

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092856.D
 Acq On : 8 Feb 2017 16:39
 Operator : SJ/MA
 Sample : PB96810BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:07 PM

Quant Time: Feb 08 23:56:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158032	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	610930	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	353106	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	580644	20.00	ng	0.00
75) Chrysene-d12	14.07	240	567988	20.00	ng	0.00
86) Perylene-d12	15.51	264	470954	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	718957	78.05	ng	0.01
7) Phenol-d6	6.54	99	967320	81.62	ng	0.01
23) Nitrobenzene-d5	7.47	82	882165	80.41	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	200433	78.48	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1617651	83.00	ng	0.00
78) Terphenyl-d14	13.01	244	1511769	62.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	150717	30.28	ng	# 80
3) Pyridine	3.30	79	467542	36.94	ng	85
4) n-Nitrosodimethylamine	3.25	42	222206	37.39	ng	86
6) Aniline	6.56	93	375986	23.26	ng	# 76
8) 2-Chlorophenol	6.68	128	396987	39.07	ng	91
9) Benzaldehyde	6.44	77	158190	18.63	ng	93
10) Phenol	6.56	94	578629	41.73	ng	85
11) bis(2-Chloroethyl)ether	6.64	93	422597	38.18	ng	96
12) 1,3-Dichlorobenzene	6.84	146	468931	39.40	ng	98
13) 1,4-Dichlorobenzene	6.92	146	457833m	38.00	ng	
14) 1,2-Dichlorobenzene	7.07	146	450931	39.15	ng	96
15) Benzyl Alcohol	7.05	79	373516	42.57	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	742617	38.62	ng	94
17) 2-Methylphenol	7.16	107	330343	37.89	ng	96
18) Hexachloroethane	7.41	117	156021	37.94	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	282704	37.47	ng	94
20) 3+4-Methylphenols	7.32	107	430349	41.29	ng	# 81
22) Acetophenone	7.31	105	519138	37.22	ng	# 93
24) Nitrobenzene	7.48	77	403153	35.79	ng	99
25) Isophorone	7.72	82	795820	38.93	ng	97
26) 2-Nitrophenol	7.80	139	229348	42.83	ng	95
27) 2,4-Dimethylphenol	7.85	122	413669	43.99	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	550649	40.67	ng	99
29) 2,4-Dichlorophenol	8.04	162	360937	41.15	ng	88
30) 1,2,4-Trichlorobenzene	8.12	180	364281	38.54	ng	95
31) Naphthalene	8.20	128	1122105	36.23	ng	99
32) Benzoic acid	7.97	122	239884	45.46	ng	96
33) 4-Chloroaniline	8.26	127	209729	17.27	ng	96
34) Hexachlorobutadiene	8.33	225	199344	38.33	ng	96
35) Caprolactam	8.62	113	120004m	43.50	ng	
36) 4-Chloro-3-methylphenol	8.75	107	410139	44.85	ng	92
37) 2-Methylnaphthalene	8.90	142	831798	41.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	340055	34.31	ng	99
40) Hexachlorocyclopentadiene	9.05	237	307194	68.69	ng	96

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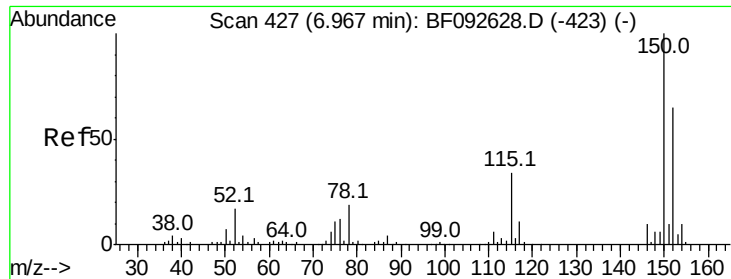
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	258253	39.65	nq	91
43) 2,4,5-Trichlorophenol	9.22	196	267669	37.51	nq	# 91
45) 1,1'-Biphenyl	9.36	154	907822	35.51	nq	97
46) 2-Chloronaphthalene	9.39	162	767696	38.38	nq	95
47) 2-Nitroaniline	9.48	65	244227	36.32	nq	98
48) Acenaphthylene	9.80	152	1261191	36.50	nq	99
49) Dimethylphthalate	9.66	163	958027	40.28	nq	100
50) 2,6-Dinitrotoluene	9.72	165	193310	37.64	nq	# 75
51) Acenaphthene	9.97	154	832960	40.32	nq	97
52) 3-Nitroaniline	9.89	138	132060	22.47	nq	91
53) 2,4-Dinitrophenol	10.01	184	170368	66.08	nq	93
54) Dibenzofuran	10.14	168	1093302	39.57	nq	94
55) 4-Nitrophenol	10.06	139	343905	81.23	nq	95
56) 2,4-Dinitrotoluene	10.13	165	299103	43.74	nq	# 84
57) Fluorene	10.49	166	840548	39.54	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	204829	43.03	nq	97
59) Diethylphthalate	10.36	149	918244	40.97	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	367840	36.02	nq	91
61) 4-Nitroaniline	10.51	138	211260	35.09	nq	90
62) Azobenzene	10.64	77	956592	41.31	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	119681	34.65	nq	# 33
65) n-Nitrosodiphenylamine	10.60	169	768545	41.43	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	239848	39.54	nq	92
67) Hexachlorobenzene	11.04	284	243951	40.69	nq	97
68) Atrazine	11.13	200	233481	39.22	nq	97
69) Pentachlorophenol	11.23	266	253518	81.75	nq	98
70) Phenanthrene	11.45	178	1212082	36.44	nq	99
71) Anthracene	11.51	178	1310030	39.21	nq	98
72) Carbazole	11.65	167	1052445	32.96	nq	99
73) Di-n-butylphthalate	11.99	149	1493164	43.24	nq	# 97
74) Fluoranthene	12.64	202	1316624	38.37	nq	96
76) Benzidine	12.76	184	398197	16.45	nq	96
77) Pyrene	12.87	202	1317842	31.00	nq	99
79) Butylbenzylphthalate	13.48	149	729586	42.27	nq	90
80) Benzo(a)anthracene	14.05	228	1170556	33.70	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	368595	29.77	nq	# 95
82) Chrysene	14.09	228	1057413m	32.51	nq	
83) Bis(2-ethylhexyl)phthalate	14.04	149	966206	40.93	nq	# 95
84) Di-n-octyl phthalate	14.65	149	1598376	41.58	nq	97
85) Indeno(1,2,3-cd)pyrene	16.95	276	961260	38.16	nq	95
87) Benzo(b)fluoranthene	15.09	252	1191290	38.43	nq	98
88) Benzo(k)fluoranthene	15.12	252	1022703m	38.21	nq	
89) Benzo(a)pyrene	15.45	252	1052840	39.27	nq	# 97
90) Dibenzo(a,h)anthracene	16.96	278	807907	37.28	nq	# 95
91) Benzo(g,h,i)perylene	17.38	276	810515	37.02	nq	# 91

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



#1

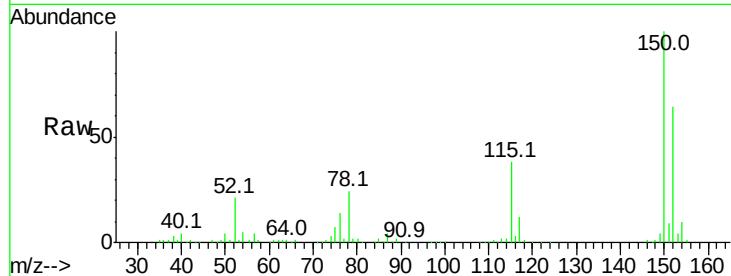
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	58.9	46.0	69.0

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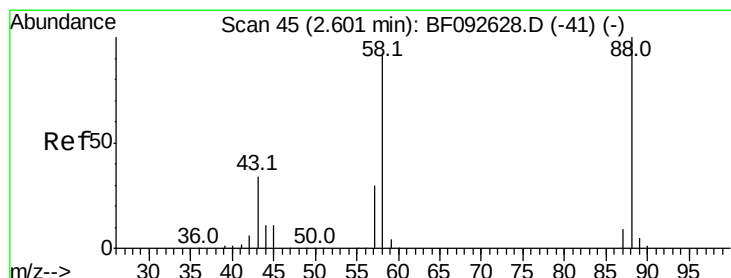
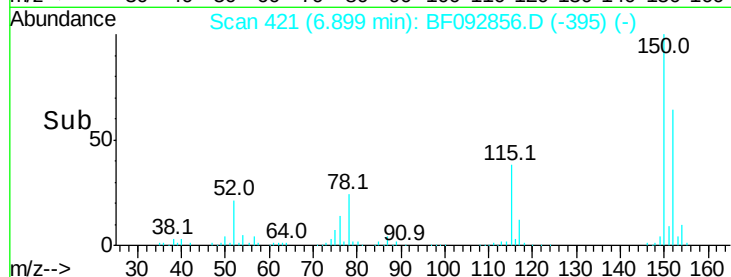
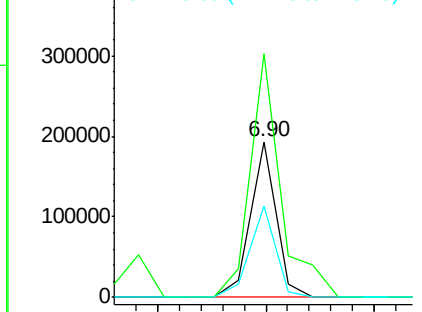


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

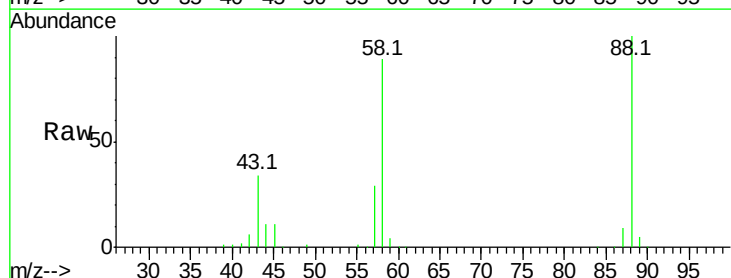
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.28 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.07 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.6	57.8	86.8#
43	33.6	22.3	33.5#

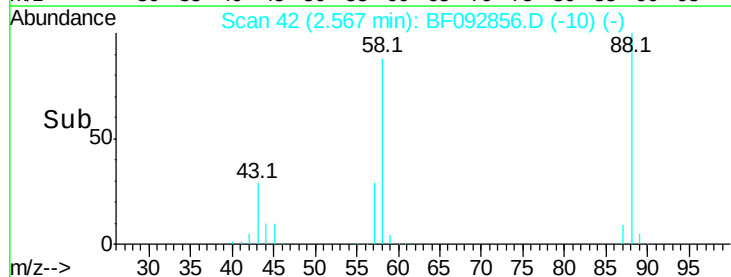
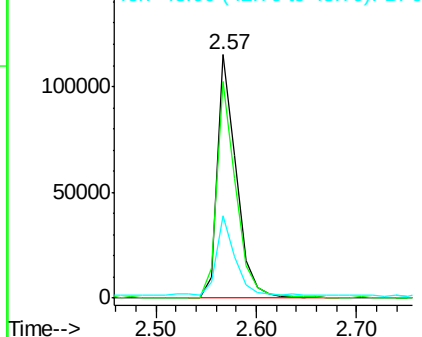


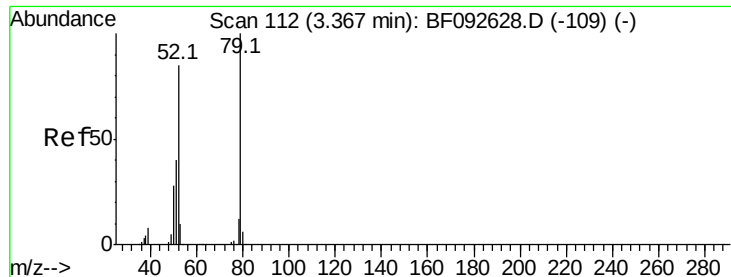
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.94 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

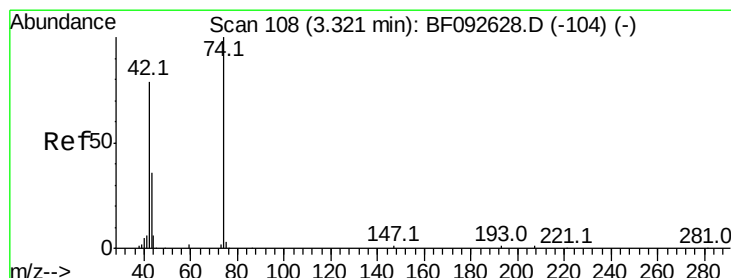
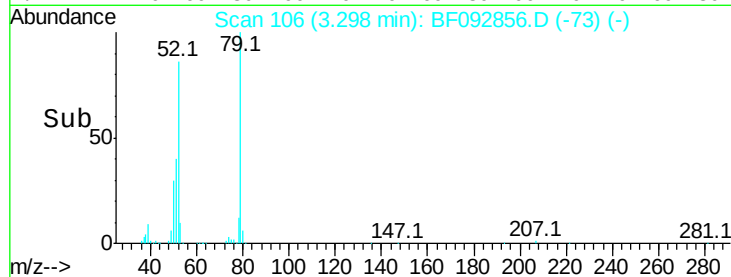
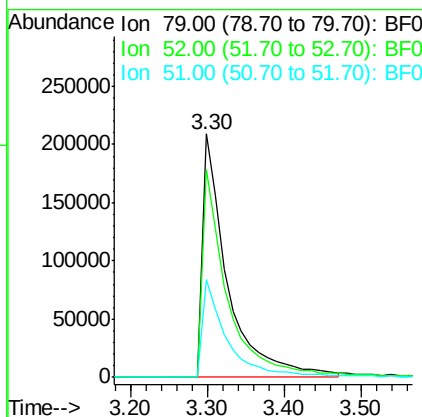
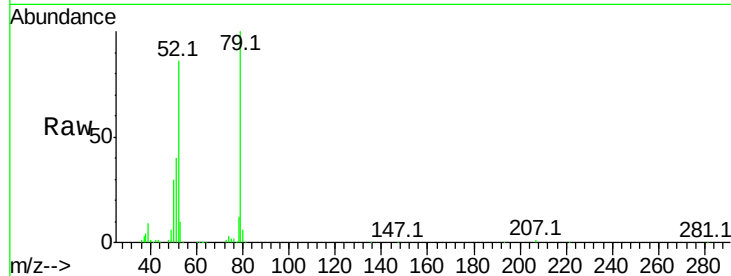
ClientSampleId :

PB96810BS

Tot Ion:	79	Resp:	467542
Ion Ratio	Lower	Upper	
79	100		
52	85.6	57.1	85.7
51	40.4	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 37.39 ng

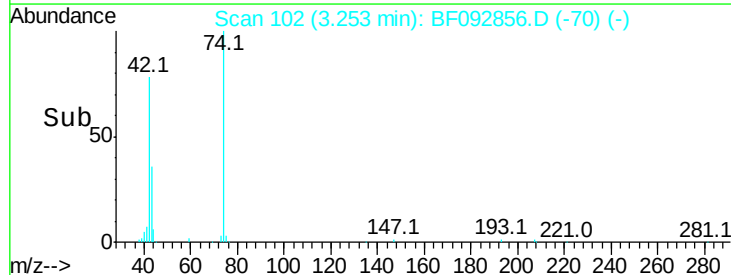
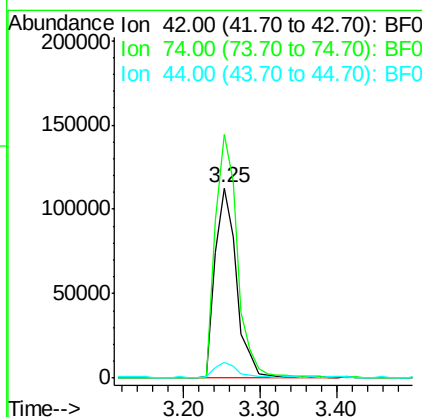
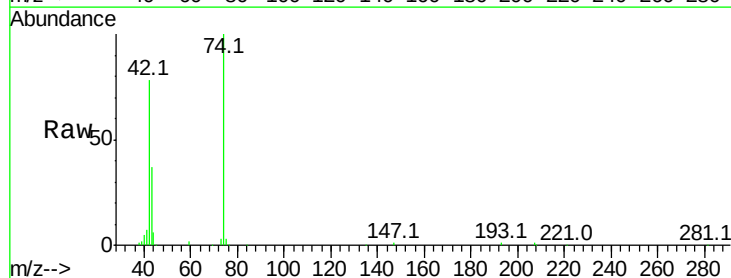
RT: 3.25 min Scan# 102

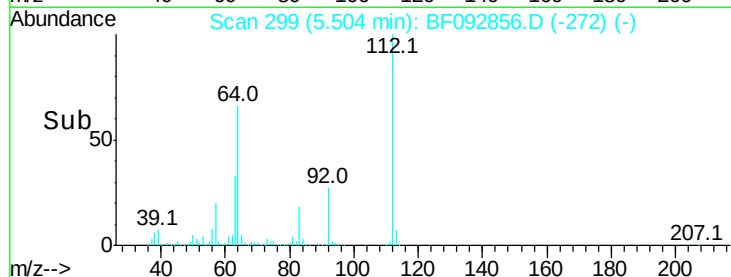
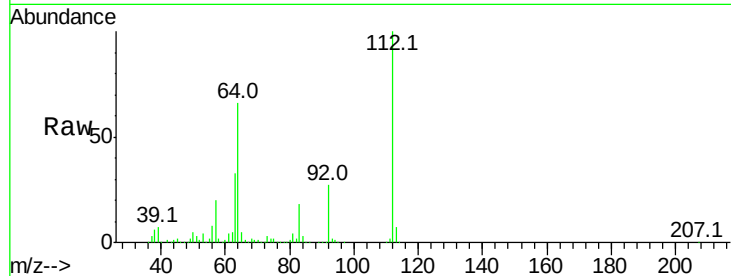
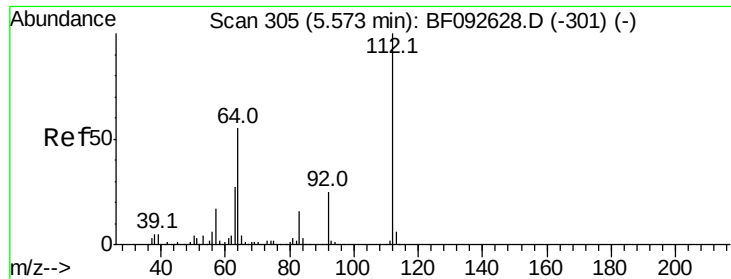
Delta R.T. 0.07 min

Lab File: BF092856.D

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Tgt Ion:	42	Resp:	222206
Ion Ratio	Lower	Upper	
42	100		
74	128.1	117.0	175.4
44	8.2	5.5	8.3





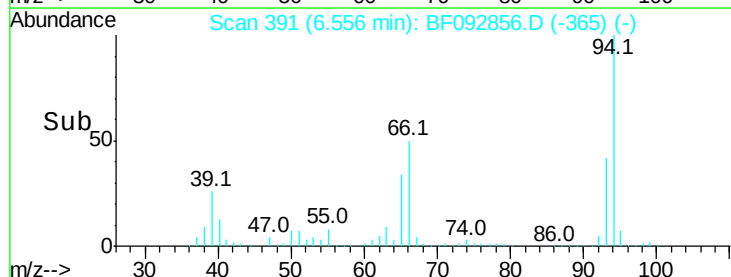
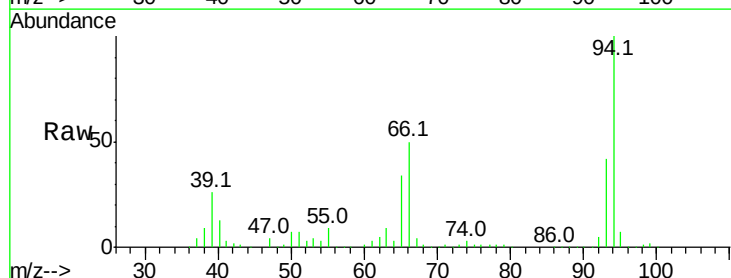
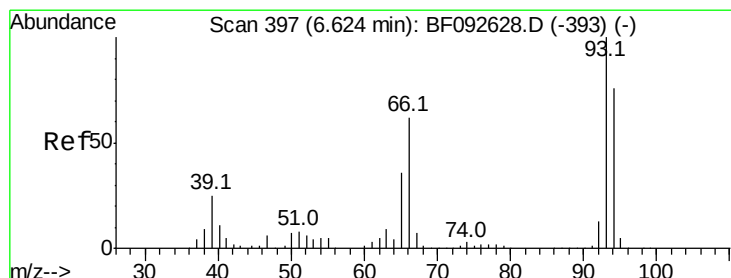
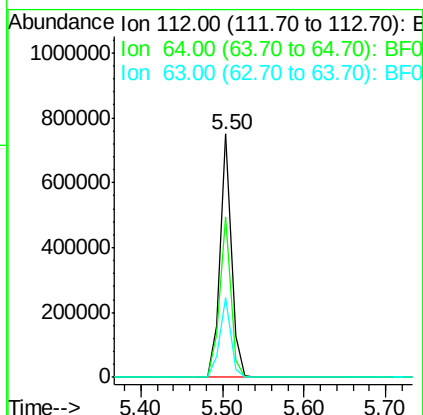
#5
2-Fluorophenol
Concen: 78.05 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	65.9	46.1	69.1
63	32.9	23.8	35.6

Instrument :
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PB96810BS

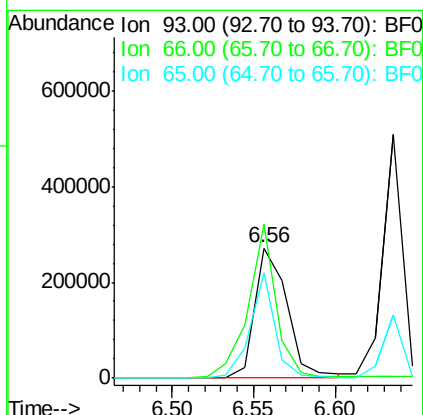
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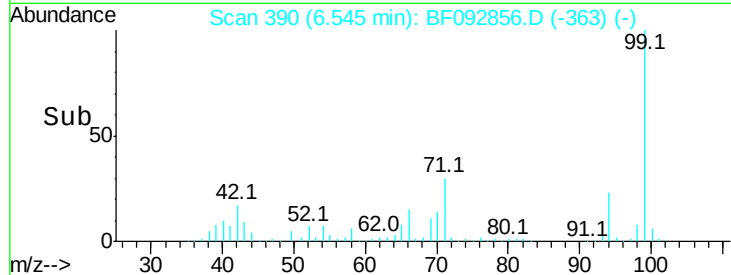
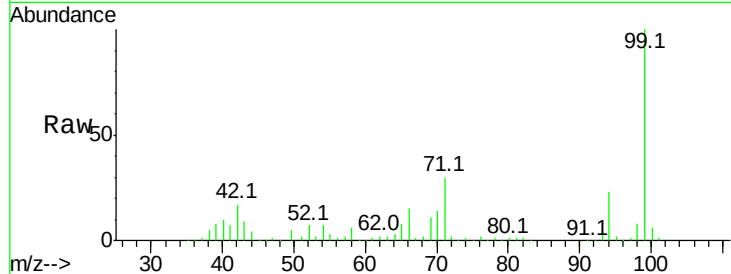
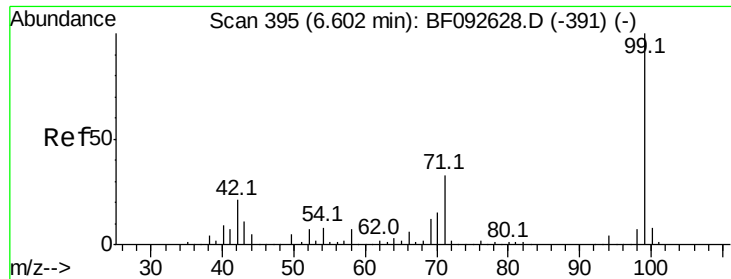
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#6
Aniline
Concen: 23.26 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	118.2	76.2	114.2#
65	81.1	49.3	73.9#





#7

Phenol-d6

Concen: 81.62 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		967320		
42	17.2	15.6	23.4		
71	29.7	27.5	41.3		

Instrument :

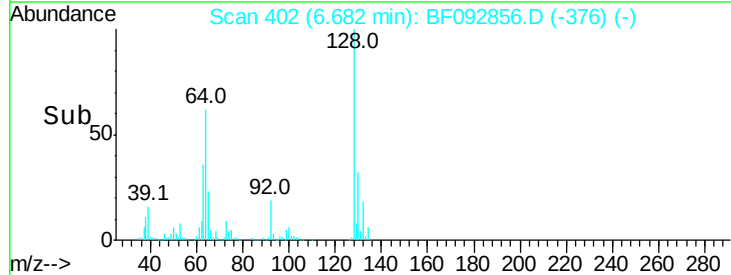
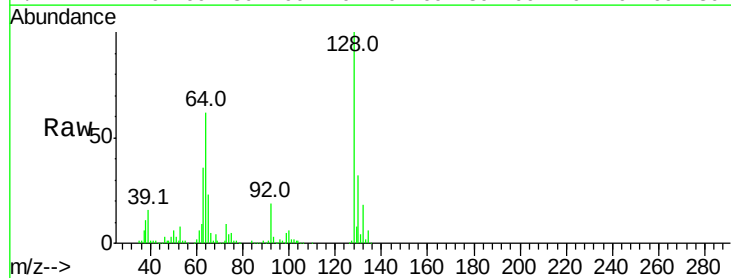
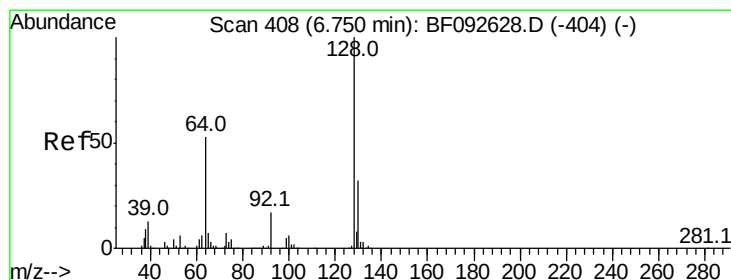
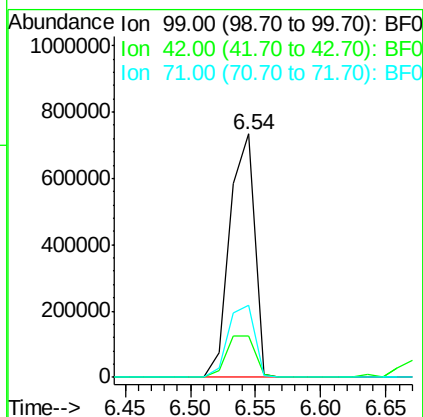
BNA_F

ClientSampled :

PB96810BS

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#8

2-Chlorophenol

Concen: 39.07 ng

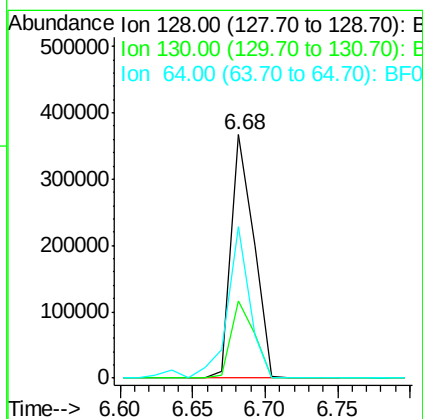
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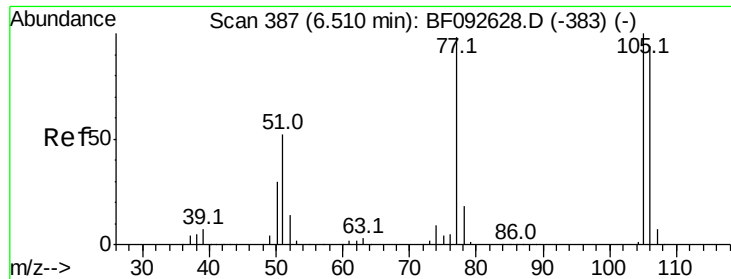
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		396987		
130	31.7	12.3	52.3		
64	62.3	32.2	72.2		





#9

Benzaldehyde

Concen: 18.63 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

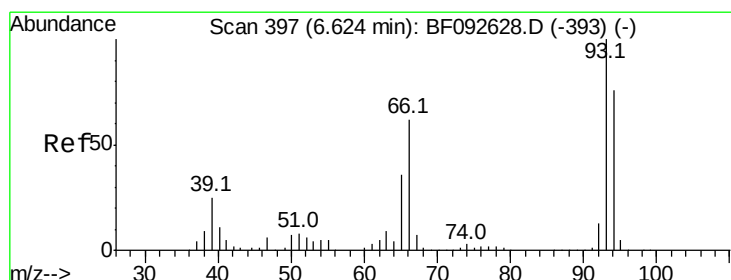
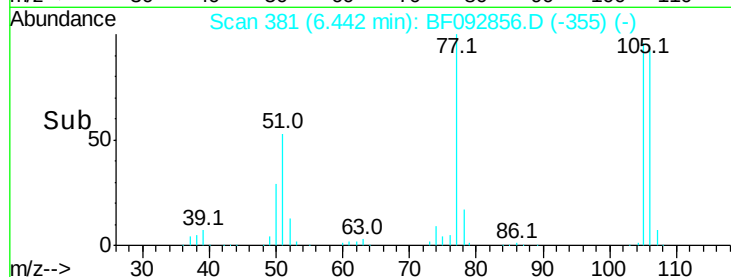
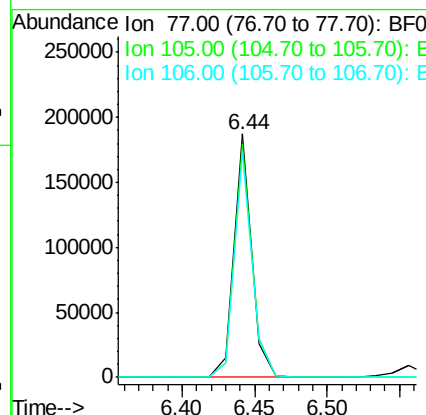
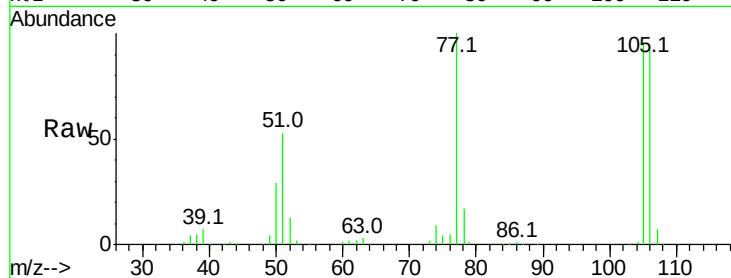
ClientSampleID :

PB96810BS

Tot Ion:	77	Resp:	158190
Ion Ratio	Lower	Upper	
77	100		
105	95.8	83.9	123.9
106	92.3	77.6	117.6

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#10

Phenol

Concen: 41.73 ng

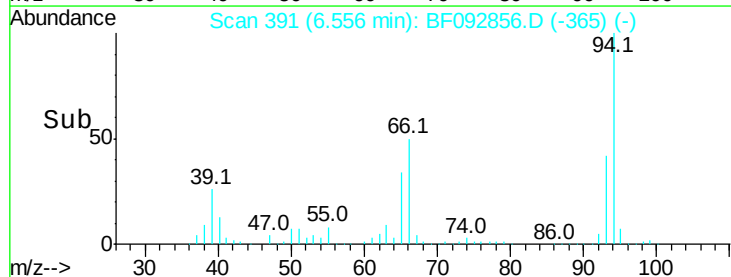
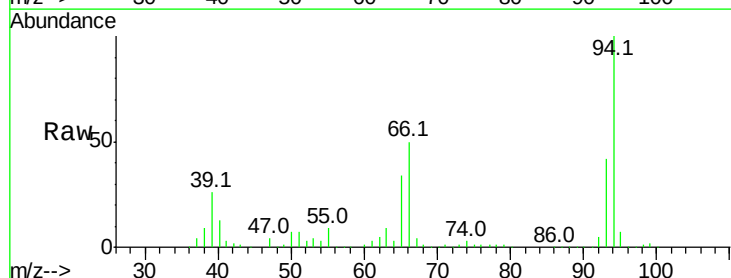
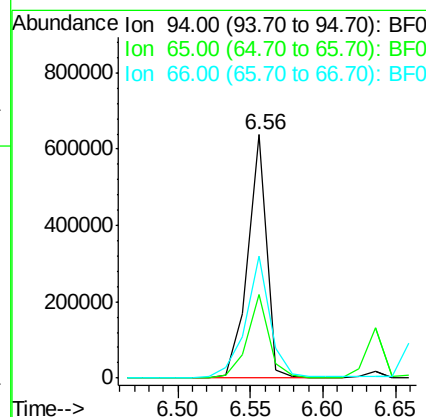
RT: 6.56 min Scan# 391

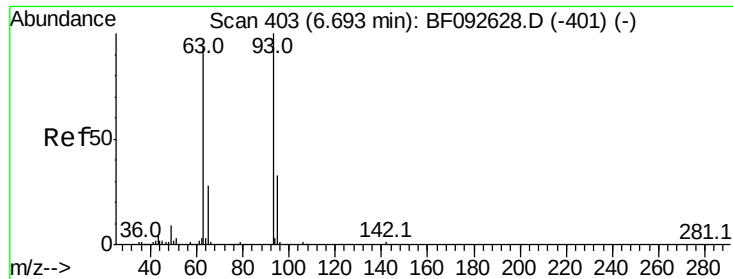
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:	94	Resp:	578629
Ion Ratio	Lower	Upper	
94	100		
65	34.5	21.4	61.4
66	50.2	44.0	84.0





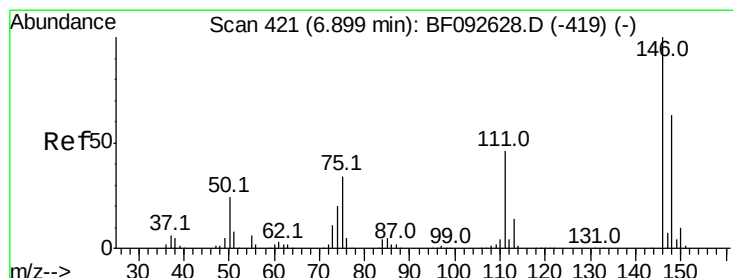
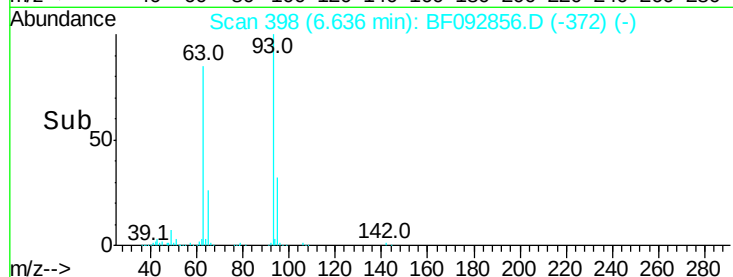
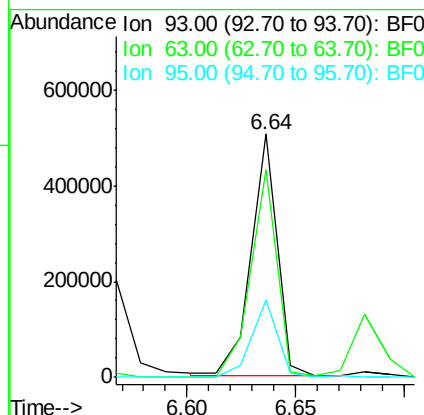
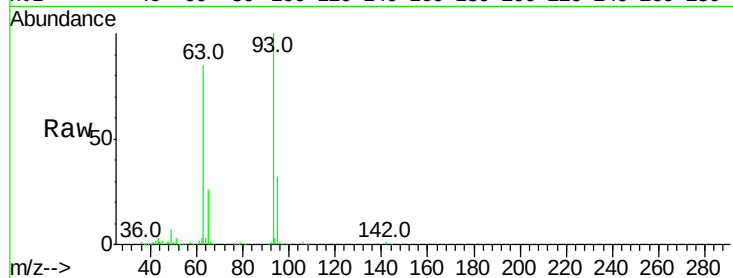
#11
bis(2-Chloroethyl)ether
Concen: 38.18 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.1	60.4	100.4
95	31.7	12.8	52.8

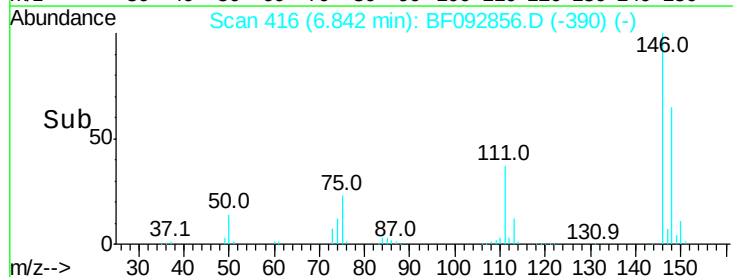
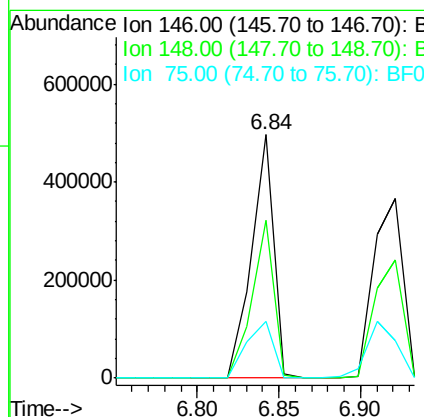
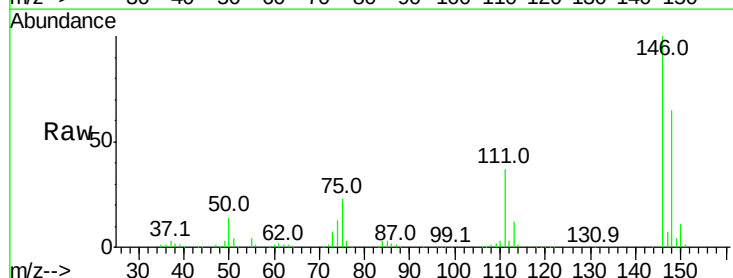
Manual Integrations
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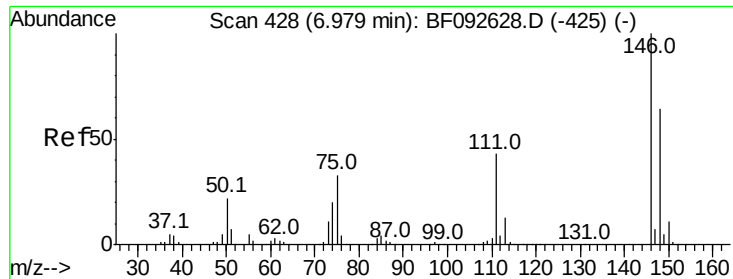
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.40 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.0
75	23.1	18.5	27.7





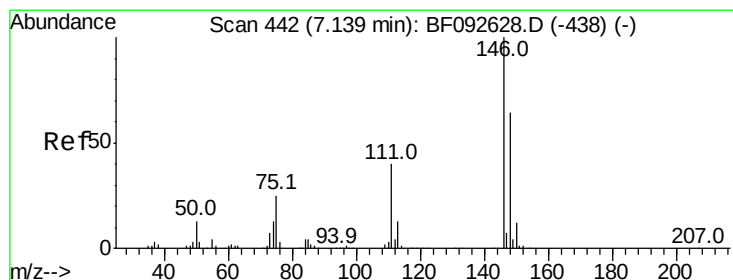
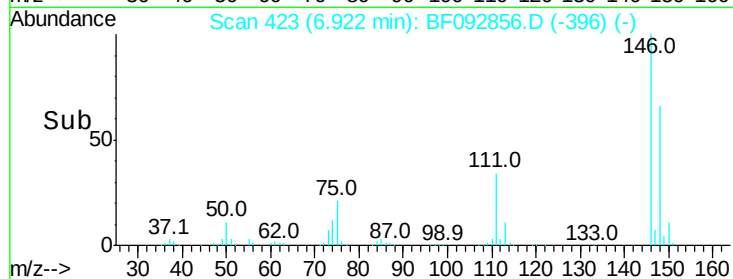
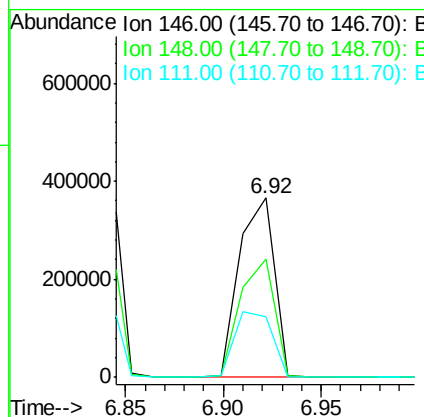
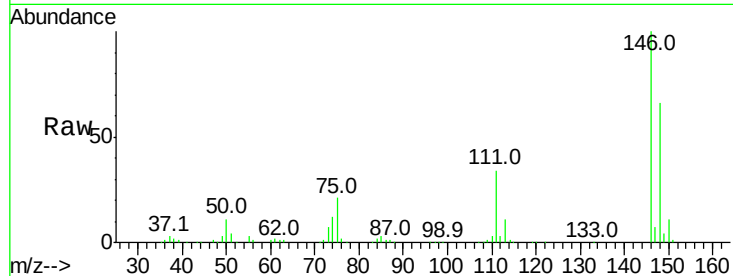
#13
 1,4-Dichlorobenzene
 Concen: 38.00 ng/mL
 RT: 6.92 min Scan# 423
 Delta R.T. 0.01 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleID :
 PB96810BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	76.0
111	34.0	36.2	54.4

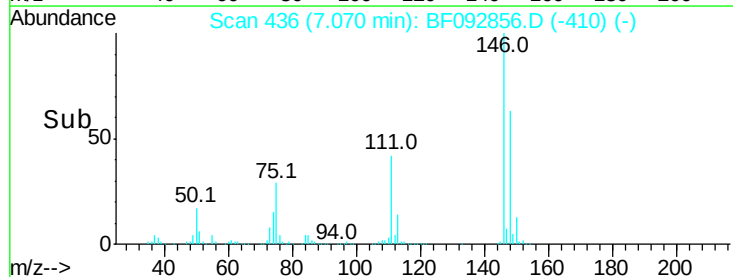
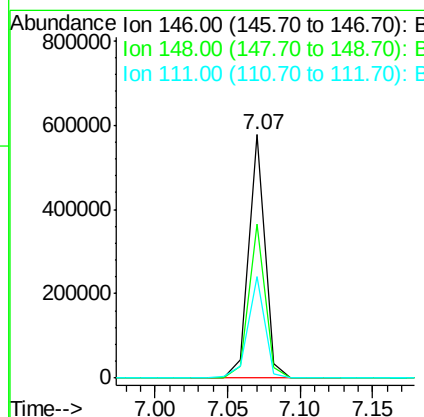
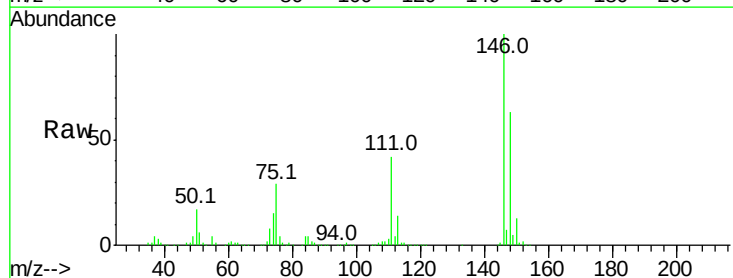
Manual Integrations
 APPROVED

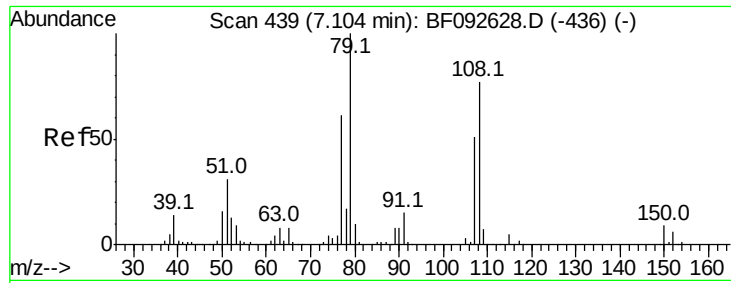
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.15 ng/mL
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	41.6	36.2	54.2





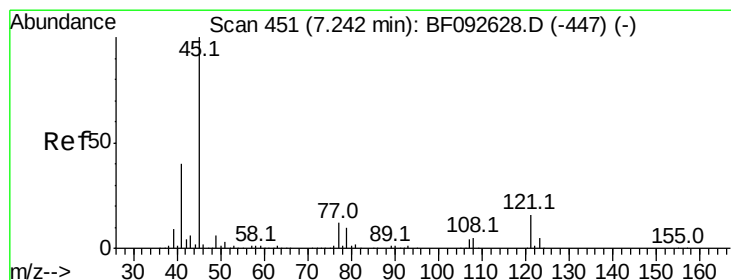
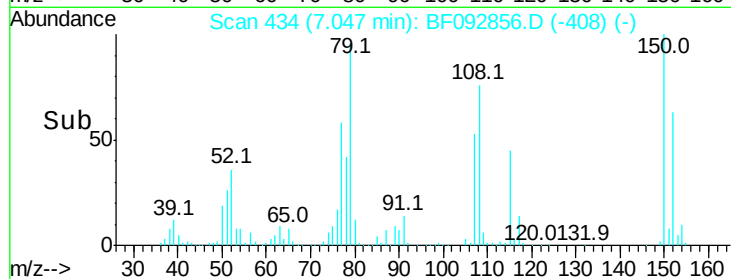
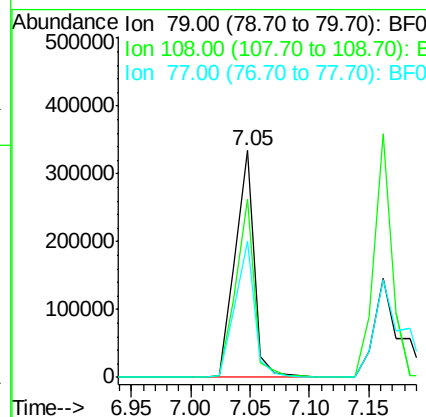
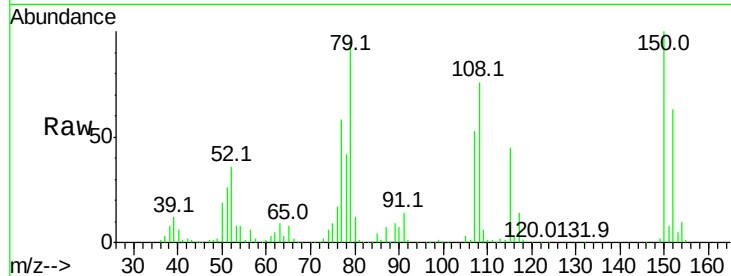
#15
Benzyl Alcohol
Concen: 42.57 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.0	61.4	92.0	
77	60.2	50.9	76.3	

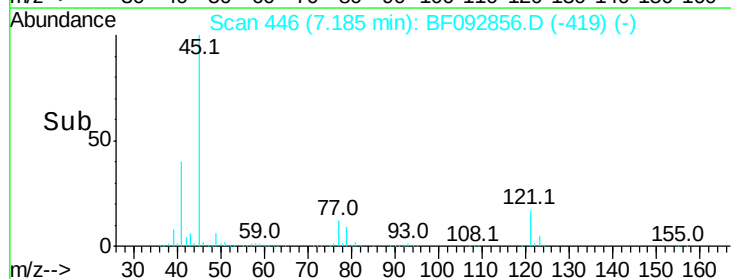
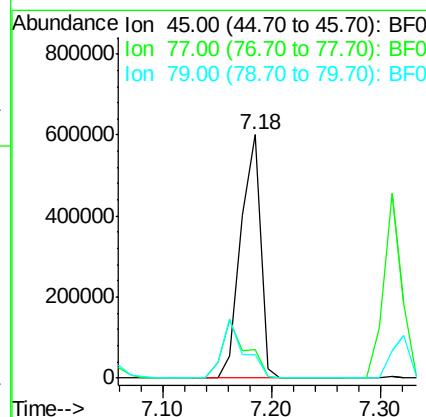
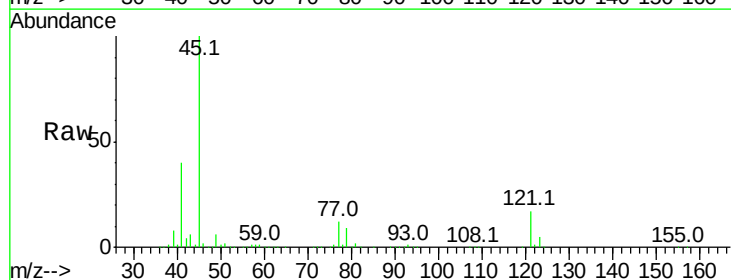
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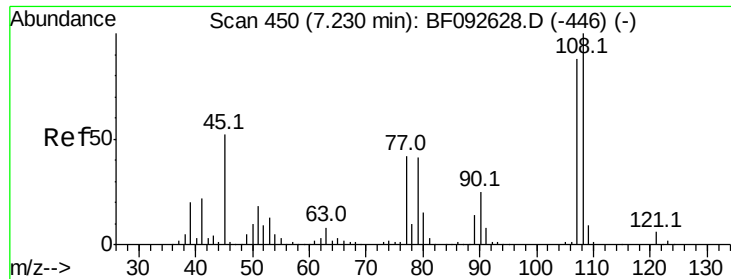
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.62 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.0	0.0	34.6	
79	9.4	0.0	31.2	





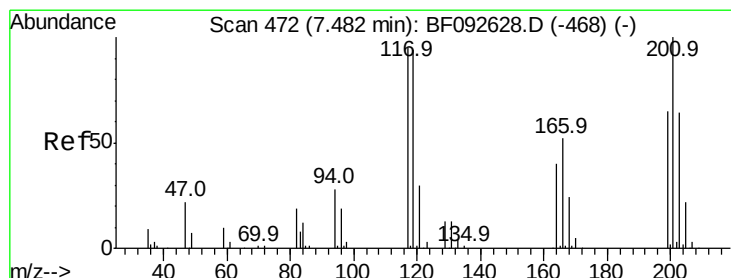
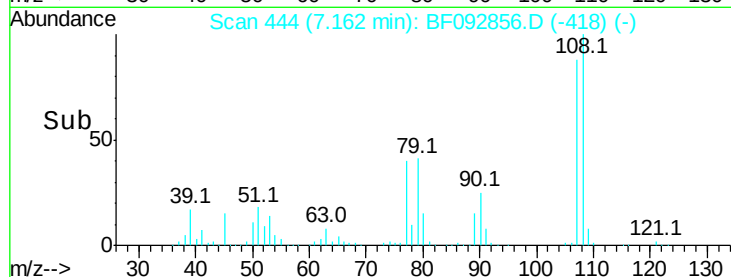
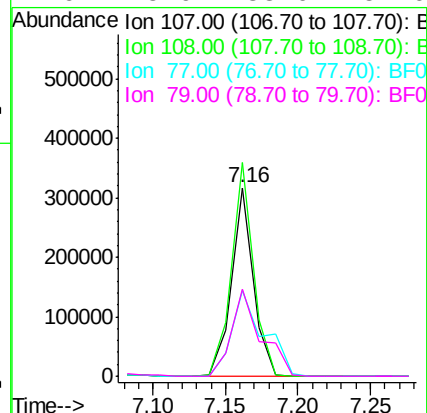
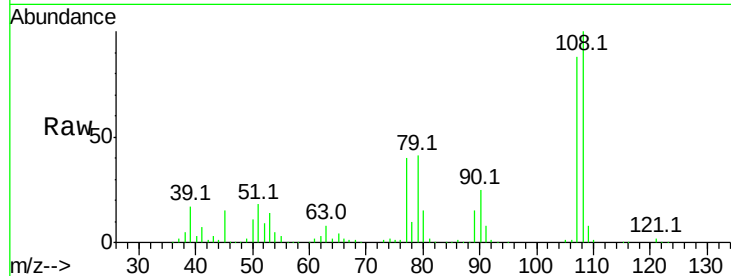
#17
2-Methylphenol
Concen: 37.89 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.0	139.6
77	45.3	39.8	59.8
79	45.9	38.0	57.0

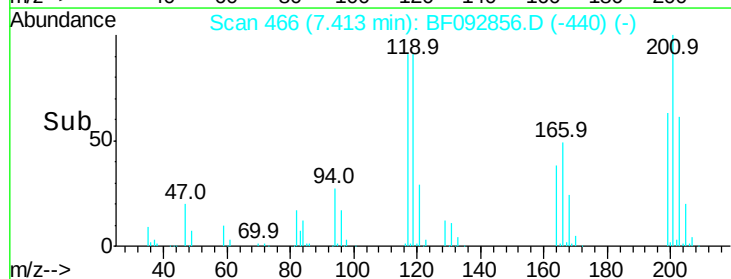
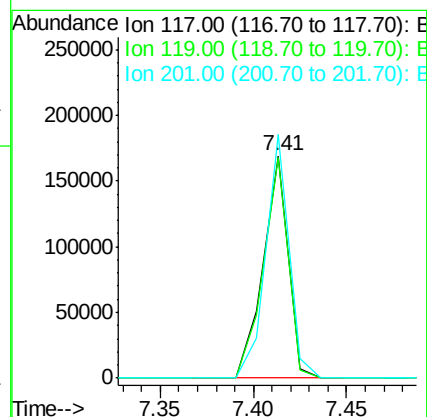
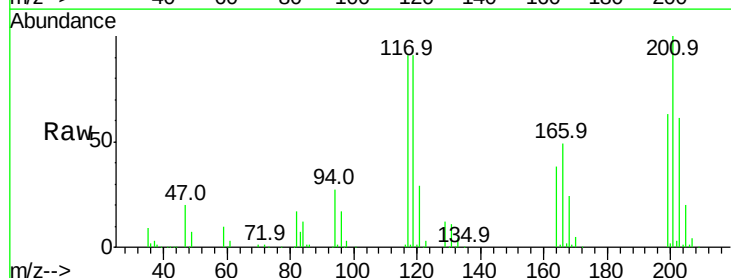
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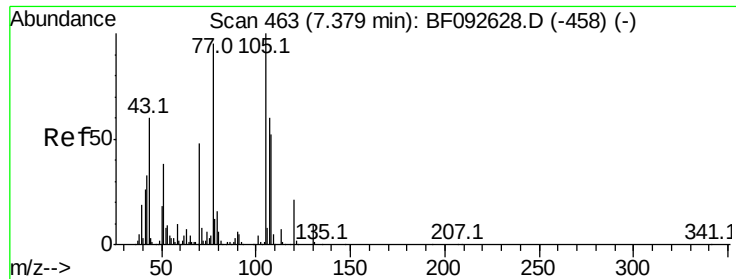
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#18
Hexachloroethane
Concen: 37.94 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.1	117.1
201	109.6	78.6	117.8





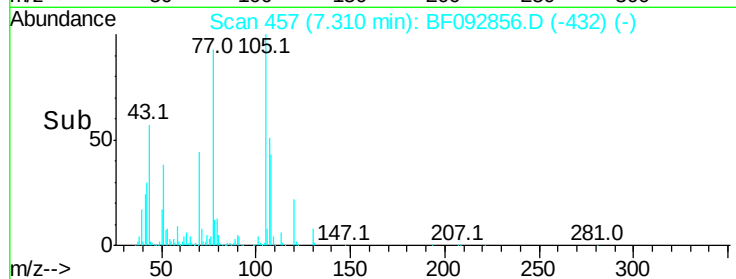
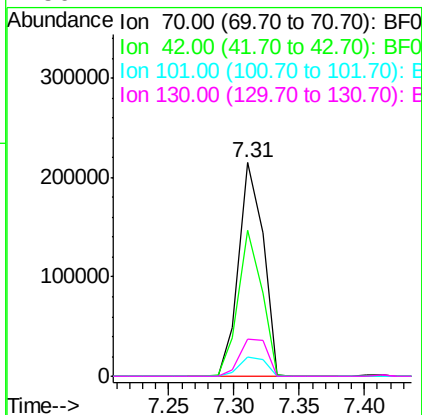
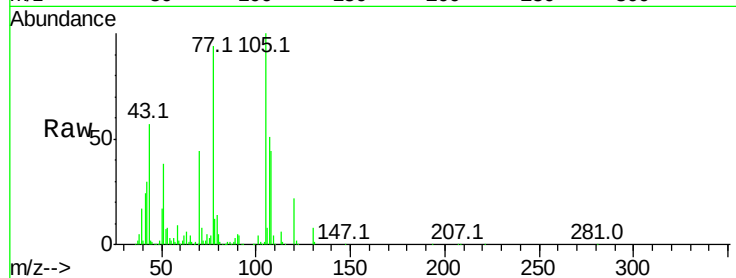
#19
n-Nitroso-di-n-propylamine
Concen: 37.47 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	49.4	74.0
101	8.9	7.4	11.2
130	17.4	14.2	21.4

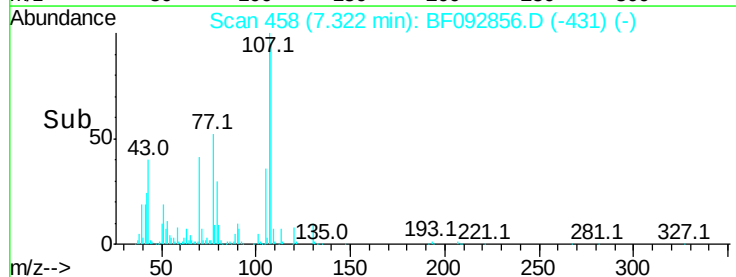
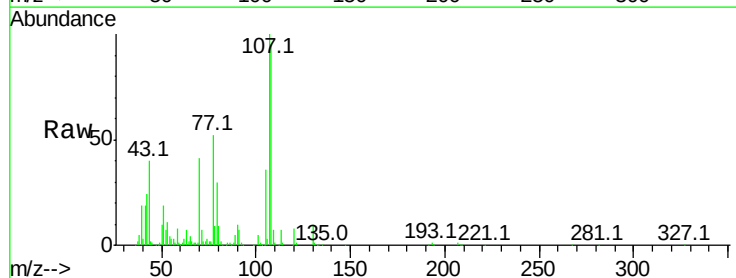
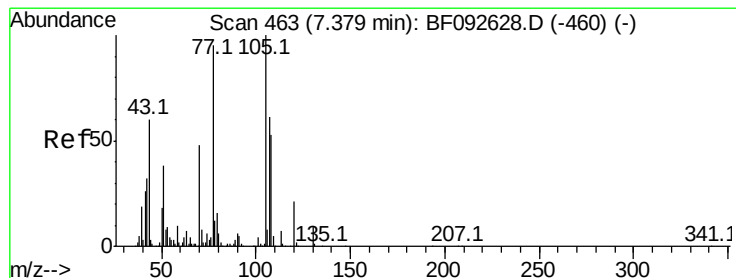
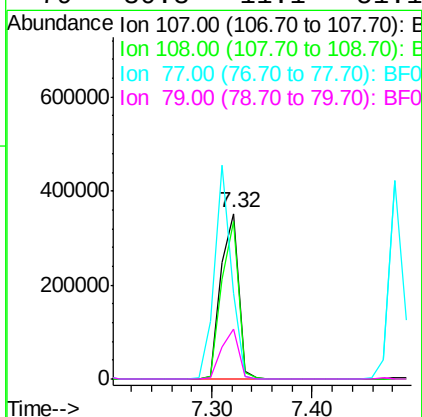
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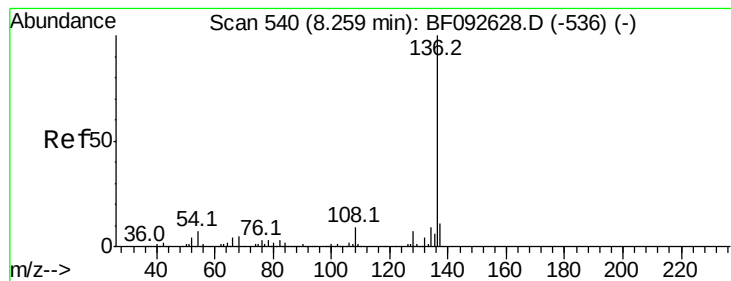
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#20
3+4-Methylphenols
Concen: 41.29 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.1	73.0	113.0
77	52.2	71.3	111.3#
79	30.3	11.1	51.1





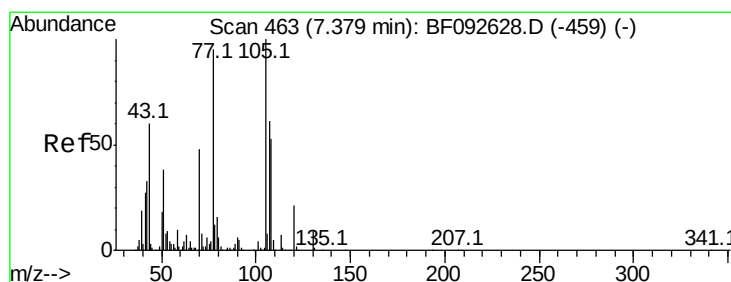
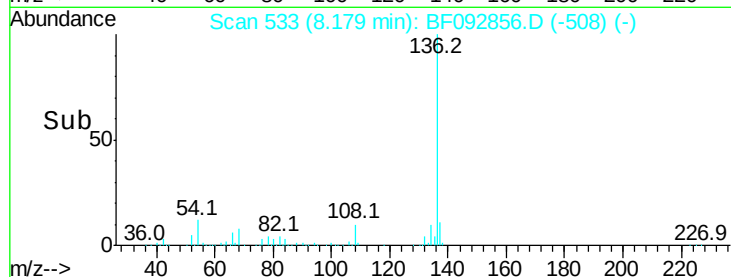
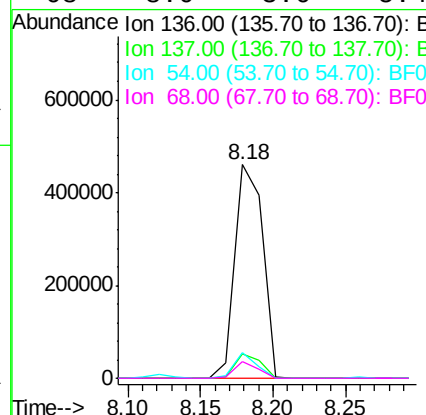
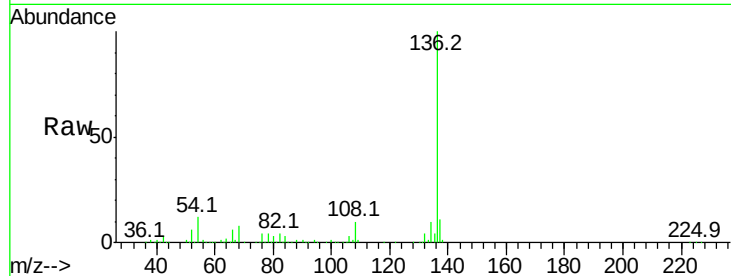
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	610930		
137	11.1	8.4	12.6	
54	12.0	4.5	6.7#	
68	8.0	3.6	5.4#	

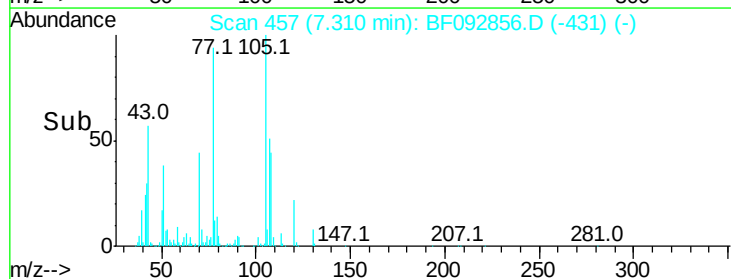
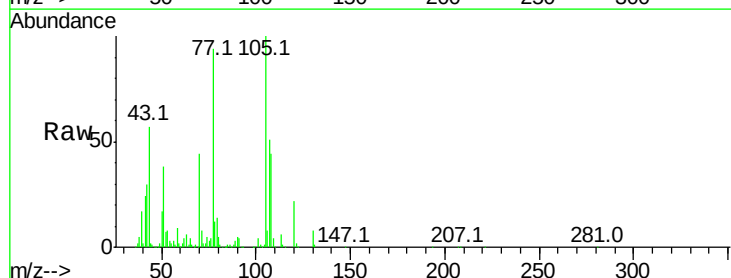
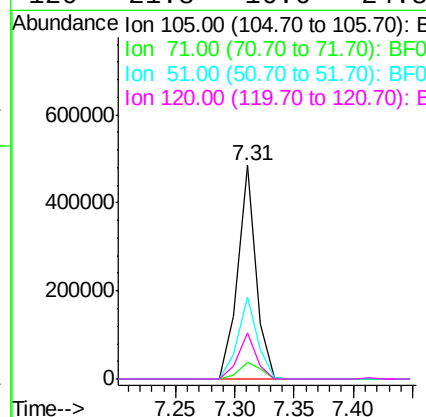
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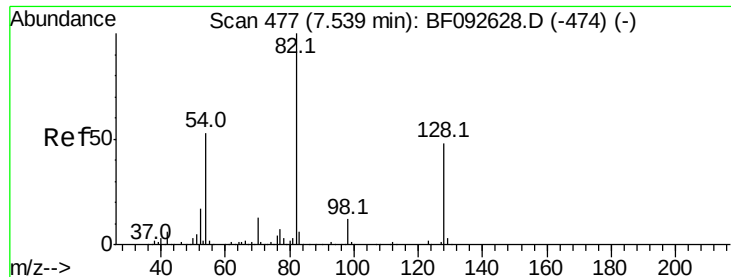
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#22
Acetophenone
Concen: 37.22 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	519138		
71	7.6	3.2	4.8#	
51	38.5	26.2	39.4	
120	21.8	16.6	24.8	





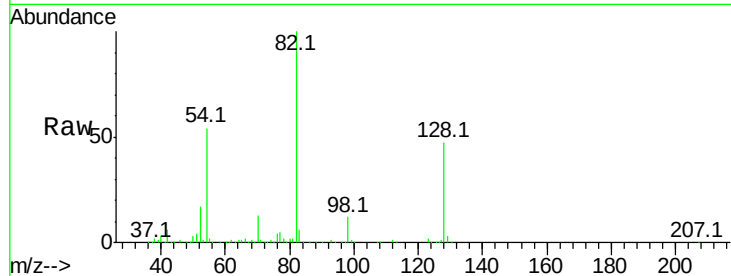
#23
Nitrobenzene-d5
Concen: 80.41 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

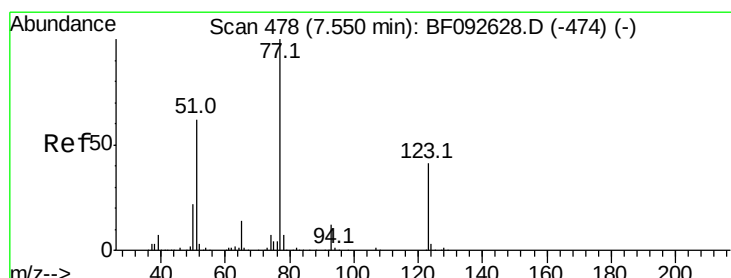
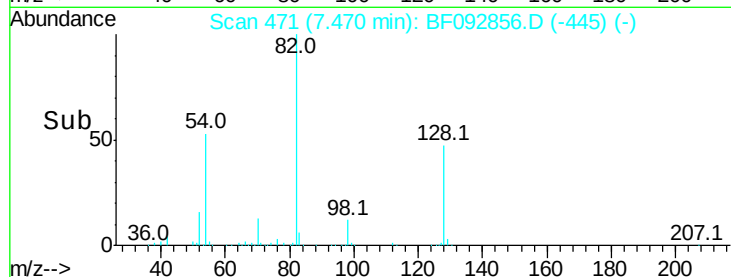
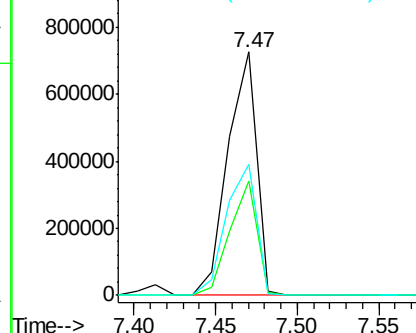
Tot Ion	Ratio	Resp	Lower	Upper
82	100	882165		
128	46.8		34.6	52.0
54	53.8		39.5	59.3

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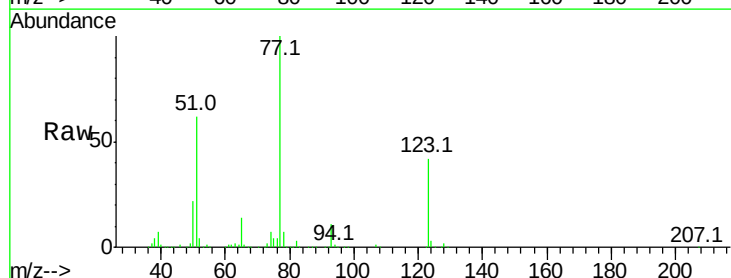


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

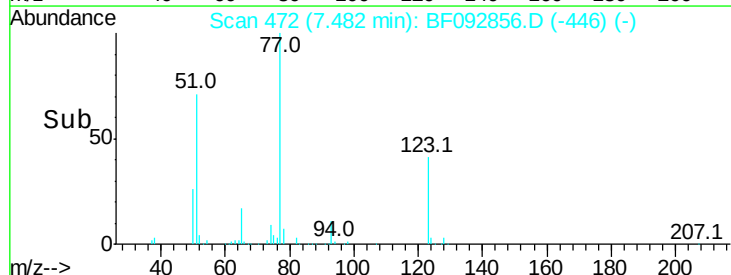
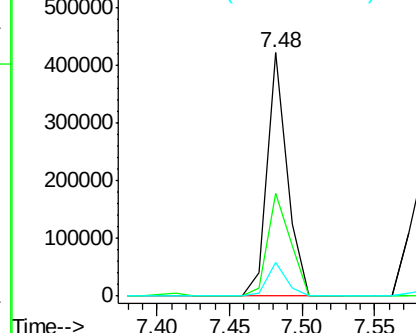


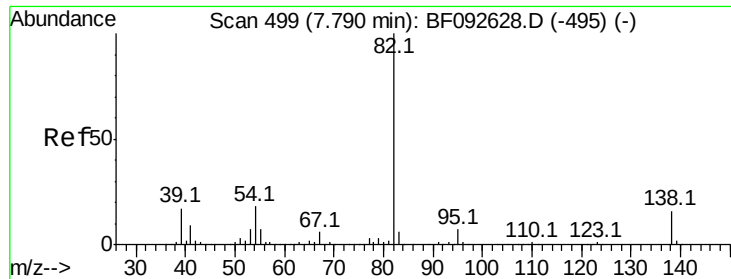
#24
Nitrobenzene
Concen: 35.79 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	403153		
123	42.0		33.0	49.4
65	14.0		11.2	16.8



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





#25

Isophorone

Concen: 38.93 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

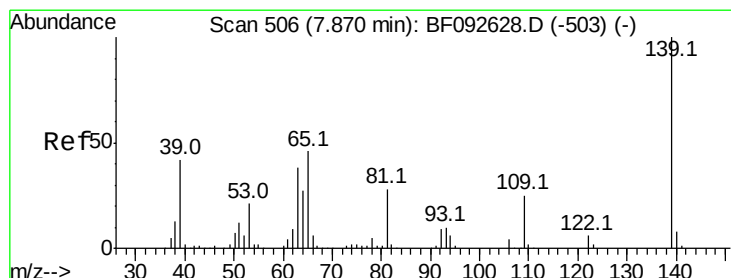
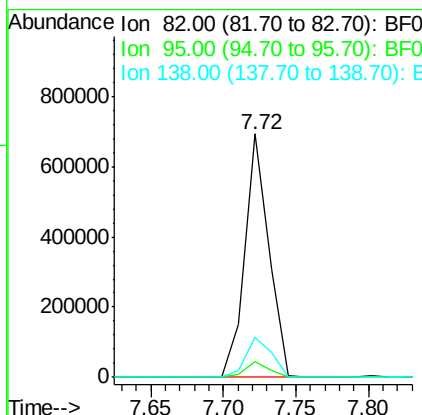
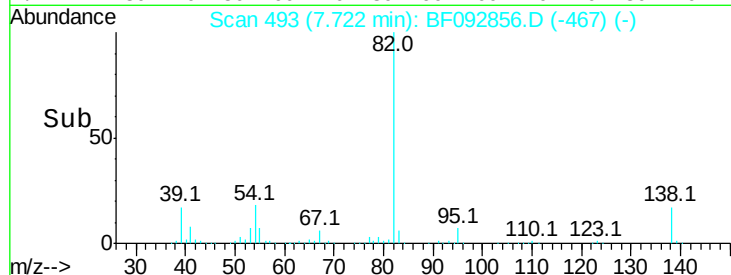
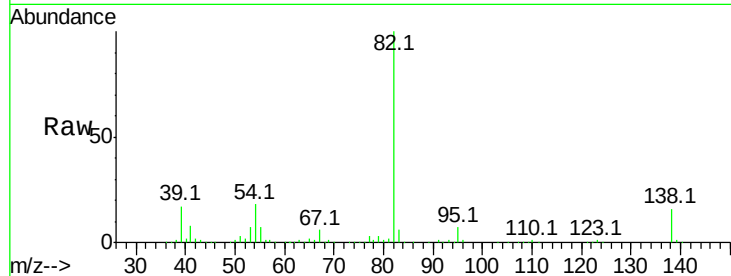
ClientSampleId :

PB96810BS

Tot Ion:	82	Resp:	795820
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	16.5	14.6	22.0

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#26

2-Nitrophenol

Concen: 42.83 ng

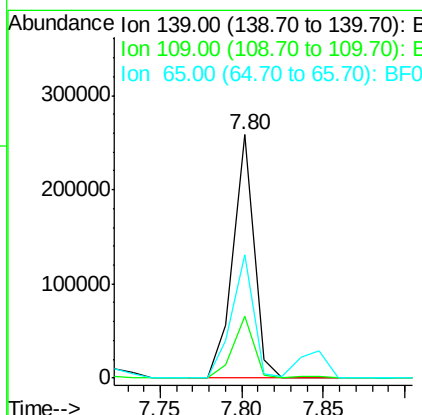
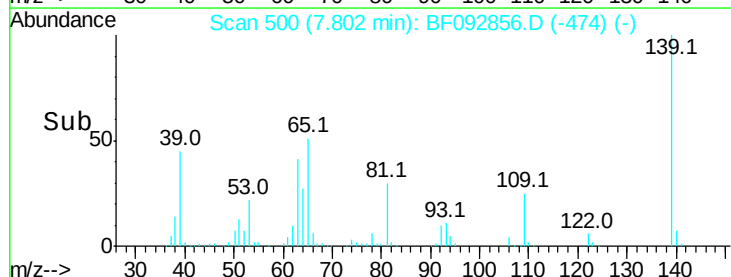
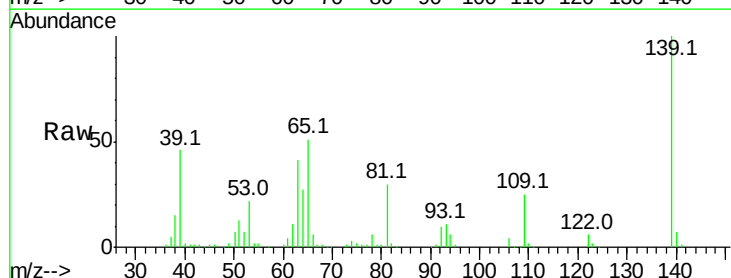
RT: 7.80 min Scan# 500

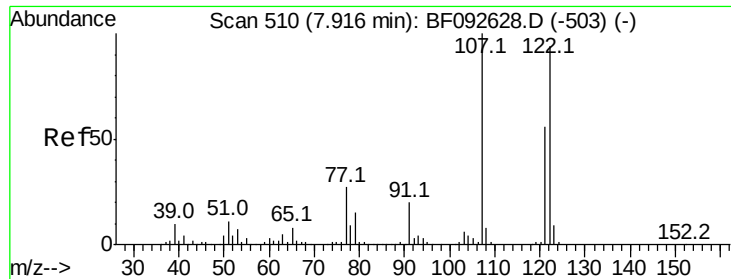
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:	139	Resp:	229348
Ion Ratio	Lower	Upper	
139	100		
109	25.3	23.3	34.9
65	50.6	42.7	64.1





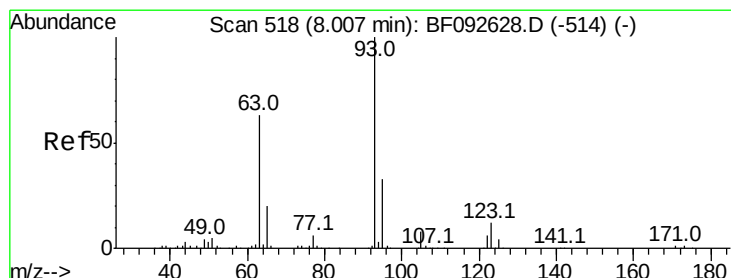
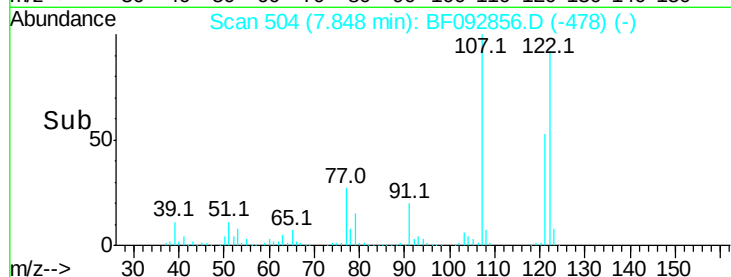
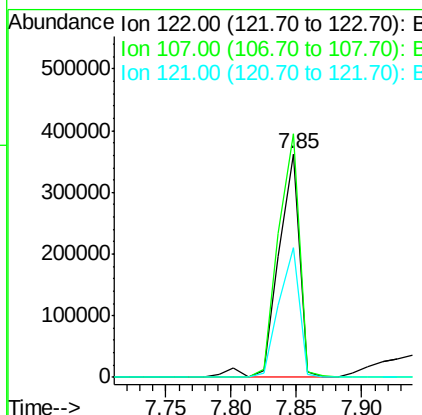
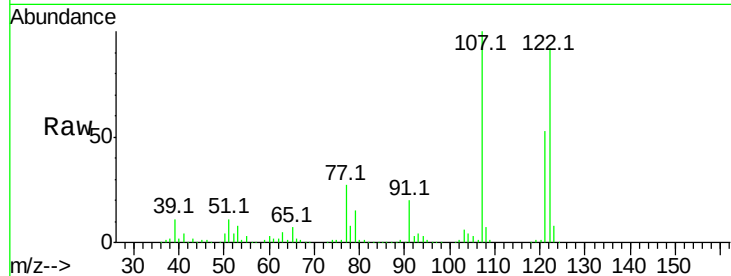
#27
 2,4-Dimethylphenol
 Concen: 43.99 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	413669		
107	108.9	94.1	141.1	
121	57.9	46.0	69.0	

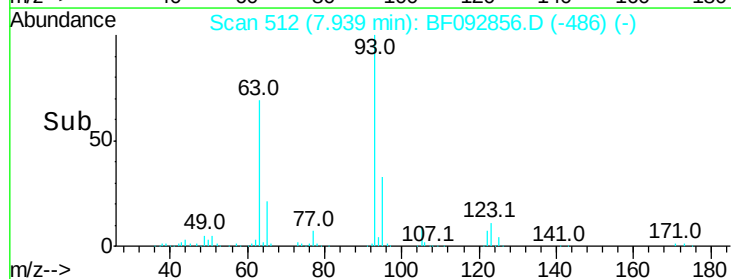
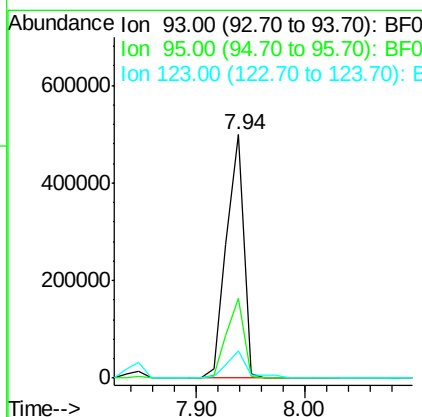
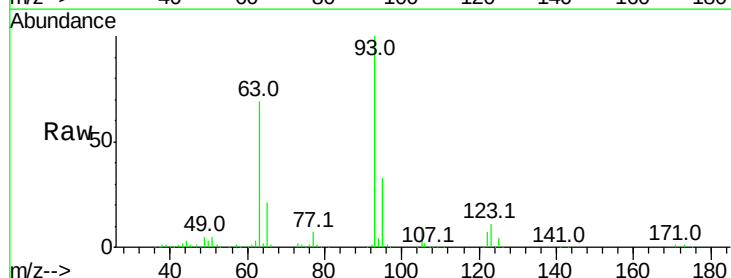
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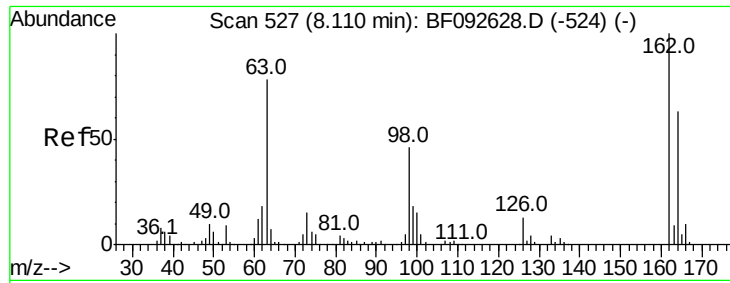
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.67 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	550649		
95	32.9	26.5	39.7	
123	11.4	8.6	13.0	





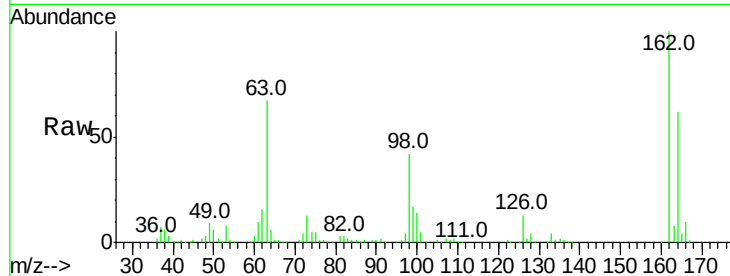
#29
 2,4-Dichlorophenol
 Concen: 41.15 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

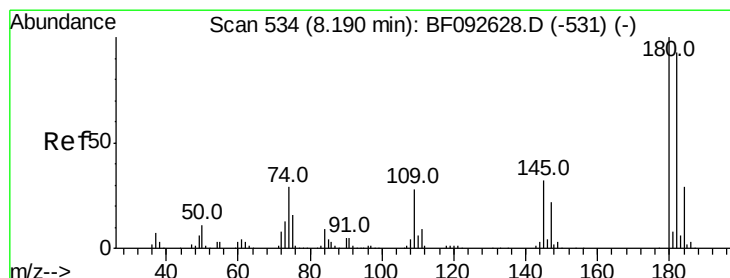
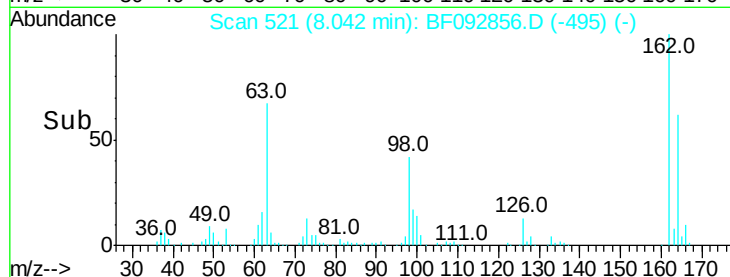
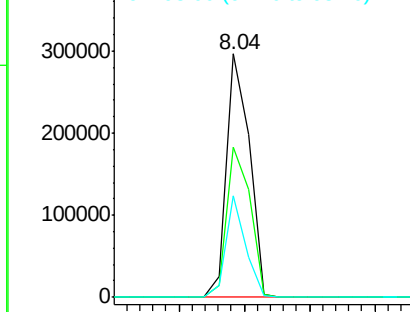
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.6	46.8	86.8
98	41.6	9.1	49.1

Manual Integrations
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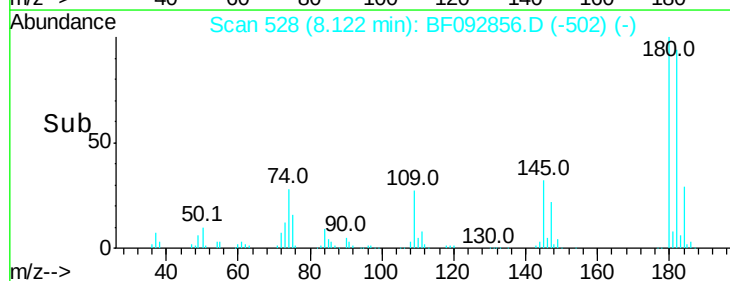
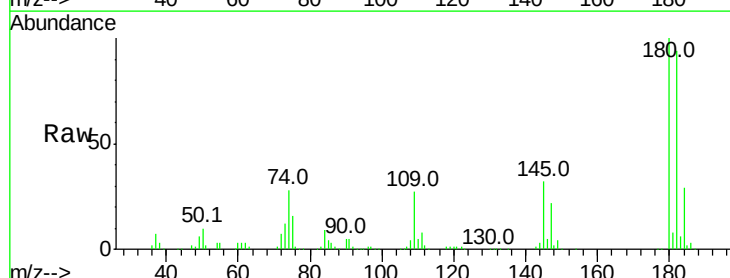
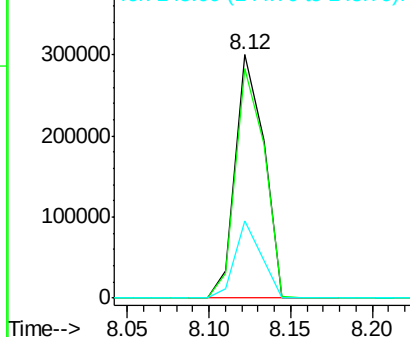
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

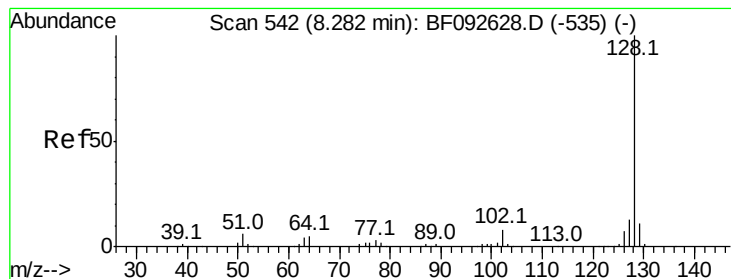


#30
 1,2,4-Trichlorobenzene
 Concen: 38.54 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	78.2	117.4
145	31.7	21.6	32.4

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





#31

Naphthalene

Concen: 36.23 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96810BS

Tot Ion:128 Resp: 1122105

Ion Ratio Lower Upper

128 100

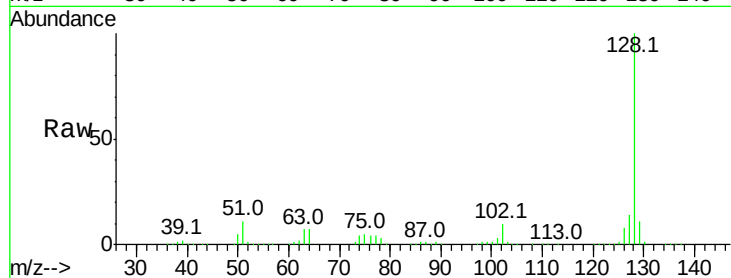
129 11.3 9.5 14.3

127 13.6 10.8 16.2

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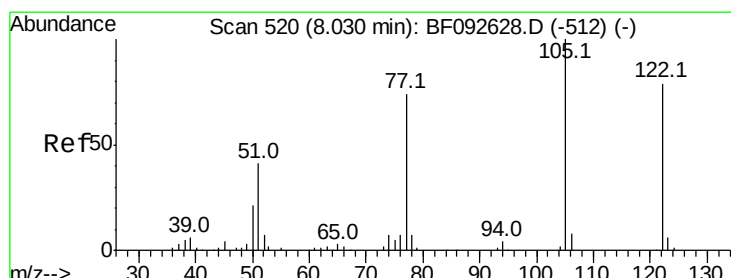
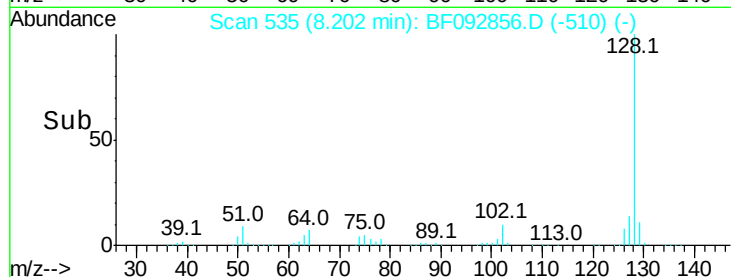
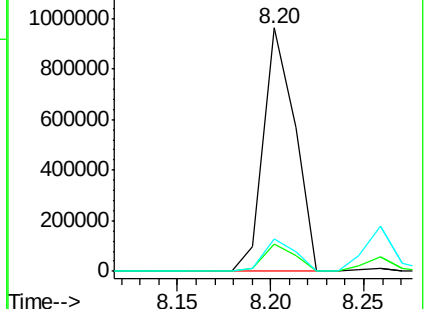
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.46 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

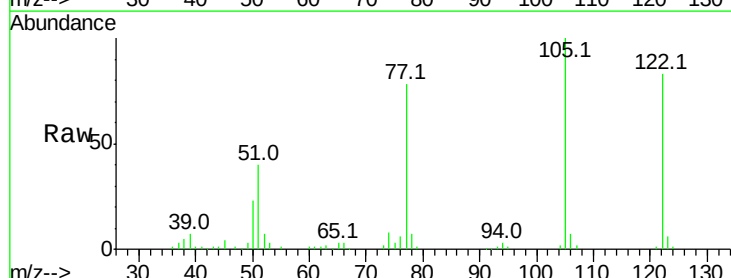
Tgt Ion:122 Resp: 239884

Ion Ratio Lower Upper

122 100

105 120.2 107.2 147.2

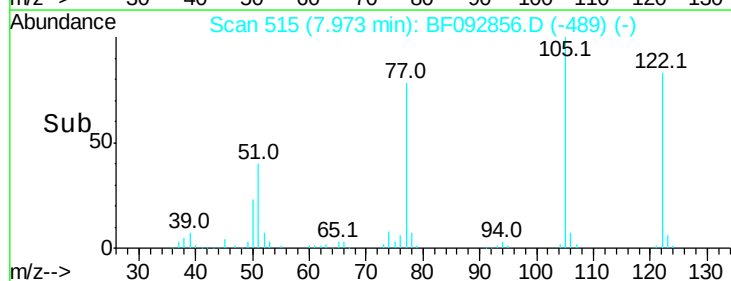
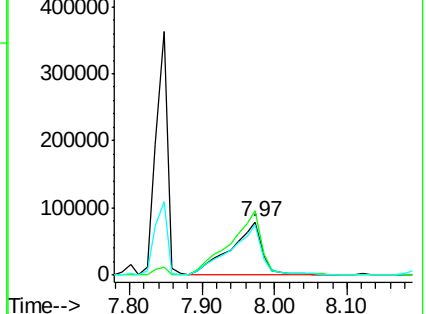
77 93.9 74.5 114.5

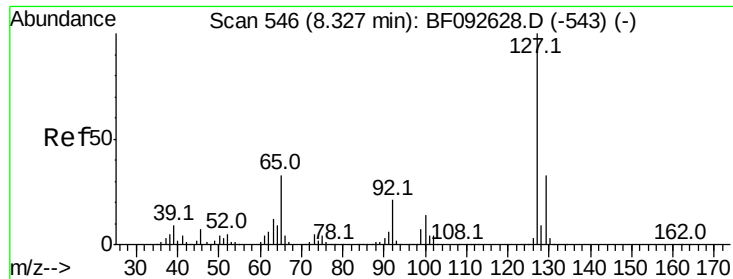


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





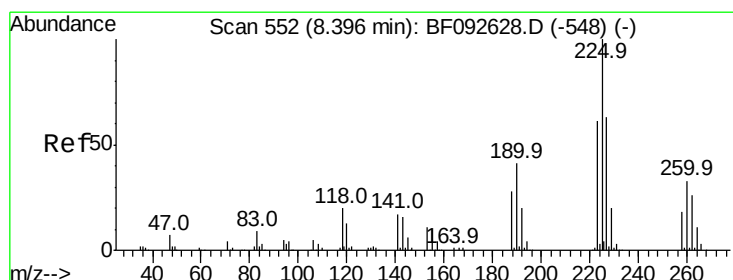
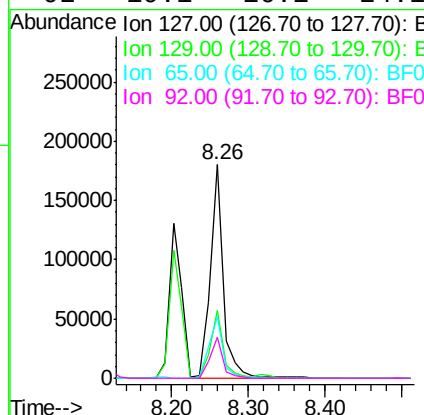
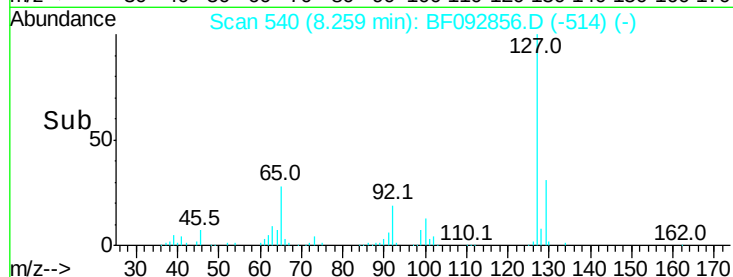
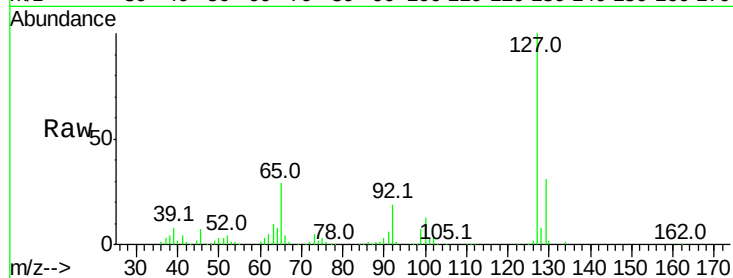
#33
4-Chloroaniline
Concen: 17.27 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	29.0	25.8	38.8
92	19.1	16.1	24.1

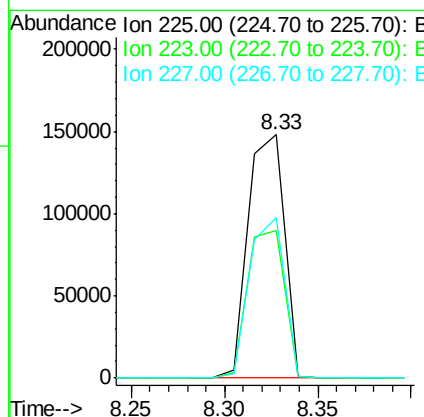
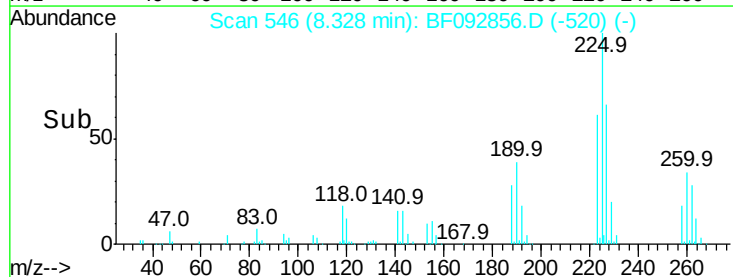
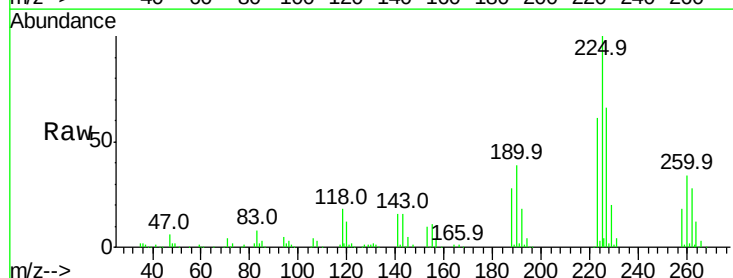
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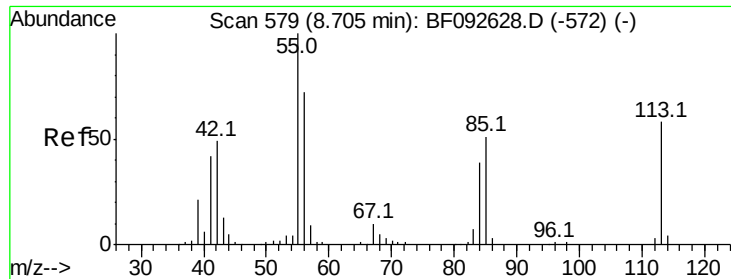
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#34
Hexachlorobutadiene
Concen: 38.33 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.0	76.6
227	65.9	50.6	76.0





#35

Caprolactam

Concen: 43.50 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

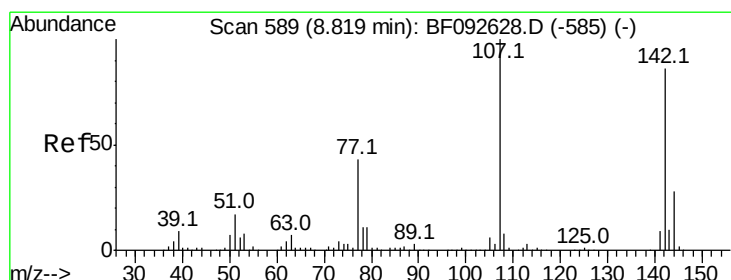
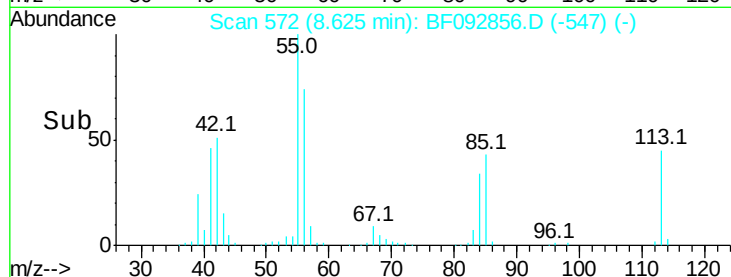
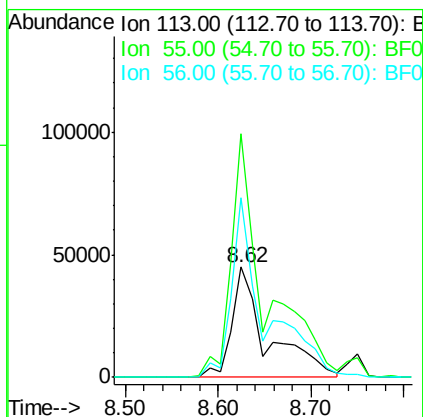
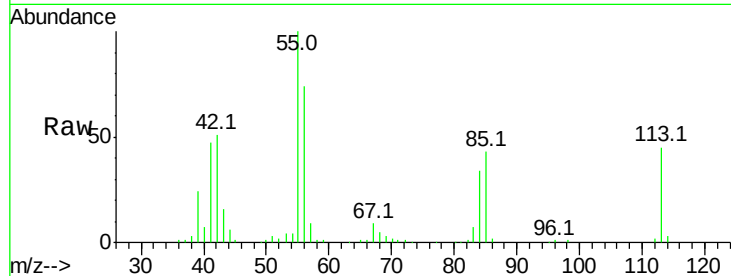
ClientSampleID :

PB96810BS

Tot Ion:	113	Resp:	120004
Ion Ratio	Lower	Upper	
113	100		
55	221.3	119.2	159.2#
56	163.0	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 44.85 ng/ml

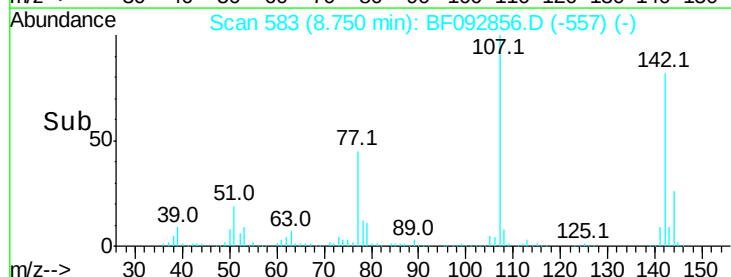
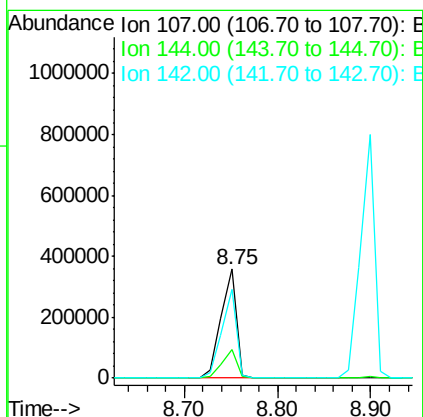
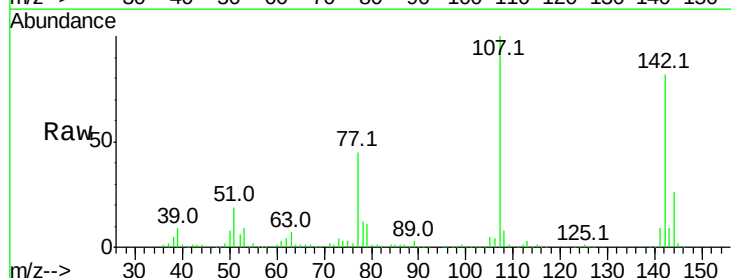
RT: 8.75 min Scan# 583

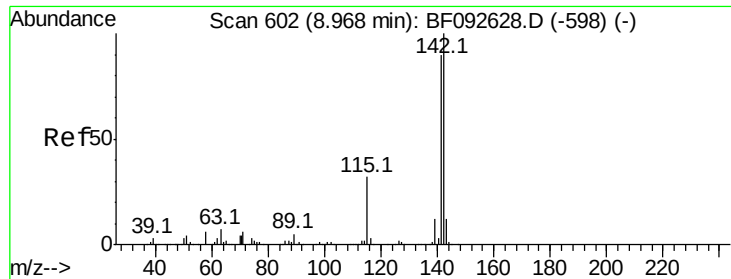
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:	107	Resp:	410139
Ion Ratio	Lower	Upper	
107	100		
144	25.8	19.3	28.9
142	81.6	59.0	88.6





#37

2-Methylnaphthalene

Concen: 41.83 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

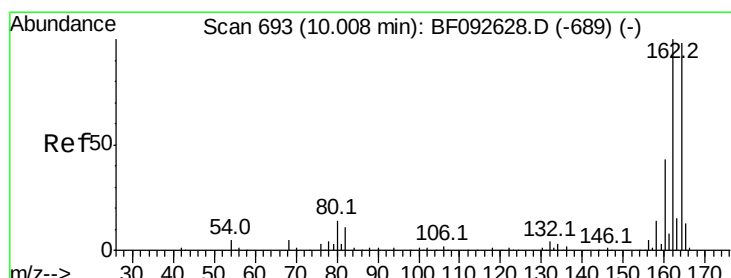
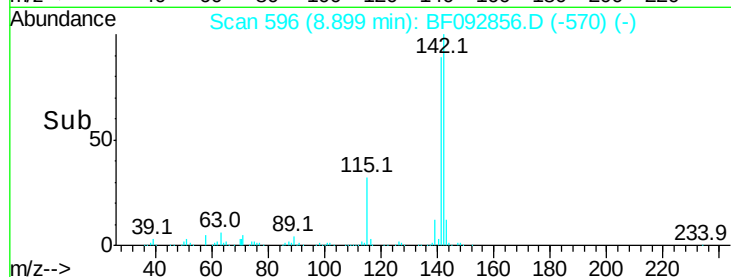
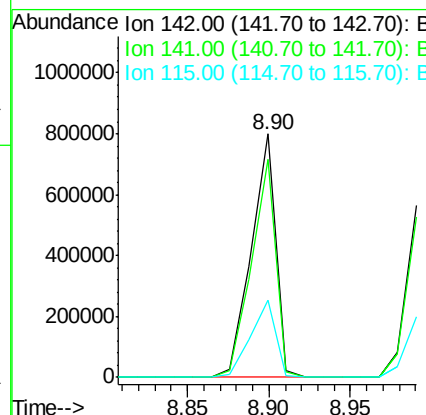
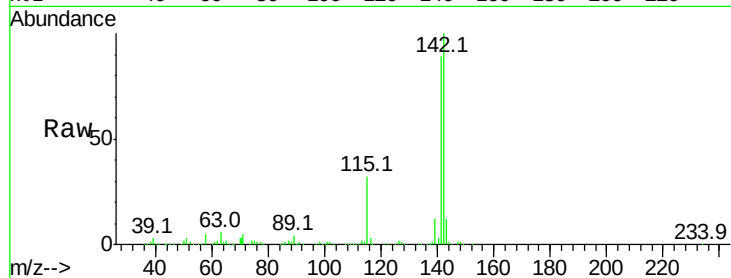
ClientSampled :

PB96810BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	31.5	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

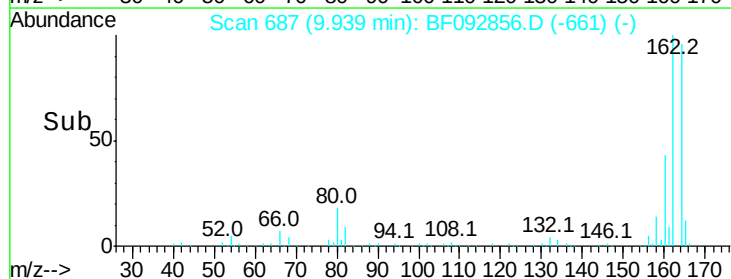
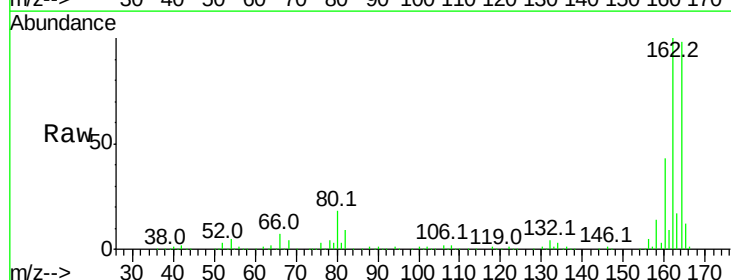
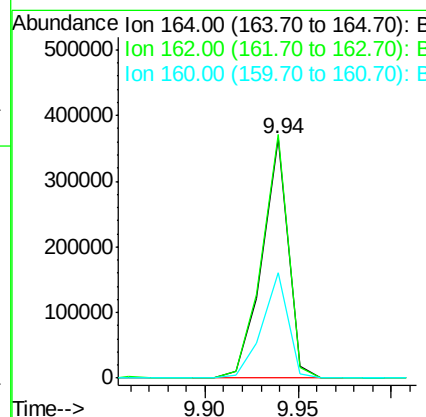
RT: 9.94 min Scan# 687

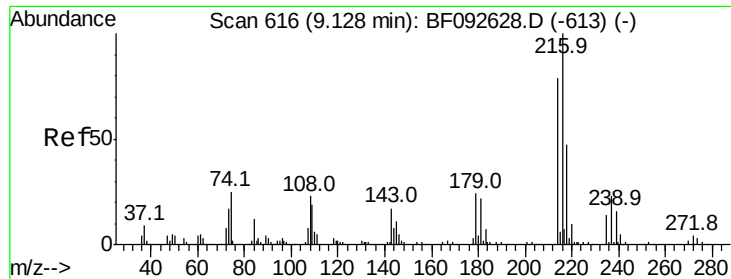
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	44.0	36.9	55.3





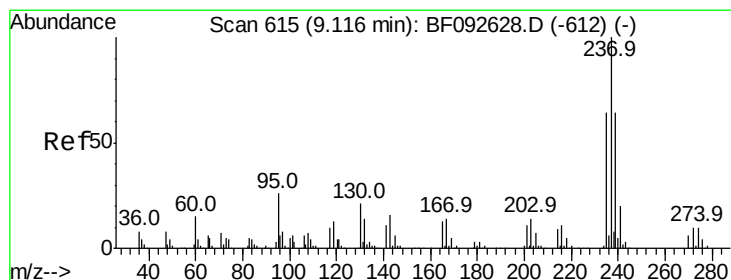
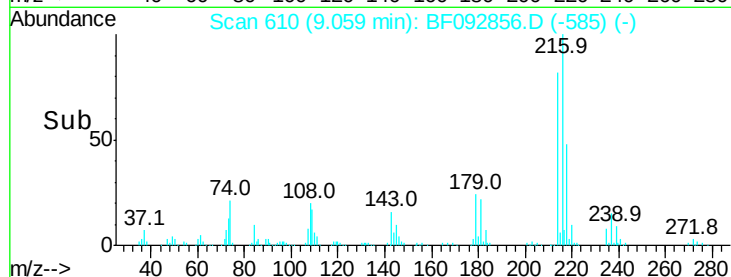
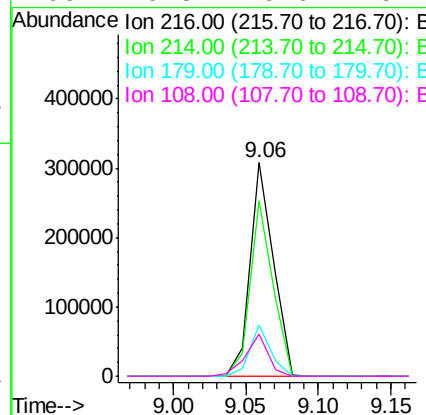
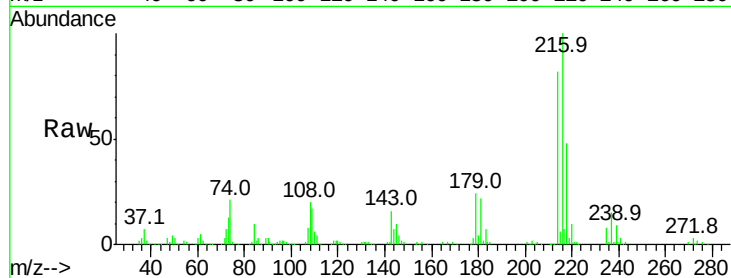
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.31 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	340055		
214	80.5	63.4	95.0	
179	21.5	17.4	26.2	
108	19.8	15.6	23.4	

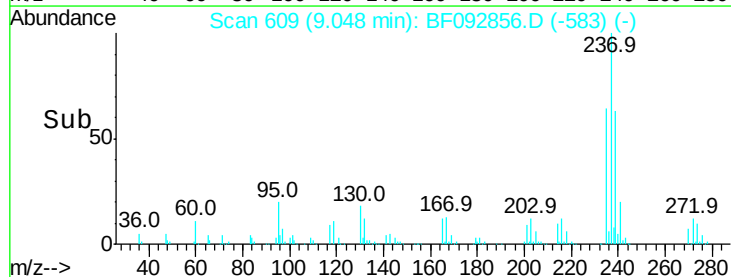
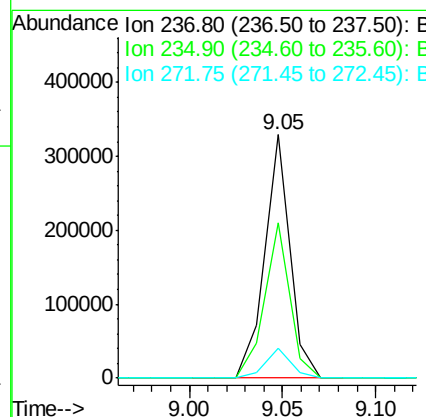
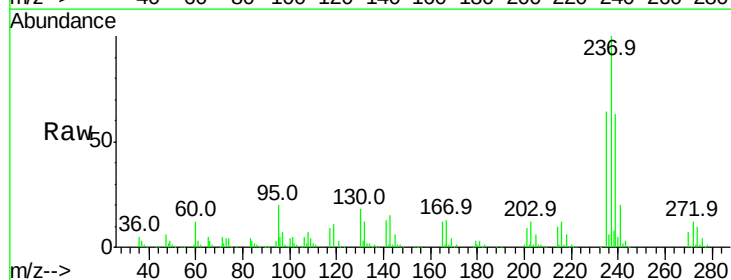
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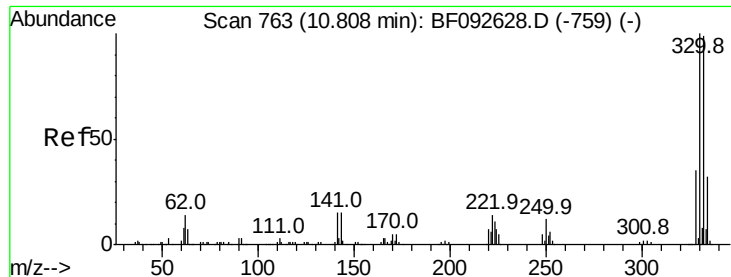
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#40
 Hexachlorocyclopentadiene
 Concen: 68.69 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	307194		
235	63.7	41.2	81.2	
272	12.1	0.0	35.4	





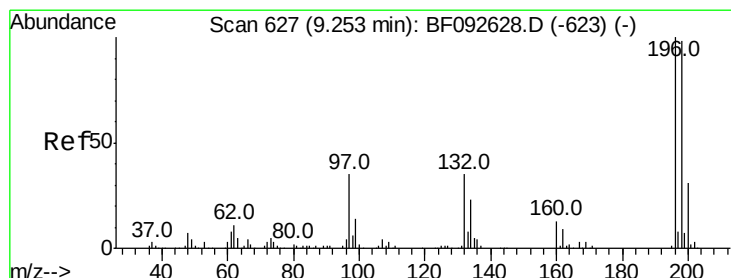
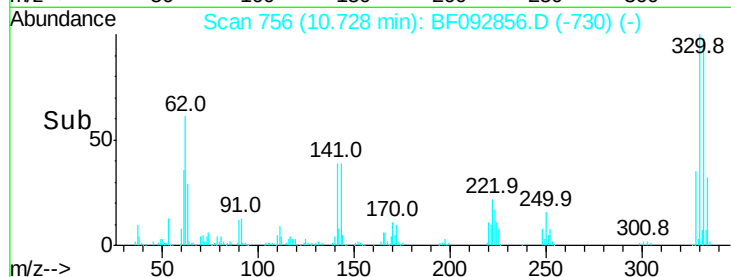
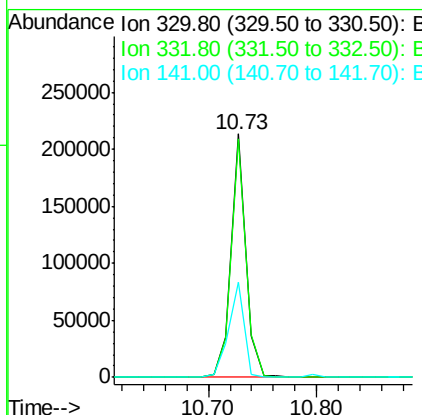
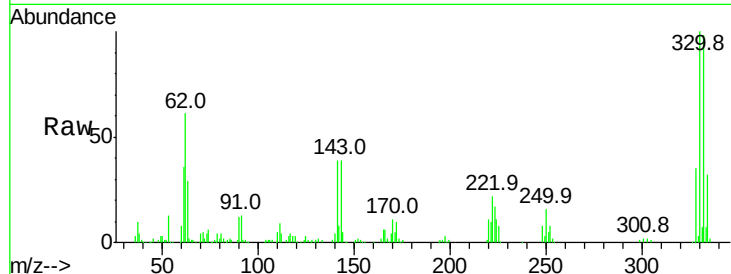
#41
 2,4,6-Tribromophenol
 Concen: 78.48 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	200433		
332	98.3		77.4	116.2
141	41.0		34.1	51.1

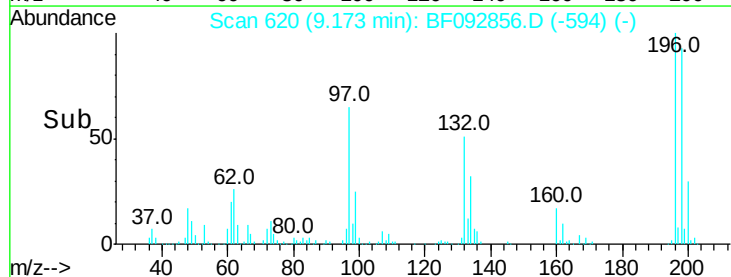
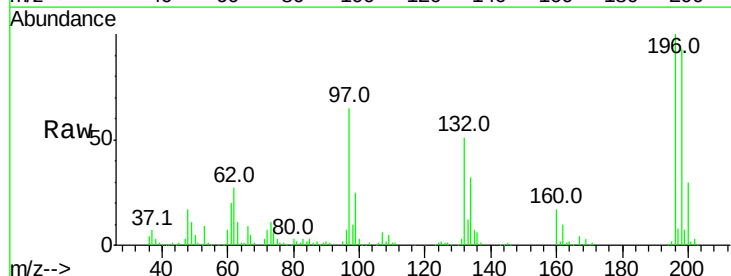
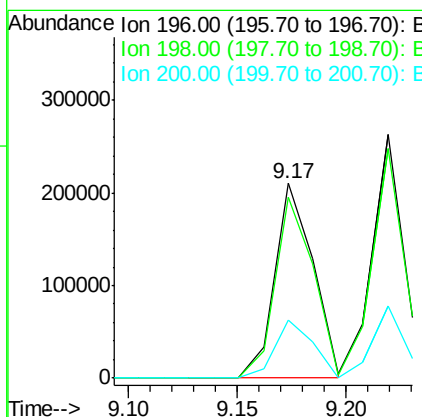
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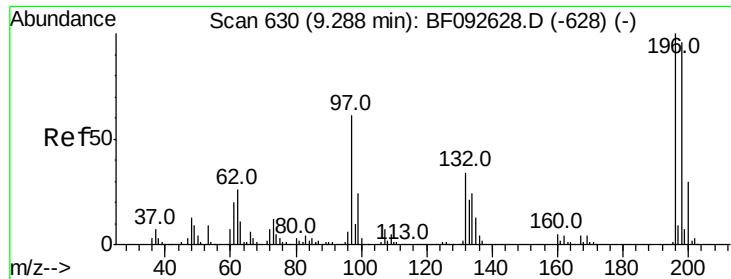
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#42
 2,4,6-Trichlorophenol
 Concen: 39.65 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258253		
198	93.4		82.1	123.1
200	29.7		27.0	40.4





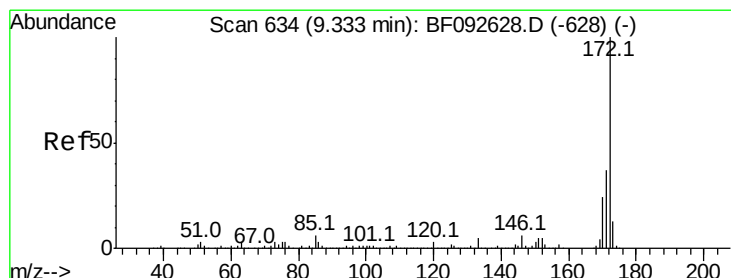
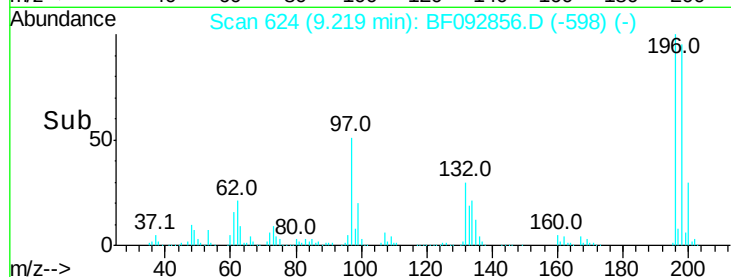
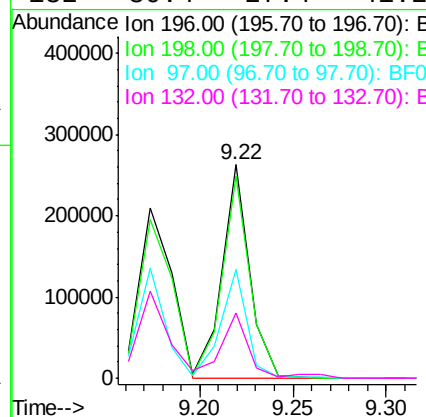
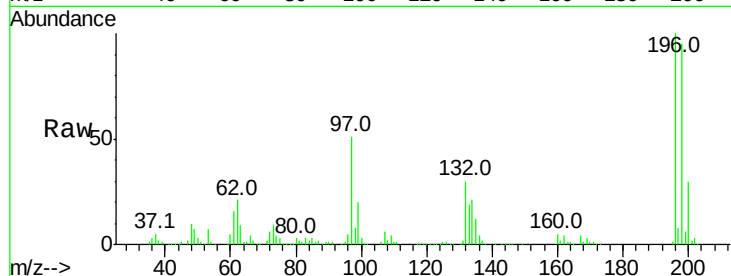
#43
 2,4,5-Trichlorophenol
 Concen: 37.51 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	267669		
198	94.5	79.4	119.2	
97	51.2	51.5	77.3	
132	30.4	27.4	41.2	

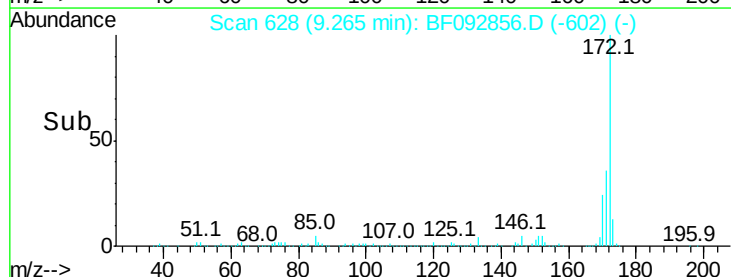
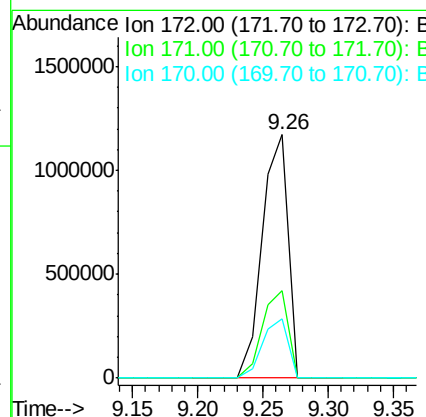
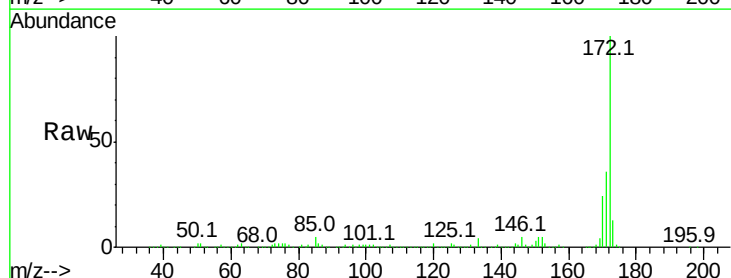
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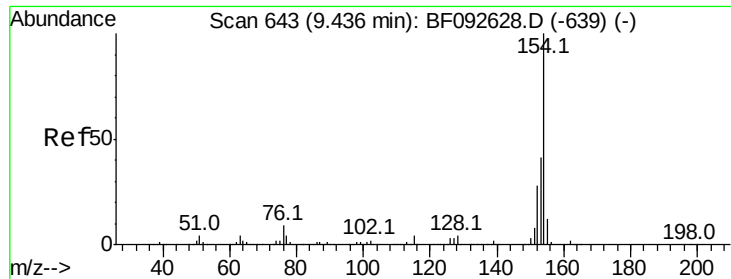
mohammad
 2/9/2017 12:31:07 PM



#44
 2-Fluorobiphenyl
 Concen: 83.00 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1617651		
171	36.0	29.4	44.0	
170	24.3	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 35.51 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

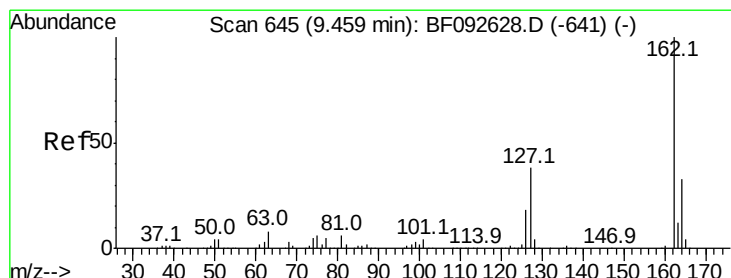
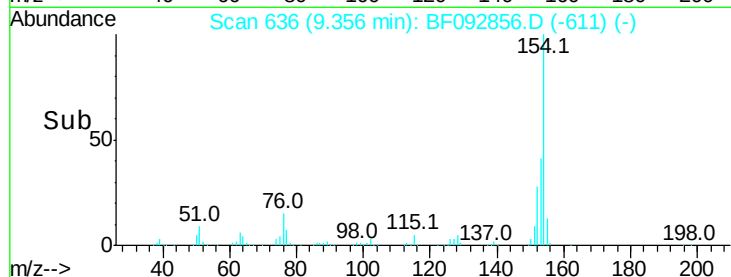
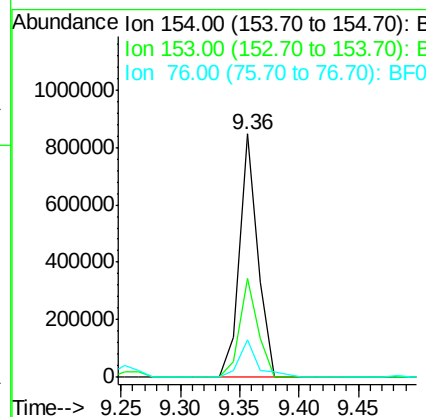
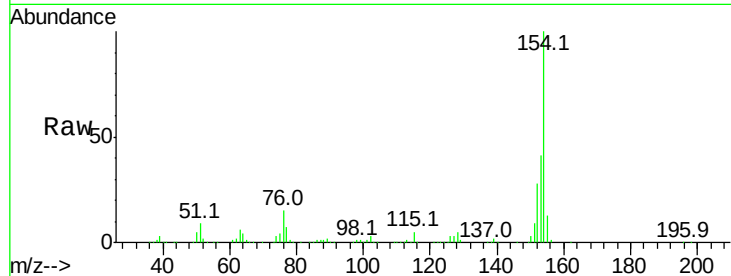
ClientSampleId :

PB96810BS

Tot Ion:	154	Resp:	907822
Ion Ratio	Lower	Upper	
154	100		
153	40.9	20.9	60.9
76	15.5	0.0	30.5

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#46

2-Chloronaphthalene

Concen: 38.38 ng

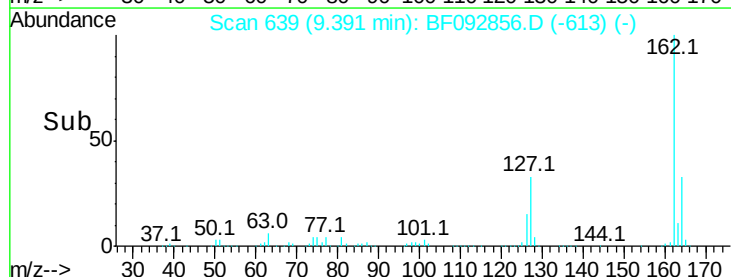
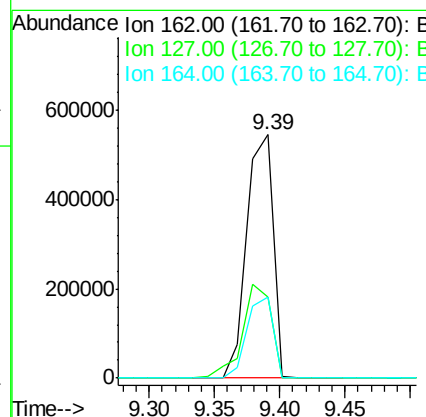
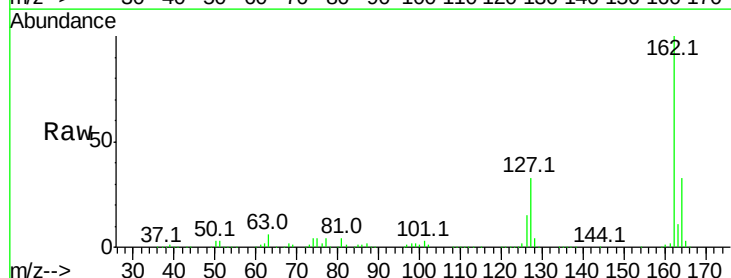
RT: 9.39 min Scan# 639

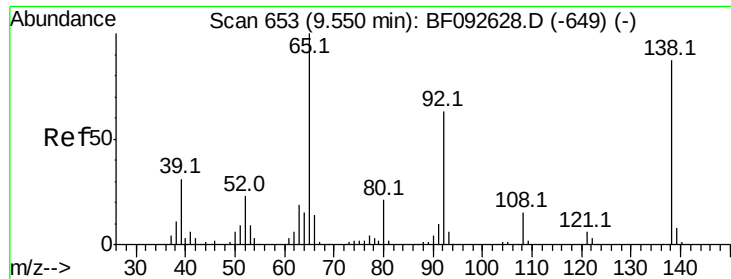
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:	162	Resp:	767696
Ion Ratio	Lower	Upper	
162	100		
127	33.4	30.7	46.1
164	33.4	27.6	41.4





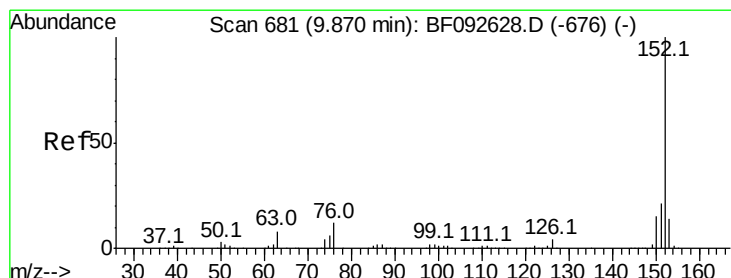
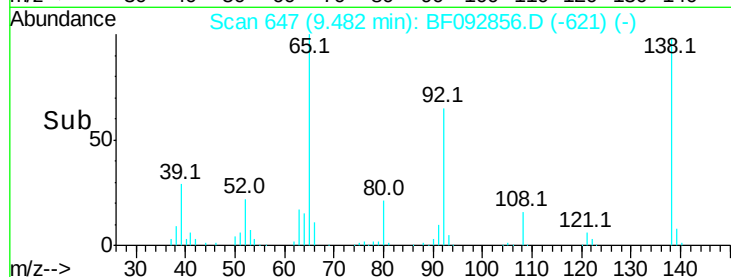
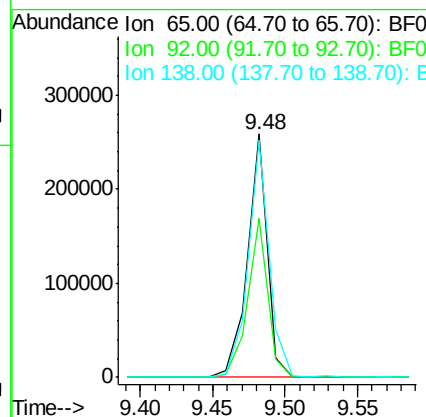
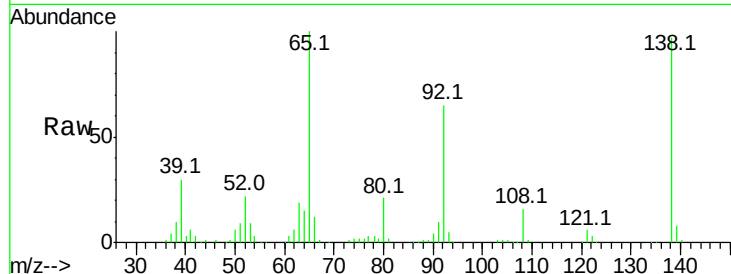
#47
2-Nitroaniline
Concen: 36.32 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	97.3	76.8	115.2

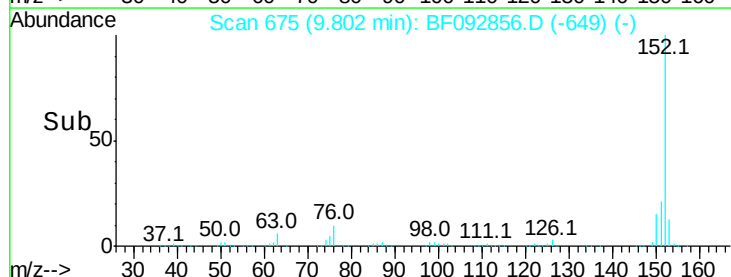
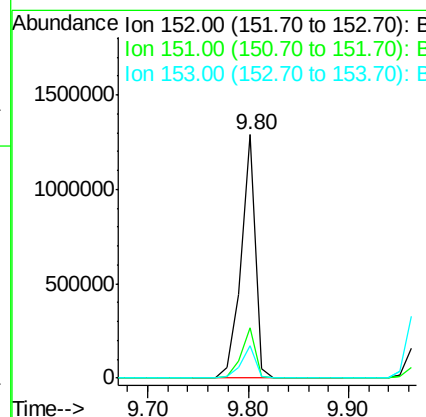
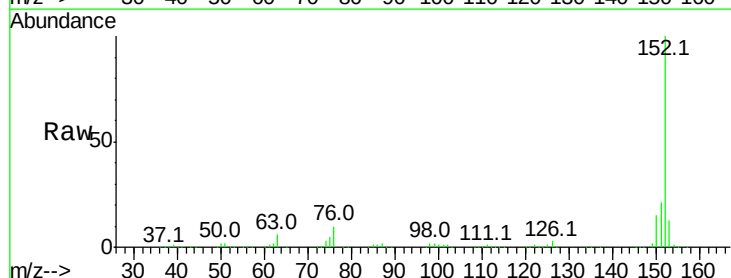
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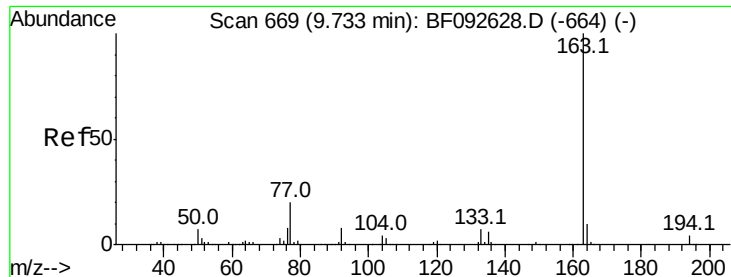
mohammad
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#48
Acenaphthylene
Concen: 36.50 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.4	11.4	17.2





#49

Dimethylphthalate

Concen: 40.28 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

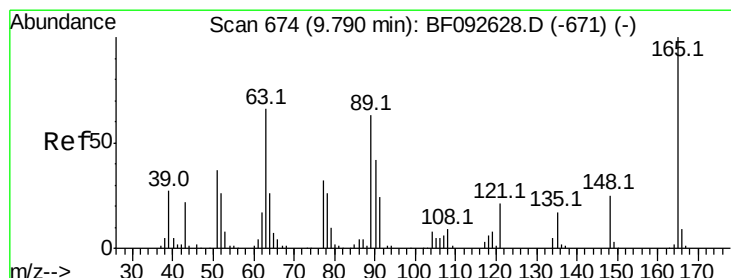
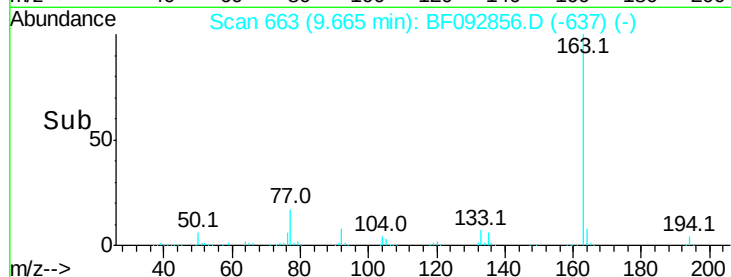
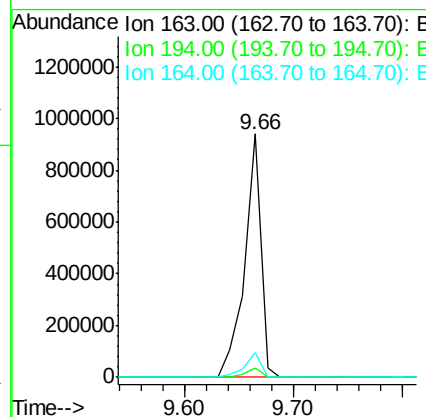
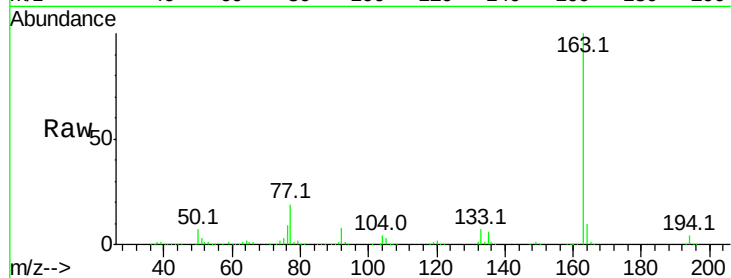
ClientSampleId :

PB96810BS

Tot Ion:	163	Resp:	958027
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.4
164	10.2	8.0	12.0

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 37.64 ng

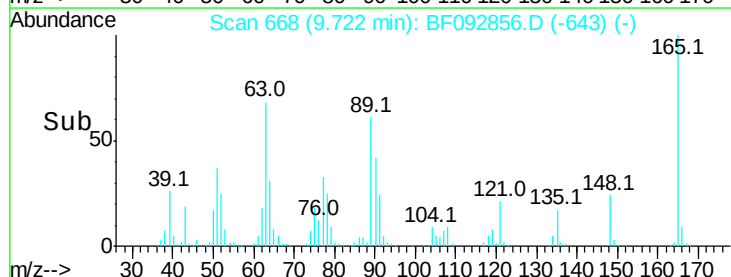
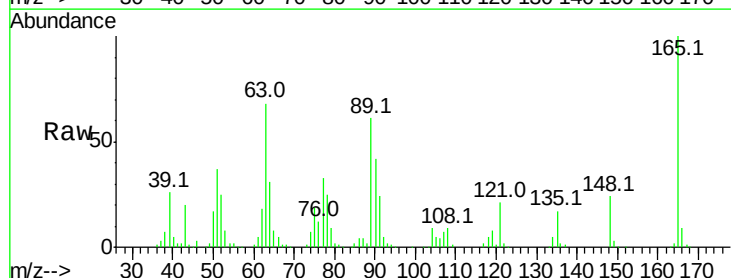
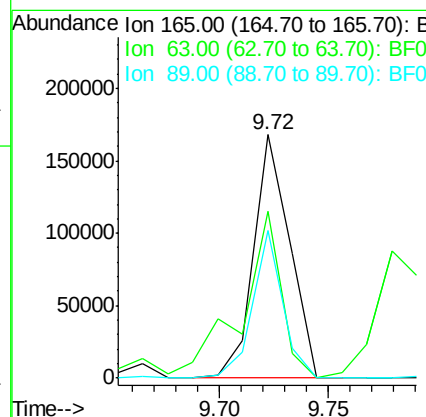
RT: 9.72 min Scan# 668

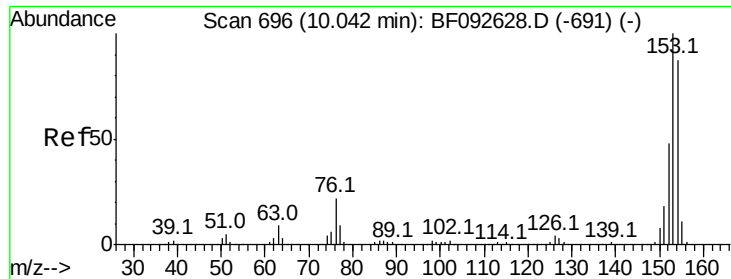
Delta R.T. -0.01 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:	165	Resp:	193310
Ion Ratio	Lower	Upper	
165	100		
63	68.4	36.2	54.4#
89	60.7	40.2	60.4#





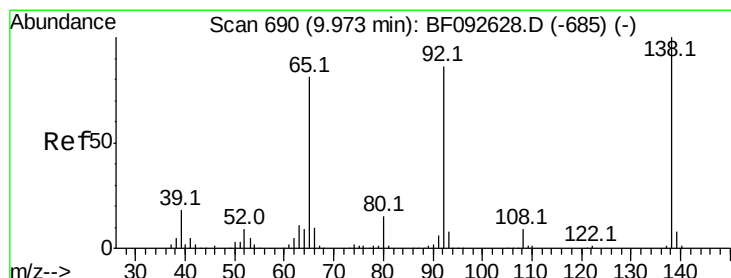
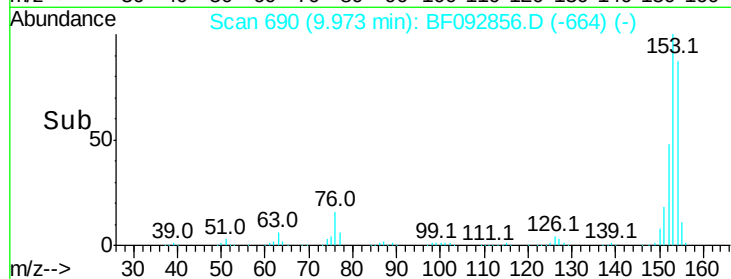
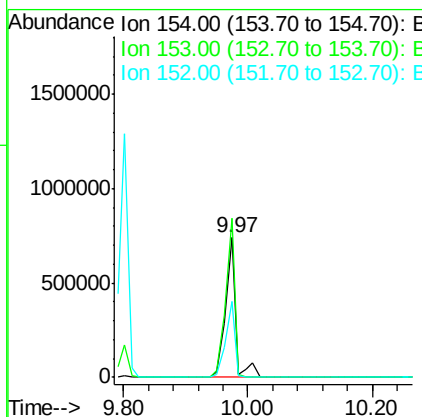
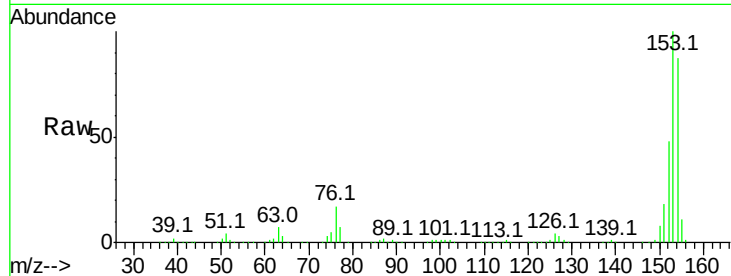
#51
Acenaphthene
Concen: 40.32 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.6	133.0
152	54.5	41.6	62.4

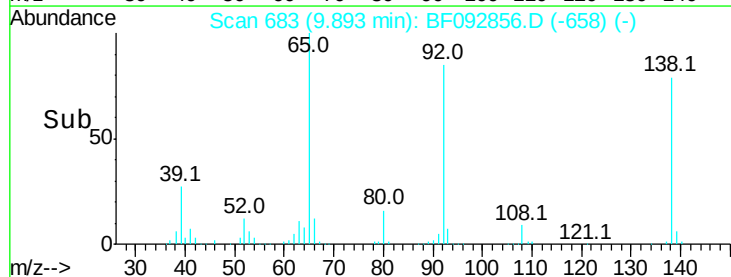
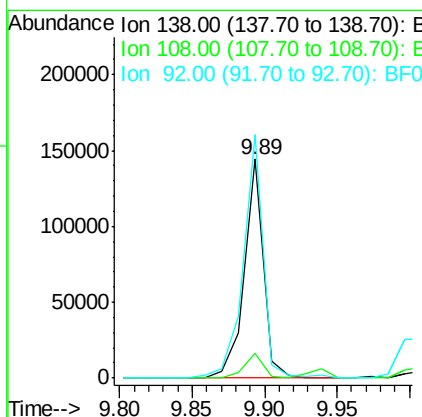
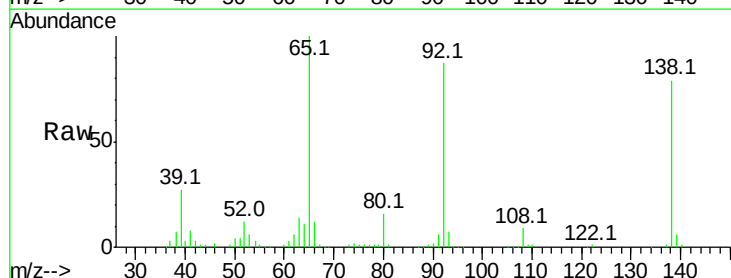
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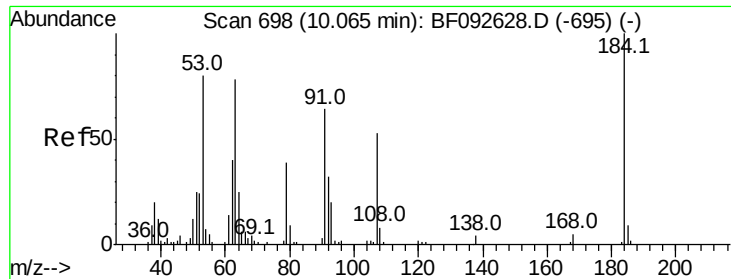
mohammad
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#52
3-Nitroaniline
Concen: 22.47 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	111.3	97.8	146.8





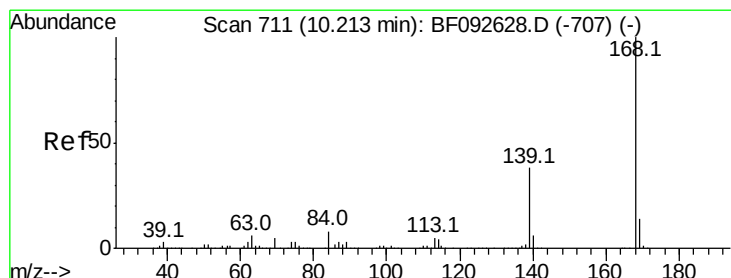
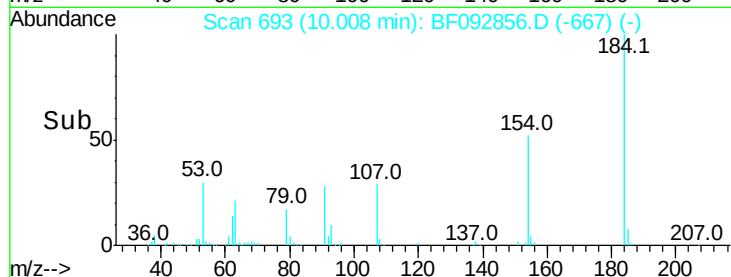
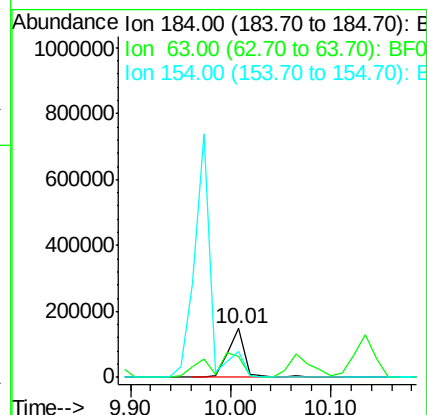
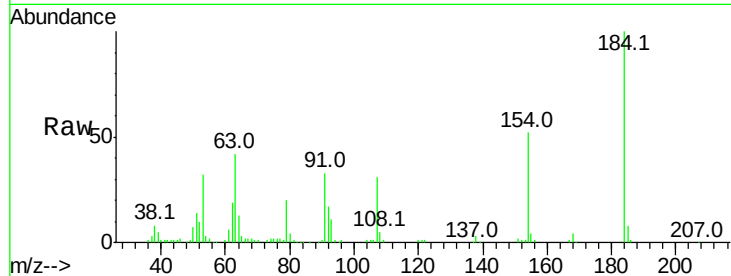
#53
2,4-Dinitrophenol
Concen: 66.08 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	41.5	28.4	42.6
154	52.2	44.3	66.5

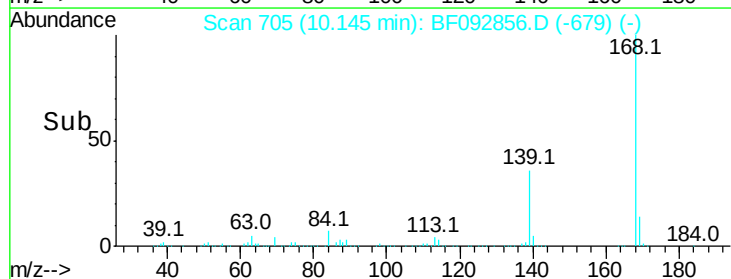
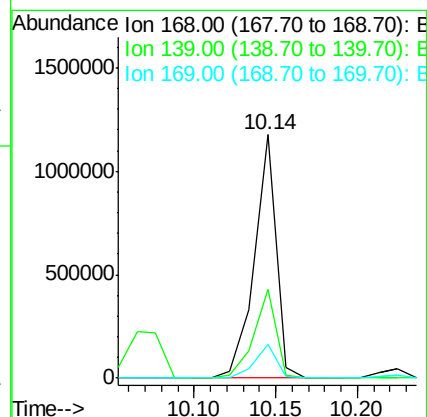
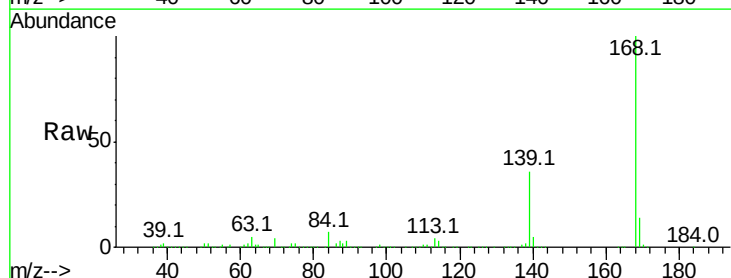
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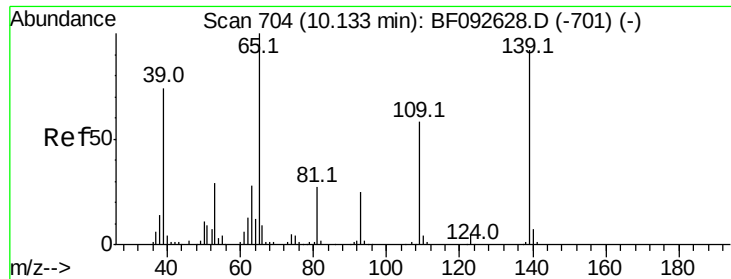
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#54
Dibenzofuran
Concen: 39.57 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	32.6	49.0
169	13.6	11.3	16.9





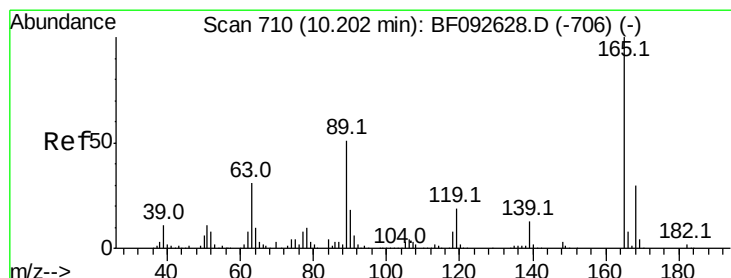
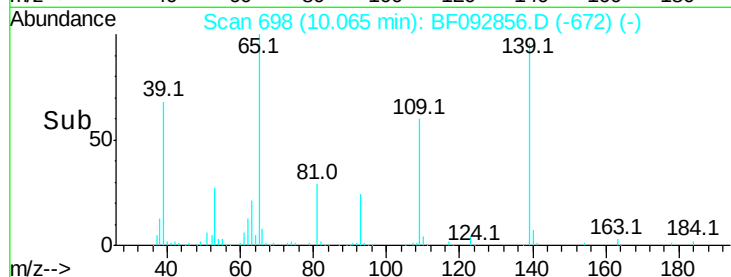
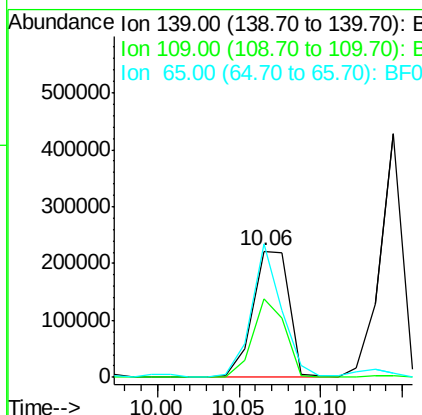
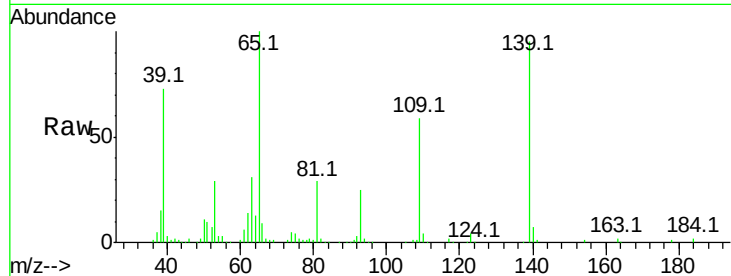
#55
4-Nitrophenol
Concen: 81.23 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampled :
PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.6	52.2	92.2	
65	105.3	85.8	125.8	

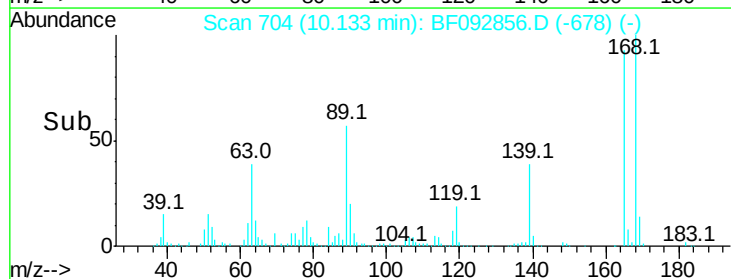
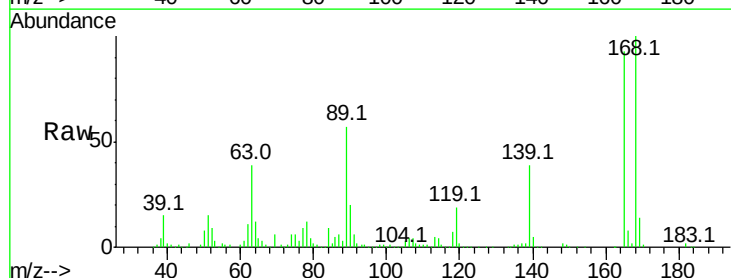
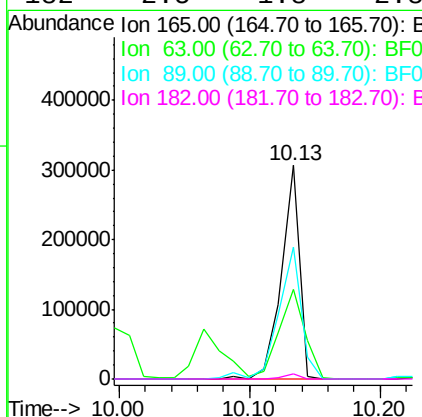
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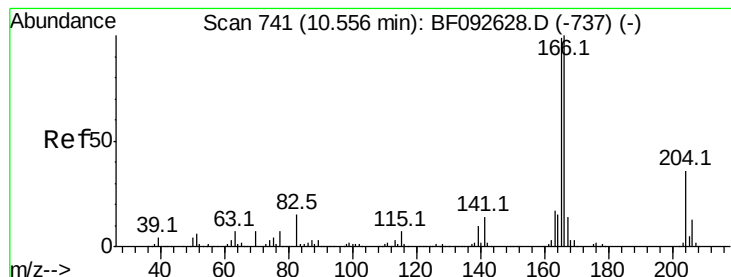
mohammad
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#56
2,4-Dinitrotoluene
Concen: 43.74 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.8	40.2	60.4	
89	61.6	62.5	93.7#	
182	2.5	1.8	2.8	





#57

Fluorene

Concen: 39.54 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

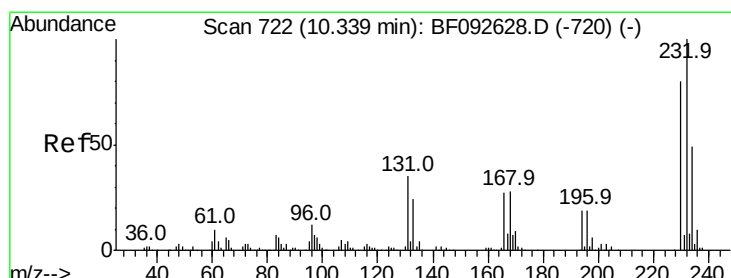
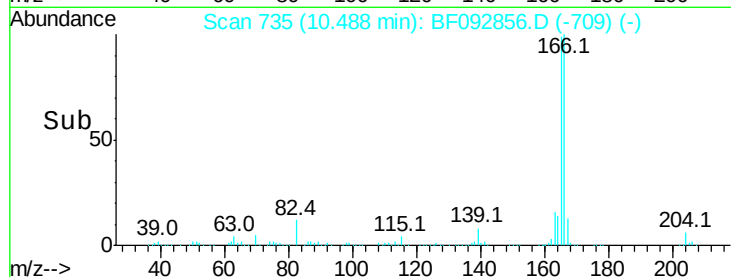
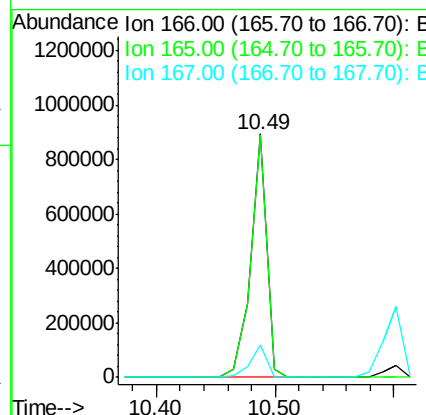
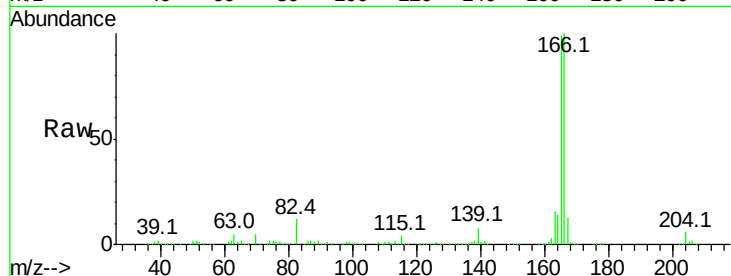
ClientSampleId :

PB96810BS

Tot Ion:	166	Resp:	840548
Ion Ratio	Lower	Upper	
166	100		
165	99.4	77.8	116.8
167	13.3	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.03 ng

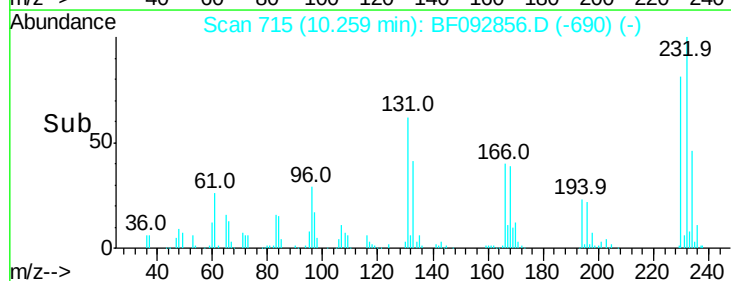
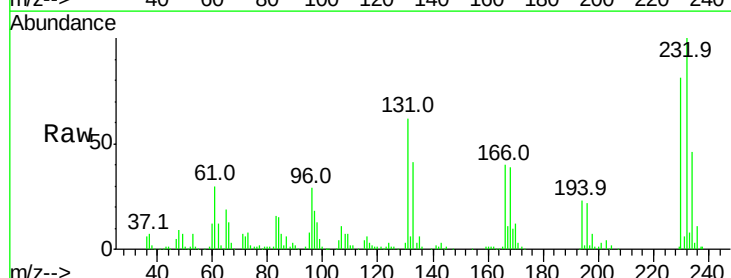
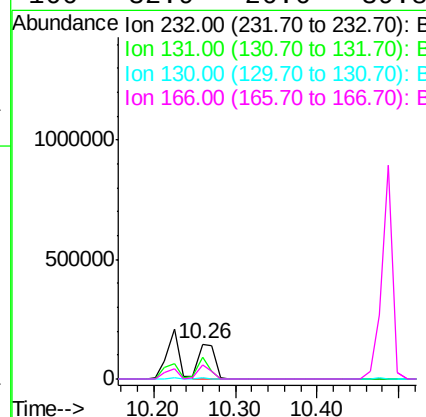
RT: 10.26 min Scan# 715

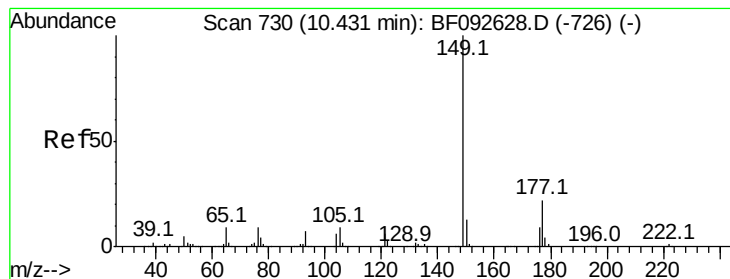
Delta R.T. -0.01 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:	232	Resp:	204829
Ion Ratio	Lower	Upper	
232	100		
131	46.8	40.1	60.1
130	2.3	1.8	2.8
166	32.9	26.6	39.8





#59

Diethylphthalate

Concen: 40.97 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

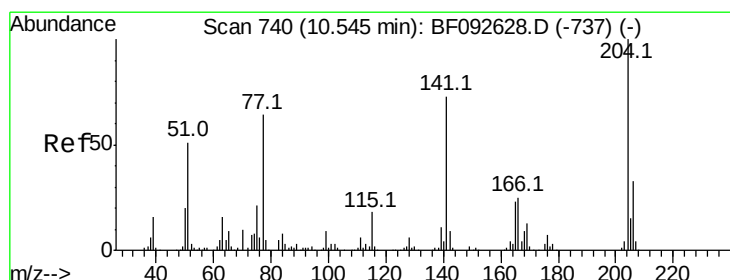
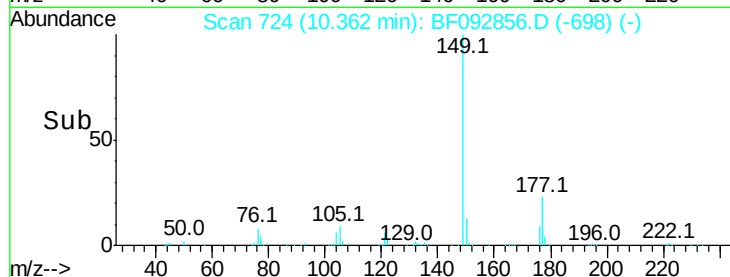
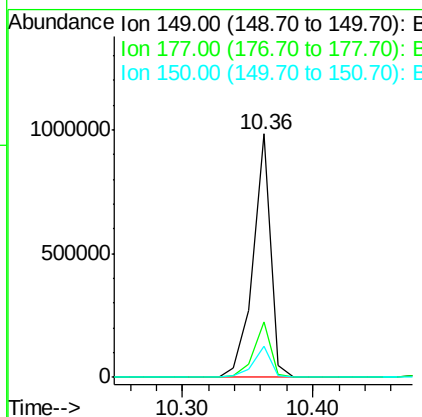
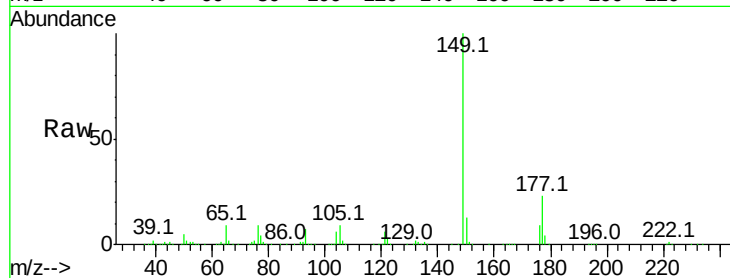
ClientSampled :

PB96810BS

Tot Ion:	149	Resp:	918244
Ion Ratio	Lower	Upper	
149	100		
177	22.6	16.6	25.0
150	12.7	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 36.02 ng

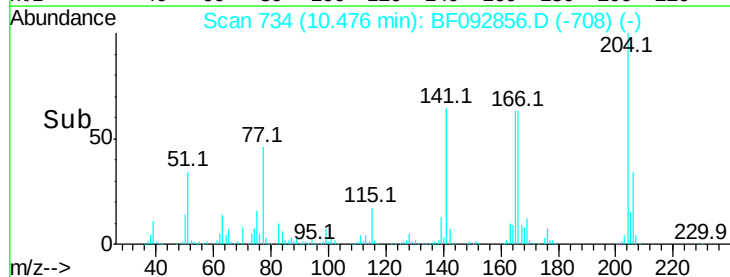
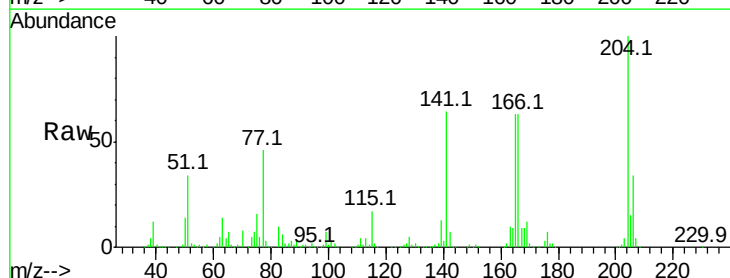
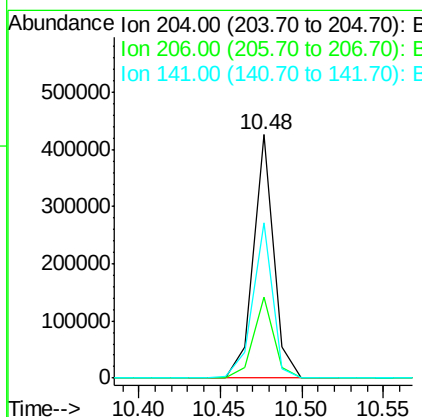
RT: 10.48 min Scan# 734

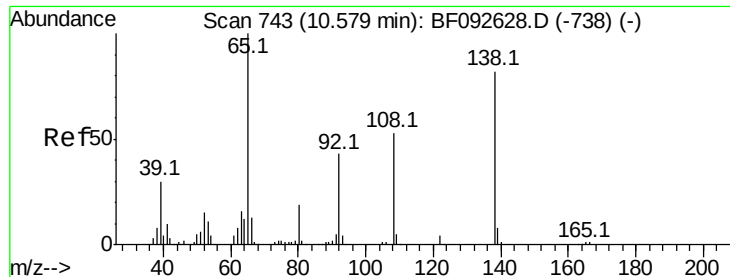
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:	204	Resp:	367840
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.8	38.6
141	63.9	59.4	89.0





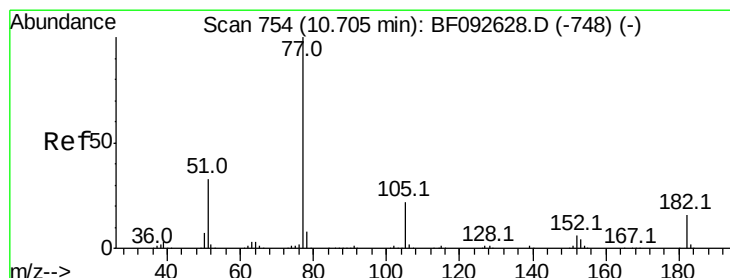
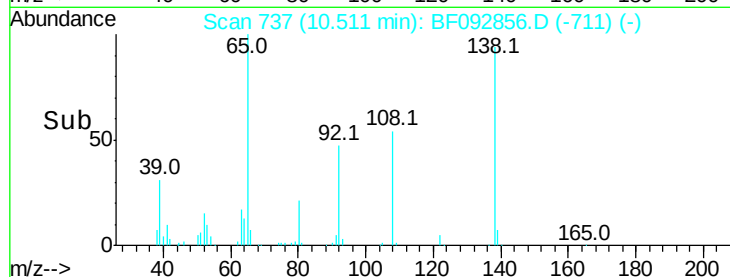
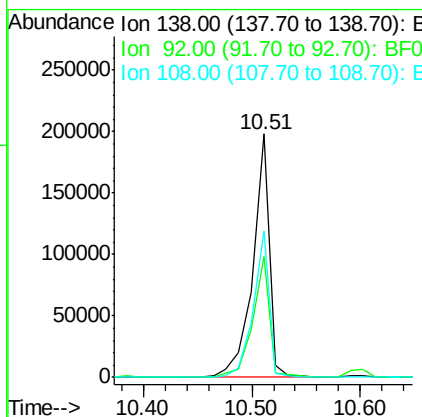
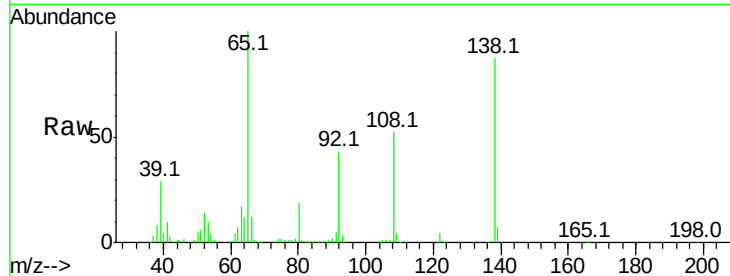
#61
4-Nitroaniline
Concen: 35.09 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	211260		
92	49.6	31.7	71.7	
108	60.2	52.6	92.6	

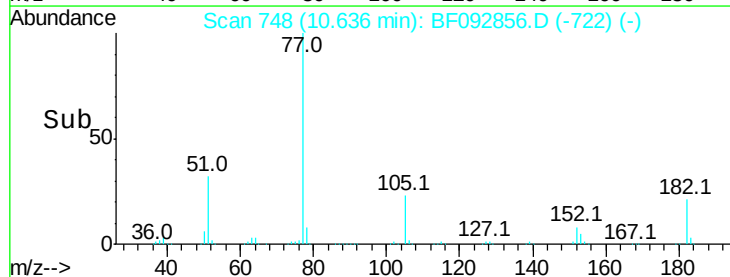
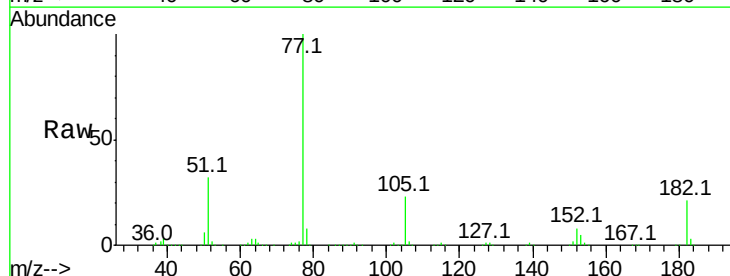
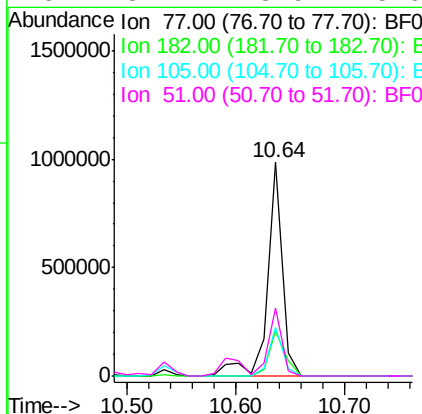
Manual Integrations
APPROVED

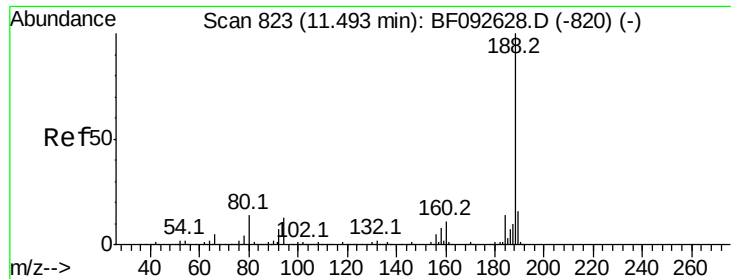
mohammad
2/9/2017 12:31:07 PM



#62
Azobenzene
Concen: 41.31 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	956592		
182	20.7	0.0	39.3	
105	23.0	2.3	42.3	
51	31.7	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

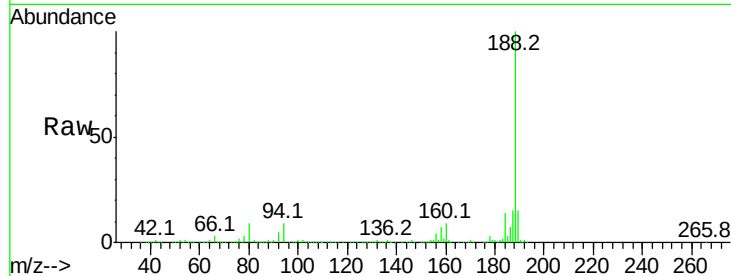
ClientSampleId :

PB96810BS

Tot Ion:188	Resp:	580644
Ion Ratio	Lower	Upper
188 100		
94 8.6	10.0	15.0#
80 8.6	11.2	16.8#

Manual Integrations
APPROVED

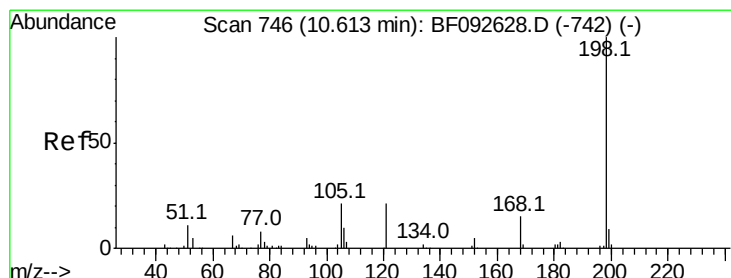
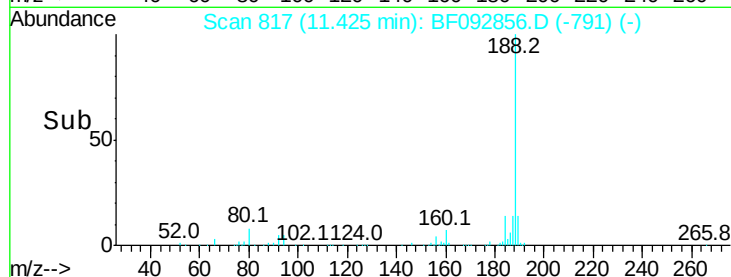
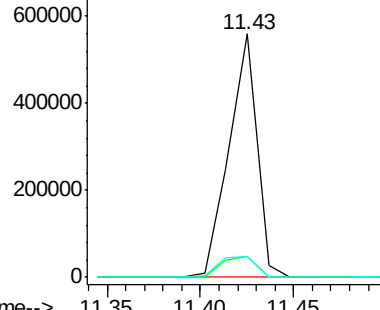
mohammad
2/9/2017 12:31:07 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.65 ng

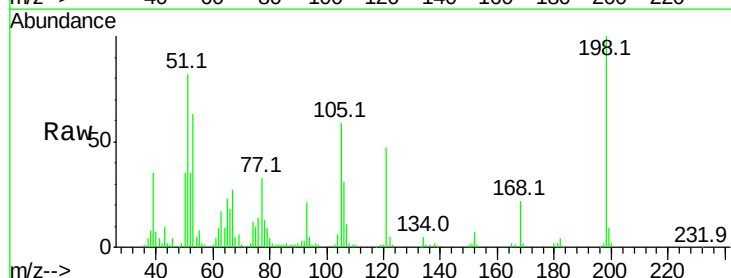
RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

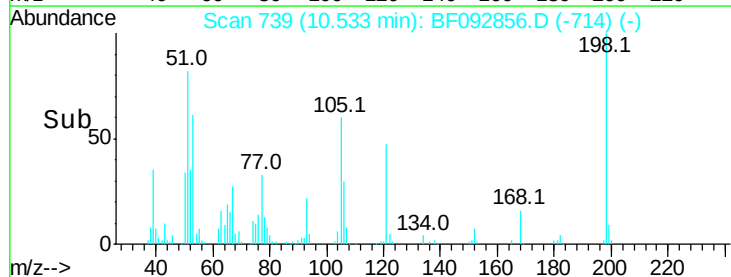
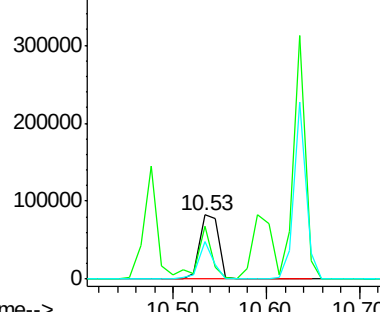
Tgt Ion:198	Resp:	119681
Ion Ratio	Lower	Upper
198 100		
51 81.7	6.7	46.7#
105 59.2	16.6	56.6#

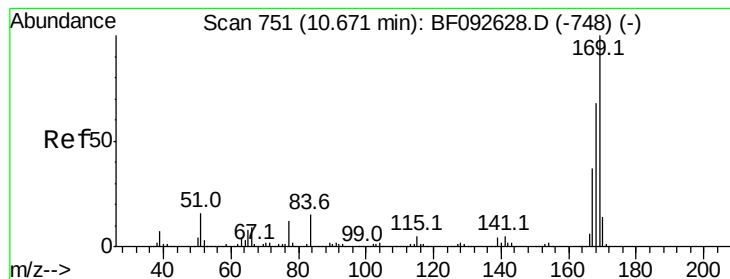


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





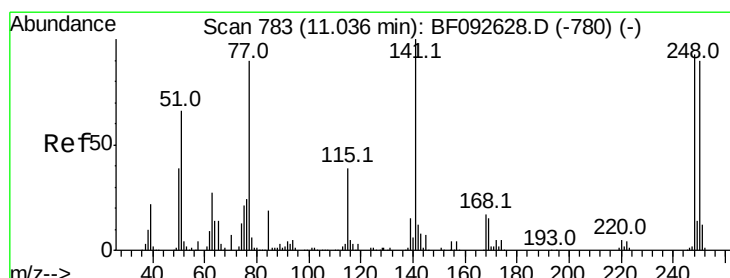
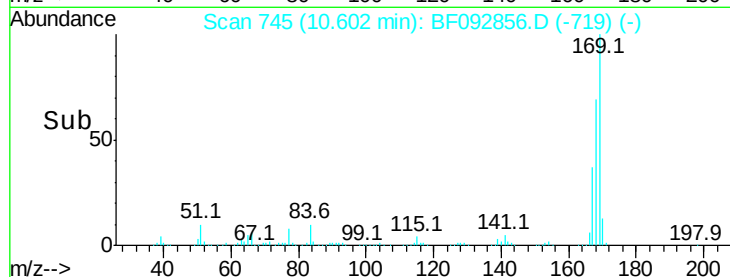
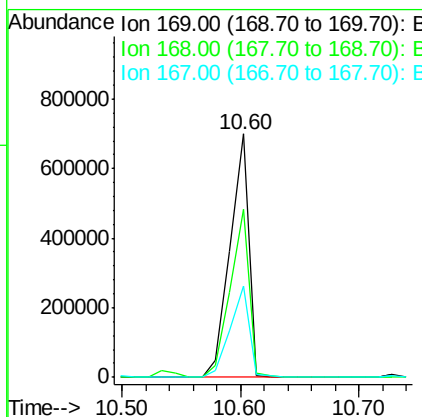
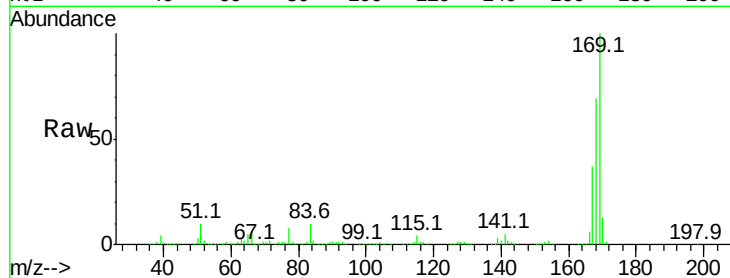
#65
n-Nitrosodiphenylamine
Concen: 41.43 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.0	54.2	81.2	
167	37.3	30.2	45.4	

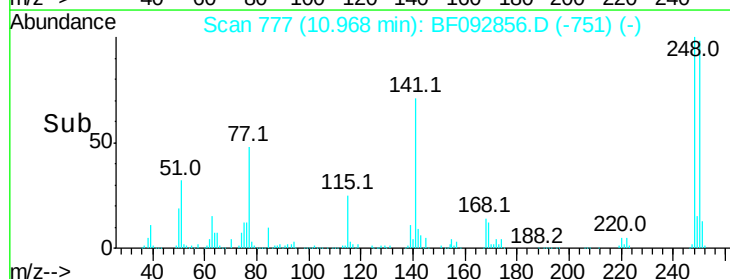
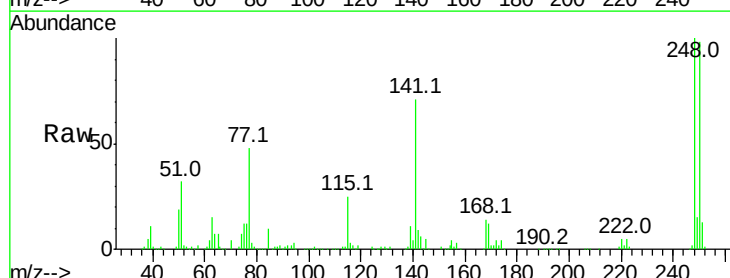
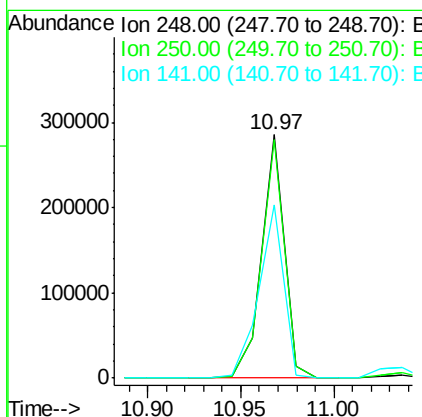
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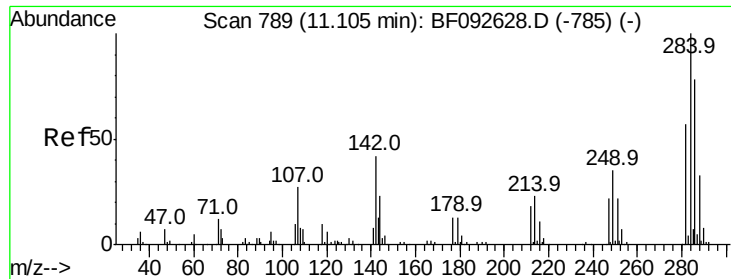
mohammad
2/9/2017 12:31:07 PM



#66
4-Bromophenyl-phenylether
Concen: 39.54 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.1	76.9	115.3	
141	71.0	68.2	102.4	





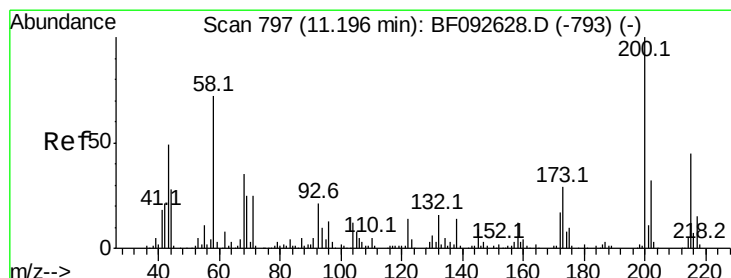
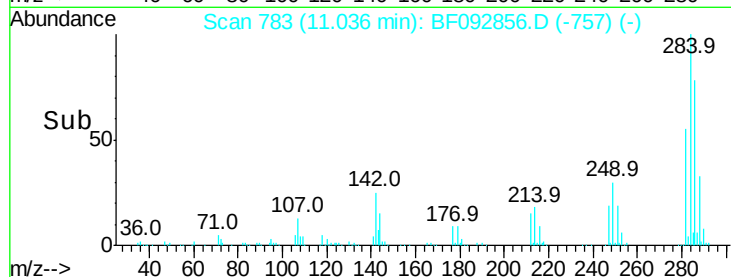
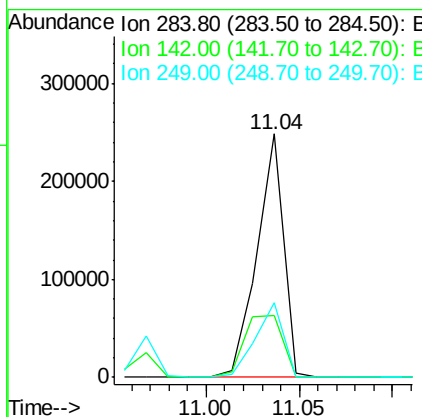
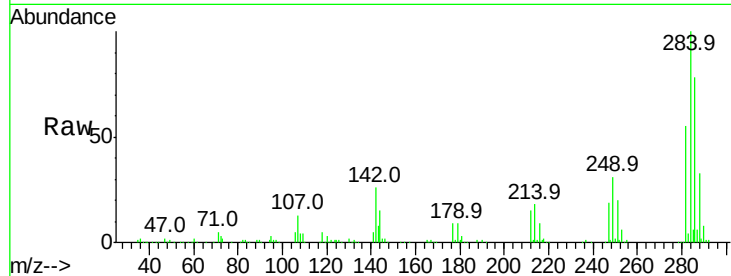
#67
Hexachlorobenzene
Concen: 40.69 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	243951		
142	25.5	22.6	33.8	
249	30.6	25.4	38.0	

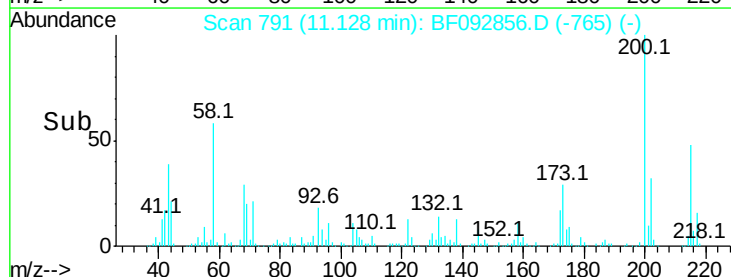
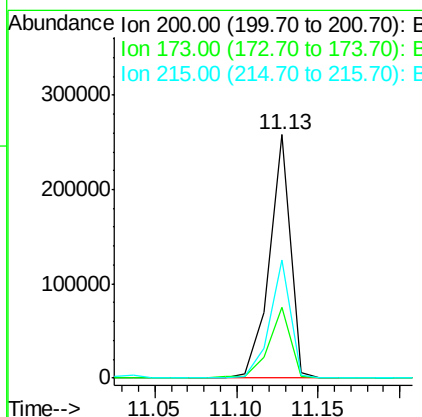
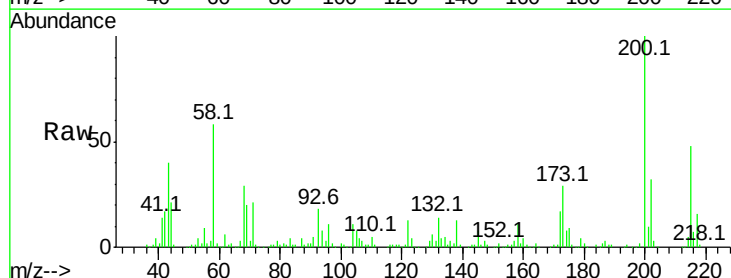
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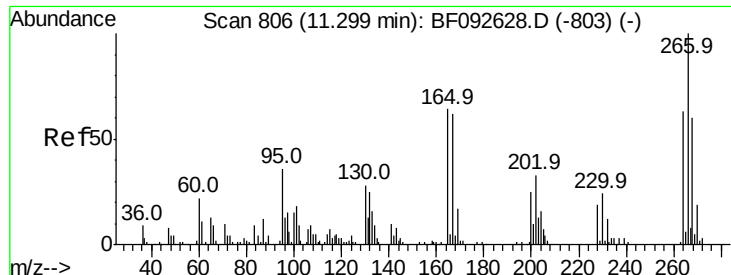
mohammad
2/9/2017 12:31:07 PM



#68
Atrazine
Concen: 39.22 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	233481		
173	28.9	9.6	49.6	
215	48.3	25.7	65.7	





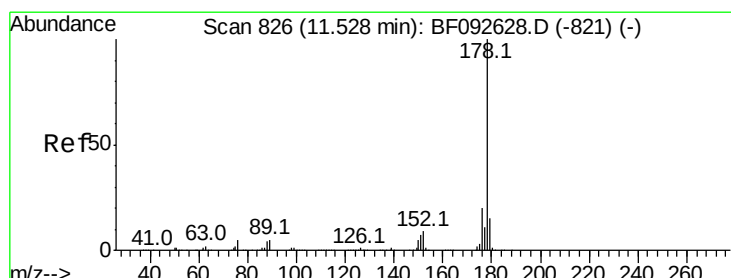
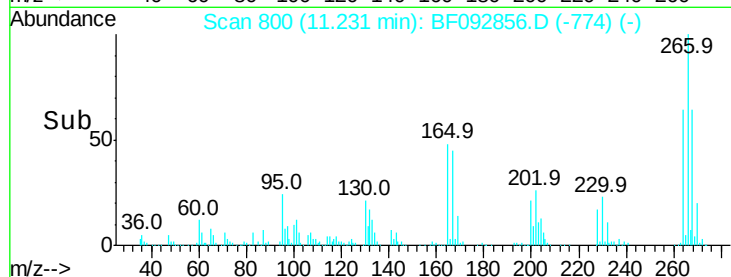
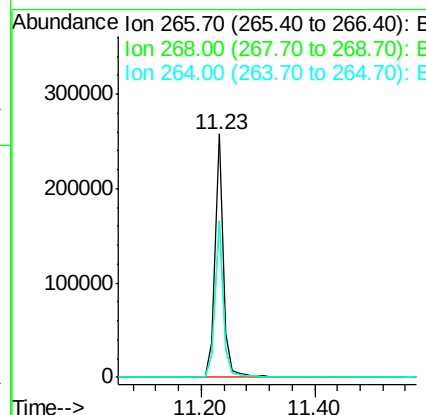
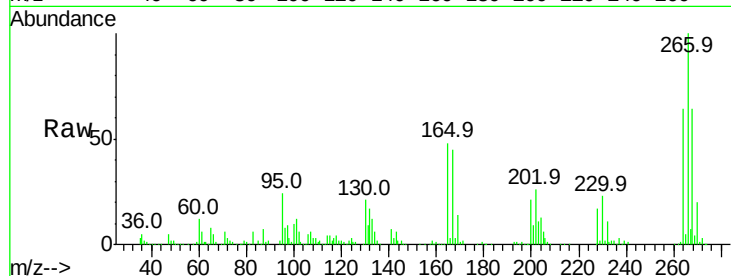
#69
 Pentachlorophenol
 Concen: 81.75 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	253518		
268	64.1	53.3	79.9	
264	64.0	50.3	75.5	

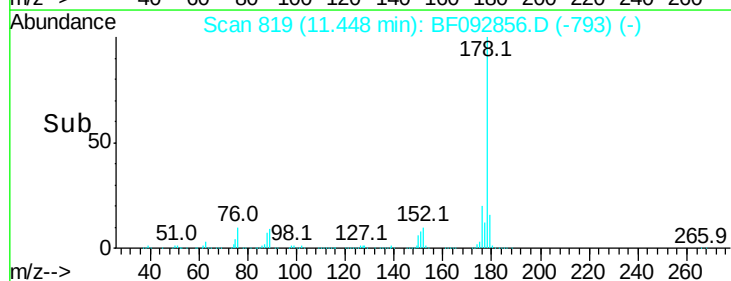
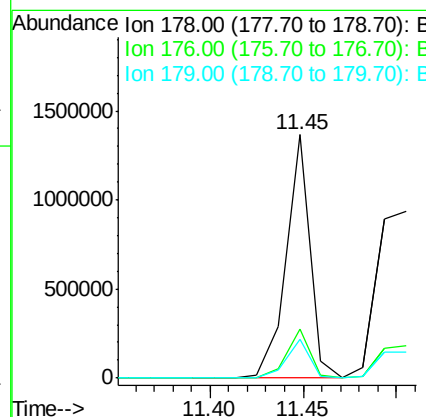
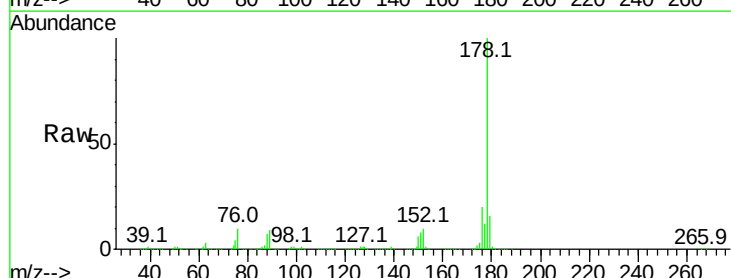
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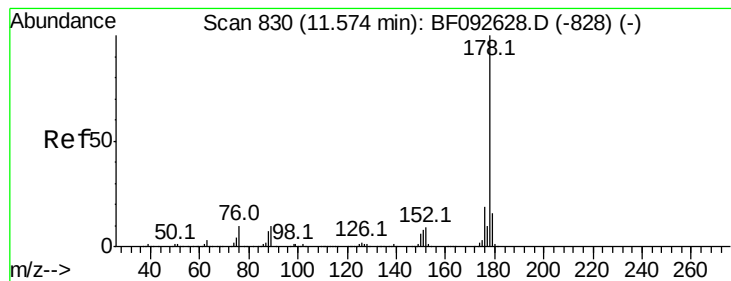
mohammad
 2/9/2017 12:31:07 PM



#70
 Phenanthrene
 Concen: 36.44 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1212082		
176	19.9	16.6	25.0	
179	15.7	12.8	19.2	





#71

Anthracene

Concen: 39.21 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96810BS

Tot Ion:178 Resp: 1310030

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

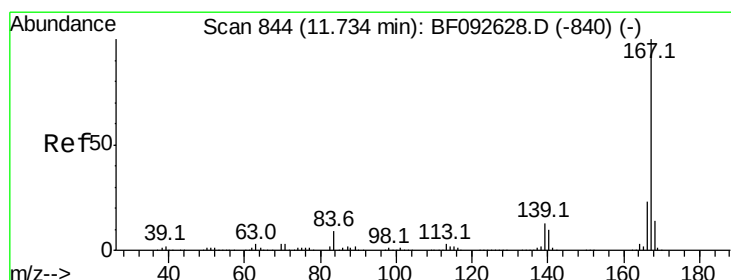
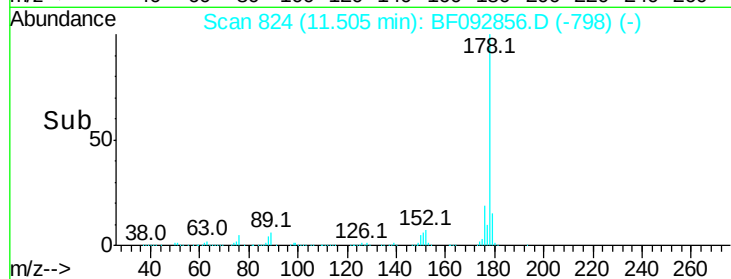
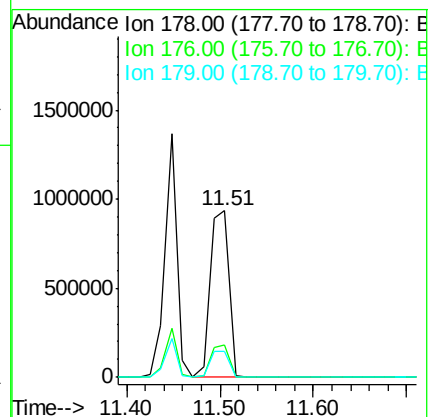
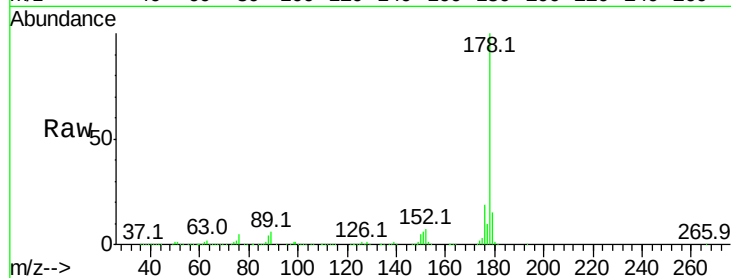
179 15.3 13.2 19.8

Manual Integrations

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#72

Carbazole

Concen: 32.96 ng

RT: 11.65 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

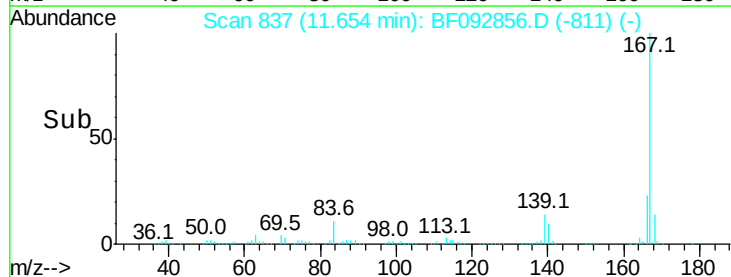
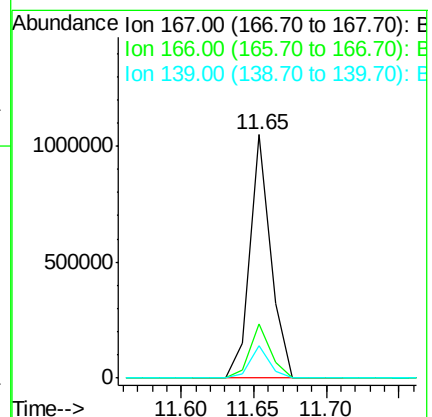
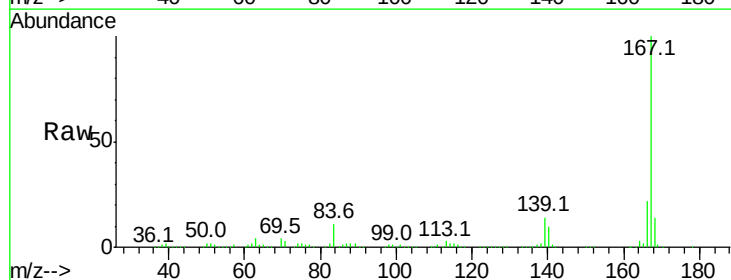
Tgt Ion:167 Resp: 1052445

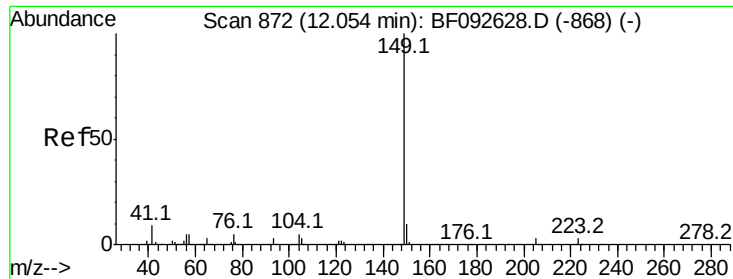
Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 43.24 ng

RT: 11.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

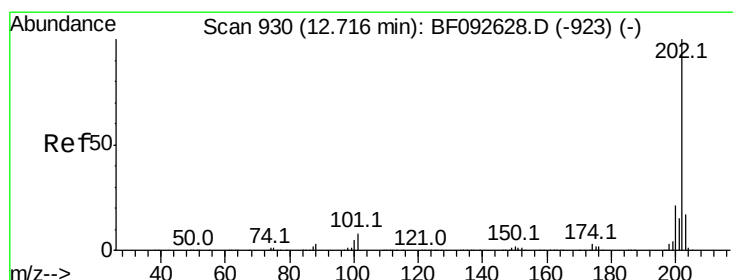
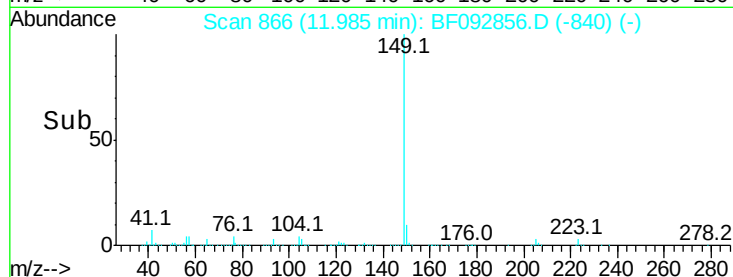
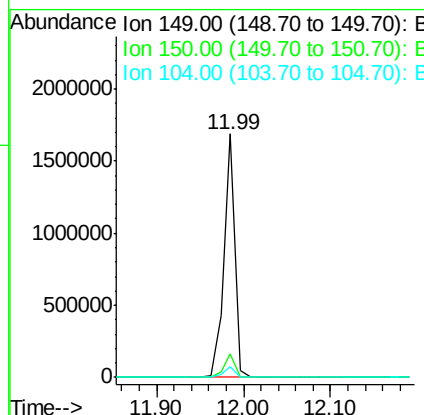
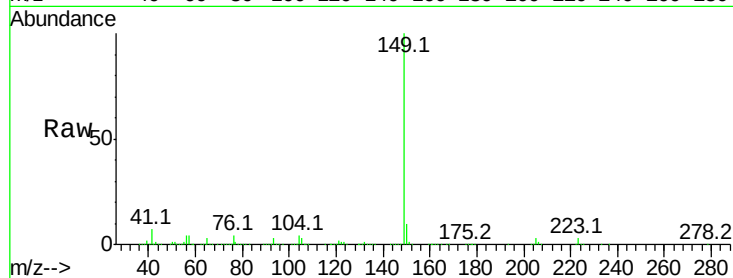
PB96810BS

Tot Ion:149 Resp: 1493164

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.2	4.6	7.0

Manual Integrations
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mohammad
2/9/2017 12:31:07 PM



#74

Fluoranthene

Concen: 38.37 ng

RT: 12.64 min Scan# 923

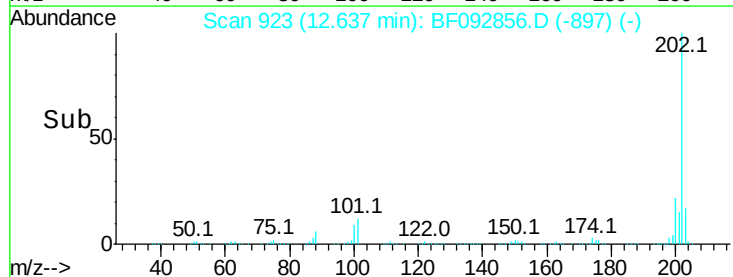
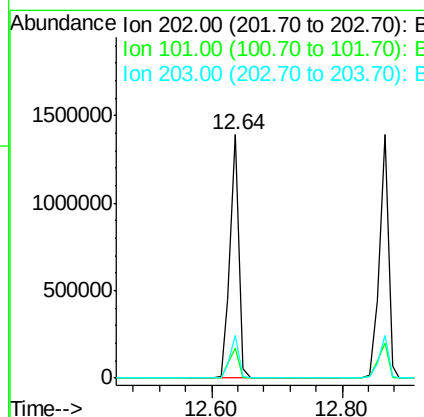
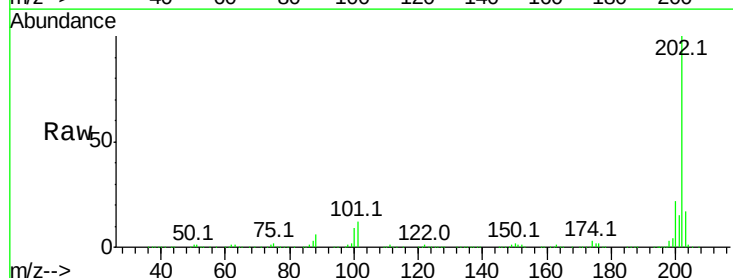
Delta R.T. 0.00 min

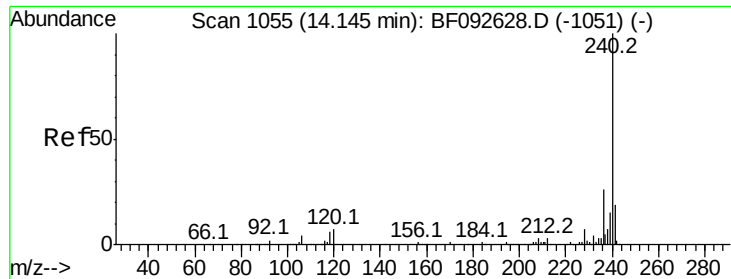
Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:202 Resp: 1316624

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.6
203	17.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

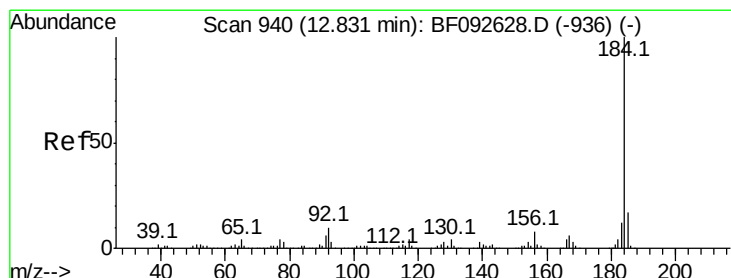
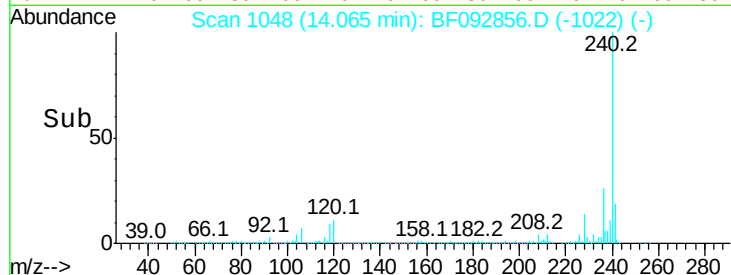
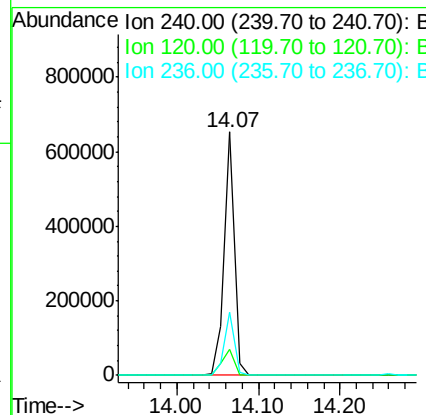
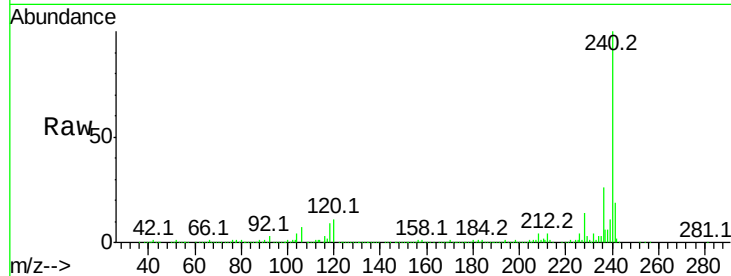
ClientSampled :

PB96810BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	12.9	19.3#
236	26.0	20.9	31.3

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2/9/2017 12:31:07 PM



#76

Benzidine

Concen: 16.45 ng

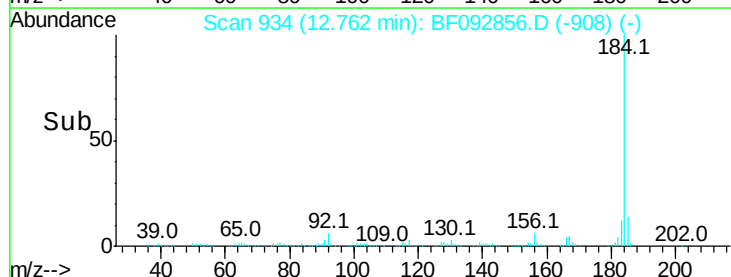
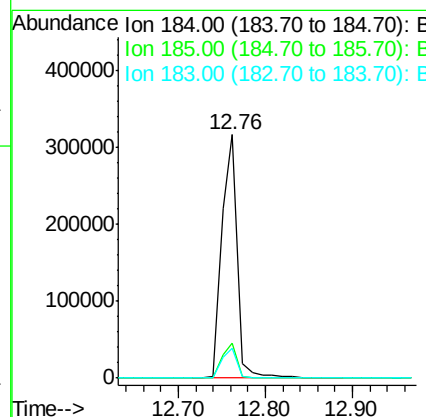
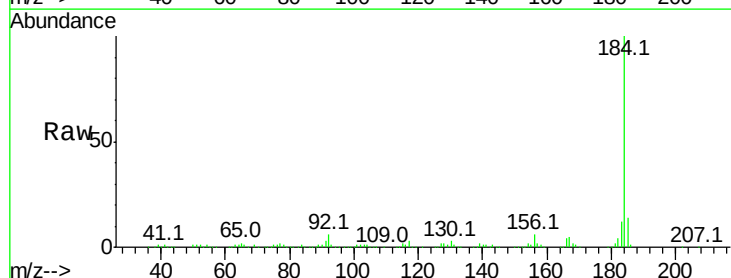
RT: 12.76 min Scan# 934

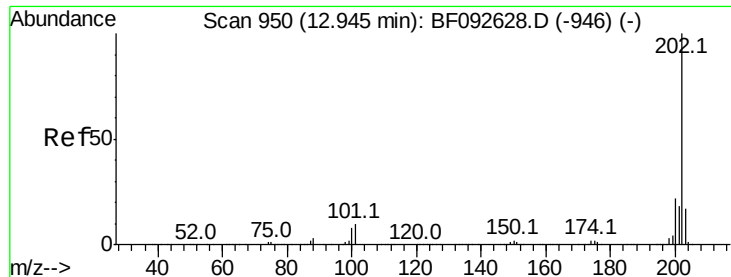
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	12.3	9.2	13.8





#77

Pvrene

Concen: 31.00 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96810BS

Tot Ion:202 Resp: 1317842

Ion Ratio Lower Upper

202 100

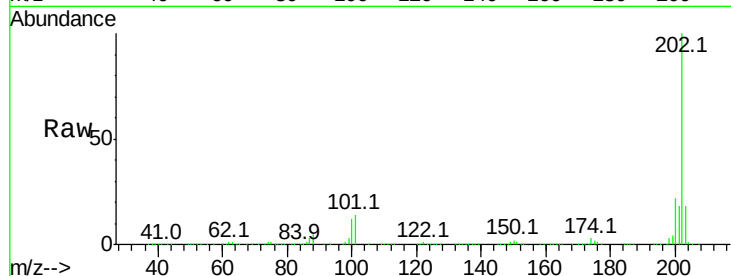
200 22.0 17.7 26.5

203 17.6 14.7 22.1

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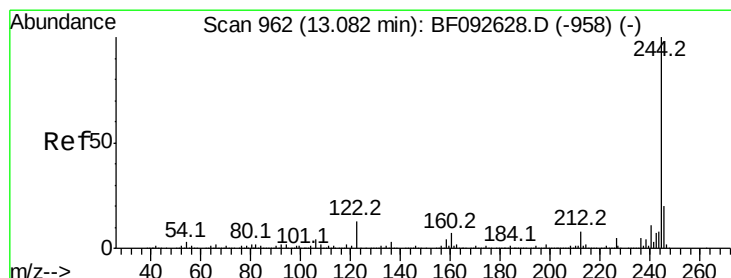
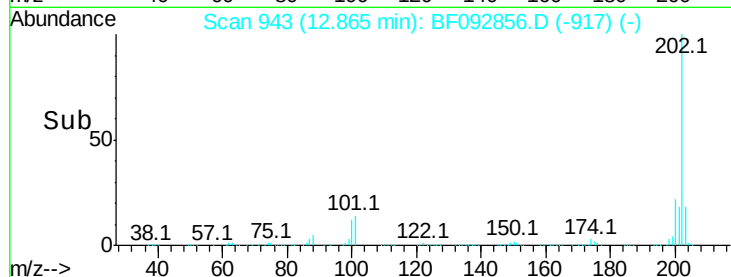
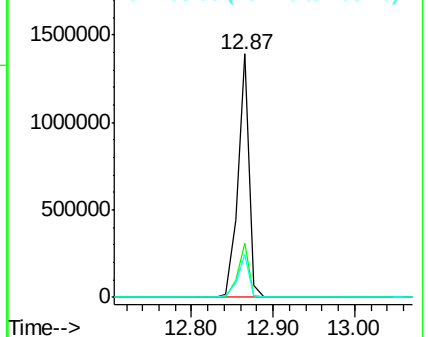
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.54 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

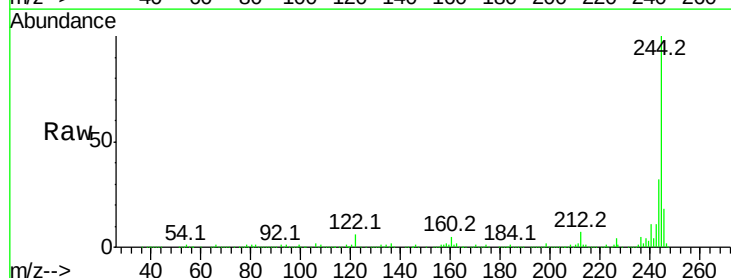
Tgt Ion:244 Resp: 1511769

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

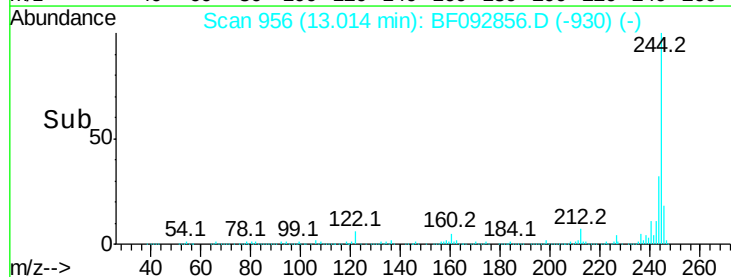
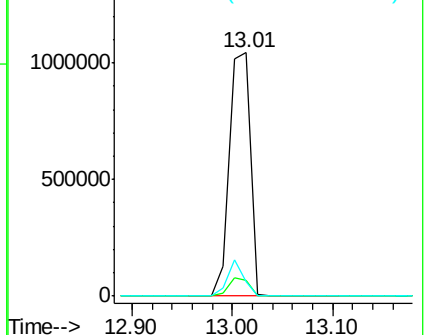
122 6.1 11.4 17.2#

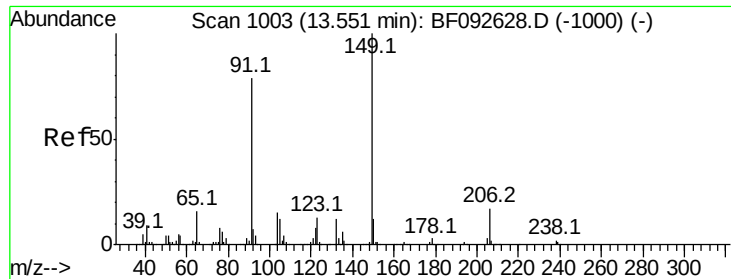


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





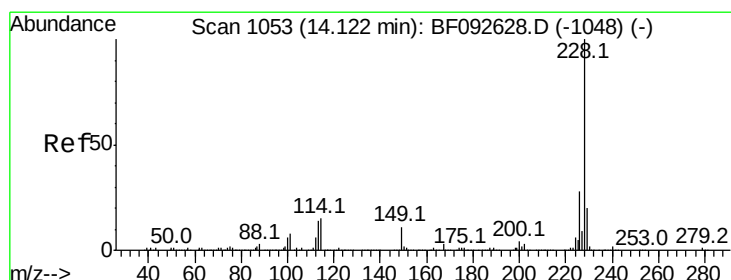
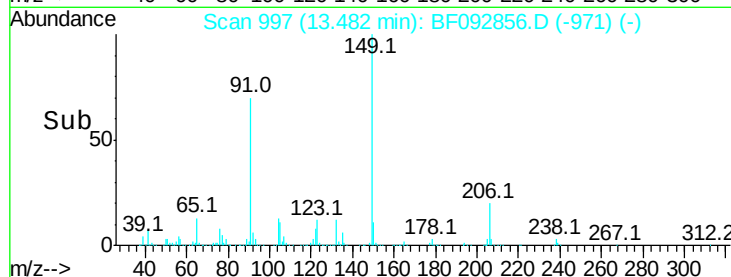
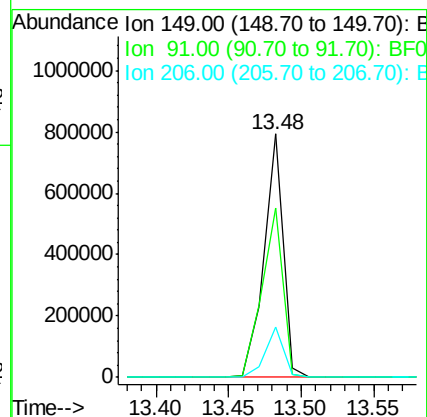
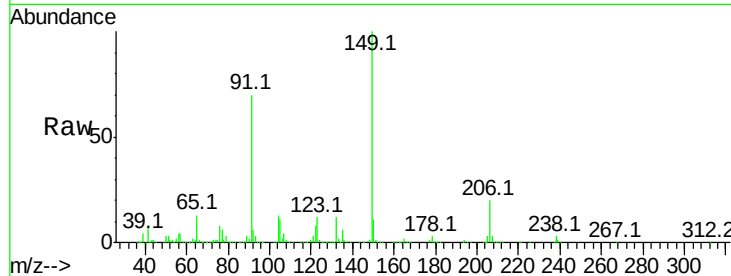
#79
Butylbenzylphthalate
Concen: 42.27 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampled :
PB96810BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.6	63.9	95.9
206	20.5	14.6	21.8

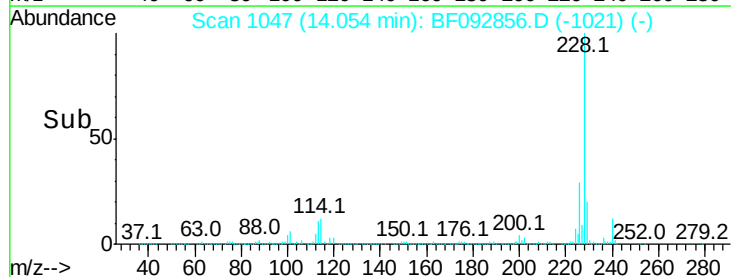
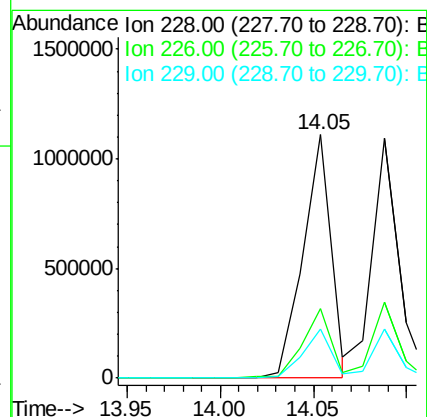
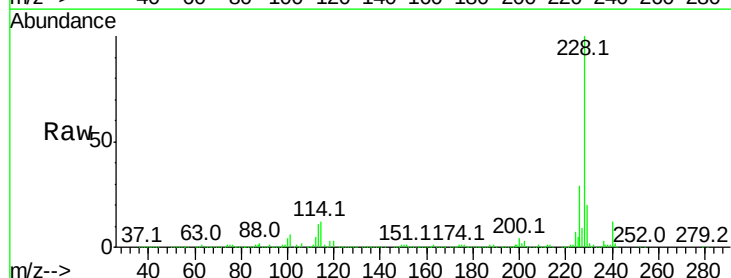
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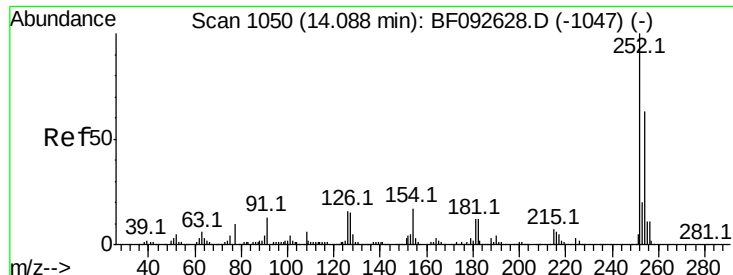
mohammad
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#80
Benzo(a)anthracene
Concen: 33.70 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.0	16.2	24.4





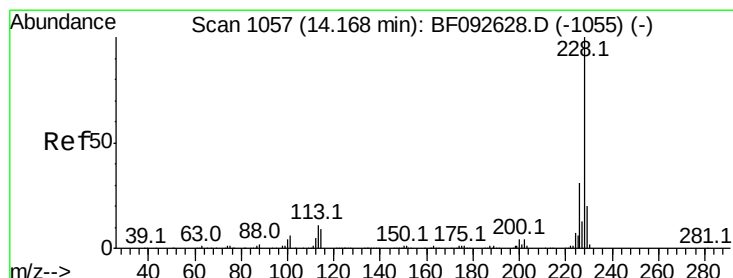
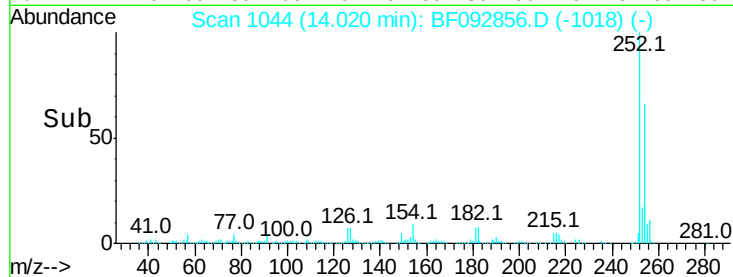
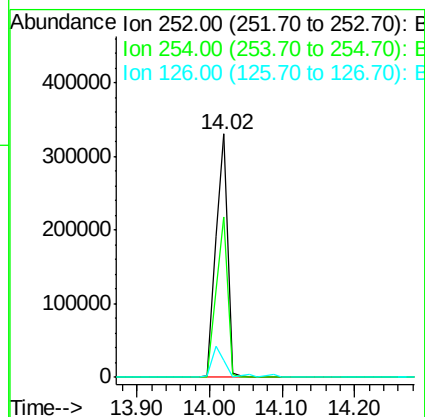
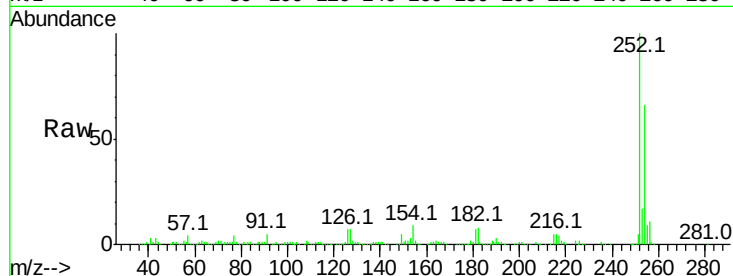
#81
 3,3'-Dichlorobenzidine
 Concen: 29.77 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	52.3	78.5
126	7.2	13.6	20.4

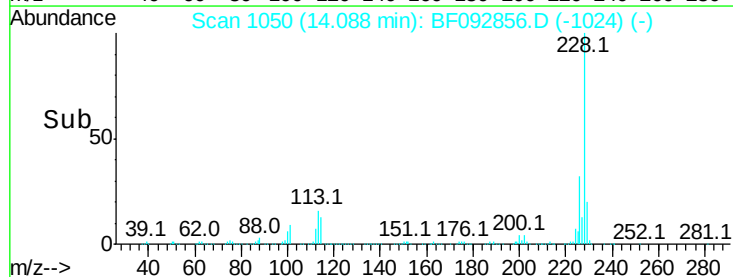
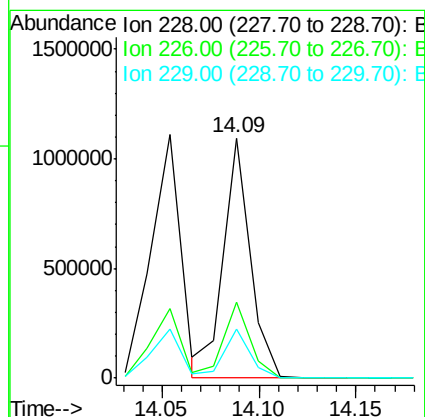
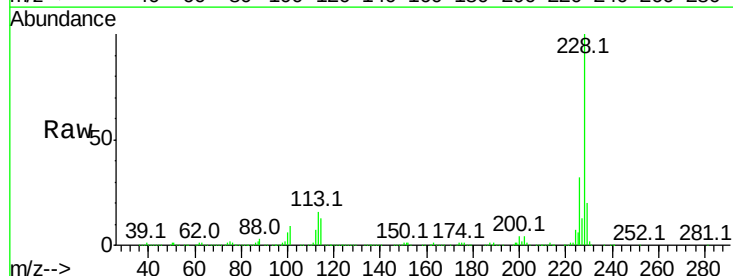
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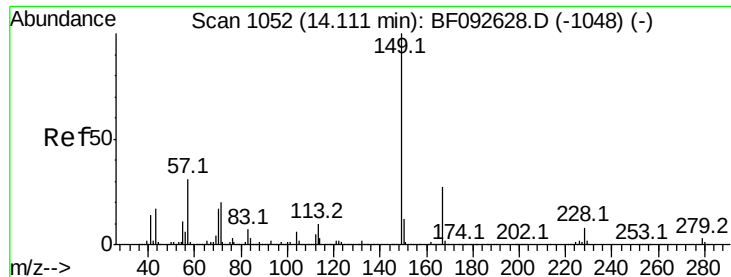
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#82
 Chrysene
 Concen: 32.51 ng m
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.8	25.4	38.0
229	20.4	16.2	24.2





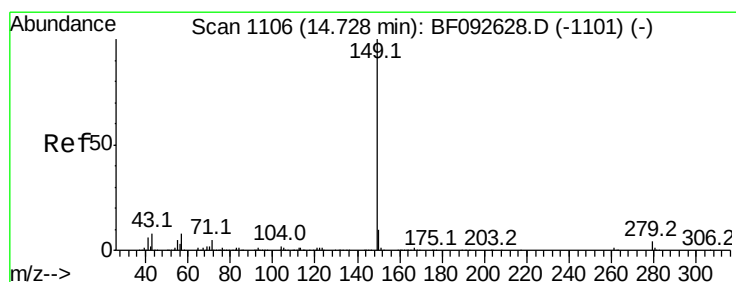
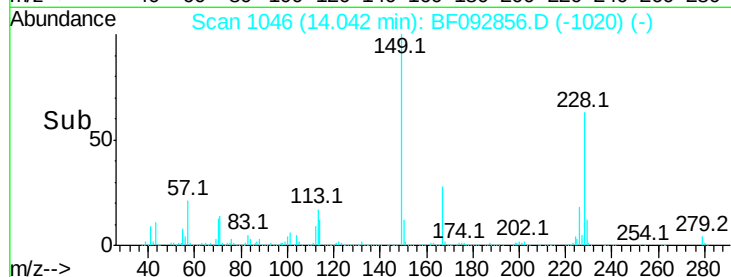
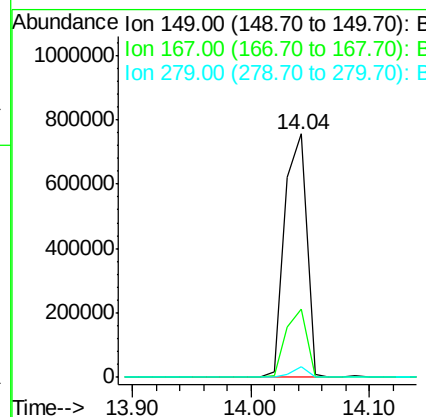
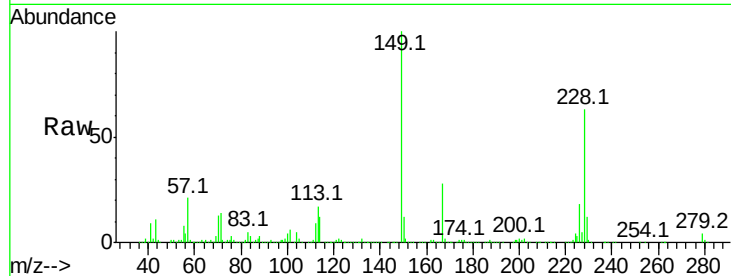
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.93 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.2	30.4
279	4.3	1.8	2.8

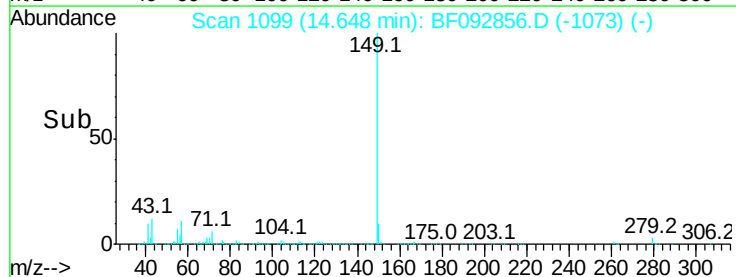
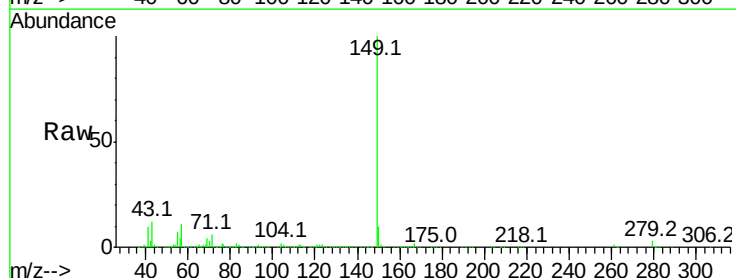
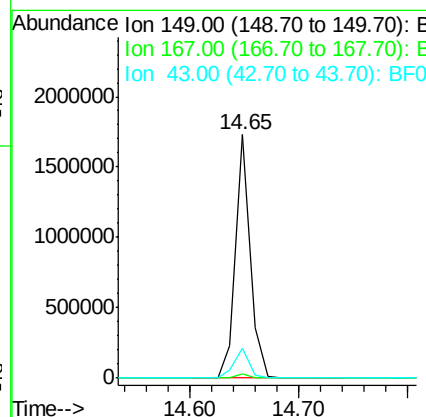
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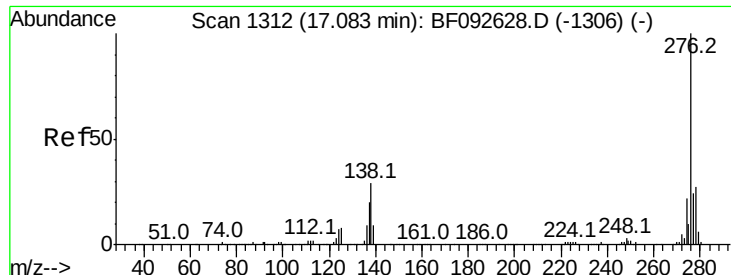
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 41.58 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.4	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.16 ng

RT: 16.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Instrument :

BNA_F

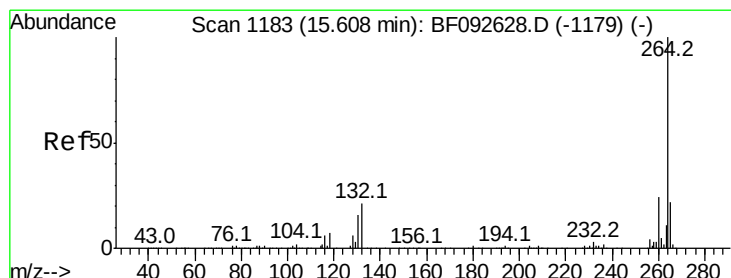
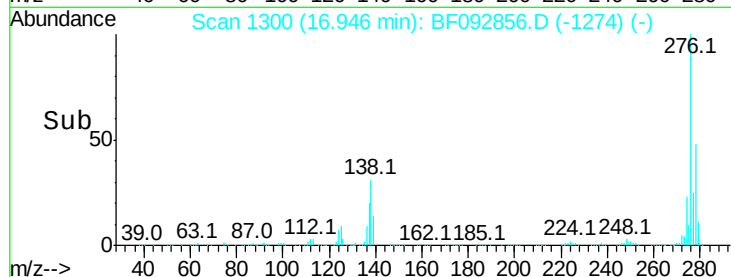
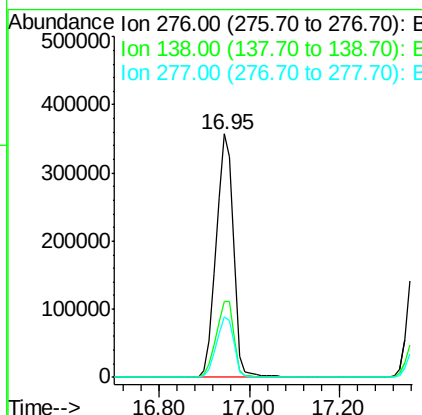
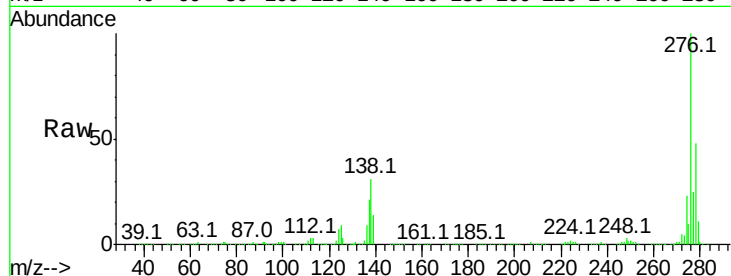
ClientSampleId :

PB96810BS

Tot Ion:	276	Resp:	961260
Ion Ratio	Lower	Upper	
276	100		
138	32.1	21.8	32.6
277	25.2	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

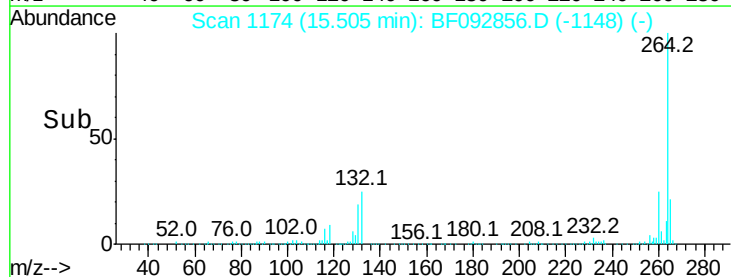
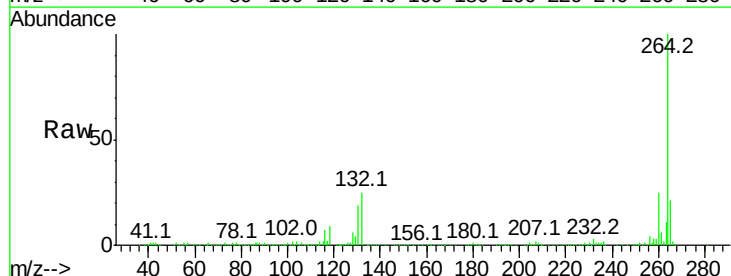
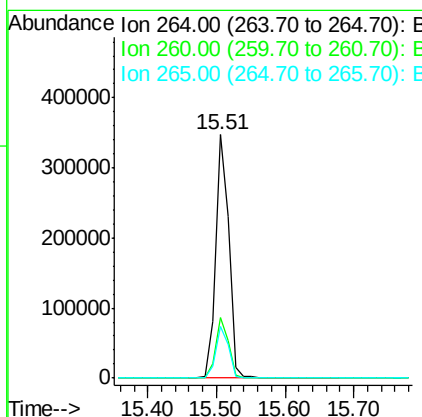
RT: 15.51 min Scan# 1174

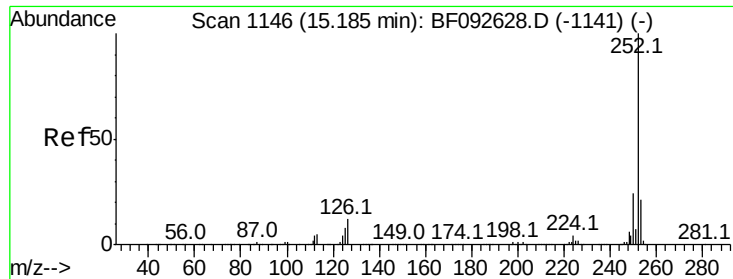
Delta R.T. 0.00 min

Lab File: BF092856.D

Acq: 8 Feb 2017 16:39

Tgt Ion:	264	Resp:	470954
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	21.3	17.4	26.0





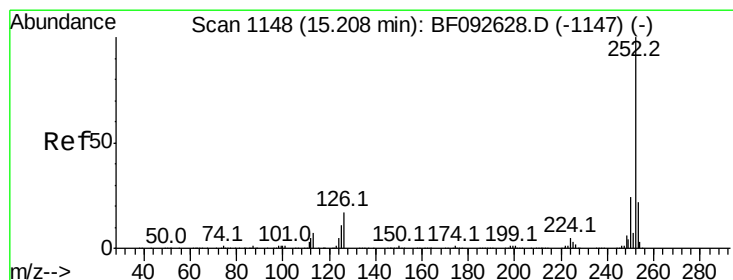
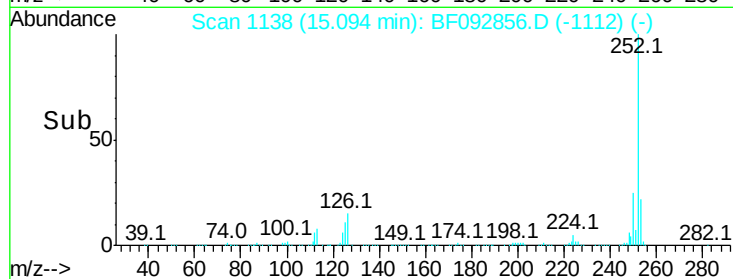
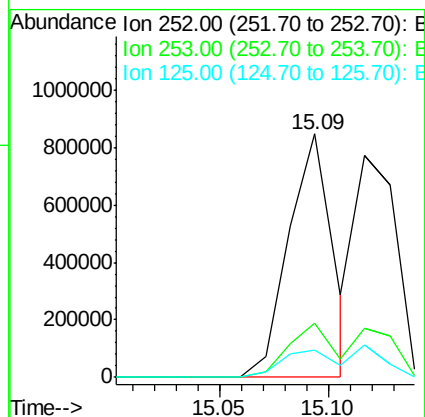
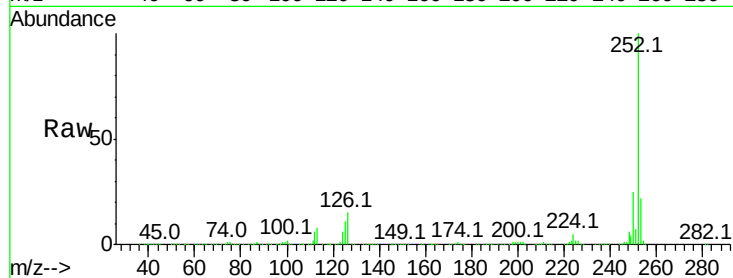
#87
Benzo(b)fluoranthene
Concen: 38.43 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampled :
PB96810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.3	9.8	14.6

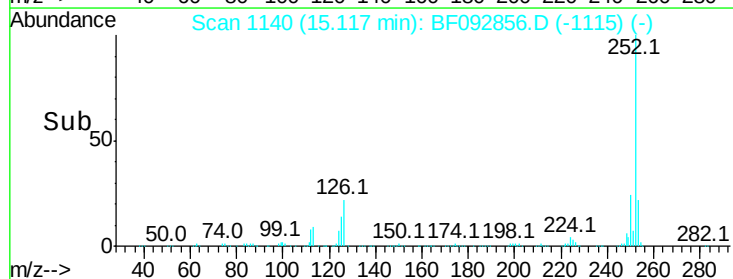
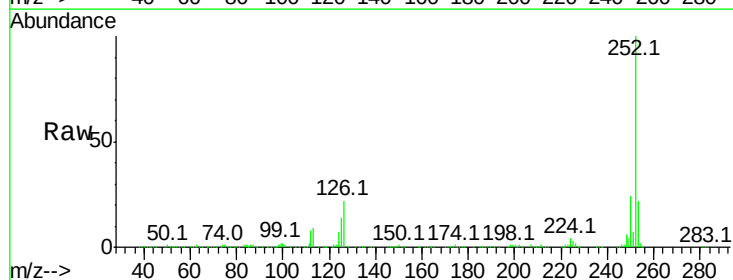
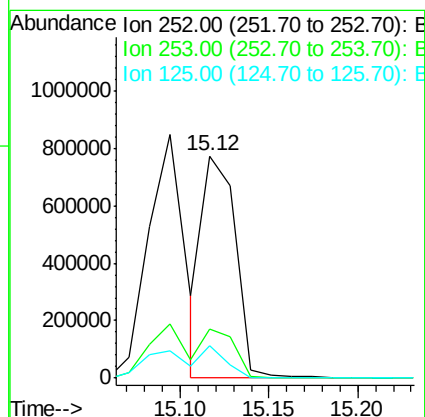
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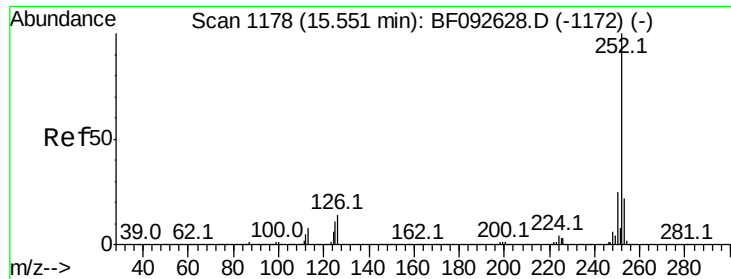
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#88
Benzo(k)fluoranthene
Concen: 38.21 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	14.5	8.9	13.3





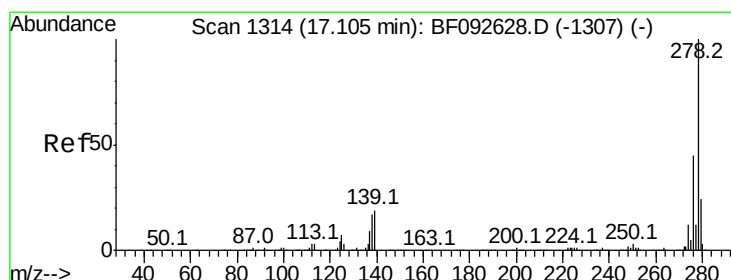
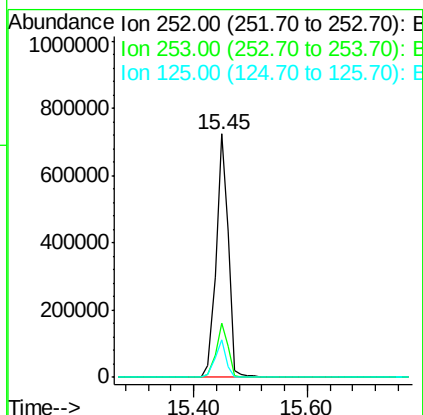
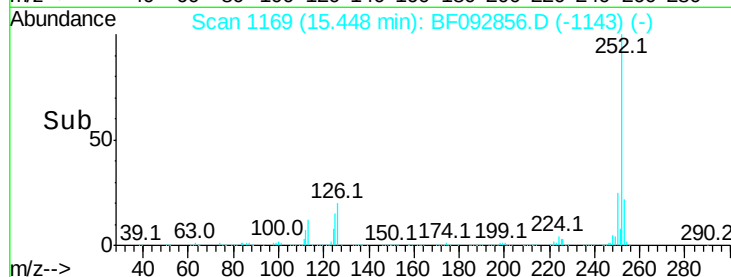
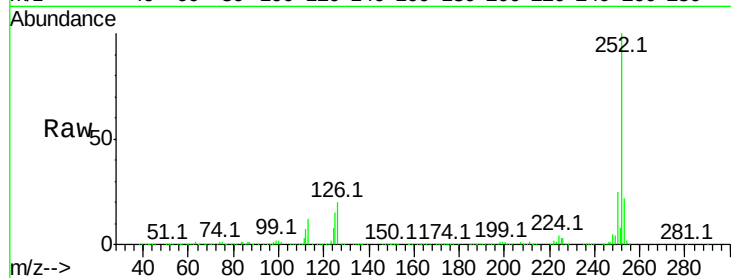
#89
Benzo(a)pyrene
Concen: 39.27 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	15.3	10.0	15.0

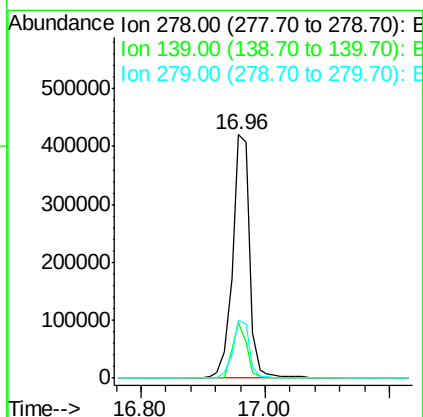
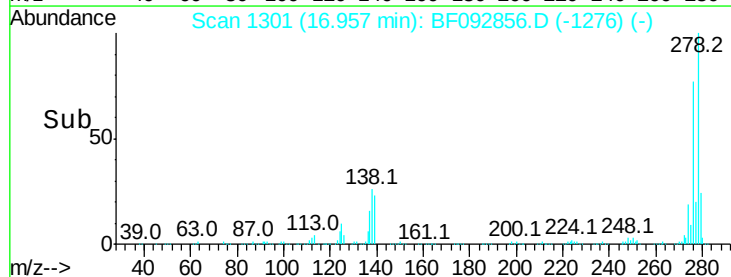
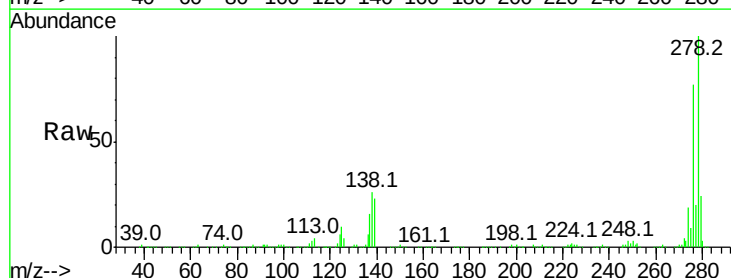
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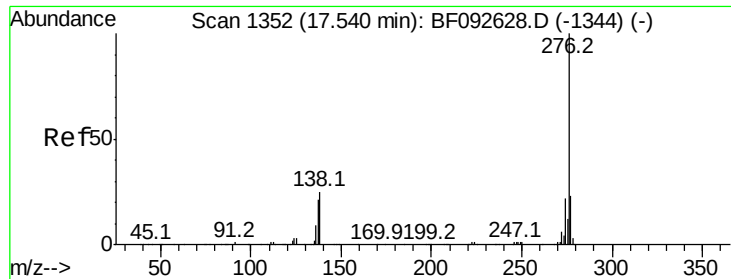
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#90
Dibenzo(a,h)anthracene
Concen: 37.28 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF092856.D
Acq: 8 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	14.8	22.2
279	24.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.02 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF092856.D
 Acq: 8 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96810BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	29.1	16.0	24.0

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