

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077599.D
 Acq On : 5 Mar 2015 2:07
 Operator : TP/IZ
 Sample : G1416-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Manual Integrations
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mohammad
 3/5/2015 12:48:04 PM

Quant Time: Mar 05 05:11:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	57427	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	236431	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	118650	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	229814	20.00	ng	0.00
75) Chrysene-d12	16.09	240	247222	20.00	ng	-0.01
86) Perylene-d12	17.77	264	243679	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	370815	107.80	ng	0.00
7) Phenol-d6	6.78	99	479443	108.40	ng	0.00
23) Nitrobenzene-d5	7.91	82	281747	74.10	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	122597	107.31	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	553354	72.72	ng	0.00
78) Terphenyl-d14	14.80	244	648636	61.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	40715	27.89	ng	92
3) Pyridine	2.91	79	82836	19.84	ng	96
4) n-Nitrosodimethylamine	2.79	42	61164	33.69	ng	98
6) Aniline	6.81	93	112092	18.34	ng	# 68
8) 2-Chlorophenol	6.95	128	131845	32.49	ng	88
9) Benzaldehyde	6.67	77	22390	8.34	ng	99
10) Phenol	6.80	94	173098	32.99	ng	88
11) bis(2-Chloroethyl)ether	6.91	93	125505	33.28	ng	91
12) 1,3-Dichlorobenzene	7.14	146	137058	31.02	ng	98
13) 1,4-Dichlorobenzene	7.24	146	143549	31.93	ng	97
14) 1,2-Dichlorobenzene	7.43	146	138346	32.35	ng	99
15) Benzyl Alcohol	7.40	79	110714	32.93	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.58	45	173518	32.19	ng	98
17) 2-Methylphenol	7.55	107	107938	34.03	ng	99
18) Hexachloroethane	7.84	117	48757	32.47	ng	98
19) n-Nitroso-di-n-propylamine	7.74	70	90006	32.05	ng	97
20) 3+4-Methylphenols	7.74	107	137796	32.99	ng	# 76
22) Acetophenone	7.73	105	183172	32.94	ng	# 86
24) Nitrobenzene	7.94	77	133758	33.44	ng	96
25) Isophorone	8.23	82	248918	33.00	ng	97
26) 2-Nitrophenol	8.33	139	61437	37.47	ng	98
27) 2,4-Dimethylphenol	8.39	122	121024	32.99	ng	98
28) bis(2-Chloroethoxy)methane	8.52	93	149549	31.38	ng	98
29) 2,4-Dichlorophenol	8.63	162	112690	32.73	ng	91
30) 1,2,4-Trichlorobenzene	8.73	180	115404	30.49	ng	98
31) Naphthalene	8.82	128	371107	31.39	ng	100
32) Benzoic acid	8.48	122	34117	19.14	ng	100
33) 4-Chloroaniline	8.90	127	110933	21.10	ng	# 95
34) Hexachlorobutadiene	8.98	225	65535	30.32	ng	99
35) Caprolactam	9.31	113	29058	27.64	ng	98
36) 4-Chloro-3-methylphenol	9.51	107	117690	34.00	ng	99
37) 2-Methylnaphthalene	9.68	142	262711	31.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	112581	33.07	ng	# 98
40) Hexachlorocyclopentadiene	9.87	237	100552	55.08	ng	96

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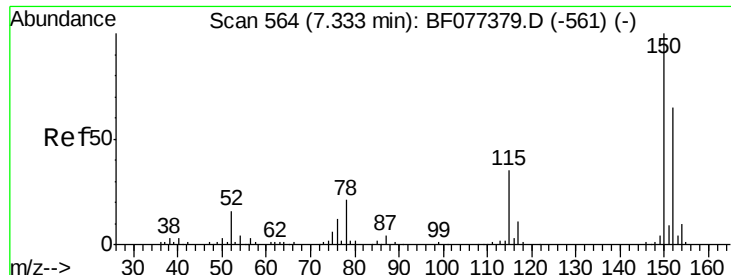
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 3/5/2015 12:48:04 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.03	196	75587	33.53	ng	99
43) 2,4,5-Trichlorophenol	10.08	196	81367	33.75	ng #	89
45) 1,1'-Biphenyl	10.26	154	301910	33.59	ng	100
46) 2-Chloronaphthalene	10.28	162	246431	34.95	ng	99
47) 2-Nitroaniline	10.41	65	65532	37.76	ng	93
48) Acenaphthylene	10.79	152	403420	36.15	ng	100
49) Dimethylphthalate	10.65	163	298475	35.79	ng	100
50) 2,6-Dinitrotoluene	10.72	165	61397	36.71	ng #	89
51) Acenaphthene	11.01	154	225037	33.79	ng	99
52) 3-Nitroaniline	10.92	138	60804	31.53	ng	97
53) 2,4-Dinitrophenol	11.06	184	31550	61.99	ng #	79
54) Dibenzofuran	11.23	168	353689	34.40	ng	95
55) 4-Nitrophenol	11.14	139	109492	70.59	ng #	70
56) 2,4-Dinitrotoluene	11.22	165	81945	36.26	ng #	80
57) Fluorene	11.65	166	286719	34.88	ng	97
58) 2,3,4,6-Tetrachlorophenol	11.38	232	67512	34.83	ng	95
59) Diethylphthalate	11.53	149	281559	34.24	ng	99
60) 4-Chlorophenyl-phenylether	11.66	204	127915	32.29	ng	96
61) 4-Nitroaniline	11.68	138	68811	37.23	ng	96
62) Azobenzene	11.86	77	291159	37.32	ng	91
64) 4,6-Dinitro-2-methylphenol	11.72	198	25150	29.02	ng	88
65) n-Nitrosodiphenylamine	11.81	169	243172	31.89	ng	100
66) 4-Bromophenyl-phenylether	12.27	248	78335	29.11	ng #	88
67) Hexachlorobenzene	12.32	284	83937	29.06	ng #	79
68) Atrazine	12.48	200	77059	31.08	ng	100
69) Pentachlorophenol	12.57	266	88668	58.41	ng	97
70) Phenanthrene	12.84	178	428866	32.20	ng	100
71) Anthracene	12.90	178	406158	30.73	ng	99
72) Carbazole	13.11	167	404342	32.17	ng	99
73) Di-n-butylphthalate	13.56	149	451503	30.59	ng	99
74) Fluoranthene	14.31	202	465954	32.02	ng	98
76) Benzidine	14.50	184	190769	22.84	ng	99
77) Pyrene	14.59	202	466408	30.84	ng	99
79) Butylbenzylphthalate	15.42	149	201316	32.36	ng	95
80) Benzo(a)anthracene	16.08	228	446333	30.80	ng	100
81) 3,3'-Dichlorobenzidine	16.06	252	140778	26.52	ng	97
82) Chrysene	16.12	228	426140	31.32	ng	99
83) Bis(2-ethylhexyl)phthalate	16.14	149	291233	29.19	ng	98
84) Di-n-octyl phthalate	16.91	149	492787	29.58	ng	98
85) Indeno(1,2,3-cd)pyrene	19.19	276	504079m	32.49	ng	
87) Benzo(b)fluoranthene	17.34	252	484485	34.19	ng	100
88) Benzo(k)fluoranthene	17.37	252	394382m	28.40	ng	
89) Benzo(a)pyrene	17.70	252	427771	31.70	ng #	97
90) Dibenzo(a,h)anthracene	19.22	278	417714	32.45	ng #	96
91) Benzo(g,h,i)perylene	19.60	276	422345	32.51	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

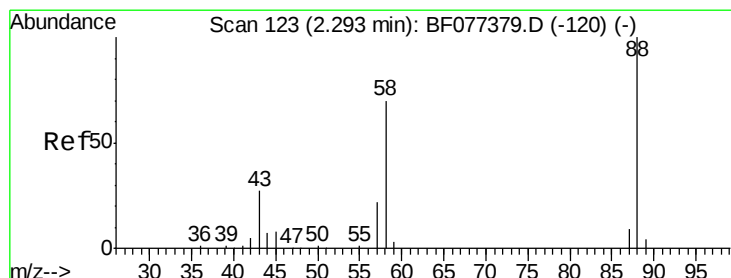
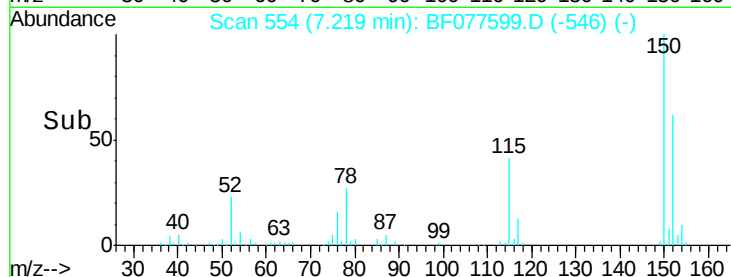
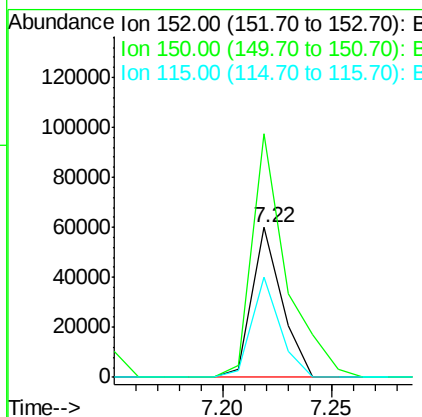
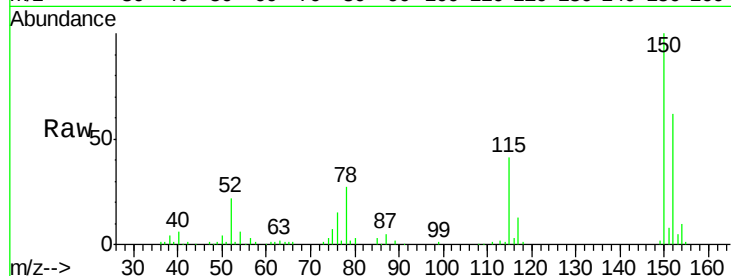
ClientSampleId :

FK-PS-01-013MS

Tgt Ion:	152	Resp:	57427
Ion Ratio	Lower	Upper	
152	100		
150	162.2	124.0	186.0
115	66.4	49.4	74.2

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#2

1,4-Dioxane

Concen: 27.89 ng

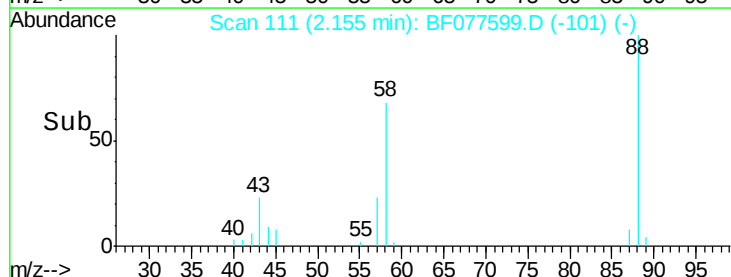
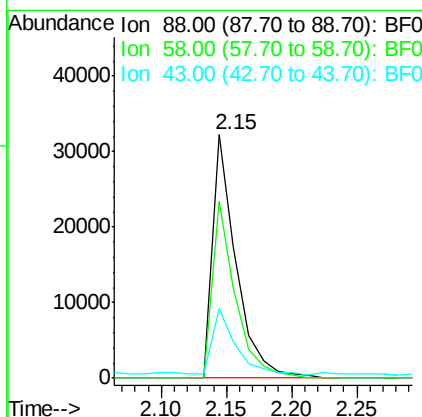
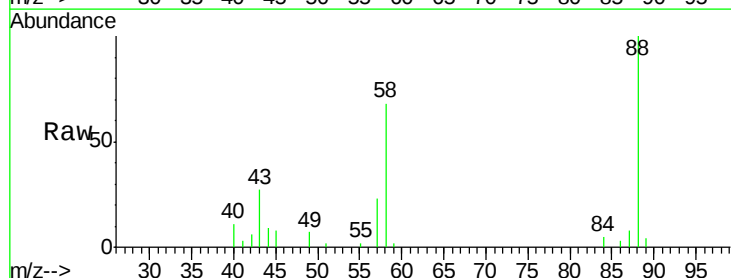
RT: 2.15 min Scan# 111

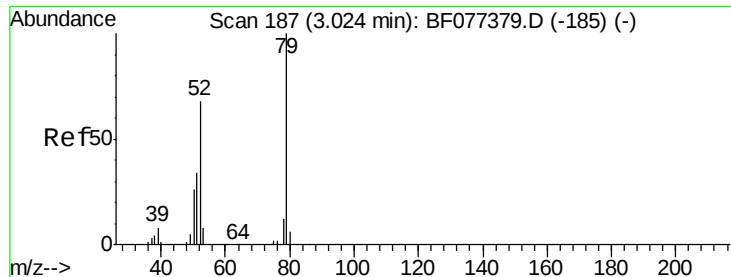
Delta R.T. 0.01 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion:	88	Resp:	40715
Ion Ratio	Lower	Upper	
88	100		
58	70.1	62.1	93.1
43	26.4	24.0	36.0





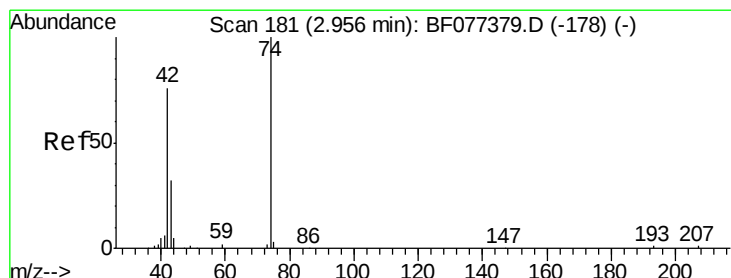
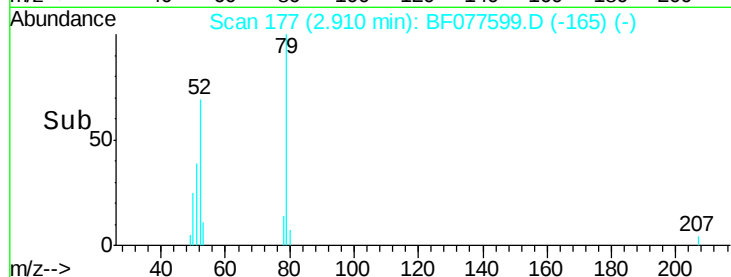
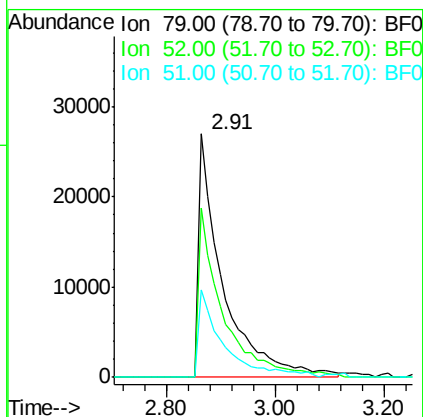
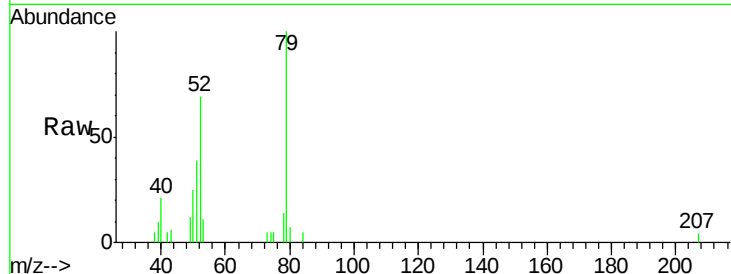
#3
 Pyridine
 Concen: 19.84 ng
 RT: 2.91 min Scan# 177
 Delta R.T. 0.04 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.5	57.7	86.5
51	39.0	28.5	42.7

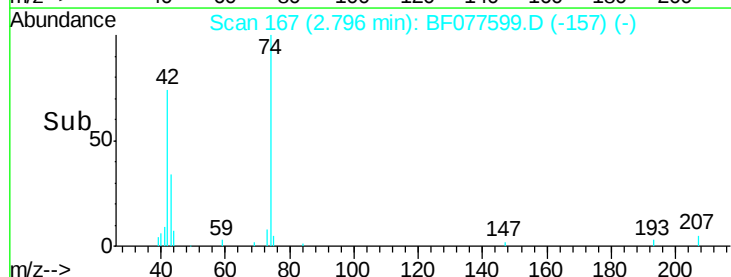
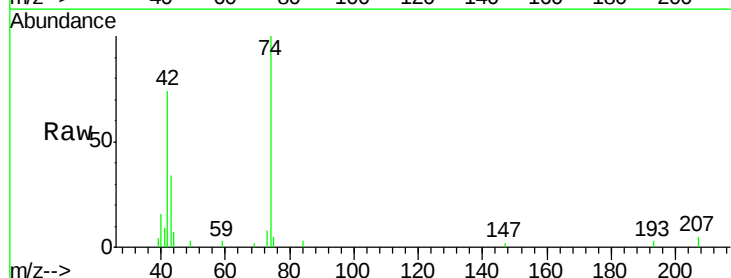
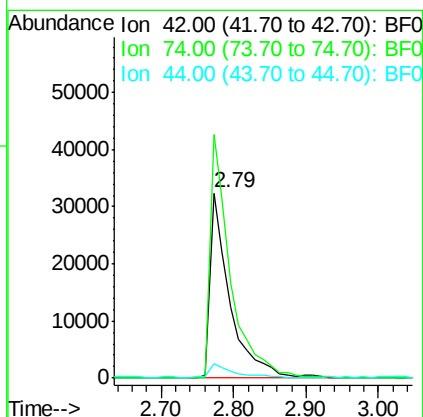
Manual Integrations
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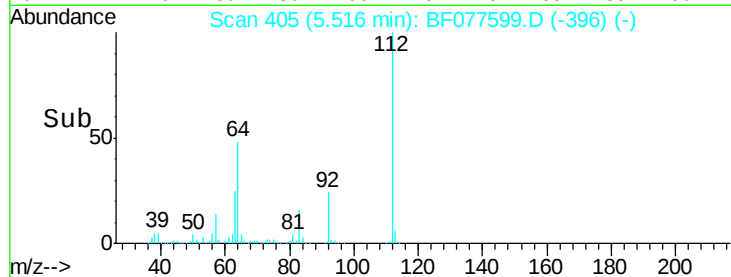
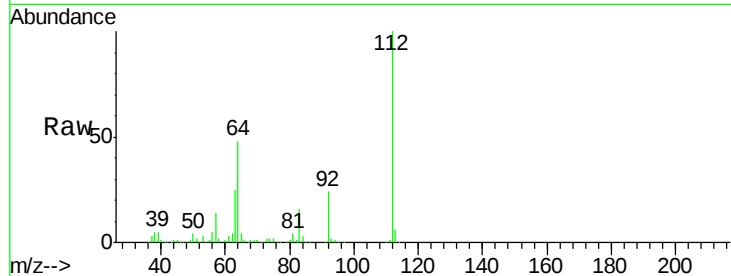
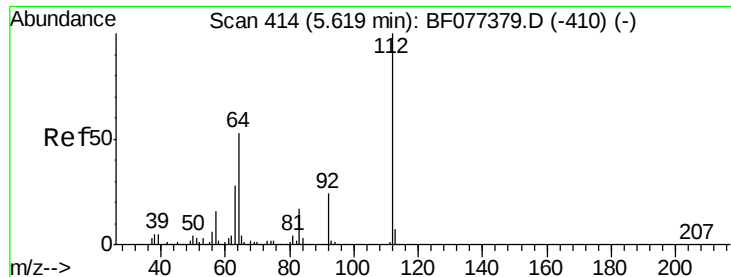
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#4
 n-Nitrosodimethylamine
 Concen: 33.69 ng
 RT: 2.79 min Scan# 167
 Delta R.T. 0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.7	107.1	160.7
44	9.1	6.7	10.1





#5

2-Fluorophenol

Concen: 107.80 ng

RT: 5.51 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	370815		
64	48.5	48.5	72.7#	
63	25.2	25.0	37.4	

Instrument :

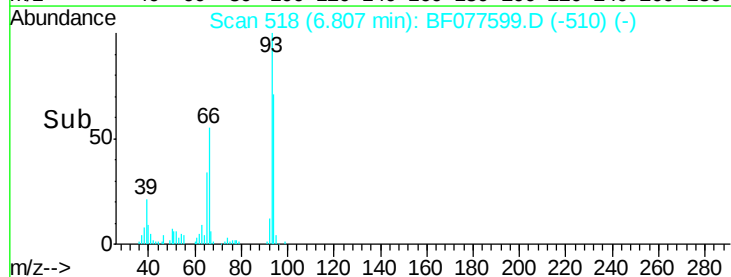
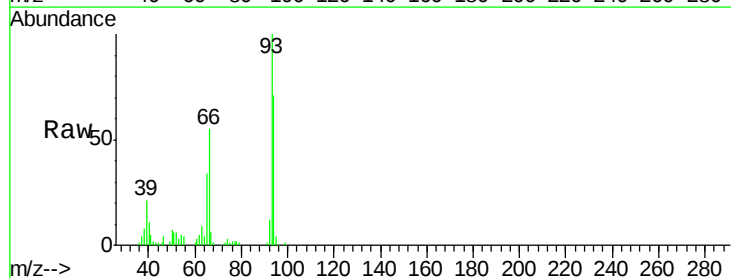
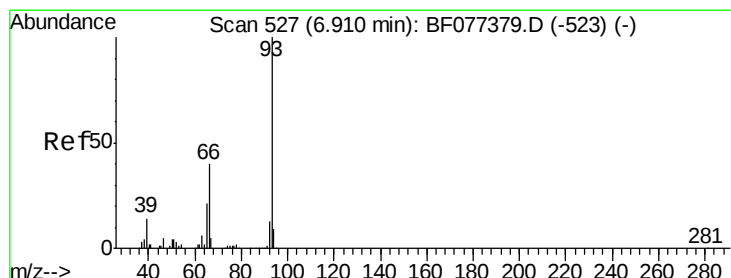
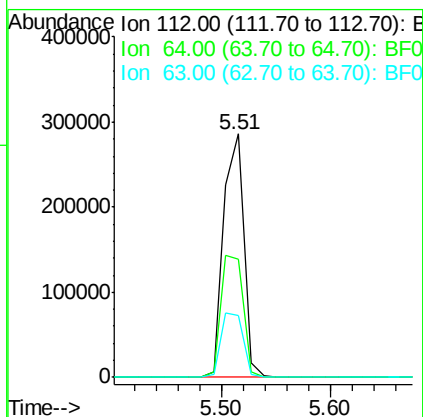
BNA_F

ClientSampleId :

FK-PS-01-013MS

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#6

Aniline

Concen: 18.34 ng

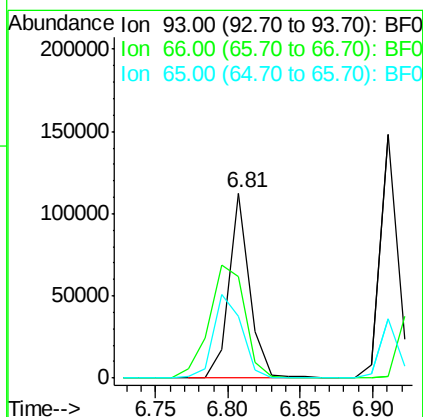
RT: 6.81 min Scan# 518

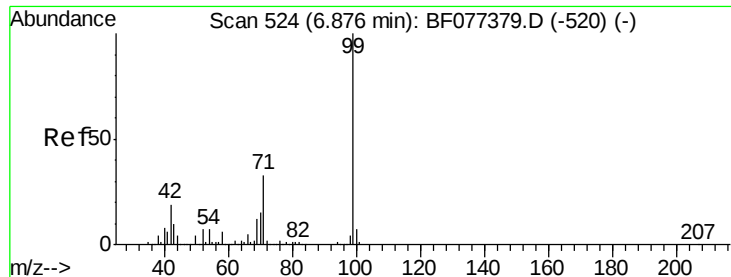
Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	112092		
66	54.8	29.1	43.7#	
65	33.6	14.6	22.0#	





#7

Phenol-d6

Concen: 108.40 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

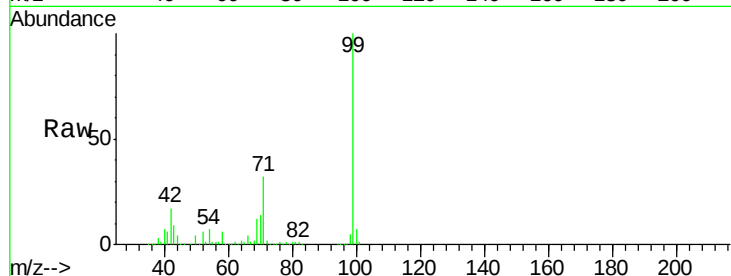
ClientSampleId :

FK-PS-01-013MS

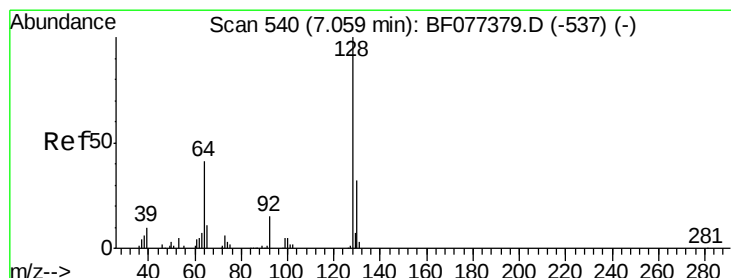
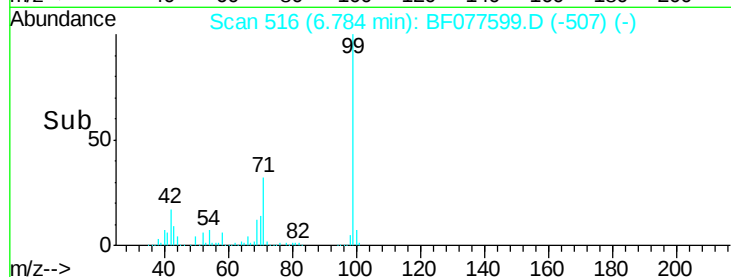
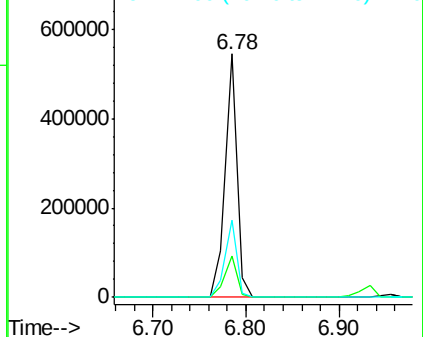
Tgt Ion:	99	Resp:	479443
Ion Ratio	Lower	Upper	
99	100		
42	17.2	16.2	24.4
71	31.9	26.7	40.1

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.49 ng

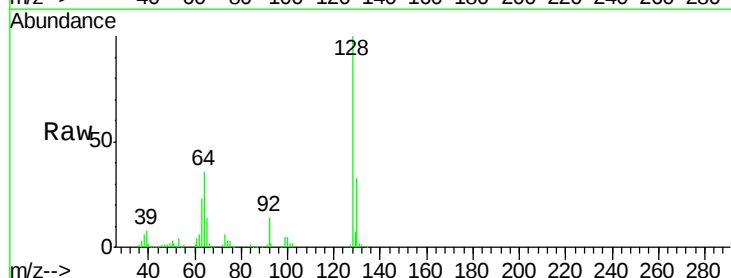
RT: 6.95 min Scan# 531

Delta R.T. -0.00 min

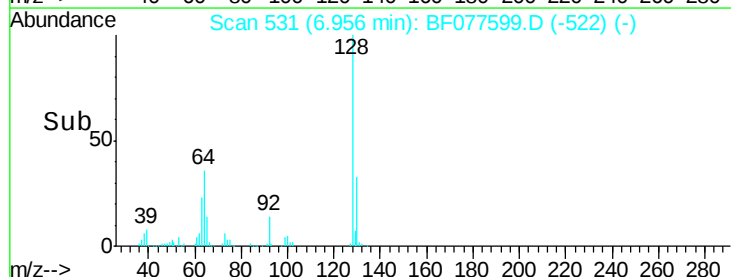
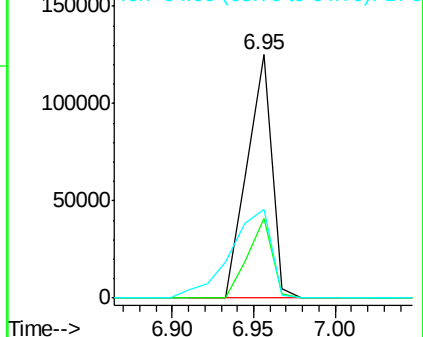
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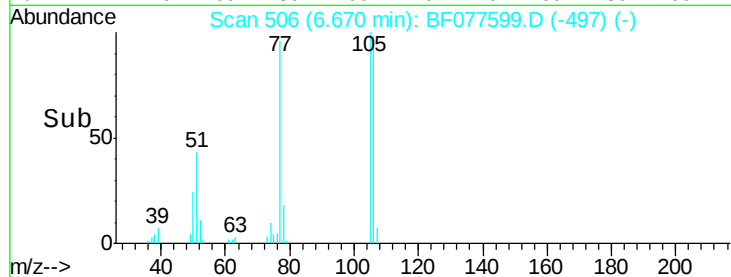
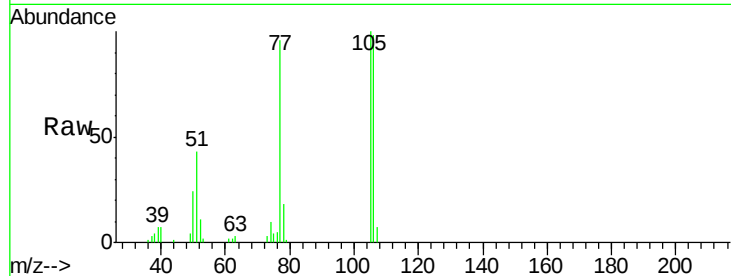
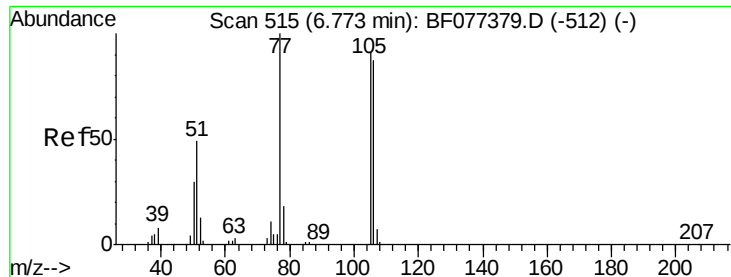
Acq: 5 Mar 2015 2:07

Tgt Ion:	128	Resp:	131845
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.0	52.0
64	36.2	29.2	69.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.34 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion:	77	Resp:	22390
Ion Ratio	Lower	Upper	
77	100		
105	104.5	85.9	125.9
106	102.9	82.9	122.9

Instrument :

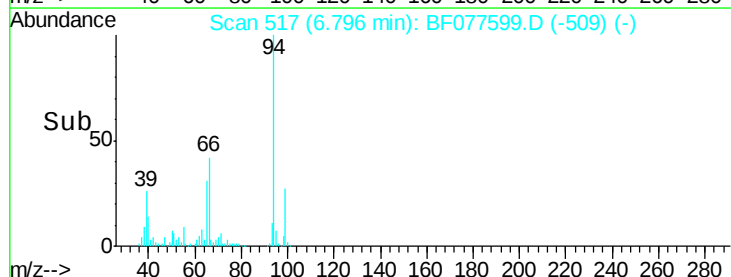
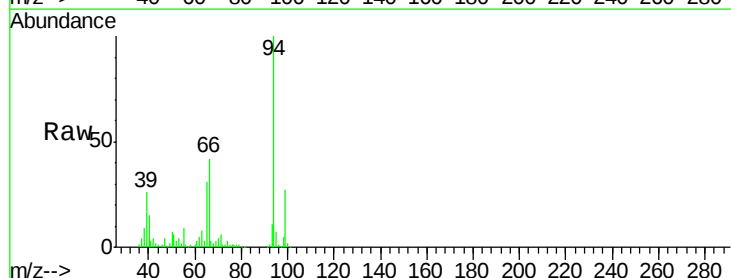
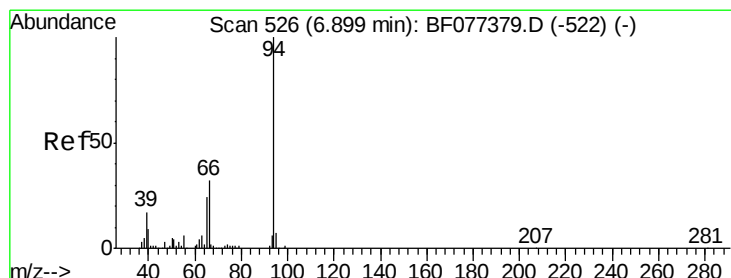
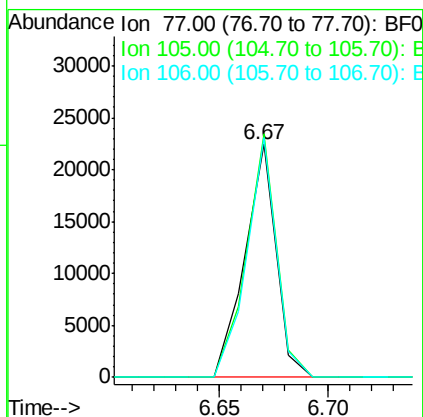
BNA_F

ClientSampleId :

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Manual Integrations
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#10

Phenol

Concen: 32.99 ng

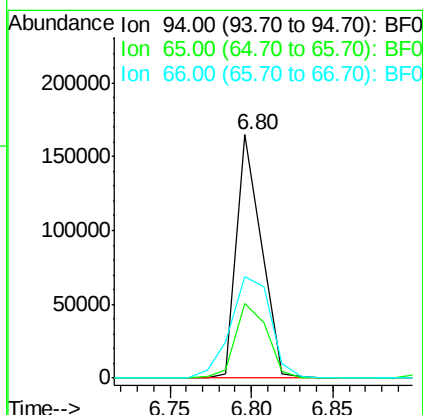
RT: 6.80 min Scan# 517

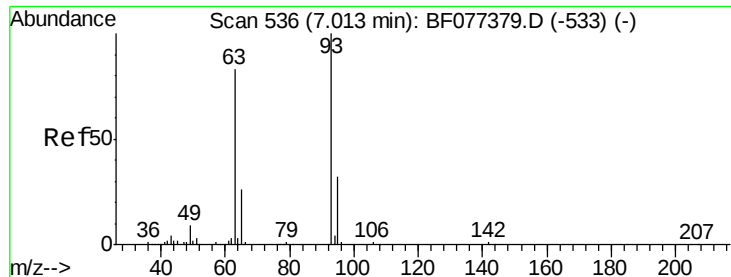
Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion:	94	Resp:	173098
Ion Ratio	Lower	Upper	
94	100		
65	30.8	5.7	45.7
66	41.7	13.6	53.6





#11

bis(2-Chloroethyl)ether

Concen: 33.28 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

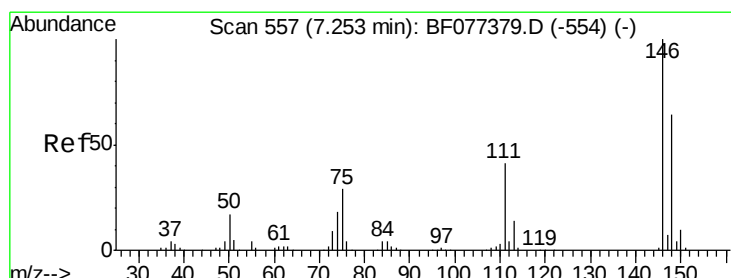
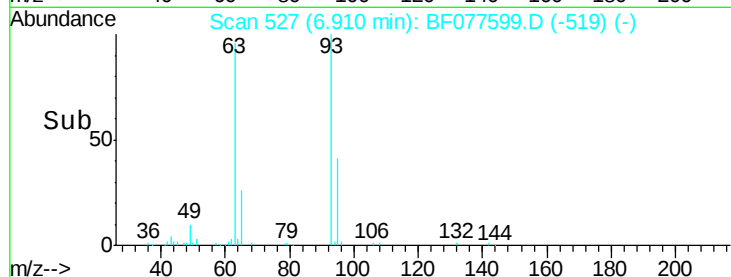
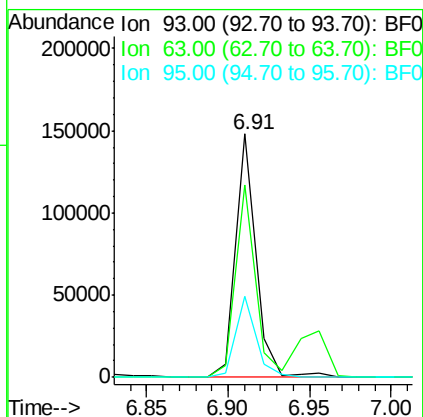
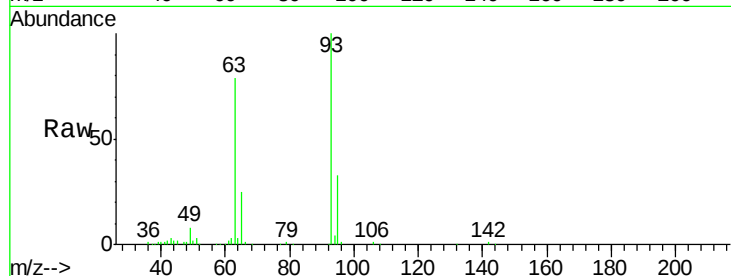
ClientSampleId :

FK-PS-01-013MS

Tgt Ion:	93	Resp:	125505
Ion	Ratio	Lower	Upper
93	100		
63	78.8	48.7	88.7
95	33.1	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 31.02 ng

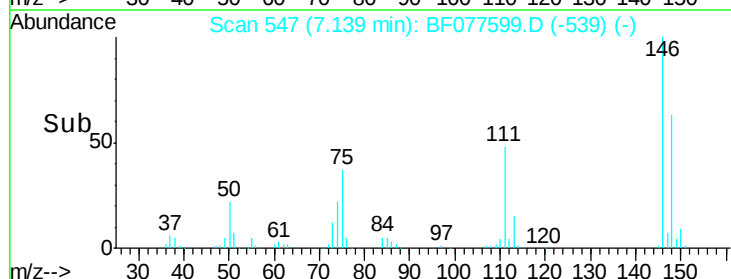
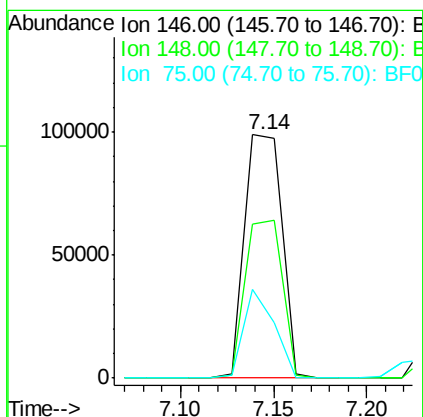
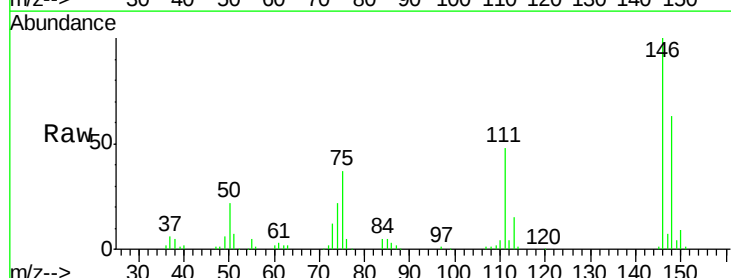
RT: 7.14 min Scan# 547

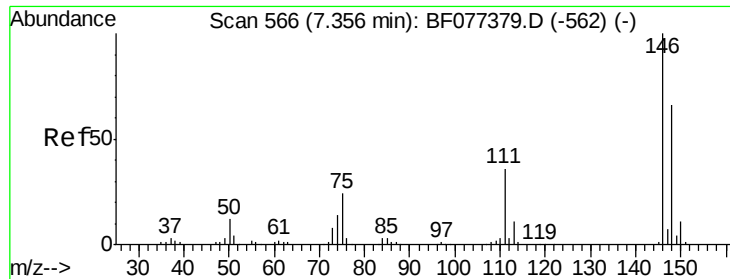
Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion:	146	Resp:	137058
Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.8	74.8
75	36.6	28.2	42.4





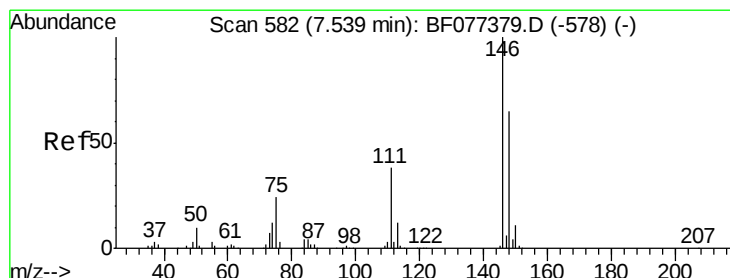
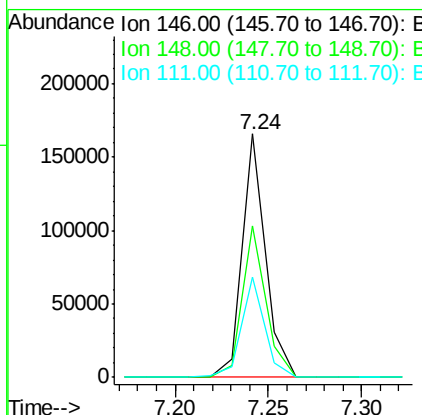
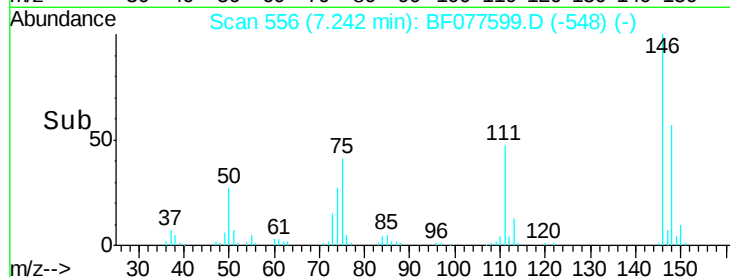
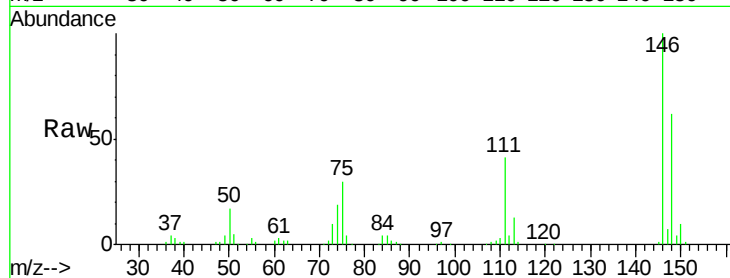
#13
 1,4-Dichlorobenzene
 Concen: 31.93 ng
 RT: 7.24 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143549		
148	62.2	52.0	78.0	
111	41.1	31.9	47.9	

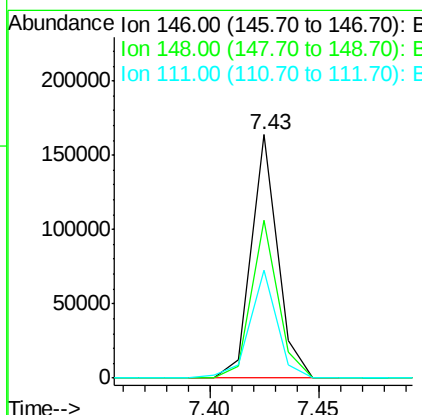
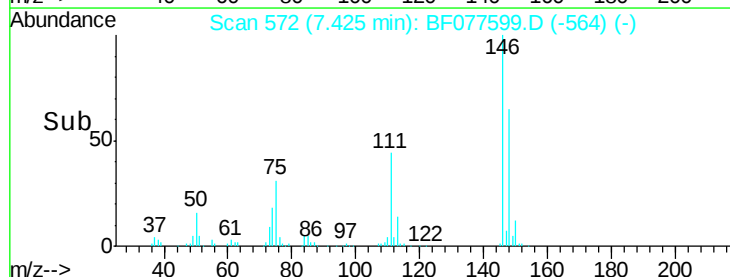
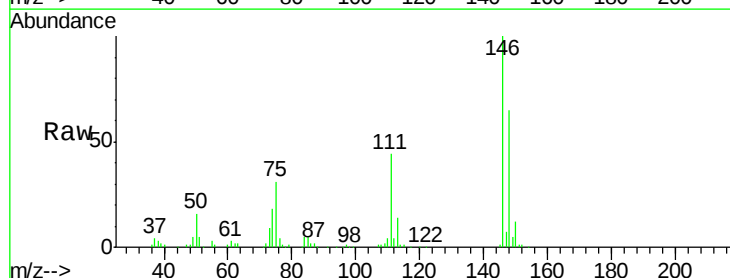
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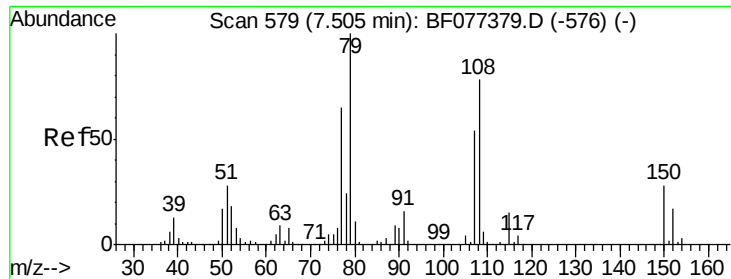
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#14
 1,2-Dichlorobenzene
 Concen: 32.35 ng
 RT: 7.43 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	138346		
148	64.7	51.6	77.4	
111	44.2	34.2	51.2	





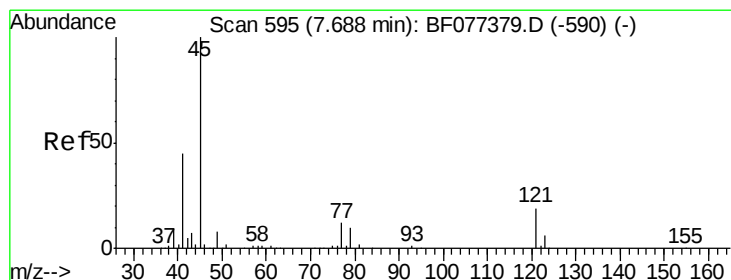
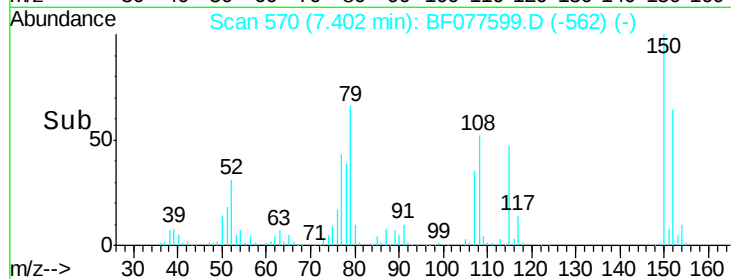
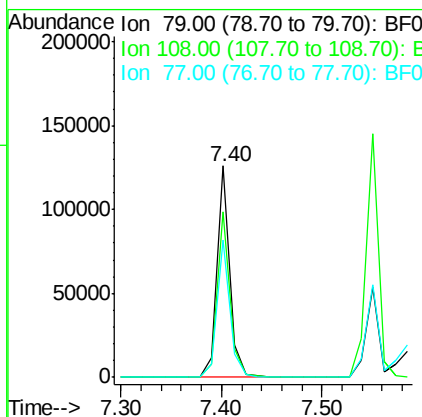
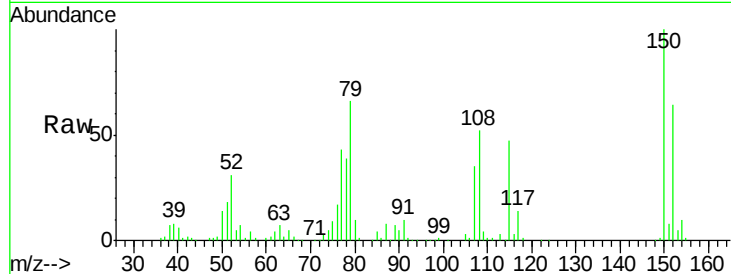
#15
Benzyl Alcohol
Concen: 32.93 ng
RT: 7.40 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.3	58.3	87.5
77	65.3	51.3	76.9

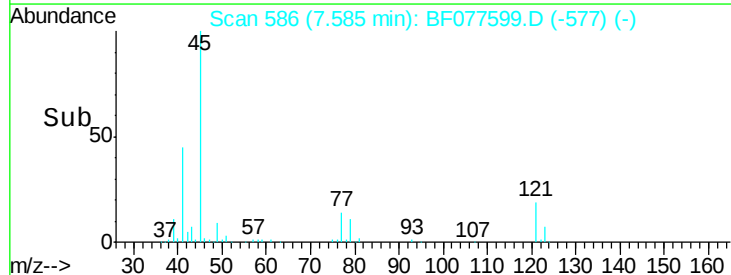
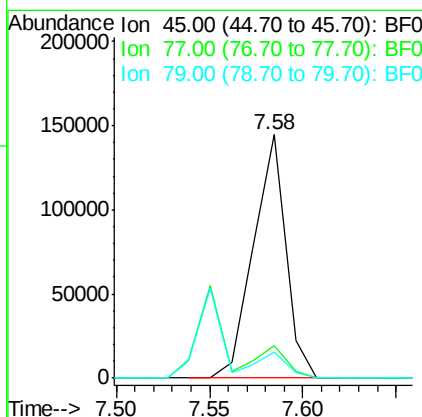
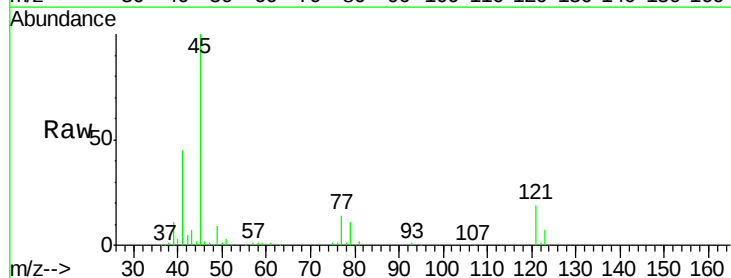
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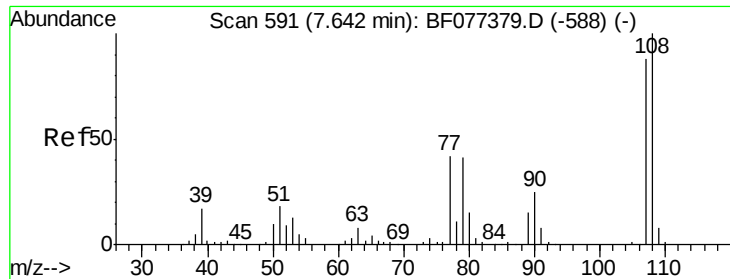
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.19 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	34.6
79	10.9	0.0	31.5





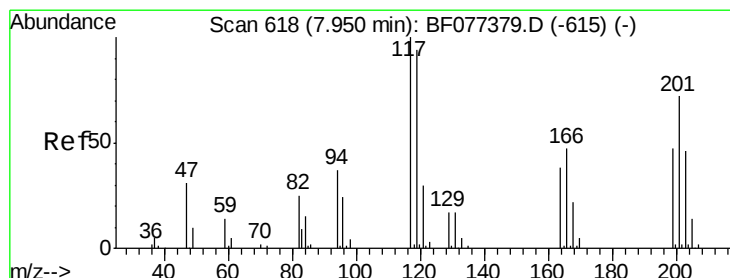
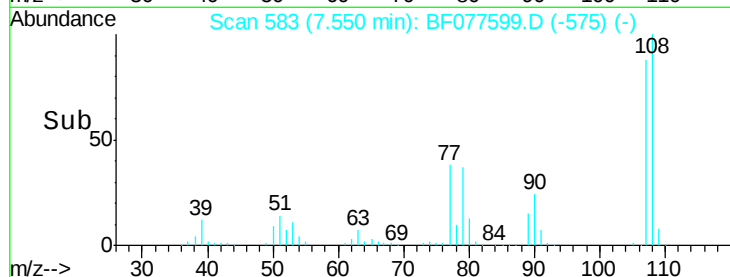
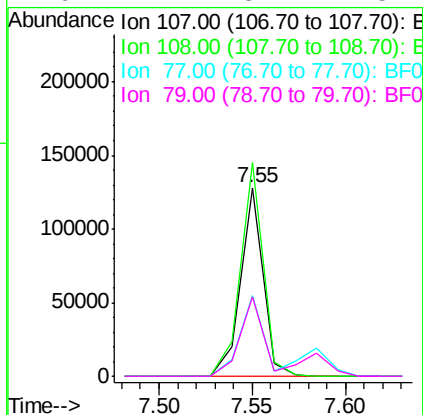
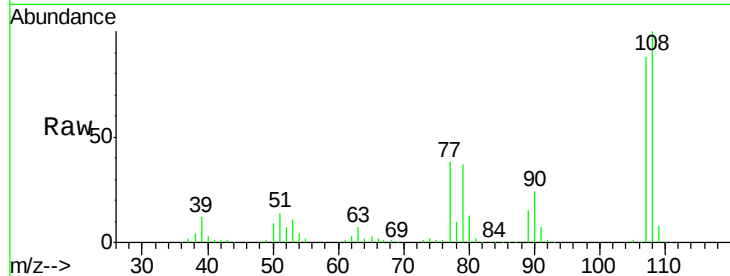
#17
2-Methylphenol
Concen: 34.03 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	107938		
108	113.1	91.2	136.8	
77	42.9	33.6	50.4	
79	41.7	32.1	48.1	

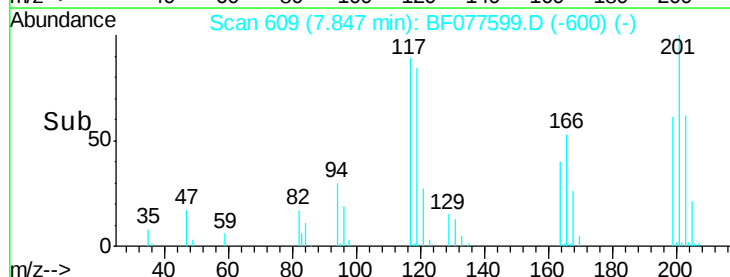
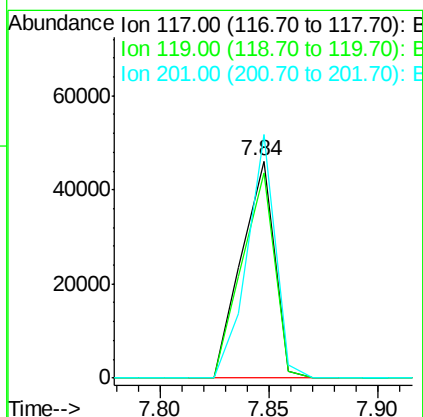
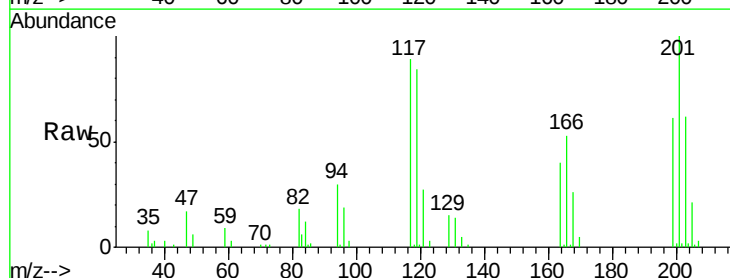
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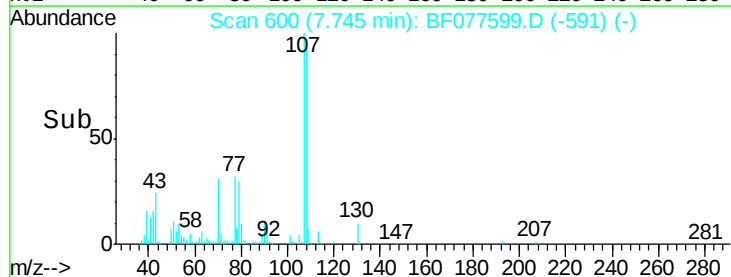
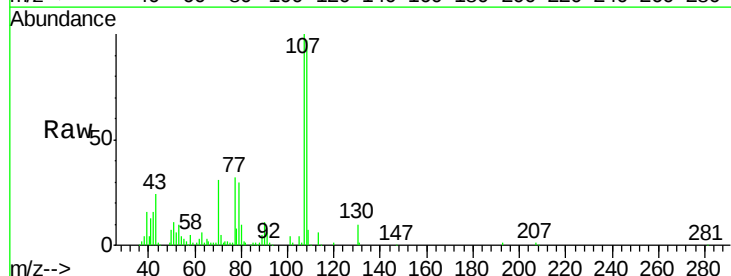
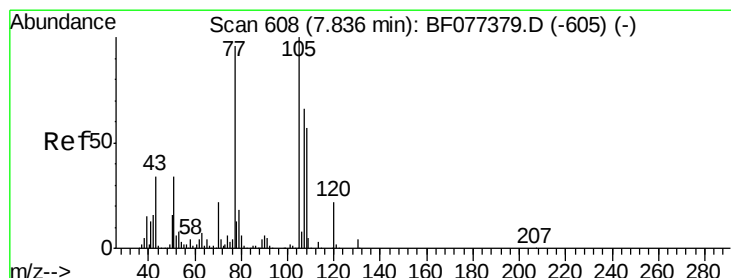
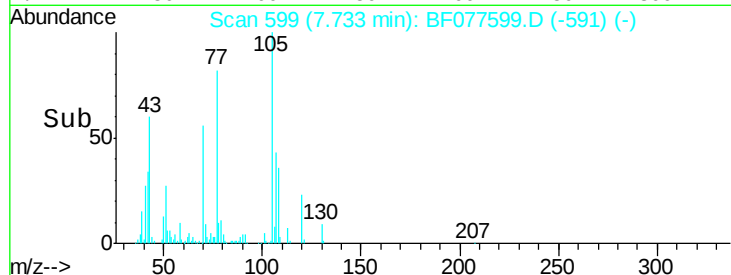
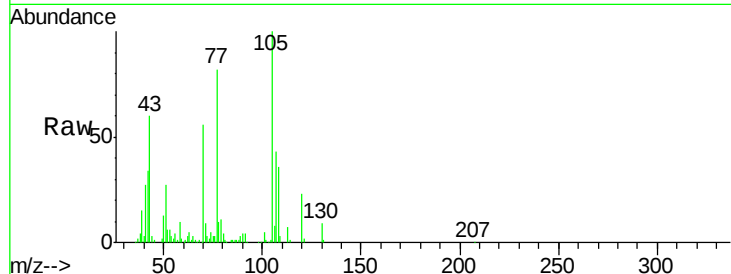
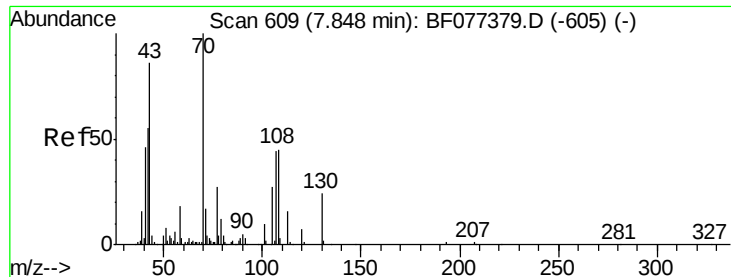
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#18
Hexachloroethane
Concen: 32.47 ng
RT: 7.84 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48757		
119	94.7	77.8	116.8	
201	112.2	90.6	136.0	





#19

n-Nitroso-di-n-propylamine

Concen: 32.05 ng

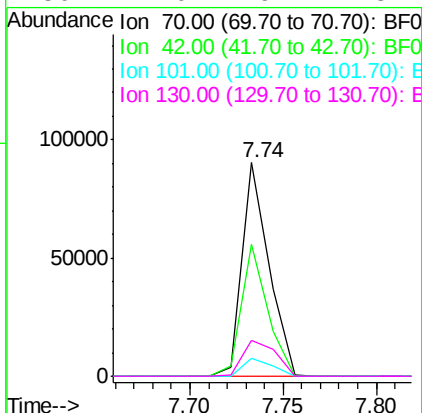
RT: 7.74 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.8	48.3	72.5	
101	8.3	7.5	11.3	
130	17.0	16.7	25.1	



Instrument :

BNA_F

ClientSampleId :

FK-PS-01-013MS

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#20

3+4-Methylphenols

Concen: 32.99 ng

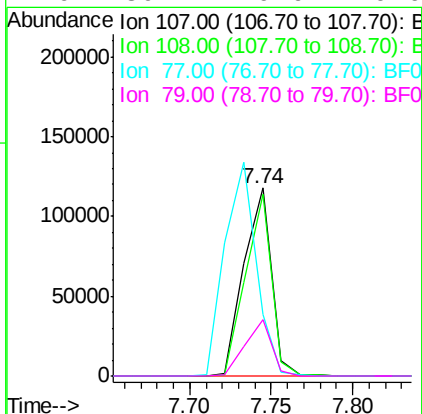
RT: 7.74 min Scan# 600

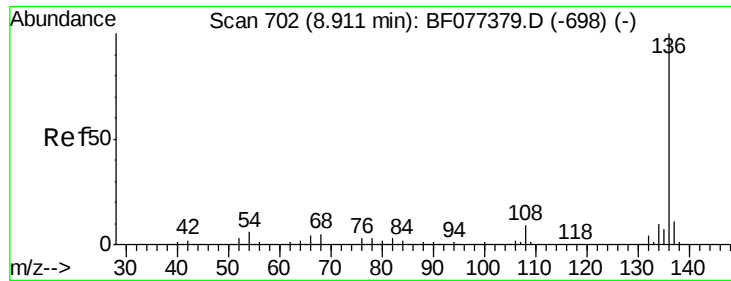
Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.8	76.8	116.8	
77	32.5	65.8	105.8	
79	30.1	9.6	49.6	





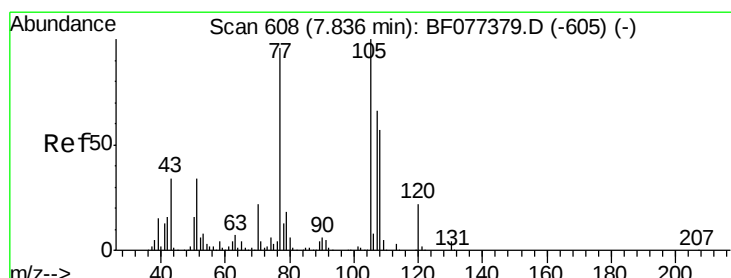
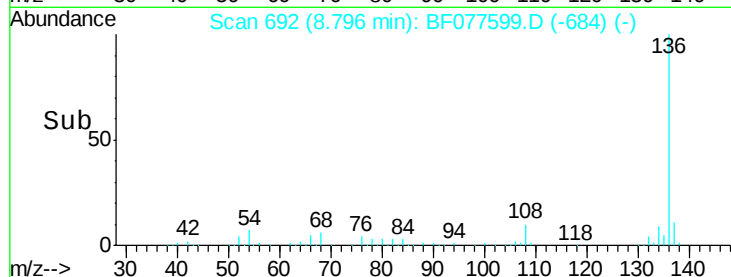
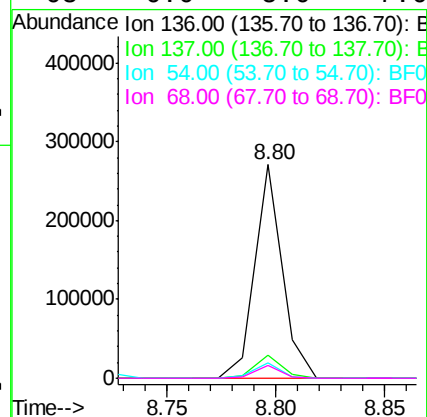
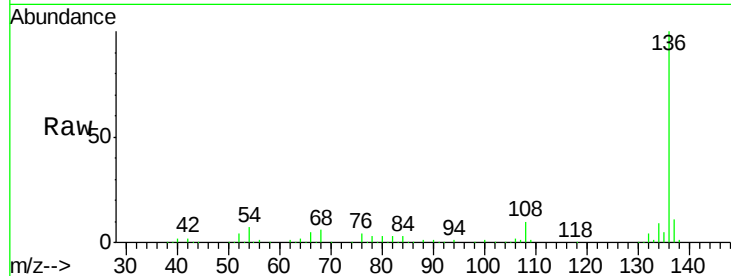
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	236431		
137	11.0	8.6	13.0	
54	7.5	6.2	9.4	
68	6.0	5.0	7.6	

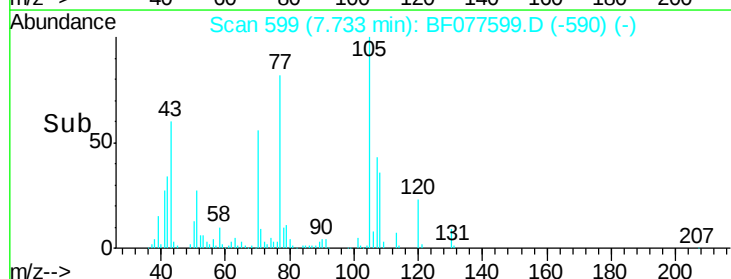
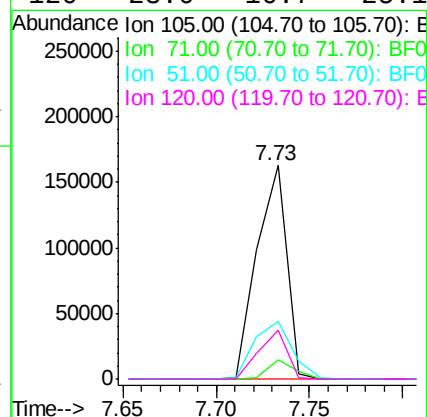
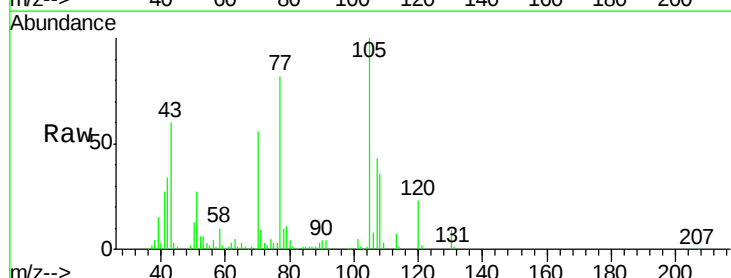
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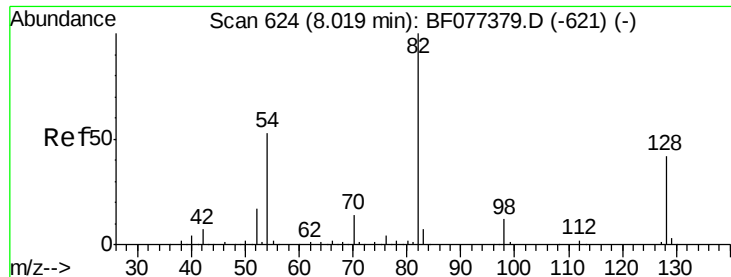
mohammad
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#22
Acetophenone
Concen: 32.94 ng
RT: 7.73 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183172		
71	9.0	1.7	2.5#	
51	26.8	30.7	46.1#	
120	23.0	16.7	25.1	





#23

Nitrobenzene-d5

Concen: 74.10 ng

RT: 7.91 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

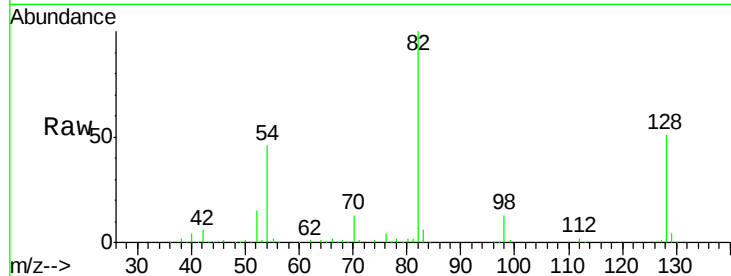
ClientSampleId :

FK-PS-01-013MS

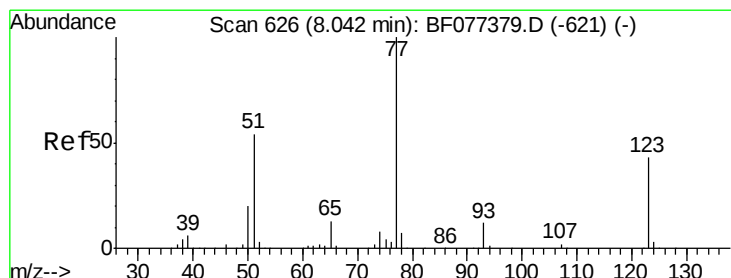
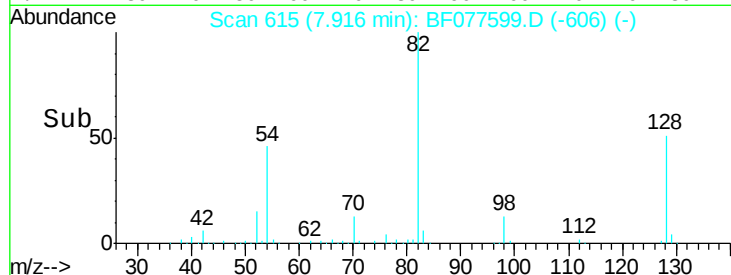
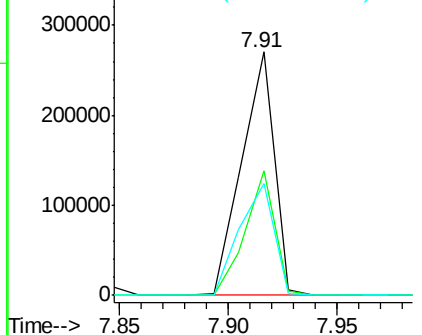
Tgt Ion:	82	Resp:	281747
Ion Ratio	Lower	Upper	
82	100		
128	51.3	43.8	65.8
54	46.1	36.7	55.1

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



#24

Nitrobenzene

Concen: 33.44 ng

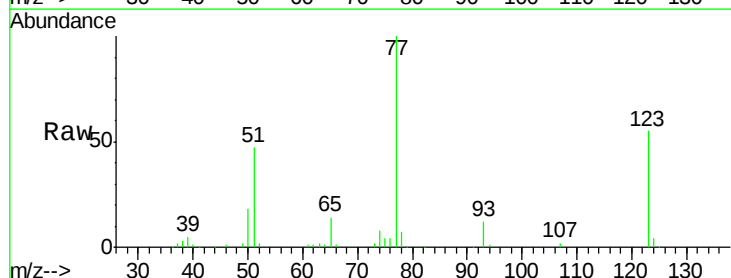
RT: 7.94 min Scan# 617

Delta R.T. -0.00 min

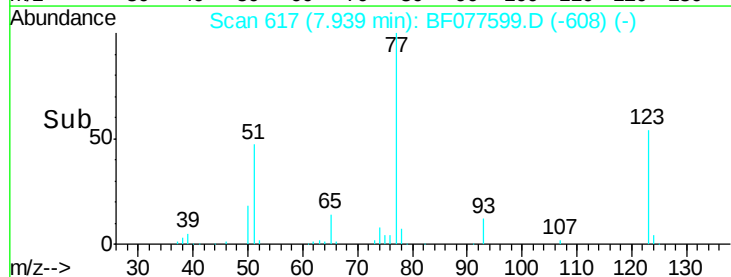
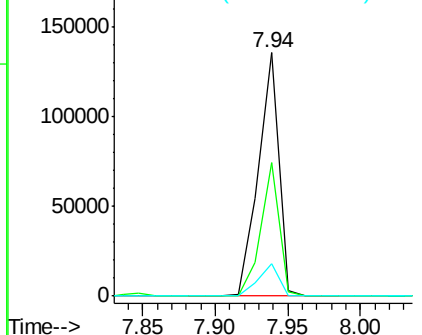
Lab File: BF077599.D

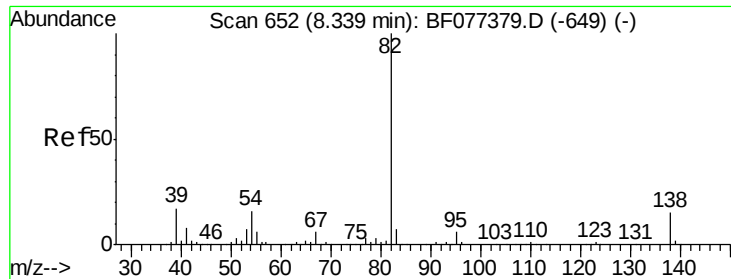
Acq: 5 Mar 2015 2:07

Tgt Ion:	77	Resp:	133758
Ion Ratio	Lower	Upper	
77	100		
123	54.8	45.9	68.9
65	13.6	9.5	14.3



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





#25

Isophorone

Concen: 33.00 ng

RT: 8.23 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

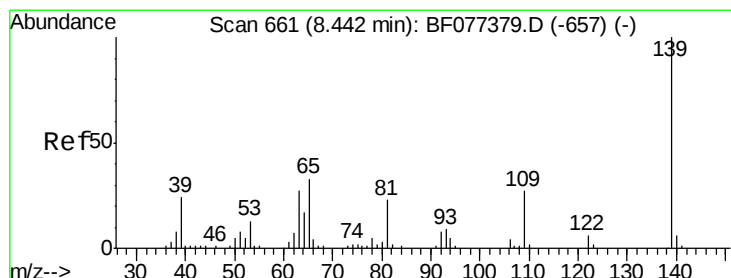
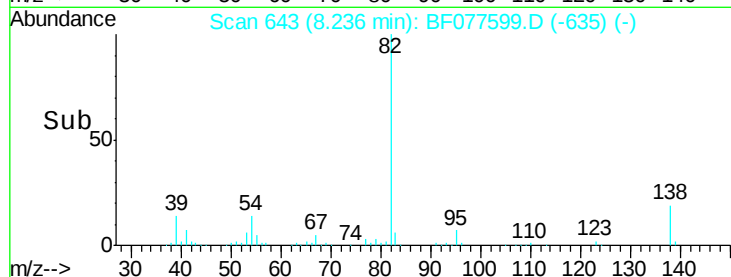
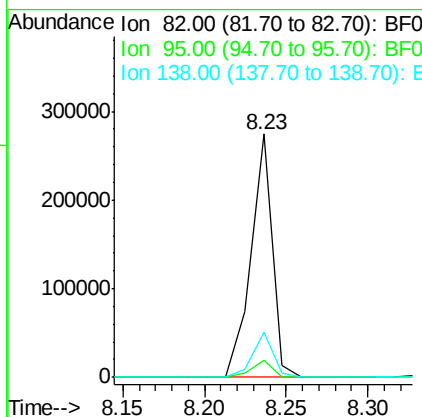
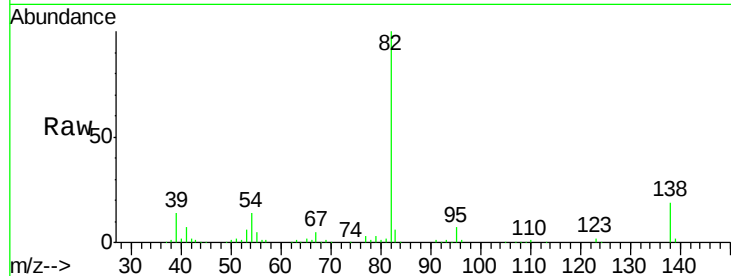
ClientSampleId :

FK-PS-01-013MS

Tgt Ion:	82	Resp:	248918
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.8	16.3	24.5

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#26

2-Nitrophenol

Concen: 37.47 ng

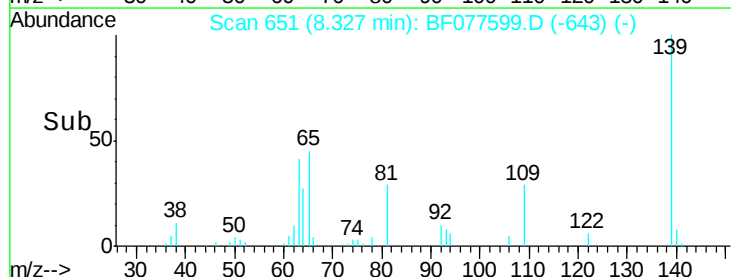
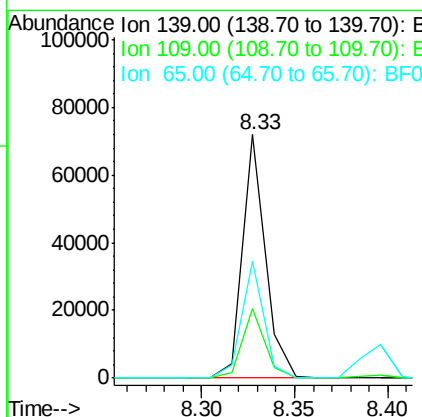
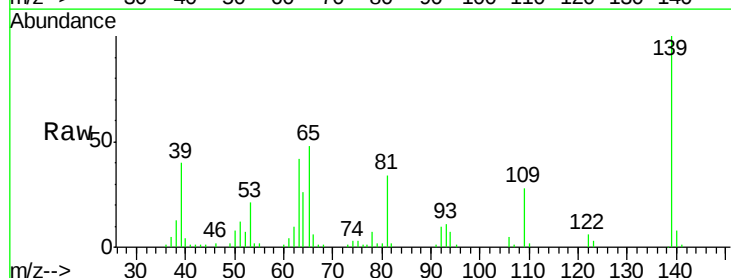
RT: 8.33 min Scan# 651

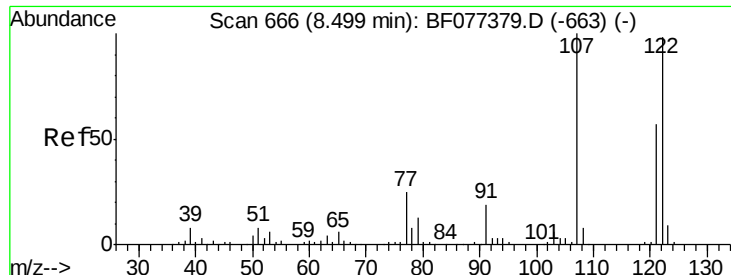
Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion:	139	Resp:	61437
Ion Ratio		Lower	Upper
139	100		
109	28.4	22.6	34.0
65	48.0	36.4	54.6





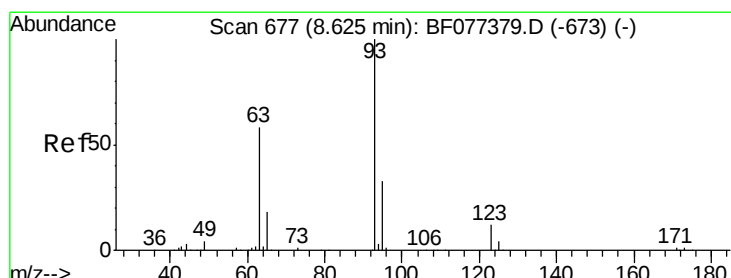
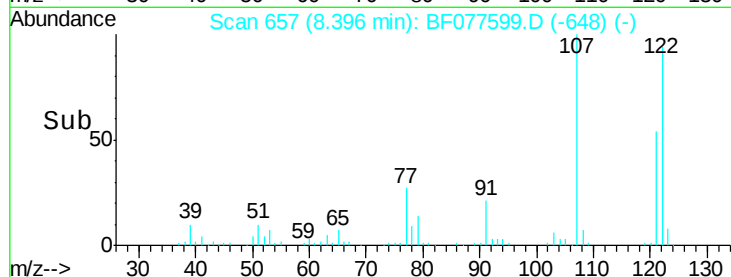
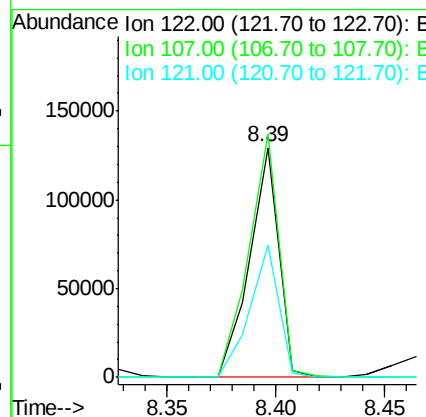
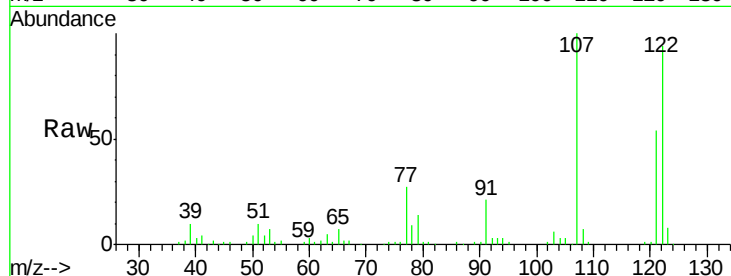
#27
 2,4-Dimethylphenol
 Concen: 32.99 ng
 RT: 8.39 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	121024		
107	105.9	86.6	130.0	
121	57.6	47.4	71.0	

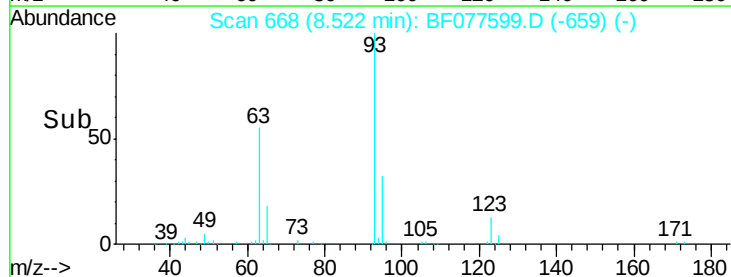
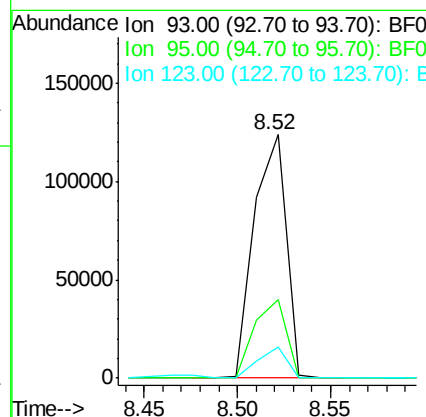
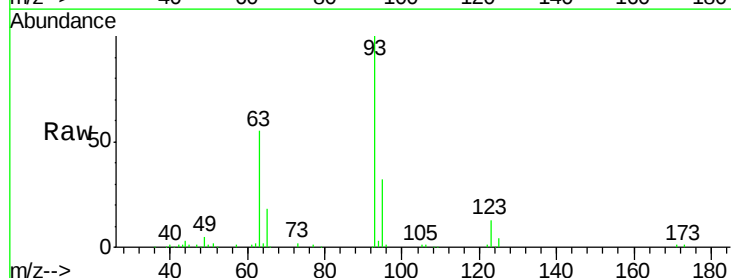
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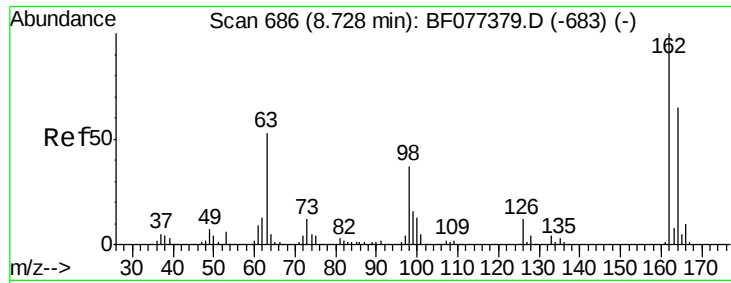
mohammad
 3/5/2015 12:48:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.38 ng
 RT: 8.52 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	149549		
95	32.2	26.4	39.6	
123	12.6	8.7	13.1	





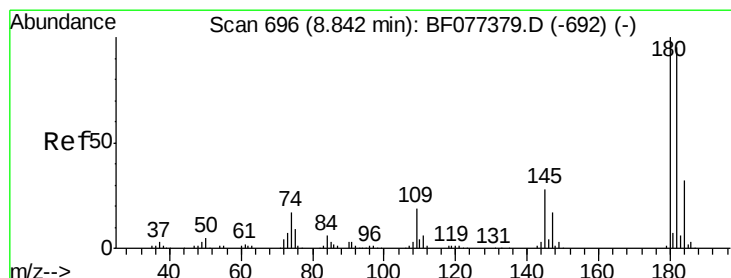
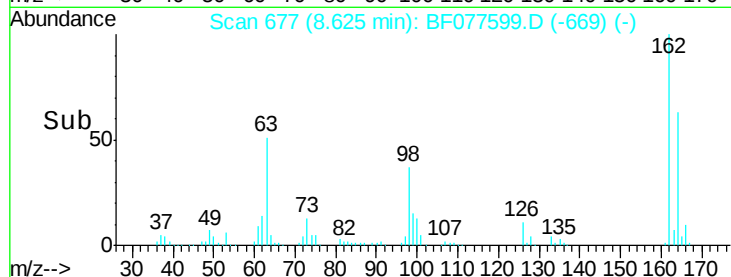
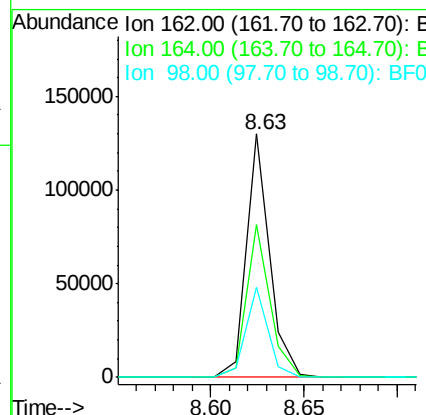
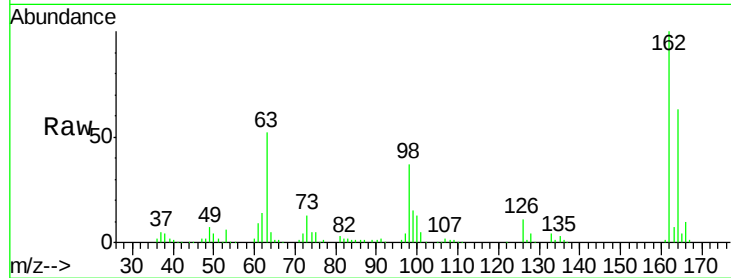
#29
 2,4-Dichlorophenol
 Concen: 32.73 ng
 RT: 8.63 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion:	162	Resp:	112690
Ion Ratio	Lower	Upper	
162	100		
164	62.7	46.4	86.4
98	37.0	6.9	46.9

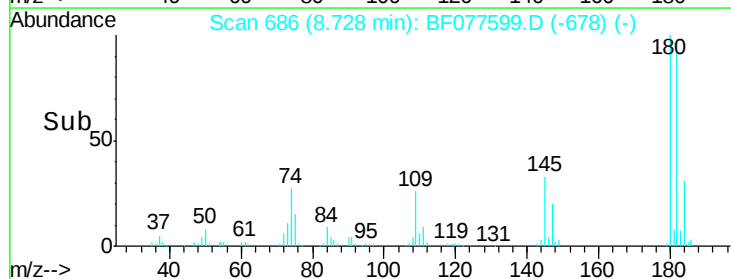
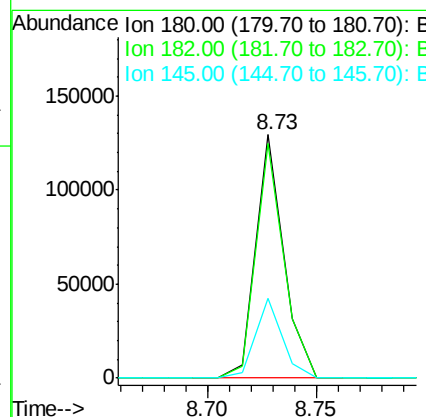
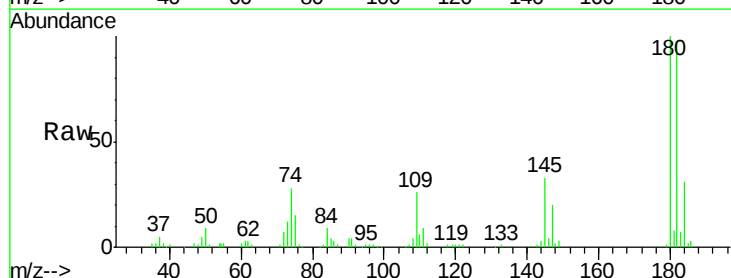
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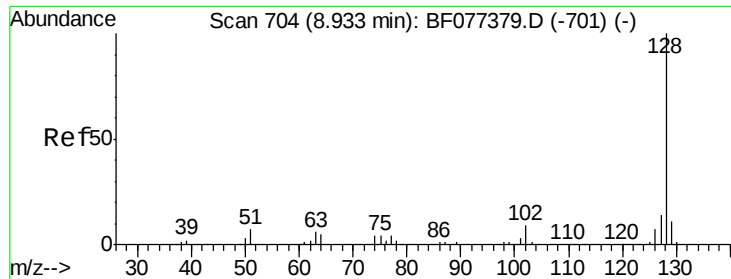
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.49 ng
 RT: 8.73 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion:	180	Resp:	115404
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.2	114.4
145	32.5	24.5	36.7





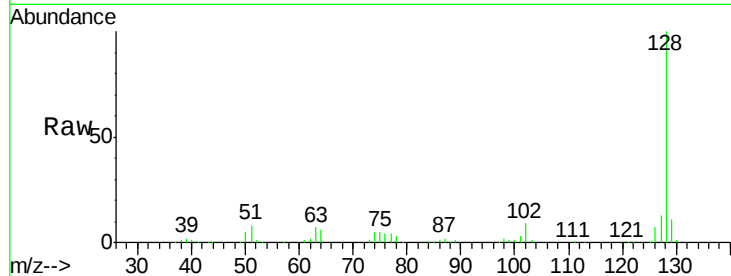
#31
Naphthalene
Concen: 31.39 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

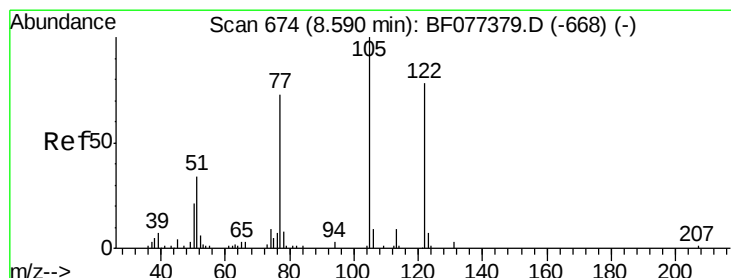
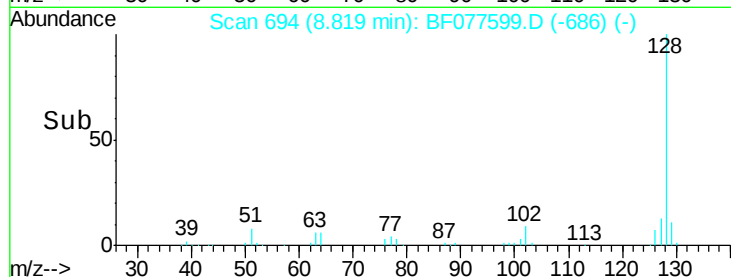
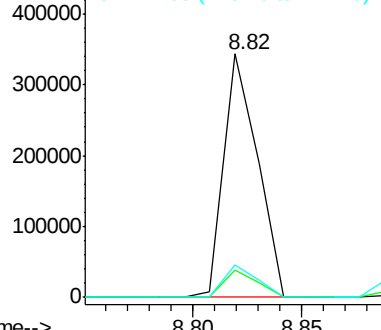
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	371107		
129	11.5	9.4	14.0	
127	13.1	10.6	15.8	

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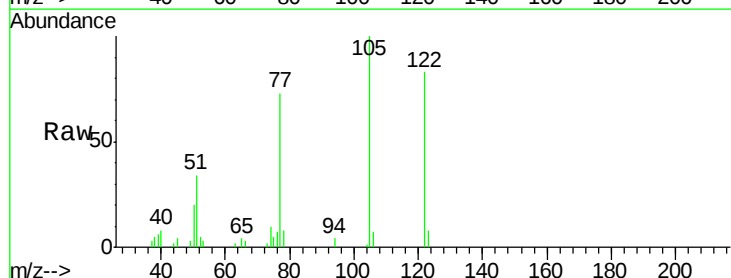


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

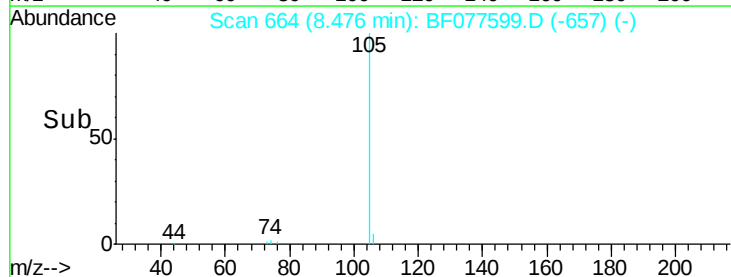
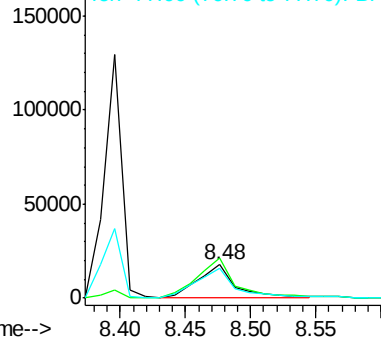


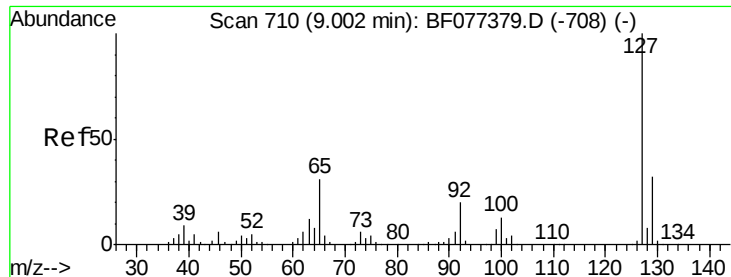
#32
Benzoic acid
Concen: 19.14 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	34117		
105	120.0	100.3	140.3	
77	88.1	68.7	108.7	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





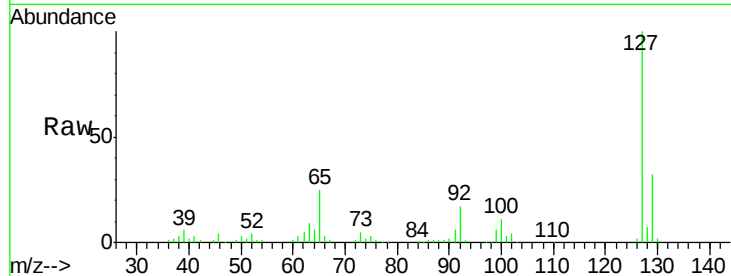
#33
4-Chloroaniline
Concen: 21.10 ng
RT: 8.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

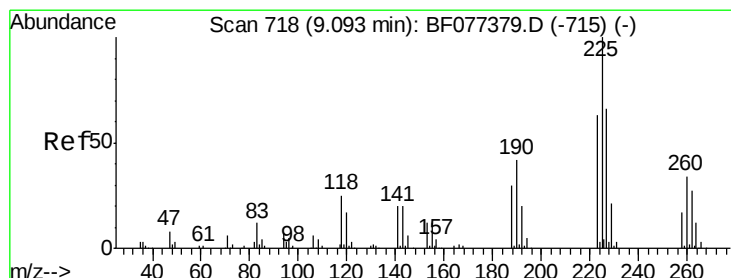
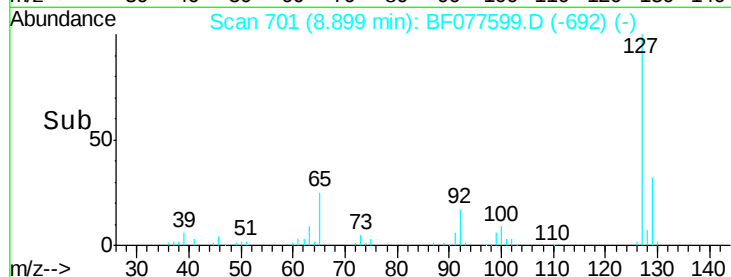
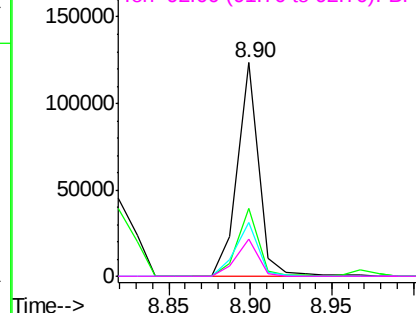
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.9	40.3	
65	25.2	16.7	25.1	
92	17.4	12.5	18.7	

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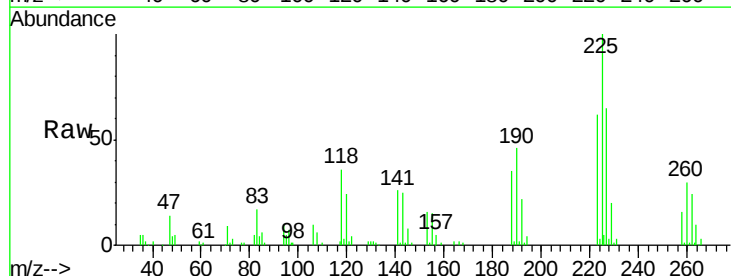


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

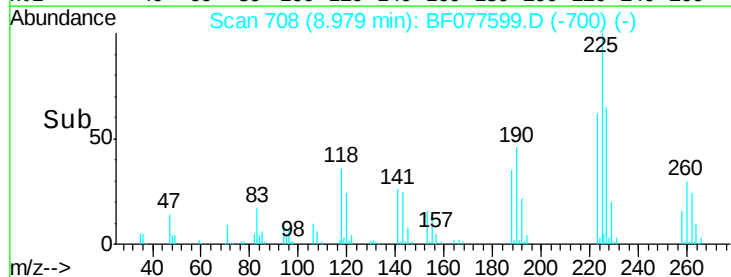
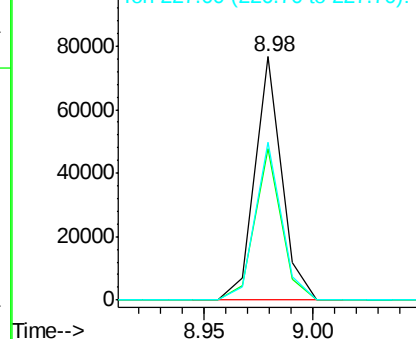


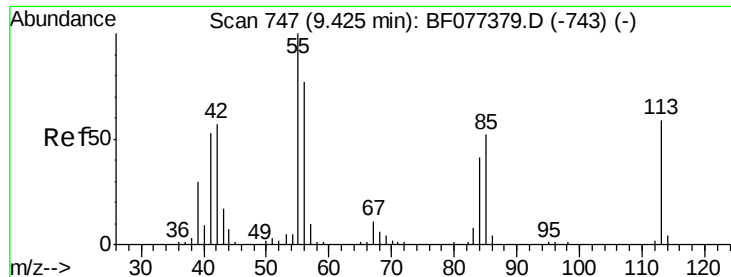
#34
Hexachlorobutadiene
Concen: 30.32 ng
RT: 8.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	49.5	74.3	
227	64.6	50.5	75.7	



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





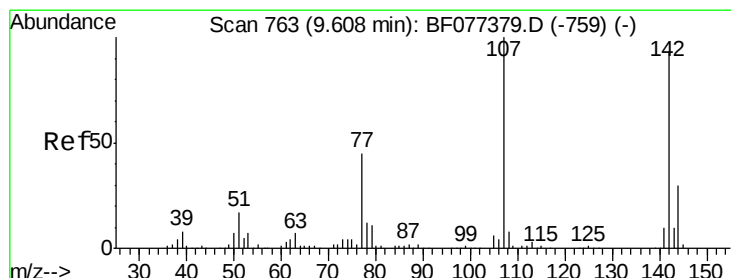
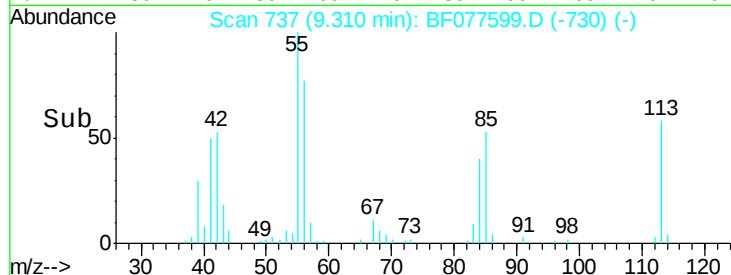
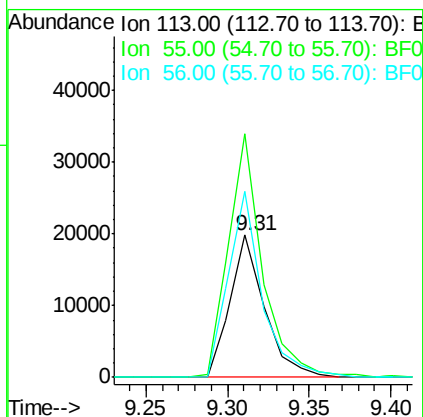
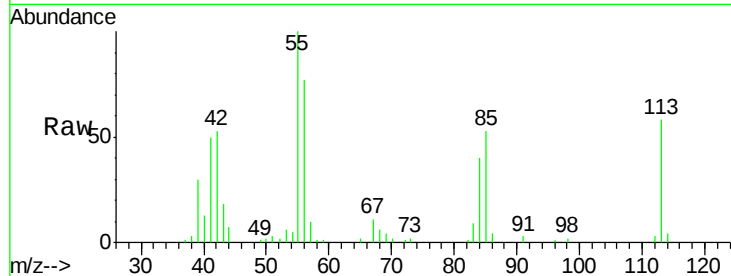
#35
 Caprolactam
 Concen: 27.64 ng
 RT: 9.31 min Scan# 737
 Delta R.T. -0.02 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion:113 Resp: 29058
 Ion Ratio Lower Upper
 113 100
 55 171.4 154.6 194.6
 56 131.3 114.0 154.0

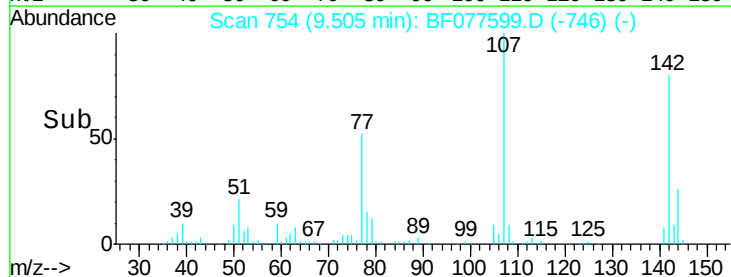
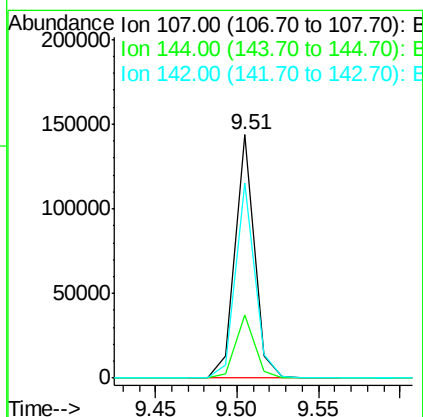
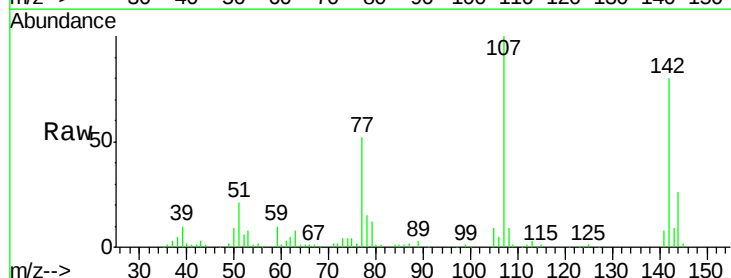
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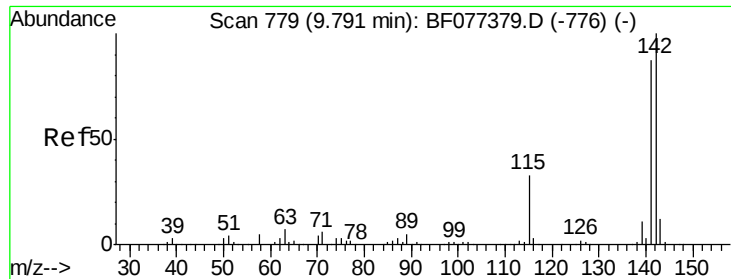
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 34.00 ng
 RT: 9.51 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion:107 Resp: 117690
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.1 31.7
 142 80.1 65.3 97.9





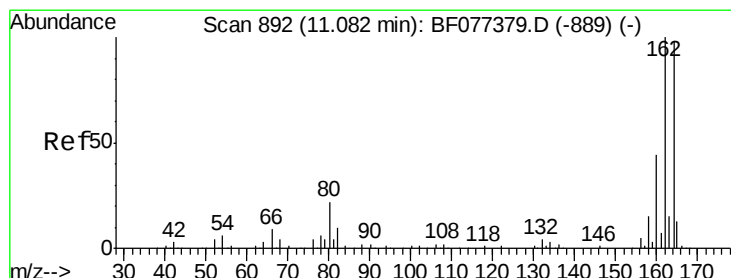
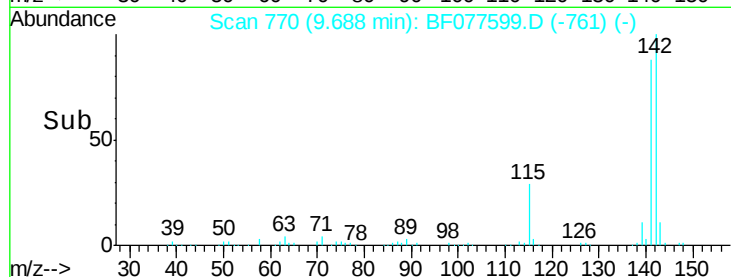
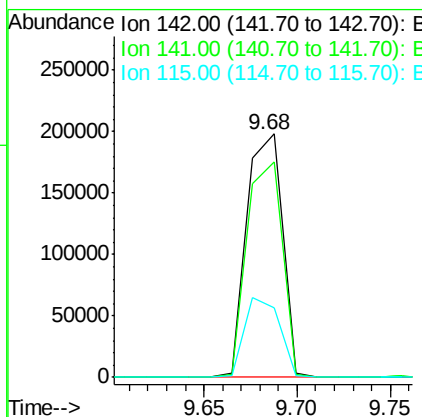
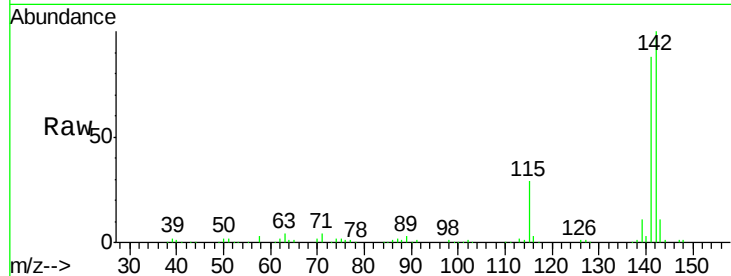
#37
2-Methylnaphthalene
Concen: 31.29 ng
RT: 9.68 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1
115	28.8	24.2	36.4

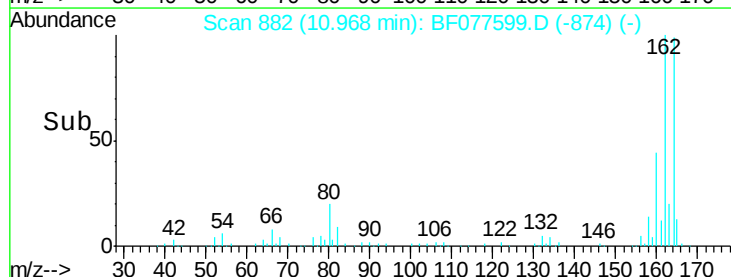
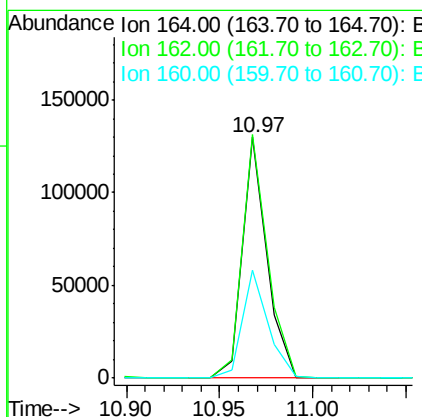
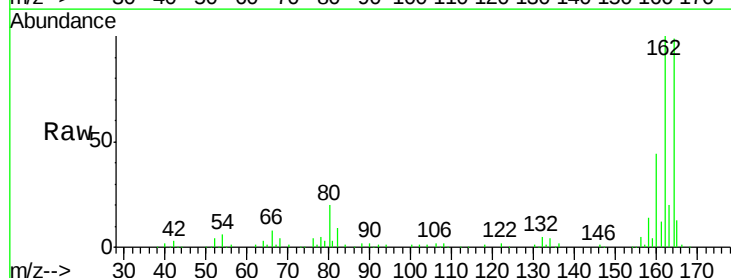
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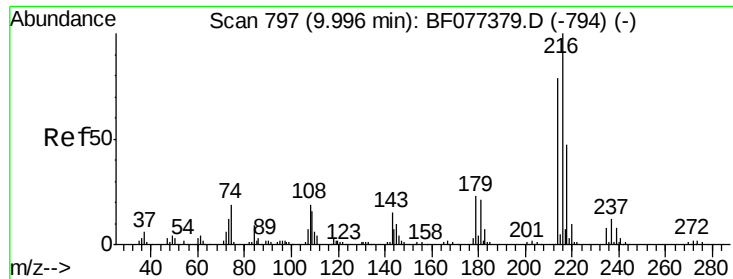
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.2	124.8
160	44.8	34.6	52.0





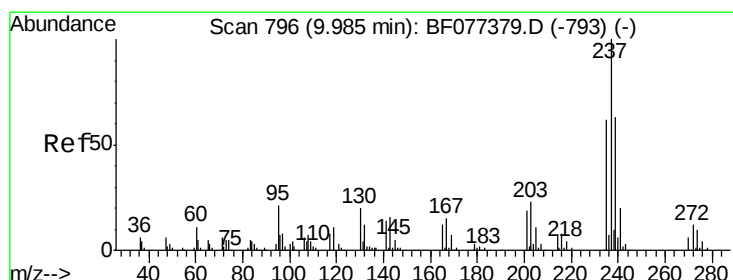
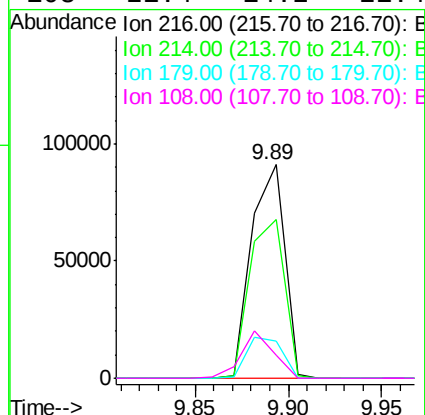
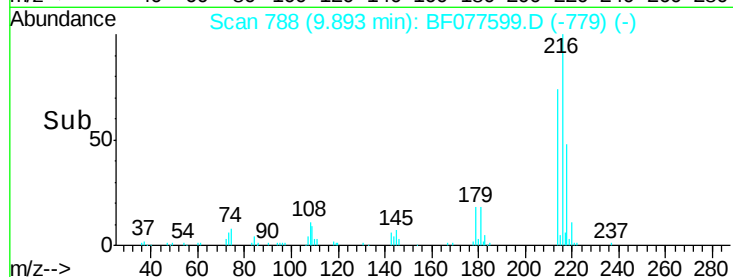
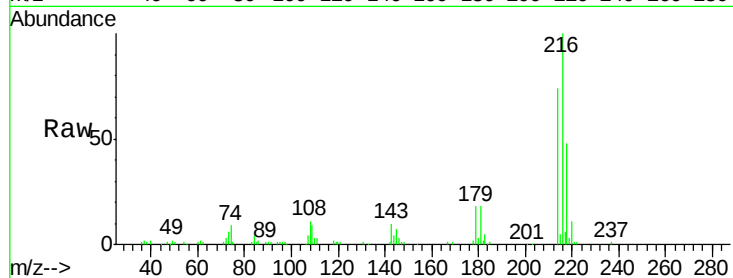
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.07 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	112581		
214	78.2	63.4	95.0	
179	20.8	16.6	25.0	
108	21.4	14.2	21.4	

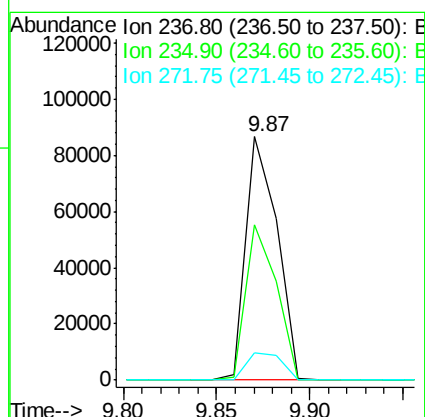
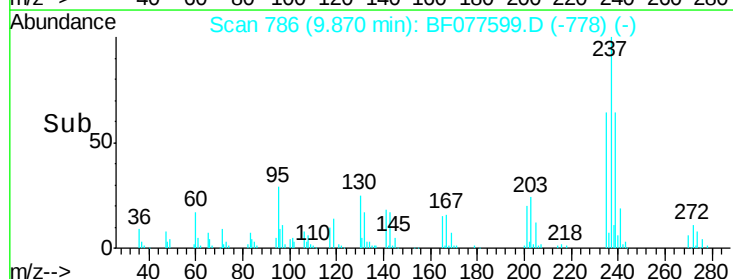
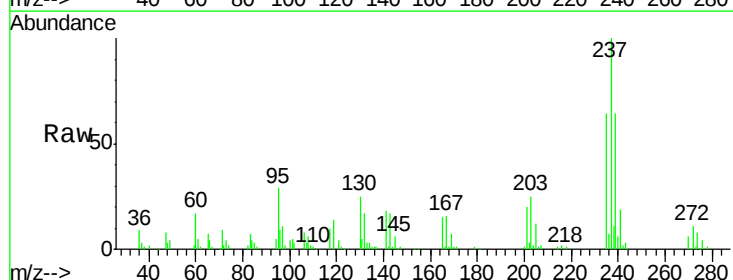
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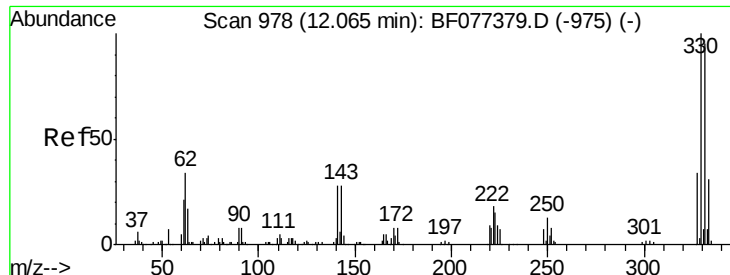
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 55.08 ng
 RT: 9.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

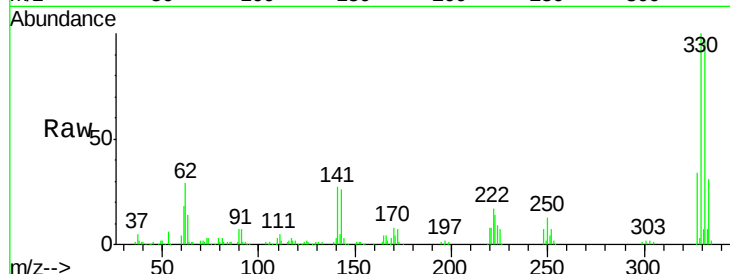
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	100552		
235	63.8	41.0	81.0	
272	11.1	0.0	34.3	





#41
 2,4,6-Tribromophenol
 Concen: 107.31 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

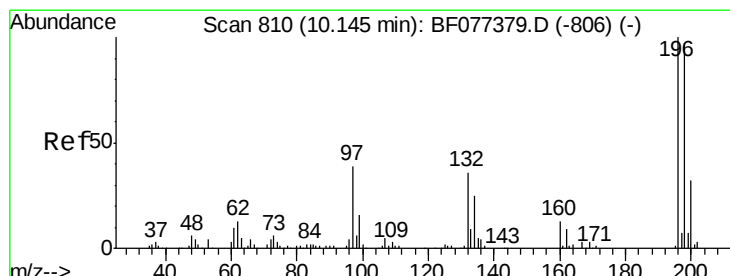
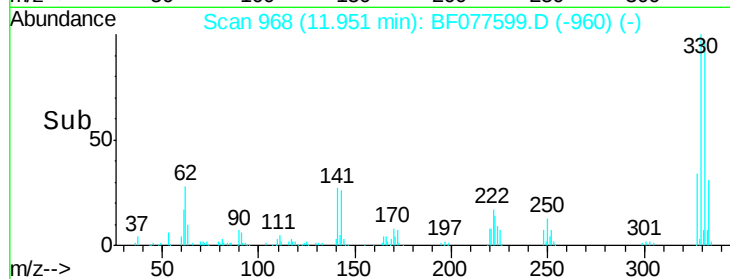
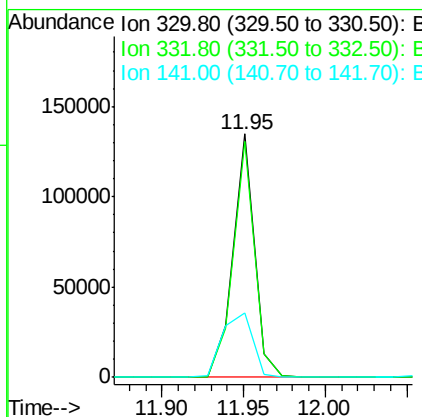
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	122597		
332	96.6	77.4	116.2	
141	37.7	28.8	43.2	

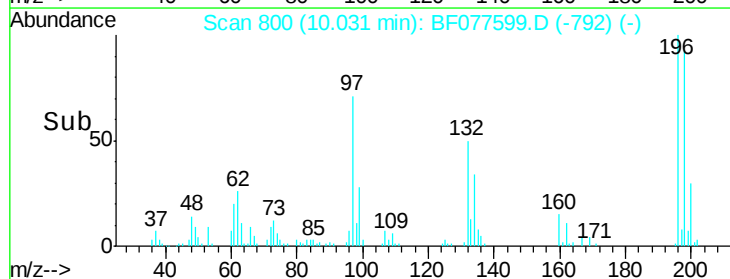
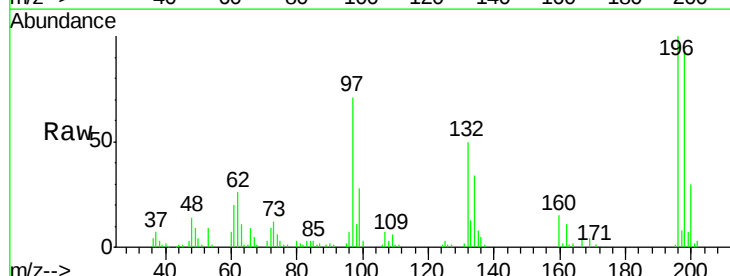
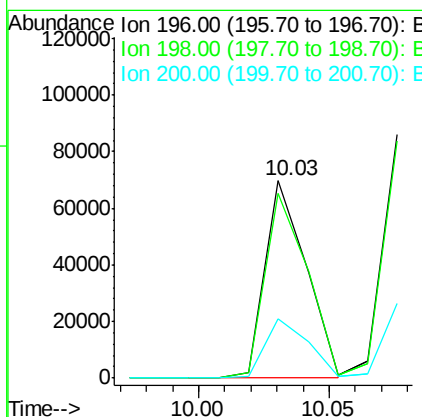
Manual Integrations
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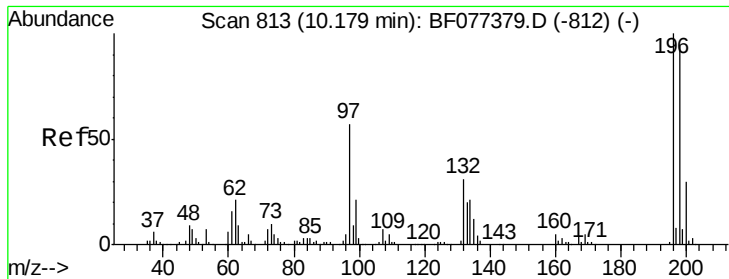
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 33.53 ng
 RT: 10.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

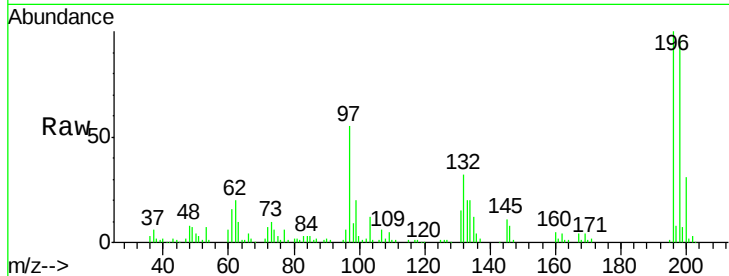
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	75587		
198	93.4	75.8	113.8	
200	29.9	24.2	36.4	





#43
 2,4,5-Trichlorophenol
 Concen: 33.75 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

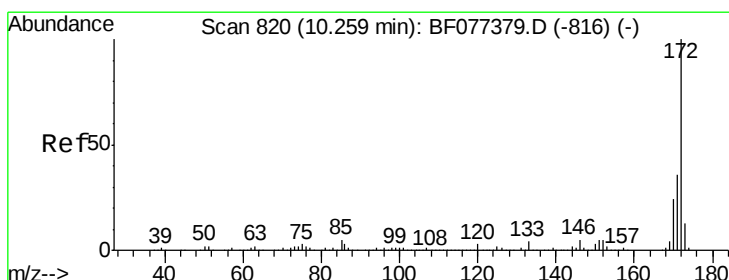
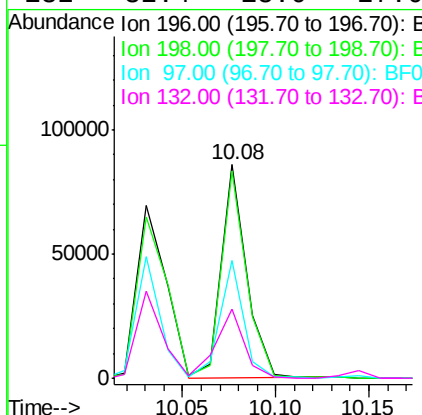
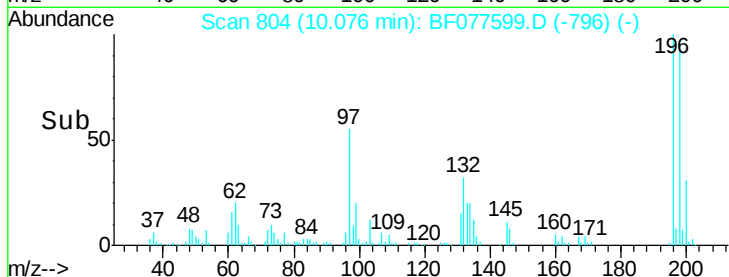
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81367		
198	97.3	77.2	115.8	
97	55.0	27.7	41.5#	
132	32.4	18.0	27.0#	

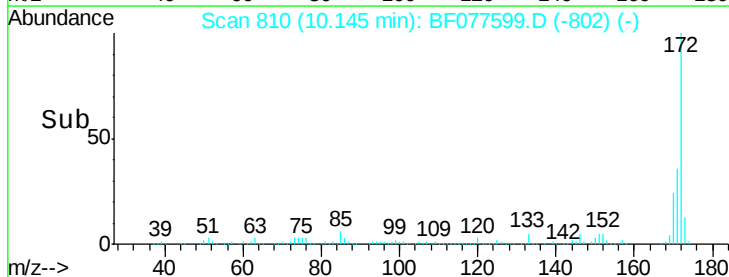
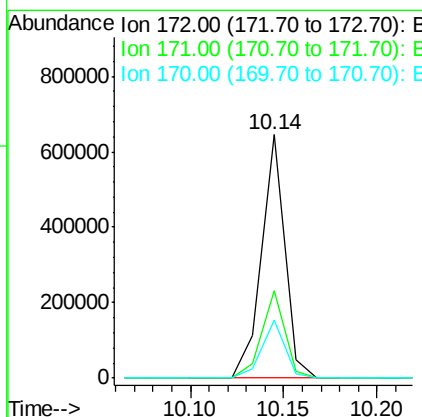
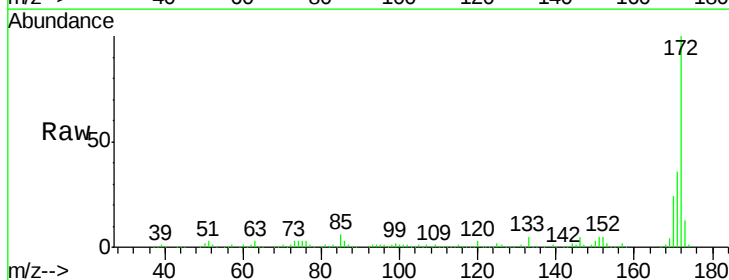
Manual Integrations
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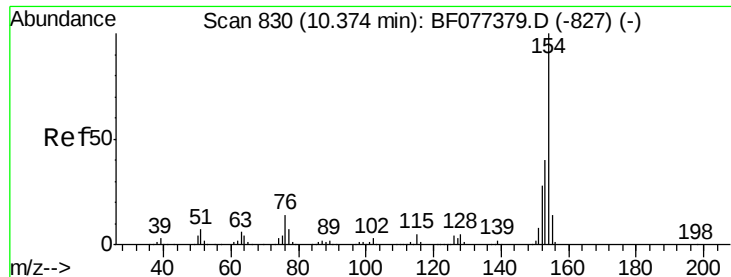
mohammad
 3/5/2015 12:48:04 PM



#44
 2-Fluorobiphenyl
 Concen: 72.72 ng
 RT: 10.14 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	553354		
171	35.9	28.9	43.3	
170	23.9	19.4	29.2	





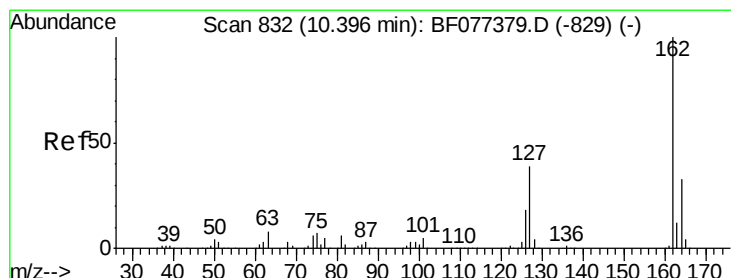
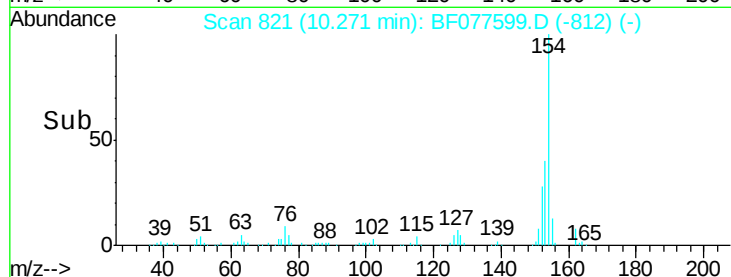
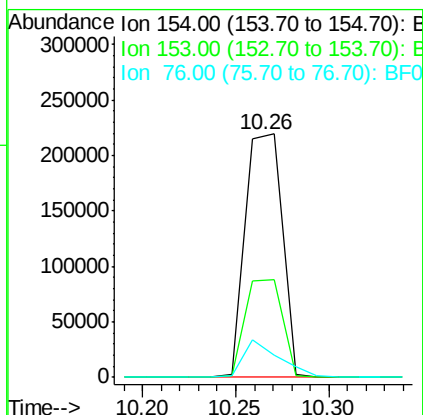
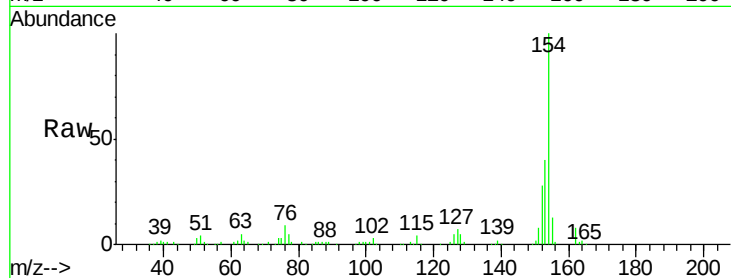
#45
1,1'-Biphenyl
Concen: 33.59 ng
RT: 10.26 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	301910		
153	40.0	20.2	60.2	
76	9.0	0.0	29.4	

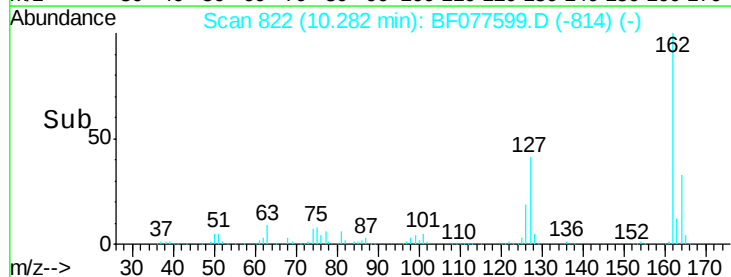
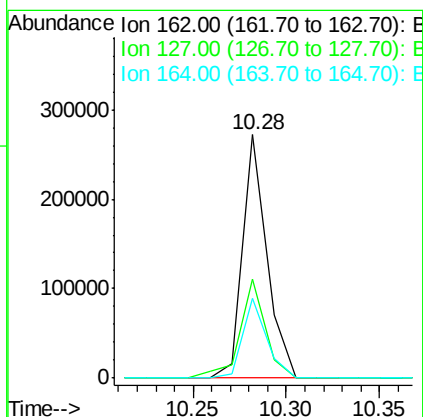
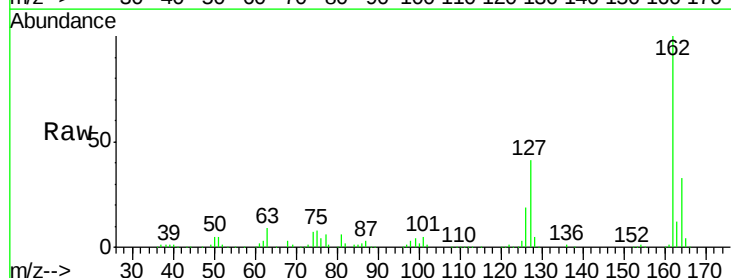
Manual Integrations
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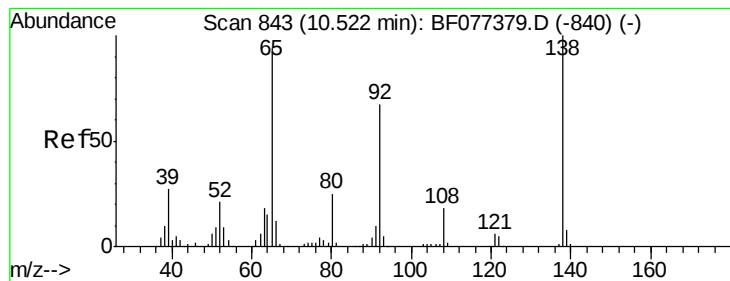
mohammad
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#46
2-Chloronaphthalene
Concen: 34.95 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	246431		
127	40.8	33.3	49.9	
164	32.5	26.2	39.4	





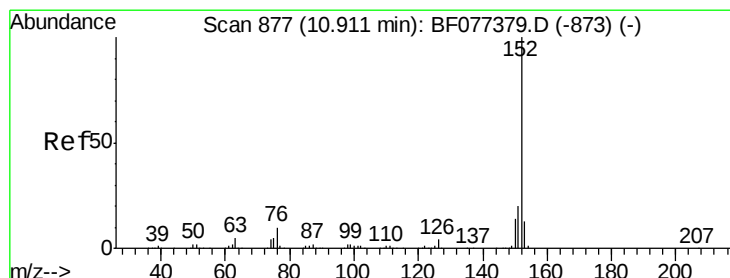
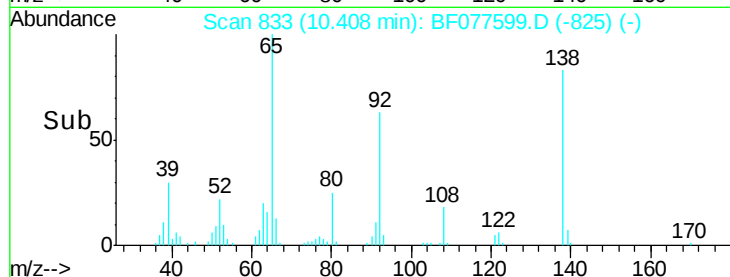
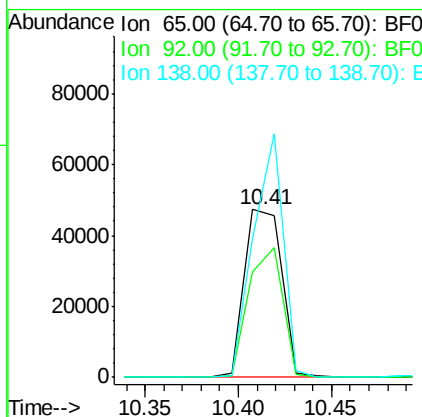
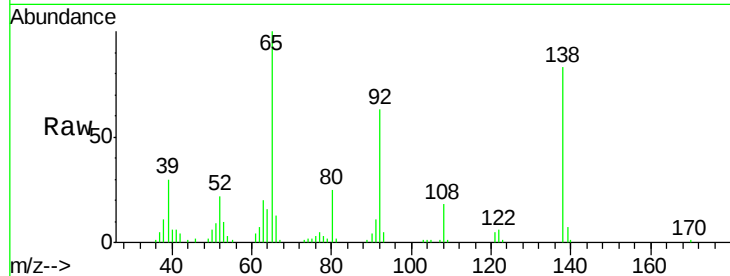
#47
 2-Nitroaniline
 Concen: 37.76 ng
 RT: 10.41 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion:	65	Resp:	65532
Ion Ratio	Lower	Upper	
65	100		
92	62.8	52.4	78.6
138	82.8	73.4	110.0

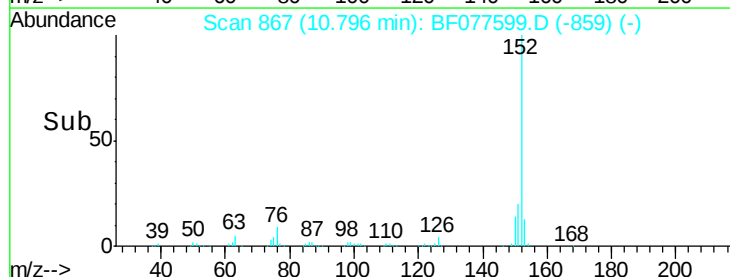
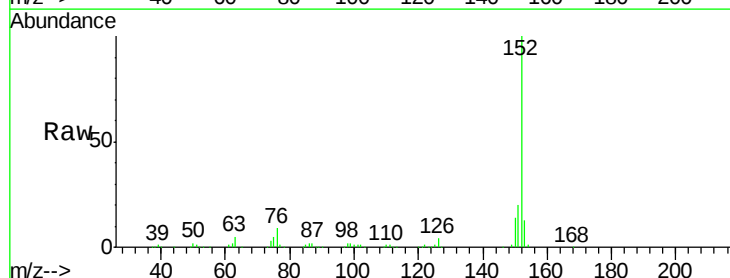
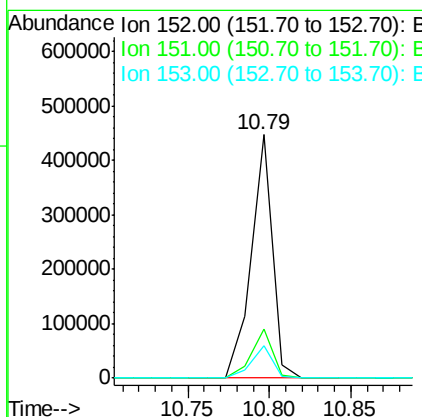
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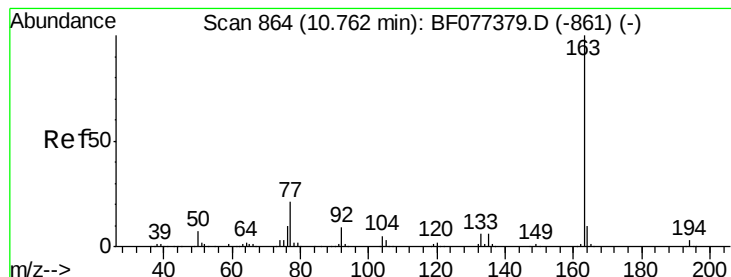
mohammad
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#48
 Acenaphthylene
 Concen: 36.15 ng
 RT: 10.79 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion:	152	Resp:	403420
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	13.5	10.9	16.3





#49

Dimethylphthalate

Concen: 35.79 ng

RT: 10.65 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF077599.D

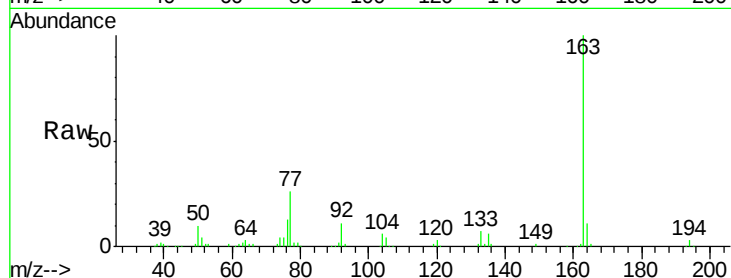
Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-013MS



Tgt Ion:163 Resp: 298475

Ion Ratio Lower Upper

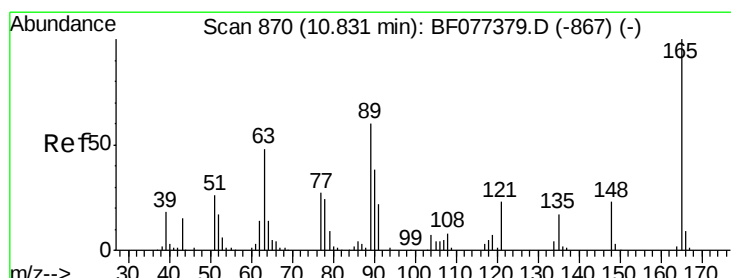
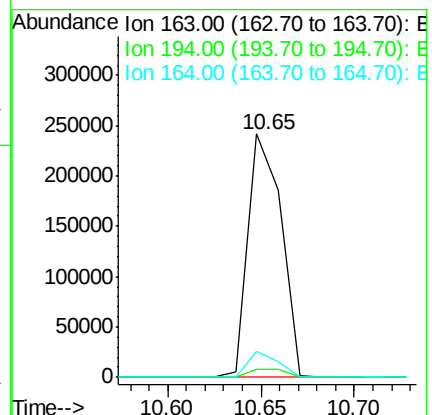
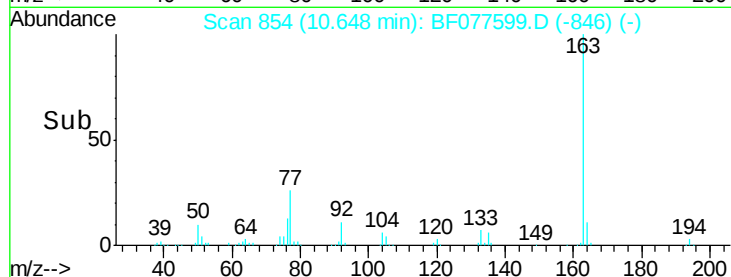
163 100

194 3.1 2.6 4.0

164 10.9 8.6 13.0

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#50

2,6-Dinitrotoluene

Concen: 36.71 ng

RT: 10.72 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

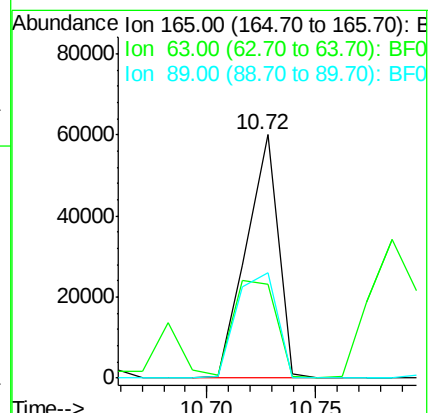
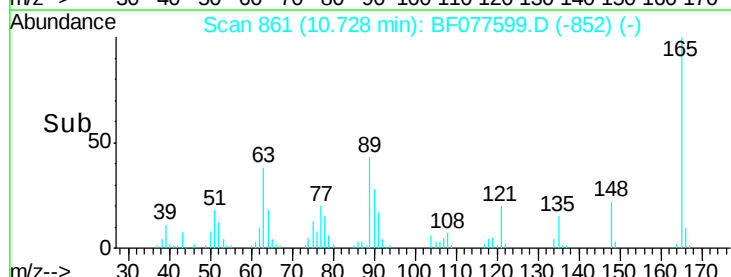
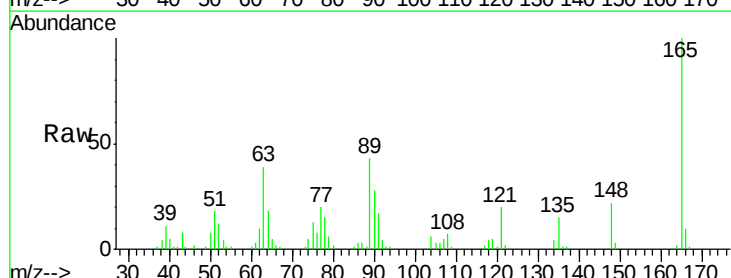
Tgt Ion:165 Resp: 61397

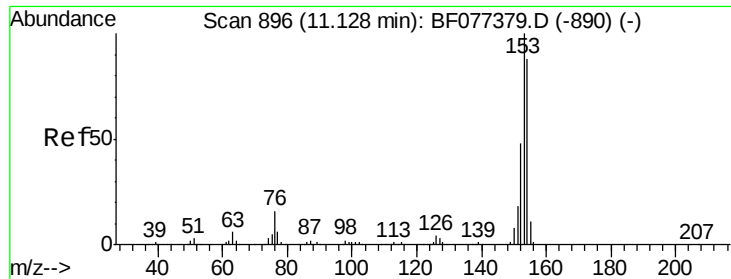
Ion Ratio Lower Upper

165 100

63 38.6 25.2 37.8#

89 43.5 30.5 45.7





#51

Acenaphthene

Concen: 33.79 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

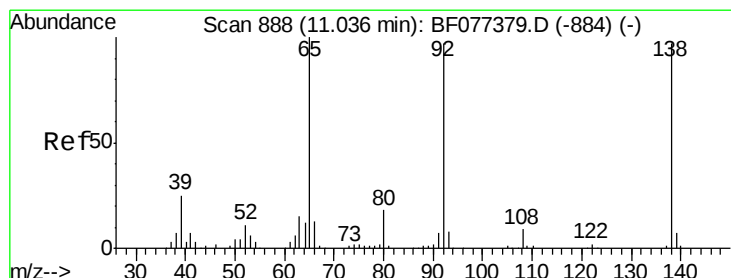
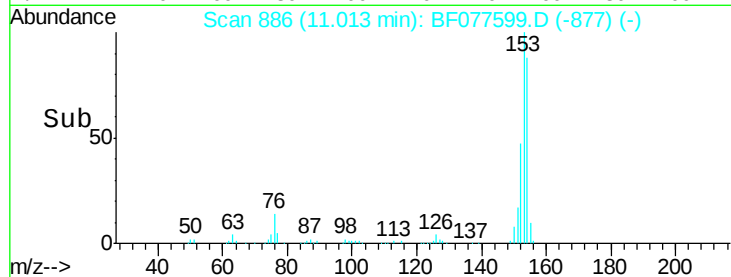
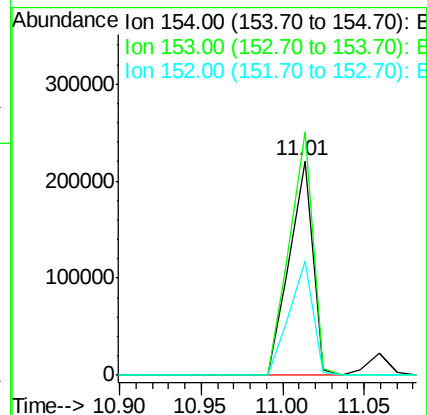
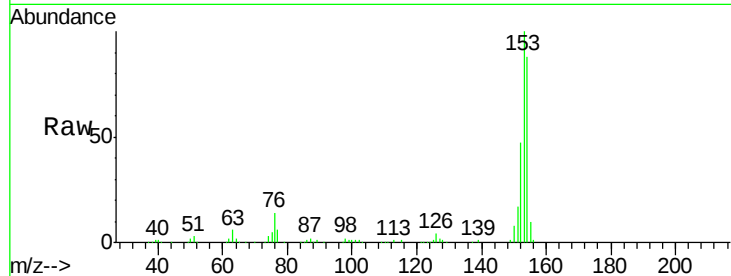
ClientSampleId :

FK-PS-01-013MS

Tgt Ion:	154	Resp:	225037
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.5	135.7
152	53.1	43.5	65.3

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#52

3-Nitroaniline

Concen: 31.53 ng

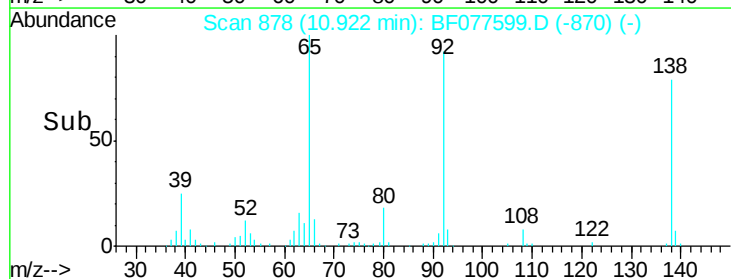
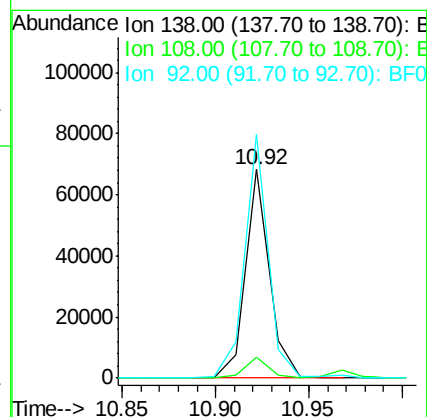
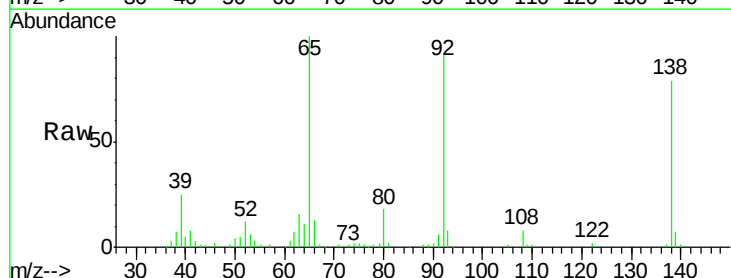
RT: 10.92 min Scan# 878

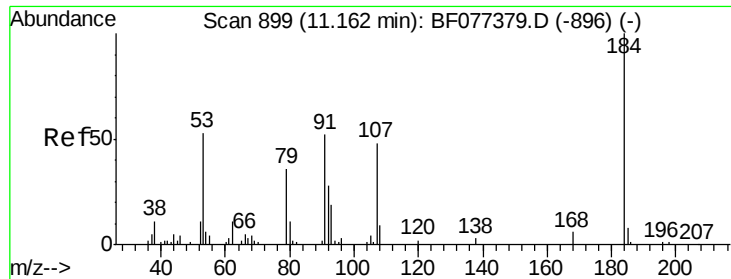
Delta R.T. -0.01 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion:	138	Resp:	60804
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.8	11.8
92	116.6	90.6	135.8





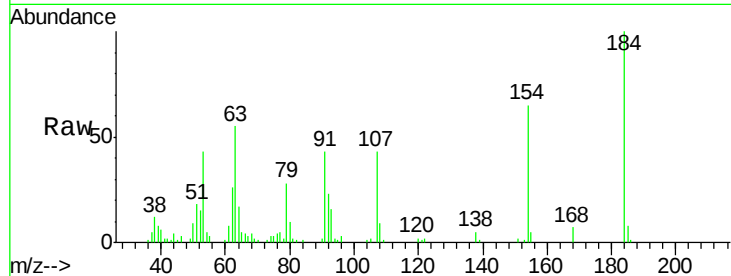
#53
2,4-Dinitrophenol
Concen: 61.99 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

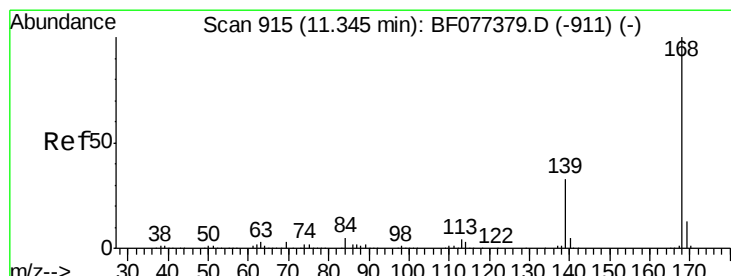
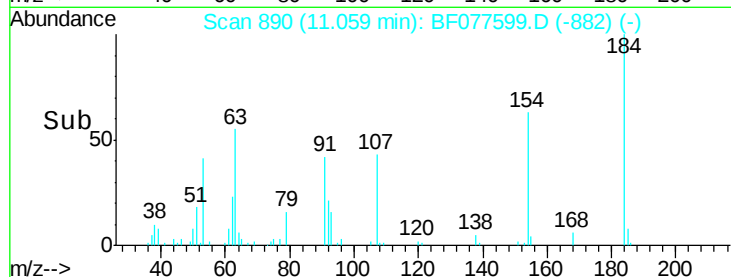
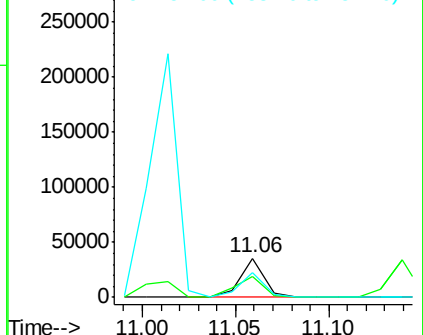
Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	54.6	29.5	44.3#
154	64.6	43.2	64.8

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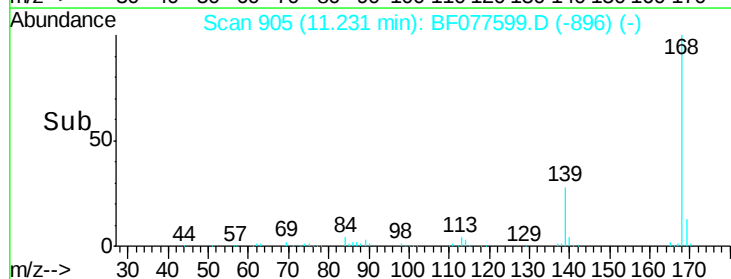
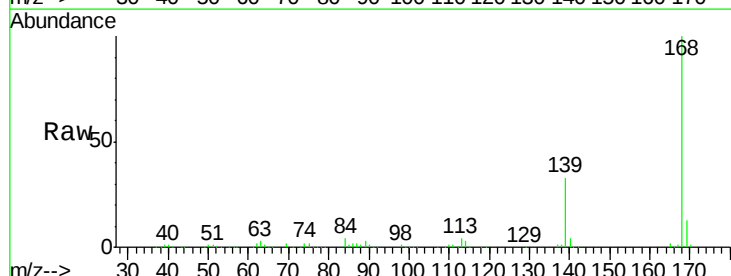
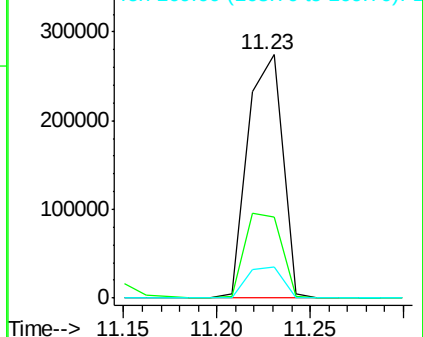
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

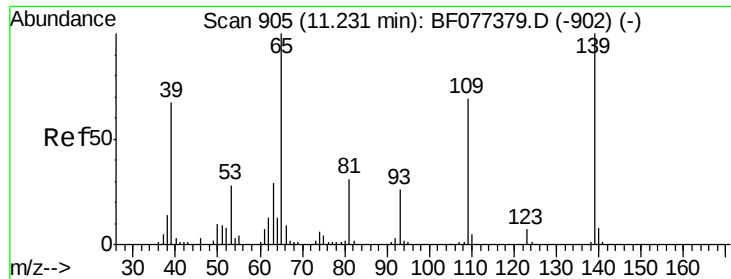


#54
Dibenzofuran
Concen: 34.40 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	33.2	29.3	43.9
169	12.9	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





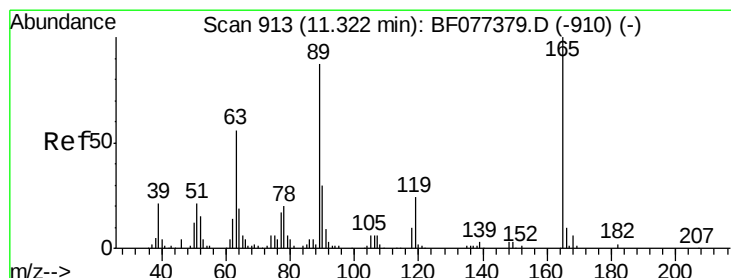
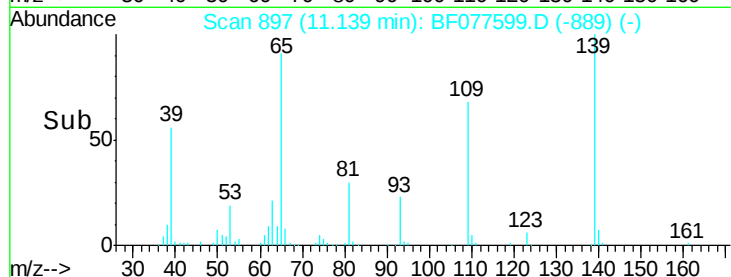
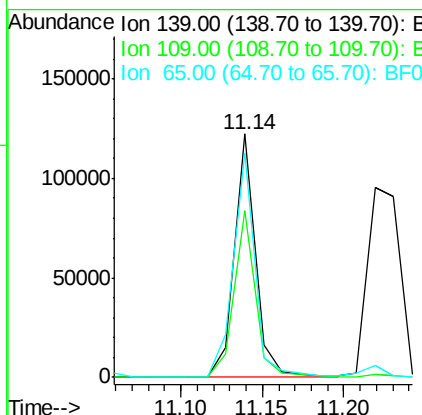
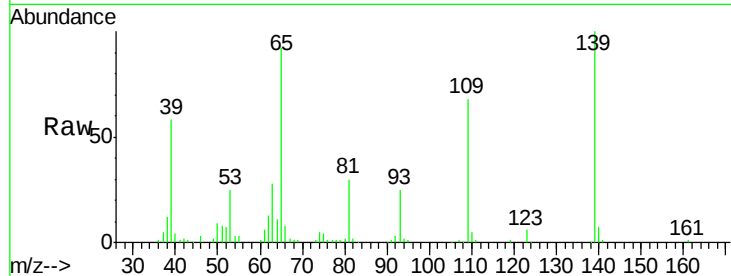
#55
4-Nitrophenol
Concen: 70.59 ng
RT: 11.14 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	109492		
109	68.3	36.2	76.2	
65	92.0	40.3	80.3	

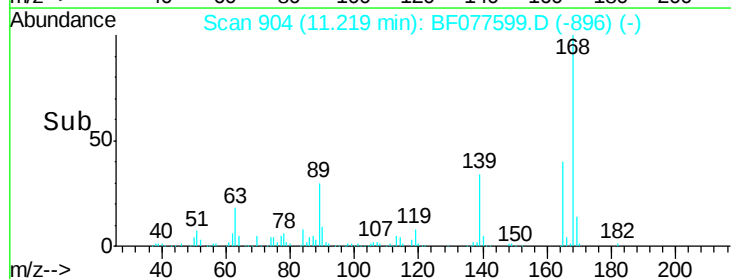
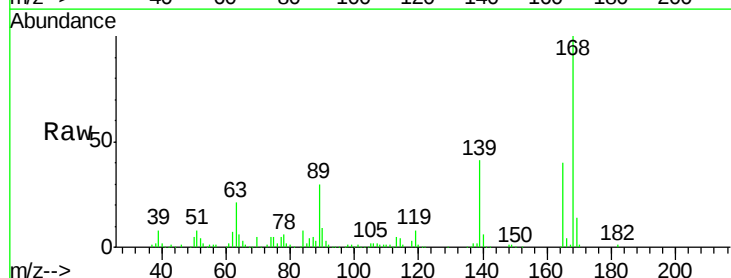
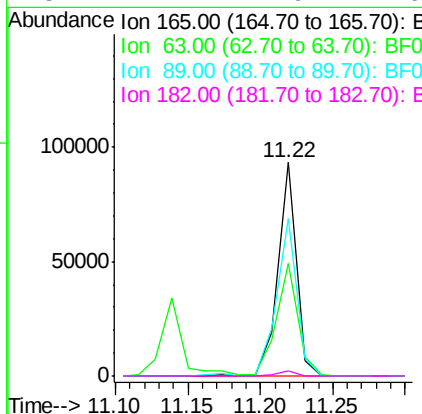
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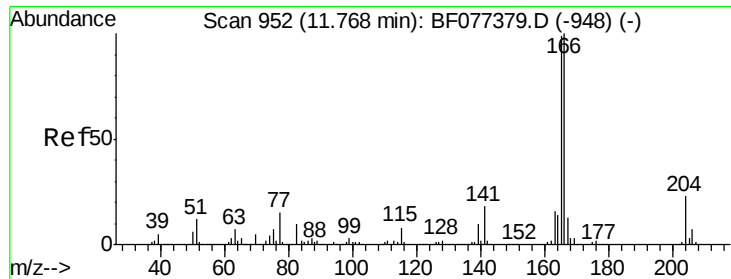
mohammad
3/5/2015 12:48:04 PM



#56
2,4-Dinitrotoluene
Concen: 36.26 ng
RT: 11.22 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81945		
63	53.0	29.8	44.8	
89	73.7	48.5	72.7	
182	2.1	1.9	2.9	





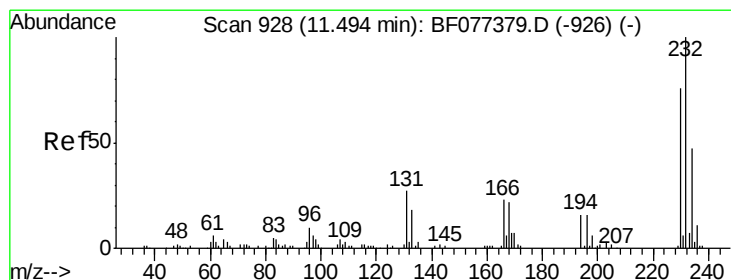
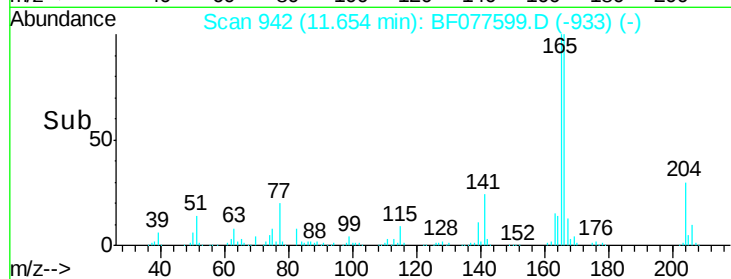
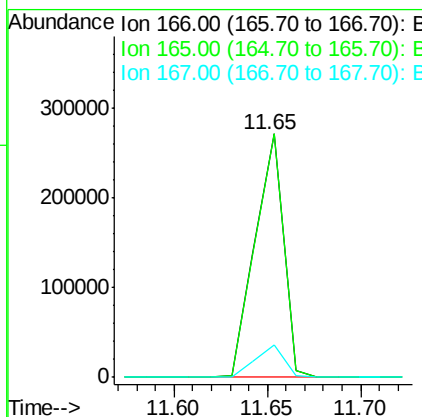
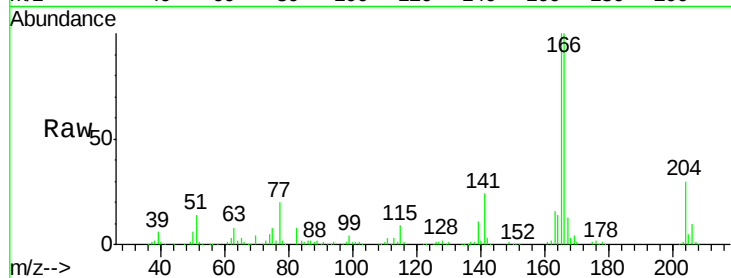
#57
Fluorene
 Concen: 34.88 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	286719		
165	100.1	77.6	116.4	
167	13.1	10.6	16.0	

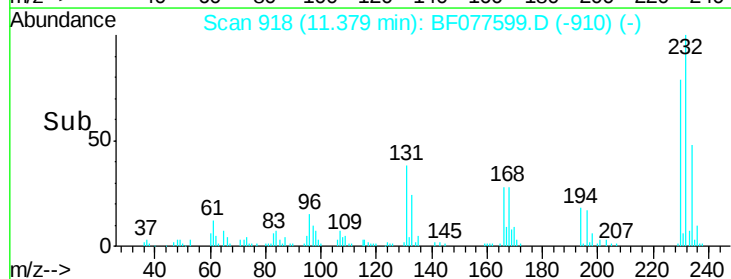
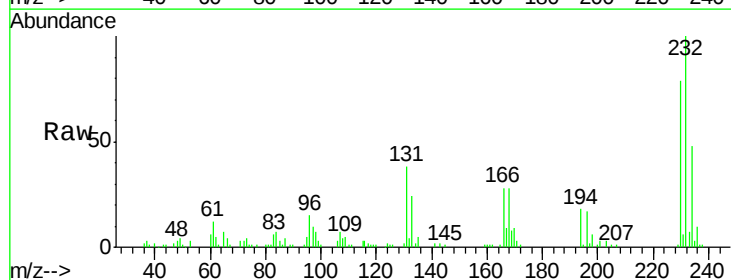
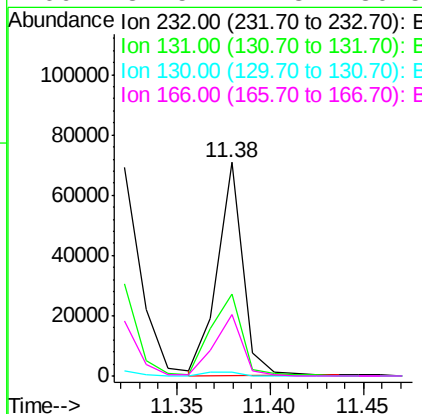
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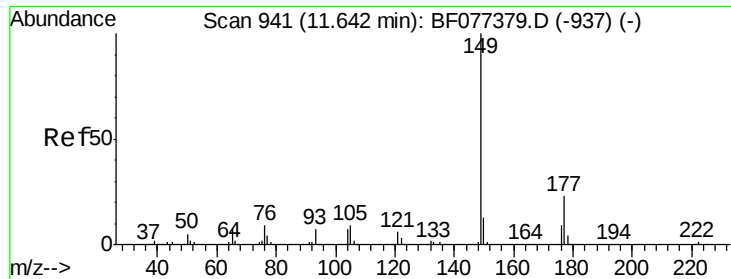
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.83 ng
 RT: 11.38 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	67512		
131	47.4	34.2	51.2	
130	2.4	1.8	2.6	
166	31.5	24.3	36.5	





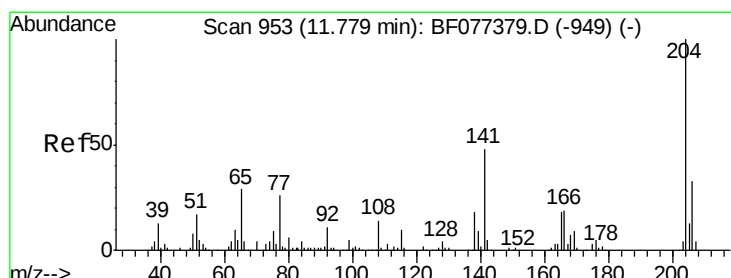
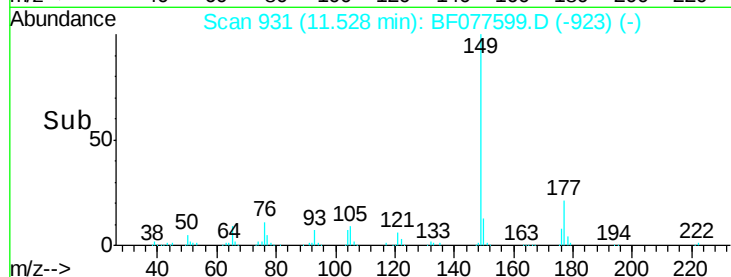
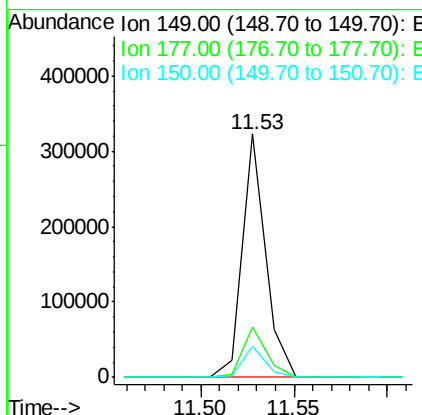
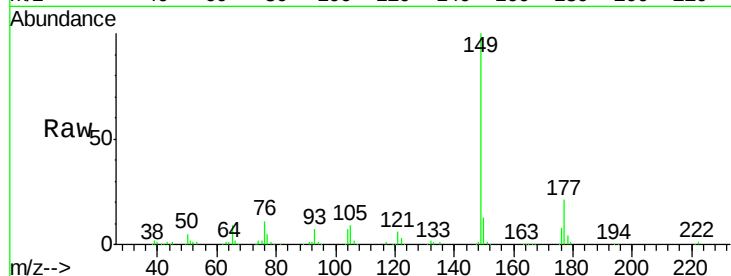
#59
Diethylphthalate
Concen: 34.24 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.9	17.2	25.8
150	12.6	10.5	15.7

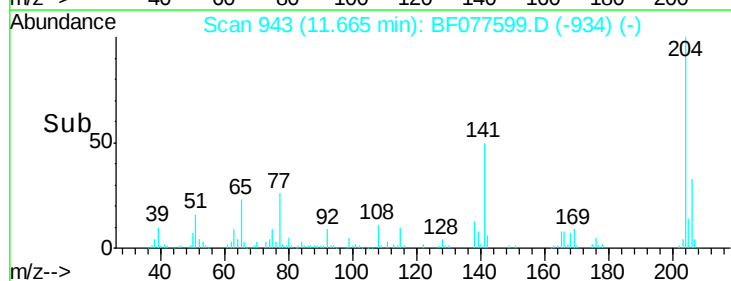
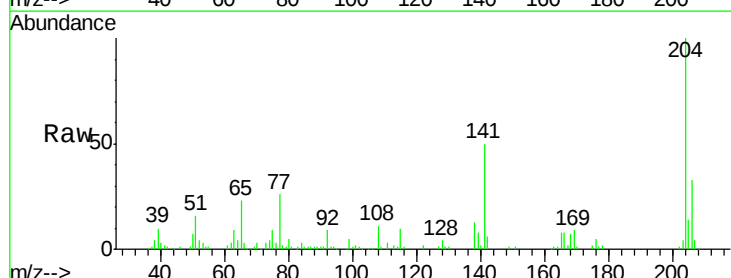
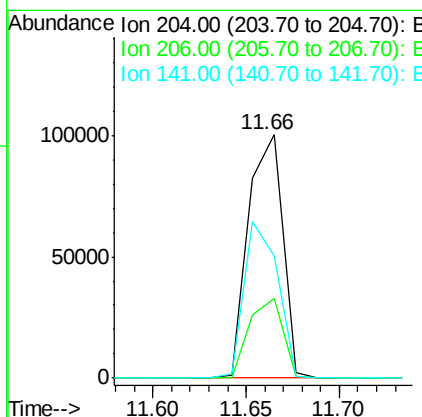
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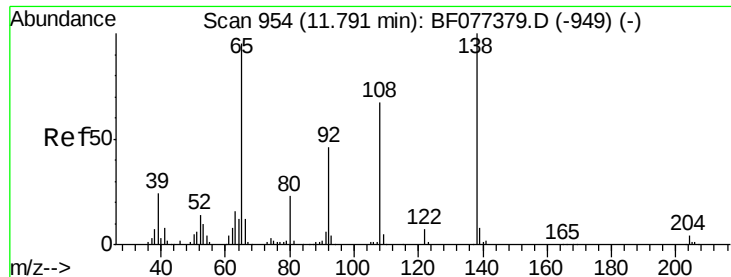
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 32.29 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	25.9	38.9
141	49.9	43.6	65.4





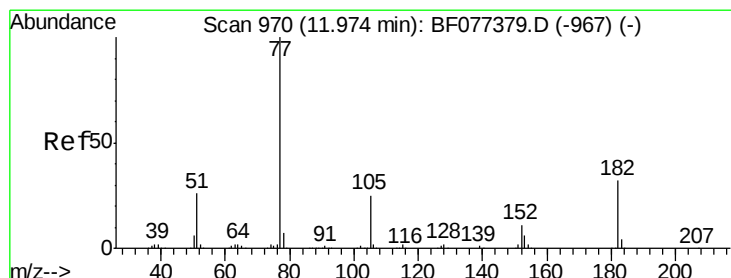
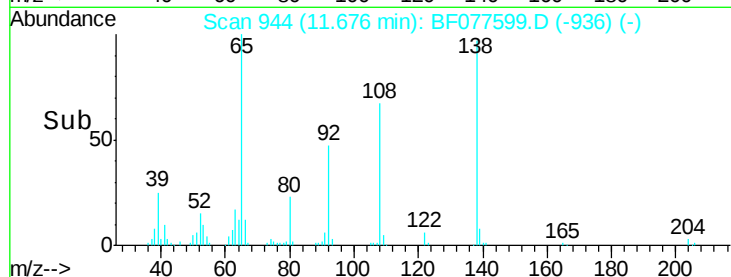
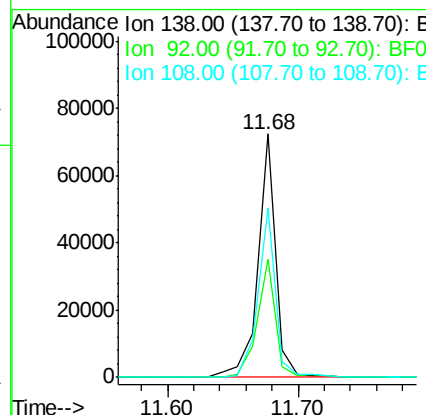
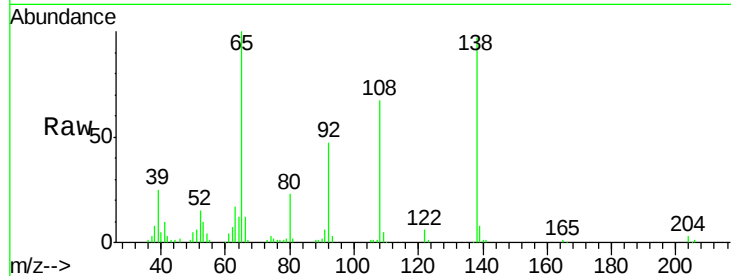
#61
4-Nitroaniline
Concen: 37.23 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	68811		
92	48.5	32.8	72.8	
108	69.3	52.1	92.1	

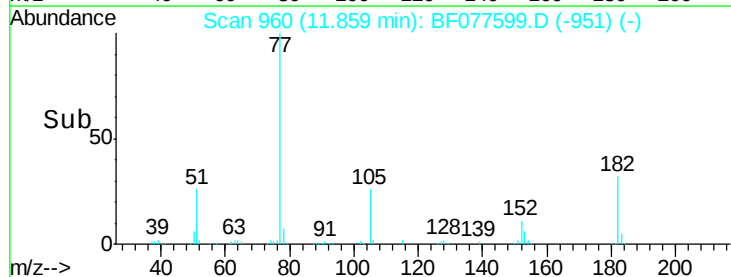
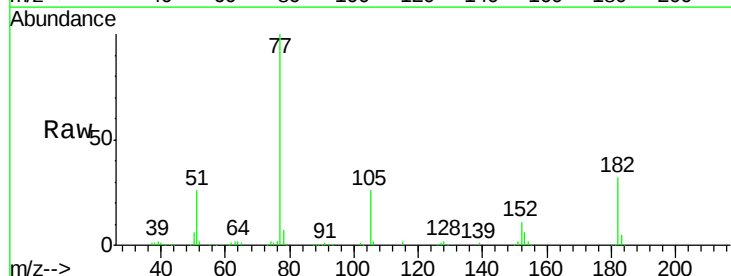
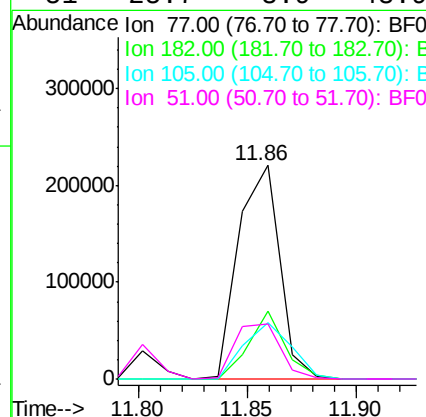
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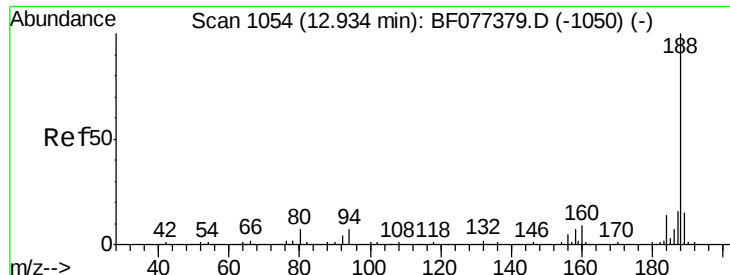
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#62
Azobenzene
Concen: 37.32 ng
RT: 11.86 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	291159		
182	31.8	4.9	44.9	
105	26.3	3.3	43.3	
51	25.7	8.9	48.9	





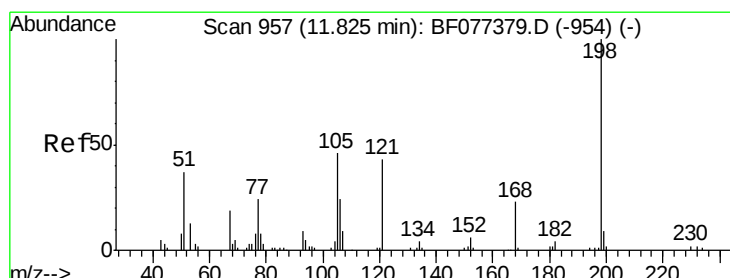
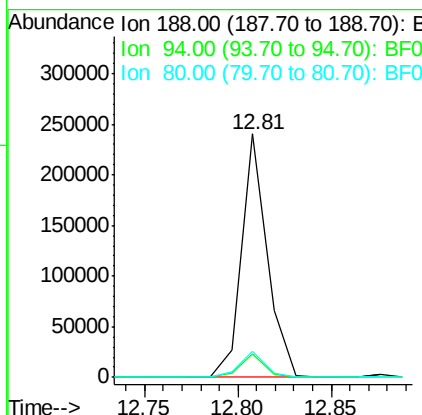
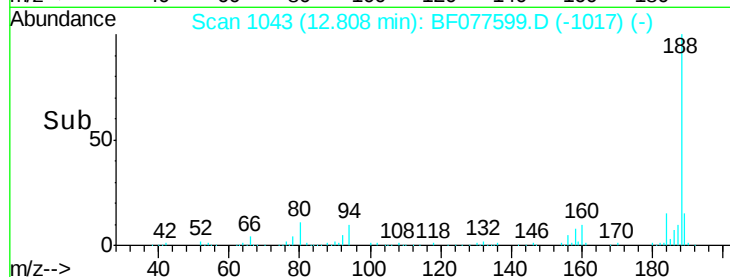
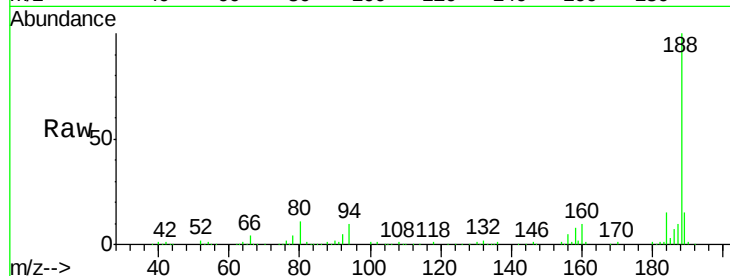
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	7.4	11.2
80	10.7	8.0	12.0

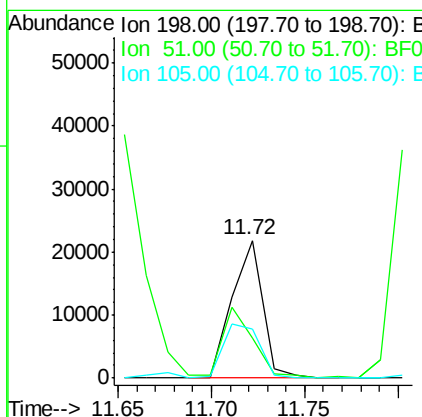
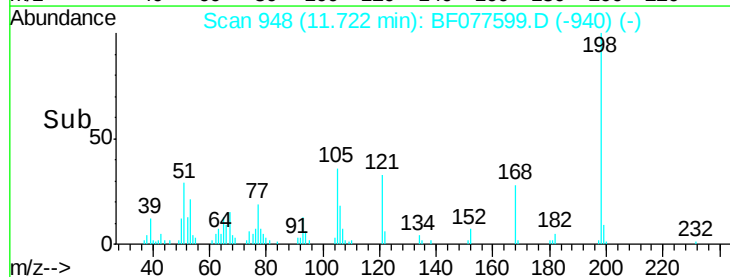
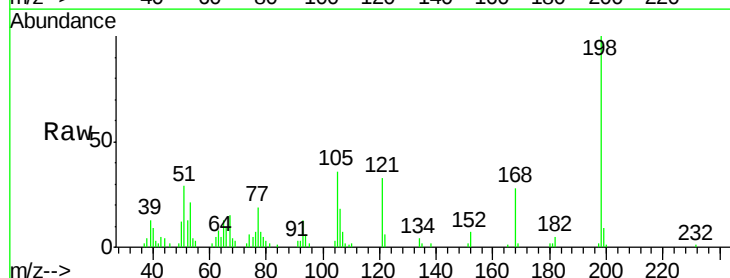
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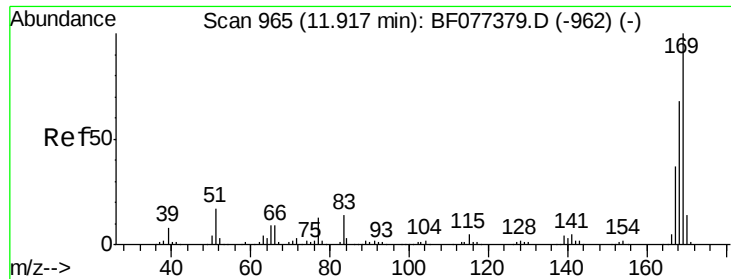
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.02 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

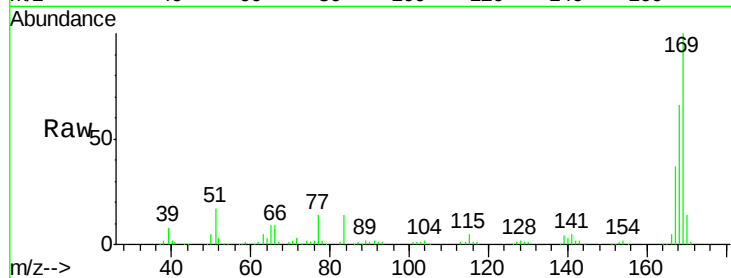
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	29.0	2.7	42.7
105	36.1	10.0	50.0





#65
 n-Nitrosodiphenylamine
 Concen: 31.89 ng
 RT: 11.81 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

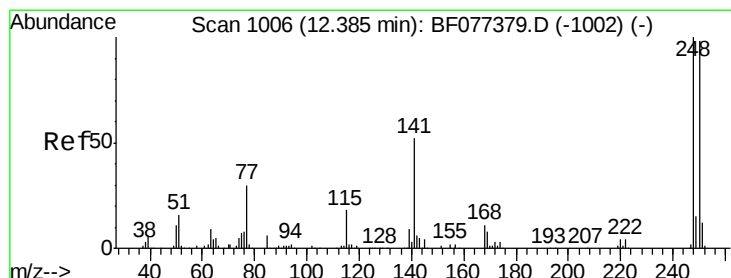
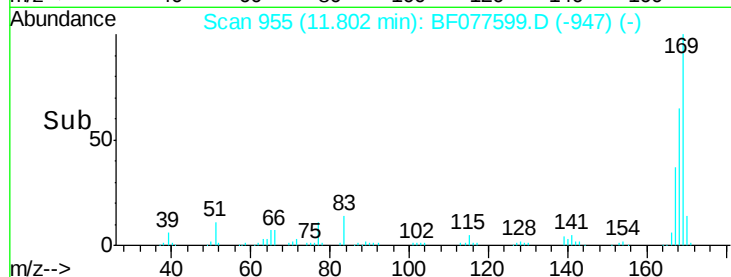
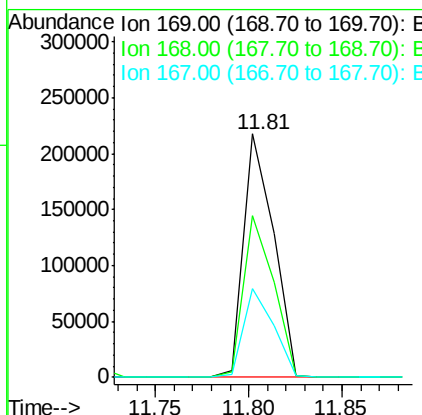
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	243172		
168	66.4	53.0	79.6	
167	36.7	29.5	44.3	

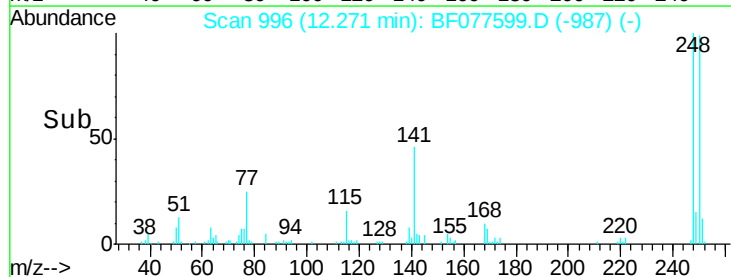
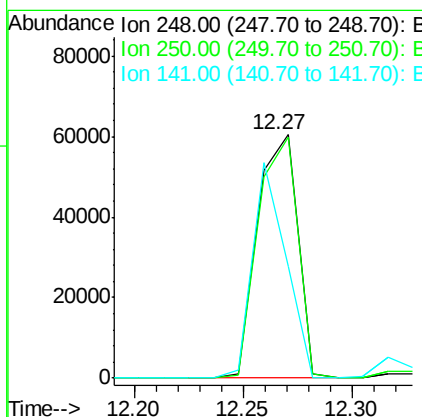
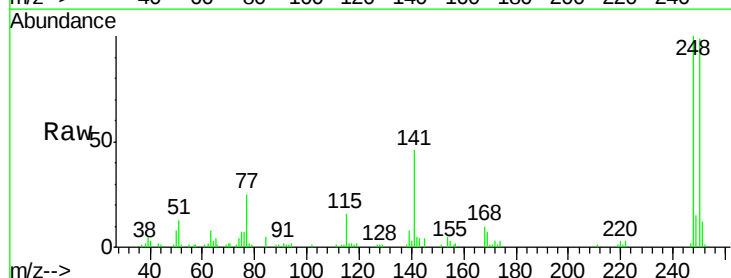
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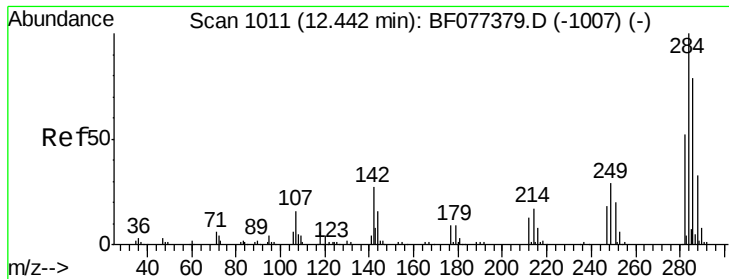
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#66
 4-Bromophenyl-phenylether
 Concen: 29.11 ng
 RT: 12.27 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	78335		
250	99.0	78.0	117.0	
141	46.1	54.1	81.1	





#67

Hexachlorobenzene

Concen: 29.06 ng

RT: 12.32 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF077599.D

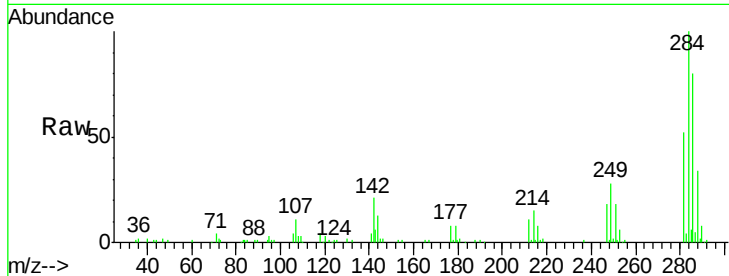
Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

ClientSampleId :

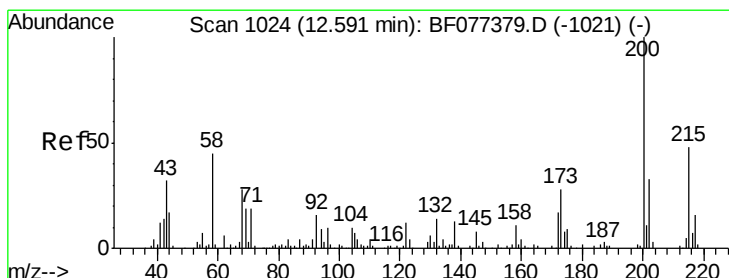
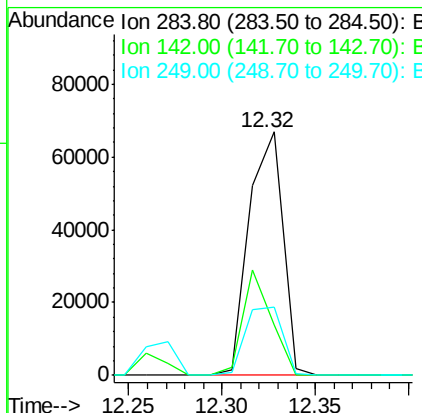
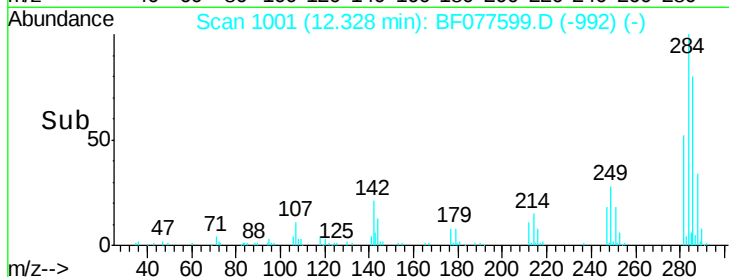
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Tgt Ion:	284	Resp:	83937
Ion Ratio	Lower	Upper	
284	100		
142	20.7	31.6	47.4#
249	27.9	27.0	40.4

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#68

Atrazine

Concen: 31.08 ng

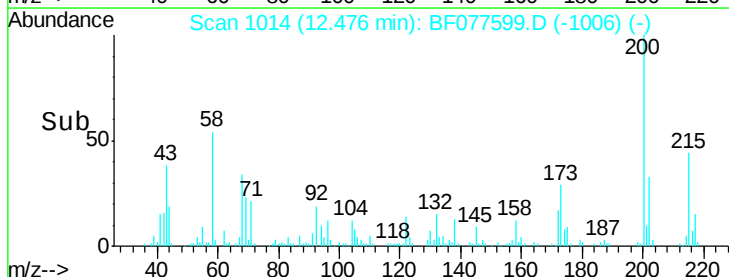
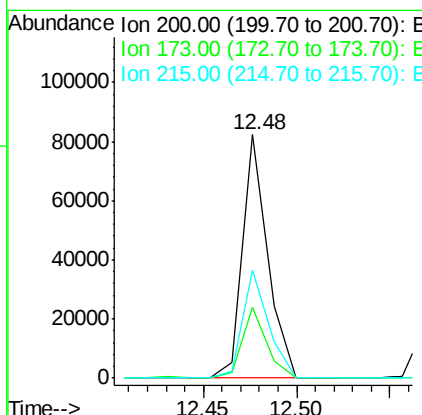
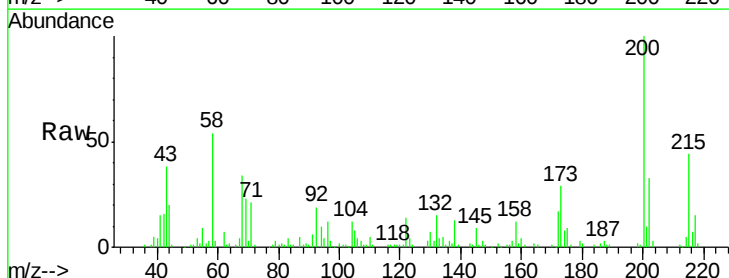
RT: 12.48 min Scan# 1014

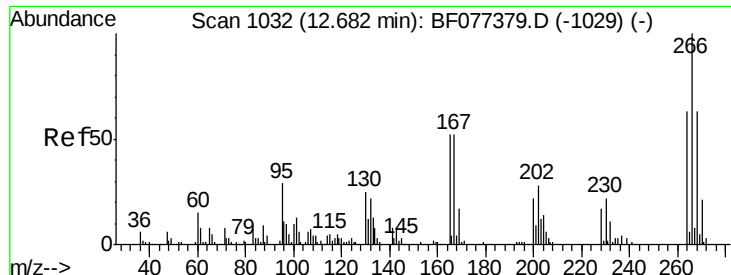
Delta R.T. -0.01 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion:	200	Resp:	77059
Ion Ratio	Lower	Upper	
200	100		
173	29.3	9.6	49.6
215	44.2	24.4	64.4





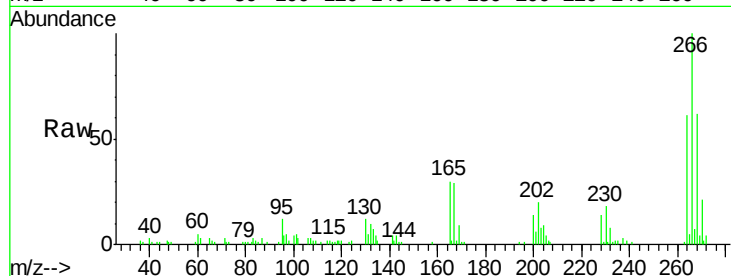
#69
 Pentachlorophenol
 Concen: 58.41 ng
 RT: 12.57 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

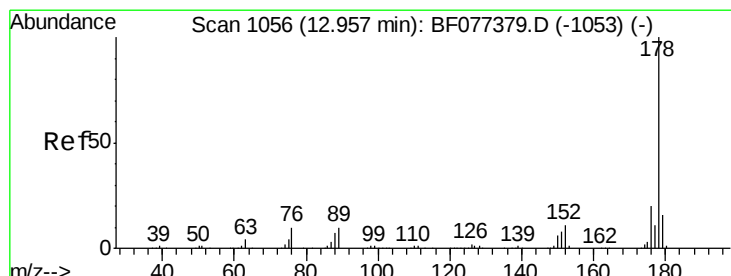
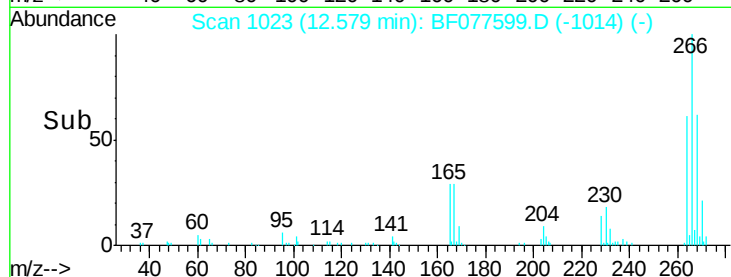
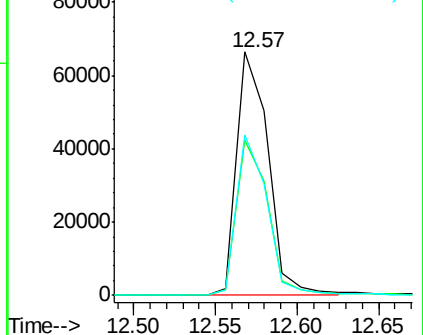
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	88668		
268	62.1	51.2	76.8	
264	60.5	50.7	76.1	

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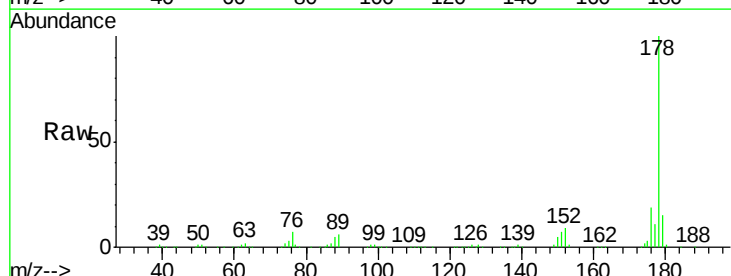


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

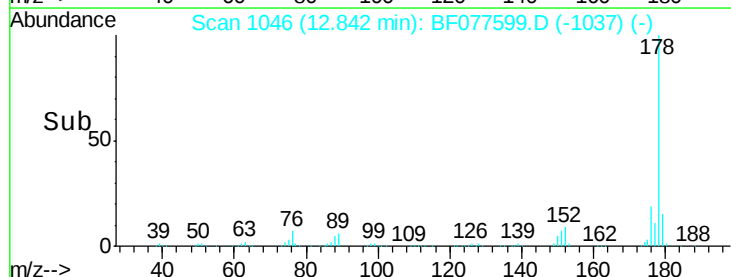
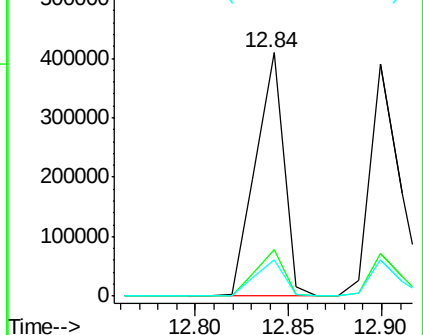


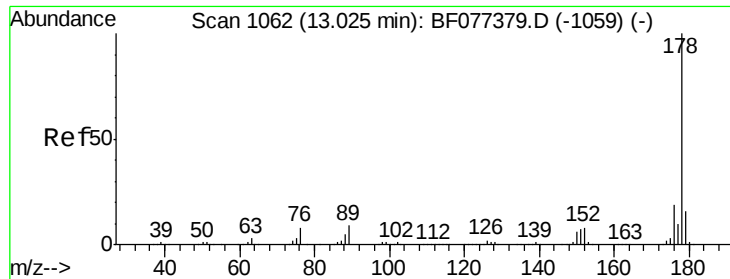
#70
 Phenanthrene
 Concen: 32.20 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	428866		
176	19.3	15.5	23.3	
179	15.1	12.2	18.2	



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





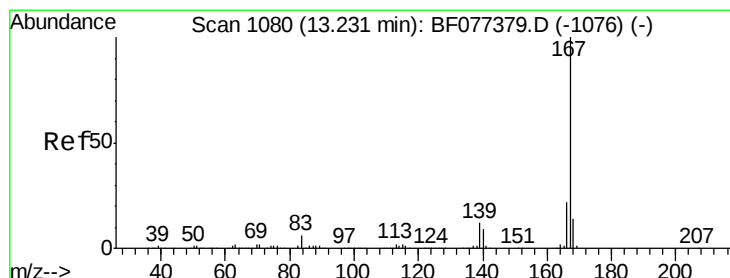
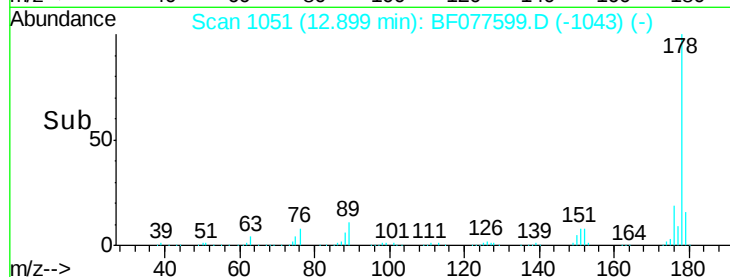
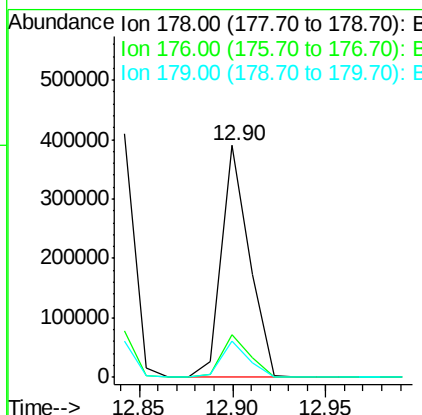
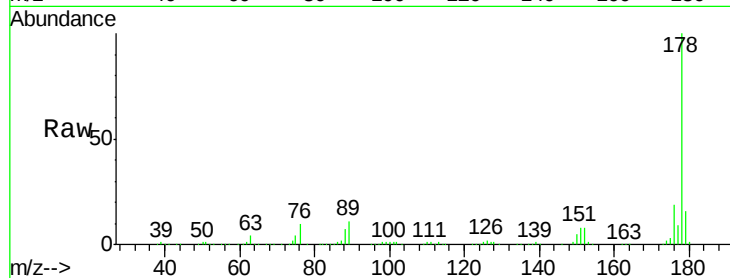
#71
 Anthracene
 Concen: 30.73 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.9	12.9	19.3

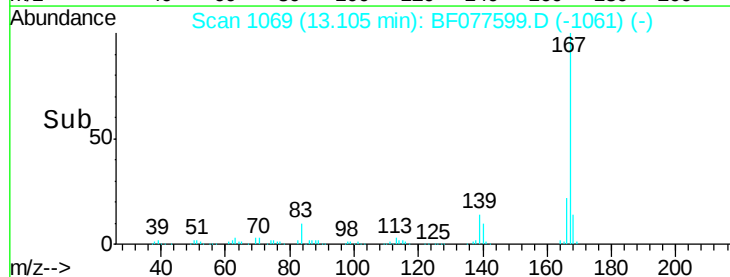
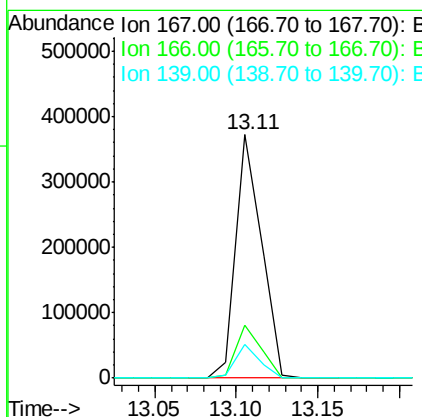
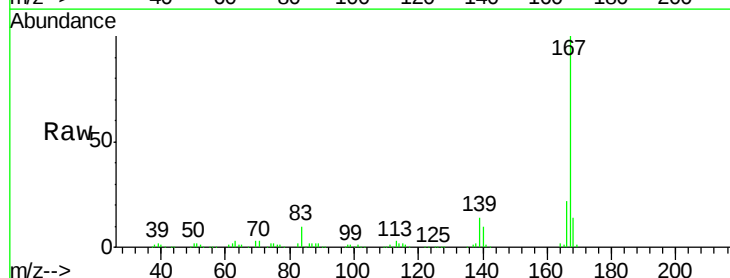
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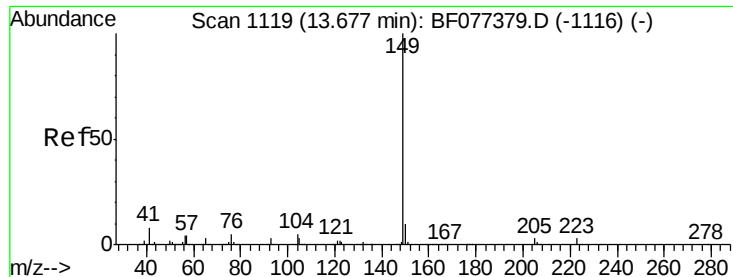
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#72
 Carbazole
 Concen: 32.17 ng
 RT: 13.11 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.9	9.9	14.9





#73

Di-n-butylphthalate

Concen: 30.59 ng

RT: 13.56 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

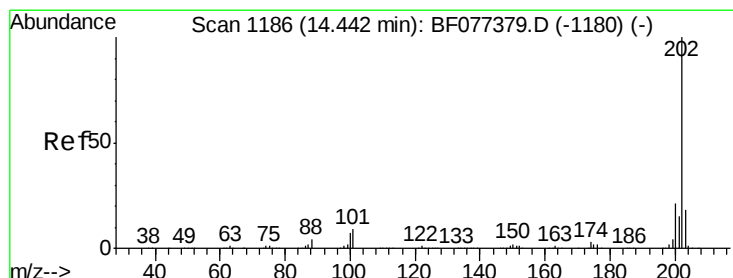
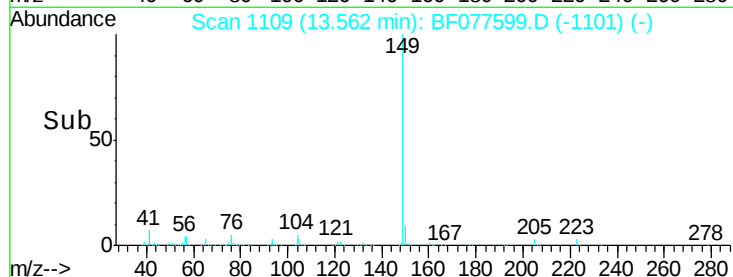
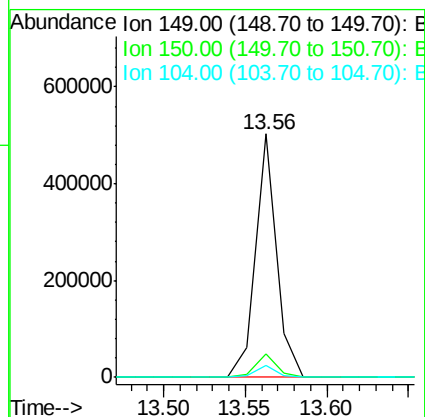
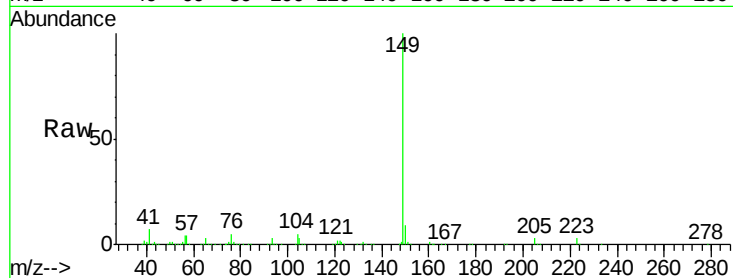
ClientSampleId :

FK-PS-01-013MS

Tgt	Ion	149	Resp	451503
	Ratio	100	Lower	Upper
	149	100		
	150	9.4	7.8	11.8
	104	4.9	4.1	6.1

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#74

Fluoranthene

Concen: 32.02 ng

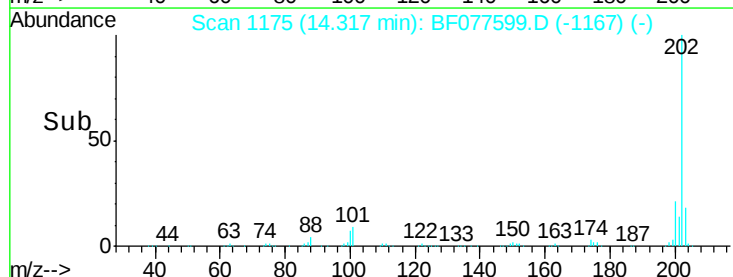
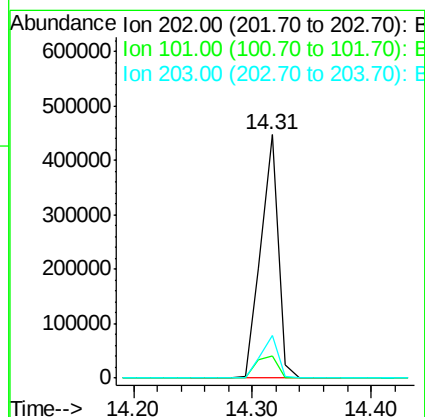
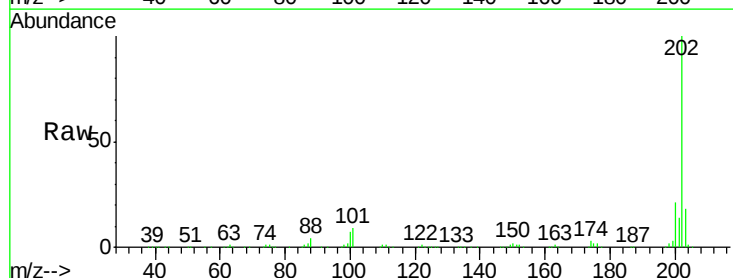
RT: 14.31 min Scan# 1175

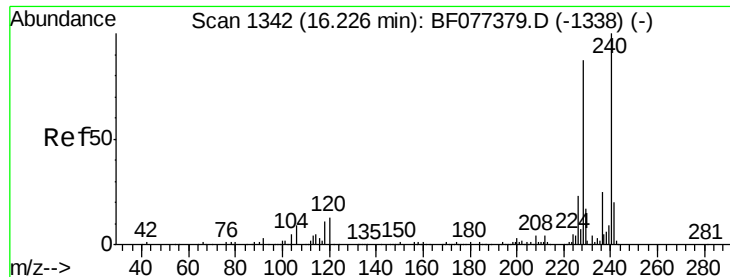
Delta R.T. -0.01 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt	Ion	202	Resp	465954
	Ratio	100	Lower	Upper
	202	100		
	101	9.2	0.0	30.8
	203	17.6	0.0	37.7





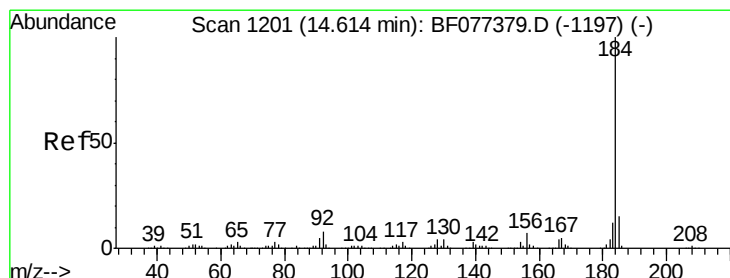
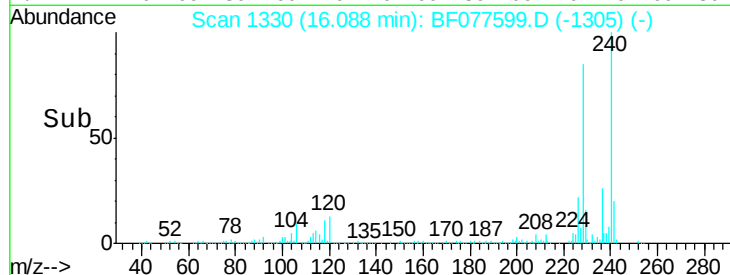
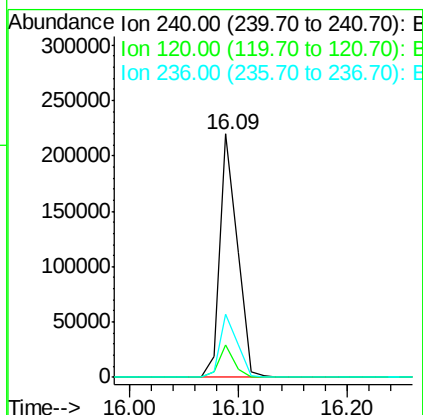
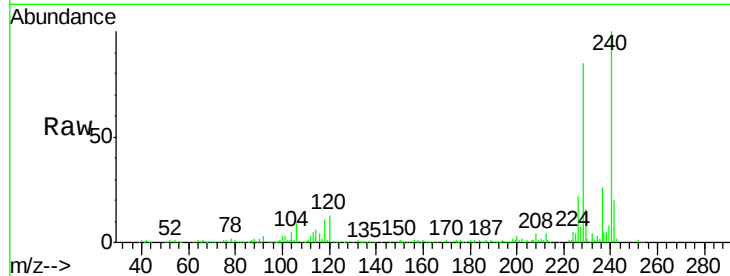
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.5	8.8	13.2#
236	26.1	20.7	31.1

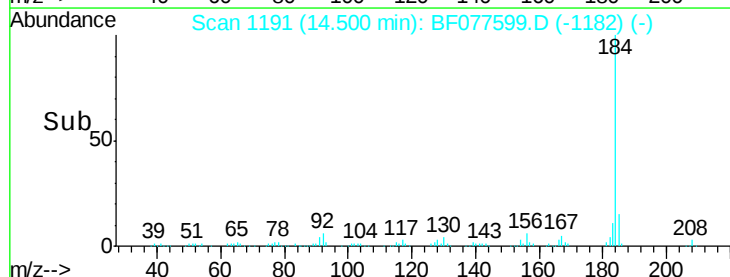
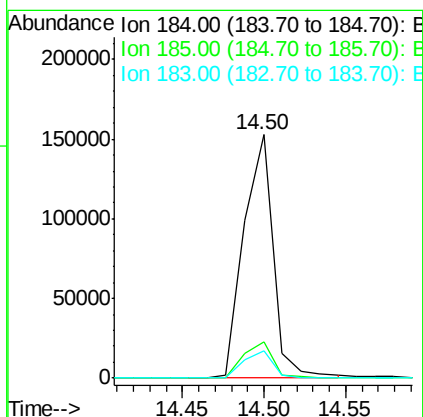
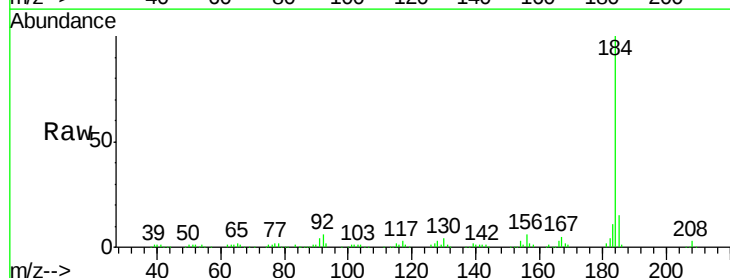
Manual Integrations
APPROVED

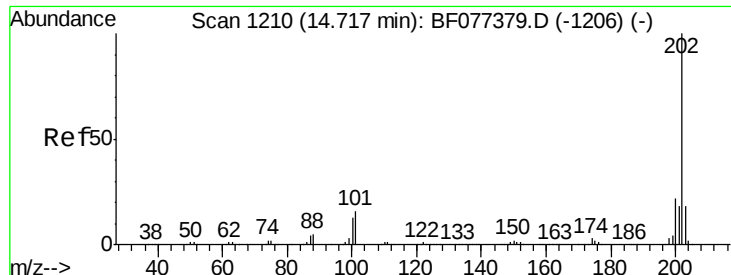
mohammad
3/5/2015 12:48:04 PM



#76
Benzidine
Concen: 22.84 ng
RT: 14.50 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.8	12.6	18.8
183	11.4	9.3	13.9





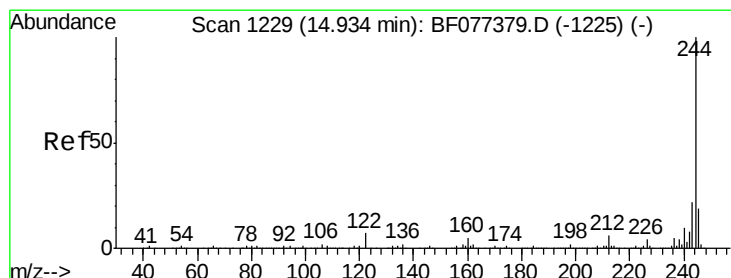
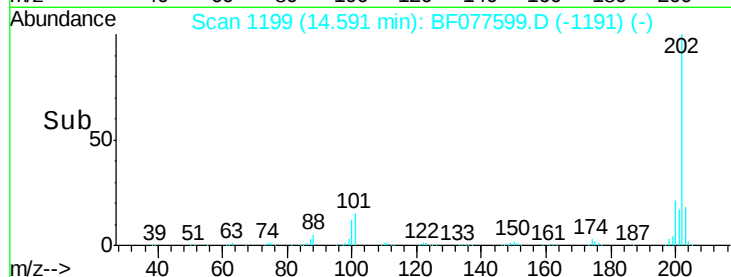
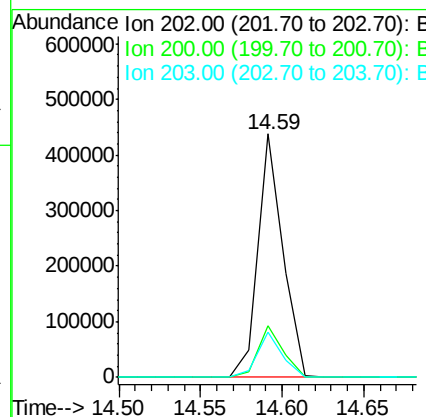
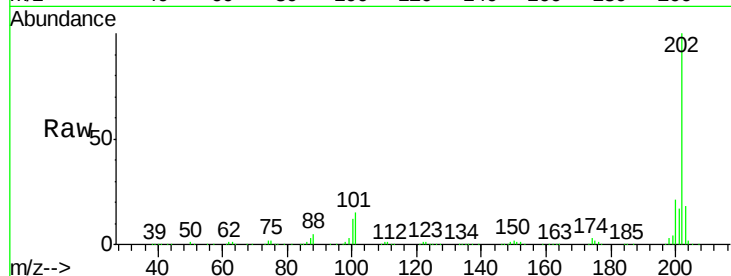
#77
 Pyrene
 Concen: 30.84 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	17.1	25.7
203	18.4	14.2	21.2

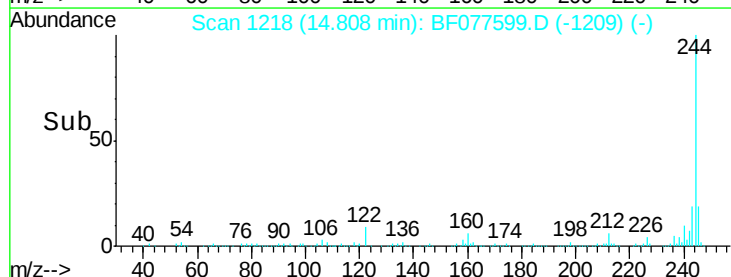
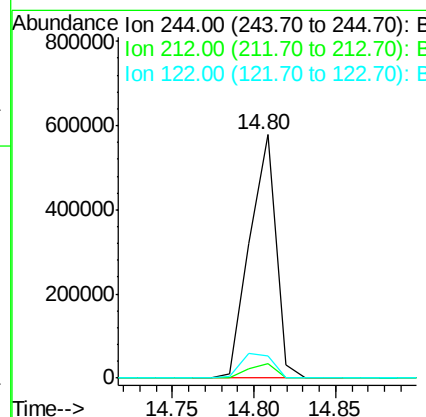
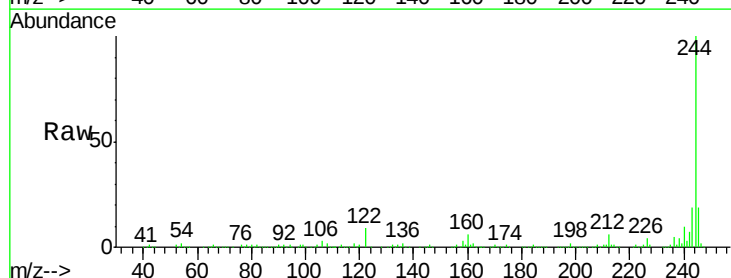
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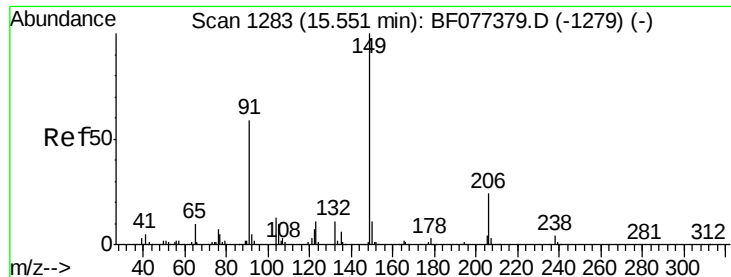
mohammad
 3/5/2015 12:48:04 PM



#78
 Terphenyl-d14
 Concen: 61.34 ng
 RT: 14.80 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.2	5.2	7.8
122	9.0	7.8	11.8





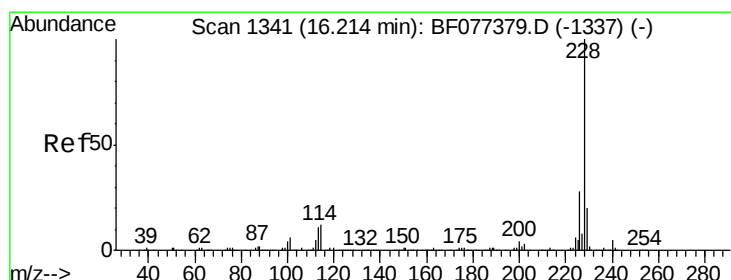
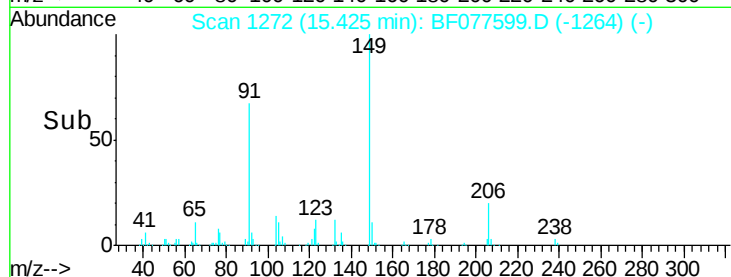
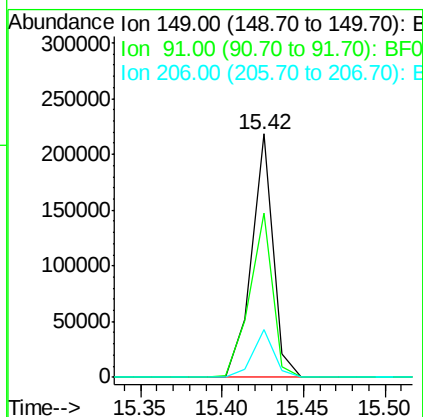
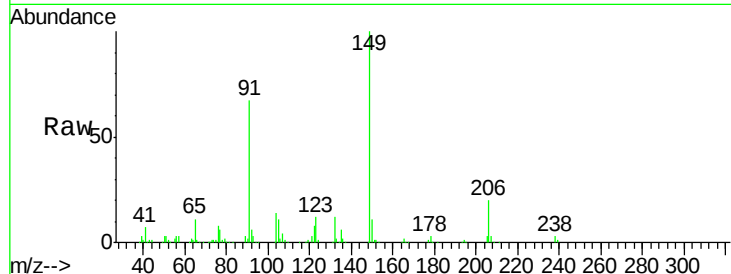
#79
Butylbenzylphthalate
Concen: 32.36 ng
RT: 15.42 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt	Ion	Resp	Lower	Upper
149	100			
91	67.5	51.2	76.8	
206	19.7	17.8	26.8	

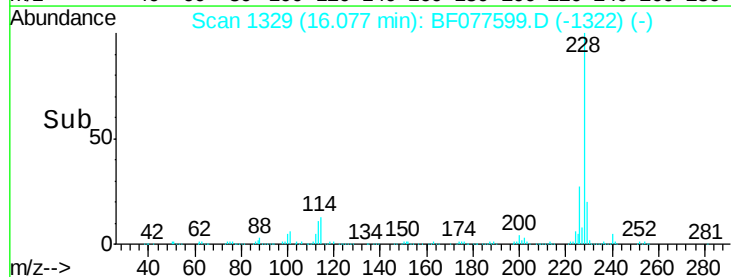
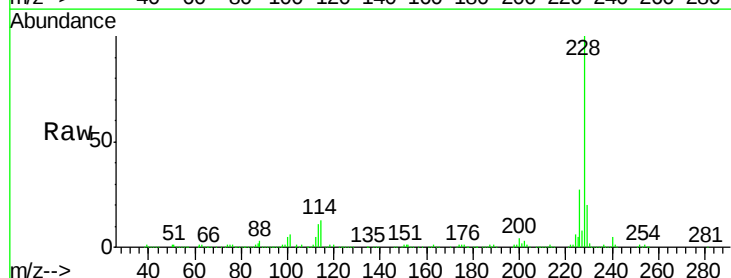
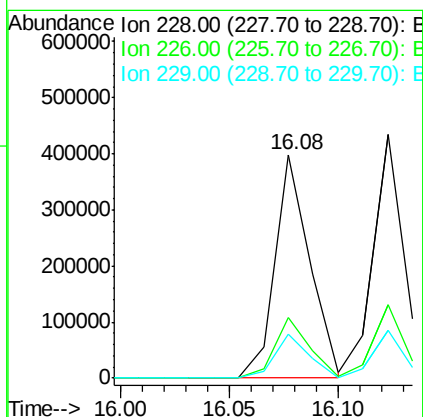
Manual Integrations
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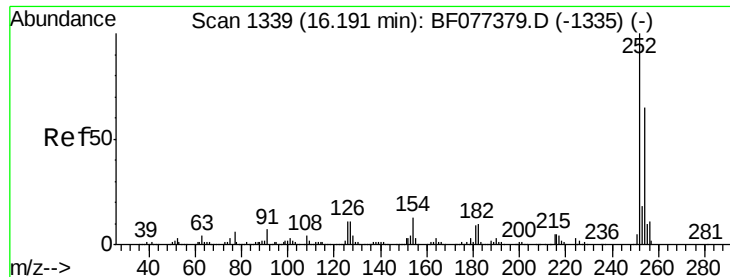
mohammad
3/5/2015 12:48:04 PM



#80
Benzo(a)anthracene
Concen: 30.80 ng
RT: 16.08 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt	Ion	Resp	Lower	Upper
228	100			
226	27.2	22.0	33.0	
229	19.6	15.8	23.8	





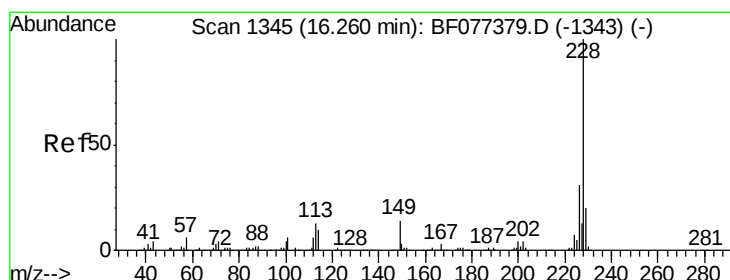
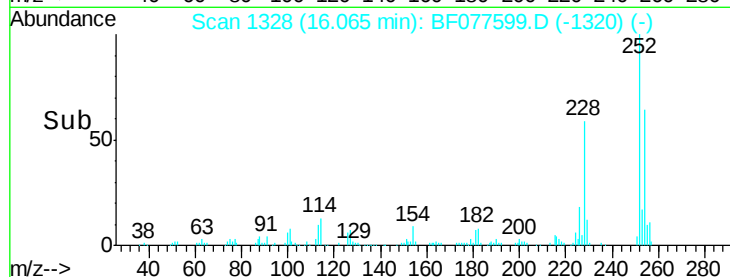
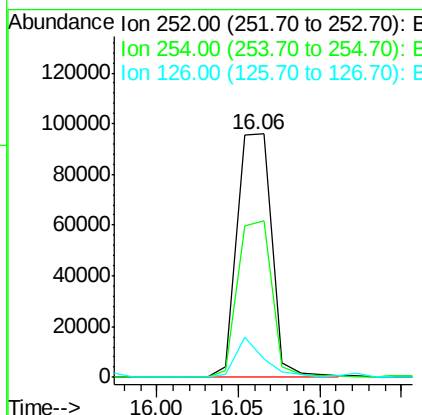
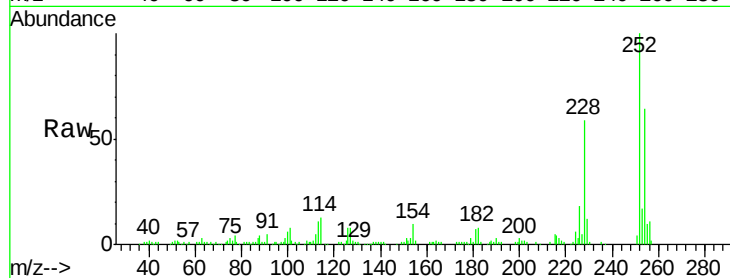
#81
 3,3'-Dichlorobenzidine
 Concen: 26.52 ng
 RT: 16.06 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	52.9	79.3
126	7.6	7.3	10.9

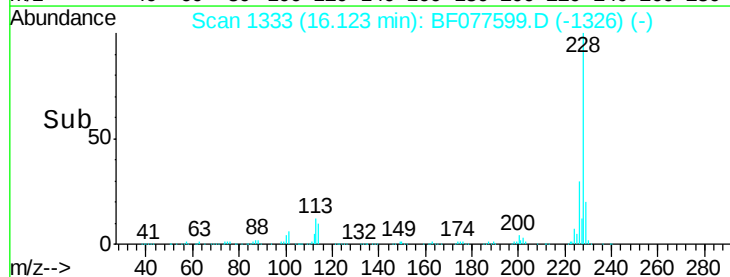
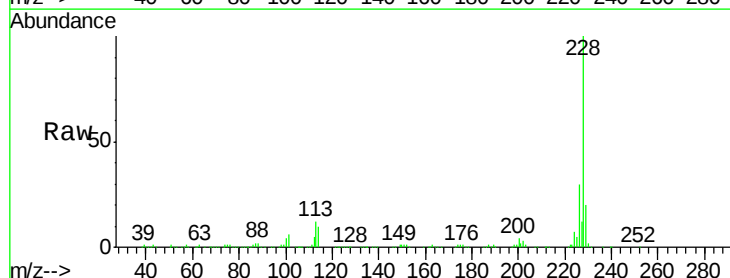
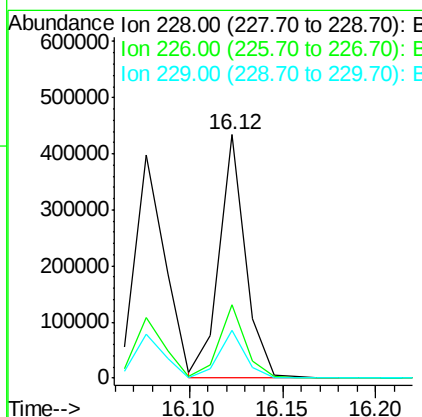
Manual Integrations
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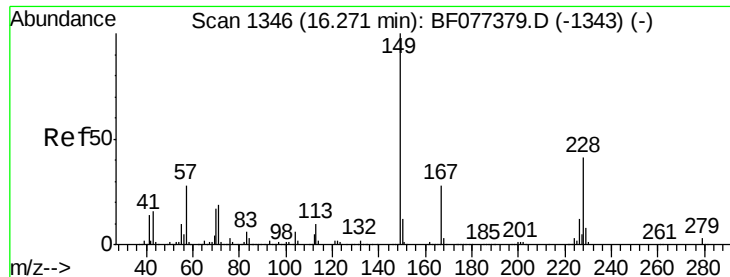
mohammad
 3/5/2015 12:48:04 PM



#82
 Chrysene
 Concen: 31.32 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.8	16.4	24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.19 ng

RT: 16.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Instrument :

BNA_F

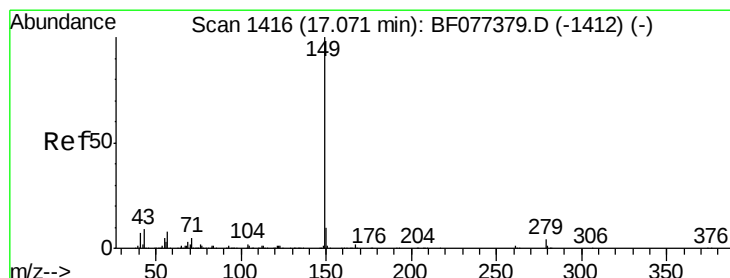
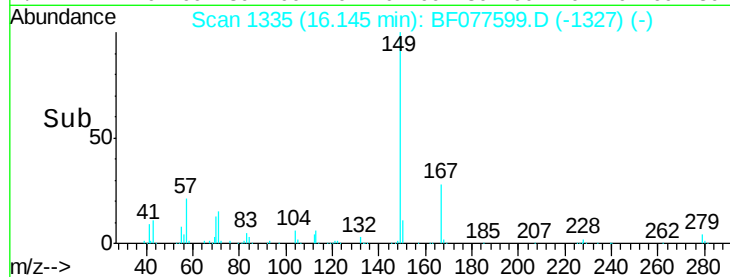
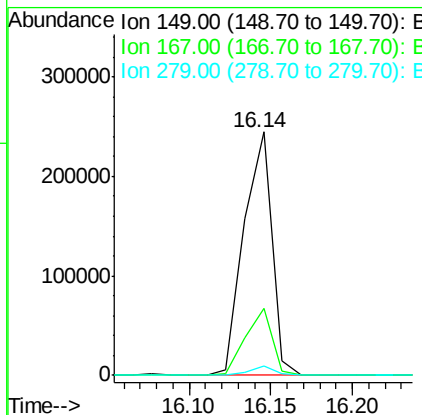
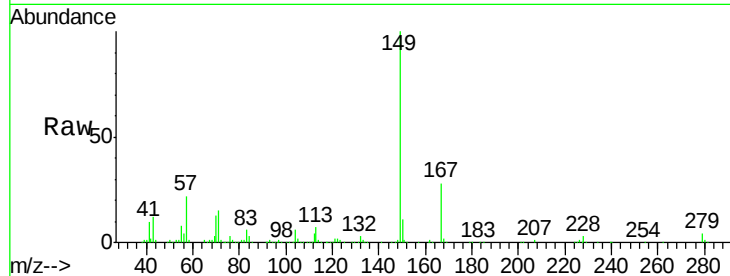
ClientSampleId :

FK-PS-01-013MS

Tgt Ion:	149	Resp:	291233
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.8	34.2
279	4.0	3.8	5.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 29.58 ng

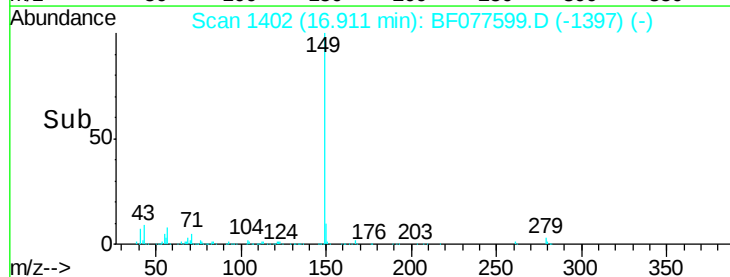
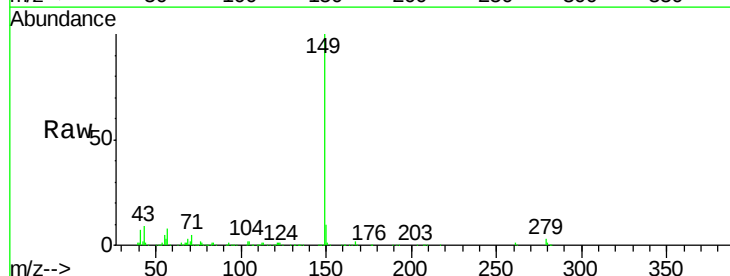
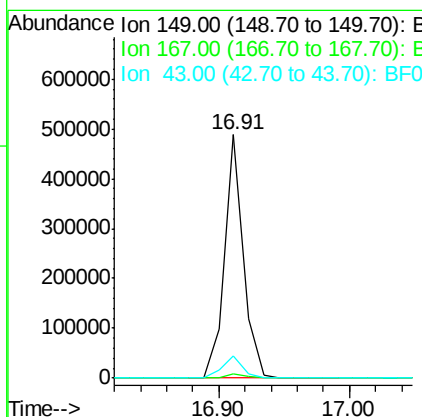
RT: 16.91 min Scan# 1402

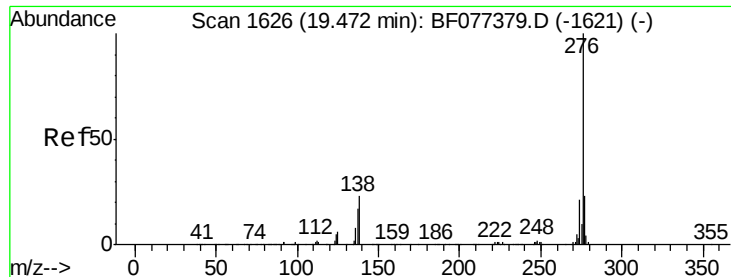
Delta R.T. -0.04 min

Lab File: BF077599.D

Acq: 5 Mar 2015 2:07

Tgt Ion:	149	Resp:	492787
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.4	8.1	12.1





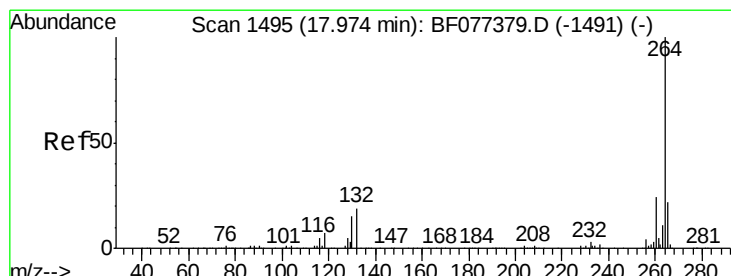
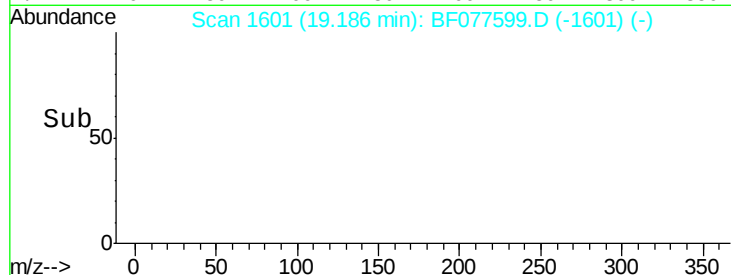
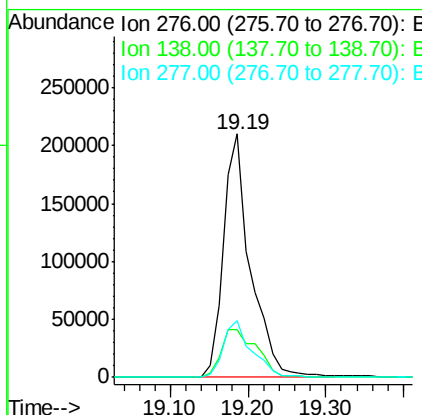
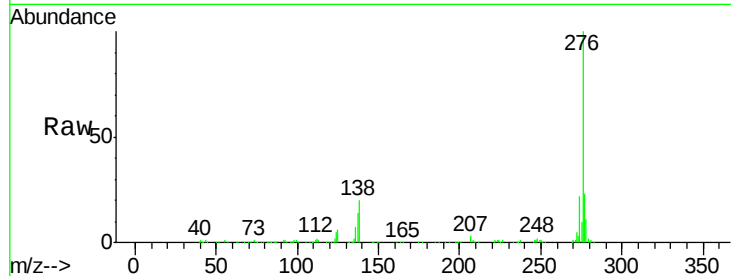
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.49 ng m
RT: 19.19 min Scan# 1601
Delta R.T. -0.10 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		504079		
138	0.0	21.2	31.8#		
277	0.0	20.0	30.0#		

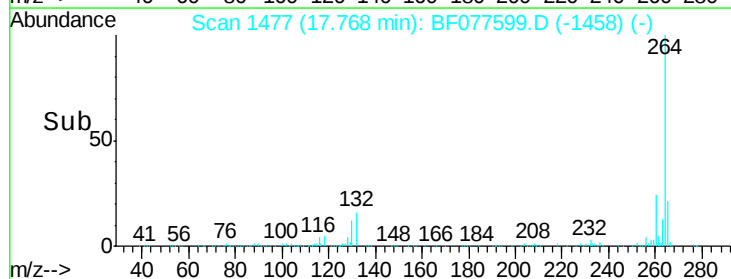
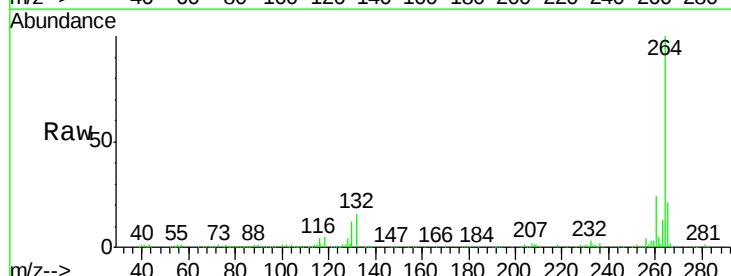
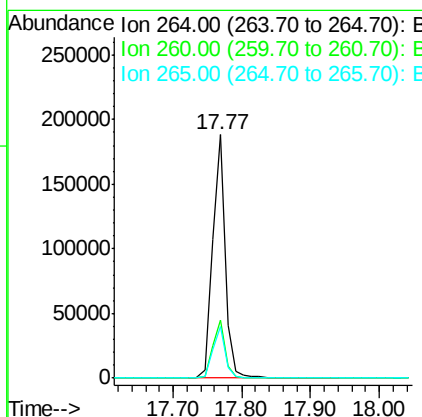
Manual Integrations
APPROVED

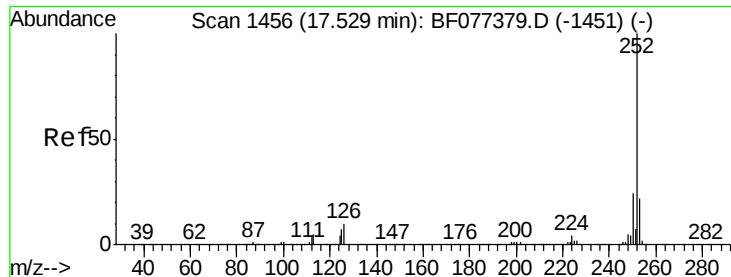
mohammad
3/5/2015 12:48:04 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1477
Delta R.T. -0.08 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		243679		
260	24.0	19.3	28.9		
265	21.2	16.8	25.2		





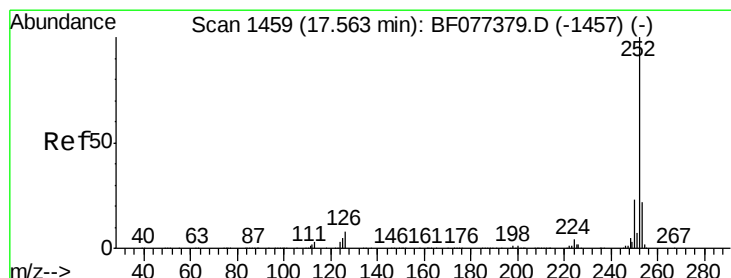
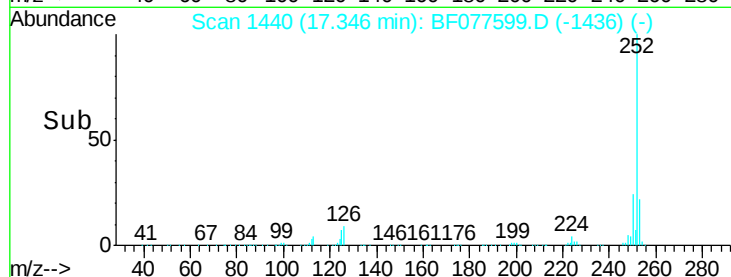
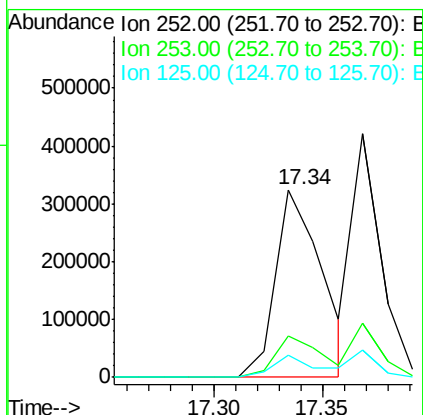
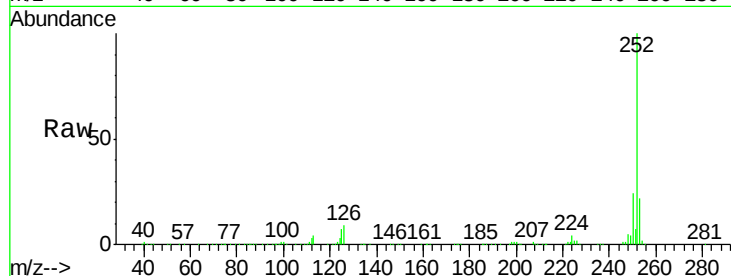
#87
Benzo(b)fluoranthene
Concen: 34.19 ng
RT: 17.34 min Scan# 1440
Delta R.T. -0.06 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.7	5.4	8.2

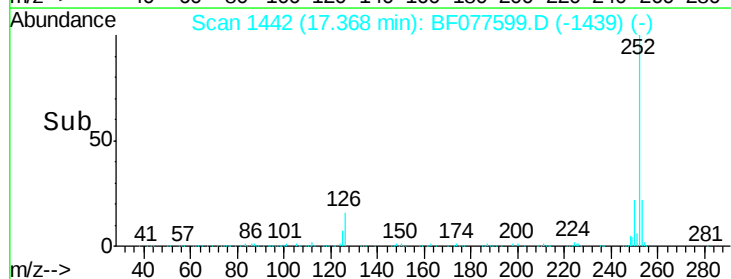
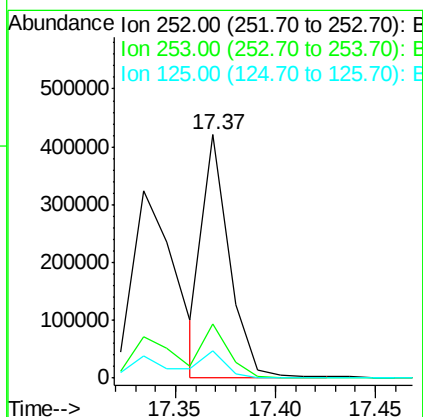
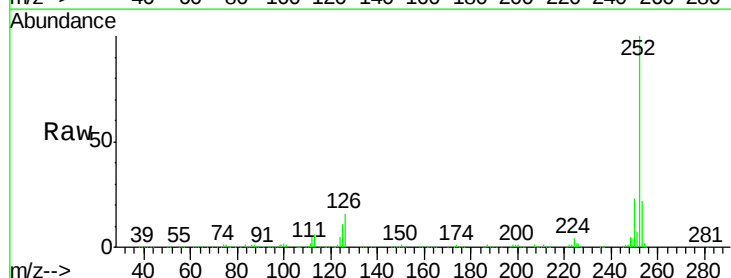
Manual Integrations
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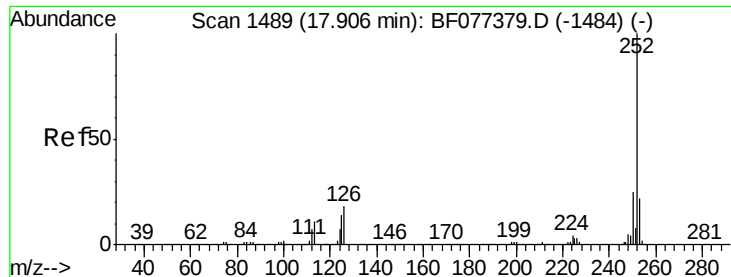
mohammad
3/5/2015 12:48:04 PM



#88
Benzo(k)fluoranthene
Concen: 28.40 ng m
RT: 17.37 min Scan# 1442
Delta R.T. -0.07 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.0	10.1	15.1





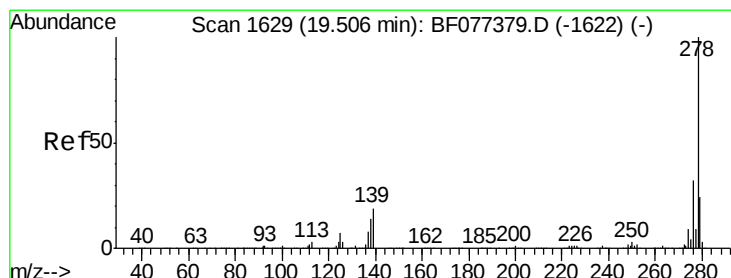
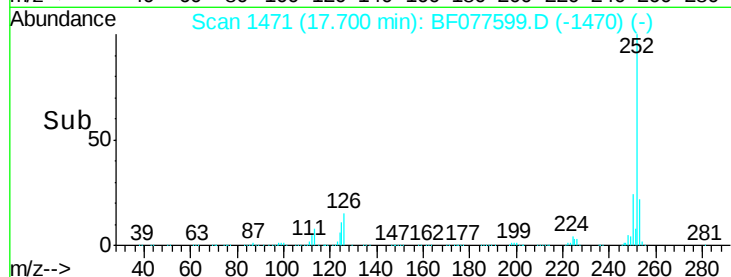
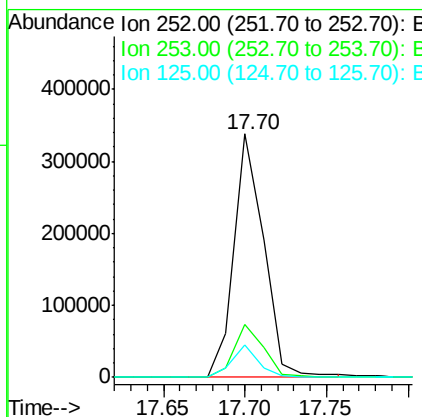
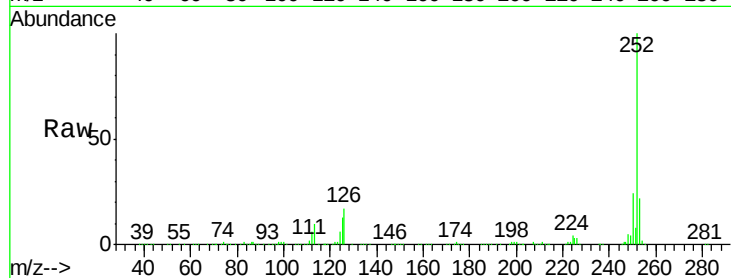
#89
Benzo(a)pyrene
Concen: 31.70 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.08 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	13.2	8.3	12.5#

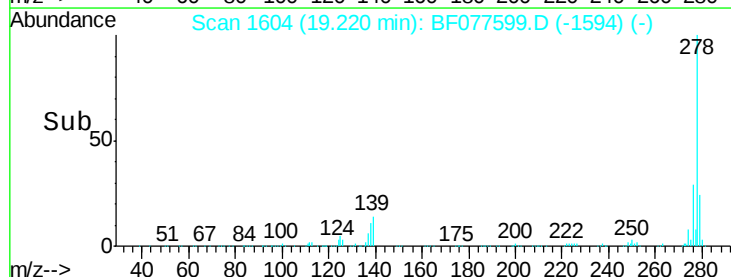
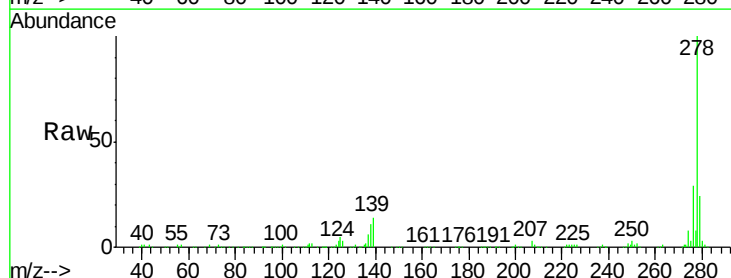
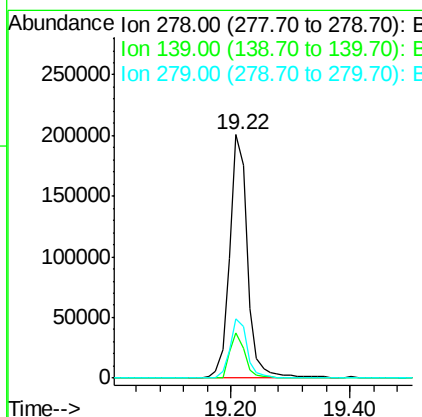
Manual Integrations
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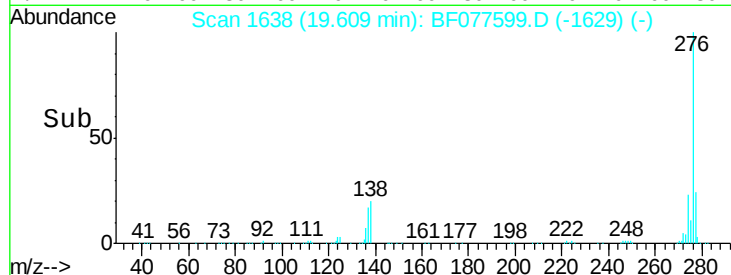
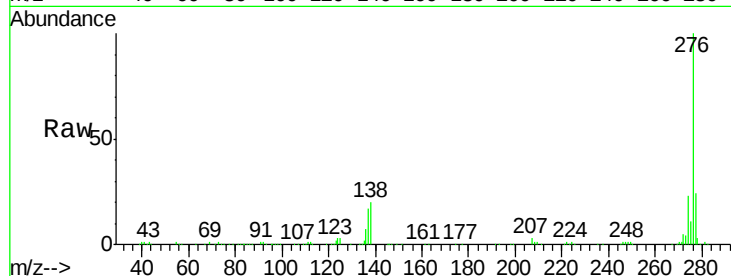
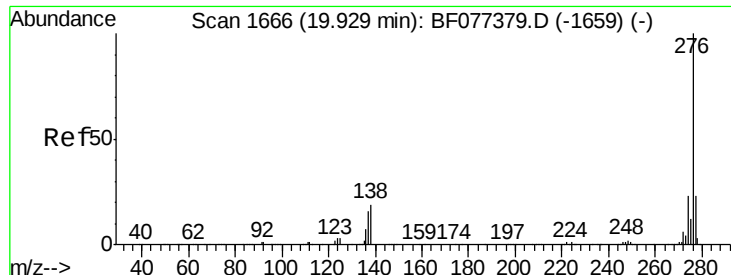
mohammad
3/5/2015 12:48:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.45 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.10 min
Lab File: BF077599.D
Acq: 5 Mar 2015 2:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	14.3	21.5#
279	24.4	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 32.51 ng
 RT: 19.60 min Scan# 1638
 Delta R.T. -0.10 min
 Lab File: BF077599.D
 Acq: 5 Mar 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	18.9	28.3
138	19.7	20.5	30.7

Manual Integrations
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