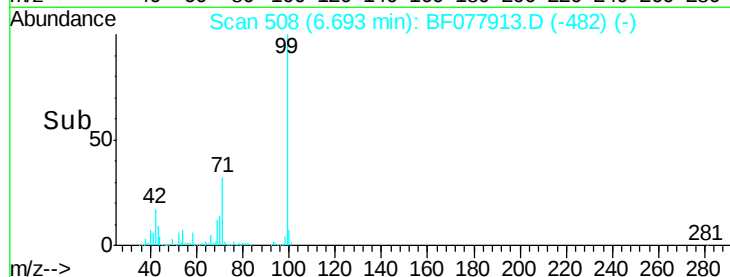
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	388274		
42	16.9	11.0	16.4#	
71	32.1	23.4	35.2	

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#8

2-Chlorophenol

Concen: 41.77 ng

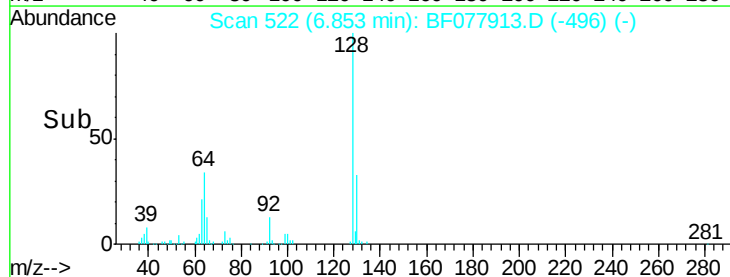
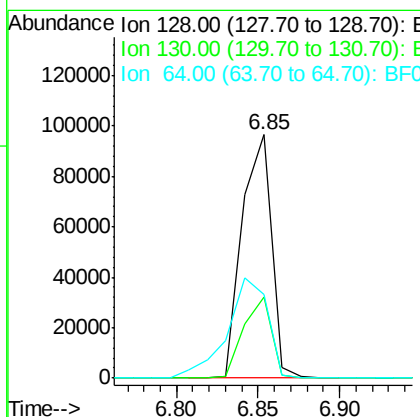
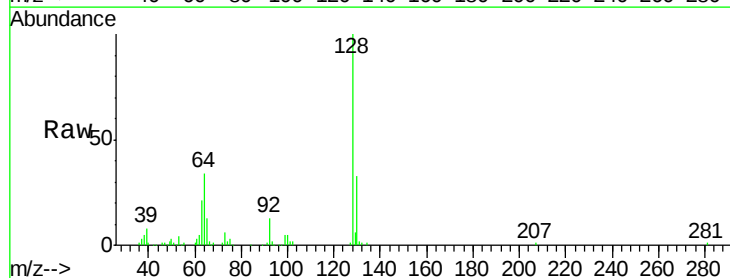
RT: 6.85 min Scan# 522

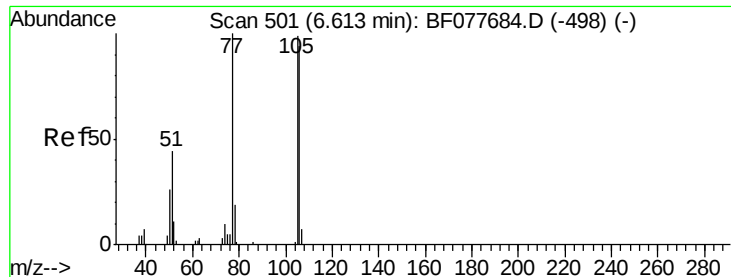
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	119829		
130	33.3	12.0	52.0	
64	34.2	24.9	64.9	





#9

Benzaldehyde

Concen: 4.54 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF077913.D

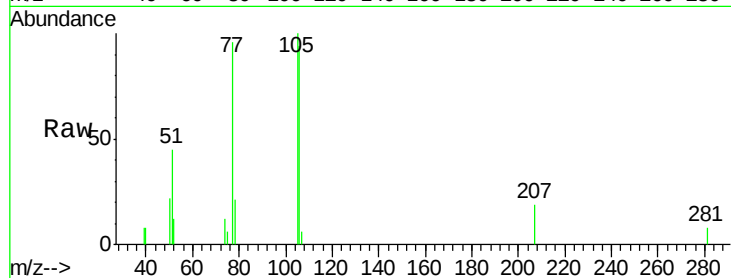
Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD



Tgt Ion: 77 Resp: 5539

Ion Ratio Lower Upper

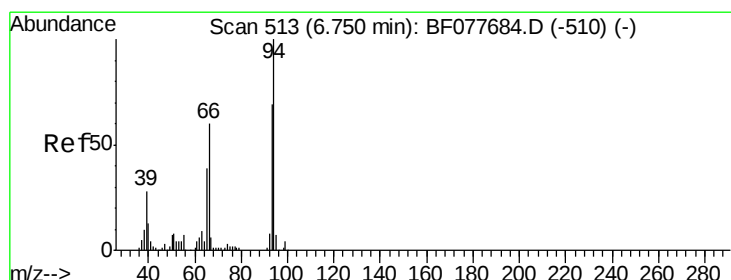
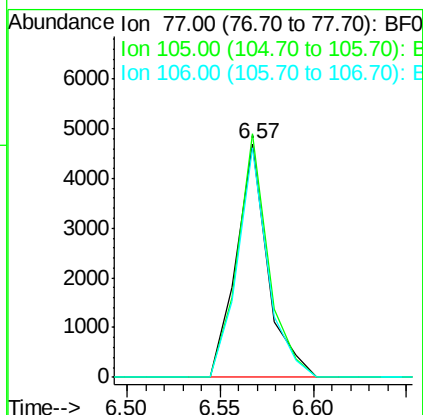
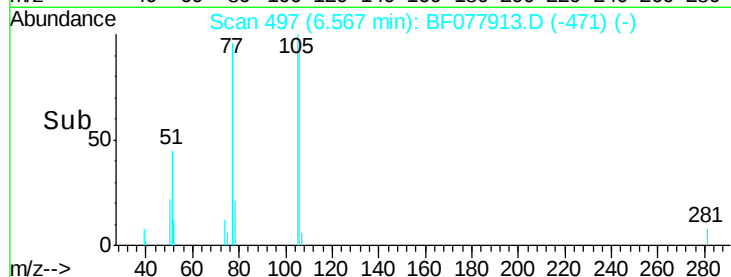
77 100

105 104.1 78.8 118.8

106 98.4 73.7 113.7

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#10

Phenol

Concen: 39.51 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

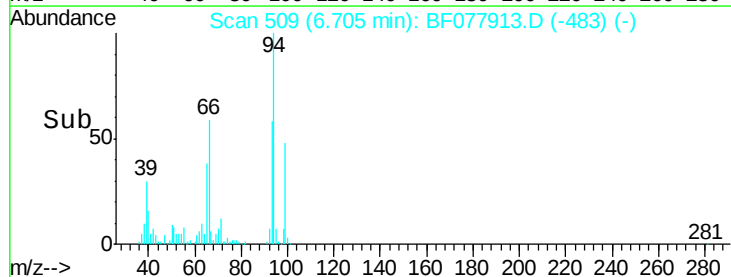
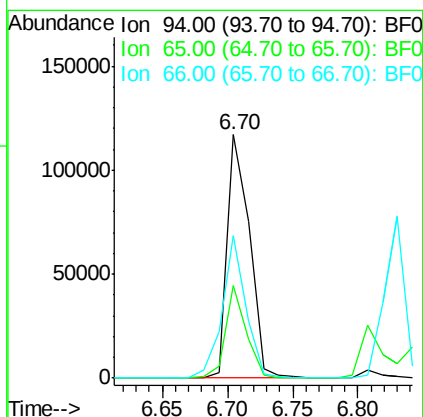
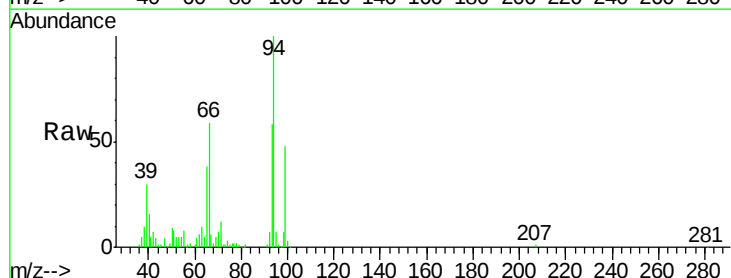
Tgt Ion: 94 Resp: 139073

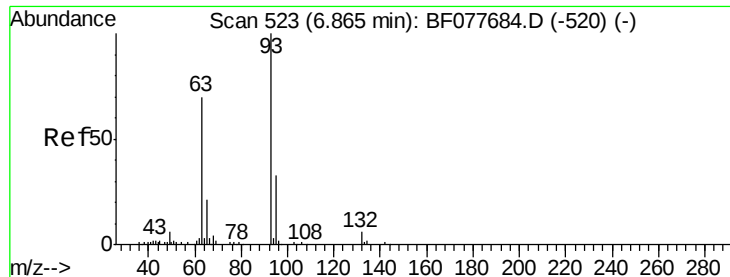
Ion Ratio Lower Upper

94 100

65 38.3 18.8 58.8

66 58.8 39.9 79.9





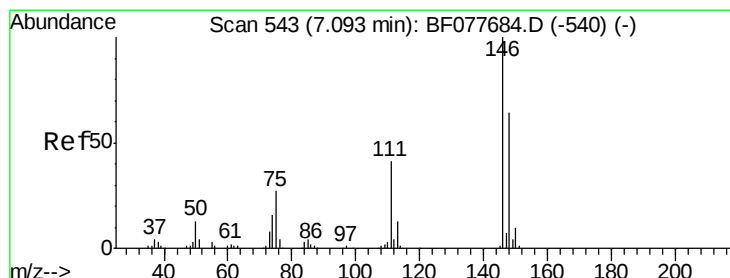
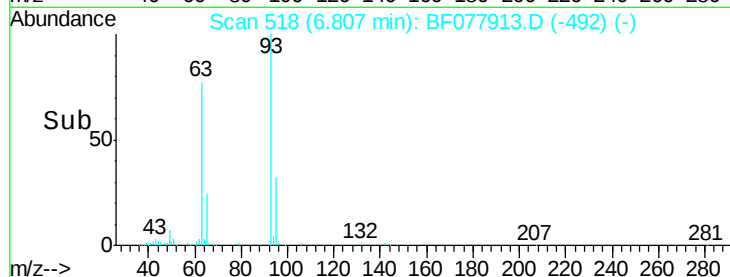
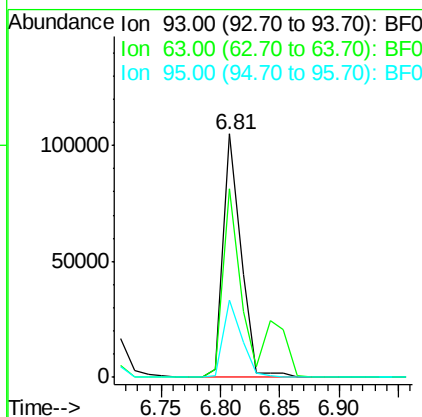
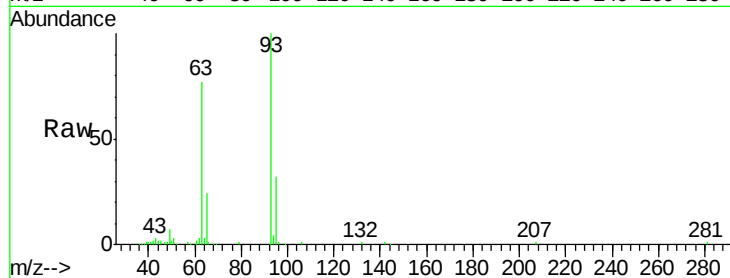
#11
bis(2-Chloroethyl)ether
Concen: 41.49 ng
RT: 6.81 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	109392		
63	77.4	49.5	89.5	
95	31.7	13.5	53.5	

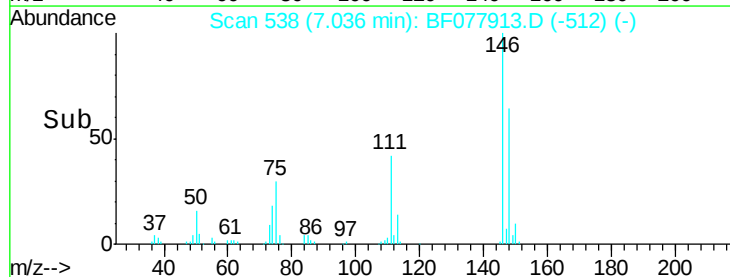
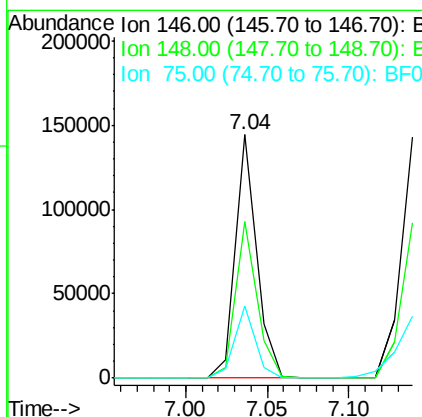
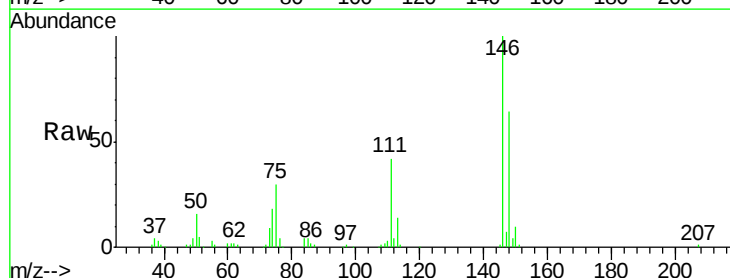
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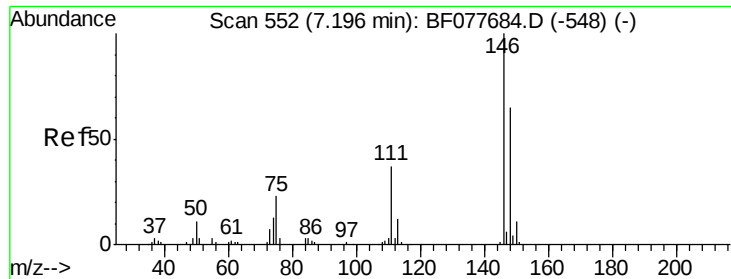
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.53 ng
RT: 7.04 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

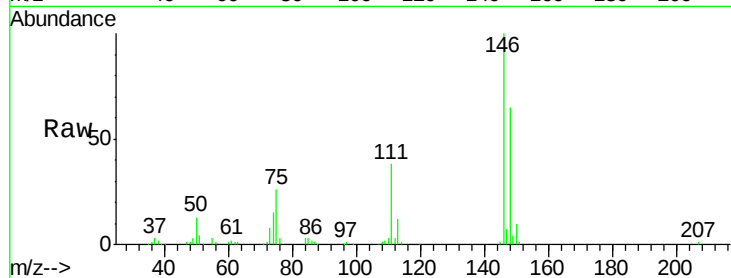
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129316		
148	64.2	50.9	76.3	
75	29.6	21.4	32.2	





#13
 1,4-Dichlorobenzene
 Concen: 39.32 ng
 RT: 7.14 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

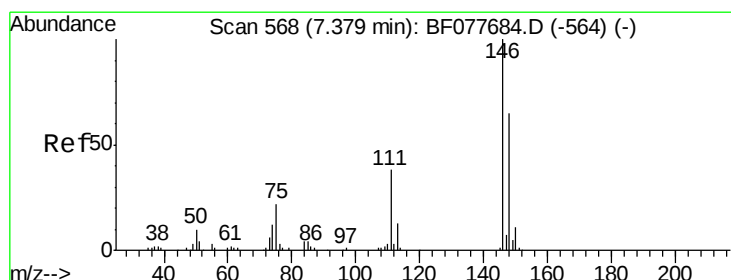
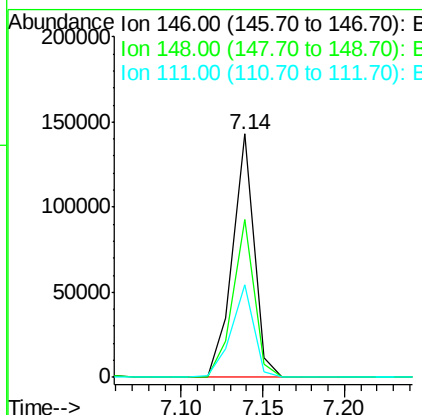
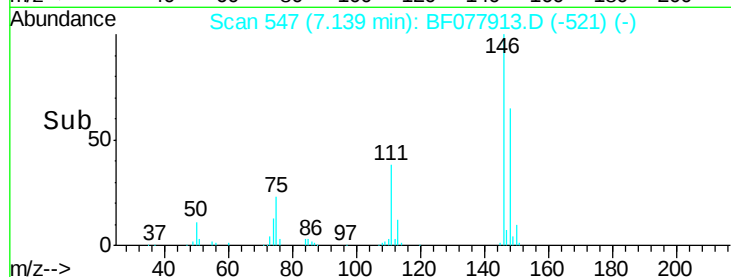
Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD



Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130376		
148	64.6	51.9	77.9	
111	38.0	29.2	43.8	

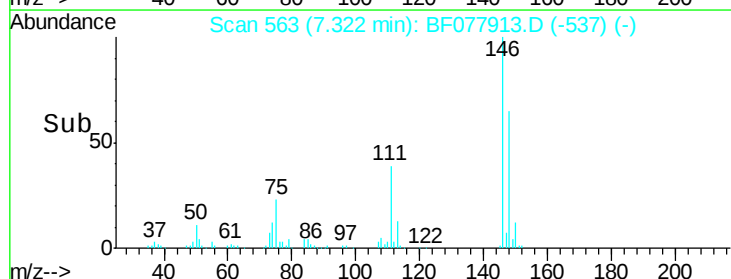
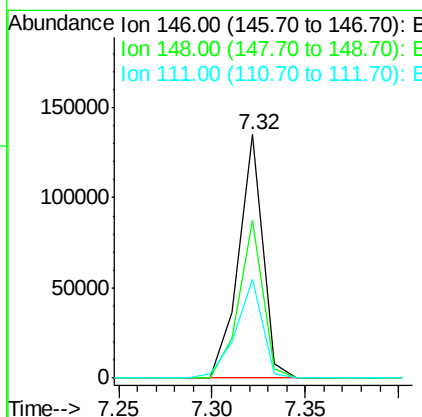
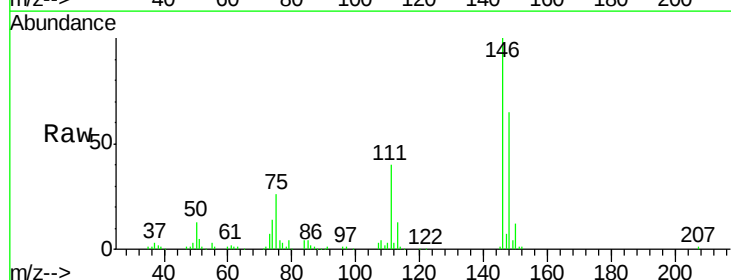
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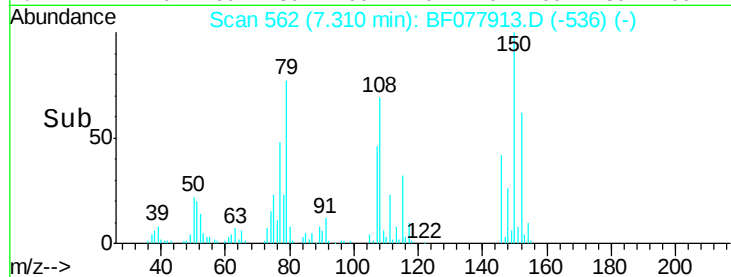
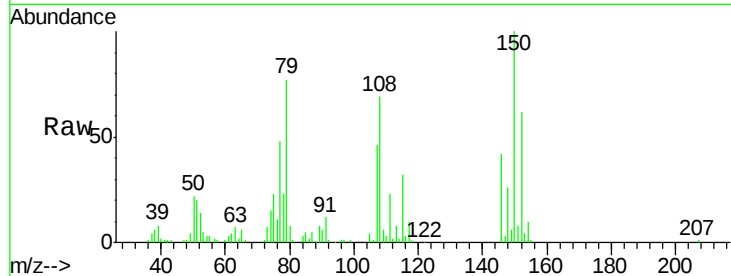
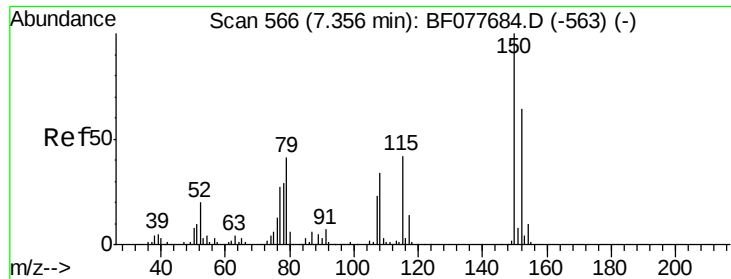
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#14
 1,2-Dichlorobenzene
 Concen: 40.62 ng
 RT: 7.32 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123459		
148	65.0	52.3	78.5	
111	40.4	30.6	45.8	





#15

Benzyl Alcohol

Concen: 39.12 ng

RT: 7.31 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:	79	Resp:	90936
Ion	Ratio	Lower	Upper
79	100		
108	90.6	65.0	97.4
77	63.2	53.0	79.6

Instrument :

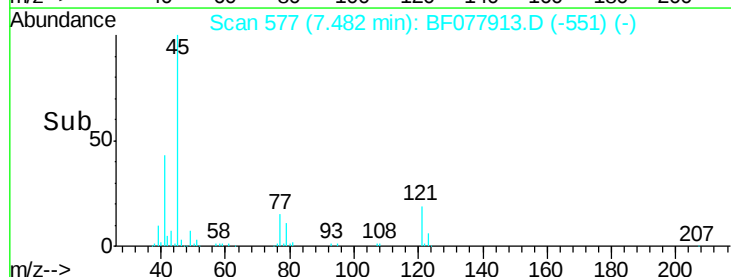
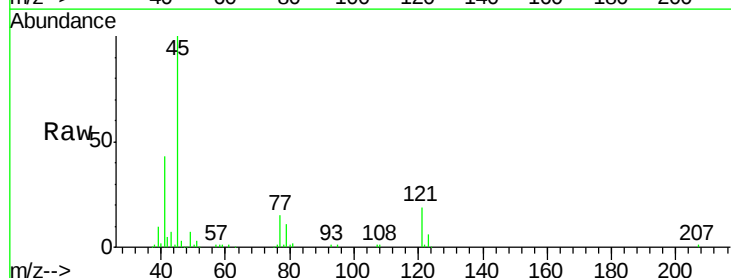
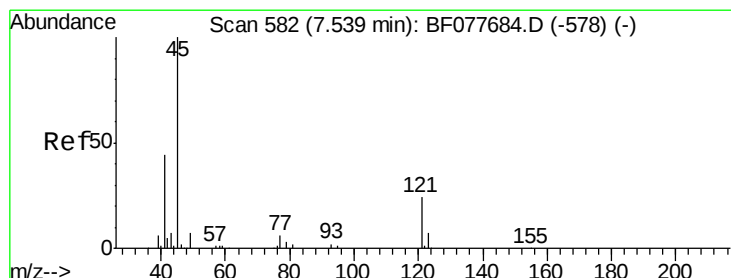
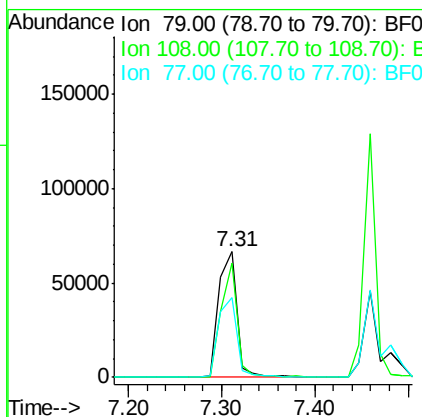
BNA_F

ClientSampleId :

PB82277BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.27 ng

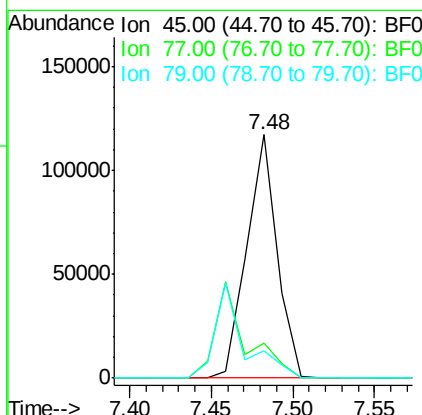
RT: 7.48 min Scan# 577

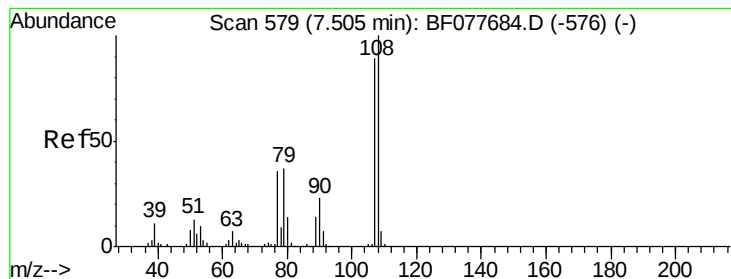
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

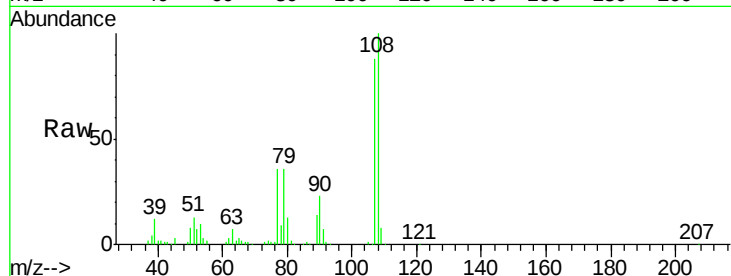
Tgt Ion:	45	Resp:	150192
Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	35.2
79	11.0	0.0	32.0





#17
2-Methylphenol
Concen: 41.71 ng
RT: 7.46 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

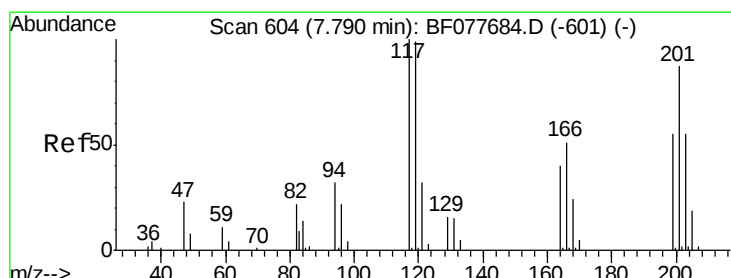
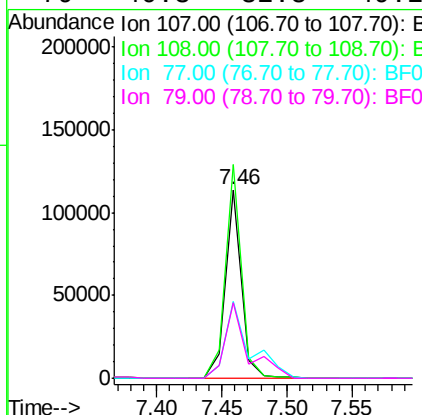
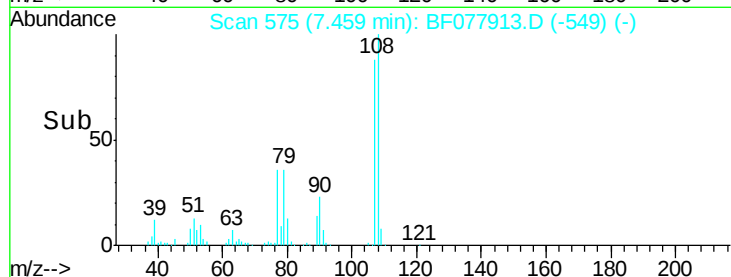
Instrument :
BNA_F
ClientSampleId :
PB82277BSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	97403		
108	113.4	89.8	134.8	
77	40.8	32.6	48.8	
79	40.3	32.8	49.2	

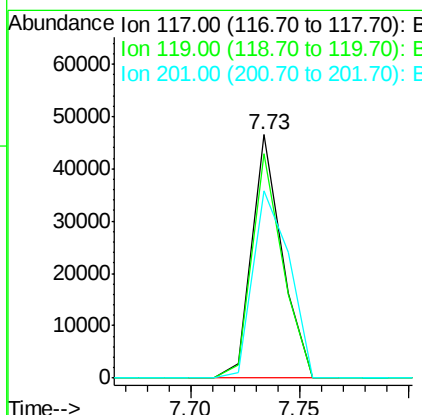
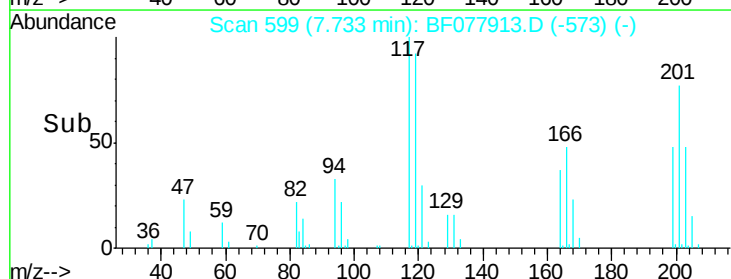
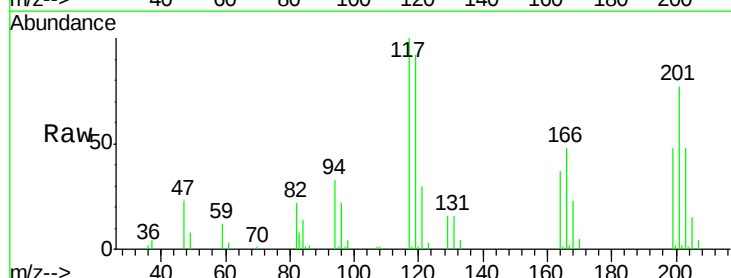
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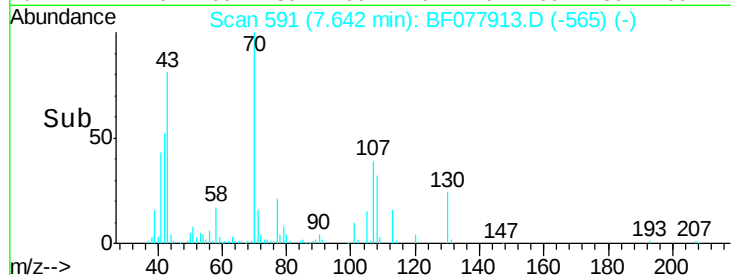
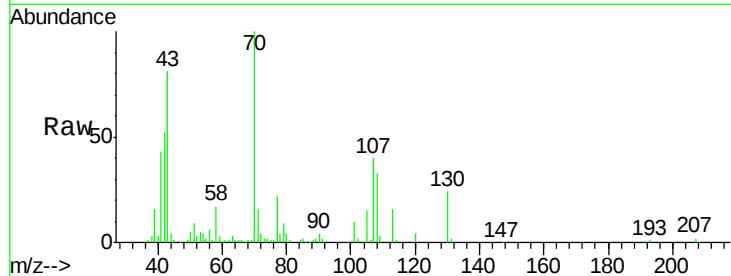
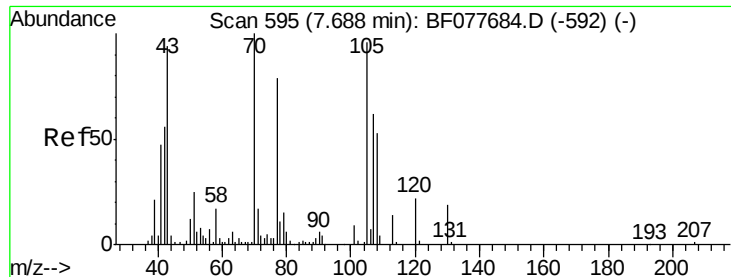
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#18
Hexachloroethane
Concen: 41.23 ng
RT: 7.73 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44830		
119	92.4	79.2	118.8	
201	77.1	69.8	104.6	





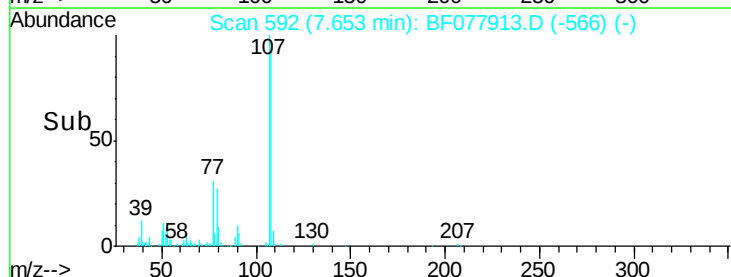
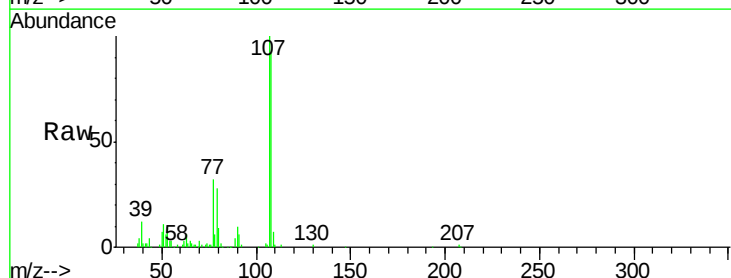
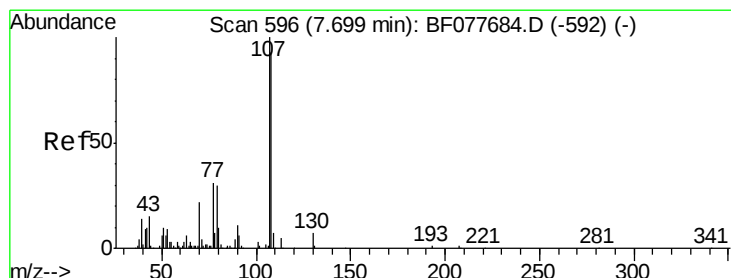
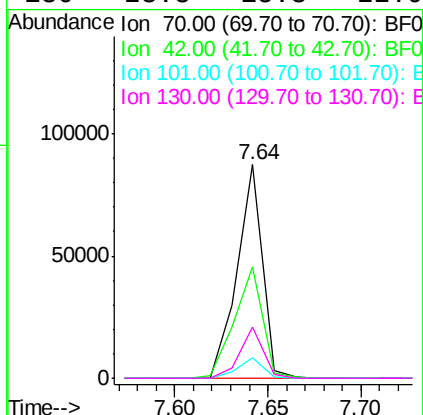
#19
n-Nitroso-di-n-propylamine
Concen: 40.22 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

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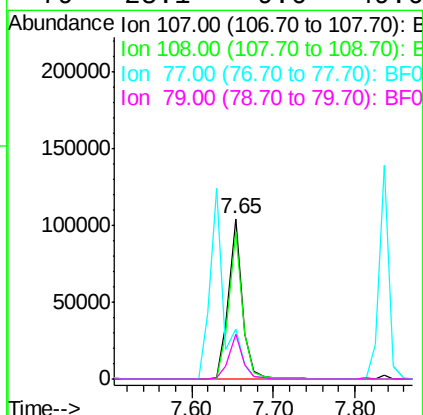
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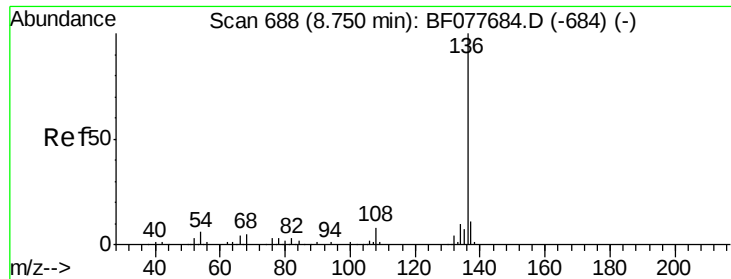
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.1	44.5	66.7
101	9.8	7.4	11.2
130	23.8	15.3	22.9#



#20
3+4-Methylphenols
Concen: 40.38 ng
RT: 7.65 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	73.2	113.2
77	31.6	10.7	50.7
79	28.1	9.6	49.6





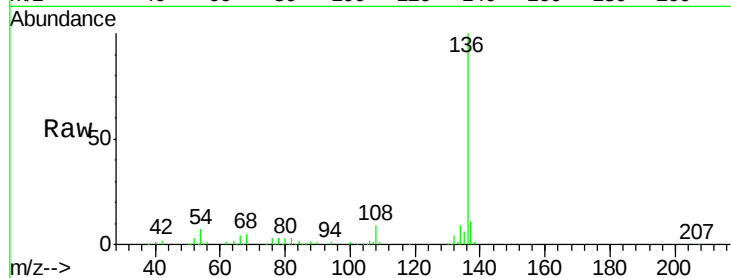
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

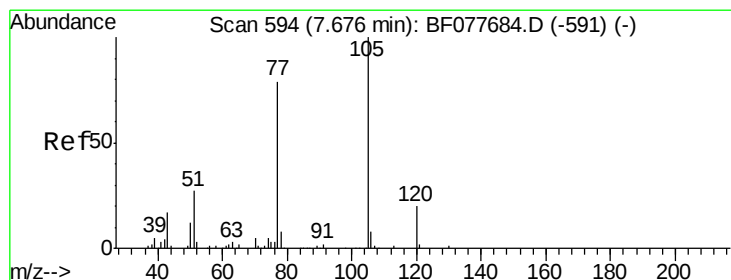
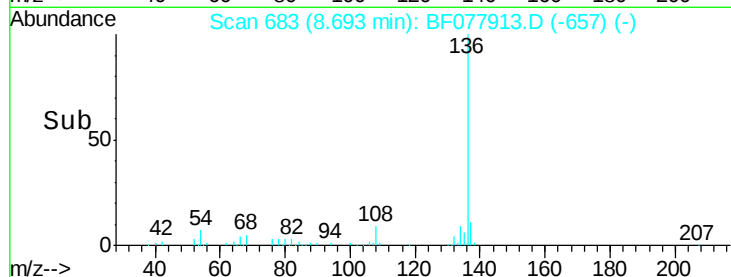
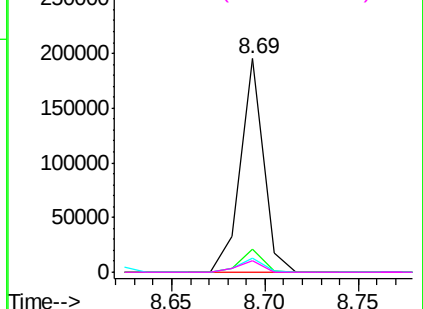
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	168116		
137	10.7	8.7	13.1	
54	6.8	4.6	6.8	
68	5.4	3.7	5.5	

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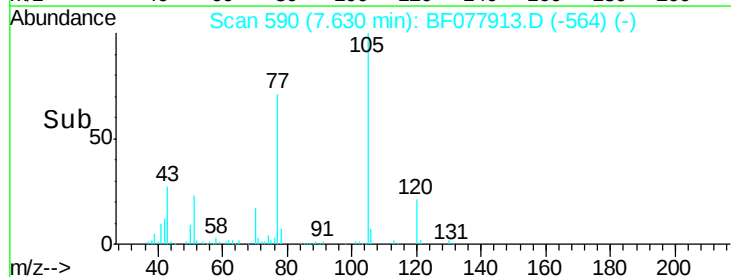
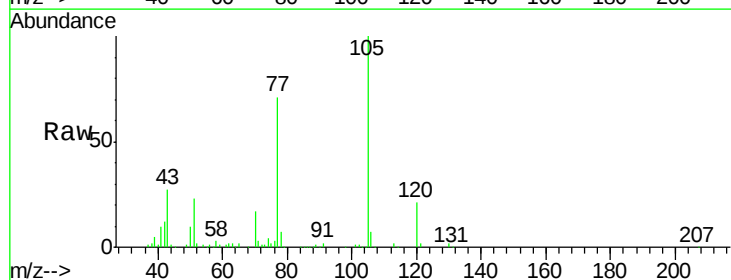
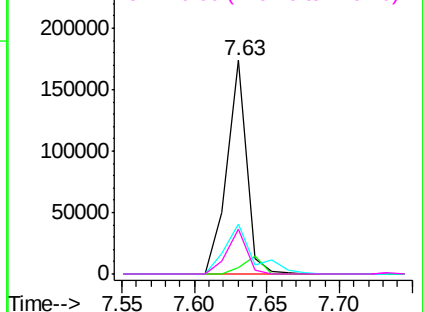
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

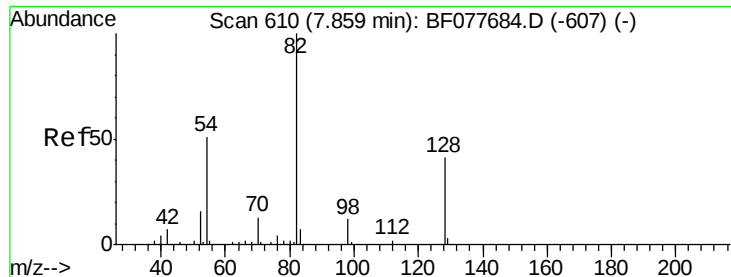


#22
Acetophenone
Concen: 44.19 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164480		
71	3.0	0.6	1.0#	
51	23.3	21.6	32.4	
120	21.1	16.1	24.1	

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





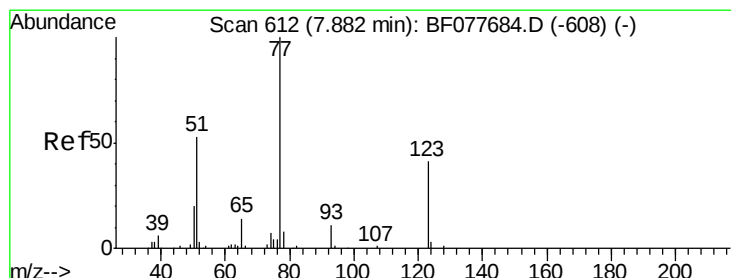
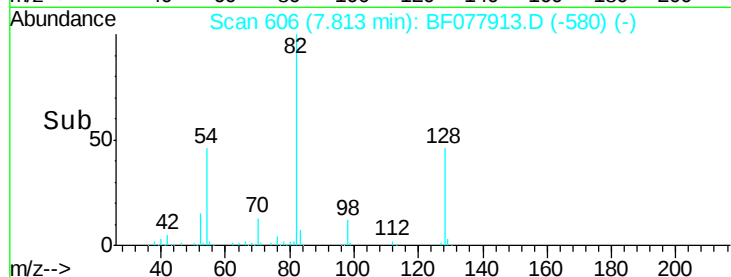
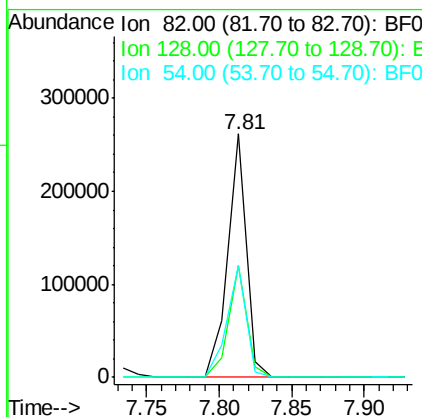
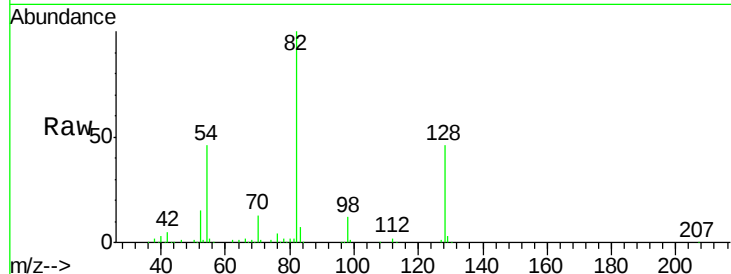
#23
 Nitrobenzene-d5
 Concen: 91.18 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	233844		
128	45.7	32.8	49.2	
54	46.0	40.6	60.8	

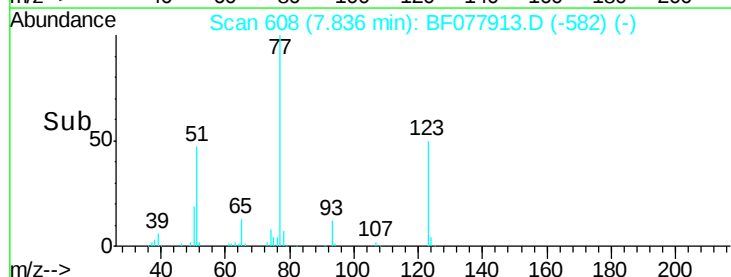
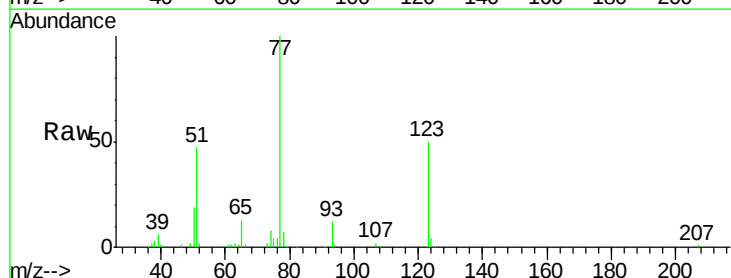
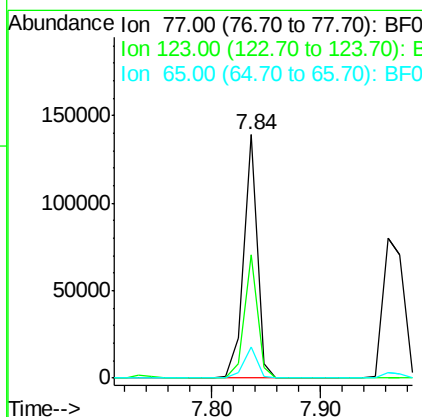
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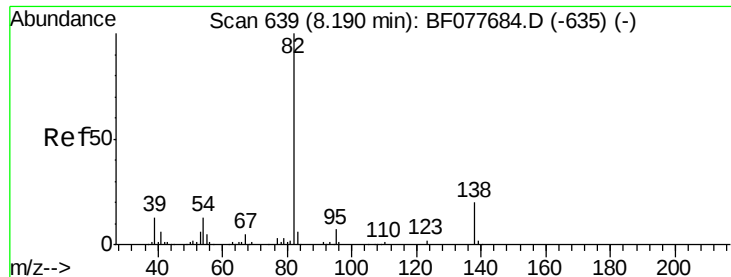
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#24
 Nitrobenzene
 Concen: 42.95 ng
 RT: 7.84 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	118662		
123	50.4	32.6	49.0#	
65	12.8	10.9	16.3	





#25

Isophorone

Concen: 41.17 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

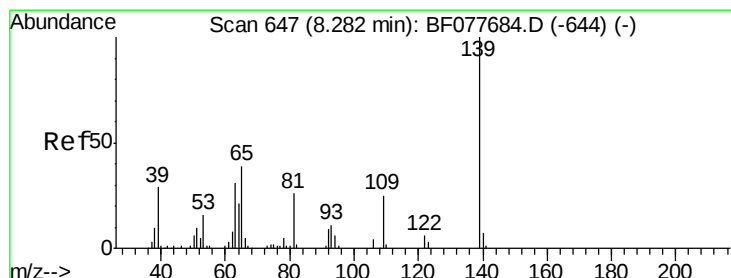
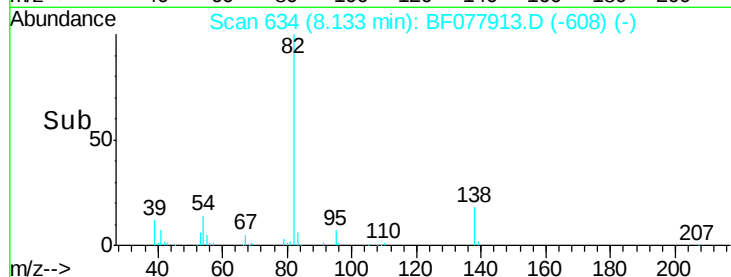
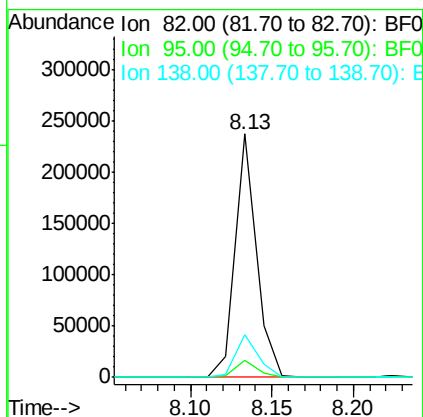
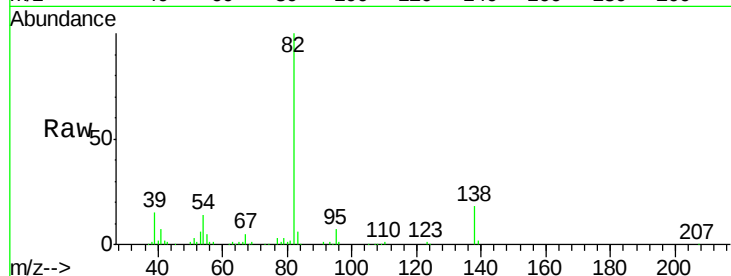
ClientSampleId :

PB82277BSD

Tgt Ion:	82	Resp:	213247
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.8	8.6
138	17.6	16.3	24.5

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#26

2-Nitrophenol

Concen: 39.66 ng

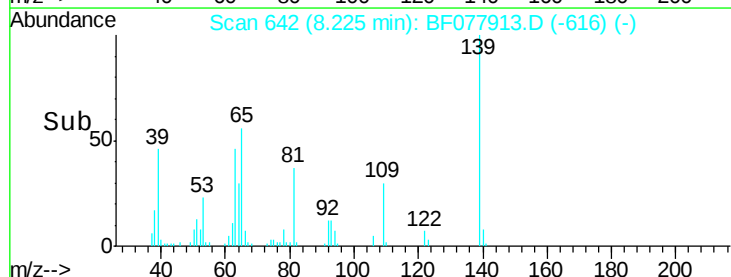
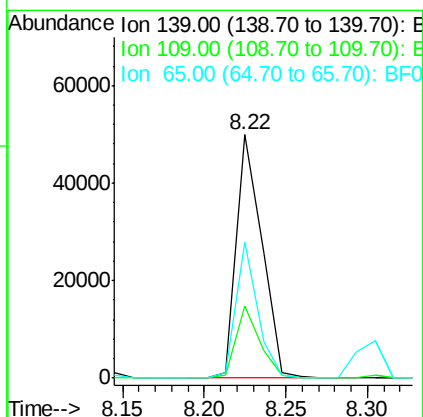
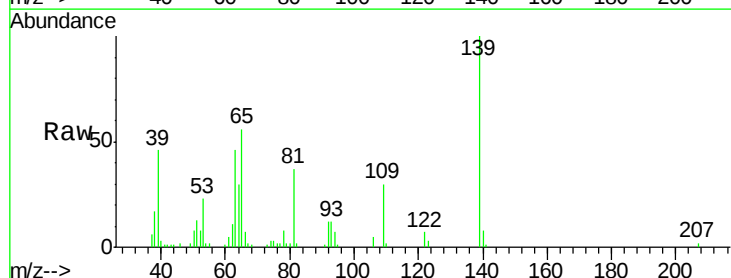
RT: 8.22 min Scan# 642

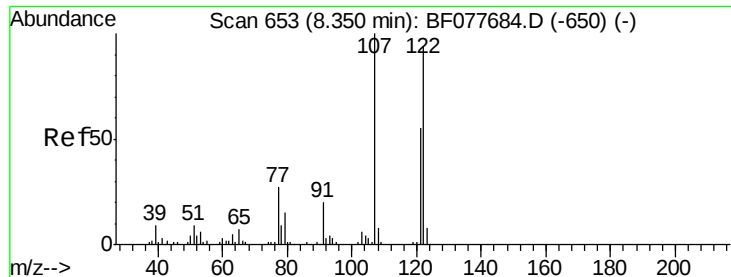
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:	139	Resp:	53644
Ion Ratio		Lower	Upper
139	100		
109	29.7	20.1	30.1
65	55.7	31.5	47.3#





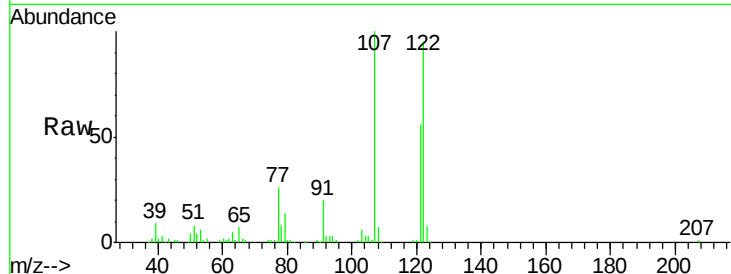
#27
 2,4-Dimethylphenol
 Concen: 42.99 ng
 RT: 8.30 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

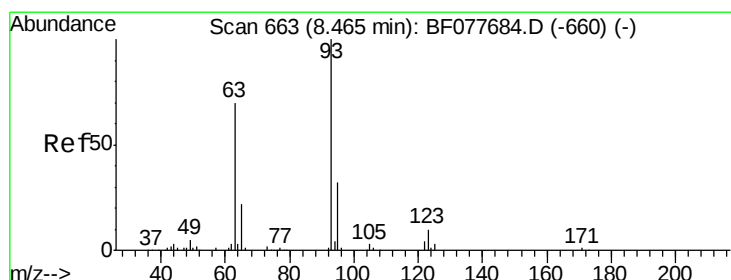
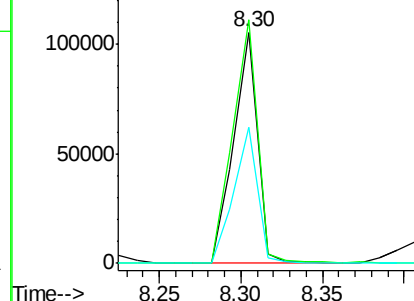
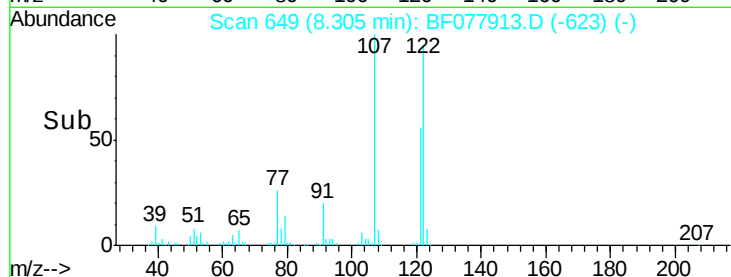
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	105940		
107	105.5	84.7	127.1	
121	58.8	46.6	69.8	

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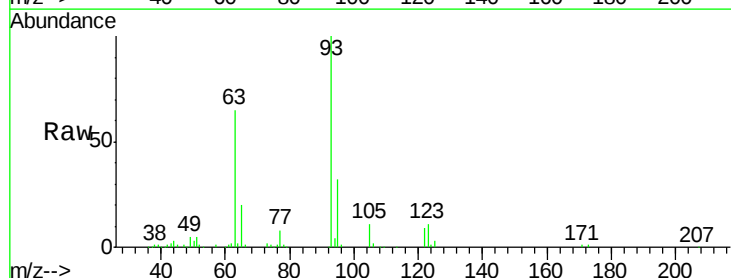


Abundance Ion 122.00 (121.70 to 122.70): E
 150000 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

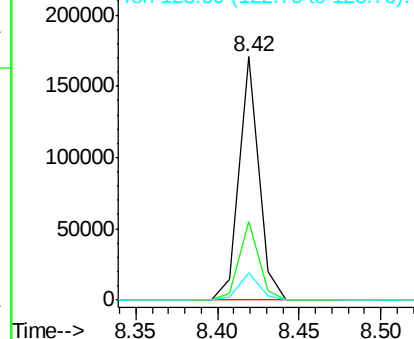
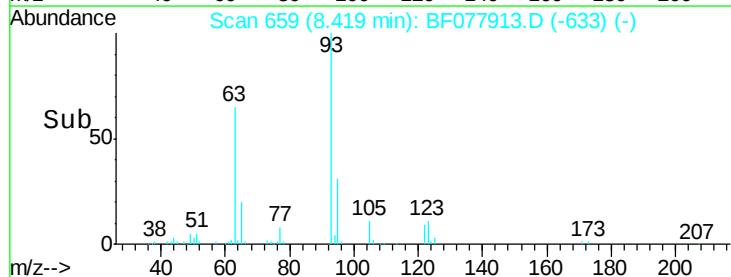


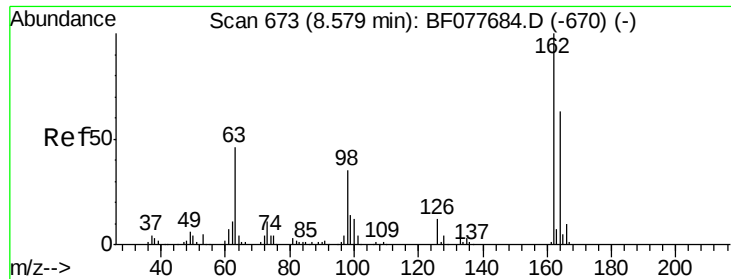
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.92 ng
 RT: 8.42 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	141210		
95	32.3	25.5	38.3	
123	11.1	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





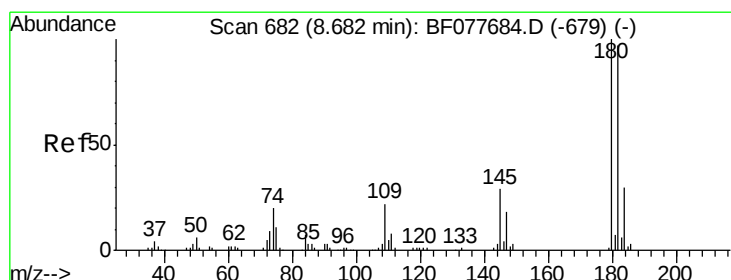
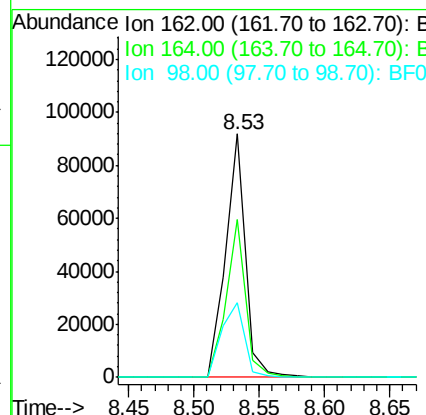
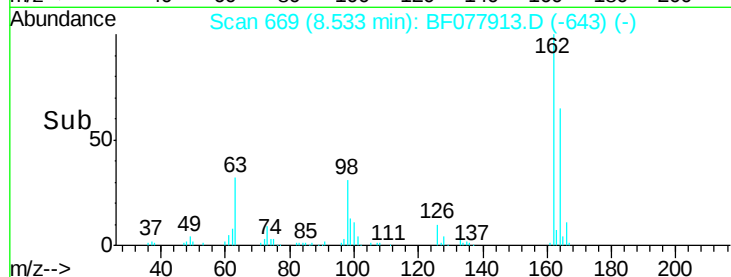
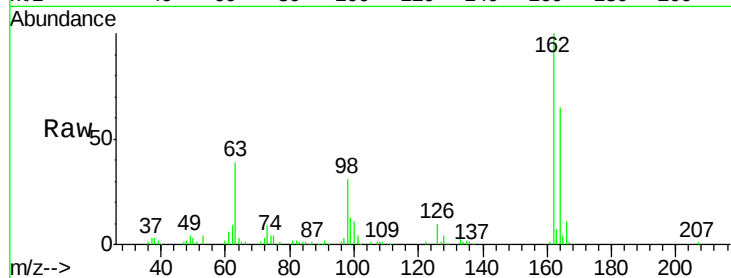
#29
 2,4-Dichlorophenol
 Concen: 41.82 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion:	162	Resp:	98239
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.8	82.8
98	30.5	14.5	54.5

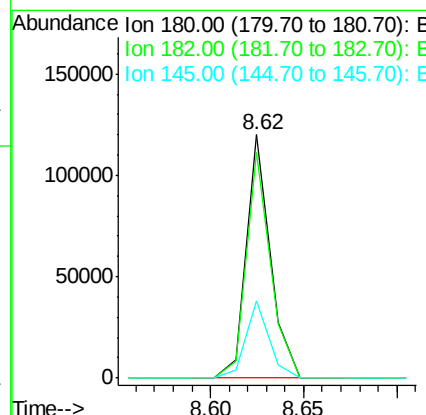
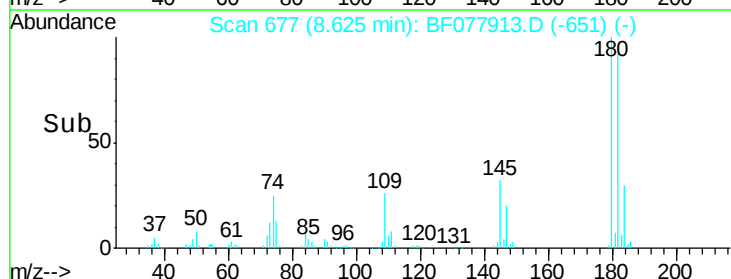
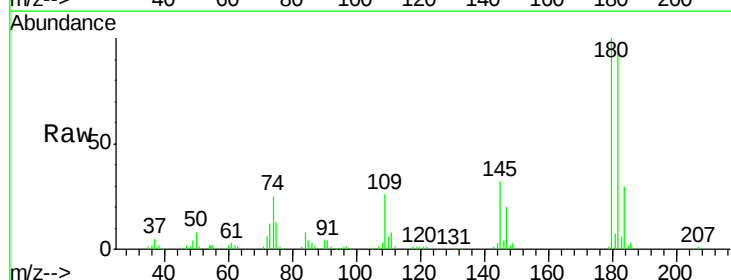
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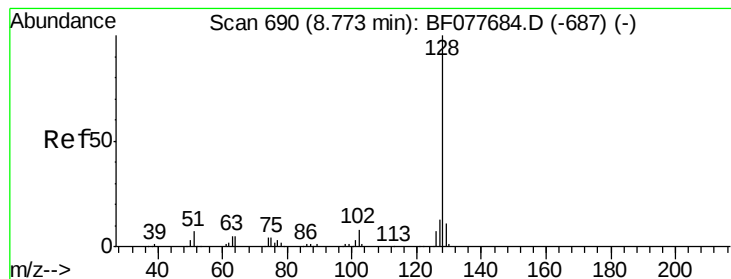
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.95 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion:	180	Resp:	107635
Ion Ratio	Lower	Upper	
180	100		
182	92.8	77.6	116.4
145	31.8	23.4	35.2





#31

Naphthalene

Concen: 40.76 ng

RT: 8.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

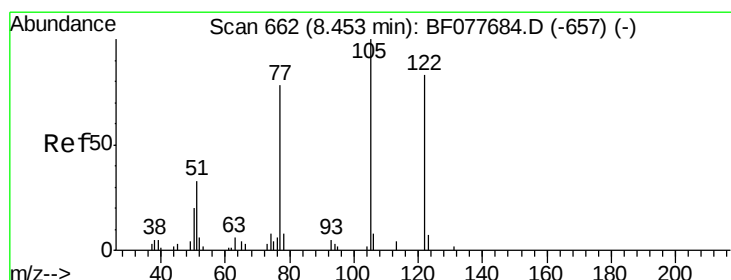
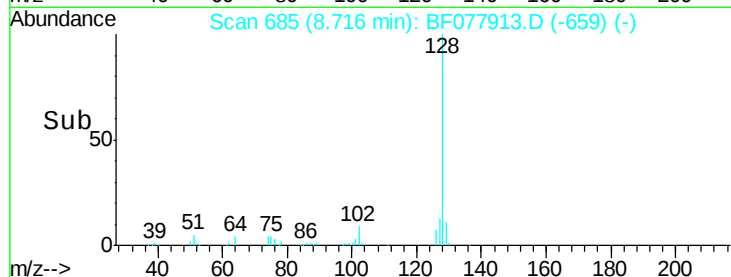
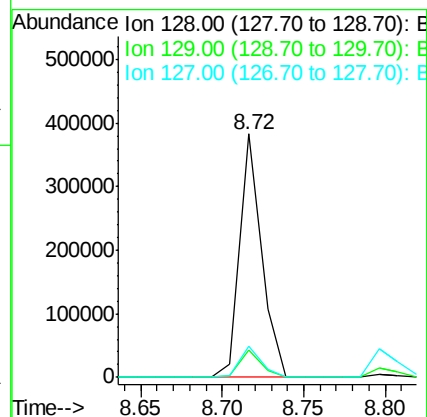
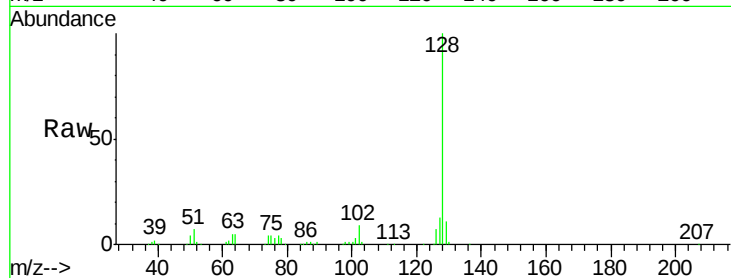
ClientSampleId :

PB82277BSD

Tgt Ion:	128	Resp:	351957
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.9	13.3
127	12.7	10.4	15.6

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#32

Benzoic acid

Concen: 29.19 ng

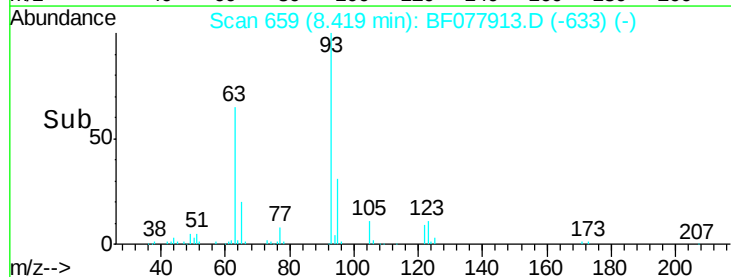
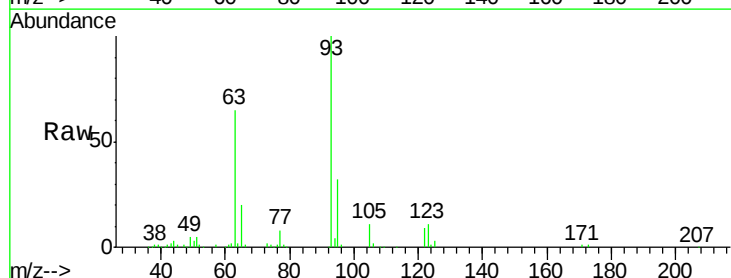
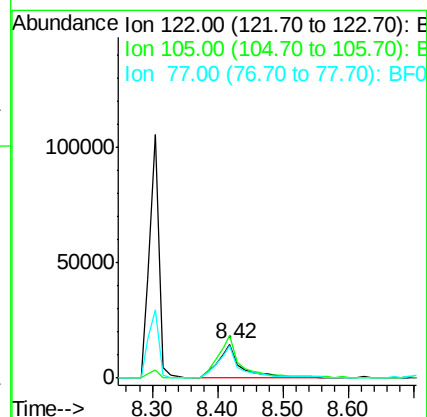
RT: 8.42 min Scan# 659

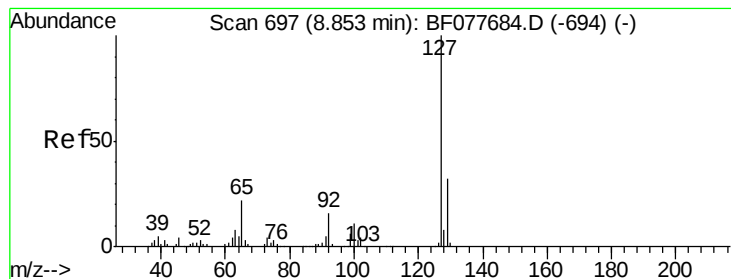
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:	122	Resp:	38345
Ion Ratio	Lower	Upper	
122	100		
105	124.8	99.9	139.9
77	95.7	73.7	113.7





#33

4-Chloroaniline

Concen: 15.40 ng

RT: 8.80 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

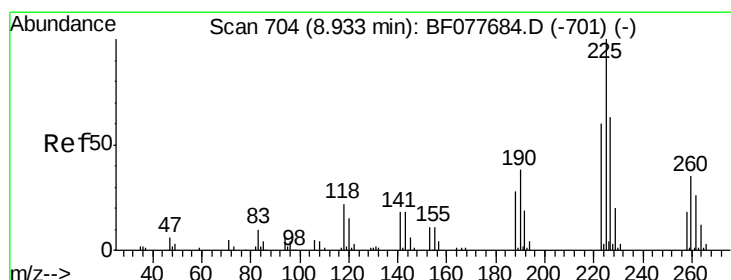
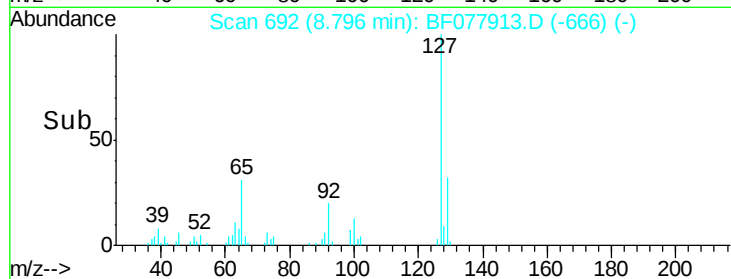
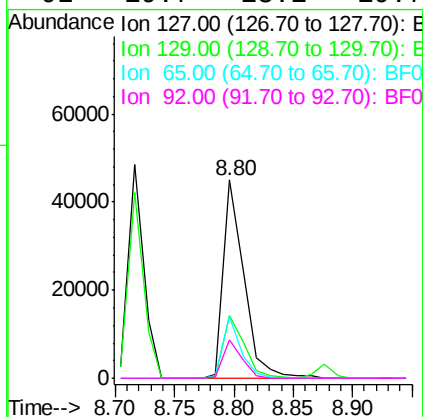
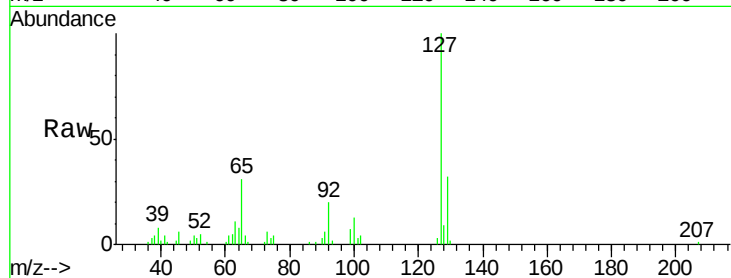
ClientSampleId :

PB82277BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	53975		
129	31.8	25.3	37.9	
65	31.0	17.6	26.4	
92	19.7	13.1	19.7	

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#34

Hexachlorobutadiene

Concen: 41.69 ng

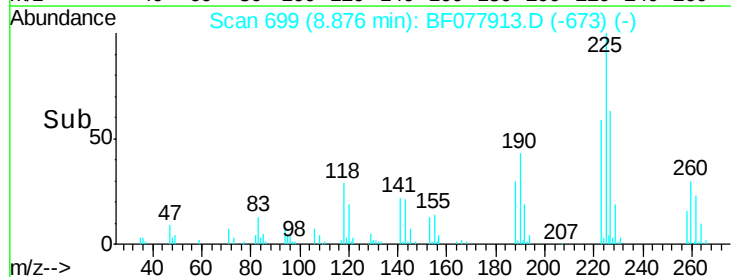
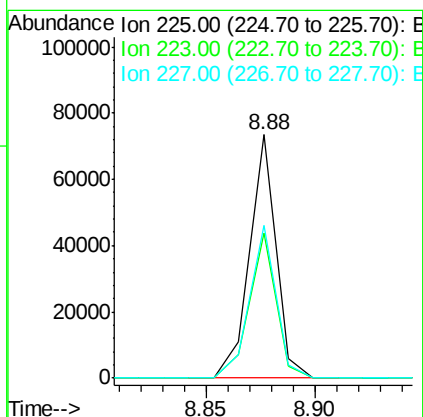
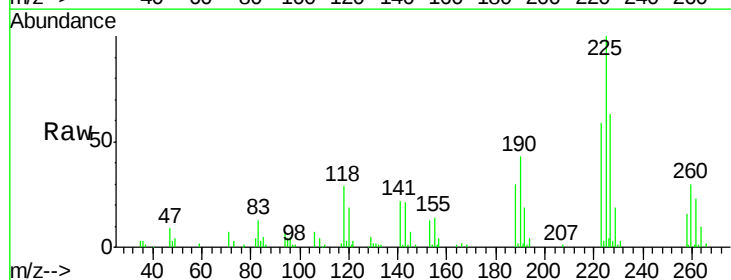
RT: 8.88 min Scan# 699

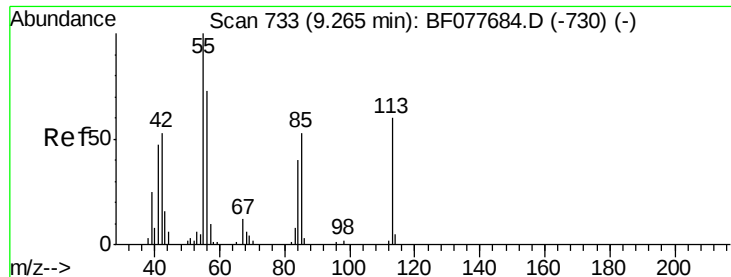
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62096		
223	59.3	47.9	71.9	
227	63.0	50.1	75.1	





#35

Caprolactam

Concen: 42.57 ng

RT: 9.23 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

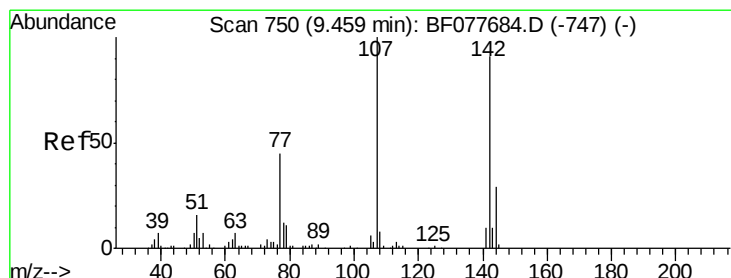
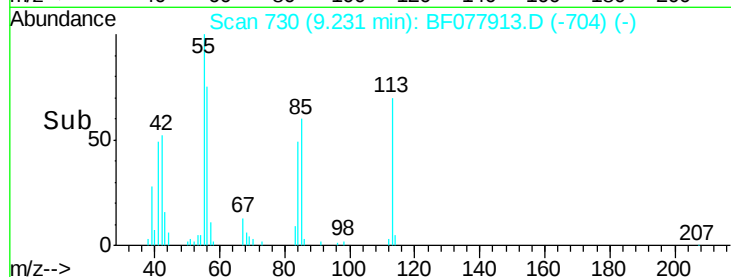
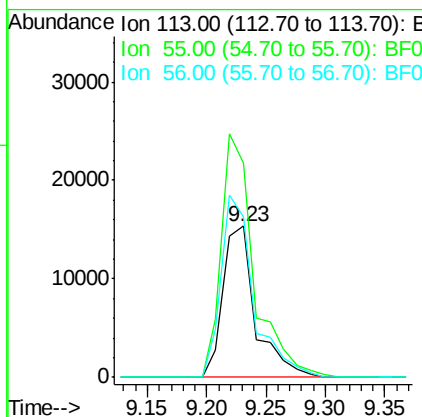
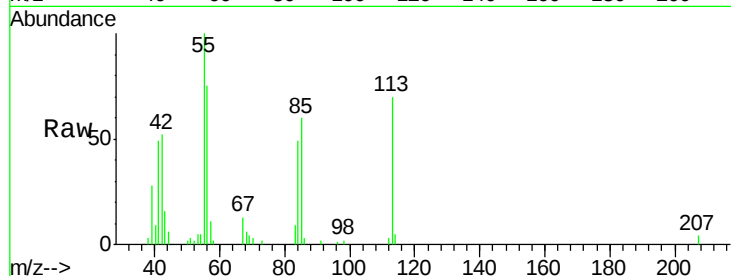
ClientSampleId :

PB82277BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	142.0	145.9	185.9#
56	106.3	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 44.45 ng

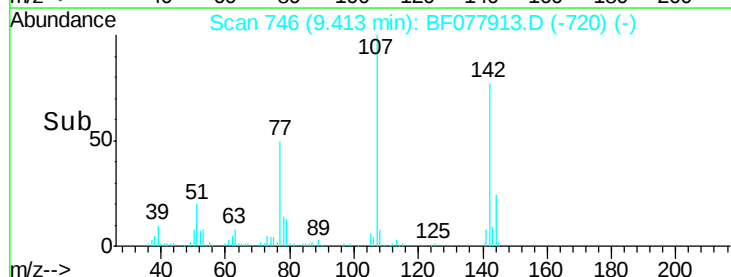
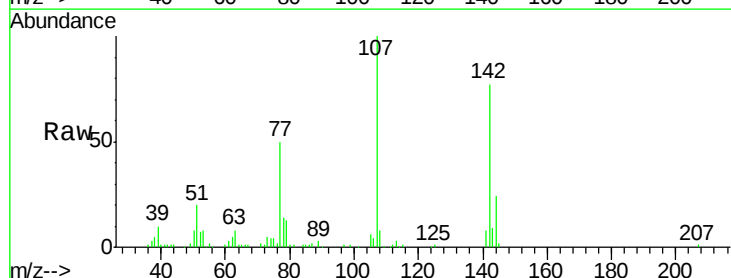
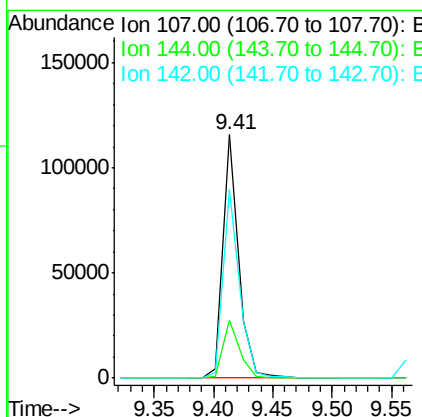
RT: 9.41 min Scan# 746

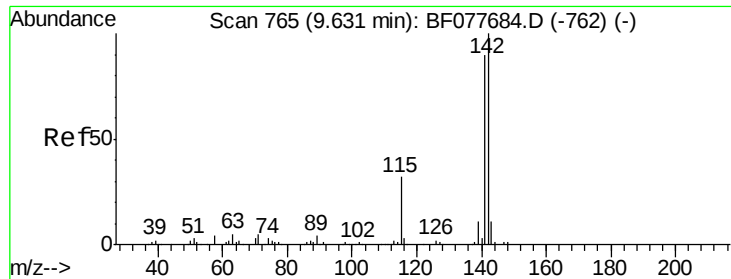
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	23.3	34.9
142	77.3	72.6	109.0





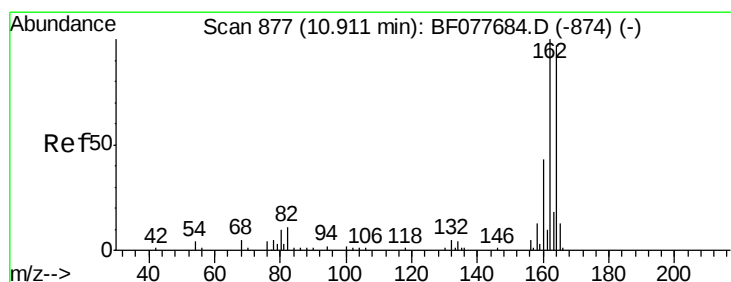
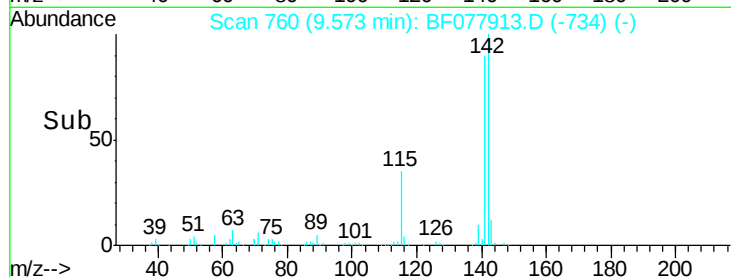
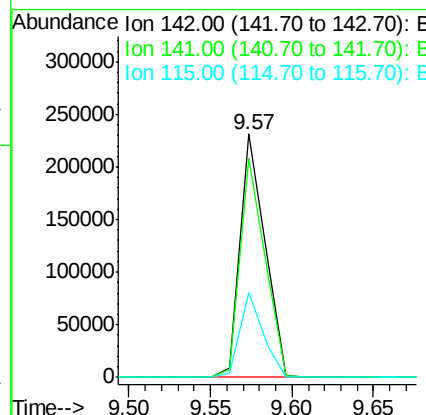
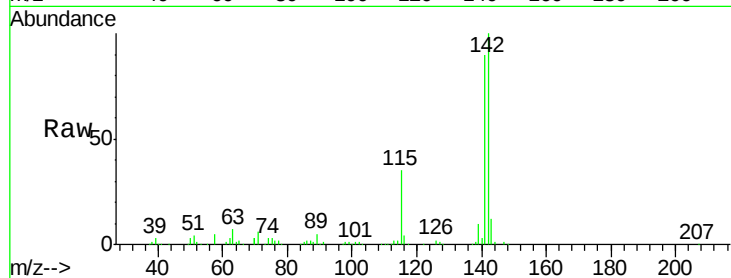
#37
2-Methylnaphthalene
Concen: 41.59 ng
RT: 9.57 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	241227		
141	90.1	71.9	107.9	
115	34.7	25.4	38.0	

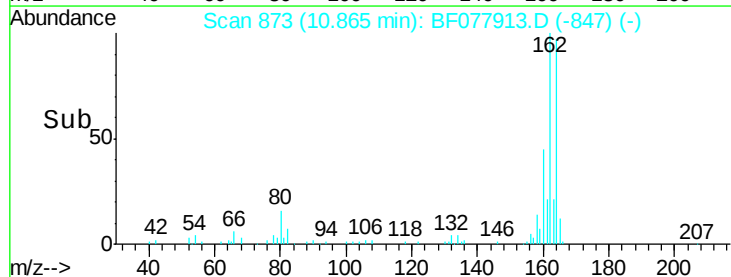
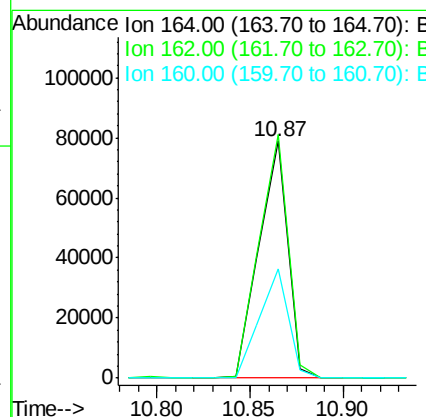
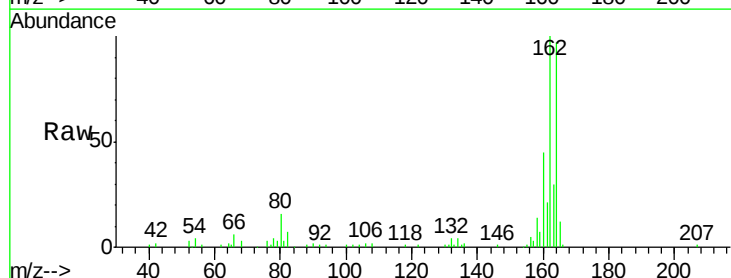
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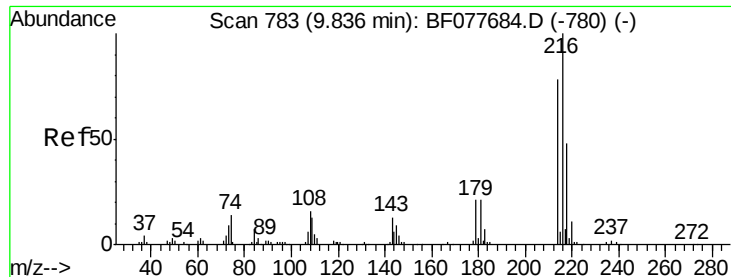
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84129		
162	102.7	82.4	123.6	
160	46.2	35.8	53.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.65 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077913.D

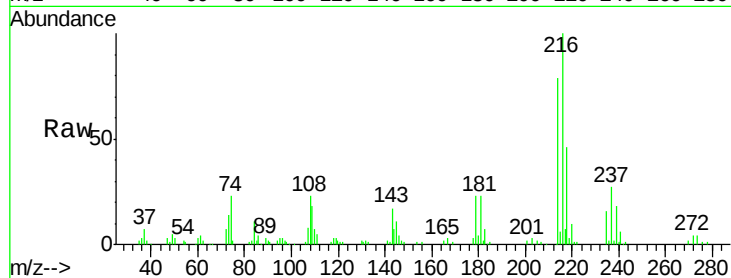
Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:216 Resp: 101996

Ion Ratio Lower Upper

216 100

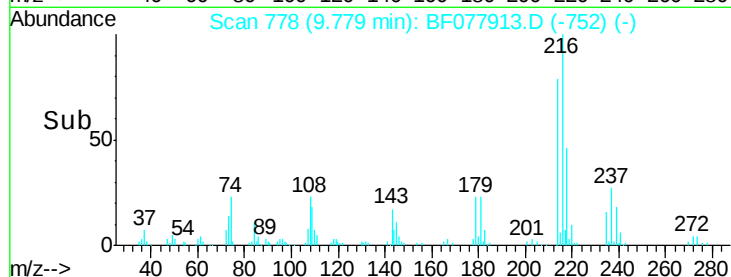
214 77.9 0.0 0.0#

179 21.1 0.0 0.0#

108 22.0 0.0 0.0#

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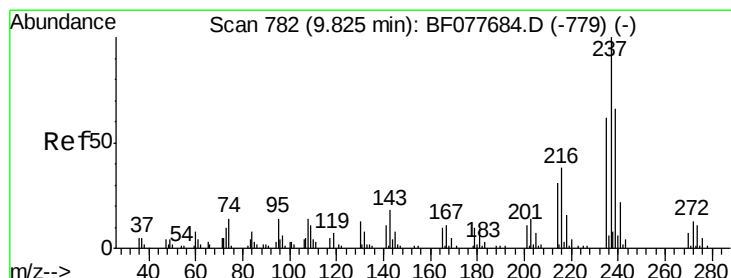
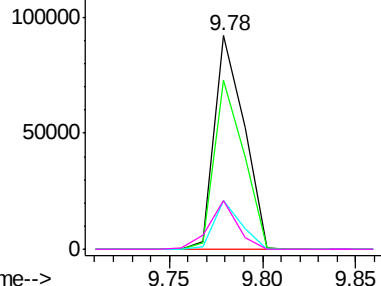


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.03 ng

RT: 9.77 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

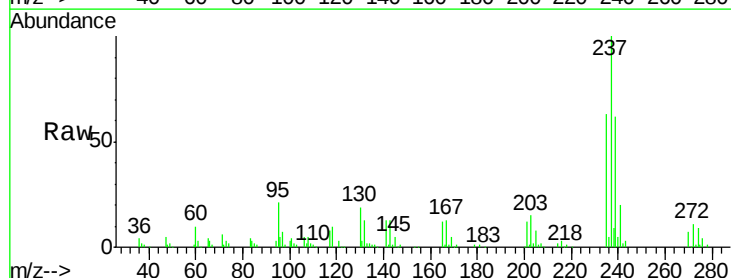
Tgt Ion:237 Resp: 105764

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

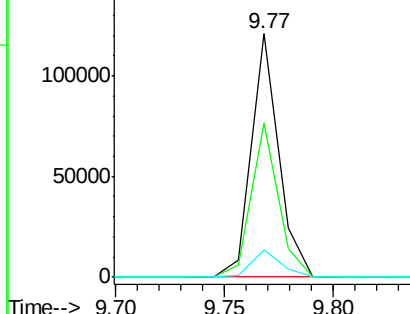
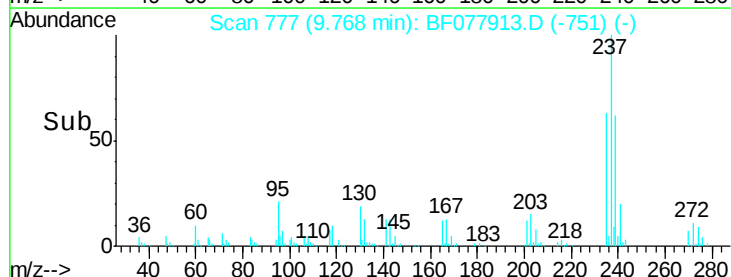
272 11.5 0.0 33.4

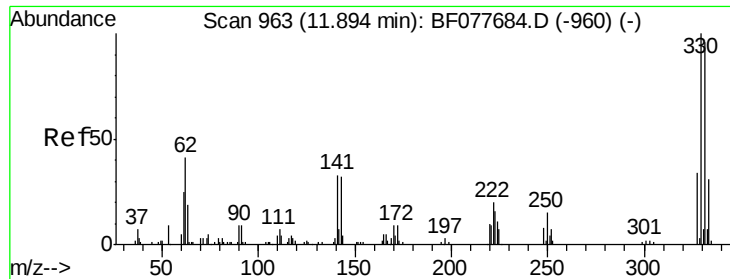


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





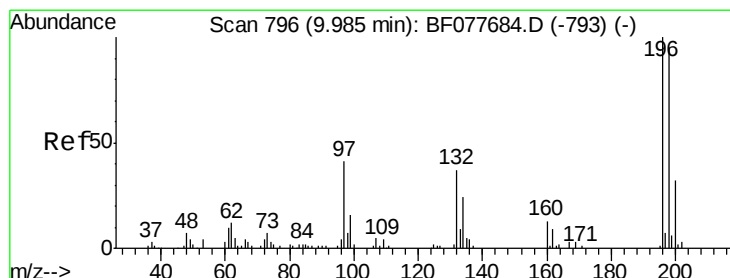
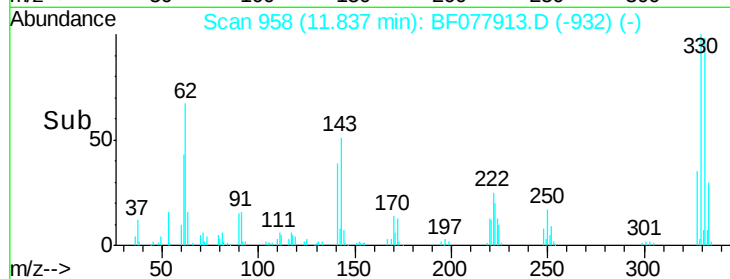
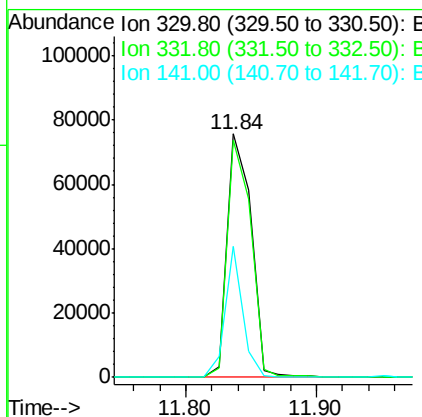
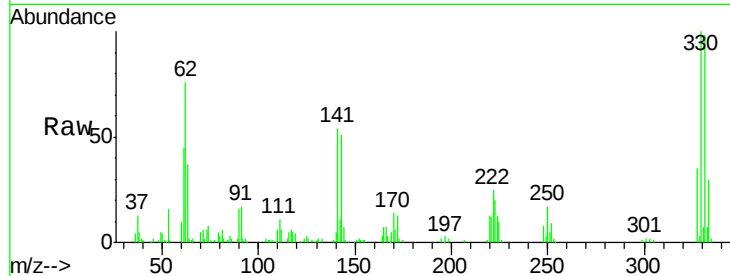
#41
 2,4,6-Tribromophenol
 Concen: 119.93 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	0.0	0.0#
141	39.8	0.0	0.0#

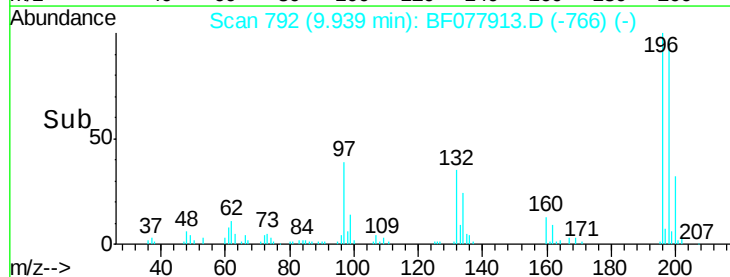
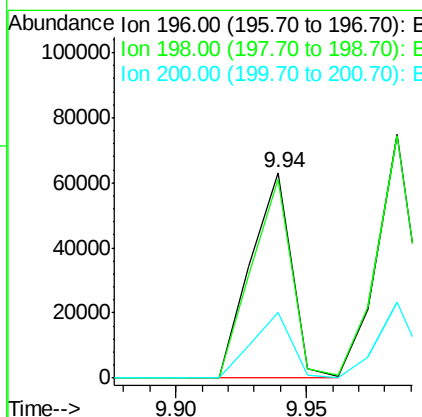
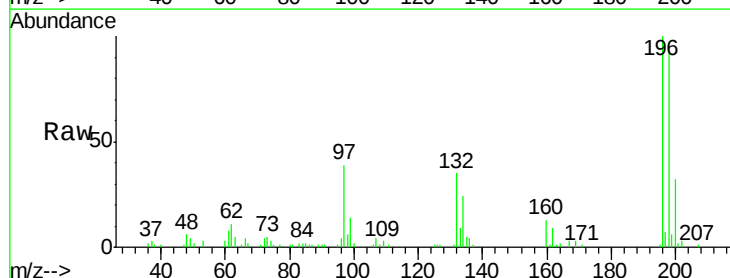
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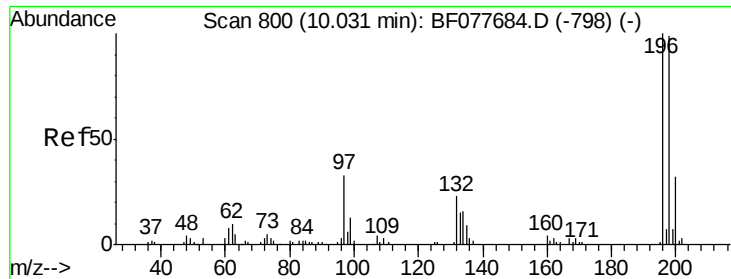
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 40.01 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

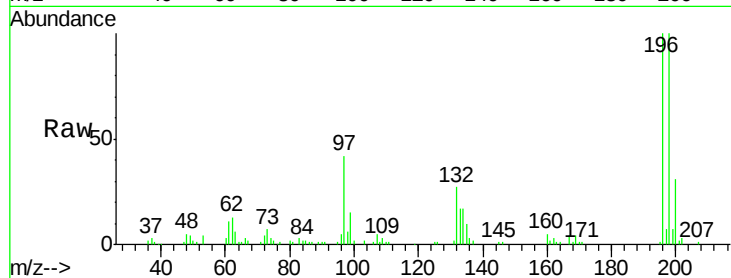
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.6	76.3	114.5
200	32.0	25.6	38.4





#43
 2,4,5-Trichlorophenol
 Concen: 39.22 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

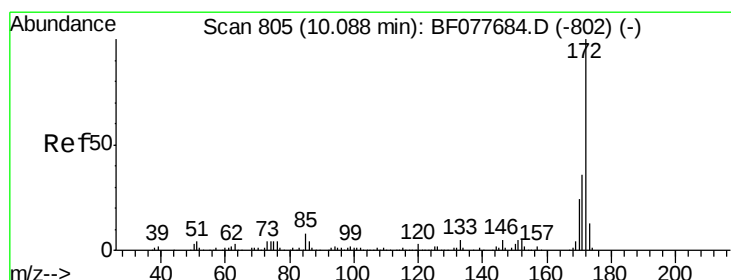
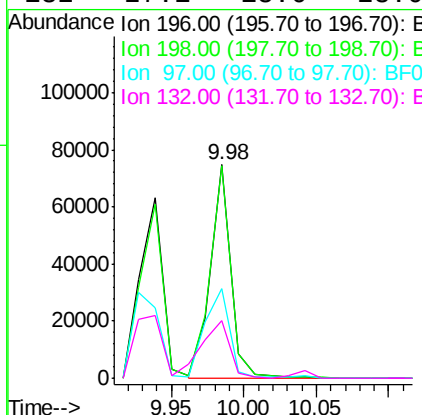
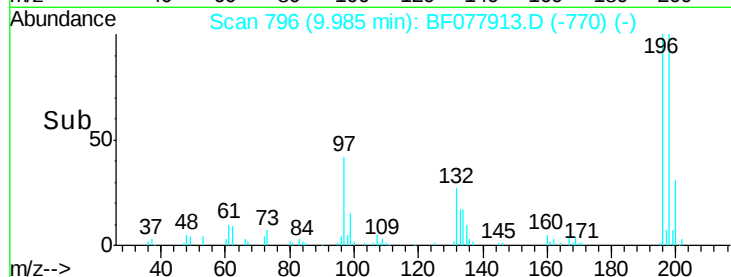
Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73648		
198	99.5	79.4	119.0	
97	42.1	26.8	40.2#	
132	27.1	18.6	28.0	

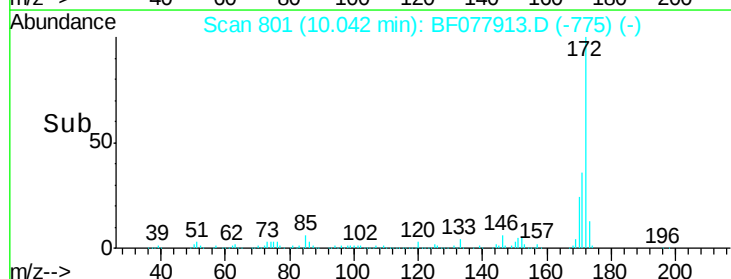
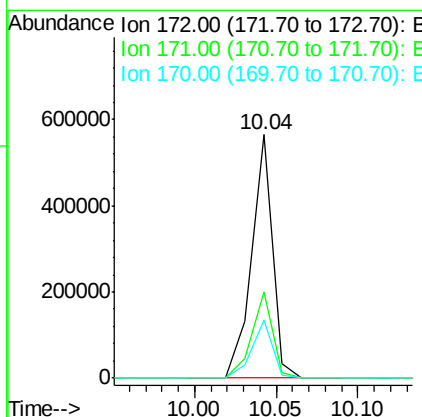
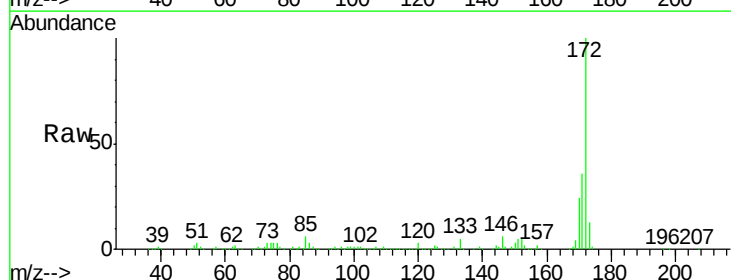
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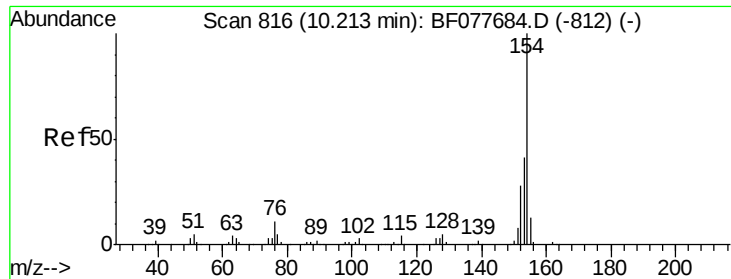
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 87.66 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	501840		
171	35.6	28.5	42.7	
170	23.8	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 41.67 ng

RT: 10.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

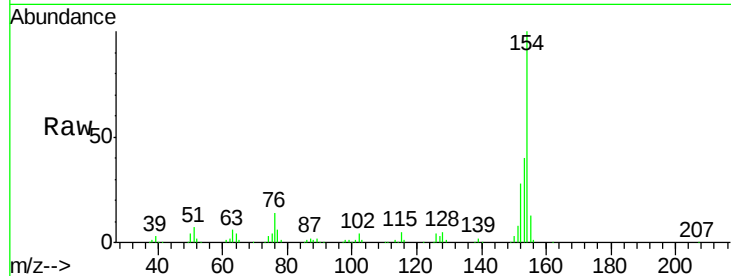
ClientSampleId :

PB82277BSD

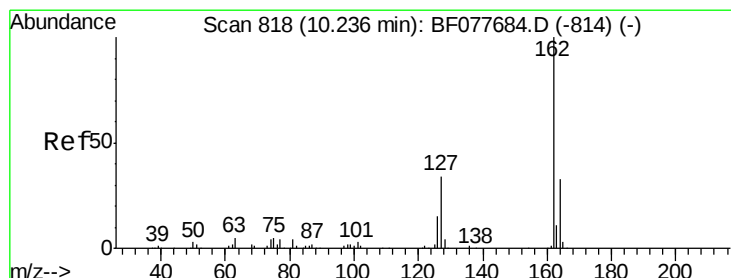
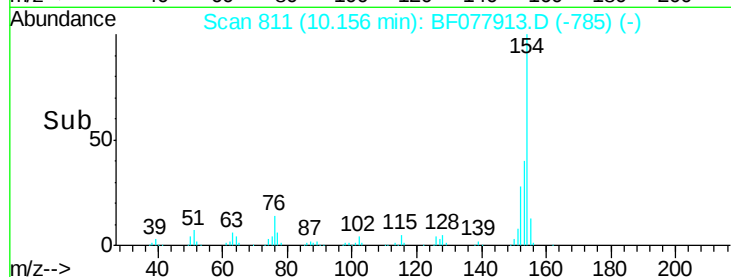
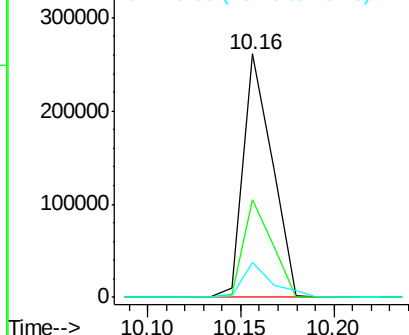
Tgt Ion:	154	Resp:	280266
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.7	60.7
76	14.2	0.0	30.9

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



#46

2-Chloronaphthalene

Concen: 41.68 ng

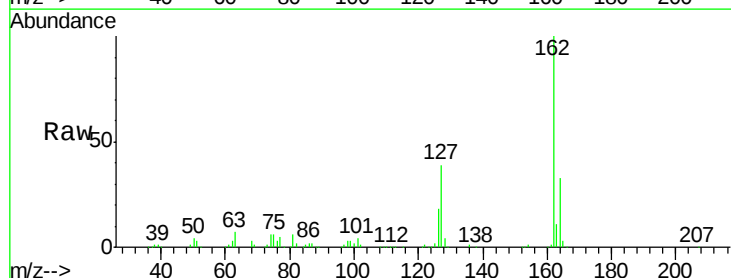
RT: 10.18 min Scan# 813

Delta R.T. 0.00 min

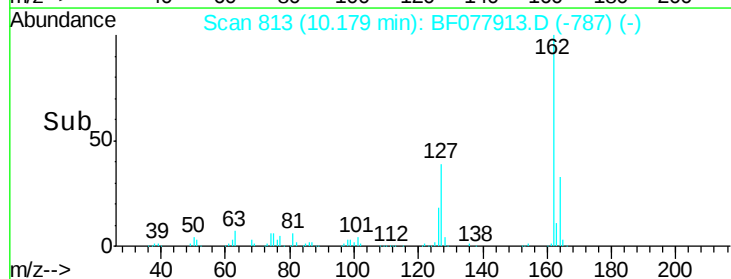
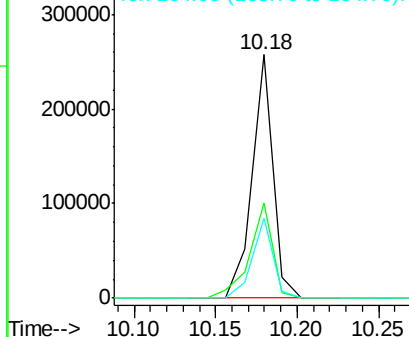
Lab File: BF077913.D

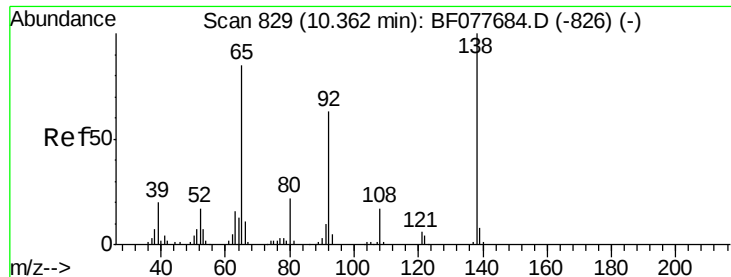
Acq: 24 Mar 2015 16:01

Tgt Ion:	162	Resp:	227814
Ion Ratio	Lower	Upper	
162	100		
127	38.9	26.9	40.3
164	32.8	26.8	40.2



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





#47

2-Nitroaniline

Concen: 45.26 ng

RT: 10.32 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

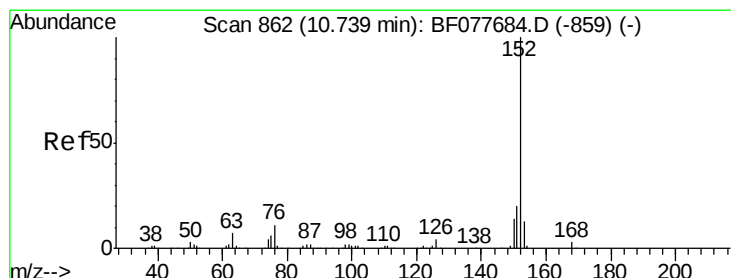
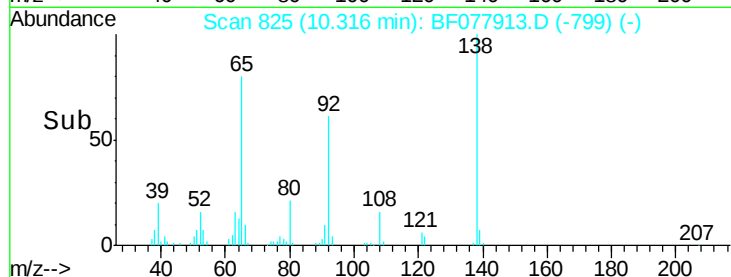
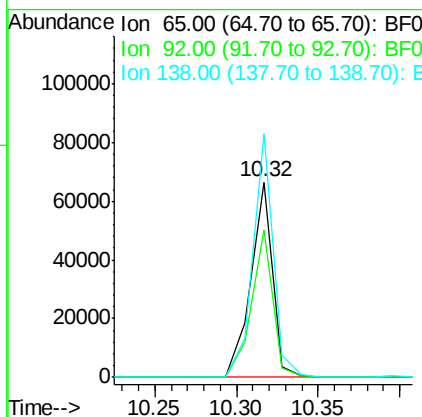
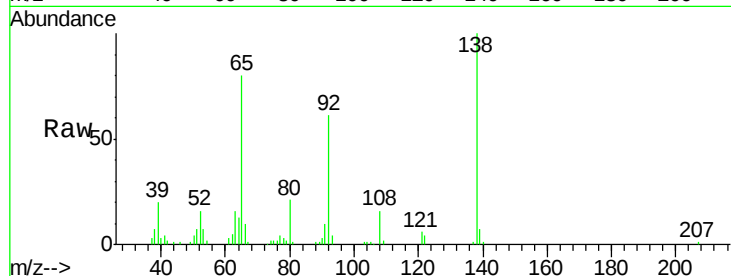
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.8	59.1	88.7
138	124.5	93.9	140.9

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#48

Acenaphthylene

Concen: 39.11 ng

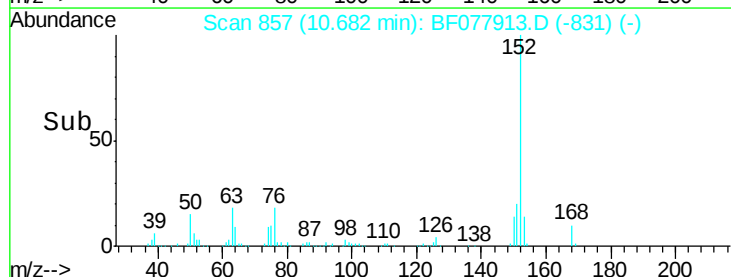
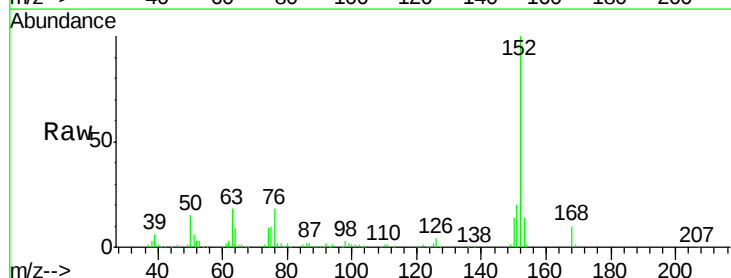
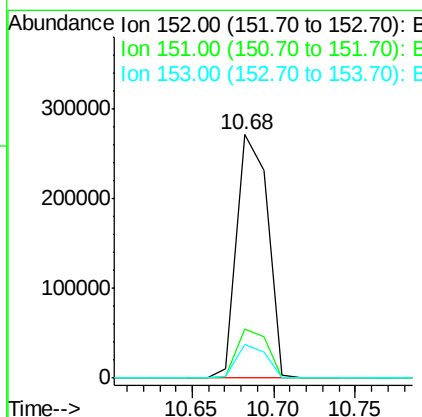
RT: 10.68 min Scan# 857

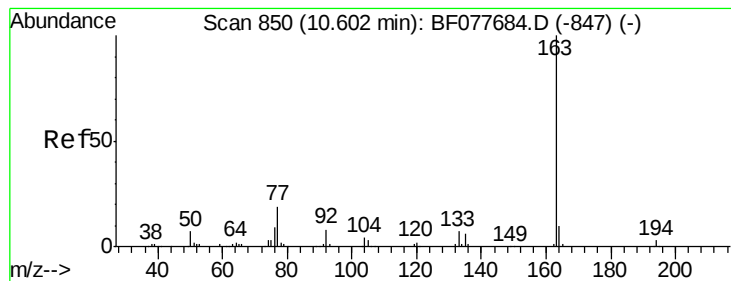
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.6	10.6	16.0





#49

Dimethylphthalate

Concen: 43.11 ng

RT: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

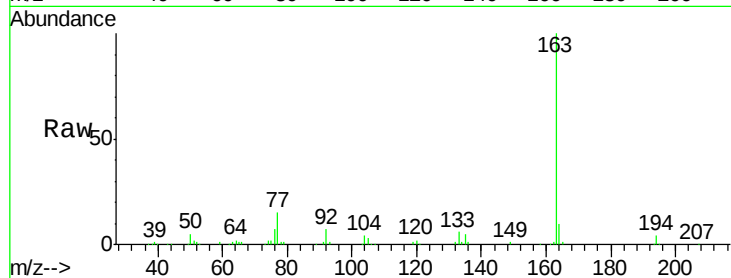
ClientSampleId :

PB82277BSD

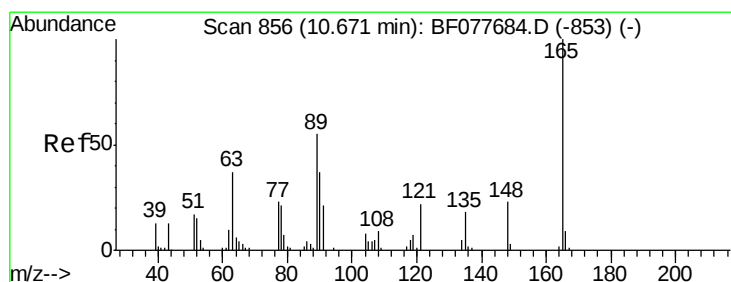
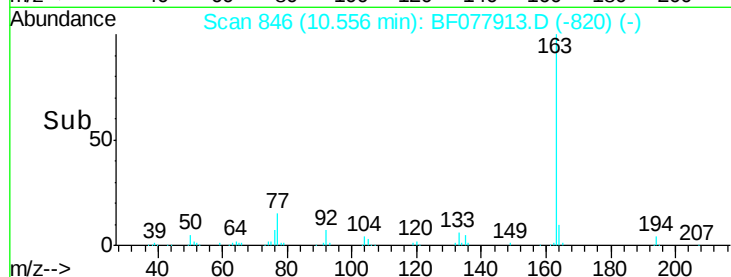
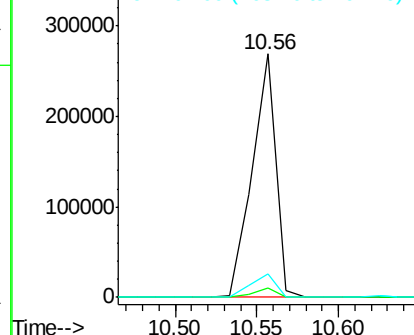
Tgt Ion:	163	Resp:	269004
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.8	8.2	12.2

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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: 45.51 ng

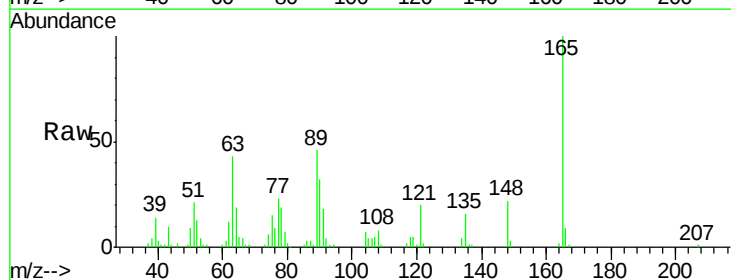
RT: 10.63 min Scan# 852

Delta R.T. 0.00 min

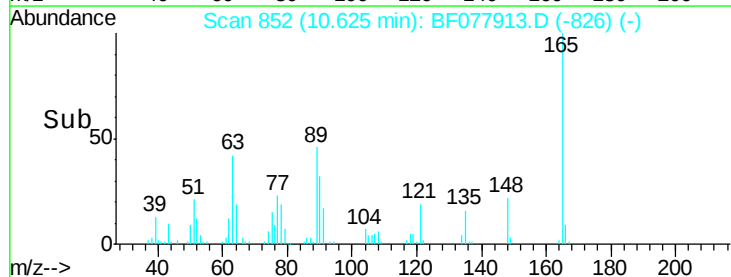
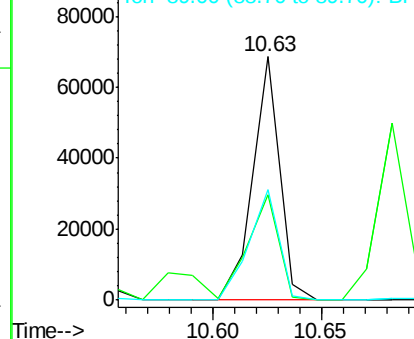
Lab File: BF077913.D

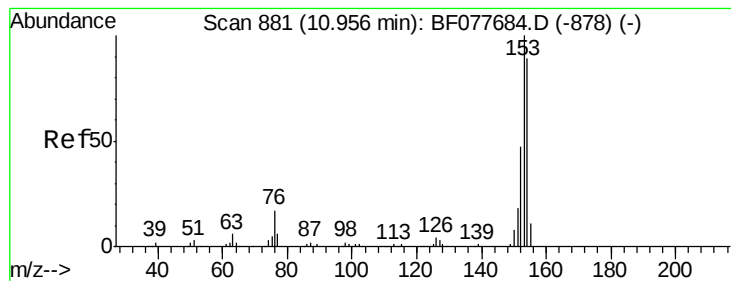
Acq: 24 Mar 2015 16:01

Tgt Ion:	165	Resp:	58868
Ion Ratio	Lower	Upper	
165	100		
63	43.1	44.1	66.1#
89	45.6	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: 40.08 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077913.D

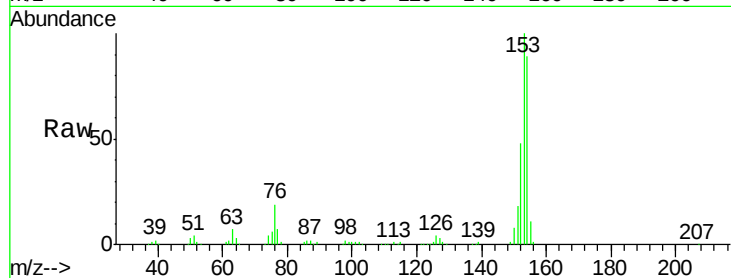
Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:154 Resp: 208859

Ion Ratio Lower Upper

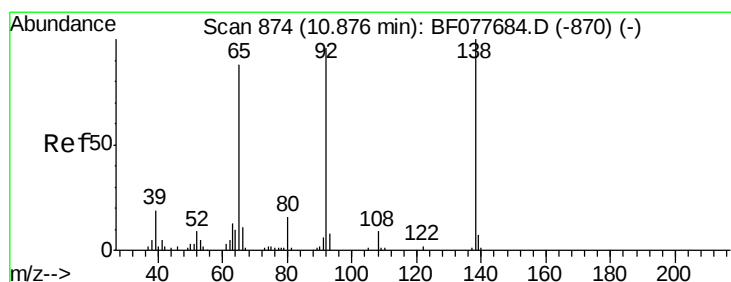
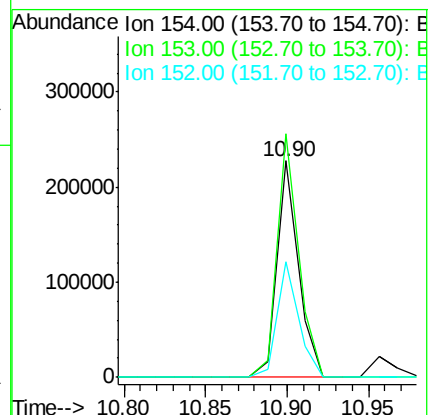
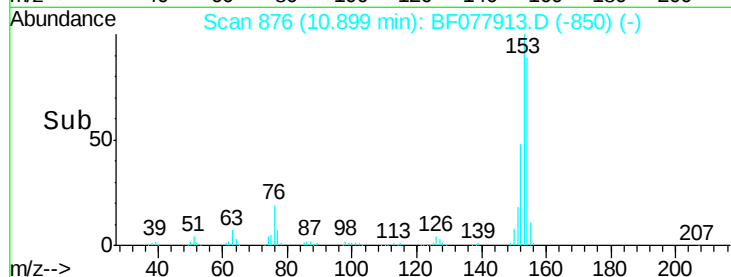
154 100

153 112.5 90.0 135.0

152 53.4 42.6 63.8

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#52

3-Nitroaniline

Concen: 21.24 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

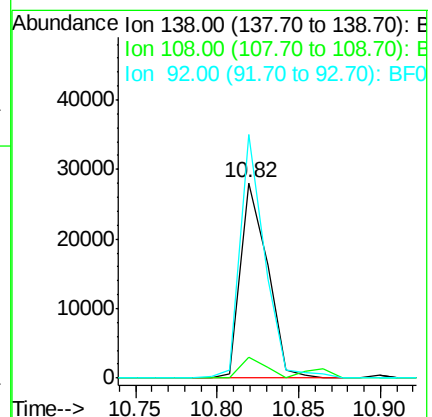
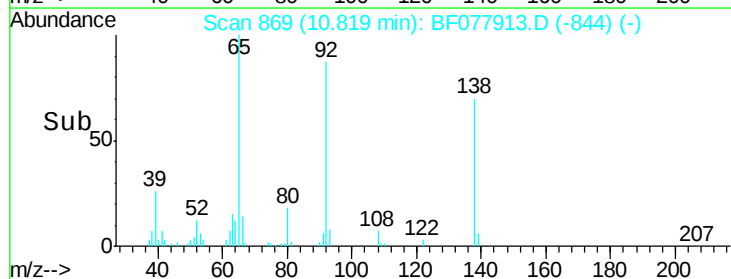
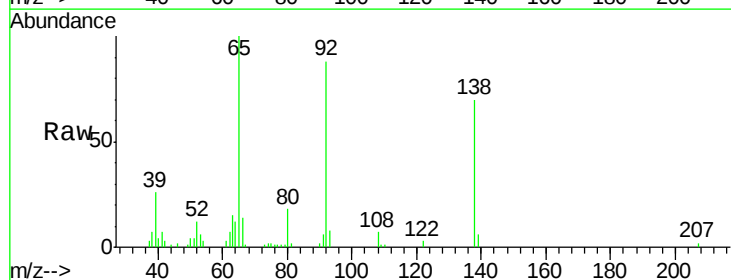
Tgt Ion:138 Resp: 31909

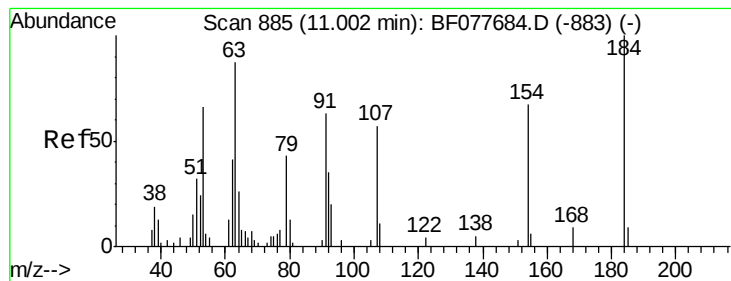
Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

92 124.8 76.6 114.8#





#53

2,4-Dinitrophenol

Concen: 80.31 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:184 Resp: 38177

Ion Ratio Lower Upper

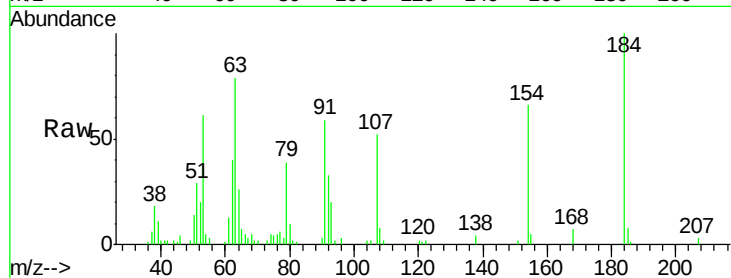
184 100

63 78.8 69.2 103.8

154 65.9 53.3 79.9

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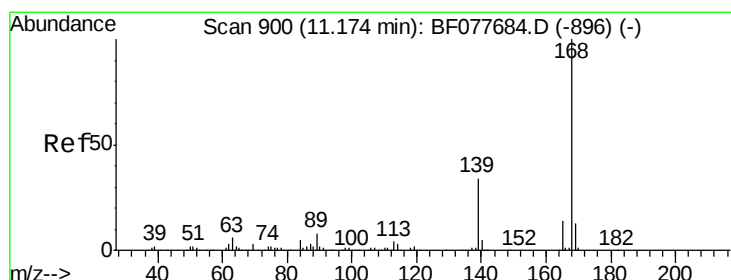
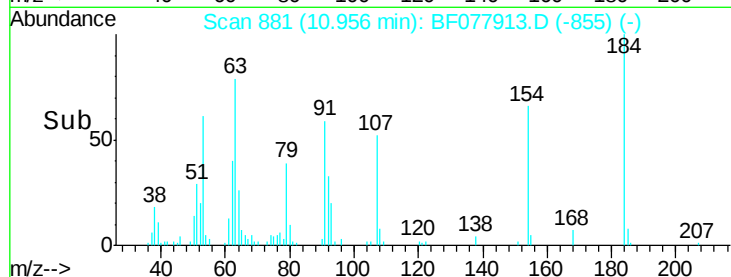
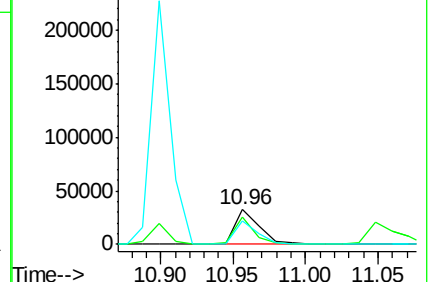
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.66 ng

RT: 11.12 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

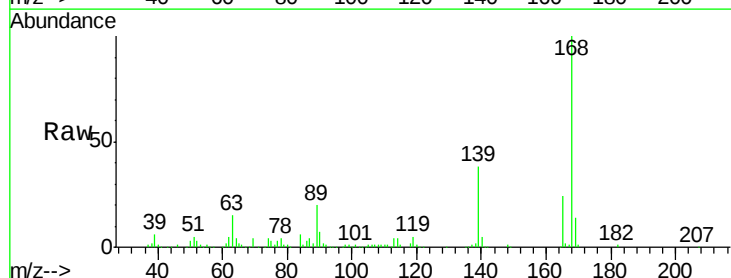
Tgt Ion:168 Resp: 314256

Ion Ratio Lower Upper

168 100

139 38.0 27.3 40.9

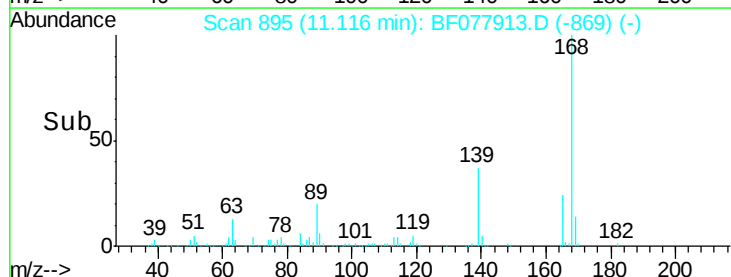
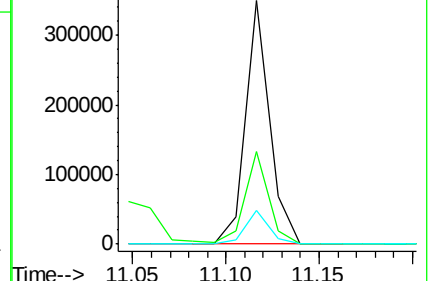
169 13.7 10.6 16.0

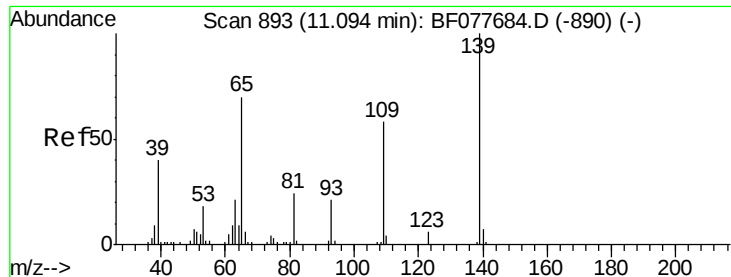


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.54 ng

RT: 11.05 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

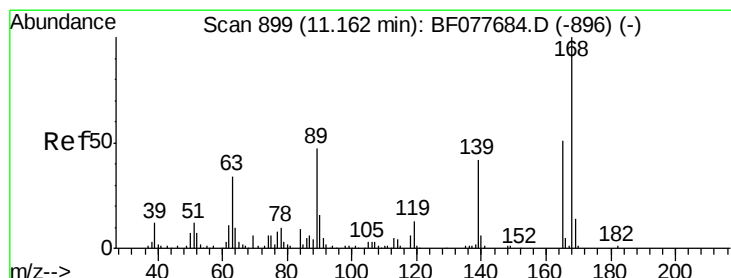
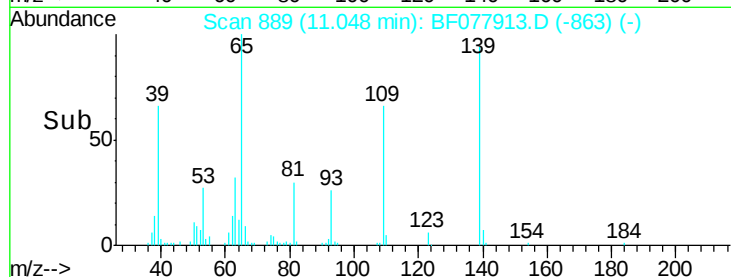
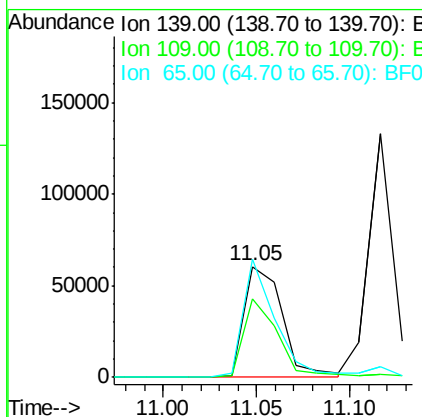
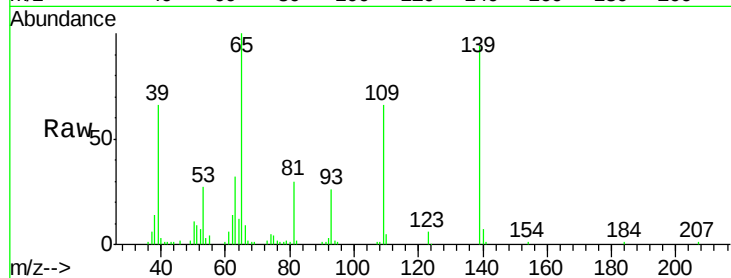
ClientSampleId :

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Tgt Ion:	139	Resp:	86276
Ion Ratio	Lower	Upper	
139	100		
109	70.6	37.7	77.7
65	106.4	49.9	89.9#



#56

2,4-Dinitrotoluene

Concen: 43.92 ng

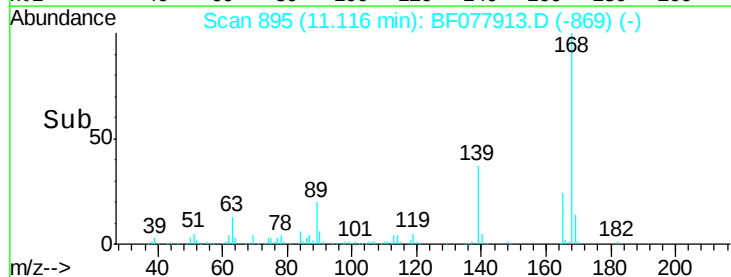
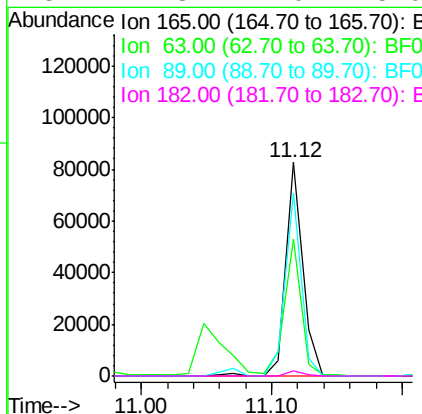
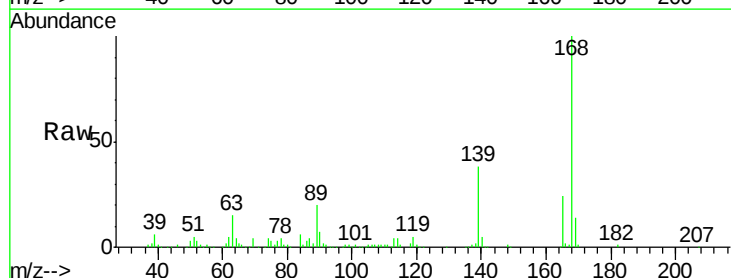
RT: 11.12 min Scan# 895

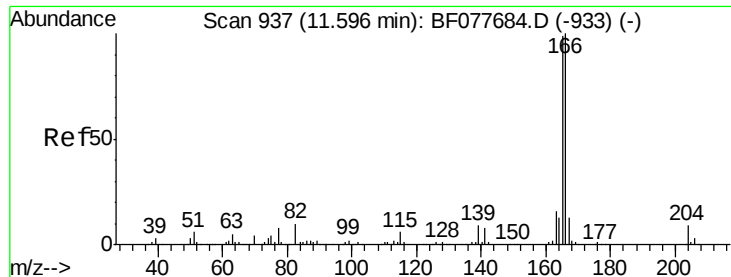
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:	165	Resp:	74072
Ion Ratio	Lower	Upper	
165	100		
63	63.8	52.4	78.6
89	85.5	72.4	108.6
182	2.3	2.0	3.0





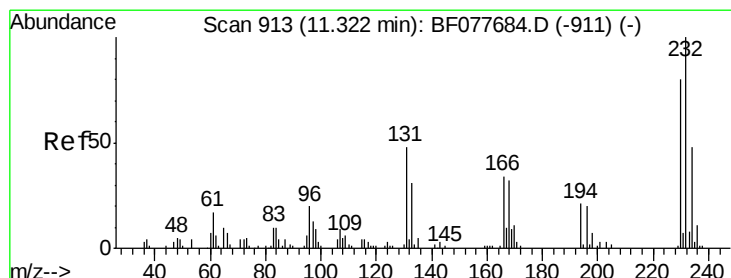
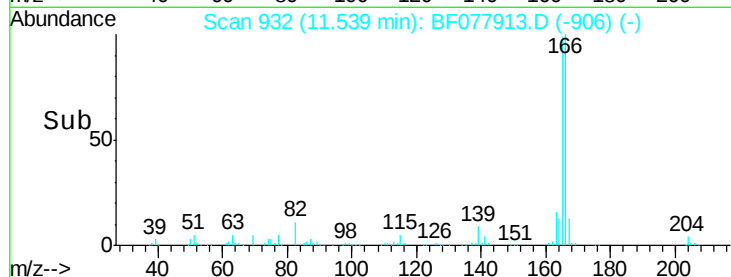
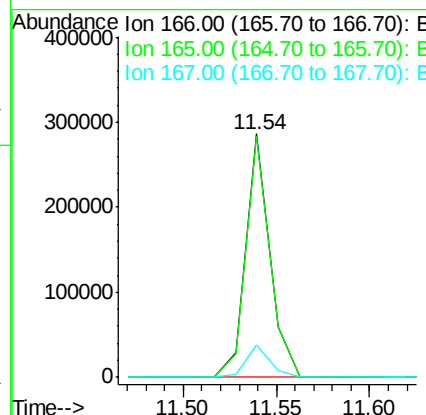
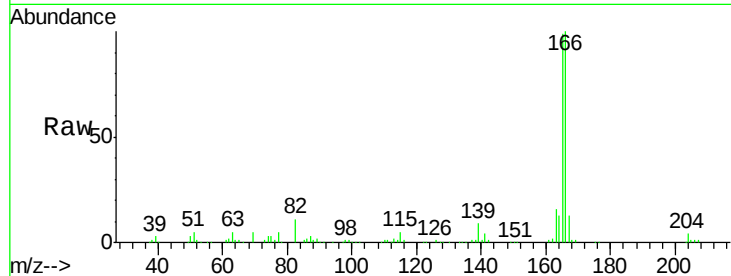
#57
 Fluorene
 Concen: 40.25 ng
 RT: 11.54 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	258293		
165	98.9	79.0	118.4	
167	13.3	10.3	15.5	

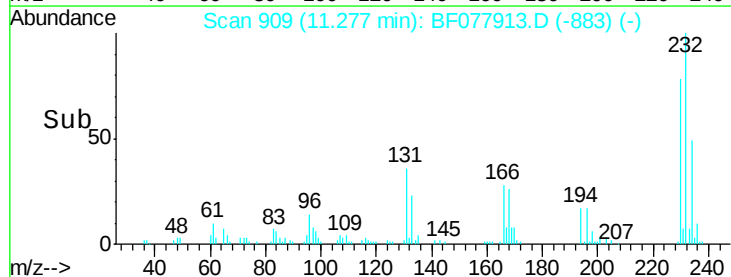
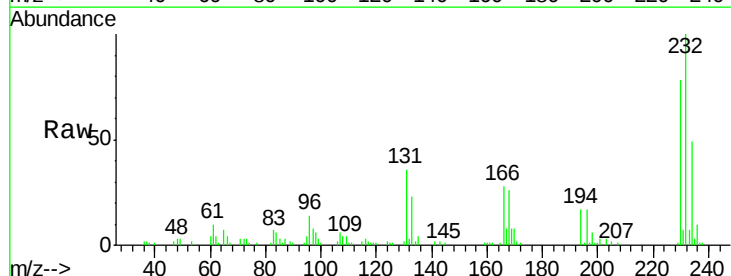
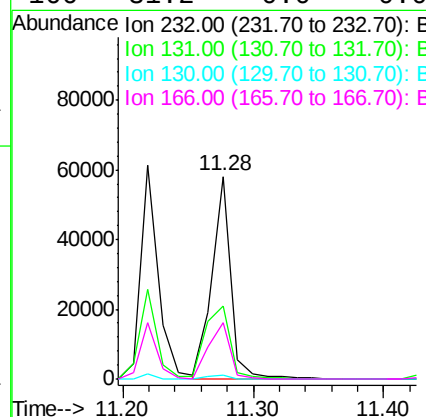
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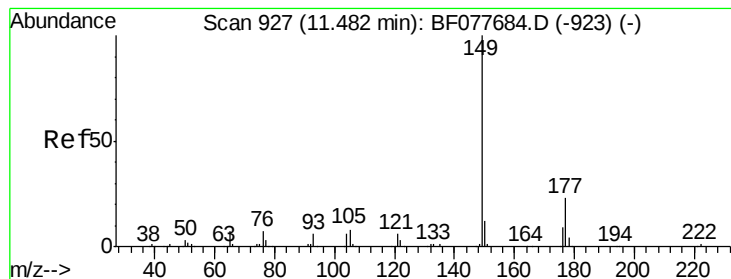
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.09 ng
 RT: 11.28 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	59411		
131	46.7	0.0	0.0#	
130	2.2	0.0	0.0#	
166	31.2	0.0	0.0#	





#59

Diethylphthalate

Concen: 41.56 ng

RT: 11.43 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

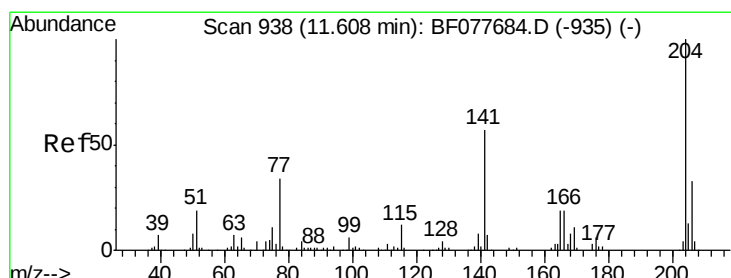
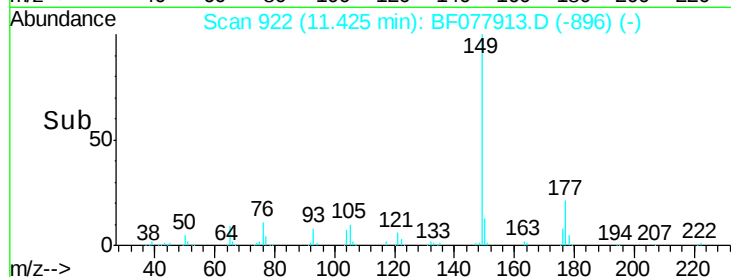
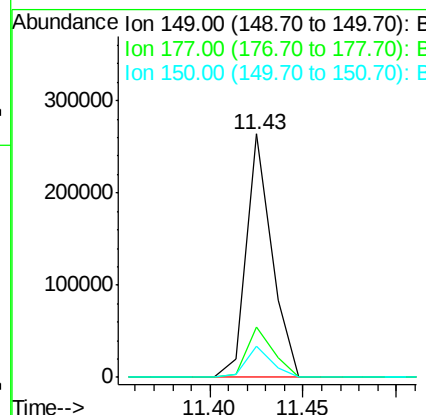
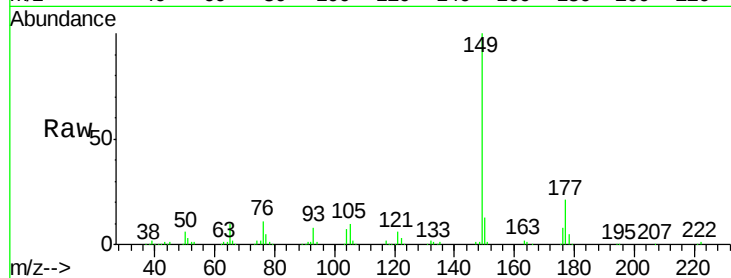
ClientSampleId :

PB82277BSD

Tgt Ion:	149	Resp:	252674
Ion Ratio	Lower	Upper	
149	100		
177	20.5	18.3	27.5
150	12.8	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 40.16 ng

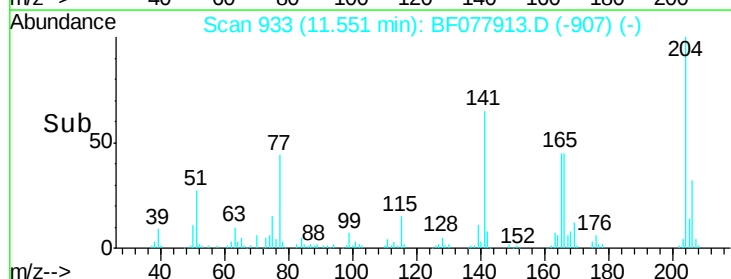
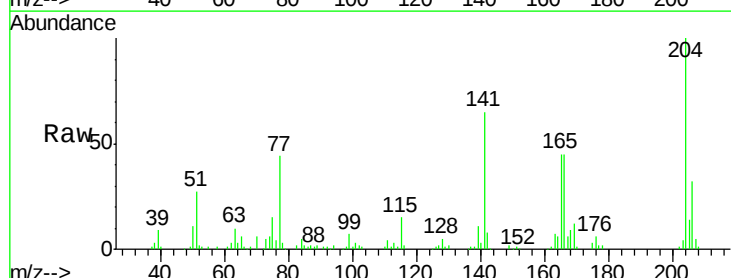
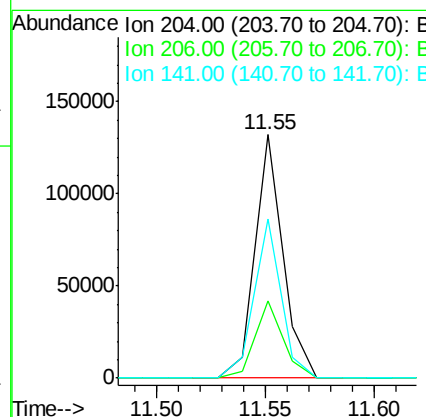
RT: 11.55 min Scan# 933

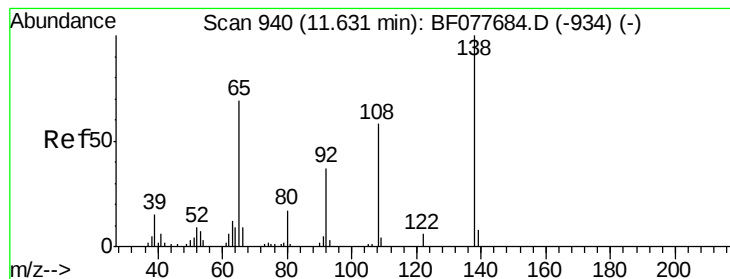
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:	204	Resp:	117629
Ion Ratio	Lower	Upper	
204	100		
206	31.9	26.6	39.8
141	65.4	45.2	67.8





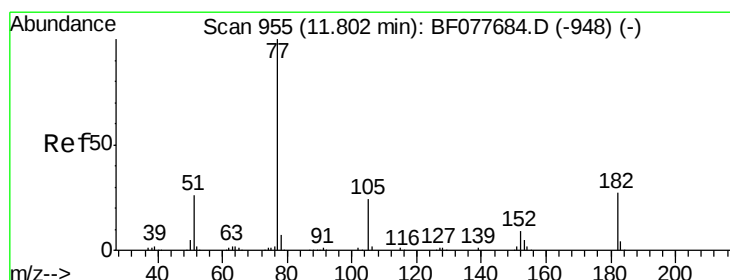
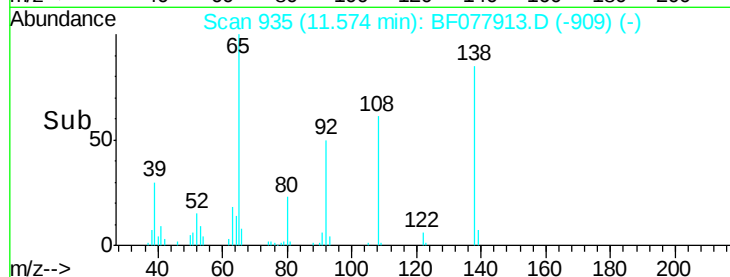
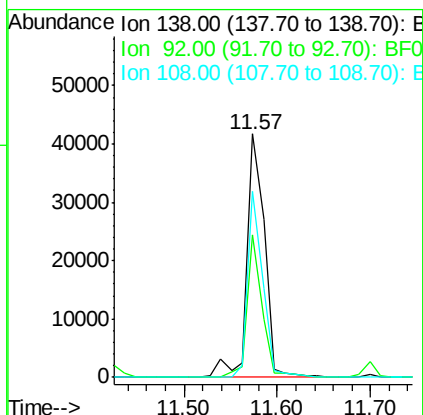
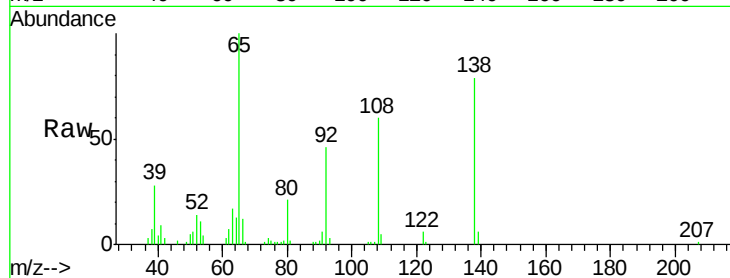
#61
4-Nitroaniline
Concen: 36.38 ng
RT: 11.57 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion: 138 Resp: 54466
Ion Ratio Lower Upper
138 100
92 58.4 16.7 56.7#
108 76.6 37.6 77.6

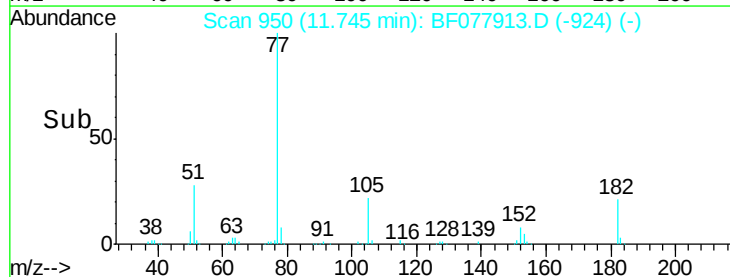
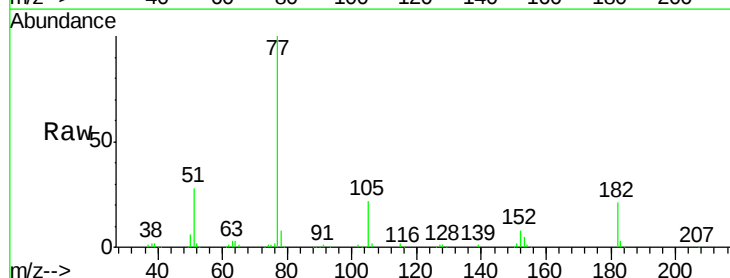
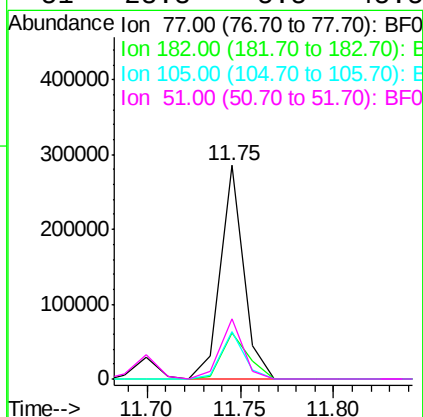
Manual Integrations
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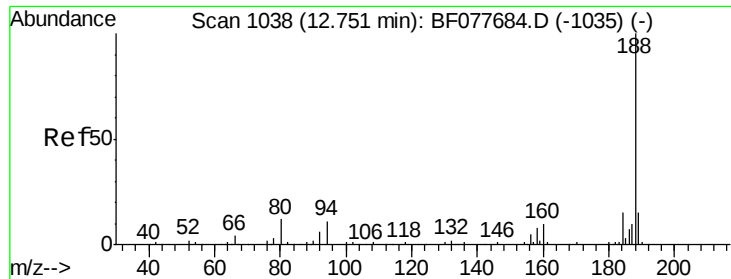
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#62
Azobenzene
Concen: 42.75 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion: 77 Resp: 248425
Ion Ratio Lower Upper
77 100
182 21.5 6.5 46.5
105 22.0 3.8 43.8
51 28.3 5.5 45.5





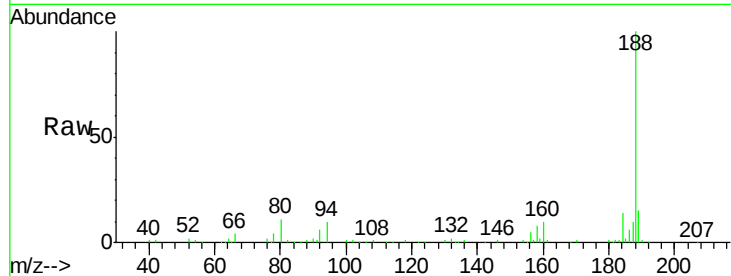
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	164244		
94	10.2		8.7	13.1
80	11.3		9.3	13.9

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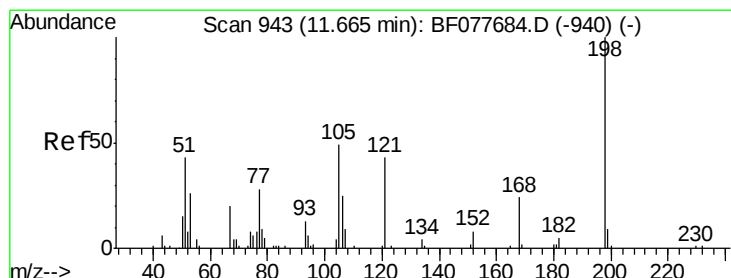
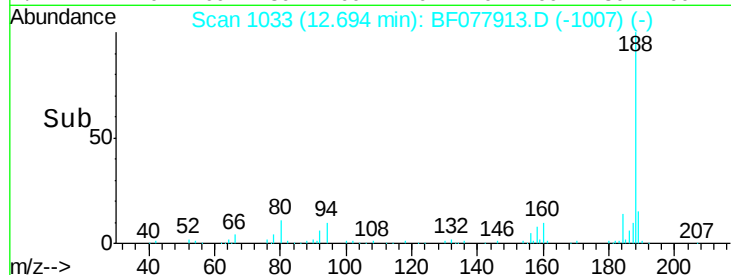
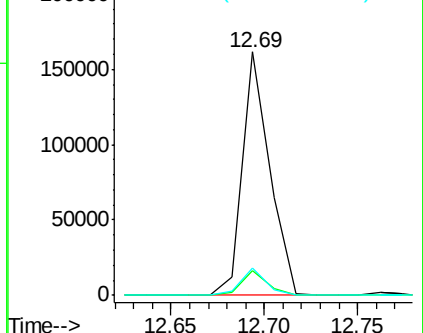
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Abundance Ion 188.00 (187.70 to 188.70): E

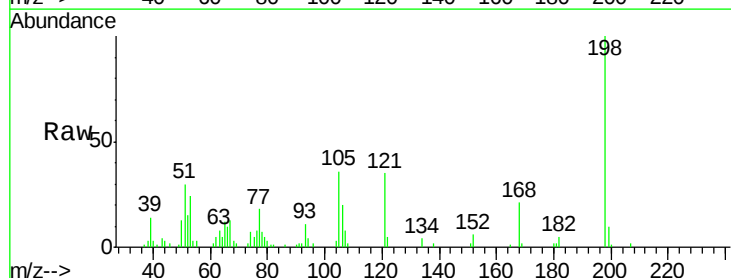
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.66 ng
 RT: 11.62 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

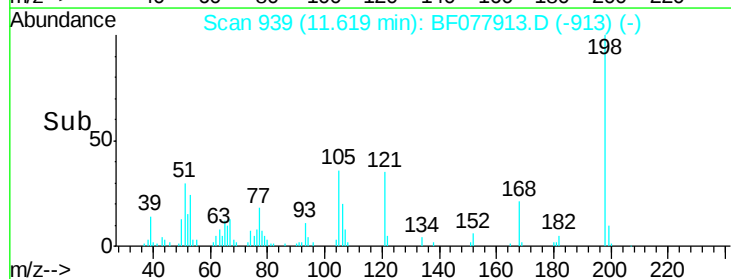
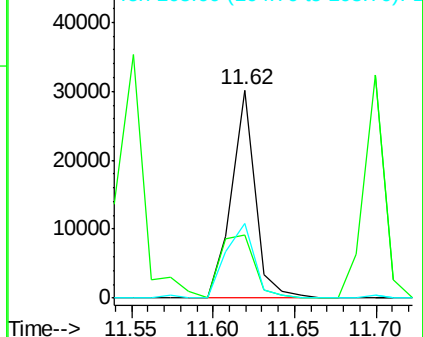
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	30123		
51	30.4		28.8	68.8
105	36.1		30.5	70.5

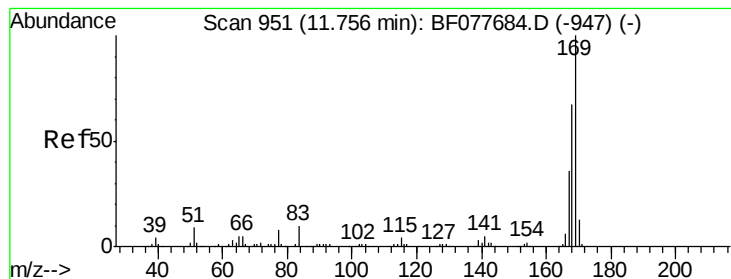


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





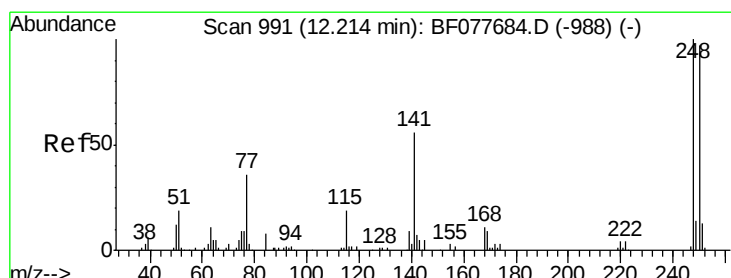
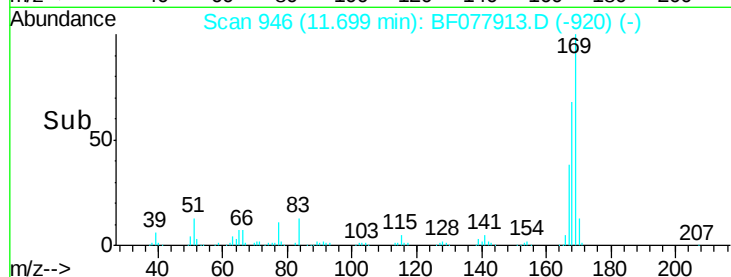
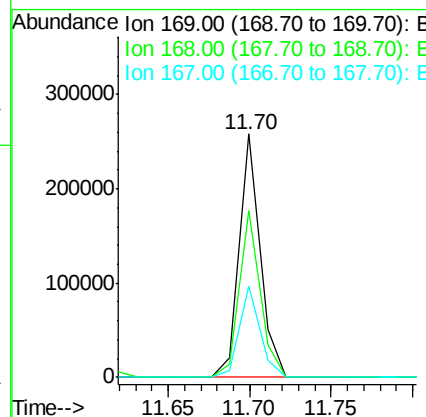
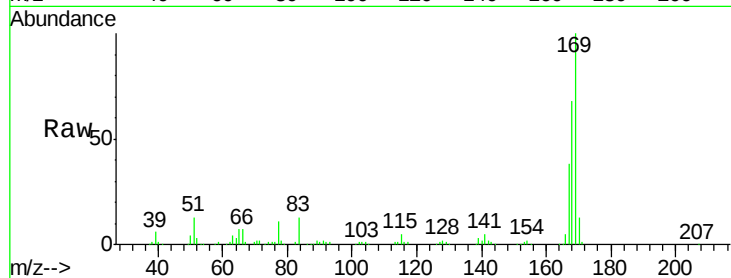
#65
 n-Nitrosodiphenylamine
 Concen: 41.52 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	227099		
168	68.4	53.9	80.9	
167	37.6	28.9	43.3	

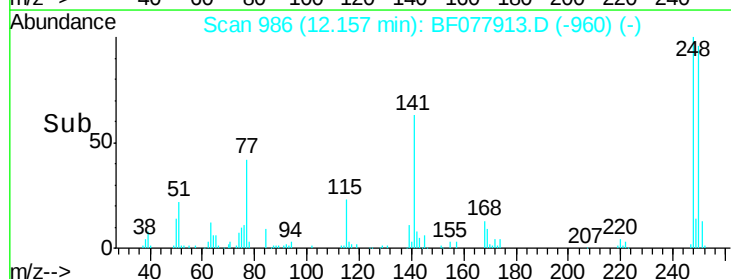
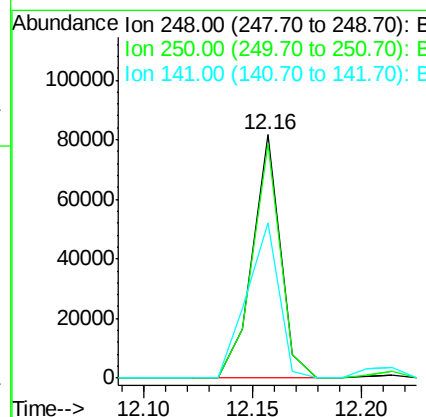
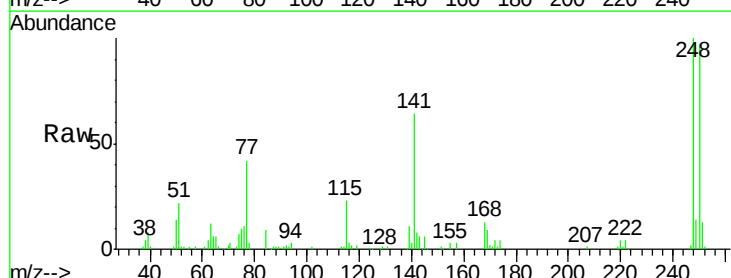
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#66
 4-Bromophenyl-phenylether
 Concen: 41.43 ng
 RT: 12.16 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	72610		
250	96.6	77.4	116.0	
141	63.7	45.2	67.8	





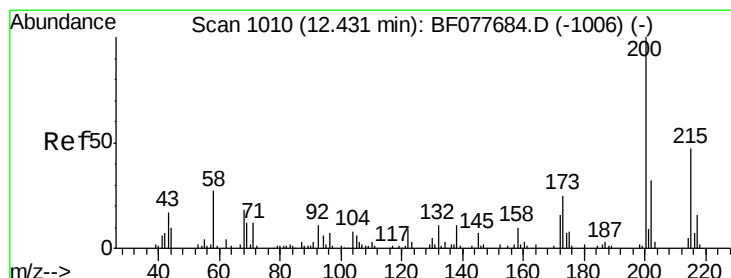
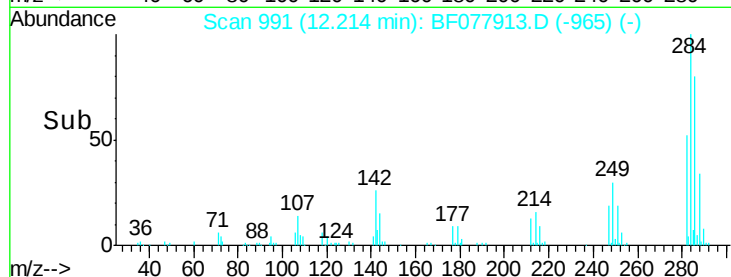
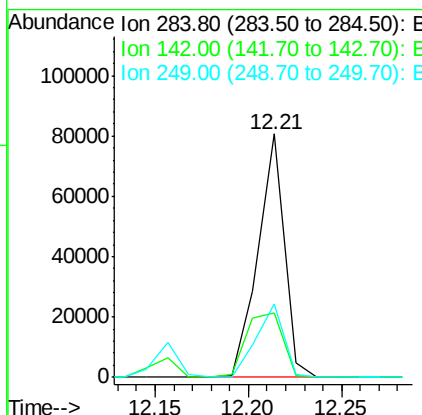
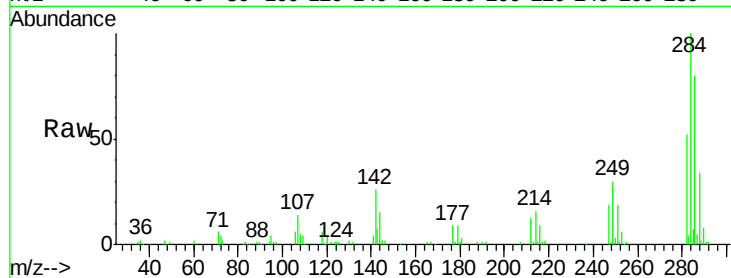
#67
Hexachlorobenzene
Concen: 40.72 ng
RT: 12.21 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	26.3	20.4	30.6
249	30.2	23.8	35.6

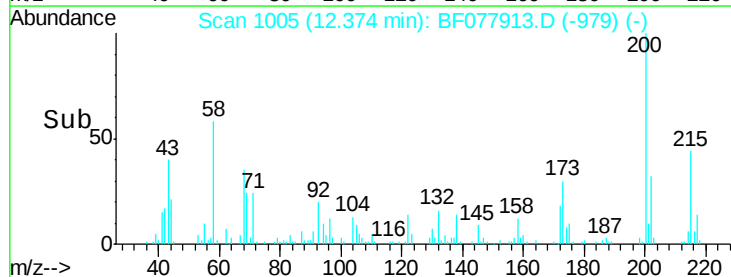
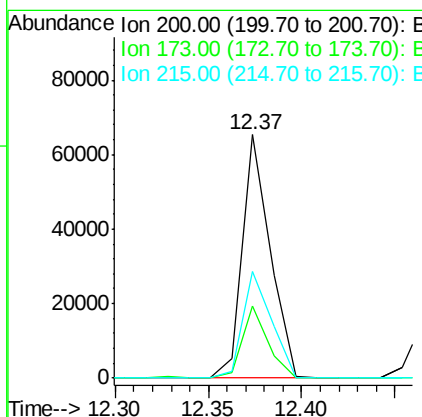
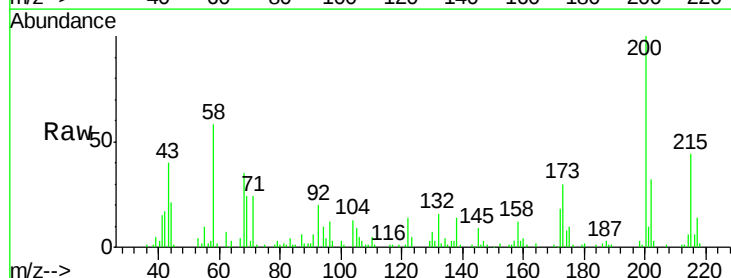
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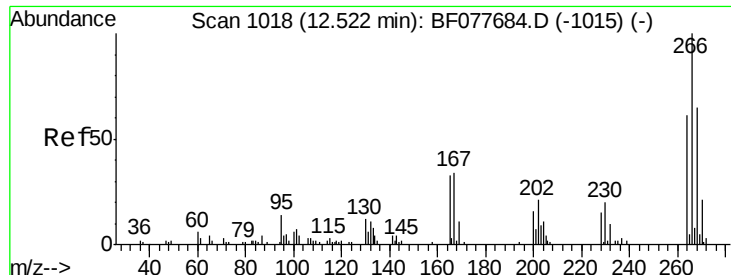
mohammad
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#68
Atrazine
Concen: 44.23 ng
RT: 12.37 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.8	4.8	44.8
215	43.6	26.9	66.9





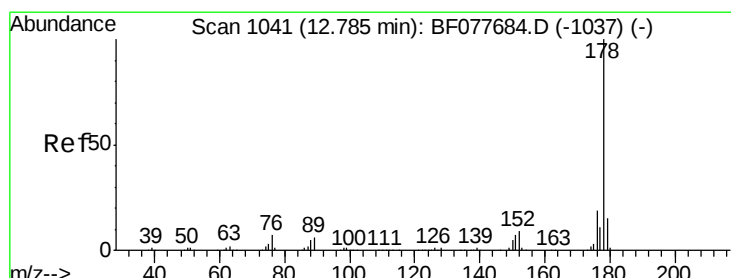
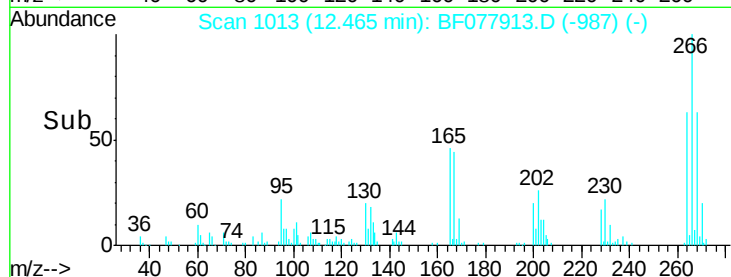
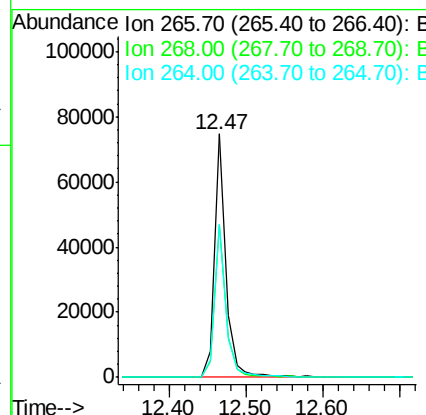
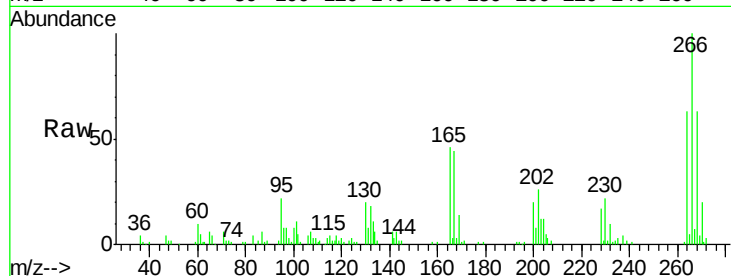
#69
 Pentachlorophenol
 Concen: 75.78 ng
 RT: 12.47 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.0	78.0
264	62.7	49.0	73.4

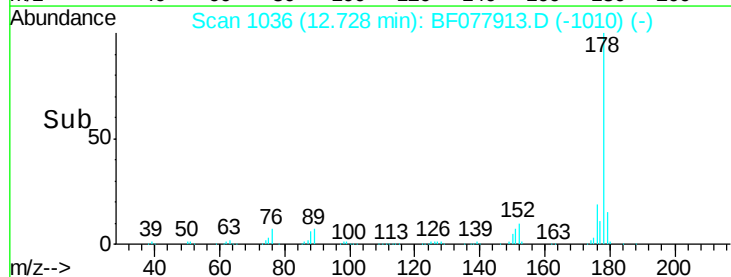
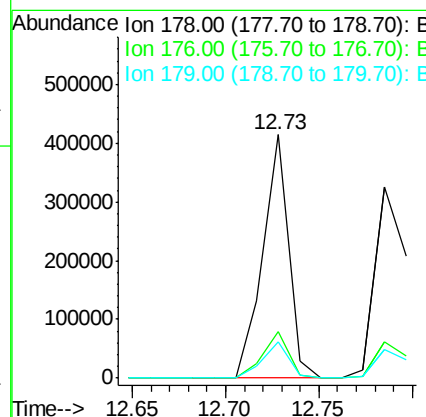
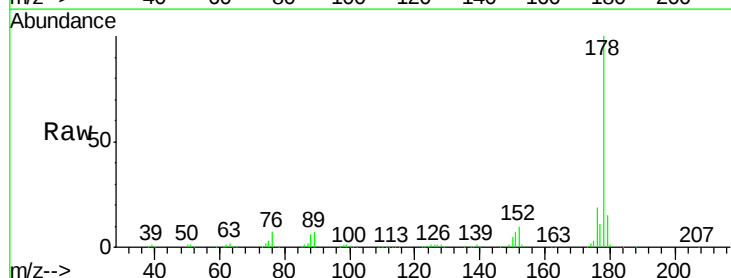
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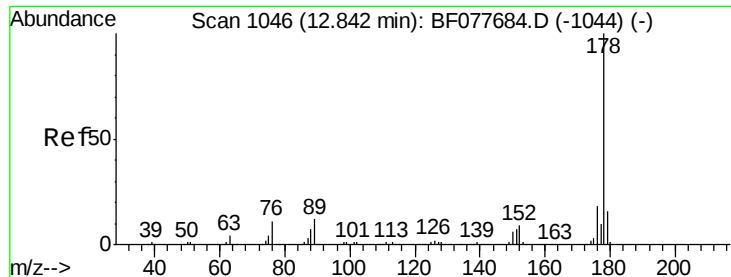
mohammad
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#70
 Phenanthrene
 Concen: 41.89 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	14.8	12.1	18.1





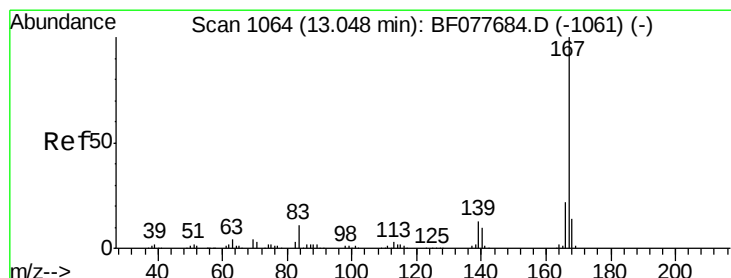
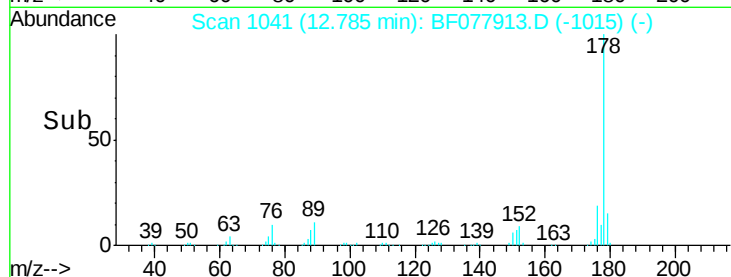
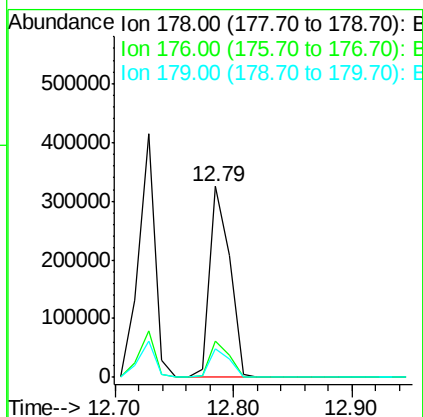
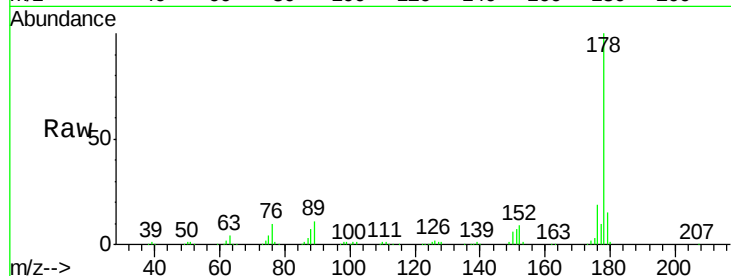
#71
 Anthracene
 Concen: 40.98 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.3	12.6	19.0

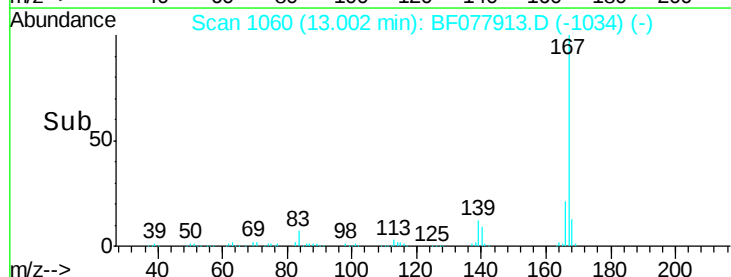
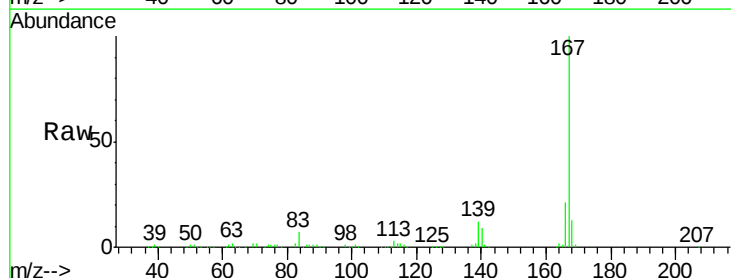
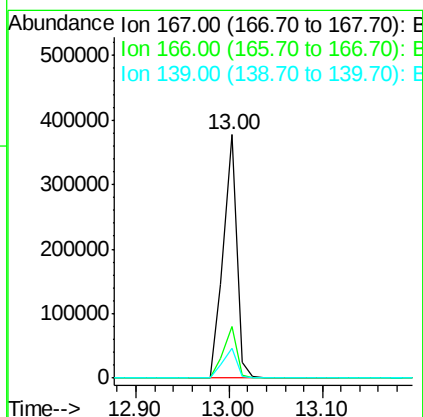
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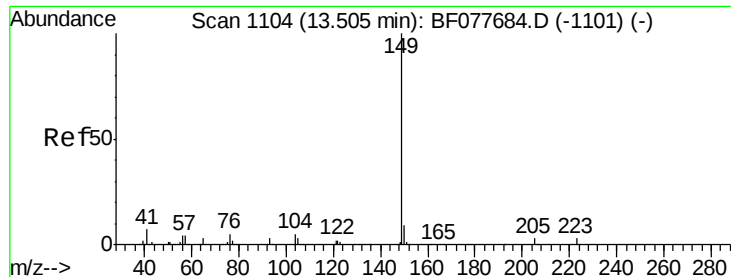
mohammad
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#72
 Carbazole
 Concen: 42.94 ng
 RT: 13.00 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.76 ng

RT: 13.46 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

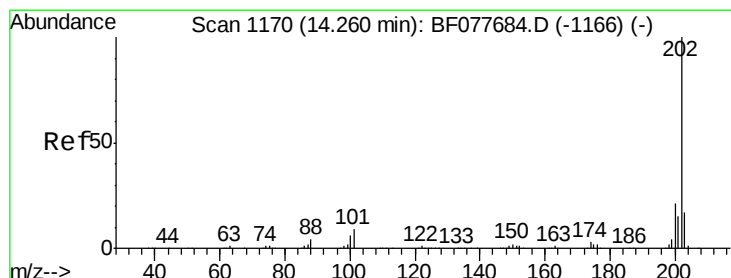
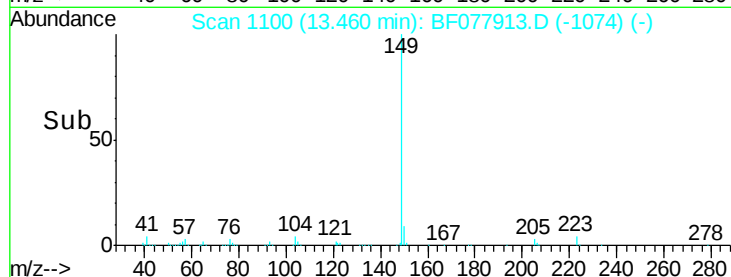
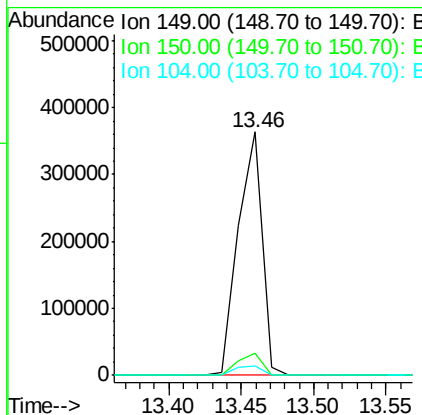
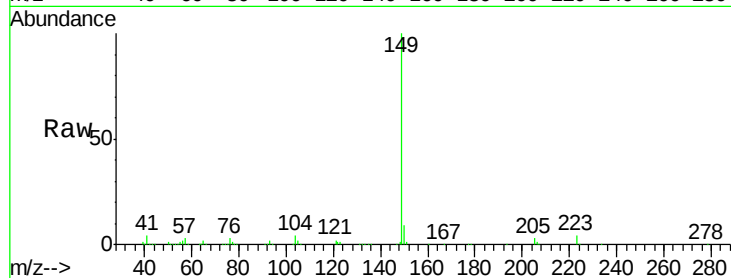
ClientSampleId :

PB82277BSD

Tgt Ion:	149	Resp:	414934
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.5	11.3
104	3.9	3.7	5.5

Manual Integrations
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#74

Fluoranthene

Concen: 40.94 ng

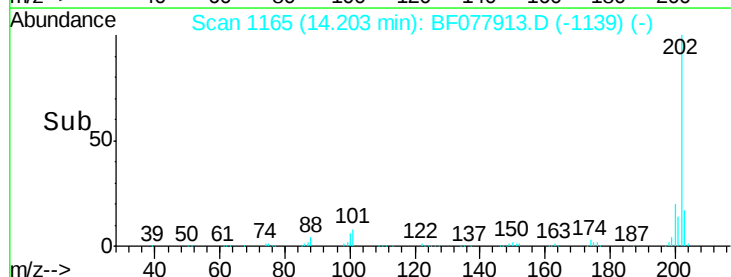
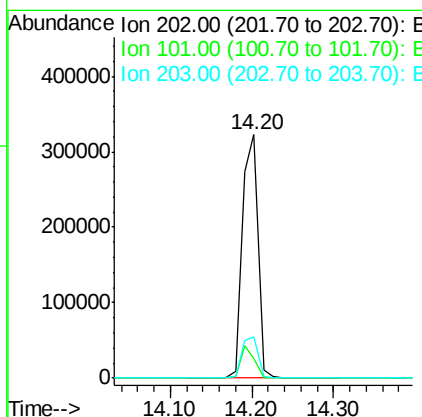
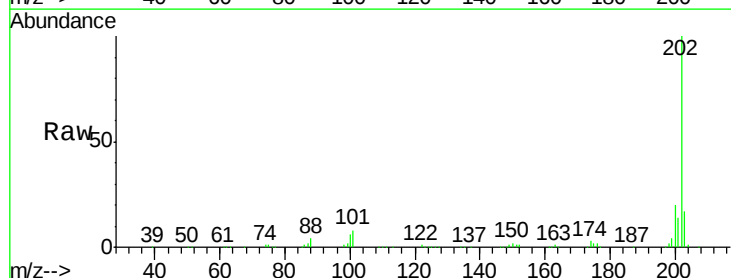
RT: 14.20 min Scan# 1165

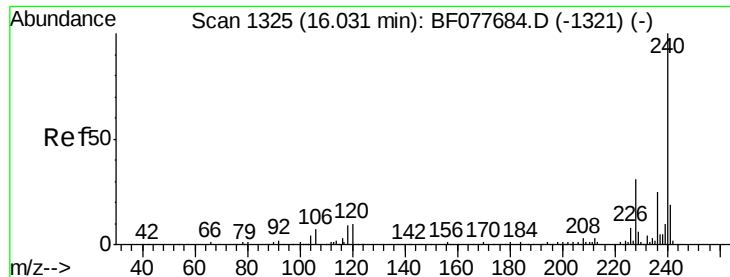
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:	202	Resp:	425799
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	28.7
203	17.0	0.0	37.2





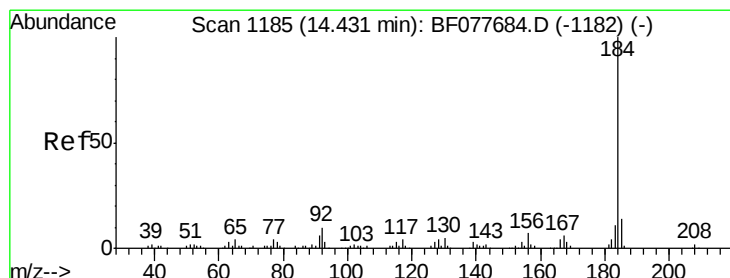
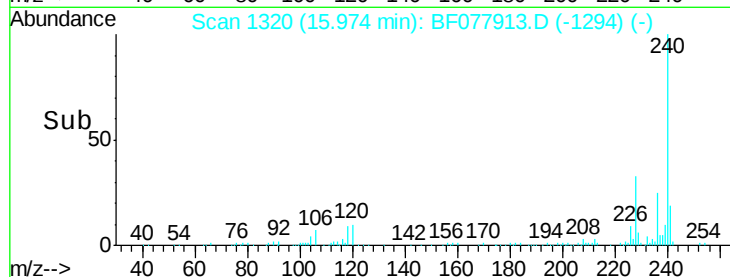
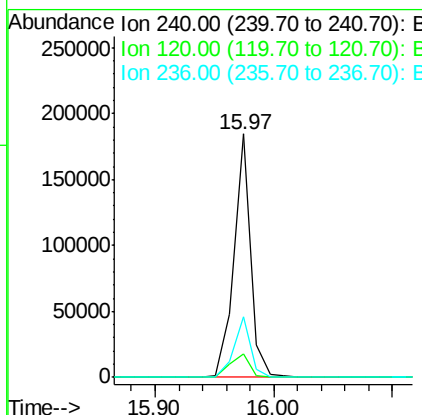
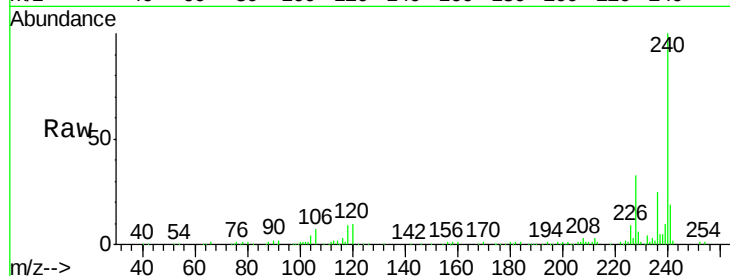
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	179942		
120	9.9	8.2	12.2	
236	24.9	20.0	30.0	

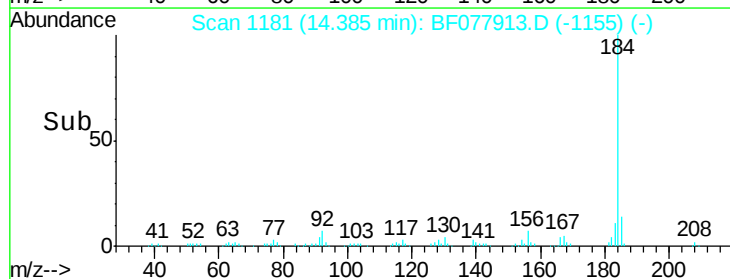
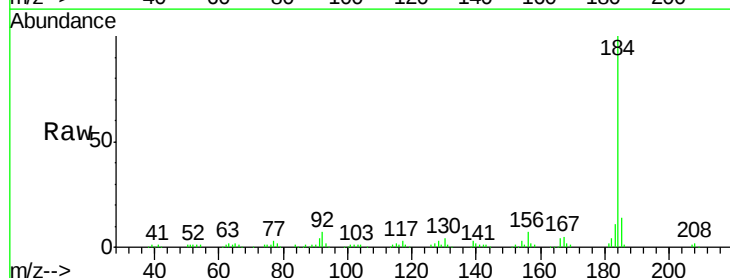
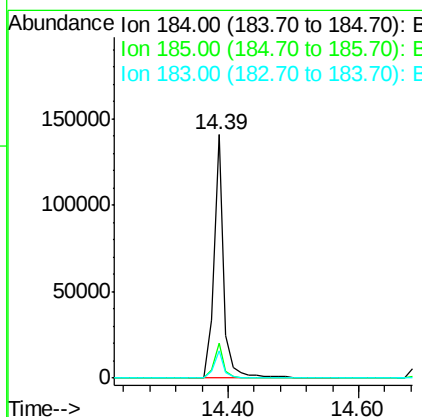
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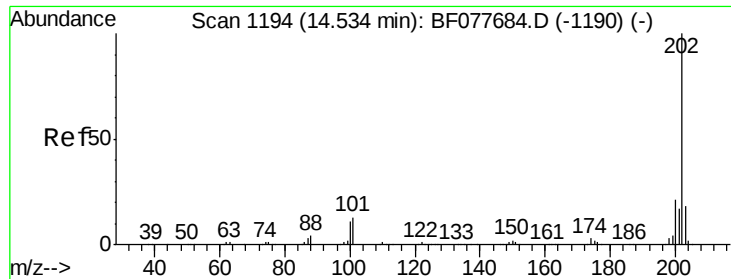
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#76
Benzidine
Concen: 33.52 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	149567		
185	14.3	11.3	16.9	
183	11.0	8.9	13.3	





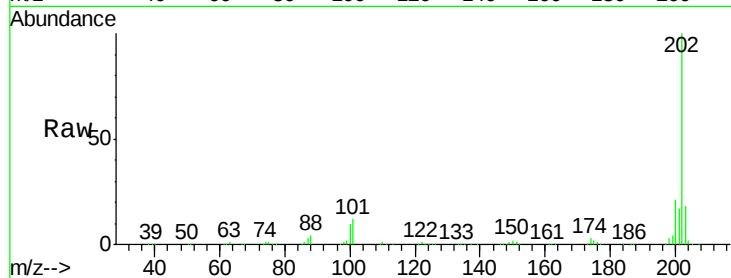
#77
 Pyrene
 Concen: 39.30 ng
 RT: 14.48 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

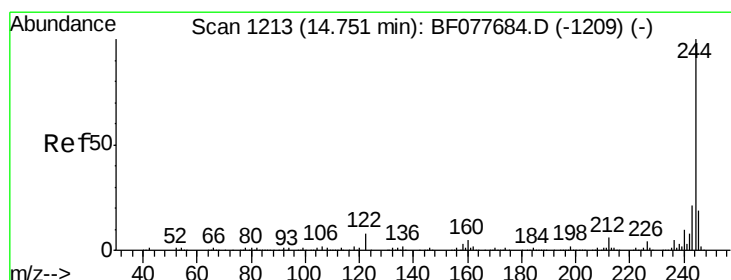
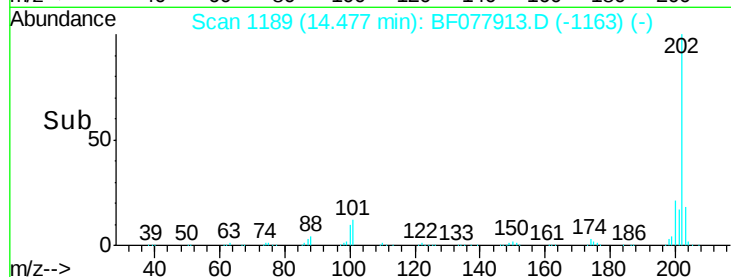
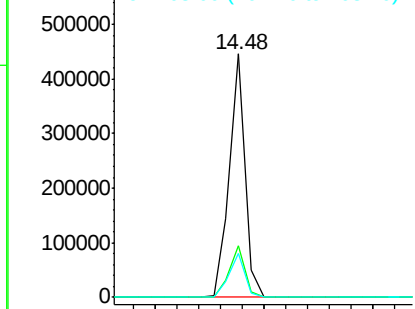
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	16.9	25.3
203	17.8	14.1	21.1

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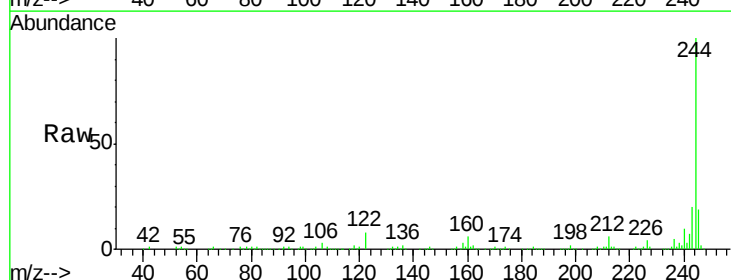


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

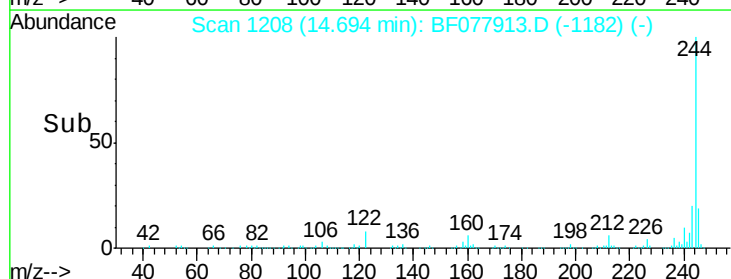
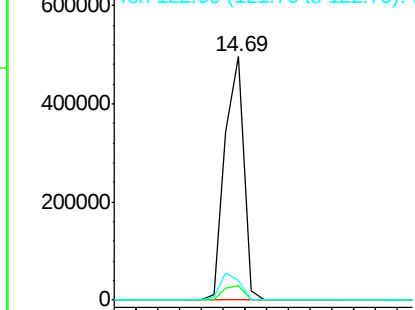


#78
 Terphenyl-d14
 Concen: 81.55 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.1	4.9	7.3
122	8.3	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.07 ng

RT: 15.31 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

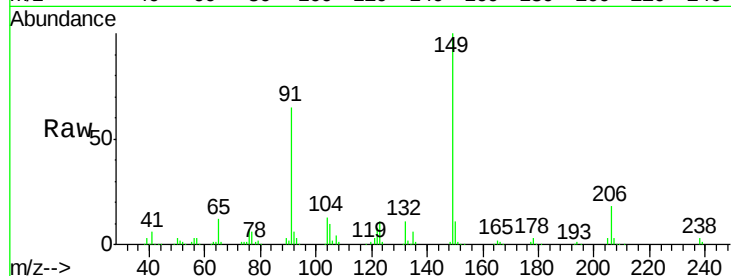
ClientSampleId :

PB82277BSD

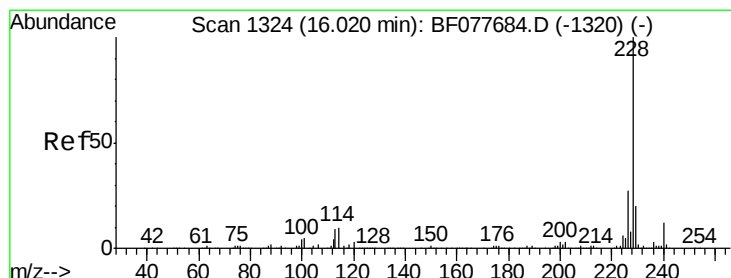
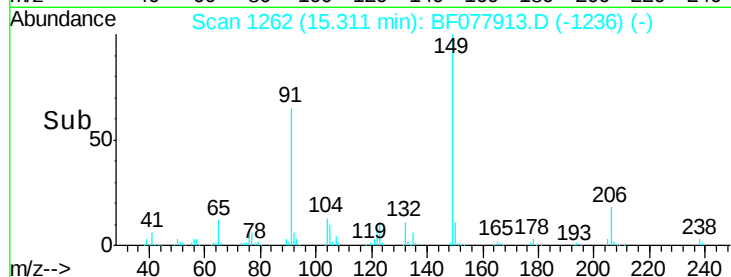
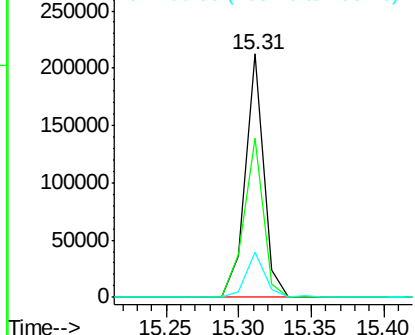
Tgt Ion:	149	Resp:	187676
Ion Ratio	Lower	Upper	
149	100		
91	65.2	50.1	75.1
206	18.4	16.2	24.2

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



#80

Benzo(a)anthracene

Concen: 40.13 ng

RT: 15.96 min Scan# 1319

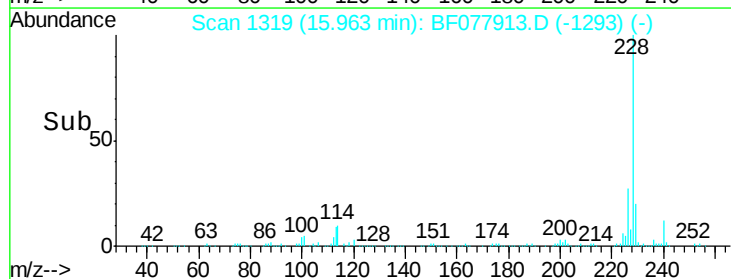
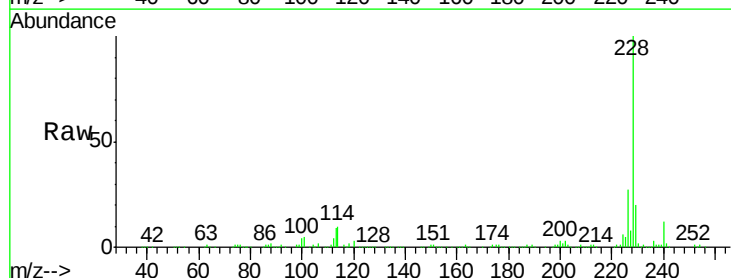
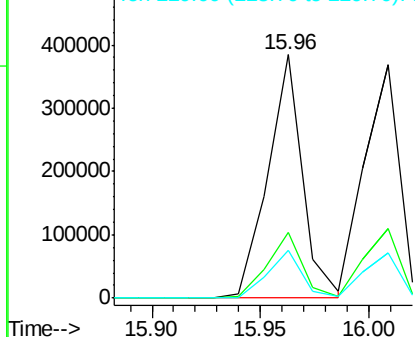
Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:	228	Resp:	428093
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.7	32.5
229	19.9	16.0	24.0

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





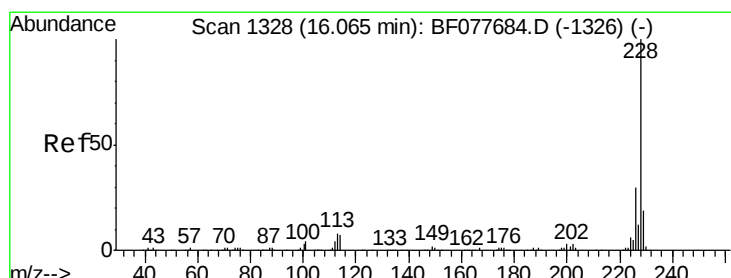
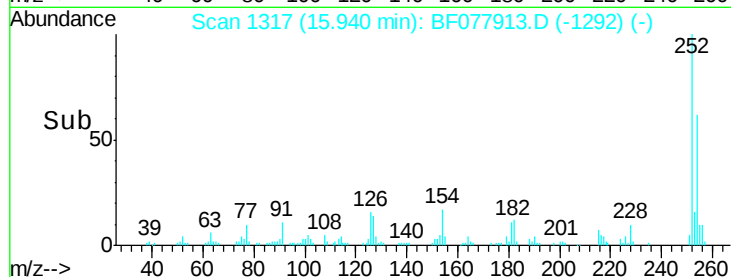
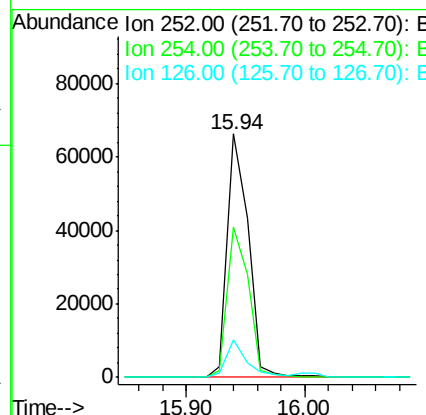
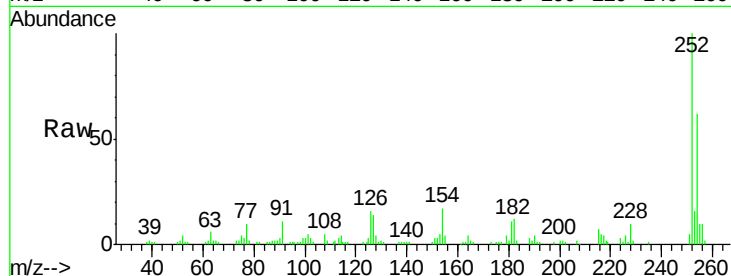
#81
 3,3'-Dichlorobenzidine
 Concen: 22.99 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.6	51.9	77.9
126	15.7	9.8	14.8

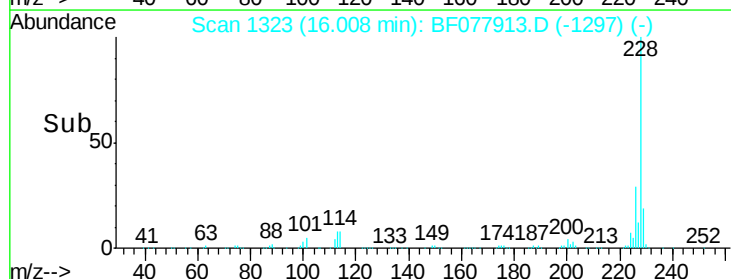
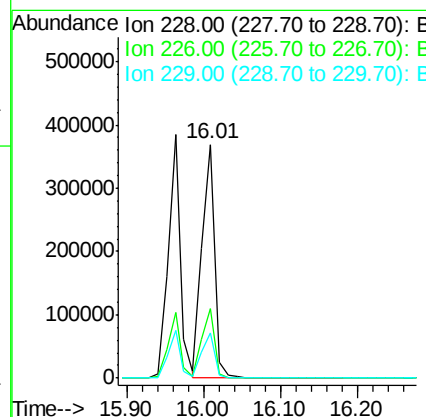
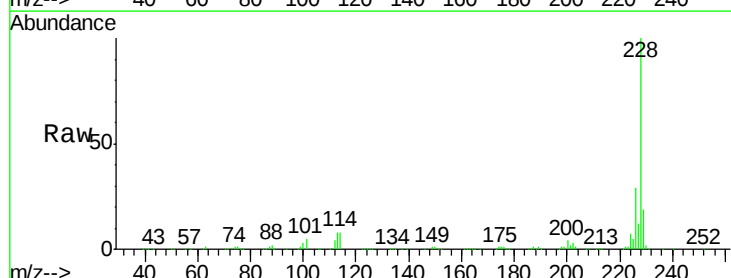
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#82
 Chrysene
 Concen: 43.68 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.5	24.1	36.1
229	19.4	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.15 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

Tgt Ion:149 Resp: 284830
Ion Ratio Lower Upper

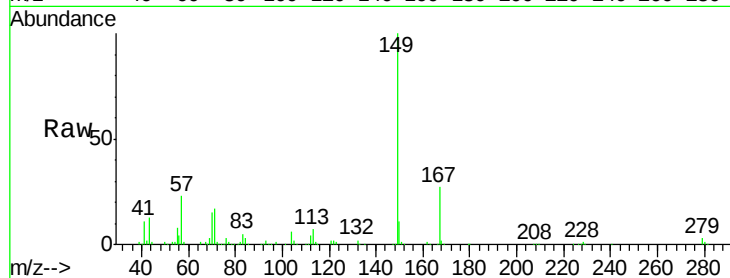
149 100

167 26.6 22.4 33.6

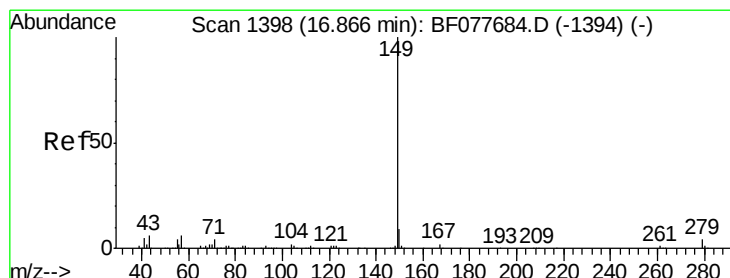
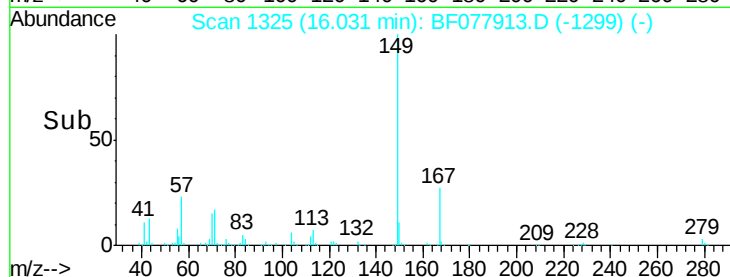
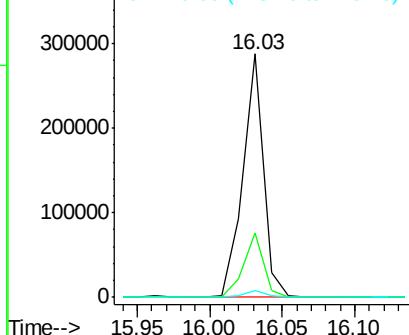
279 3.1 3.4 5.0#

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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: 41.36 ng

RT: 16.82 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF077913.D

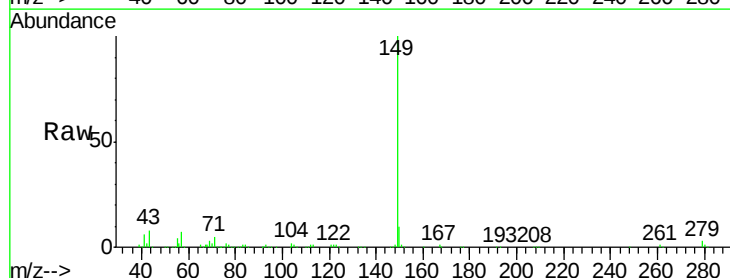
Acq: 24 Mar 2015 16:01

Tgt Ion:149 Resp: 477876
Ion Ratio Lower Upper

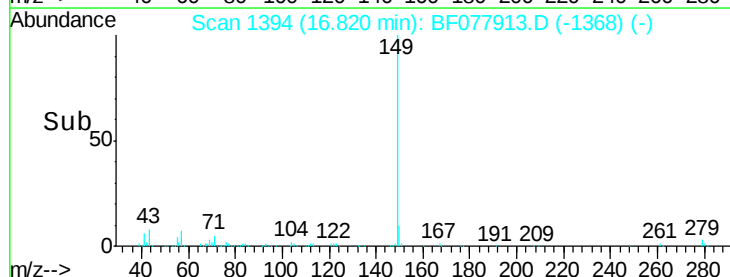
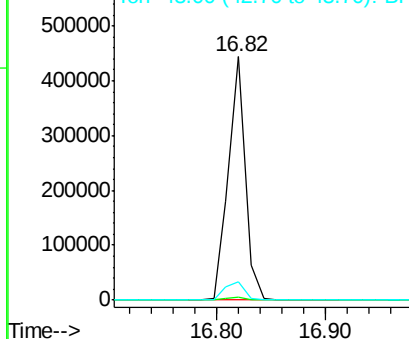
149 100

167 1.5 1.2 1.8

43 9.2 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





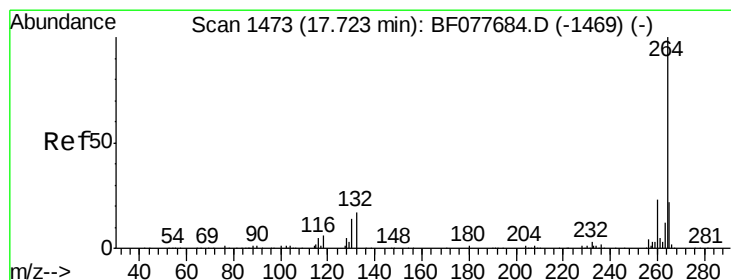
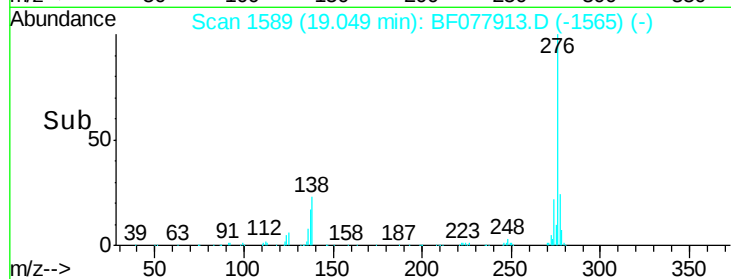
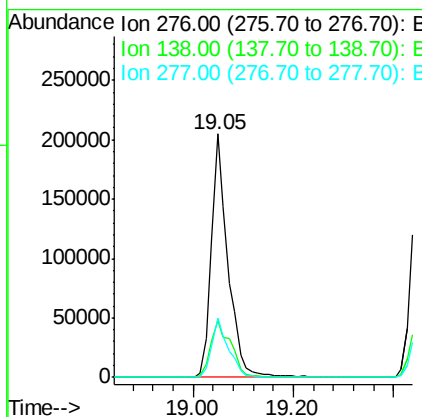
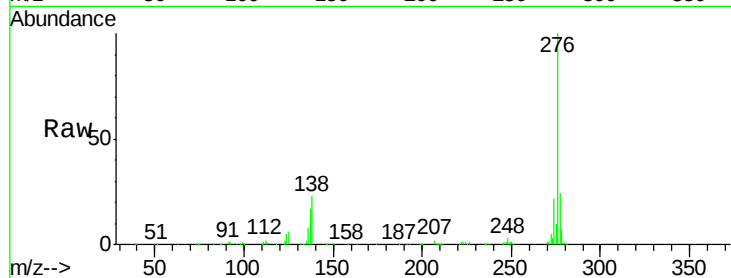
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.10 ng
RT: 19.05 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampled :
PB82277BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.3	0.0	0.0#
277	24.7	0.0	0.0#

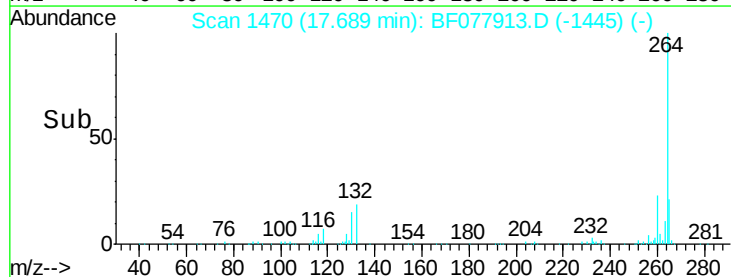
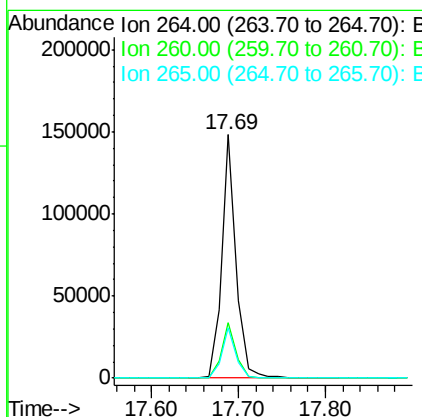
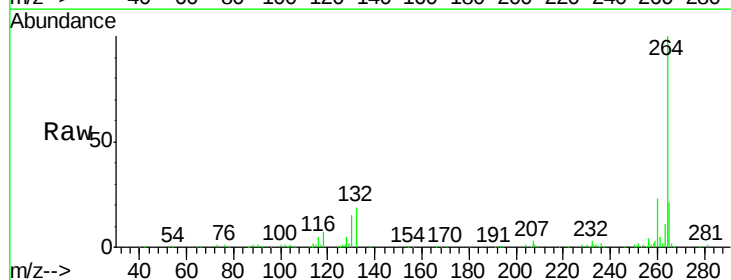
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.9	18.6	27.8
265	20.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.43 ng

RT: 17.25 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

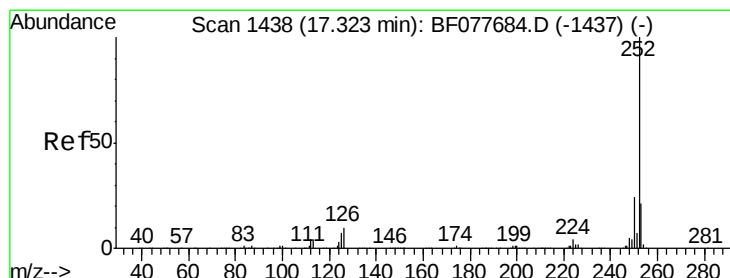
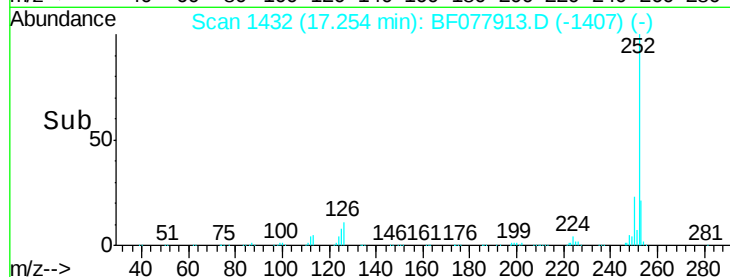
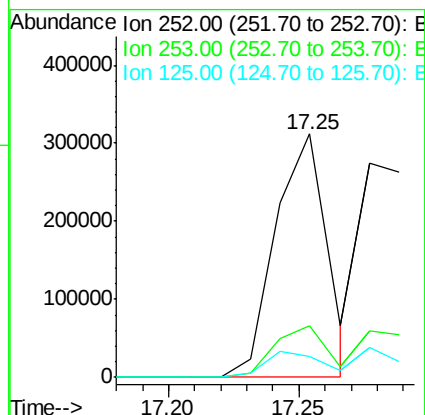
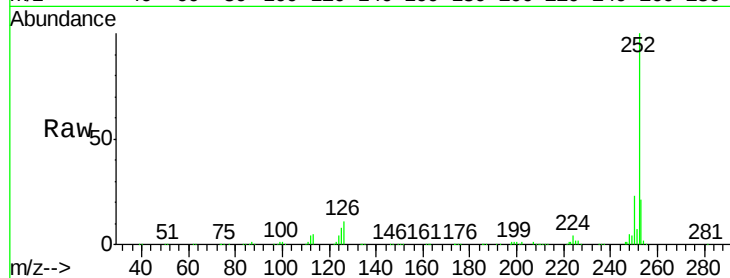
ClientSampleId :

PB82277BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	8.3	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 46.08 ng m

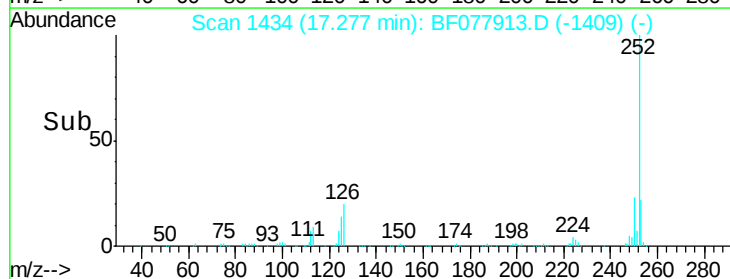
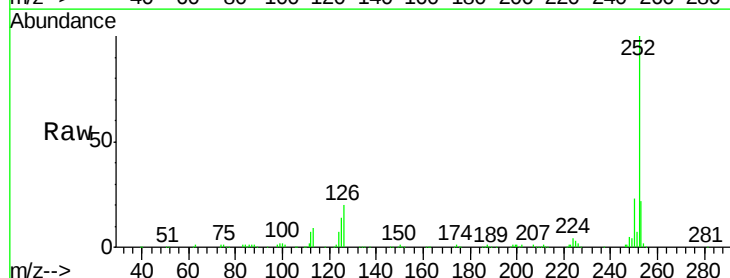
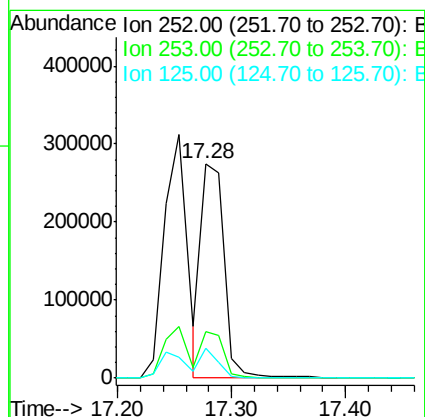
RT: 17.28 min Scan# 1434

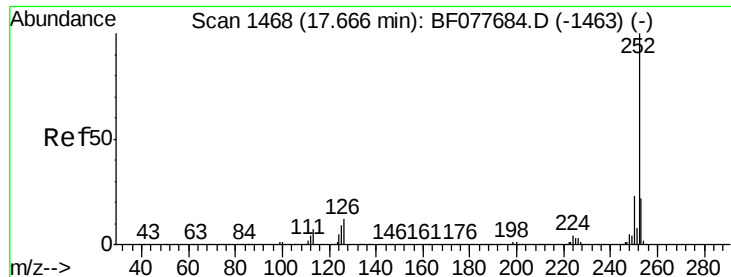
Delta R.T. -0.01 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	13.9	8.1	12.1#





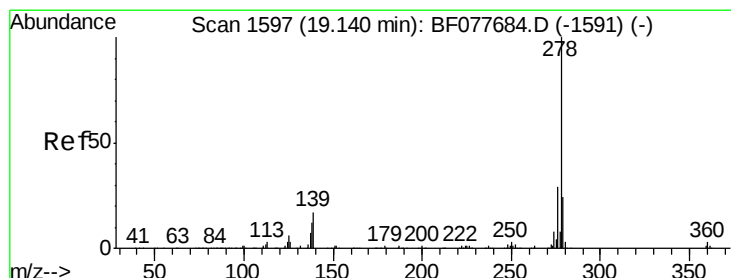
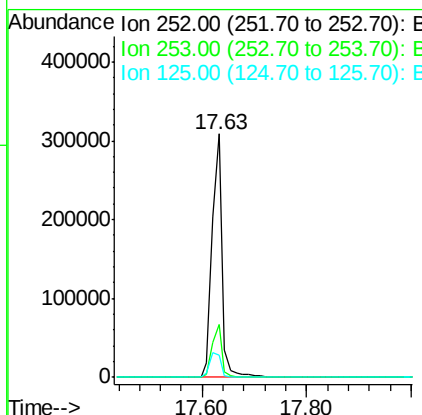
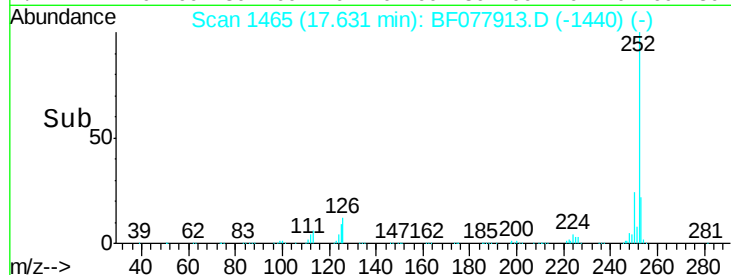
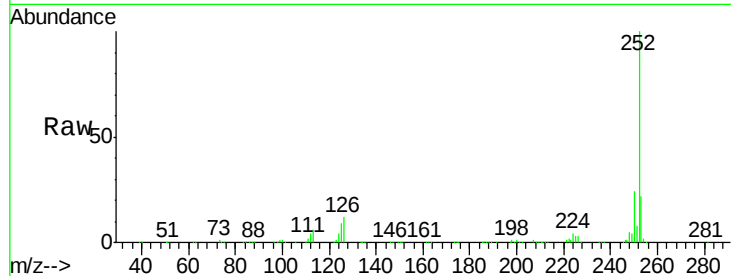
#89
Benzo(a)pyrene
Concen: 43.92 ng
RT: 17.63 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.9	7.4	11.2

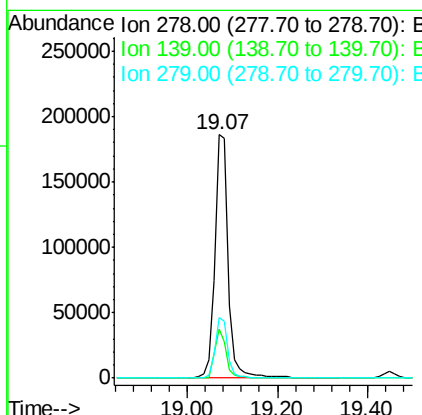
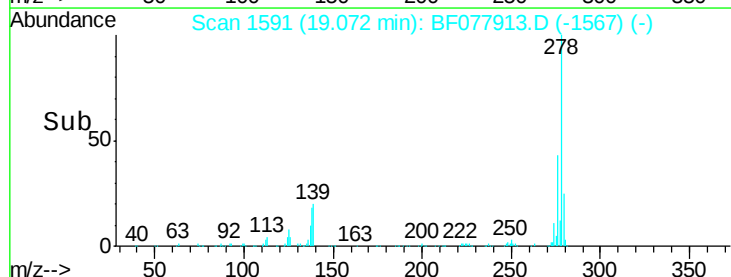
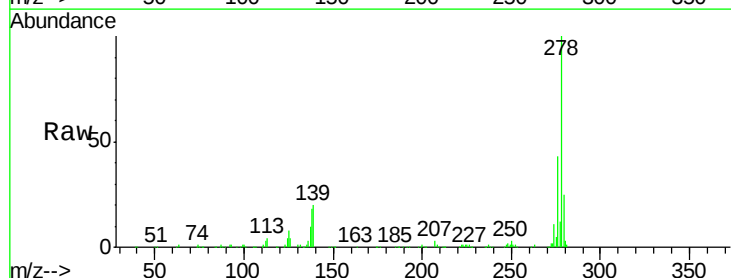
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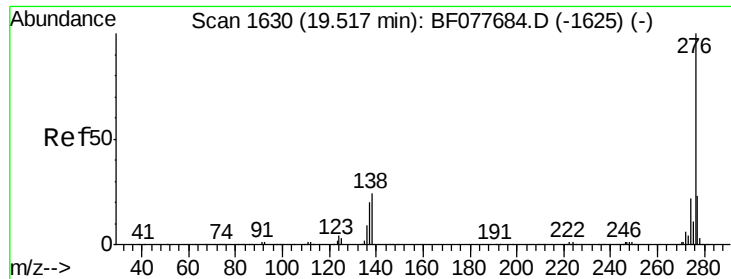
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#90
Dibenzo(a,h)anthracene
Concen: 41.84 ng
RT: 19.07 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	13.4	20.0#
279	24.7	19.0	28.4





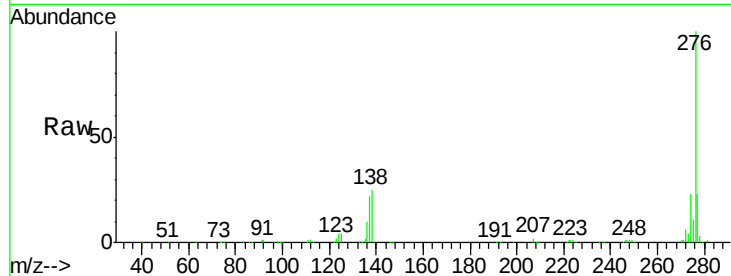
#91
 Benzo(g,h,i)perylene
 Concen: 40.94 ng
 RT: 19.45 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion:	276	Resp:	385290
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.5	27.7
138	25.5	19.0	28.6

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 APPROVED

mohammad
 3/25/2015 5:01:06 PM



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

