

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077573.D
 Acq On : 4 Mar 2015 5:16
 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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mohammad
 3/4/2015 4:42:28 PM

Quant Time: Mar 04 08:06:29 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 04:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	90053	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	362166	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	193048	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	367384	20.00	ng	0.00
75) Chrysene-d12	16.12	240	374001	20.00	ng	0.00
86) Perylene-d12	17.81	264	376987	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	425019	78.79	ng	0.00
7) Phenol-d6	6.80	99	526029	75.84	ng	0.00
23) Nitrobenzene-d5	7.93	82	314894	54.07	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	141884	76.33	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	638884	51.60	ng	0.00
78) Terphenyl-d14	14.83	244	752244	47.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	49661	21.70	ng	98
3) Pyridine	2.93	79	126119	19.26	ng	95
4) n-Nitrosodimethylamine	2.83	42	67163	23.59	ng	97
6) Aniline	6.82	93	85137	8.88	ng	99
8) 2-Chlorophenol	6.97	128	155995	24.51	ng	94
9) Benzaldehyde	6.68	77	28188	6.69	ng	95
10) Phenol	6.82	94	196038	23.82	ng	84
11) bis(2-Chloroethyl)ether	6.93	93	132523	22.41	ng	87
12) 1,3-Dichlorobenzene	7.16	146	161718	23.34	ng	# 90
13) 1,4-Dichlorobenzene	7.26	146	163050	23.13	ng	96
14) 1,2-Dichlorobenzene	7.44	146	156419	23.33	ng	96
15) Benzyl Alcohol	7.42	79	122022	23.14	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	191696	22.68	ng	96
17) 2-Methylphenol	7.56	107	119290	23.98	ng	96
18) Hexachloroethane	7.86	117	55053	23.38	ng	92
19) n-Nitroso-di-n-propylamine	7.75	70	103479	23.49	ng	92
20) 3+4-Methylphenols	7.76	107	153642	23.45	ng	# 75
22) Acetophenone	7.74	105	211020	24.77	ng	# 87
24) Nitrobenzene	7.95	77	153311	25.02	ng	88
25) Isophorone	8.25	82	269019	23.28	ng	# 93
26) 2-Nitrophenol	8.35	139	66540	26.50	ng	# 84
27) 2,4-Dimethylphenol	8.41	122	131630	23.43	ng	98
28) bis(2-Chloroethoxy)methane	8.53	93	169888	23.27	ng	99
29) 2,4-Dichlorophenol	8.64	162	123090	23.34	ng	100
30) 1,2,4-Trichlorobenzene	8.75	180	130722	22.54	ng	96
31) Naphthalene	8.84	128	442214	24.42	ng	99
32) Benzoic acid	8.50	122	64247	23.53	ng	99
33) 4-Chloroaniline	8.92	127	75606	9.39	ng	# 90
34) Hexachlorobutadiene	9.00	225	72276	21.83	ng	97
35) Caprolactam	9.34	113	38190	23.72	ng	97
36) 4-Chloro-3-methylphenol	9.52	107	125381	23.65	ng	88
37) 2-Methylnaphthalene	9.70	142	301591	23.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	131901	23.81	ng	99
40) Hexachlorocyclopentadiene	9.89	237	86277	29.05	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 04:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	90414	24.65	ng	95
43) 2,4,5-Trichlorophenol	10.10	196	99410	25.34	ng	98
45) 1,1'-Biphenyl	10.28	154	351092	24.01	ng	98
46) 2-Chloronaphthalene	10.30	162	286295	24.96	ng	95
47) 2-Nitroaniline	10.43	65	78973	27.97	ng	90
48) Acenaphthylene	10.81	152	444487	24.48	ng	100
49) Dimethylphthalate	10.67	163	338534	24.95	ng	99
50) 2,6-Dinitrotoluene	10.74	165	66927	24.59	ng	# 53
51) Acenaphthene	11.03	154	257049	23.72	ng	99
52) 3-Nitroaniline	10.94	138	62088	19.79	ng	82
53) 2,4-Dinitrophenol	11.08	184	21565	26.04	ng	90
54) Dibenzofuran	11.24	168	388819	23.24	ng	97
55) 4-Nitrophenol	11.16	139	135105	53.54	ng	89
56) 2,4-Dinitrotoluene	11.24	165	93827	25.52	ng	# 91
57) Fluorene	11.67	166	325848	24.36	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.40	232	77638	24.62	ng	# 98
59) Diethylphthalate	11.55	149	313008	23.40	ng	97
60) 4-Chlorophenyl-phenylether	11.68	204	143120	22.21	ng	# 90
61) 4-Nitroaniline	11.69	138	72092	23.97	ng	90
62) Azobenzene	11.87	77	306309	24.13	ng	95
64) 4,6-Dinitro-2-methylphenol	11.74	198	17847	14.95	ng	# 24
65) n-Nitrosodiphenylamine	11.83	169	290549	23.84	ng	99
66) 4-Bromophenyl-phenylether	12.28	248	89800	20.87	ng	93
67) Hexachlorobenzene	12.34	284	97097	21.03	ng	# 91
68) Atrazine	12.50	200	85464	21.57	ng	97
69) Pentachlorophenol	12.60	266	107691	44.37	ng	99
70) Phenanthrene	12.86	178	506082	23.77	ng	99
71) Anthracene	12.92	178	474569	22.46	ng	100
72) Carbazole	13.13	167	459010	22.85	ng	99
73) Di-n-butylphthalate	13.58	149	481990	20.43	ng	99
74) Fluoranthene	14.34	202	536267	23.06	ng	99
76) Benzidine	14.52	184	225935	17.88	ng	97
77) Pyrene	14.62	202	551352	24.10	ng	98
79) Butylbenzylphthalate	15.45	149	205907	21.88	ng	92
80) Benzo(a)anthracene	16.11	228	519126	23.68	ng	99
81) 3,3'-Dichlorobenzidine	16.09	252	120794	15.04	ng	# 99
82) Chrysene	16.15	228	485923	23.61	ng	98
83) Bis(2-ethylhexyl)phthalate	16.17	149	276281	18.31	ng	# 97
84) Di-n-octyl phthalate	16.94	149	475509	18.87	ng	# 86
85) Indeno(1,2,3-cd)pyrene	19.25	276	565105	24.08	ng	99
87) Benzo(b)fluoranthene	17.38	252	517652	23.61	ng	# 96
88) Benzo(k)fluoranthene	17.40	252	482296m	22.45	ng	
89) Benzo(a)pyrene	17.75	252	487545	23.35	ng	# 96
90) Dibenzo(a,h)anthracene	19.28	278	453320	22.77	ng	99
91) Benzo(g,h,i)perylene	19.67	276	486173	24.19	ng	100

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



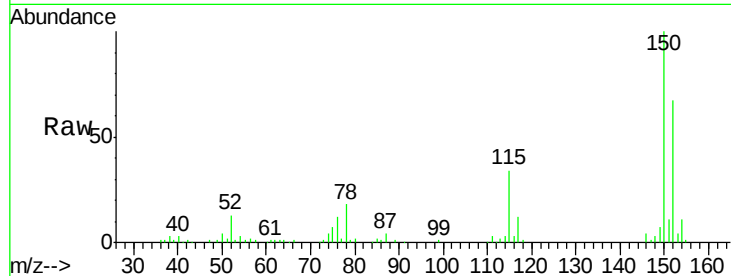
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.24 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

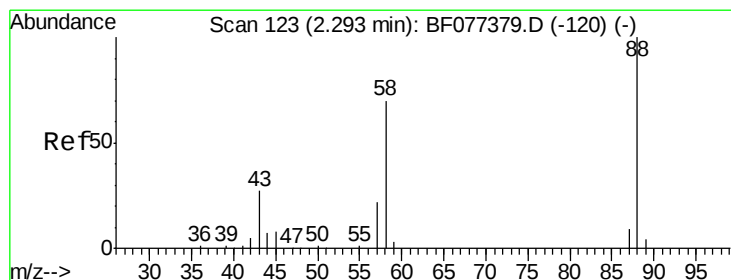
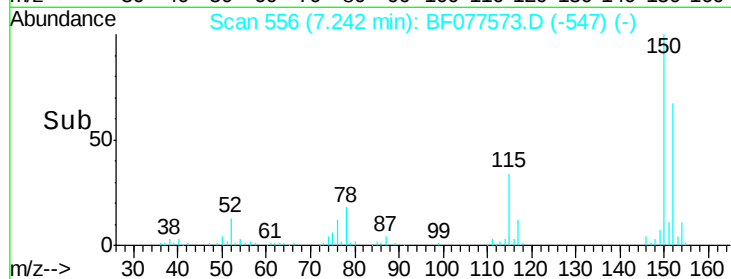
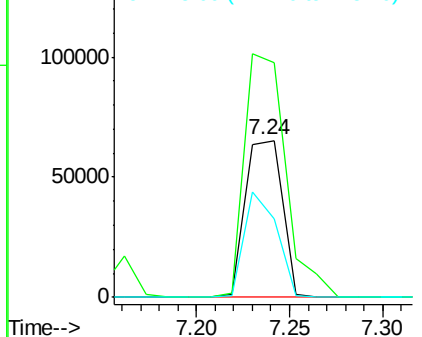
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.0	124.0	186.0
115	50.2	49.4	74.2

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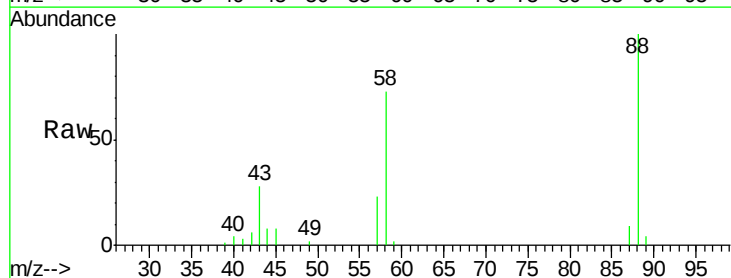


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

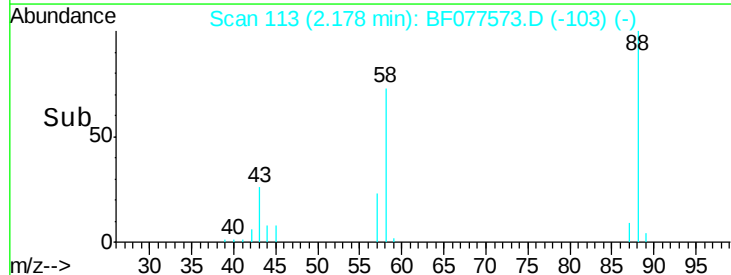
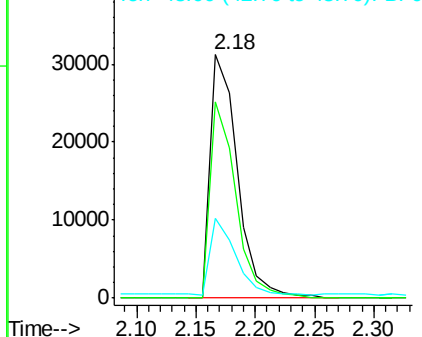


#2
 1,4-Dioxane
 Concen: 21.70 ng
 RT: 2.18 min Scan# 113
 Delta R.T. 0.02 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	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: 19.26 ng

RT: 2.93 min Scan# 179

Delta R.T. 0.04 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

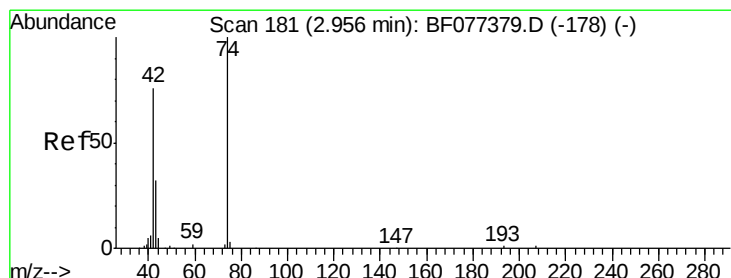
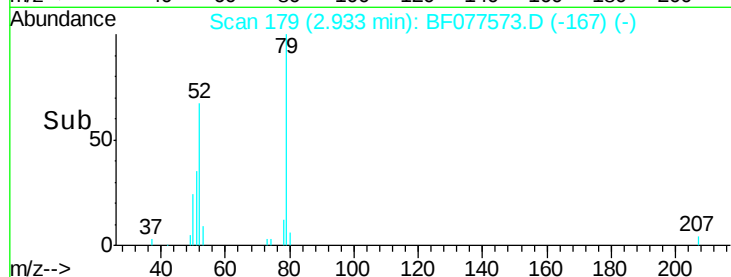
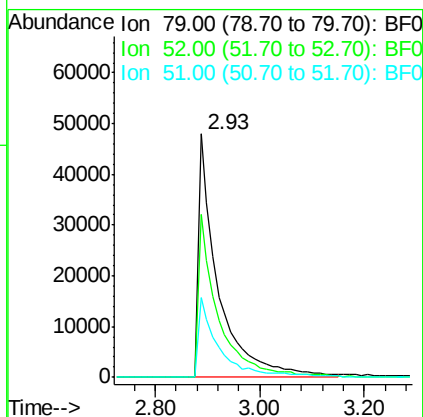
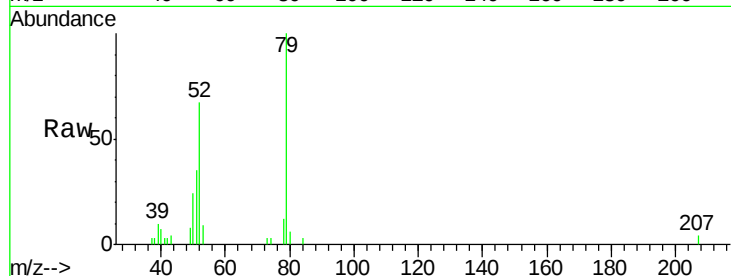
ClientSampleId :

VMA-2MS

Tgt Ion:	79	Resp:	126119
Ion Ratio	Lower	Upper	
79	100		
52	66.6	57.7	86.5
51	34.6	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 23.59 ng

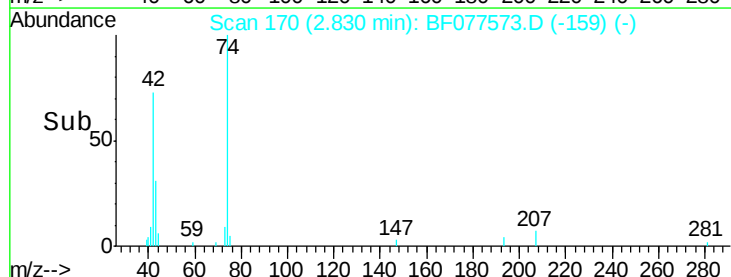
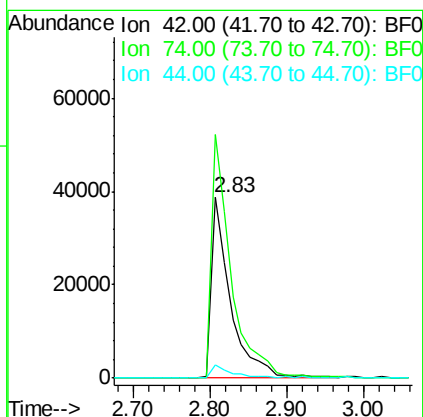
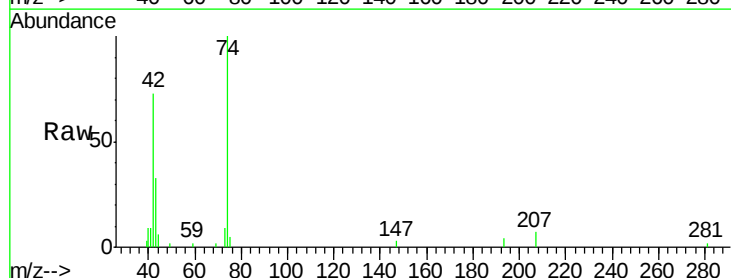
RT: 2.83 min Scan# 170

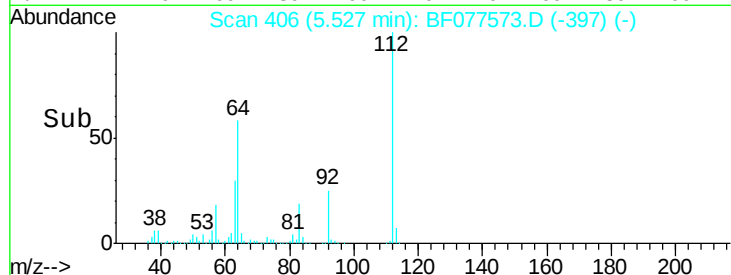
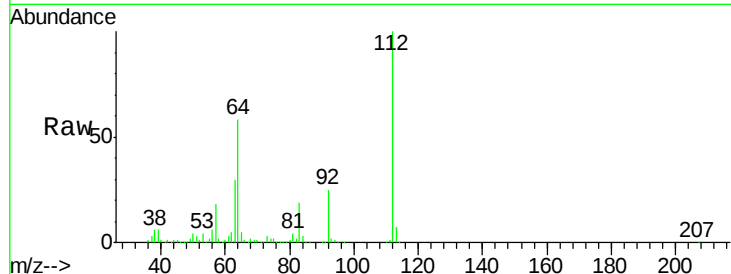
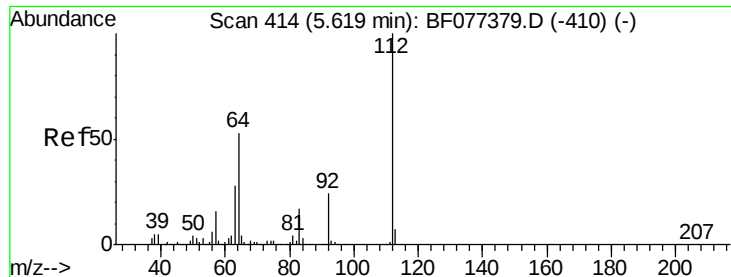
Delta R.T. 0.02 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	42	Resp:	67163
Ion Ratio	Lower	Upper	
42	100		
74	137.6	107.1	160.7
44	7.9	6.7	10.1





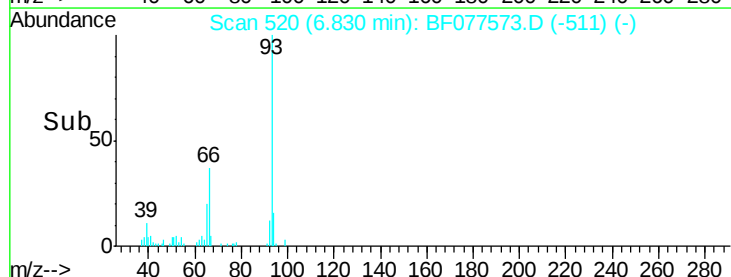
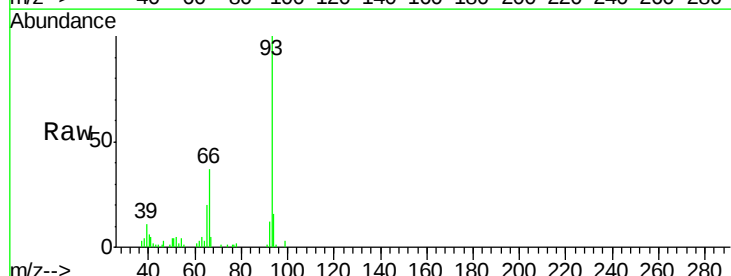
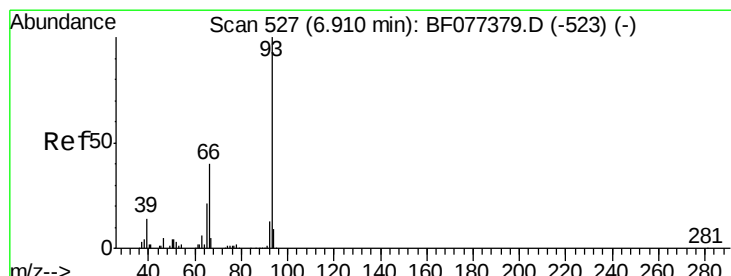
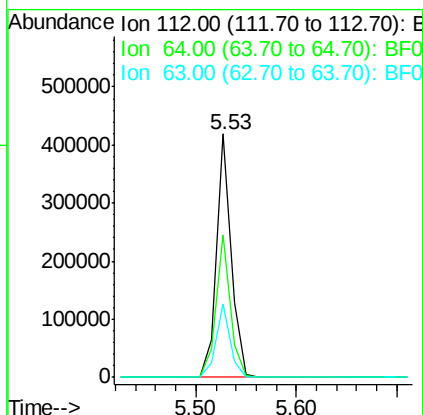
#5
2-Fluorophenol
Concen: 78.79 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	425019		
64	58.4	48.5	72.7	
63	30.2	25.0	37.4	

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

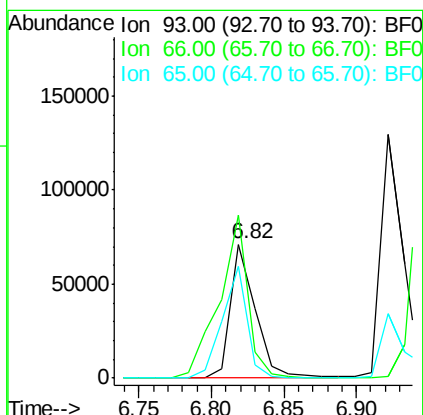
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#6
Aniline
Concen: 8.88 ng
RT: 6.82 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	85137		
66	36.7	29.1	43.7	
65	19.8	14.6	22.0	





#7

Phenol-d6

Concen: 75.84 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

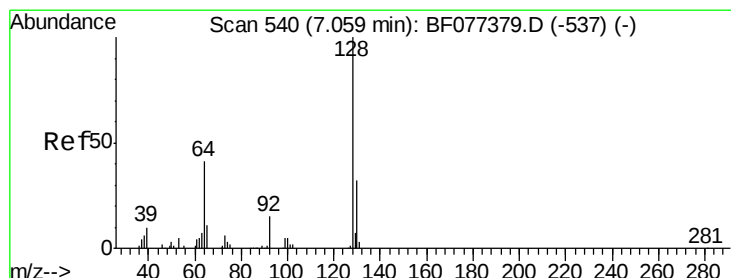
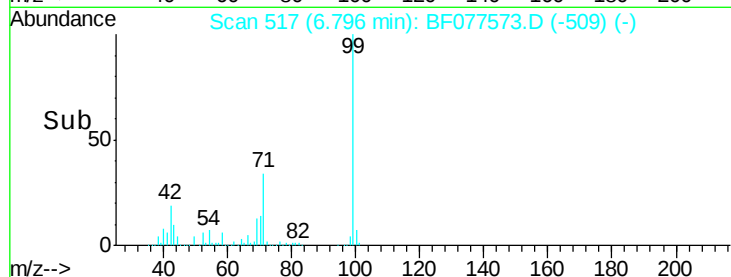
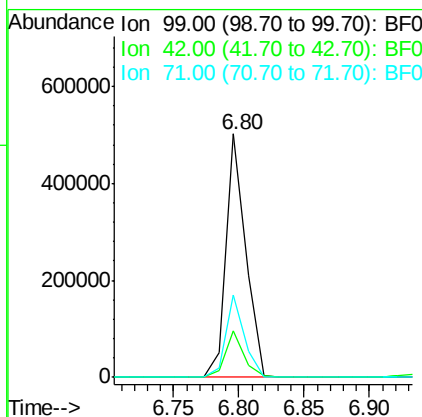
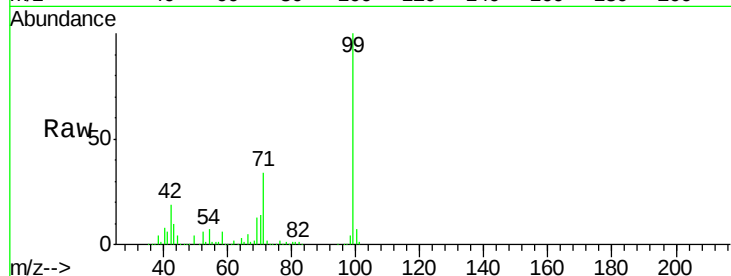
ClientSampleId :

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Tgt Ion:	99	Resp:	526029
Ion Ratio	Lower	Upper	
99	100		
42	19.2	16.2	24.4
71	33.9	26.7	40.1

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#8

2-Chlorophenol

Concen: 24.51 ng

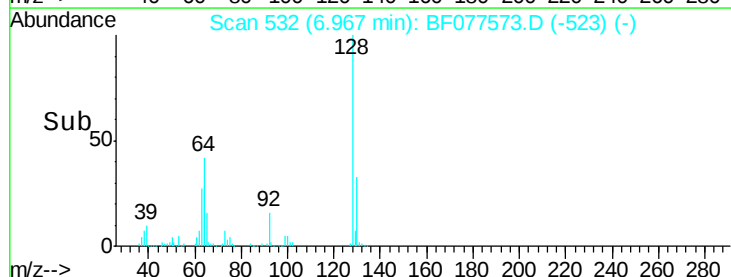
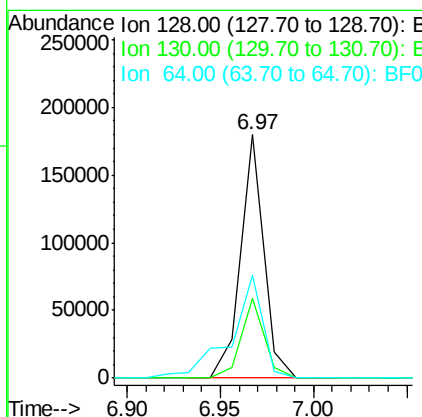
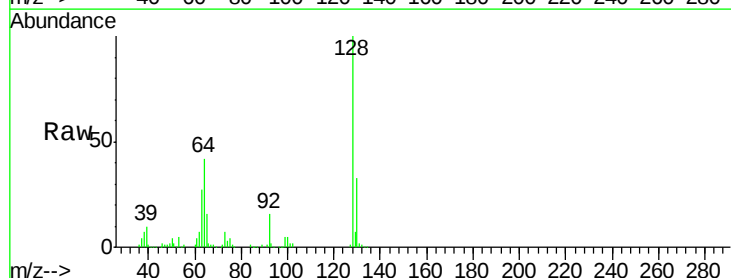
RT: 6.97 min Scan# 532

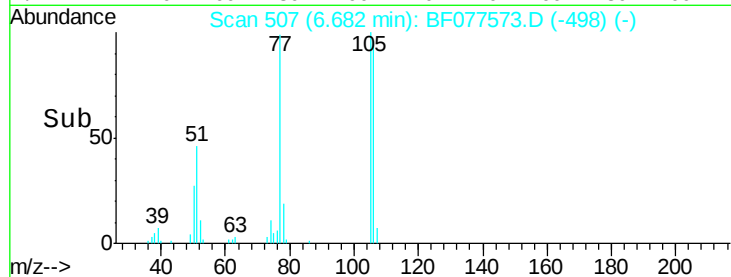
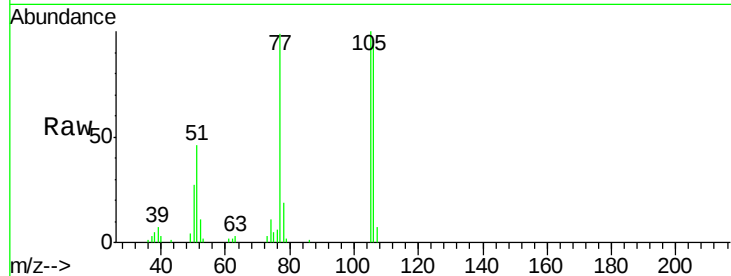
Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	128	Resp:	155995
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.0	52.0
64	42.4	29.2	69.2





#9

Benzaldehyde

Concen: 6.69 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

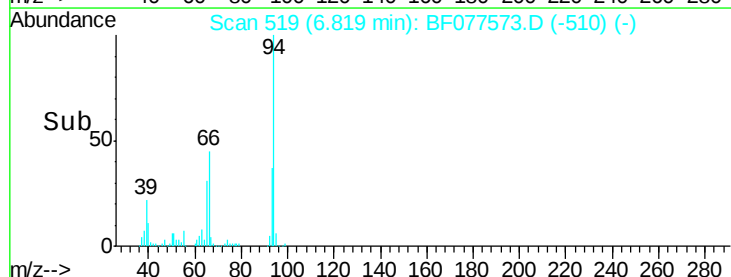
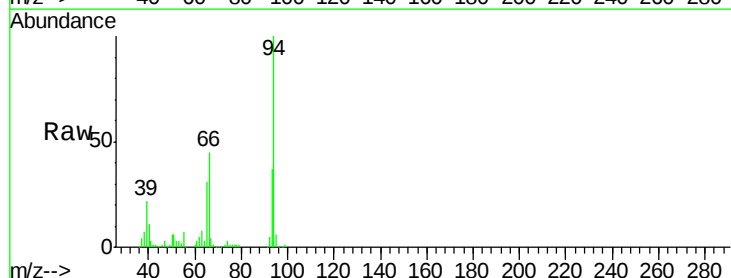
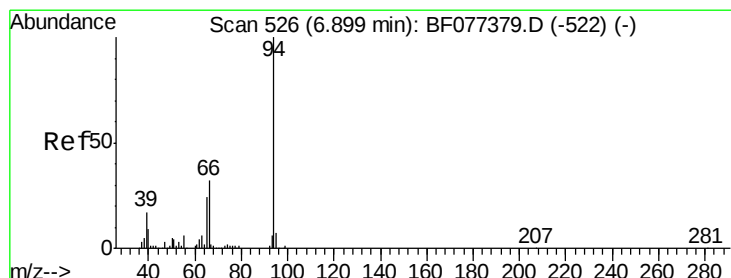
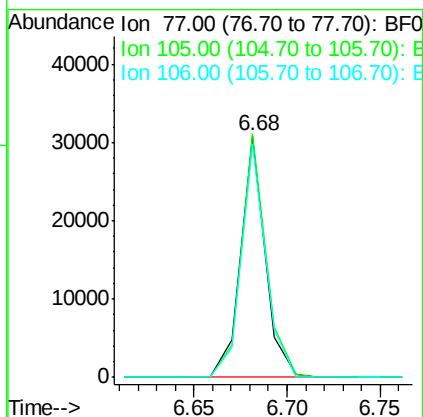
ClientSampleId :

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Tgt Ion:	77	Resp:	28188
Ion Ratio	Lower	Upper	
77	100		
105	100.9	85.9	125.9
106	96.7	82.9	122.9



#10

Phenol

Concen: 23.82 ng

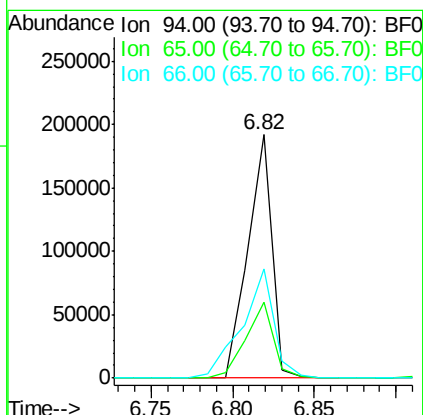
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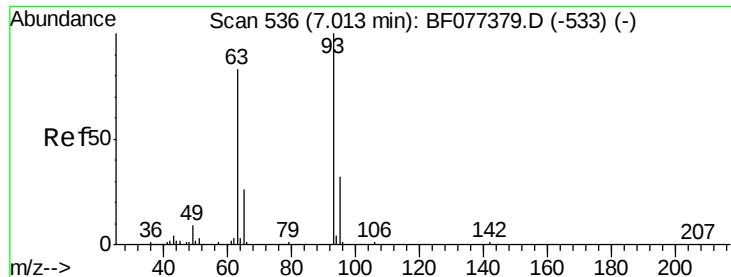
Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	94	Resp:	196038
Ion Ratio	Lower	Upper	
94	100		
65	30.9	5.7	45.7
66	45.0	13.6	53.6





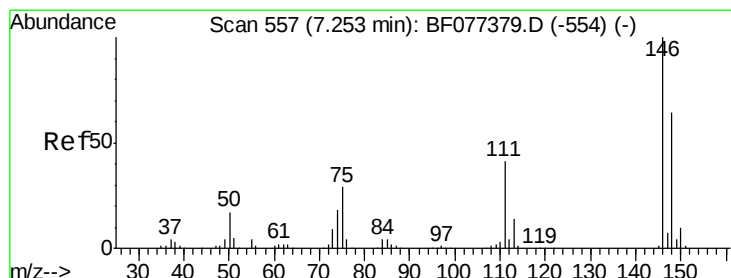
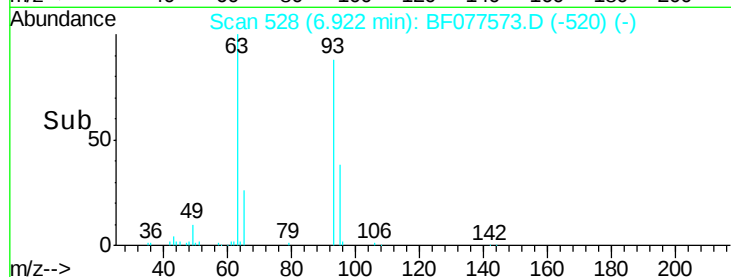
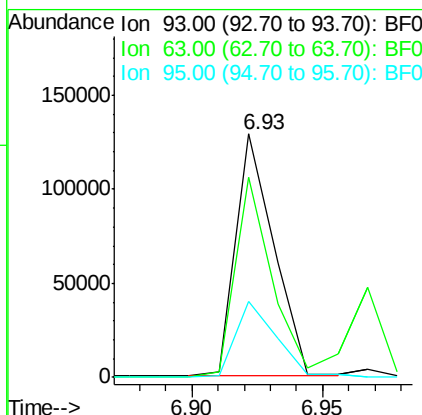
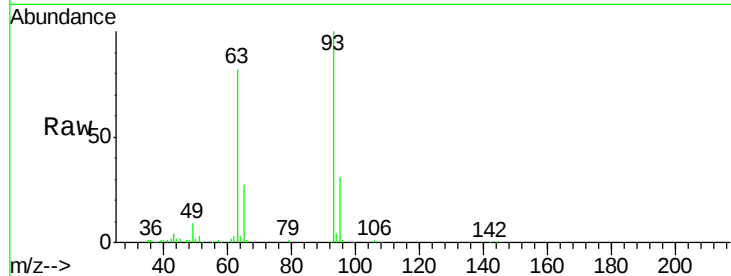
#11
bis(2-Chloroethyl)ether
Concen: 22.41 ng
RT: 6.93 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	132523		
63	82.2	48.7	88.7	
95	31.0	13.6	53.6	

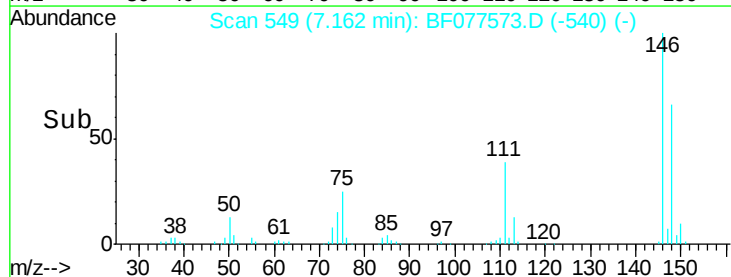
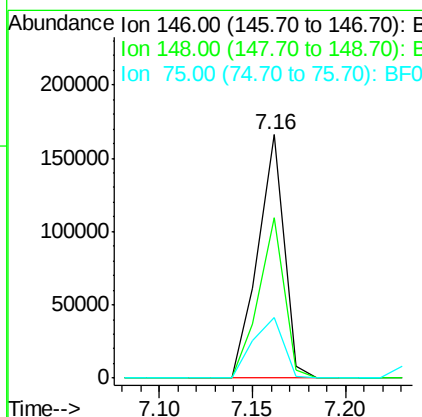
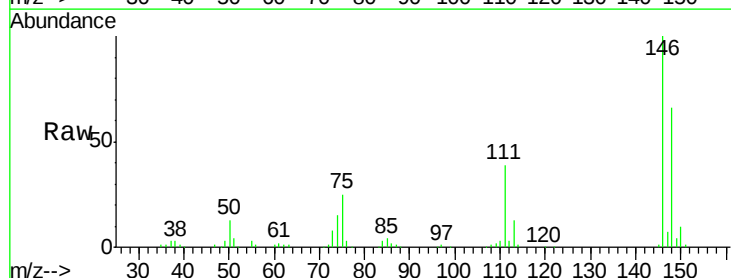
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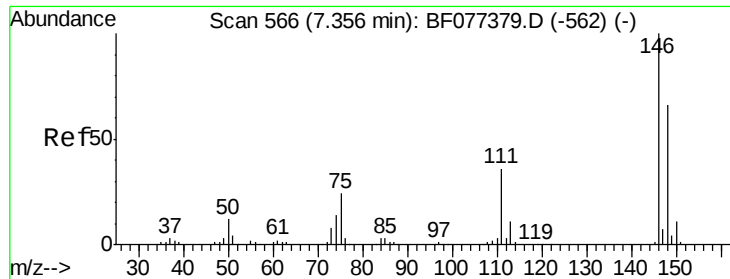
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#12
1,3-Dichlorobenzene
Concen: 23.34 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	161718		
148	66.1	49.8	74.8	
75	25.1	28.2	42.4	





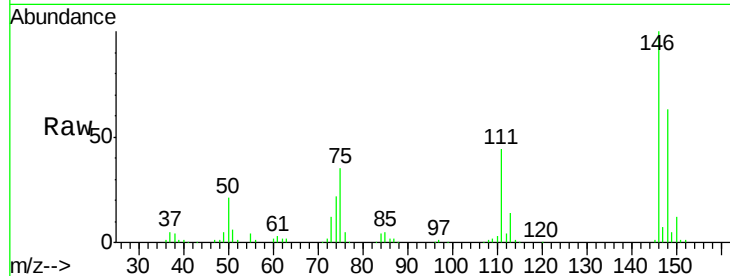
#13
 1,4-Dichlorobenzene
 Concen: 23.13 ng
 RT: 7.26 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

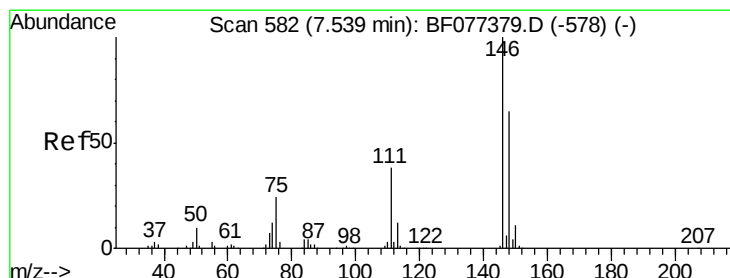
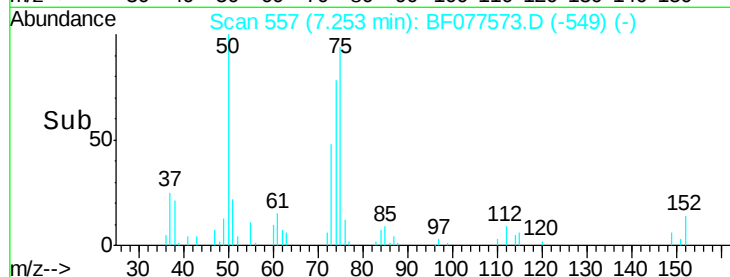
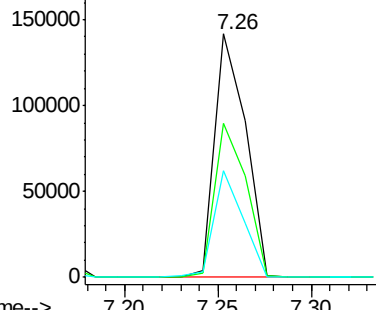
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	163050		
148	63.5	52.0	78.0	
111	43.8	31.9	47.9	

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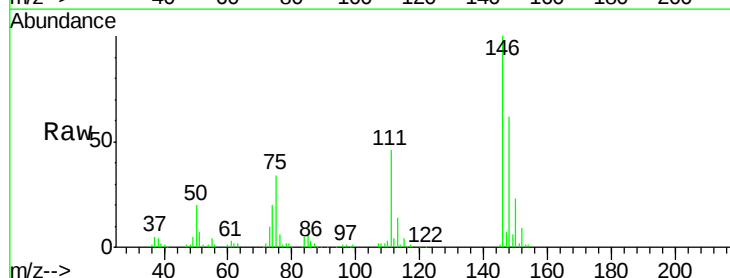


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

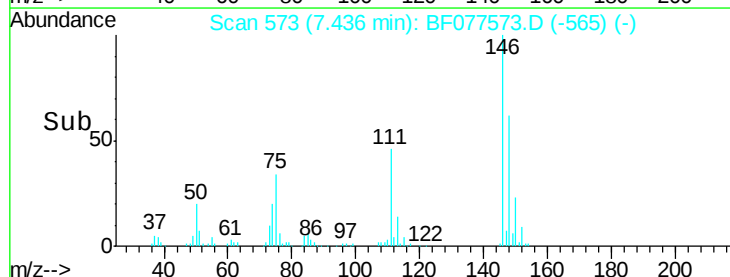
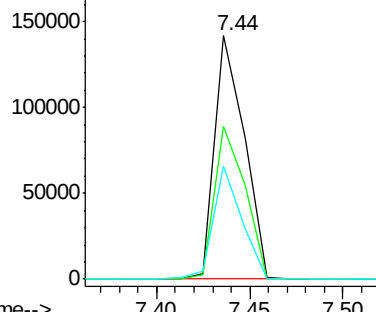


#14
 1,2-Dichlorobenzene
 Concen: 23.33 ng
 RT: 7.44 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	156419		
148	62.5	51.6	77.4	
111	46.2	34.2	51.2	



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





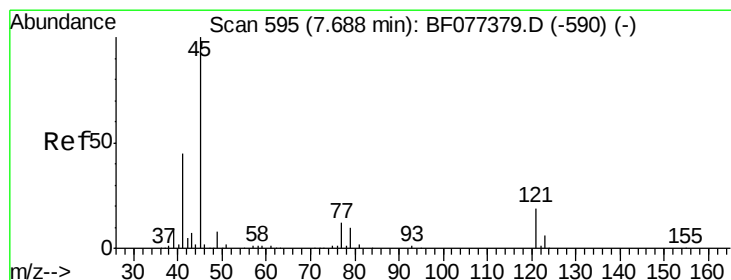
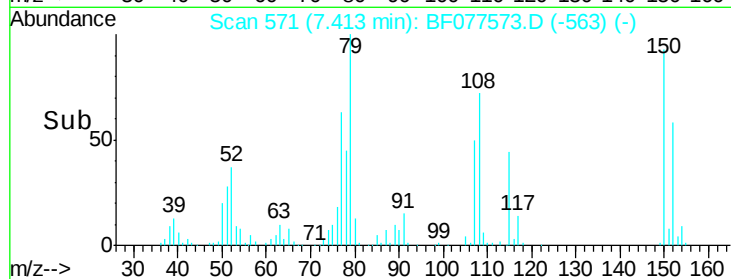
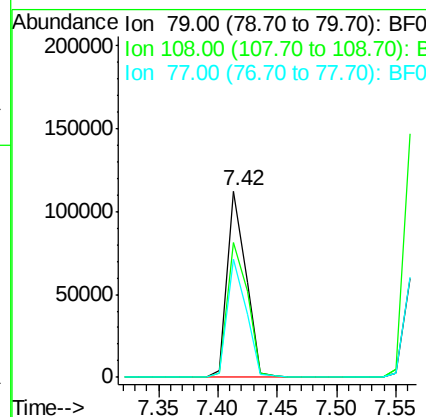
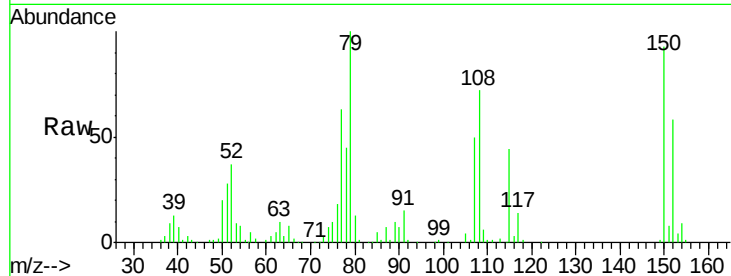
#15
Benzyl Alcohol
Concen: 23.14 ng
RT: 7.42 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.3	58.3	87.5
77	63.3	51.3	76.9

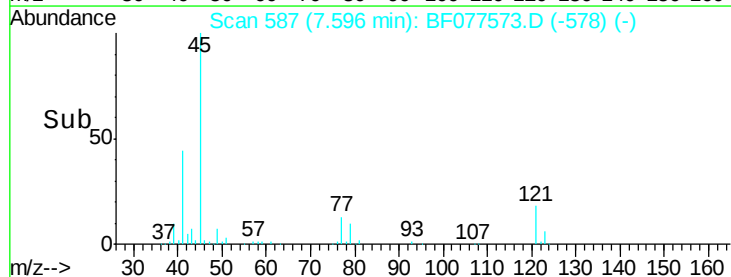
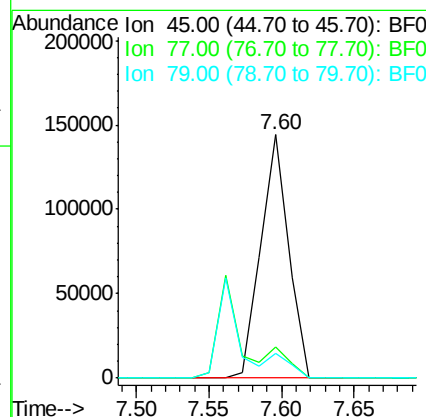
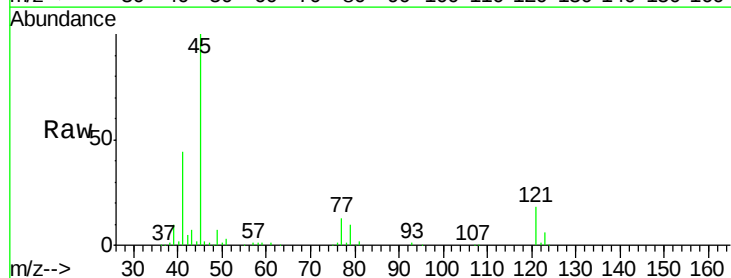
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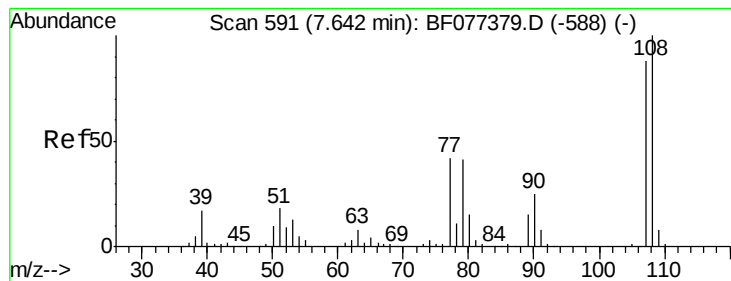
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.68 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	34.6
79	10.0	0.0	31.5





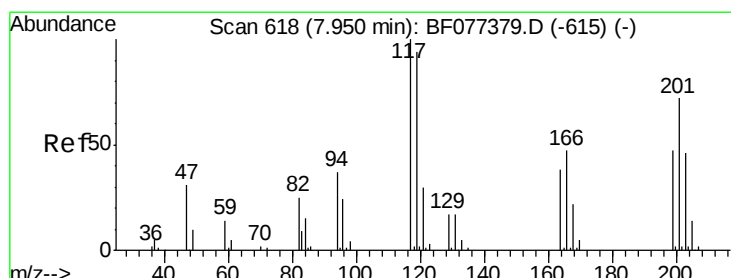
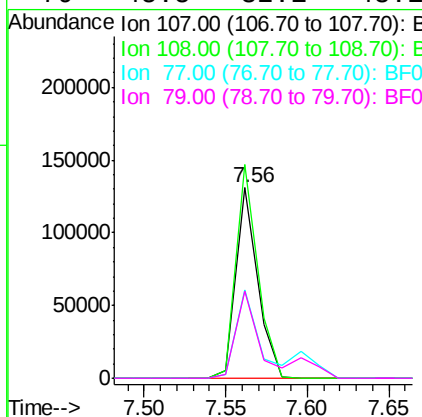
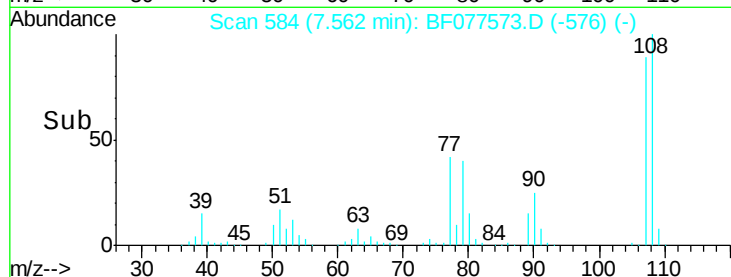
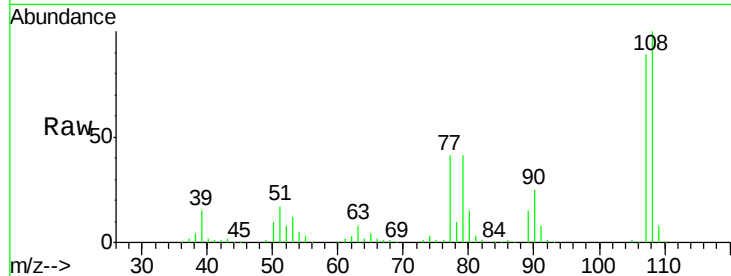
#17
2-Methylphenol
Concen: 23.98 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	119290		
108	108.00	112.3	91.2	136.8	
77	77.00	46.5	33.6	50.4	
79	79.00	45.5	32.1	48.1	

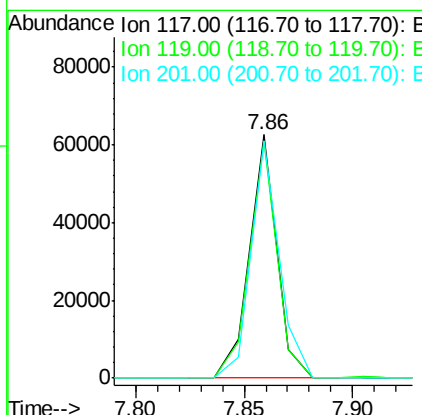
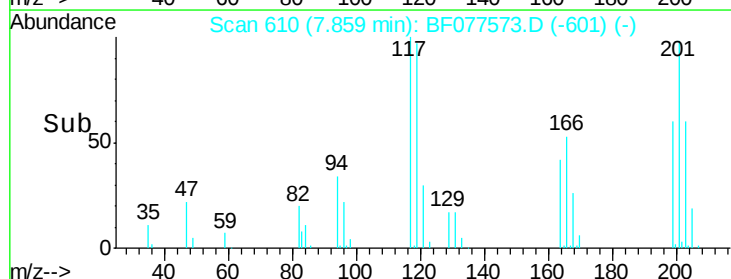
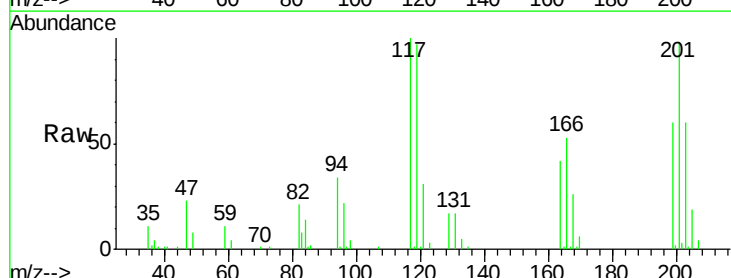
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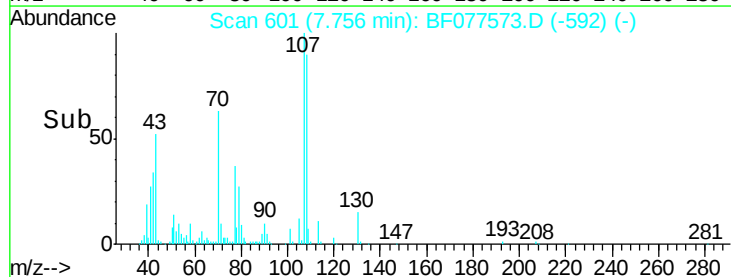
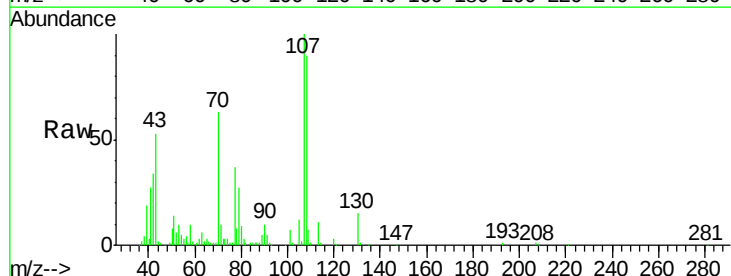
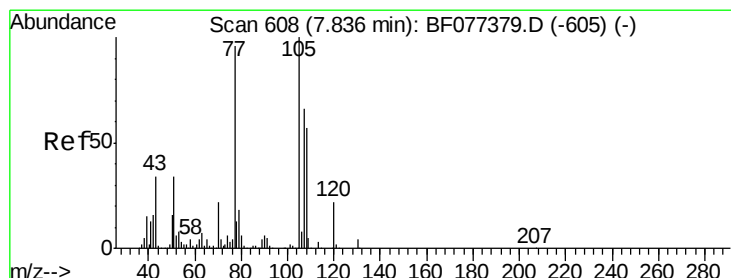
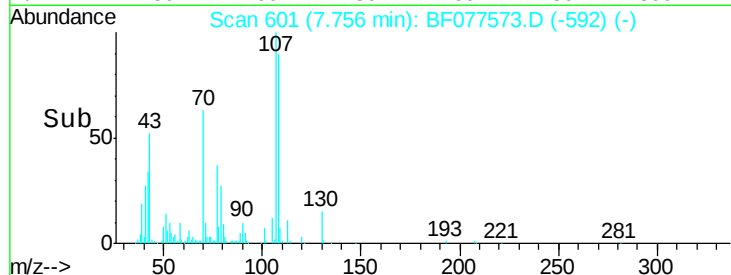
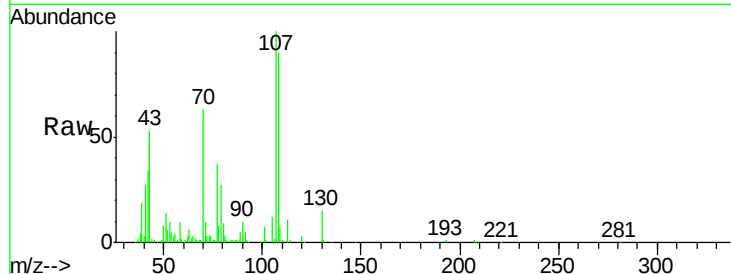
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#18
Hexachloroethane
Concen: 23.38 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	55053		
119	119.00	97.2	77.8	116.8	
201	201.00	97.6	90.6	136.0	

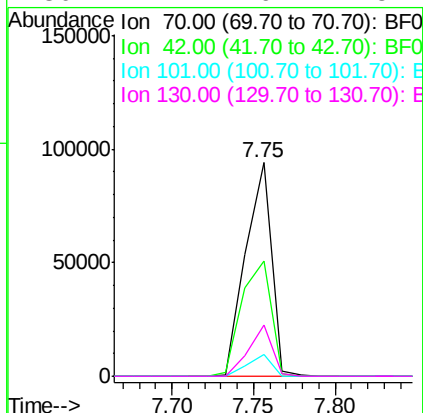




#19
n-Nitroso-di-n-propylamine
Concen: 23.49 ng
RT: 7.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.8	48.3	72.5
101	10.5	7.5	11.3
130	24.1	16.7	25.1

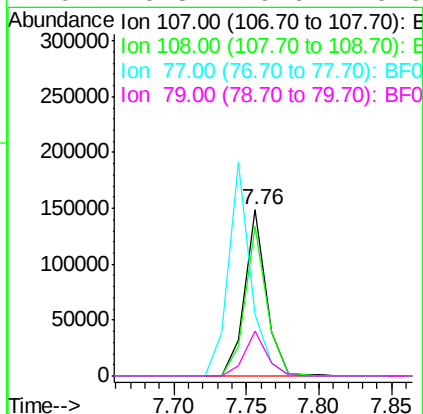


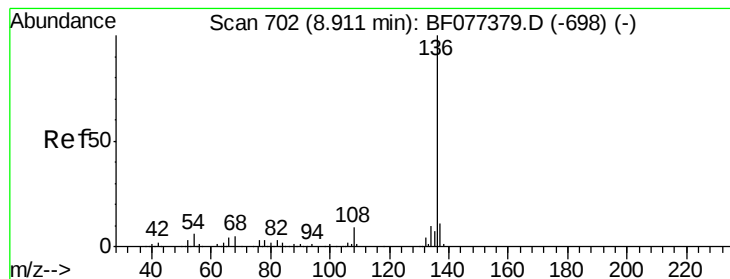
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#20
3+4-Methylphenols
Concen: 23.45 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	76.8	116.8
77	37.2	65.8	105.8
79	26.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

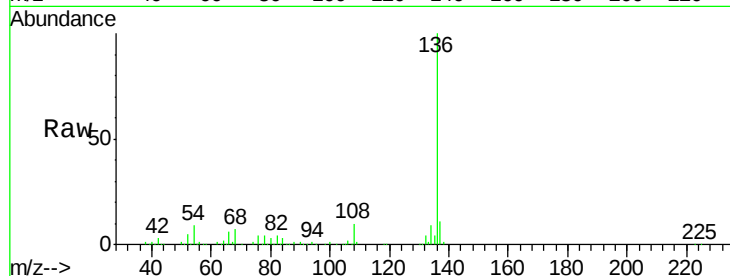
ClientSampleId :

VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	362166		
137	10.9	8.6	13.0	
54	9.2	6.2	9.4	
68	7.1	5.0	7.6	

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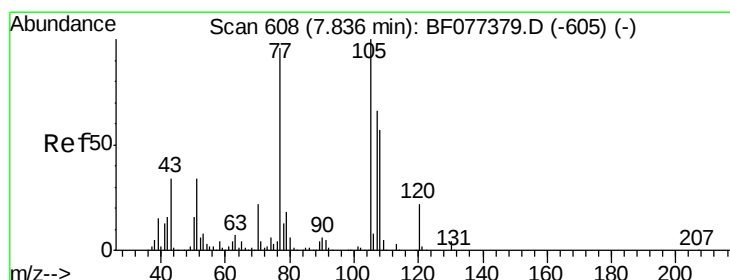
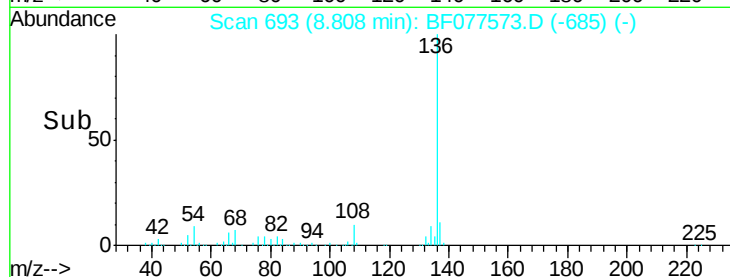
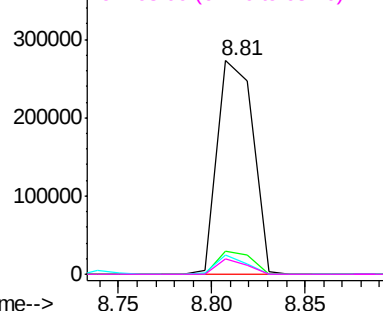
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.77 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211020		
71	3.8	1.7	2.5#	
51	26.6	30.7	46.1#	
120	22.3	16.7	25.1	

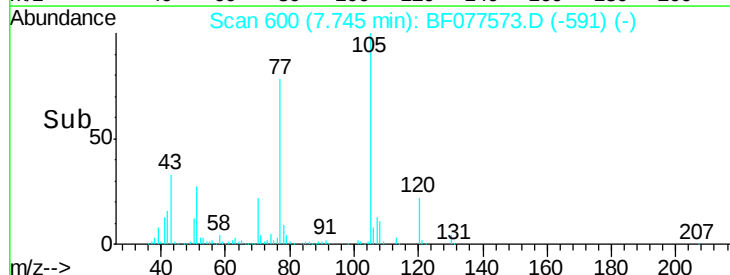
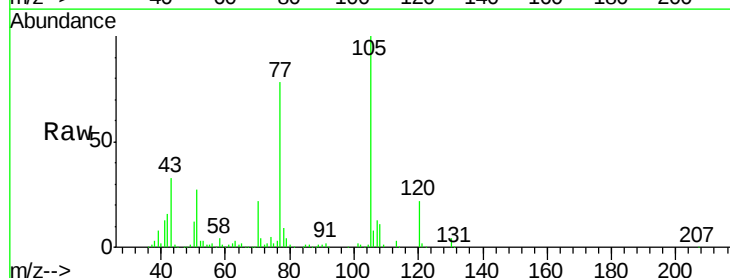
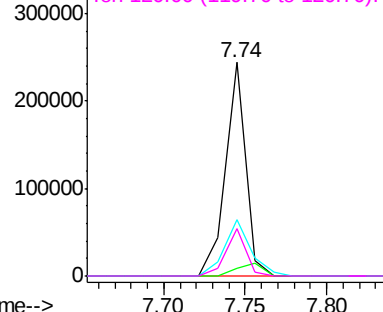
Abundance

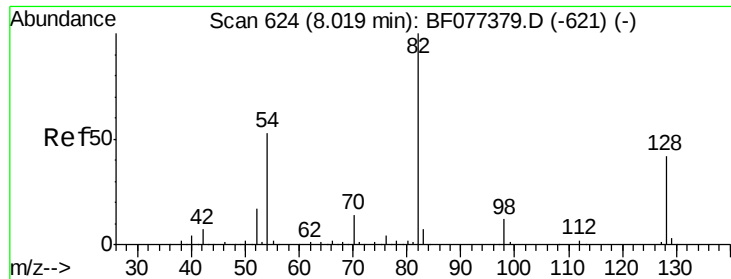
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





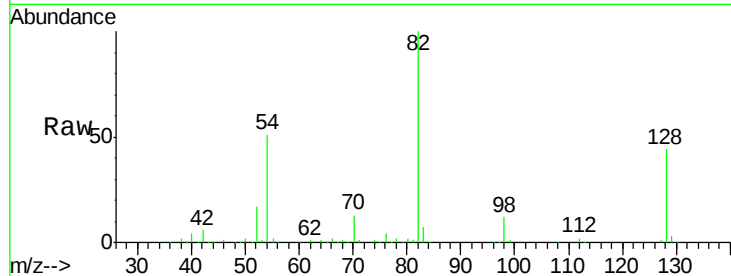
#23
 Nitrobenzene-d5
 Concen: 54.07 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

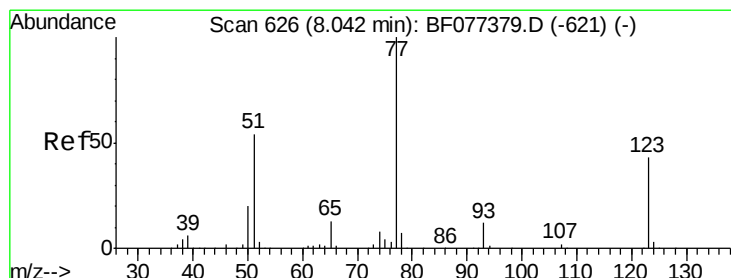
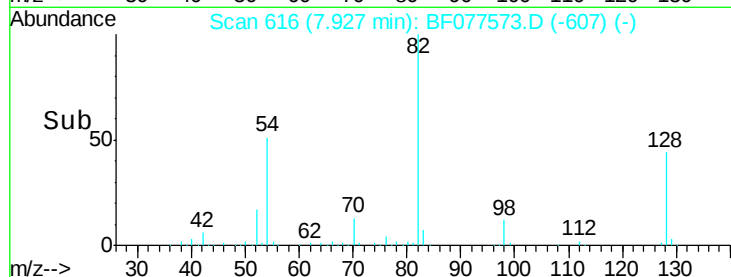
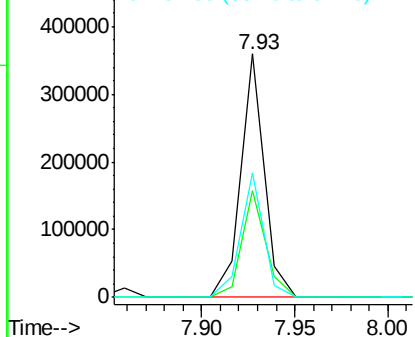
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	314894		
128	44.0	43.8	65.8	
54	51.0	36.7	55.1	

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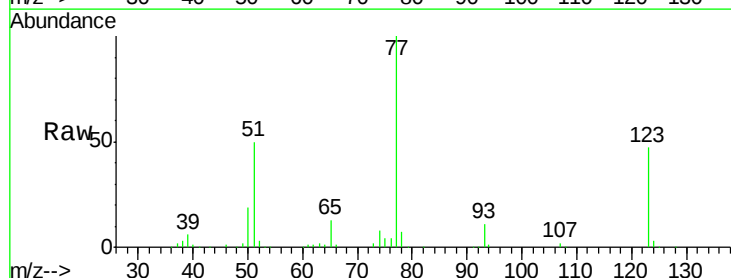


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

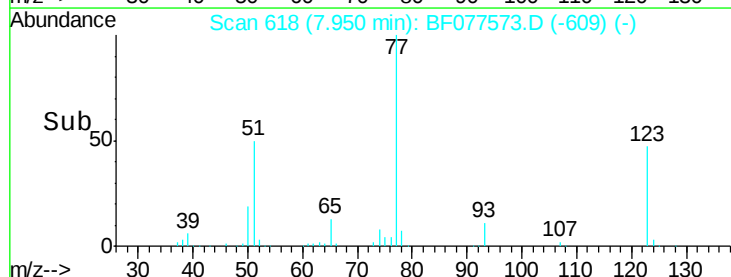
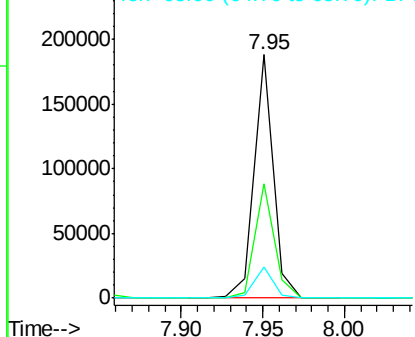


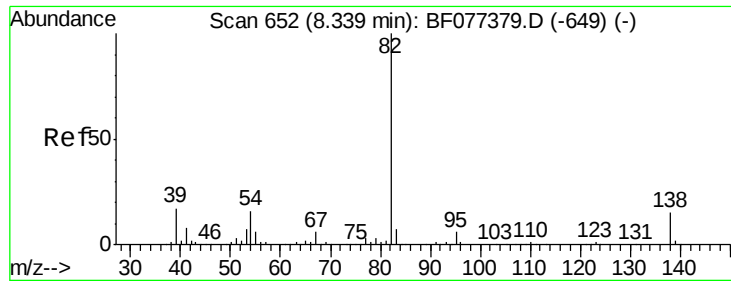
#24
 Nitrobenzene
 Concen: 25.02 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	153311		
123	47.1	45.9	68.9	
65	12.6	9.5	14.3	



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





#25

Isophorone

Concen: 23.28 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

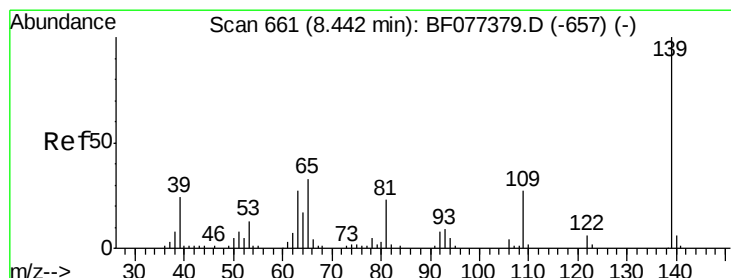
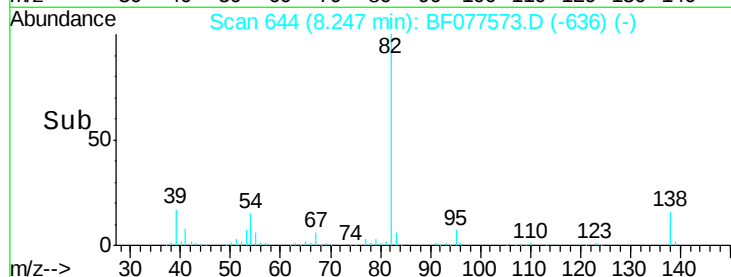
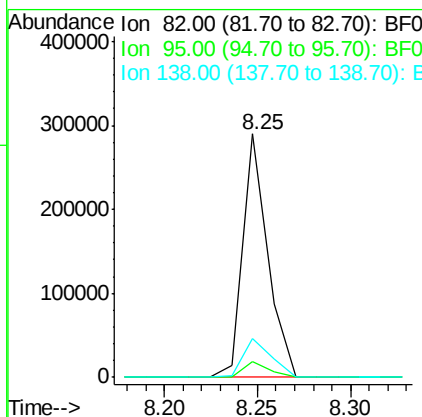
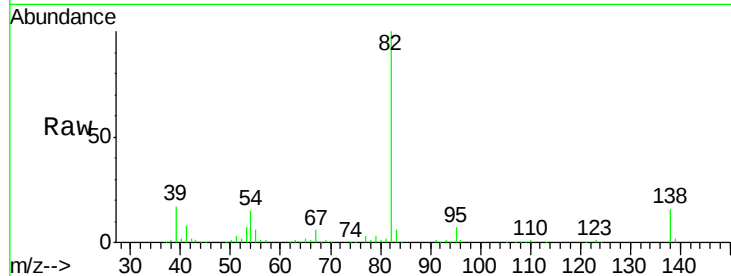
ClientSampleId :

VMA-2MS

Tgt Ion:	82	Resp:	269019
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.2
138	16.1	16.3	24.5#

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#26

2-Nitrophenol

Concen: 26.50 ng

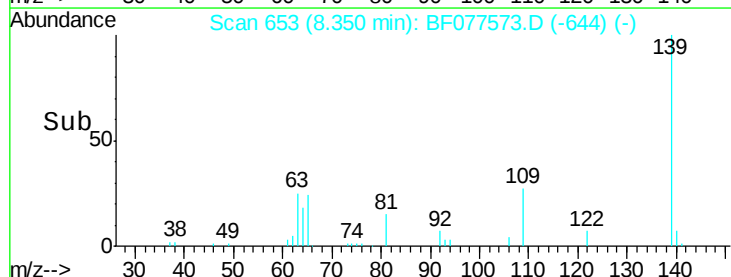
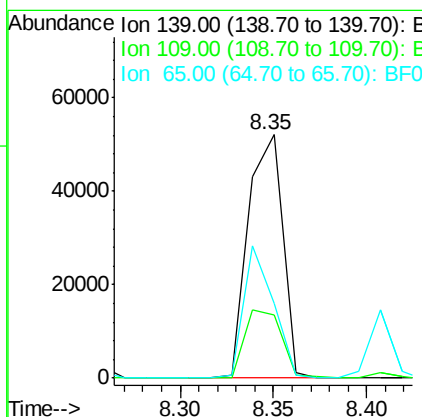
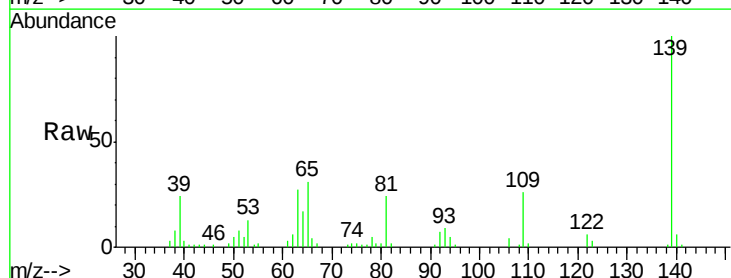
RT: 8.35 min Scan# 653

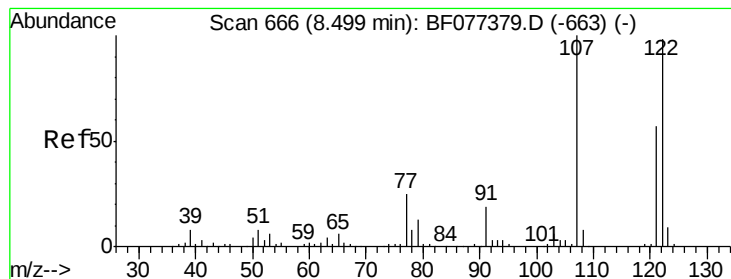
Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	139	Resp:	66540
Ion Ratio		Lower	Upper
139	100		
109	25.8	22.6	34.0
65	30.9	36.4	54.6#





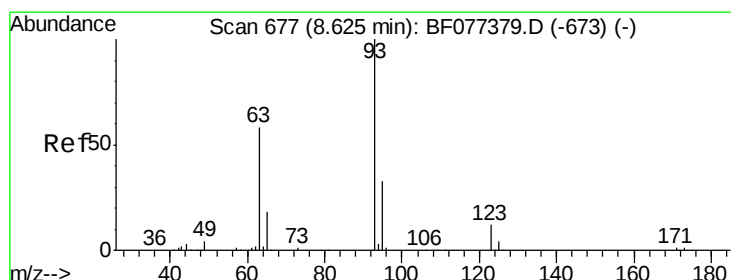
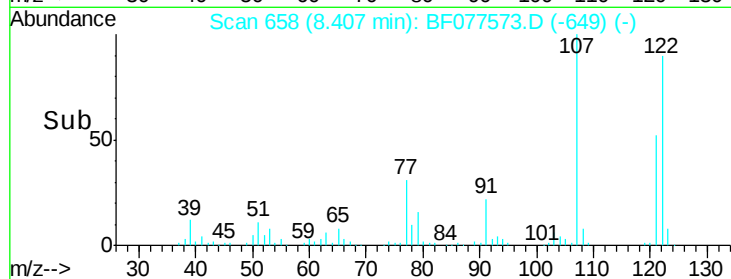
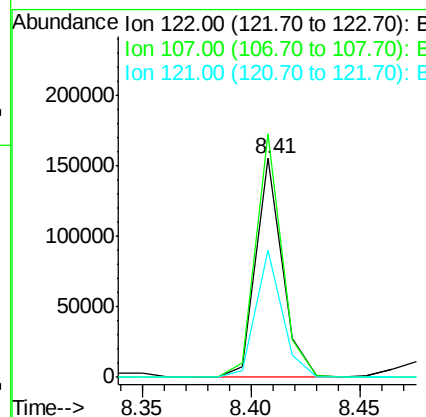
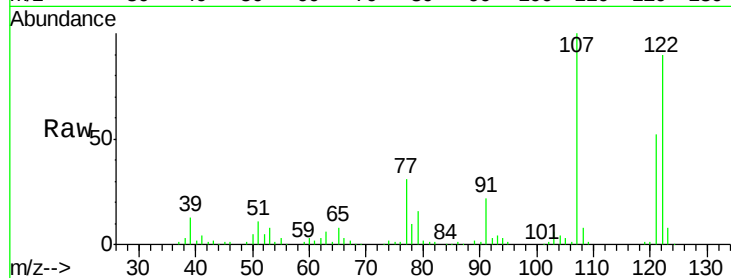
#27
2,4-Dimethylphenol
Concen: 23.43 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	131630		
107	111.2	86.6	130.0	
121	58.3	47.4	71.0	

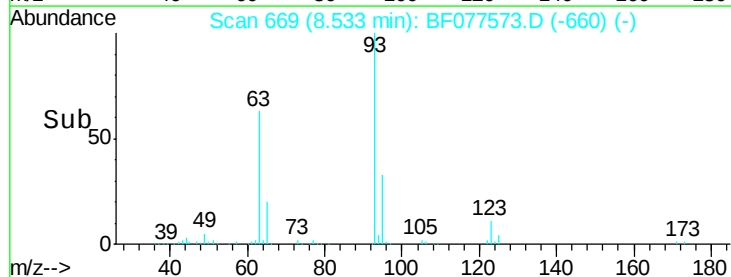
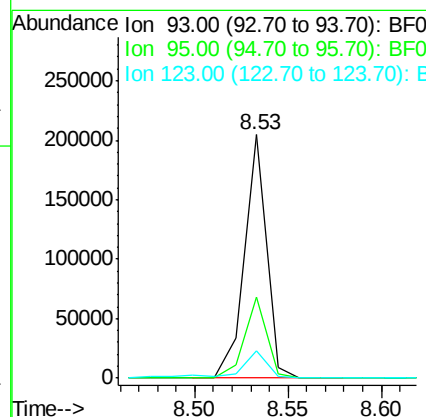
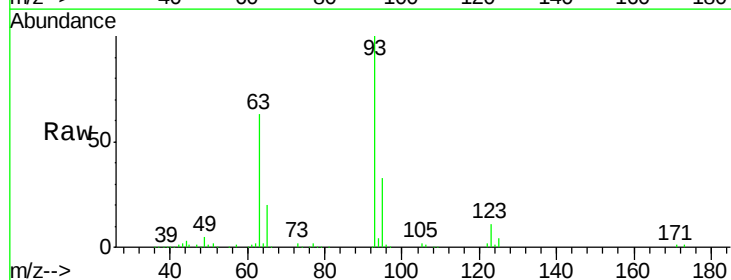
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#28
bis(2-Chloroethoxy)methane
Concen: 23.27 ng
RT: 8.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	169888		
95	33.5	26.4	39.6	
123	11.0	8.7	13.1	





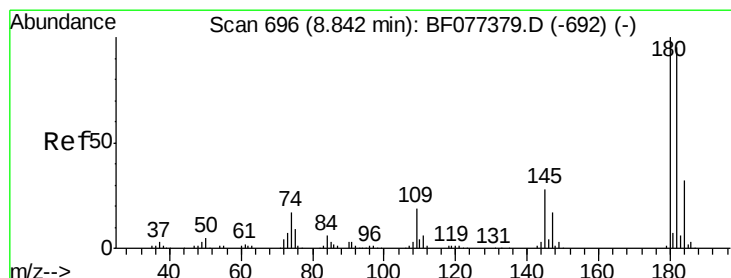
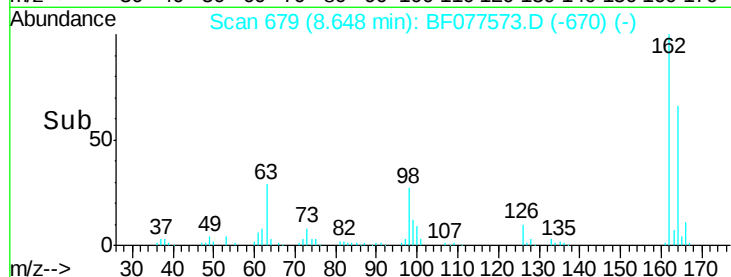
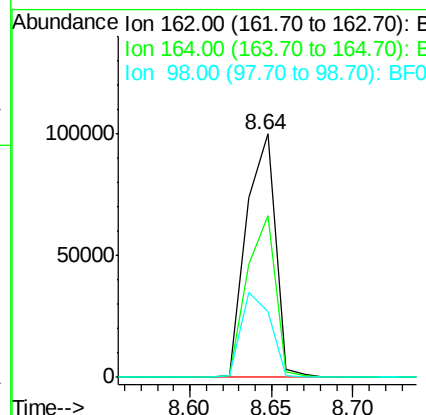
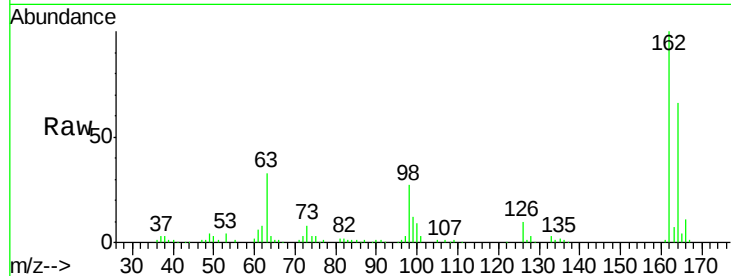
#29
 2,4-Dichlorophenol
 Concen: 23.34 ng
 RT: 8.64 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt	Ion:162	Resp:	123090
Ion	Ratio	Lower	Upper
162	100		
164	66.3	46.4	86.4
98	27.1	6.9	46.9

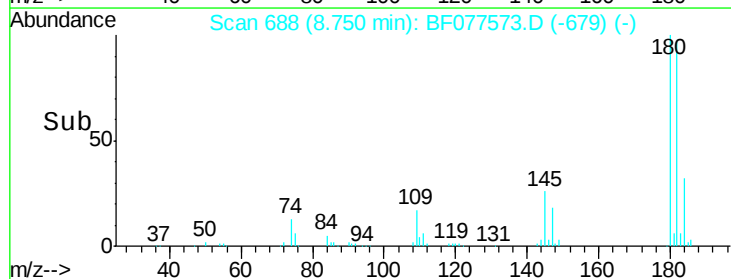
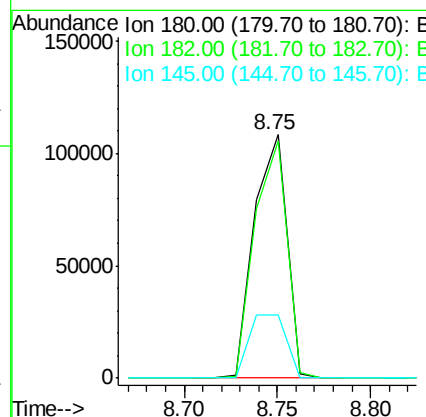
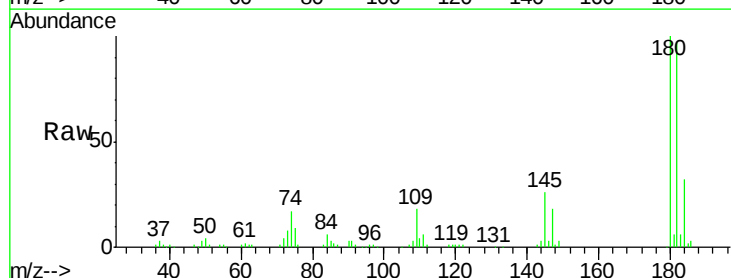
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#30
 1,2,4-Trichlorobenzene
 Concen: 22.54 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt	Ion:180	Resp:	130722
Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.2	114.4
145	25.8	24.5	36.7





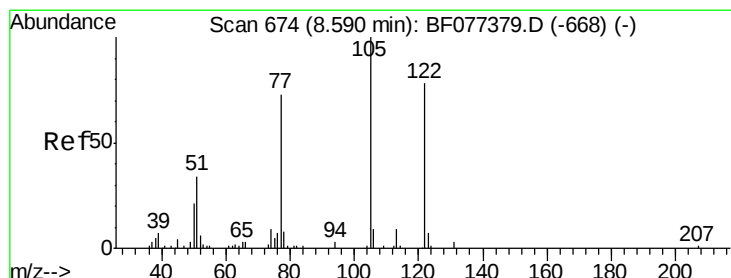
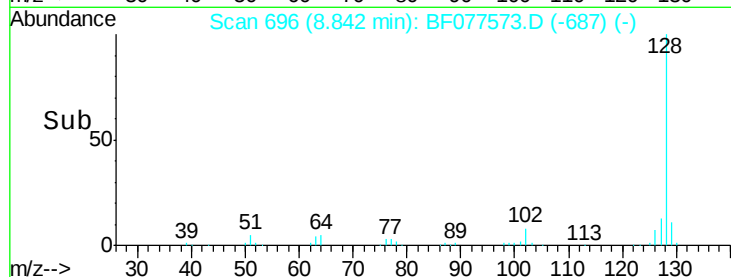
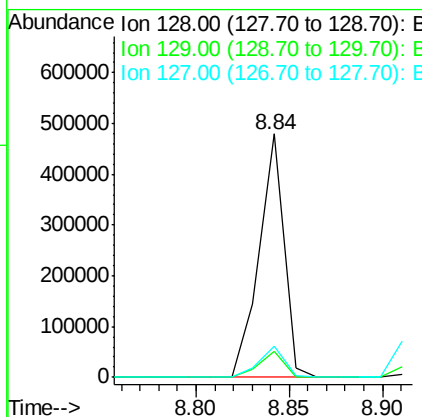
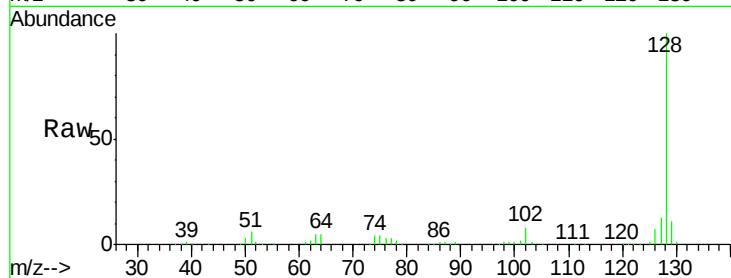
#31
Naphthalene
Concen: 24.42 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	442214		
129	10.9	9.4	14.0	
127	13.1	10.6	15.8	

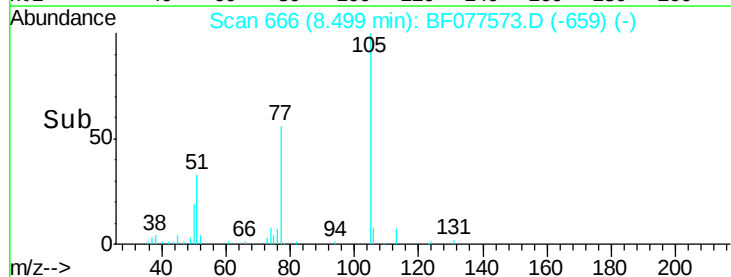
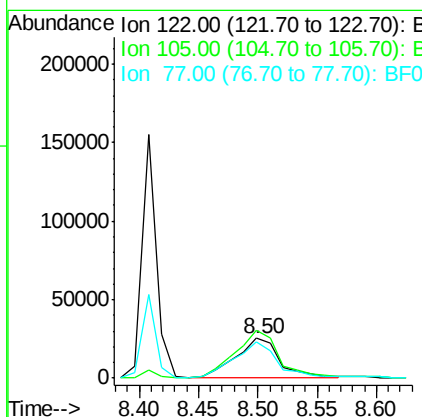
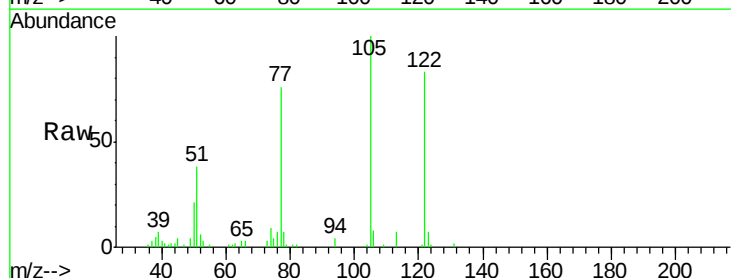
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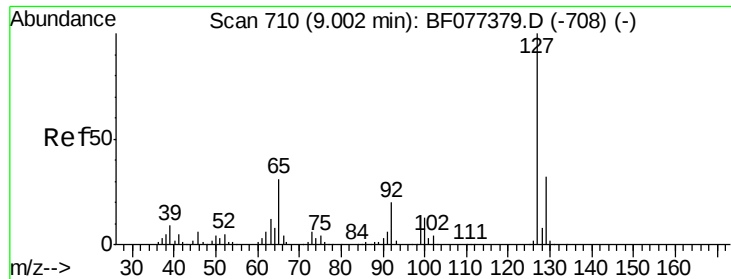
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#32
Benzoic acid
Concen: 23.53 ng
RT: 8.50 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	64247		
105	120.1	100.3	140.3	
77	90.8	68.7	108.7	





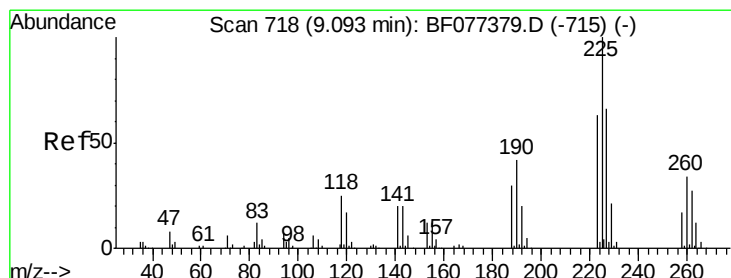
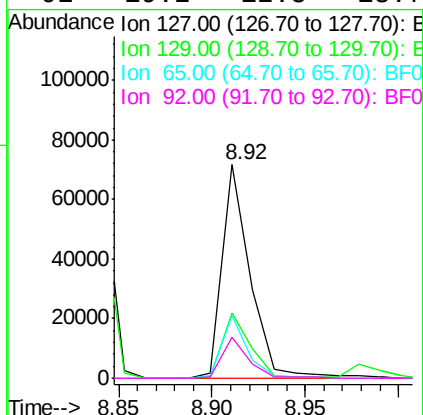
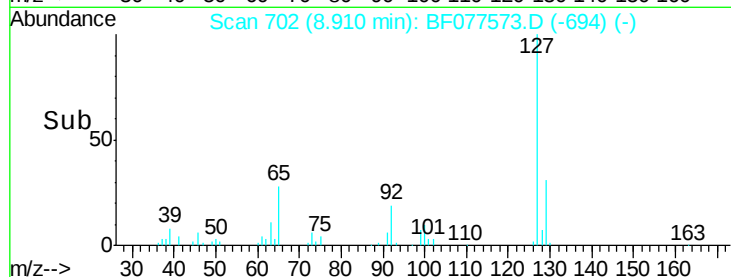
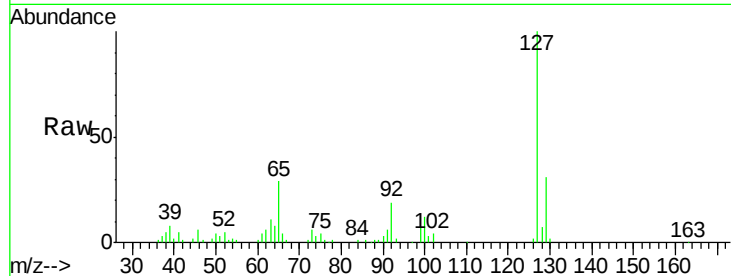
#33
4-Chloroaniline
Concen: 9.39 ng
RT: 8.92 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.9	40.3
65	29.3	16.7	25.1#
92	19.2	12.5	18.7#

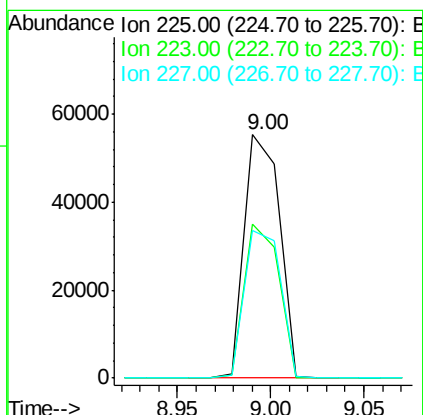
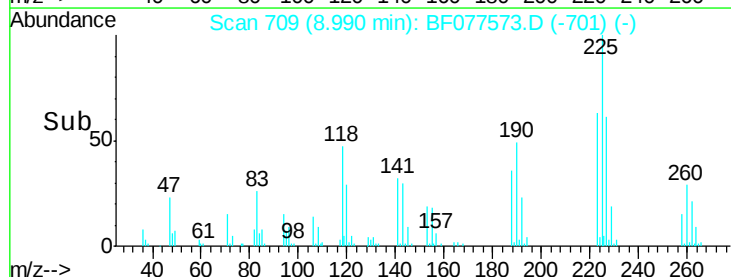
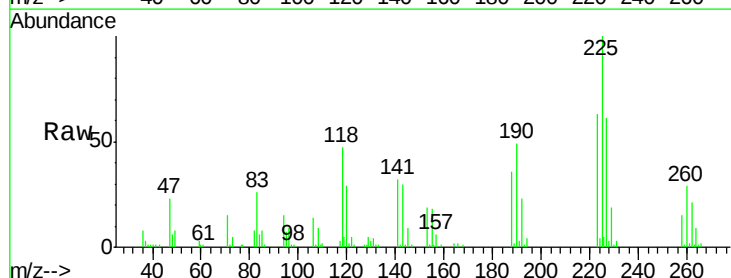
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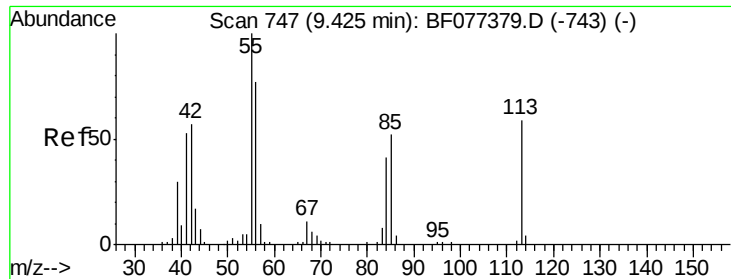
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#34
Hexachlorobutadiene
Concen: 21.83 ng
RT: 9.00 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.5	74.3
227	60.6	50.5	75.7





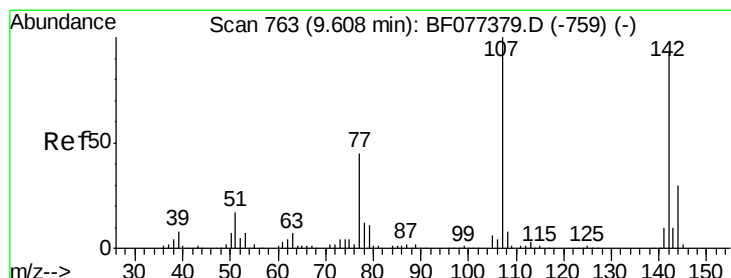
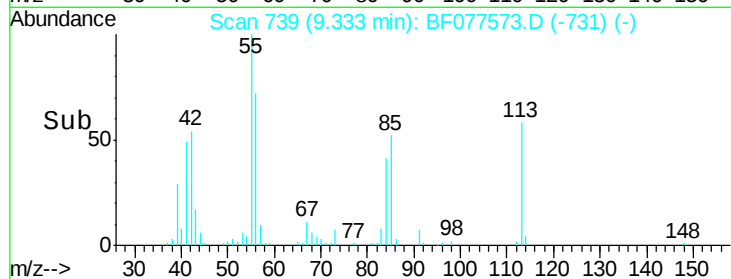
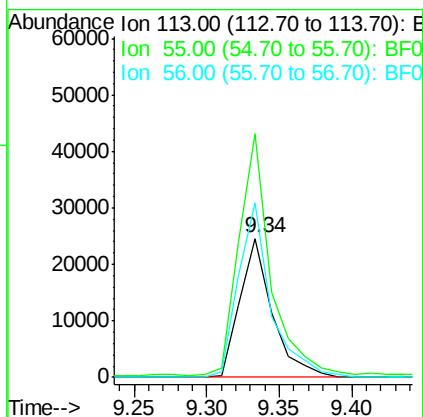
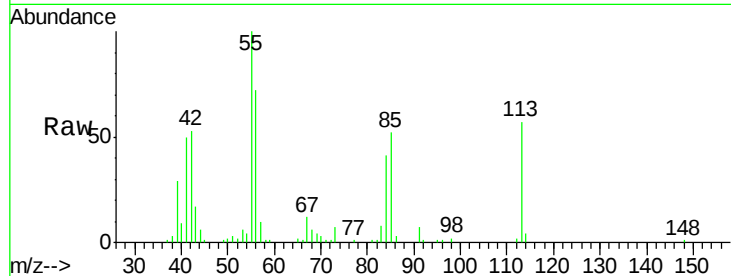
#35
 Caprolactam
 Concen: 23.72 ng
 RT: 9.34 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	175.2	154.6	194.6	
56	125.5	114.0	154.0	

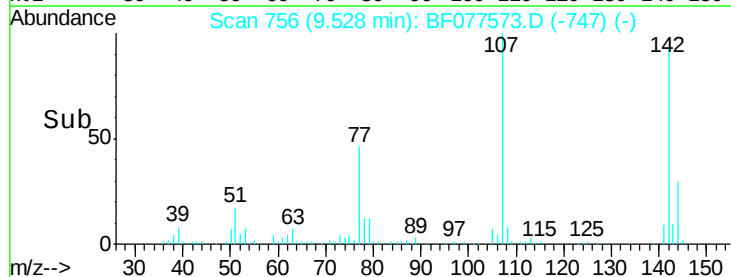
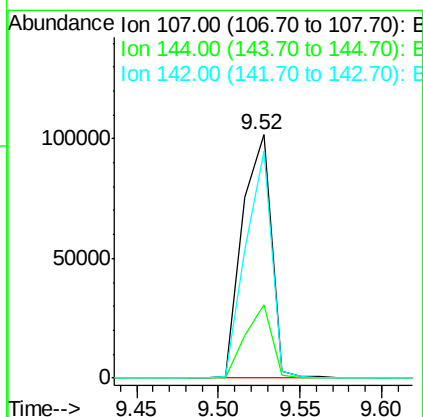
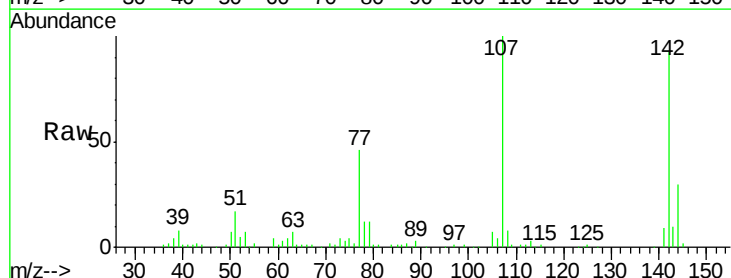
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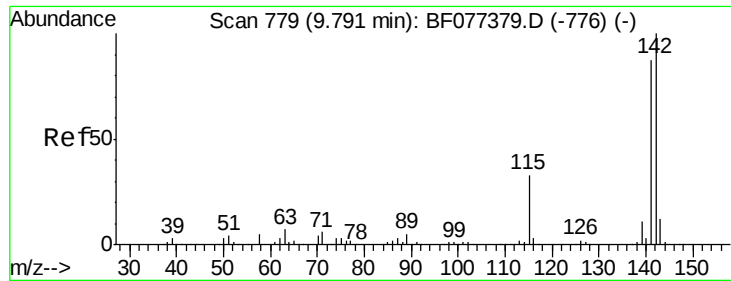
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#36
 4-Chloro-3-methylphenol
 Concen: 23.65 ng
 RT: 9.52 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	30.3	21.1	31.7	
142	93.4	65.3	97.9	





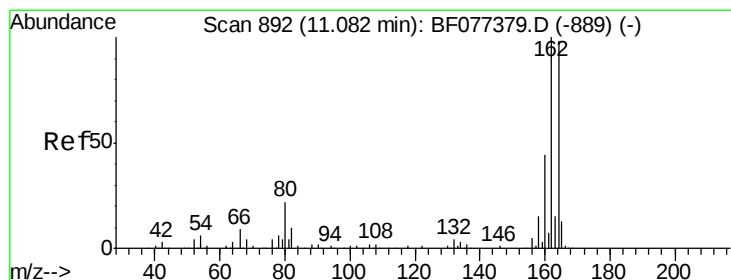
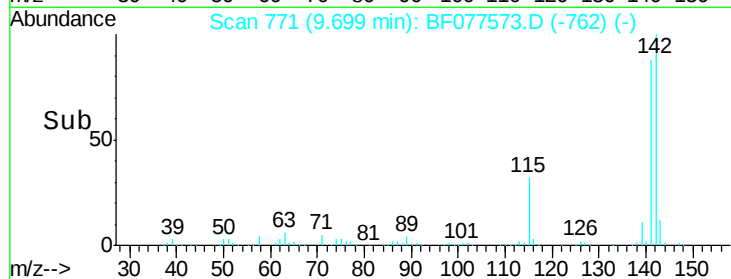
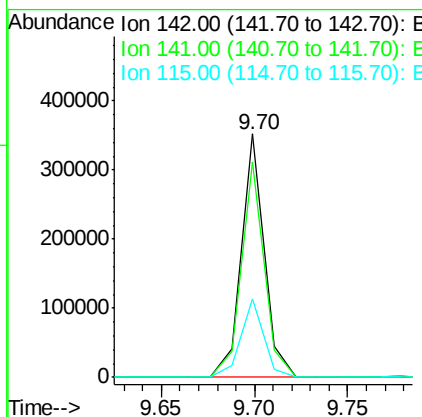
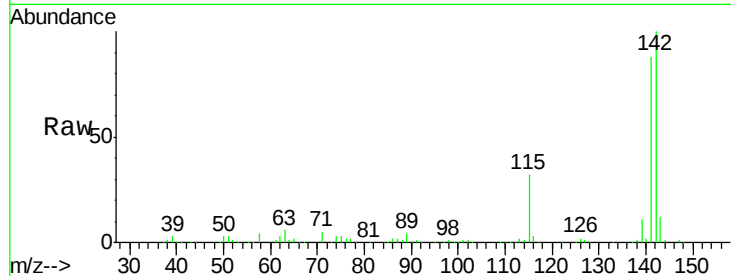
#37
2-Methylnaphthalene
Concen: 23.45 ng
RT: 9.70 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	301591		
141	88.3	70.7	106.1	
115	32.1	24.2	36.4	

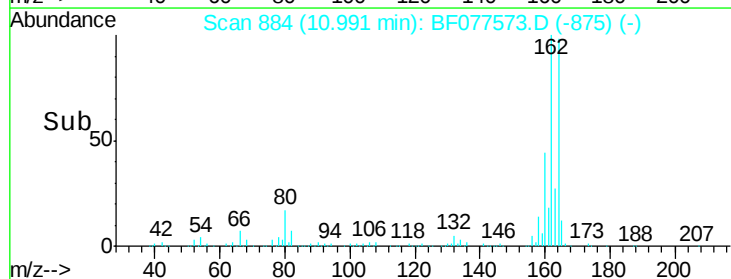
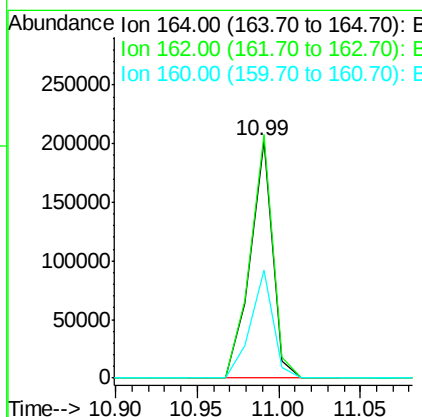
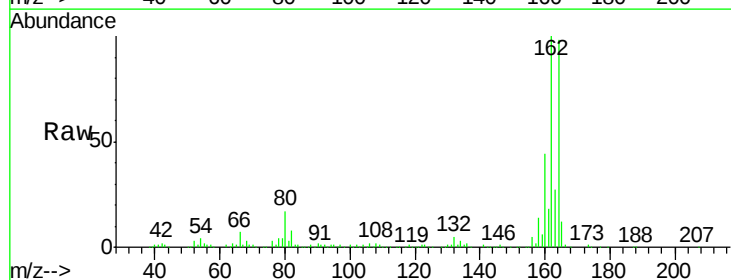
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	193048		
162	102.4	83.2	124.8	
160	45.4	34.6	52.0	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.81 ng

RT: 9.91 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

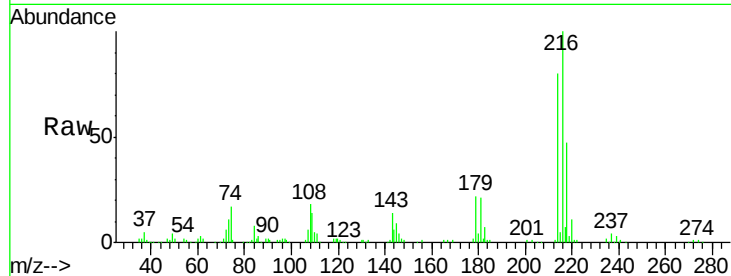
ClientSampleId :

VMA-2MS

Tgt Ion:	216	Resp:	131901
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.4	95.0
179	22.2	16.6	25.0
108	20.1	14.2	21.4

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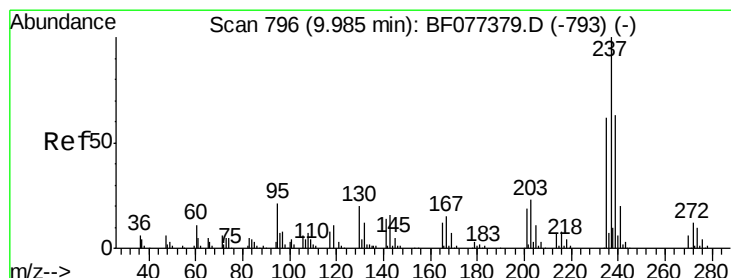
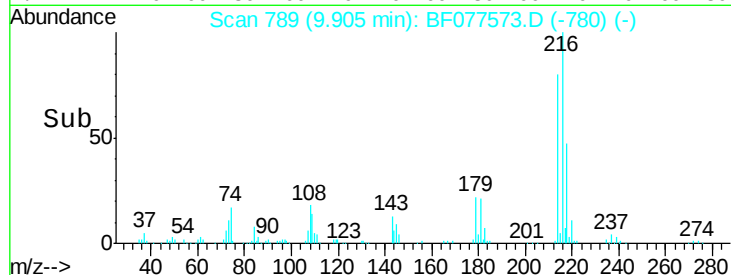
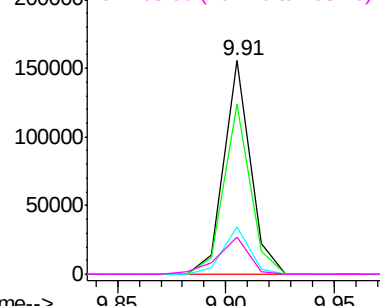


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 29.05 ng

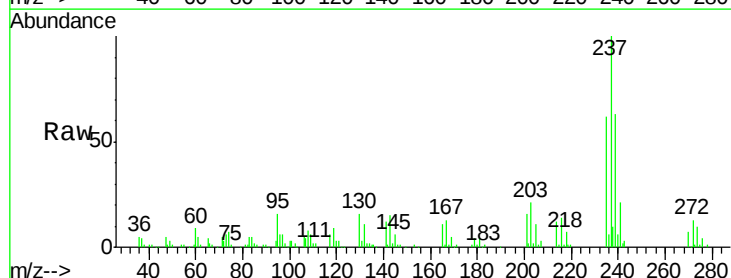
RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

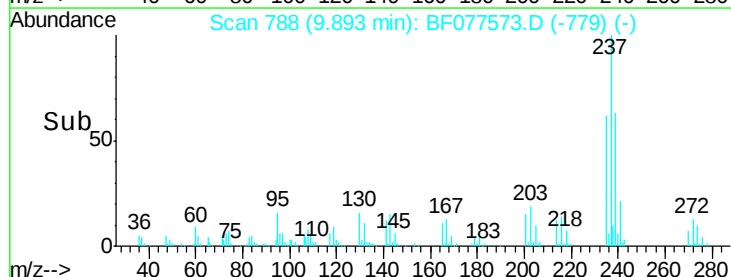
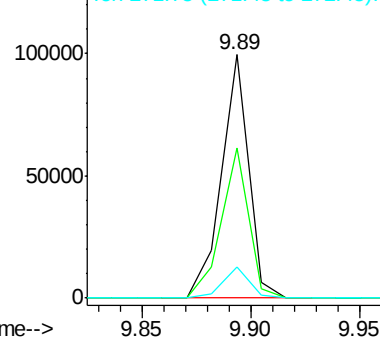
Tgt Ion:	237	Resp:	86277
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.0	81.0
272	12.6	0.0	34.3

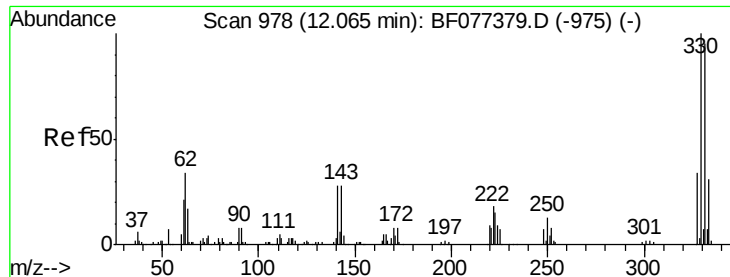


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





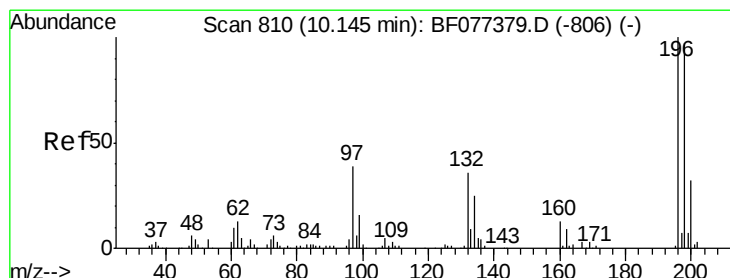
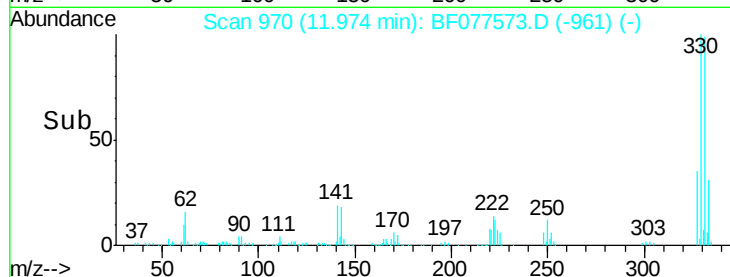
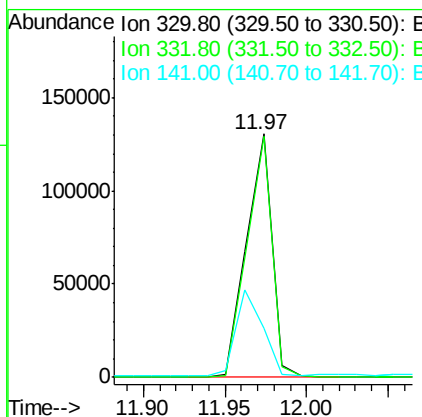
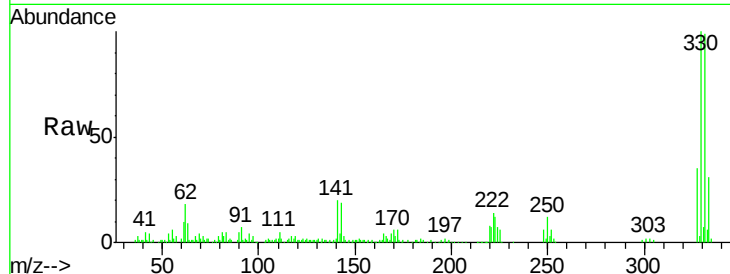
#41
 2,4,6-Tribromophenol
 Concen: 76.33 ng
 RT: 11.97 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	141884		
332	97.4	77.4	116.2	
141	36.7	28.8	43.2	

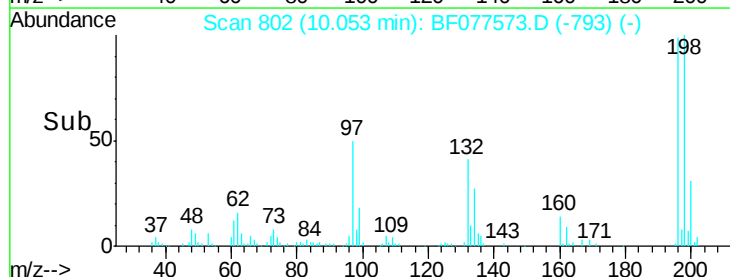
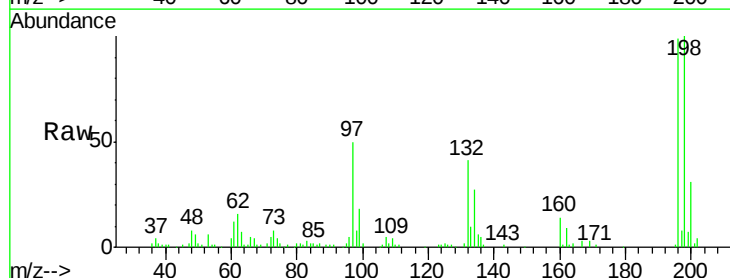
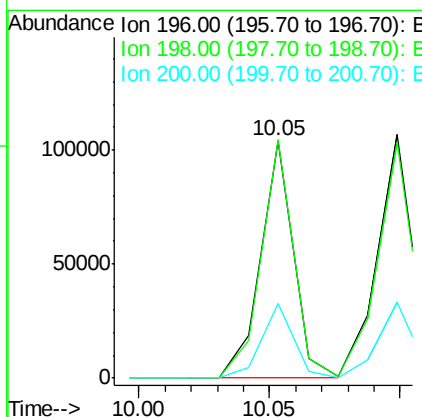
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#42
 2,4,6-Trichlorophenol
 Concen: 24.65 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90414		
198	100.5	75.8	113.8	
200	31.6	24.2	36.4	





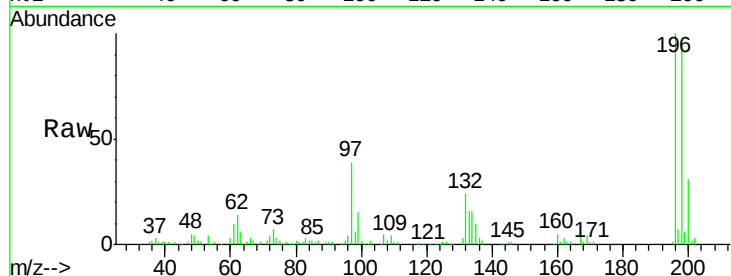
#43
2,4,5-Trichlorophenol
Concen: 25.34 ng
RT: 10.10 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

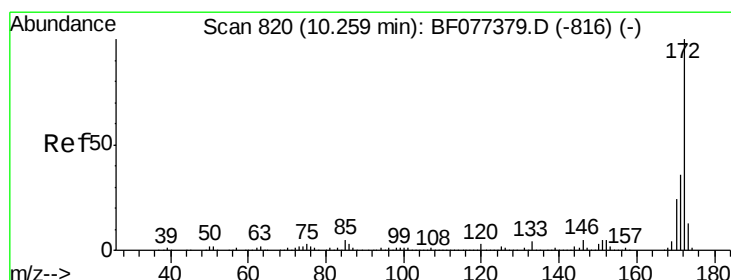
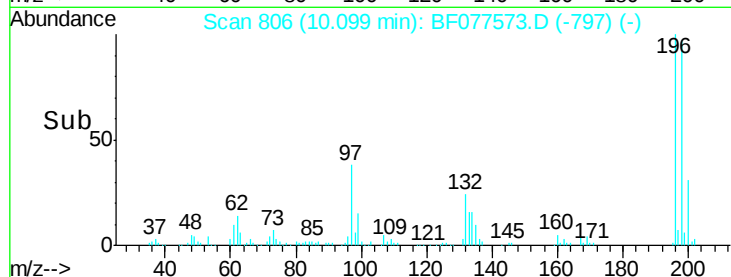
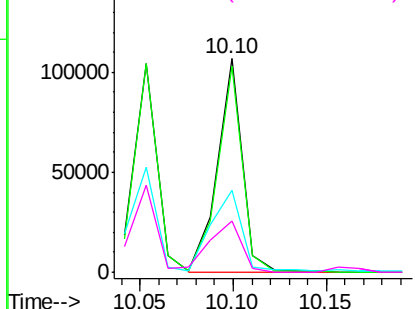
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99410		
198	96.8	77.2	115.8	
97	38.6	27.7	41.5	
132	23.9	18.0	27.0	

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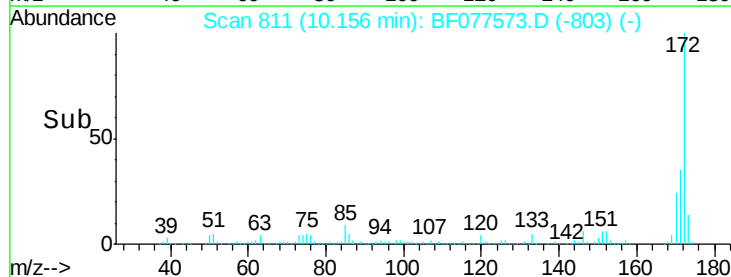
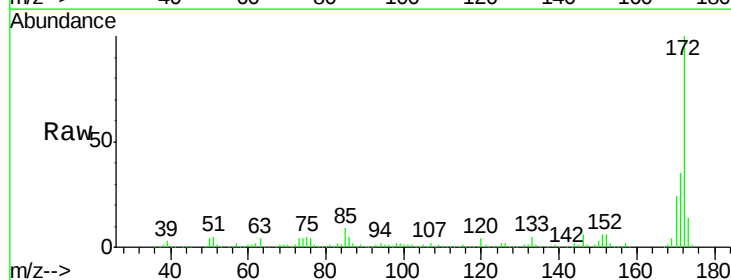
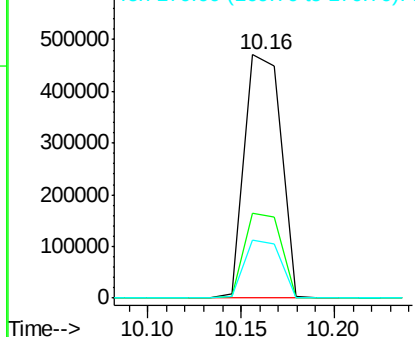
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

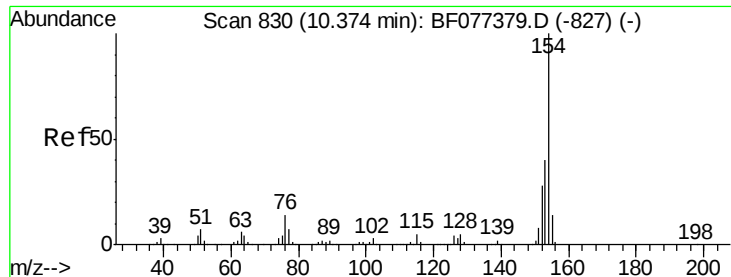


#44
2-Fluorobiphenyl
Concen: 51.60 ng
RT: 10.16 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	638884		
171	34.9	28.9	43.3	
170	23.6	19.4	29.2	

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





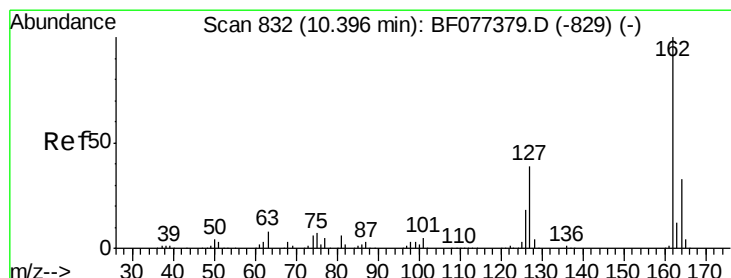
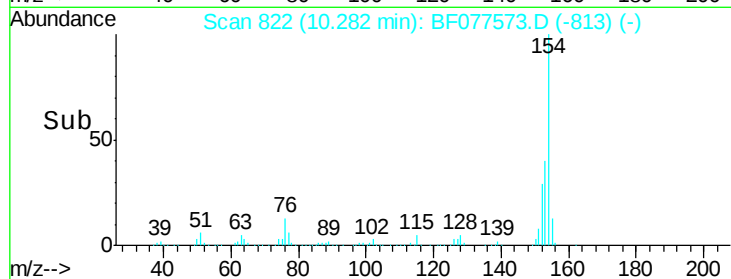
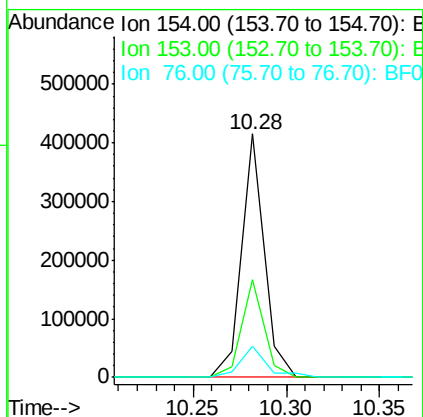
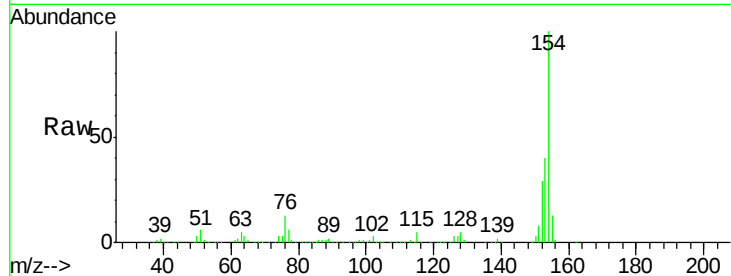
#45
1,1'-Biphenyl
Concen: 24.01 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	351092		
153	40.1	20.2	60.2	
76	13.0	0.0	29.4	

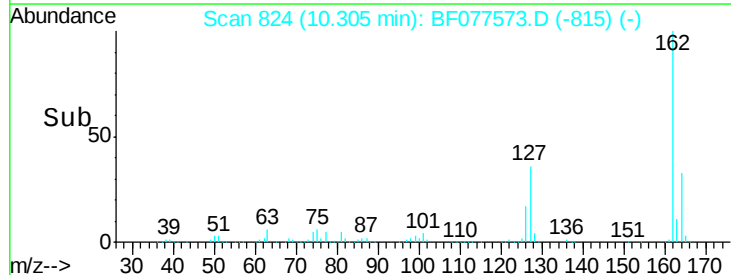
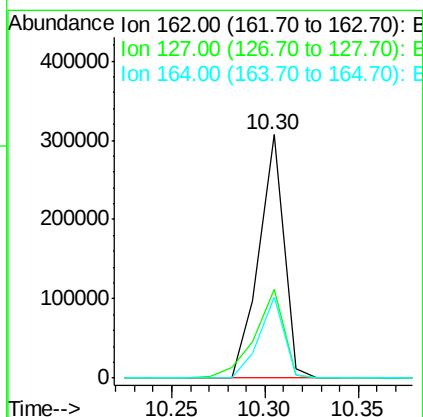
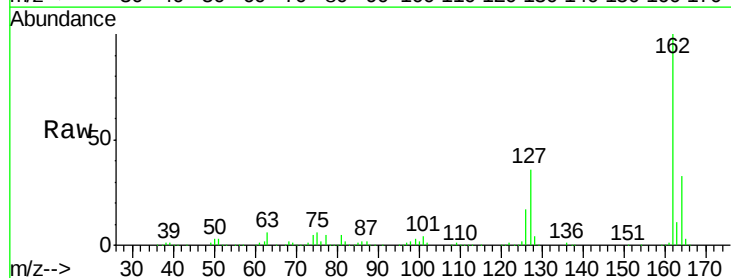
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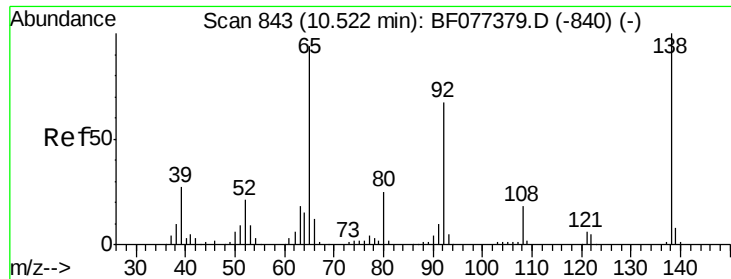
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3/4/2015 4:42:28 PM



#46
2-Chloronaphthalene
Concen: 24.96 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	286295		
127	36.4	33.3	49.9	
164	33.1	26.2	39.4	





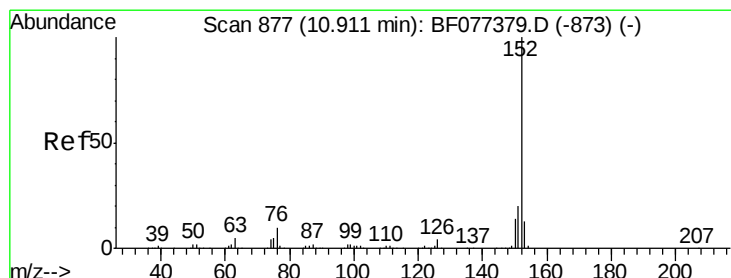
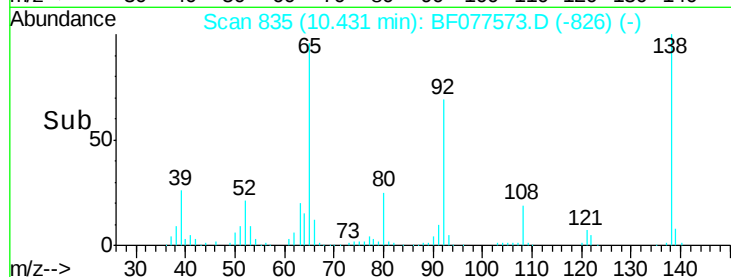
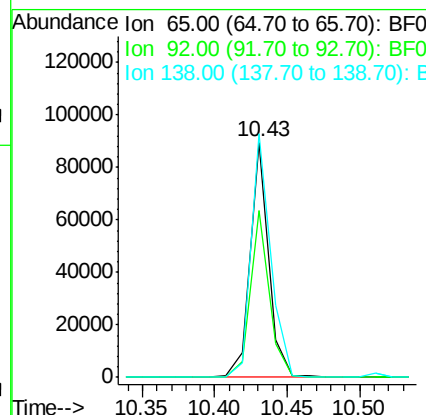
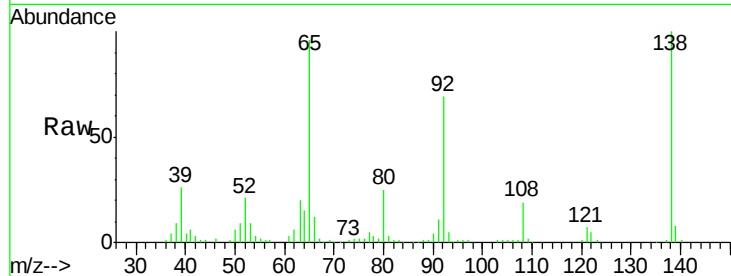
#47
2-Nitroaniline
Concen: 27.97 ng
RT: 10.43 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion: 65 Resp: 78973
Ion Ratio Lower Upper
65 100
92 71.3 52.4 78.6
138 103.7 73.4 110.0

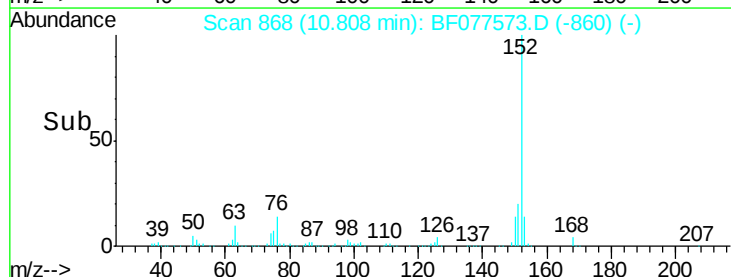
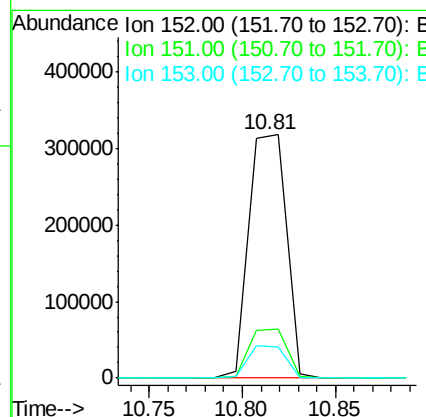
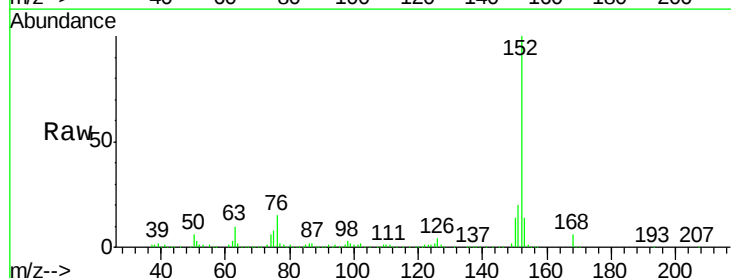
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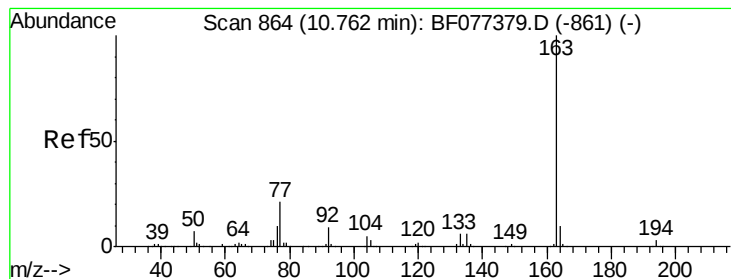
mohammad
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#48
Acenaphthylene
Concen: 24.48 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion: 152 Resp: 444487
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 24.95 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

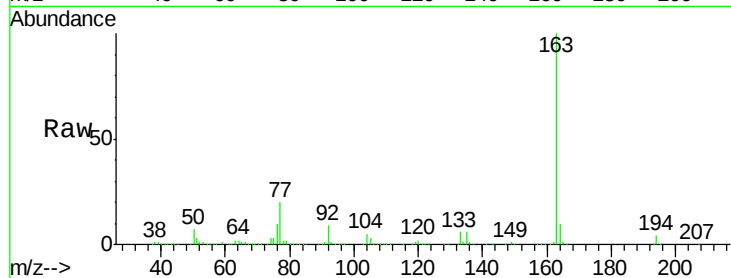
ClientSampled :

VMA-2MS

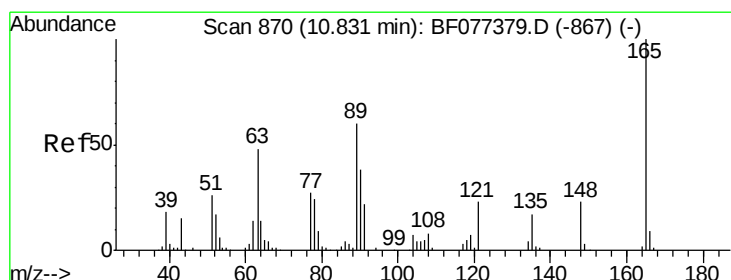
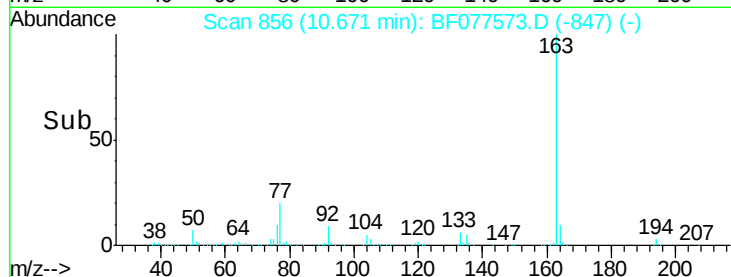
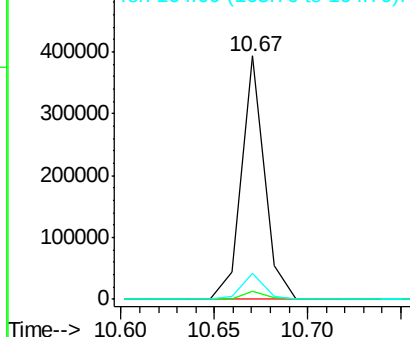
Tgt Ion:	163	Resp:	338534
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.4	8.6	13.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 24.59 ng

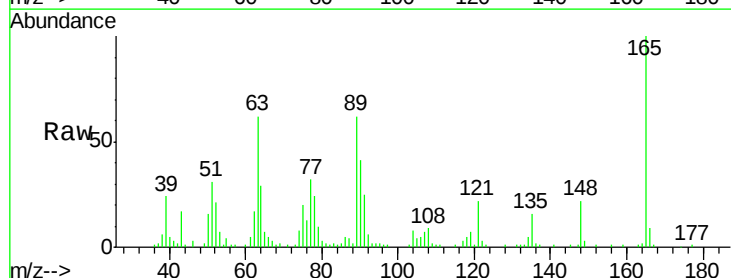
RT: 10.74 min Scan# 862

Delta R.T. -0.00 min

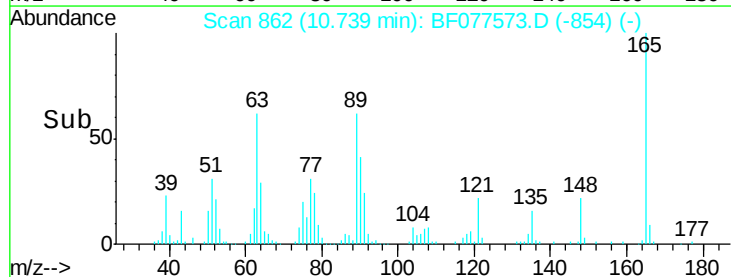
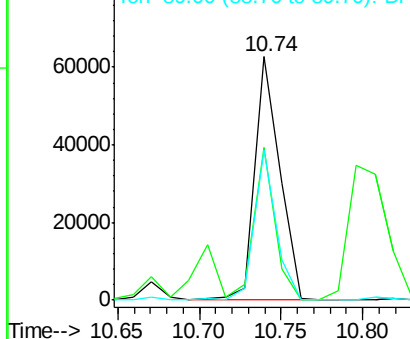
Lab File: BF077573.D

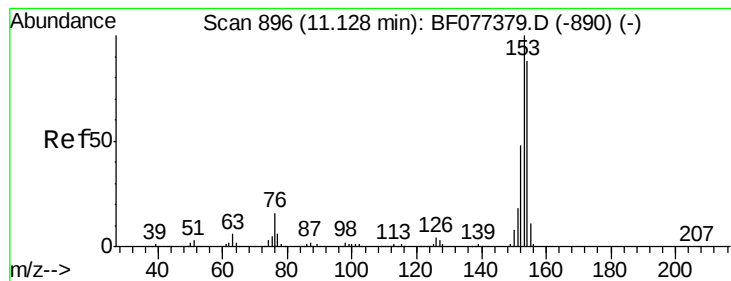
Acq: 4 Mar 2015 5:16

Tgt Ion:	165	Resp:	66927
Ion Ratio	Lower	Upper	
165	100		
63	62.5	25.2	37.8#
89	61.8	30.5	45.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.72 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

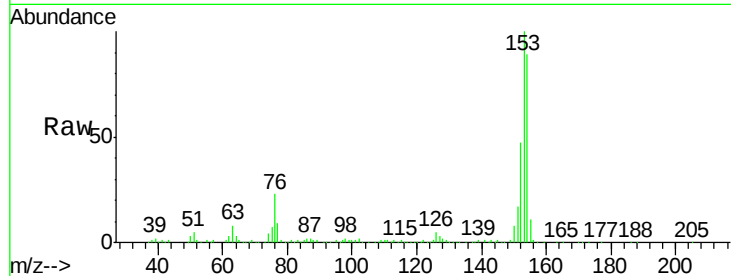
ClientSampleId :

VMA-2MS

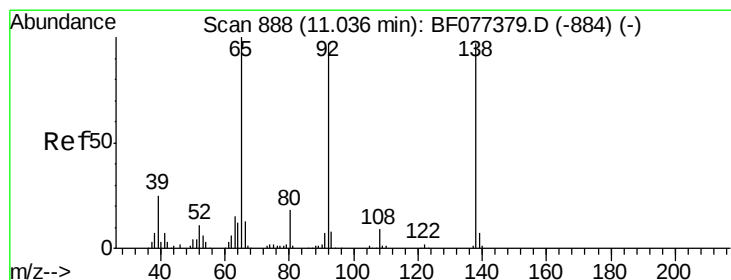
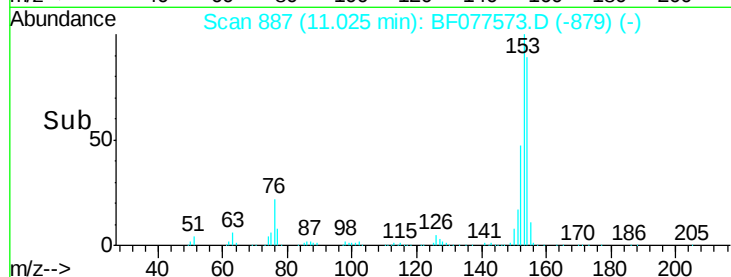
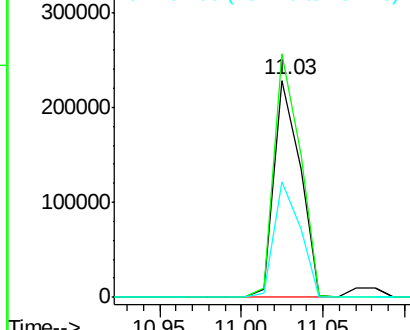
Tgt Ion:	154	Resp:	257049
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.5	135.7
152	53.1	43.5	65.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.79 ng

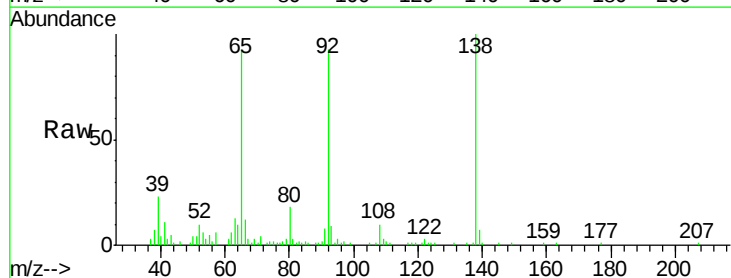
RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

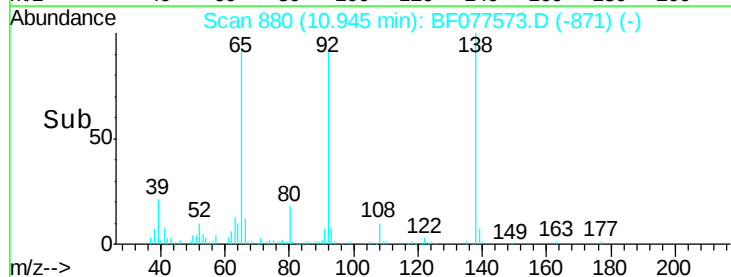
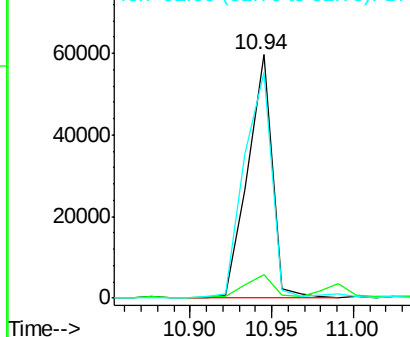
Lab File: BF077573.D

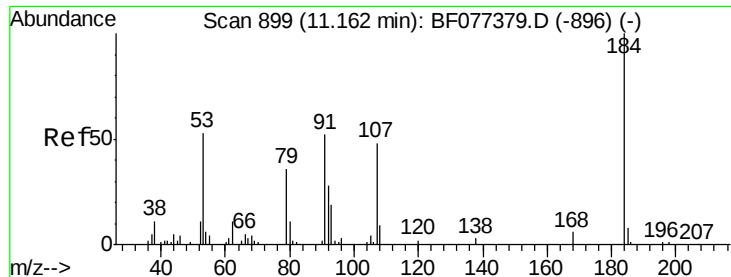
Acq: 4 Mar 2015 5:16

Tgt Ion:	138	Resp:	62088
Ion Ratio	Lower	Upper	
138	100		
108	9.6	7.8	11.8
92	92.7	90.6	135.8



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





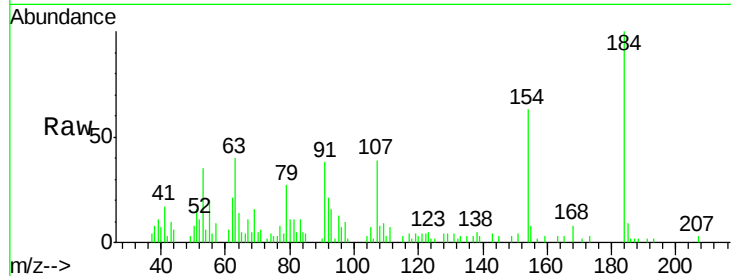
#53
2,4-Dinitrophenol
Concen: 26.04 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

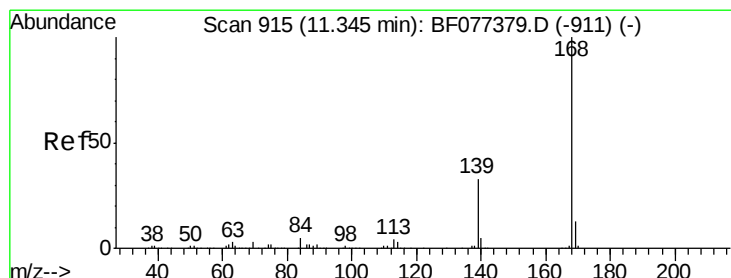
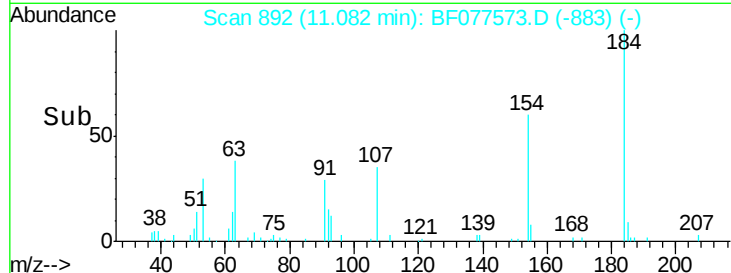
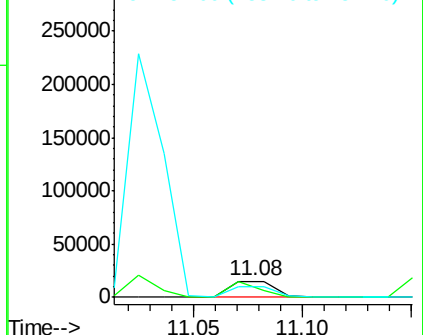
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	21565		
63	40.3	29.5	44.3	
154	62.9	43.2	64.8	

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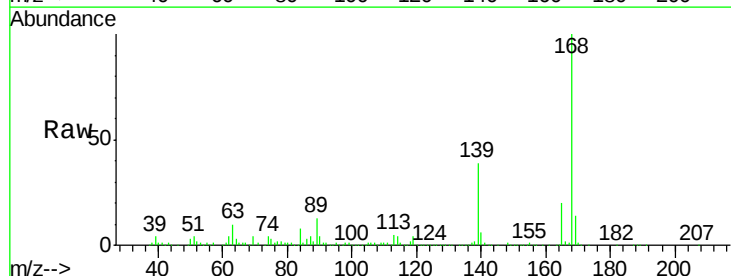


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

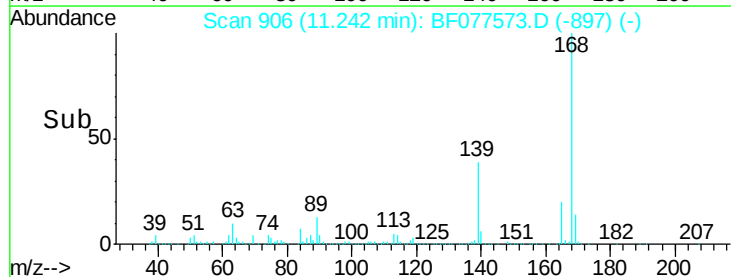
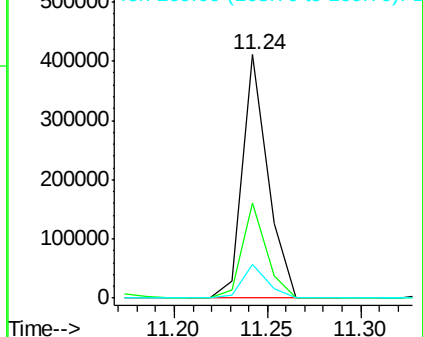


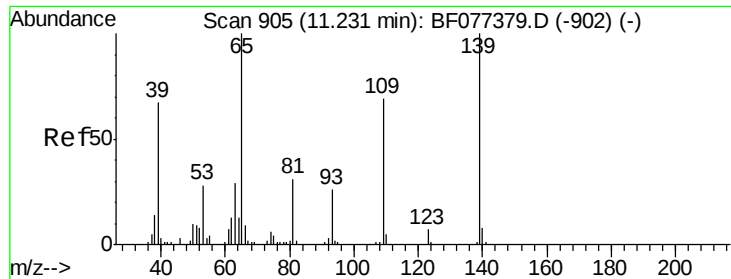
#54
Dibenzofuran
Concen: 23.24 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	388819		
139	38.9	29.3	43.9	
169	13.6	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





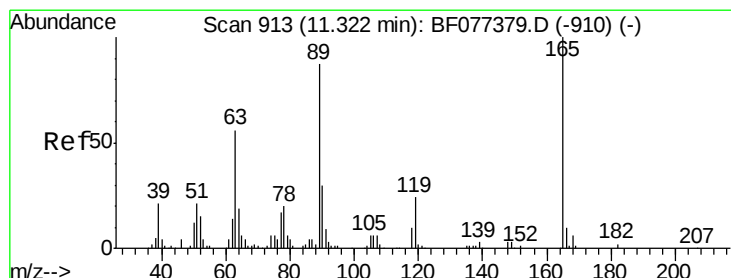
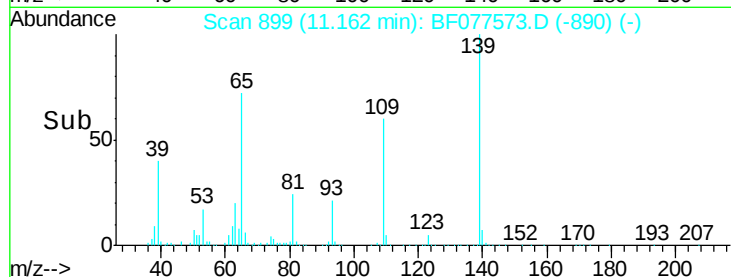
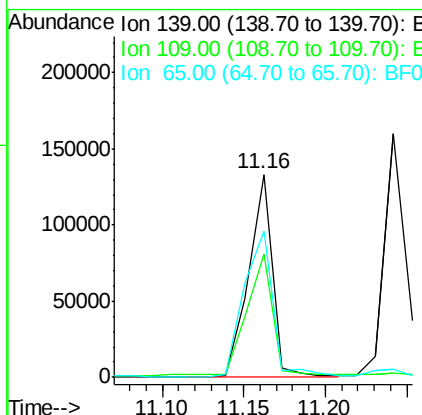
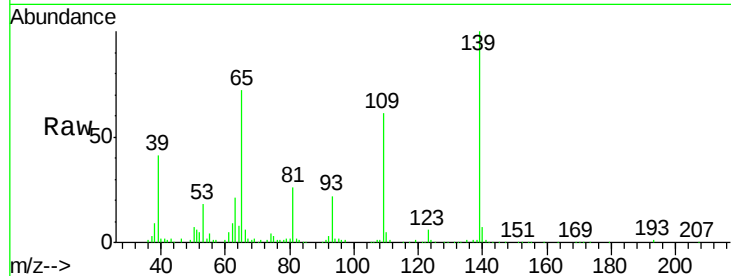
#55
4-Nitrophenol
Concen: 53.54 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135105		
109	61.0	36.2	76.2	
65	71.9	40.3	80.3	

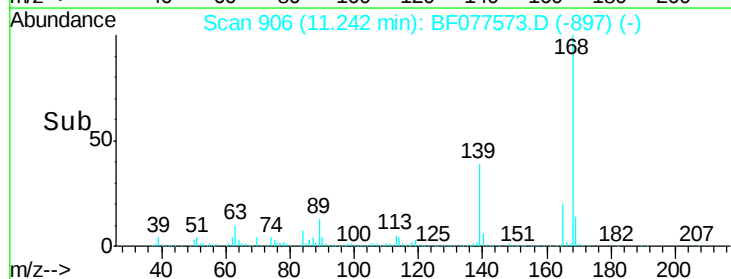
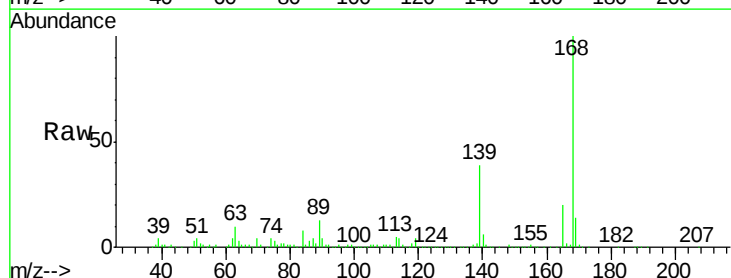
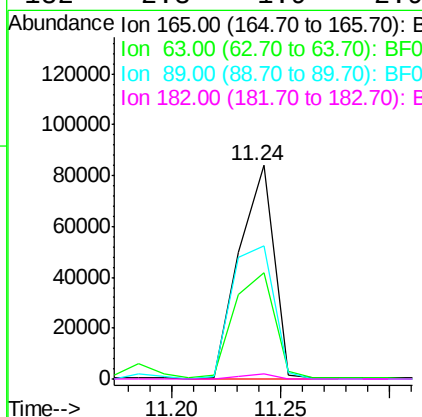
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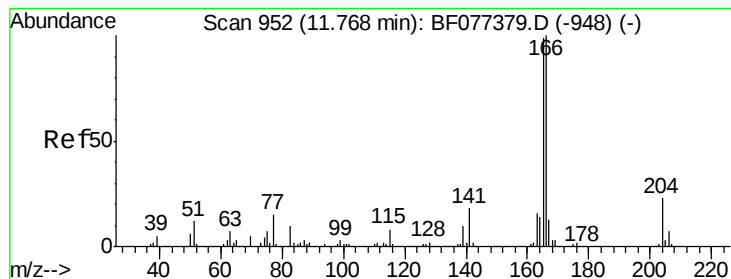
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#56
2,4-Dinitrotoluene
Concen: 25.52 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	93827		
63	49.6	29.8	44.8#	
89	62.3	48.5	72.7	
182	2.3	1.9	2.9	





#57

Fluorene

Concen: 24.36 ng

RT: 11.67 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

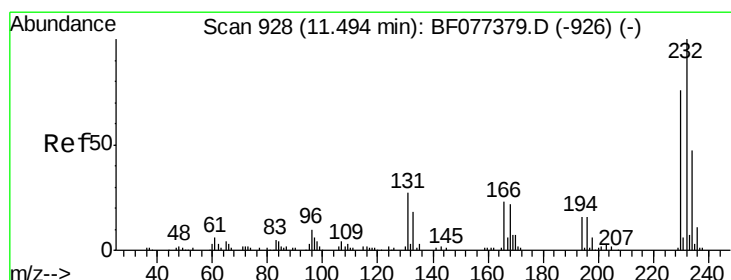
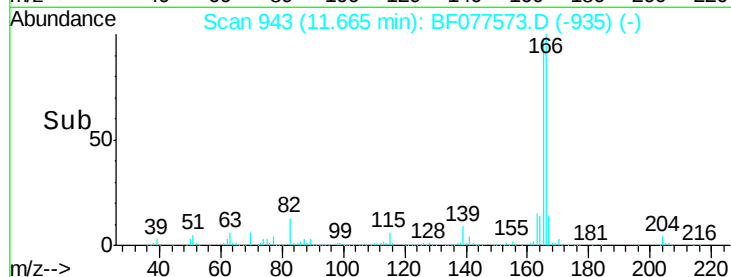
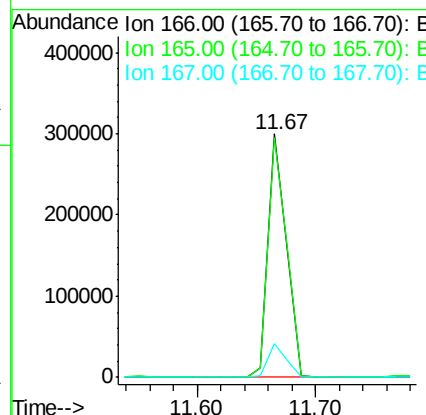
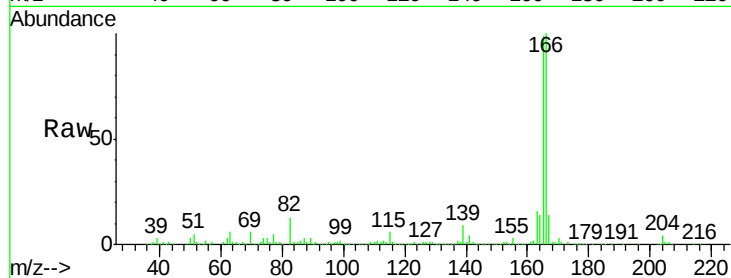
ClientSampleId :

VMA-2MS

Tgt Ion:	166	Resp:	325848
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.6	116.4
167	13.7	10.6	16.0

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3/4/2015 4:42:28 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.62 ng

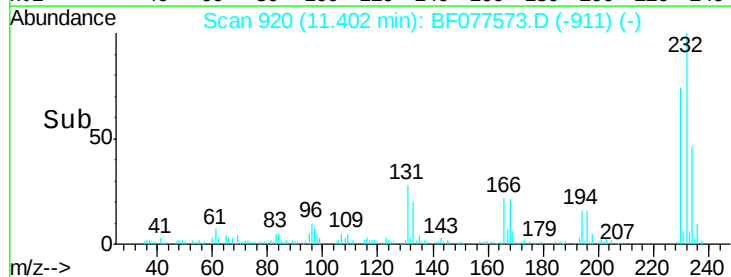
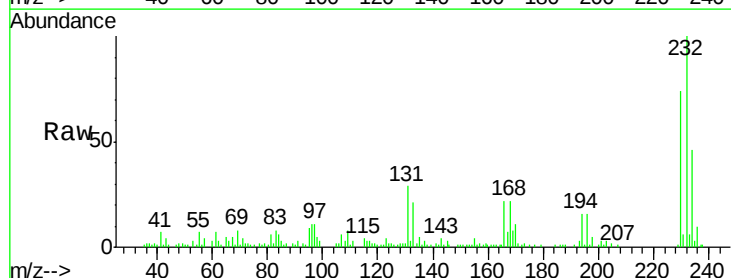
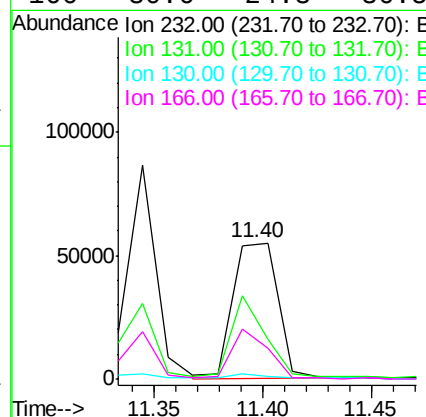
RT: 11.40 min Scan# 920

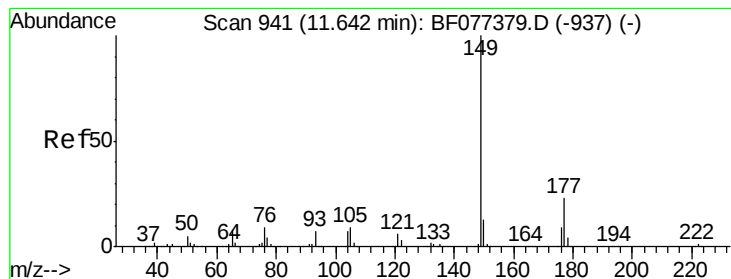
Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	232	Resp:	77638
Ion Ratio	Lower	Upper	
232	100		
131	45.2	34.2	51.2
130	3.0	1.8	2.6
166	30.6	24.3	36.5





#59

Diethylphthalate

Concen: 23.40 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

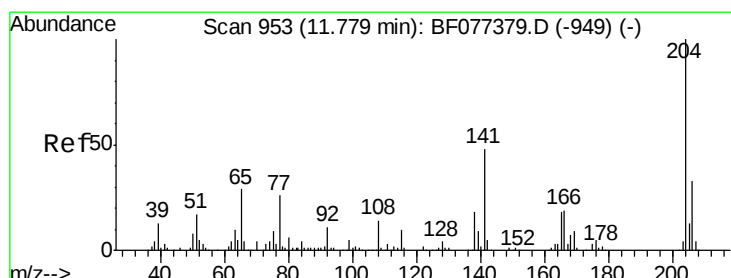
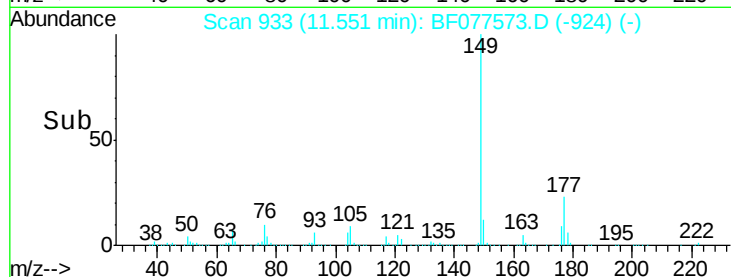
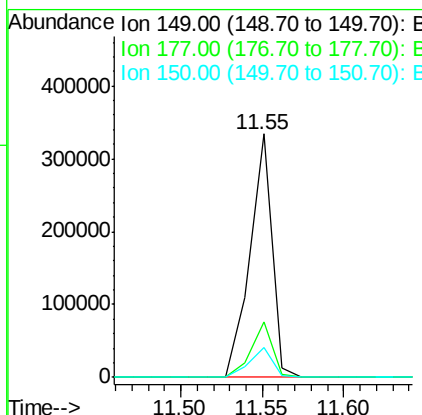
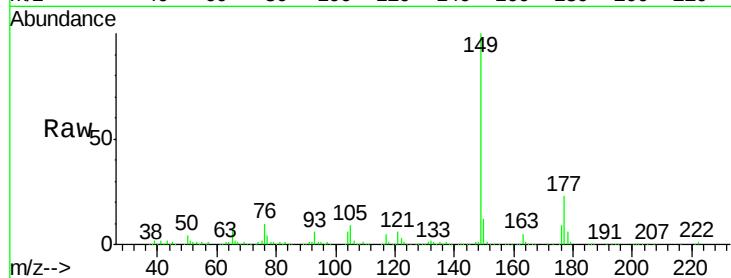
ClientSampleId :

VMA-2MS

Tgt Ion:	149	Resp:	313008
Ion Ratio	Lower	Upper	
149	100		
177	22.9	17.2	25.8
150	12.1	10.5	15.7

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#60

4-Chlorophenyl-phenylether

Concen: 22.21 ng

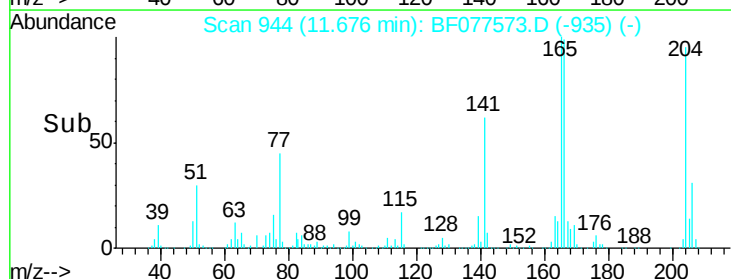
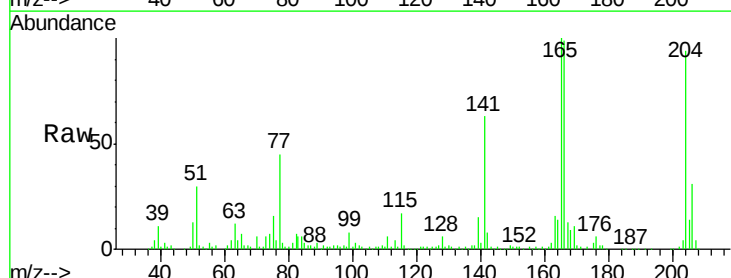
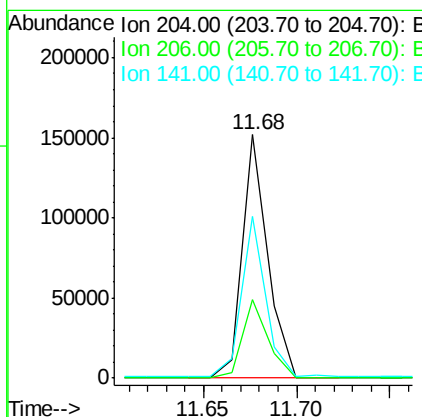
RT: 11.68 min Scan# 944

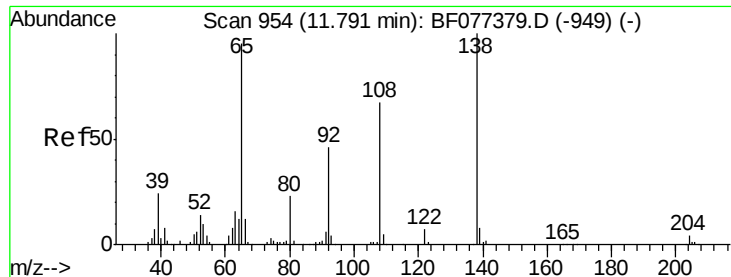
Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	204	Resp:	143120
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.9	38.9
141	66.3	43.6	65.4#





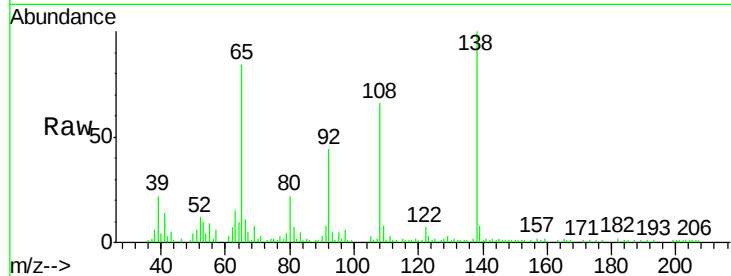
#61
4-Nitroaniline
Concen: 23.97 ng
RT: 11.69 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.5	32.8	72.8
108	66.0	52.1	92.1

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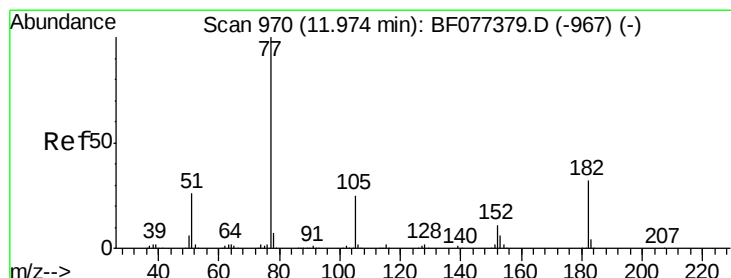
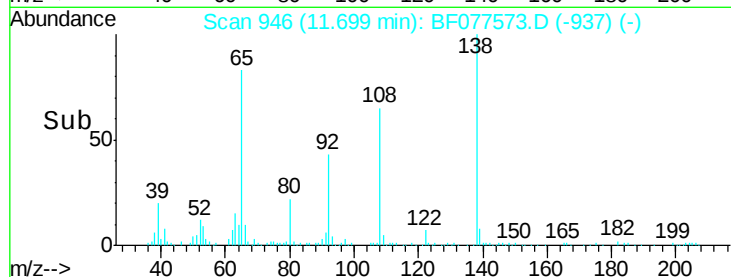
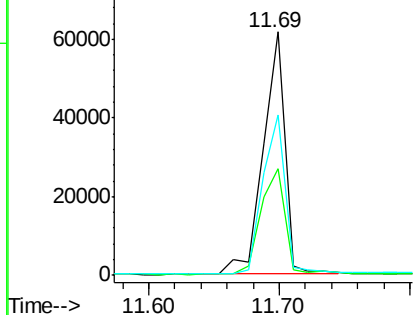


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 24.13 ng
RT: 11.87 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	4.9	44.9
105	22.2	3.3	43.3
51	30.1	8.9	48.9

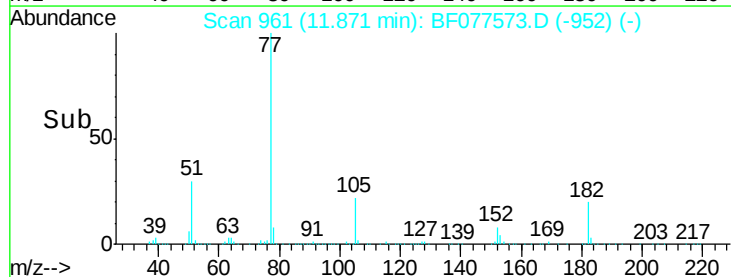
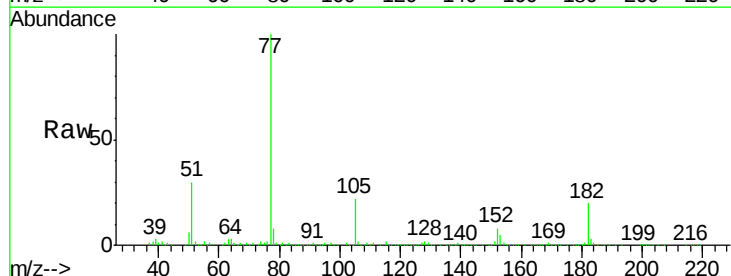
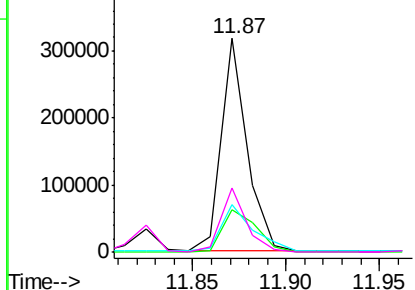
Abundance

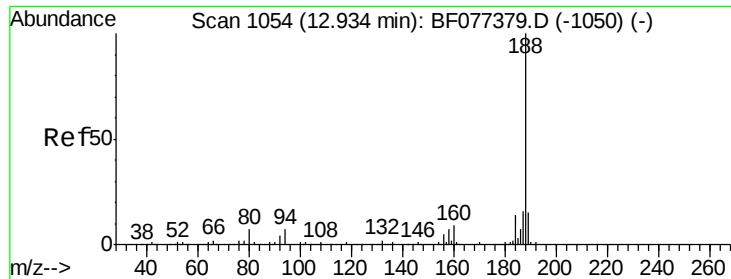
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.83 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

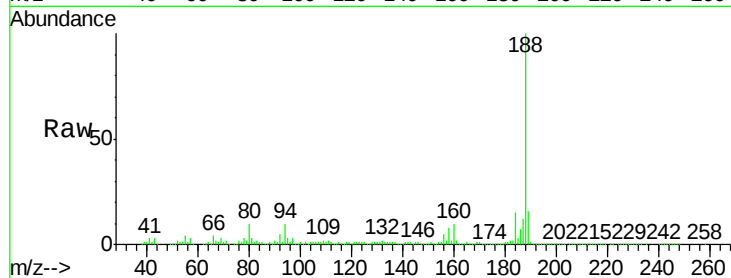
ClientSampleId :

VMA-2MS

Tgt Ion:	188	Resp:	367384
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.4	11.2
80	10.5	8.0	12.0

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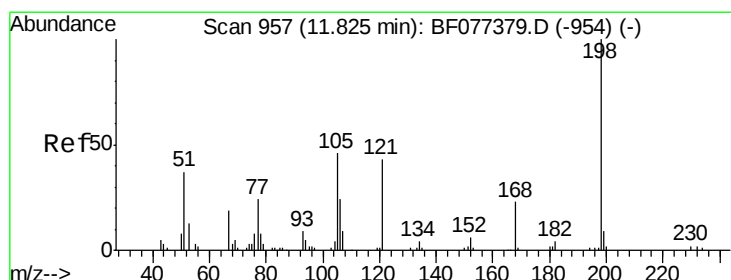
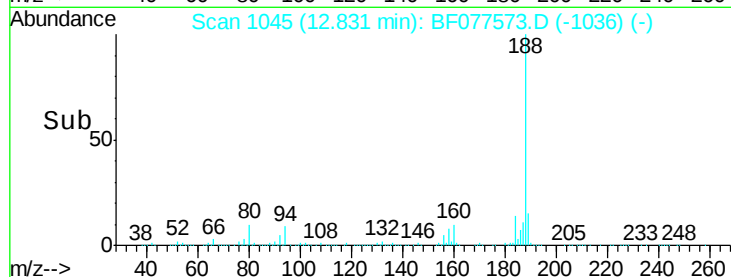
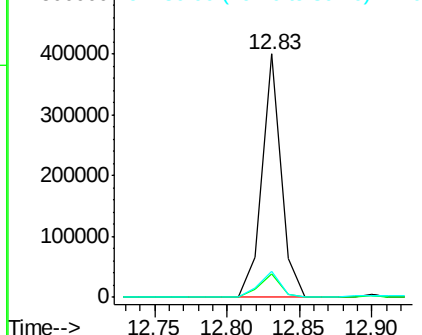
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 14.95 ng

RT: 11.74 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF077573.D

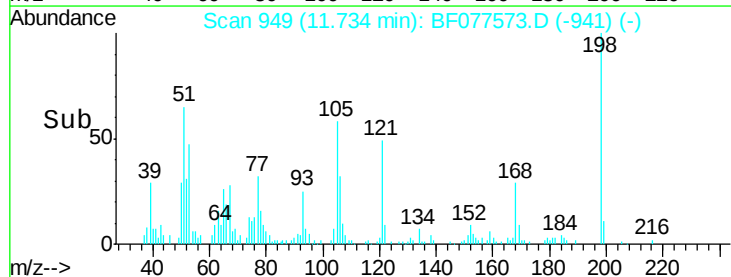
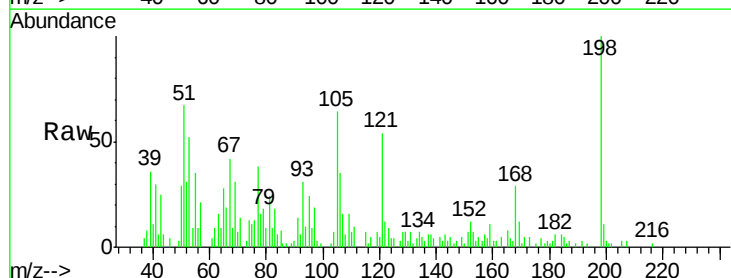
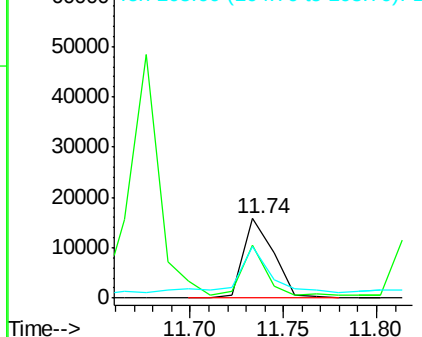
Acq: 4 Mar 2015 5:16

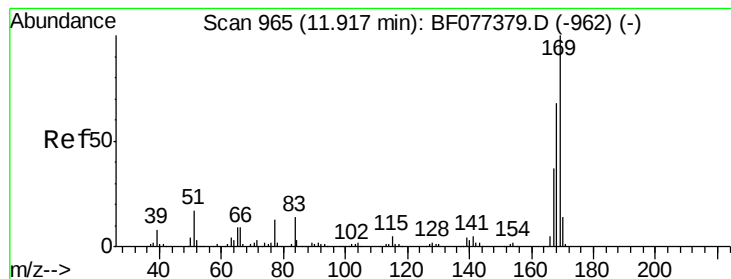
Tgt Ion:	198	Resp:	17847
Ion Ratio	Lower	Upper	
198	100		
51	66.9	2.7	42.7#
105	64.4	10.0	50.0#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 23.84 ng

RT: 11.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

Tgt Ion:169 Resp: 290549

Ion Ratio Lower Upper

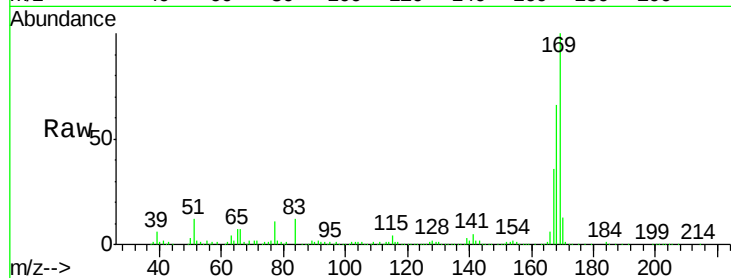
169 100

168 65.8 53.0 79.6

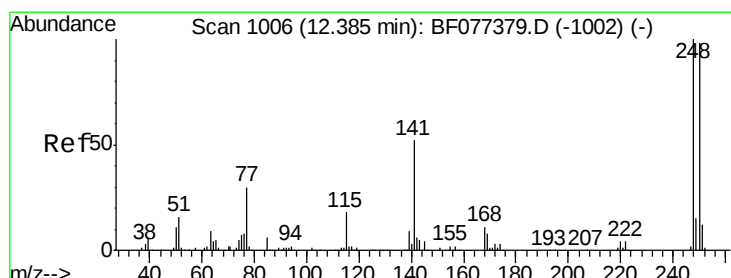
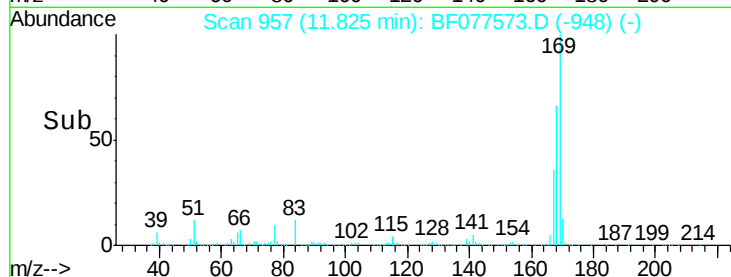
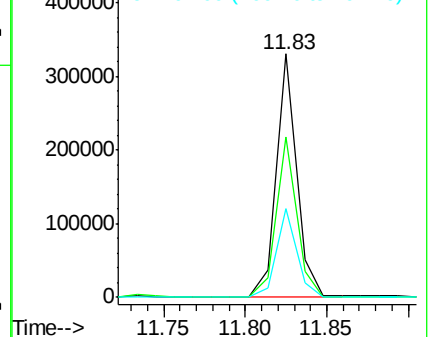
167 36.2 29.5 44.3

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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: 20.87 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

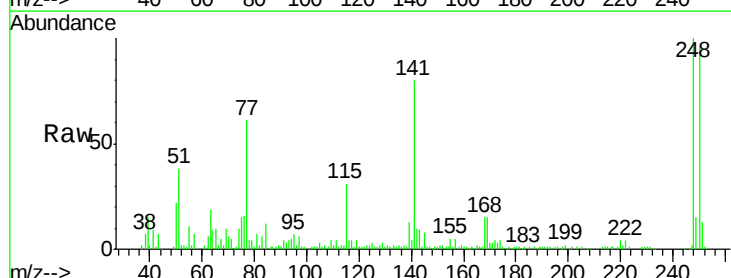
Tgt Ion:248 Resp: 89800

Ion Ratio Lower Upper

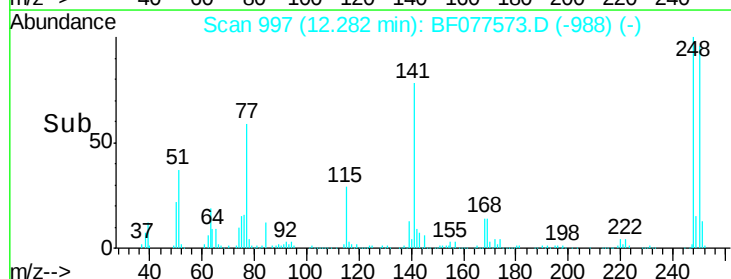
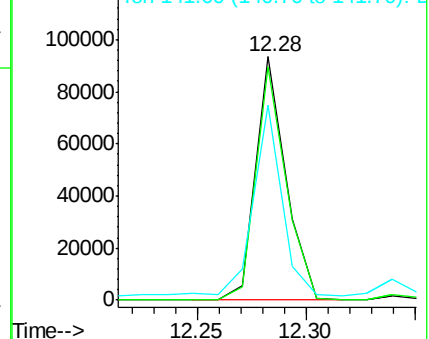
248 100

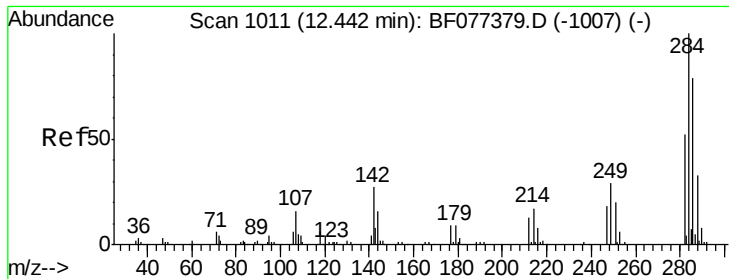
250 95.7 78.0 117.0

141 79.9 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: 21.03 ng

RT: 12.34 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

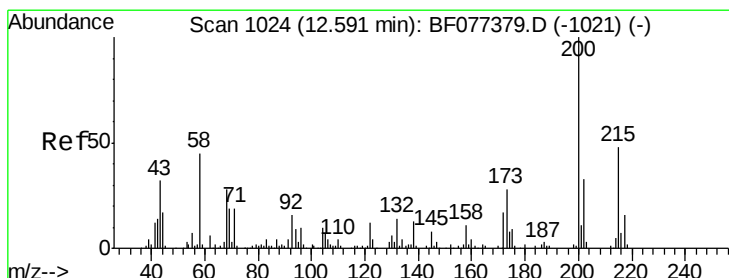
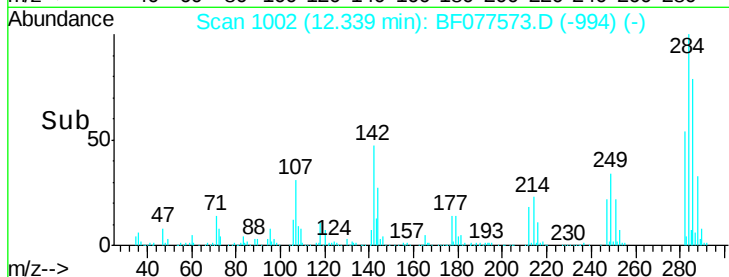
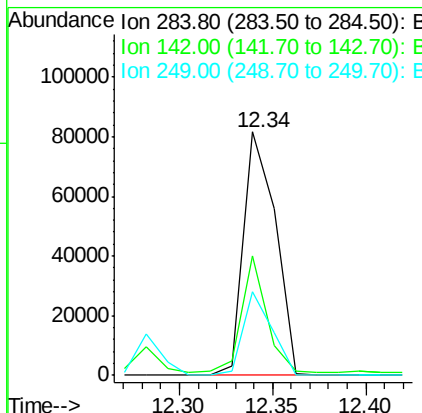
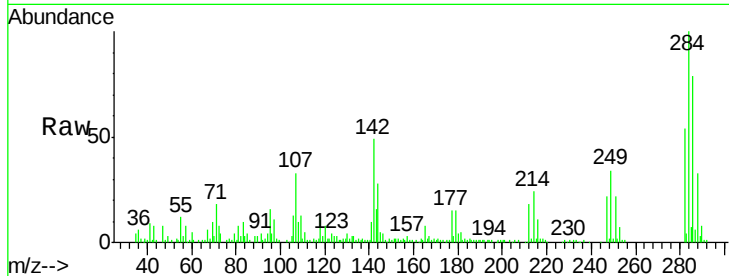
ClientSampleId :

VMA-2MS

Tgt Ion:	284	Resp:	97097
Ion Ratio	Lower	Upper	
284	100		
142	49.0	31.6	47.4#
249	34.1	27.0	40.4

Manual Integrations
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#68

Atrazine

Concen: 21.57 ng

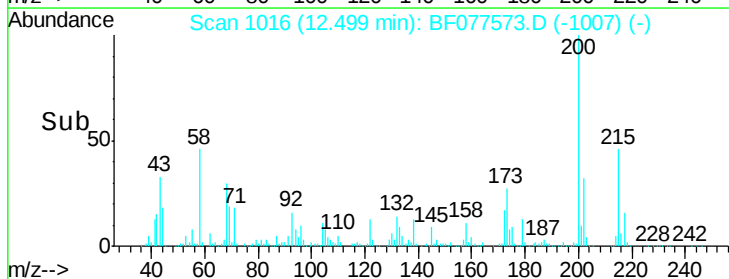
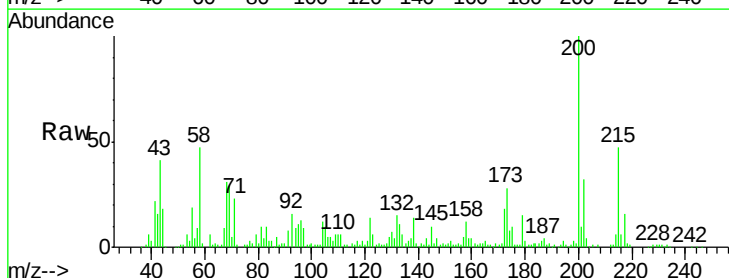
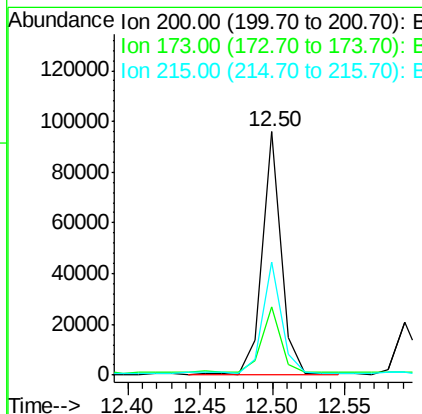
RT: 12.50 min Scan# 1016

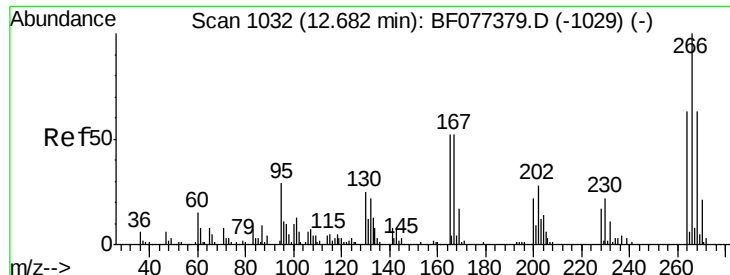
Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	200	Resp:	85464
Ion Ratio	Lower	Upper	
200	100		
173	28.3	9.6	49.6
215	46.7	24.4	64.4





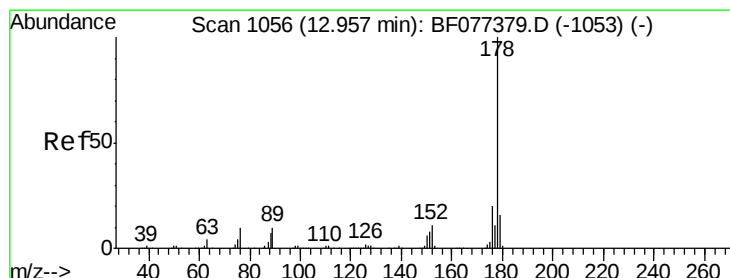
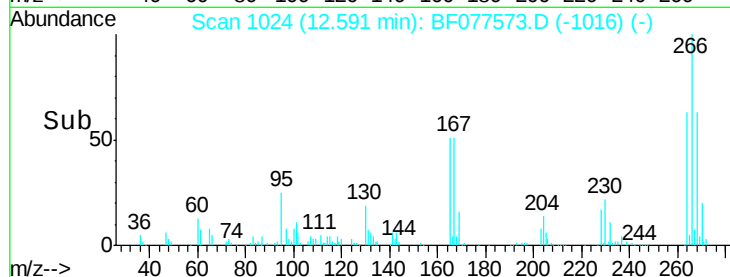
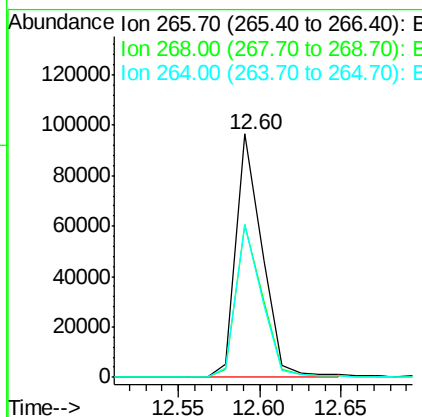
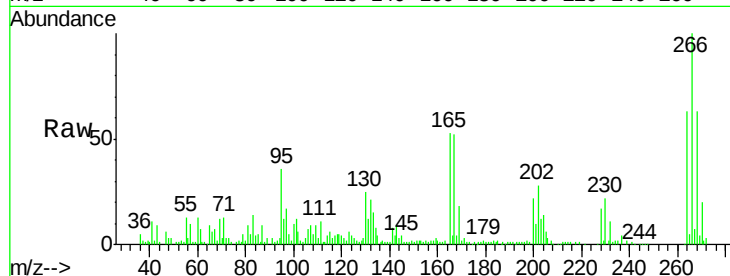
#69
 Pentachlorophenol
 Concen: 44.37 ng
 RT: 12.60 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	107691		
268	62.8	51.2	76.8	
264	62.7	50.7	76.1	

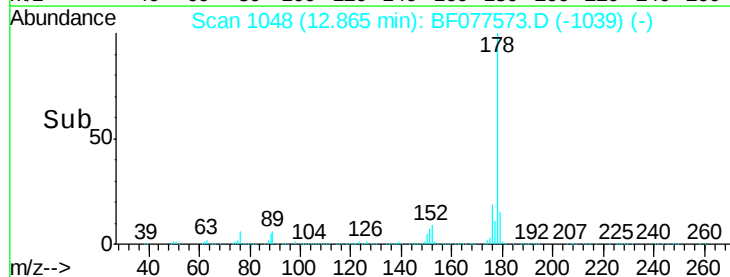
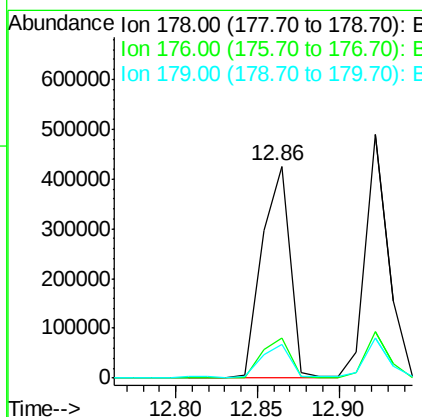
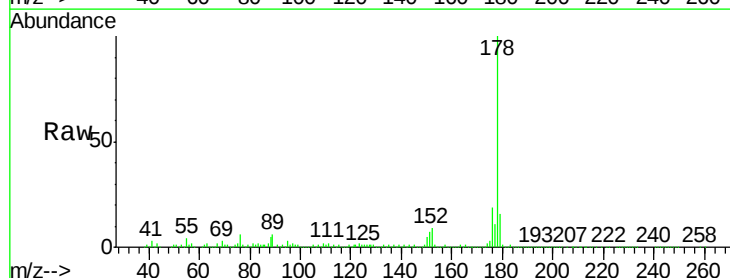
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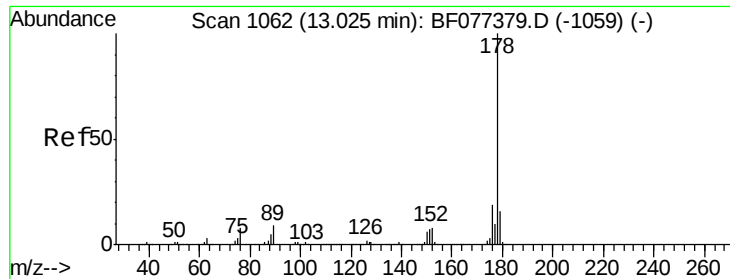
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#70
 Phenanthrene
 Concen: 23.77 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	506082		
176	19.0	15.5	23.3	
179	15.7	12.2	18.2	





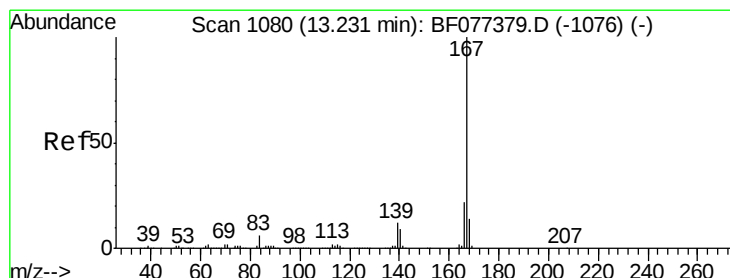
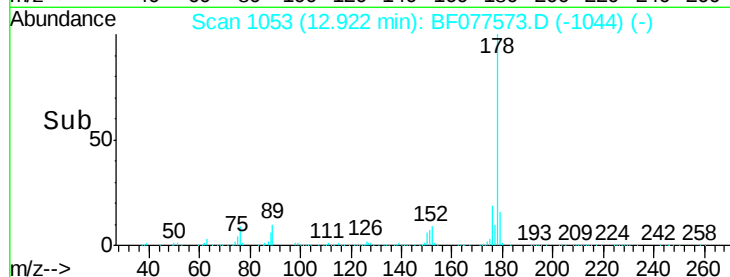
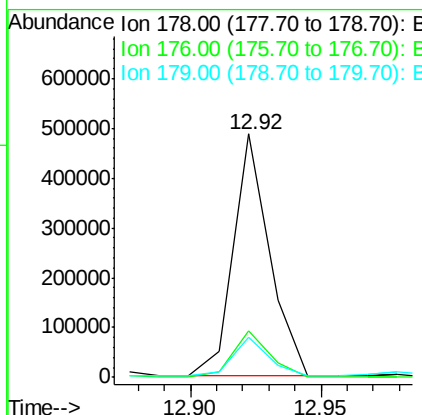
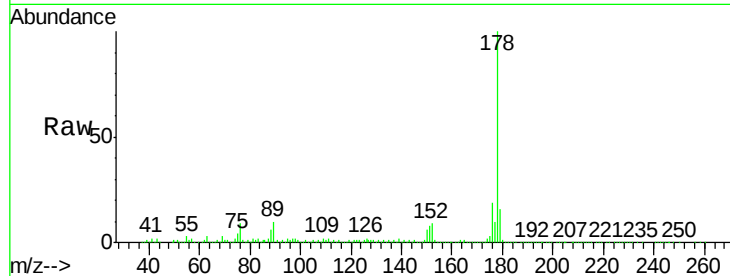
#71
 Anthracene
 Concen: 22.46 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	16.4	12.9	19.3

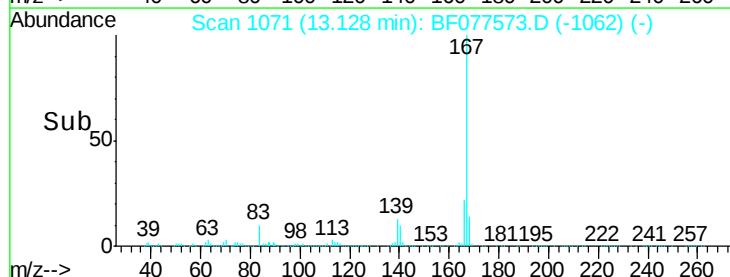
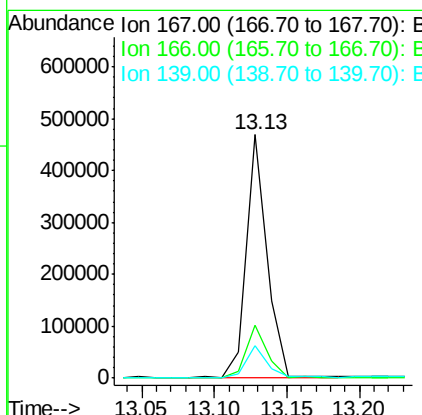
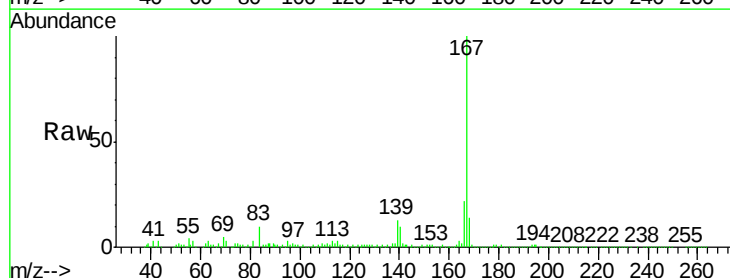
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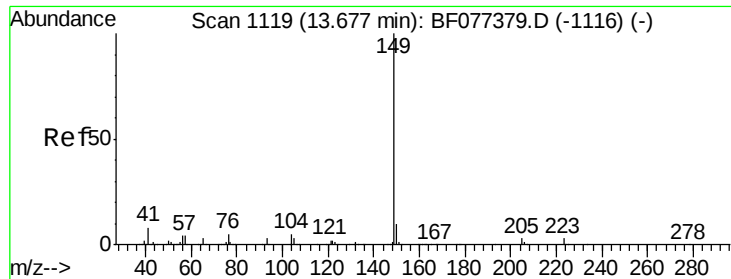
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#72
 Carbazole
 Concen: 22.85 ng
 RT: 13.13 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.3	9.9	14.9





#73

Di-n-butylphthalate

Concen: 20.43 ng

RT: 13.58 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

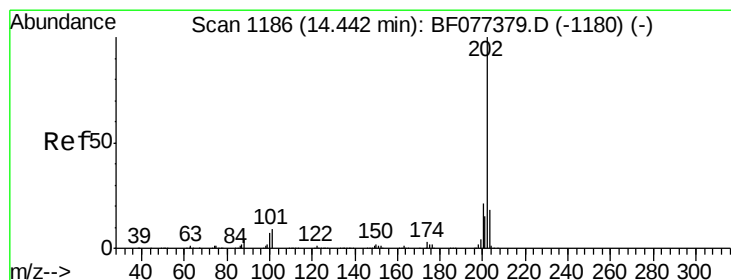
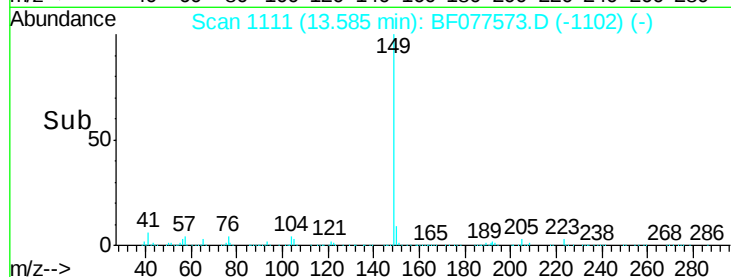
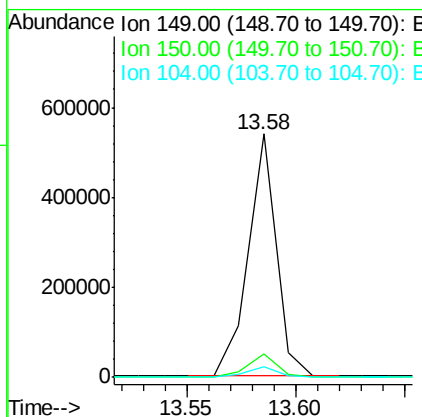
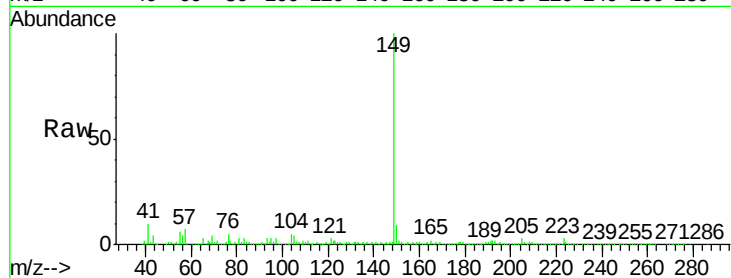
ClientSampleId :

VMA-2MS

Tgt Ion:	149	Resp:	481990
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.8
104	4.5	4.1	6.1

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#74

Fluoranthene

Concen: 23.06 ng

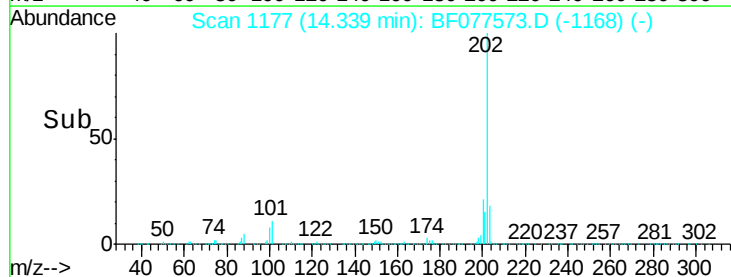
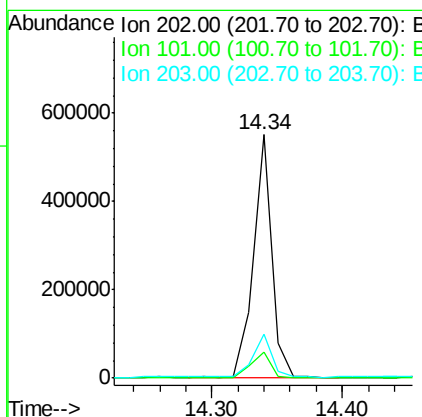
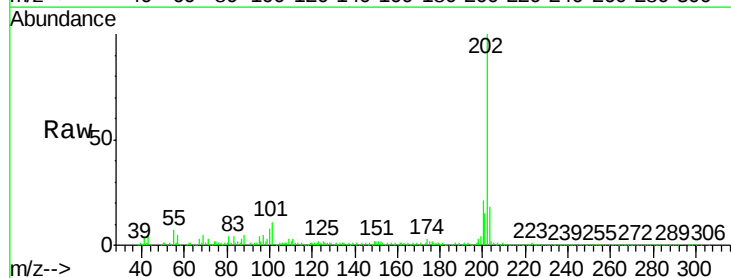
RT: 14.34 min Scan# 1177

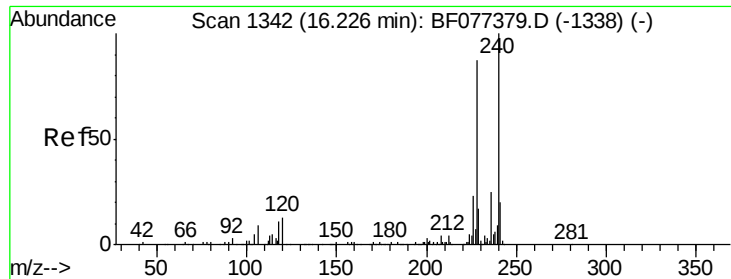
Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	202	Resp:	536267
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.8
203	18.1	0.0	37.7





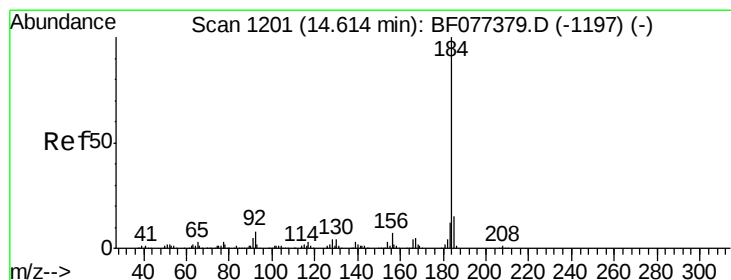
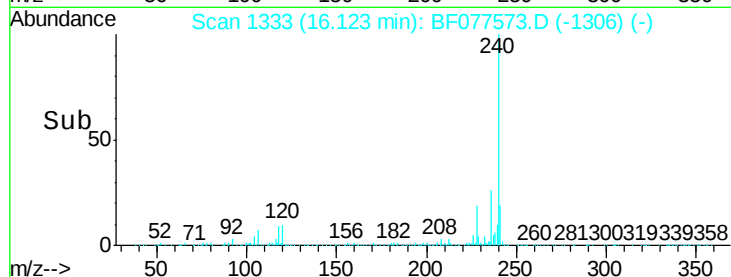
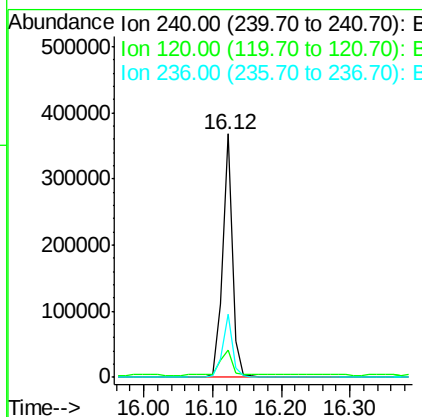
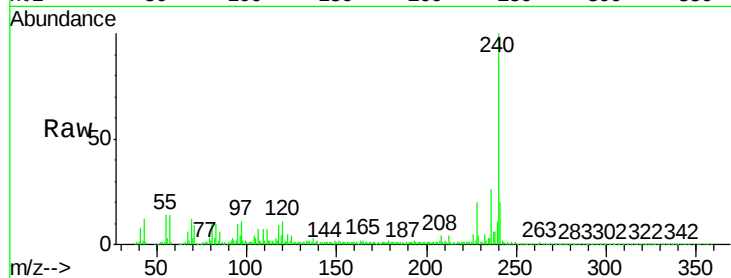
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	25.8	20.7	31.1

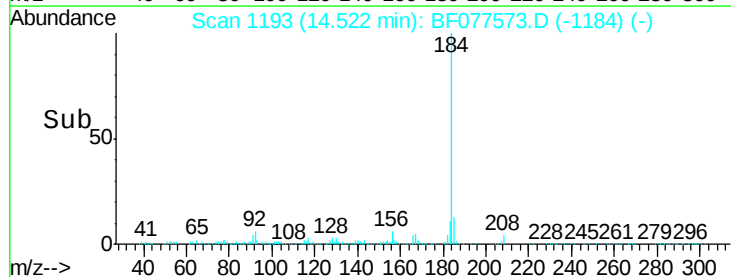
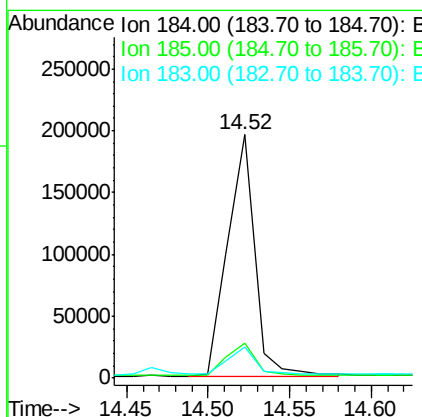
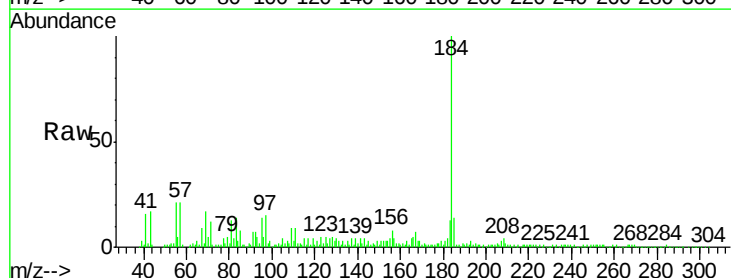
Manual Integrations
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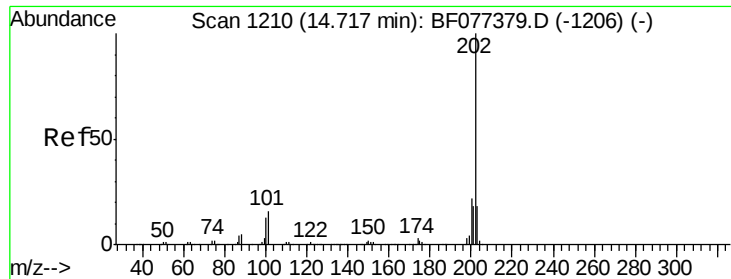
mohammad
3/4/2015 4:42:28 PM



#76
Benzidine
Concen: 17.88 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	12.9	9.3	13.9





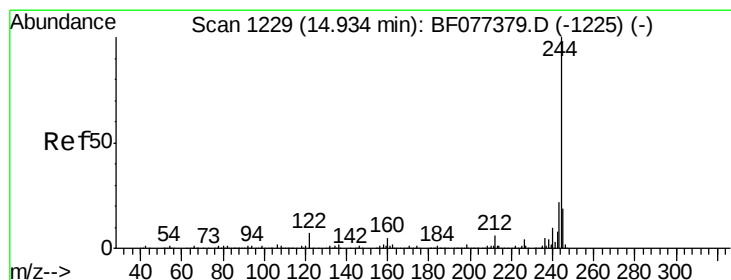
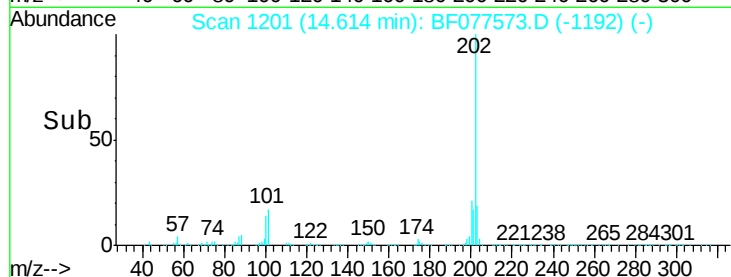
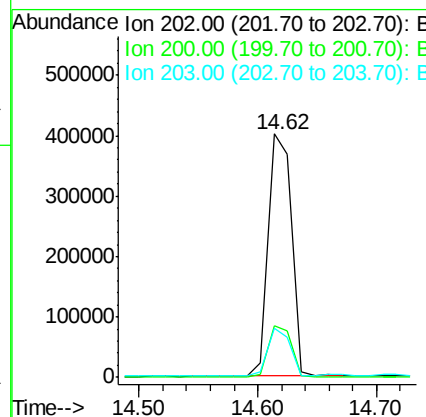
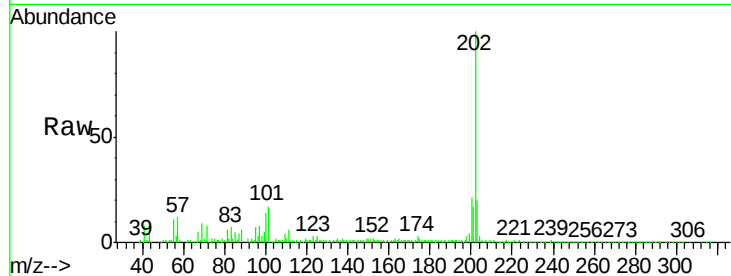
#77
 Pyrene
 Concen: 24.10 ng
 RT: 14.62 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion:	202	Resp:	551352
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.1	25.7
203	19.9	14.2	21.2

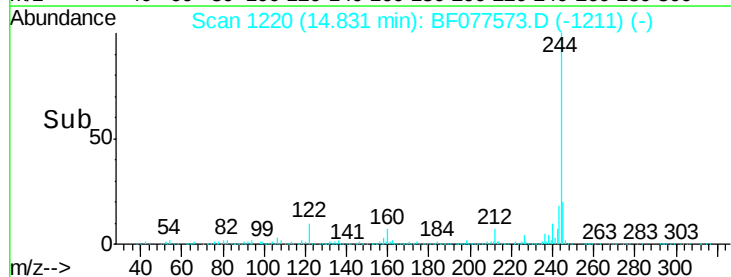
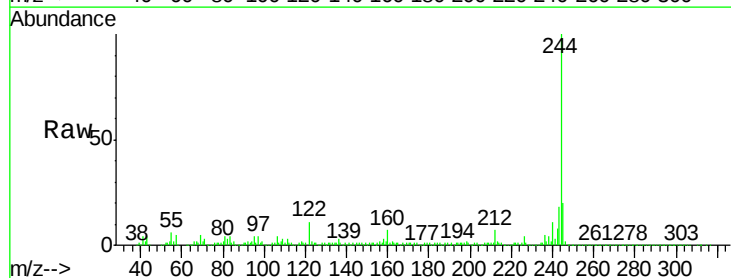
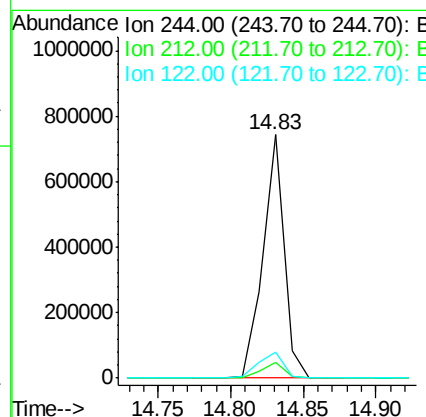
Manual Integrations
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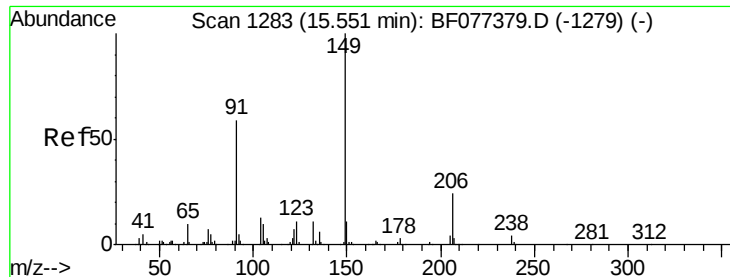
mohammad
 3/4/2015 4:42:28 PM



#78
 Terphenyl-d14
 Concen: 47.02 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion:	244	Resp:	752244
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.8	7.8	11.8





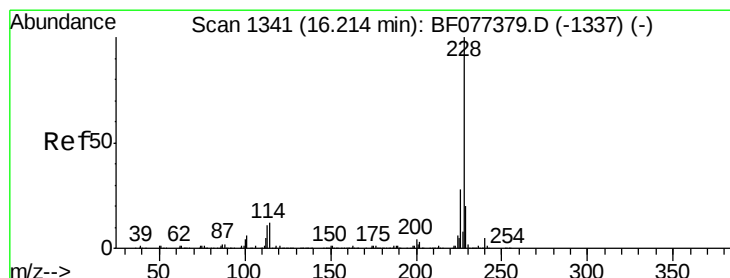
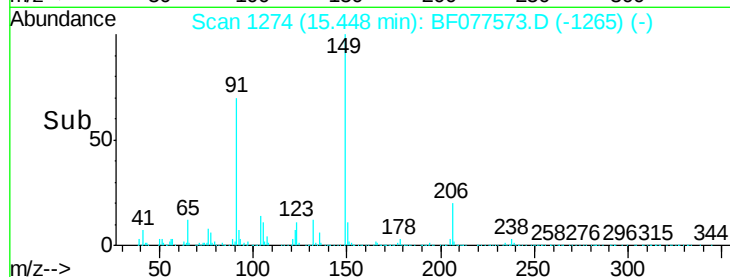
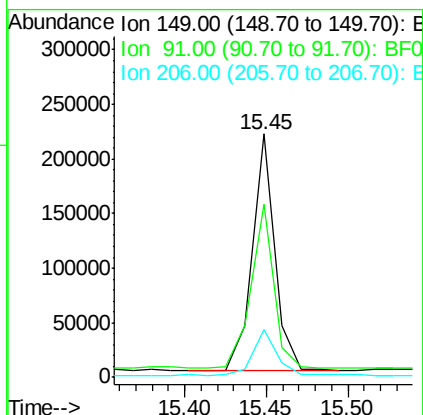
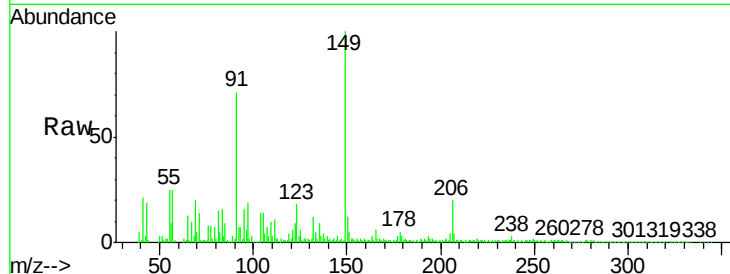
#79
Butylbenzylphthalate
Concen: 21.88 ng
RT: 15.45 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.3	51.2	76.8
206	19.9	17.8	26.8

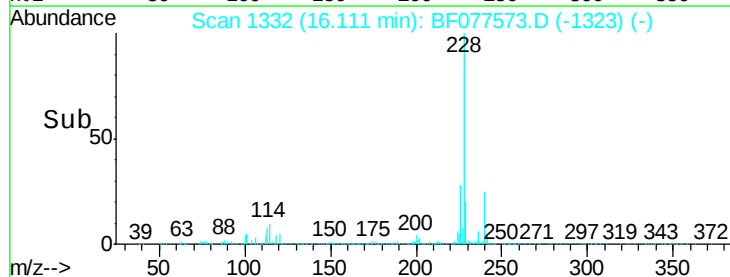
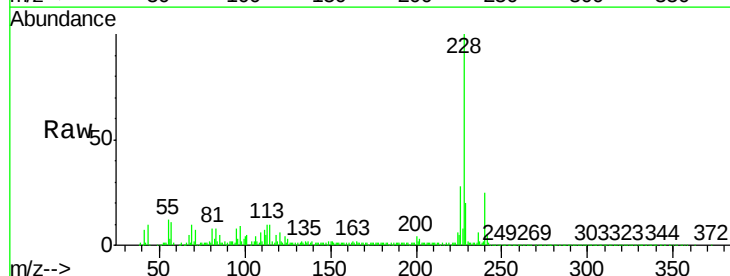
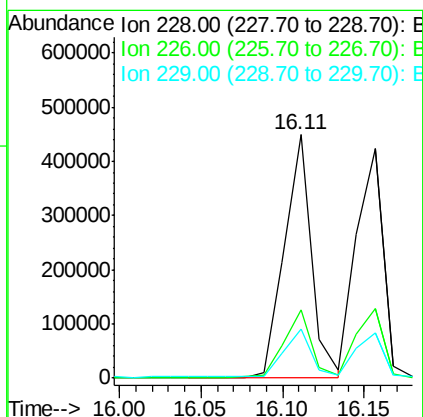
Manual Integrations
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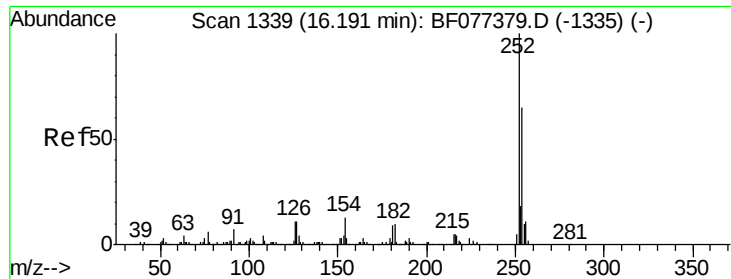
mohammad
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#80
Benzo(a)anthracene
Concen: 23.68 ng
RT: 16.11 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.0	33.0
229	20.3	15.8	23.8





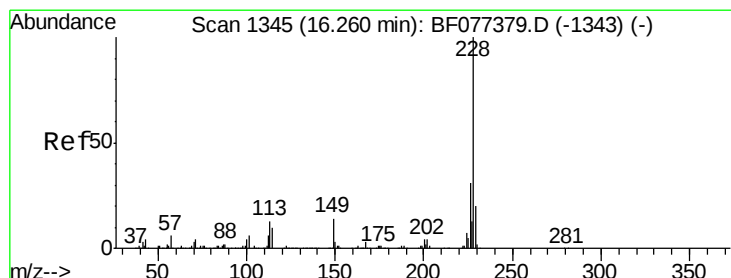
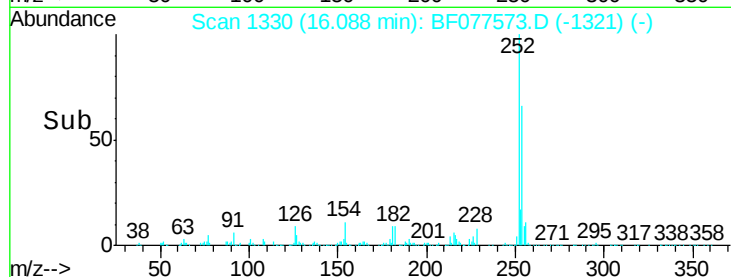
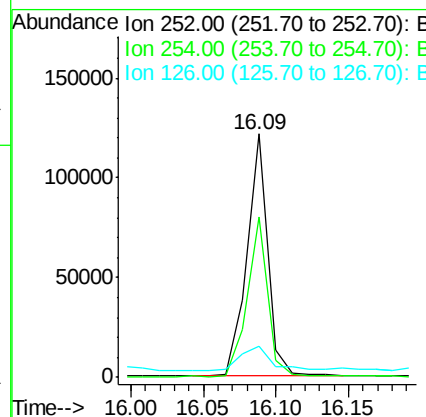
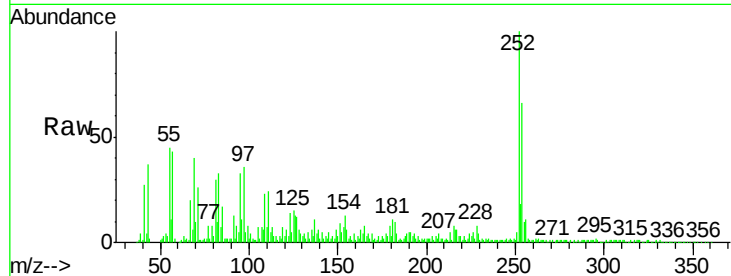
#81
 3,3'-Dichlorobenzidine
 Concen: 15.04 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	66.1	52.9	79.3
126	13.0	7.3	10.9

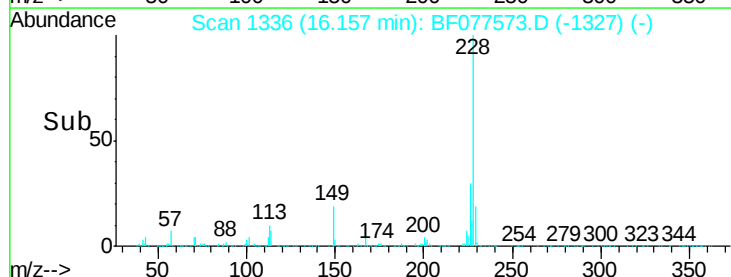
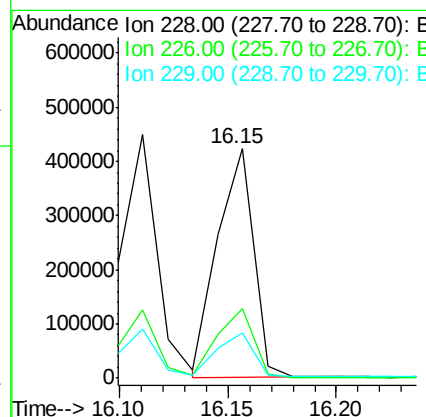
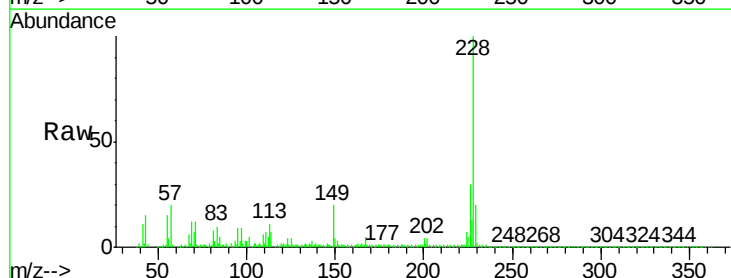
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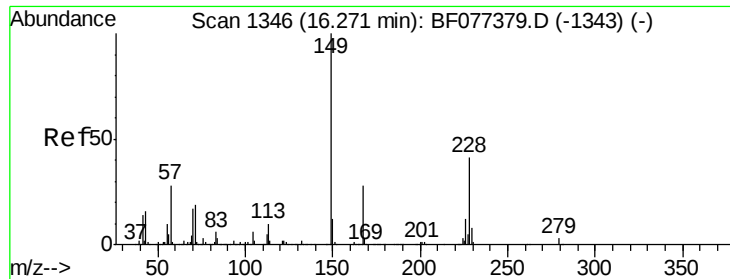
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#82
 Chrysene
 Concen: 23.61 ng
 RT: 16.15 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.9	16.4	24.6





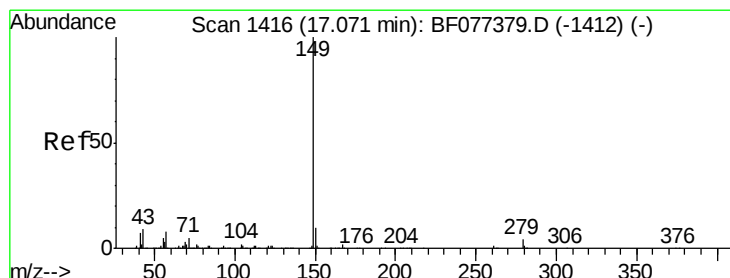
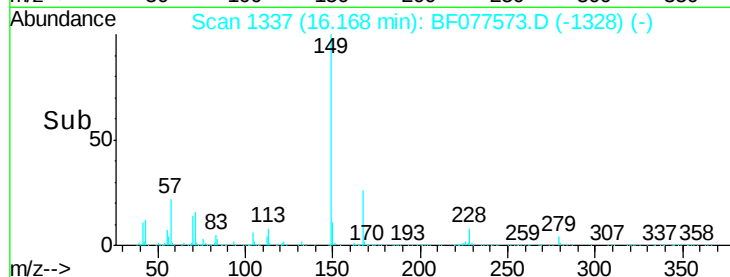
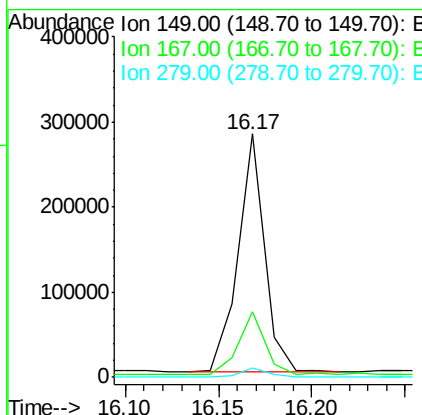
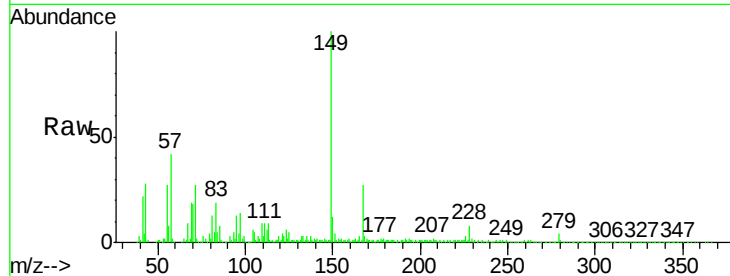
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.31 ng
 RT: 16.17 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	276281		
167	27.1	22.8	34.2	
279	3.7	3.8	5.6#	

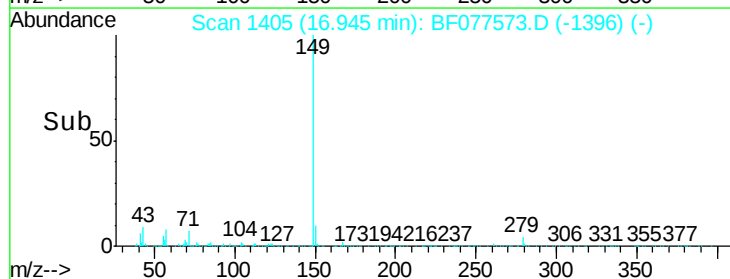
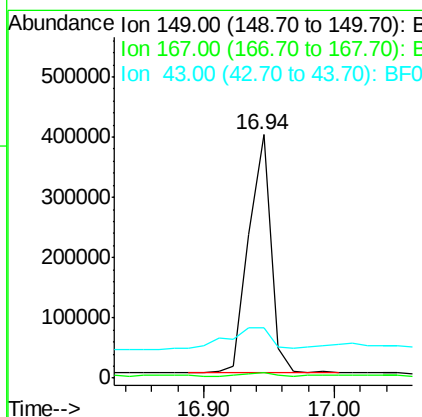
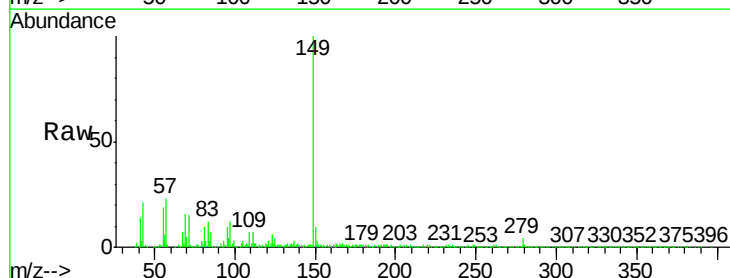
Manual Integrations
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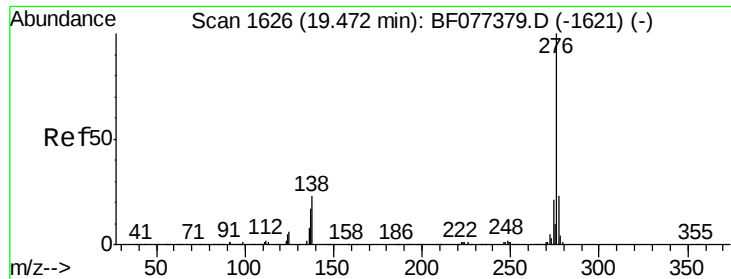
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 18.87 ng
 RT: 16.94 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	475509		
167	1.4	1.3	1.9	
43	16.1	8.1	12.1#	





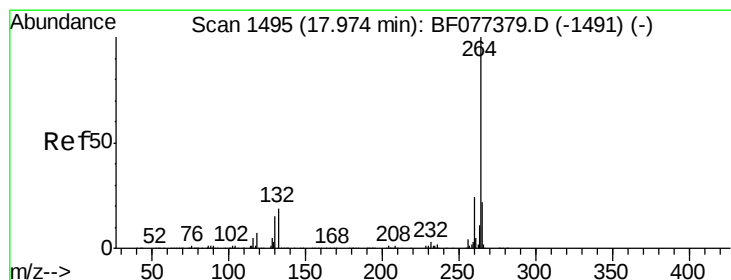
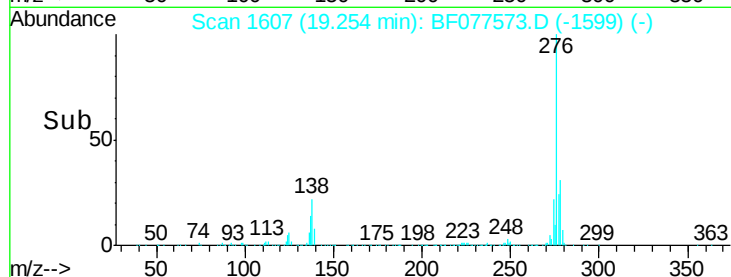
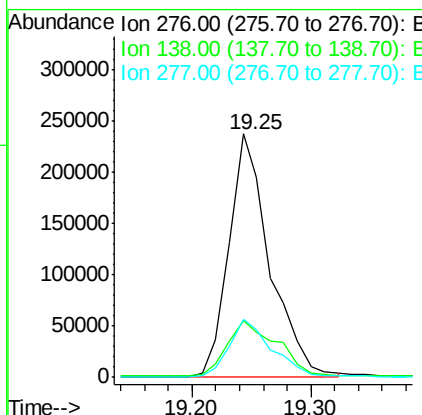
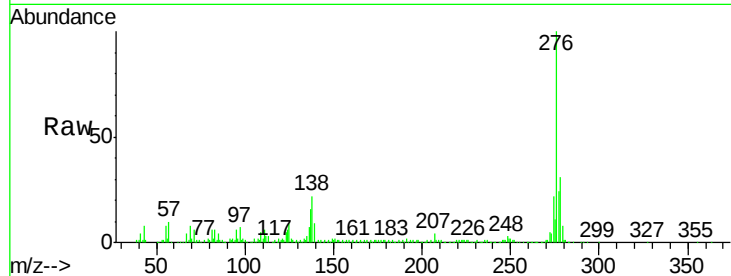
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.08 ng
RT: 19.25 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	565105		
138	27.1	21.2	31.8	
277	24.5	20.0	30.0	

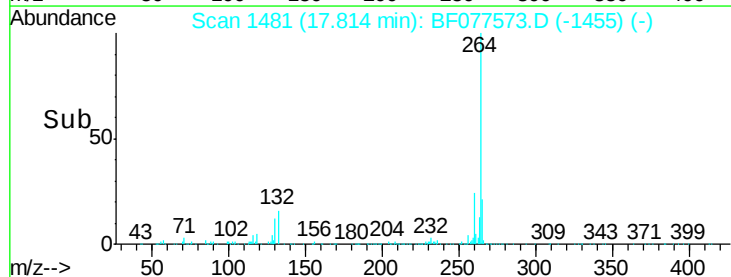
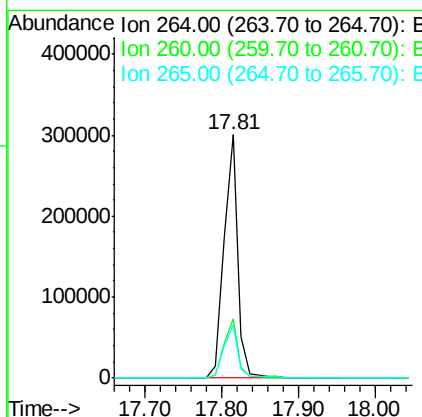
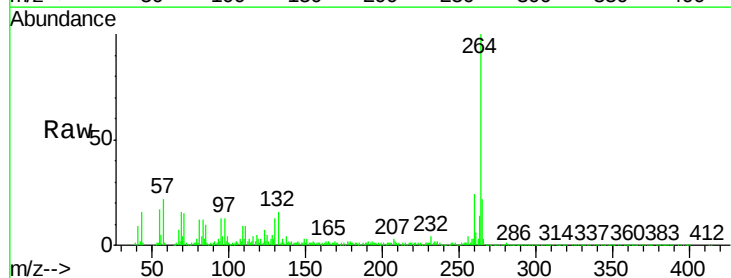
Manual Integrations
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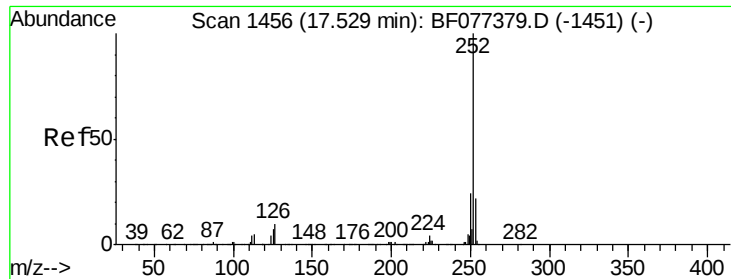
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	376987		
260	24.2	19.3	28.9	
265	21.6	16.8	25.2	





#87

Benzo(b)fluoranthene

Concen: 23.61 ng

RT: 17.38 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

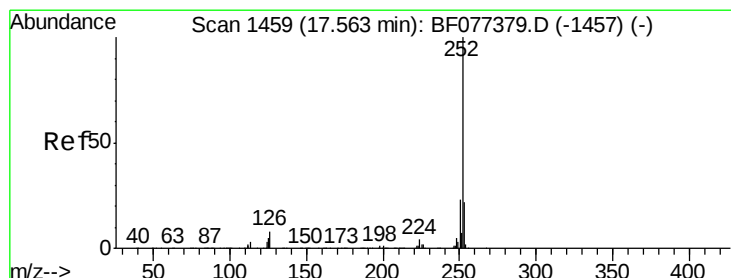
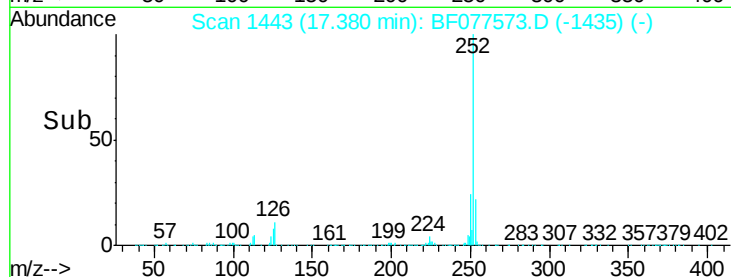
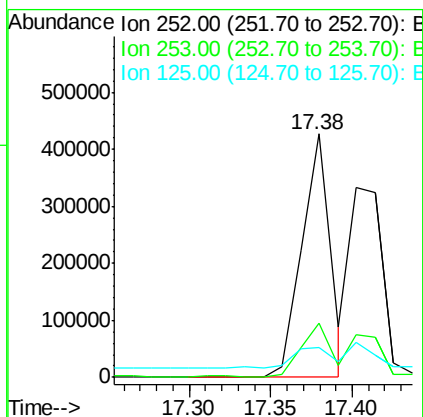
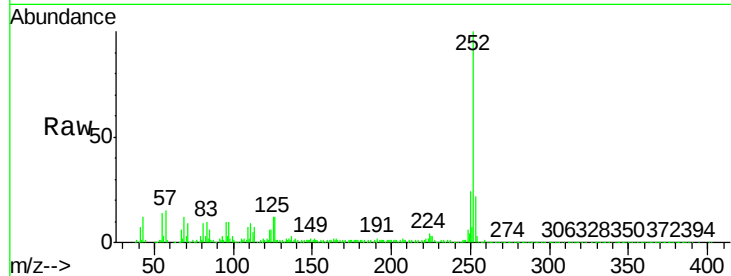
ClientSampleId :

VMA-2MS

Tgt Ion:	252	Resp:	517652
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	12.3	5.4	8.2#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 22.45 ng m

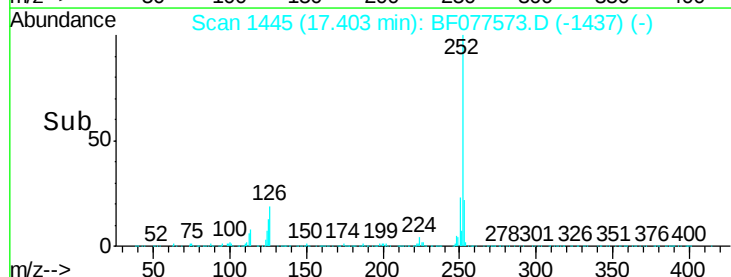
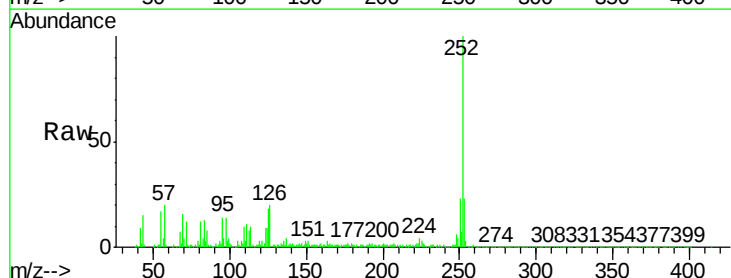
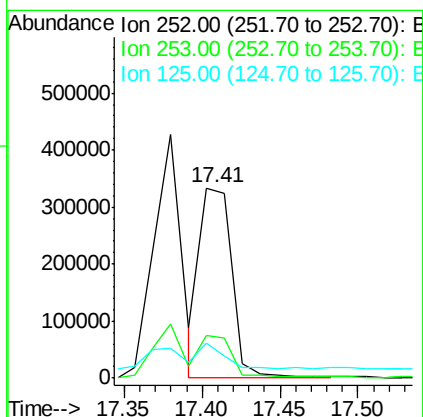
RT: 17.40 min Scan# 1445

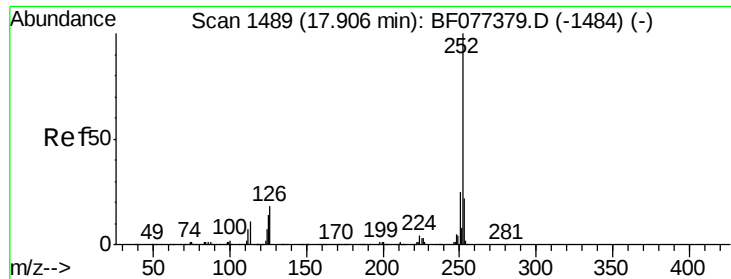
Delta R.T. -0.01 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:	252	Resp:	482296
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	18.5	10.1	15.1#





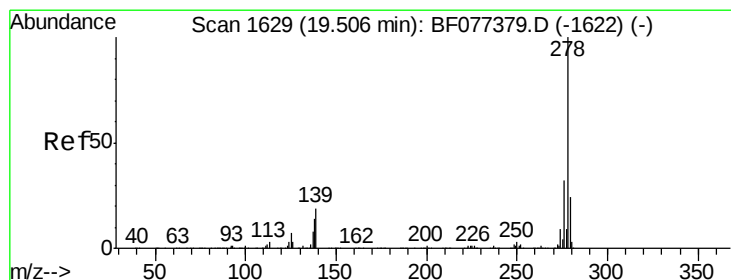
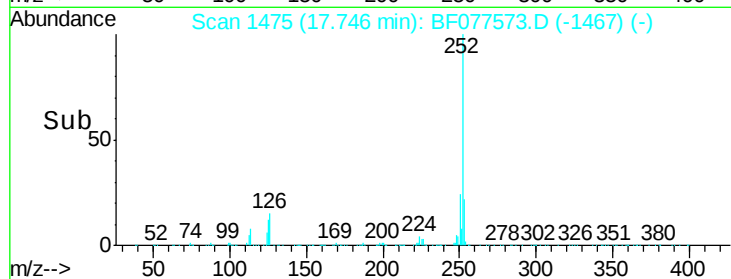
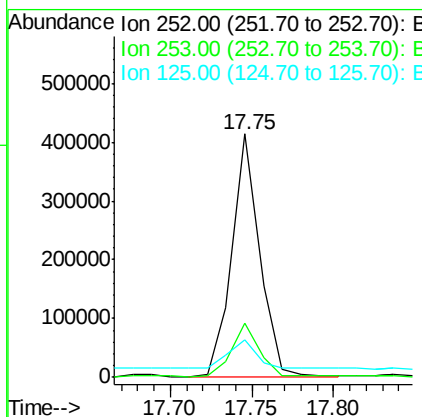
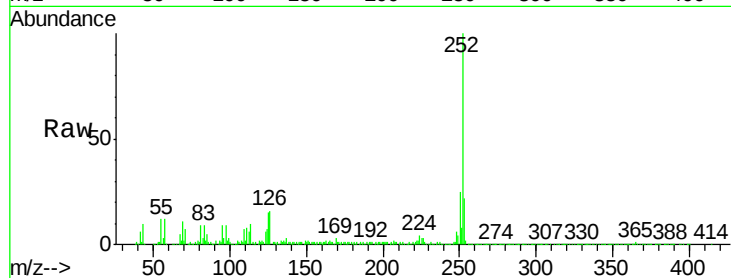
#89
Benzo(a)pyrene
Concen: 23.35 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	18.2	27.2
125	15.2	8.3	12.5#

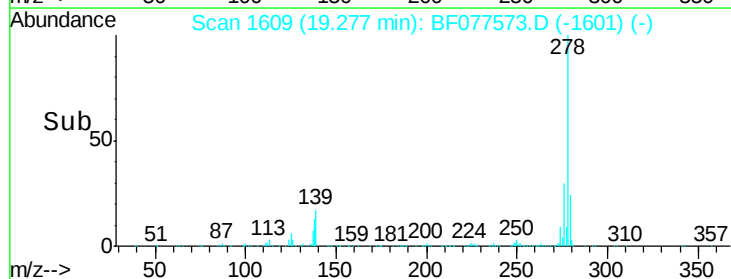
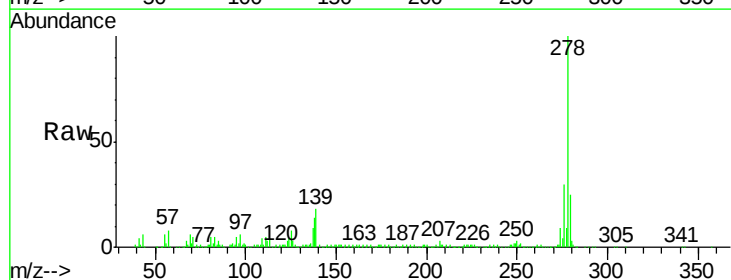
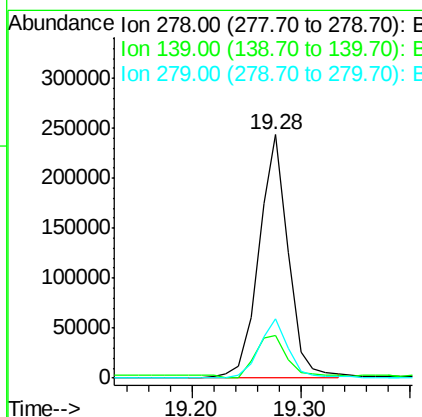
Manual Integrations
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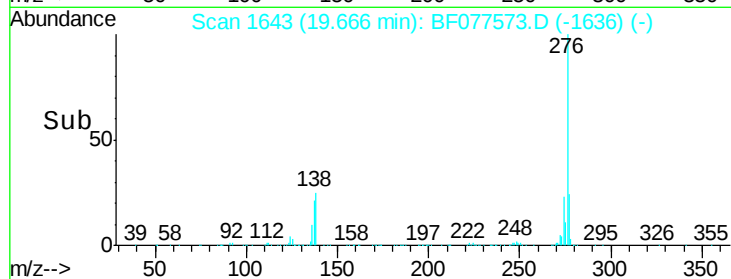
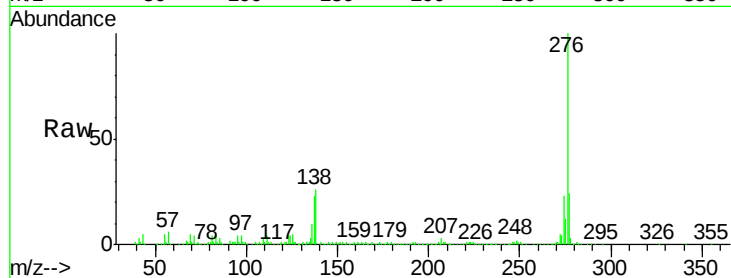
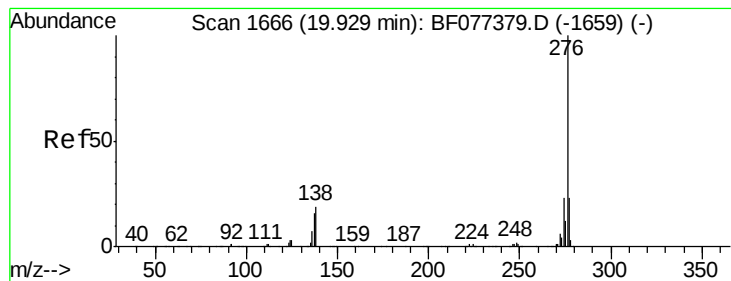
mohammad
3/4/2015 4:42:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 22.77 ng
RT: 19.28 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.6	14.3	21.5
279	24.5	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 24.19 ng

RT: 19.67 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

Tgt Ion:	276	Resp:	486173
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.9	28.3
138	25.7	20.5	30.7

Manual Integrations
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