

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077611.D
 Acq On : 5 Mar 2015 7:50
 Operator : TP/IZ
 Sample : G1332-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Manual Integrations
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Quant Time: Mar 05 12:45:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 13:27:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	98279	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	389006	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	202150	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	384987	20.00	ng	0.00
75) Chrysene-d12	16.12	240	388824	20.00	ng	0.00
86) Perylene-d12	17.89	264	375306	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	458504	77.88	ng	0.00
7) Phenol-d6	6.79	99	619160	81.80	ng	0.00
23) Nitrobenzene-d5	7.92	82	341848	54.65	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	145652	74.83	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	698206	53.85	ng	0.00
78) Terphenyl-d14	14.81	244	801153	48.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	53247	21.31	ng	95
3) Pyridine	2.90	79	123296	17.25	ng	96
4) n-Nitrosodimethylamine	2.80	42	68185	21.94	ng	96
6) Aniline	6.82	93	83271	7.96	ng	# 79
8) 2-Chlorophenol	6.96	128	167026	24.05	ng	95
9) Benzaldehyde	6.67	77	30787	6.70	ng	96
10) Phenol	6.81	94	220281	24.53	ng	86
11) bis(2-Chloroethyl)ether	6.92	93	146532	22.71	ng	85
12) 1,3-Dichlorobenzene	7.15	146	178557	23.61	ng	# 92
13) 1,4-Dichlorobenzene	7.25	146	176284	22.92	ng	96
14) 1,2-Dichlorobenzene	7.43	146	163400	22.33	ng	96
15) Benzyl Alcohol	7.41	79	130608	22.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.58	45	216076	23.42	ng	96
17) 2-Methylphenol	7.55	107	123857	22.82	ng	93
18) Hexachloroethane	7.85	117	57134	22.24	ng	93
19) n-Nitroso-di-n-propylamine	7.74	70	115201	23.97	ng	# 92
20) 3+4-Methylphenols	7.75	107	171106	23.93	ng	# 74
22) Acetophenone	7.73	105	230508	25.19	ng	# 87
24) Nitrobenzene	7.94	77	167002	25.37	ng	87
25) Isophorone	8.24	82	297471	23.97	ng	# 93
26) 2-Nitrophenol	8.33	139	68132	25.26	ng	# 82
27) 2,4-Dimethylphenol	8.40	122	135235	22.41	ng	96
28) bis(2-Chloroethoxy)methane	8.52	93	196299	25.04	ng	99
29) 2,4-Dichlorophenol	8.63	162	142146	25.09	ng	97
30) 1,2,4-Trichlorobenzene	8.73	180	146231	23.48	ng	98
31) Naphthalene	8.83	128	478245	24.58	ng	99
32) Benzoic acid	8.50	122	69886	23.83	ng	98
33) 4-Chloroaniline	8.90	127	90839	10.50	ng	# 91
34) Hexachlorobutadiene	8.98	225	82936	23.32	ng	99
35) Caprolactam	9.33	113	42829	24.76	ng	85
36) 4-Chloro-3-methylphenol	9.51	107	139898	24.56	ng	91
37) 2-Methylnaphthalene	9.69	142	343193	24.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	147539	25.44	ng	98
40) Hexachlorocyclopentadiene	9.88	237	43918	14.12	ng	99

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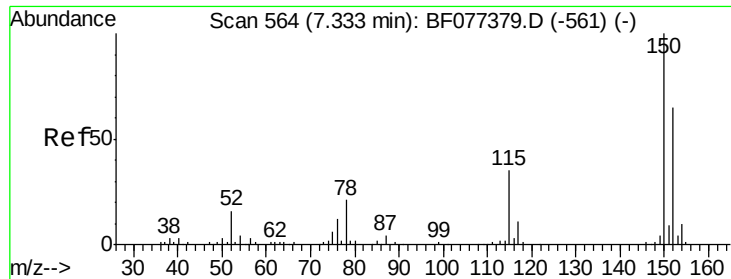
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	99824	25.99	ng	97
43) 2,4,5-Trichlorophenol	10.09	196	104858	25.53	ng #	95
45) 1,1'-Biphenyl	10.27	154	396990	25.92	ng	99
46) 2-Chloronaphthalene	10.29	162	311021	25.89	ng	95
47) 2-Nitroaniline	10.42	65	91124	30.82	ng	86
48) Acenaphthylene	10.80	152	469066	24.67	ng	100
49) Dimethylphthalate	10.66	163	397672	27.99	ng	98
50) 2,6-Dinitrotoluene	10.73	165	71987	25.26	ng #	61
51) Acenaphthene	11.01	154	271508	23.93	ng	100
52) 3-Nitroaniline	10.93	138	73866	22.48	ng	82
53) 2,4-Dinitrophenol	11.07	184	7474	8.62	ng #	89
54) Dibenzofuran	11.23	168	446844	25.51	ng	99
55) 4-Nitrophenol	11.15	139	140069	53.00	ng #	78
56) 2,4-Dinitrotoluene	11.23	165	90344	23.46	ng #	87
57) Fluorene	11.65	166	355197	25.36	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.38	232	83979	25.43	ng	96
59) Diethylphthalate	11.53	149	357268	25.50	ng	97
60) 4-Chlorophenyl-phenylether	11.66	204	162838	24.13	ng	95
61) 4-Nitroaniline	11.68	138	88038	27.96	ng	94
62) Azobenzene	11.86	77	345386	25.99	ng	99
64) 4,6-Dinitro-2-methylphenol	11.73	198	7093	7.97	ng #	10
65) n-Nitrosodiphenylamine	11.81	169	318873	24.96	ng	100
66) 4-Bromophenyl-phenylether	12.27	248	100830	22.37	ng	97
67) Hexachlorobenzene	12.33	284	103256	21.34	ng	96
68) Atrazine	12.49	200	101108	24.35	ng	96
69) Pentachlorophenol	12.58	266	116615	45.85	ng	97
70) Phenanthrene	12.85	178	520479	23.33	ng	99
71) Anthracene	12.91	178	528878	23.88	ng	99
72) Carbazole	13.12	167	496125	23.56	ng	99
73) Di-n-butylphthalate	13.57	149	562305	22.74	ng	98
74) Fluoranthene	14.32	202	564078	23.14	ng	98
76) Benzidine	14.51	184	284729	21.67	ng	98
77) Pyrene	14.60	202	577839	24.29	ng	99
79) Butylbenzylphthalate	15.43	149	241525	24.68	ng	98
80) Benzo(a)anthracene	16.10	228	549055	24.09	ng	99
81) 3,3'-Dichlorobenzidine	16.08	252	135572	16.24	ng #	97
82) Chrysene	16.15	228	501692	23.45	ng	98
83) Bis(2-ethylhexyl)phthalate	16.16	149	358171	22.83	ng #	97
84) Di-n-octyl phthalate	16.97	149	637532	24.34	ng #	84
85) Indeno(1,2,3-cd)pyrene	19.34	276	583855	23.93	ng	99
87) Benzo(b)fluoranthene	17.43	252	528553	24.22	ng #	94
88) Benzo(k)fluoranthene	17.47	252	510458m	23.87	ng	
89) Benzo(a)pyrene	17.83	252	493514	23.74	ng #	93
90) Dibenzo(a,h)anthracene	19.36	278	489345	24.69	ng #	96
91) Benzo(g,h,i)perylene	19.76	276	481313	24.06	ng	98

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



#1

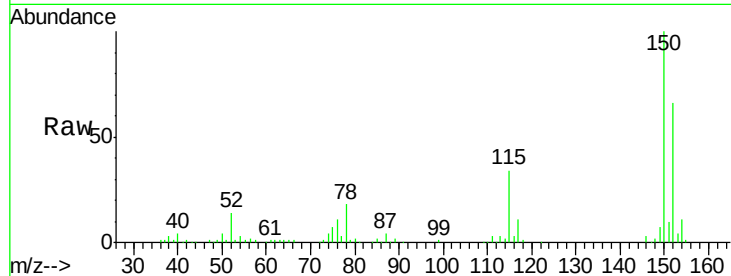
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

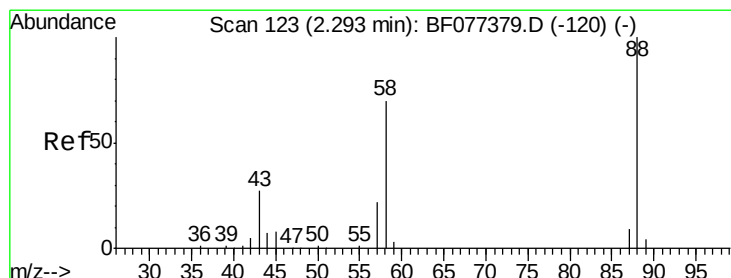
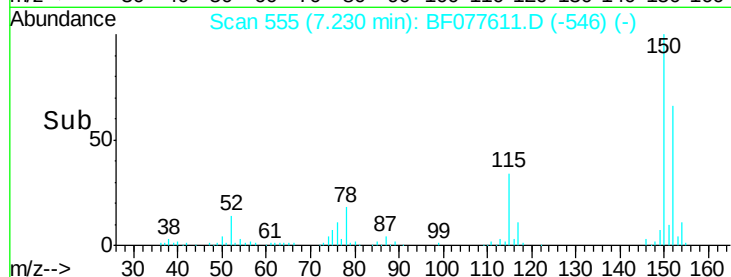
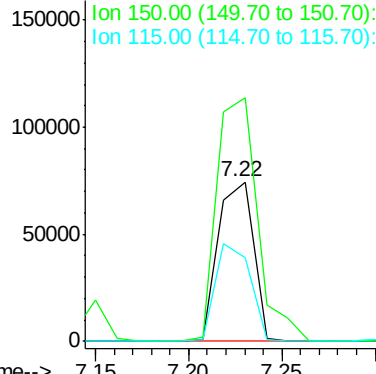
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.0	186.0
115	52.4	49.4	74.2

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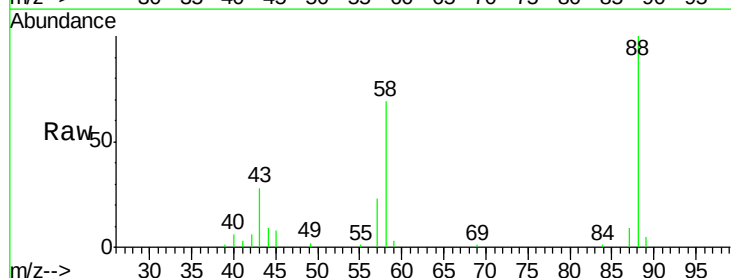
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



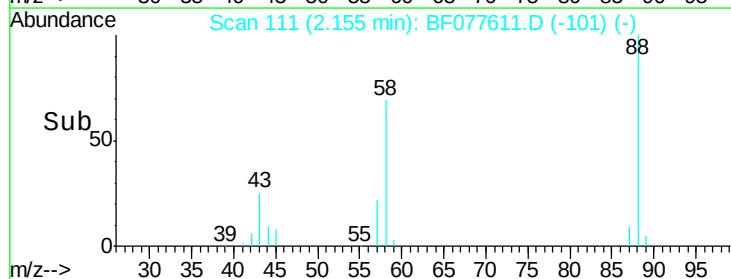
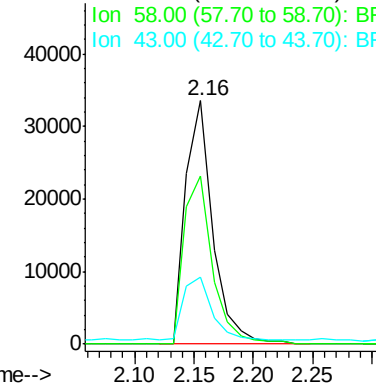
#2

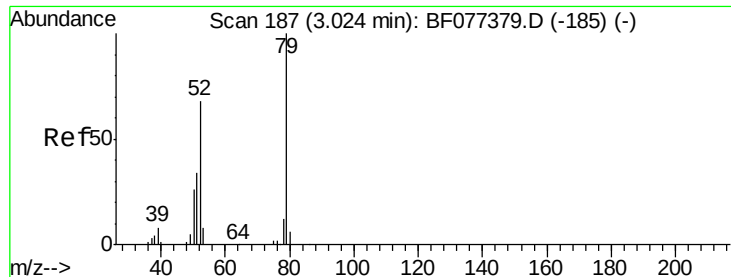
1,4-Dioxane
Concen: 21.31 ng
RT: 2.16 min Scan# 111
Delta R.T. 0.02 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	62.1	93.1
43	28.8	24.0	36.0



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





#3

Pyridine

Concen: 17.25 ng

RT: 2.90 min Scan# 177

Delta R.T. 0.04 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

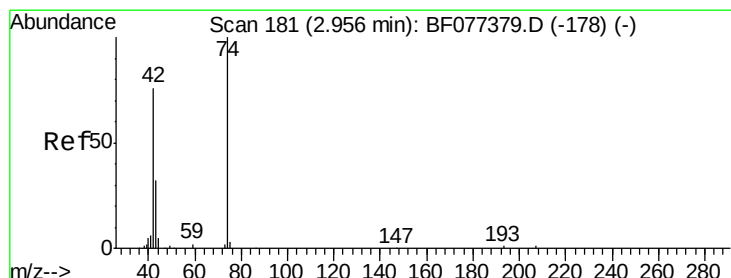
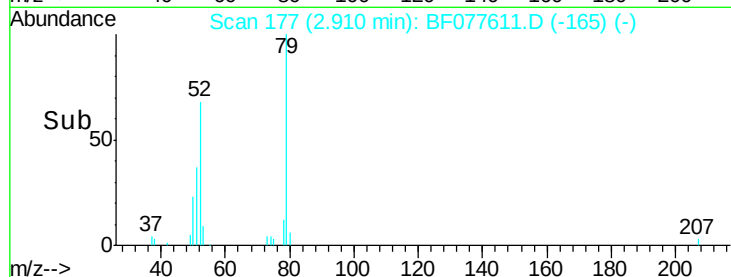
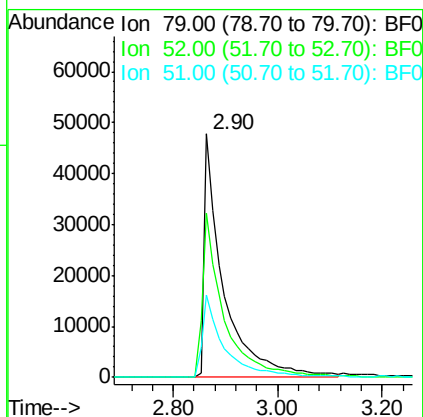
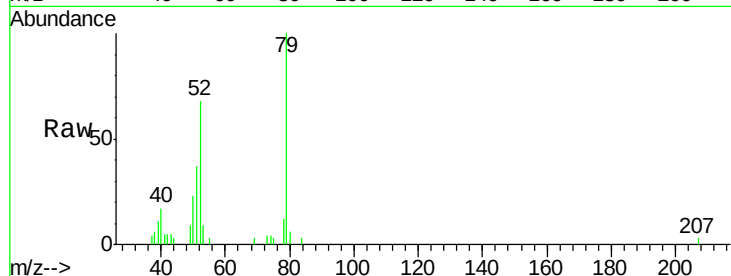
ClientSampleId :

VMA-2MS

Tgt Ion:	79	Resp:	123296
Ion	Ratio	Lower	Upper
79	100		
52	67.7	57.7	86.5
51	36.9	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 21.94 ng

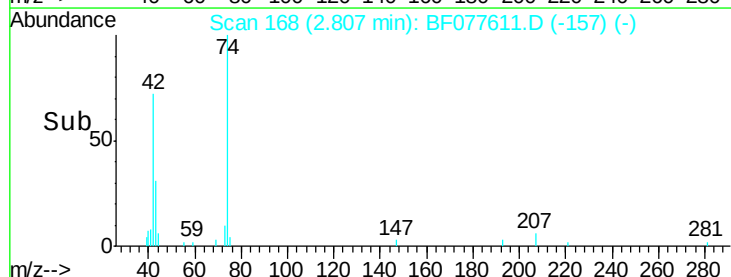
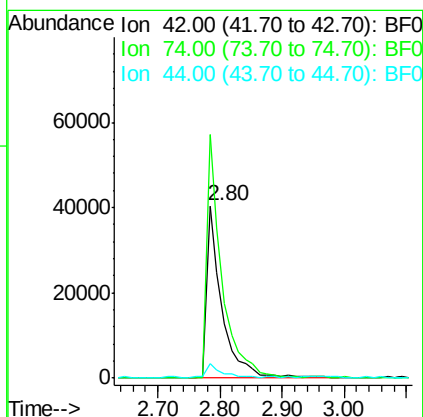
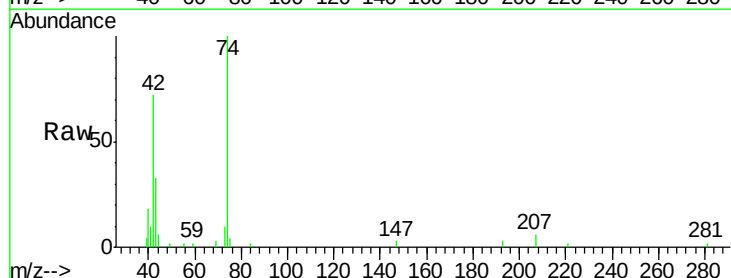
RT: 2.80 min Scan# 168

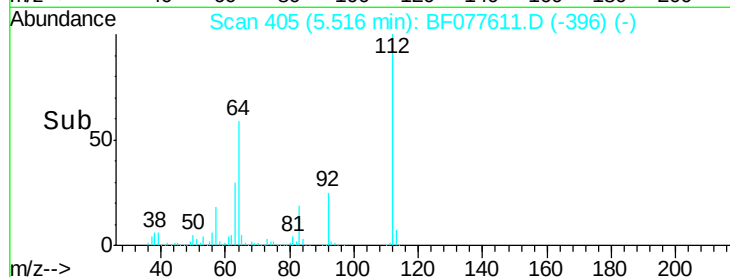
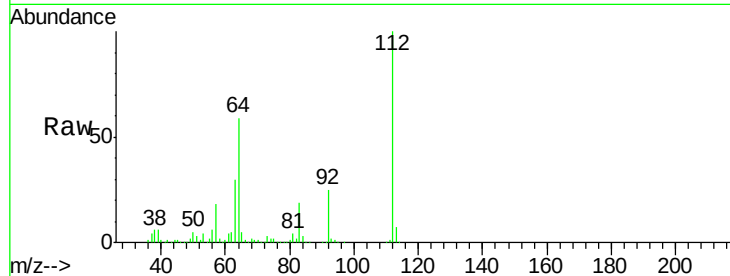
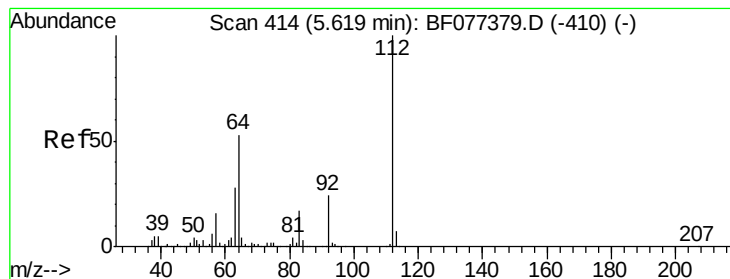
Delta R.T. 0.02 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	42	Resp:	68185
Ion	Ratio	Lower	Upper
42	100		
74	138.7	107.1	160.7
44	8.9	6.7	10.1





#5

2-Fluorophenol

Concen: 77.88 ng

RT: 5.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF077611.D

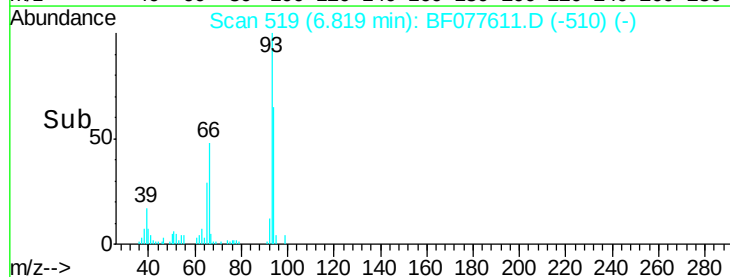
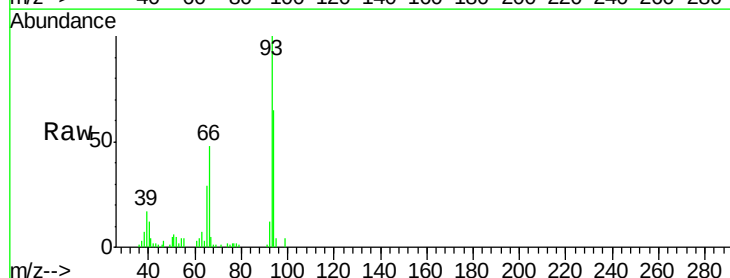
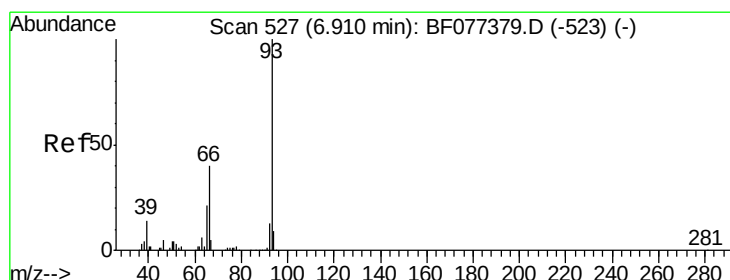
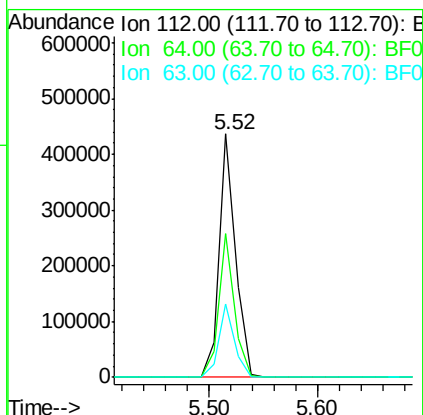
Acq: 5 Mar 2015 7:50

Tgt Ion:	112	Resp:	458504
Ion Ratio	Lower	Upper	
112	100		
64	58.8	48.5	72.7
63	30.4	25.0	37.4

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

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#6

Aniline

Concen: 7.96 ng

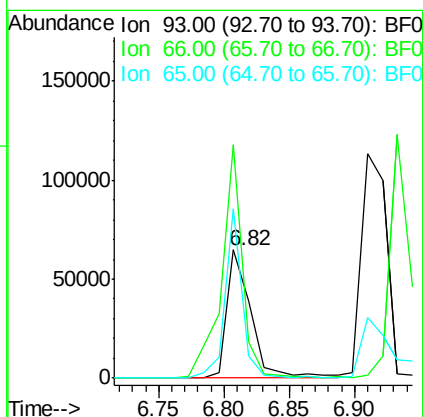
RT: 6.82 min Scan# 519

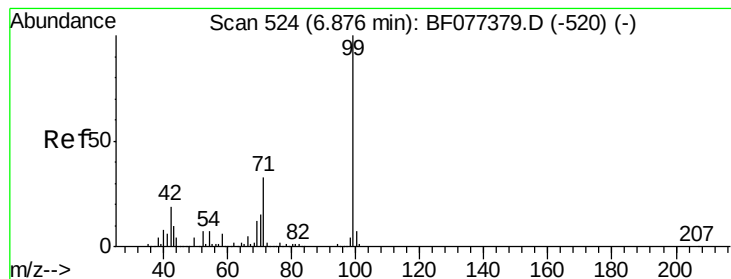
Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	93	Resp:	83271
Ion Ratio	Lower	Upper	
93	100		
66	47.7	29.1	43.7#
65	29.0	14.6	22.0#





#7

Phenol-d6

Concen: 81.80 ng

RT: 6.79 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

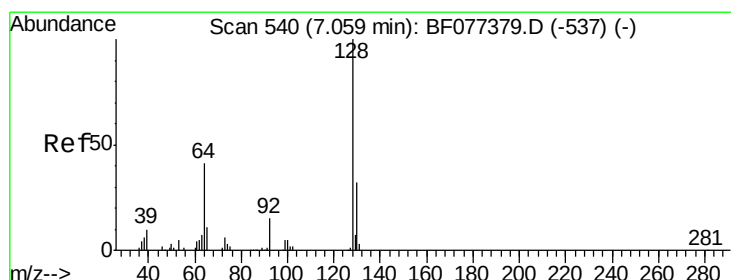
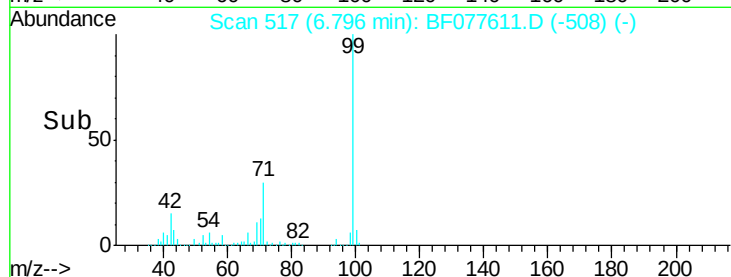
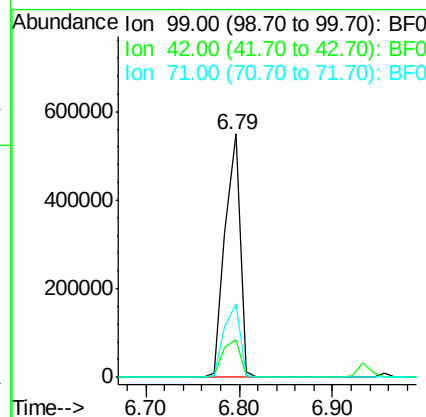
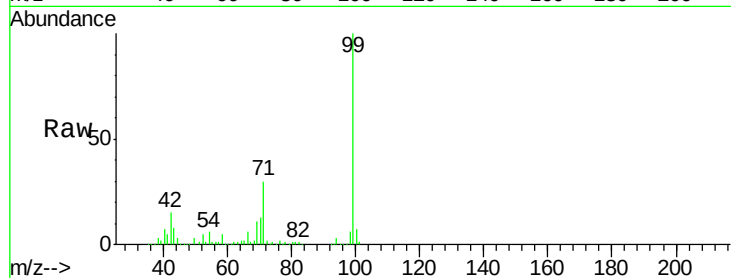
ClientSampleId :

VMA-2MS

Tgt Ion:	99	Resp:	619160
Ion Ratio	Lower	Upper	
99	100		
42	15.2	16.2	24.4#
71	30.1	26.7	40.1

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#8

2-Chlorophenol

Concen: 24.05 ng

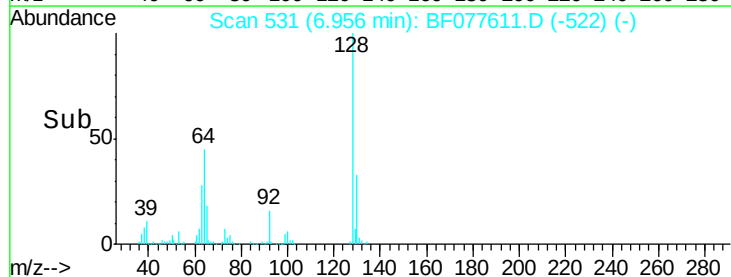
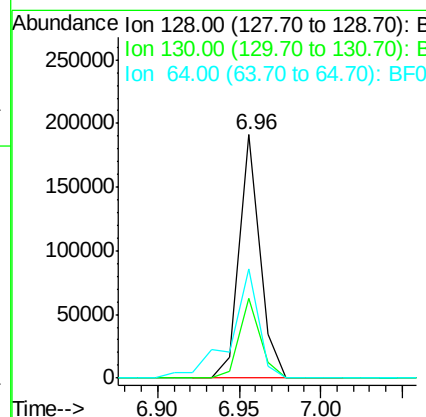
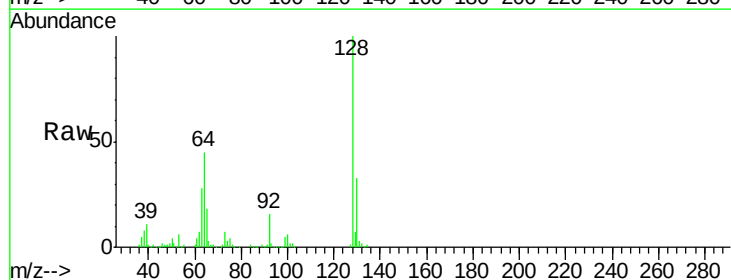
RT: 6.96 min Scan# 531

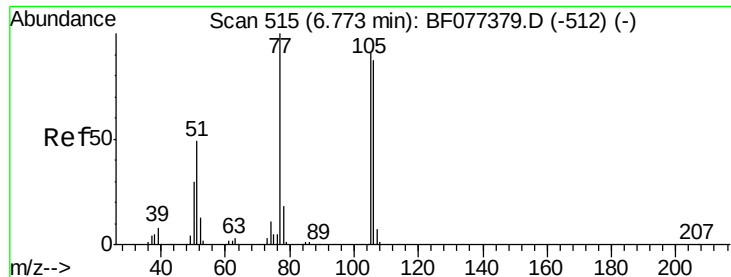
Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	128	Resp:	167026
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	44.8	29.2	69.2





#9

Benzaldehyde

Concen: 6.70 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

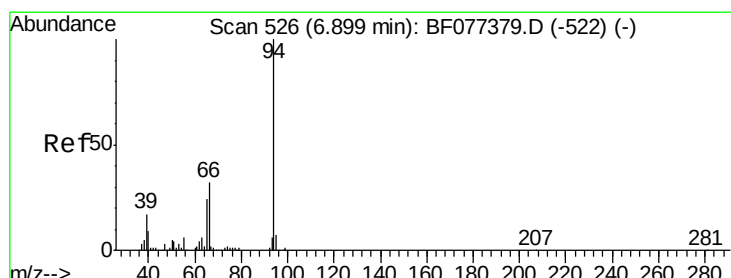
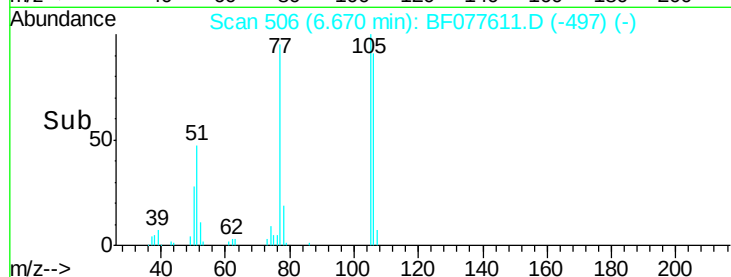
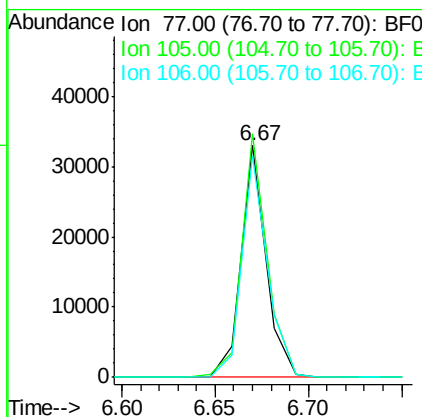
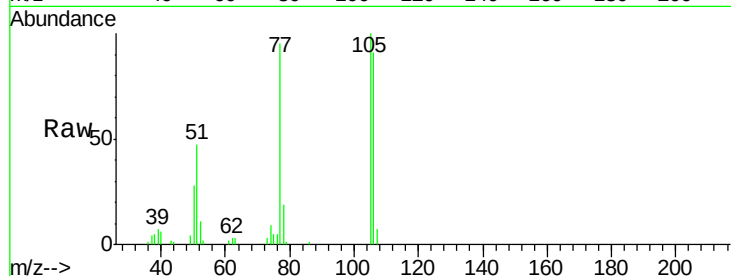
ClientSampleId :

VMA-2MS

Tgt Ion:	77	Resp:	30787
Ion Ratio	Lower	Upper	
77	100		
105	105.1	85.9	125.9
106	96.0	82.9	122.9

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#10

Phenol

Concen: 24.53 ng

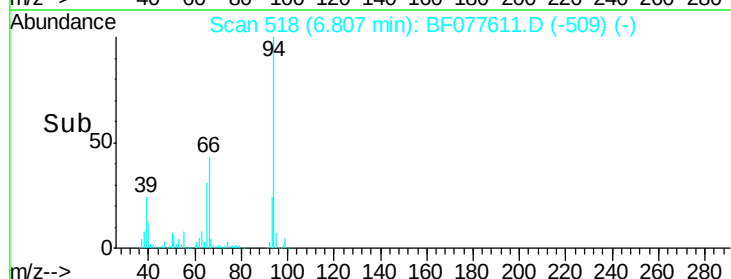
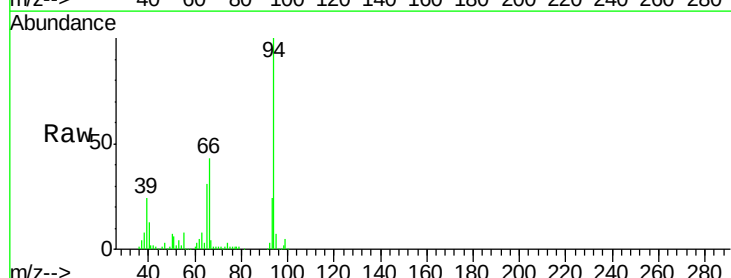
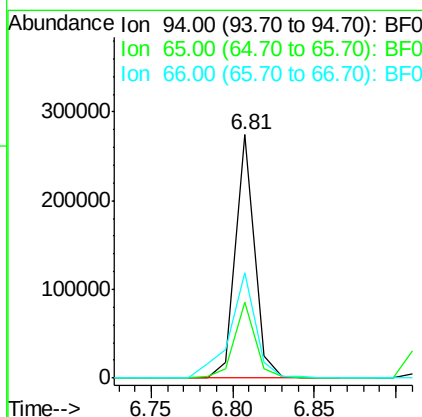
RT: 6.81 min Scan# 518

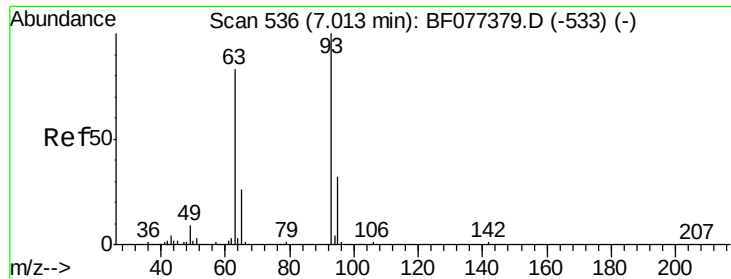
Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	94	Resp:	220281
Ion Ratio	Lower	Upper	
94	100		
65	31.2	5.7	45.7
66	43.0	13.6	53.6





#11

bis(2-Chloroethyl)ether

Concen: 22.71 ng

RT: 6.92 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

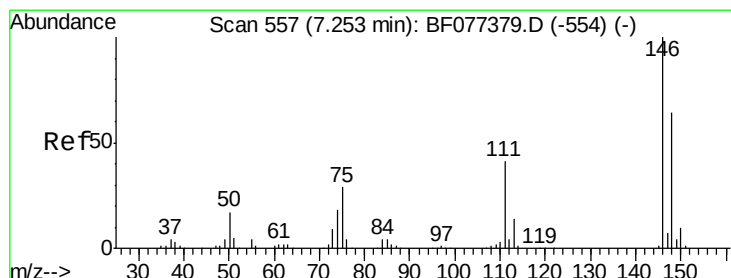
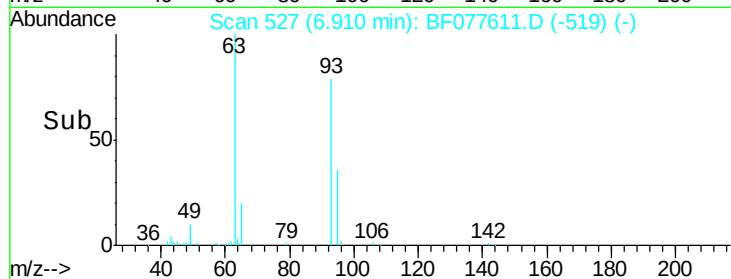
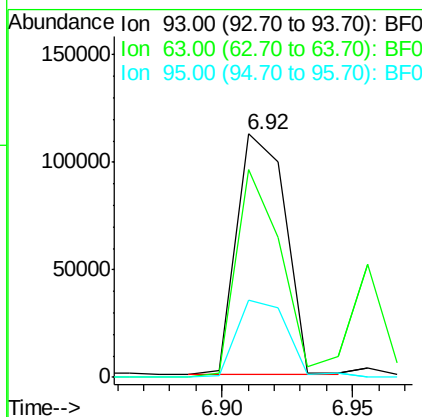
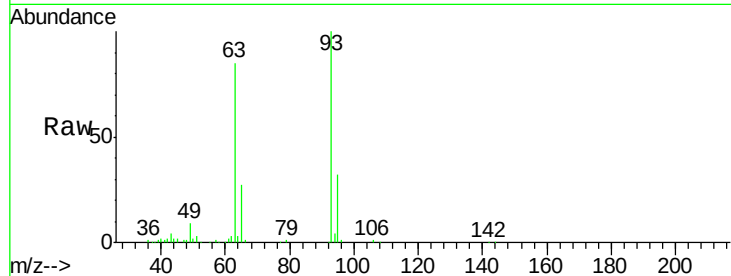
ClientSampleId :

VMA-2MS

Tgt Ion:	93	Resp:	146532
Ion Ratio	Lower	Upper	
93	100		
63	85.4	48.7	88.7
95	31.6	13.6	53.6

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 23.61 ng

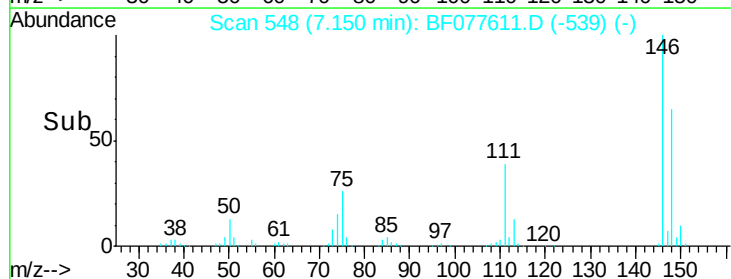
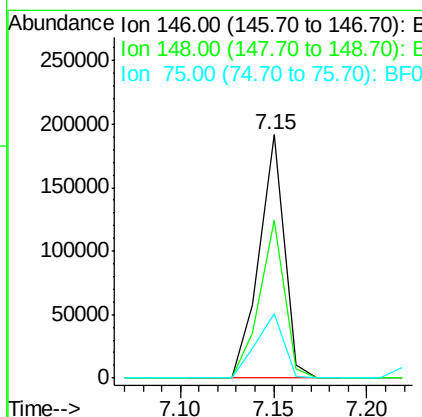
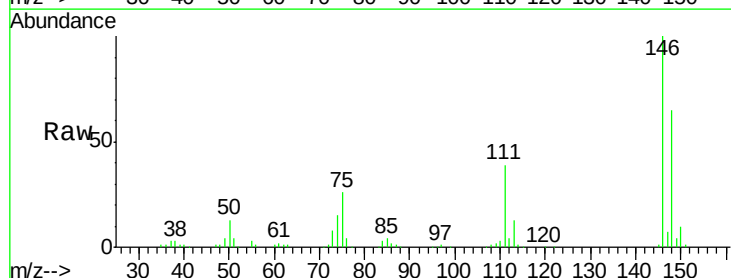
RT: 7.15 min Scan# 548

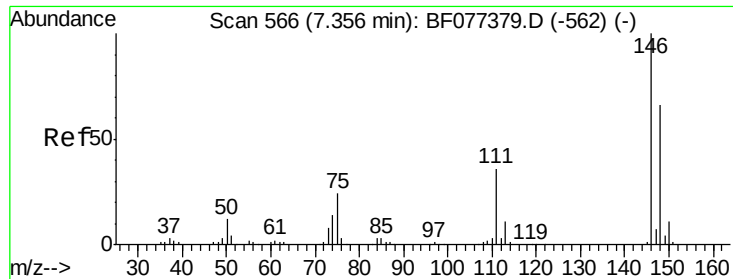
Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	146	Resp:	178557
Ion Ratio	Lower	Upper	
146	100		
148	64.9	49.8	74.8
75	26.3	28.2	42.4#





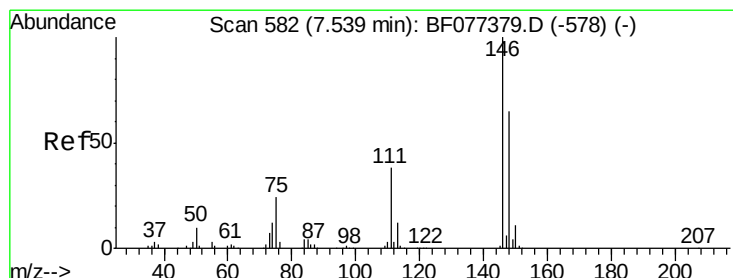
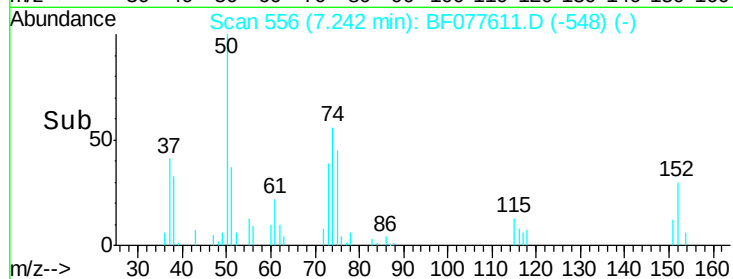
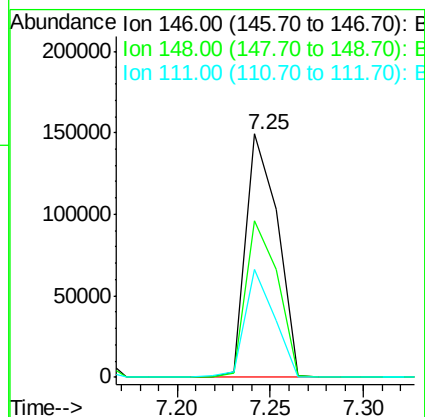
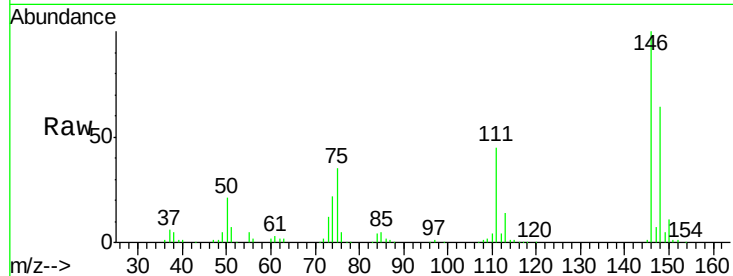
#13
 1,4-Dichlorobenzene
 Concen: 22.92 ng
 RT: 7.25 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	44.5	31.9	47.9

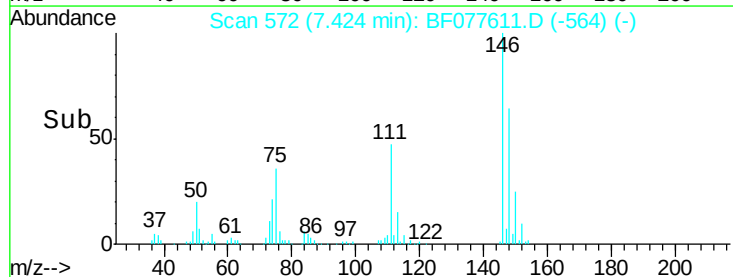
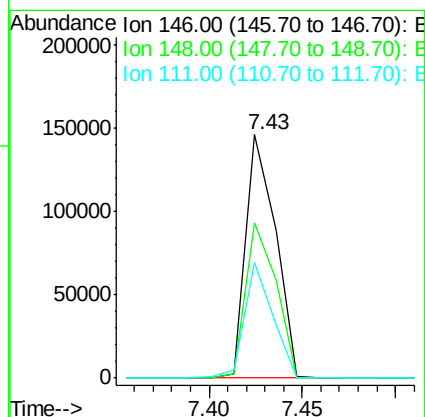
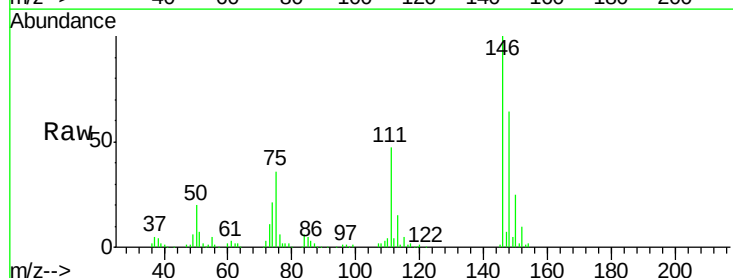
Manual Integrations
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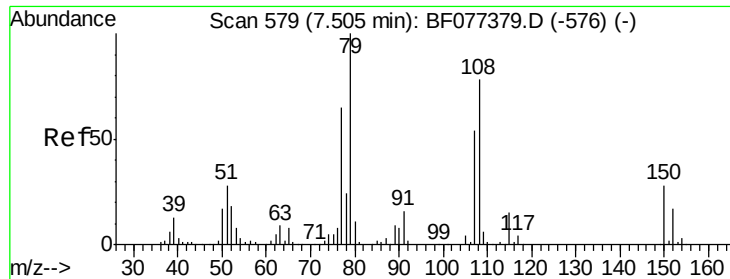
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 22.33 ng
 RT: 7.43 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	47.5	34.2	51.2





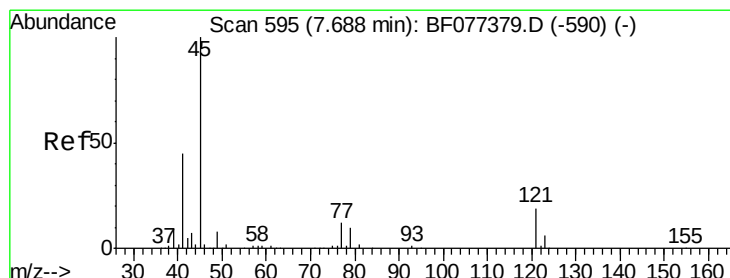
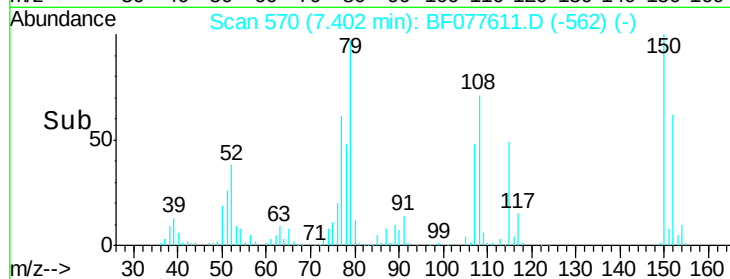
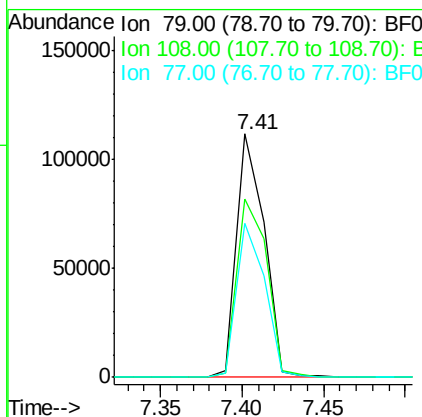
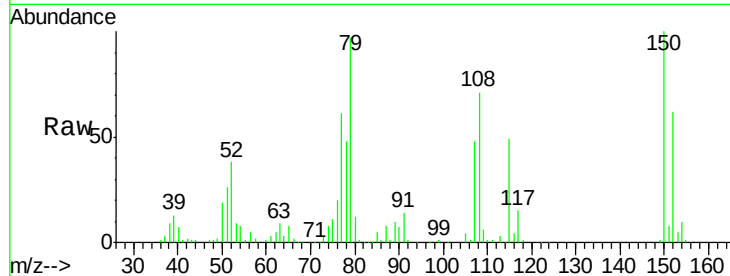
#15
Benzyl Alcohol
Concen: 22.70 ng
RT: 7.41 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	130608		
108	73.3	58.3	87.5	
77	63.5	51.3	76.9	

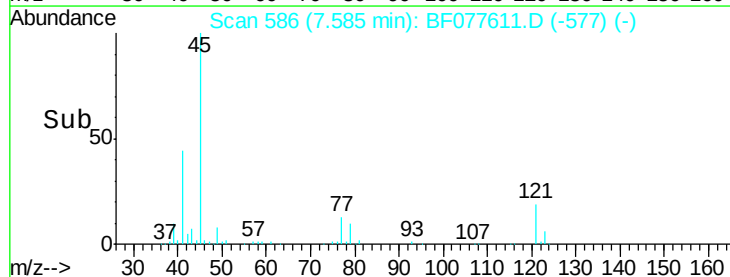
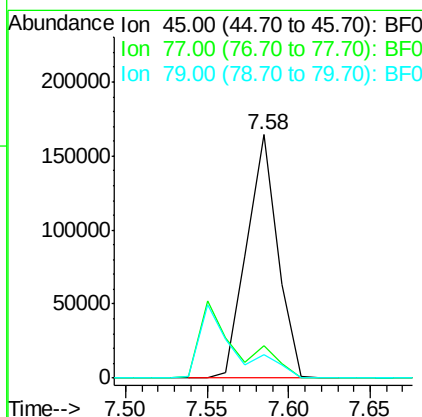
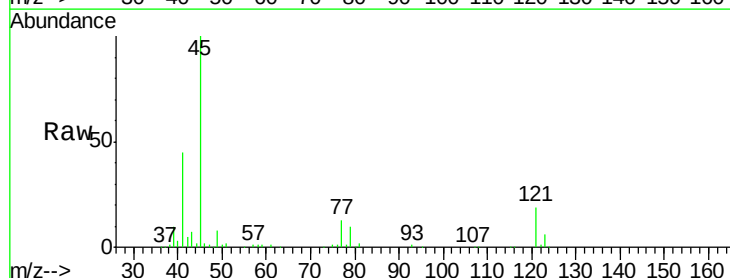
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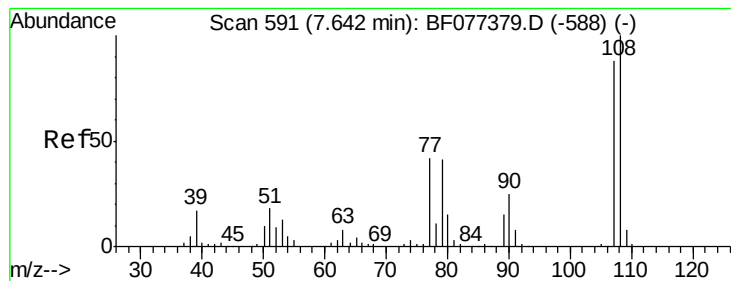
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.42 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

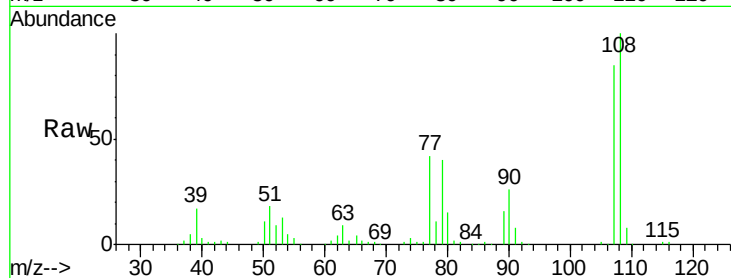
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	216076		
77	13.3	0.0	34.6	
79	9.7	0.0	31.5	





#17
2-Methylphenol
Concen: 22.82 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

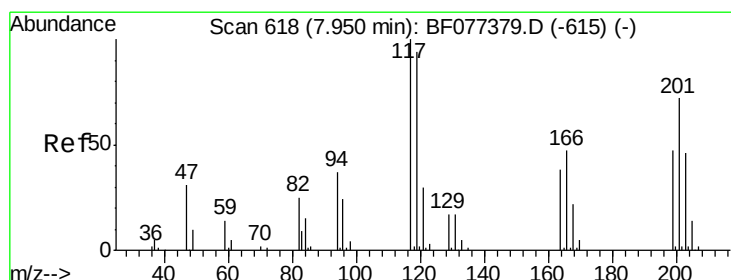
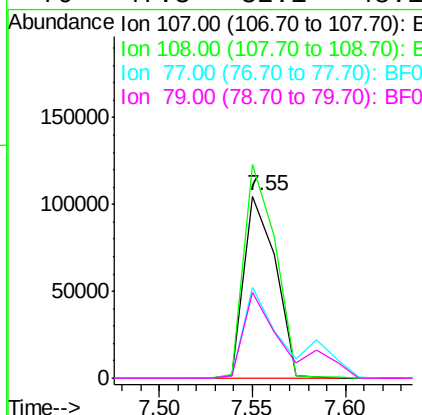
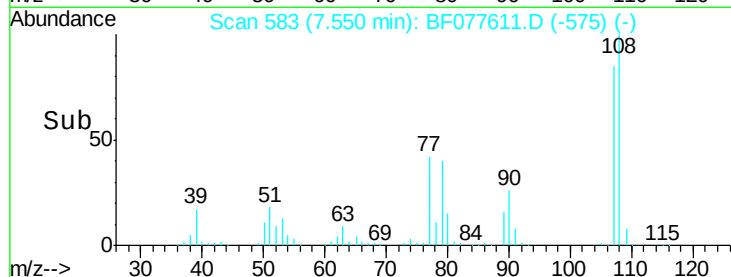
Instrument :
BNA_F
ClientSampleId :
VMA-2MS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	123857		
108	117.4	91.2	136.8	
77	49.7	33.6	50.4	
79	47.3	32.1	48.1	

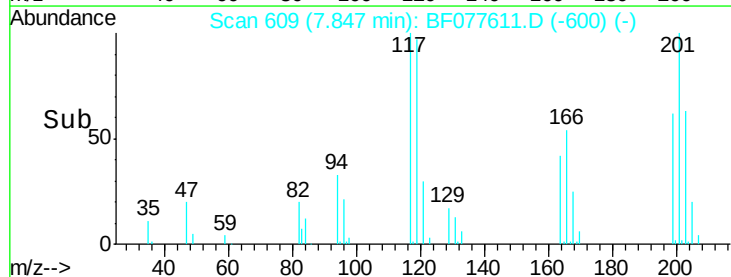
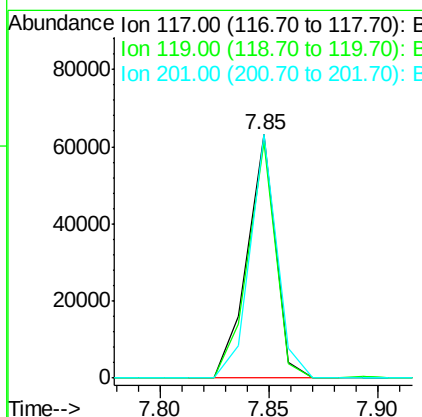
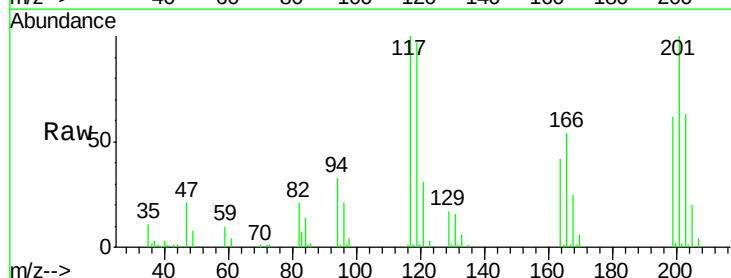
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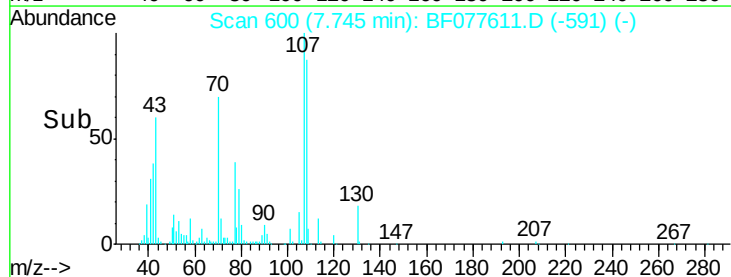
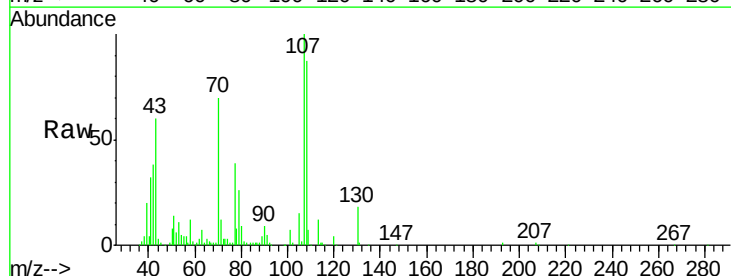
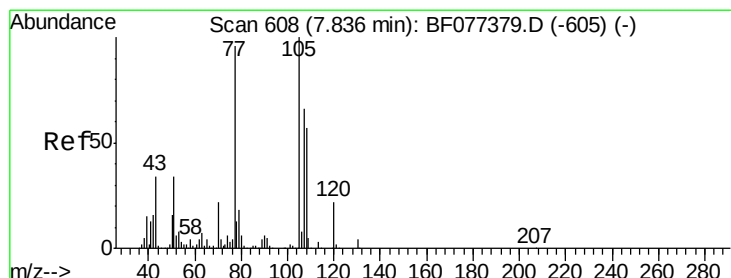
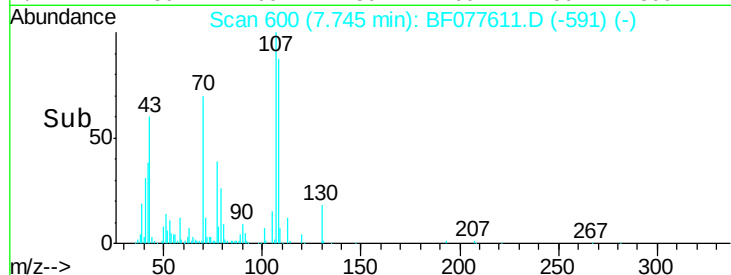
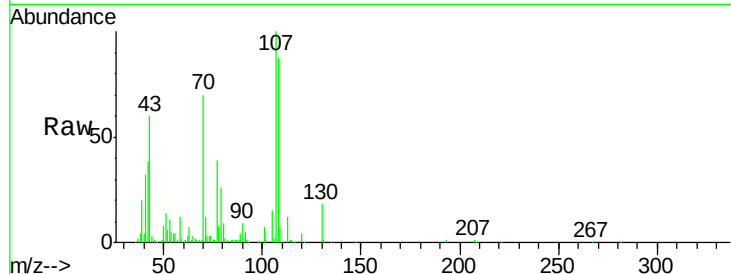
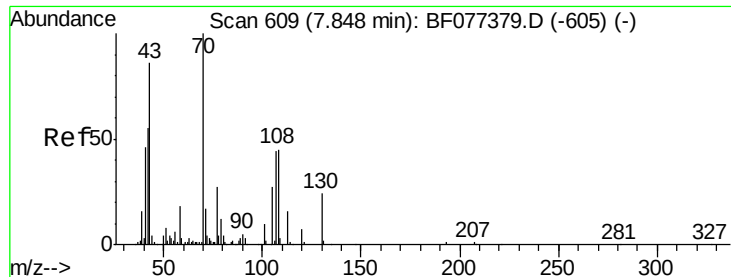
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#18
Hexachloroethane
Concen: 22.24 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57134		
119	97.3	77.8	116.8	
201	100.2	90.6	136.0	





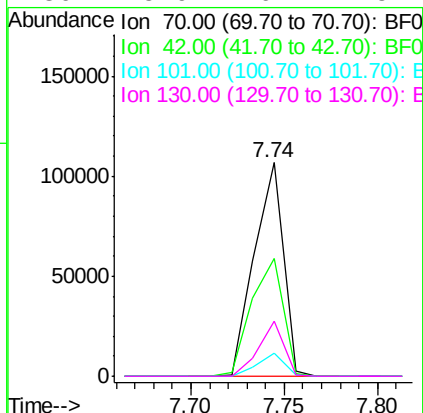
#19
n-Nitroso-di-n-propylamine
Concen: 23.97 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.0	48.3	72.5
101	10.6	7.5	11.3
130	25.9	16.7	25.1#

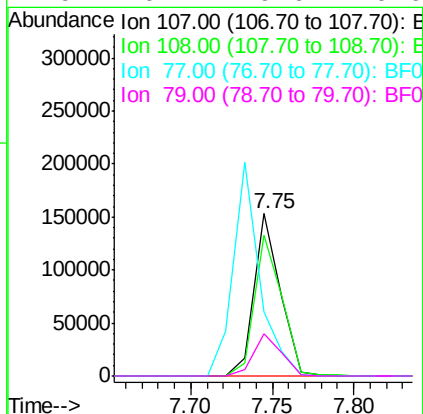
Manual Integrations
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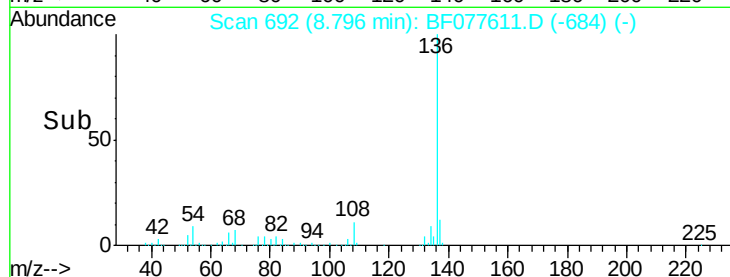
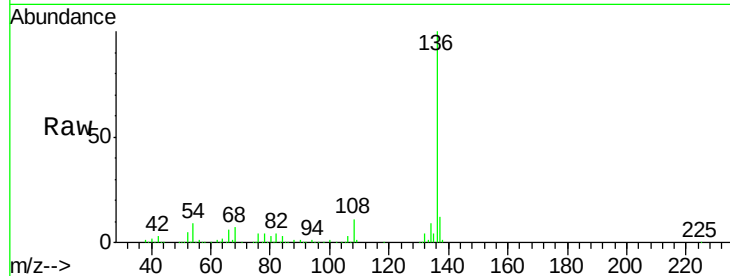
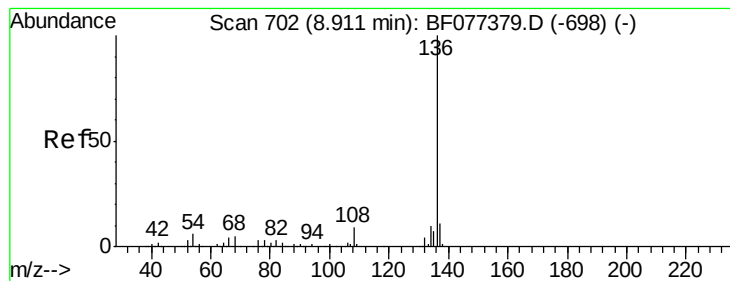
mohammad
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#20
3+4-Methylphenols
Concen: 23.93 ng
RT: 7.75 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	76.8	116.8
77	39.5	65.8	105.8#
79	26.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	389006		
137	11.6	8.6	13.0	
54	9.4	6.2	9.4	
68	7.4	5.0	7.6	

Instrument :

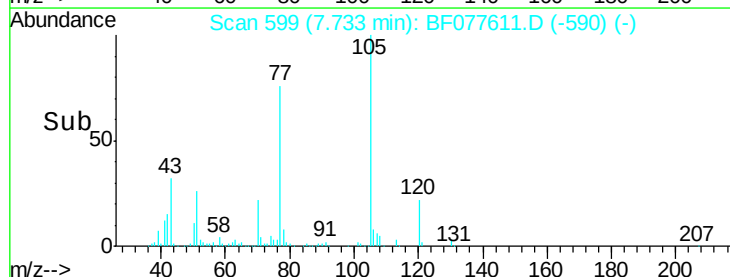
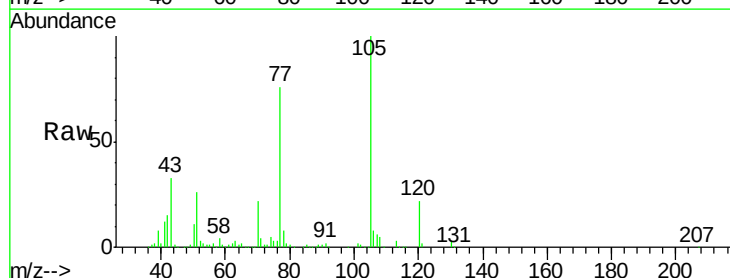
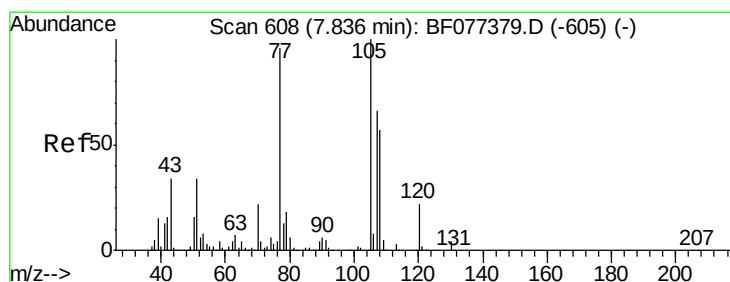
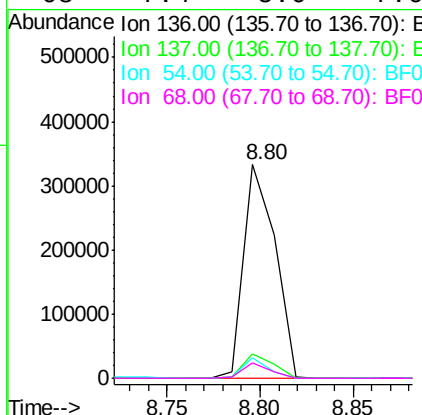
BNA_F

ClientSampled :

VMA-2MS

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#22

Acetophenone

Concen: 25.19 ng

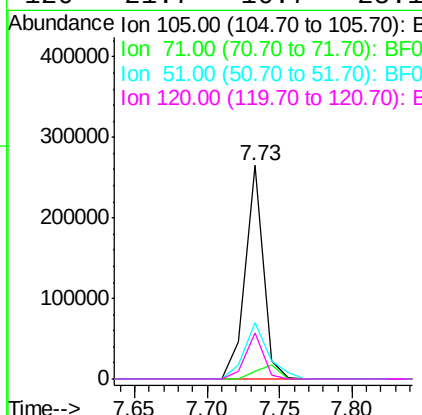
RT: 7.73 min Scan# 599

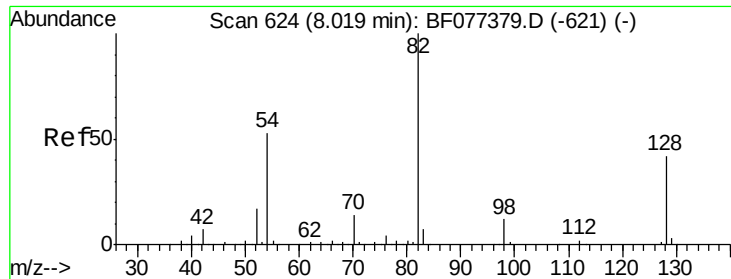
Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230508		
71	3.7	1.7	2.5	
51	26.1	30.7	46.1	
120	21.7	16.7	25.1	





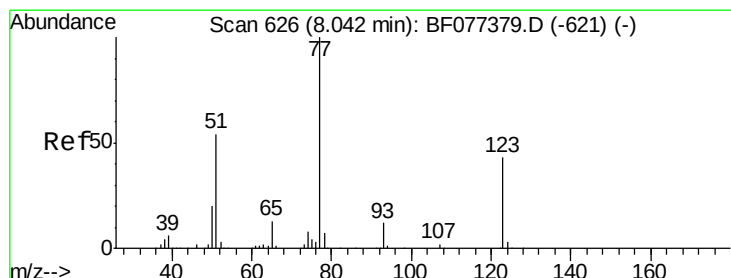
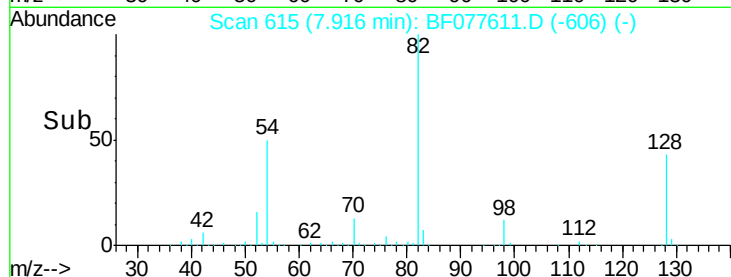
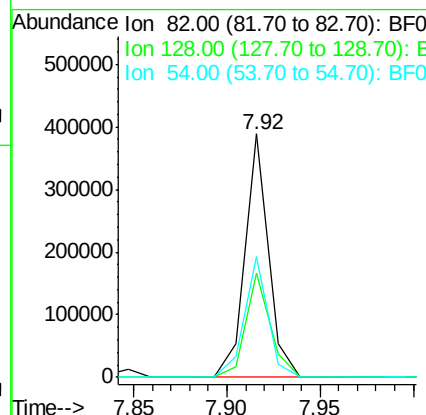
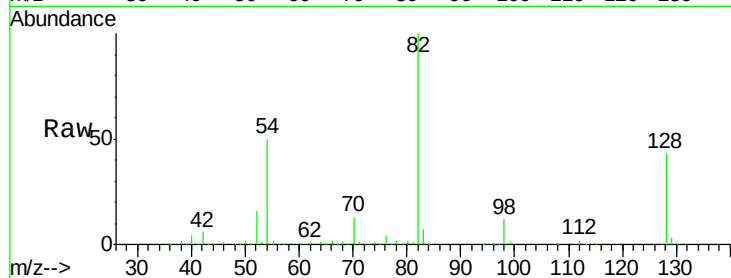
#23
Nitrobenzene-d5
Concen: 54.65 ng
RT: 7.92 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	43.8	65.8#
54	49.6	36.7	55.1

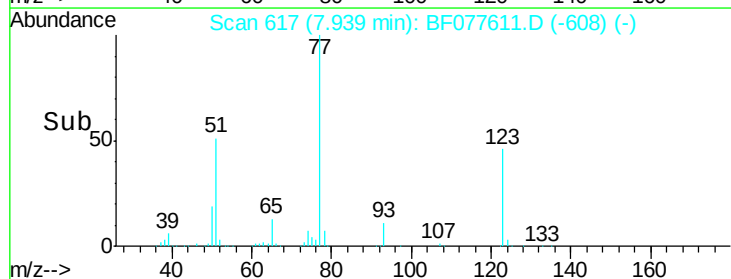
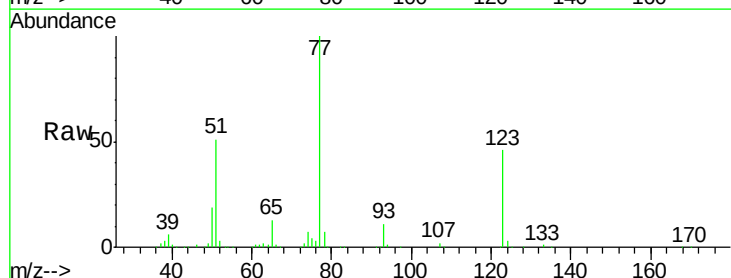
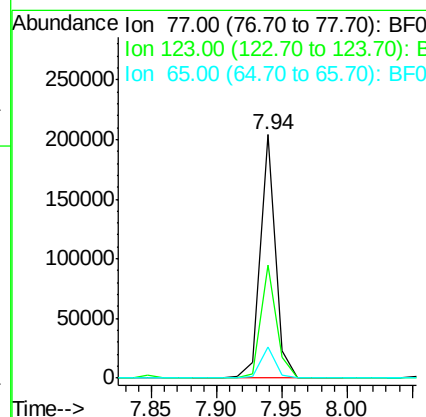
Manual Integrations
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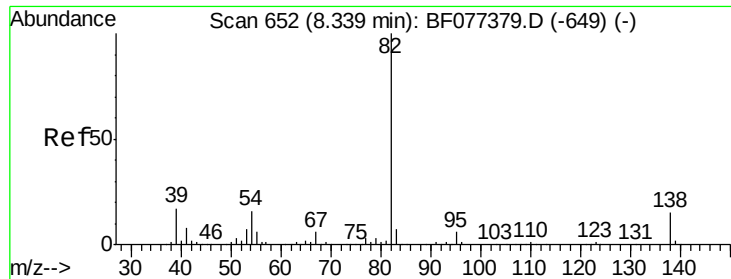
mohammad
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#24
Nitrobenzene
Concen: 25.37 ng
RT: 7.94 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	45.9	68.9
65	13.0	9.5	14.3





#25

Isophorone

Concen: 23.97 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

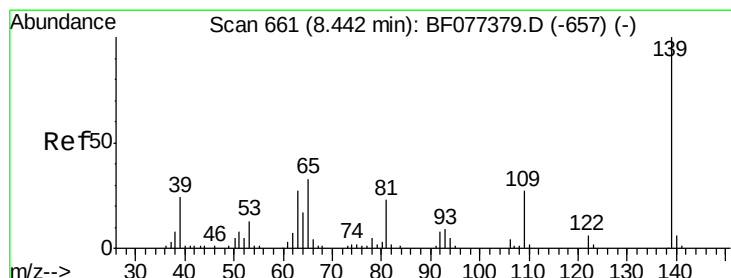
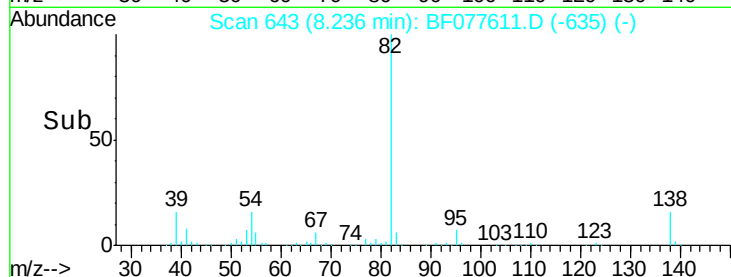
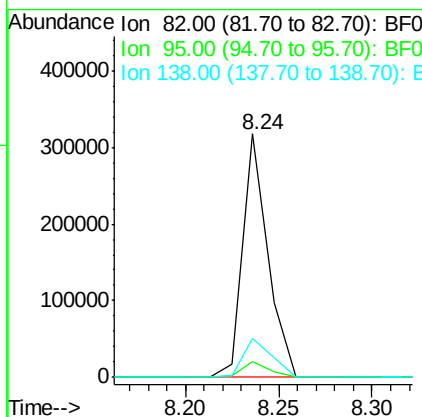
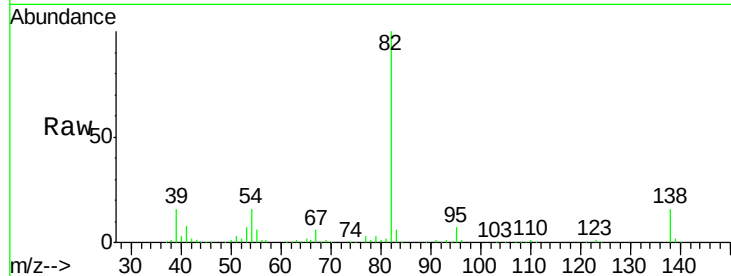
ClientSampleId :

VMA-2MS

Tgt Ion:	82	Resp:	297471
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.4	8.2
138	15.9	16.3	24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 25.26 ng

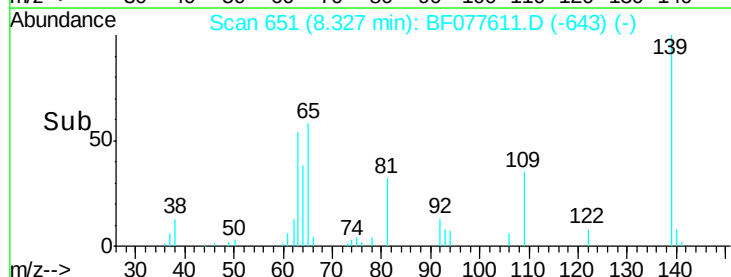
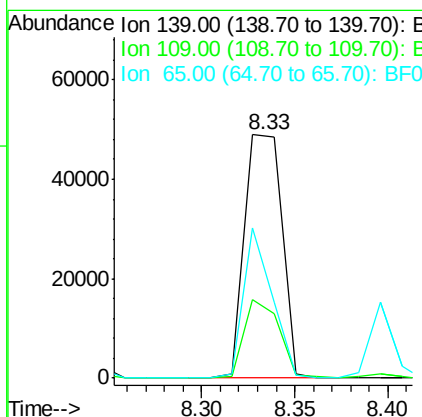
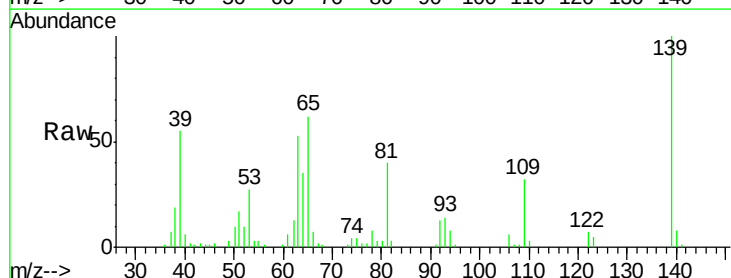
RT: 8.33 min Scan# 651

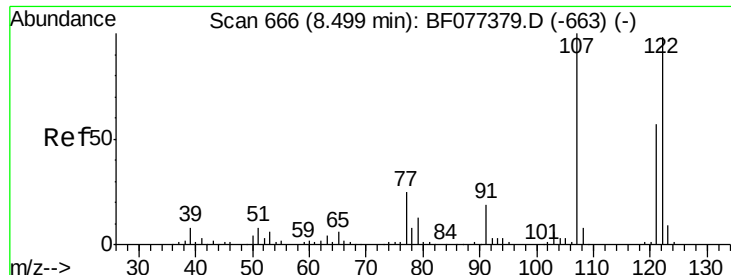
Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	139	Resp:	68132
Ion Ratio		Lower	Upper
139	100		
109	32.4	22.6	34.0
65	61.9	36.4	54.6#





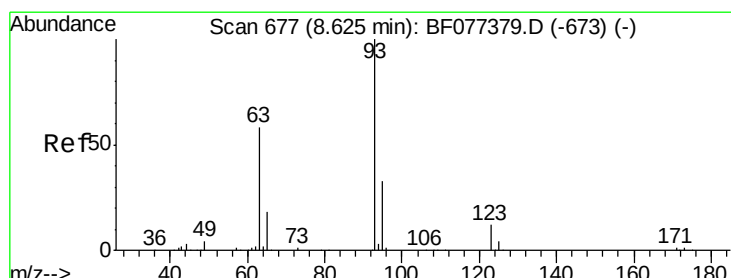
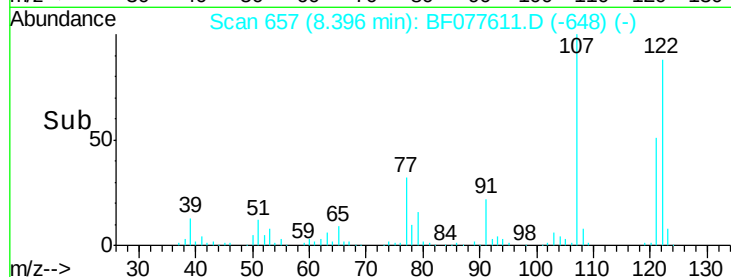
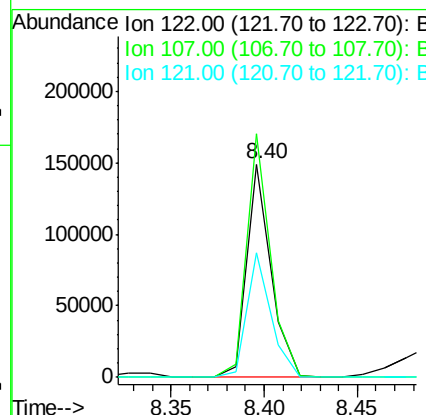
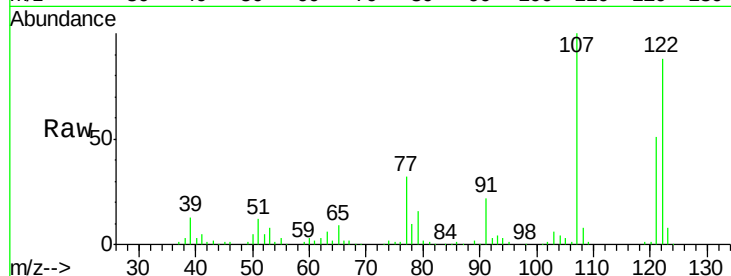
#27
2,4-Dimethylphenol
Concen: 22.41 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	135235		
107	114.3	86.6	130.0	
121	58.5	47.4	71.0	

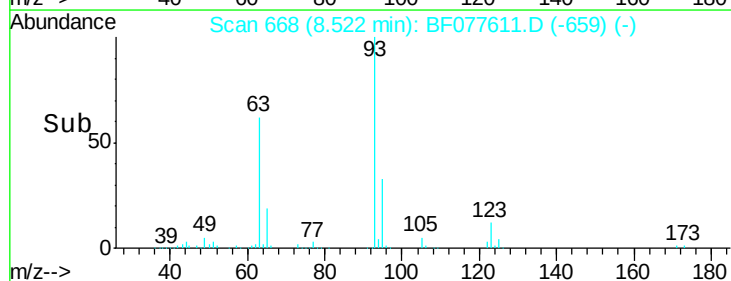
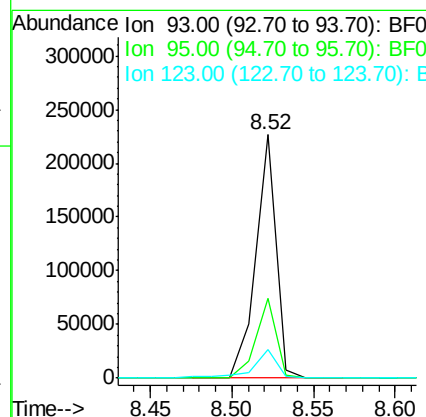
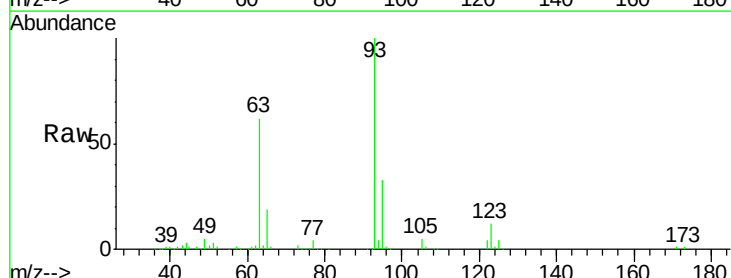
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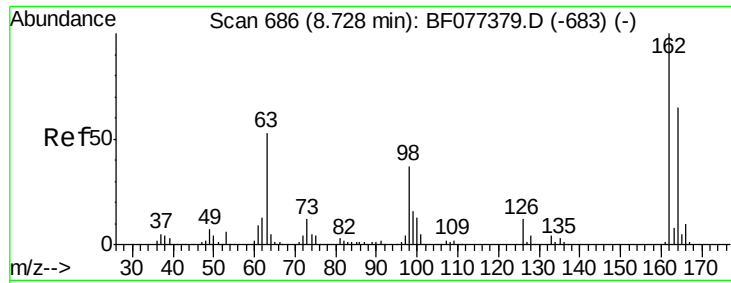
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#28
bis(2-Chloroethoxy)methane
Concen: 25.04 ng
RT: 8.52 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	196299		
95	32.8	26.4	39.6	
123	11.7	8.7	13.1	





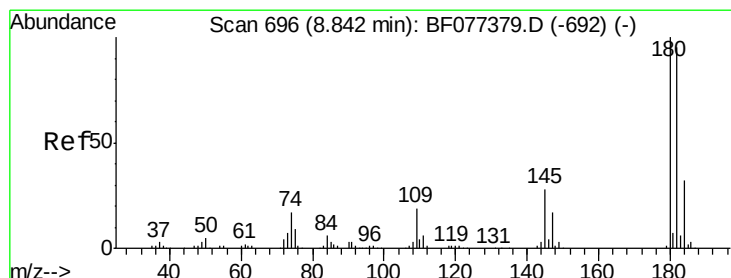
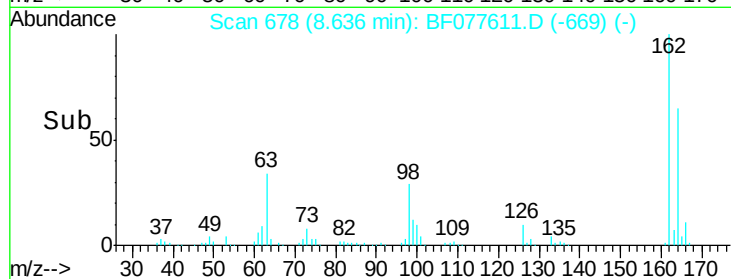
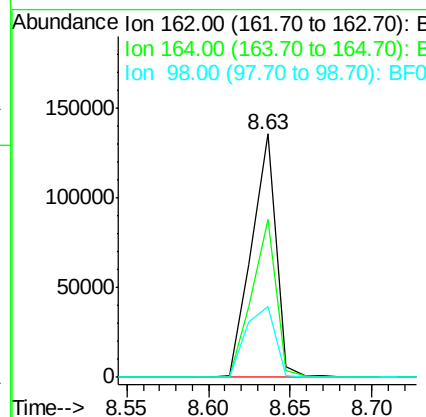
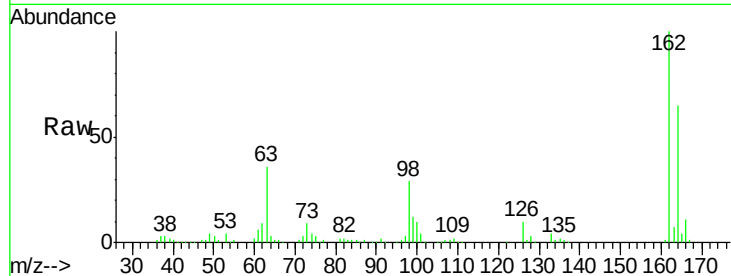
#29
2,4-Dichlorophenol
Concen: 25.09 ng
RT: 8.63 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion:	162	Resp:	142146
Ion Ratio	Lower	Upper	
162	100		
164	64.7	46.4	86.4
98	29.2	6.9	46.9

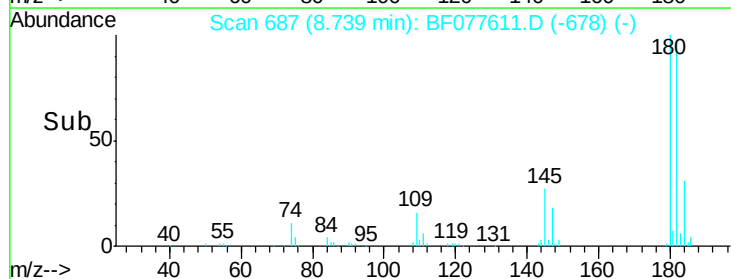
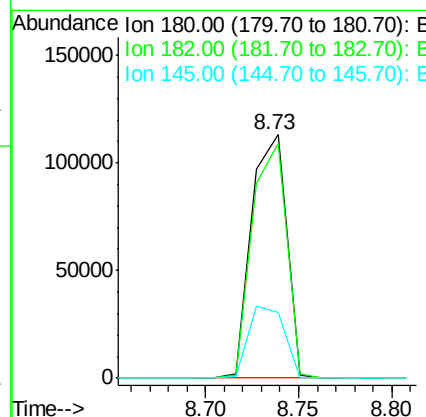
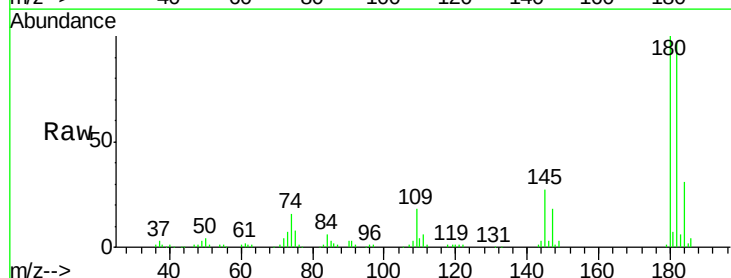
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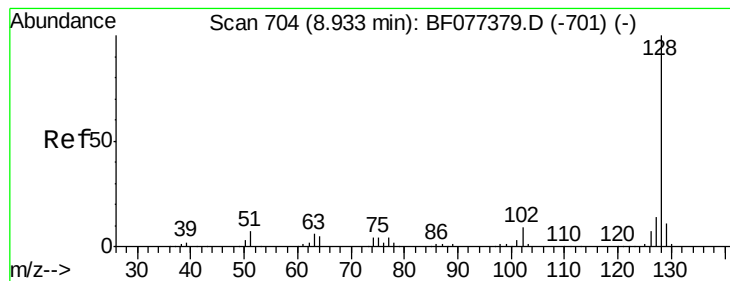
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#30
1,2,4-Trichlorobenzene
Concen: 23.48 ng
RT: 8.73 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion:	180	Resp:	146231
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.2	114.4
145	27.2	24.5	36.7





#31

Naphthalene

Concen: 24.58 ng

RT: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

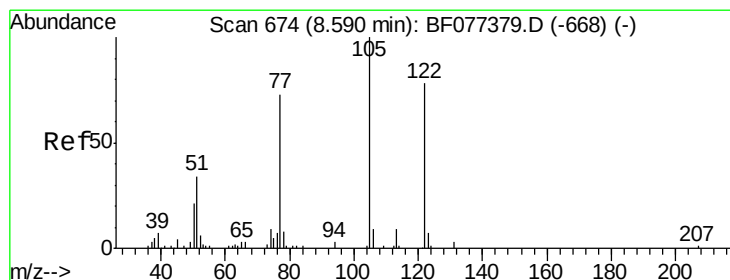
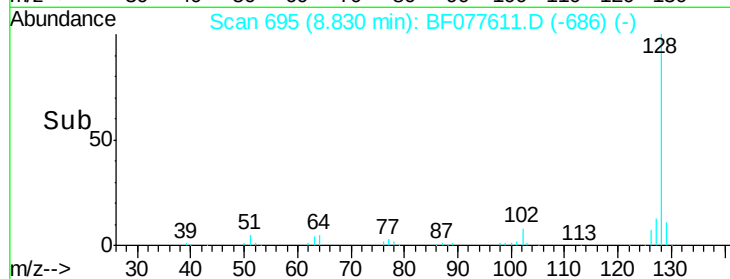
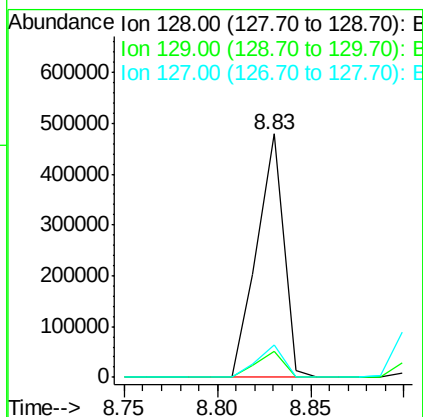
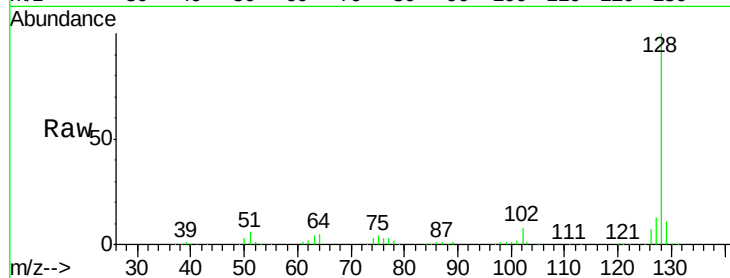
ClientSampleId :

VMA-2MS

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Tgt Ion:	128	Resp:	478245
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.4	14.0
127	13.1	10.6	15.8



#32

Benzoic acid

Concen: 23.83 ng

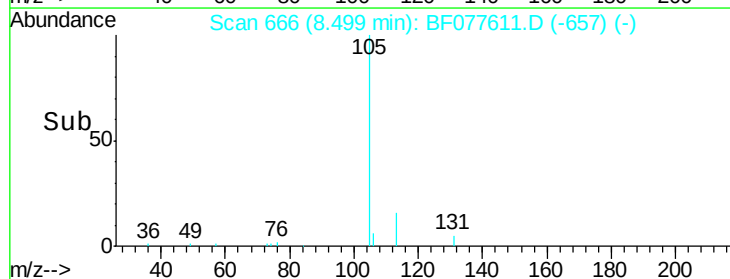
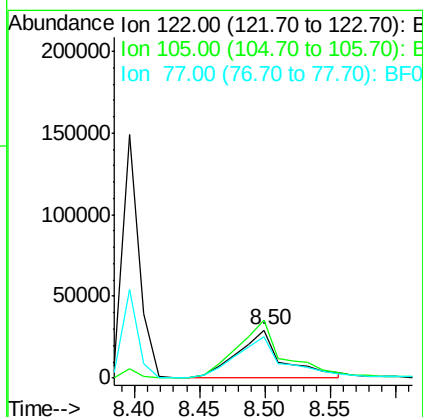
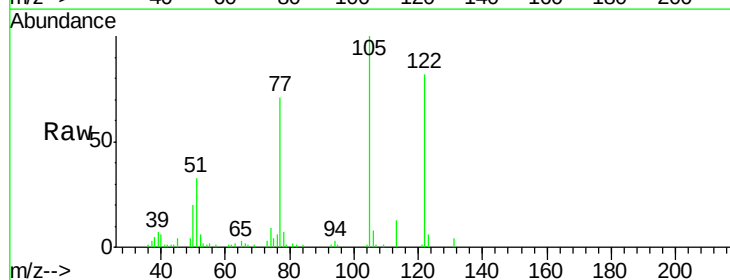
RT: 8.50 min Scan# 666

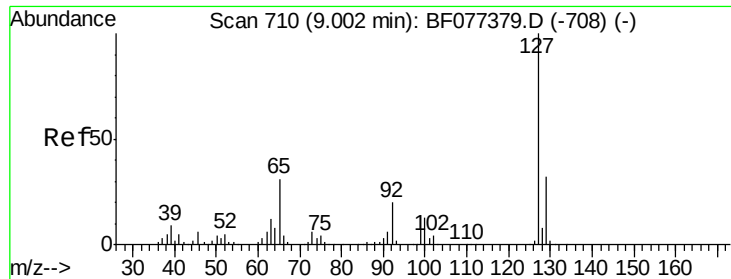
Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	122	Resp:	69886
Ion Ratio	Lower	Upper	
122	100		
105	121.9	100.3	140.3
77	86.4	68.7	108.7





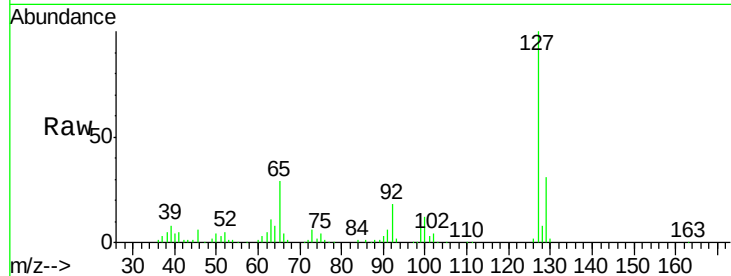
#33
4-Chloroaniline
Concen: 10.50 ng
RT: 8.90 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

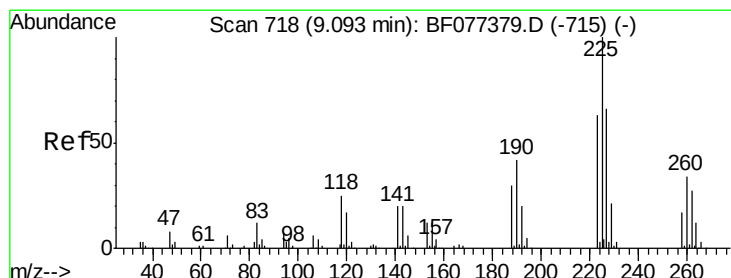
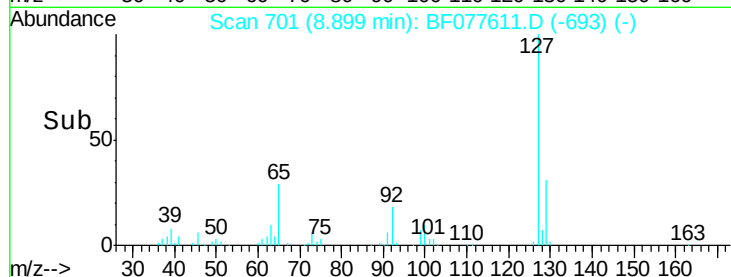
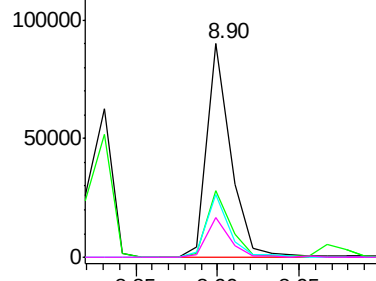
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.9	40.3	
65	29.4	16.7	25.1	
92	18.4	12.5	18.7	

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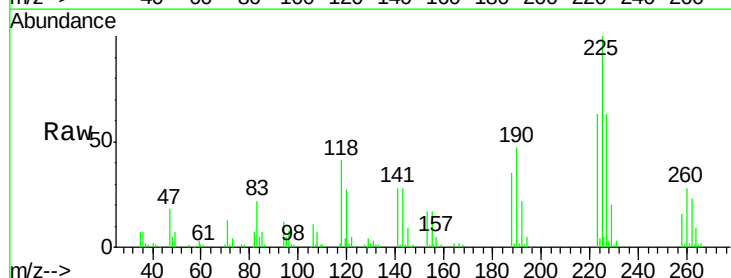


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

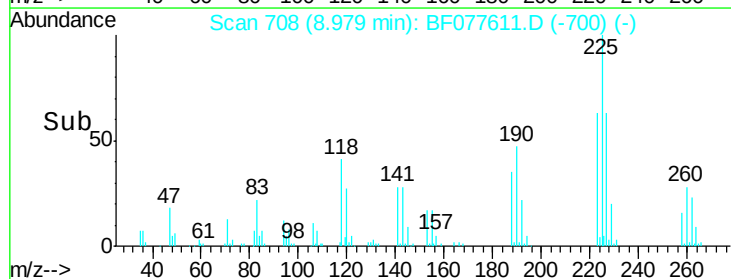
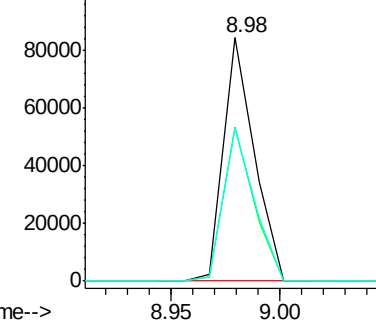


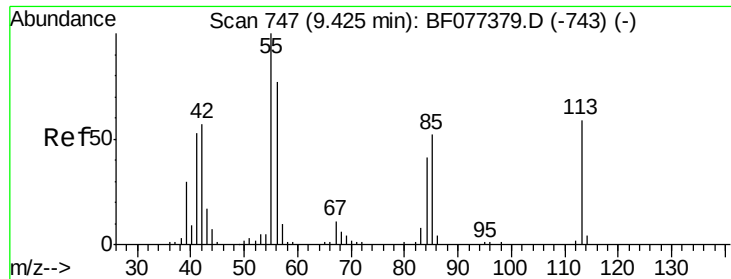
#34
Hexachlorobutadiene
Concen: 23.32 ng
RT: 8.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	49.5	74.3	
227	62.7	50.5	75.7	



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





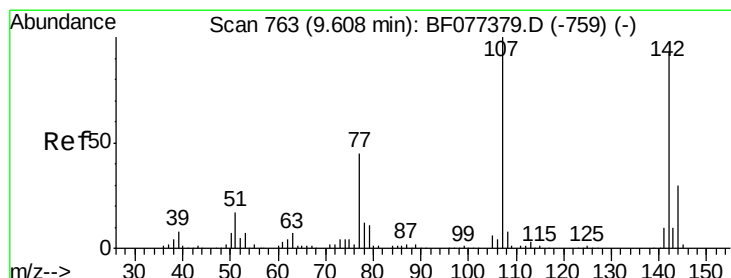
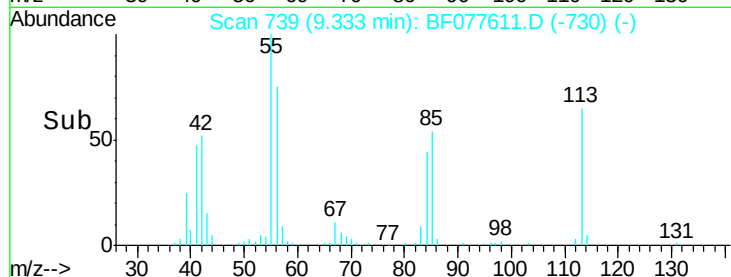
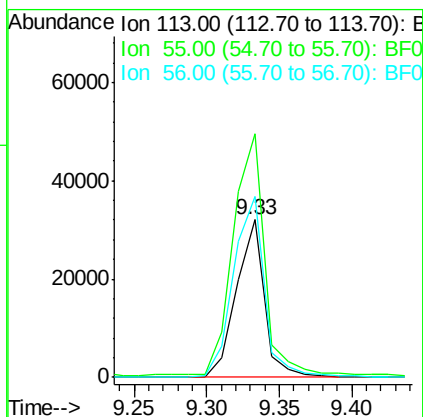
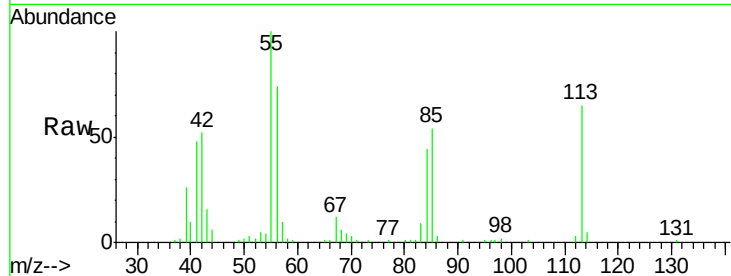
#35
 Caprolactam
 Concen: 24.76 ng
 RT: 9.33 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	42829		
55	154.7		154.6	194.6
56	114.7		114.0	154.0

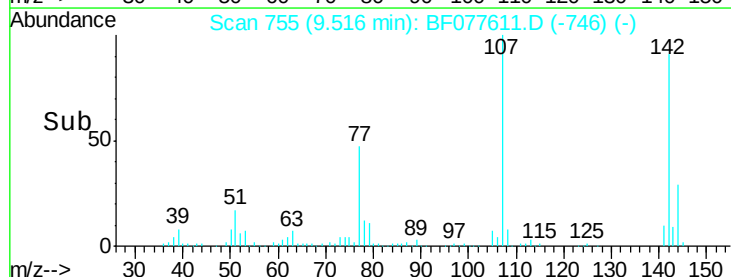
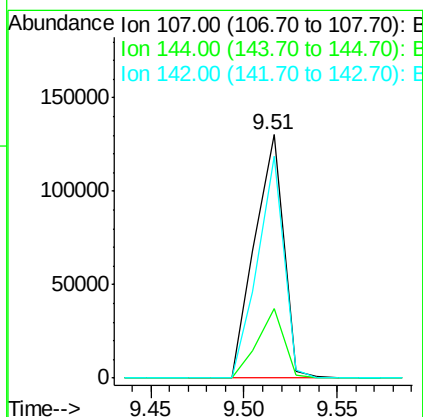
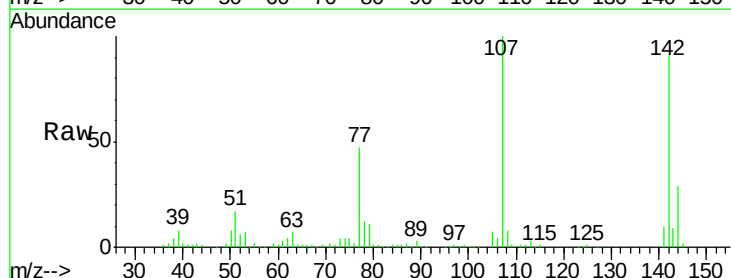
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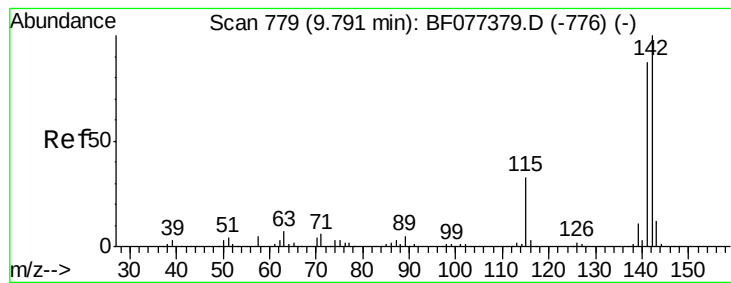
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#36
 4-Chloro-3-methylphenol
 Concen: 24.56 ng
 RT: 9.51 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	139898		
144	28.7		21.1	31.7
142	91.3		65.3	97.9





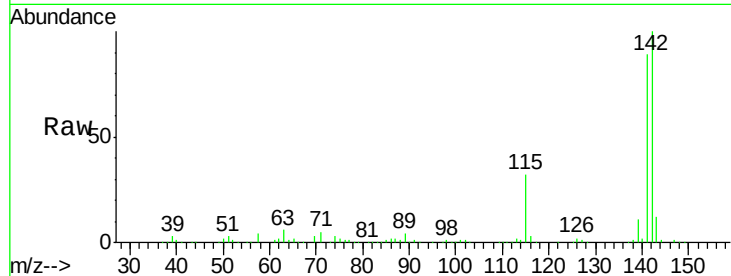
#37
 2-Methylnaphthalene
 Concen: 24.84 ng
 RT: 9.69 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

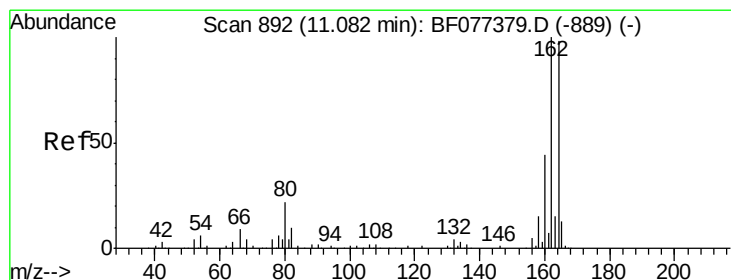
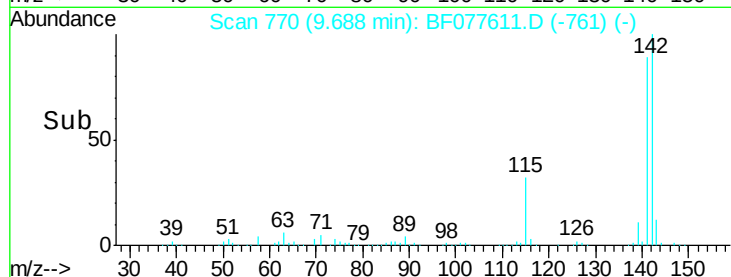
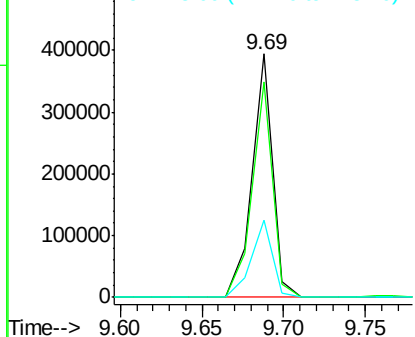
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	343193		
141	88.8	70.7	106.1	
115	31.9	24.2	36.4	

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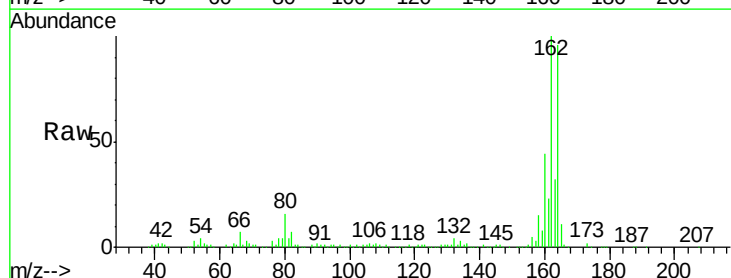


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

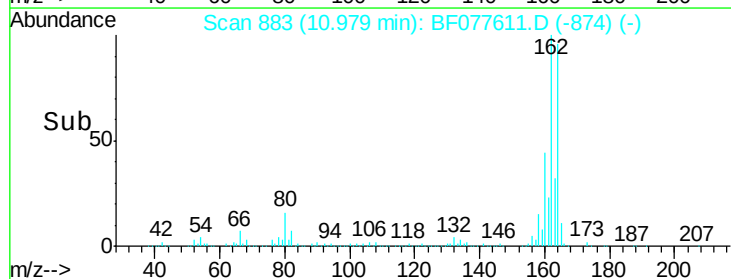
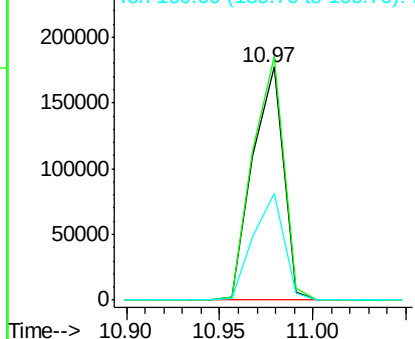


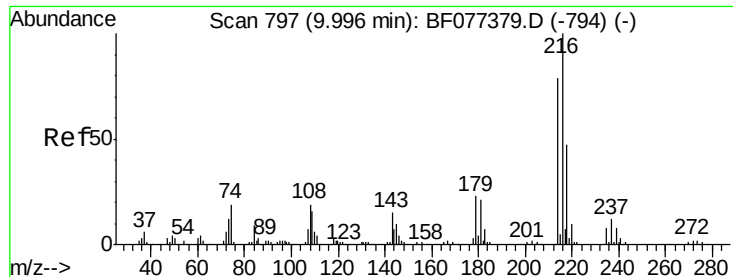
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202150		
162	104.4	83.2	124.8	
160	45.6	34.6	52.0	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.44 ng

RT: 9.89 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF077611.D

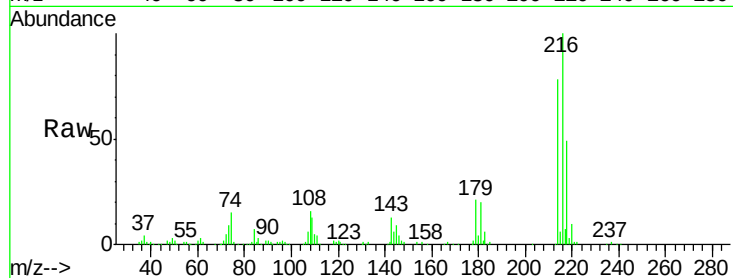
Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

ClientSampled :

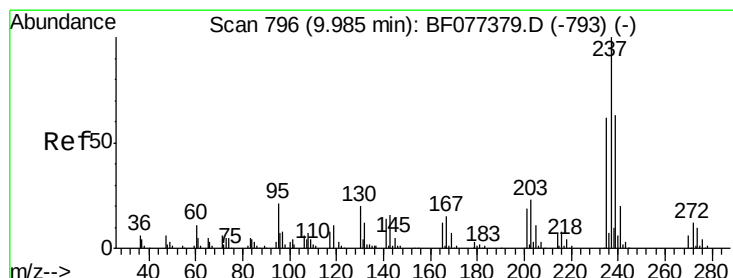
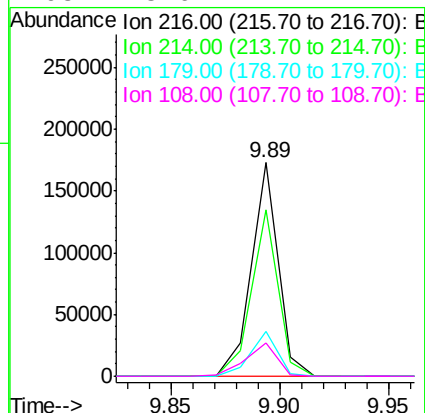
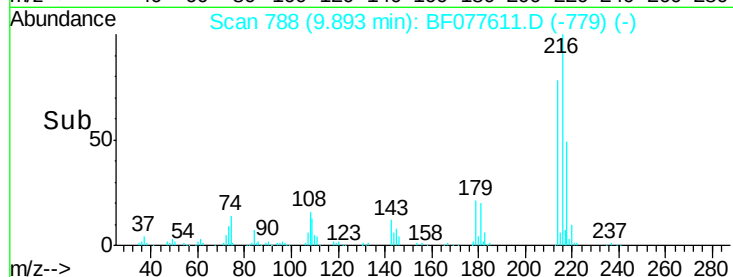
VMA-2MS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	147539		
214	77.6	63.4	95.0	
179	21.4	16.6	25.0	
108	18.6	14.2	21.4	

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#40

Hexachlorocyclopentadiene

Concen: 14.12 ng

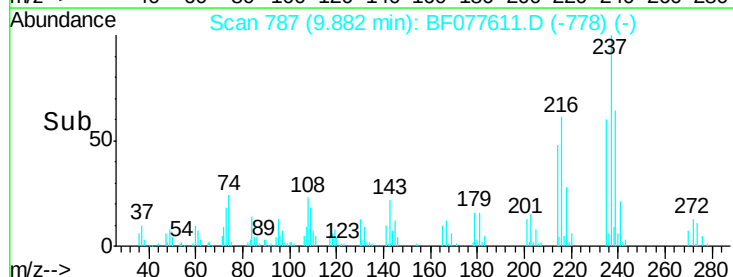
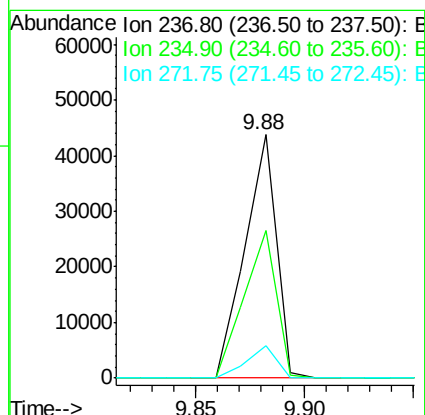
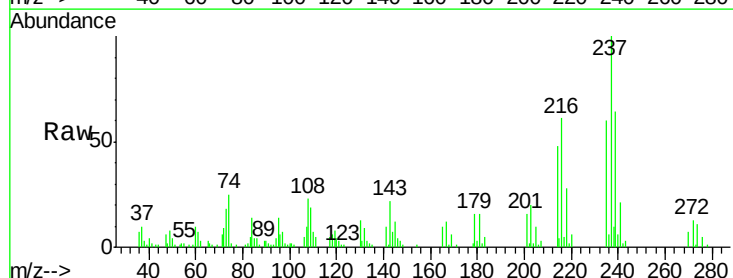
RT: 9.88 min Scan# 787

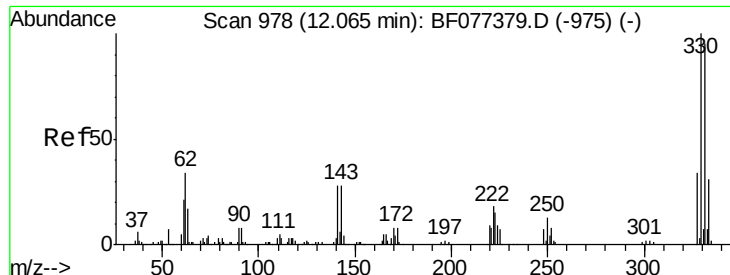
Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	43918		
235	60.4	41.0	81.0	
272	13.4	0.0	34.3	





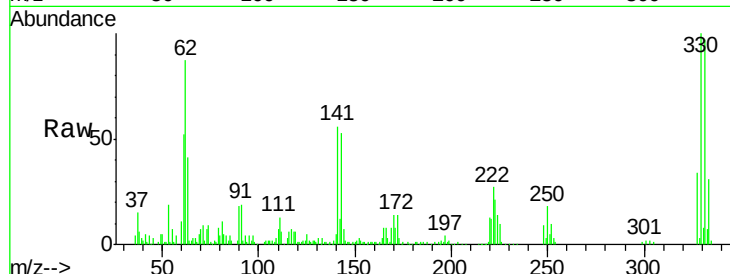
#41
 2,4,6-Tribromophenol
 Concen: 74.83 ng
 RT: 11.96 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampled :
 VMA-2MS

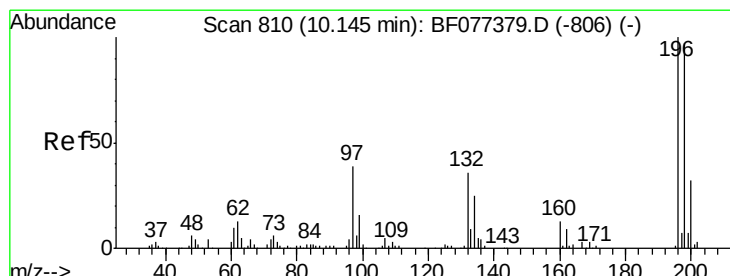
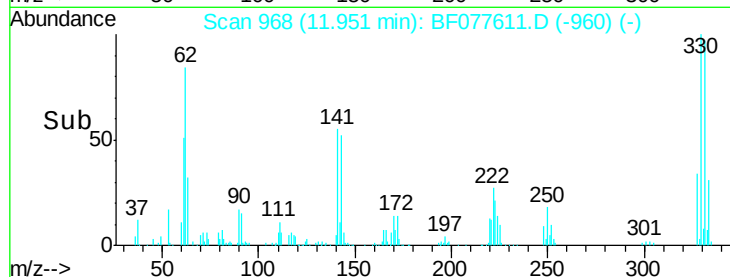
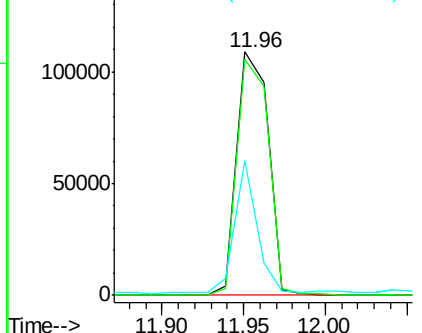
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	145652		
332	97.4	77.4	116.2	
141	38.7	28.8	43.2	

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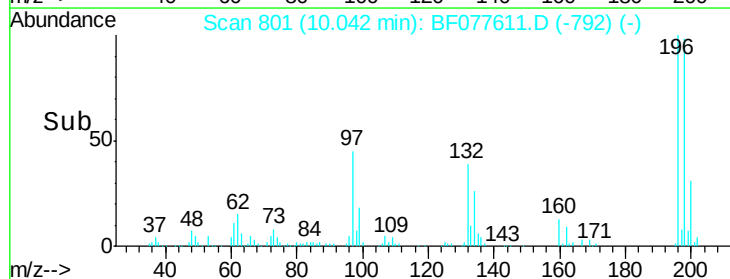
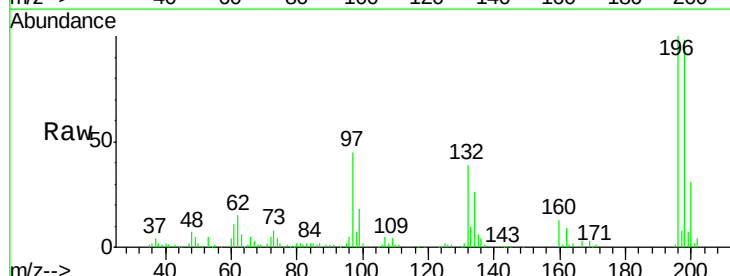
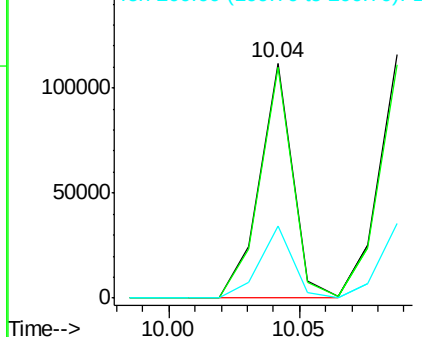
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

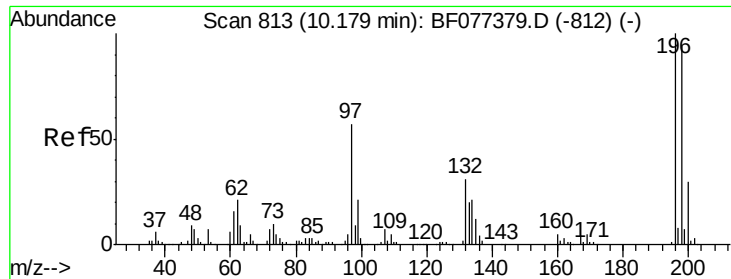


#42
 2,4,6-Trichlorophenol
 Concen: 25.99 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99824		
198	98.0	75.8	113.8	
200	30.5	24.2	36.4	

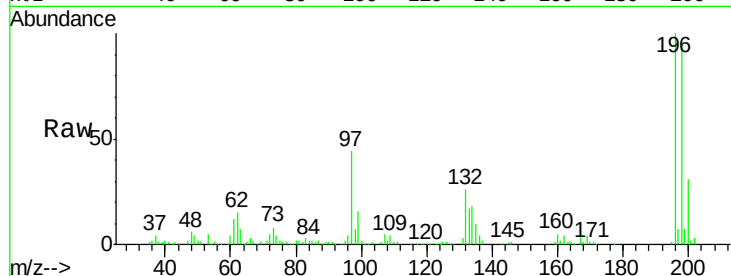
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 25.53 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

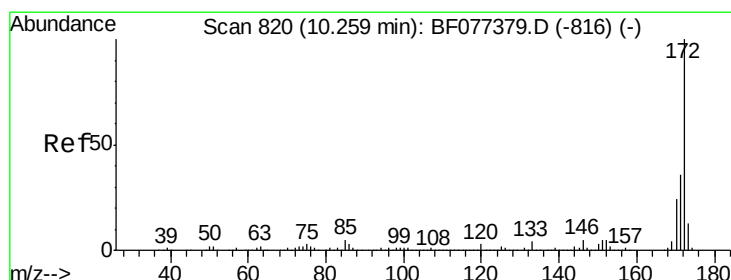
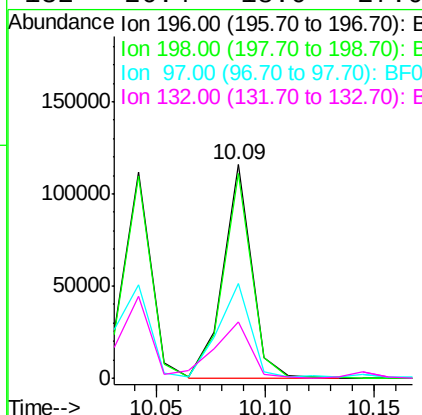
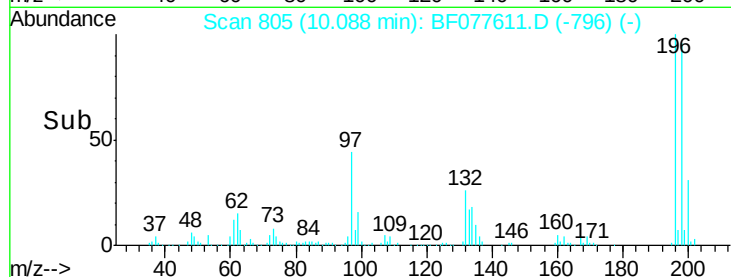
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104858		
198	95.6	77.2	115.8	
97	44.1	27.7	41.5#	
132	26.4	18.0	27.0	

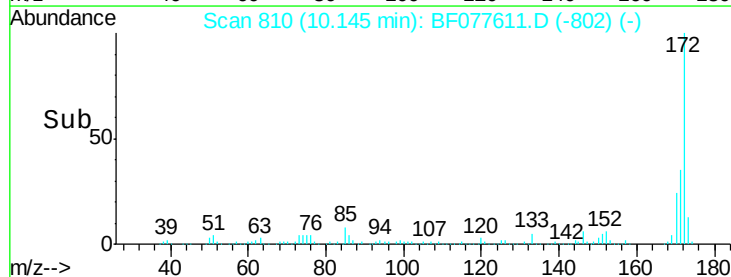
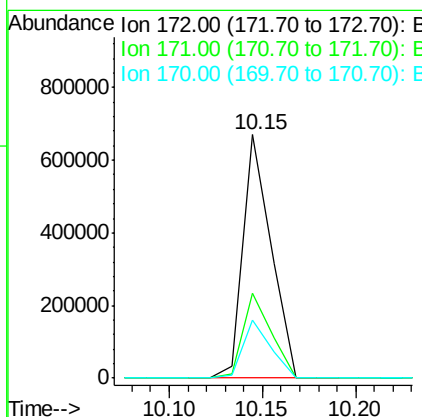
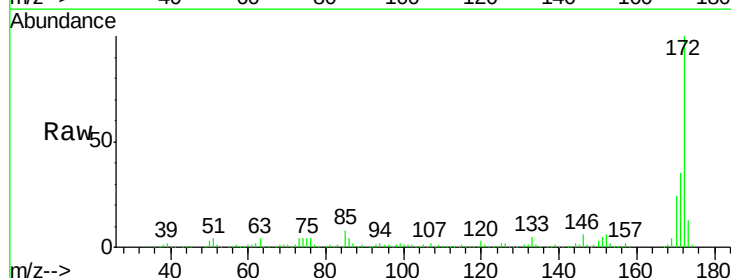
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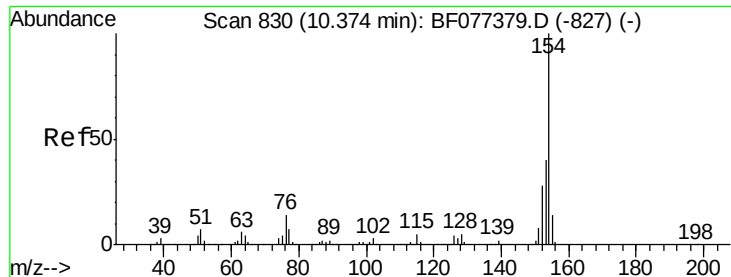
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 53.85 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	698206		
171	35.1	28.9	43.3	
170	23.7	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 25.92 ng

RT: 10.27 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

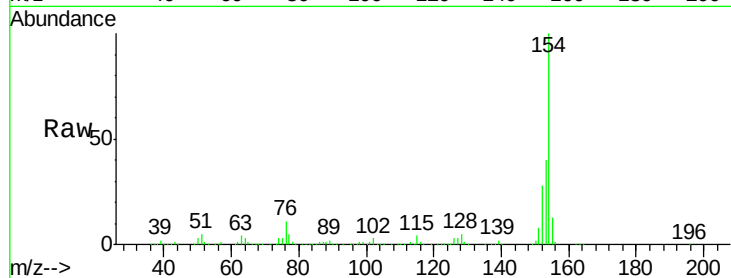
ClientSampleId :

VMA-2MS

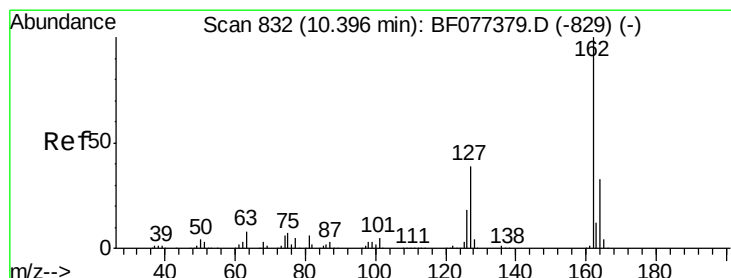
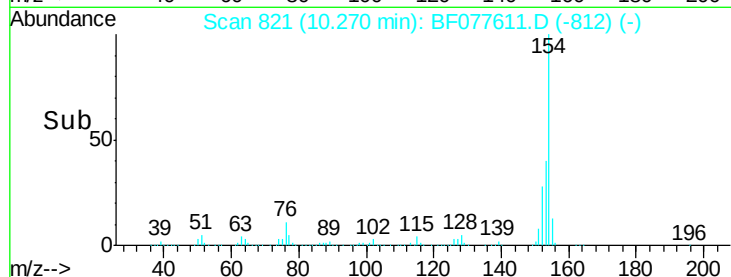
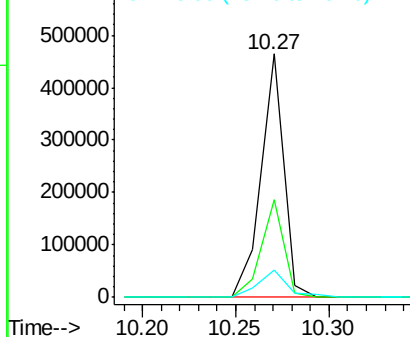
Tgt Ion:	154	Resp:	396990
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.2	60.2
76	11.2	0.0	29.4

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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: 25.89 ng

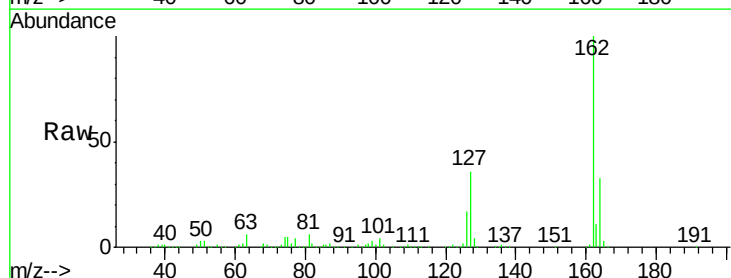
RT: 10.29 min Scan# 823

Delta R.T. 0.00 min

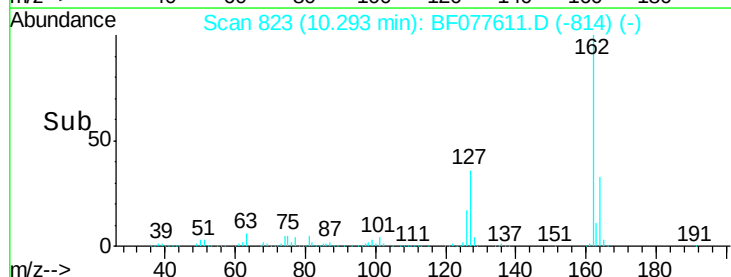
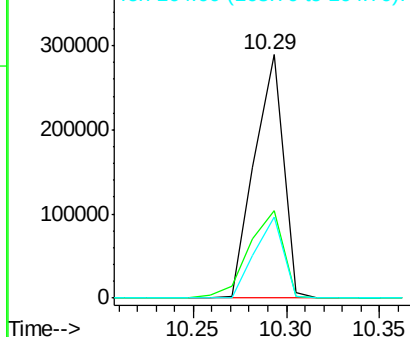
Lab File: BF077611.D

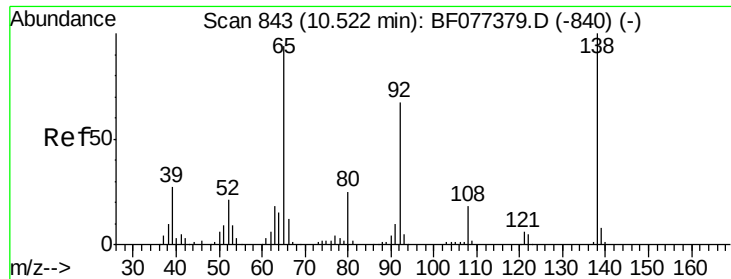
Acq: 5 Mar 2015 7:50

Tgt Ion:	162	Resp:	311021
Ion Ratio	Lower	Upper	
162	100		
127	35.9	33.3	49.9
164	33.2	26.2	39.4



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





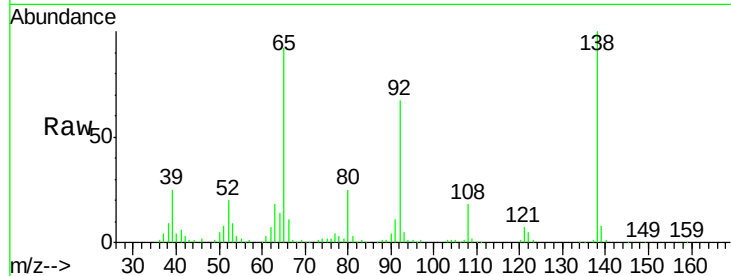
#47
2-Nitroaniline
Concen: 30.82 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	52.4	78.6
138	109.0	73.4	110.0

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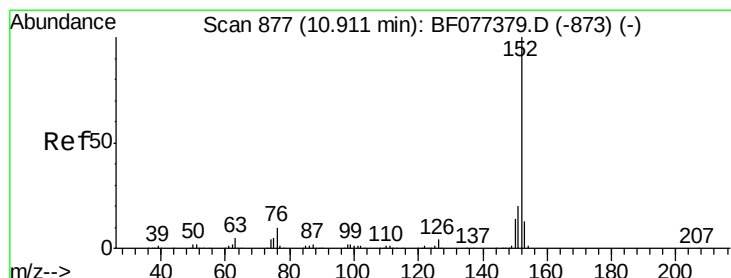
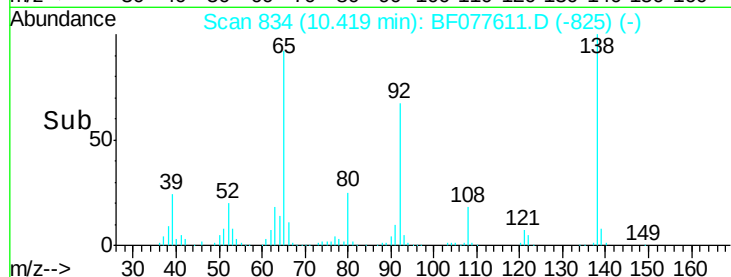
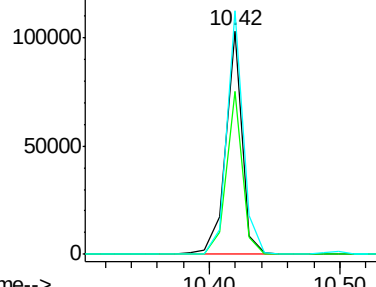


Abundance

Ion 65.00 (64.70 to 65.70): BF0

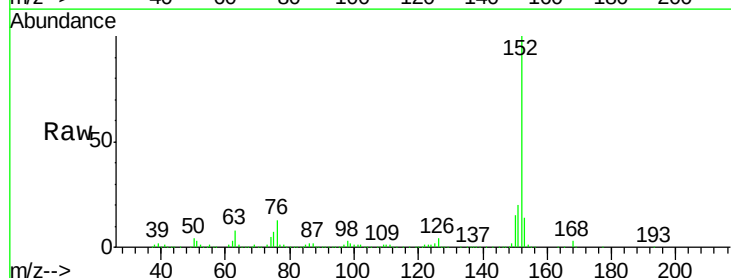
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48
Acenaphthylene
Concen: 24.67 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.5	10.9	16.3

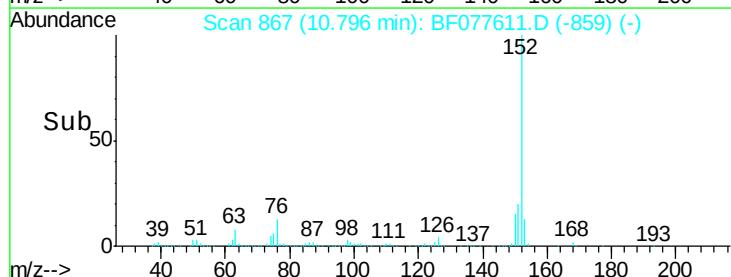
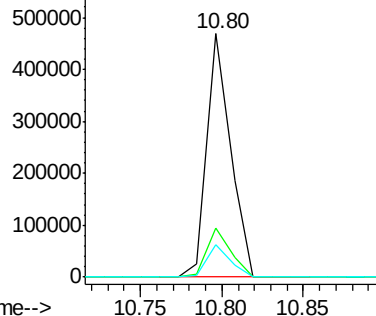


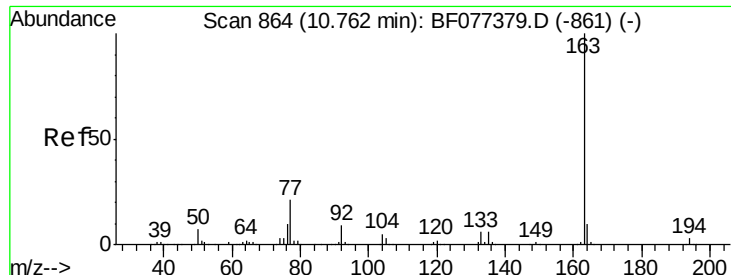
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





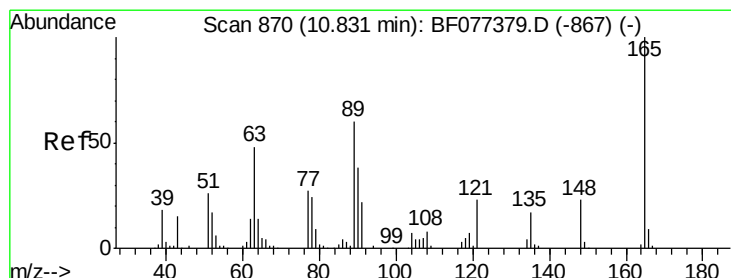
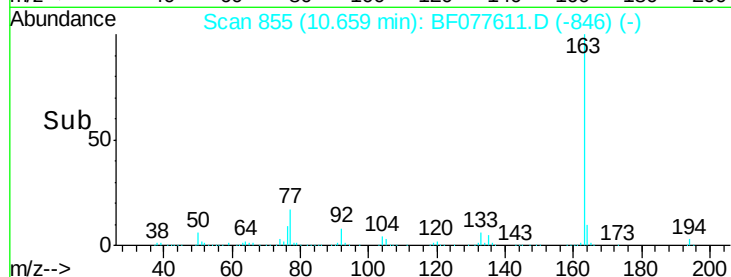
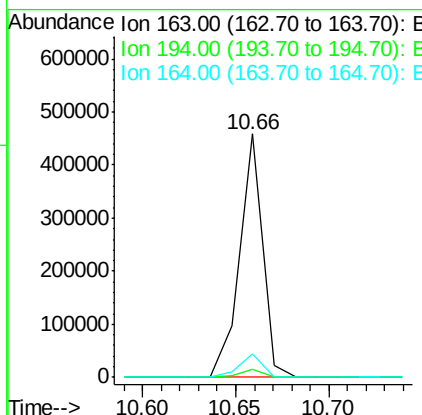
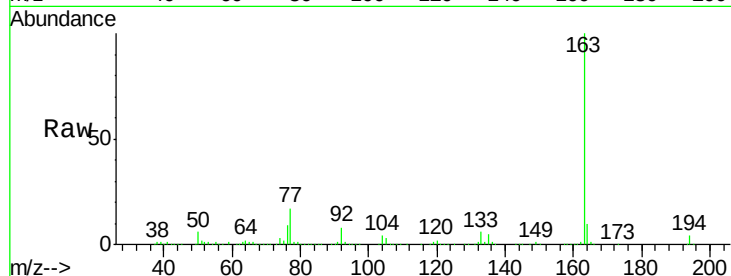
#49
Dimethylphthalate
Concen: 27.99 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.6	4.0
164	9.9	8.6	13.0

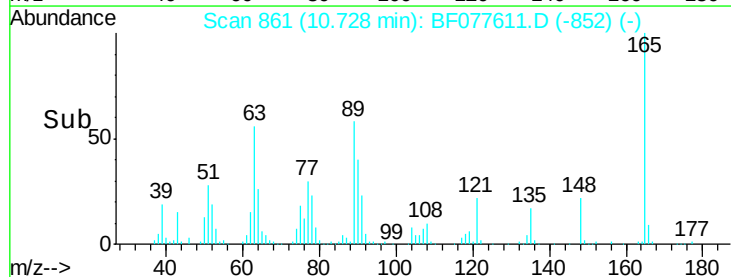
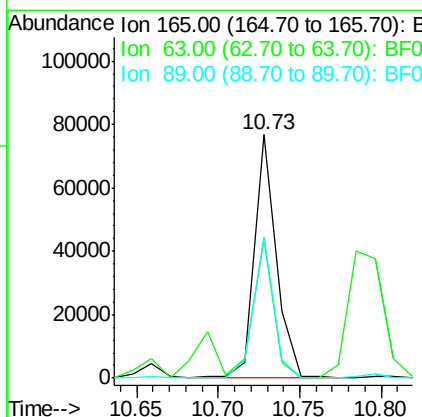
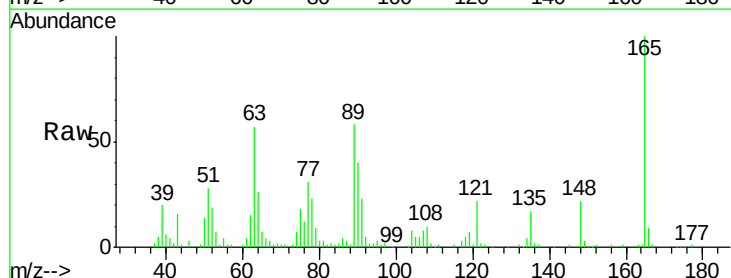
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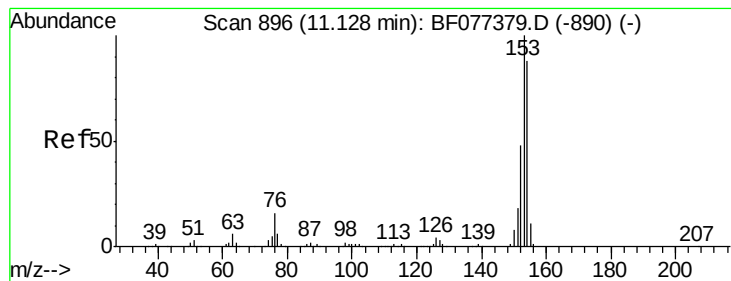
mohammad
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#50
2,6-Dinitrotoluene
Concen: 25.26 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.9	25.2	37.8#
89	57.8	30.5	45.7#





#51

Acenaphthene

Concen: 23.93 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

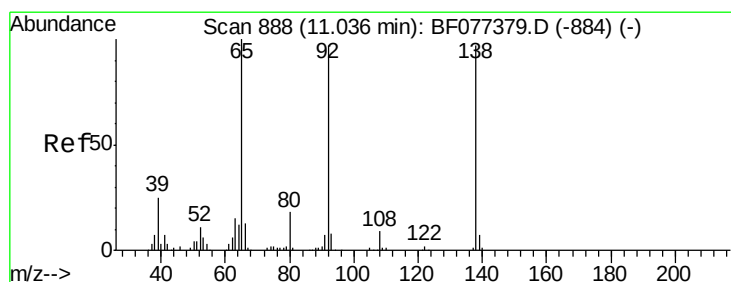
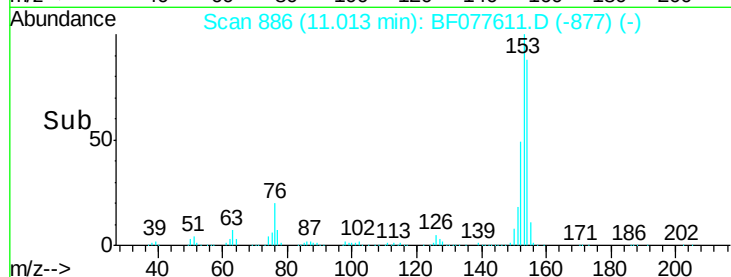
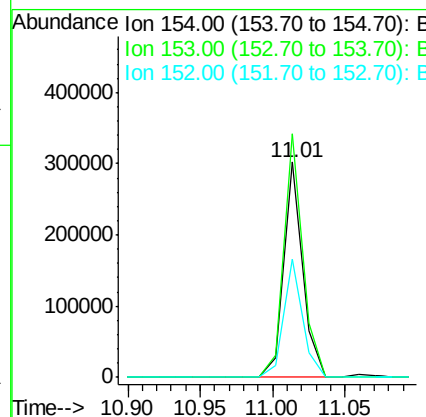
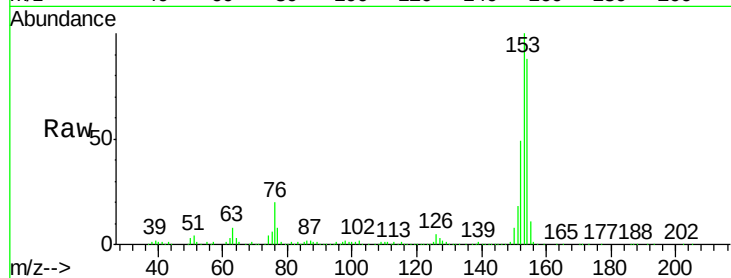
ClientSampleId :

VMA-2MS

Tgt Ion:	154	Resp:	271508
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.5	135.7
152	55.0	43.5	65.3

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#52

3-Nitroaniline

Concen: 22.48 ng

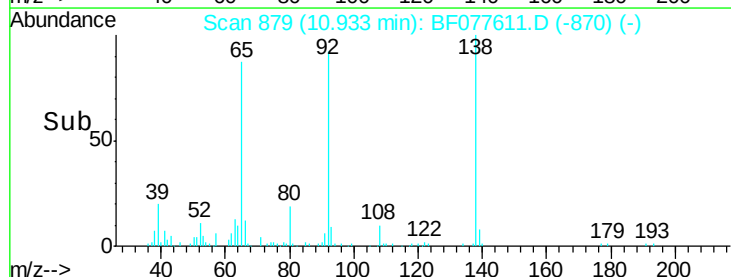
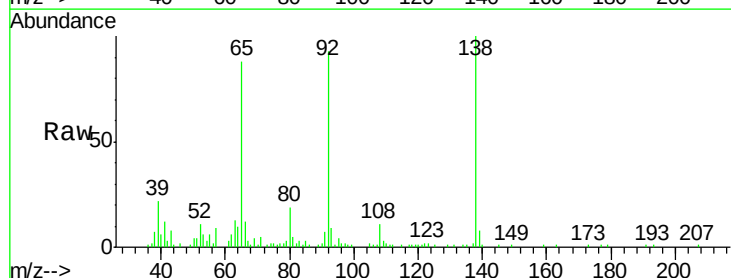
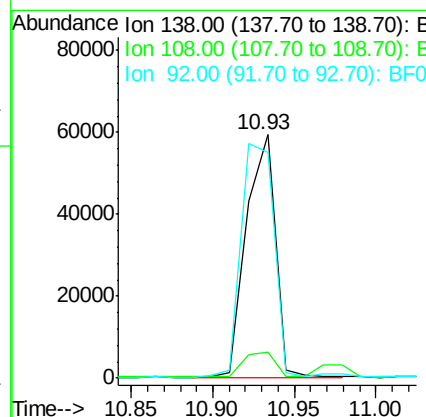
RT: 10.93 min Scan# 879

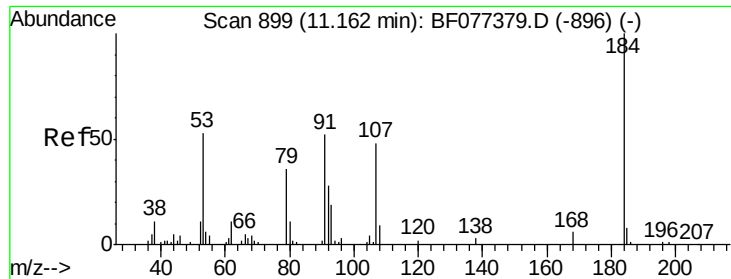
Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	138	Resp:	73866
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.8	11.8
92	92.8	90.6	135.8





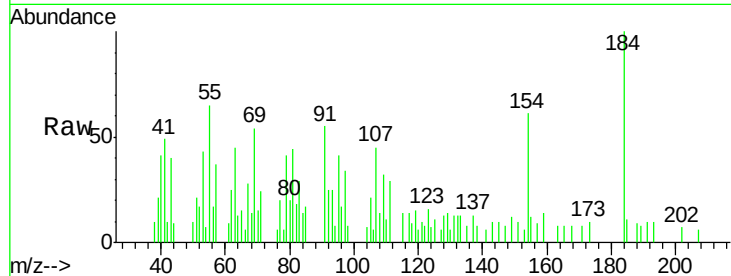
#53
2,4-Dinitrophenol
Concen: 8.62 ng
RT: 11.07 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

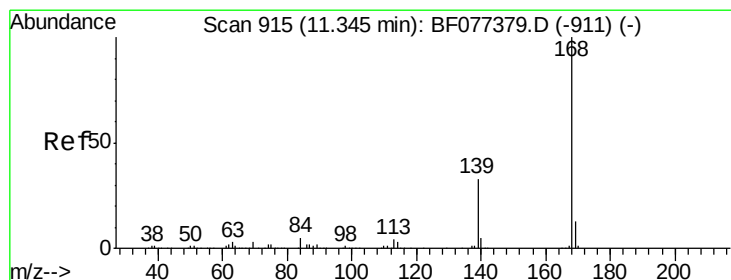
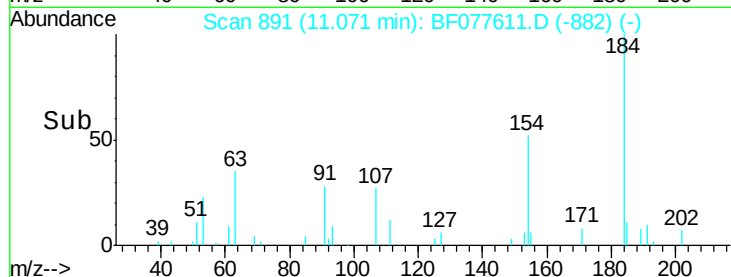
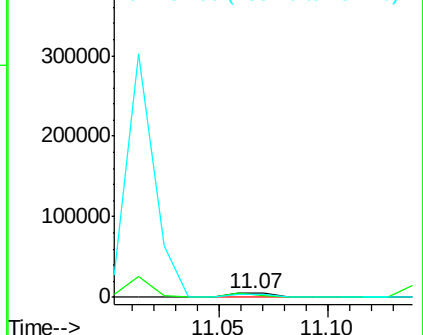
Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.8	29.5	44.3
154	61.3	43.2	64.8

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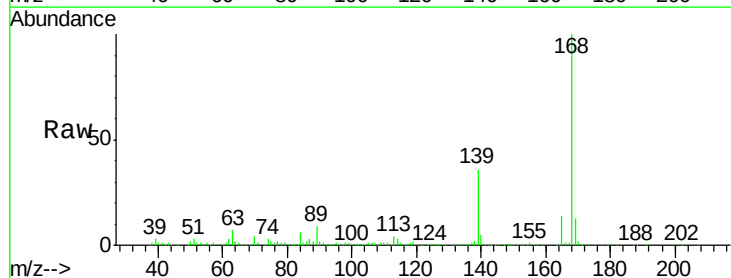


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

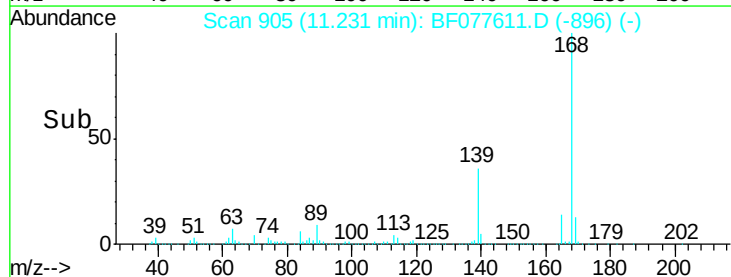
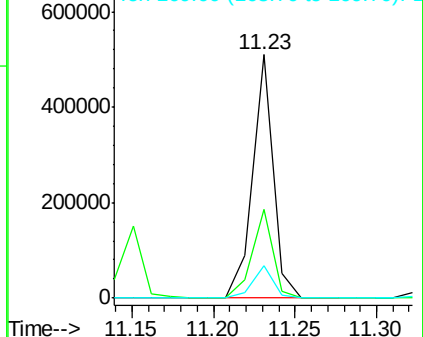


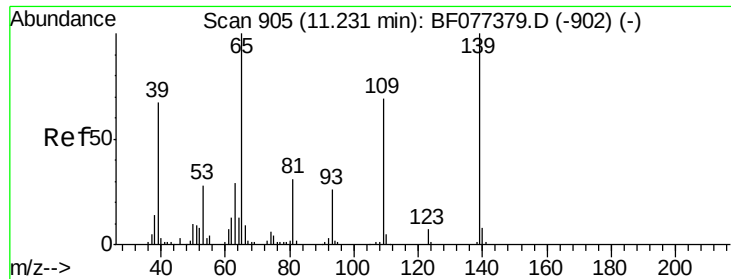
#54
Dibenzofuran
Concen: 25.51 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.3	43.9
169	13.4	10.9	16.3



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





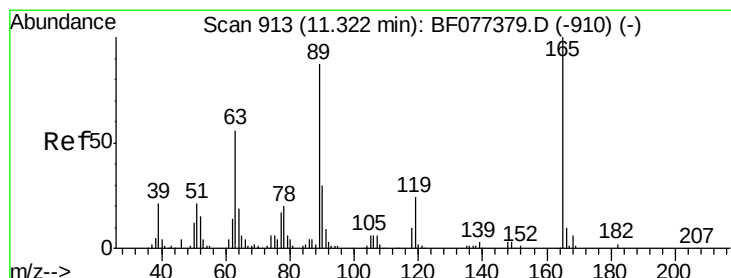
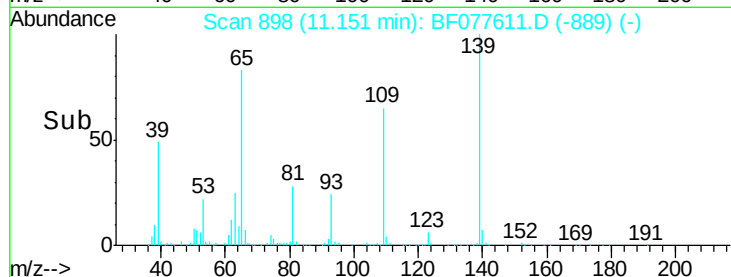
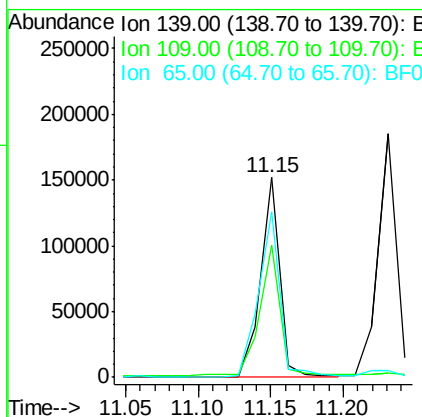
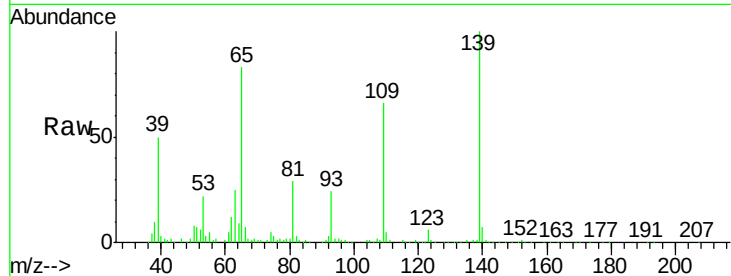
#55
4-Nitrophenol
Concen: 53.00 ng
RT: 11.15 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	66.2	36.2	76.2
65	83.1	40.3	80.3

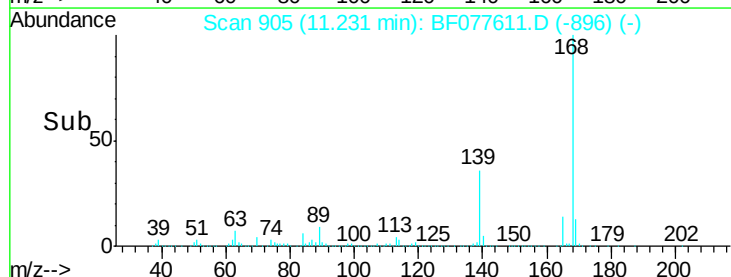
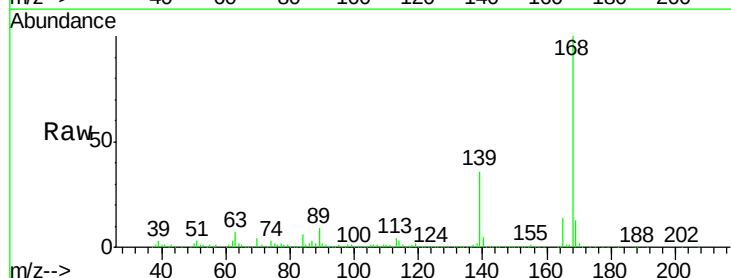
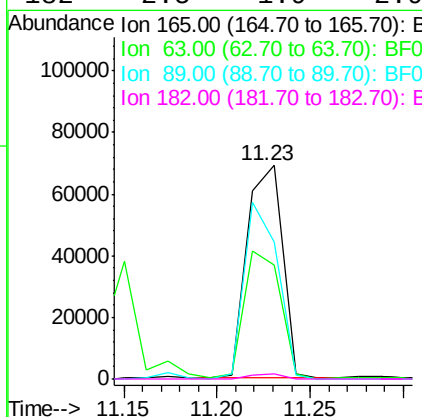
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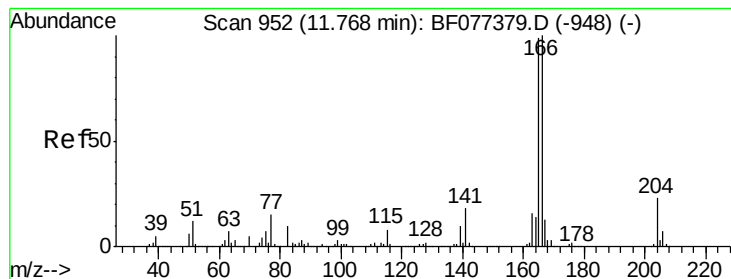
mohammad
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#56
2,4-Dinitrotoluene
Concen: 23.46 ng
RT: 11.23 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.5	29.8	44.8
89	64.3	48.5	72.7
182	2.5	1.9	2.9





#57

Fluorene

Concen: 25.36 ng

RT: 11.65 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

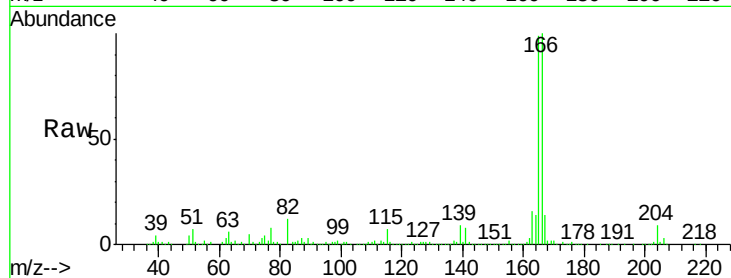
ClientSampled :

VMA-2MS

Tgt Ion:	166	Resp:	355197
Ion Ratio	Lower	Upper	
166	100		
165	98.7	77.6	116.4
167	13.9	10.6	16.0

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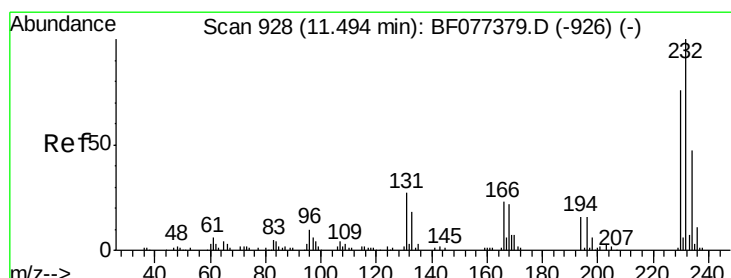
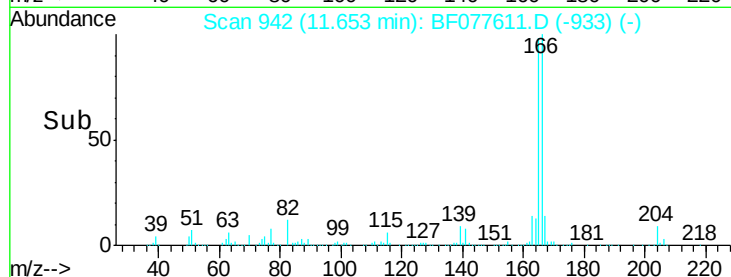
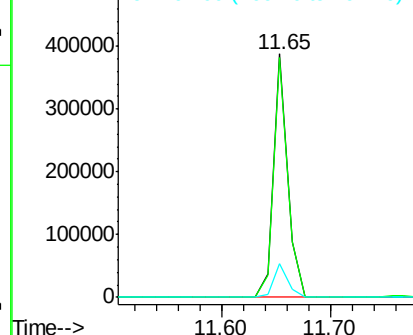


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.43 ng

RT: 11.38 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	232	Resp:	83979
Ion Ratio	Lower	Upper	
232	100		
131	45.1	34.2	51.2
130	2.3	1.8	2.6
166	33.3	24.3	36.5

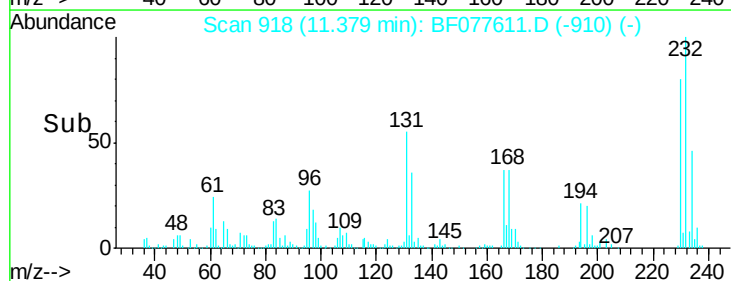
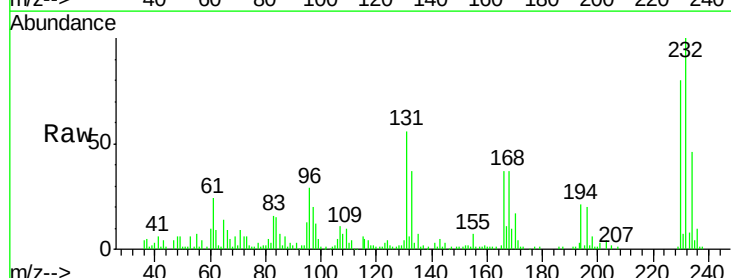
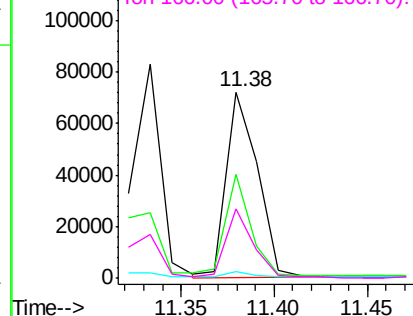
Abundance

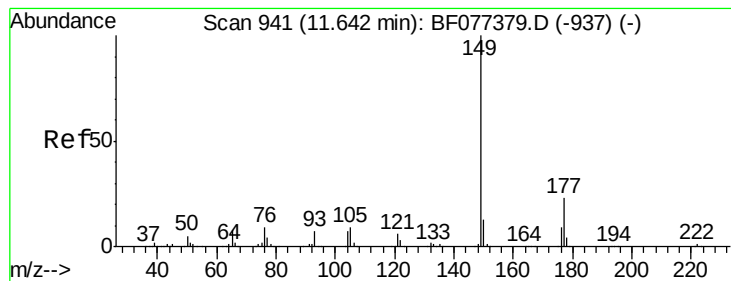
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 25.50 ng

RT: 11.53 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF077611.D

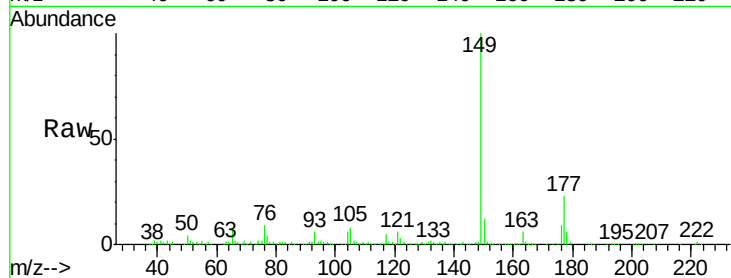
Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

ClientSampleId :

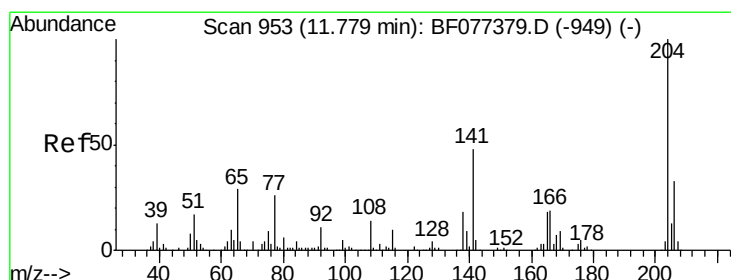
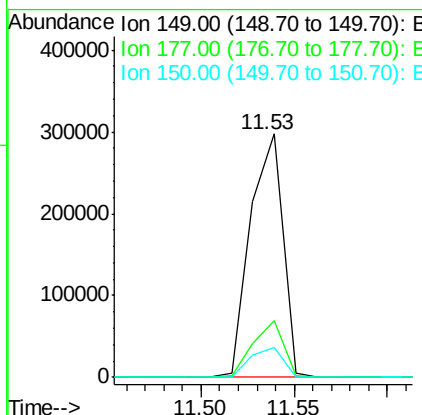
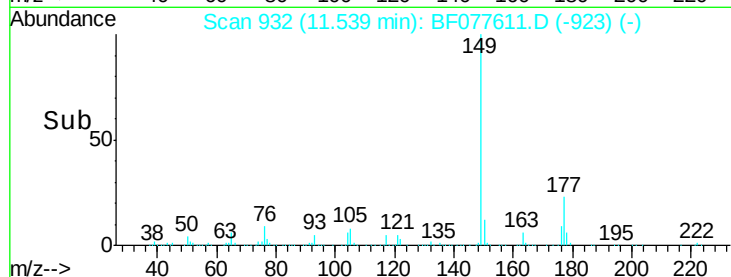
VMA-2MS



Tgt Ion:	149	Resp:	357268
Ion Ratio	Lower	Upper	
149	100		
177	23.4	17.2	25.8
150	12.0	10.5	15.7

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#60

4-Chlorophenyl-phenylether

Concen: 24.13 ng

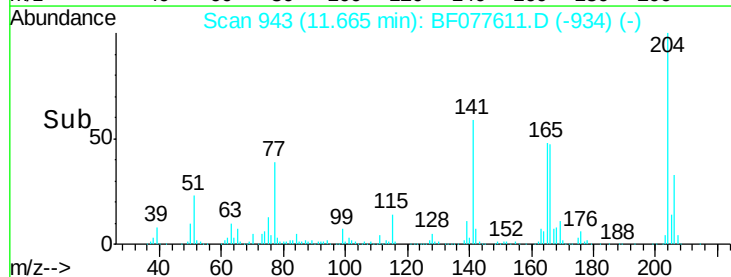
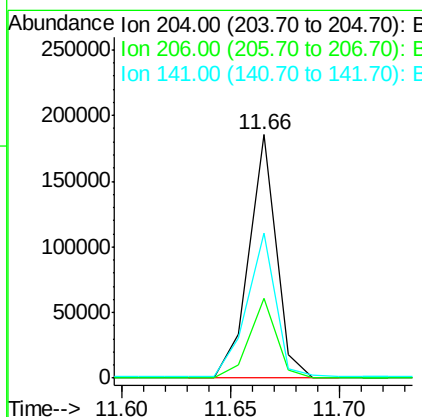
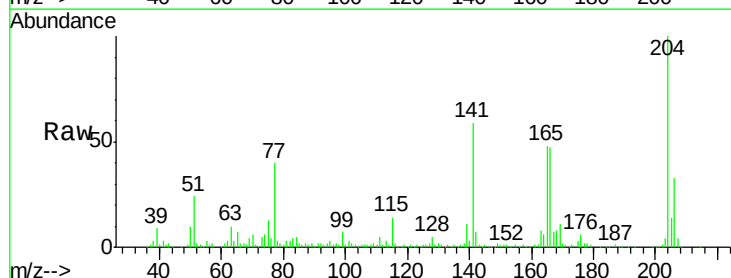
RT: 11.66 min Scan# 943

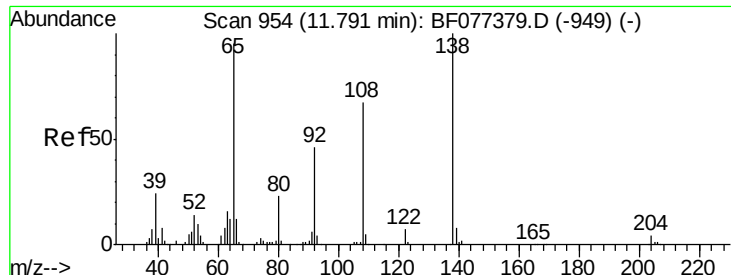
Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	204	Resp:	162838
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.9	38.9
141	59.4	43.6	65.4





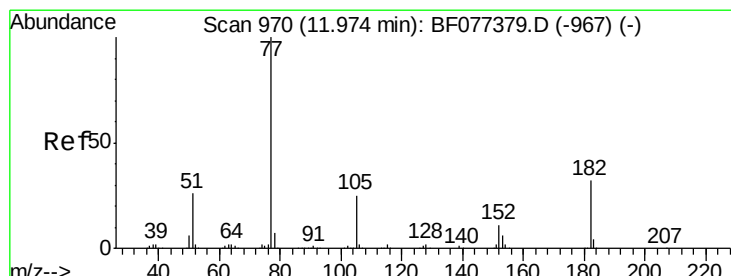
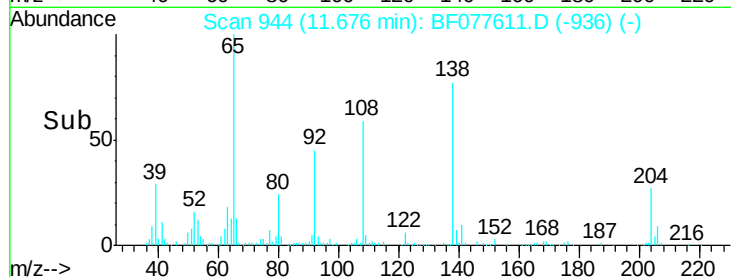
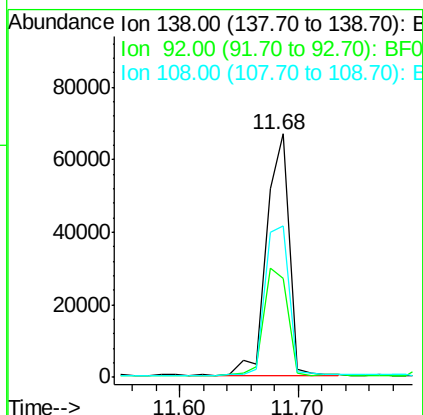
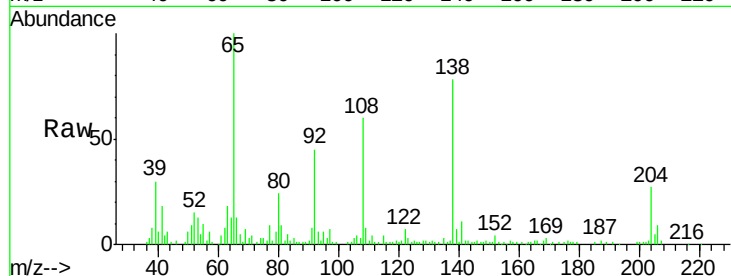
#61
4-Nitroaniline
Concen: 27.96 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	88038		
92	57.6	32.8	72.8	
108	76.9	52.1	92.1	

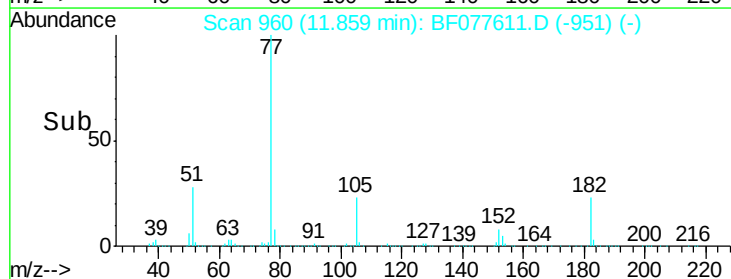
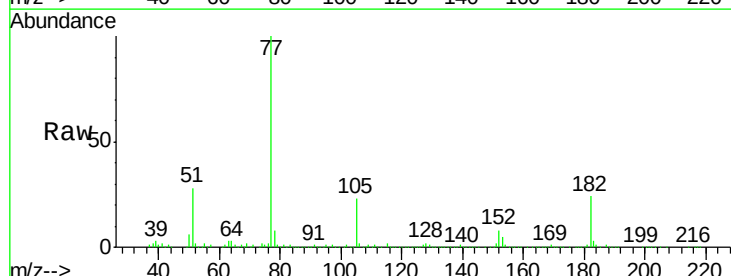
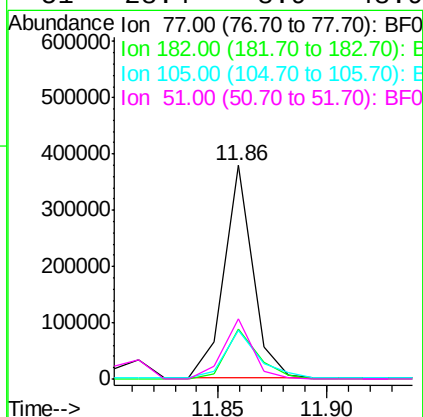
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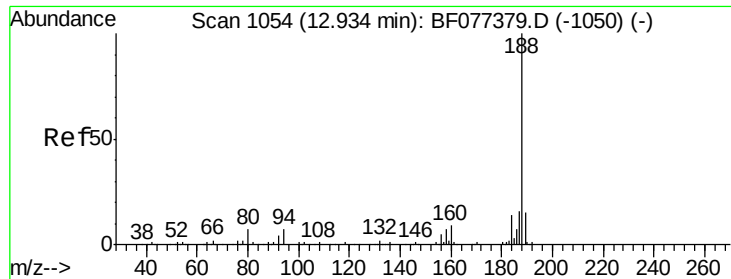
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#62
Azobenzene
Concen: 25.99 ng
RT: 11.86 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	345386		
182	23.5	4.9	44.9	
105	23.0	3.3	43.3	
51	28.4	8.9	48.9	





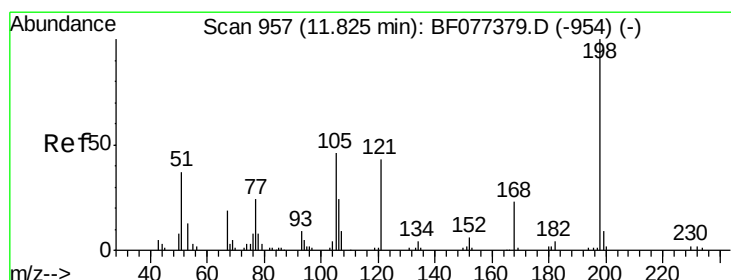
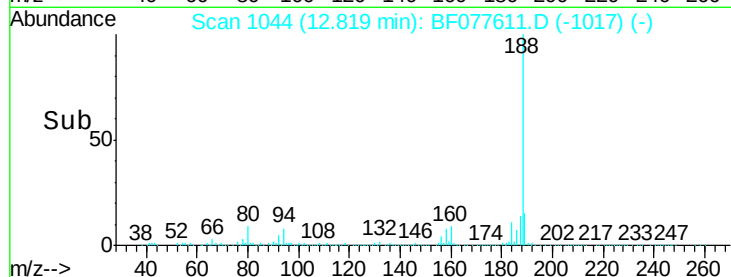
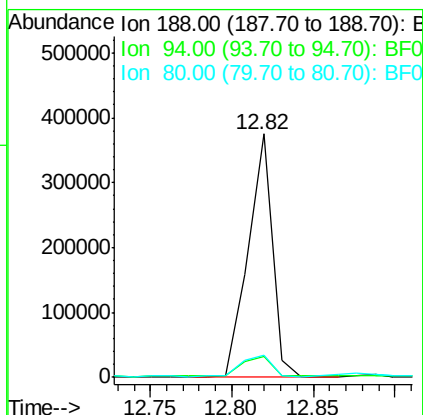
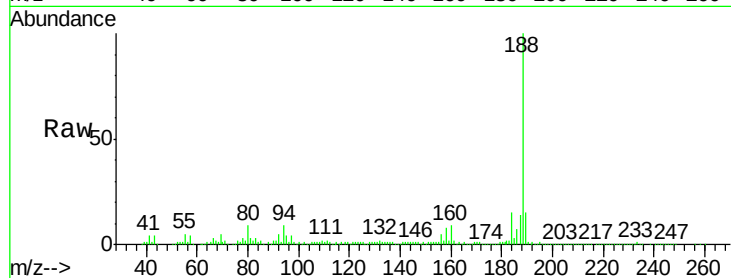
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	7.4	11.2
80	9.2	8.0	12.0

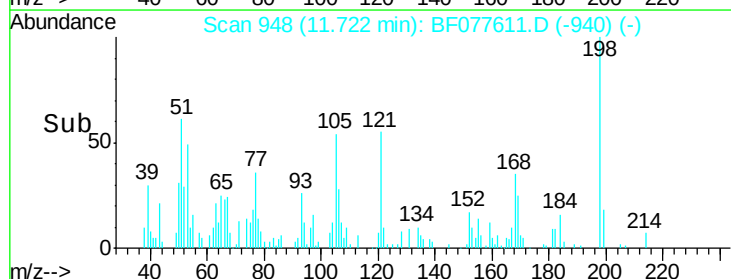
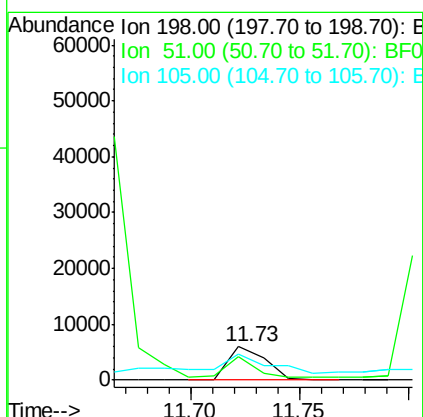
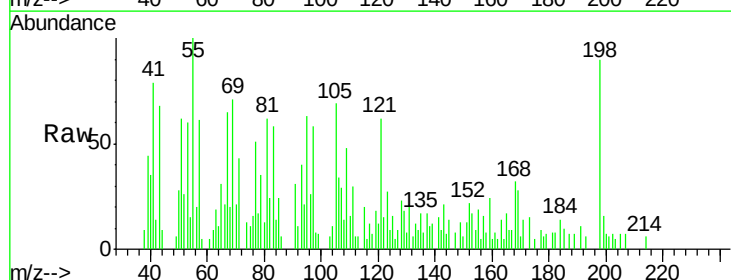
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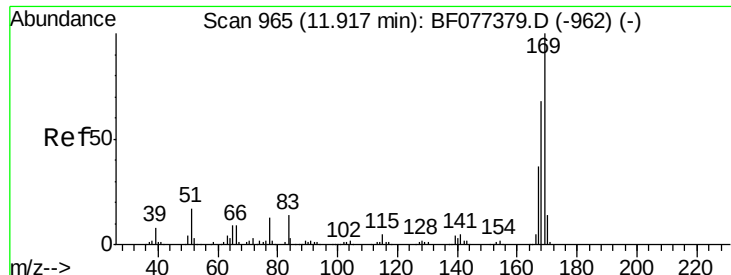
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.97 ng
RT: 11.73 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.0	2.7	42.7#
105	76.1	10.0	50.0#





#65

n-Nitrosodiphenylamine

Concen: 24.96 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

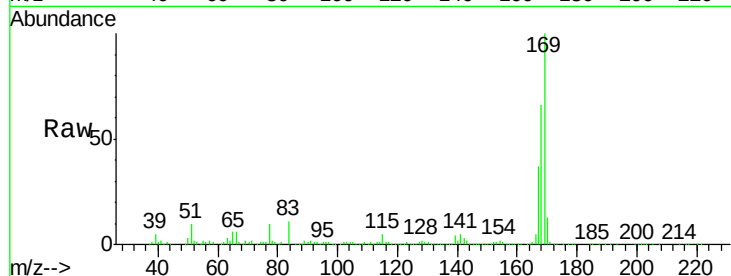
ClientSampleId :

VMA-2MS

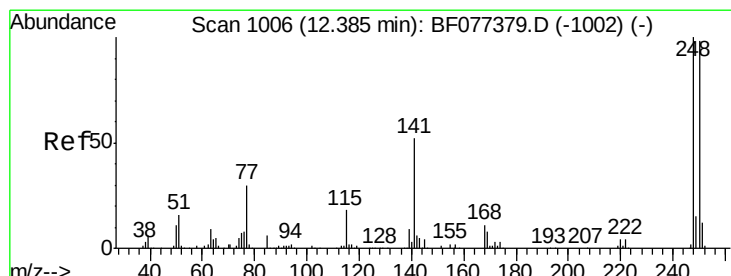
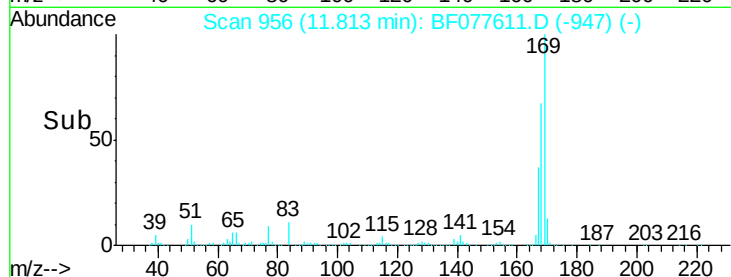
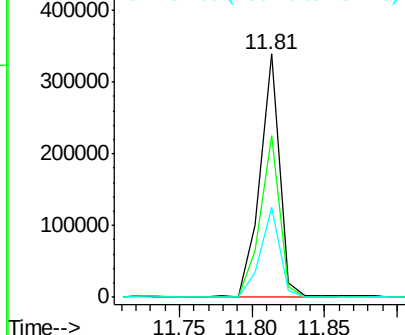
Tgt Ion:	169	Resp:	318873
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.0	79.6
167	36.9	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 22.37 ng

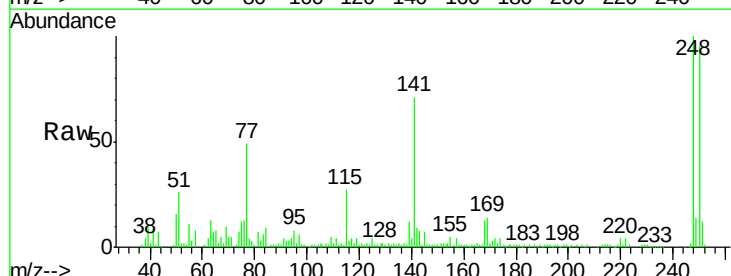
RT: 12.27 min Scan# 996

Delta R.T. 0.00 min

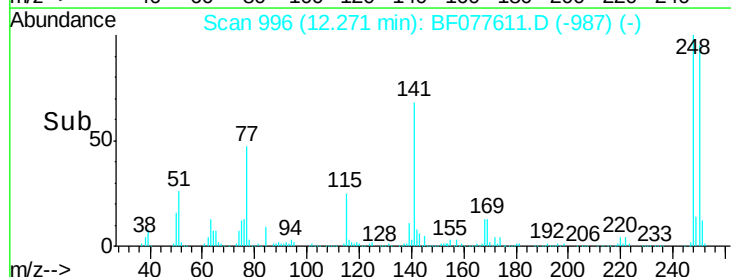
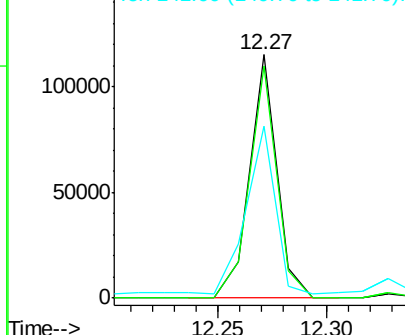
Lab File: BF077611.D

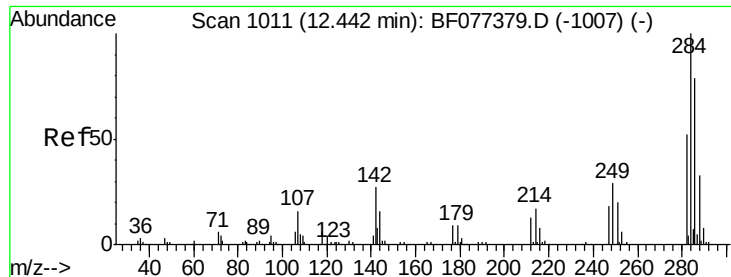
Acq: 5 Mar 2015 7:50

Tgt Ion:	248	Resp:	100830
Ion Ratio	Lower	Upper	
248	100		
250	95.3	78.0	117.0
141	70.9	54.1	81.1



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 21.34 ng

RT: 12.33 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

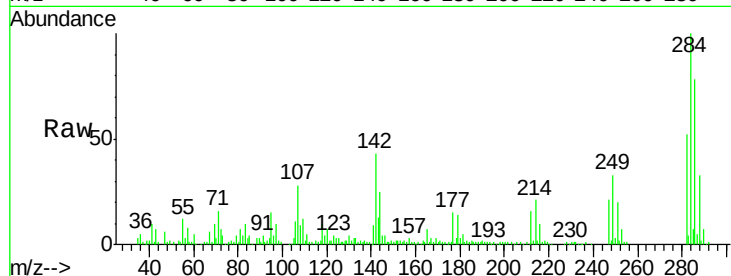
ClientSampleId :

VMA-2MS

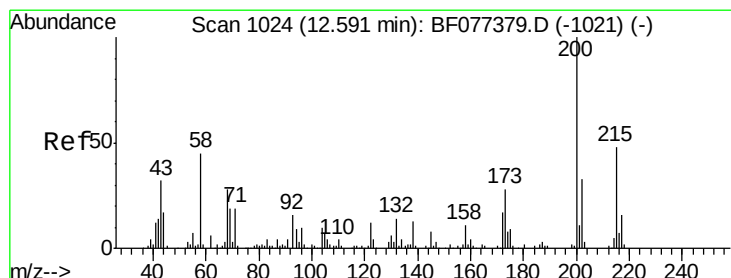
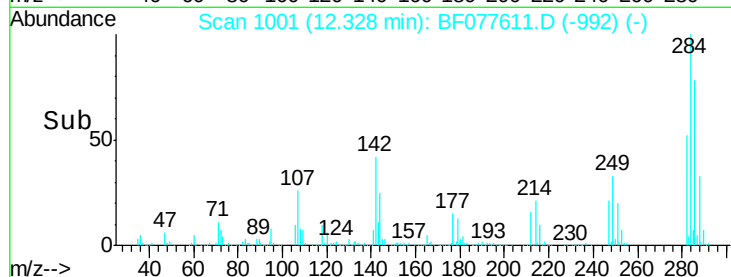
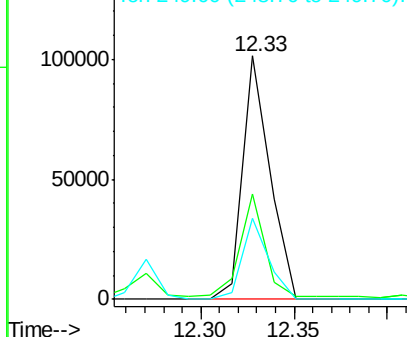
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	103256		
142	43.5	31.6	47.4	
249	33.3	27.0	40.4	

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



#68

Atrazine

Concen: 24.35 ng

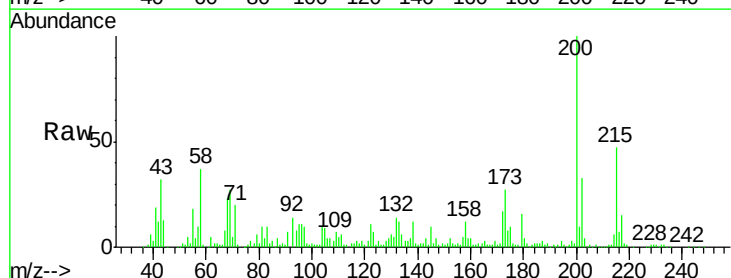
RT: 12.49 min Scan# 1015

Delta R.T. -0.00 min

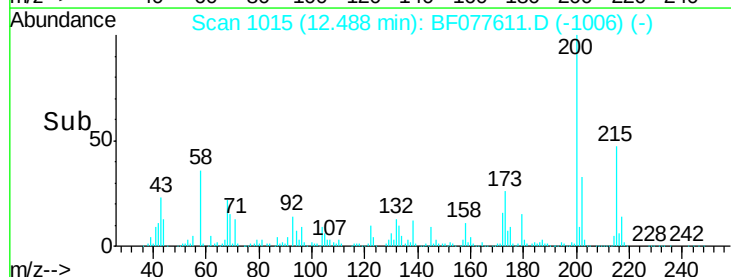
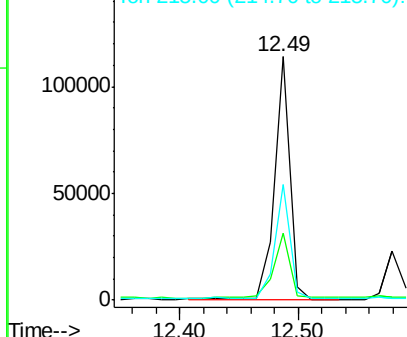
Lab File: BF077611.D

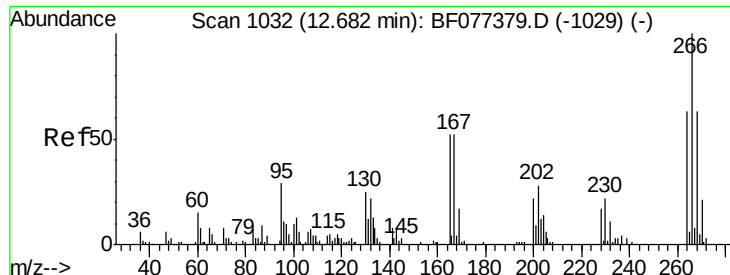
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	101108		
173	27.4	9.6	49.6	
215	47.4	24.4	64.4	



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





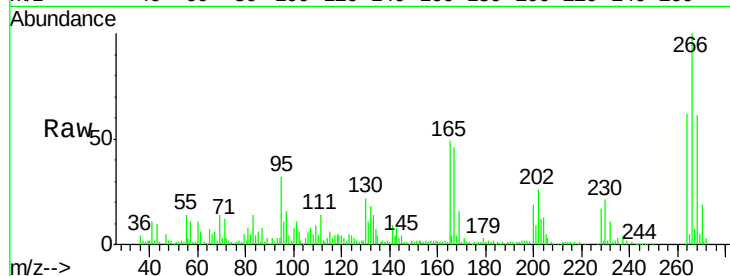
#69
 Pentachlorophenol
 Concen: 45.85 ng
 RT: 12.58 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	116615		
268	60.5	51.2	76.8	
264	61.6	50.7	76.1	

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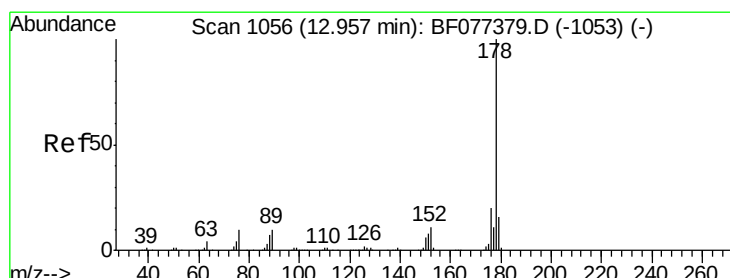
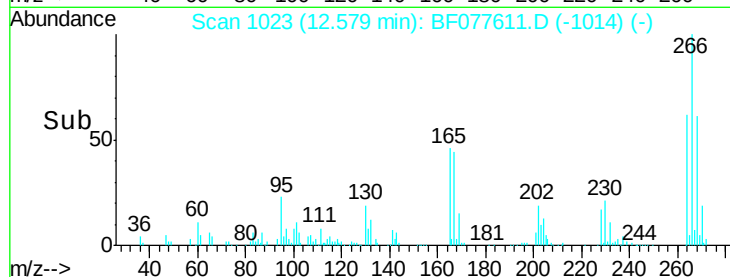
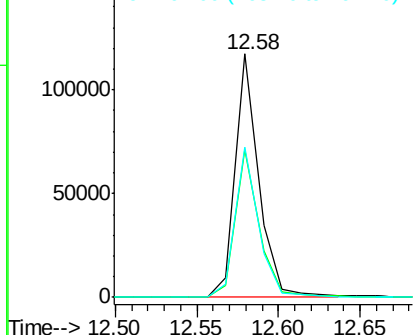


Abundance

Ion 265.70 (265.40 to 266.40): E

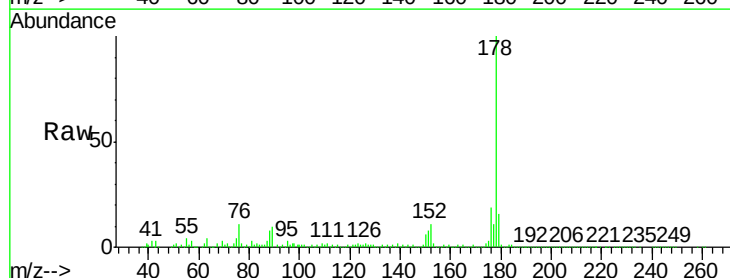
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 23.33 ng
 RT: 12.85 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	520479		
176	19.2	15.5	23.3	
179	16.1	12.2	18.2	

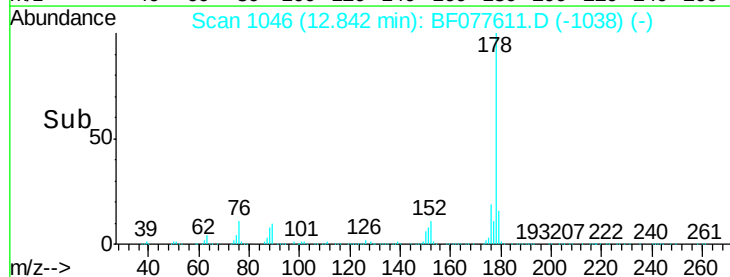
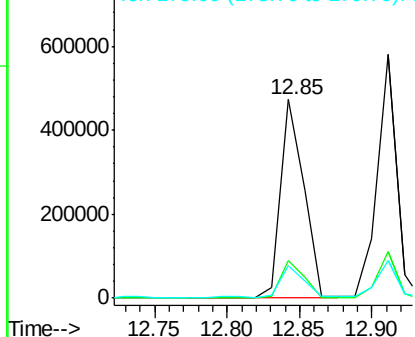


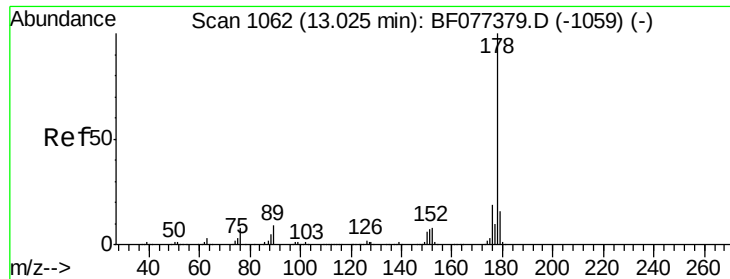
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





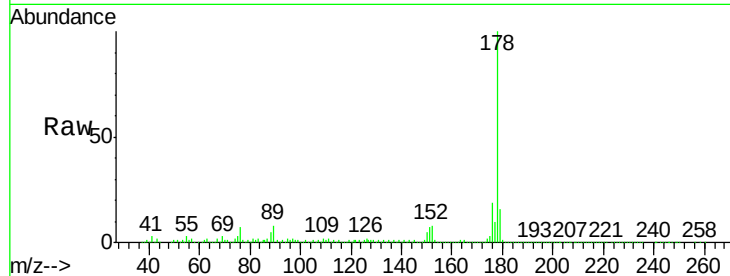
#71
 Anthracene
 Concen: 23.88 ng
 RT: 12.91 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

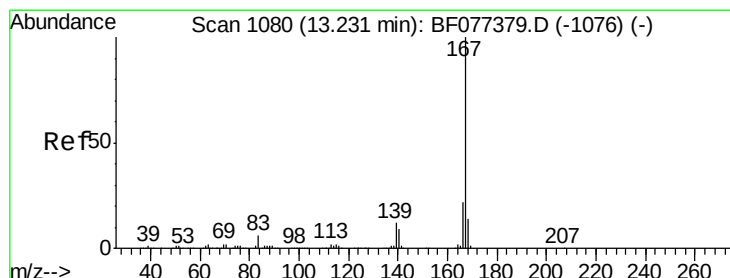
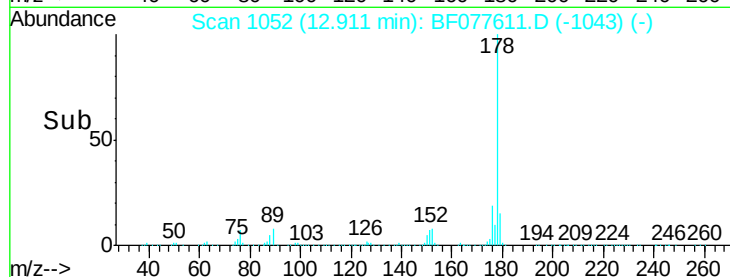
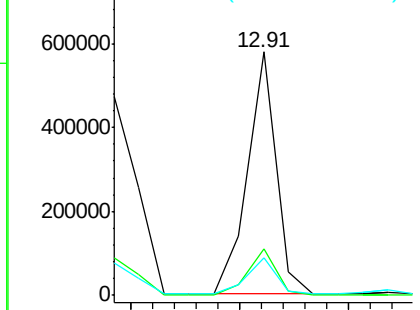
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	528878		
176	18.9	15.4	23.0	
179	15.5	12.9	19.3	

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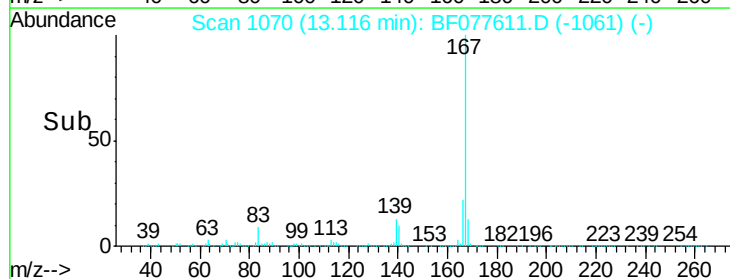
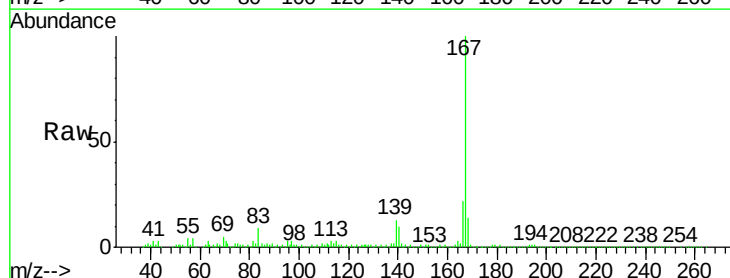
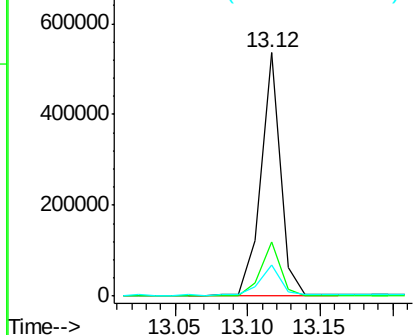
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

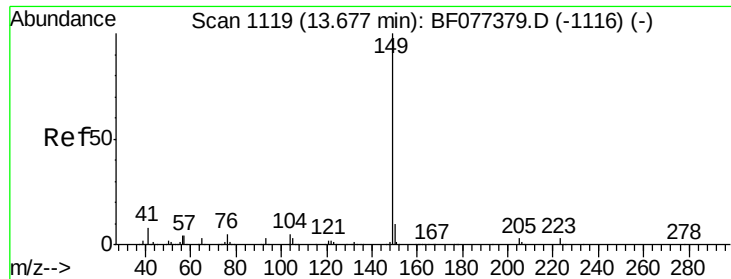


#72
 Carbazole
 Concen: 23.56 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	496125		
166	22.3	17.6	26.4	
139	12.9	9.9	14.9	

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





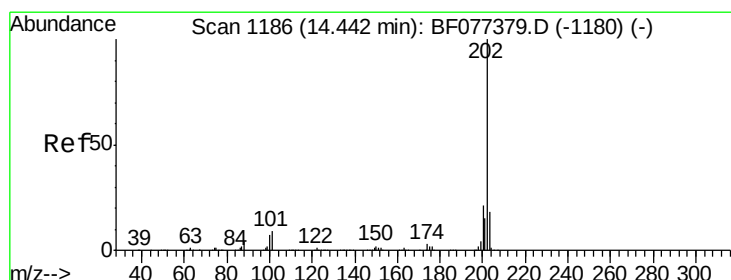
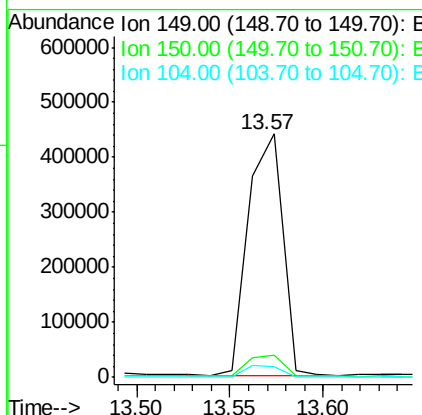
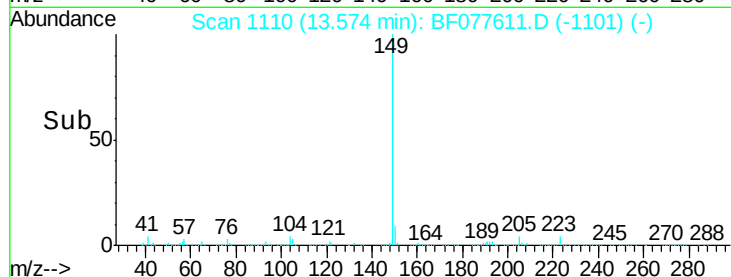
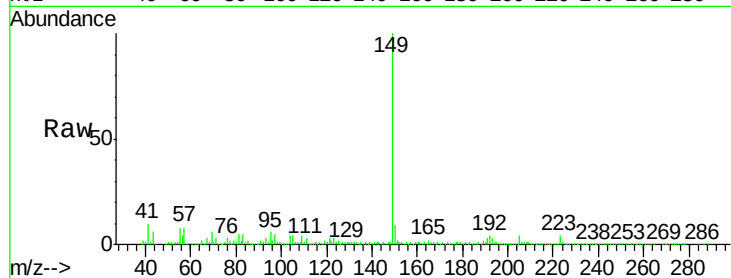
#73
Di-n-butylphthalate
Concen: 22.74 ng
RT: 13.57 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	562305		
150	9.1	7.8	11.8	
104	4.2	4.1	6.1	

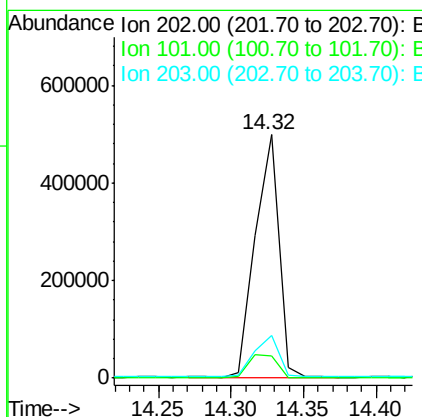
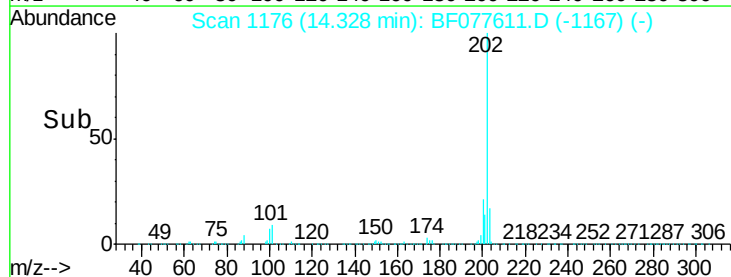
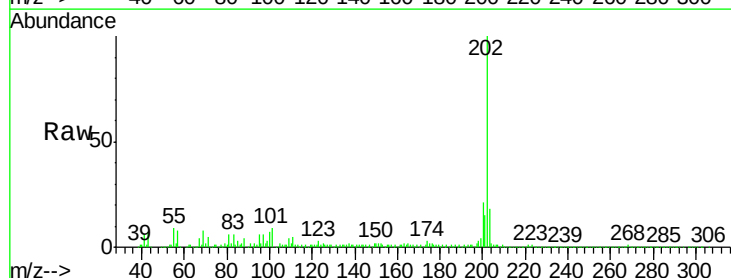
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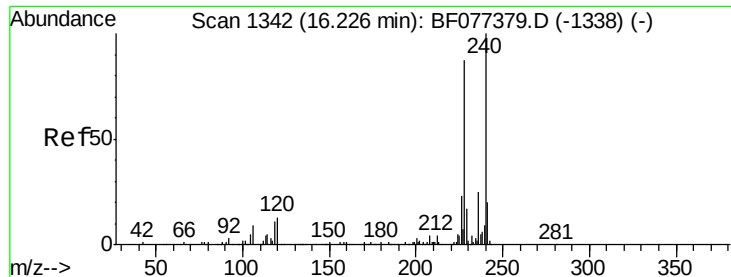
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#74
Fluoranthene
Concen: 23.14 ng
RT: 14.32 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	564078		
101	9.0	0.0	30.8	
203	17.7	0.0	37.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.12 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

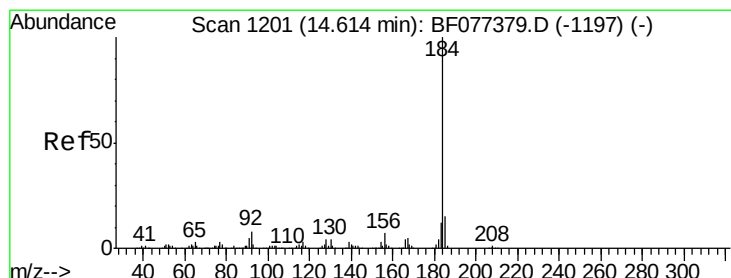
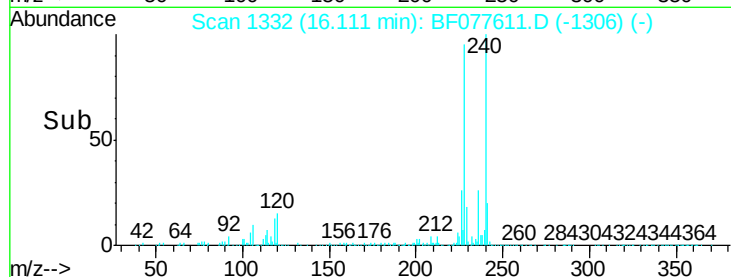
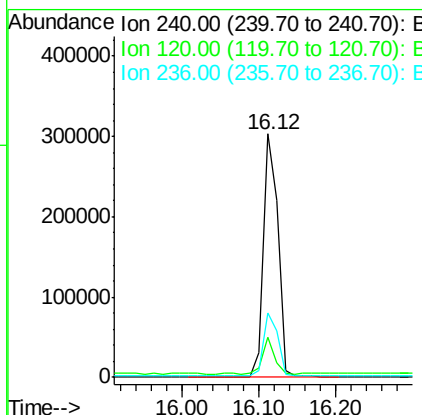
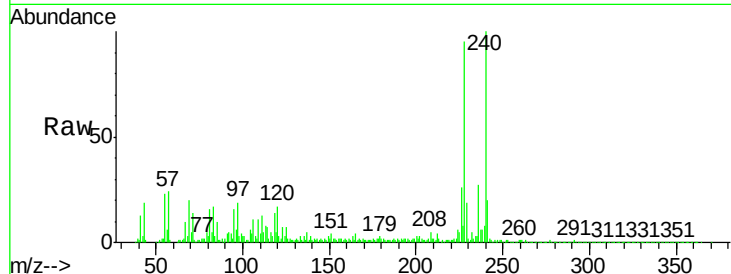
ClientSampleId :

VMA-2MS

Tgt Ion:	240	Resp:	388824
Ion Ratio	Lower	Upper	
240	100		
120	16.7	8.8	13.2#
236	26.6	20.7	31.1

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#76

Benzidine

Concen: 21.67 ng

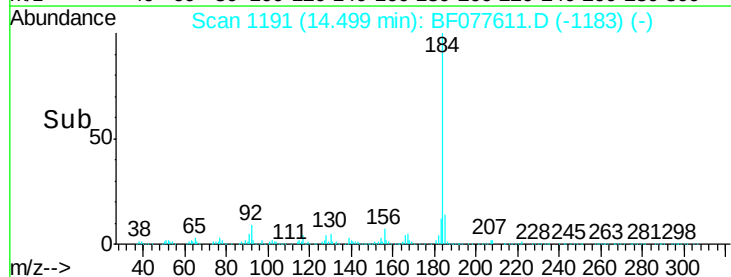
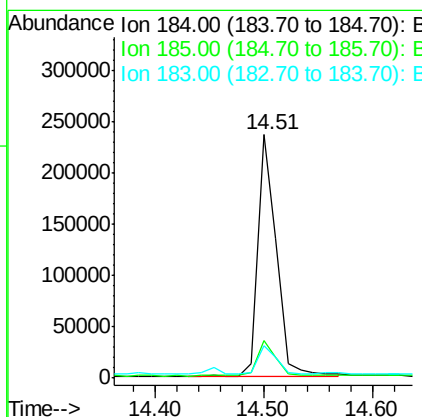
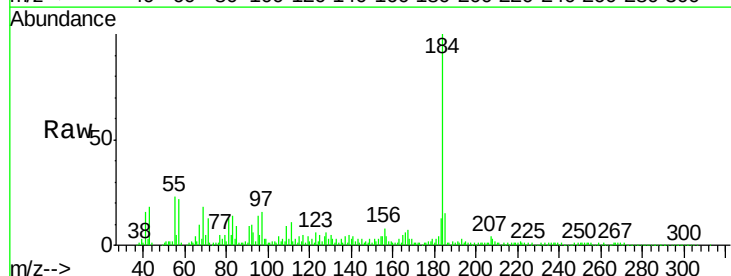
RT: 14.51 min Scan# 1191

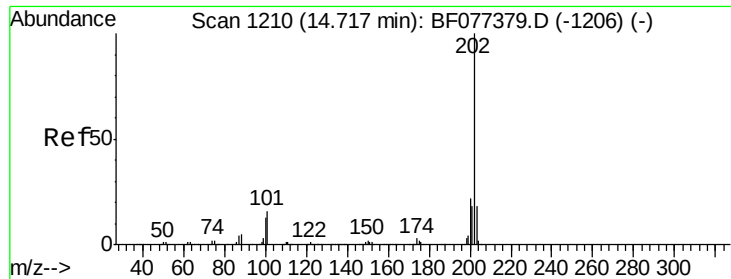
Delta R.T. 0.00 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Tgt Ion:	184	Resp:	284729
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	13.3	9.3	13.9





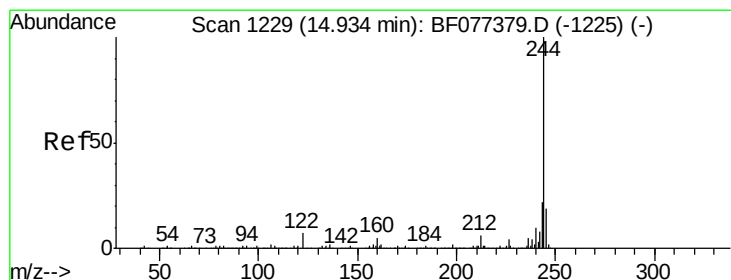
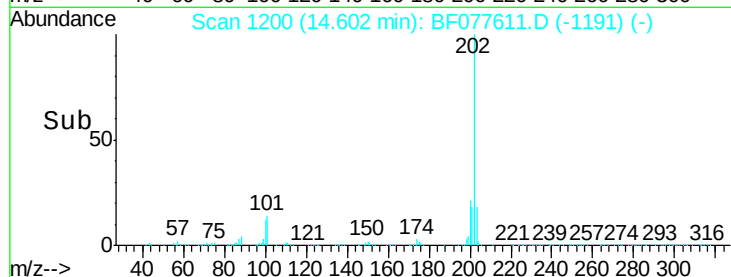
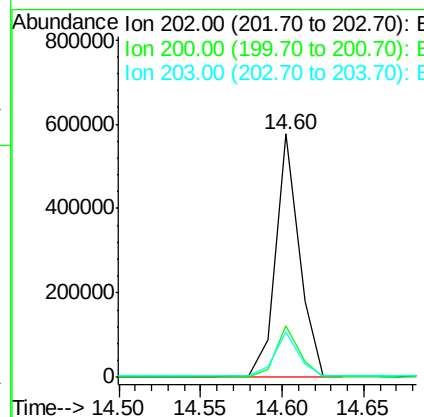
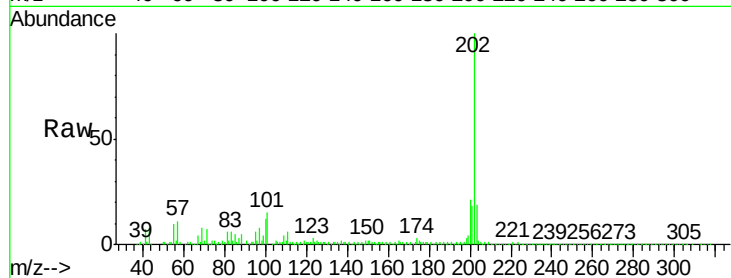
#77
Pyrene
Concen: 24.29 ng
RT: 14.60 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.1	25.7
203	18.8	14.2	21.2

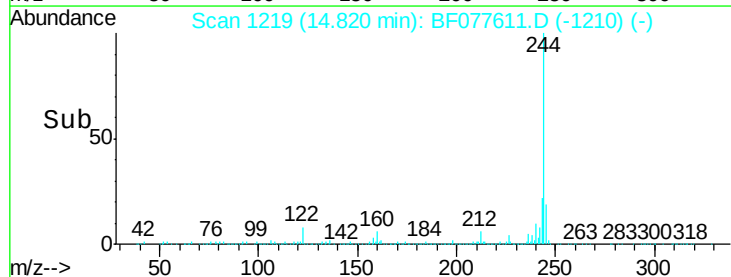
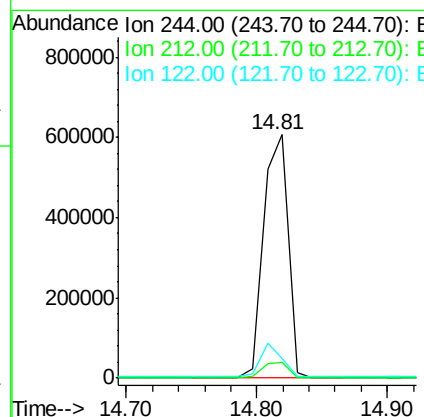
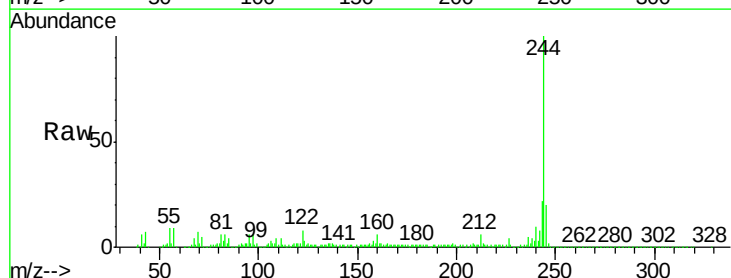
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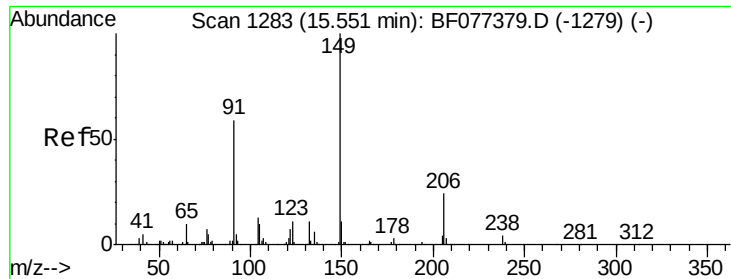
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#78
Terphenyl-d14
Concen: 48.17 ng
RT: 14.81 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.2	7.8
122	8.2	7.8	11.8





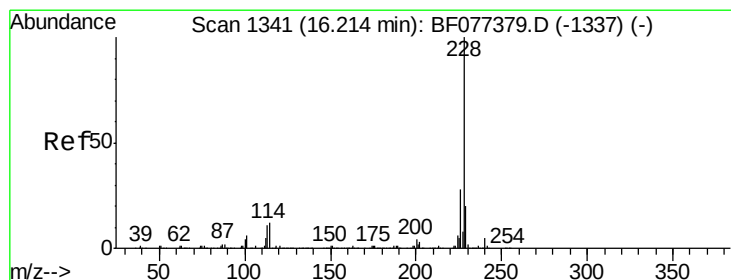
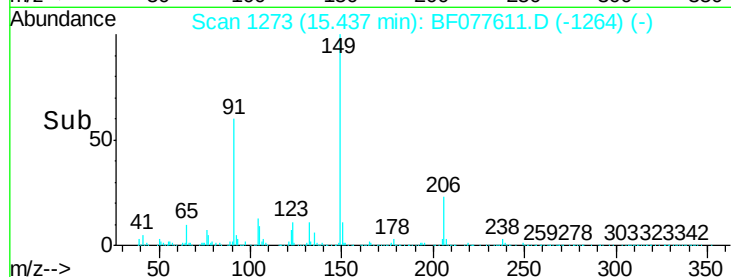
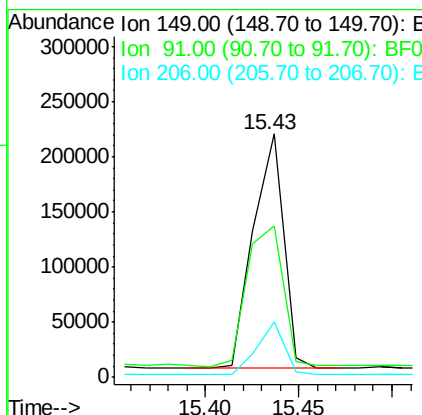
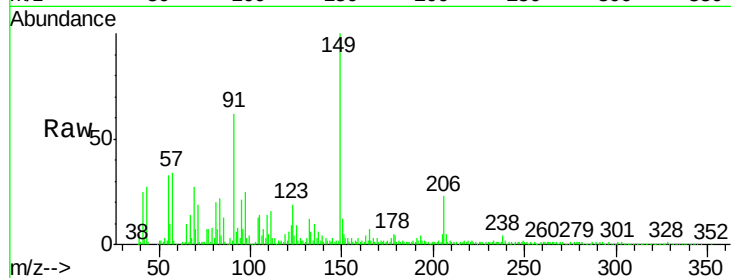
#79
Butylbenzylphthalate
Concen: 24.68 ng
RT: 15.43 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	62.3	51.2	76.8
206	22.9	17.8	26.8

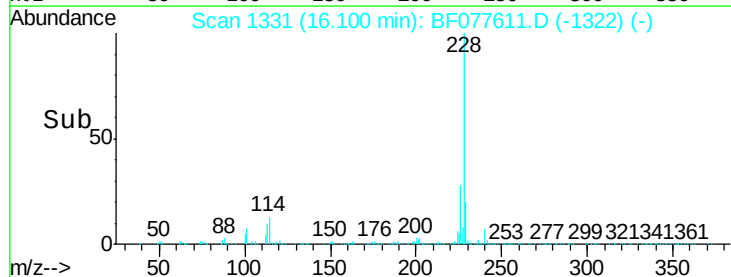
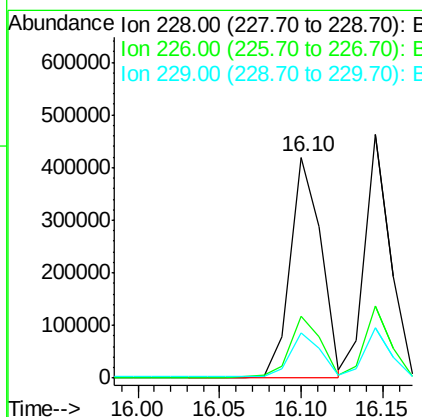
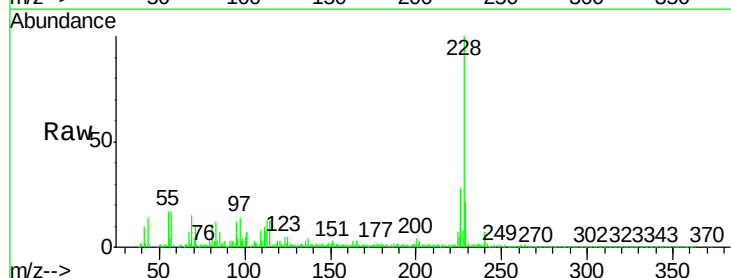
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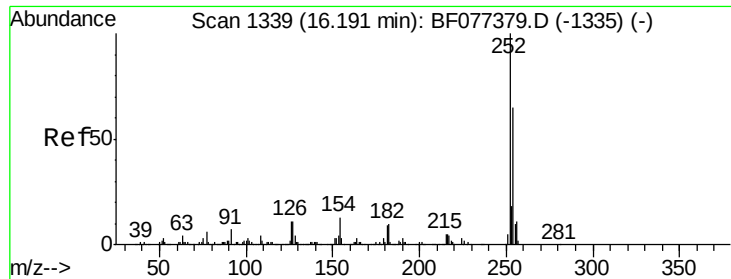
mohammad
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#80
Benzo(a)anthracene
Concen: 24.09 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.0	33.0
229	20.5	15.8	23.8





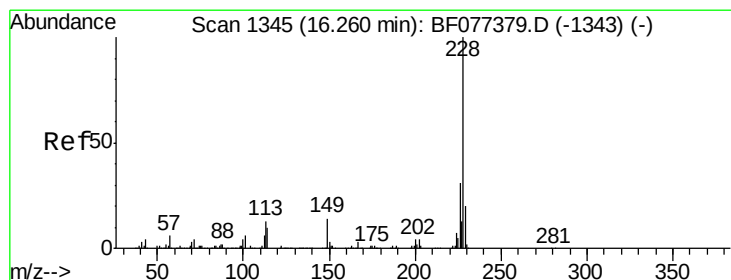
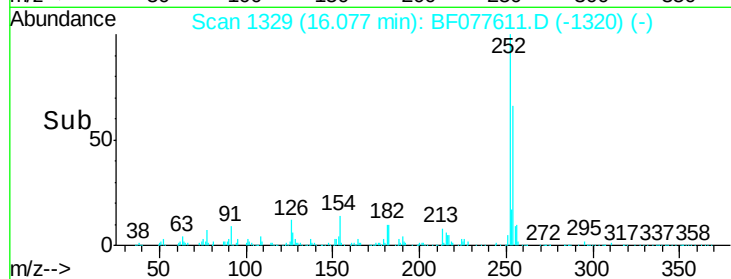
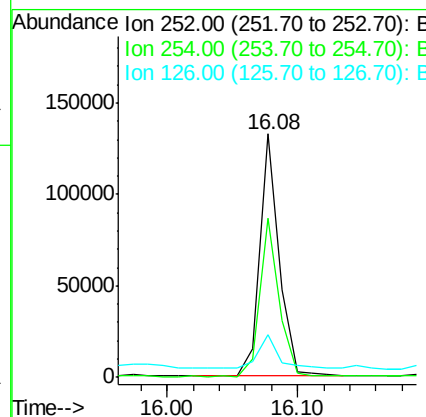
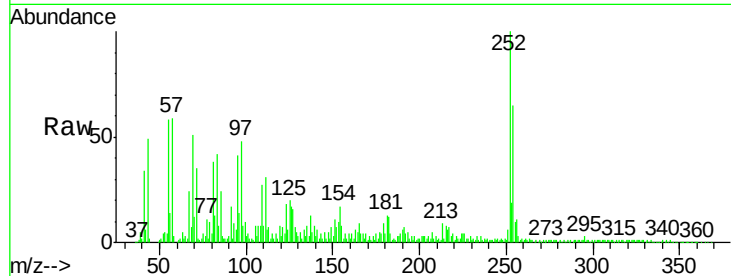
#81
 3,3'-Dichlorobenzidine
 Concen: 16.24 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.4	52.9	79.3
126	17.4	7.3	10.9

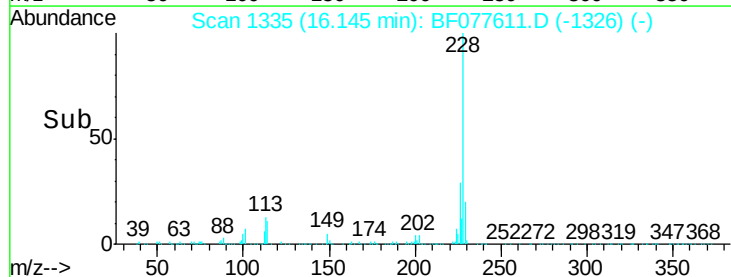
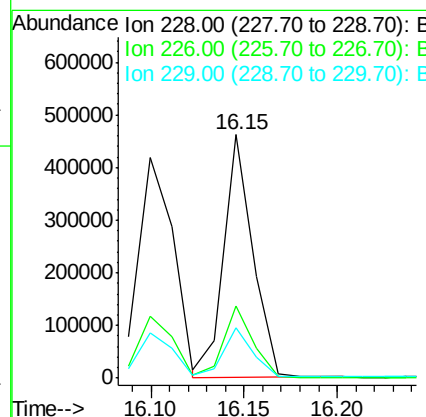
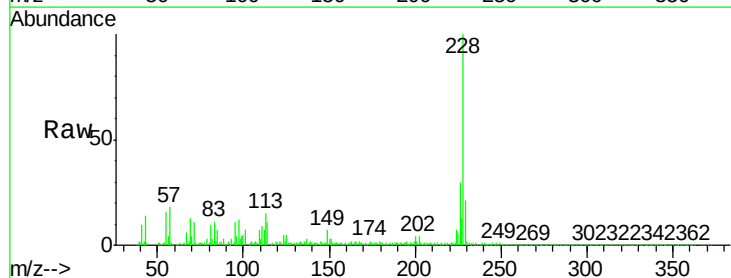
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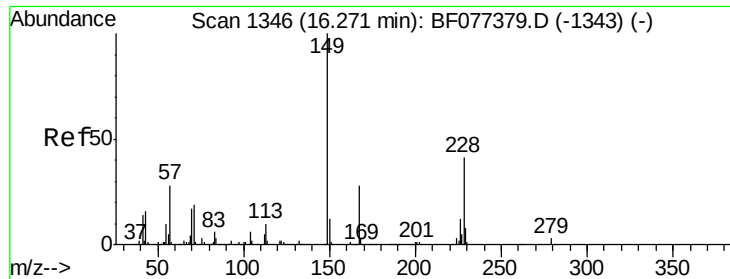
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#82
 Chrysene
 Concen: 23.45 ng
 RT: 16.15 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.6	24.9	37.3
229	20.6	16.4	24.6





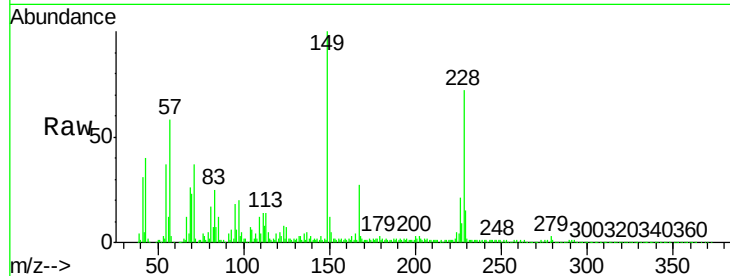
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.83 ng
 RT: 16.16 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

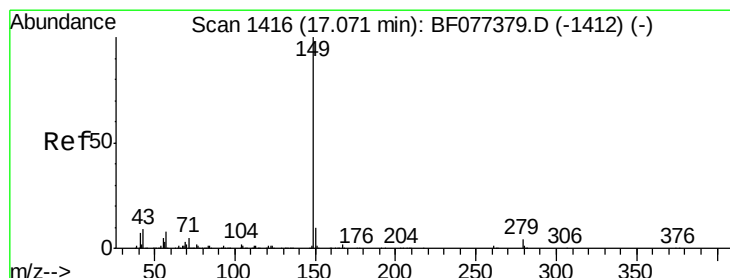
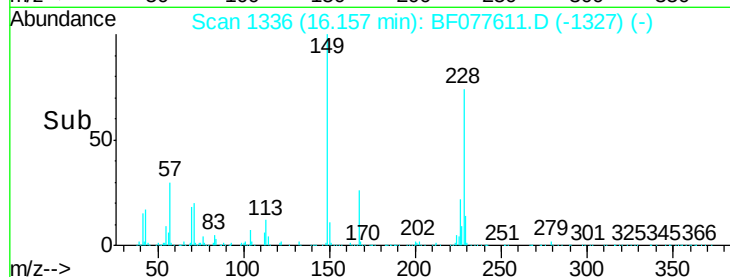
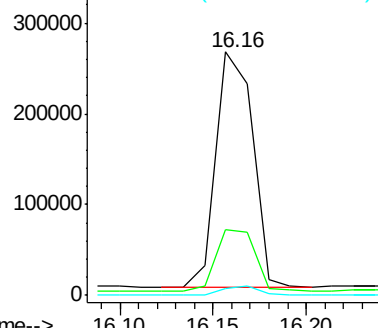
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.9	22.8	34.2
279	2.7	3.8	5.6#

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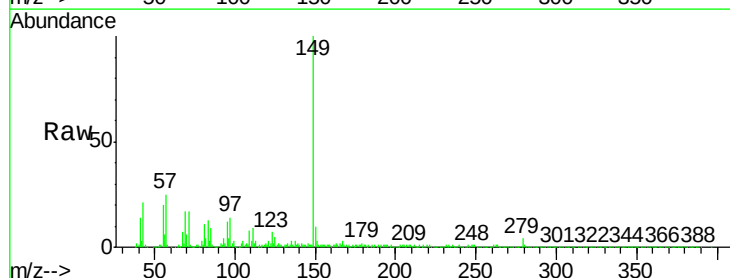


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

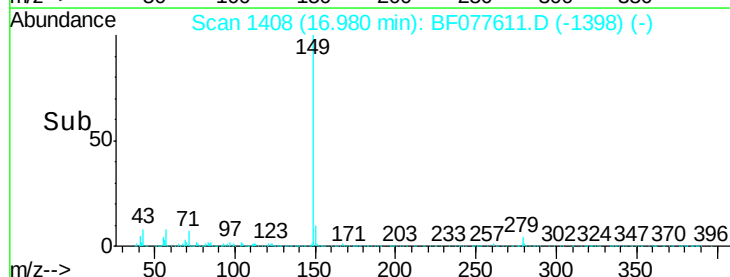
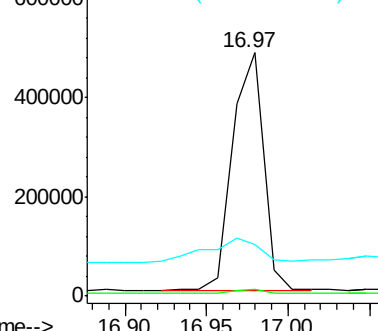


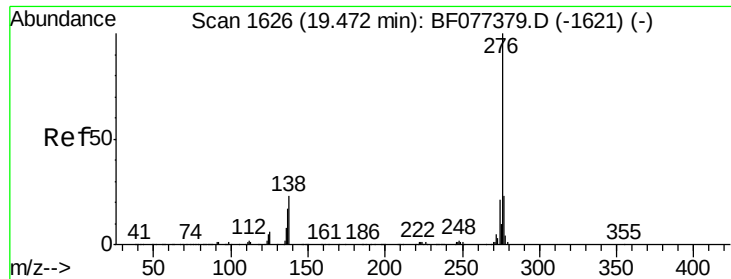
#84
 Di-n-octyl phthalate
 Concen: 24.34 ng
 RT: 16.97 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.3	1.9
43	16.8	8.1	12.1#



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





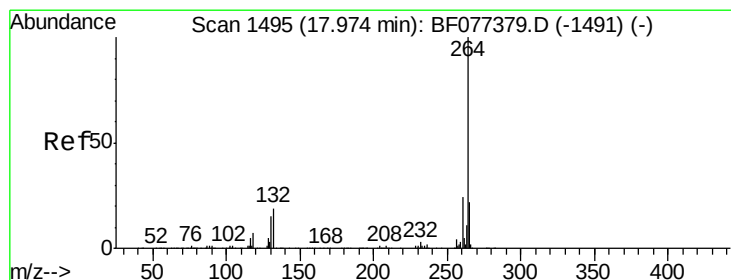
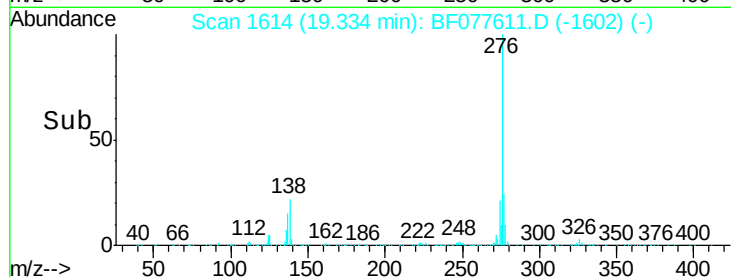
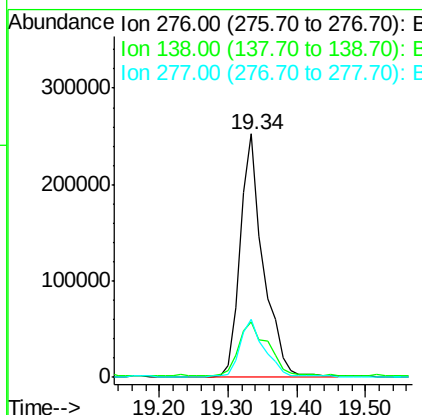
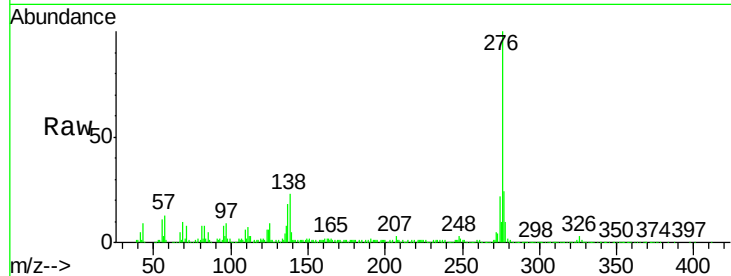
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.93 ng
 RT: 19.34 min Scan# 1614
 Delta R.T. 0.04 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.2	21.2	31.8
277	24.8	20.0	30.0

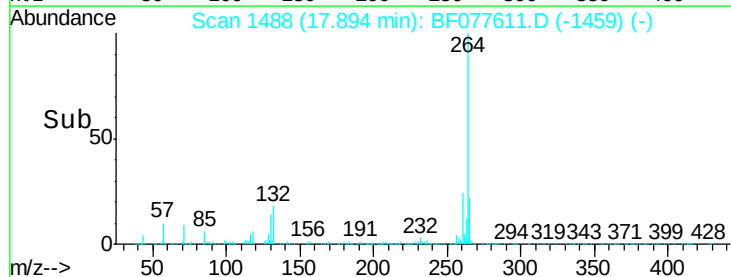
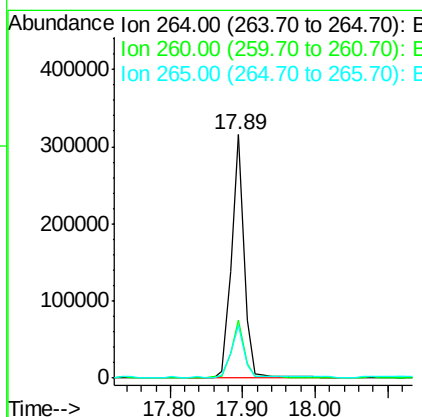
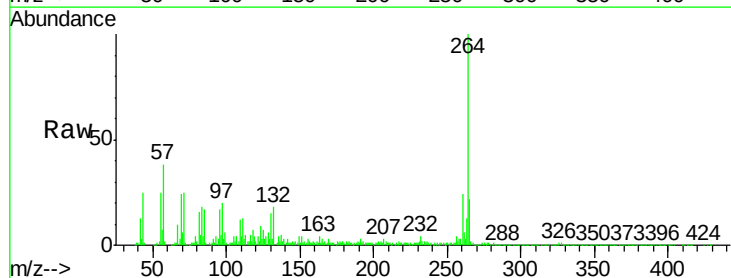
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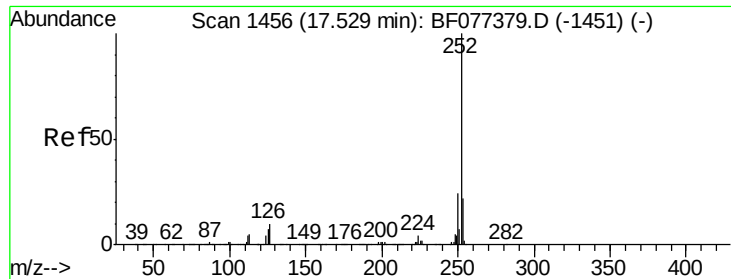
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1488
 Delta R.T. 0.03 min
 Lab File: BF077611.D
 Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.1	19.3	28.9
265	21.9	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 24.22 ng

RT: 17.43 min Scan# 1448

Delta R.T. 0.02 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

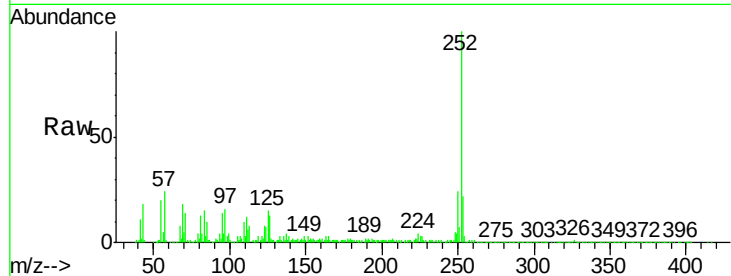
ClientSampled :

VMA-2MS

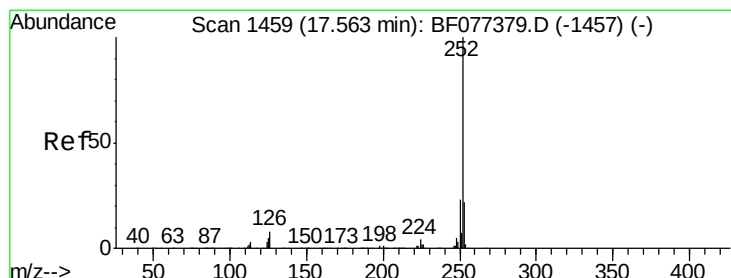
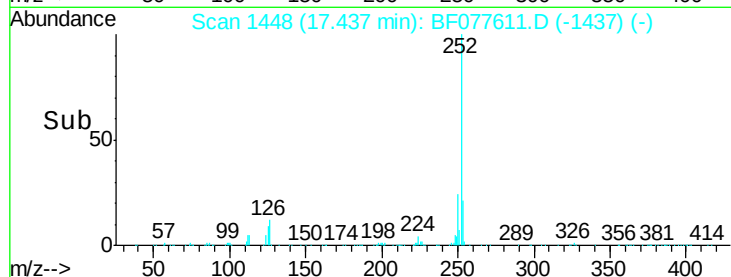
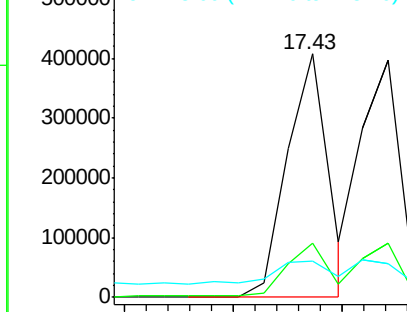
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	14.6	5.4	8.2#

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



#88

Benzo(k)fluoranthene

Concen: 23.87 ng m

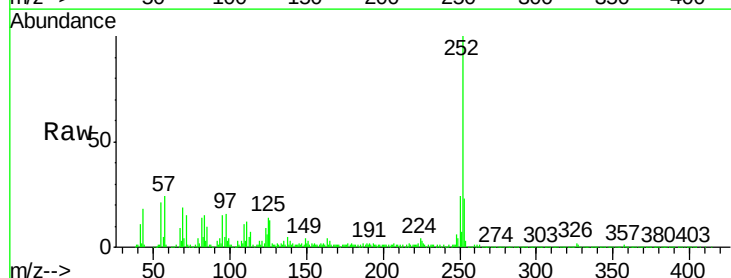
RT: 17.47 min Scan# 1451

Delta R.T. 0.03 min

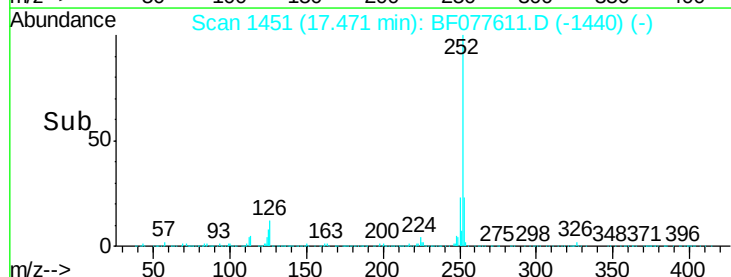
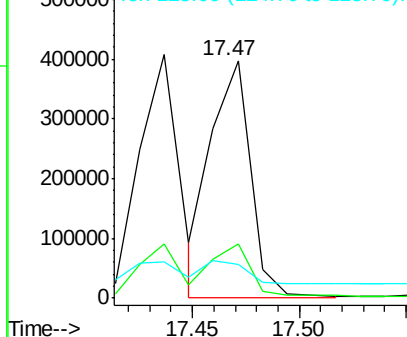
Lab File: BF077611.D

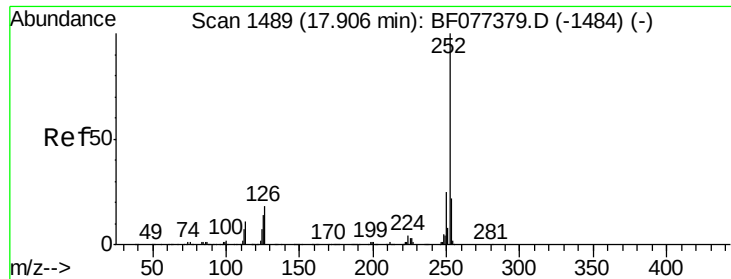
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	14.1	10.1	15.1



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





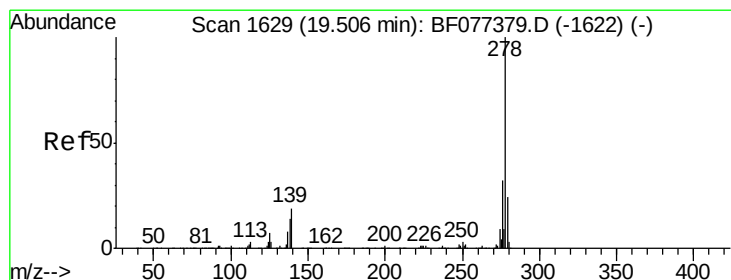
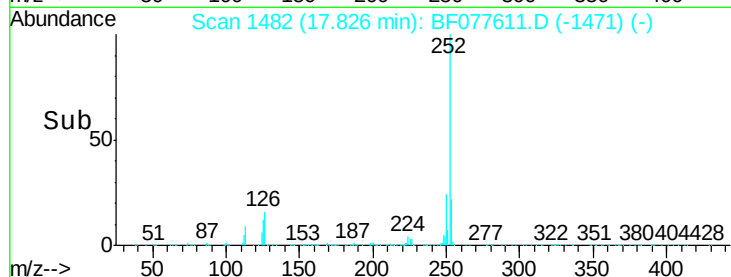
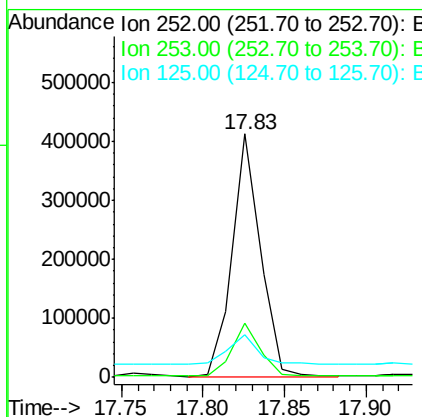
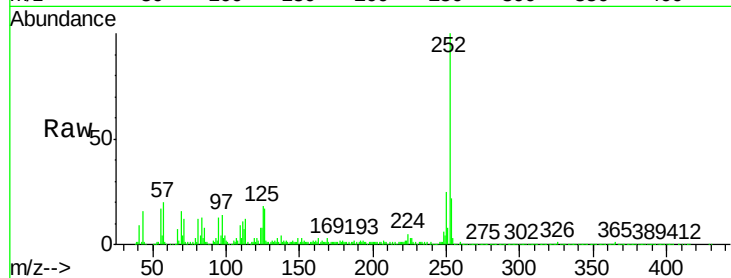
#89
Benzo(a)pyrene
Concen: 23.74 ng
RT: 17.83 min Scan# 1482
Delta R.T. 0.03 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	18.2	27.2
125	17.7	8.3	12.5#

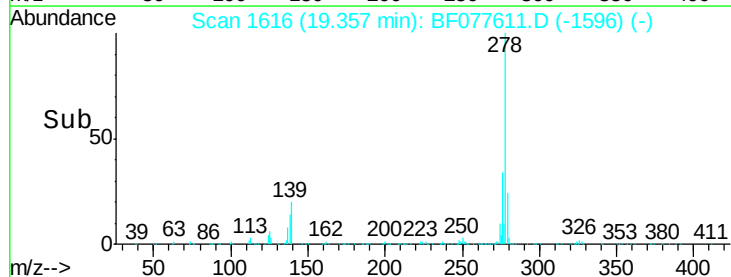
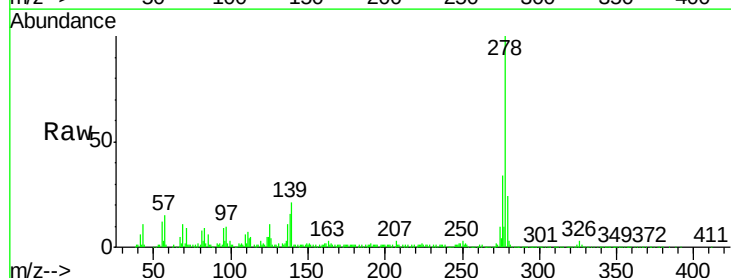
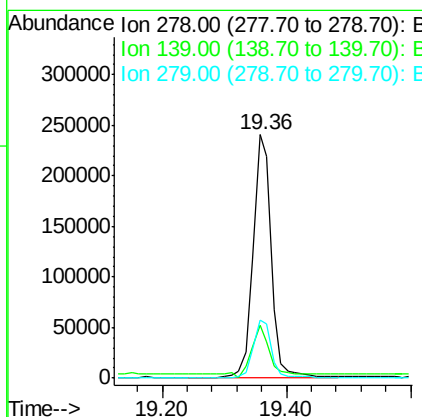
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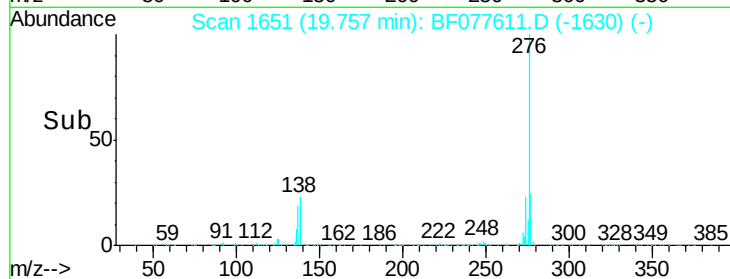
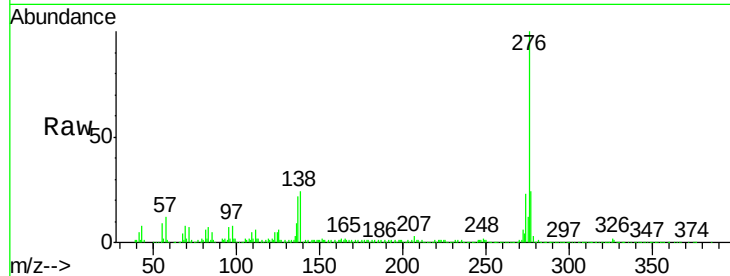
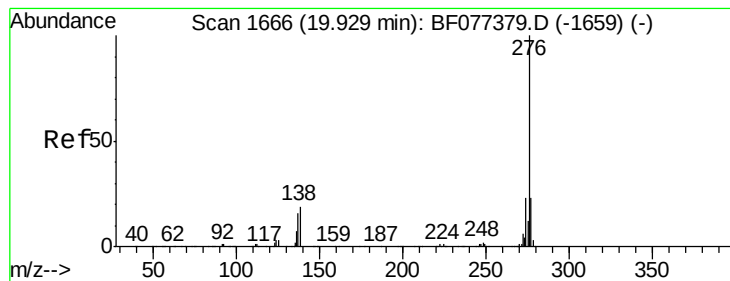
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#90
Dibenzo(a,h)anthracene
Concen: 24.69 ng
RT: 19.36 min Scan# 1616
Delta R.T. 0.04 min
Lab File: BF077611.D
Acq: 5 Mar 2015 7:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	21.5	14.3	21.5#
279	23.9	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 24.06 ng

RT: 19.76 min Scan# 1651

Delta R.T. 0.04 min

Lab File: BF077611.D

Acq: 5 Mar 2015 7:50

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

Tgt	Ion	276	Resp	481313
	Ratio	100	Lower	Upper
276				
277	24.0	18.9	28.3	
138	24.0	20.5	30.7	

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