

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
 Data File : BF077671.D
 Acq On : 10 Mar 2015 20:03
 Operator : TP/IZ
 Sample : G1440-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Manual Integrations
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 3/12/2015 2:21:57 PM

Quant Time: Mar 11 02:01:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	53223	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	210309	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	103117	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	198793	20.00	ng	0.00
75) Chrysene-d12	16.06	240	218601	20.00	ng	-0.02
86) Perylene-d12	17.85	264	220568	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	307753	96.53	ng	0.00
7) Phenol-d6	6.75	99	406720	99.22	ng	0.00
23) Nitrobenzene-d5	7.88	82	226255	66.90	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	98852	99.56	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	465263	70.35	ng	0.00
78) Terphenyl-d14	14.76	244	558164	59.69	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	35547	26.28	ng	# 93
3) Pyridine	2.83	79	96643	24.97	ng	97
4) n-Nitrosodimethylamine	2.73	42	47169	28.03	ng	96
6) Aniline	6.77	93	89025	15.71	ng	# 75
8) 2-Chlorophenol	6.91	128	113842	30.27	ng	99
9) Benzaldehyde	6.63	77	13773	5.53	ng	85
10) Phenol	6.76	94	151821	31.22	ng	83
11) bis(2-Chloroethyl)ether	6.88	93	111684	31.96	ng	96
12) 1,3-Dichlorobenzene	7.11	146	119777	29.25	ng	96
13) 1,4-Dichlorobenzene	7.21	146	120911	29.02	ng	100
14) 1,2-Dichlorobenzene	7.39	146	116709	29.45	ng	100
15) Benzyl Alcohol	7.37	79	92905	29.82	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.55	45	146820	29.39	ng	99
17) 2-Methylphenol	7.52	107	92792	31.57	ng	98
18) Hexachloroethane	7.81	117	40561	29.15	ng	# 79
19) n-Nitroso-di-n-propylamine	7.70	70	86525	33.24	ng	98
20) 3+4-Methylphenols	7.71	107	118271	30.55	ng	# 73
22) Acetophenone	7.69	105	151782	30.68	ng	# 90
24) Nitrobenzene	7.90	77	113123	31.79	ng	99
25) Isophorone	8.20	82	221711	33.04	ng	# 97
26) 2-Nitrophenol	8.30	139	54657	37.48	ng	94
27) 2,4-Dimethylphenol	8.36	122	102152	31.31	ng	98
28) bis(2-Chloroethoxy)methane	8.48	93	129393	30.53	ng	# 93
29) 2,4-Dichlorophenol	8.59	162	98039	32.01	ng	91
30) 1,2,4-Trichlorobenzene	8.69	180	101590	30.17	ng	100
31) Naphthalene	8.79	128	351204	33.39	ng	99
32) Benzoic acid	8.45	122	26178	16.51	ng	# 47
33) 4-Chloroaniline	8.86	127	85949	18.38	ng	96
34) Hexachlorobutadiene	8.94	225	56367	29.32	ng	98
35) Caprolactam	9.28	113	28049	30.00	ng	# 69
36) 4-Chloro-3-methylphenol	9.47	107	99332	32.26	ng	96
37) 2-Methylnaphthalene	9.65	142	435496	58.31	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	95174	32.17	ng	# 97
40) Hexachlorocyclopentadiene	9.84	237	82666	52.11	ng	96

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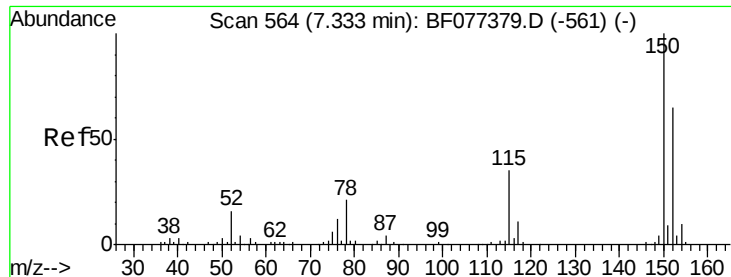
Manual Integrations
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Quant Time: Mar 11 02:01:48 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	68144	34.78	nq	100
43) 2,4,5-Trichlorophenol	10.04	196	71199	33.98	nq	# 84
45) 1,1'-Biphenyl	10.23	154	255080	32.65	nq	97
46) 2-Chloronaphthalene	10.25	162	210178	34.30	nq	97
47) 2-Nitroaniline	10.38	65	54620	36.22	nq	98
48) Acenaphthylene	10.76	152	341790	35.24	nq	98
49) Dimethylphthalate	10.62	163	274658	37.89	nq	99
50) 2,6-Dinitrotoluene	10.69	165	51895	35.70	nq	# 32
51) Acenaphthene	10.97	154	201408	34.80	nq	100
52) 3-Nitroaniline	10.89	138	57859	34.52	nq	# 90
53) 2,4-Dinitrophenol	11.03	184	27254	61.62	nq	# 75
54) Dibenzofuran	11.19	168	309741	34.66	nq	94
55) 4-Nitrophenol	11.10	139	102173	75.80	nq	# 71
56) 2,4-Dinitrotoluene	11.18	165	79450	40.45	nq	# 84
57) Fluorene	11.61	166	279812	39.16	nq	96
58) 2,3,4,6-Tetrachlorophenol	11.34	232	55170	32.75	nq	# 75
59) Diethylphthalate	11.49	149	235225	32.92	nq	98
60) 4-Chlorophenyl-phenylether	11.62	204	106375	30.90	nq	# 85
61) 4-Nitroaniline	11.64	138	55944	34.83	nq	89
62) Azobenzene	11.82	77	233960	34.51	nq	94
64) 4,6-Dinitro-2-methylphenol	11.68	198	24682	32.42	nq	# 57
65) n-Nitrosodiphenylamine	11.77	169	279161	42.32	nq	93
66) 4-Bromophenyl-phenylether	12.23	248	67432	28.97	nq	# 90
67) Hexachlorobenzene	12.29	284	70321	28.14	nq	# 92
68) Atrazine	12.44	200	73698	34.37	nq	98
69) Pentachlorophenol	12.54	266	79958	60.89	nq	99
70) Phenanthrene	12.80	178	443510	38.49	nq	99
71) Anthracene	12.86	178	371876	32.52	nq	99
72) Carbazole	13.07	167	357622	32.90	nq	99
73) Di-n-butylphthalate	13.52	149	401288	31.43	nq	99
74) Fluoranthene	14.27	202	405837	32.25	nq	97
76) Benzidine	14.46	184	218176	29.54	nq	98
77) Pyrene	14.55	202	434204	32.47	nq	99
79) Butylbenzylphthalate	15.38	149	179371	32.60	nq	# 83
80) Benzo(a)anthracene	16.05	228	416281	32.49	nq	99
81) 3,3'-Dichlorobenzidine	16.03	252	103430	22.03	nq	# 98
82) Chrysene	16.10	228	385857	32.07	nq	97
83) Bis(2-ethylhexyl)phthalate	16.12	149	266283	30.18	nq	97
84) Di-n-octyl phthalate	16.94	149	466439	31.67	nq	98
85) Indeno(1,2,3-cd)pyrene	19.28	276	453653m	33.07	nq	
87) Benzo(b)fluoranthene	17.39	252	400964	31.26	nq	# 97
88) Benzo(k)fluoranthene	17.43	252	409745m	32.60	nq	
89) Benzo(a)pyrene	17.79	252	388839	31.83	nq	97
90) Dibenzo(a,h)anthracene	19.30	278	381096	32.71	nq	97
91) Benzo(g,h,i)perylene	19.68	276	386140	32.84	nq	99

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



#1

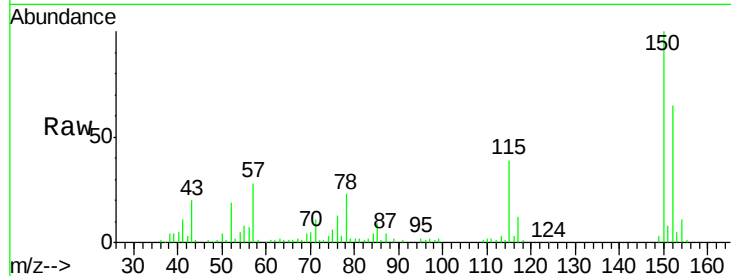
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.0	186.0
115	59.5	49.4	74.2

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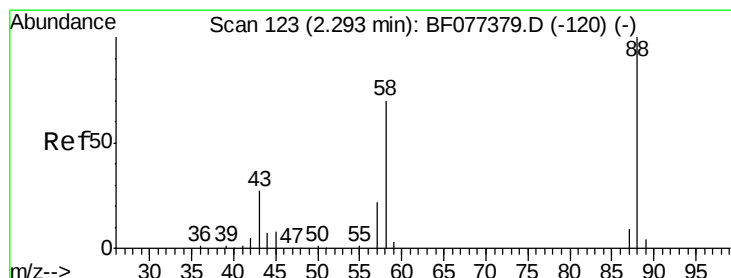
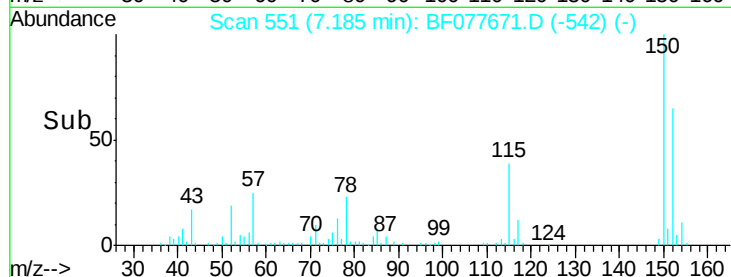
Abundance

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

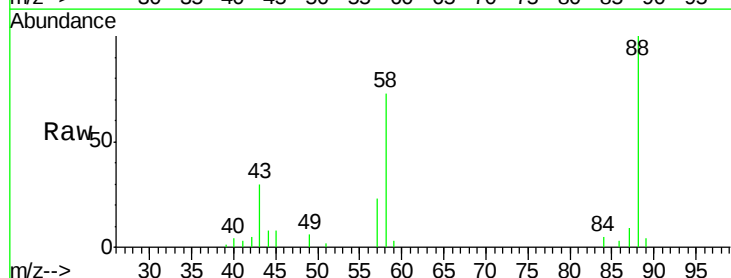
Time-->



#2

1,4-Dioxane
Concen: 26.28 ng
RT: 2.10 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	62.1	93.1
43	36.4	24.0	36.0



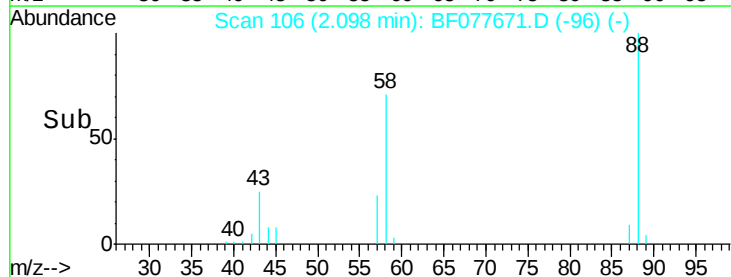
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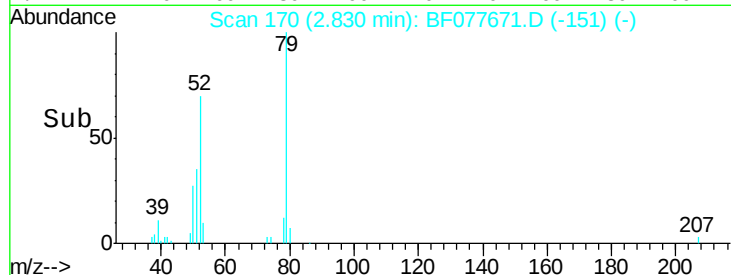
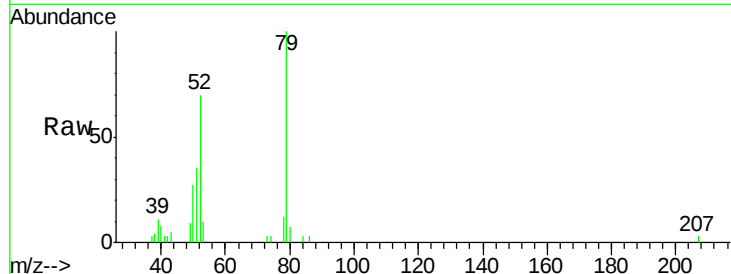
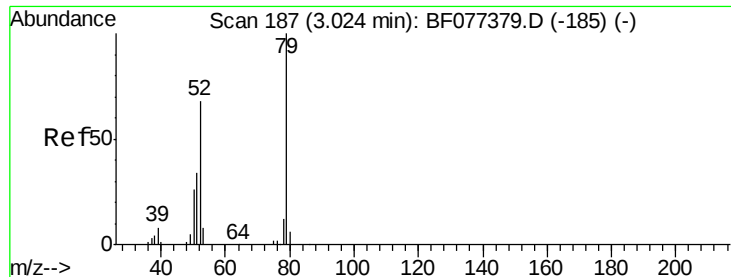
Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

Time-->





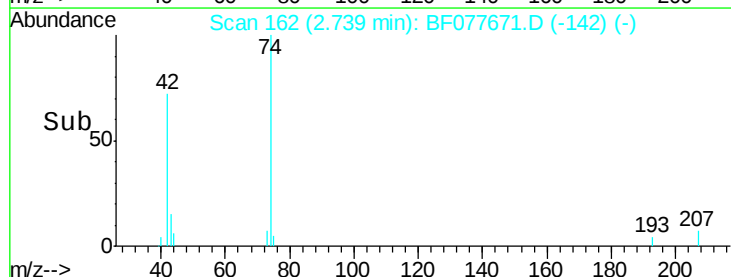
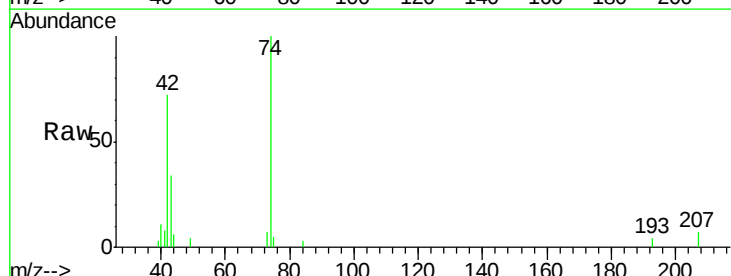
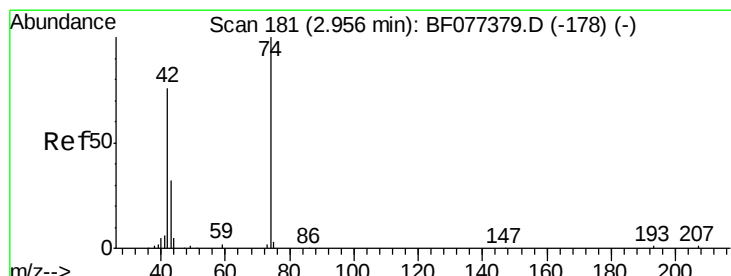
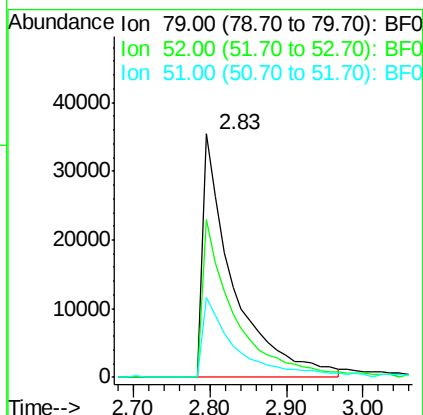
#3
 Pvridine
 Concen: 24.97 ng
 RT: 2.83 min Scan# 170
 Delta R.T. 0.02 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	69.5		57.7	86.5
51	51	34.7		28.5	42.7

Instrument :
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 ClientSampleId :
 B2(8-9)MS

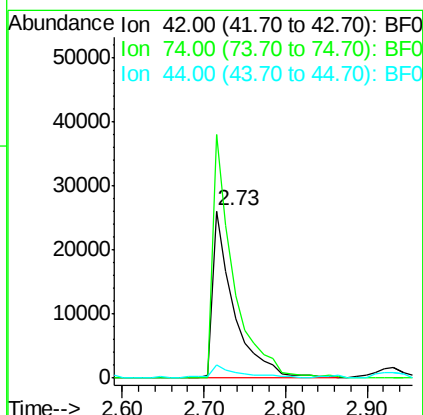
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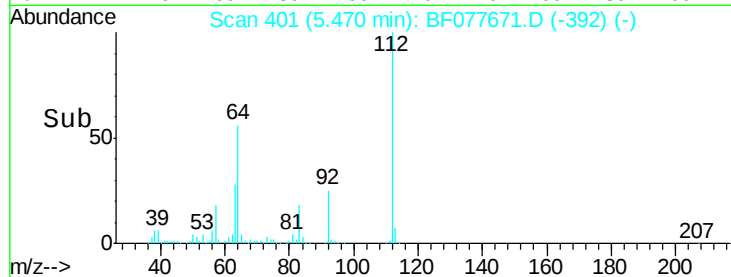
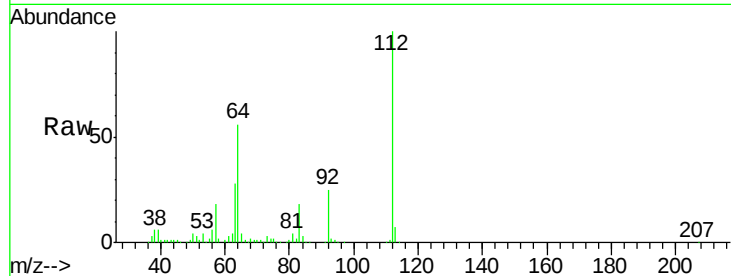
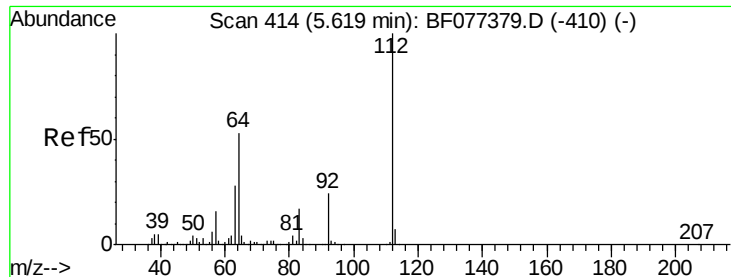
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#4
 n-Nitrosodimethylamine
 Concen: 28.03 ng
 RT: 2.73 min Scan# 162
 Delta R.T. 0.03 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	139.3		107.1	160.7
44	44	8.6		6.7	10.1





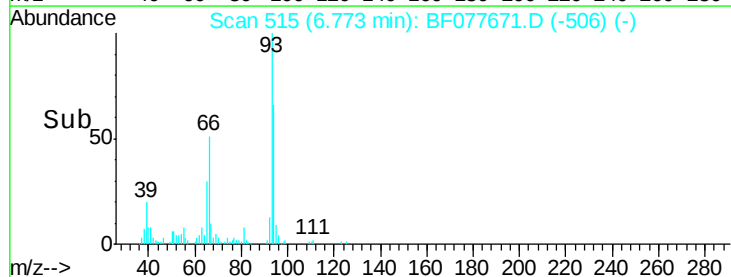
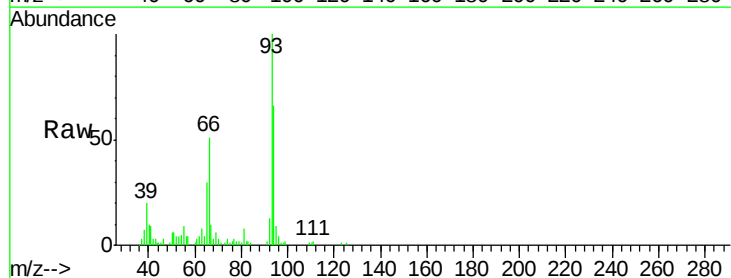
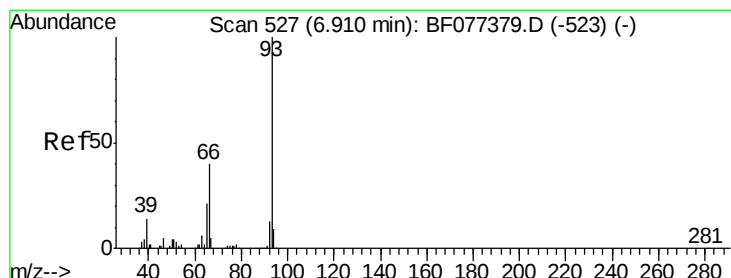
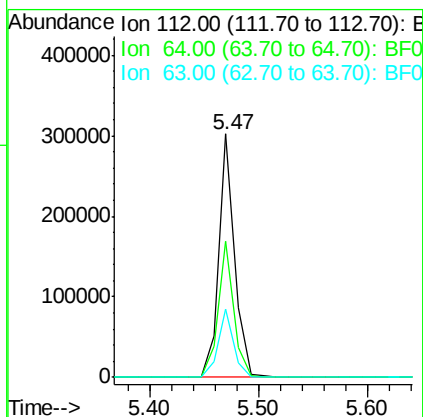
#5
2-Fluorophenol
Concen: 96.53 ng
RT: 5.47 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.9	48.5	72.7
63	28.3	25.0	37.4

Instrument :
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ClientSampleId :
B2(8-9)MS

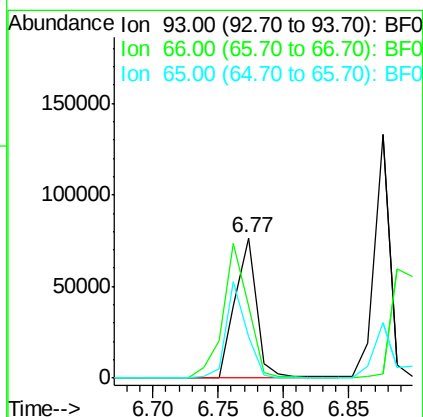
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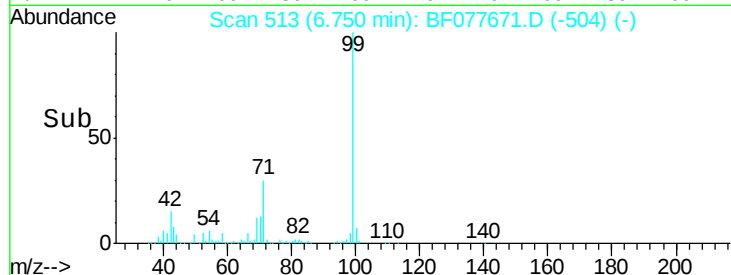
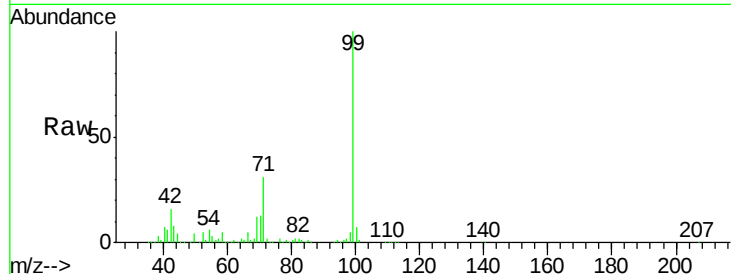
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#6
Aniline
Concen: 15.71 ng
RT: 6.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	50.9	29.1	43.7#
65	29.9	14.6	22.0#





#7

Phenol-d6

Concen: 99.22 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077671.D

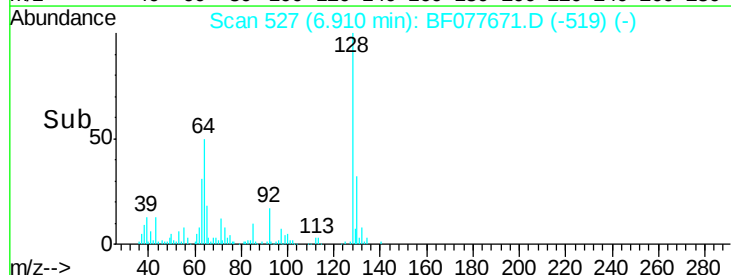
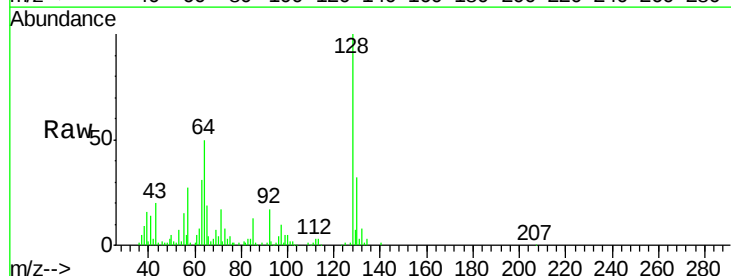
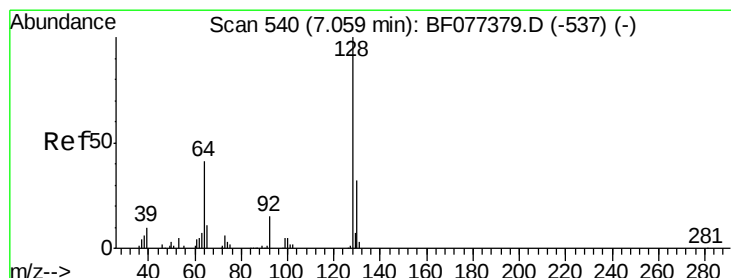
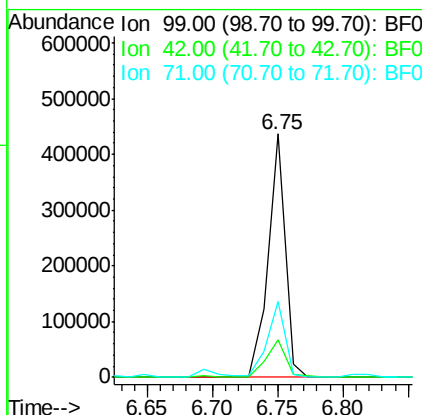
Acq: 10 Mar 2015 20:03

Tot Ion	Ratio	Resp	Lower	Upper
99	100	406720		
42	15.6	16.2	24.4#	
71	31.0	26.7	40.1	

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B2(8-9)MS

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#8

2-Chlorophenol

Concen: 30.27 ng

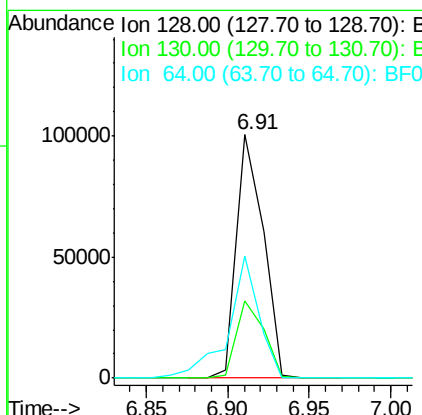
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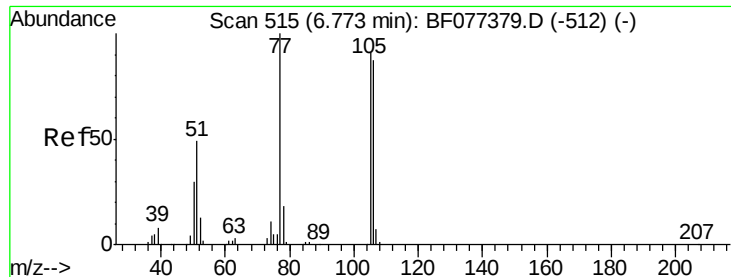
Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	113842		
130	31.9	12.0	52.0	
64	49.9	29.2	69.2	





#9

Benzaldehyde

Concen: 5.53 ng

RT: 6.63 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

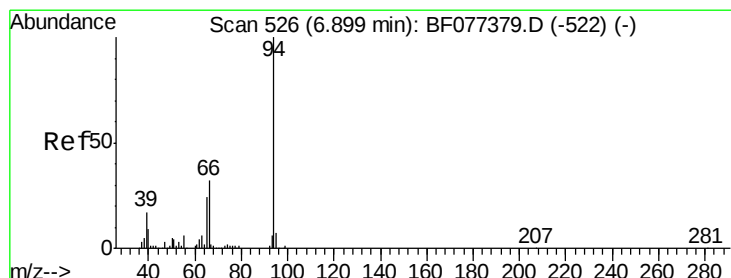
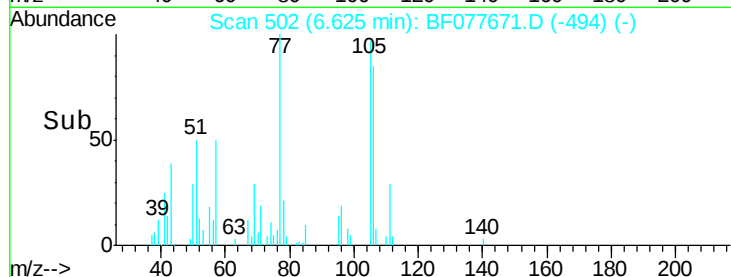
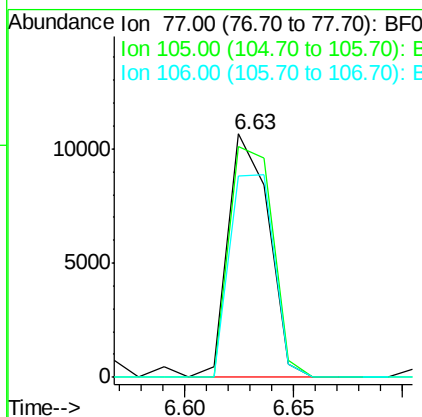
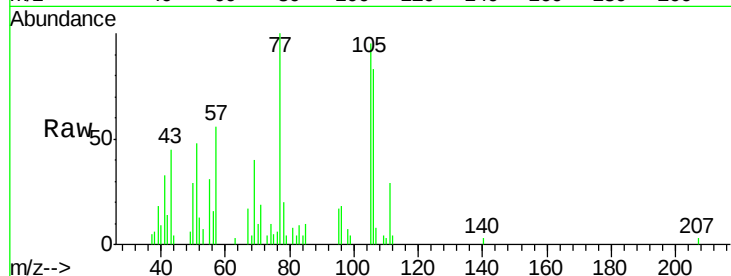
ClientSampleId :

B2(8-9)MS

Tot Ion:	77	Resp:	13773
Ion	Ratio	Lower	Upper
77	100		
105	94.6	85.9	125.9
106	82.9	82.9	122.9

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#10

Phenol

Concen: 31.22 ng

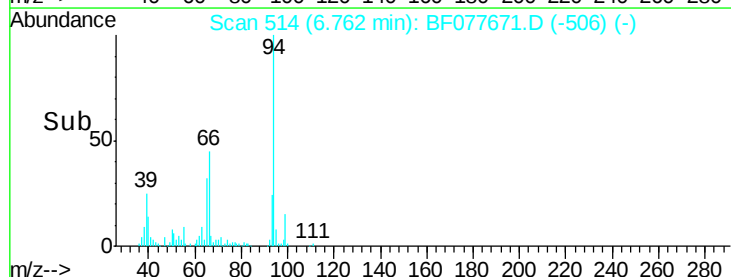
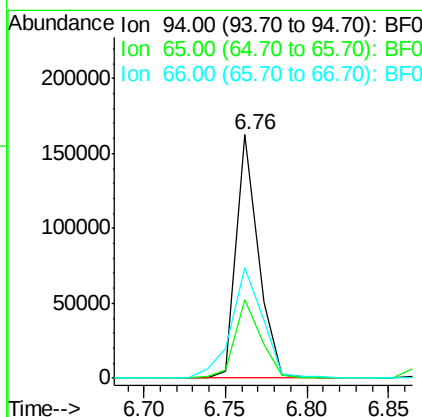
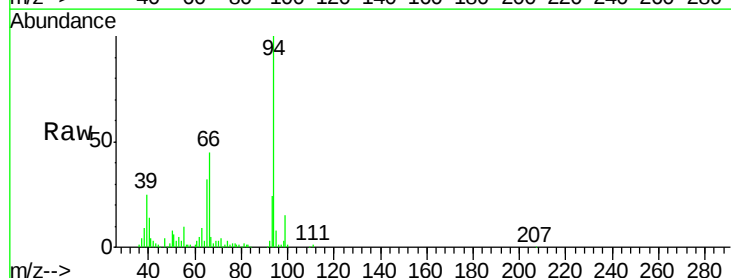
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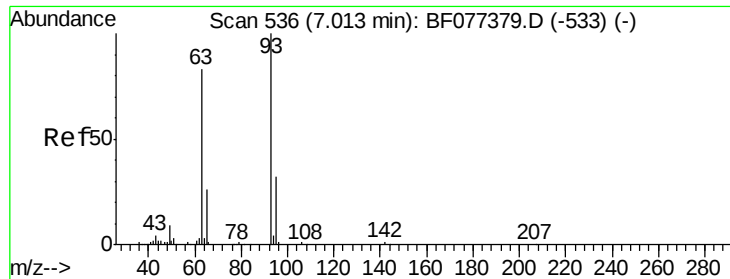
Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	94	Resp:	151821
Ion	Ratio	Lower	Upper
94	100		
65	32.2	5.7	45.7
66	45.2	13.6	53.6





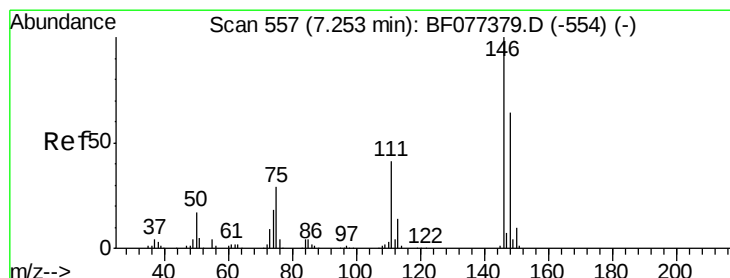
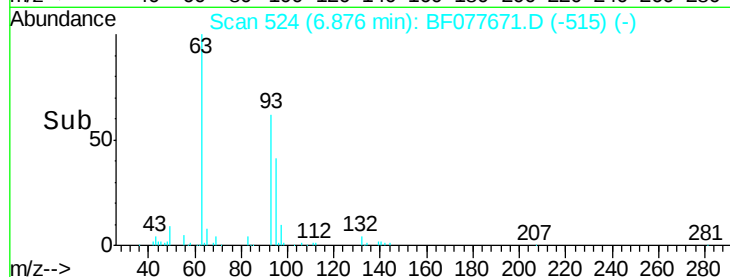
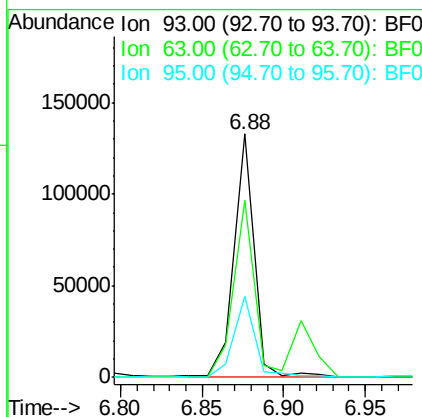
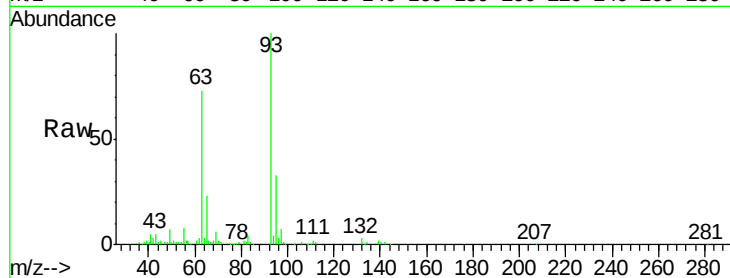
#11
bis(2-Chloroethyl)ether
Concen: 31.96 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	48.7	88.7
95	33.4	13.6	53.6

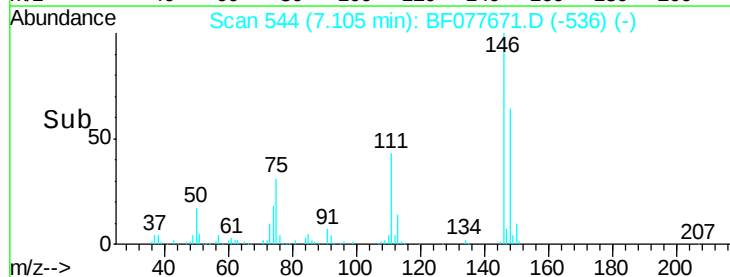
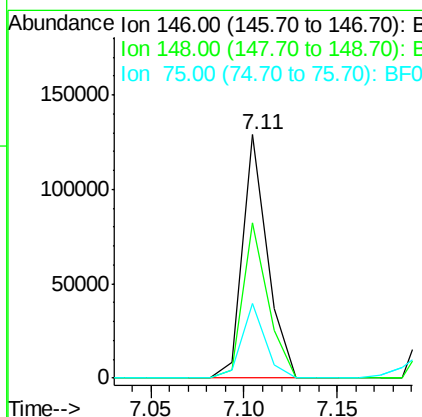
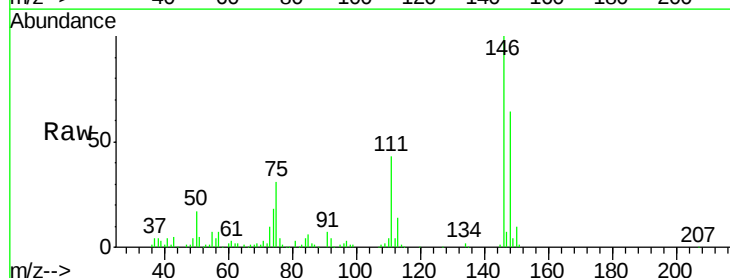
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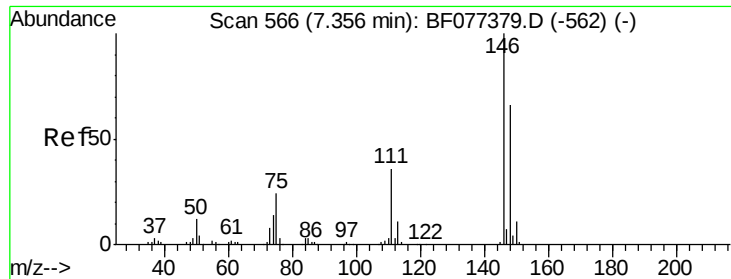
mohammad
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#12
1,3-Dichlorobenzene
Concen: 29.25 ng
RT: 7.11 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.8
75	30.8	28.2	42.4





#13

1,4-Dichlorobenzene

Concen: 29.02 ng

RT: 7.21 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

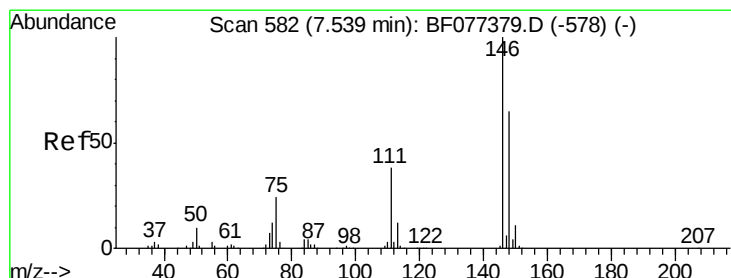
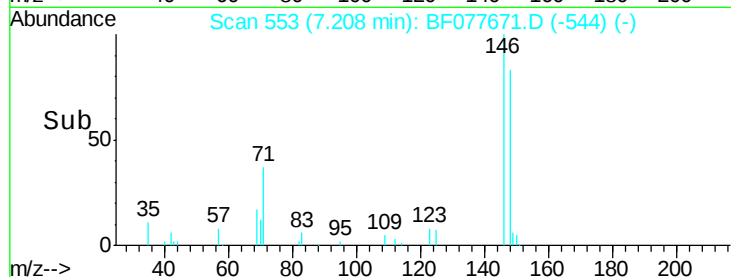
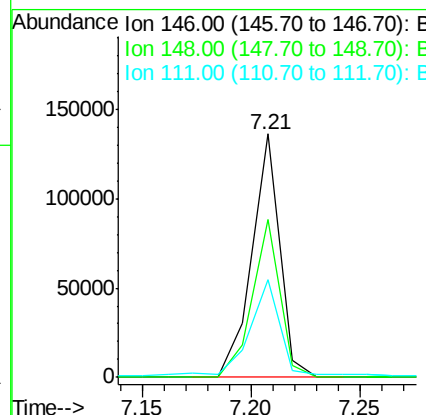
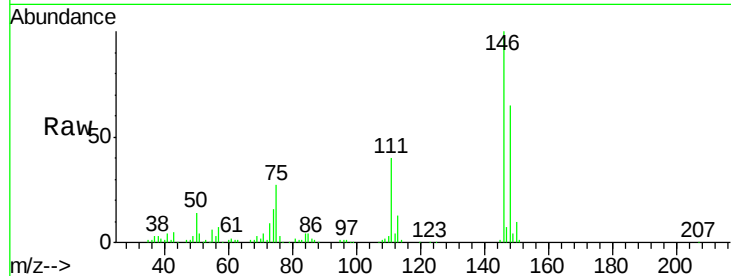
ClientSampleId :

B2(8-9)MS

Tot Ion:	146	Resp:	120911
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.0	78.0
111	40.1	31.9	47.9

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#14

1,2-Dichlorobenzene

Concen: 29.45 ng

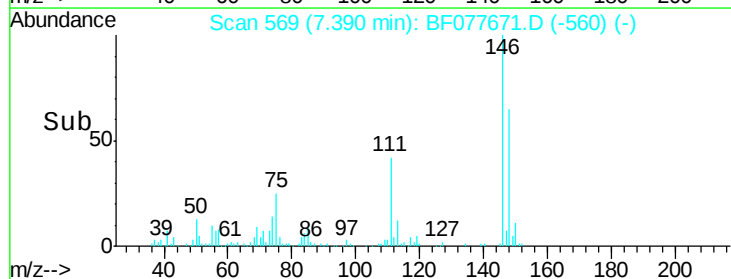
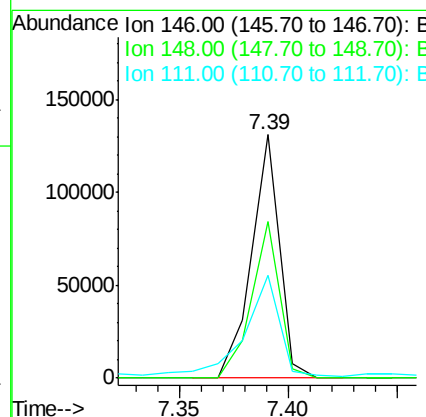
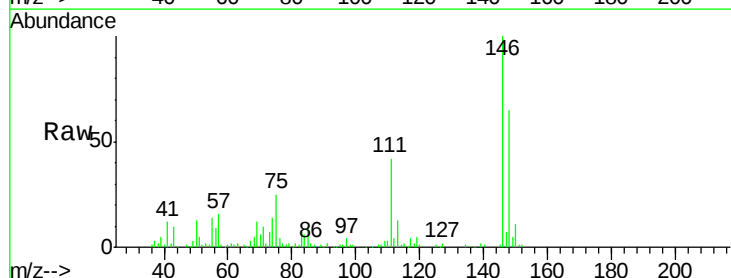
RT: 7.39 min Scan# 569

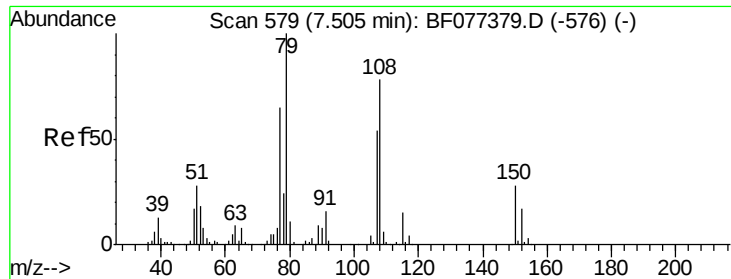
Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	146	Resp:	116709
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.6	77.4
111	42.0	34.2	51.2





#15

Benzyl Alcohol

Concen: 29.82 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

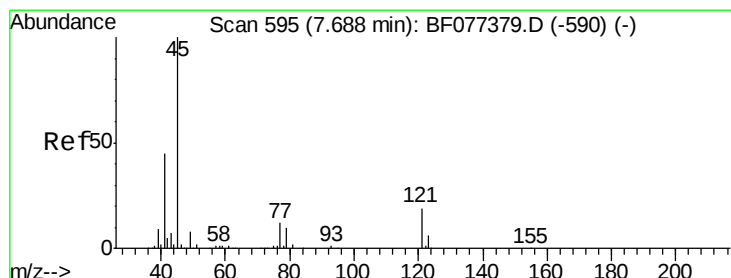
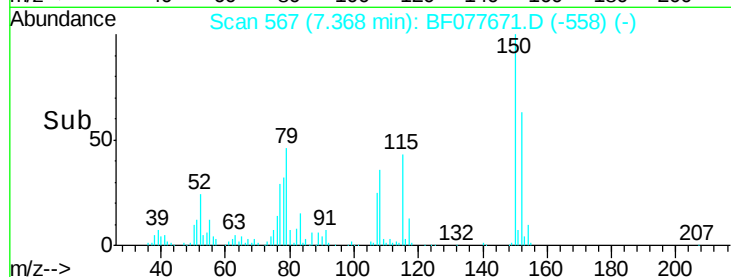
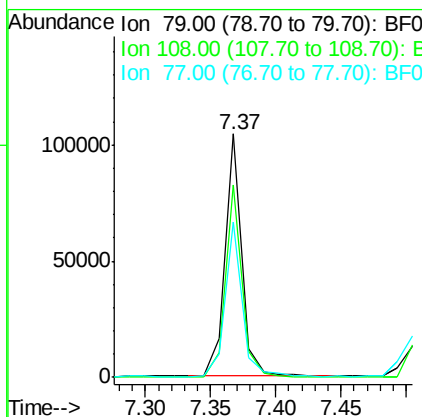
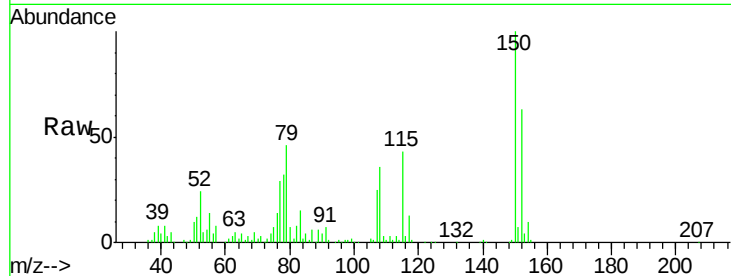
ClientSampleId :

B2(8-9)MS

Tot Ion:	79	Resp:	92905
Ion Ratio	Lower	Upper	
79	100		
108	79.1	58.3	87.5
77	64.0	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.39 ng

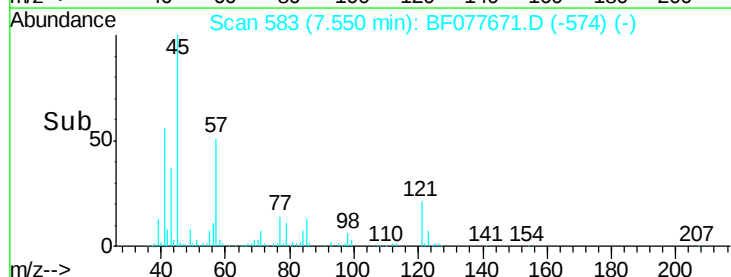
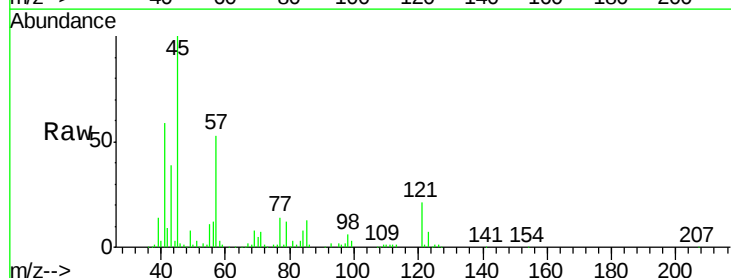
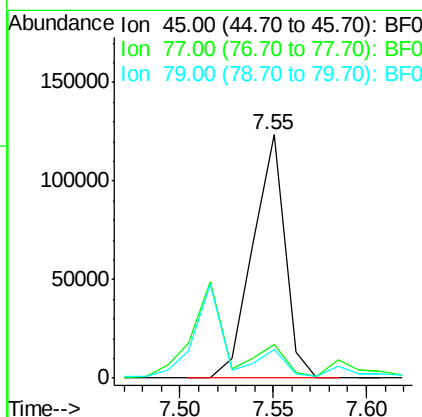
RT: 7.55 min Scan# 583

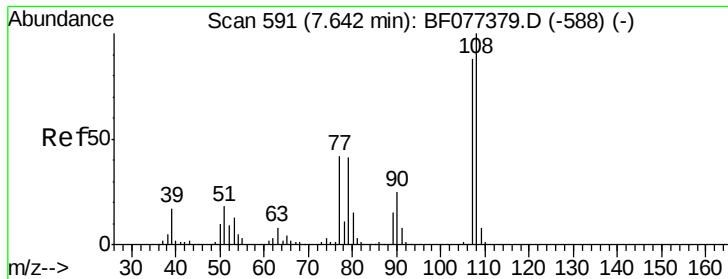
Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	45	Resp:	146820
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	34.6
79	11.8	0.0	31.5





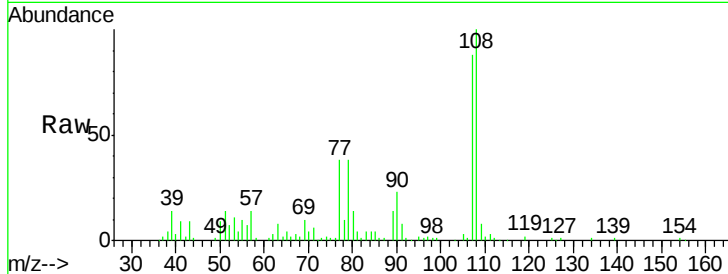
#17
2-Methylphenol
Concen: 31.57 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

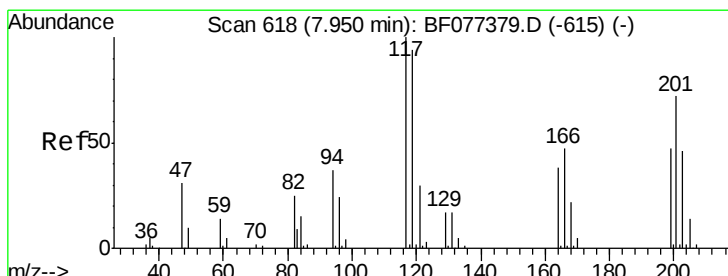
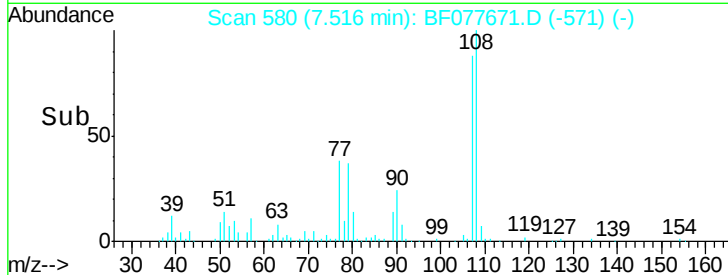
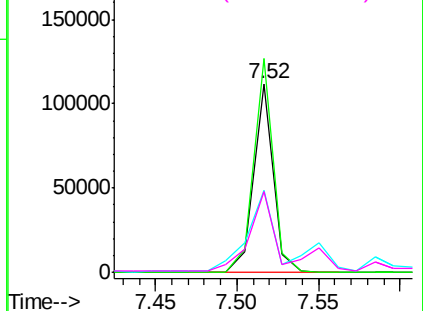
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.2	136.8	
77	43.5	33.6	50.4	
79	42.7	32.1	48.1	

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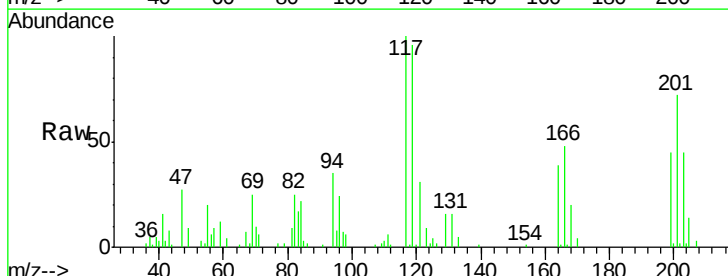


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
150000
Ion 77.00 (76.70 to 77.70): BF0
100000
Ion 79.00 (78.70 to 79.70): BF0
50000
0

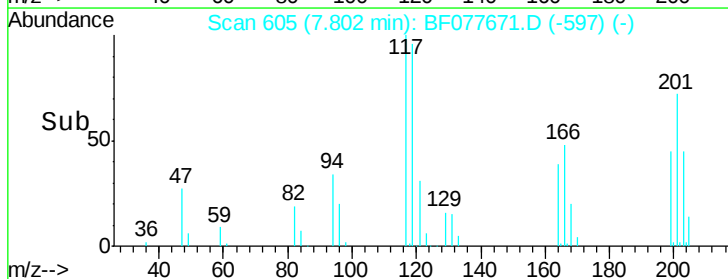
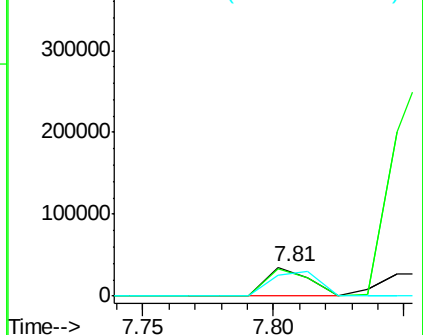


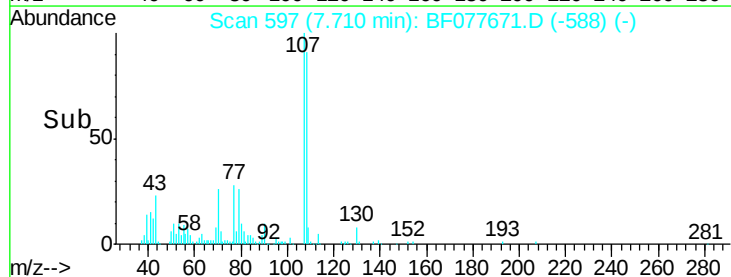
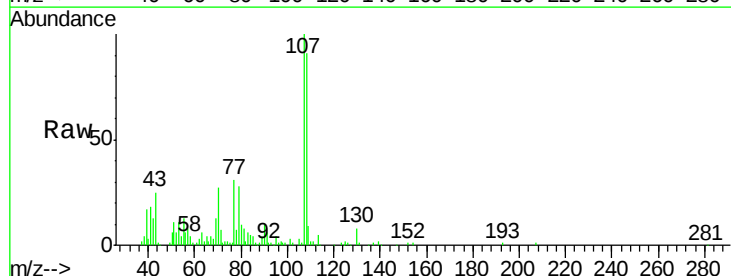
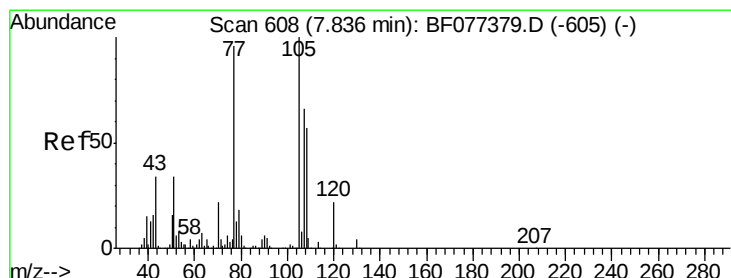
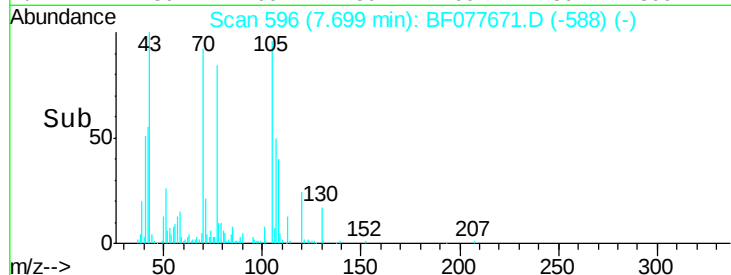
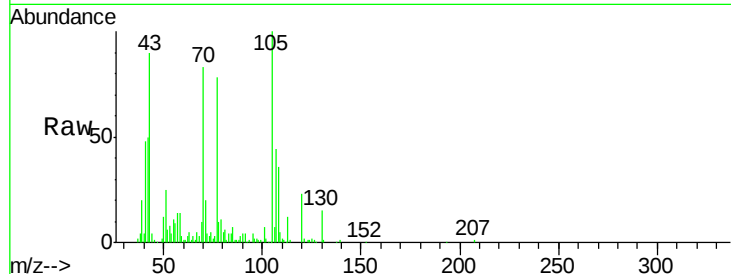
#18
Hexachloroethane
Concen: 29.15 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.8	116.8	
201	72.4	90.6	136.0	



Abundance Ion 117.00 (116.70 to 117.70): E
400000
Ion 119.00 (118.70 to 119.70): E
300000
Ion 201.00 (200.70 to 201.70): E
200000
100000
0

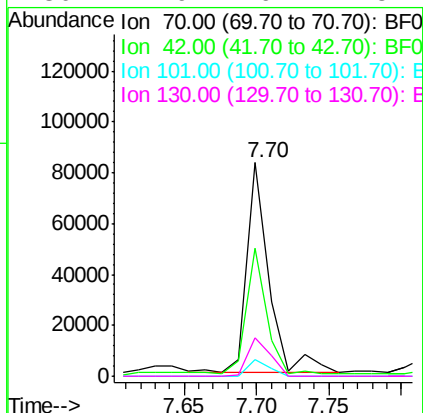




#19
n-Nitroso-di-n-propylamine
Concen: 33.24 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.8		48.3	72.5	
101	8.1		7.5	11.3	
130	17.9		16.7	25.1	

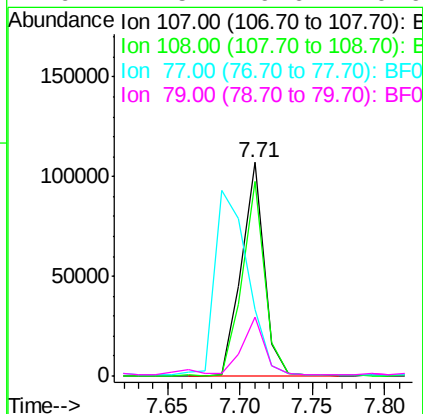


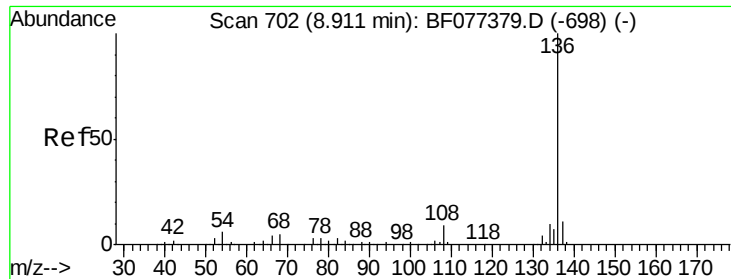
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#20
3+4-Methylphenols
Concen: 30.55 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.4		76.8	116.8	
77	31.1		65.8	105.8	
79	27.5		9.6	49.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

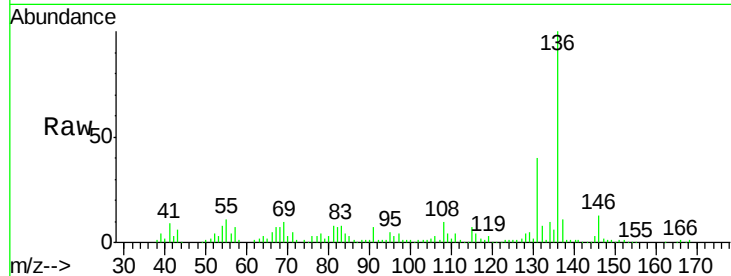
ClientSampleId :

B2(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	210309		
137	11.2	8.6	13.0	
54	8.0	6.2	9.4	
68	7.1	5.0	7.6	

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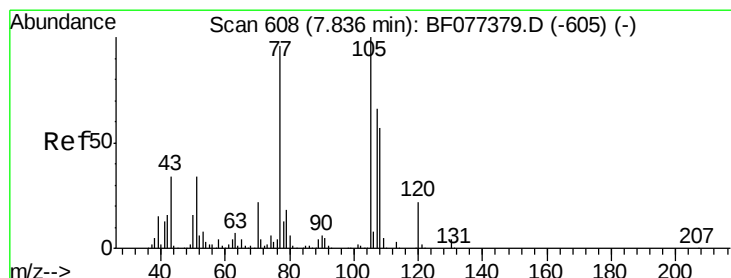
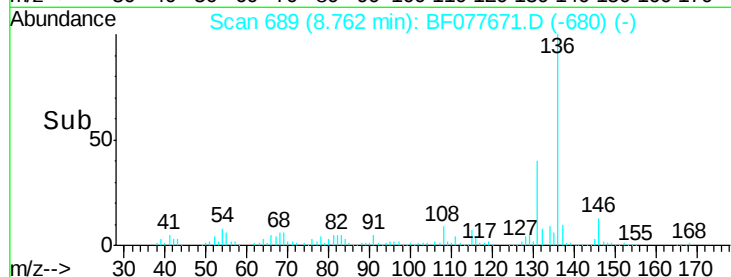
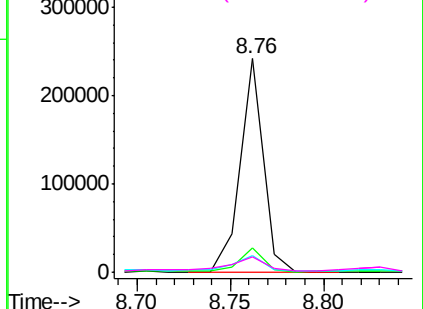


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.68 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

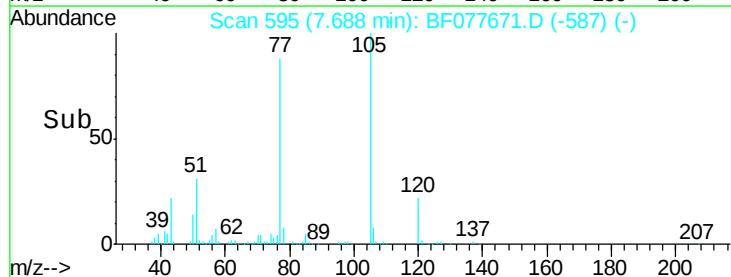
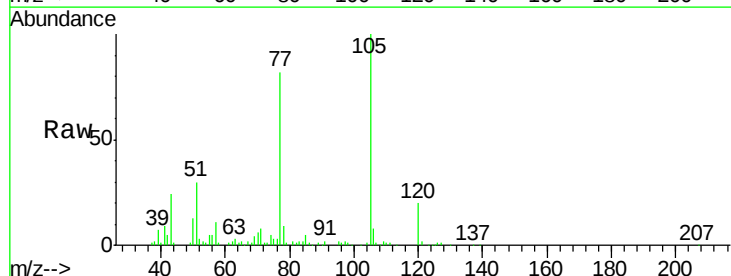
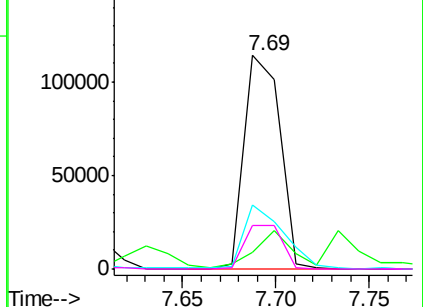
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	151782		
71	8.0	1.7	2.5#	
51	29.7	30.7	46.1#	
120	20.2	16.7	25.1	

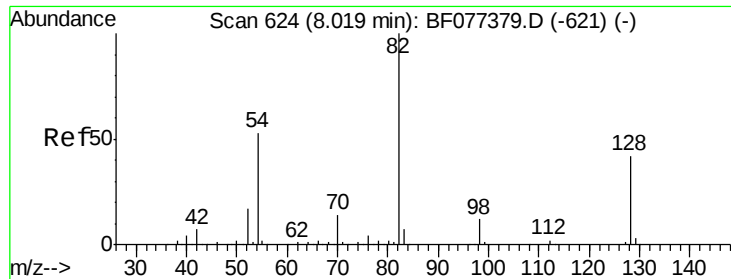
Abundance Ion 105.00 (104.70 to 105.70): E

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





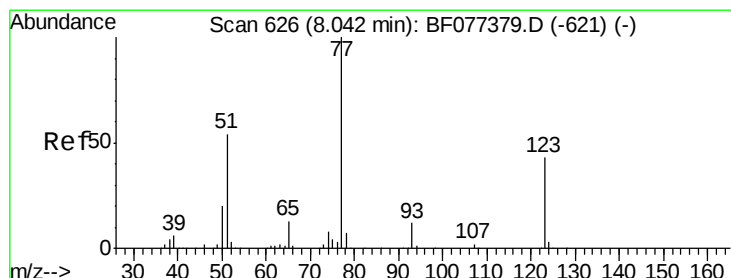
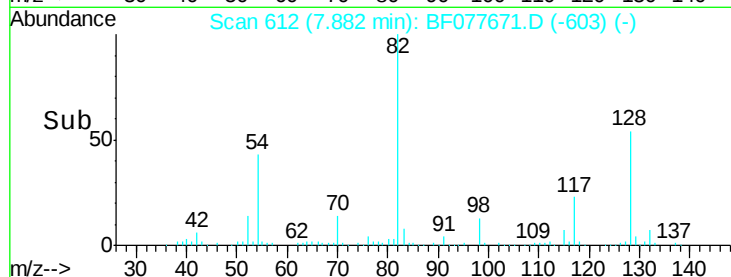
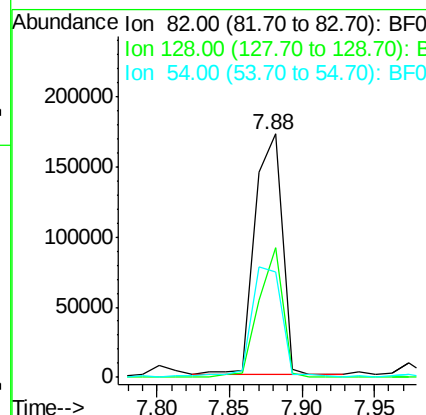
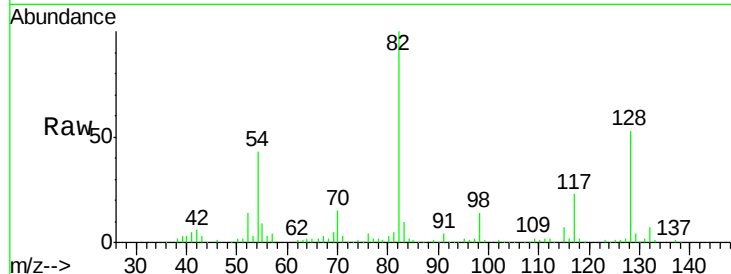
#23
 Nitrobenzene-d5
 Concen: 66.90 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	226255		
128	53.4		43.8	65.8
54	43.2		36.7	55.1

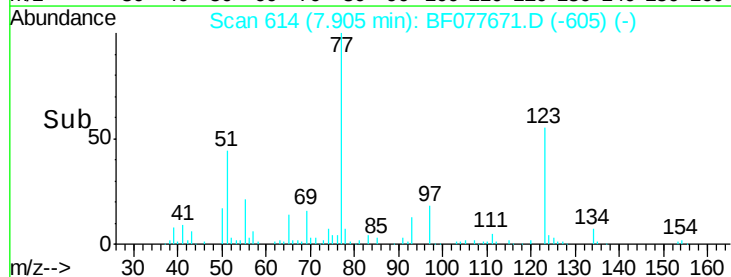
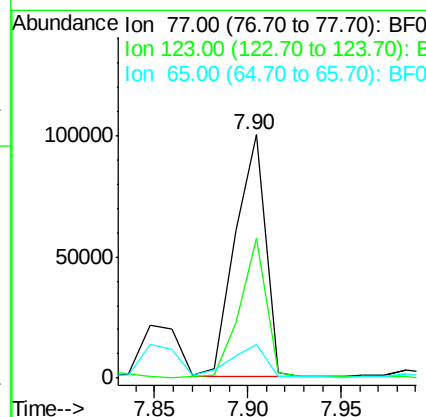
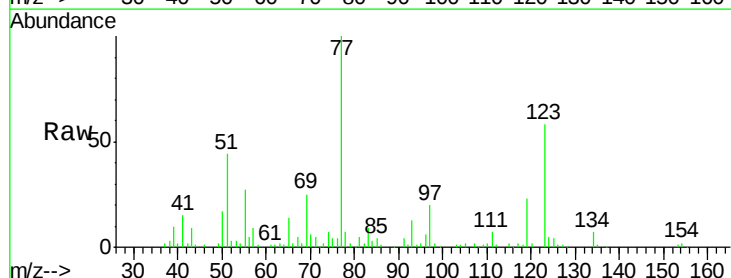
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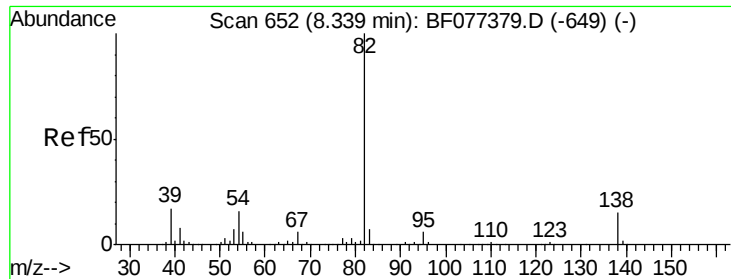
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#24
 Nitrobenzene
 Concen: 31.79 ng
 RT: 7.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	113123		
123	57.5		45.9	68.9
65	13.8		9.5	14.3





#25

Isophorone

Concen: 33.04 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

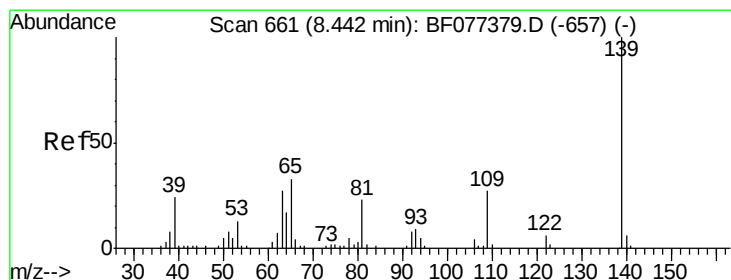
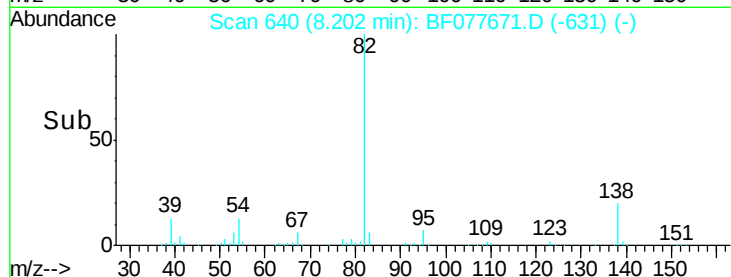
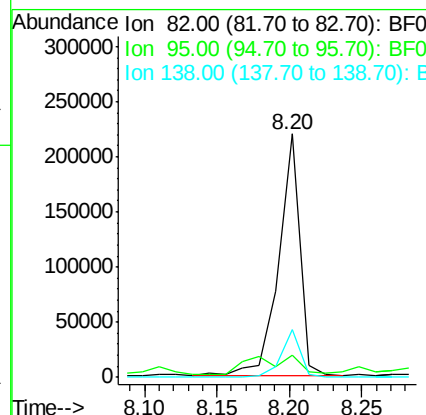
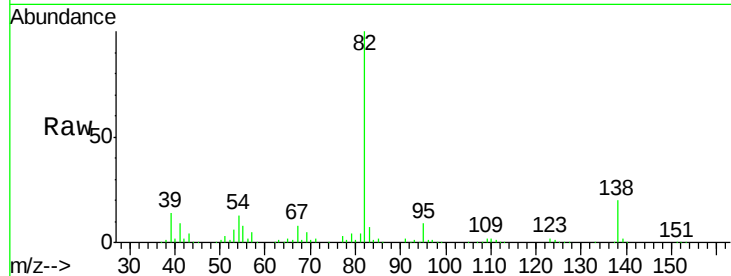
ClientSampleId :

B2(8-9)MS

Tot Ion:	82	Resp:	221711
Ion Ratio		Lower	Upper
82	100		
95	8.9	5.4	8.2#
138	19.8	16.3	24.5

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#26

2-Nitrophenol

Concen: 37.48 ng

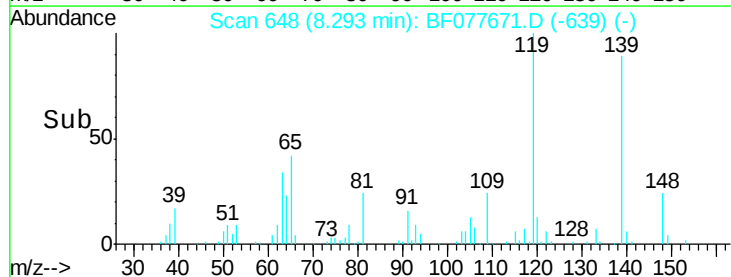
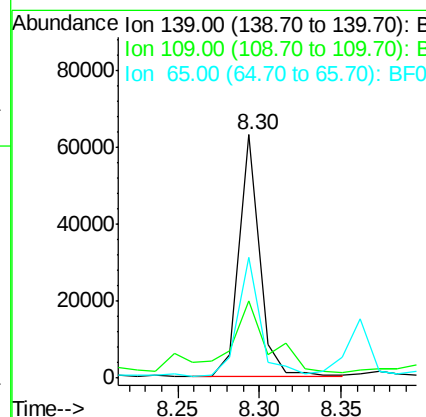
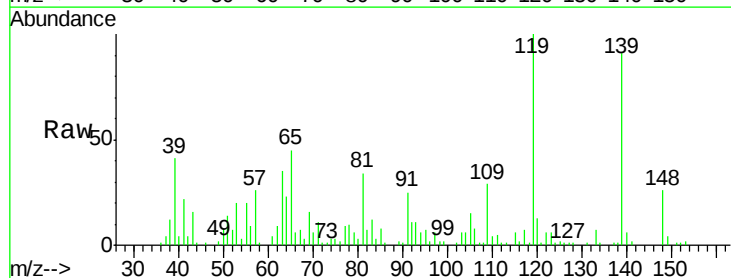
RT: 8.30 min Scan# 648

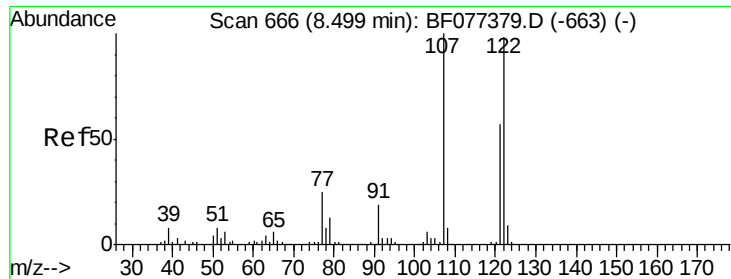
Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	139	Resp:	54657
Ion Ratio		Lower	Upper
139	100		
109	31.5	22.6	34.0
65	49.4	36.4	54.6





#27

2,4-Dimethylphenol

Concen: 31.31 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

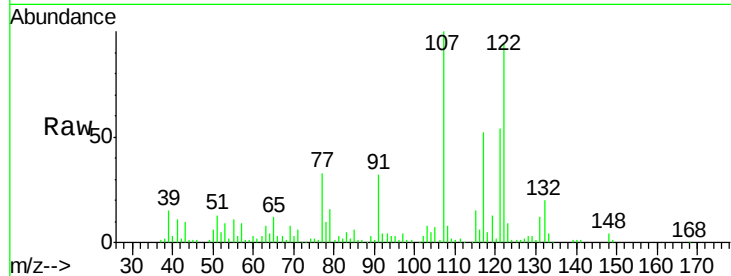
ClientSampleId :

B2(8-9)MS

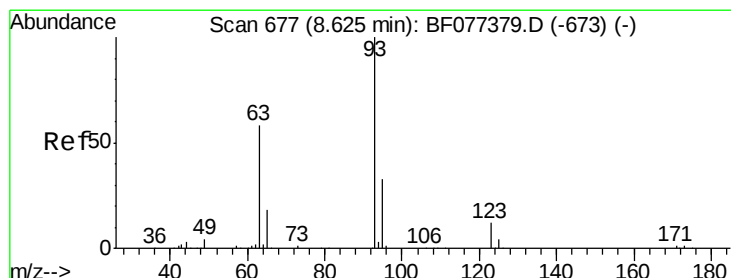
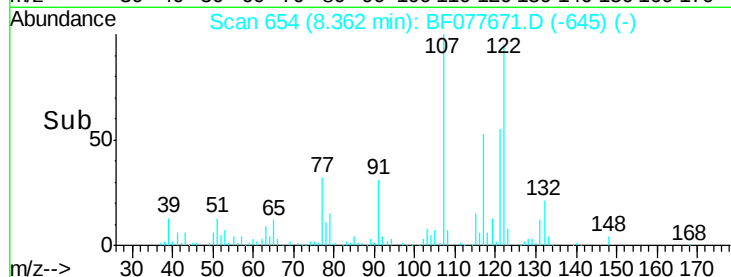
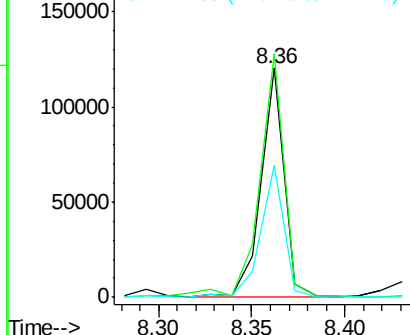
Tot Ion:	122	Resp:	102152
Ion Ratio	Lower	Upper	
122	100		
107	106.1	86.6	130.0
121	57.6	47.4	71.0

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3/12/2015 2:21:57 PM



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



#28

bis(2-Chloroethoxy)methane

Concen: 30.53 ng

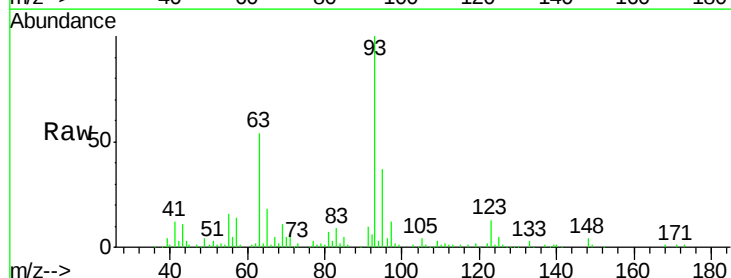
RT: 8.48 min Scan# 665

Delta R.T. -0.00 min

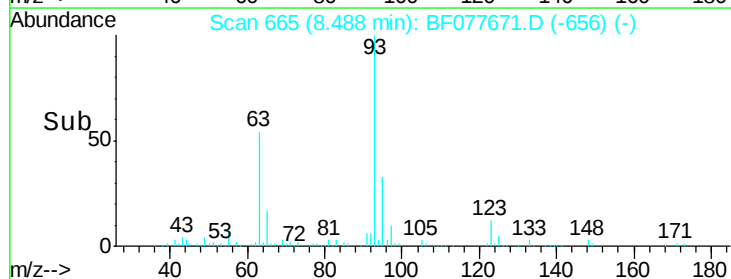
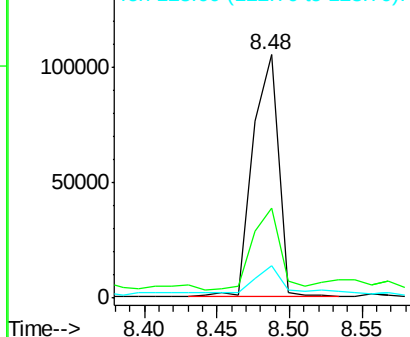
Lab File: BF077671.D

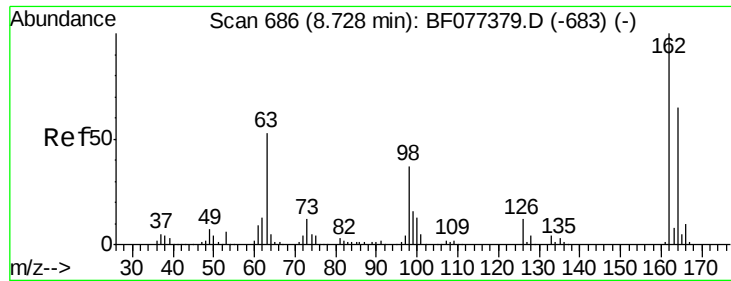
Acq: 10 Mar 2015 20:03

Tgt Ion:	93	Resp:	129393
Ion Ratio	Lower	Upper	
93	100		
95	36.8	26.4	39.6
123	13.4	8.7	13.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





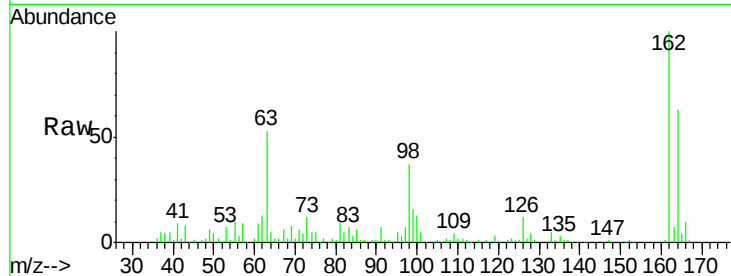
#29
2,4-Dichlorophenol
Concen: 32.01 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampled :
B2(8-9)MS

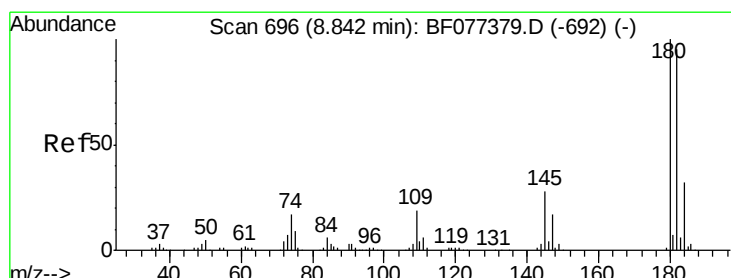
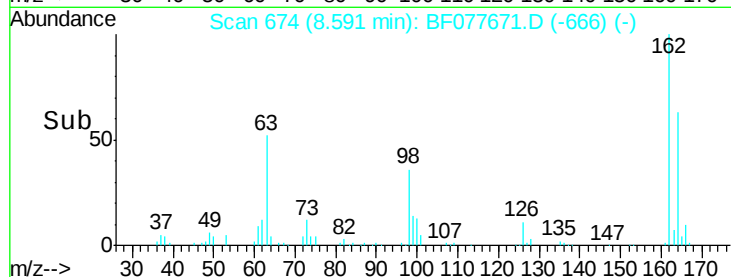
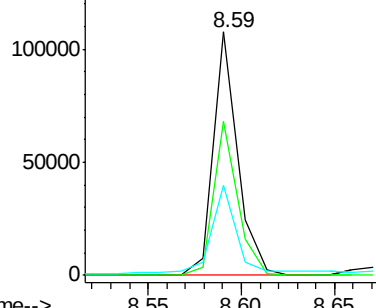
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	46.4	86.4
98	37.2	6.9	46.9

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3/12/2015 2:21:57 PM

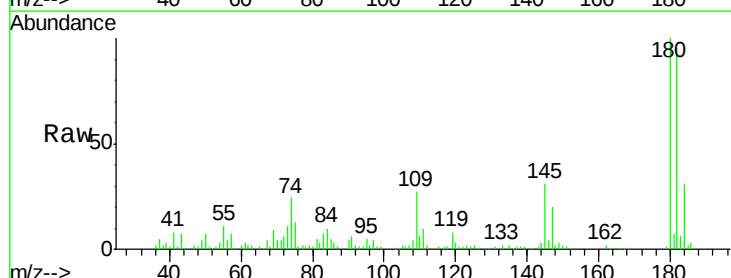


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO

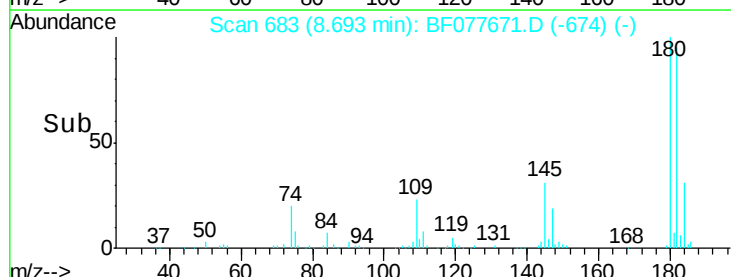
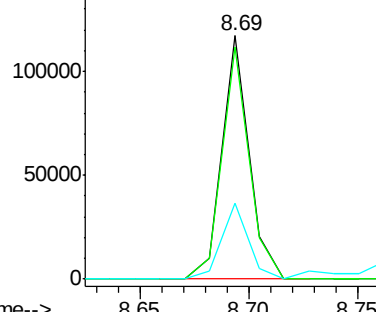


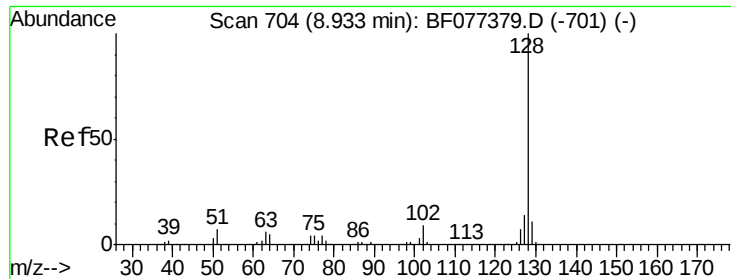
#30
1,2,4-Trichlorobenzene
Concen: 30.17 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	76.2	114.4
145	31.0	24.5	36.7



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





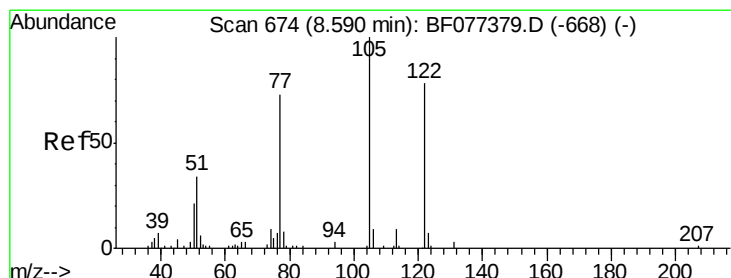
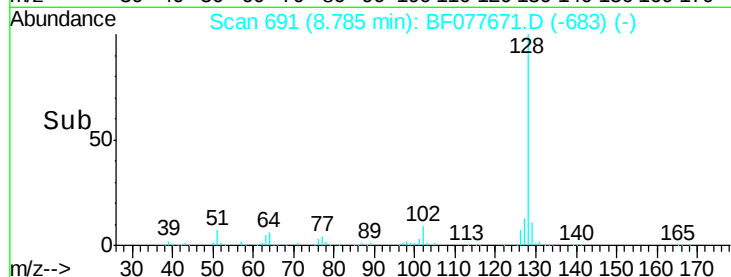
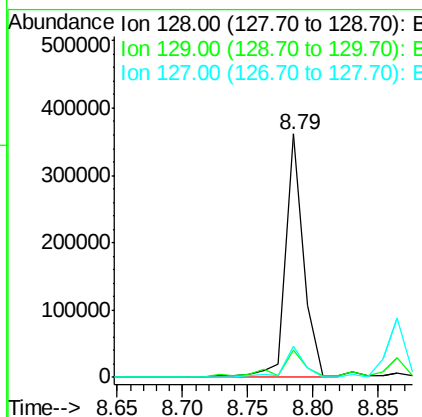
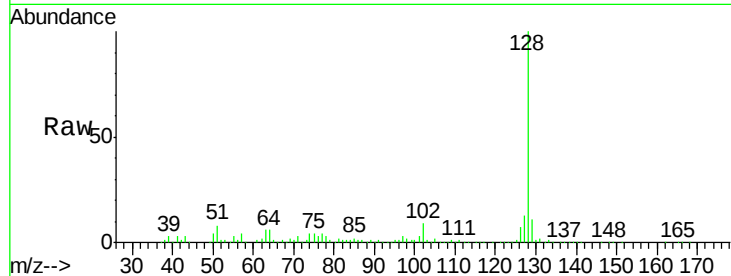
#31
Naphthalene
Concen: 33.39 ng
RT: 8.79 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion:	128	Resp:	351204
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.4	14.0
127	12.9	10.6	15.8

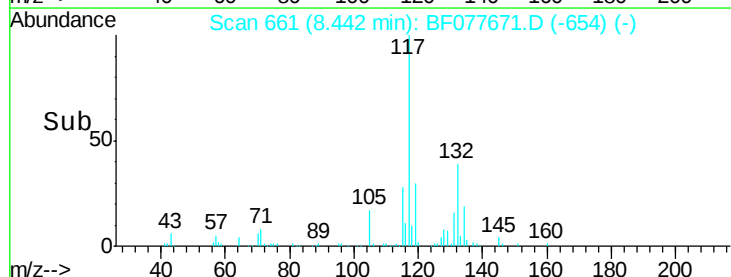
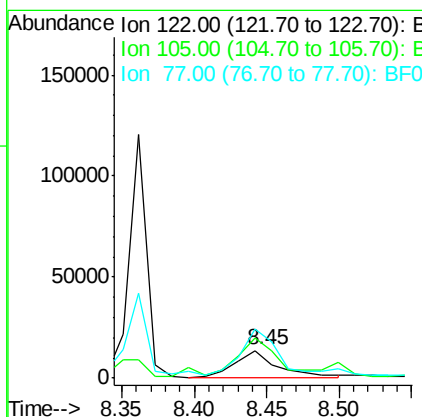
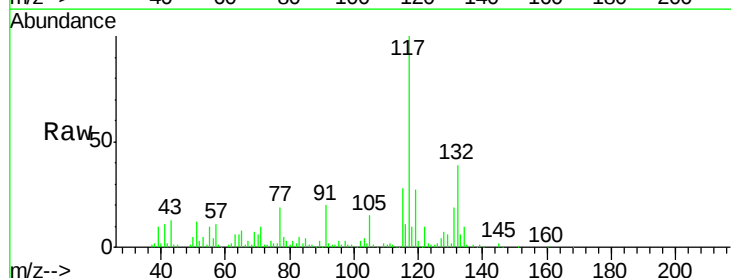
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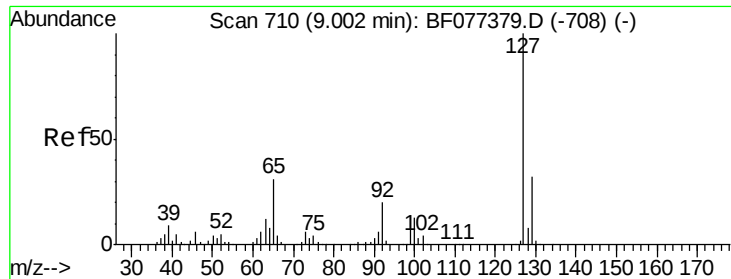
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#32
Benzoic acid
Concen: 16.51 ng
RT: 8.45 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:	122	Resp:	26178
Ion Ratio	Lower	Upper	
122	100		
105	143.8	100.3	140.3#
77	179.4	68.7	108.7#





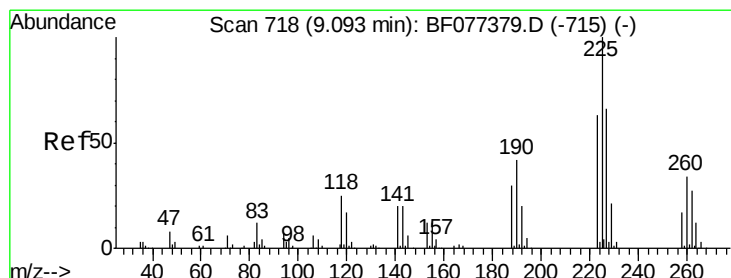
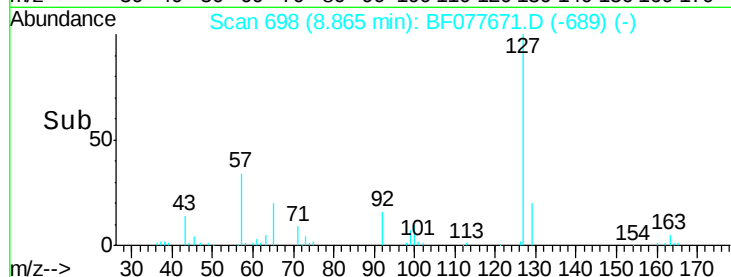
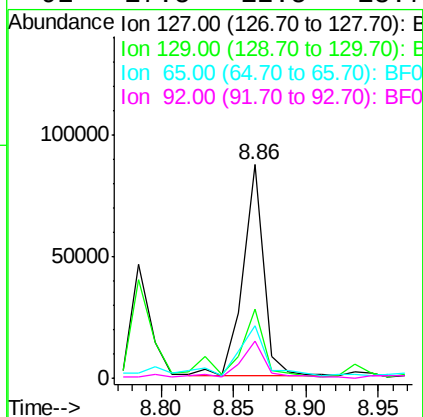
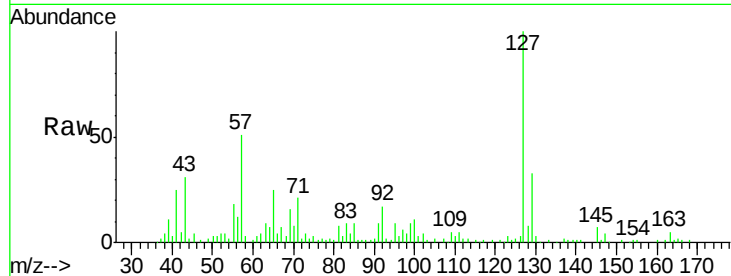
#33
4-Chloroaniline
Concen: 18.38 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.9	40.3		
65	24.9	16.7	25.1		
92	17.5	12.5	18.7		

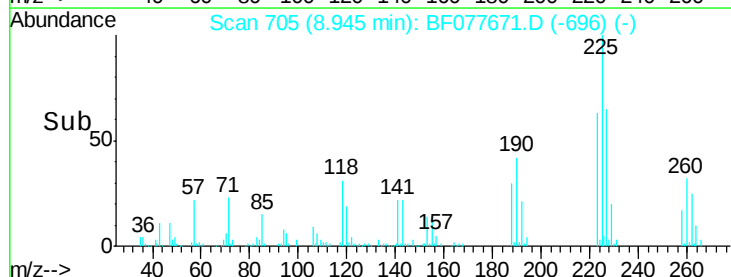
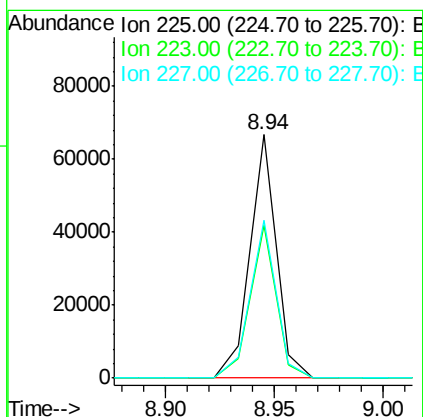
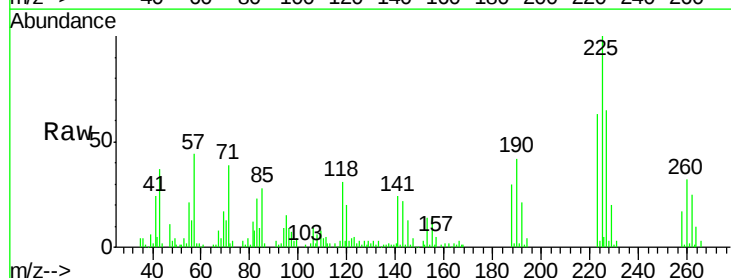
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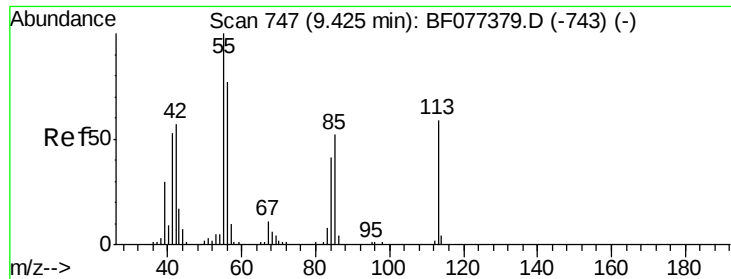
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#34
Hexachlorobutadiene
Concen: 29.32 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.5	74.3		
227	65.0	50.5	75.7		





#35

Caprolactam

Concen: 30.00 ng

RT: 9.28 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

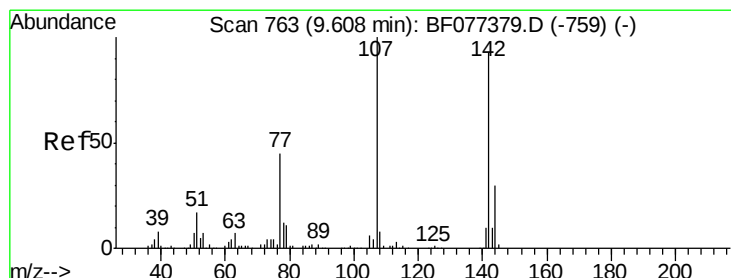
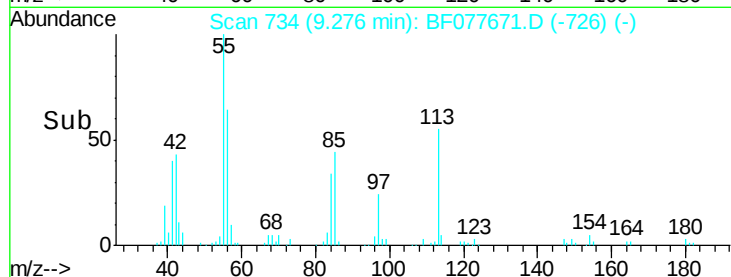
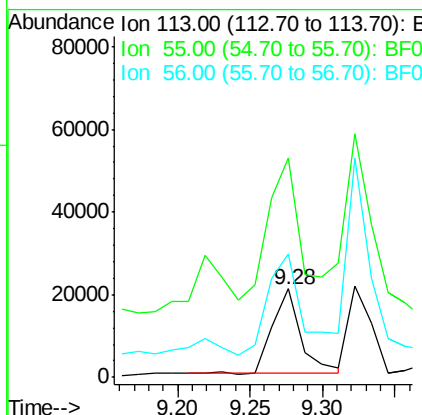
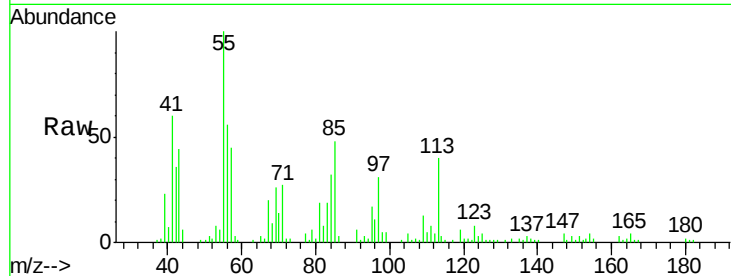
ClientSampleId :

B2(8-9)MS

Tot Ion:	113	Resp:	28049
Ion Ratio	Lower	Upper	
113	100		
55	247.6	154.6	194.6#
56	138.5	114.0	154.0

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#36

4-Chloro-3-methylphenol

Concen: 32.26 ng

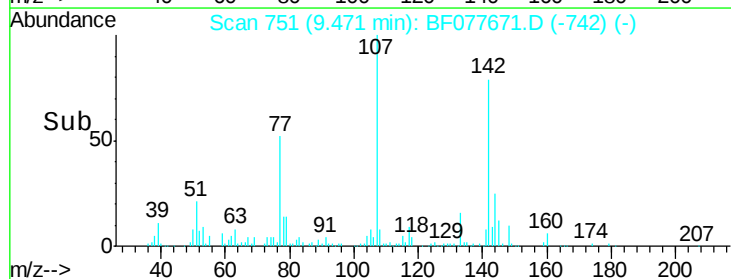
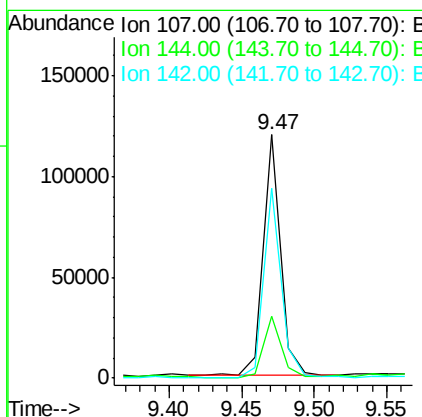
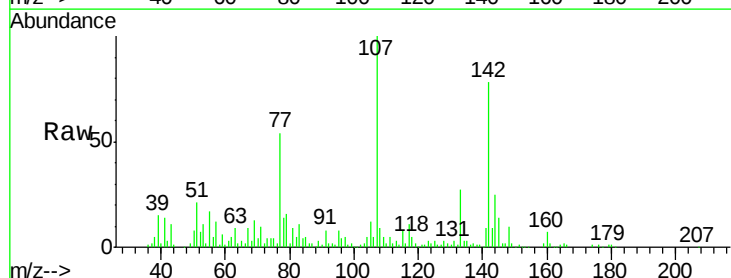
RT: 9.47 min Scan# 751

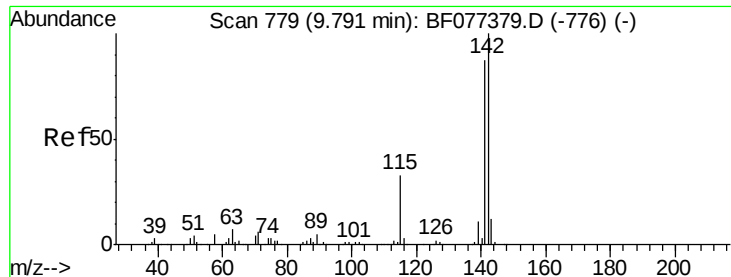
Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	107	Resp:	99332
Ion Ratio	Lower	Upper	
107	100		
144	25.5	21.1	31.7
142	77.9	65.3	97.9





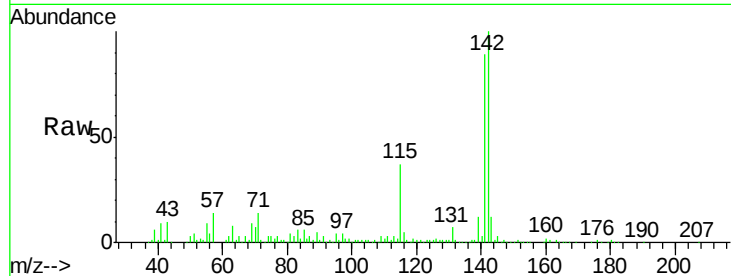
#37
2-Methylnaphthalene
Concen: 58.31 ng
RT: 9.65 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.7	106.1
115	36.5	24.2	36.4

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3/12/2015 2:21:57 PM

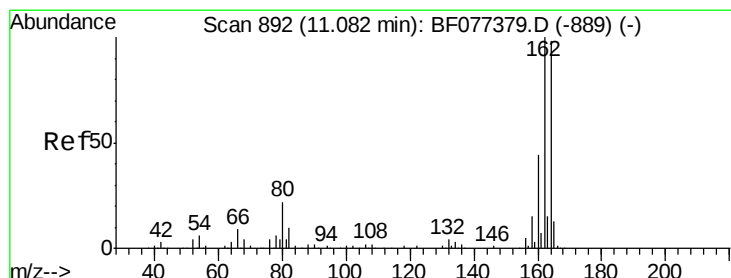
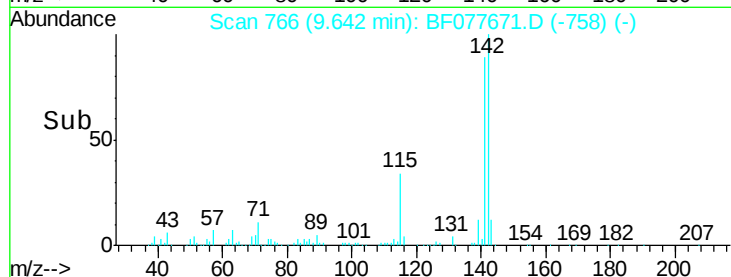
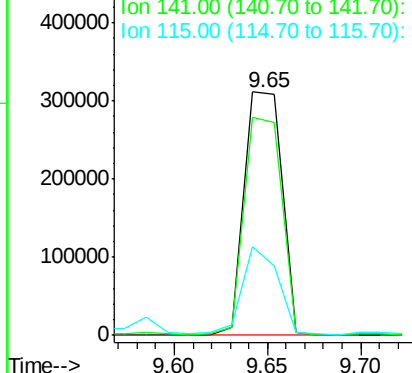


Abundance

Ion 142.00 (141.70 to 142.70): E

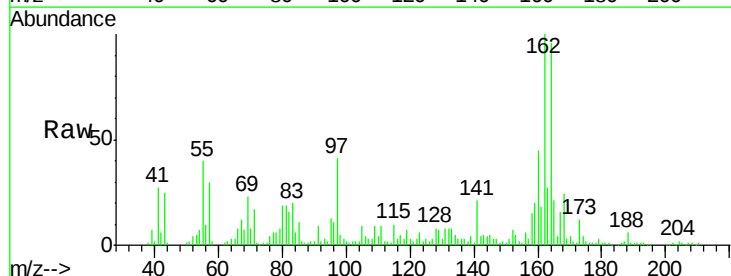
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.2	124.8
160	47.2	34.6	52.0

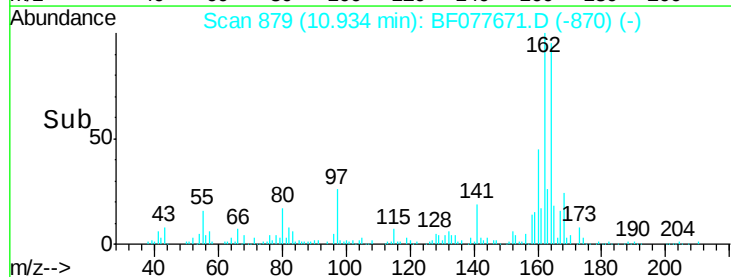
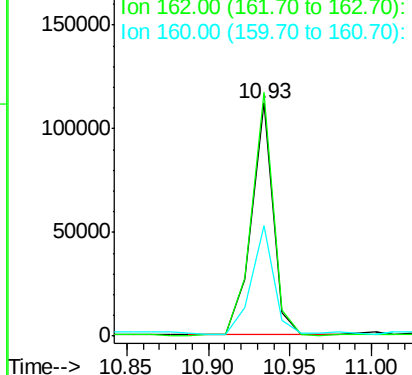


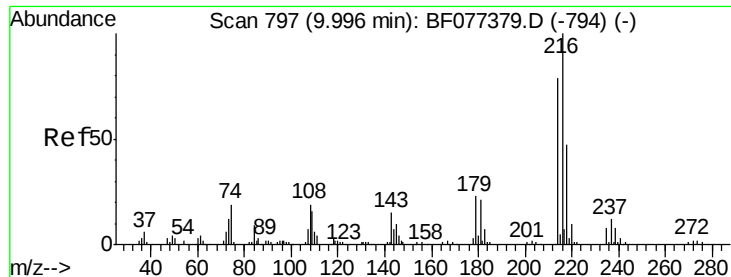
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





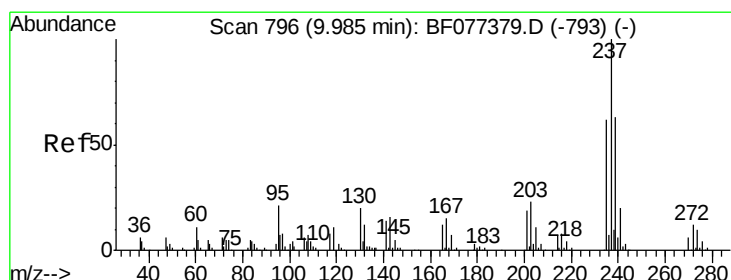
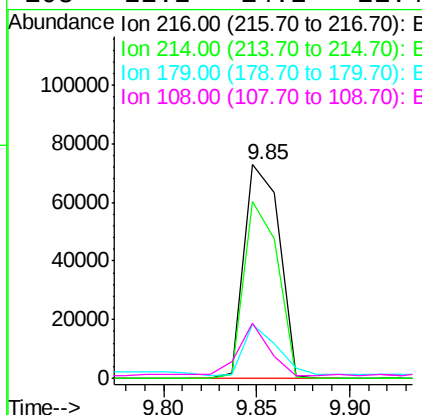
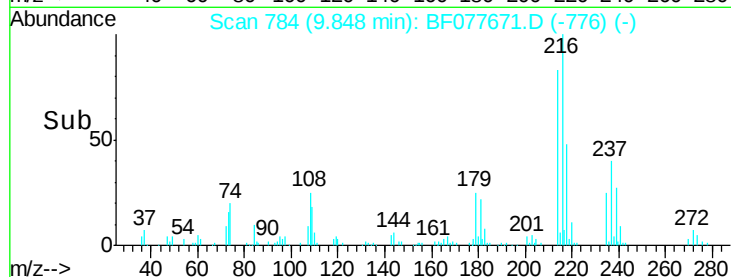
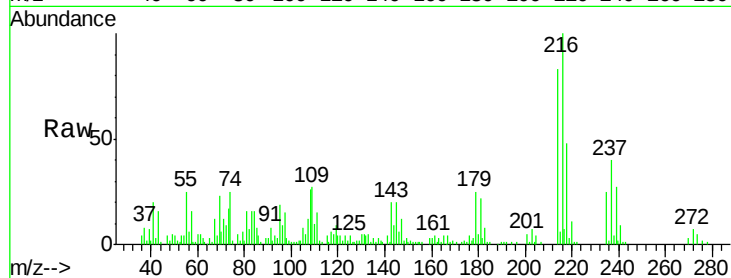
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.17 ng
 RT: 9.85 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		95174		
214	79.0		63.4	95.0	
179	24.7		16.6	25.0	
108	22.2		14.2	21.4	

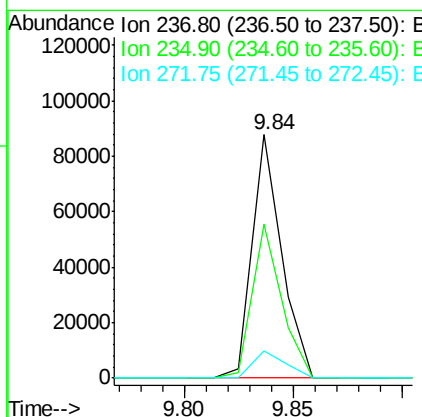
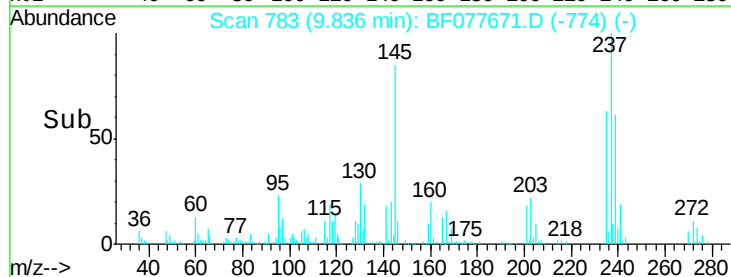
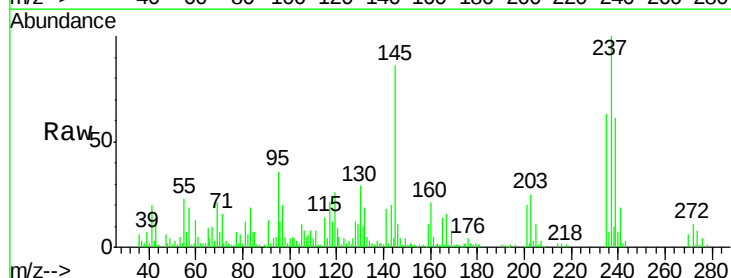
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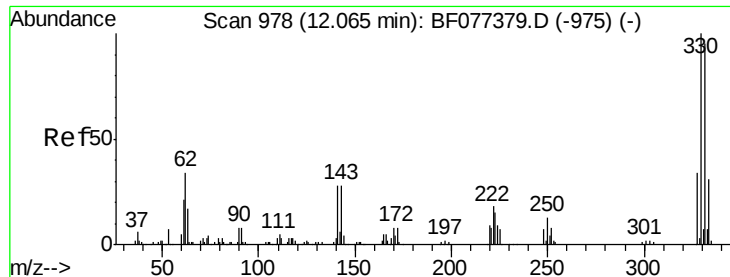
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#40
 Hexachlorocyclopentadiene
 Concen: 52.11 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		82666		
235	63.2		41.0	81.0	
272	11.2		0.0	34.3	





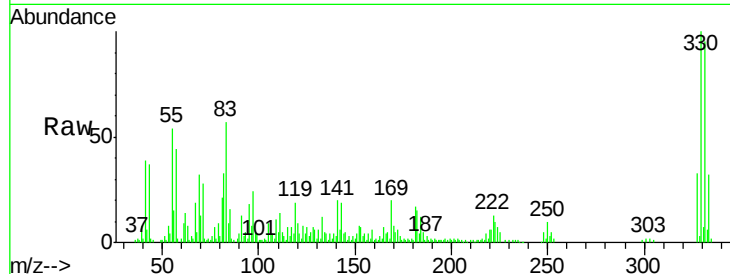
#41
 2,4,6-Tribromophenol
 Concen: 99.56 ng
 RT: 11.91 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

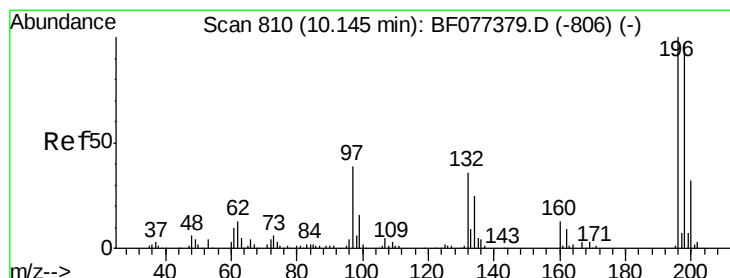
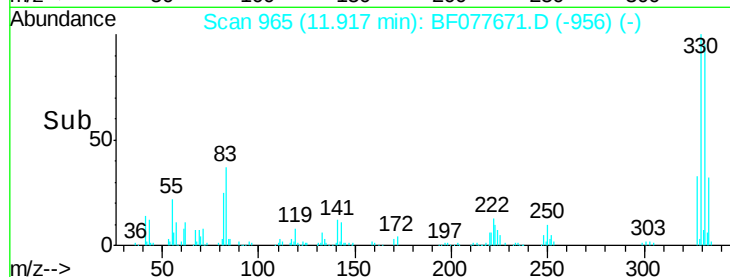
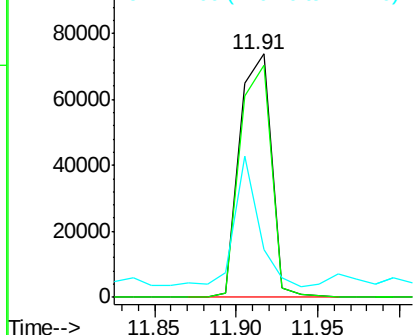
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.4	116.2	
141	41.5	28.8	43.2	

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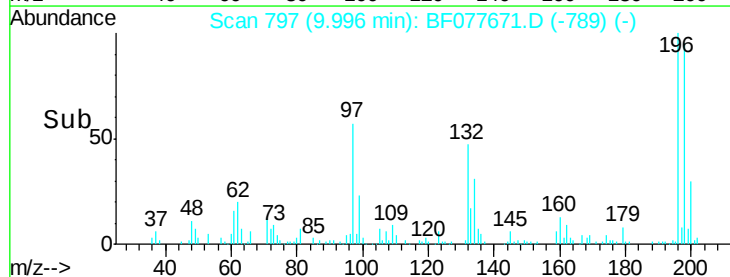
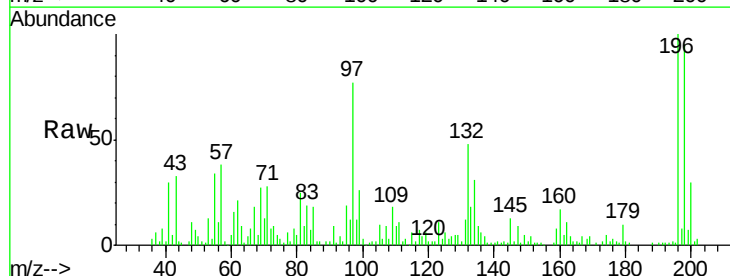
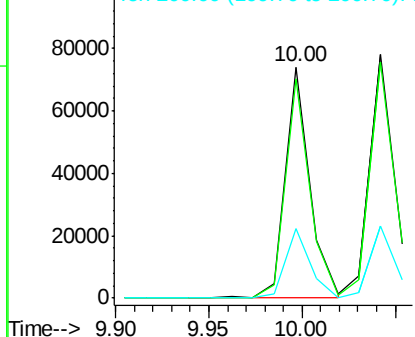
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

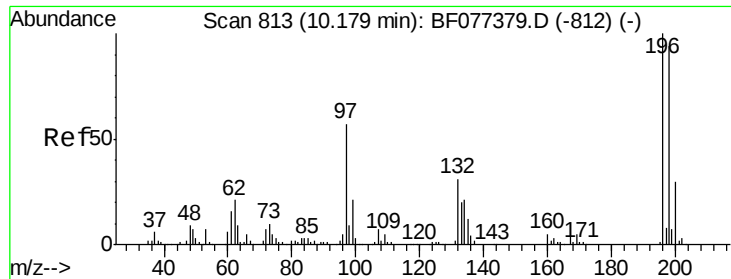


#42
 2,4,6-Trichlorophenol
 Concen: 34.78 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.1	75.8	113.8	
200	29.9	24.2	36.4	

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





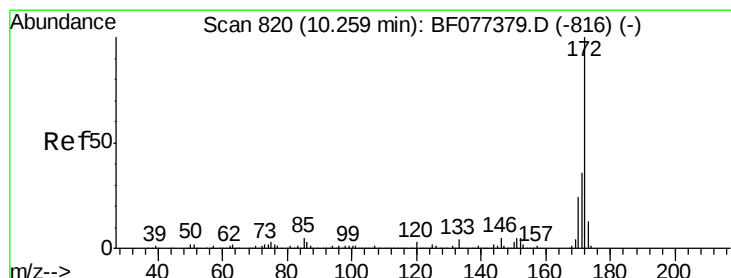
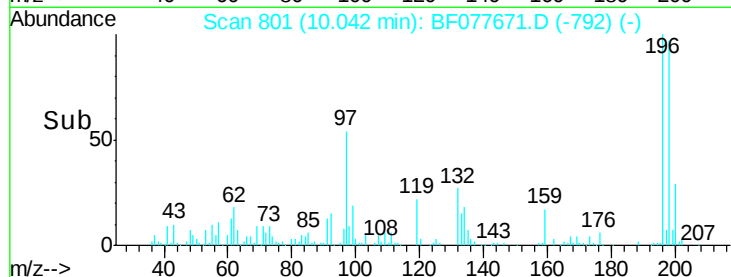
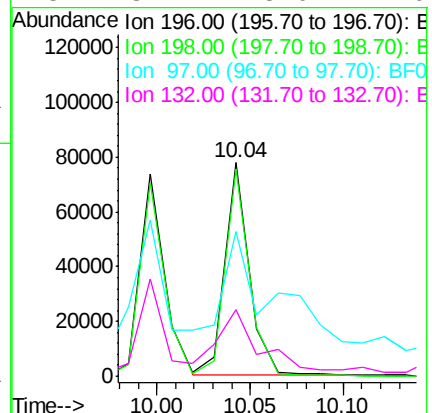
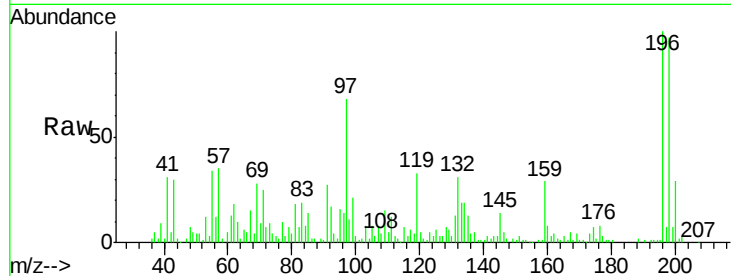
#43
 2,4,5-Trichlorophenol
 Concen: 33.98 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.2	115.8
97	67.7	27.7	41.5#
132	31.2	18.0	27.0#

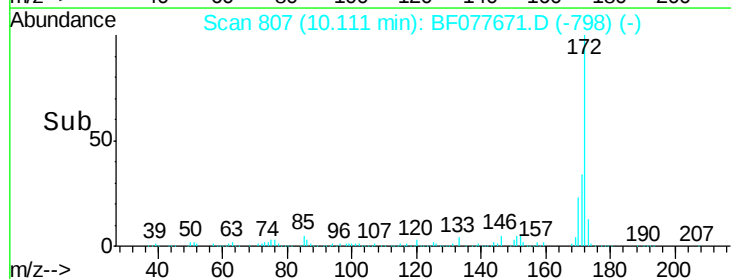
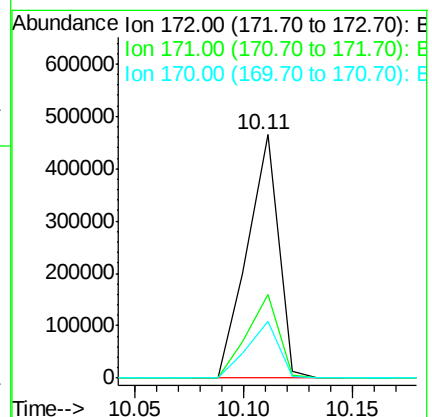
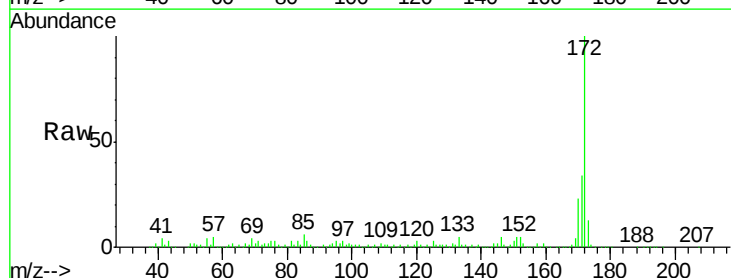
Manual Integrations
 APPROVED

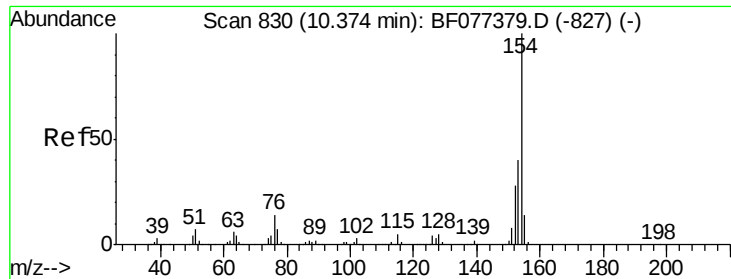
mohammad
 3/12/2015 2:21:57 PM



#44
 2-Fluorobiphenyl
 Concen: 70.35 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.9	43.3
170	23.3	19.4	29.2





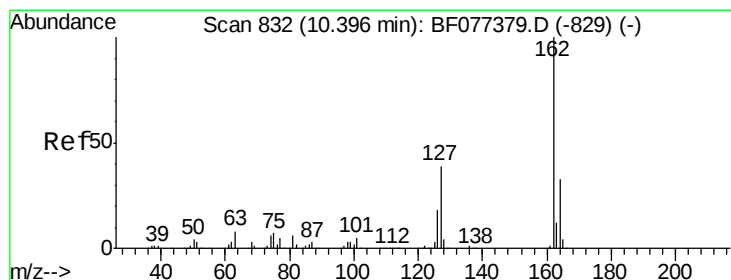
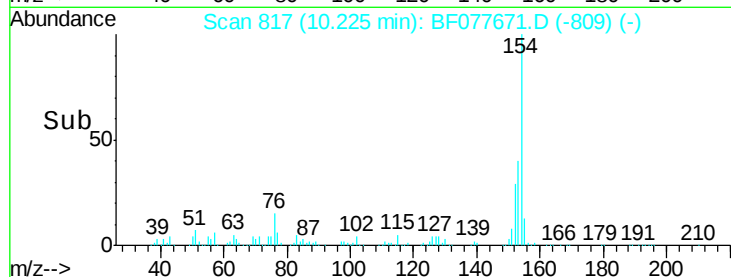
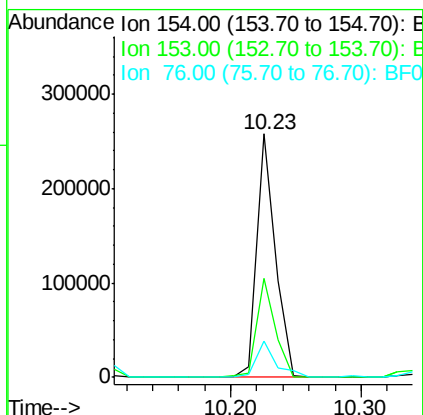
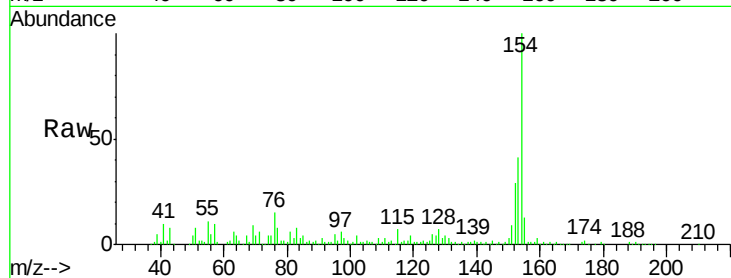
#45
1,1'-Biphenyl
Concen: 32.65 ng
RT: 10.23 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion:	154	Resp:	255080
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.2	60.2
76	15.1	0.0	29.4

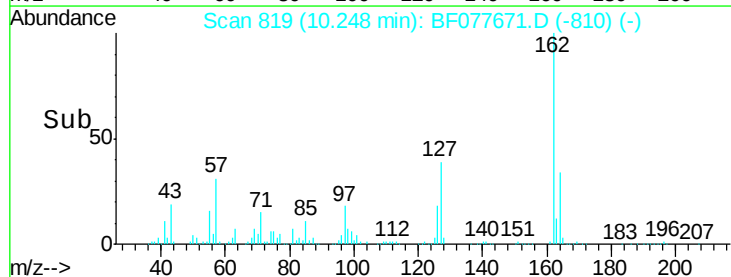
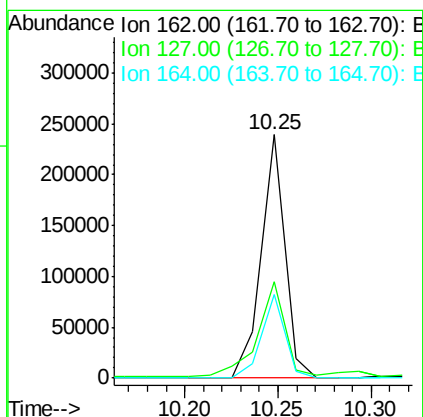
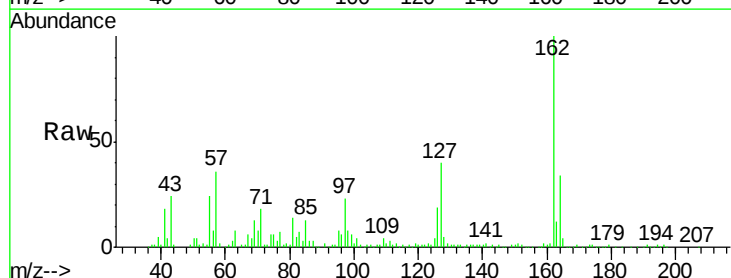
Manual Integrations
APPROVED

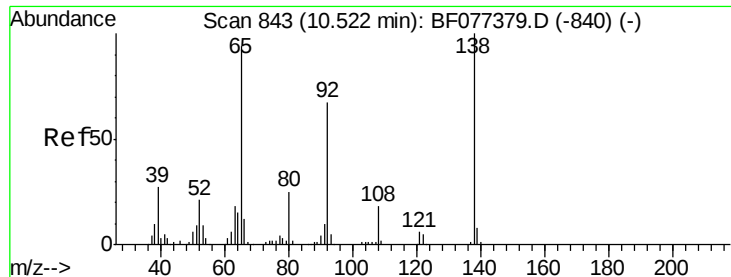
mohammad
3/12/2015 2:21:57 PM



#46
2-Chloronaphthalene
Concen: 34.30 ng
RT: 10.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:	162	Resp:	210178
Ion Ratio	Lower	Upper	
162	100		
127	39.5	33.3	49.9
164	34.1	26.2	39.4





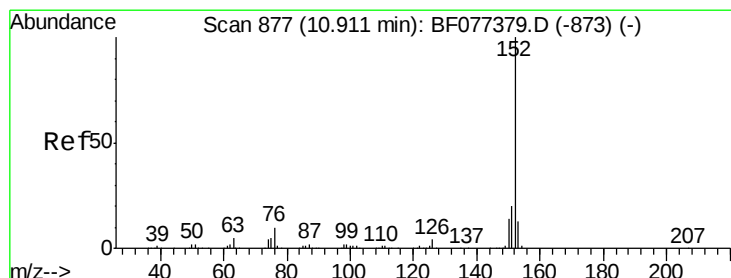
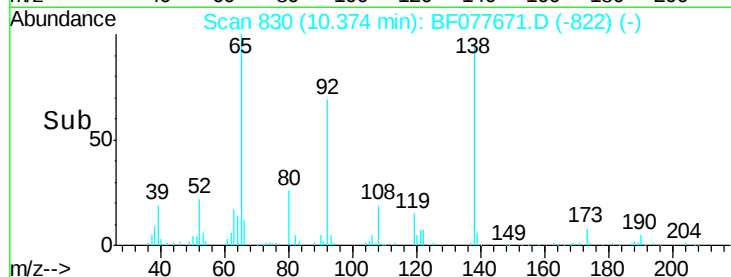
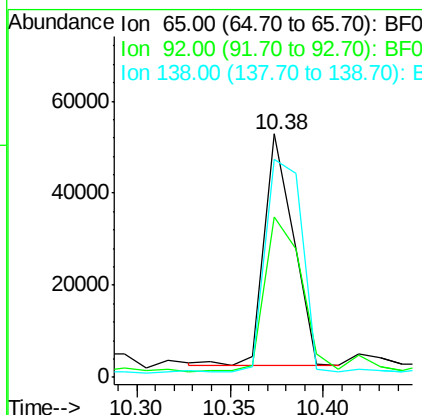
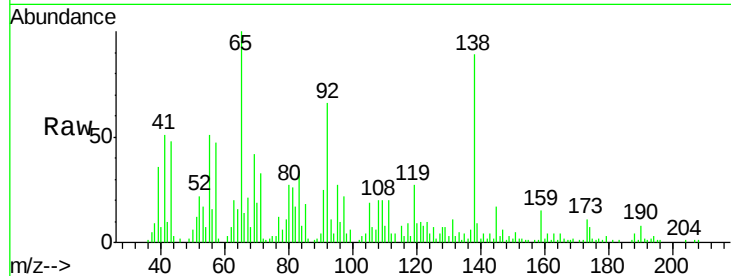
#47
2-Nitroaniline
Concen: 36.22 ng
RT: 10.38 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.4	78.6
138	89.3	73.4	110.0

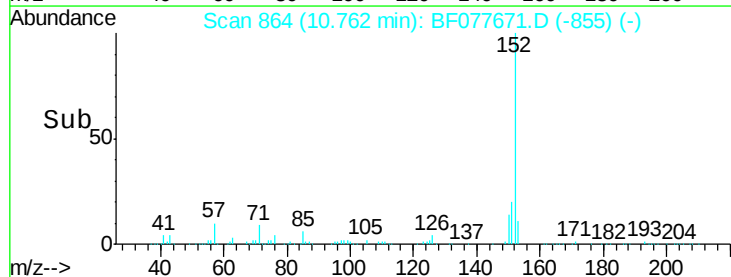
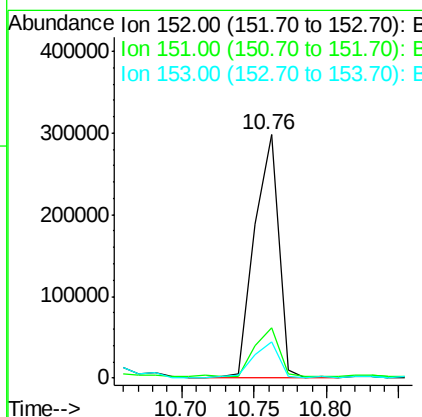
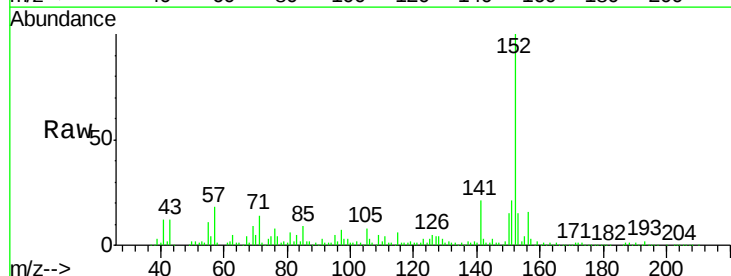
Manual Integrations
APPROVED

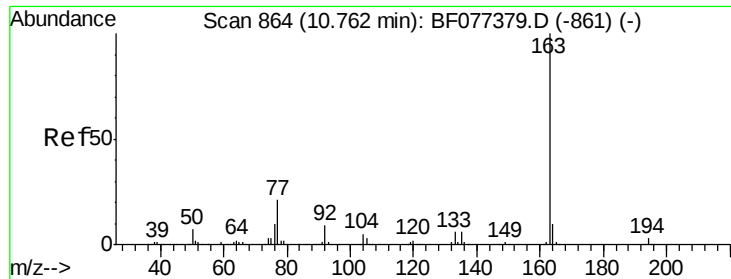
mohammad
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#48
Acenaphthylene
Concen: 35.24 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	15.1	10.9	16.3





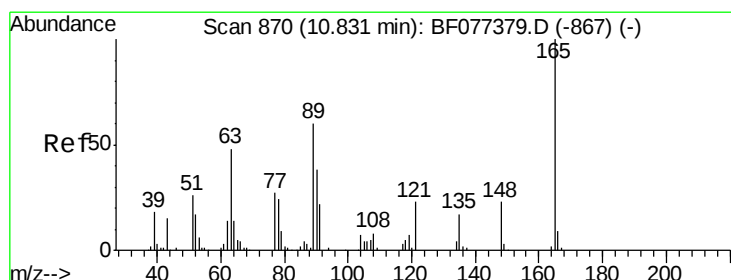
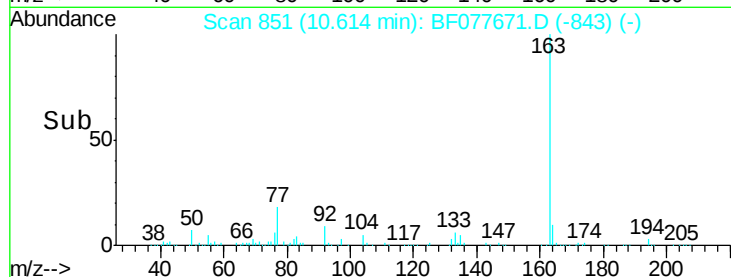
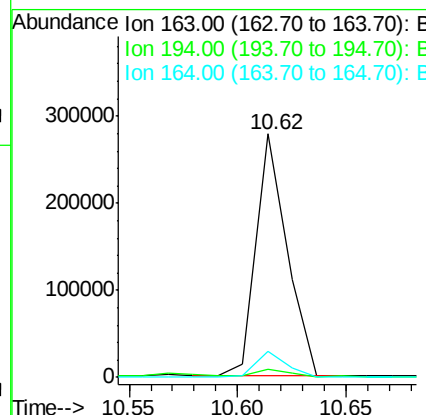
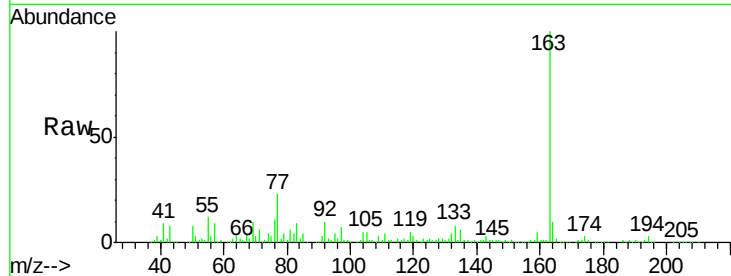
#49
Dimethylphthalate
Concen: 37.89 ng
RT: 10.62 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	274658		
194	3.4		2.6	4.0
164	10.5		8.6	13.0

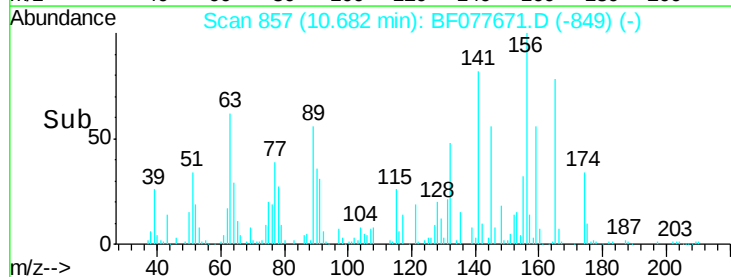
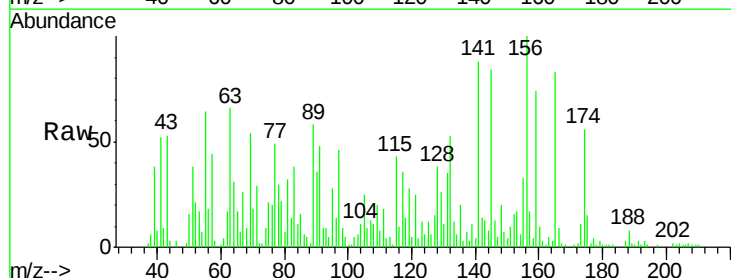
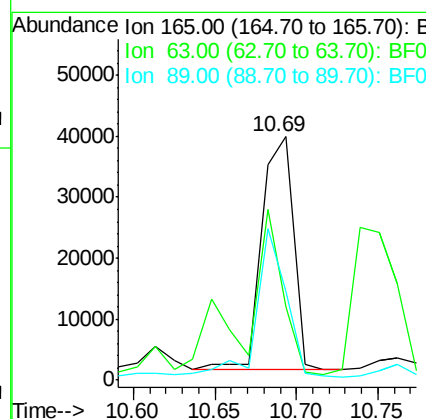
Manual Integrations
APPROVED

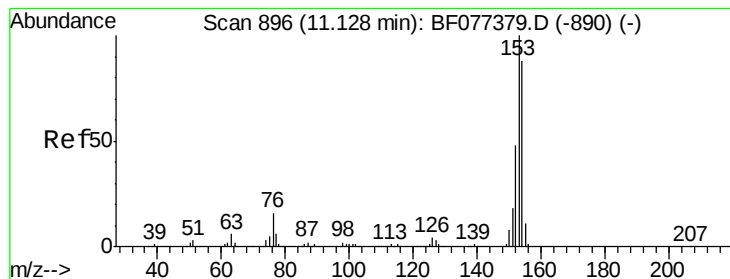
mohammad
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#50
2,6-Dinitrotoluene
Concen: 35.70 ng
RT: 10.69 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	51895		
63	79.4		25.2	37.8#
89	70.3		30.5	45.7#





#51

Acenaphthene

Concen: 34.80 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

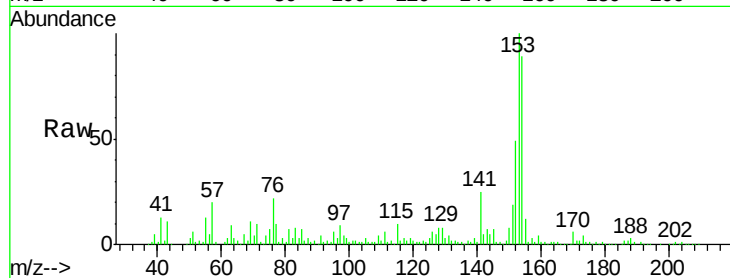
ClientSampleId :

B2(8-9)MS

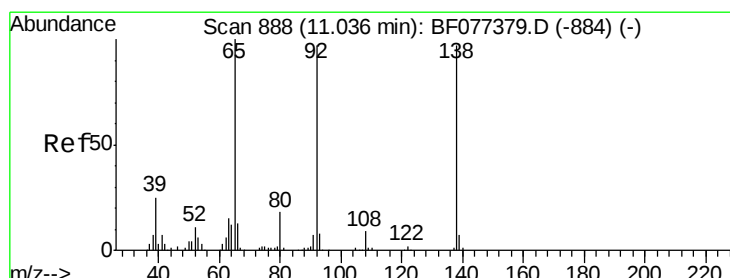
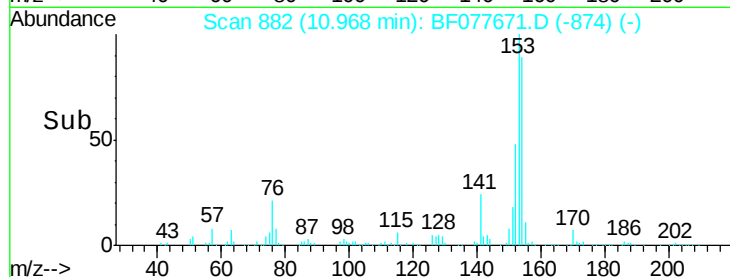
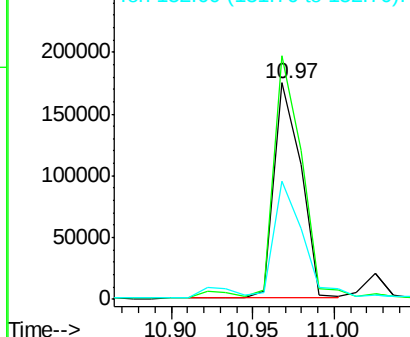
Tot Ion:	154	Resp:	201408
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.5	135.7
152	54.9	43.5	65.3

Manual Integrations
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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: 34.52 ng

RT: 10.89 min Scan# 875

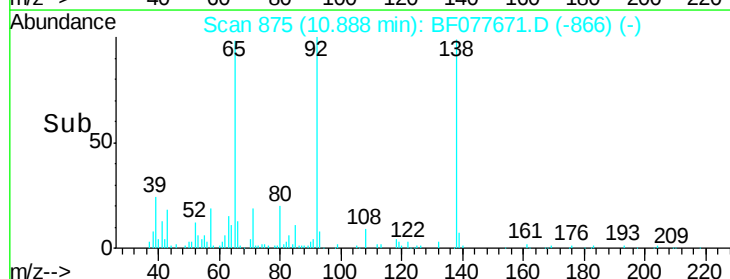
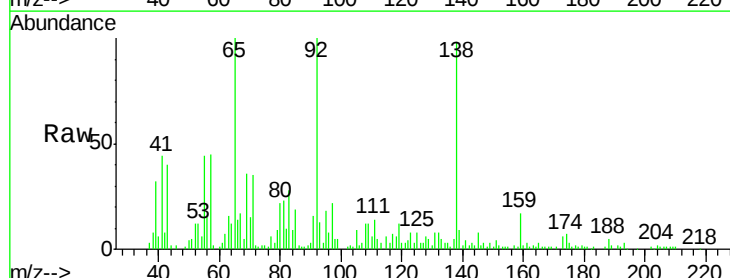
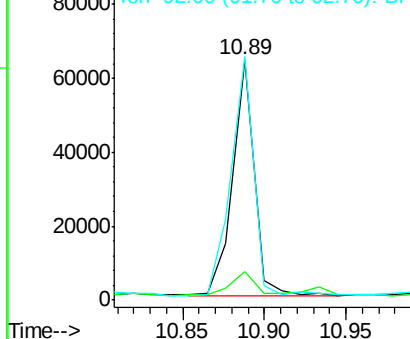
Delta R.T. -0.00 min

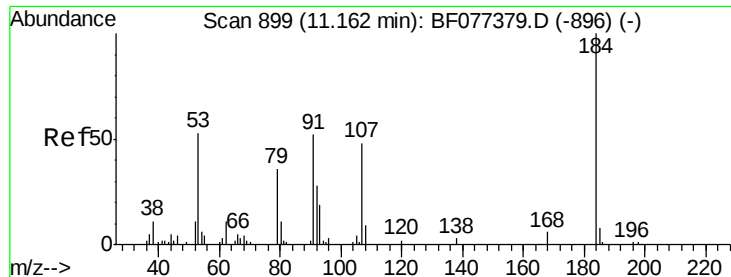
Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	138	Resp:	57859
Ion Ratio	Lower	Upper	
138	100		
108	12.0	7.8	11.8#
92	101.5	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





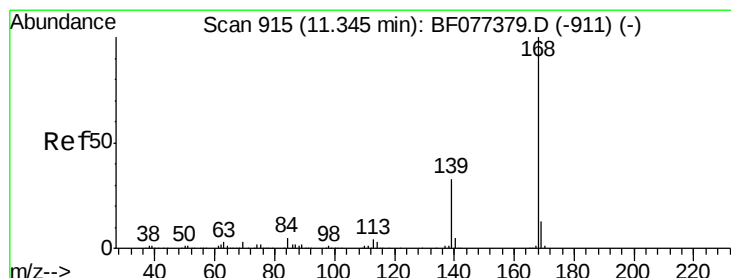
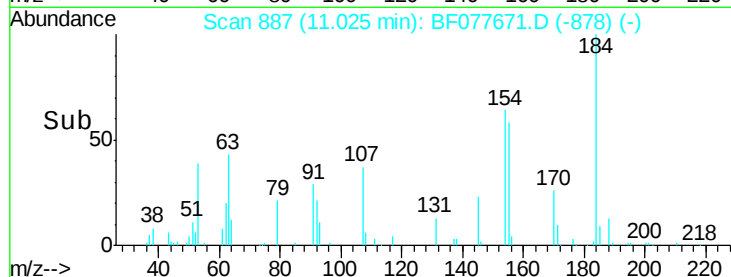
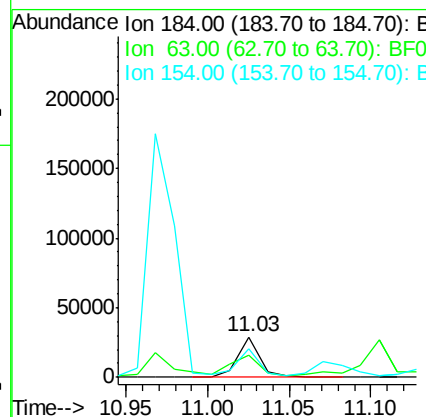
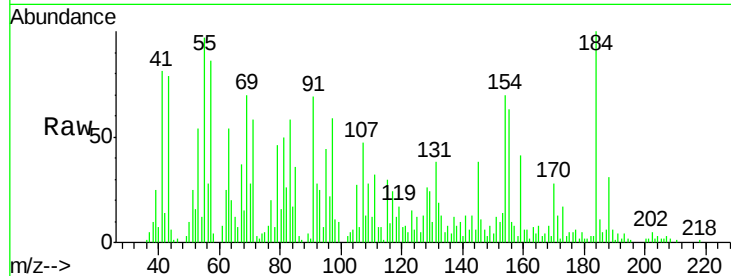
#53
2,4-Dinitrophenol
Concen: 61.62 ng
RT: 11.03 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.3	29.5	44.3#
154	70.3	43.2	64.8#

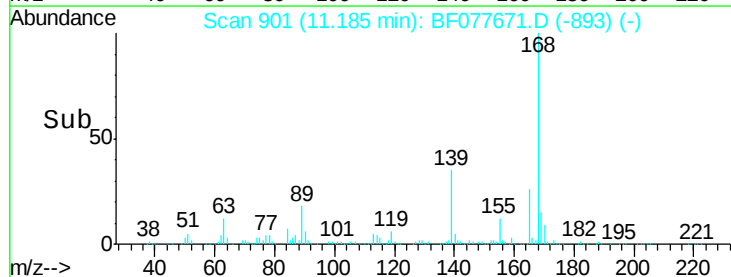
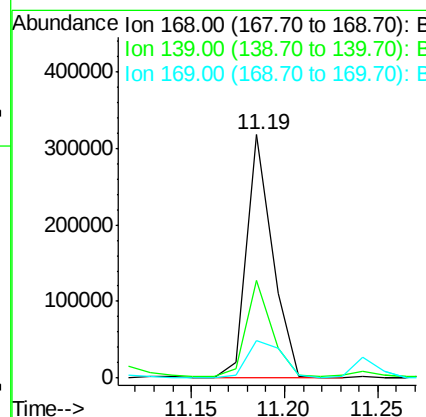
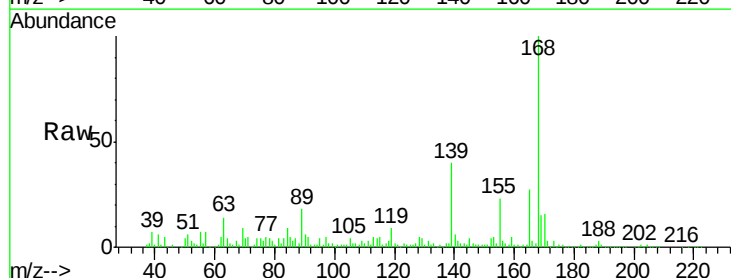
Manual Integrations
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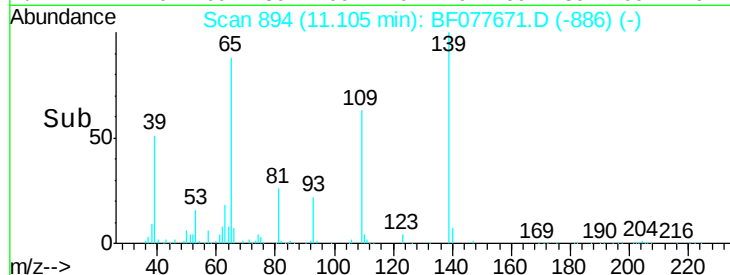
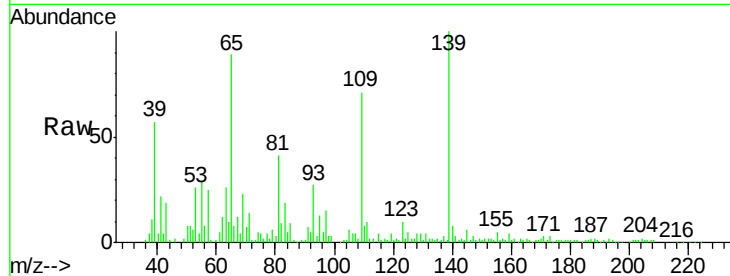
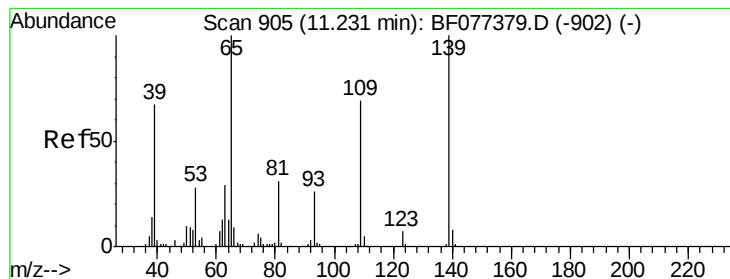
mohammad
3/12/2015 2:21:57 PM



#54
Dibenzofuran
Concen: 34.66 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	29.3	43.9
169	15.4	10.9	16.3





#55

4-Nitrophenol

Concen: 75.80 ng

RT: 11.10 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.9	36.2	76.2	
65	89.1	40.3	80.3#	

Instrument :

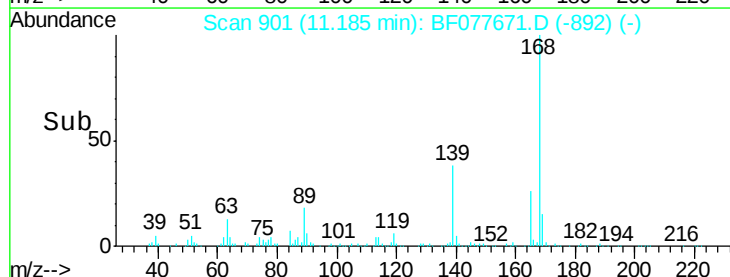
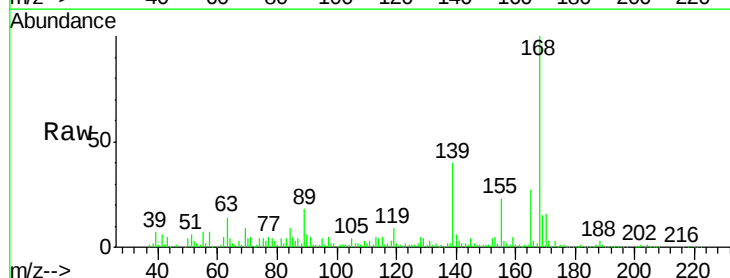
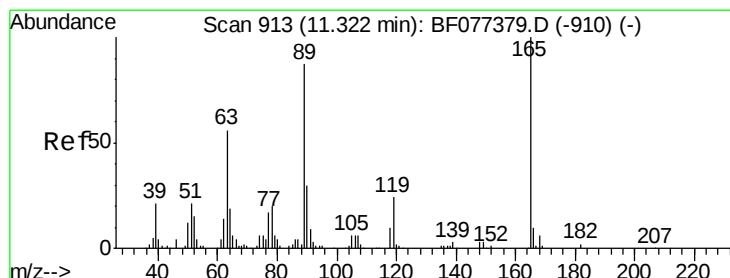
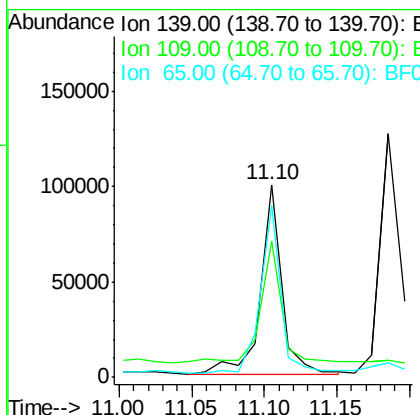
BNA_F

ClientSampleId :

B2(8-9)MS

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 40.45 ng

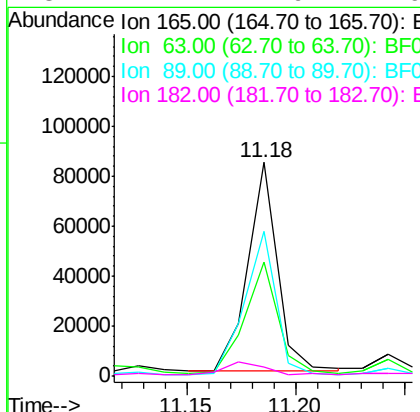
RT: 11.18 min Scan# 901

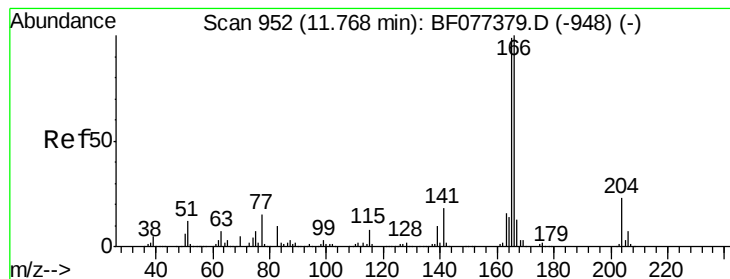
Delta R.T. 0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.2	29.8	44.8#	
89	68.0	48.5	72.7	
182	4.4	1.9	2.9#	





#57

Fluorene

Concen: 39.16 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

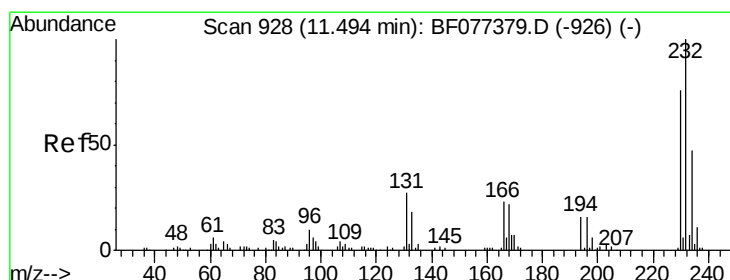
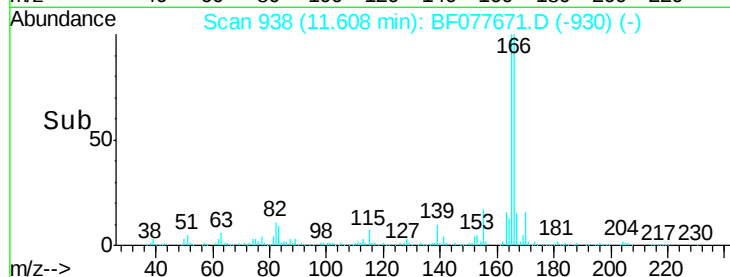
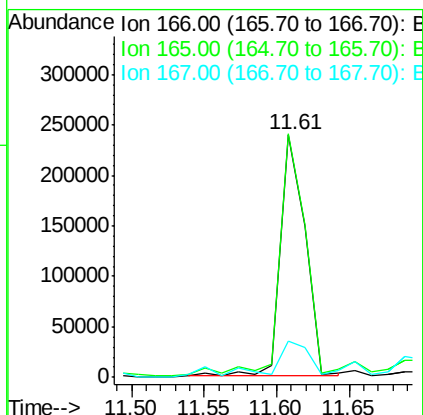
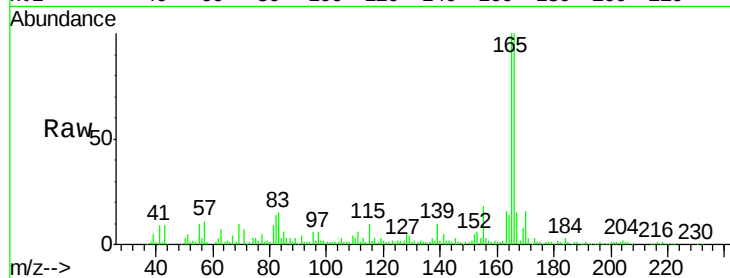
ClientSampleId :

B2(8-9)MS

Manual Integrations
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3/12/2015 2:21:57 PM

Tot Ion	166	Resp	279812
Ion Ratio	Lower	Upper	
166	100		
165	100.4	77.6	116.4
167	15.0	10.6	16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.75 ng

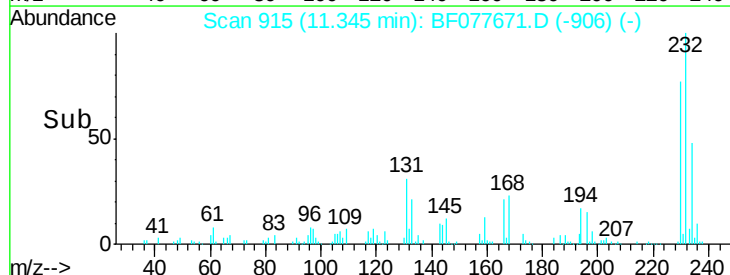
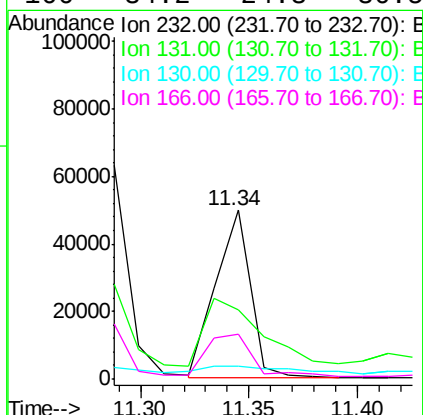
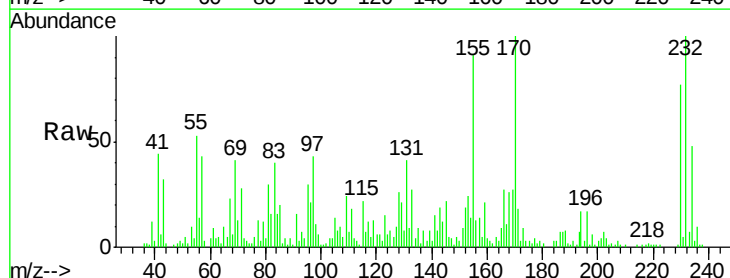
RT: 11.34 min Scan# 915

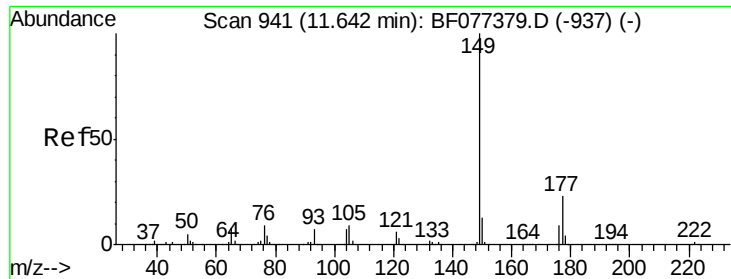
Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion	232	Resp	55170
Ion Ratio	Lower	Upper	
232	100		
131	66.9	34.2	51.2#
130	9.9	1.8	2.6#
166	34.2	24.3	36.5





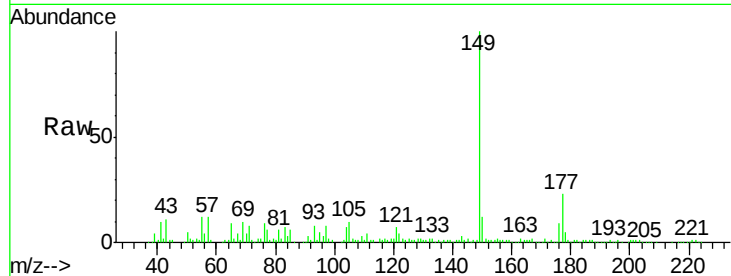
#59
Diethylphthalate
Concen: 32.92 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

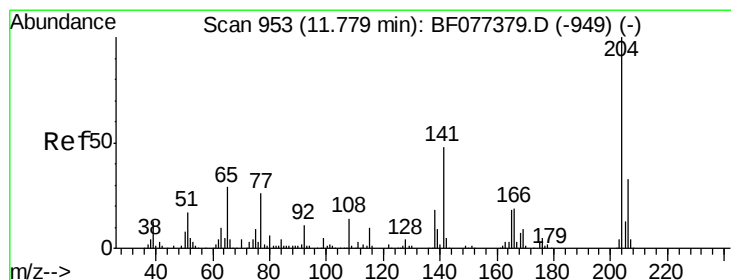
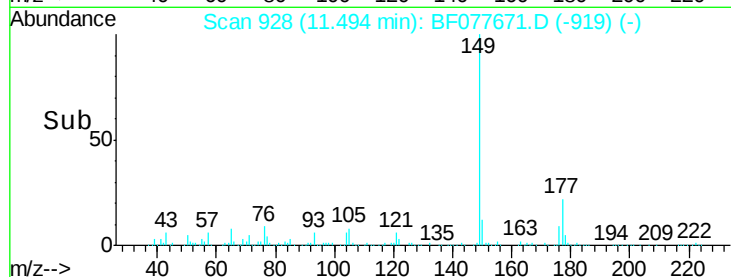
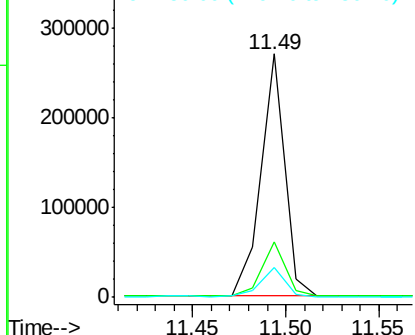
Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	22.7	17.2	25.8
150	12.4	10.5	15.7

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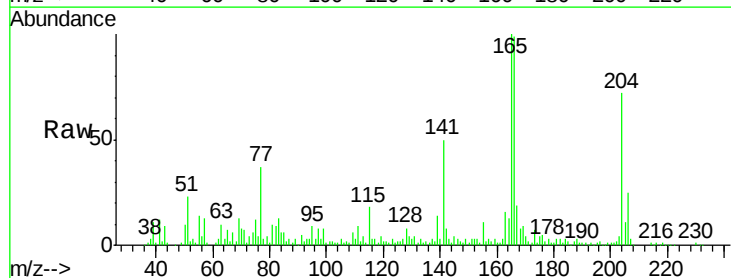


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

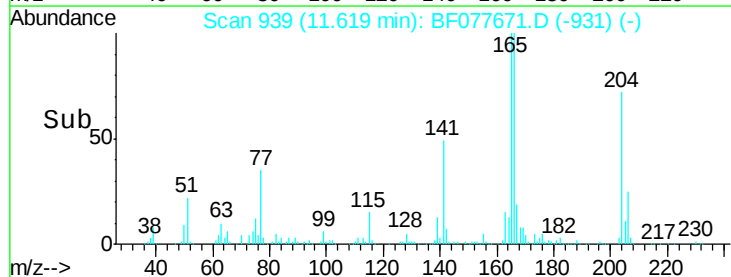
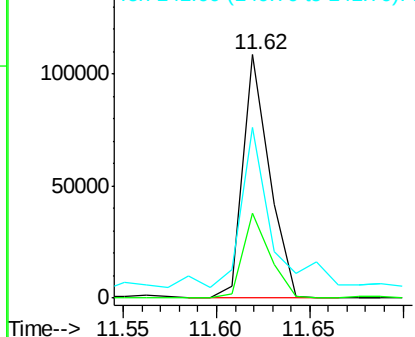


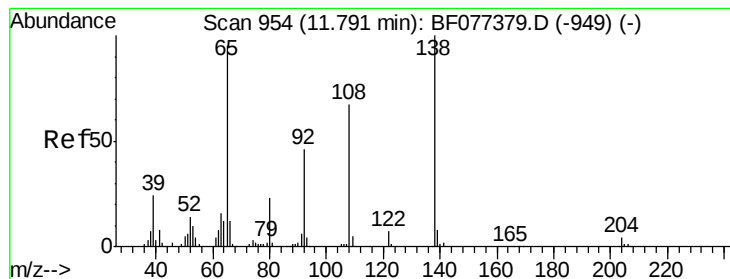
#60
4-Chlorophenyl-phenylether
Concen: 30.90 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.7	25.9	38.9
141	70.0	43.6	65.4#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





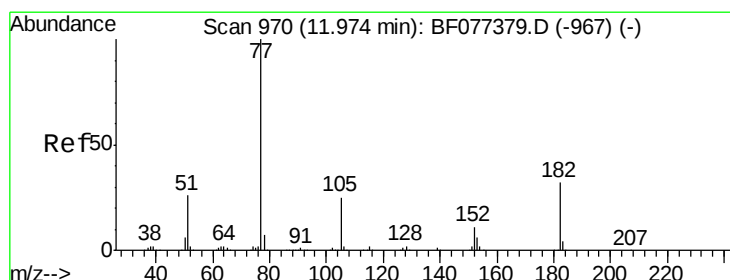
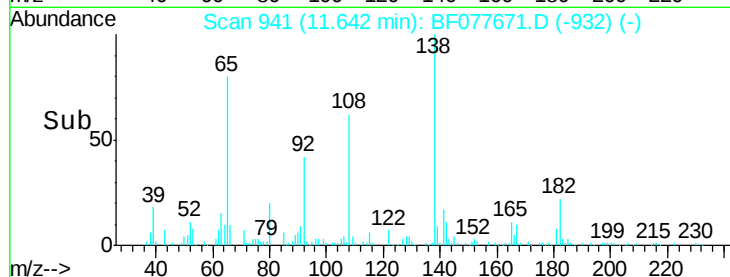
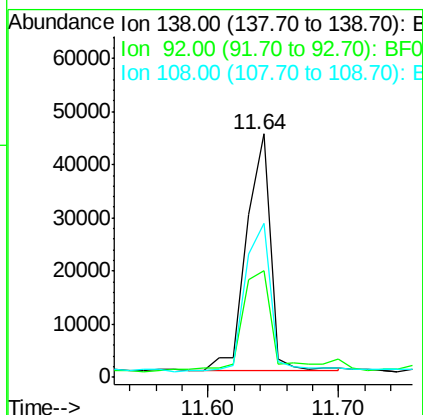
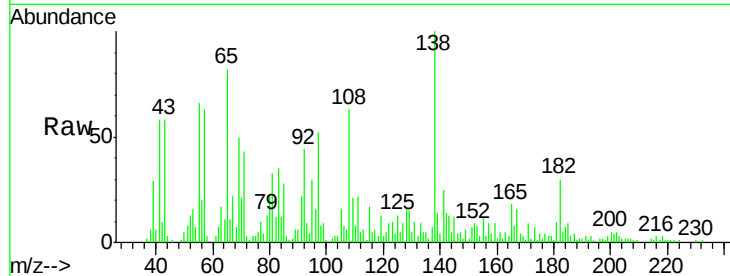
#61
4-Nitroaniline
Concen: 34.83 ng
RT: 11.64 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.0	32.8	72.8
108	63.1	52.1	92.1

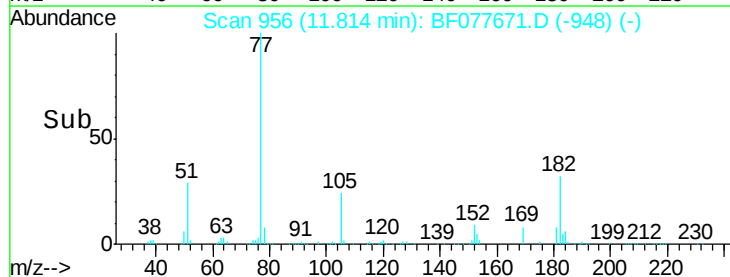
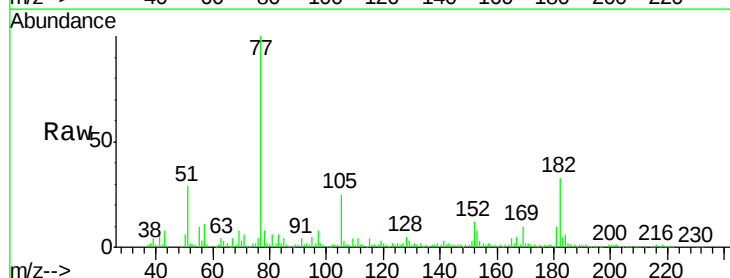
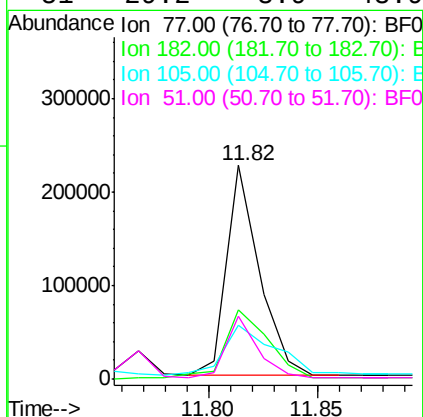
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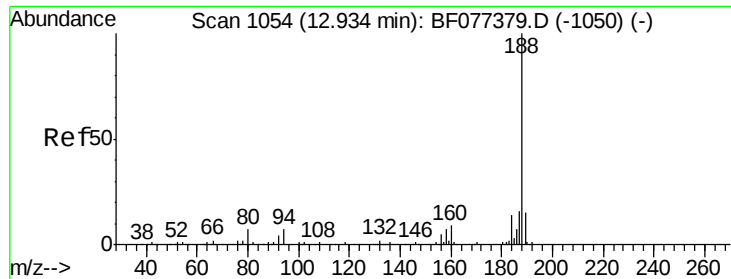
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#62
Azobenzene
Concen: 34.51 ng
RT: 11.82 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.5	4.9	44.9
105	25.0	3.3	43.3
51	29.2	8.9	48.9





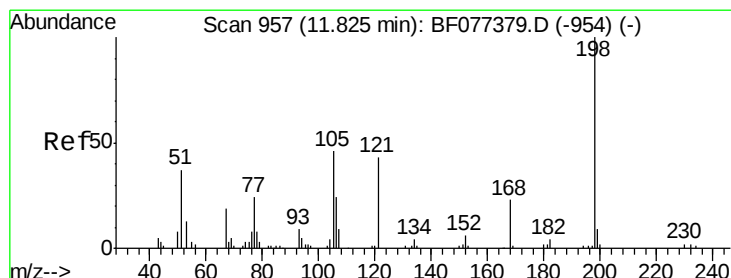
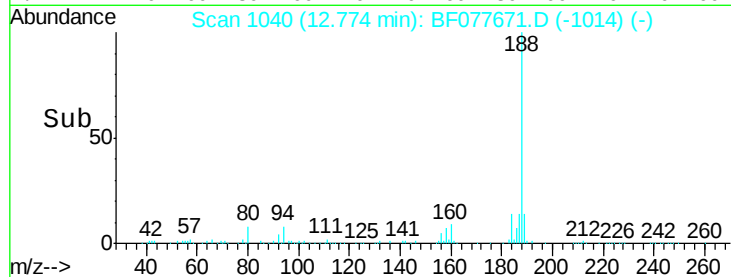
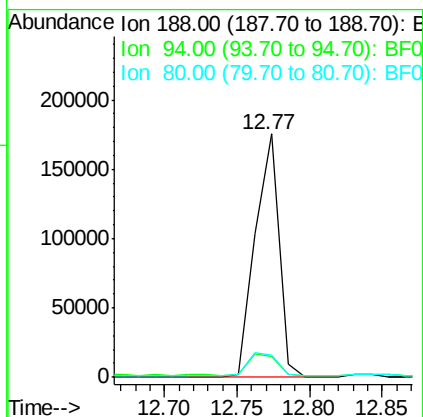
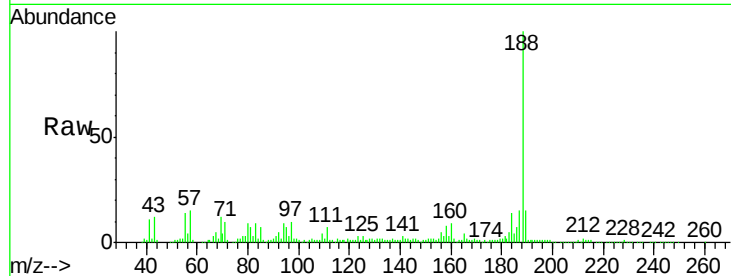
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.2	8.0	12.0

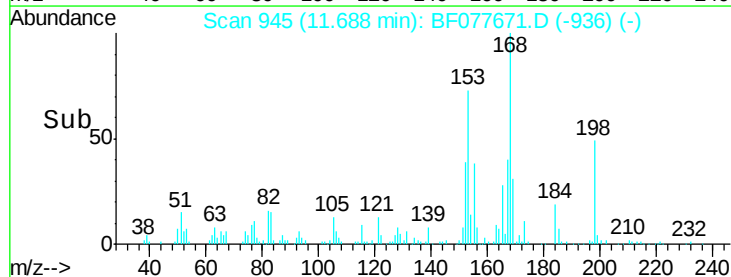
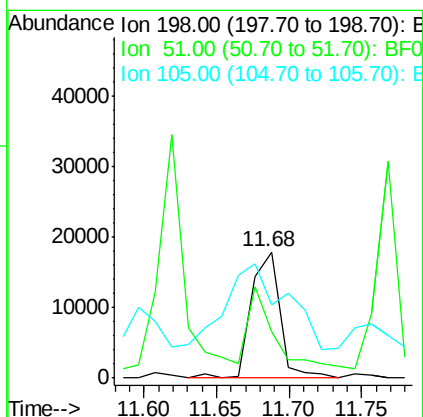
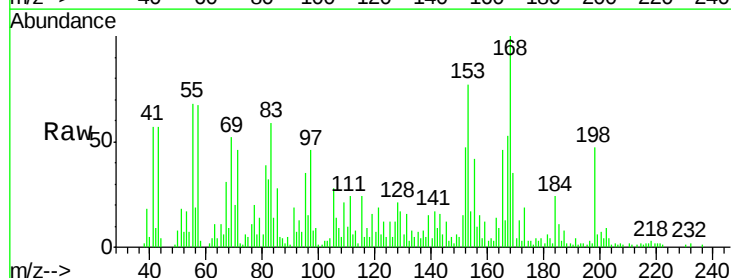
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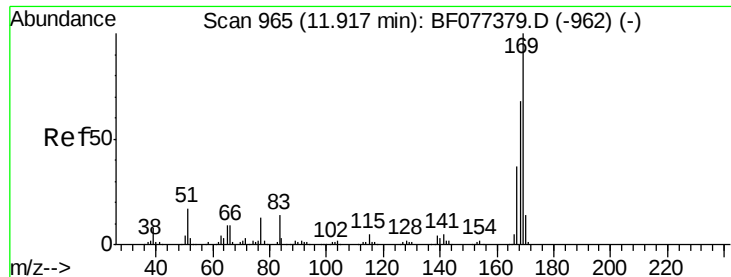
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.42 ng
RT: 11.68 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.3	2.7	42.7
105	58.8	10.0	50.0





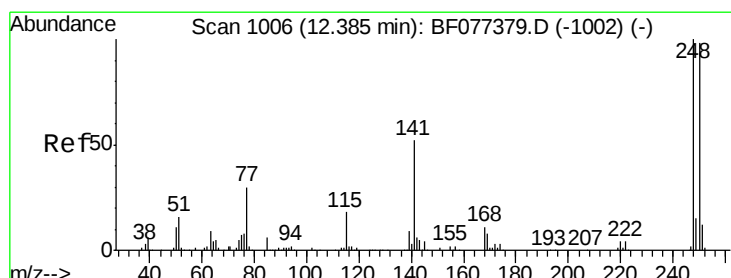
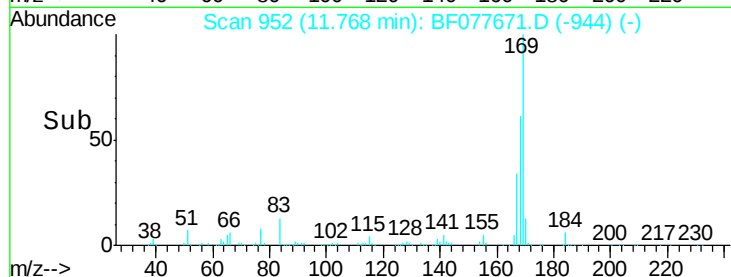
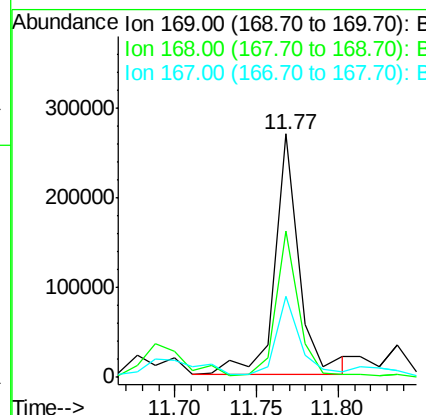
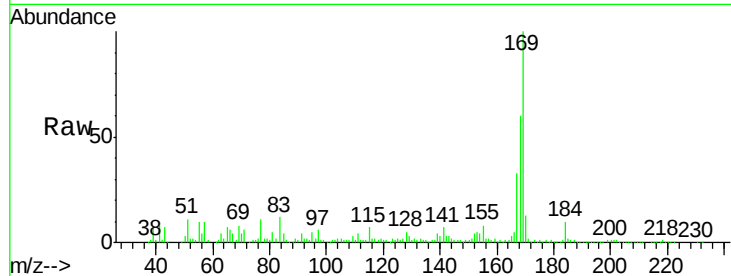
#65
n-Nitrosodiphenylamine
Concen: 42.32 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	279161		
168	60.0	53.0	79.6	
167	33.2	29.5	44.3	

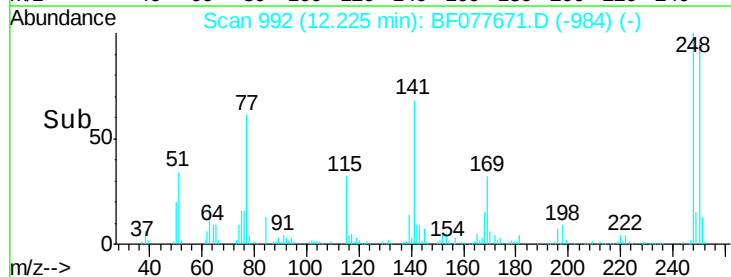
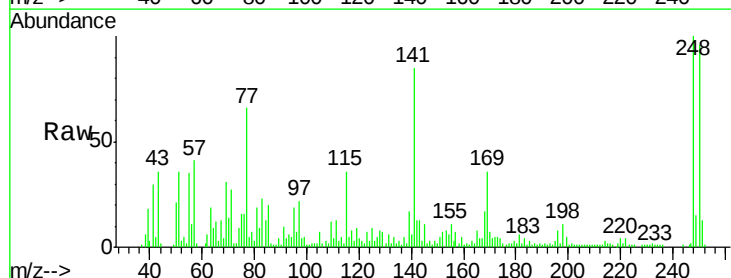
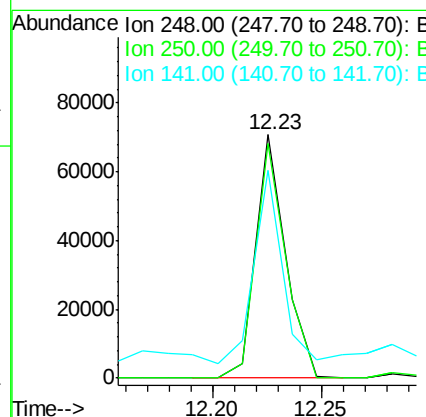
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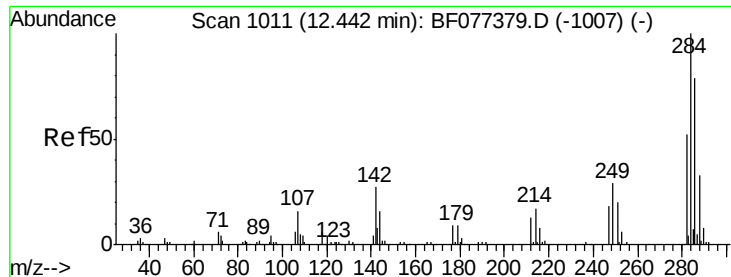
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 28.97 ng
RT: 12.23 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	67432		
250	96.4	78.0	117.0	
141	85.5	54.1	81.1#	





#67

Hexachlorobenzene

Concen: 28.14 ng

RT: 12.29 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

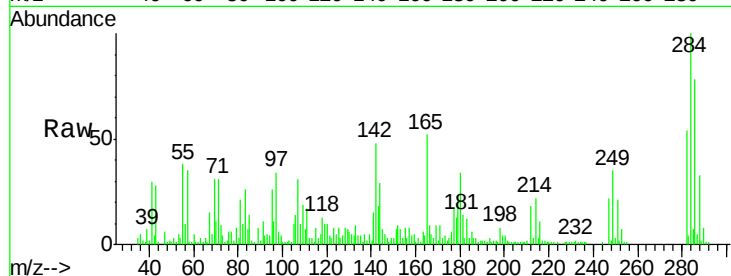
ClientSampleId :

B2(8-9)MS

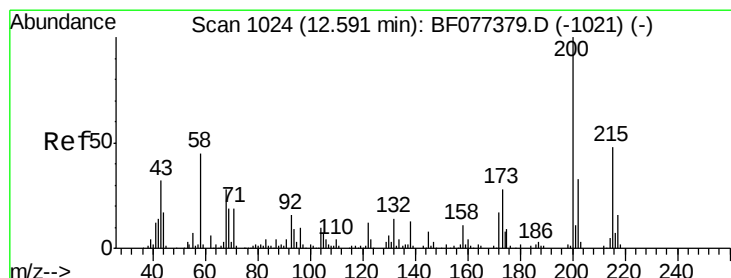
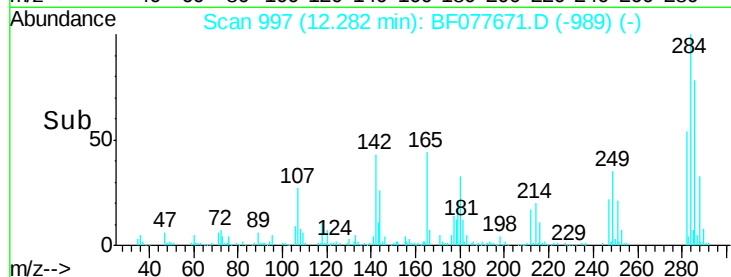
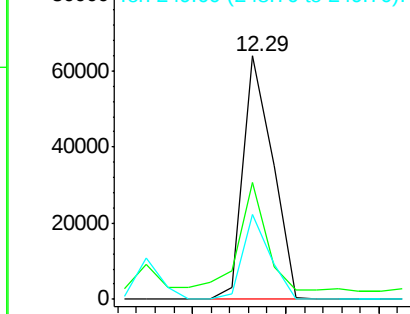
Tot Ion:	284	Resp:	70321
Ion Ratio	Lower	Upper	
284	100		
142	47.8	31.6	47.4#
249	35.1	27.0	40.4

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



#68

Atrazine

Concen: 34.37 ng

RT: 12.44 min Scan# 1011

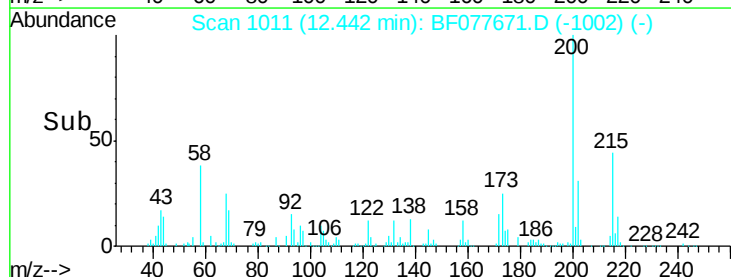
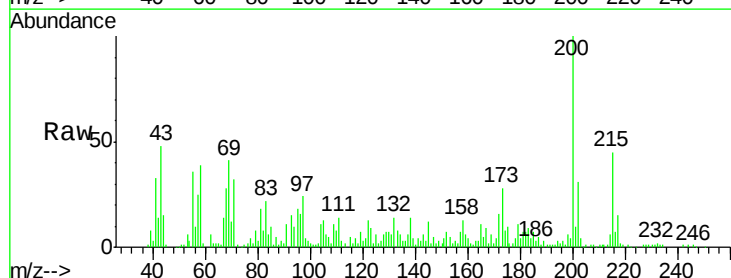
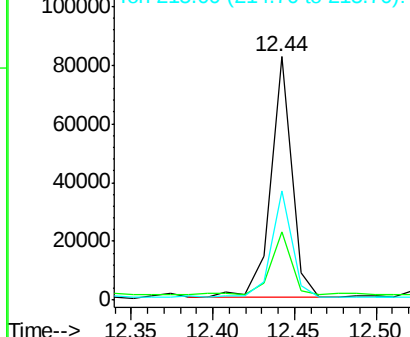
Delta R.T. -0.00 min

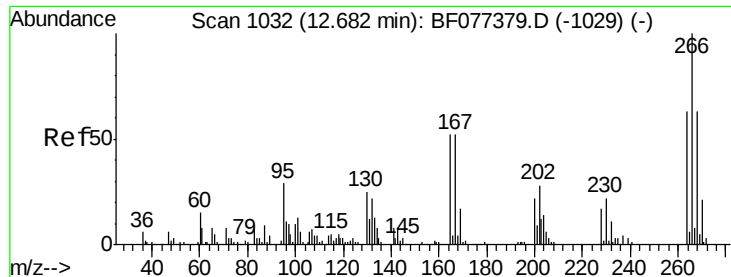
Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	200	Resp:	73698
Ion Ratio	Lower	Upper	
200	100		
173	27.8	9.6	49.6
215	44.9	24.4	64.4

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





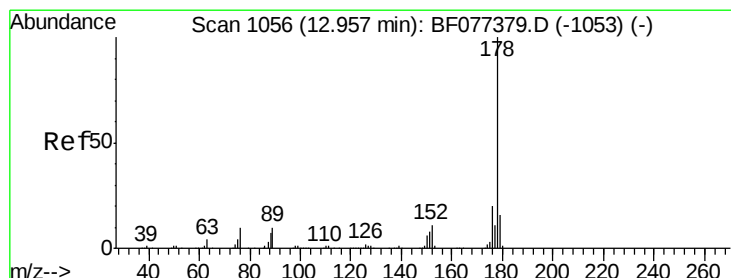
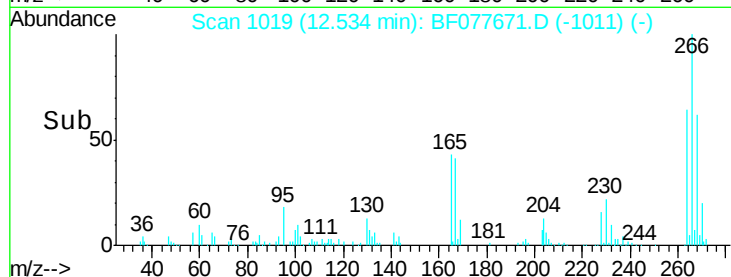
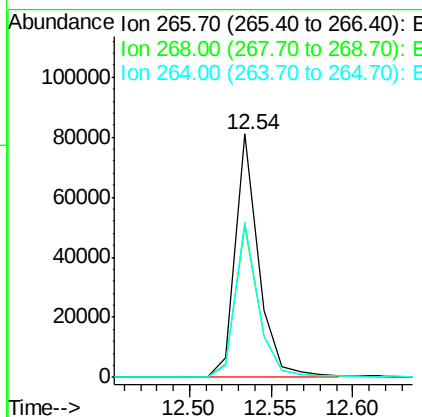
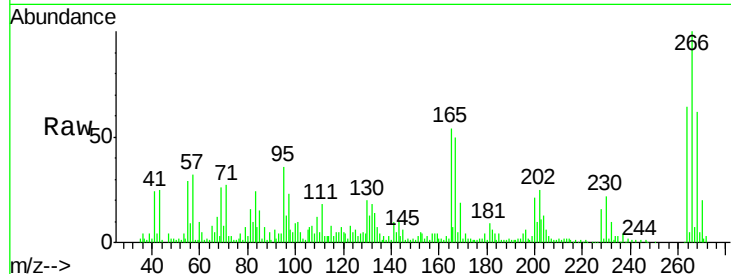
#69
 Pentachlorophenol
 Concen: 60.89 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	79958		
268	62.3	51.2	76.8	
264	63.8	50.7	76.1	

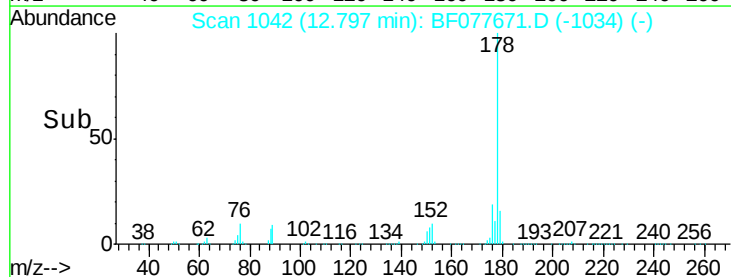
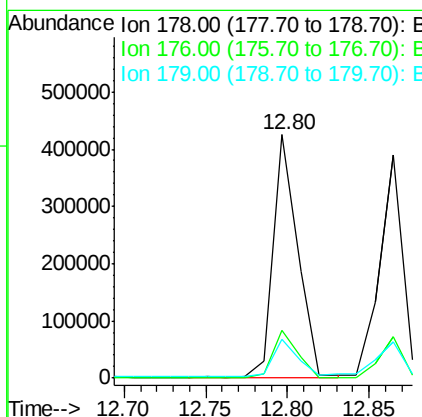
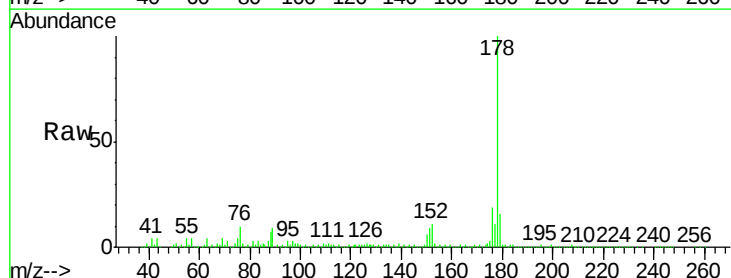
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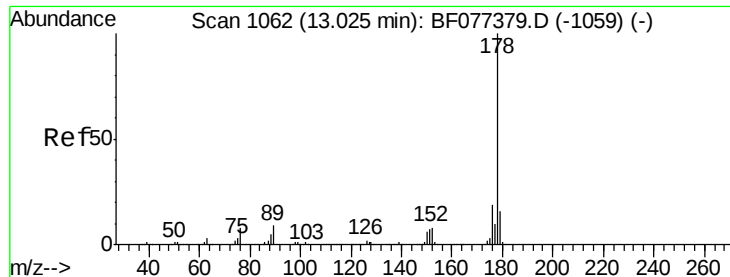
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#70
 Phenanthrene
 Concen: 38.49 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	443510		
176	19.4	15.5	23.3	
179	16.0	12.2	18.2	





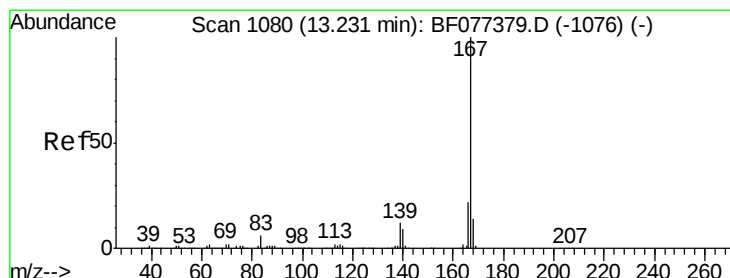
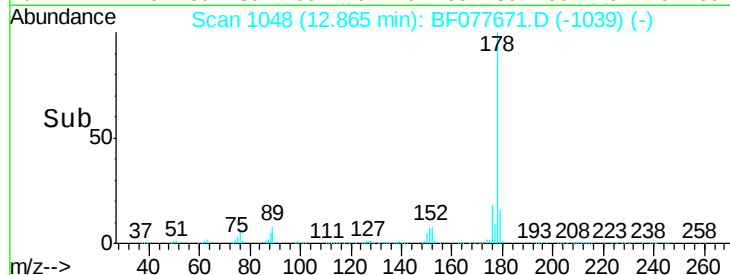
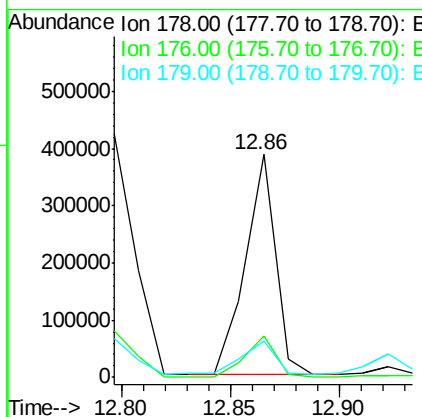
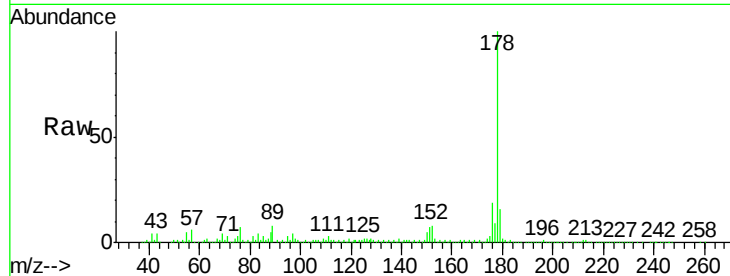
#71
 Anthracene
 Concen: 32.52 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampled :
 B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	16.3	12.9	19.3

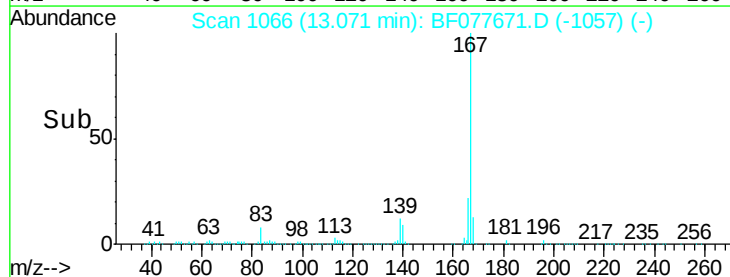
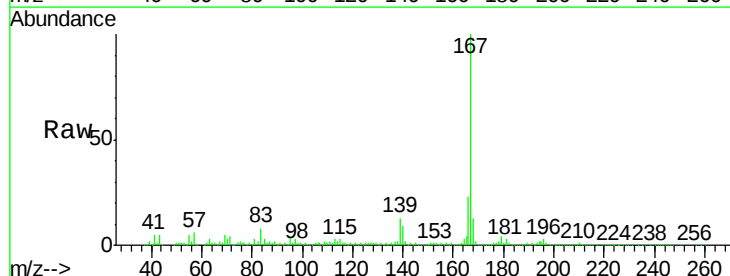
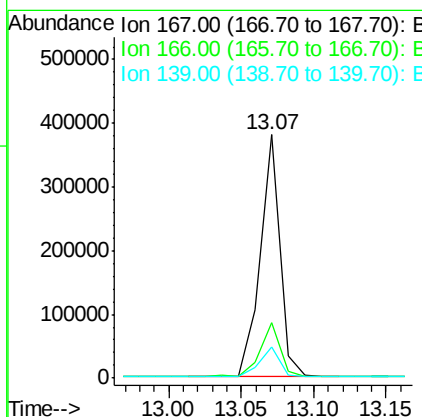
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#72
 Carbazole
 Concen: 32.90 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	12.6	9.9	14.9





#73

Di-n-butylphthalate

Concen: 31.43 ng

RT: 13.52 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

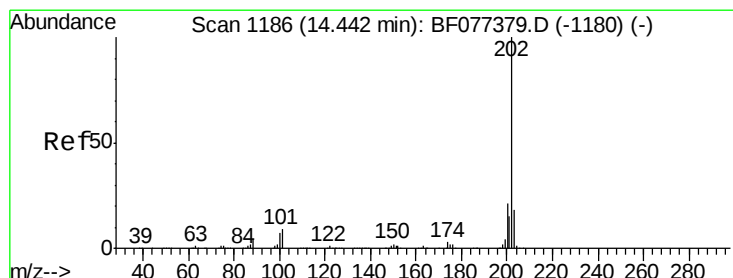
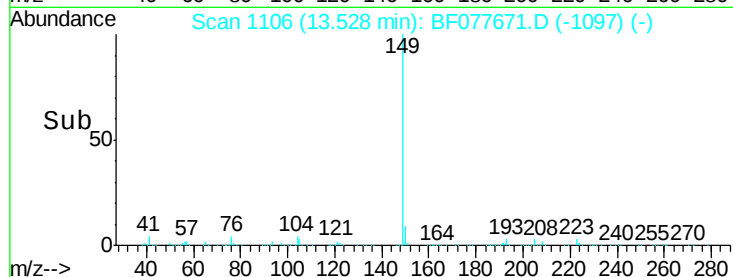
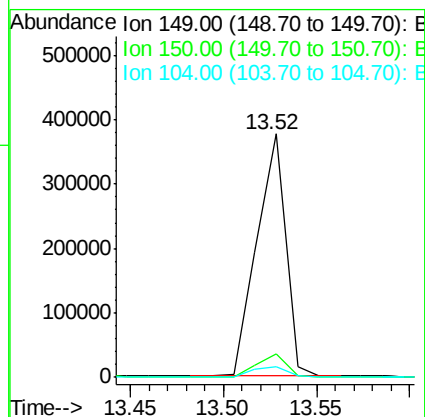
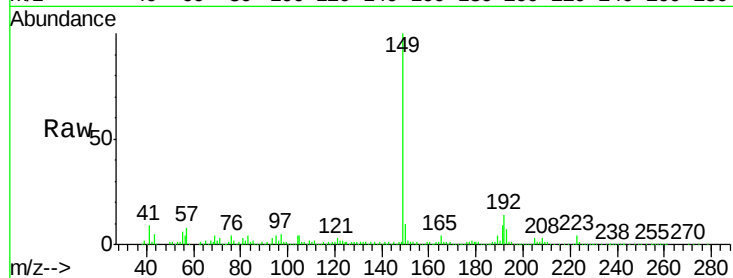
ClientSampleId :

B2(8-9)MS

Tot Ion:	149	Resp:	401288
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.8
104	4.3	4.1	6.1

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#74

Fluoranthene

Concen: 32.25 ng

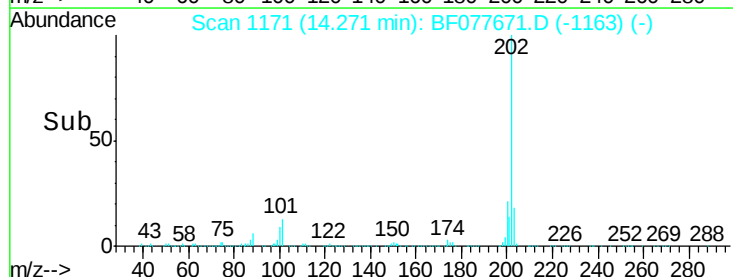
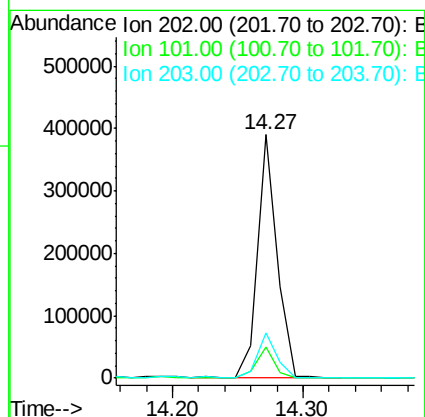
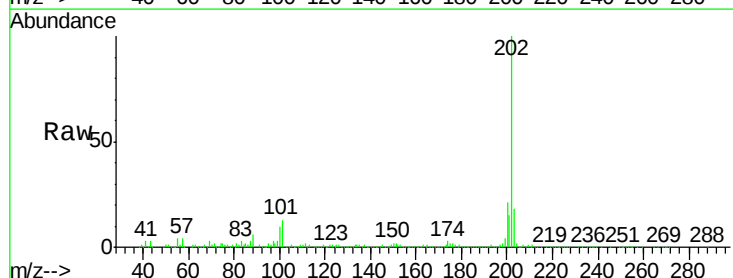
RT: 14.27 min Scan# 1171

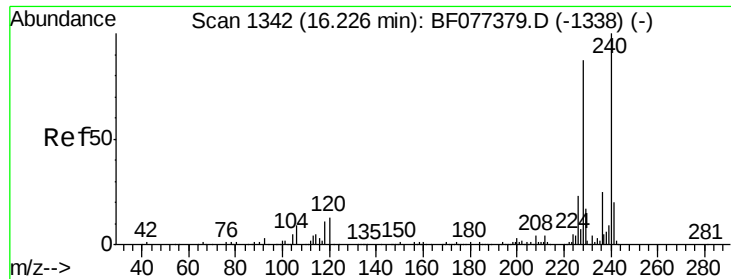
Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	202	Resp:	405837
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	30.8
203	18.4	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

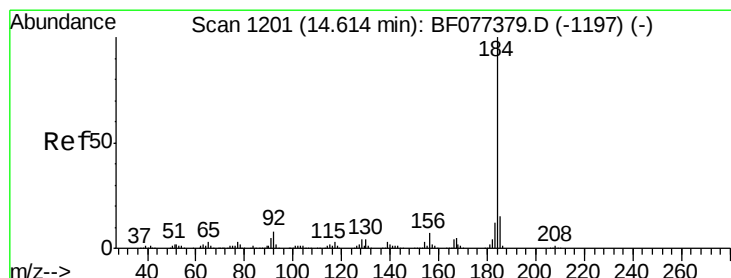
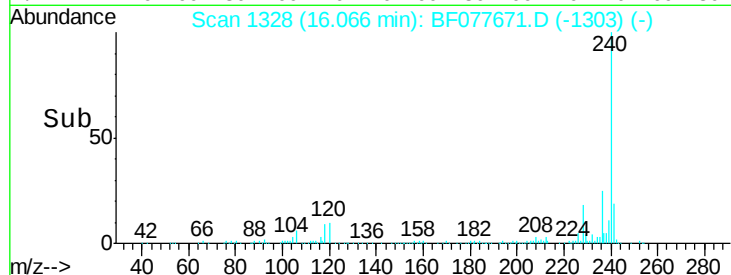
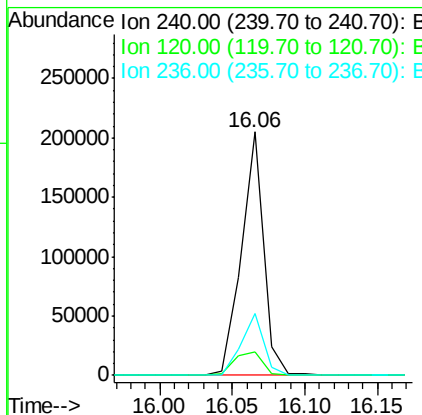
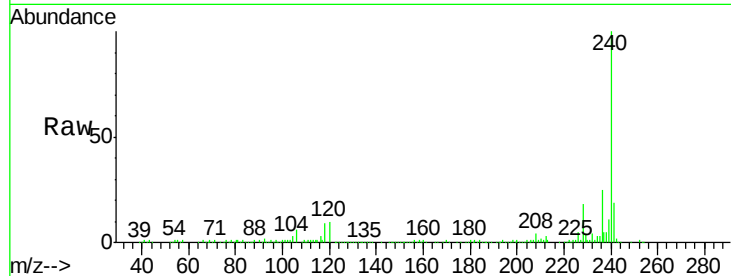
ClientSampleId :

B2(8-9)MS

Tot Ion:	240	Resp:	218601
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.8	13.2
236	25.5	20.7	31.1

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#76

Benzidine

Concen: 29.54 ng

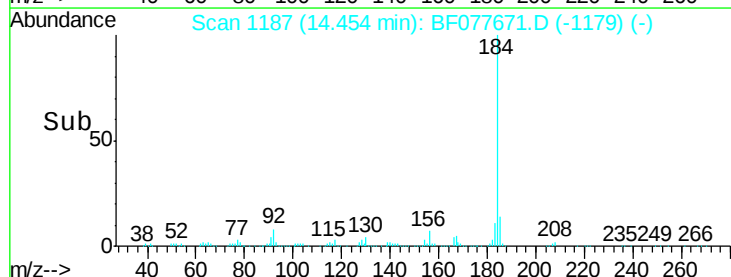
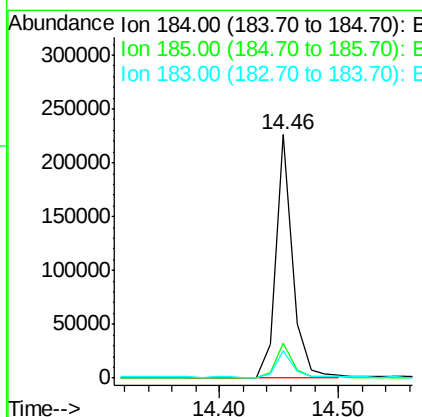
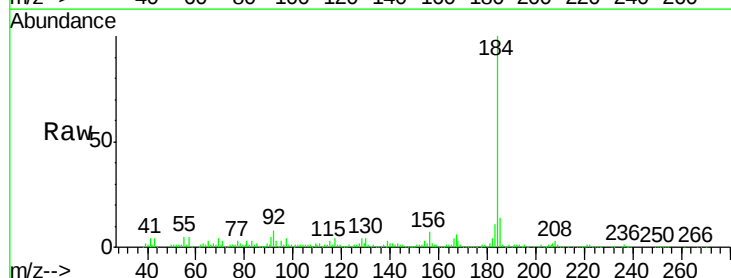
RT: 14.46 min Scan# 1187

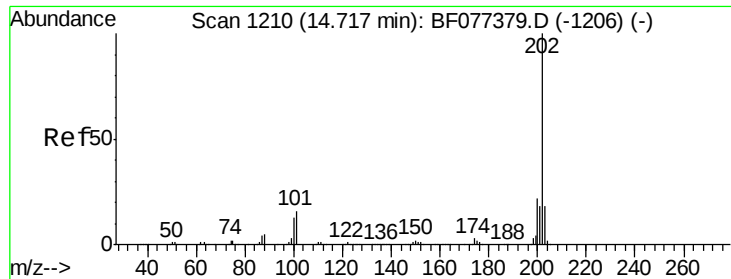
Delta R.T. -0.01 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	184	Resp:	218176
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.3	9.3	13.9





#77

Pvrene

Concen: 32.47 ng

RT: 14.55 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

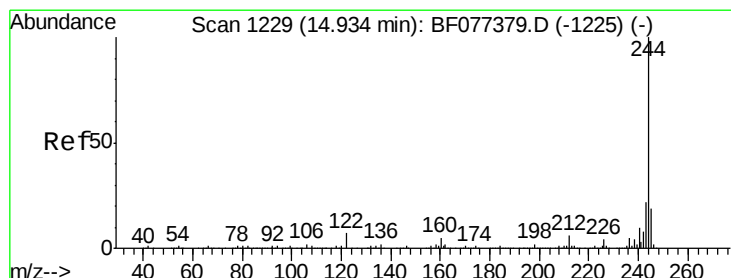
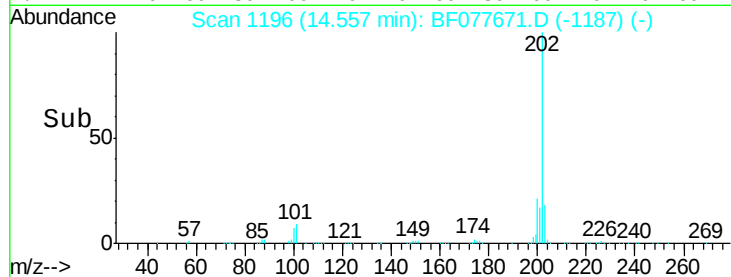
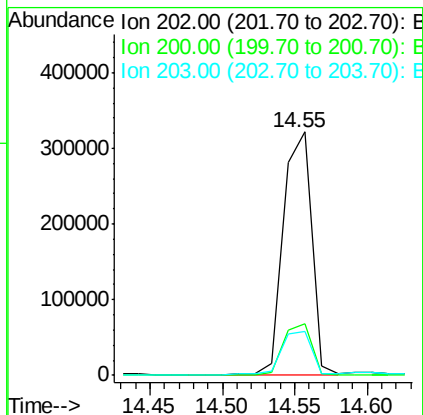
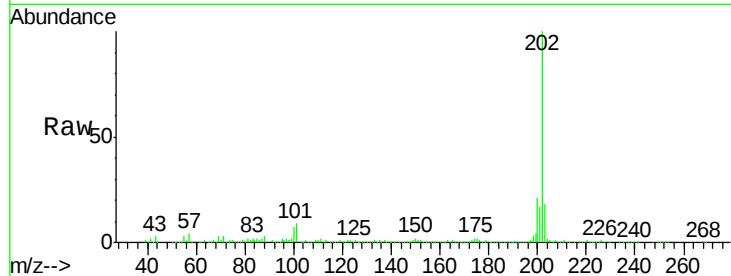
ClientSampleId :

B2(8-9)MS

Tot Ion:	202	Resp:	434204
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.1	25.7
203	18.1	14.2	21.2

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3/12/2015 2:21:57 PM



#78

Terphenyl-d14

Concen: 59.69 ng

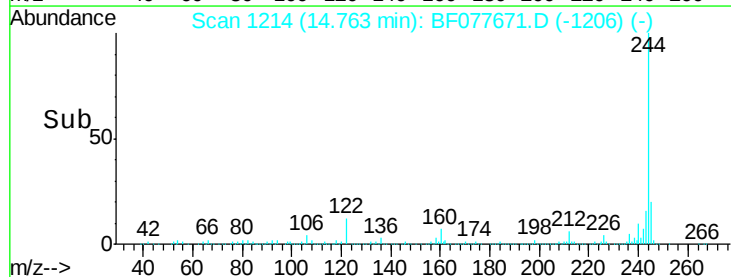
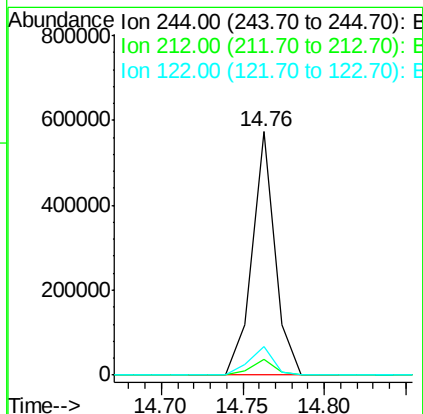
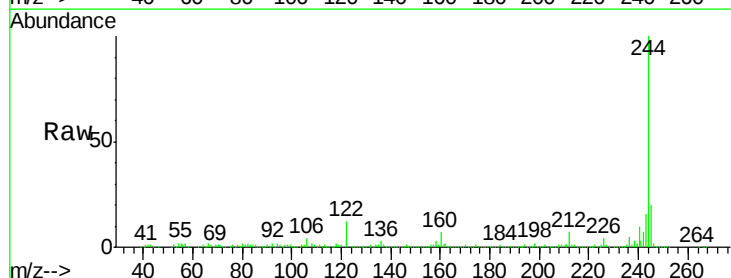
RT: 14.76 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:	244	Resp:	558164
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.2	7.8
122	11.8	7.8	11.8





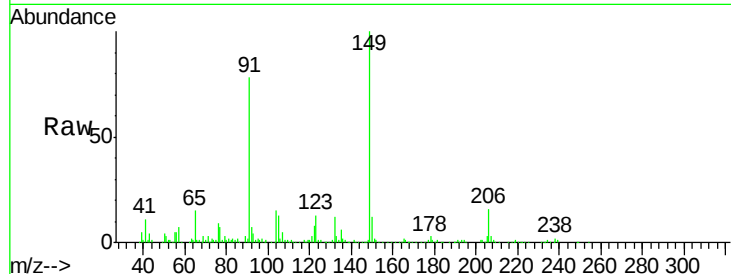
#79
Butylbenzylphthalate
Concen: 32.60 ng
RT: 15.38 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

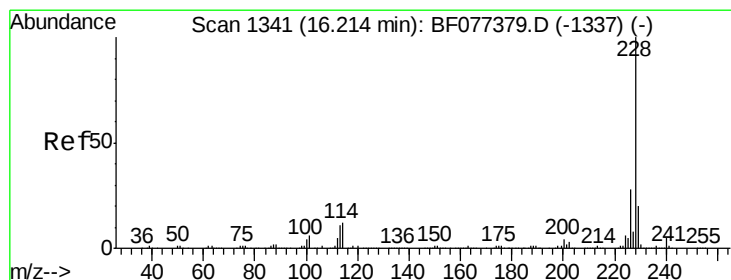
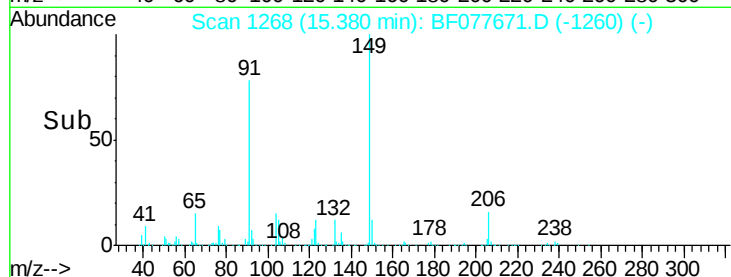
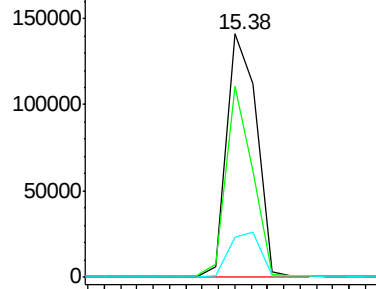
Tot Ion	Ratio	Resp	Lower	Upper
149	100	179371		
91	78.4	51.2	76.8#	
206	16.3	17.8	26.8#	

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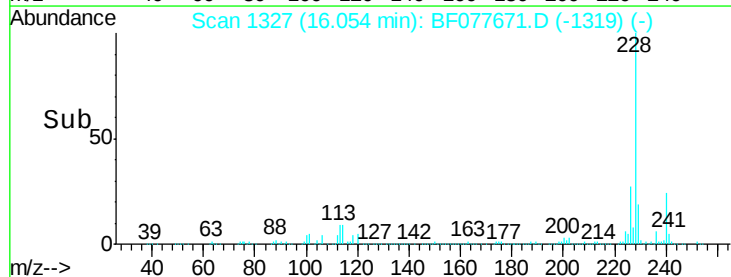
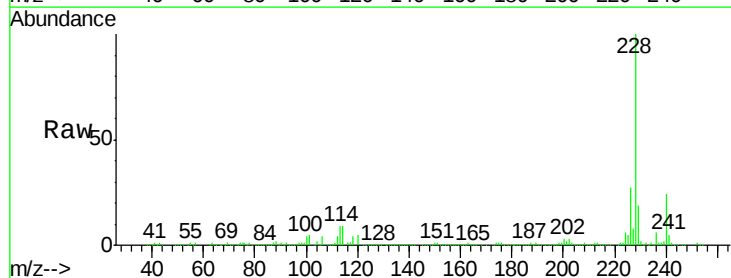
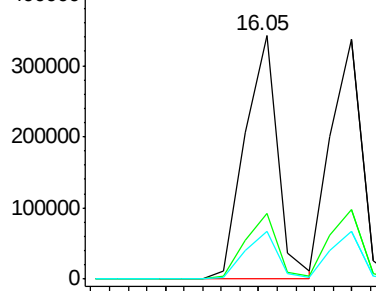
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

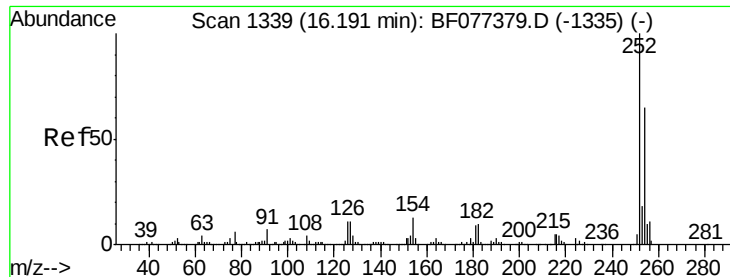


#80
Benzo(a)anthracene
Concen: 32.49 ng
RT: 16.05 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	416281		
226	26.9	22.0	33.0	
229	19.4	15.8	23.8	

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





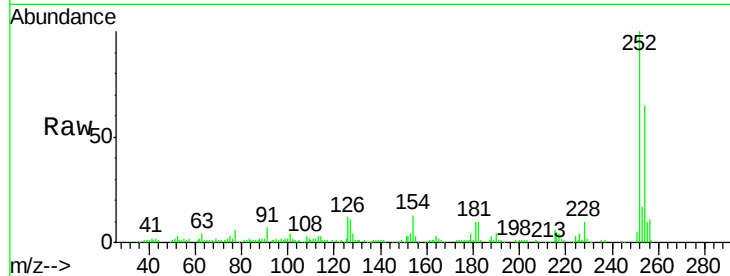
#81
 3,3'-Dichlorobenzidine
 Concen: 22.03 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

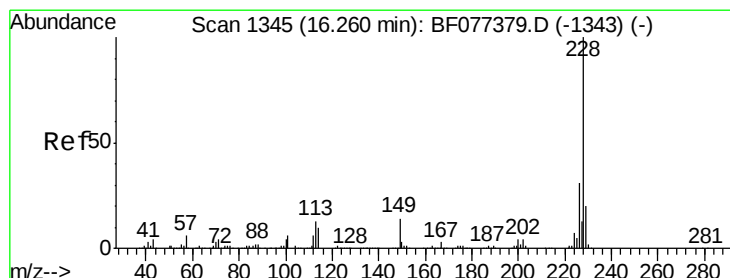
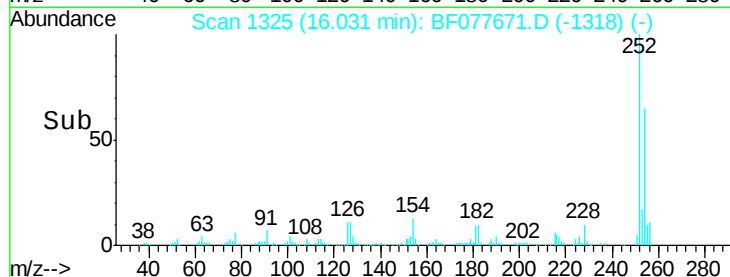
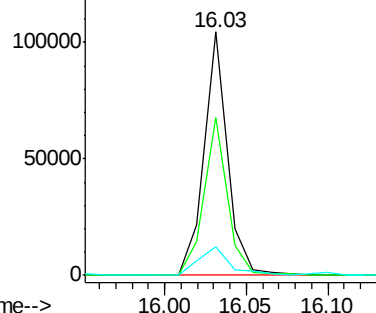
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	52.9	79.3
126	11.8	7.3	10.9

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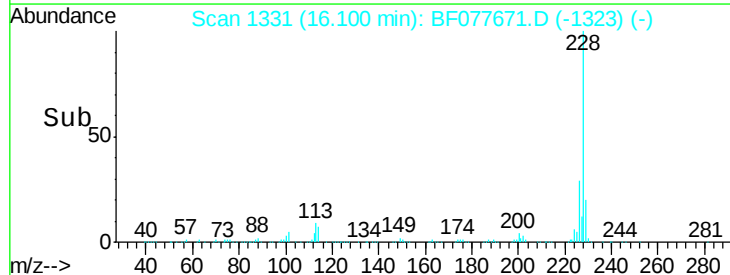
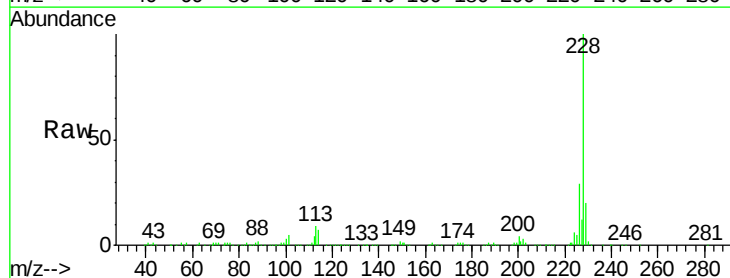
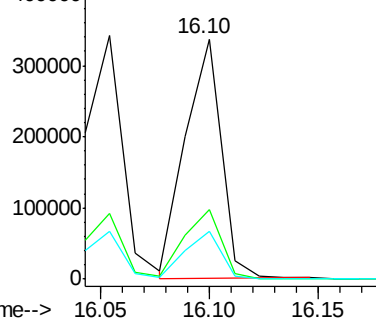
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

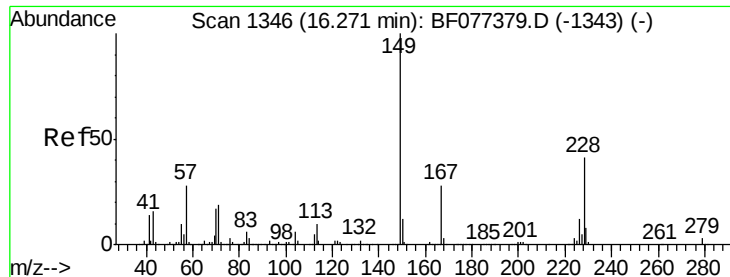


#82
 Chrysene
 Concen: 32.07 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.9	24.9	37.3
229	19.9	16.4	24.6

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





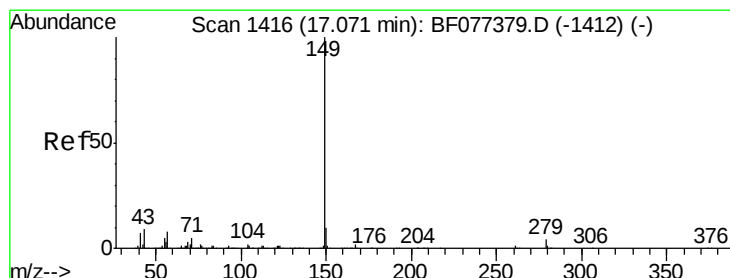
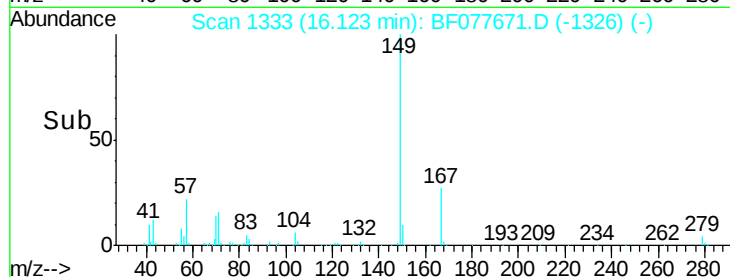
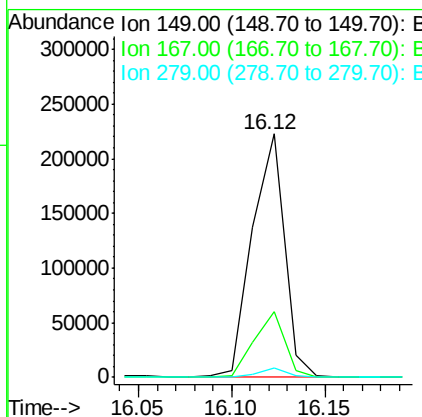
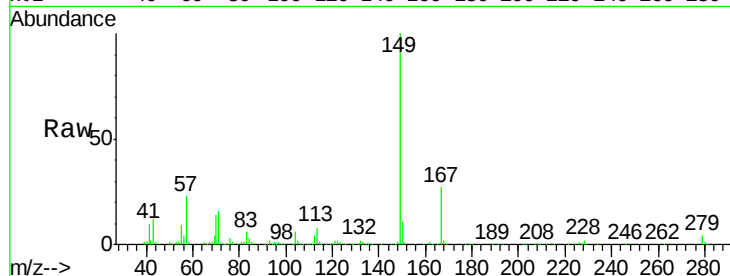
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.18 ng
RT: 16.12 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	266283		
167	27.1		22.8	34.2
279	3.8		3.8	5.6

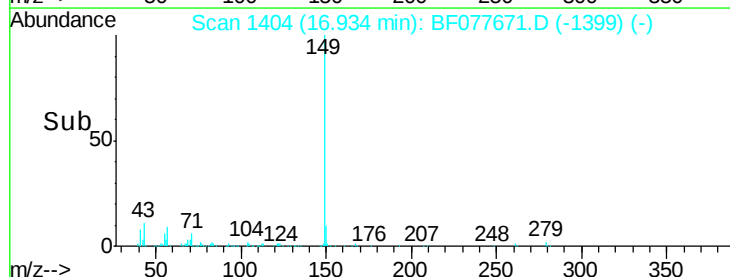
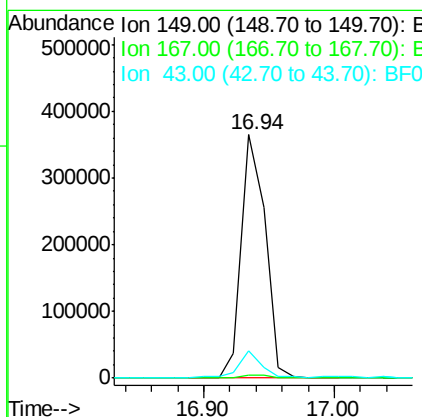
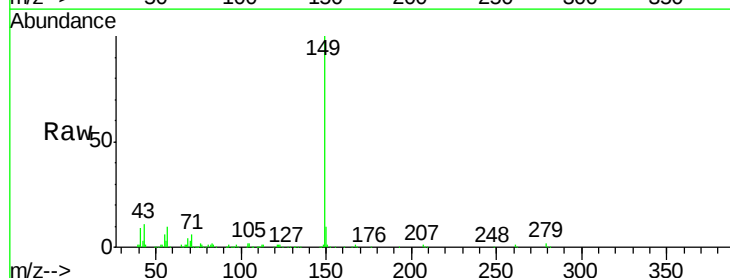
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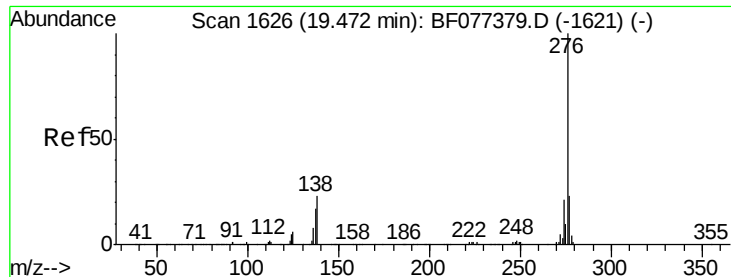
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#84
Di-n-octyl phthalate
Concen: 31.67 ng
RT: 16.94 min Scan# 1404
Delta R.T. -0.04 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	466439		
167	1.5		1.3	1.9
43	9.3		8.1	12.1





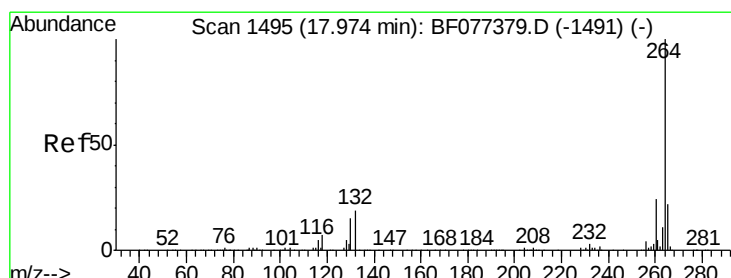
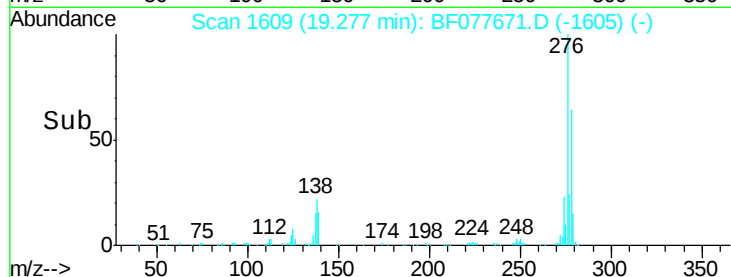
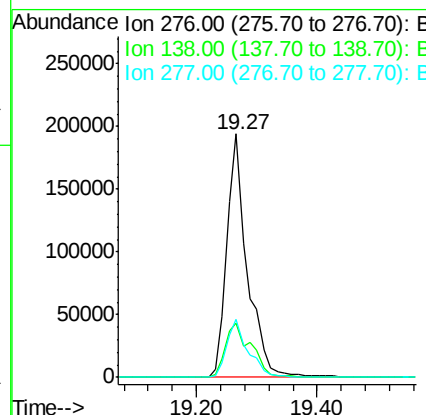
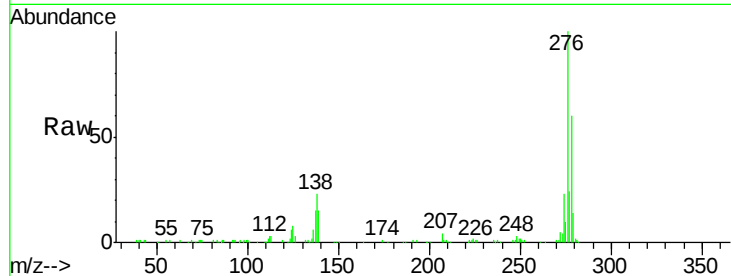
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.07 ng/mL
RT: 19.28 min Scan# 1609
Delta R.T. -0.06 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.2	31.8
277	22.9	20.0	30.0

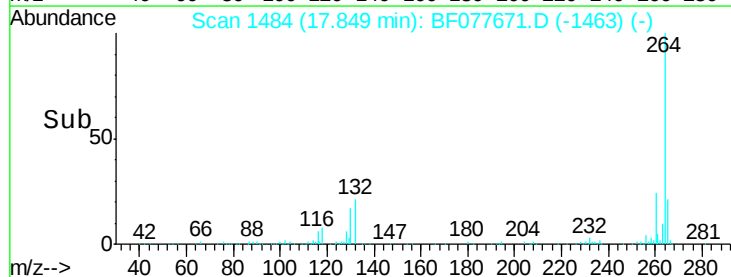
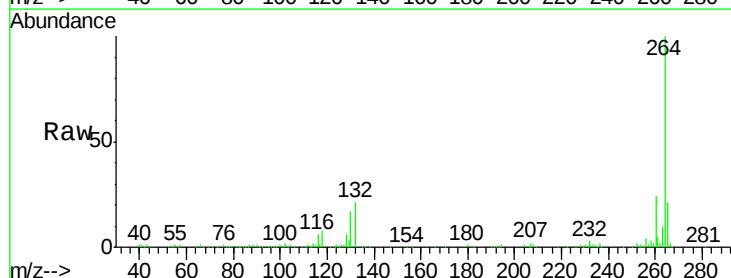
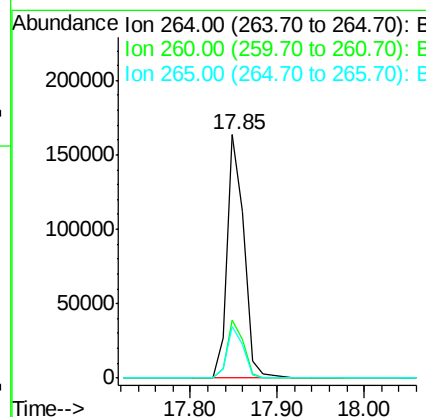
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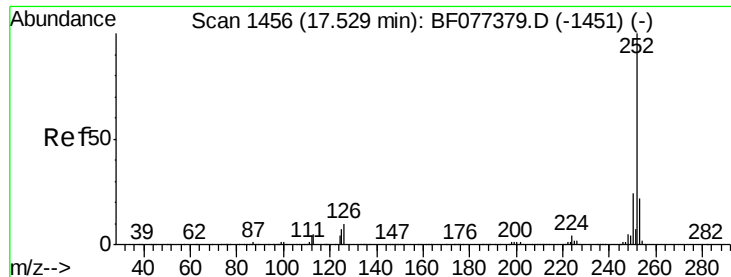
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1484
Delta R.T. -0.05 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.2	16.8	25.2





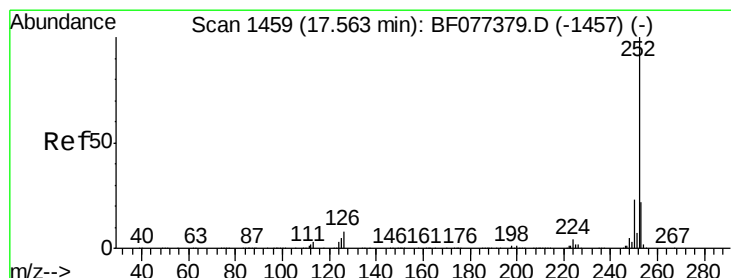
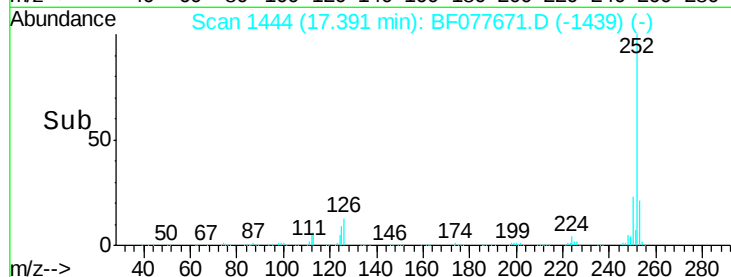
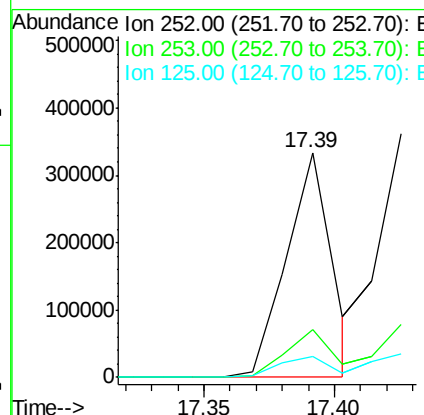
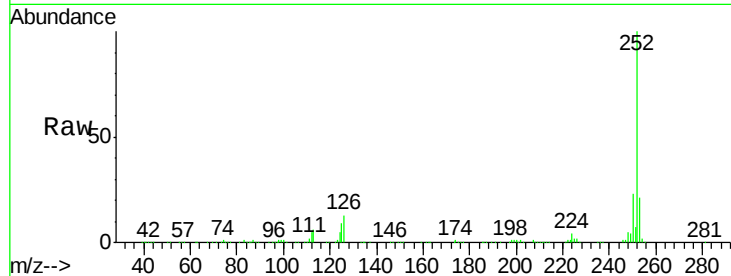
#87
Benzo(b)fluoranthene
Concen: 31.26 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.05 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.5	5.4	8.2#

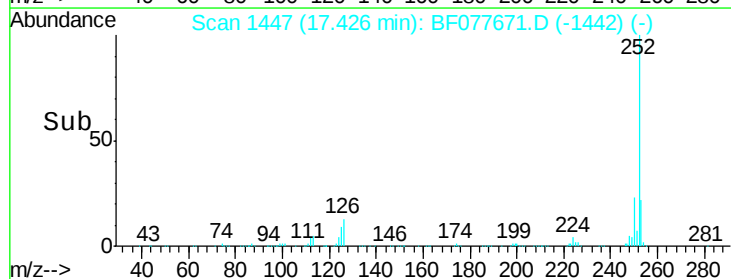
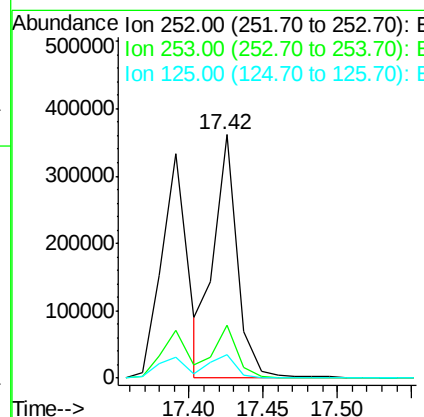
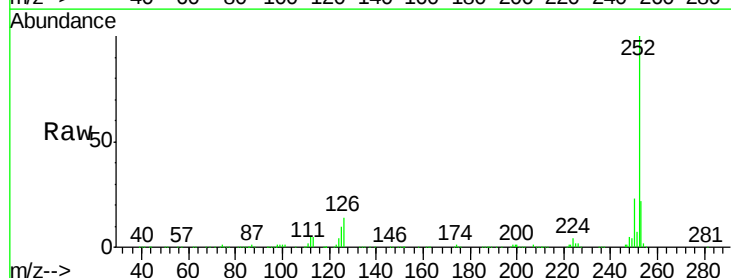
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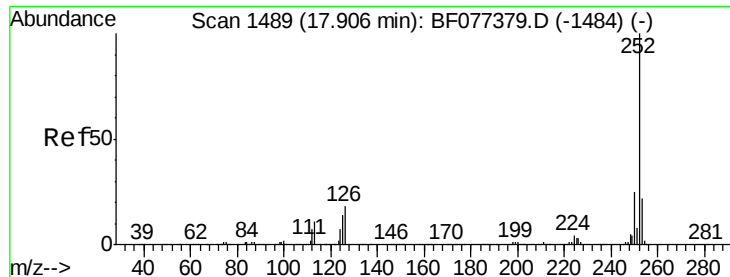
mohammad
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#88
Benzo(k)fluoranthene
Concen: 32.60 ng m
RT: 17.43 min Scan# 1447
Delta R.T. -0.04 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	9.6	10.1	15.1#





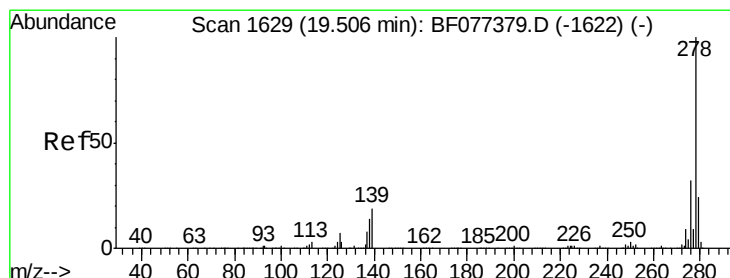
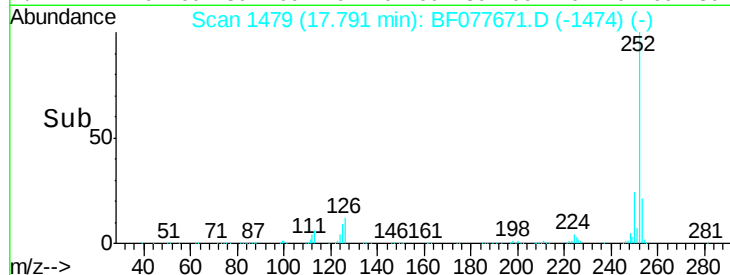
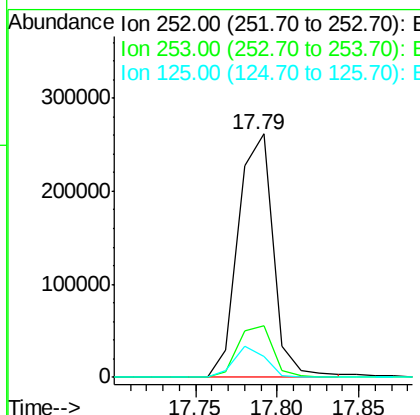
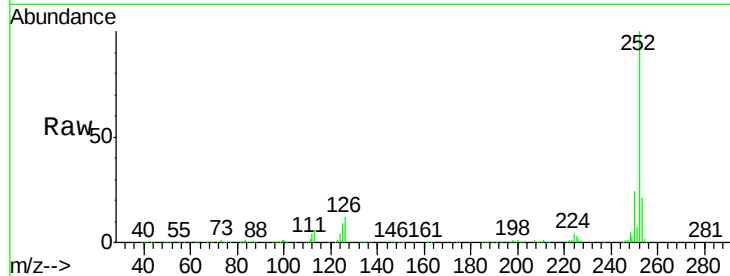
#89
Benzo(a)pyrene
Concen: 31.83 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	18.2	27.2
125	8.8	8.3	12.5

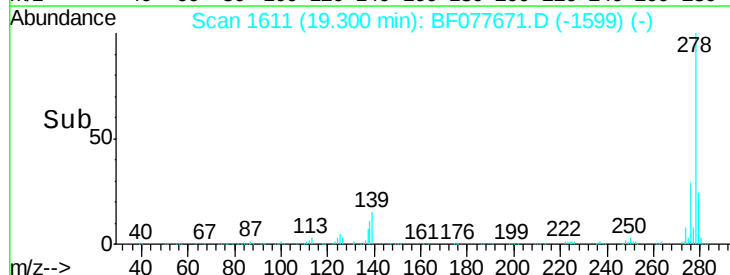
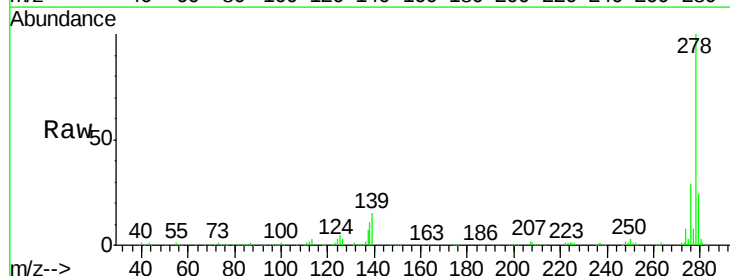
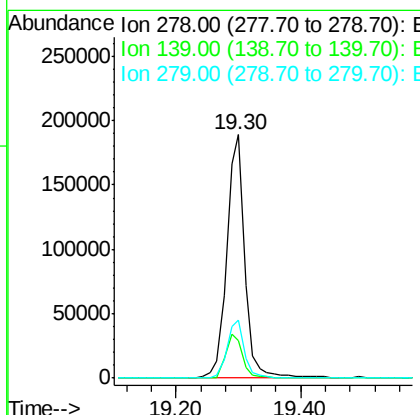
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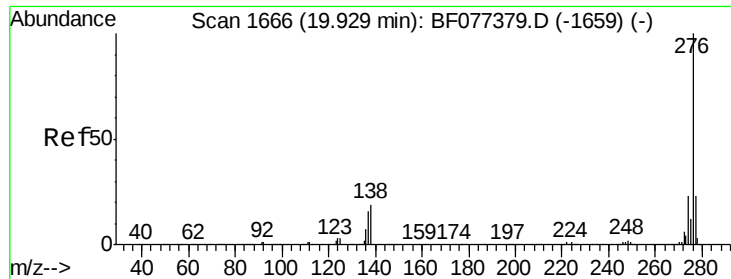
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#90
Dibenzo(a,h)anthracene
Concen: 32.71 ng
RT: 19.30 min Scan# 1611
Delta R.T. -0.06 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.4	14.3	21.5
279	23.6	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 32.84 ng
 RT: 19.68 min Scan# 1644
 Delta R.T. -0.07 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tot Ion:	276	Resp:	386140
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.9	28.3
138	24.7	20.5	30.7

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