

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077912.D
 Acq On : 24 Mar 2015 14:13
 Operator : TP/IZ
 Sample : PB82277BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Manual Integrations
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mohammad
 3/25/2015 5:01:03 PM

Quant Time: Mar 25 01:27:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	38318	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	158854	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	79779	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	157806	20.00	ng	0.00
75) Chrysene-d12	15.97	240	174032	20.00	ng	0.00
86) Perylene-d12	17.72	264	166219	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	294668	134.23	ng	0.00
7) Phenol-d6	6.69	99	363851	134.15	ng	0.00
23) Nitrobenzene-d5	7.81	82	215231	88.82	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	91787	120.25	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	474779	87.46	ng	0.00
78) Terphenyl-d14	14.69	244	564533	79.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	36994	37.12	ng	# 100
3) Pyridine	2.67	79	104497	39.02	ng	97
4) n-Nitrosodimethylamine	2.61	42	48281	41.41	ng	# 97
6) Aniline	6.70	93	64030	16.50	ng	# 2
8) 2-Chlorophenol	6.85	128	113820	43.56	ng	90
9) Benzaldehyde	6.57	77	5260	4.73	ng	89
10) Phenol	6.70	94	132164	41.22	ng	99
11) bis(2-Chloroethyl)ether	6.81	93	103148	42.95	ng	90
12) 1,3-Dichlorobenzene	7.04	146	116308	40.02	ng	96
13) 1,4-Dichlorobenzene	7.14	146	121091	40.10	ng	98
14) 1,2-Dichlorobenzene	7.32	146	114374	41.31	ng	97
15) Benzyl Alcohol	7.31	79	85867	40.56	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.48	45	136007	42.03	ng	98
17) 2-Methylphenol	7.46	107	90421	42.51	ng	98
18) Hexachloroethane	7.73	117	40854	41.25	ng	94
19) n-Nitroso-di-n-propylamine	7.64	70	76259	40.64	ng	# 94
20) 3+4-Methylphenols	7.65	107	117601	42.13	ng	99
22) Acetophenone	7.63	105	155238	44.14	ng	# 93
24) Nitrobenzene	7.84	77	114826	43.98	ng	# 86
25) Isophorone	8.13	82	200325	40.93	ng	94
26) 2-Nitrophenol	8.22	139	49910	39.05	ng	# 83
27) 2,4-Dimethylphenol	8.30	122	103444	44.42	ng	99
28) bis(2-Chloroethoxy)methane	8.42	93	133513	44.95	ng	99
29) 2,4-Dichlorophenol	8.53	162	95002	42.80	ng	96
30) 1,2,4-Trichlorobenzene	8.62	180	97085	39.09	ng	98
31) Naphthalene	8.72	128	321921	39.46	ng	99
32) Benzoic acid	8.42	122	36172	29.15	ng	96
33) 4-Chloroaniline	8.80	127	54695	16.52	ng	# 92
34) Hexachlorobutadiene	8.88	225	55650	39.54	ng	98
35) Caprolactam	9.23	113	28710	44.26	ng	# 79
36) 4-Chloro-3-methylphenol	9.41	107	97232	43.54	ng	87
37) 2-Methylnaphthalene	9.57	142	223836	40.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	94223	39.60	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	89652	75.45	ng	97

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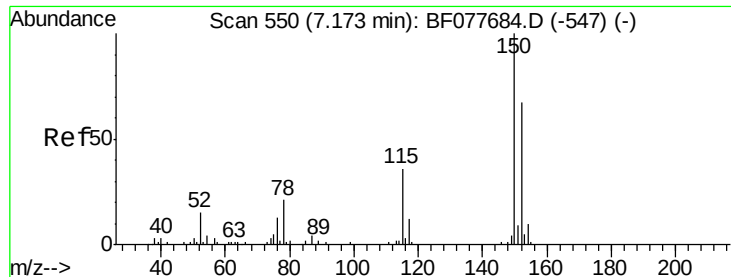
Manual Integrations
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 3/25/2015 5:01:03 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	63064	38.26	ng	97
43) 2,4,5-Trichlorophenol	9.98	196	71958	40.41	ng	# 95
45) 1,1'-Biphenyl	10.16	154	261888	41.06	ng	97
46) 2-Chloronaphthalene	10.18	162	212585	41.02	ng	96
47) 2-Nitroaniline	10.32	65	57692	44.82	ng	97
48) Acenaphthylene	10.68	152	335513	38.93	ng	99
49) Dimethylphthalate	10.56	163	252459	42.67	ng	99
50) 2,6-Dinitrotoluene	10.63	165	53503	43.62	ng	91
51) Acenaphthene	10.90	154	190990	38.65	ng	100
52) 3-Nitroaniline	10.82	138	31643	22.21	ng	# 69
53) 2,4-Dinitrophenol	10.96	184	34106	76.12	ng	98
54) Dibenzofuran	11.12	168	300088	40.94	ng	95
55) 4-Nitrophenol	11.06	139	82756	78.43	ng	96
56) 2,4-Dinitrotoluene	11.12	165	70239	43.92	ng	96
57) Fluorene	11.54	166	245665	40.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	58700	42.81	ng	# 100
59) Diethylphthalate	11.43	149	232716	40.36	ng	95
60) 4-Chlorophenyl-phenylether	11.55	204	110062	39.63	ng	92
61) 4-Nitroaniline	11.57	138	54151	38.14	ng	72
62) Azobenzene	11.75	77	226097	41.03	ng	94
64) 4,6-Dinitro-2-methylphenol	11.62	198	28867	39.57	ng	80
65) n-Nitrosodiphenylamine	11.70	169	208636	39.71	ng	99
66) 4-Bromophenyl-phenylether	12.16	248	69109	41.04	ng	# 92
67) Hexachlorobenzene	12.21	284	74105	40.05	ng	98
68) Atrazine	12.37	200	63133	42.87	ng	93
69) Pentachlorophenol	12.47	266	71103	73.62	ng	97
70) Phenanthrene	12.73	178	376105	41.52	ng	100
71) Anthracene	12.79	178	368435	41.16	ng	99
72) Carbazole	13.00	167	372574	43.76	ng	98
73) Di-n-butylphthalate	13.46	149	387641	40.61	ng	98
74) Fluoranthene	14.20	202	412037	41.24	ng	99
76) Benzidine	14.39	184	154353	35.81	ng	99
77) Pyrene	14.48	202	439758	40.18	ng	100
79) Butylbenzylphthalate	15.31	149	169945	39.39	ng	88
80) Benzo(a)anthracene	15.96	228	412032	39.94	ng	100
81) 3,3'-Dichlorobenzidine	15.95	252	79830	23.46	ng	# 97
82) Chrysene	16.01	228	401888	43.33	ng	99
83) Bis(2-ethylhexyl)phthalate	16.03	149	246404	37.70	ng	# 94
84) Di-n-octyl phthalate	16.83	149	422912	37.84	ng	100
85) Indeno(1,2,3-cd)pyrene	19.09	276	455869	39.37	ng	# 100
87) Benzo(b)fluoranthene	17.28	252	416935m	38.42	ng	
88) Benzo(k)fluoranthene	17.30	252	403325	47.58	ng	# 95
89) Benzo(a)pyrene	17.65	252	398485	44.01	ng	# 96
90) Dibenzo(a,h)anthracene	19.12	278	385254	42.90	ng	98
91) Benzo(g,h,i)perylene	19.49	276	386211	42.24	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

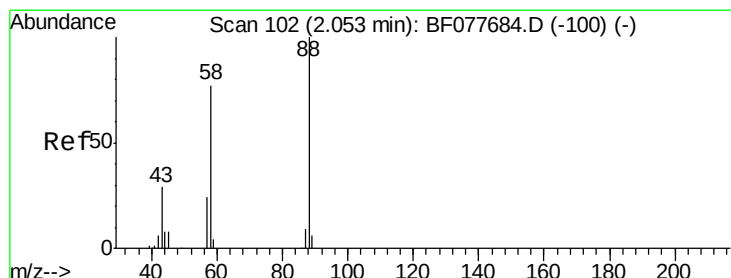
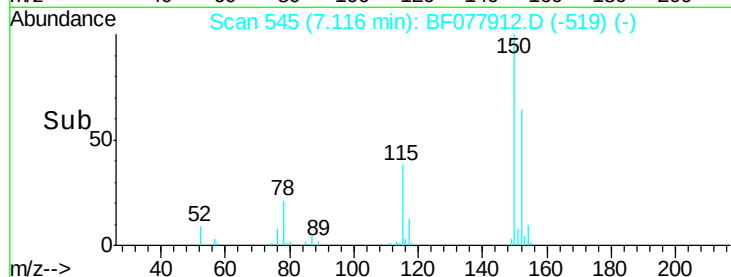
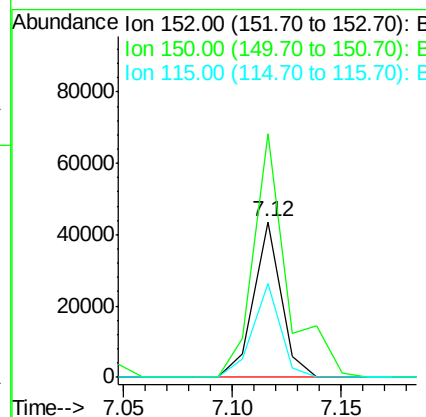
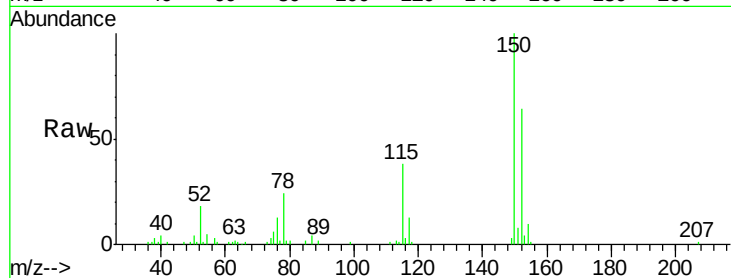
ClientSampleId :

PB82277BS

Tgt Ion:	152	Resp:	38318
Ion Ratio	Lower	Upper	
152	100		
150	156.6	119.5	179.3
115	60.0	43.0	64.4

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#2

1,4-Dioxane

Concen: 37.12 ng

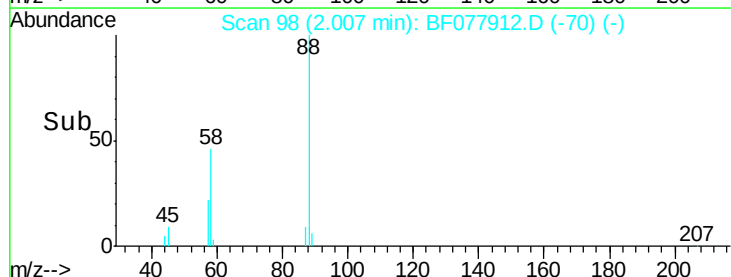
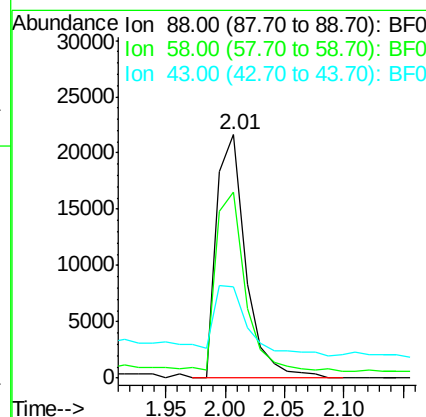
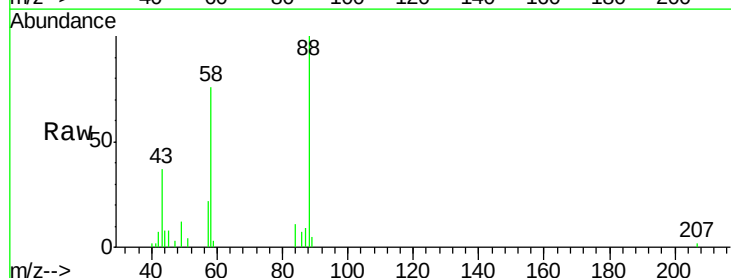
RT: 2.01 min Scan# 98

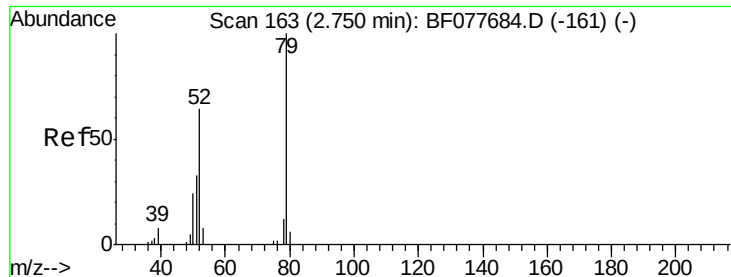
Delta R.T. 0.02 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	88	Resp:	36994
Ion Ratio	Lower	Upper	
88	100		
58	74.4	0.0	0.0#
43	35.6	0.0	0.0#





#3

Pyridine

Concen: 39.02 ng

RT: 2.67 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

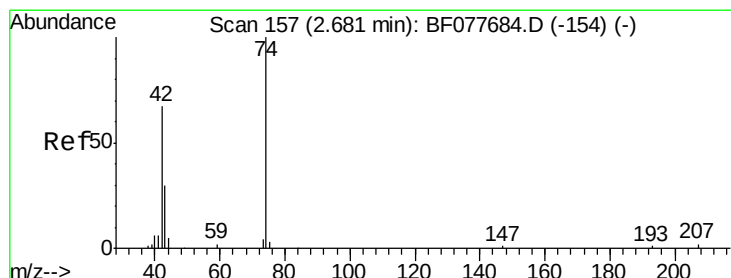
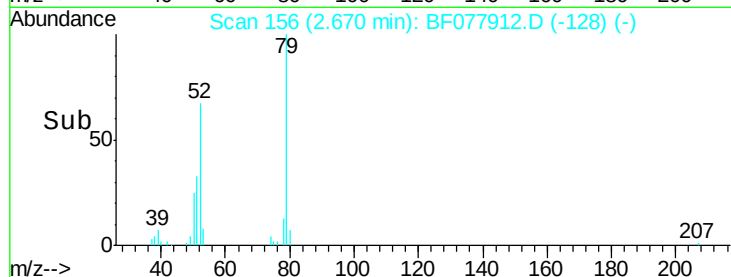
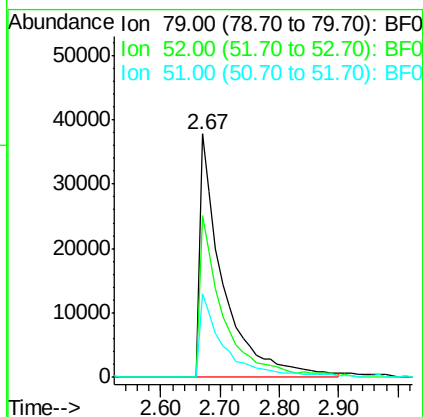
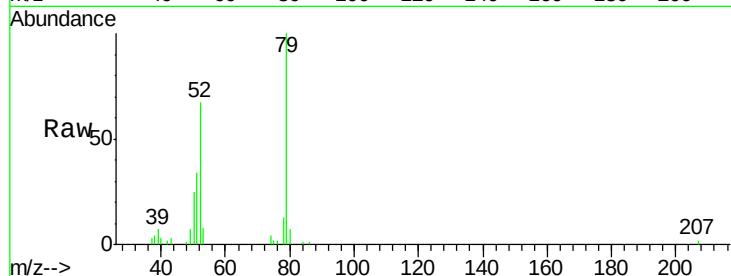
ClientSampleId :

PB82277BS

Tgt Ion:	79	Resp:	104497
Ion	Ratio	Lower	Upper
79	100		
52	66.7	51.1	76.7
51	34.2	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 41.41 ng

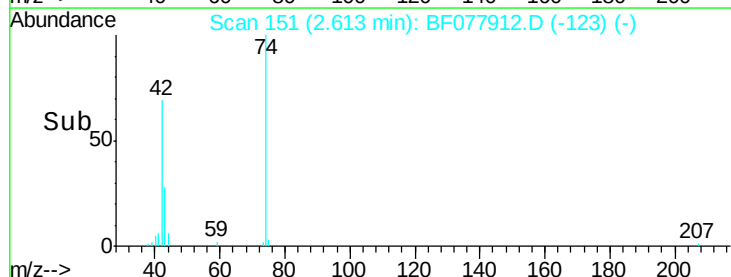
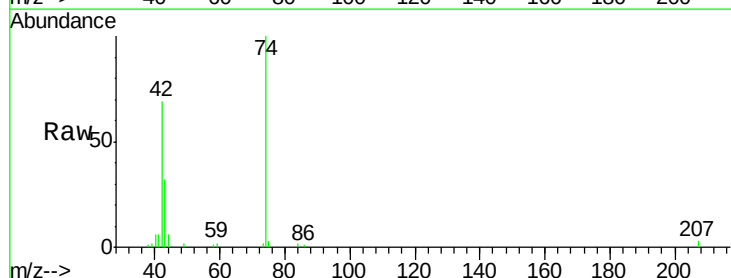
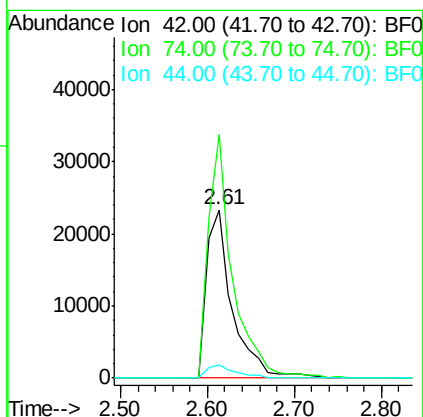
RT: 2.61 min Scan# 151

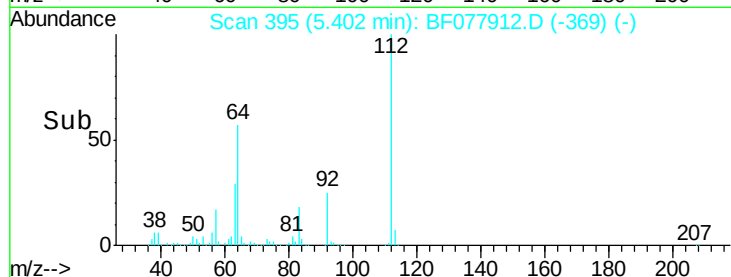
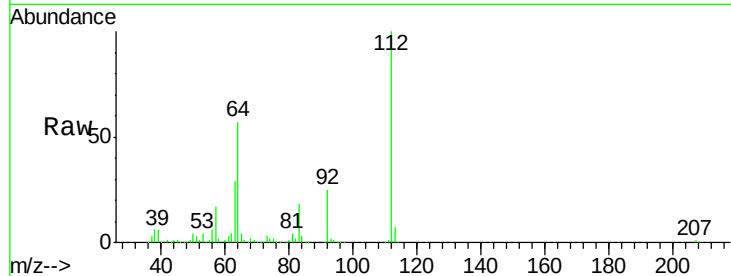
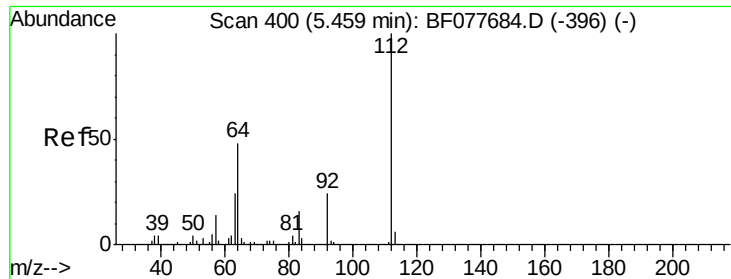
Delta R.T. 0.02 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	42	Resp:	48281
Ion	Ratio	Lower	Upper
42	100		
74	144.7	119.3	178.9
44	8.2	5.4	8.2#





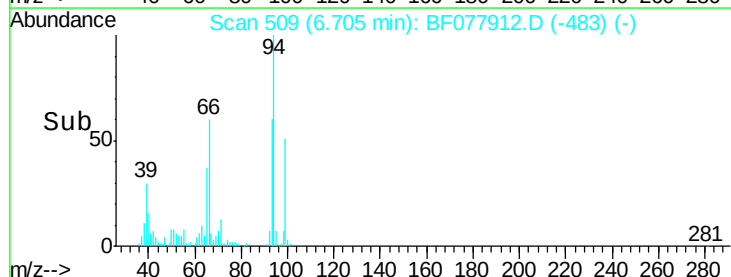
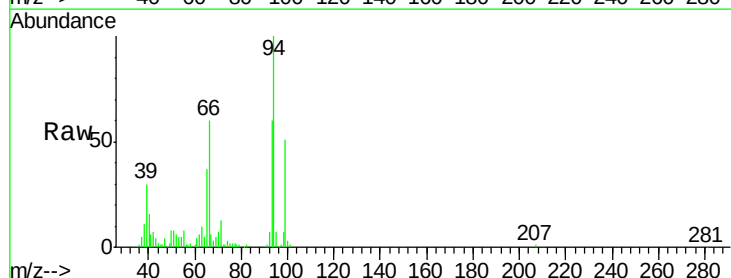
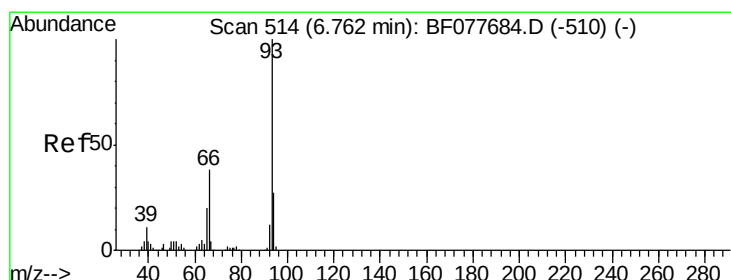
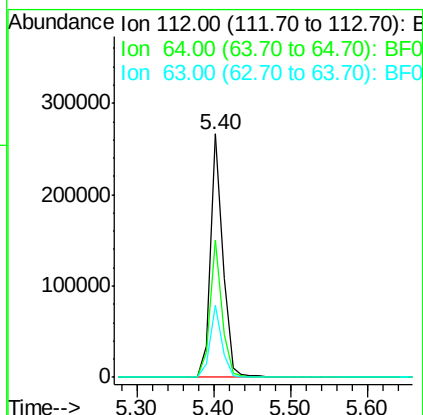
#5
2-Fluorophenol
Concen: 134.23 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp Lower	Upper
112	100		
64	56.5	38.6	57.8
63	29.5	19.3	28.9

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ClientSampleId :
PB82277BS

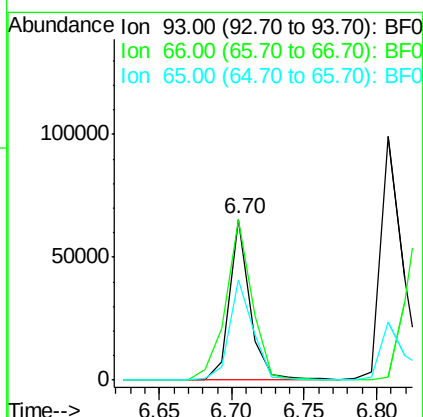
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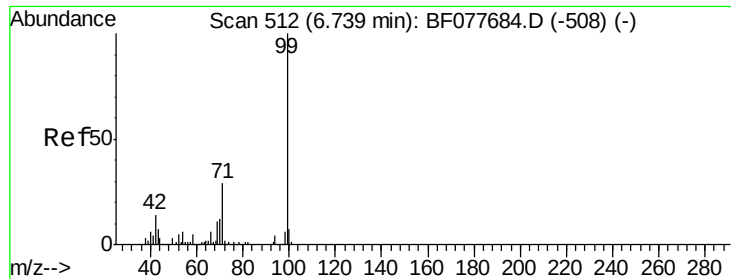
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#6
Aniline
Concen: 16.50 ng
RT: 6.70 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	99.5	30.8	46.2
65	62.4	16.0	24.0





#7

Phenol-d6

Concen: 134.15 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077912.D

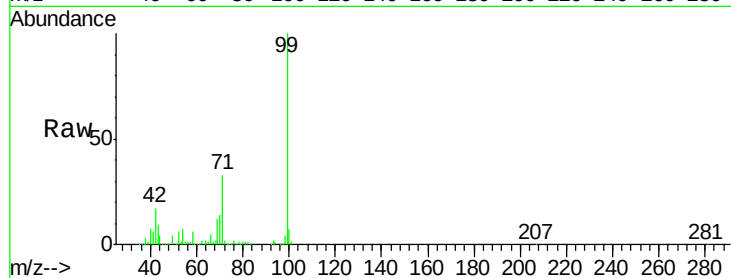
Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

ClientSampleId :

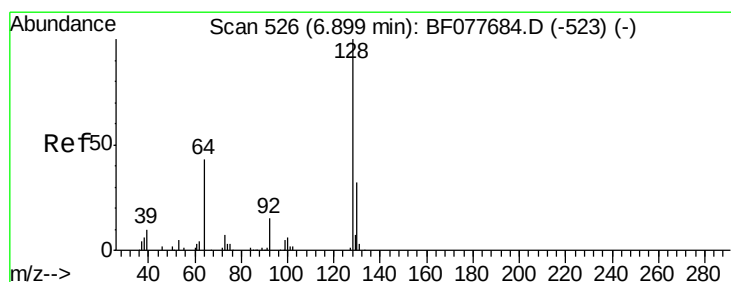
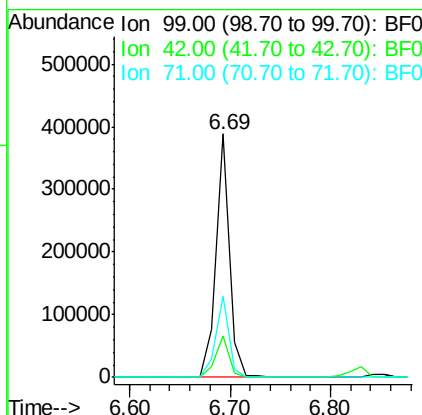
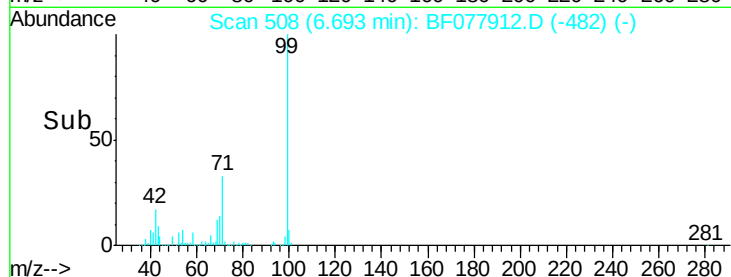
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		363851		
42	17.1	11.0	16.4#		
71	33.1	23.4	35.2		

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#8

2-Chlorophenol

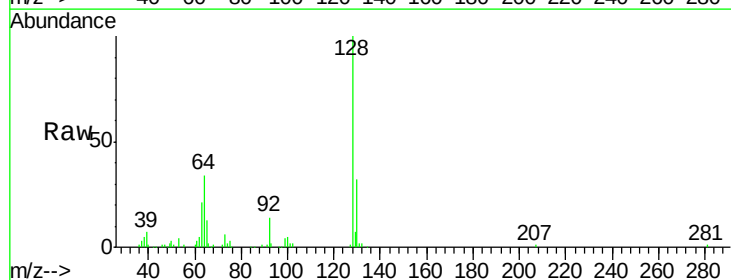
Concen: 43.56 ng

RT: 6.85 min Scan# 522

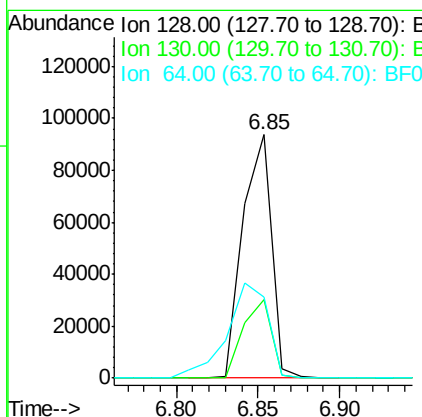
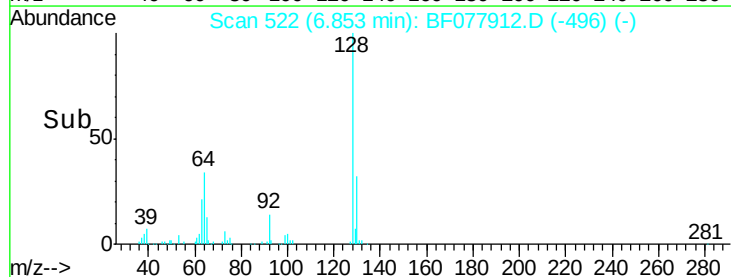
Delta R.T. 0.00 min

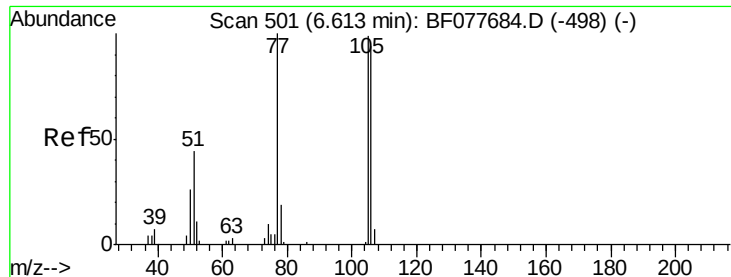
Lab File: BF077912.D

Acq: 24 Mar 2015 14:13



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		113820		
130	32.3	12.0	52.0		
64	33.5	24.9	64.9		





#9

Benzaldehyde

Concen: 4.73 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF077912.D

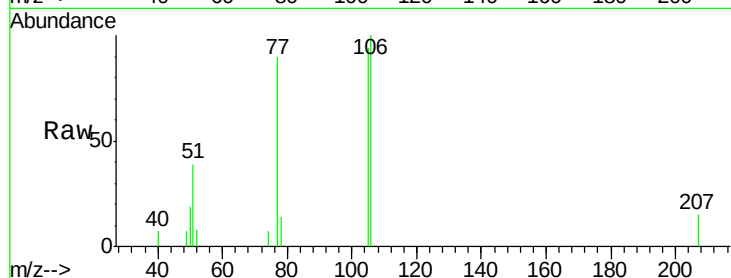
Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

ClientSampleId :

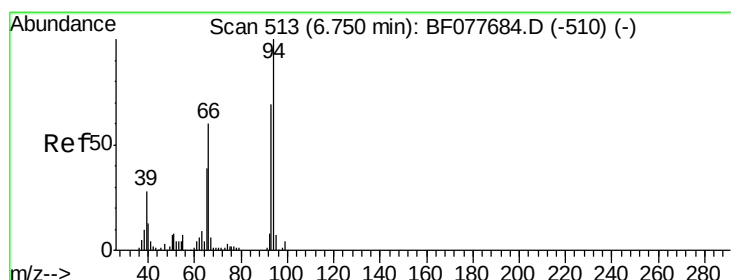
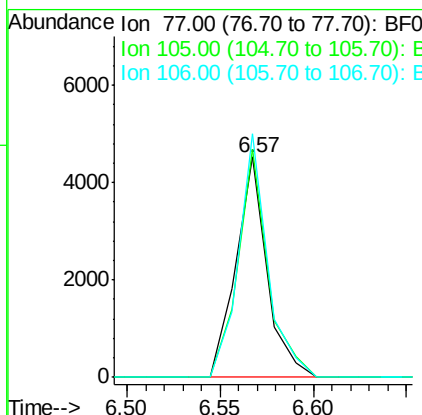
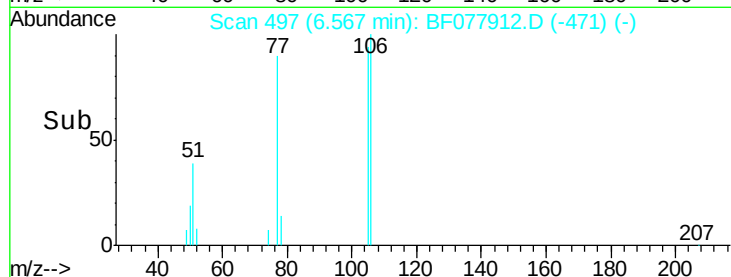
PB82277BS



Tgt Ion:	77	Resp:	5260
Ion	Ratio	Lower	Upper
77	100		
105	103.8	78.8	118.8
106	110.6	73.7	113.7

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#10

Phenol

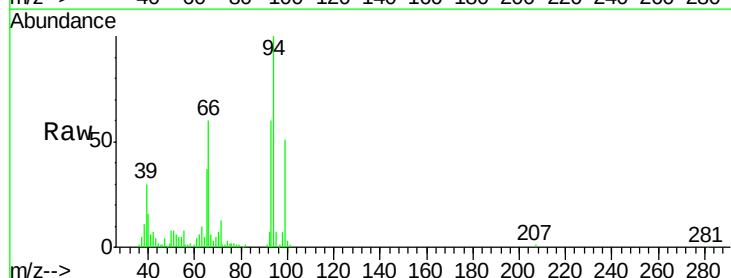
Concen: 41.22 ng

RT: 6.70 min Scan# 509

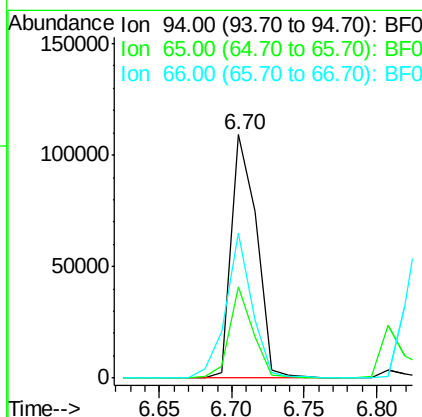
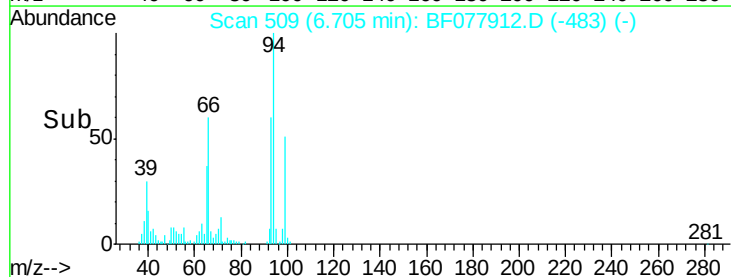
Delta R.T. 0.00 min

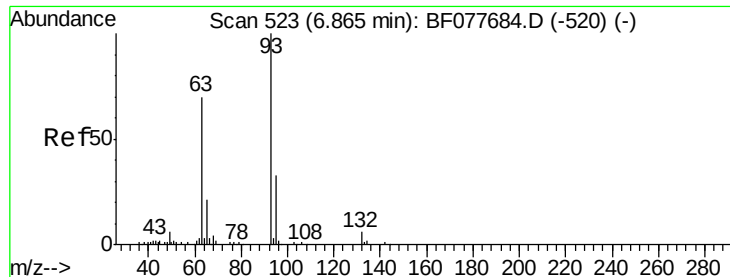
Lab File: BF077912.D

Acq: 24 Mar 2015 14:13



Tgt Ion:	94	Resp:	132164
Ion	Ratio	Lower	Upper
94	100		
65	37.4	18.8	58.8
66	59.7	39.9	79.9





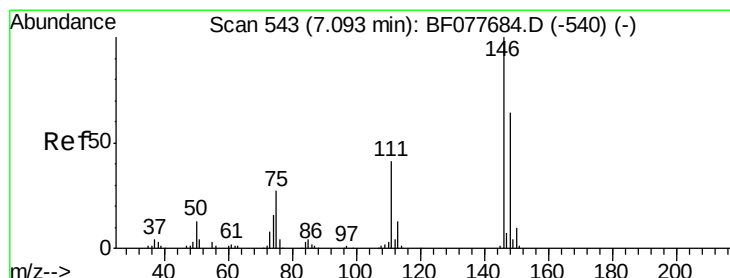
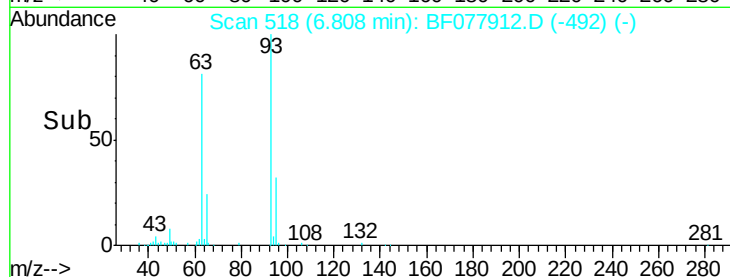
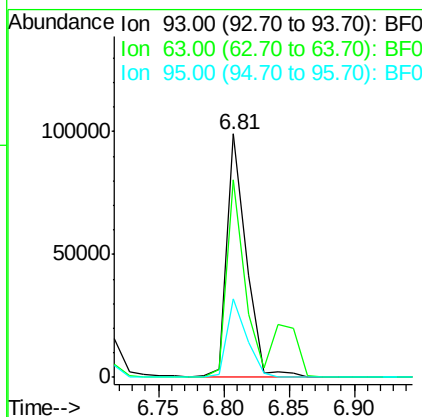
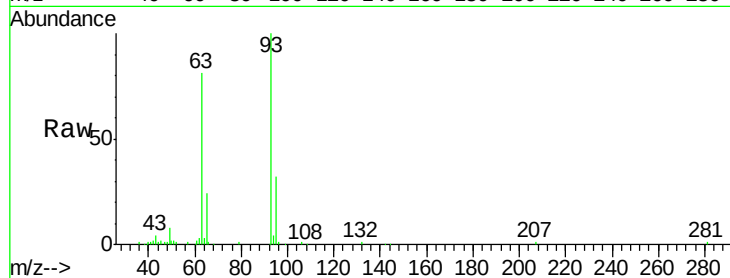
#11
bis(2-Chloroethyl)ether
Concen: 42.95 ng
RT: 6.81 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	81.2	49.5	89.5
95	32.5	13.5	53.5

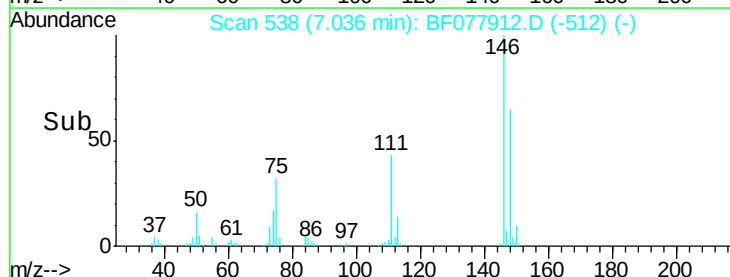
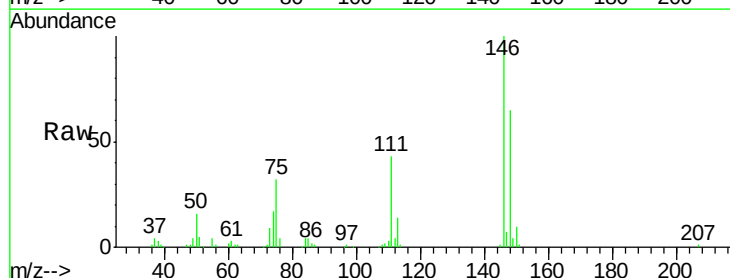
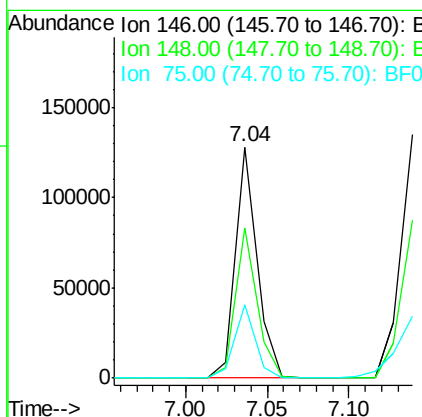
Manual Integrations
APPROVED

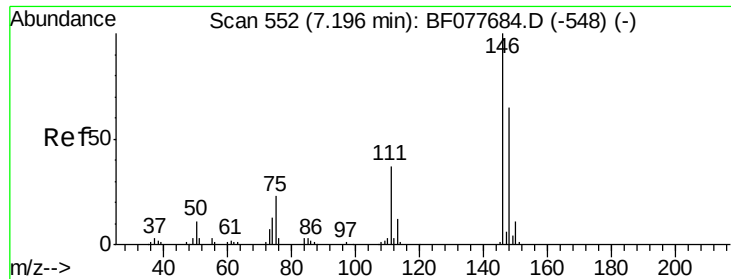
mohammad
3/25/2015 5:01:03 PM



#12
1,3-Dichlorobenzene
Concen: 40.02 ng
RT: 7.04 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.0	50.9	76.3
75	31.5	21.4	32.2





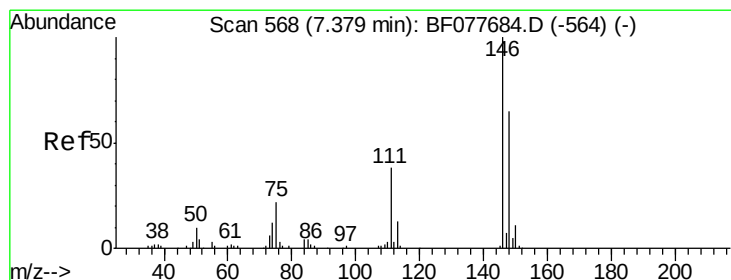
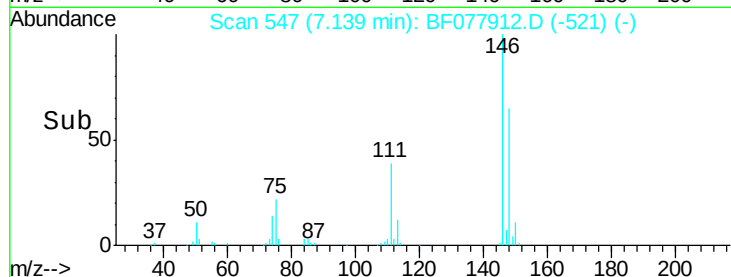
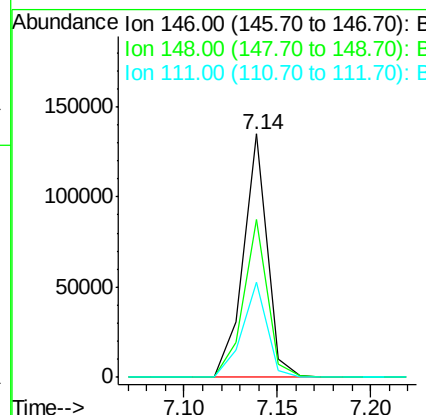
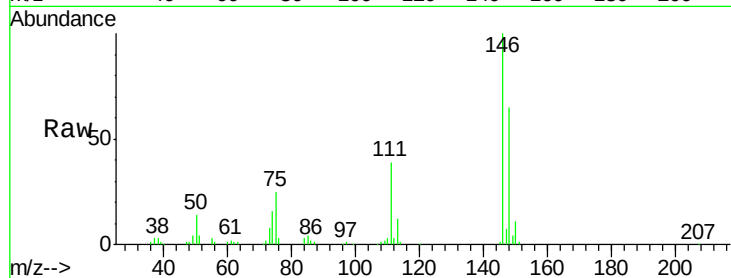
#13
1,4-Dichlorobenzene
Concen: 40.10 ng
RT: 7.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	39.1	29.2	43.8

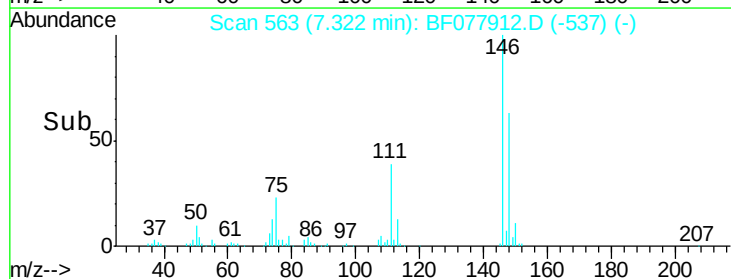
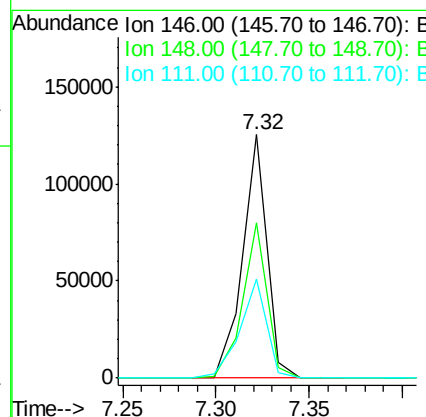
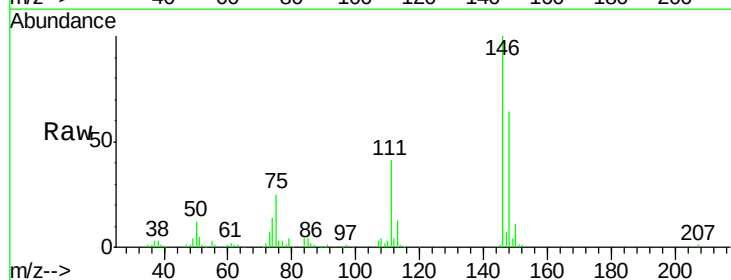
Manual Integrations
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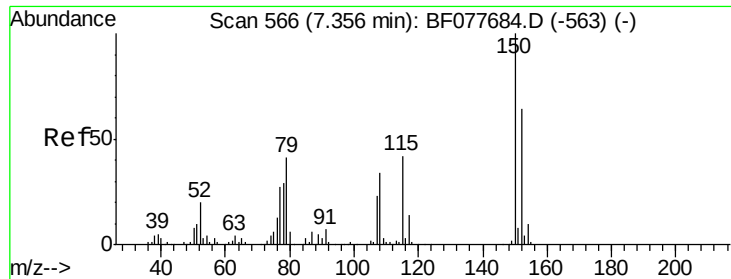
mohammad
3/25/2015 5:01:03 PM



#14
1,2-Dichlorobenzene
Concen: 41.31 ng
RT: 7.32 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
111	40.7	30.6	45.8





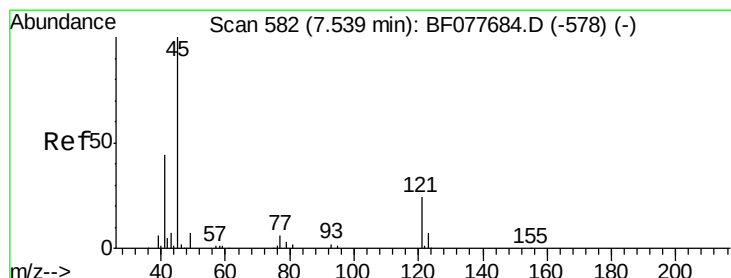
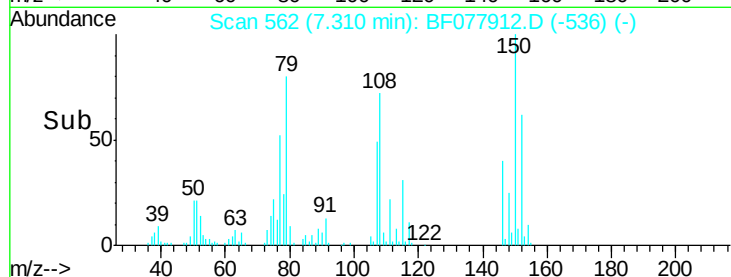
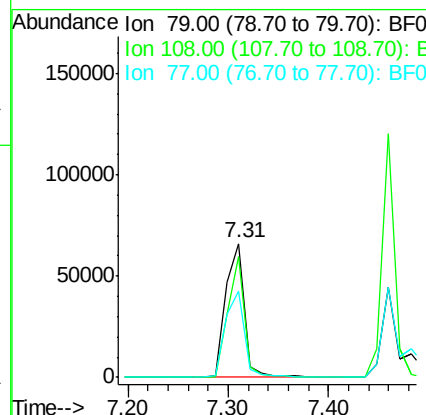
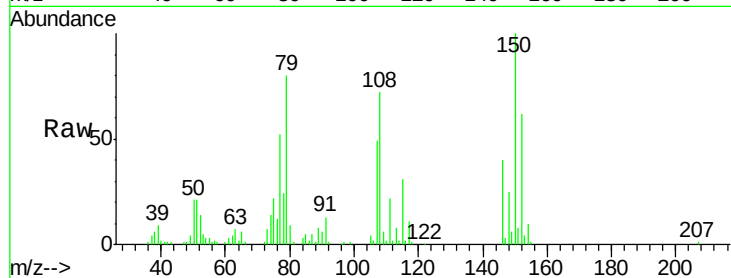
#15
Benzyl Alcohol
Concen: 40.56 ng
RT: 7.31 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	90.4	65.0	97.4
77	64.5	53.0	79.6

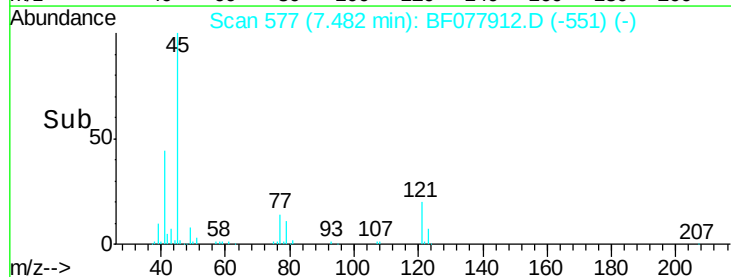
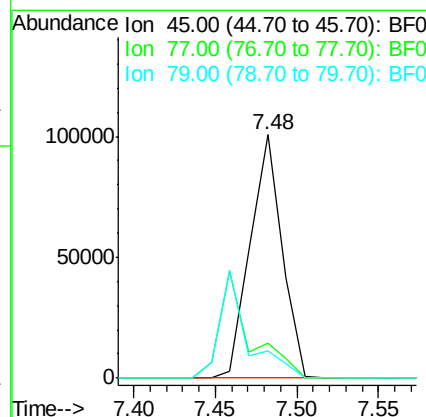
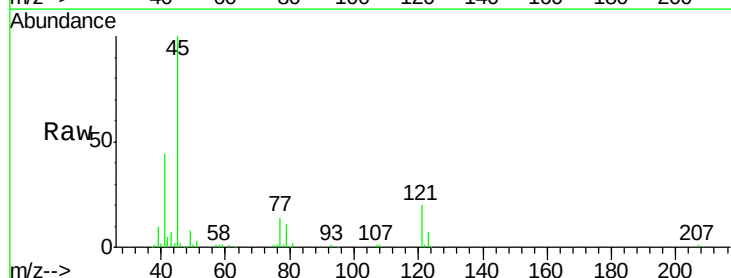
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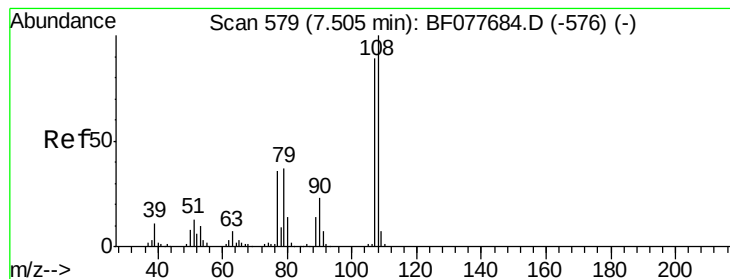
mohammad
3/25/2015 5:01:03 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.03 ng
RT: 7.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

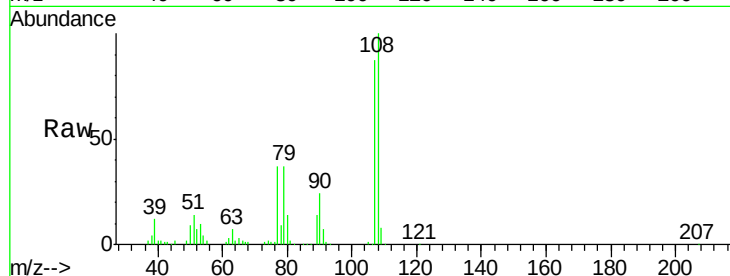
Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.2
79	11.2	0.0	32.0





#17
2-Methylphenol
Concen: 42.51 ng
RT: 7.46 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

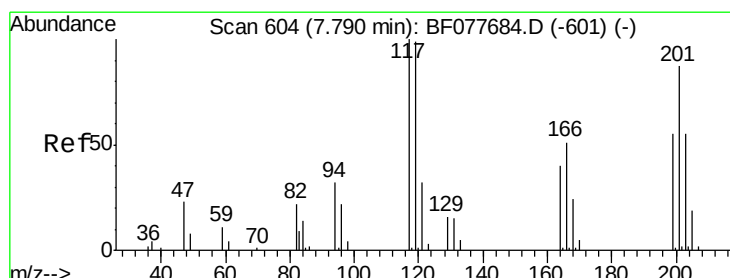
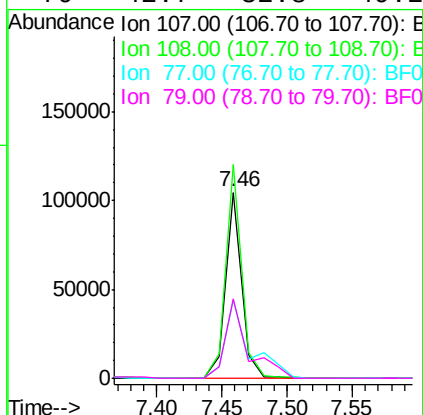
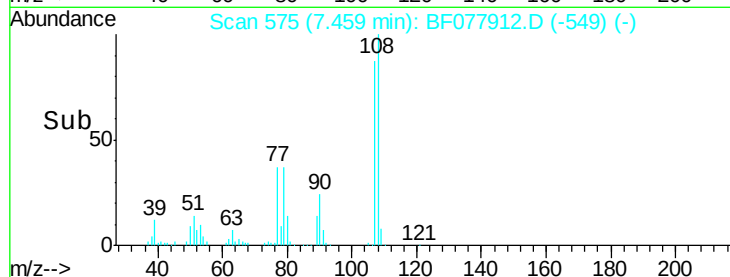
Instrument :
BNA_F
ClientSampleId :
PB82277BS



Tgt Ion:	107	Resp:	90421
Ion	Ratio	Lower	Upper
107	100		
108	114.8	89.8	134.8
77	42.2	32.6	48.8
79	42.7	32.8	49.2

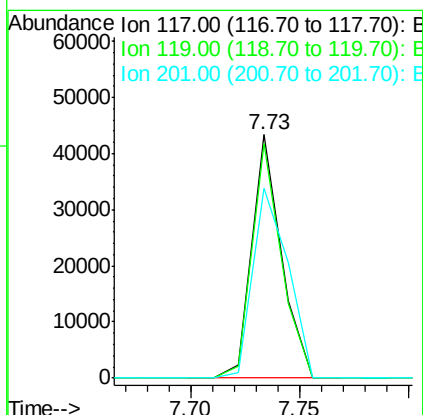
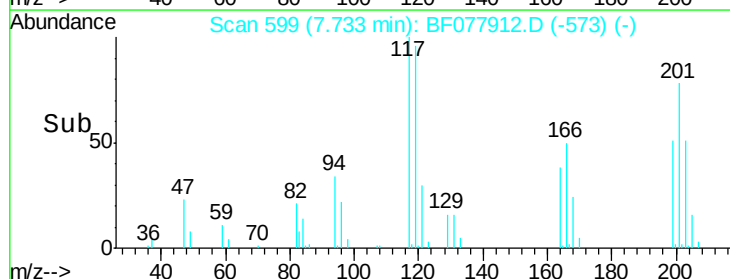
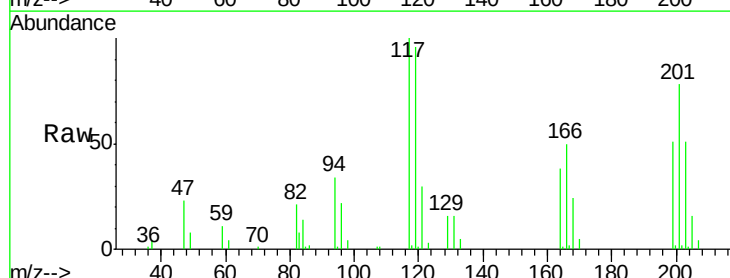
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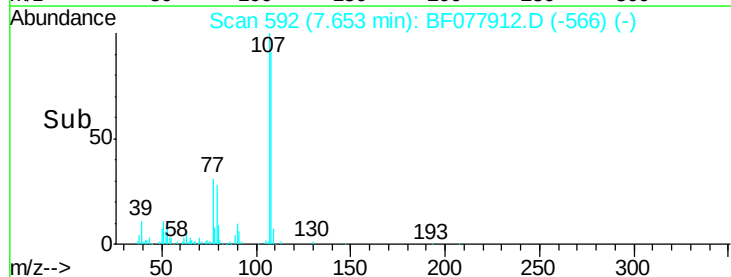
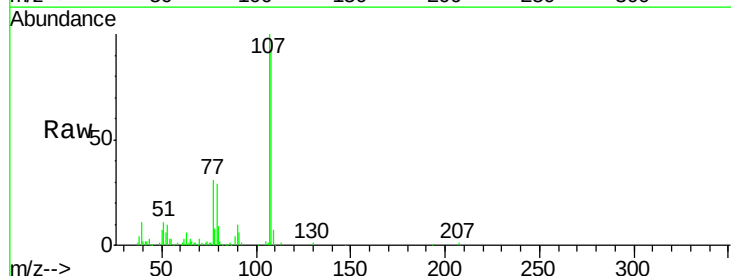
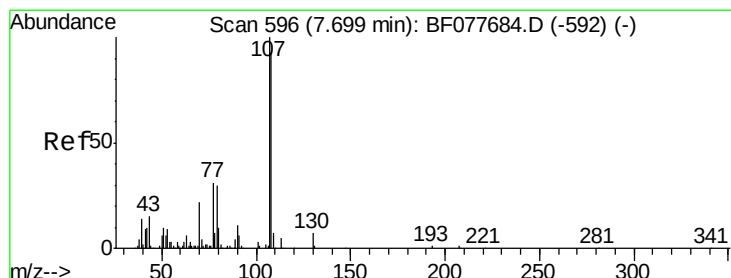
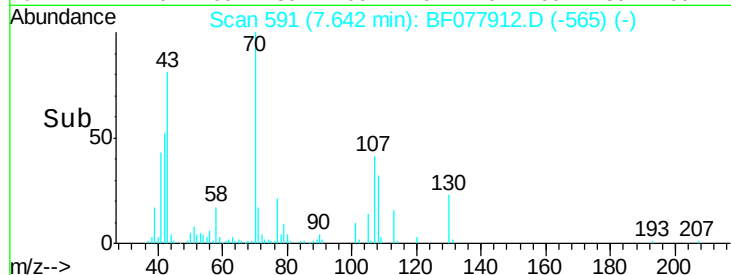
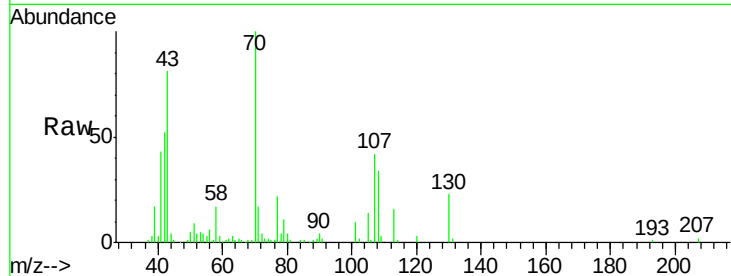
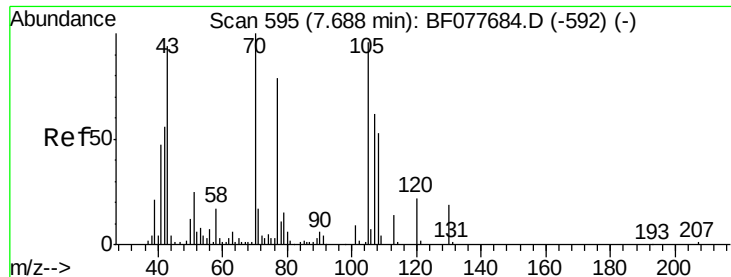
mohammad
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#18
Hexachloroethane
Concen: 41.25 ng
RT: 7.73 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion:	117	Resp:	40854
Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.2	118.8
201	78.1	69.8	104.6





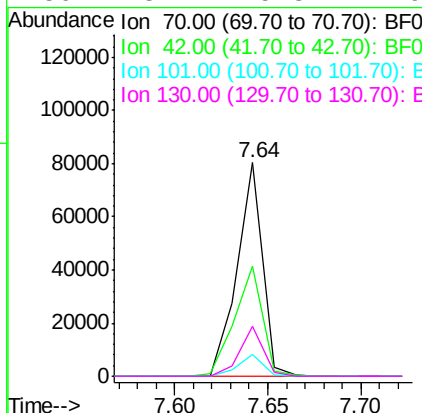
#19
n-Nitroso-di-n-propylamine
Concen: 40.64 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	44.5	66.7	
101	10.1	7.4	11.2	
130	23.2	15.3	22.9	

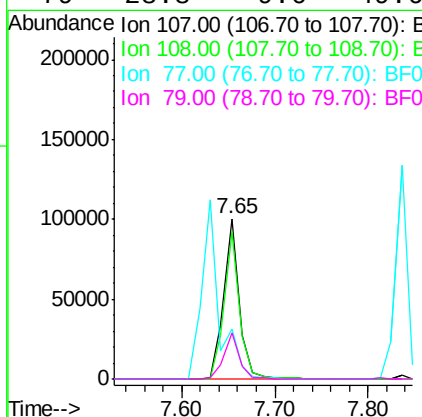
Manual Integrations
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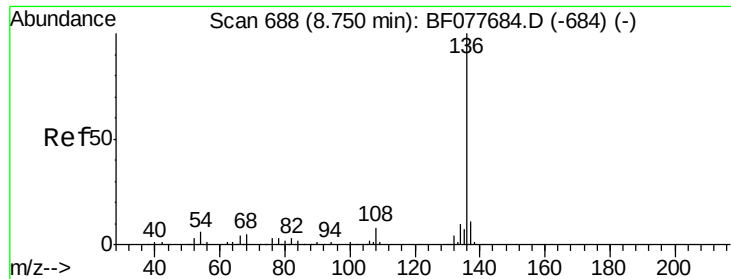
mohammad
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#20
3+4-Methylphenols
Concen: 42.13 ng
RT: 7.65 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.7	73.2	113.2	
77	31.2	10.7	50.7	
79	28.8	9.6	49.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

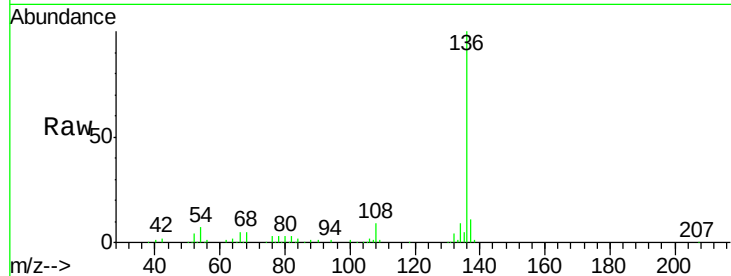
ClientSampleId :

PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	158854		
137	10.9	8.7	13.1	
54	6.7	4.6	6.8	
68	5.2	3.7	5.5	

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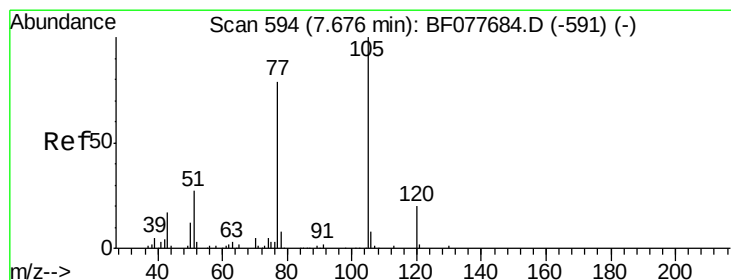
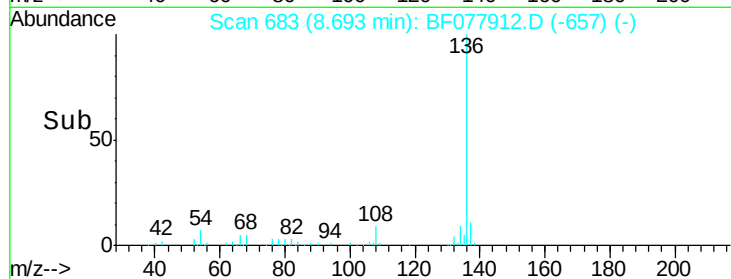
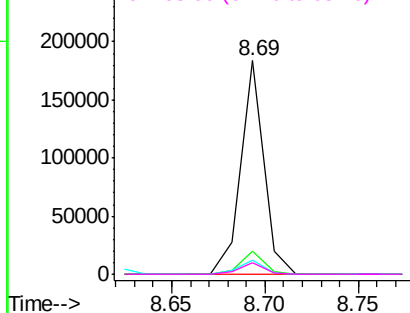


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.14 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

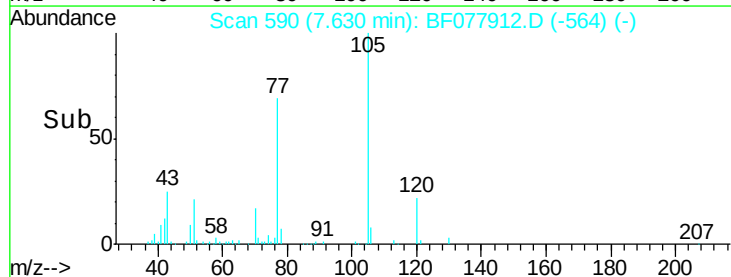
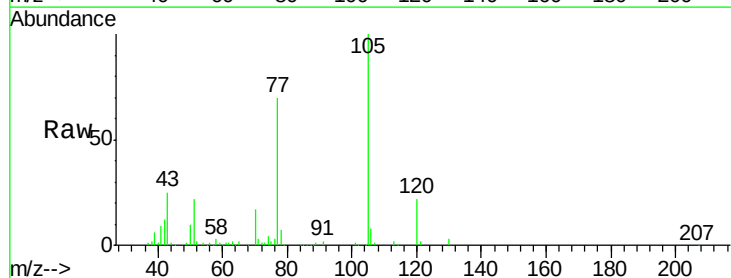
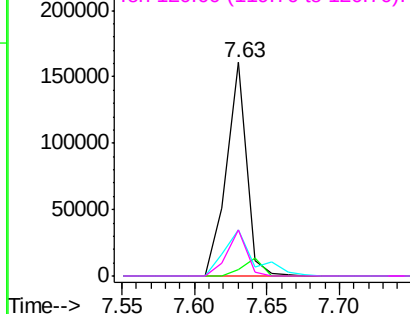
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155238		
71	3.0	0.6	1.0#	
51	21.7	21.6	32.4	
120	21.6	16.1	24.1	

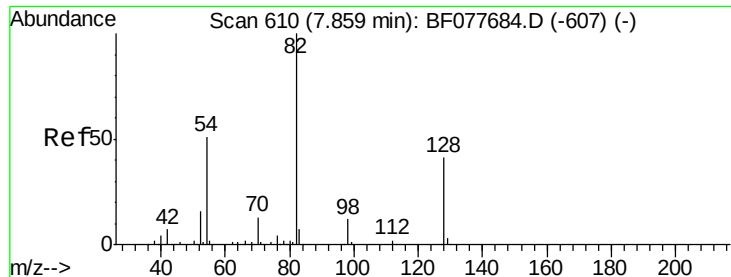
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.82 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

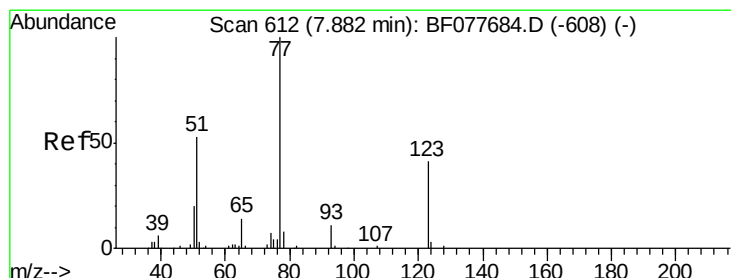
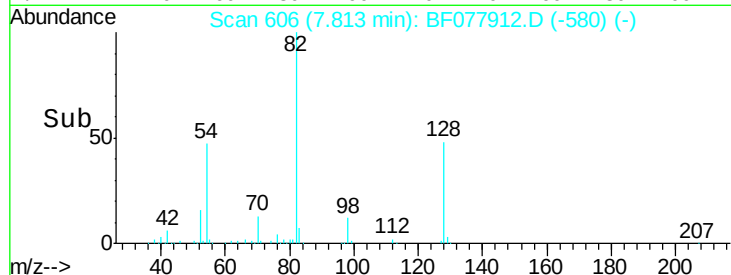
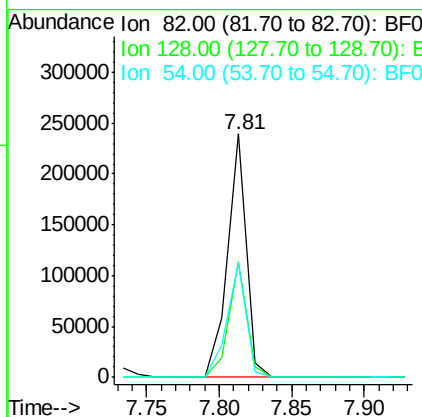
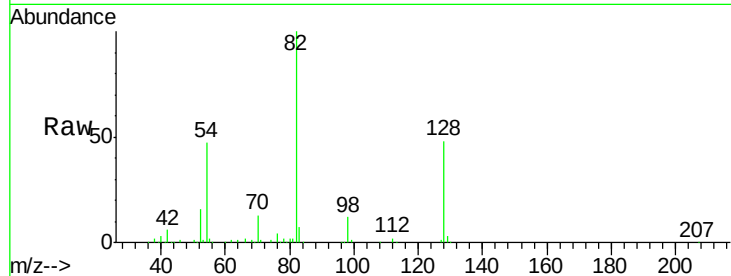
ClientSampleId :

PB82277BS

Tgt Ion:	82	Resp:	215231
Ion Ratio	Lower	Upper	
82	100		
128	47.5	32.8	49.2
54	47.1	40.6	60.8

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#24

Nitrobenzene

Concen: 43.98 ng

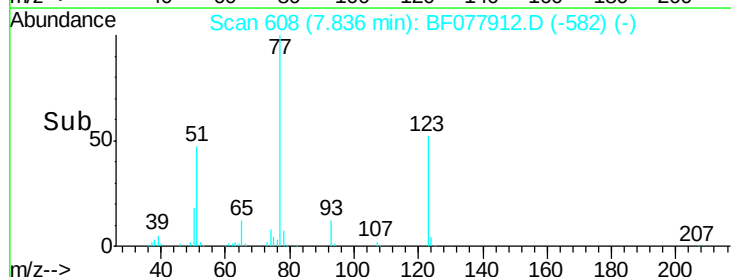
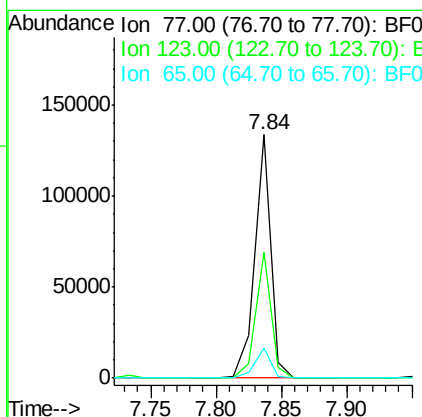
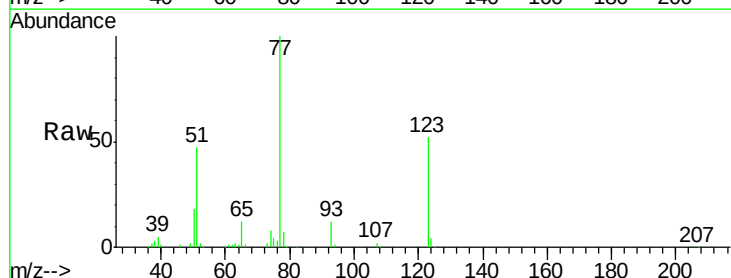
RT: 7.84 min Scan# 608

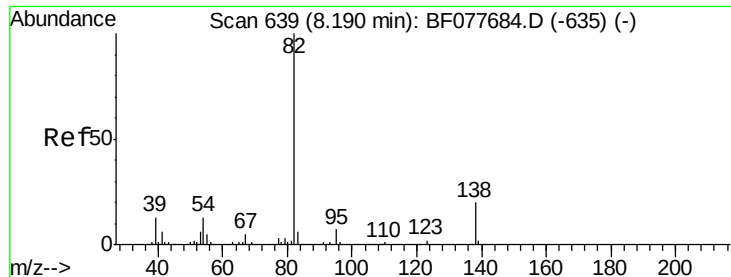
Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	77	Resp:	114826
Ion Ratio	Lower	Upper	
77	100		
123	51.7	32.6	49.0#
65	12.3	10.9	16.3





#25

Isophorone

Concen: 40.93 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

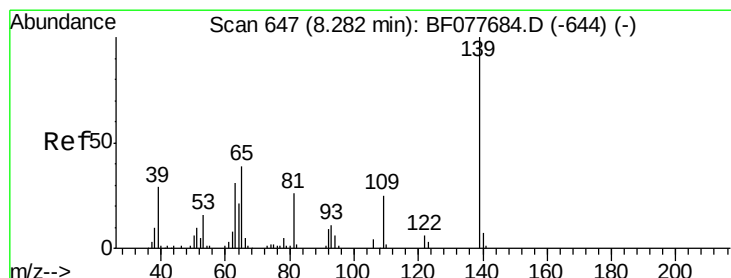
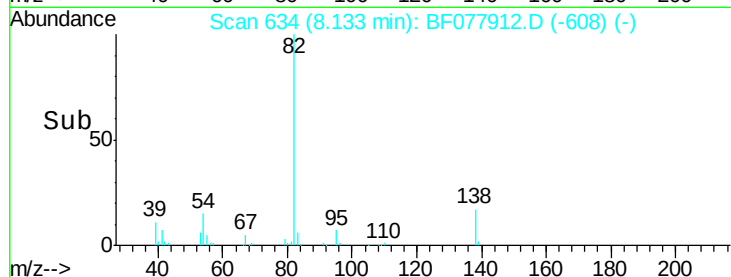
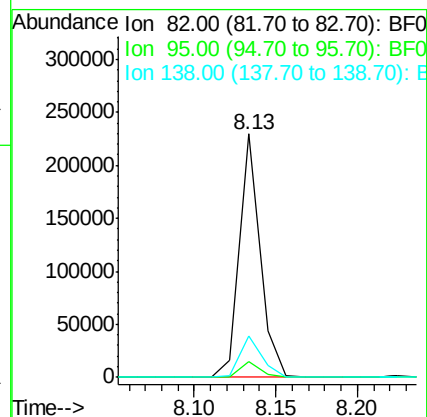
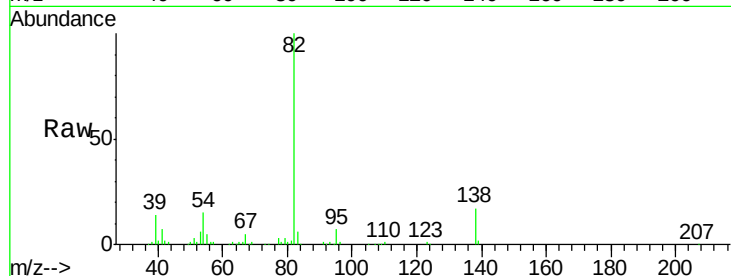
ClientSampleId :

PB82277BS

Tgt Ion:	82	Resp:	200325
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.8	8.6
138	17.0	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.05 ng

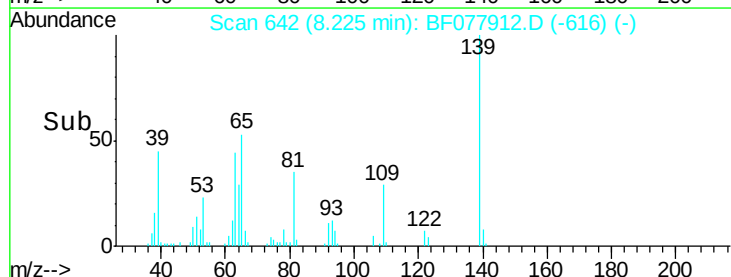
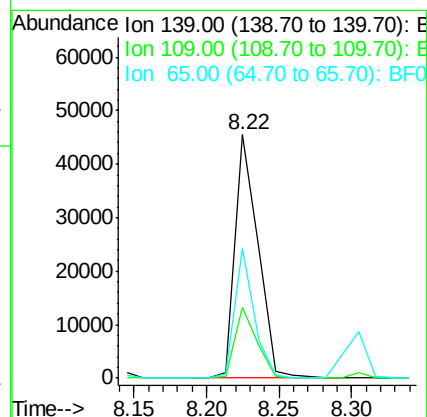
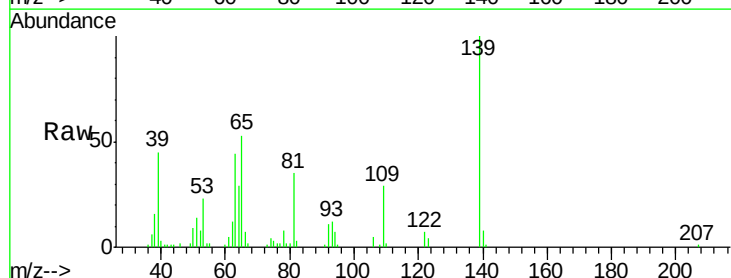
RT: 8.22 min Scan# 642

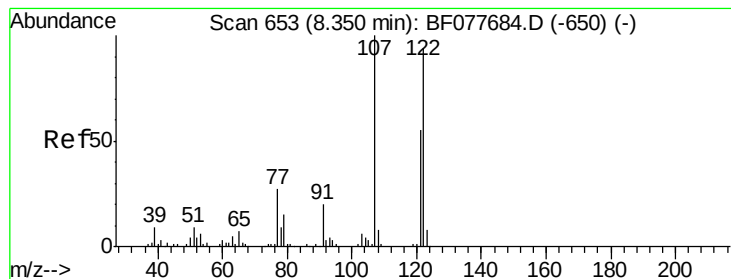
Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	139	Resp:	49910
Ion Ratio		Lower	Upper
139	100		
109	29.1	20.1	30.1
65	53.3	31.5	47.3#





#27

2,4-Dimethylphenol

Concen: 44.42 ng

RT: 8.30 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

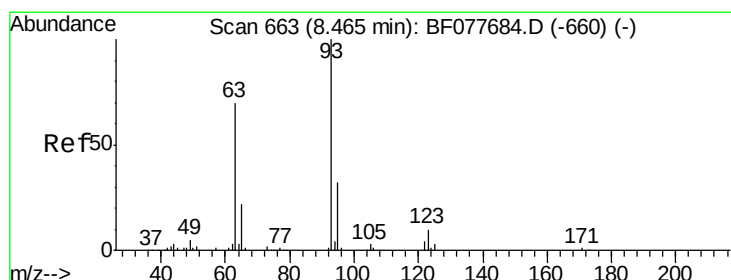
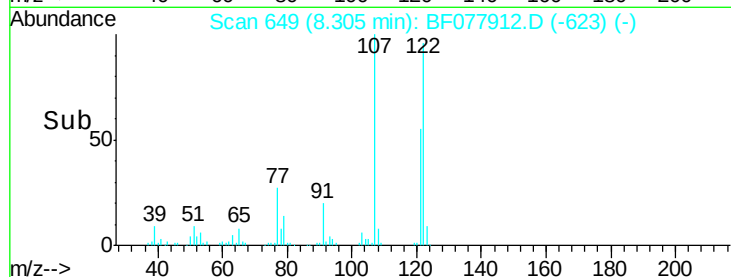
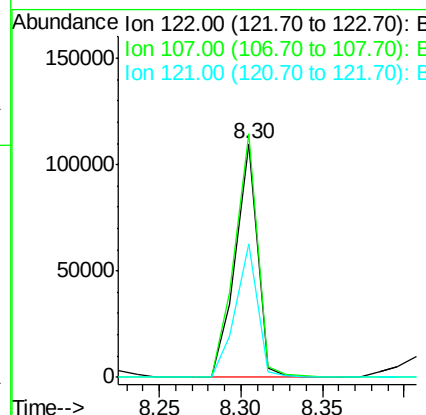
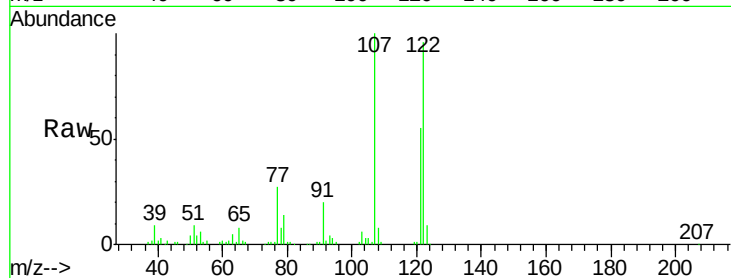
ClientSampleId :

PB82277BS

Tgt Ion:	122	Resp:	103444
Ion Ratio	Lower	Upper	
122	100		
107	104.2	84.7	127.1
121	57.4	46.6	69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.95 ng

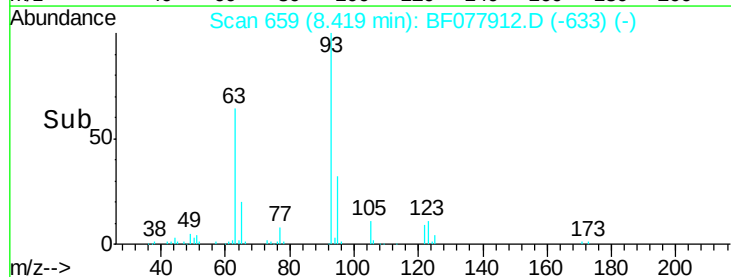
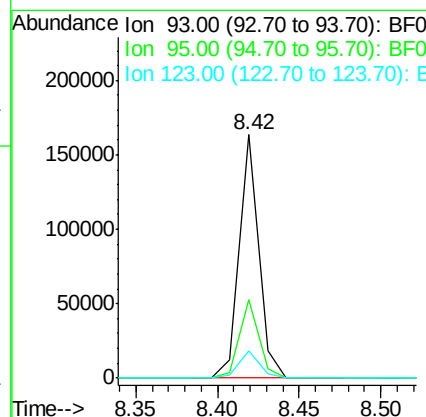
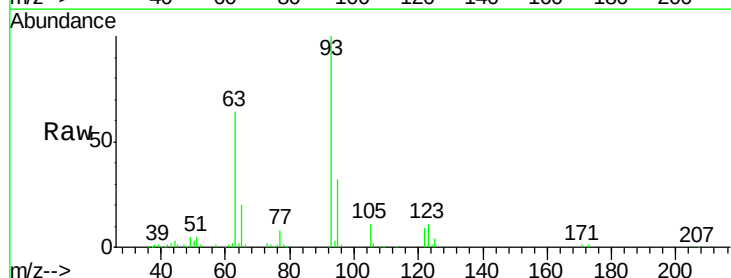
RT: 8.42 min Scan# 659

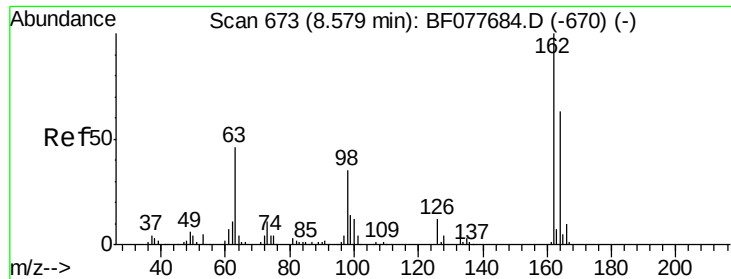
Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	93	Resp:	133513
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.5	38.3
123	11.1	8.6	13.0





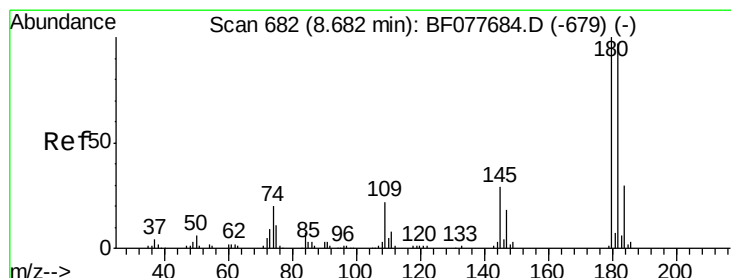
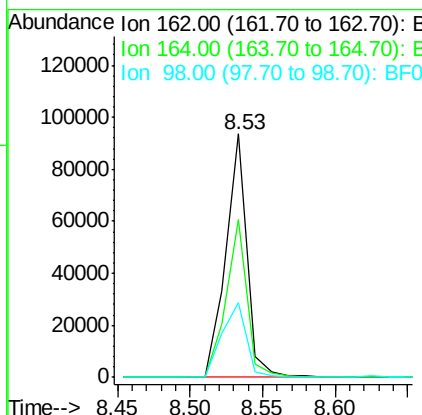
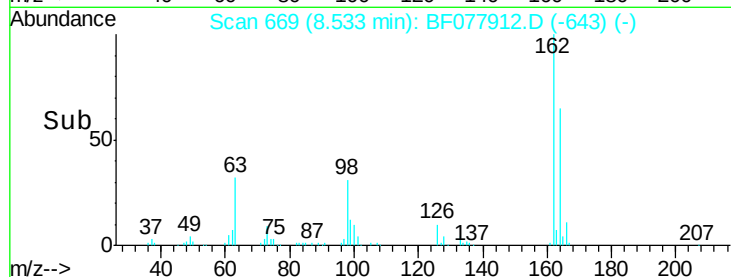
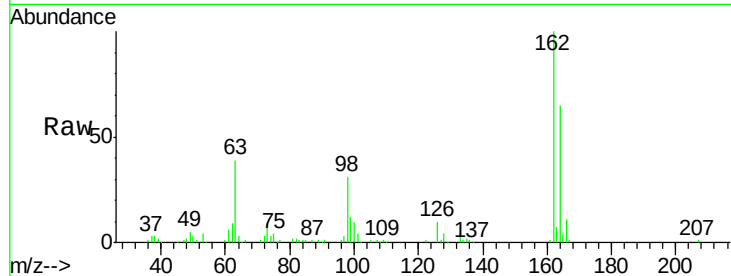
#29
 2,4-Dichlorophenol
 Concen: 42.80 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	95002		
164	64.8	42.8	82.8	
98	30.5	14.5	54.5	

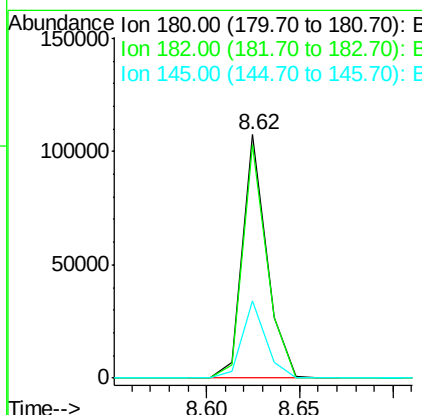
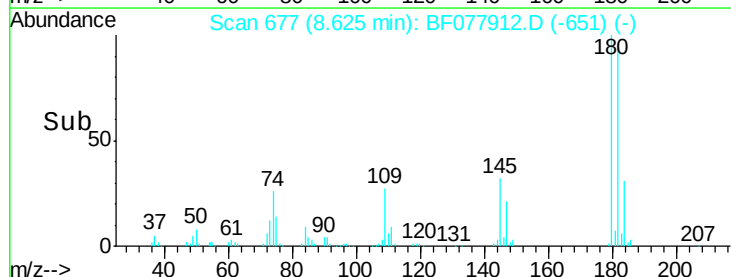
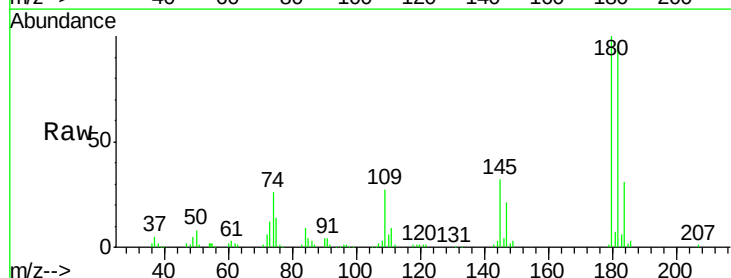
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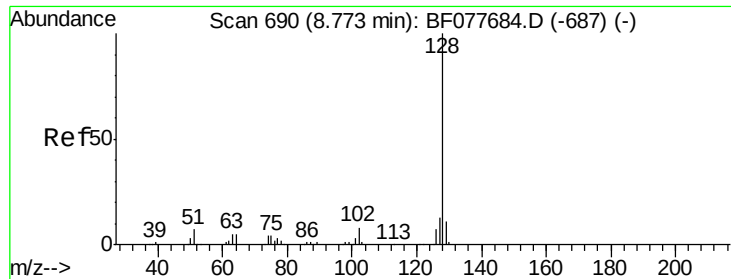
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.09 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97085		
182	96.0	77.6	116.4	
145	31.8	23.4	35.2	





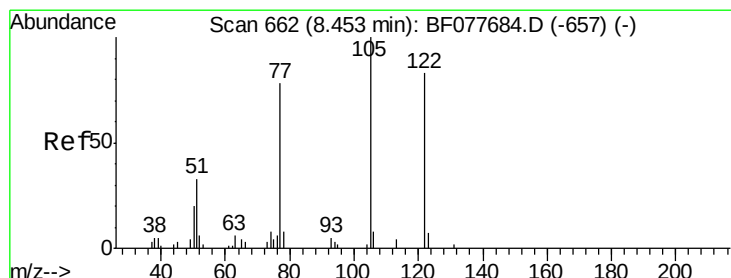
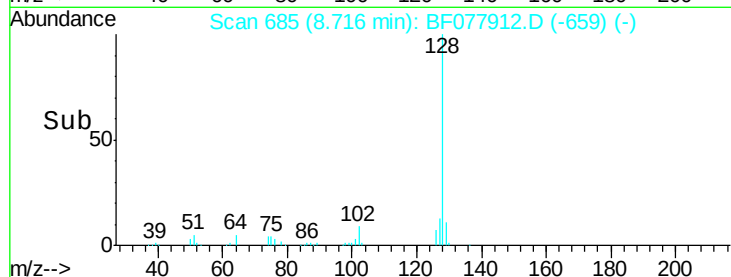
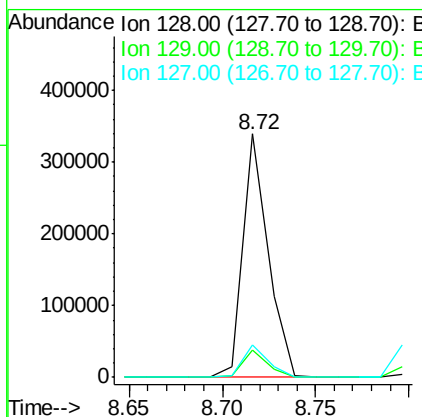
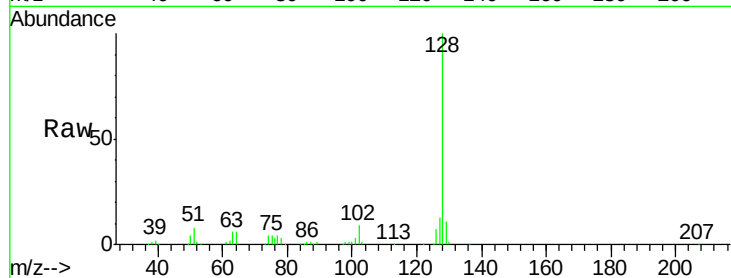
#31
Naphthalene
Concen: 39.46 ng
RT: 8.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	321921		
129	11.1	8.9	13.3	
127	13.4	10.4	15.6	

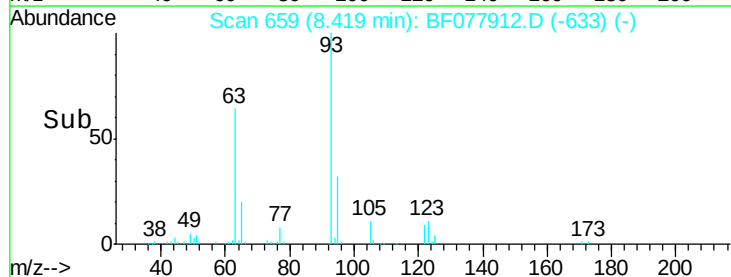
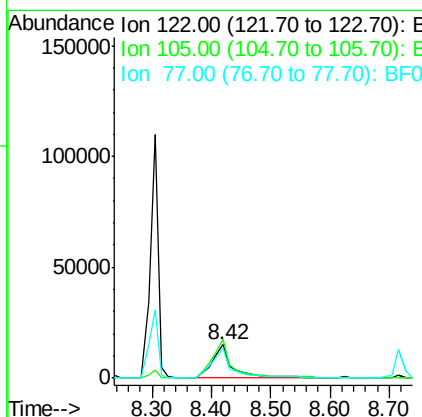
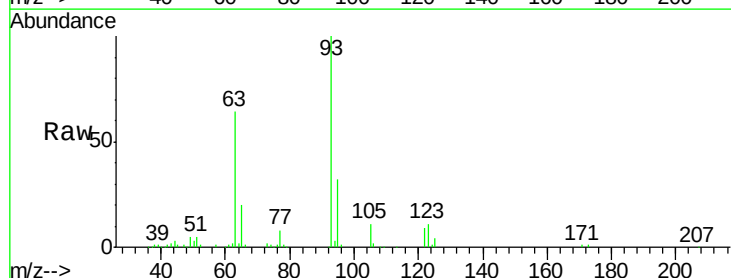
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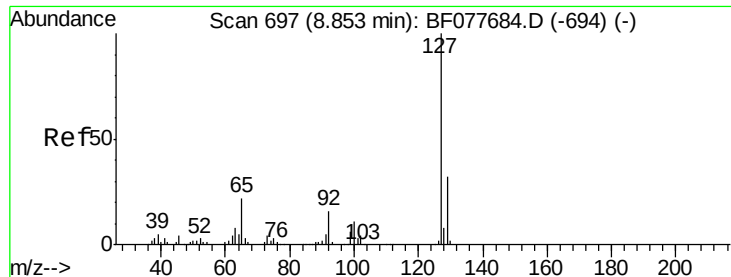
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#32
Benzoic acid
Concen: 29.15 ng
RT: 8.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	36172		
105	115.2	99.9	139.9	
77	91.2	73.7	113.7	





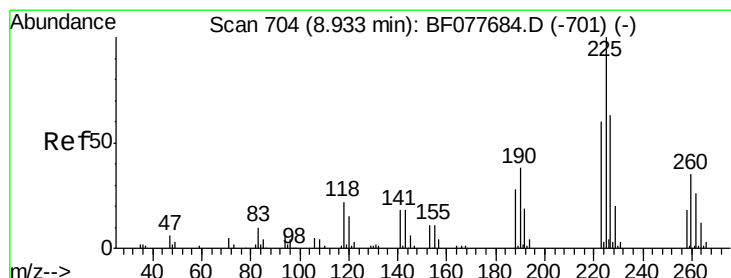
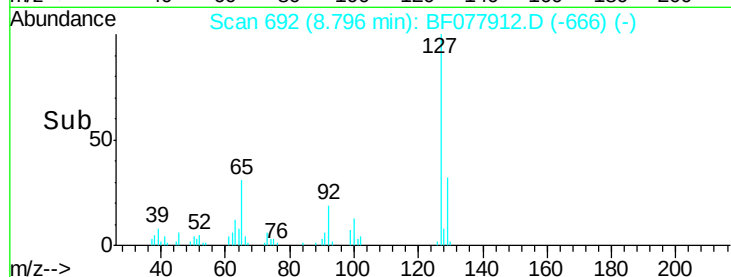
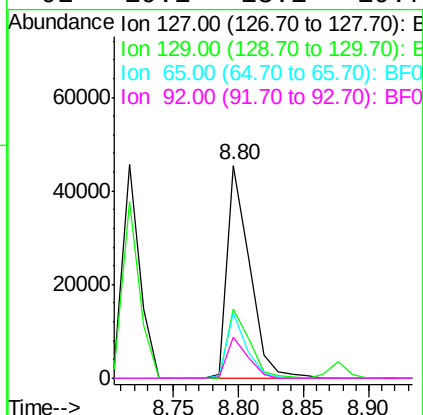
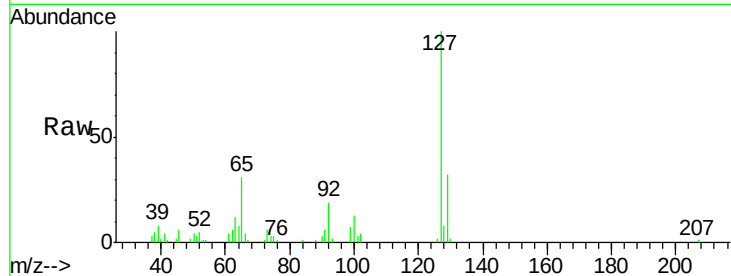
#33
 4-Chloroaniline
 Concen: 16.52 ng
 RT: 8.80 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	54695		
129	32.3	25.3	37.9	
65	30.9	17.6	26.4	
92	19.1	13.1	19.7	

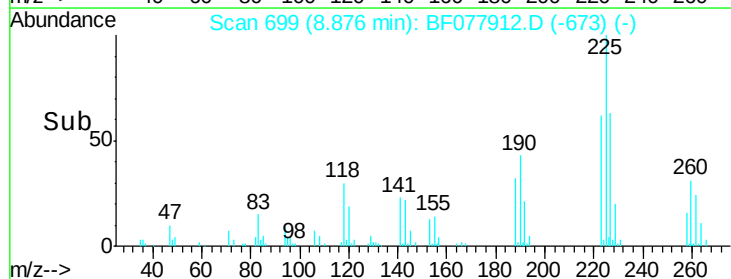
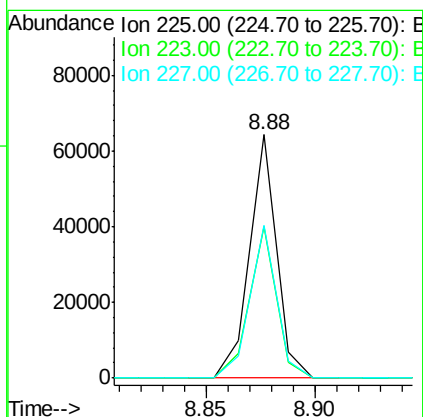
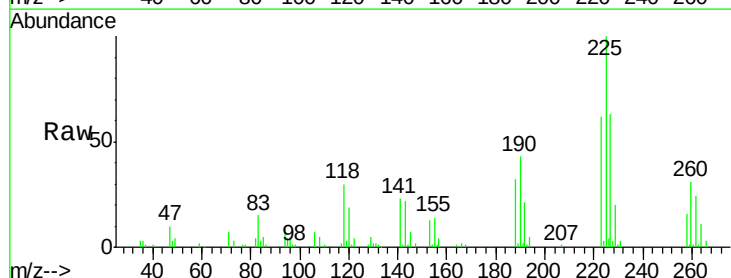
Manual Integrations
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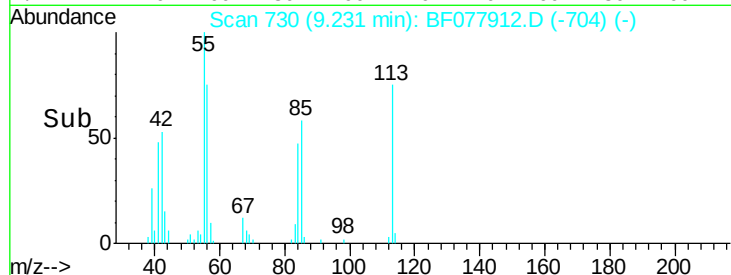
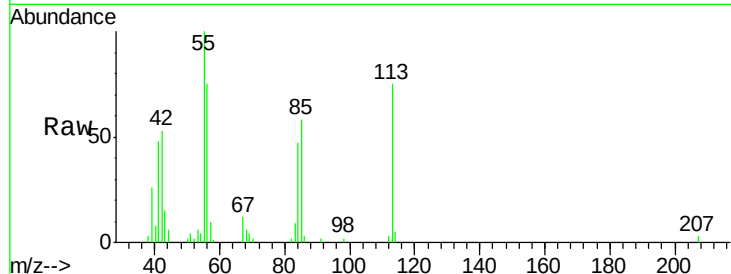
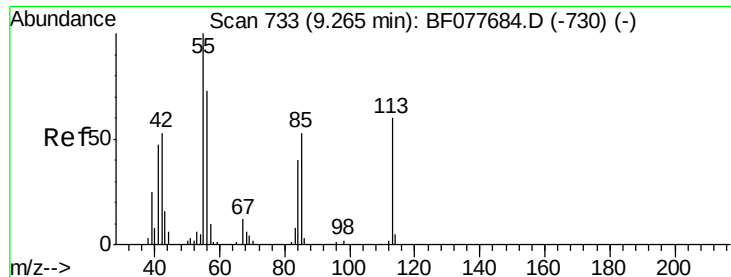
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#34
 Hexachlorobutadiene
 Concen: 39.54 ng
 RT: 8.88 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55650		
223	62.3	47.9	71.9	
227	62.6	50.1	75.1	





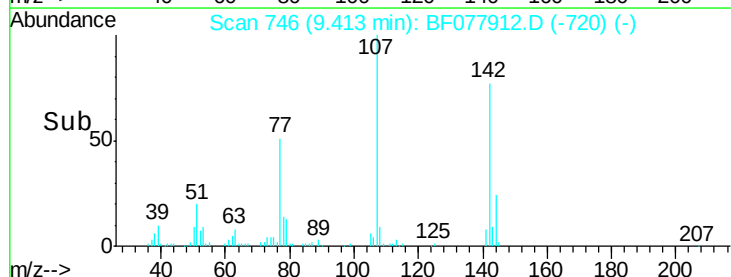
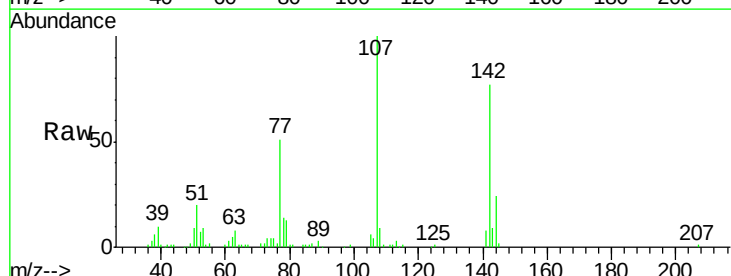
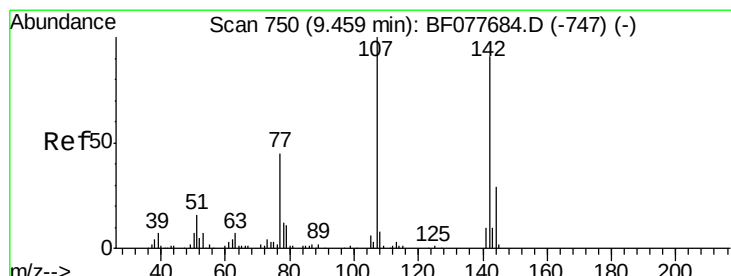
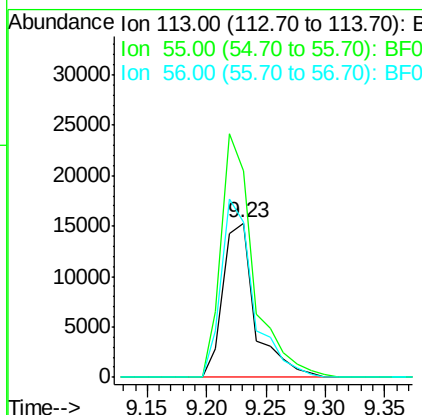
#35
Caprolactam
Concen: 44.26 ng
RT: 9.23 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	28710		
55	133.7	145.9	185.9#	
56	100.9	101.0	141.0#	

Instrument :
BNA_F
ClientSampleId :
PB82277BS

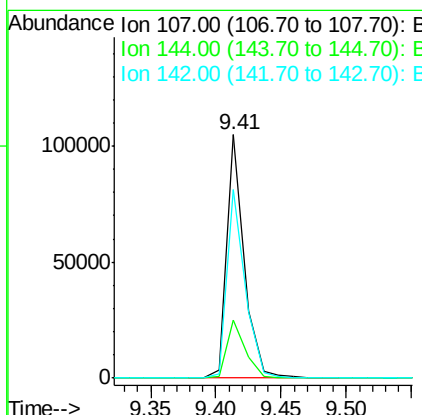
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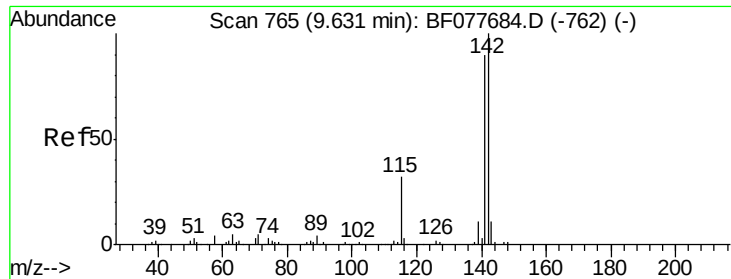
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#36
4-Chloro-3-methylphenol
Concen: 43.54 ng
RT: 9.41 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	97232		
144	24.1	23.3	34.9	
142	77.4	72.6	109.0	





#37

2-Methylnaphthalene

Concen: 40.84 ng

RT: 9.57 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

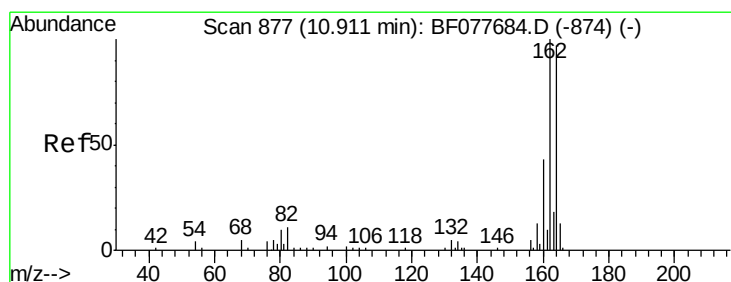
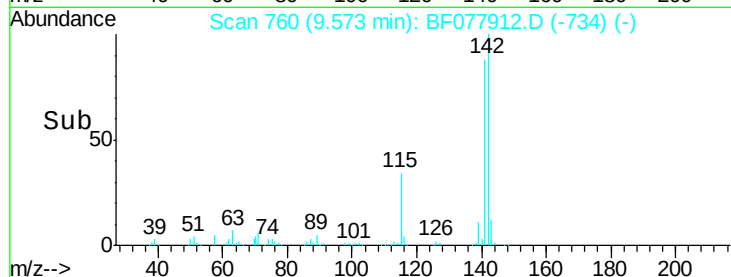
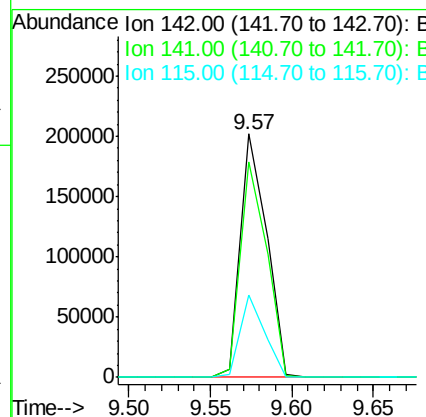
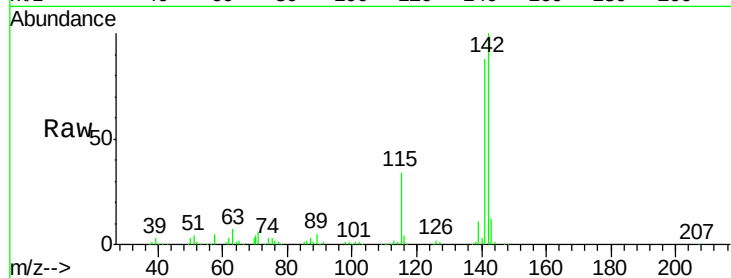
ClientSampleID :

PB82277BS

Tgt Ion:	142	Resp:	223836
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.9	107.9
115	33.6	25.4	38.0

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

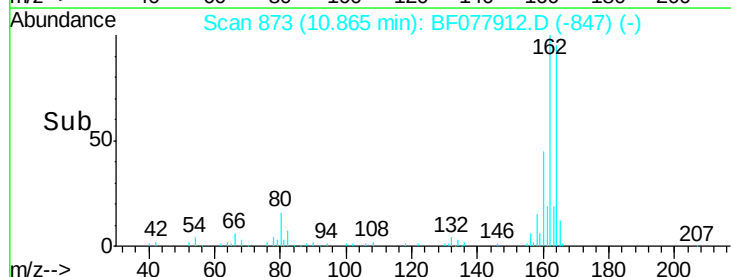
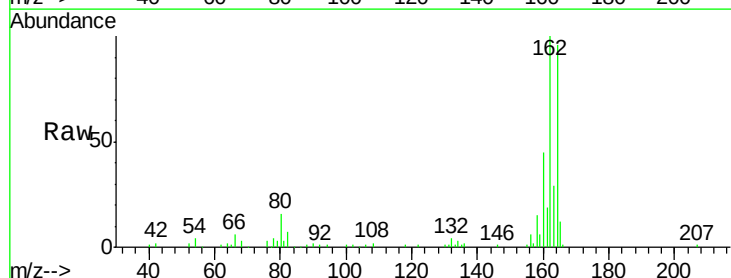
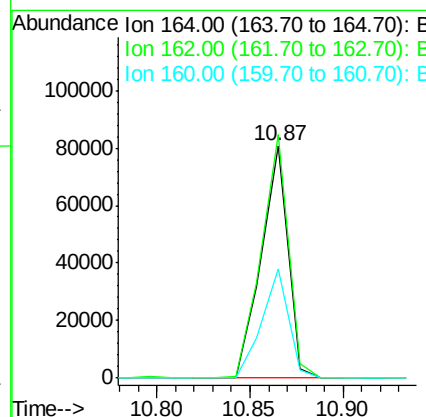
RT: 10.87 min Scan# 873

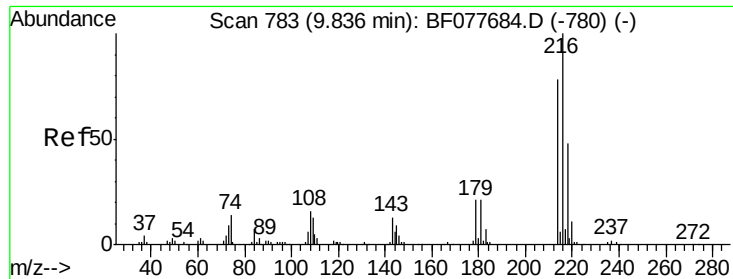
Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	164	Resp:	79779
Ion Ratio	Lower	Upper	
164	100		
162	104.7	82.4	123.6
160	47.0	35.8	53.6





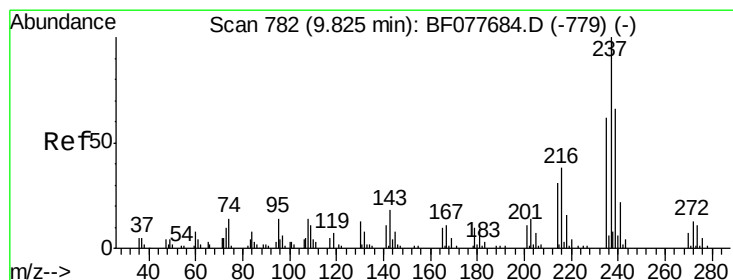
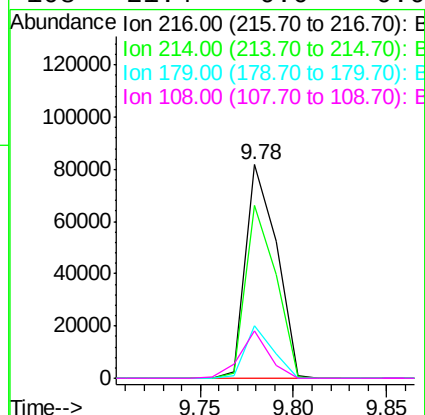
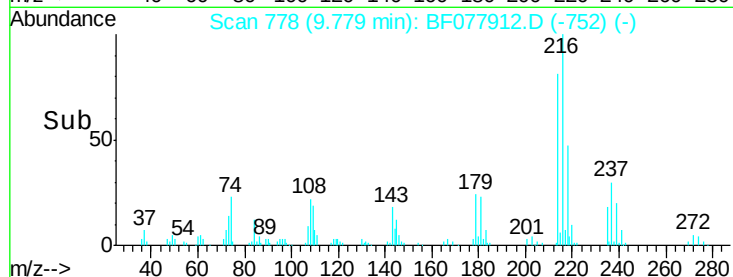
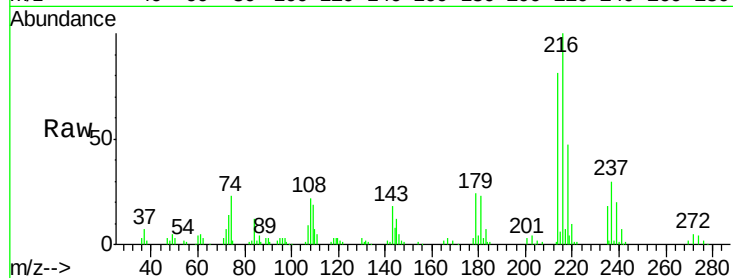
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.60 ng
RT: 9.78 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	94223		
214	79.1	0.0	0.0	0.0
179	22.0	0.0	0.0	0.0
108	21.4	0.0	0.0	0.0

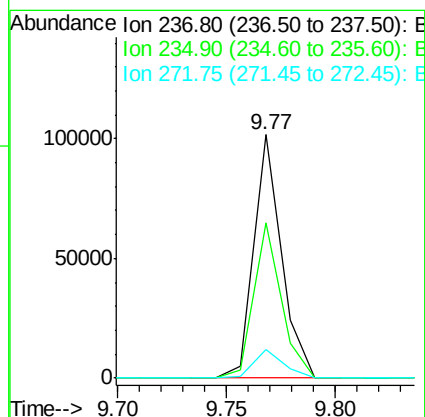
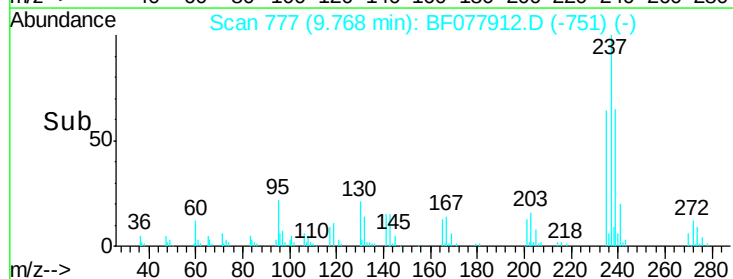
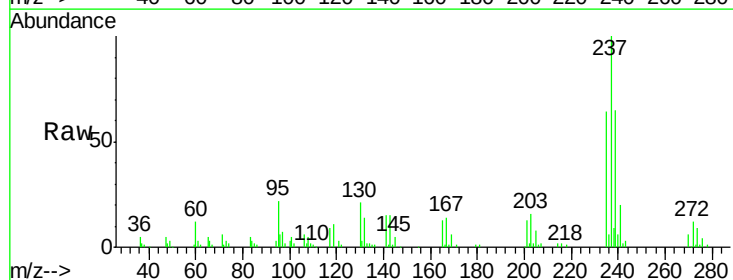
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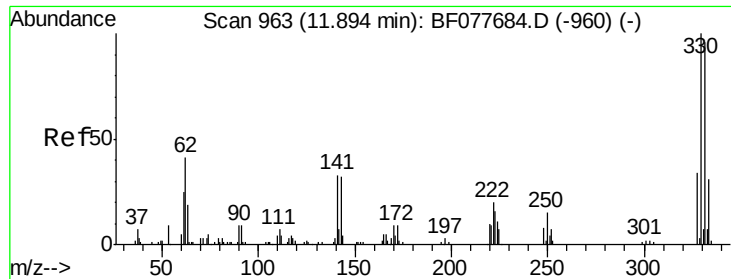
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#40
Hexachlorocyclopentadiene
Concen: 75.45 ng
RT: 9.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	89652		
235	64.0	42.0	82.0	
272	11.5	0.0	33.4	





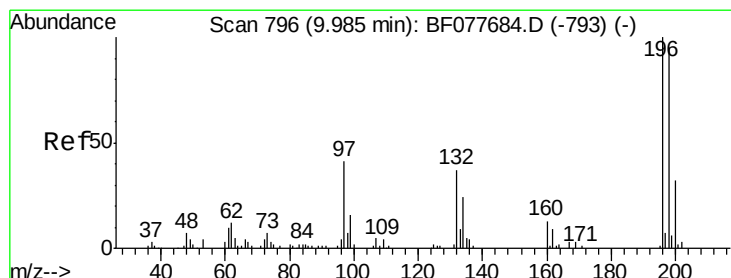
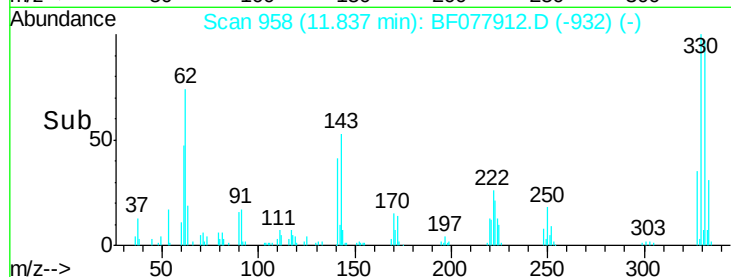
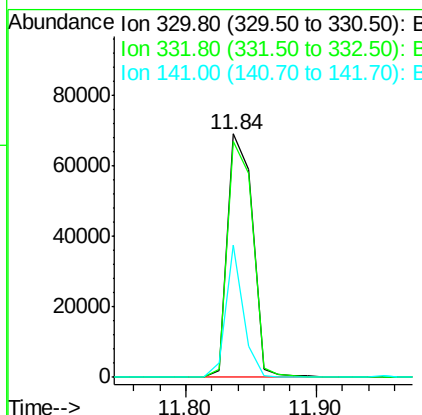
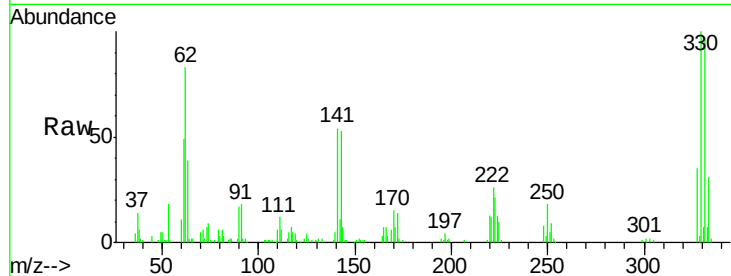
#41
 2,4,6-Tribromophenol
 Concen: 120.25 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	91787		
332	97.7	0.0	0.0	0.0
141	38.2	0.0	0.0	0.0

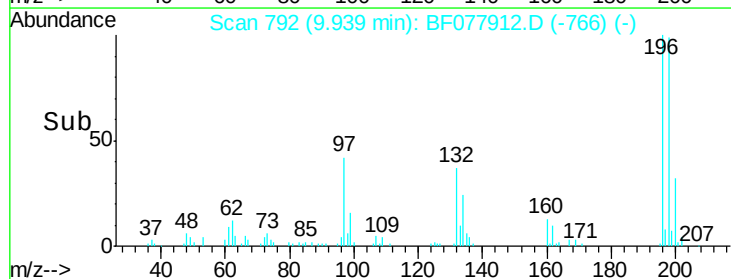
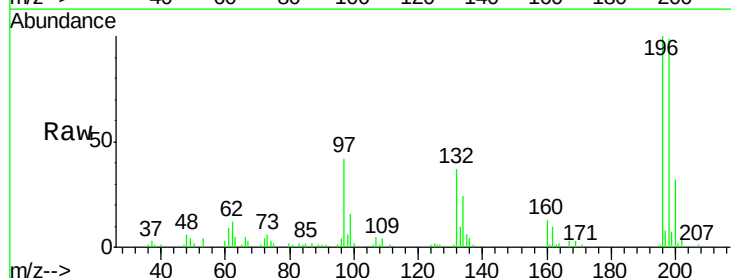
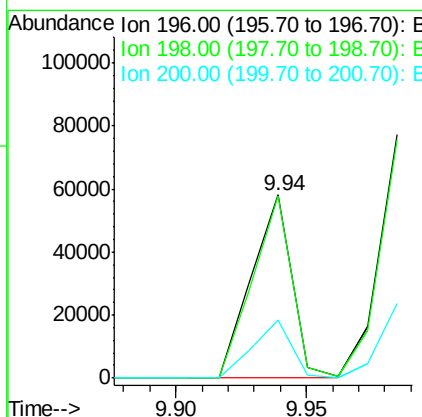
Manual Integrations
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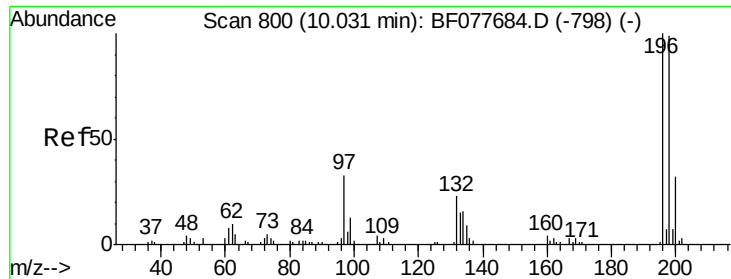
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 38.26 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

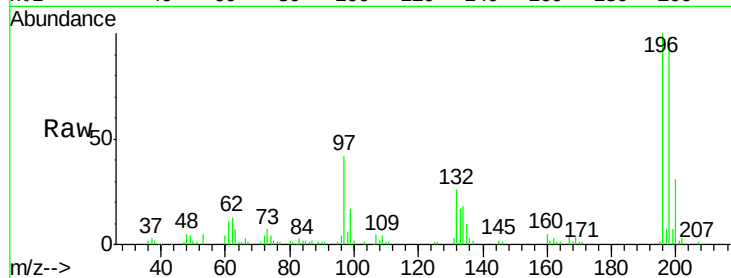
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63064		
198	99.3	76.3	114.5	
200	31.9	25.6	38.4	





#43
 2,4,5-Trichlorophenol
 Concen: 40.41 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

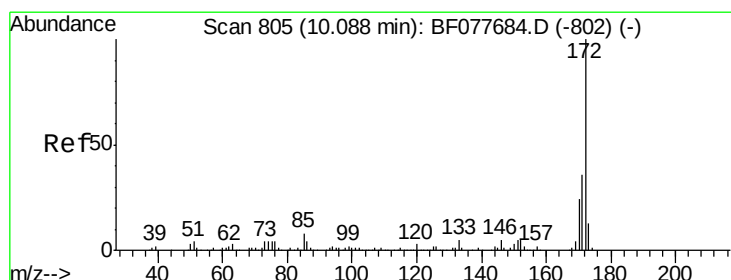
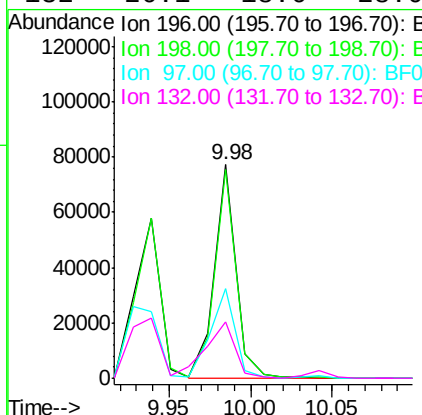
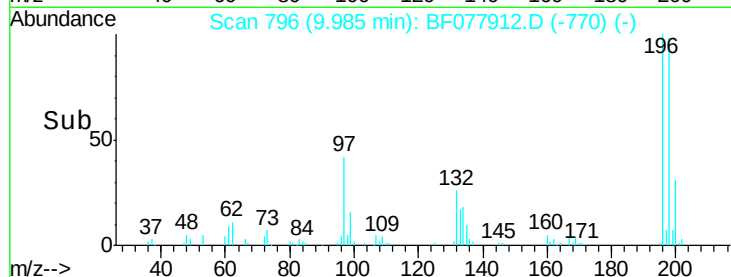
Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	71958		
198	98.0	79.4	119.0	
97	41.8	26.8	40.2#	
132	26.1	18.6	28.0	

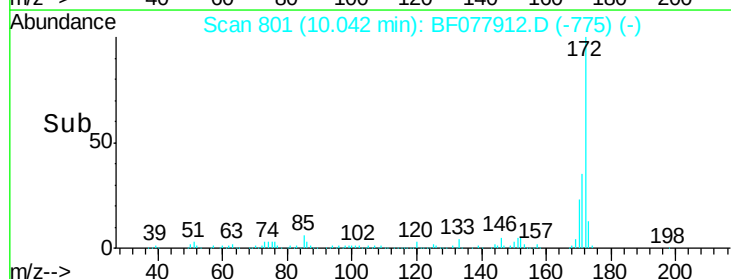
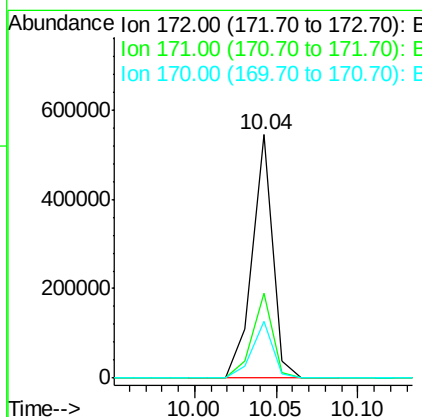
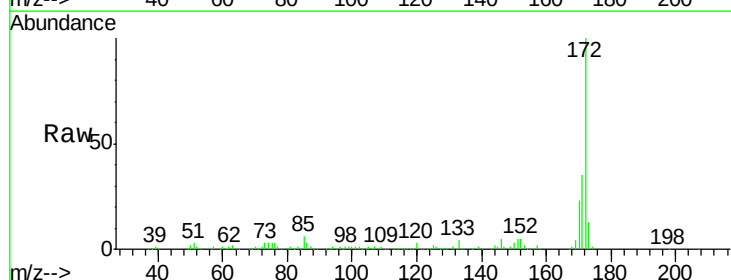
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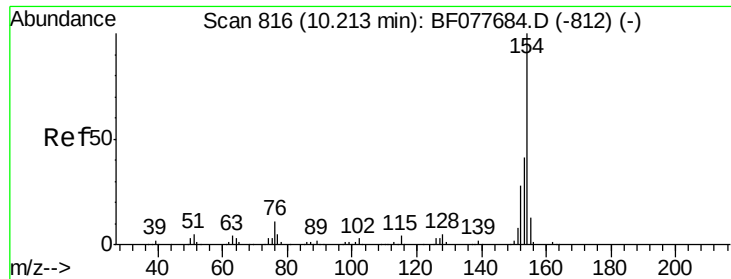
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 87.46 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	474779		
171	35.0	28.5	42.7	
170	23.4	18.8	28.2	





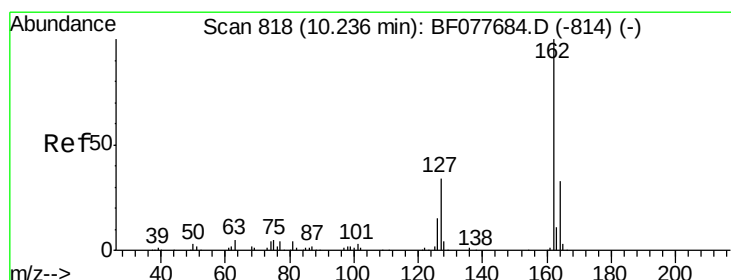
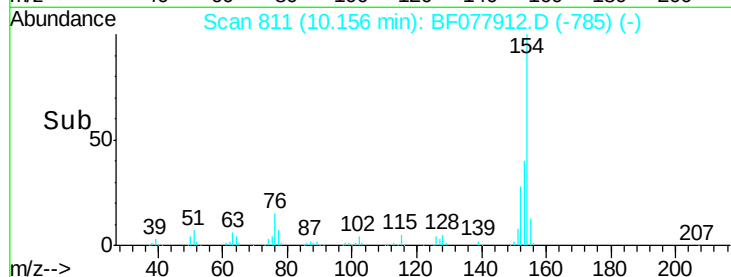
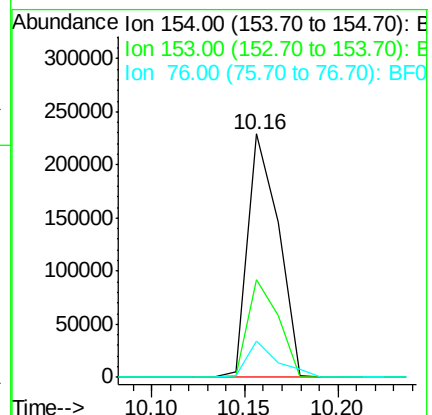
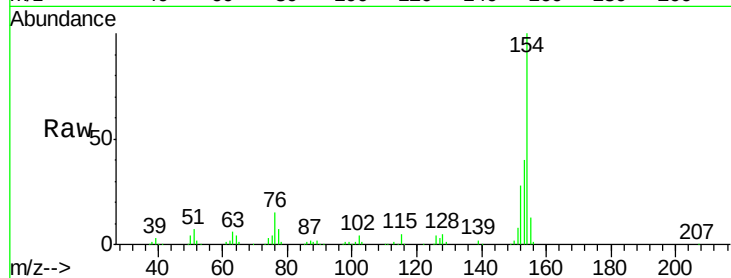
#45
1,1'-Biphenyl
Concen: 41.06 ng
RT: 10.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	261888		
153	40.3	20.7	60.7	
76	14.6	0.0	30.9	

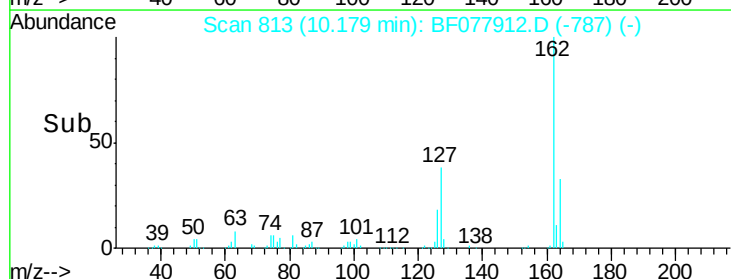
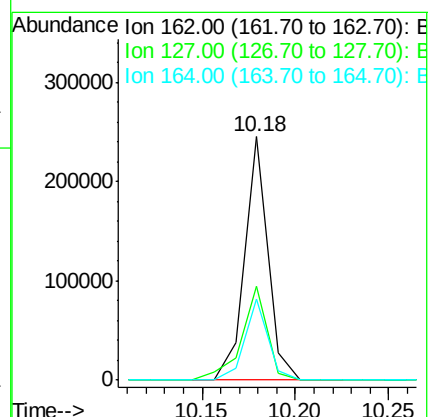
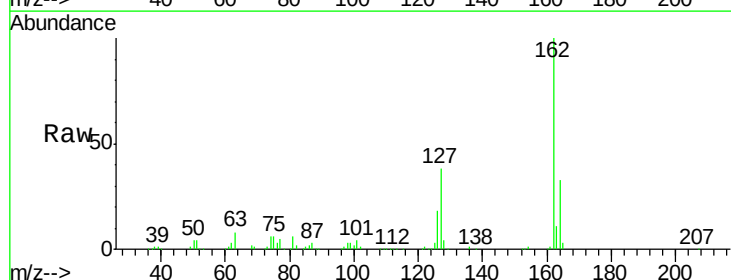
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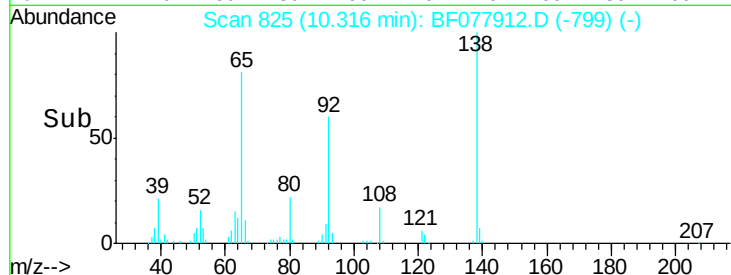
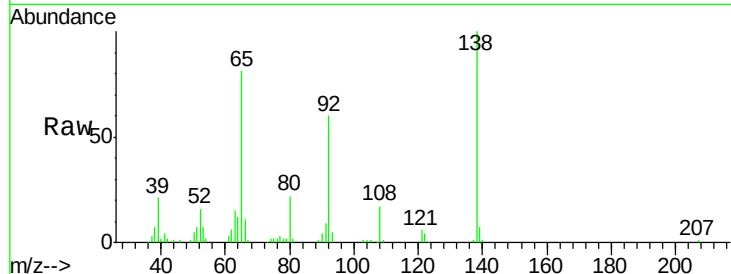
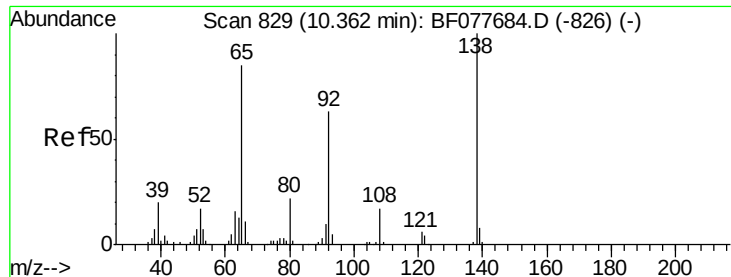
mohammad
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#46
2-Chloronaphthalene
Concen: 41.02 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	212585		
127	38.5	26.9	40.3	
164	33.3	26.8	40.2	





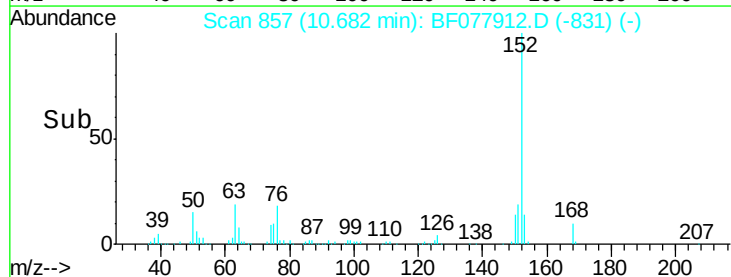
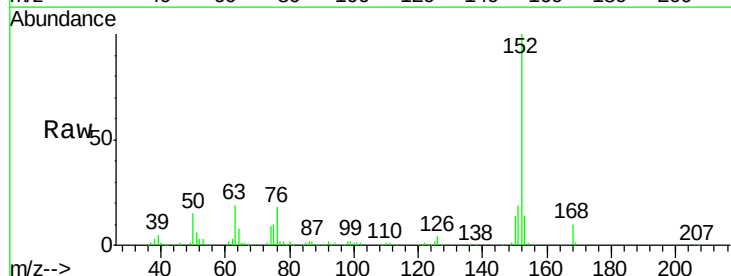
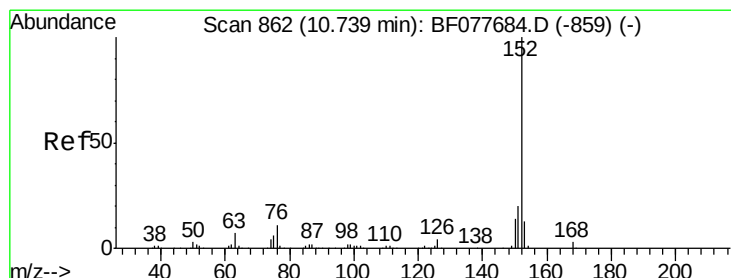
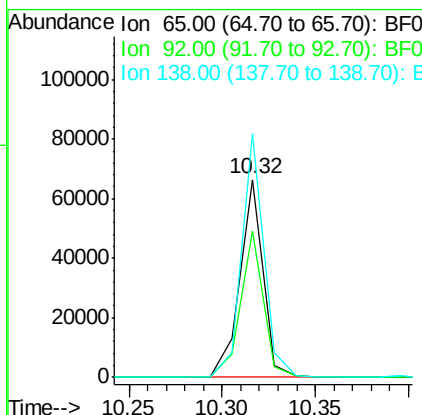
#47
2-Nitroaniline
Concen: 44.82 ng
RT: 10.32 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion: 65 Resp: 57692
Ion Ratio Lower Upper
65 100
92 74.3 59.1 88.7
138 123.1 93.9 140.9

Instrument :
BNA_F
ClientSampleId :
PB82277BS

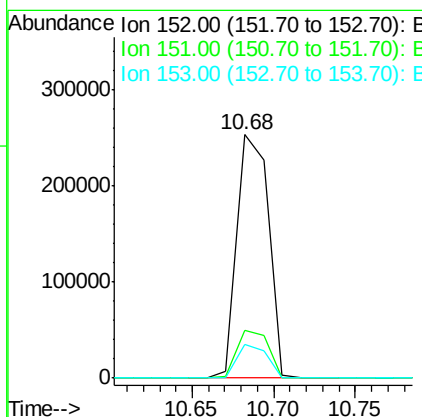
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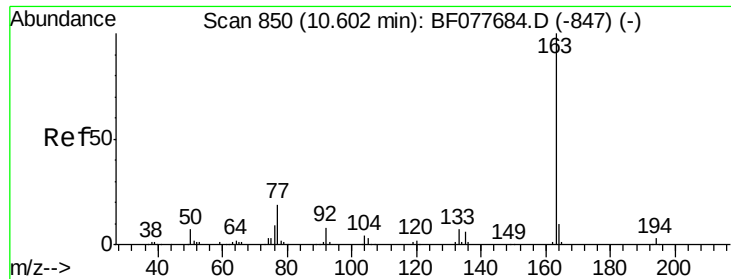
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#48
Acenaphthylene
Concen: 38.93 ng
RT: 10.68 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion: 152 Resp: 335513
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.8 10.6 16.0





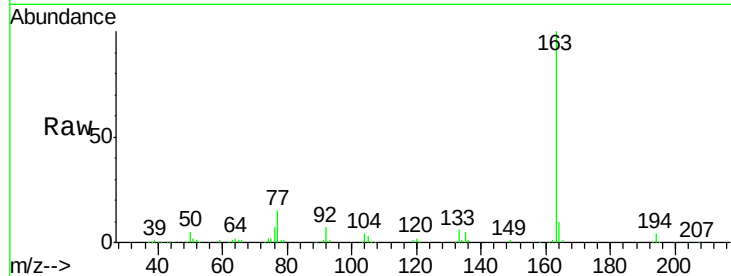
#49
Dimethylphthalate
Concen: 42.67 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

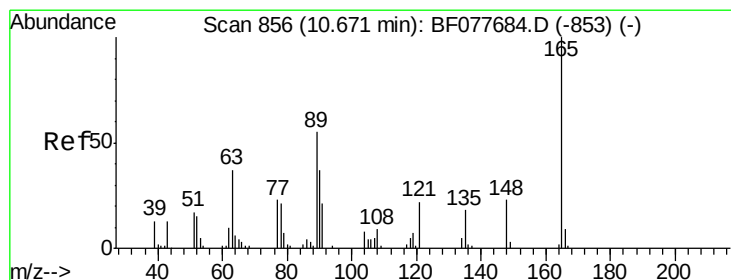
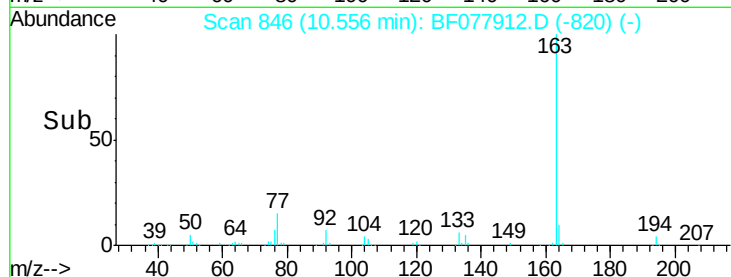
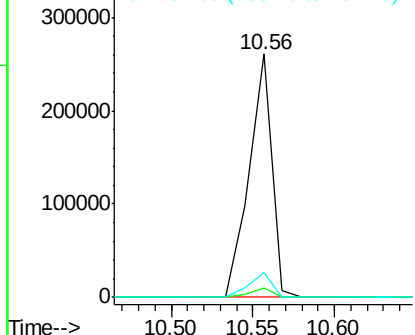
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.2	12.2

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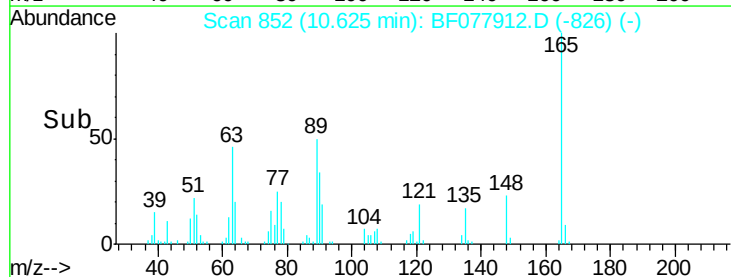
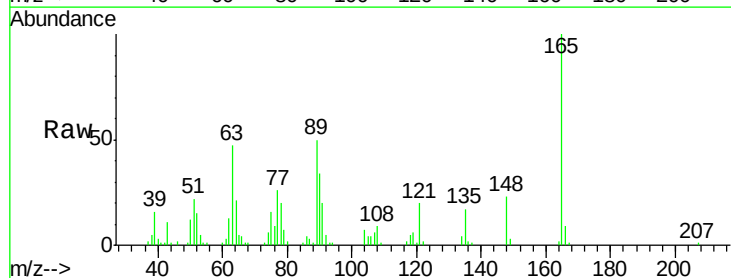
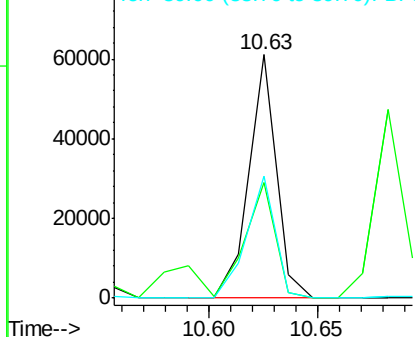
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

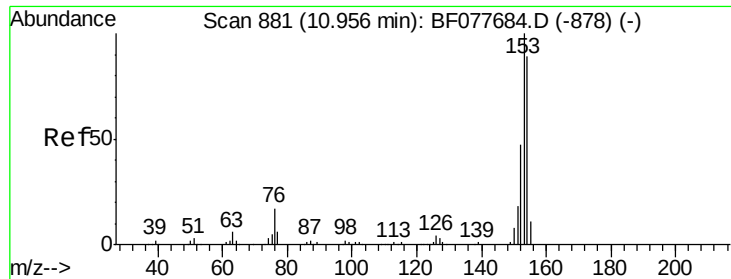


#50
2,6-Dinitrotoluene
Concen: 43.62 ng
RT: 10.63 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	47.4	44.1	66.1
89	50.4	44.3	66.5

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





#51

Acenaphthene

Concen: 38.65 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

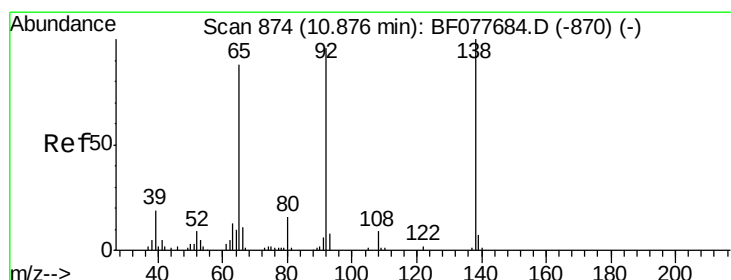
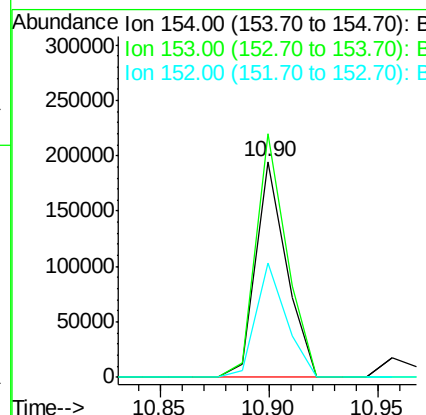
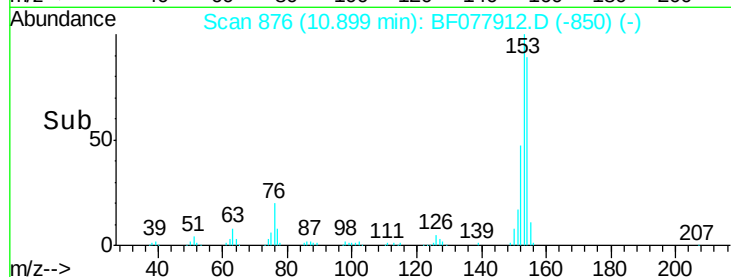
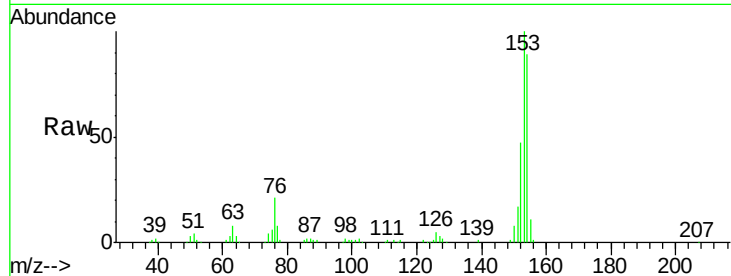
ClientSampleId :

PB82277BS

Tgt Ion:	154	Resp:	190990
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.0	135.0
152	53.0	42.6	63.8

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#52

3-Nitroaniline

Concen: 22.21 ng

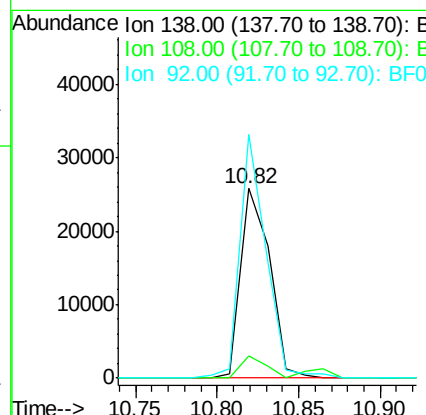
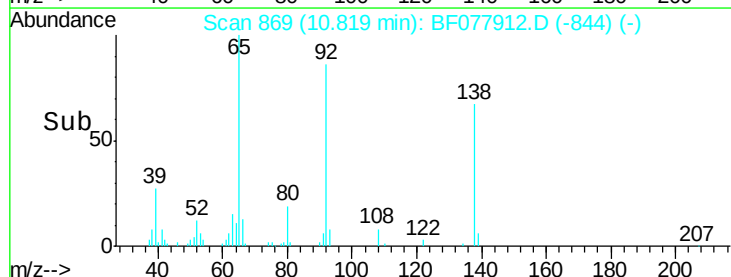
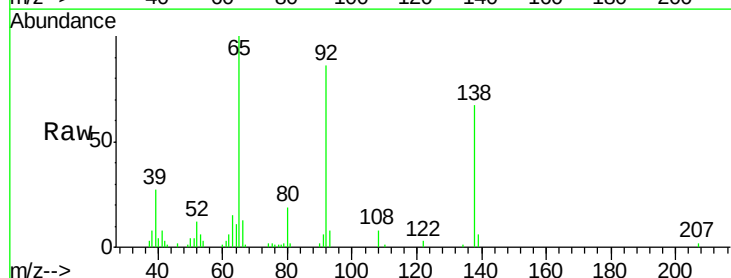
RT: 10.82 min Scan# 869

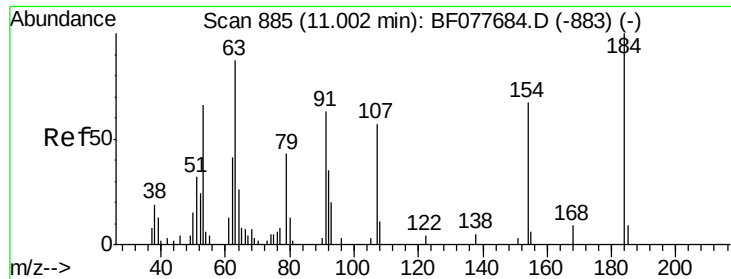
Delta R.T. -0.01 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	138	Resp:	31643
Ion Ratio	Lower	Upper	
138	100		
108	11.8	7.3	10.9#
92	128.4	76.6	114.8#





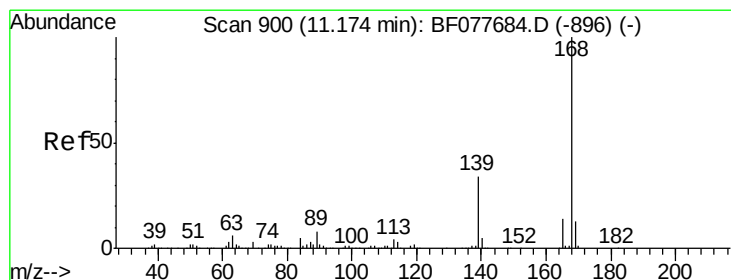
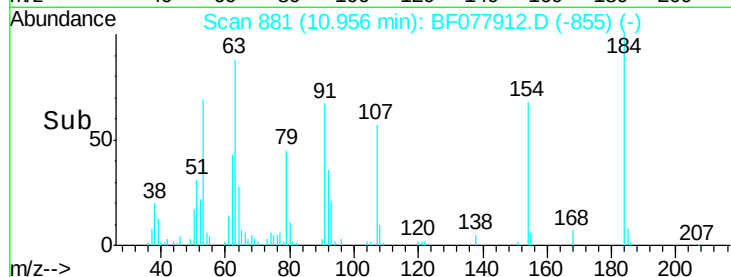
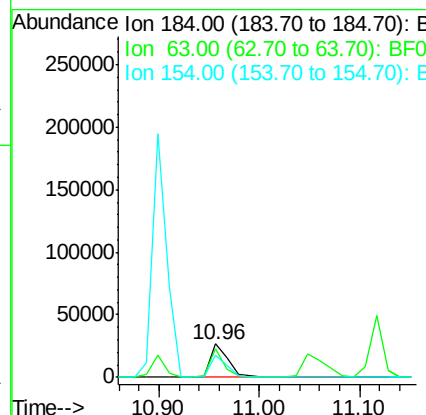
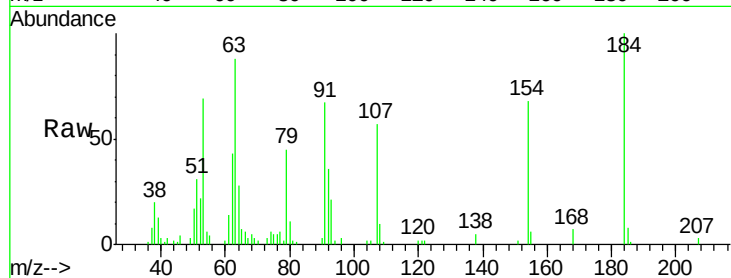
#53
2,4-Dinitrophenol
Concen: 76.12 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	34106		
63	88.0	69.2	103.8	
154	67.9	53.3	79.9	

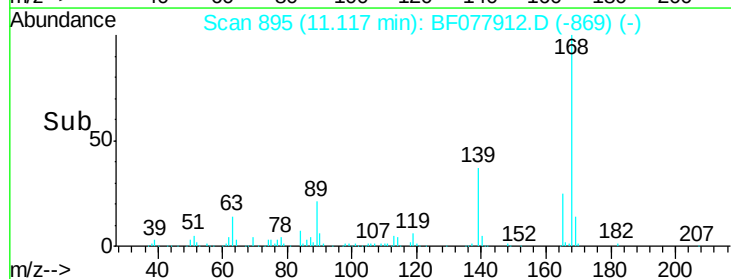
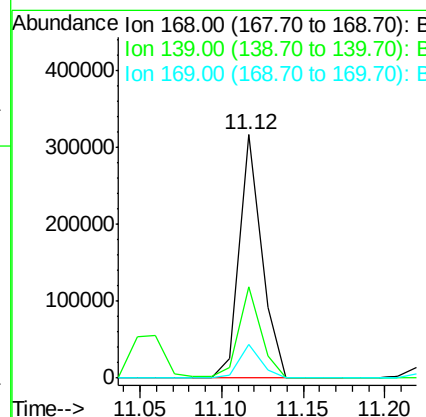
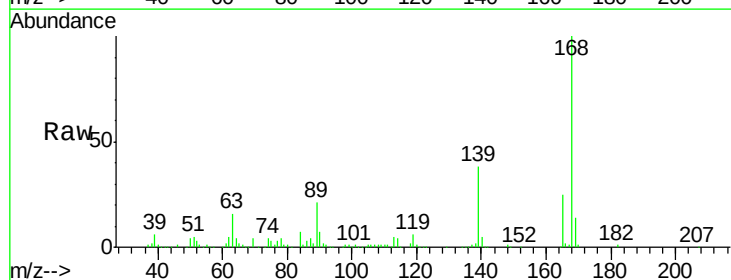
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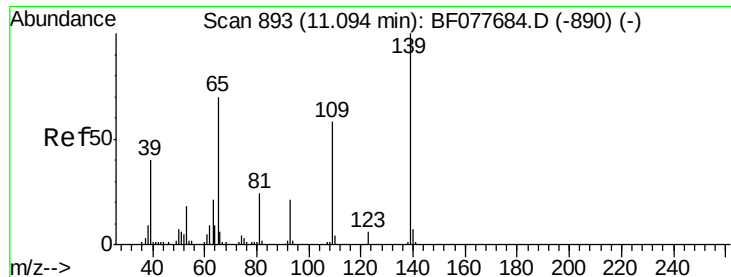
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#54
Dibenzofuran
Concen: 40.94 ng
RT: 11.12 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	300088		
139	37.6	27.3	40.9	
169	13.8	10.6	16.0	





#55

4-Nitrophenol

Concen: 78.43 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

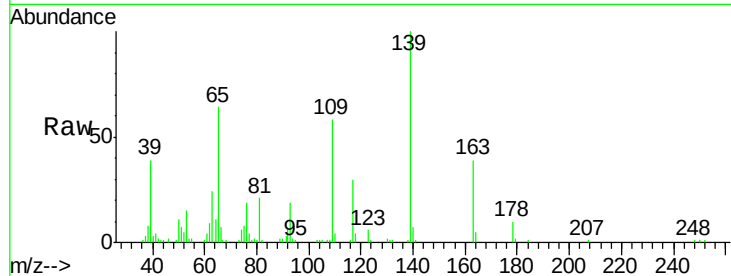
ClientSampleID :

PB82277BS

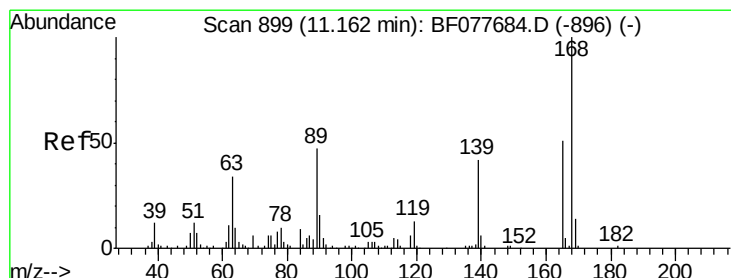
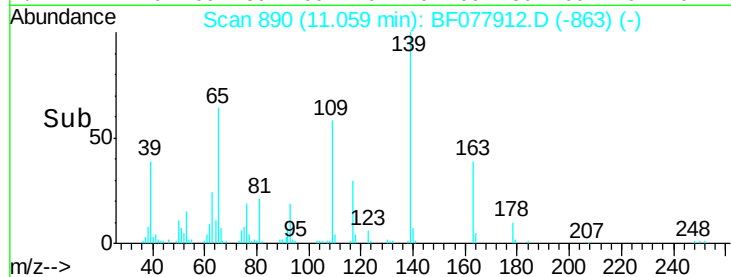
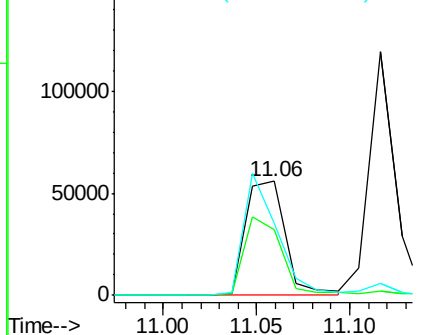
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Tgt Ion:	139	Resp:	82756
Ion	Ratio	Lower	Upper
139	100		
109	57.9	37.7	77.7
65	63.7	49.9	89.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.92 ng

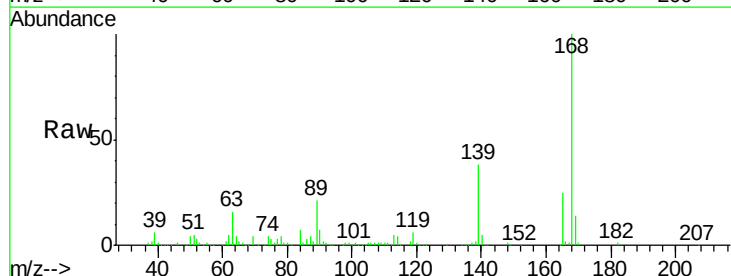
RT: 11.12 min Scan# 895

Delta R.T. 0.00 min

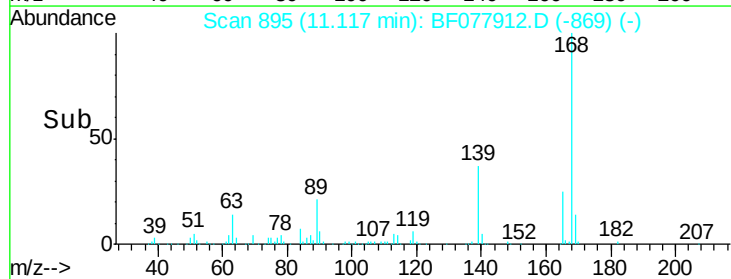
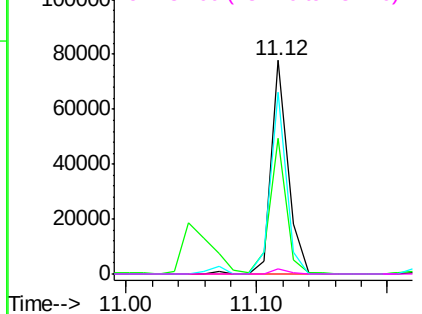
Lab File: BF077912.D

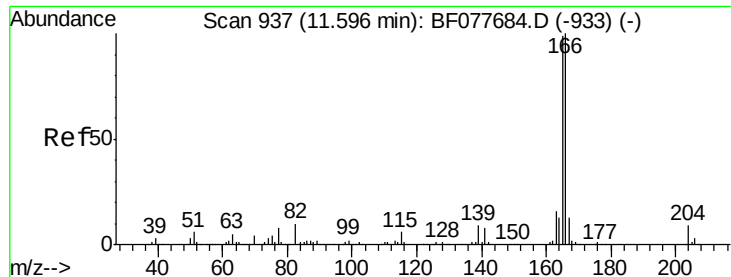
Acq: 24 Mar 2015 14:13

Tgt Ion:	165	Resp:	70239
Ion	Ratio	Lower	Upper
165	100		
63	63.6	52.4	78.6
89	85.1	72.4	108.6
182	2.2	2.0	3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





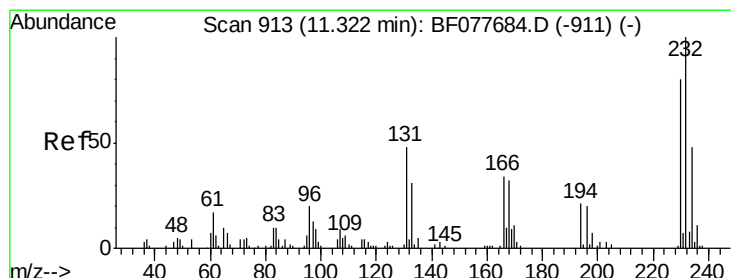
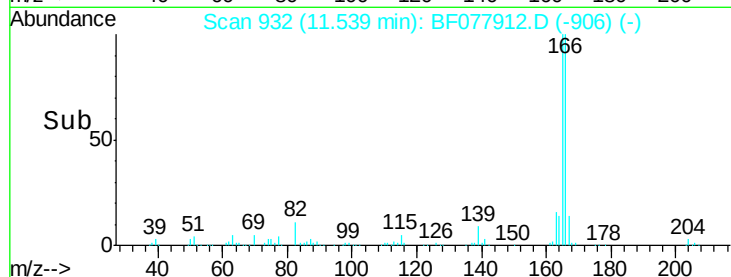
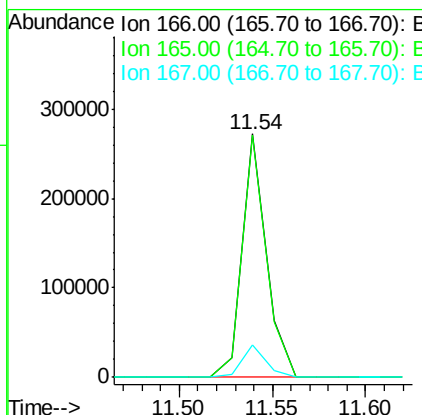
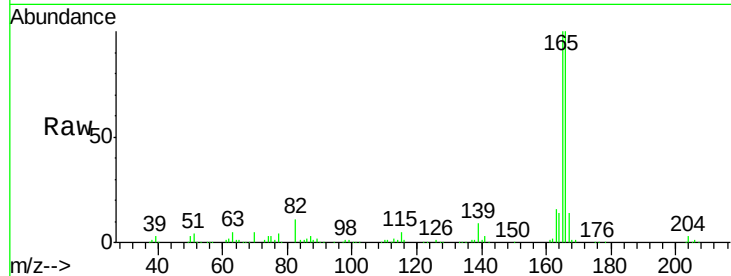
#57
 Fluorene
 Concen: 40.37 ng
 RT: 11.54 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	245665		
165	99.6	79.0	118.4	
167	13.6	10.3	15.5	

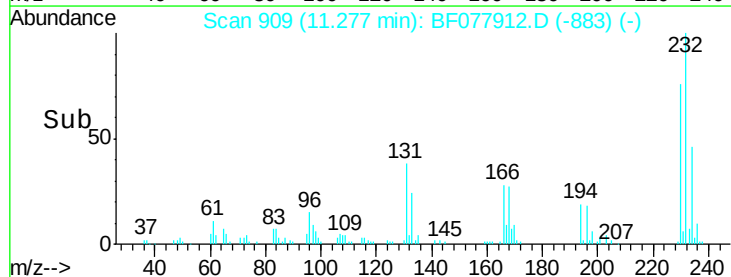
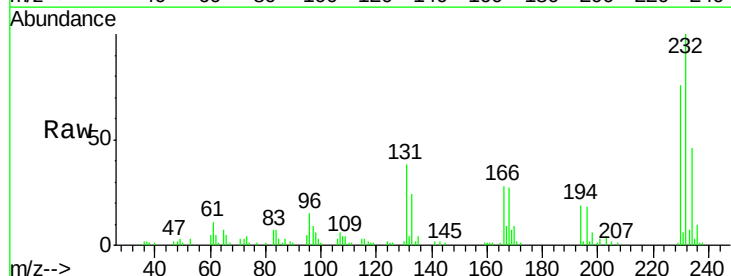
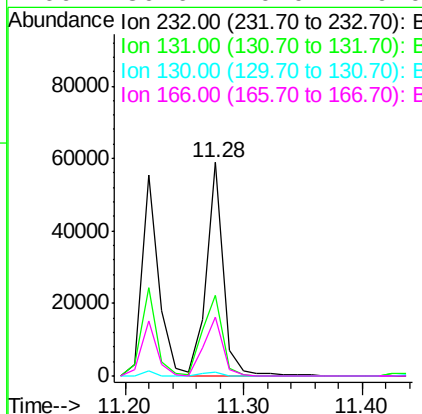
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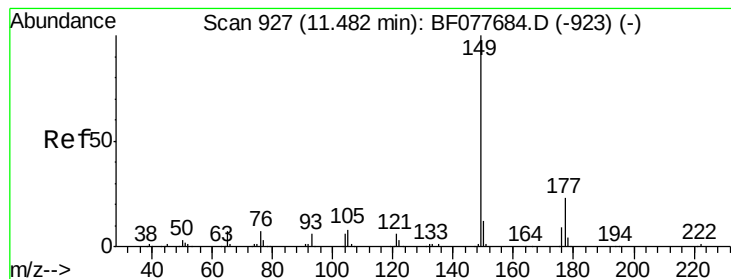
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.81 ng
 RT: 11.28 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	58700		
131	43.9	0.0	0.0#	
130	2.0	0.0	0.0#	
166	30.6	0.0	0.0#	





#59

Diethylphthalate

Concen: 40.36 ng

RT: 11.43 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

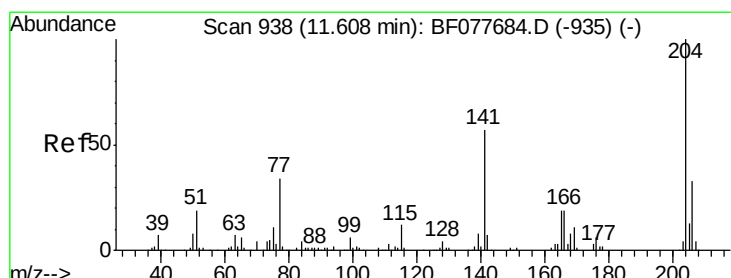
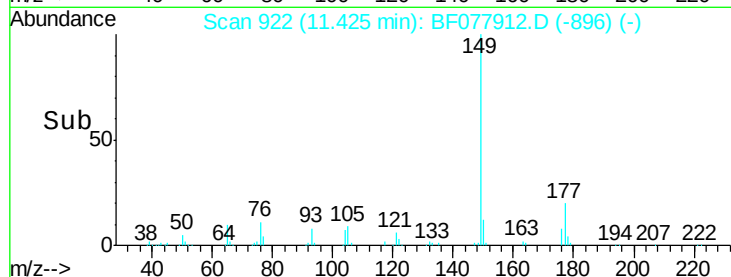
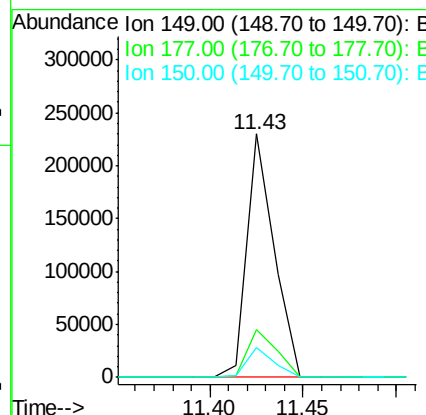
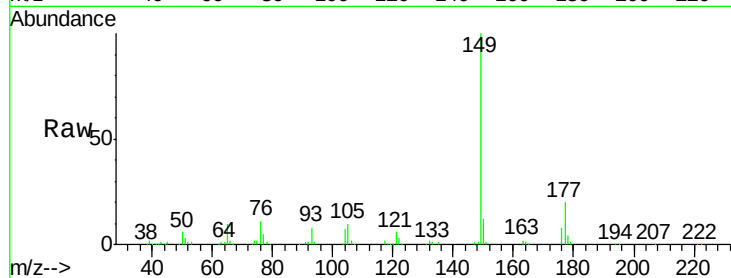
ClientSampleId :

PB82277BS

Tgt Ion:	149	Resp:	232716
Ion Ratio	Lower	Upper	
149	100		
177	19.6	18.3	27.5
150	12.4	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 39.63 ng

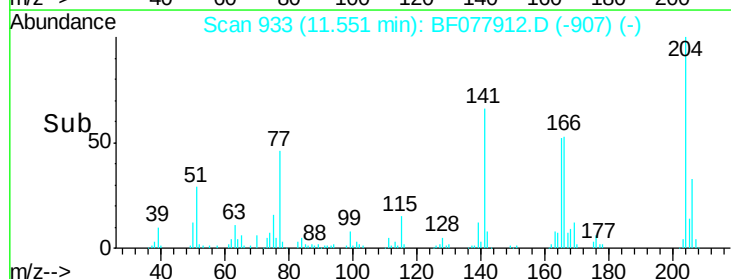
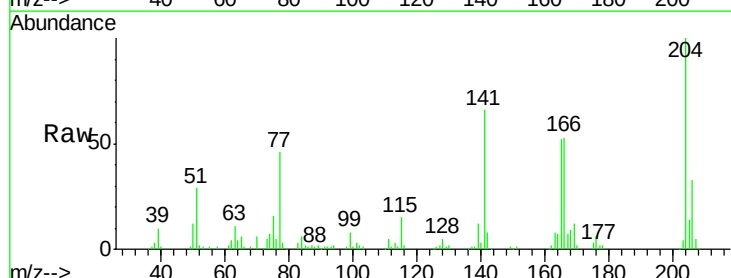
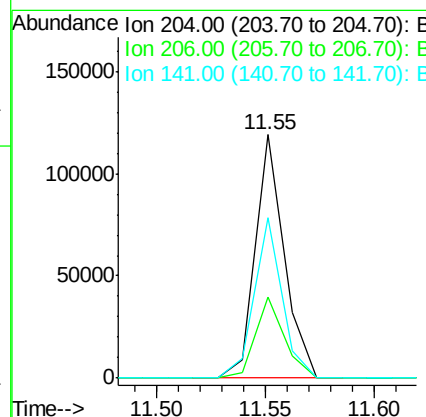
RT: 11.55 min Scan# 933

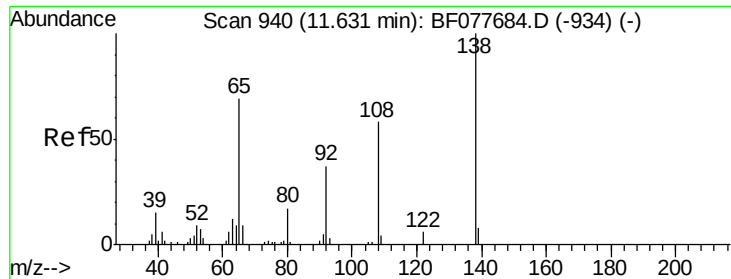
Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	204	Resp:	110062
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.6	39.8
141	66.0	45.2	67.8





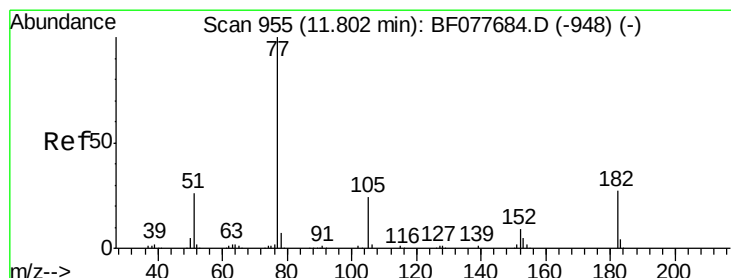
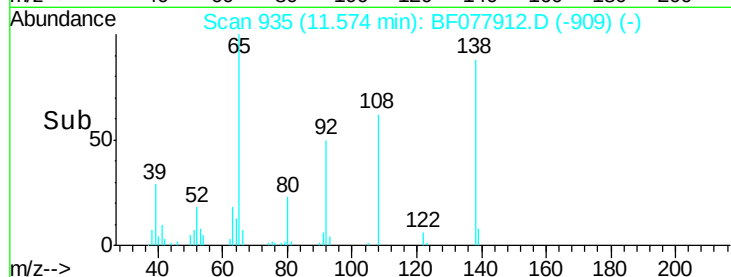
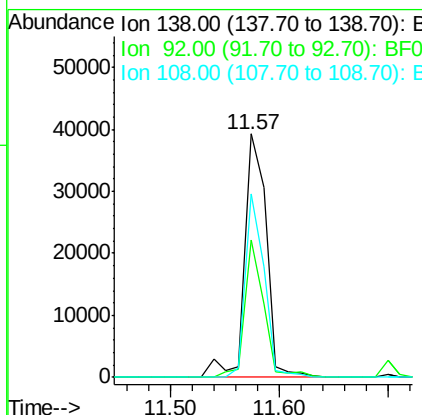
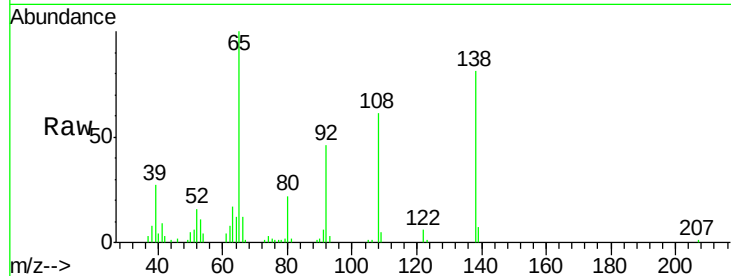
#61
4-Nitroaniline
Concen: 38.14 ng
RT: 11.57 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.4	16.7	56.7
108	75.6	37.6	77.6

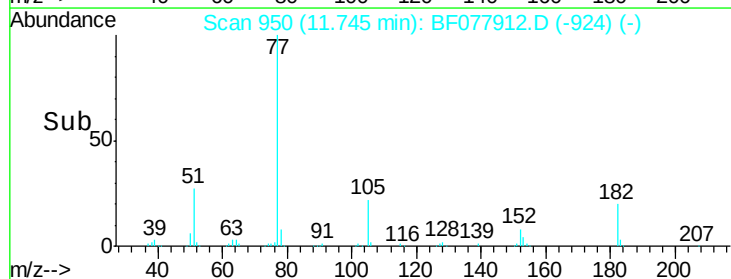
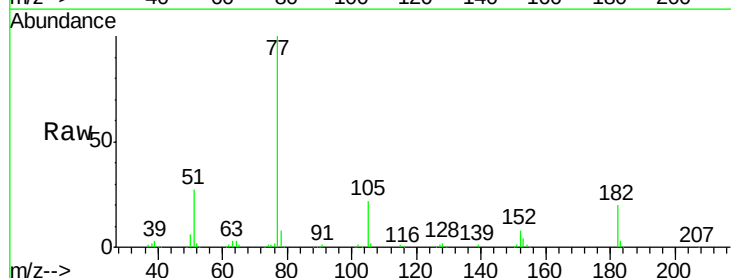
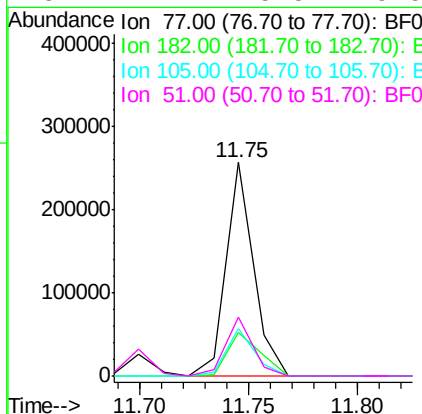
Manual Integrations
APPROVED

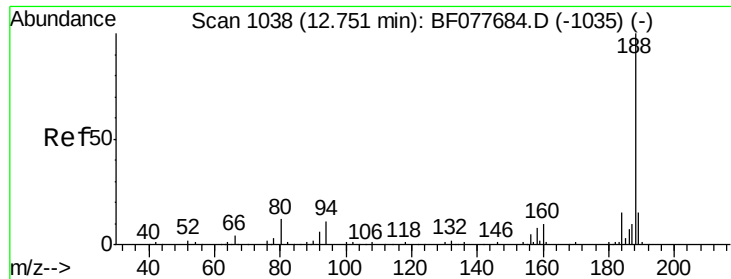
mohammad
3/25/2015 5:01:03 PM



#62
Azobenzene
Concen: 41.03 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	6.5	46.5
105	22.2	3.8	43.8
51	27.4	5.5	45.5





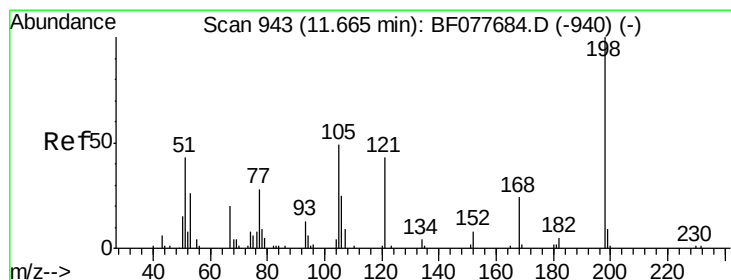
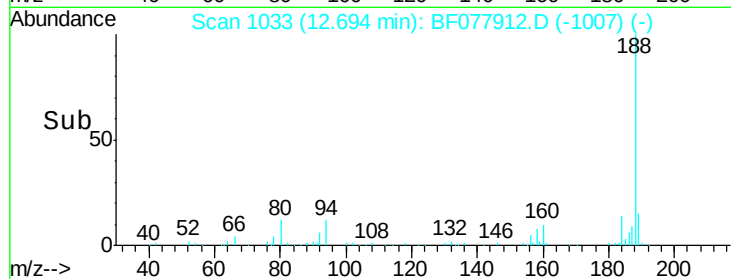
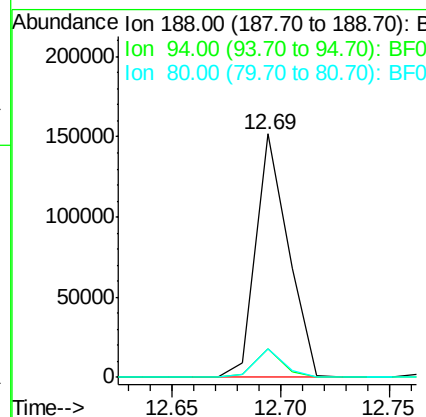
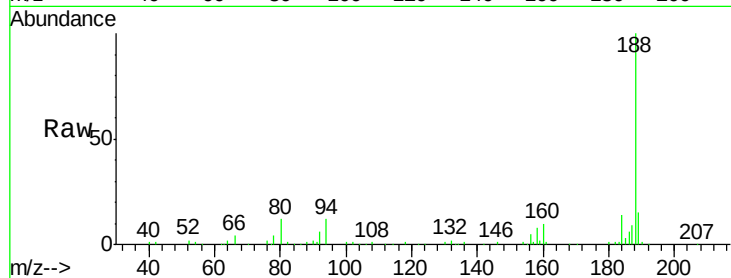
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	157806		
94	11.5	8.7	13.1	
80	11.9	9.3	13.9	

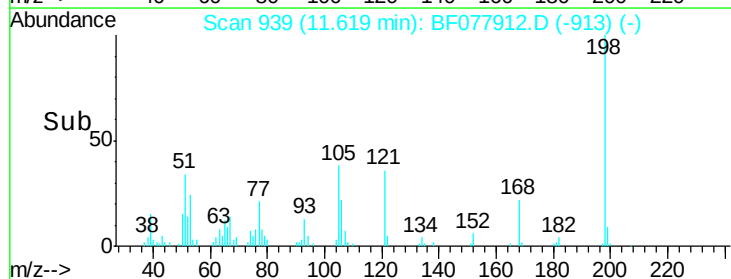
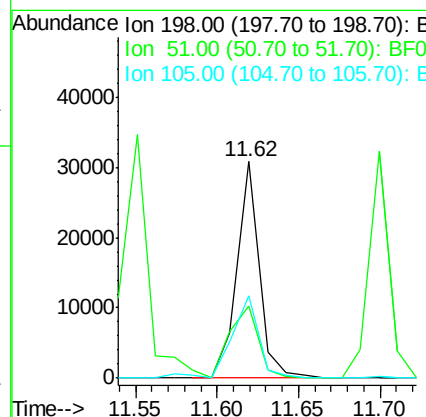
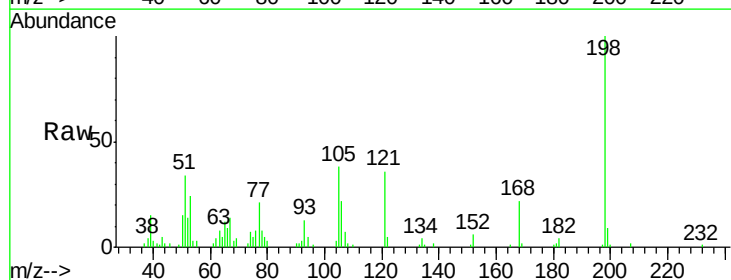
Manual Integrations
APPROVED

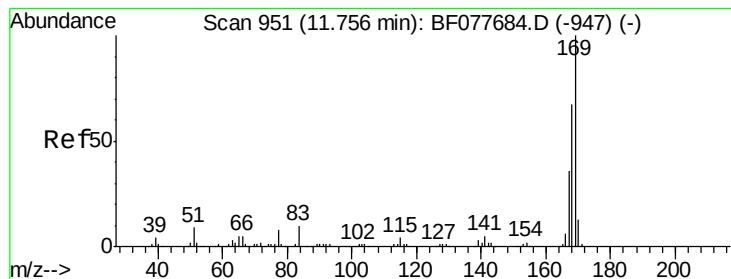
mohammad
3/25/2015 5:01:03 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.57 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	28867		
51	33.6	28.8	68.8	
105	37.8	30.5	70.5	





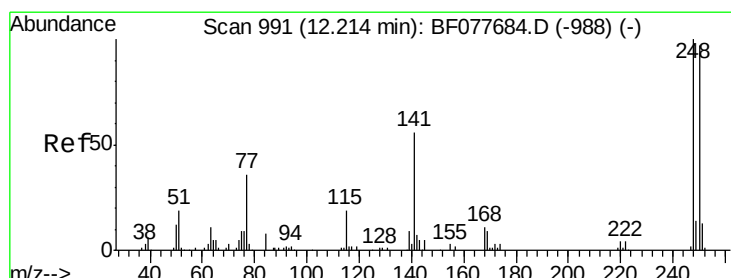
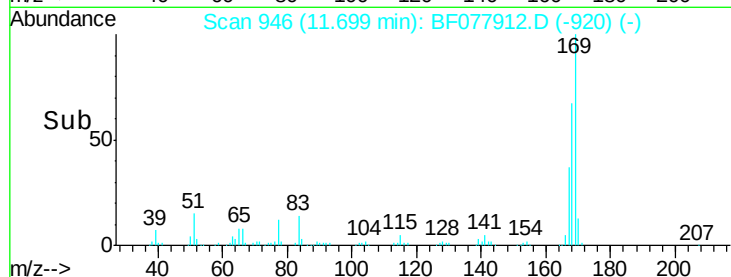
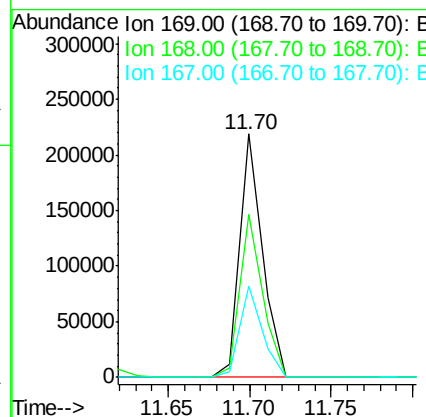
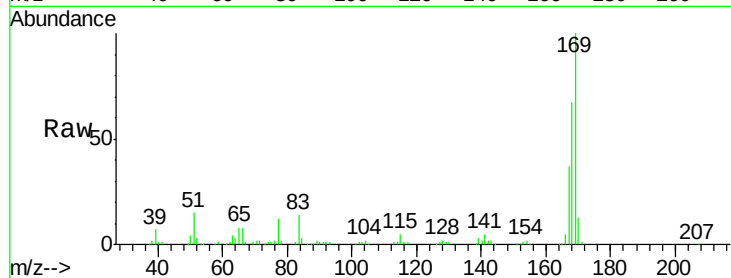
#65
 n-Nitrosodiphenylamine
 Concen: 39.71 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleID :
 PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	208636		
168	67.1	53.9	80.9	
167	37.3	28.9	43.3	

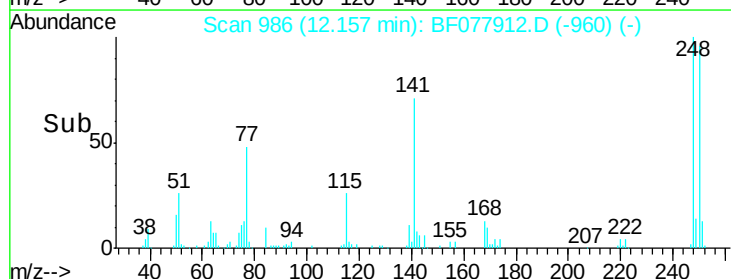
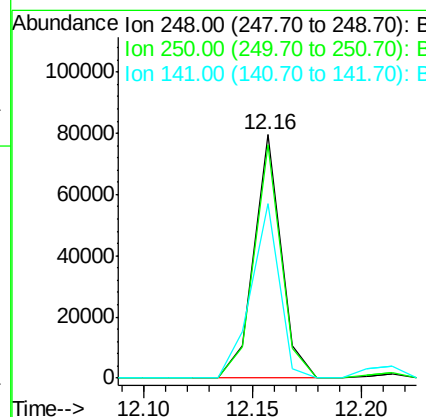
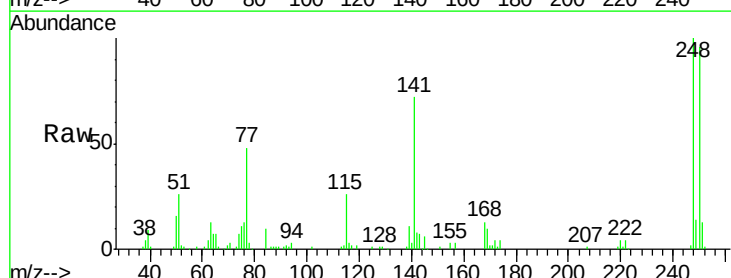
Manual Integrations
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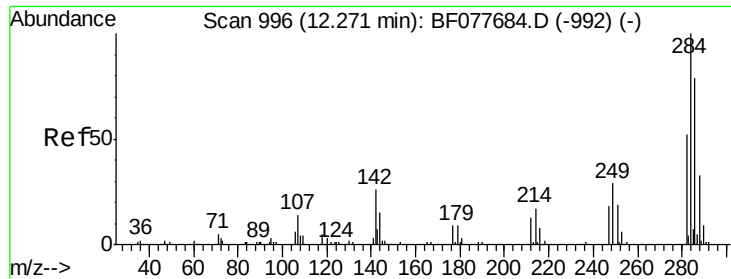
mohammad
 3/25/2015 5:01:03 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.04 ng
 RT: 12.16 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	69109		
250	95.7	77.4	116.0	
141	71.7	45.2	67.8	





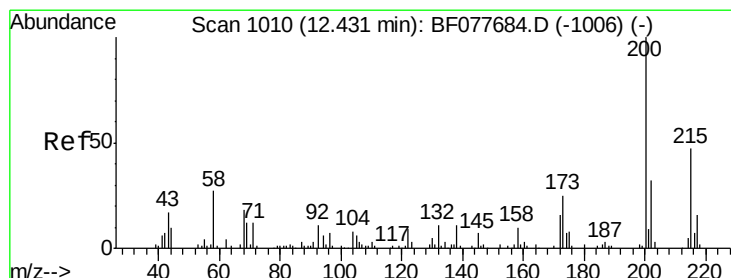
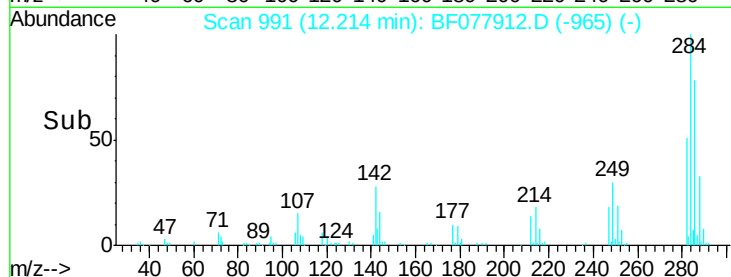
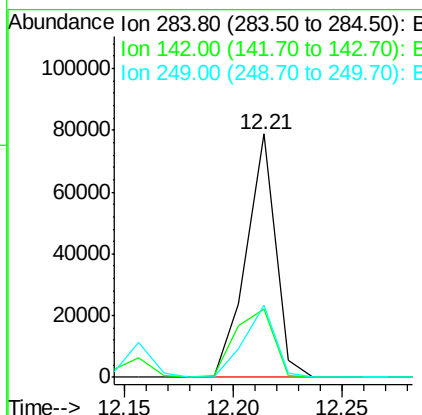
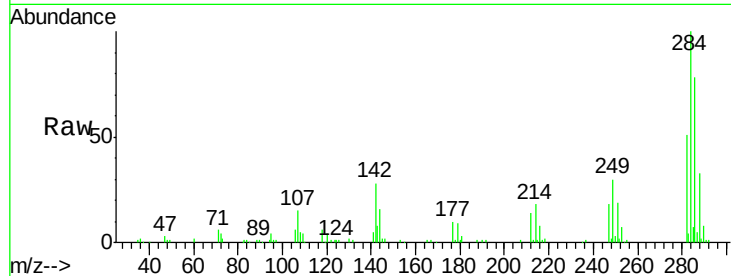
#67
Hexachlorobenzene
Concen: 40.05 ng
RT: 12.21 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	74105		
142	28.1	20.4	30.6	
249	29.8	23.8	35.6	

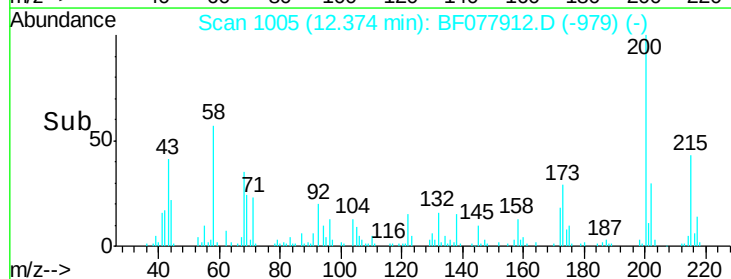
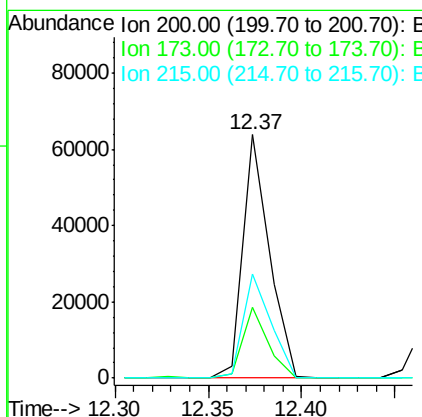
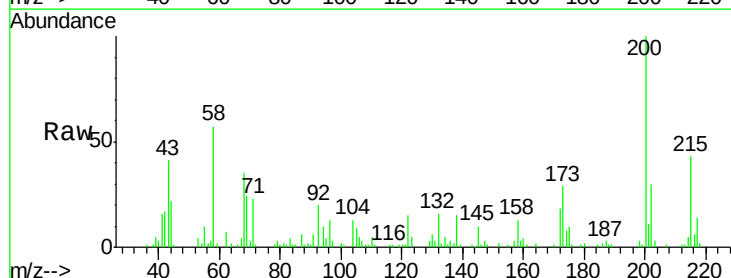
Manual Integrations
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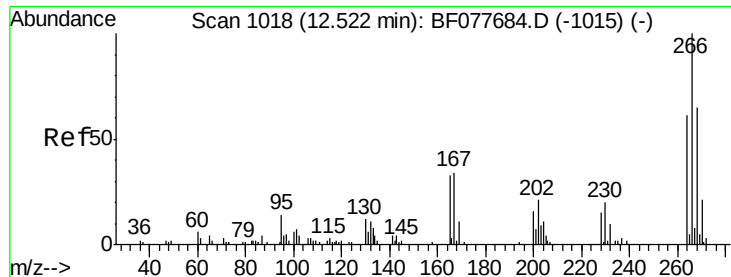
mohammad
3/25/2015 5:01:03 PM



#68
Atrazine
Concen: 42.87 ng
RT: 12.37 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	63133		
173	28.9	4.8	44.8	
215	42.6	26.9	66.9	





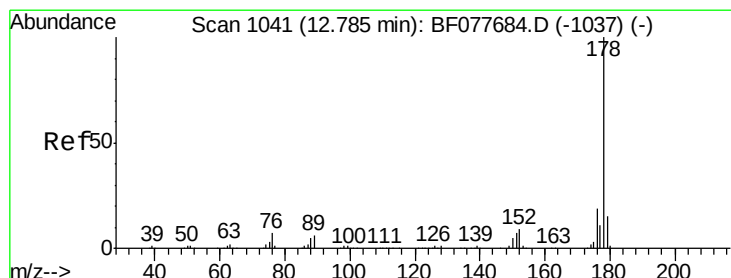
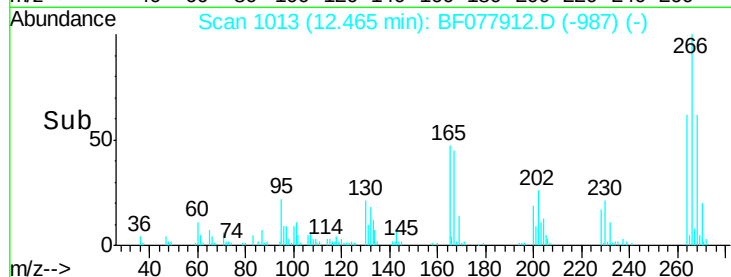
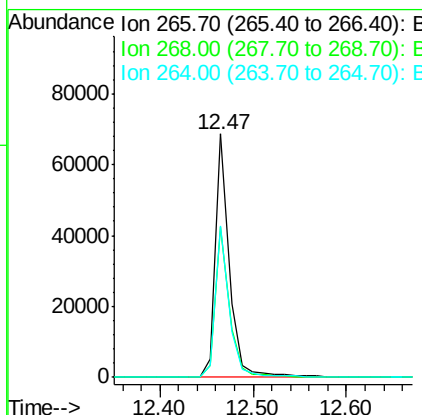
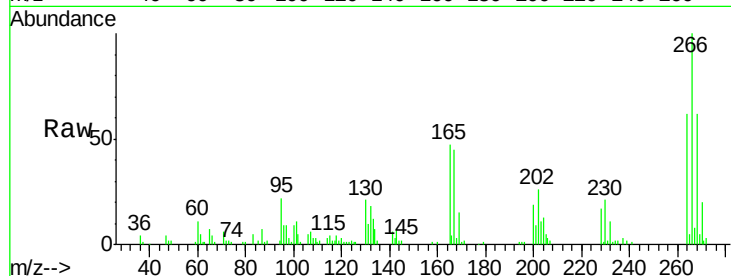
#69
 Pentachlorophenol
 Concen: 73.62 ng
 RT: 12.47 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	71103		
268	61.8	52.0	78.0	
264	62.3	49.0	73.4	

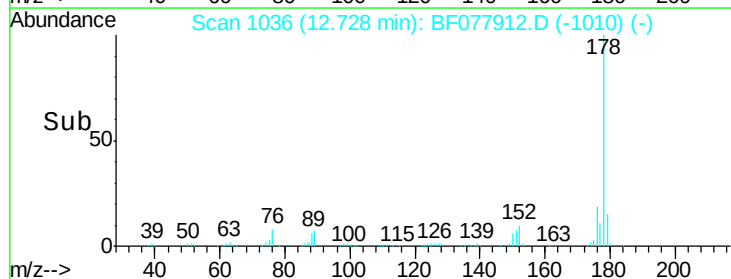
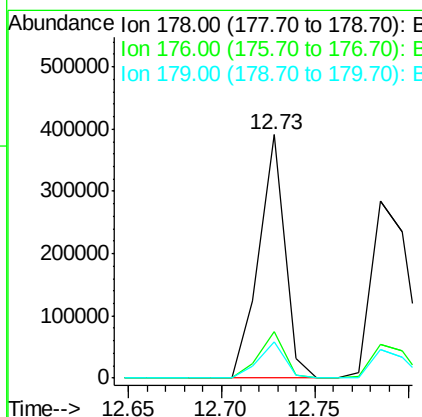
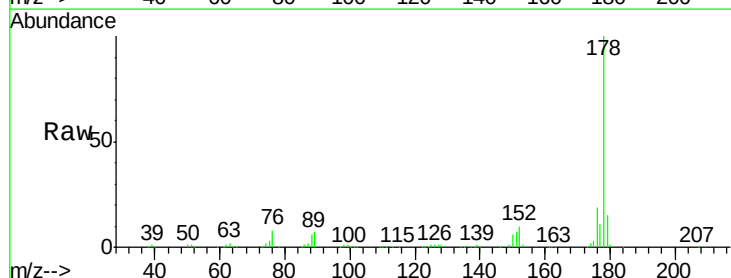
Manual Integrations
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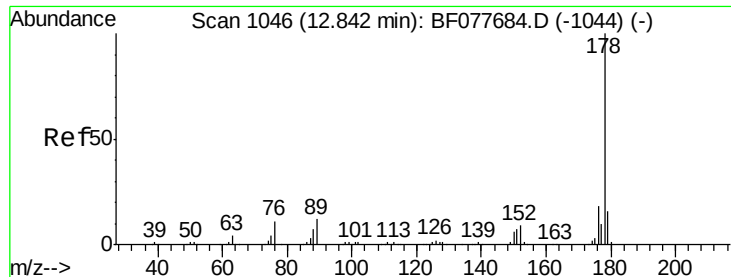
mohammad
 3/25/2015 5:01:03 PM



#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	376105		
176	19.0	15.2	22.8	
179	14.9	12.1	18.1	





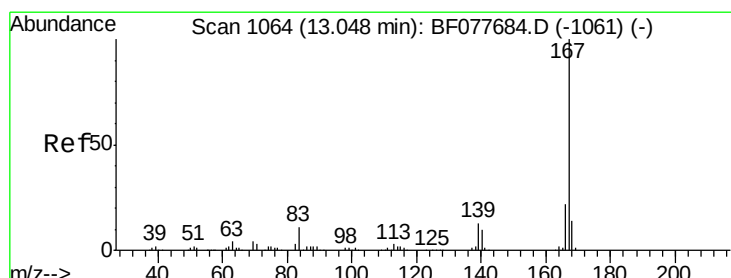
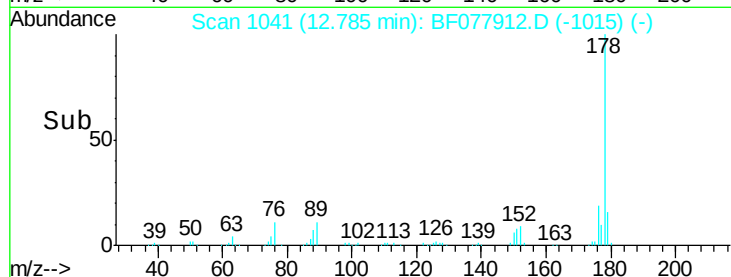
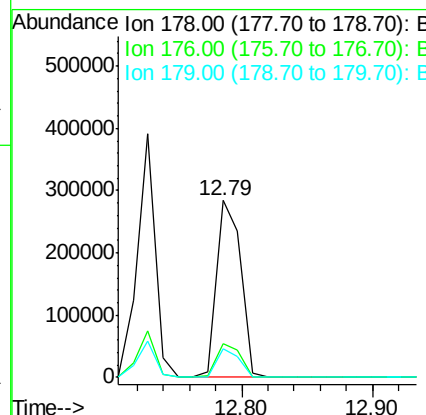
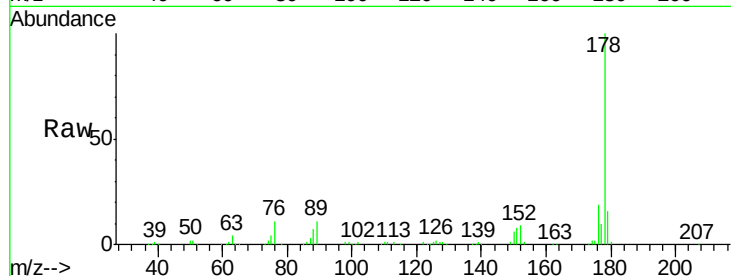
#71
 Anthracene
 Concen: 41.16 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampled :
 PB82277BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.9	12.6	19.0

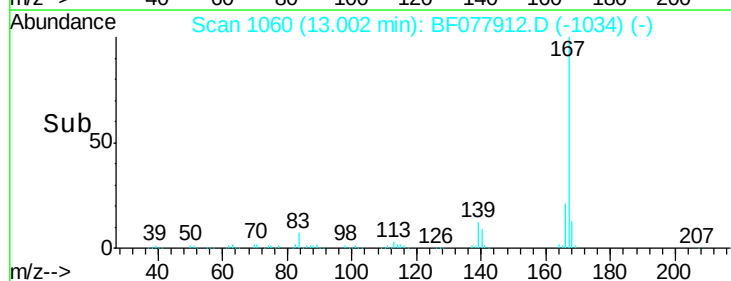
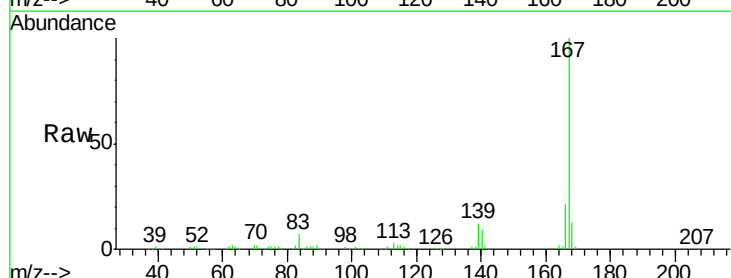
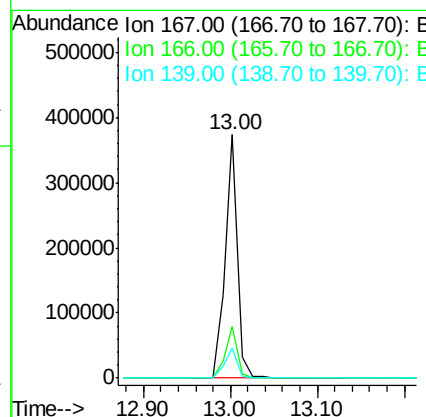
Manual Integrations
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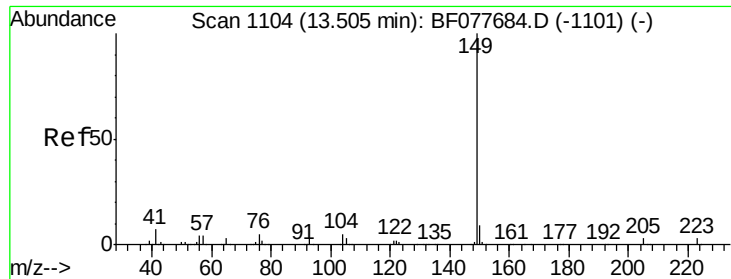
mohammad
 3/25/2015 5:01:03 PM



#72
 Carbazole
 Concen: 43.76 ng
 RT: 13.00 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.1	10.8	16.2





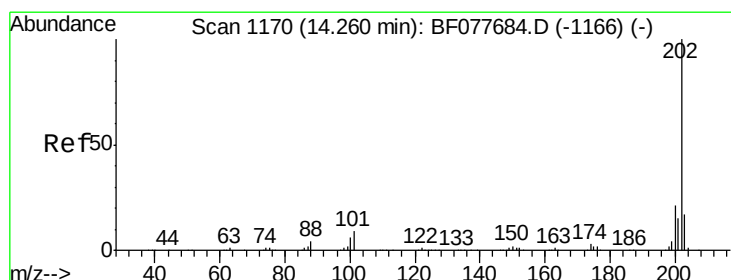
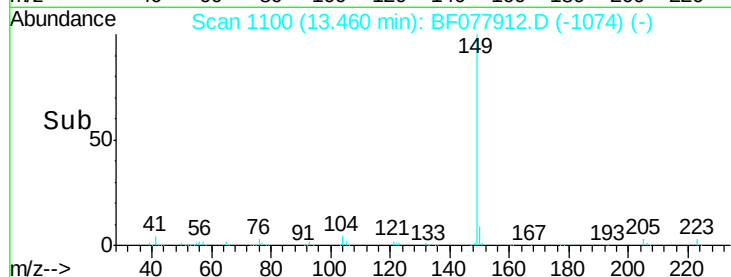
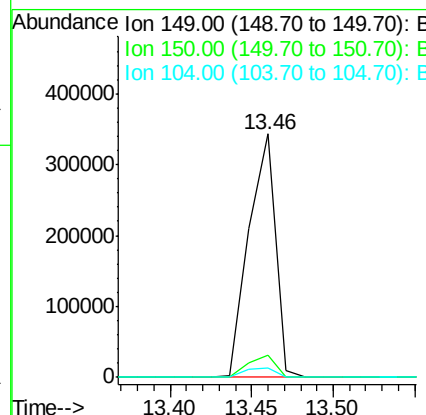
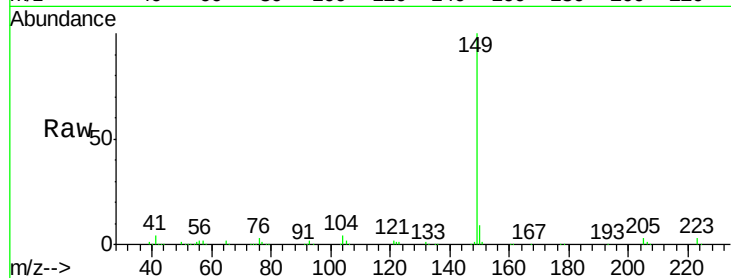
#73
Di-n-butylphthalate
Concen: 40.61 ng
RT: 13.46 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	387641		
150	8.9	7.5	11.3	
104	3.8	3.7	5.5	

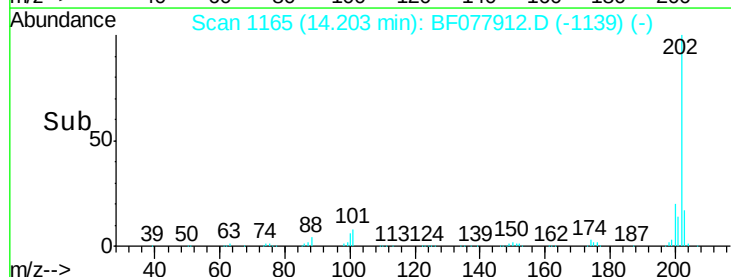
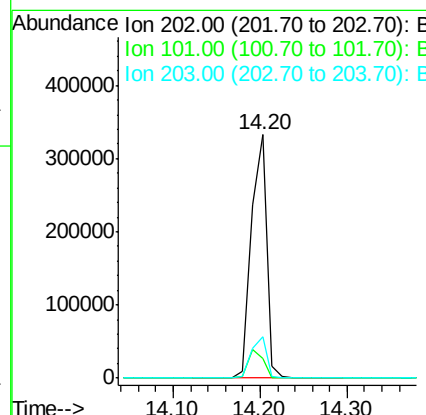
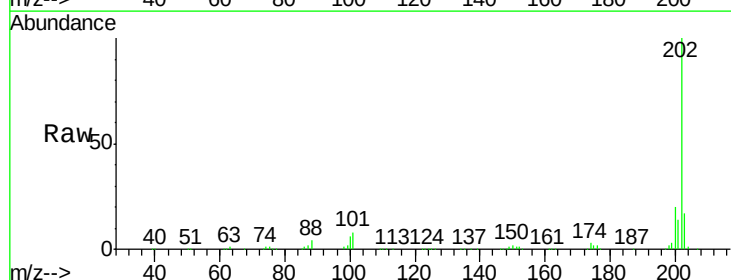
Manual Integrations
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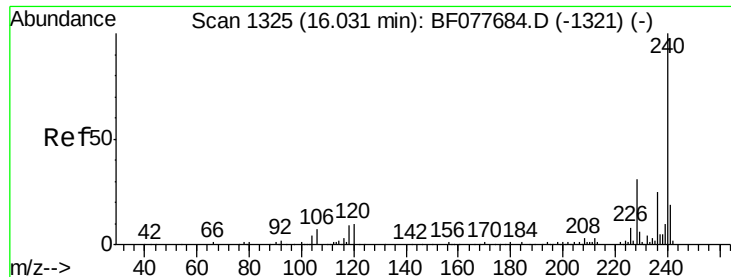
mohammad
3/25/2015 5:01:03 PM



#74
Fluoranthene
Concen: 41.24 ng
RT: 14.20 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	412037		
101	8.2	0.0	28.7	
203	16.9	0.0	37.2	





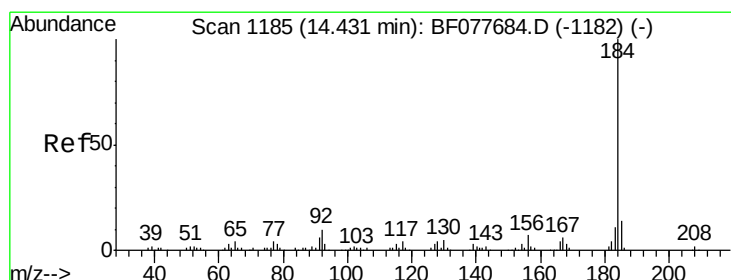
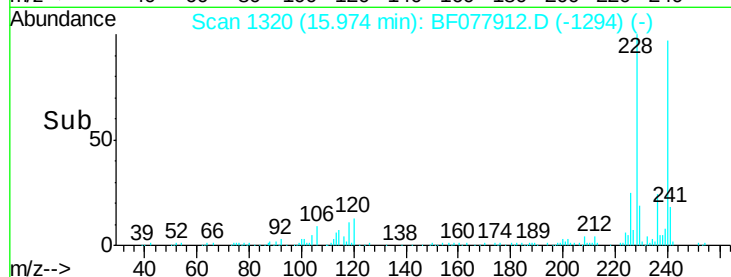
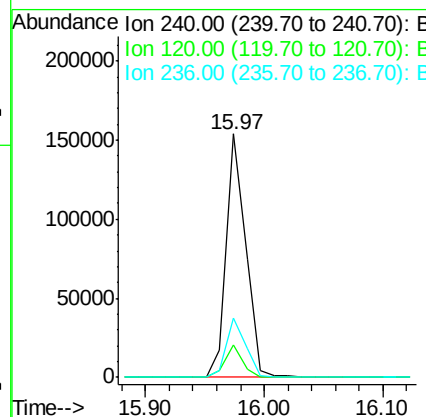
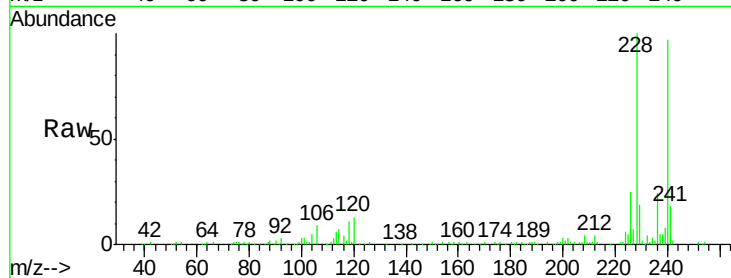
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	174032		
120	13.4	8.2	12.2#	
236	24.4	20.0	30.0	

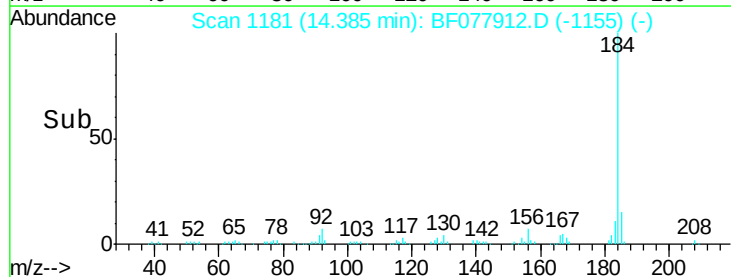
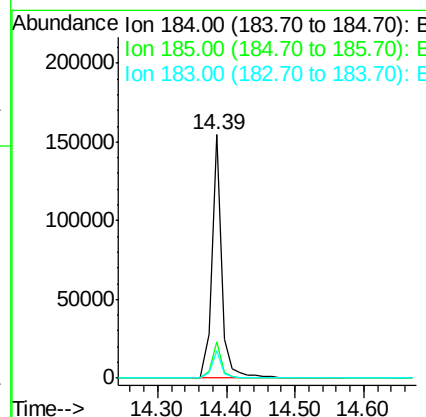
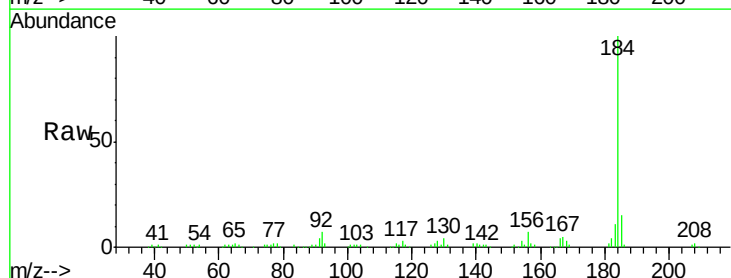
Manual Integrations
APPROVED

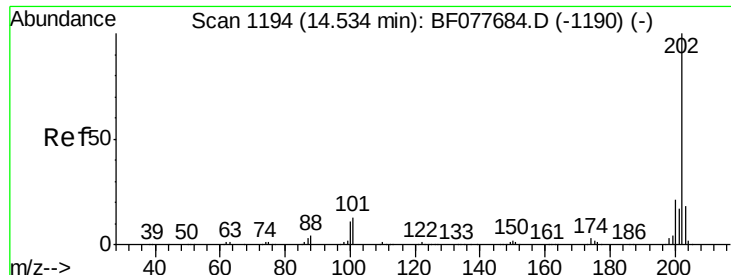
mohammad
3/25/2015 5:01:03 PM



#76
Benzidine
Concen: 35.81 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	154353		
185	14.9	11.3	16.9	
183	11.2	8.9	13.3	





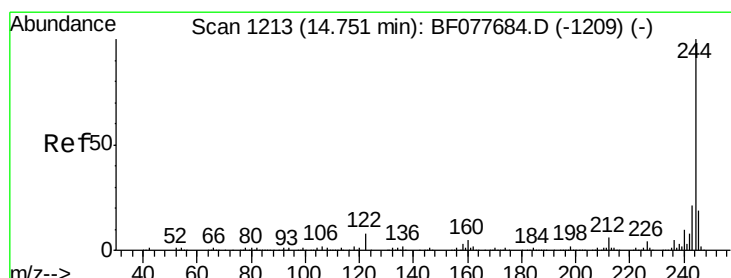
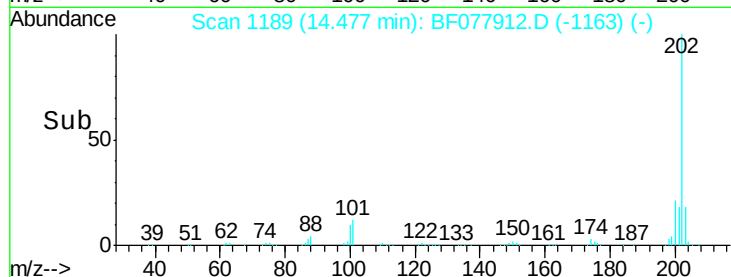
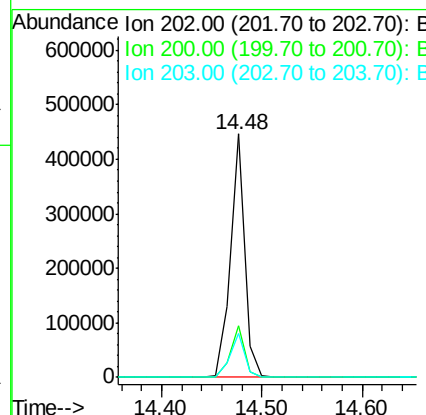
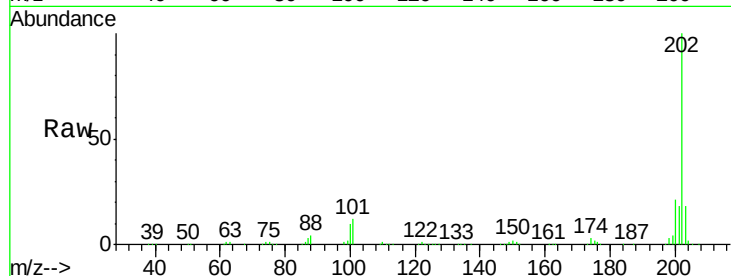
#77
 Pyrene
 Concen: 40.18 ng
 RT: 14.48 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	439758		
200	21.2	16.9	25.3	
203	17.8	14.1	21.1	

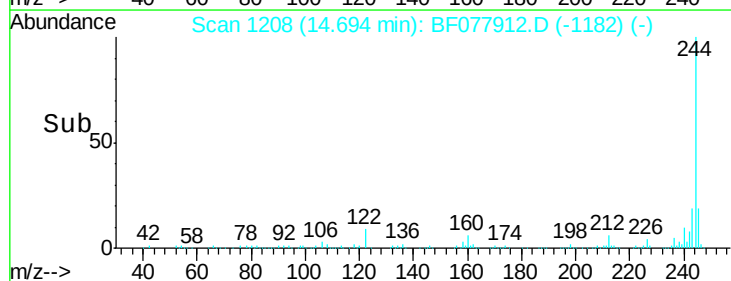
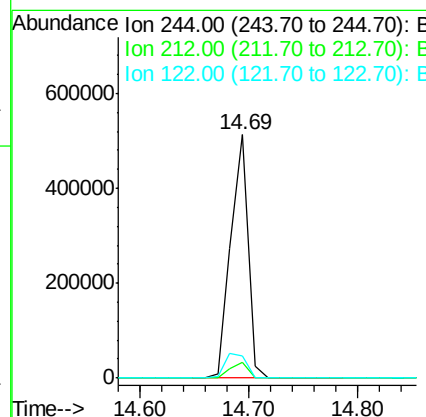
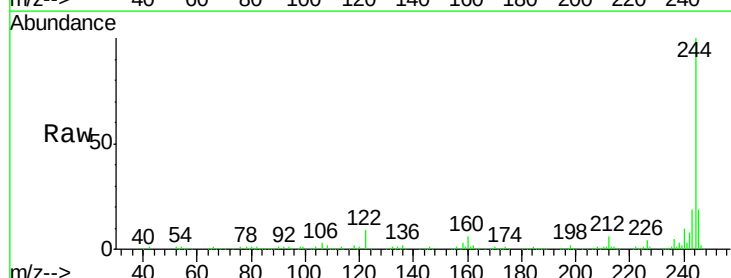
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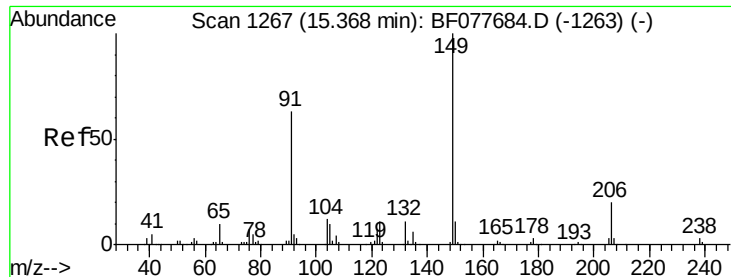
mohammad
 3/25/2015 5:01:03 PM



#78
 Terphenyl-d14
 Concen: 79.24 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	564533		
212	6.5	4.9	7.3	
122	9.0	6.2	9.4	





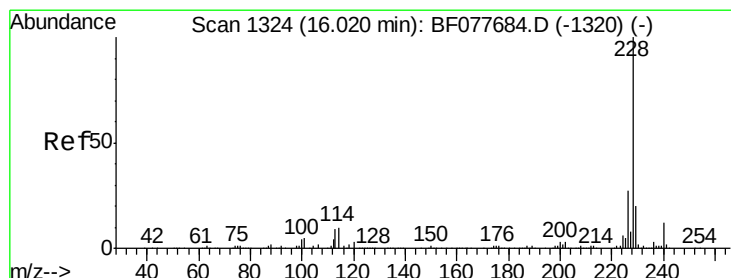
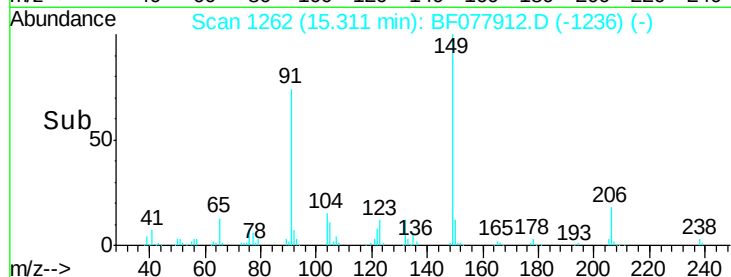
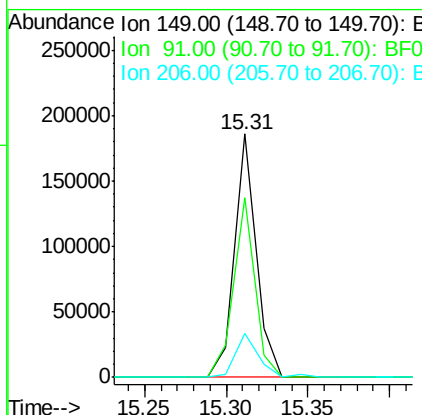
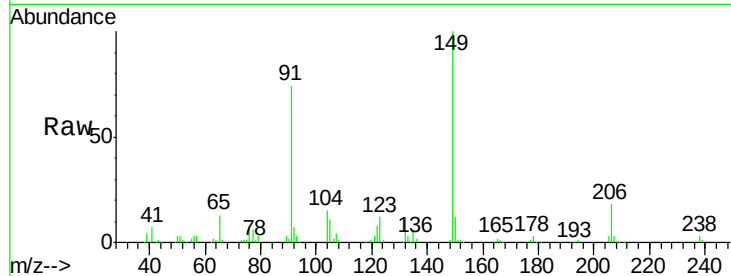
#79
Butylbenzylphthalate
Concen: 39.39 ng
RT: 15.31 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	169945		
91	73.6	50.1	75.1	
206	18.0	16.2	24.2	

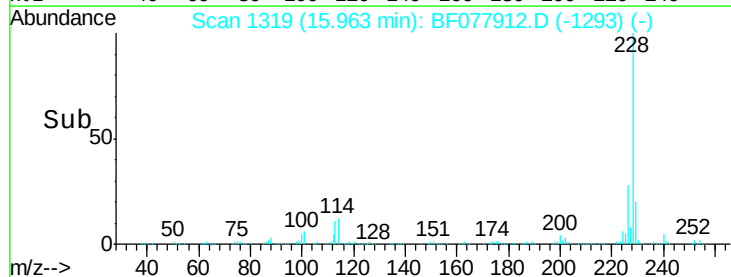
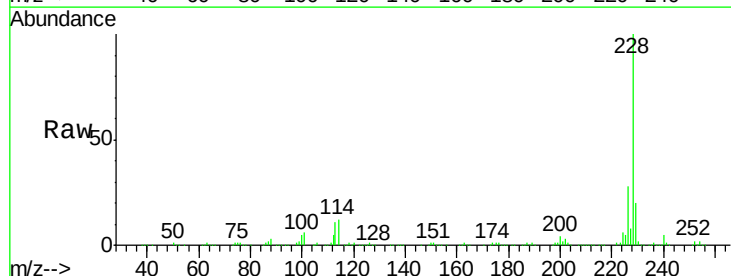
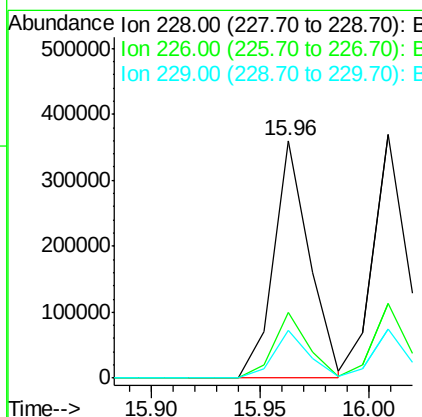
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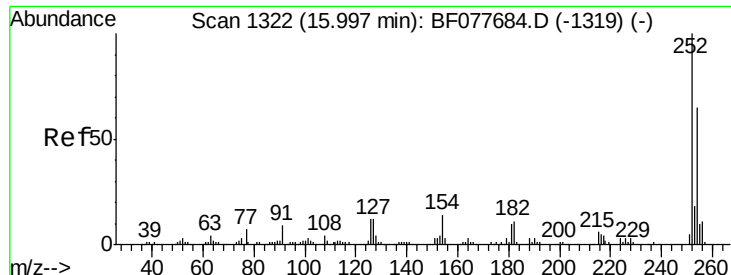
mohammad
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#80
Benzo(a)anthracene
Concen: 39.94 ng
RT: 15.96 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	412032		
226	27.5	21.7	32.5	
229	20.0	16.0	24.0	





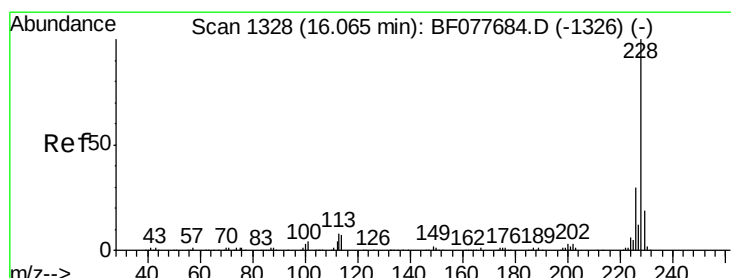
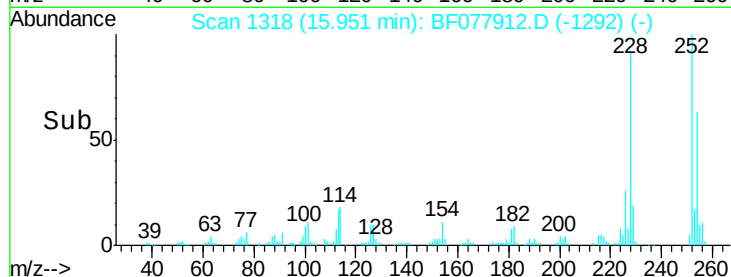
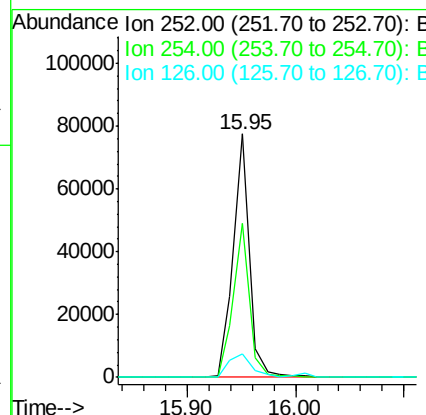
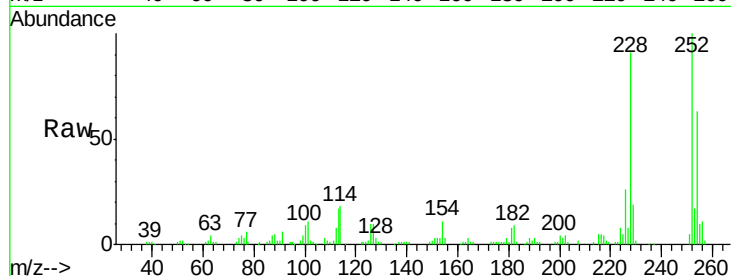
#81
 3,3'-Dichlorobenzidine
 Concen: 23.46 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	51.9	77.9
126	9.7	9.8	14.8

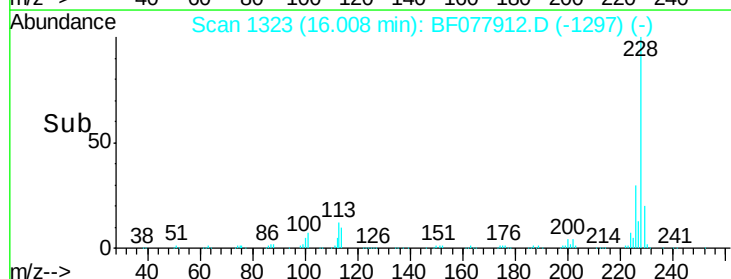
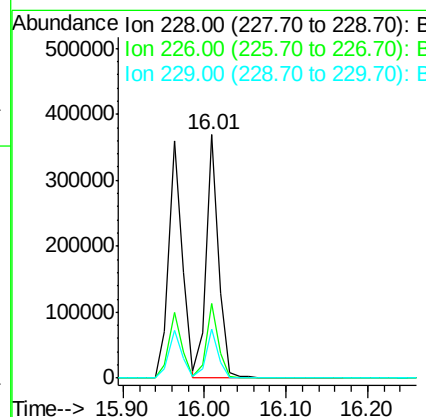
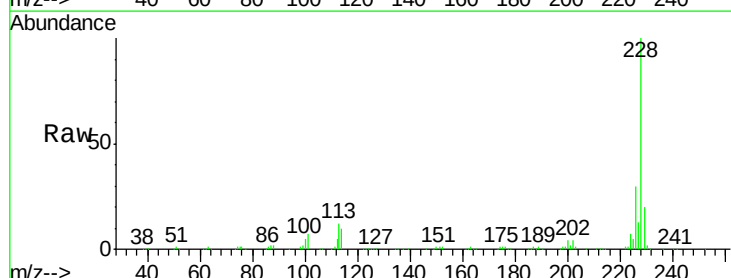
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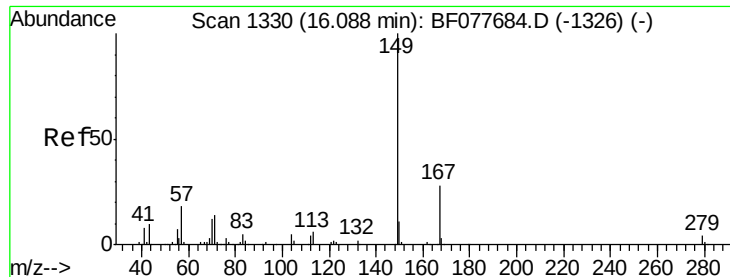
mohammad
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#82
 Chrysene
 Concen: 43.33 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	24.1	36.1
229	20.1	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.70 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

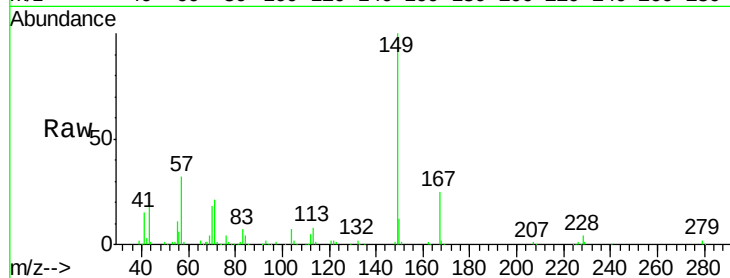
ClientSampleId :

PB82277BS

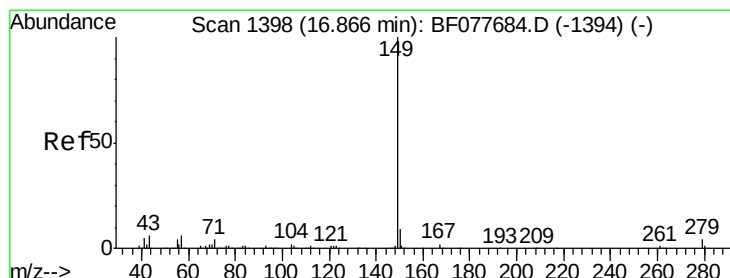
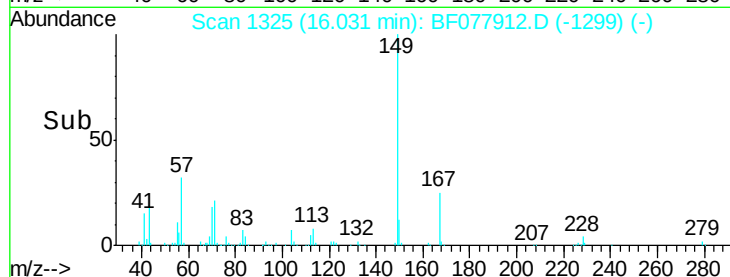
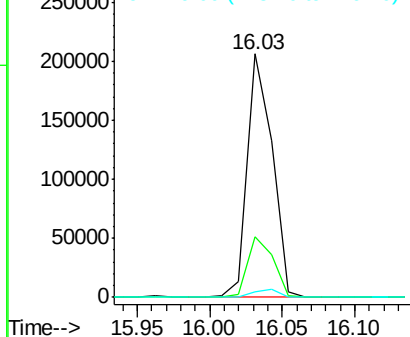
Tgt Ion:	149	Resp:	246404
Ion Ratio	Lower	Upper	
149	100		
167	25.0	22.4	33.6
279	2.4	3.4	5.0#

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



#84

Di-n-octyl phthalate

Concen: 37.84 ng

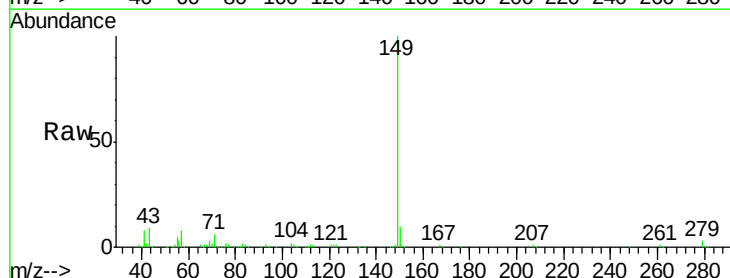
RT: 16.83 min Scan# 1395

Delta R.T. 0.01 min

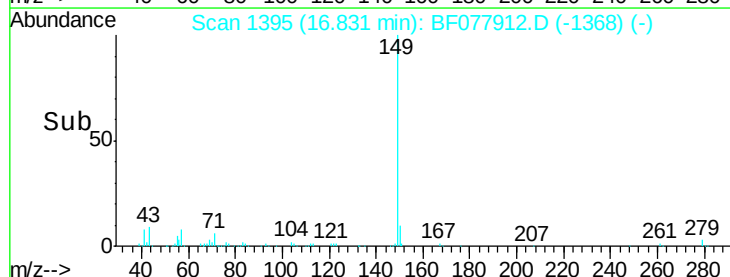
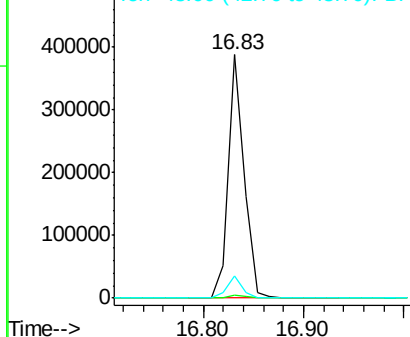
Lab File: BF077912.D

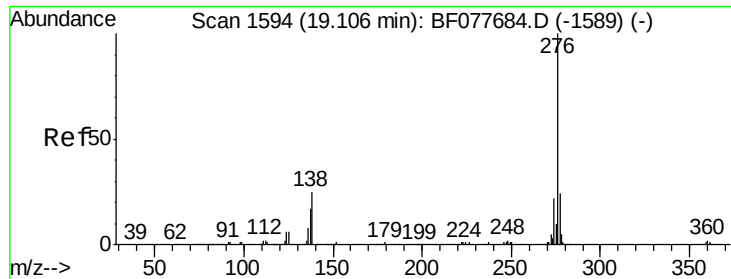
Acq: 24 Mar 2015 14:13

Tgt Ion:	149	Resp:	422912
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	9.1	7.3	10.9



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





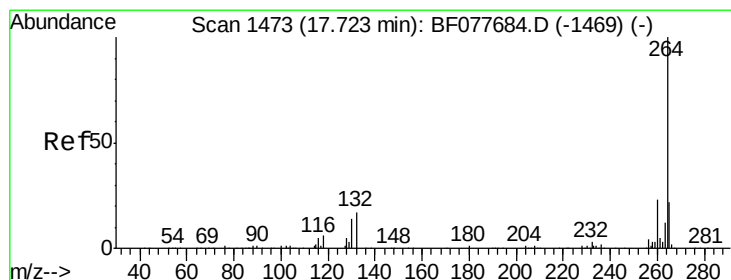
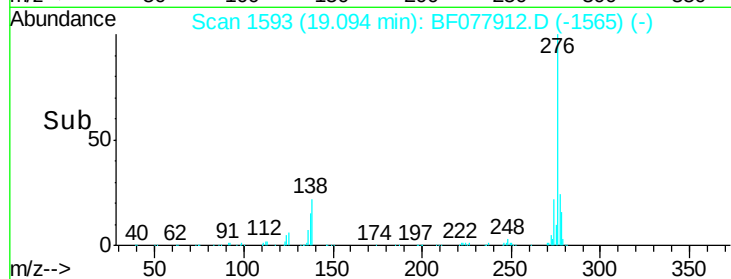
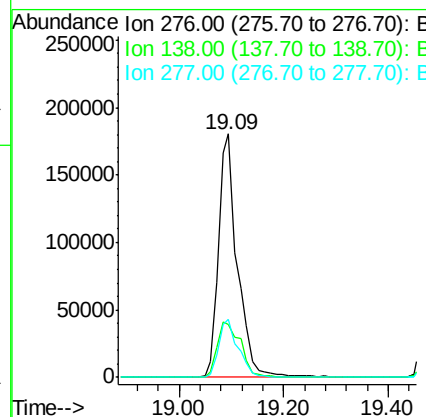
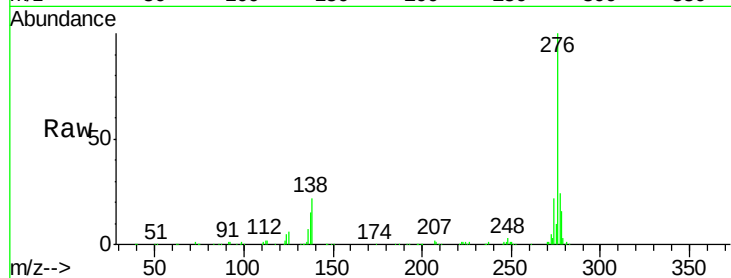
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.37 ng
 RT: 19.09 min Scan# 1593
 Delta R.T. 0.02 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.3	0.0	0.0#
277	24.8	0.0	0.0#

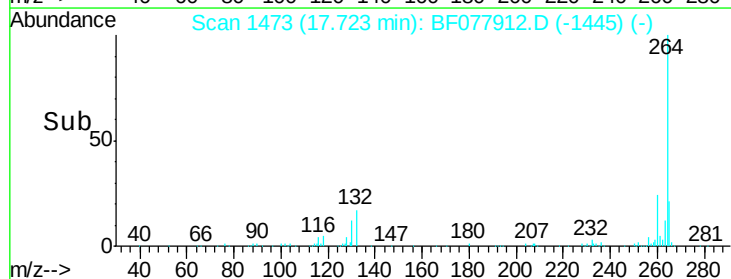
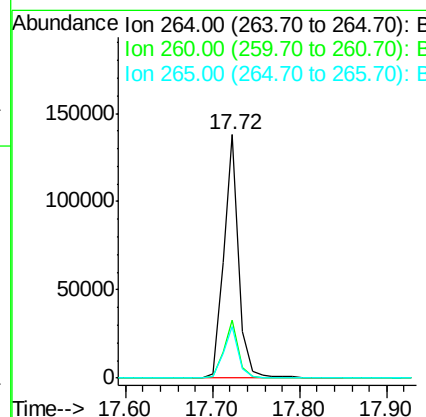
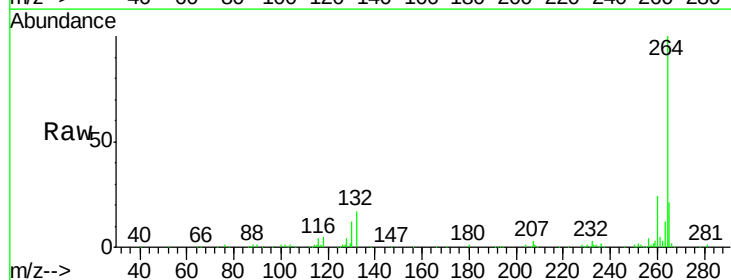
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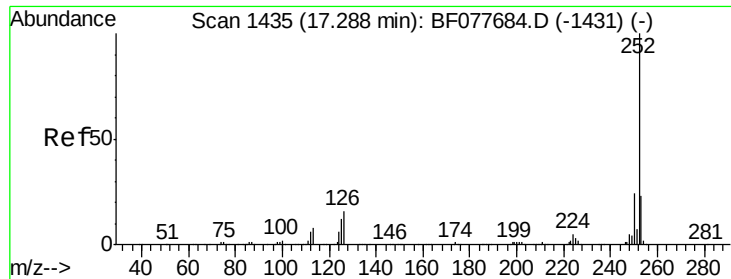
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. 0.02 min
 Lab File: BF077912.D
 Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	18.6	27.8
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.42 ng m

RT: 17.28 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

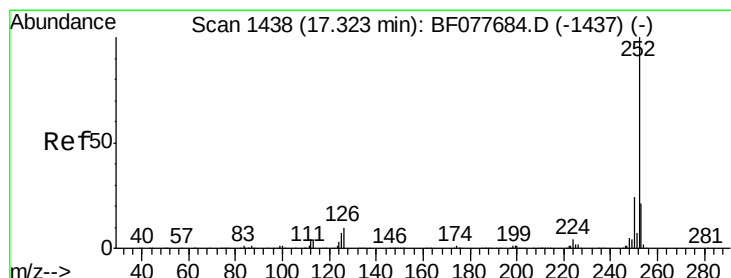
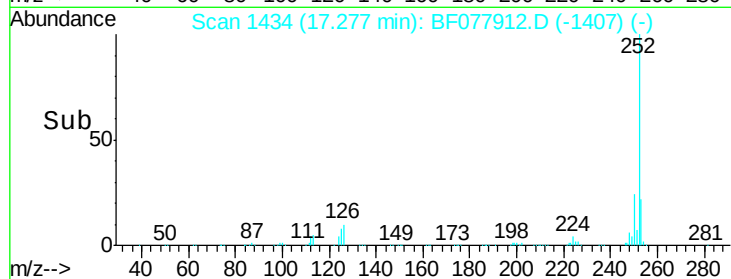
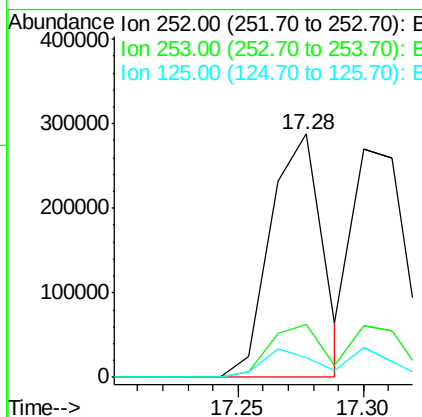
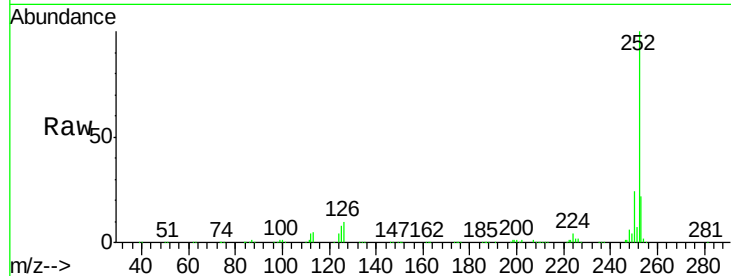
ClientSampleId :

PB82277BS

Tgt Ion:	252	Resp:	416935
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	7.9	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.58 ng

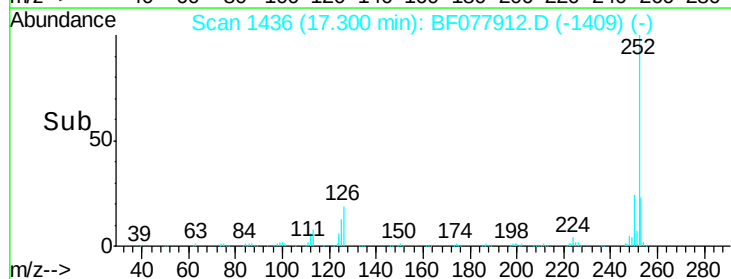
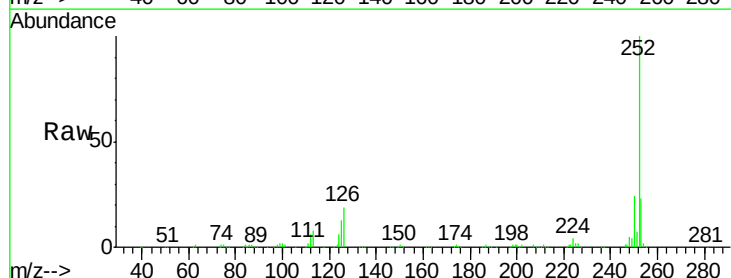
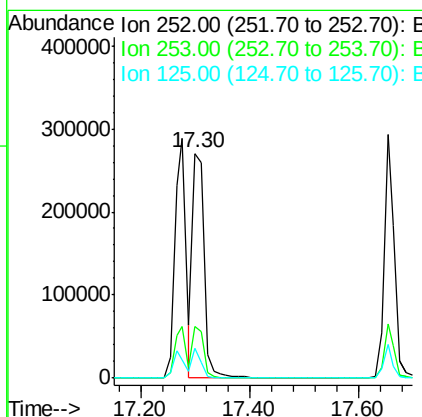
RT: 17.30 min Scan# 1436

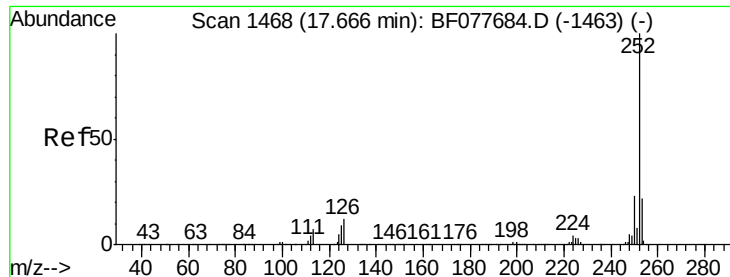
Delta R.T. 0.01 min

Lab File: BF077912.D

Acq: 24 Mar 2015 14:13

Tgt Ion:	252	Resp:	403325
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	13.3	8.1	12.1#





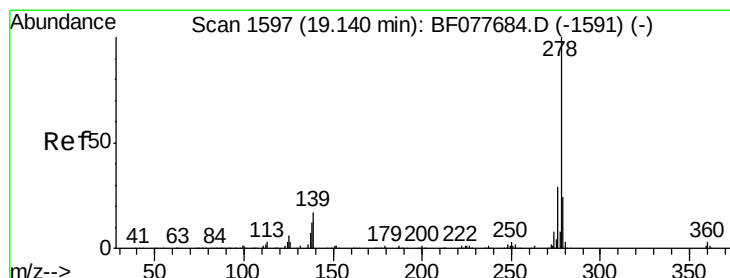
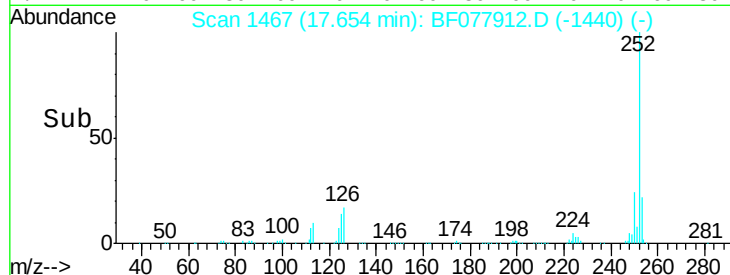
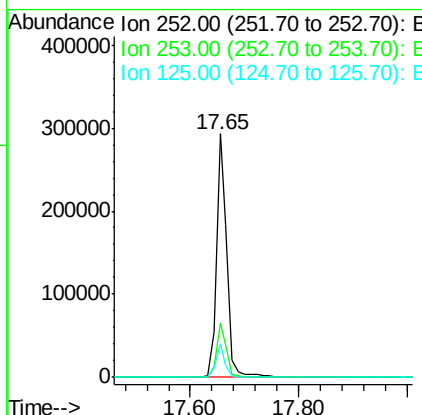
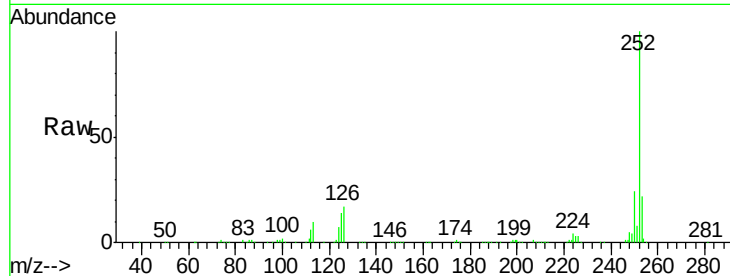
#89
Benzo(a)pyrene
Concen: 44.01 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.6	26.4
125	13.8	7.4	11.2

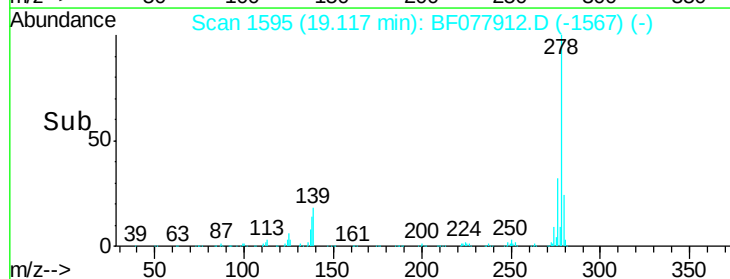
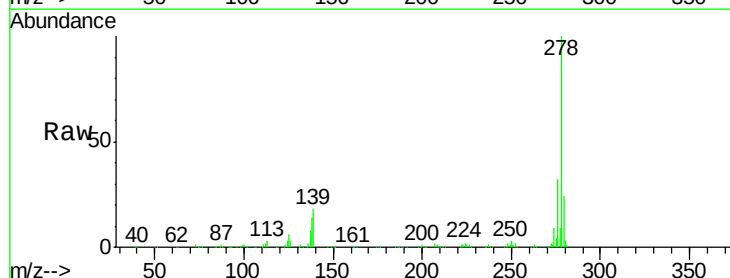
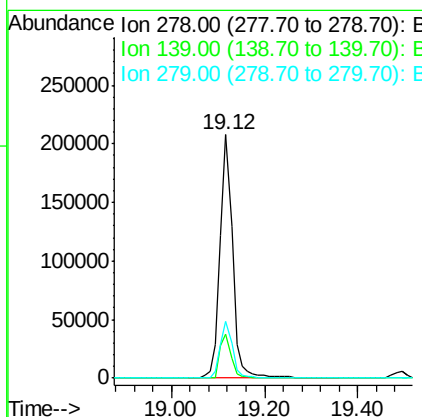
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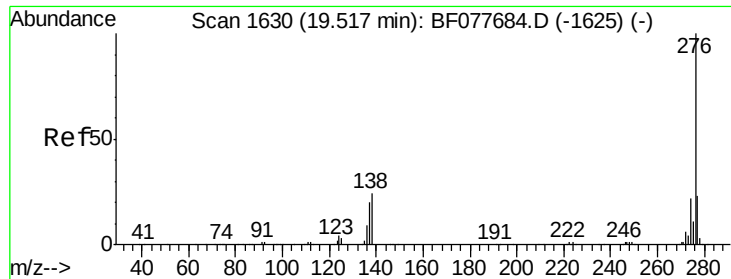
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 42.90 ng
RT: 19.12 min Scan# 1595
Delta R.T. 0.02 min
Lab File: BF077912.D
Acq: 24 Mar 2015 14:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.1	13.4	20.0
279	23.5	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 42.24 ng

RT: 19.49 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF077912.D

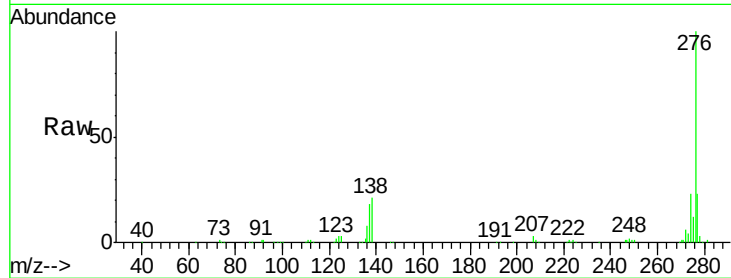
Acq: 24 Mar 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB82277BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	386211		
277	23.4	18.5	27.7	
138	21.5	19.0	28.6	

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