

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092885.D
 Acq On : 10 Feb 2017 16:18
 Operator : SJ/MA
 Sample : PB96853BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:33 PM

Quant Time: Feb 10 23:38:29 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179561	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	730628	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	390519	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	654017	20.00	ng	0.00
75) Chrysene-d12	14.07	240	565606	20.00	ng	0.00
86) Perylene-d12	15.51	264	453212	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1070821	102.31	ng	0.01
7) Phenol-d6	6.54	99	1525356	113.27	ng	0.01
23) Nitrobenzene-d5	7.47	82	982713	74.90	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	337155	119.37	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1660949	77.05	ng	0.00
78) Terphenyl-d14	13.01	244	1541299	64.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	161289	28.52	ng	# 83
3) Pyridine	3.31	79	472716	32.87	ng	86
4) n-Nitrosodimethylamine	3.28	42	241403	35.75	ng	90
6) Aniline	6.56	93	350122	19.06	ng	# 79
8) 2-Chlorophenol	6.68	128	418055	36.21	ng	95
9) Benzaldehyde	6.44	77	144429	14.97	ng	98
10) Phenol	6.56	94	581142	36.88	ng	81
11) bis(2-Chloroethyl)ether	6.64	93	452731	36.00	ng	98
12) 1,3-Dichlorobenzene	6.83	146	468252m	34.62	ng	
13) 1,4-Dichlorobenzene	6.91	146	472952	34.55	ng	98
14) 1,2-Dichlorobenzene	7.07	146	479447	36.63	ng	95
15) Benzyl Alcohol	7.05	79	385966	38.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	784585	35.91	ng	95
17) 2-Methylphenol	7.16	107	370162	37.37	ng	96
18) Hexachloroethane	7.41	117	169365	36.25	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	310008	36.16	ng	95
20) 3+4-Methylphenols	7.32	107	449658	37.97	ng	# 84
22) Acetophenone	7.31	105	556013	33.33	ng	# 94
24) Nitrobenzene	7.48	77	430769	31.97	ng	99
25) Isophorone	7.72	82	856620	35.04	ng	96
26) 2-Nitrophenol	7.80	139	238188	37.19	ng	98
27) 2,4-Dimethylphenol	7.85	122	439306	39.06	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	582182	35.95	ng	99
29) 2,4-Dichlorophenol	8.04	162	375044	35.75	ng	87
30) 1,2,4-Trichlorobenzene	8.12	180	391882	34.67	ng	# 93
31) Naphthalene	8.21	128	1228839	33.18	ng	98
32) Benzoic acid	7.97	122	241461	39.40	ng	96
33) 4-Chloroaniline	8.26	127	188214	12.96	ng	97
34) Hexachlorobutadiene	8.33	225	218149	35.08	ng	98
35) Caprolactam	8.62	113	128209m	38.86	ng	
36) 4-Chloro-3-methylphenol	8.75	107	410944	37.58	ng	96
37) 2-Methylnaphthalene	8.90	142	837611	35.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	376885	34.38	ng	99
40) Hexachlorocyclopentadiene	9.05	237	325938	65.90	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	271676	37.72	ng	95
43) 2,4,5-Trichlorophenol	9.22	196	277236	35.13	ng	94
45) 1,1'-Biphenyl	9.37	154	1033152	36.54	ng	99
46) 2-Chloronaphthalene	9.39	162	825914	37.34	ng	98
47) 2-Nitroaniline	9.48	65	249218	33.51	ng	96
48) Acenaphthylene	9.80	152	1199003	31.38	ng	99
49) Dimethylphthalate	9.66	163	922340	35.06	ng	99
50) 2,6-Dinitrotoluene	9.73	165	233968	41.19	ng	88
51) Acenaphthene	9.97	154	796722	34.87	ng	96
52) 3-Nitroaniline	9.89	138	116032	17.85	ng	95
53) 2,4-Dinitrophenol	10.01	184	173210	61.13	ng	# 73
54) Dibenzofuran	10.14	168	1040505	34.05	ng	97
55) 4-Nitrophenol	10.08	139	360489	76.99	ng	83
56) 2,4-Dinitrotoluene	10.13	165	265958	35.17	ng	96
57) Fluorene	10.49	166	789005	33.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	222871	42.33	ng	96
59) Diethylphthalate	10.36	149	878044	35.42	ng	100
60) 4-Chlorophenyl-phenylether	10.48	204	378326	33.50	ng	95
61) 4-Nitroaniline	10.51	138	212079	31.85	ng	94
62) Azobenzene	10.64	77	983212	38.39	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	141823	36.31	ng	89
65) n-Nitrosodiphenylamine	10.60	169	735883	35.22	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	226666	33.17	ng	96
67) Hexachlorobenzene	11.04	284	235138	34.82	ng	# 92
68) Atrazine	11.13	200	217376	32.42	ng	99
69) Pentachlorophenol	11.23	266	247106	71.71	ng	98
70) Phenanthrene	11.45	178	1173152	31.31	ng	98
71) Anthracene	11.50	178	1388502	36.90	ng	98
72) Carbazole	11.65	167	1143300	31.79	ng	99
73) Di-n-butylphthalate	11.98	149	1400935	36.01	ng	# 97
74) Fluoranthene	12.64	202	1244917	32.21	ng	97
76) Benzidine	12.76	184	373328	15.49	ng	96
77) Pyrene	12.86	202	1239481	29.28	ng	100
79) Butylbenzylphthalate	13.48	149	618877	36.00	ng	89
80) Benzo(a)anthracene	14.05	228	1033250	29.87	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	314442	25.50	ng	# 95
82) Chrysene	14.09	228	958394m	29.59	ng	
83) Bis(2-ethylhexyl)phthalate	14.04	149	856234	36.42	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1366669	35.70	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	918100	36.60	ng	95
87) Benzo(b)fluoranthene	15.09	252	1088263	36.48	ng	# 96
88) Benzo(k)fluoranthene	15.12	252	899008m	34.90	ng	
89) Benzo(a)pyrene	15.45	252	935114	36.24	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	772349	37.04	ng	97
91) Benzo(g,h,i)perylene	17.38	276	763400	36.24	ng	# 91

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

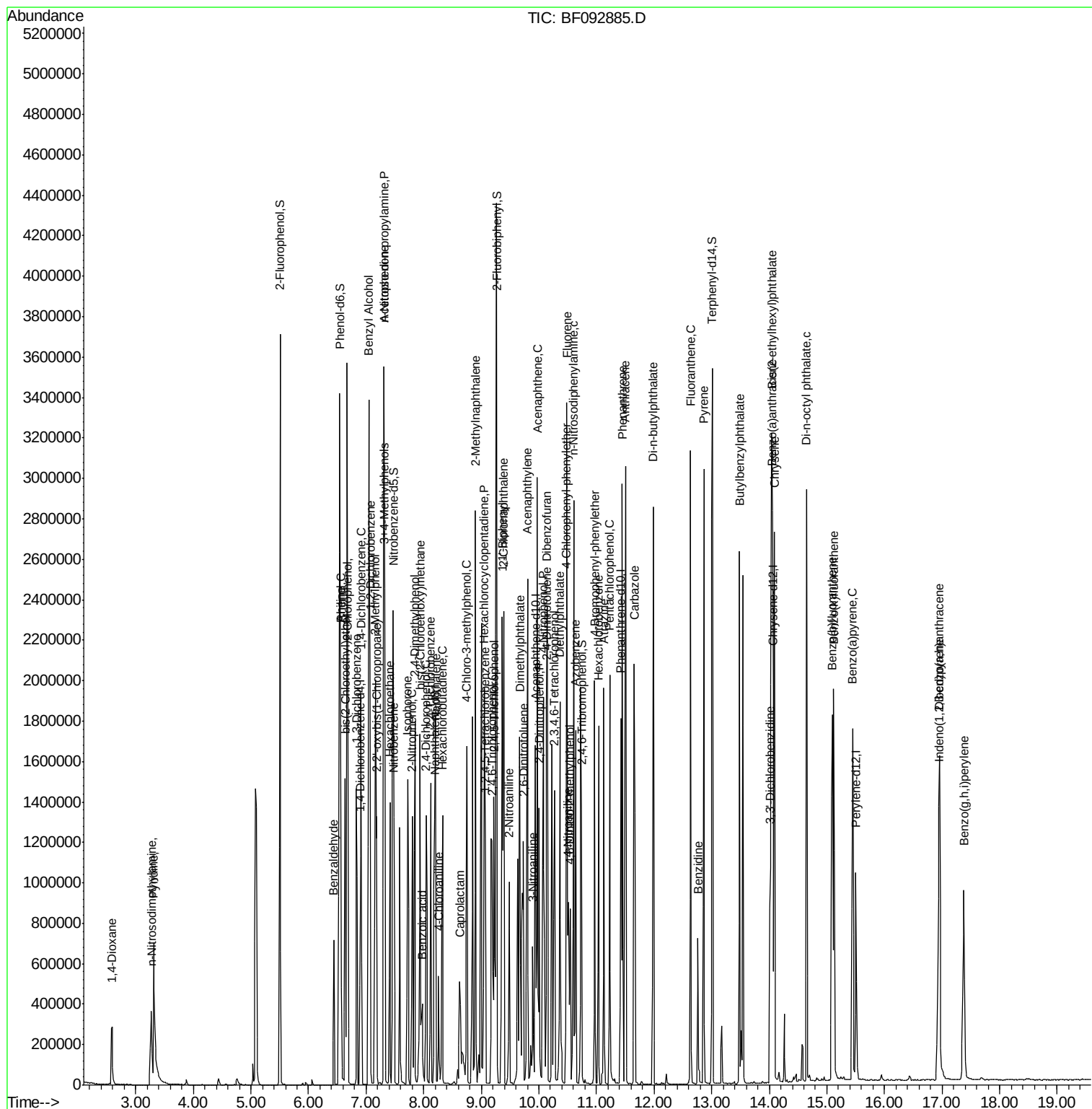
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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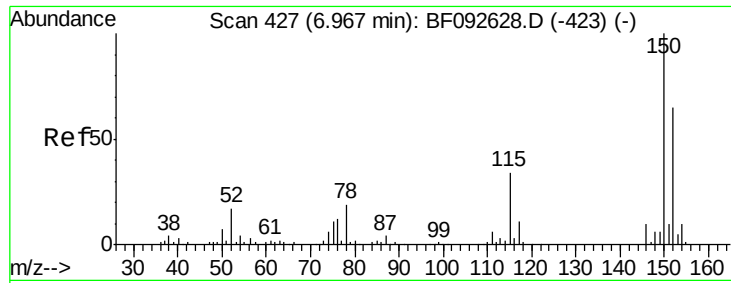
Instrument :
BNA_F
ClientSampleId :
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#1

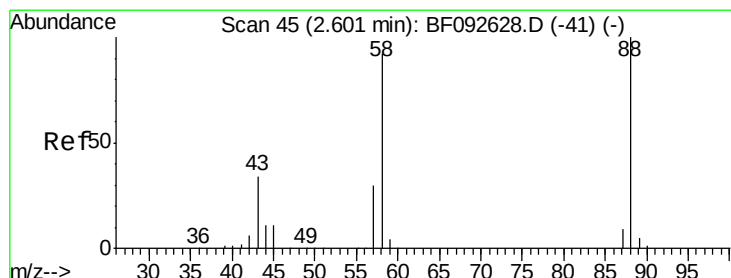
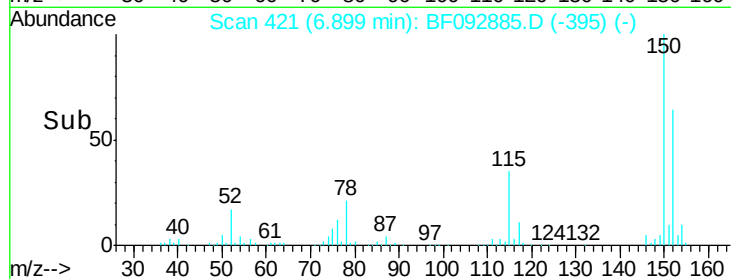
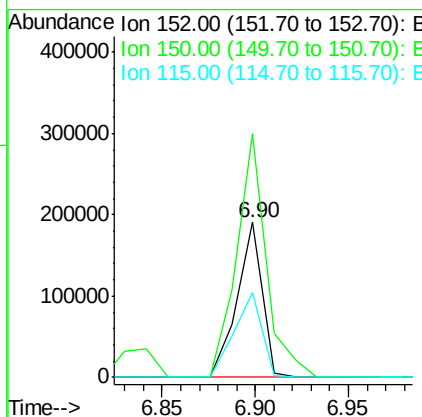
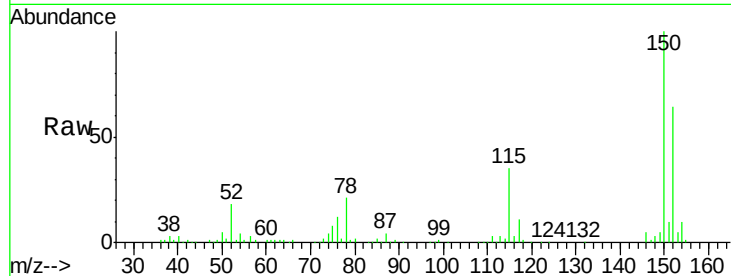
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	179561		
150	157.3	124.9	187.3	
115	55.0	46.0	69.0	

Manual Integrations
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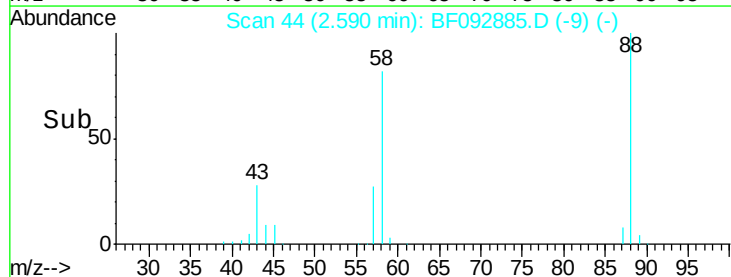
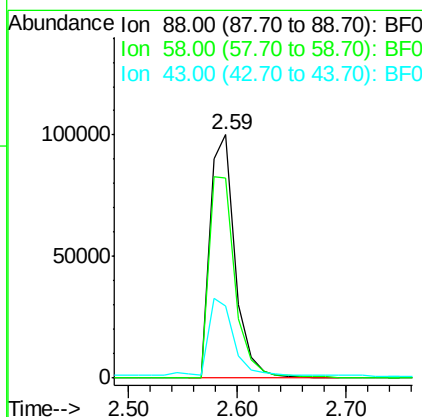
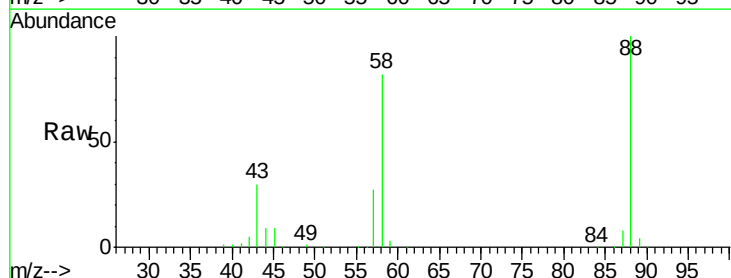
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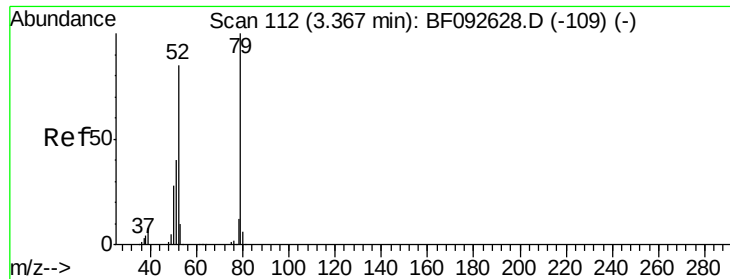


#2

1,4-Dioxane
Concen: 28.52 ng
RT: 2.59 min Scan# 44
Delta R.T. 0.10 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	161289		
58	88.2	57.8	86.8#	
43	33.5	22.3	33.5#	





#3

Pyridine

Concen: 32.87 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.09 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

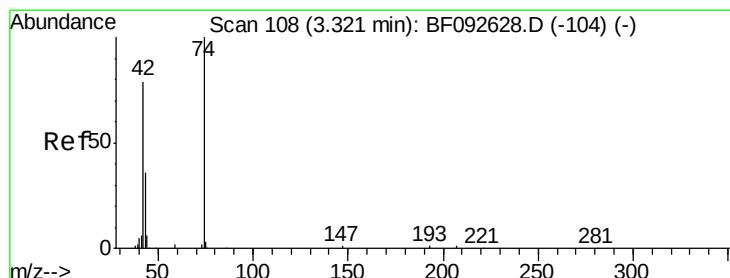
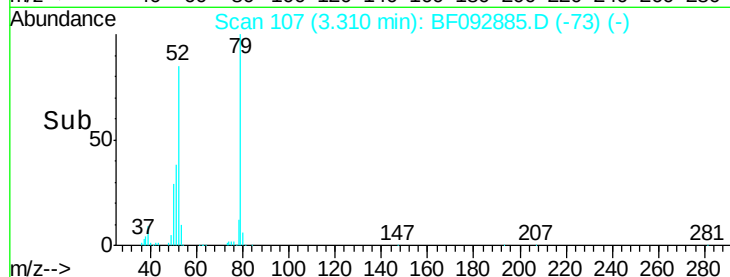
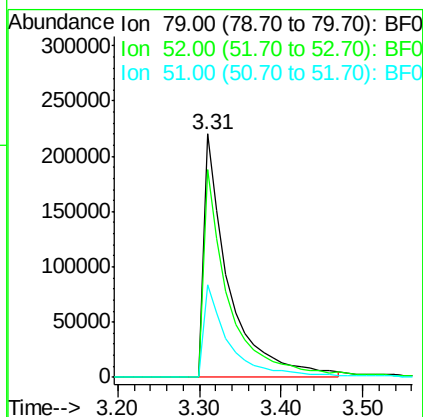
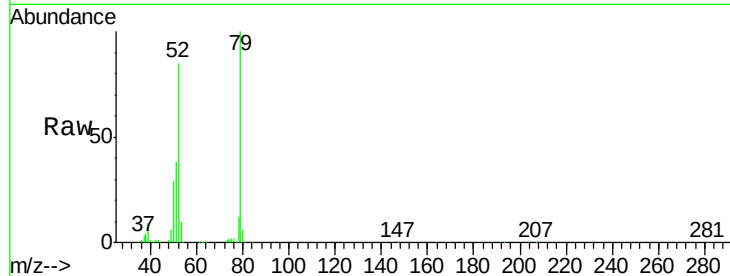
ClientSampleId :

PB96853BS

Tgt Ion:	79	Resp:	472716
Ion	Ratio	Lower	Upper
79	100		
52	85.3	57.1	85.7
51	38.2	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.75 ng

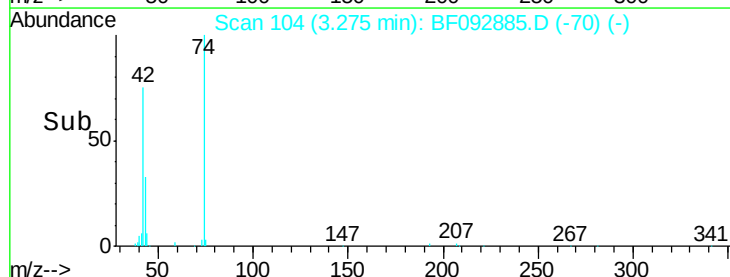
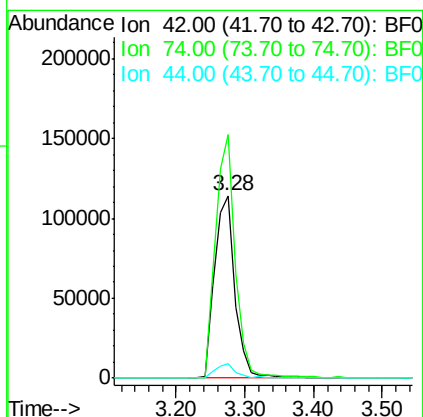
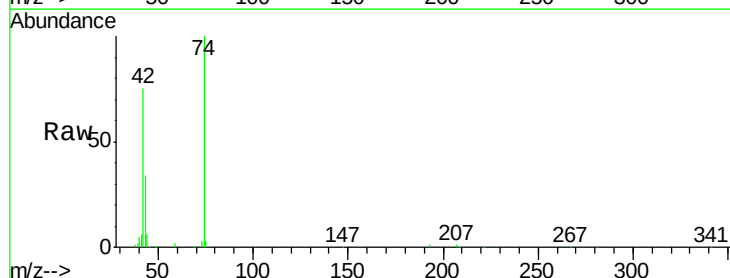
RT: 3.28 min Scan# 104

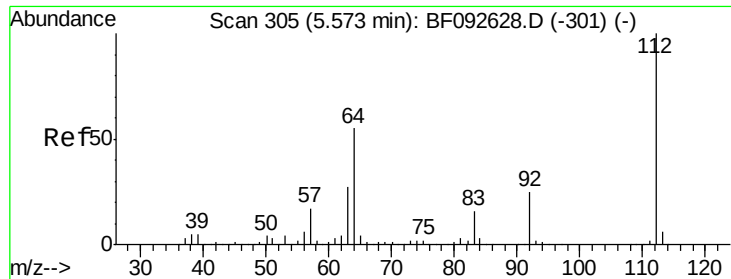
Delta R.T. 0.09 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:	42	Resp:	241403
Ion	Ratio	Lower	Upper
42	100		
74	133.3	117.0	175.4
44	8.0	5.5	8.3





#5

2-Fluorophenol

Concen: 102.31 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

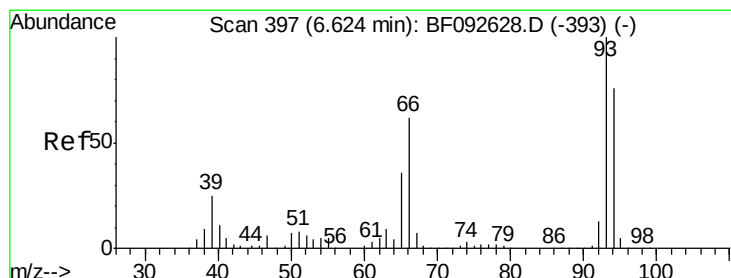
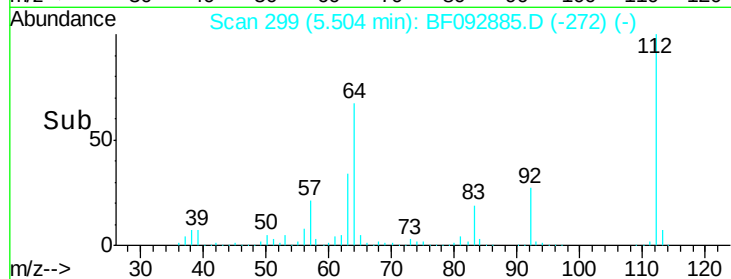
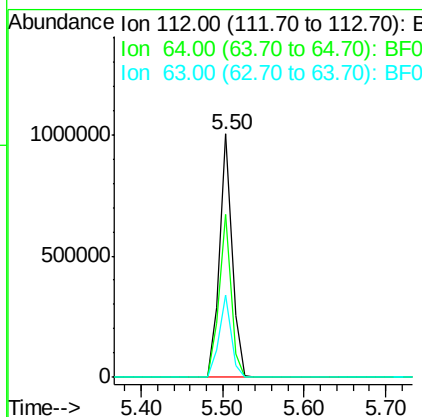
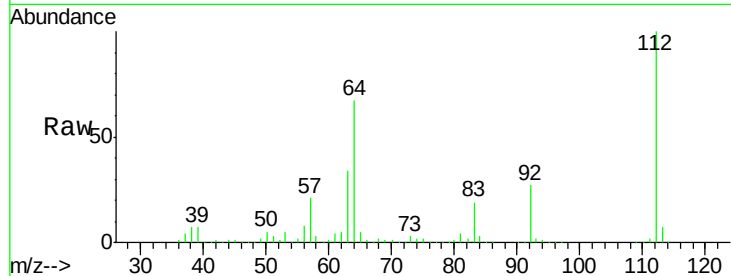
ClientSampleId :

PB96853BS

Tgt Ion:	112	Resp:	1070821
Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.1	69.1
63	34.0	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 19.06 ng

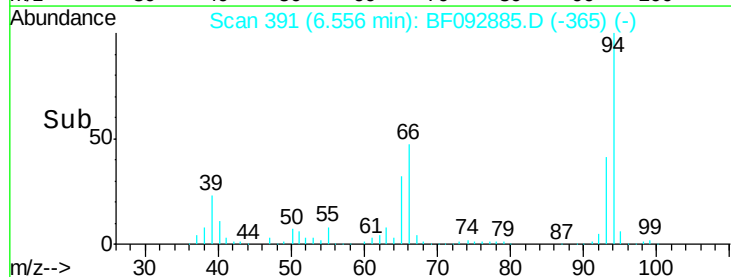
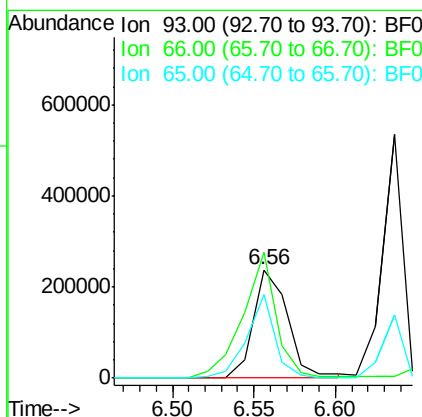
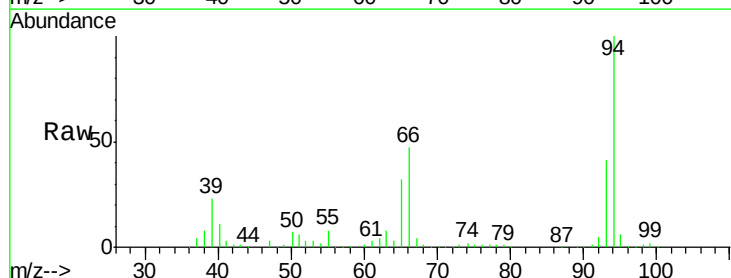
RT: 6.56 min Scan# 391

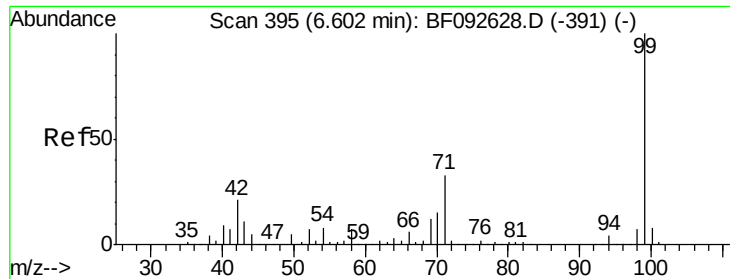
Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:	93	Resp:	350122
Ion	Ratio	Lower	Upper
93	100		
66	116.2	76.2	114.2#
65	77.8	49.3	73.9#





#7

Phenol-d6

Concen: 113.27 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

Tgt Ion: 99 Resp: 1525356

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

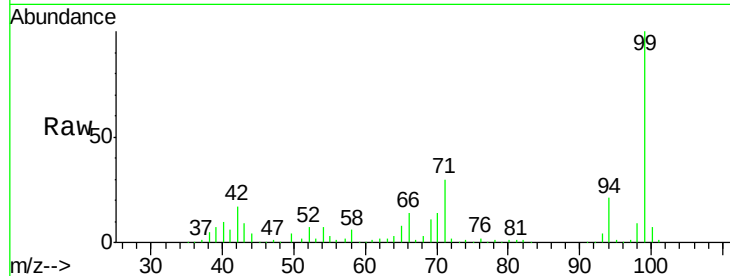
71 30.4 27.5 41.3

Manual Integrations

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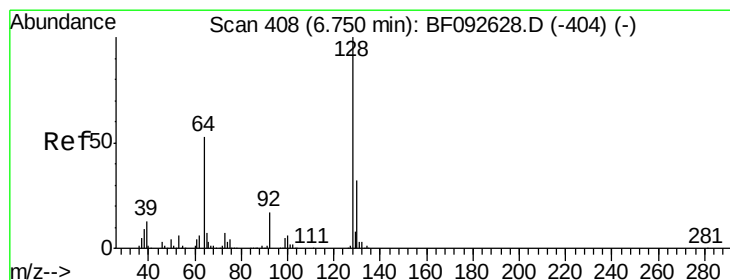
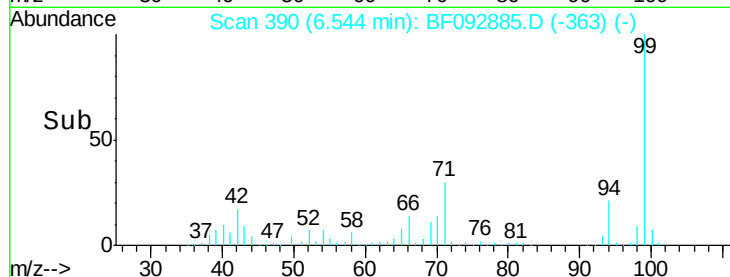
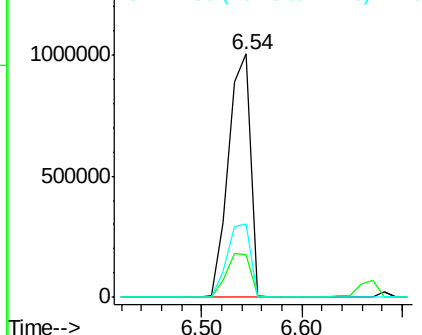
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.21 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

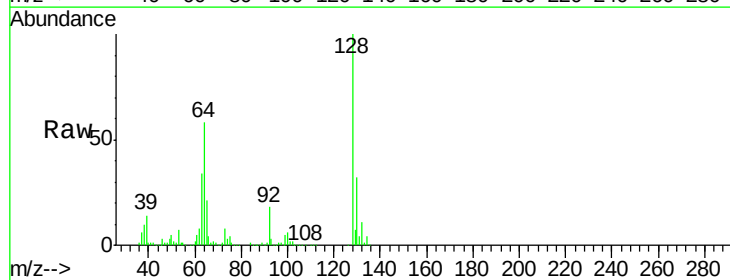
Tgt Ion: 128 Resp: 418055

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

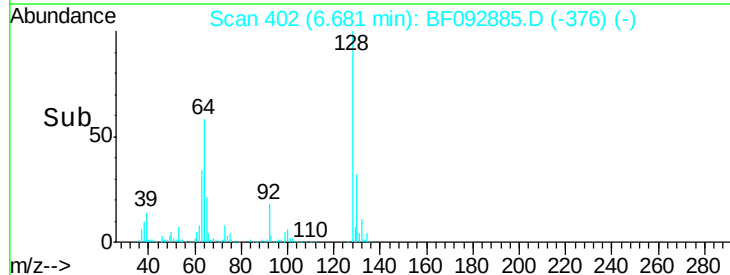
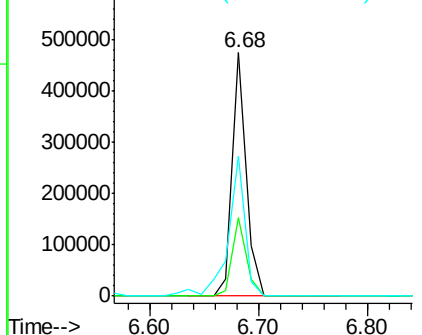
64 57.7 32.2 72.2

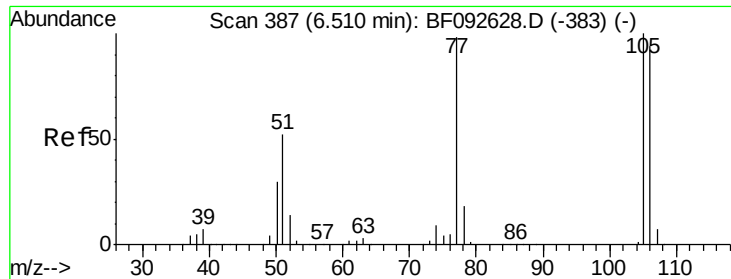


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.97 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

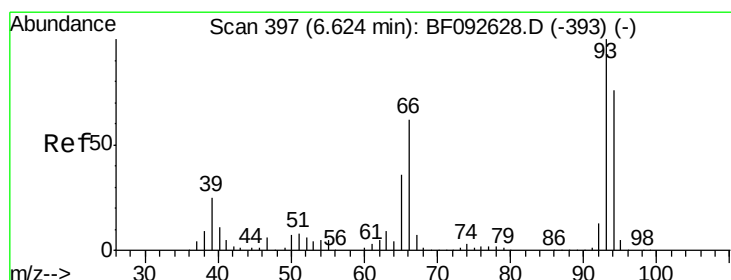
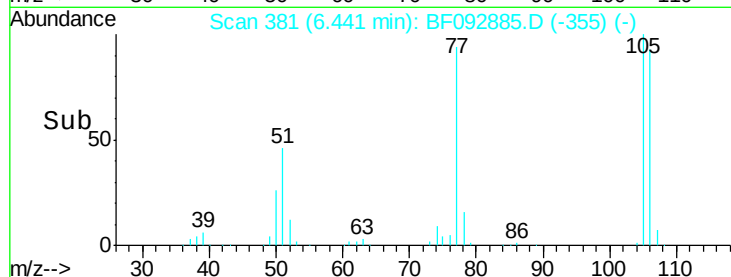
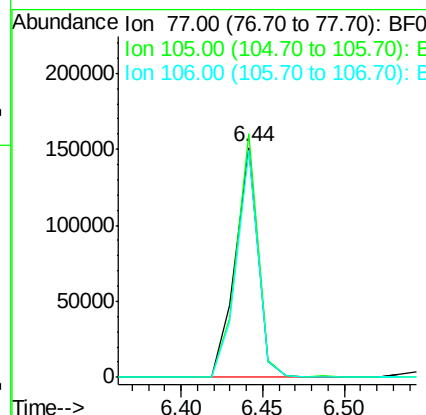
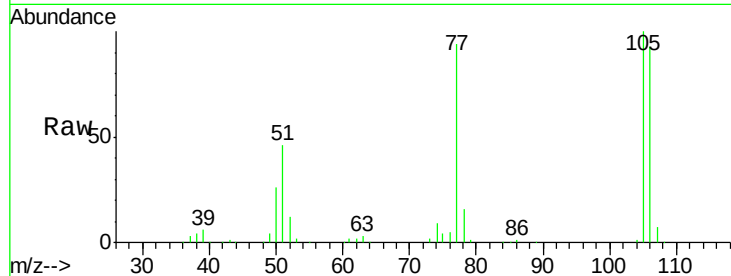
PB96853BS

Tgt Ion: 77 Resp: 144429

Ion	Ratio	Lower	Upper
77	100		
105	106.1	83.9	123.9
106	99.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 36.88 ng

RT: 6.56 min Scan# 391

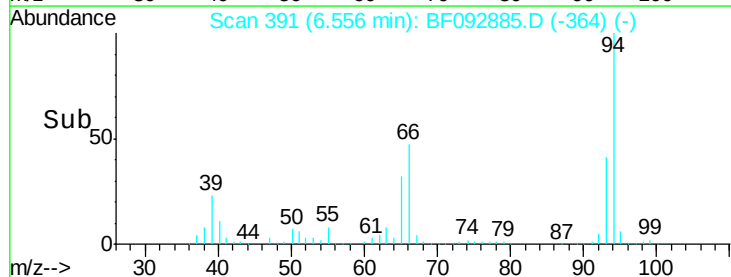
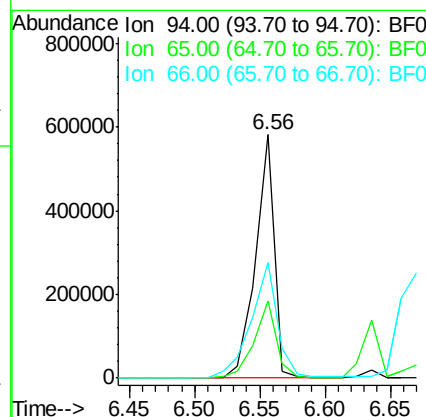
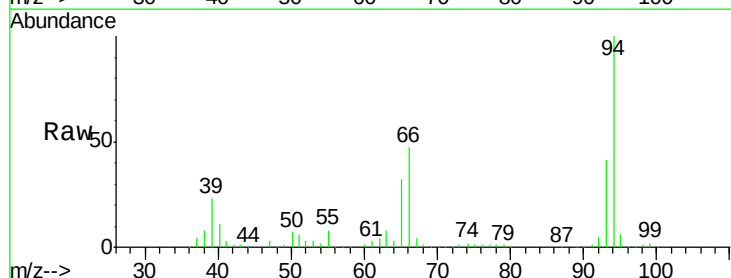
Delta R.T. 0.01 min

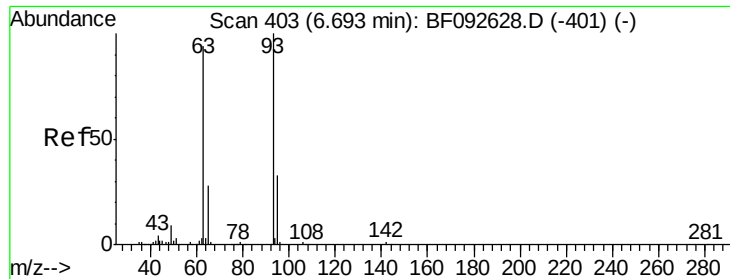
Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion: 94 Resp: 581142

Ion	Ratio	Lower	Upper
94	100		
65	31.7	21.4	61.4
66	47.4	44.0	84.0





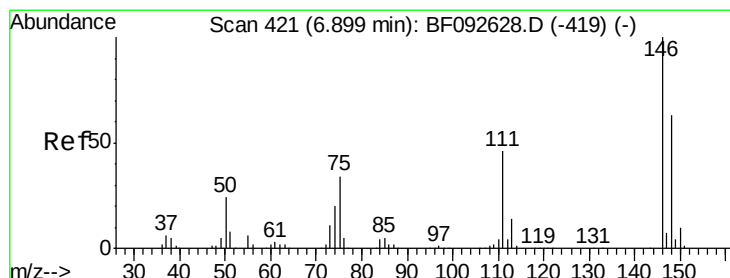
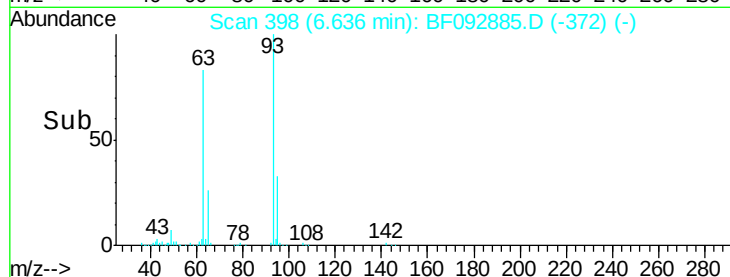
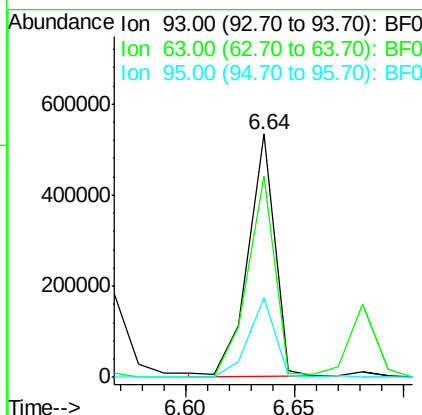
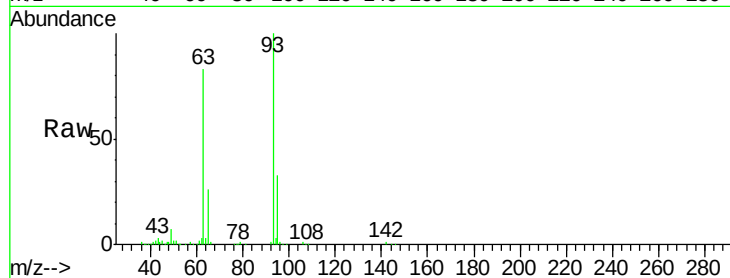
#11
bis(2-Chloroethyl)ether
Concen: 36.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.7	60.4	100.4
95	32.8	12.8	52.8

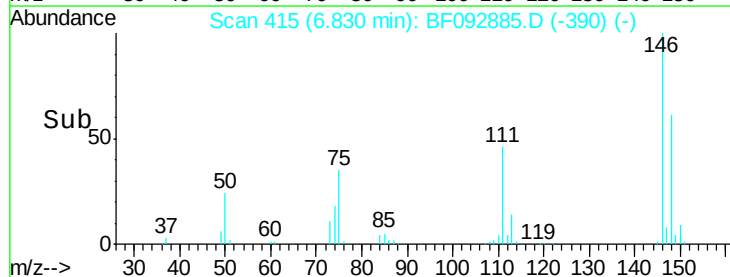
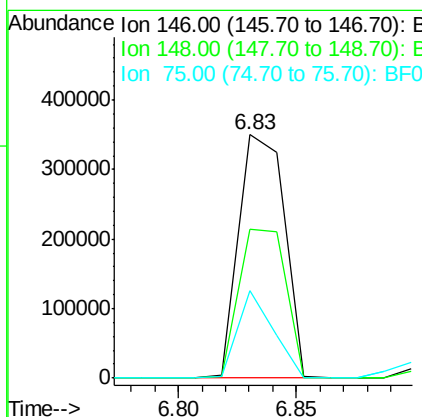
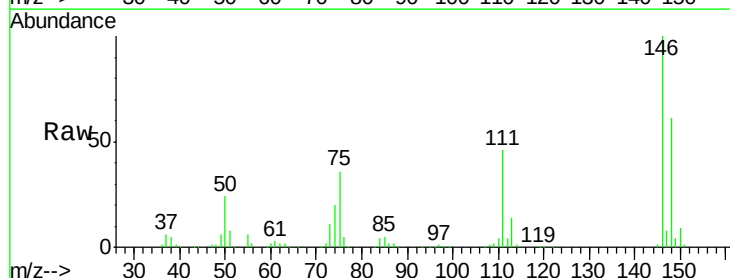
Manual Integrations
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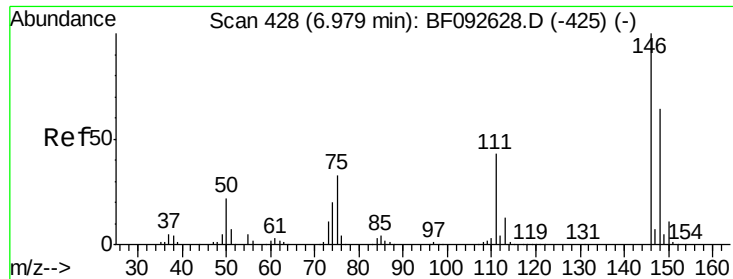
mohammad
2/13/2017 12:40:33 PM



#12
1,3-Dichlorobenzene
Concen: 34.62 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	53.4	80.0
75	36.1	18.5	27.7





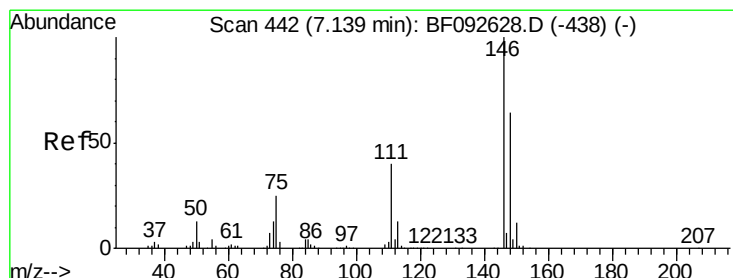
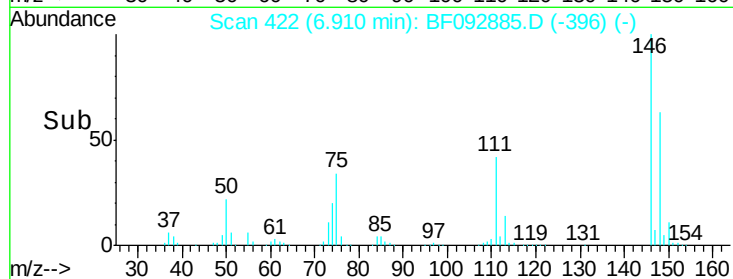
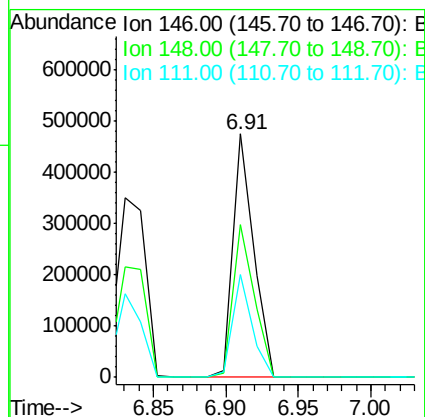
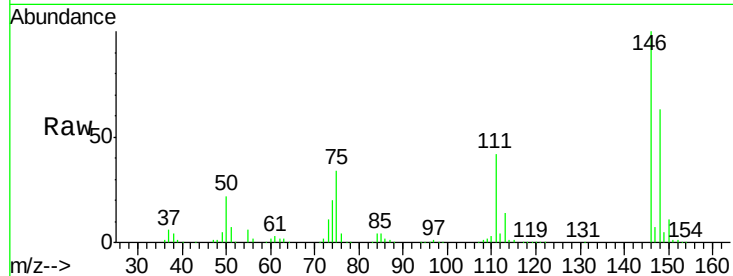
#13
 1,4-Dichlorobenzene
 Concen: 34.55 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
111	42.5	36.2	54.4

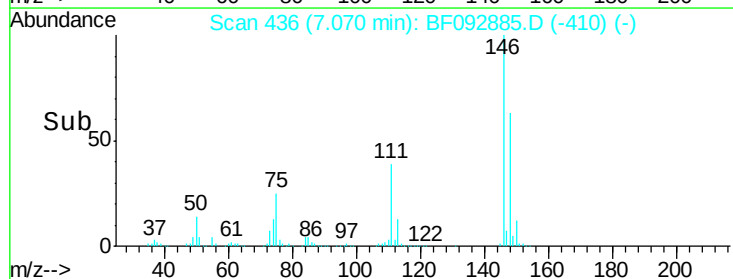
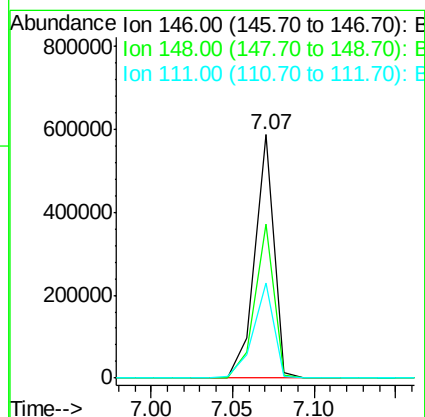
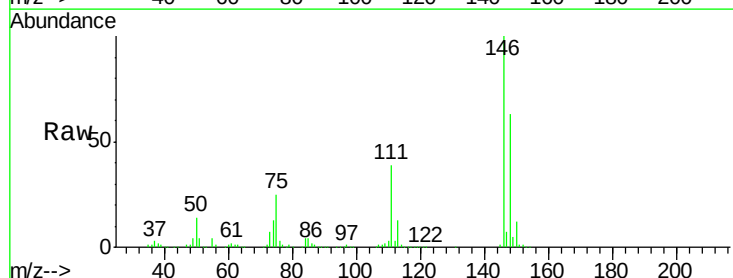
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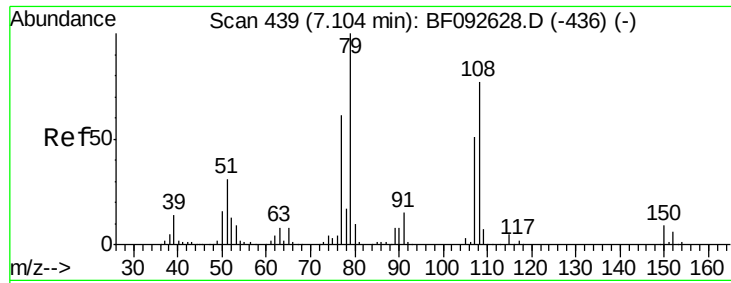
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.63 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	39.3	36.2	54.2





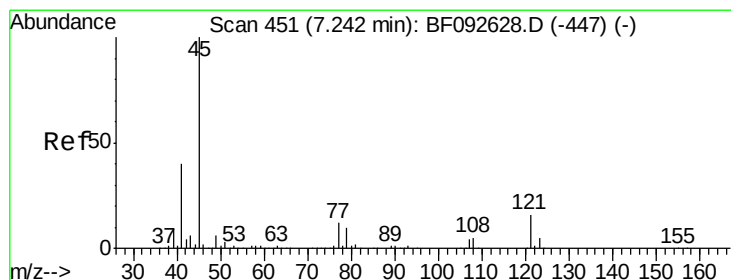
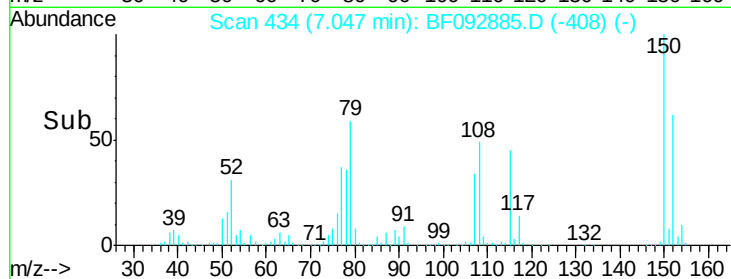
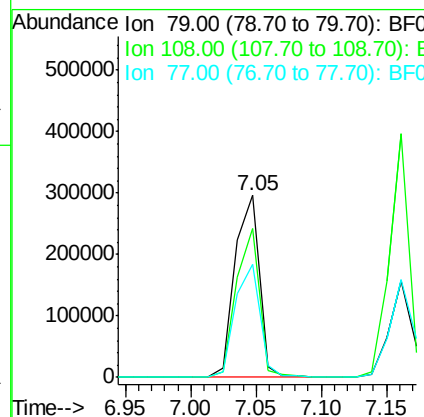
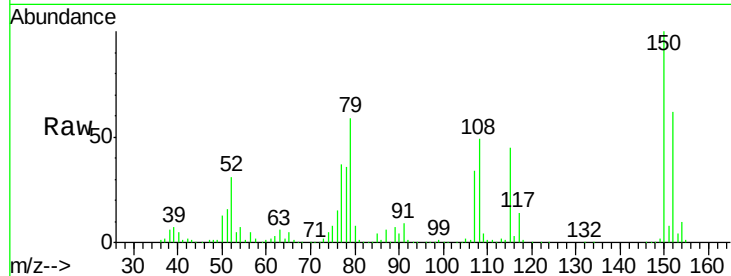
#15
Benzyl Alcohol
Concen: 38.71 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleID :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	385966		
108	82.1	61.4	92.0	
77	62.1	50.9	76.3	

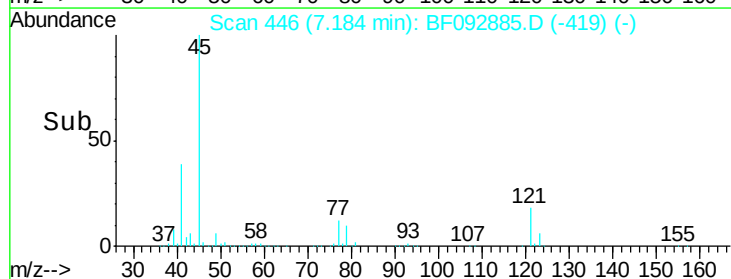
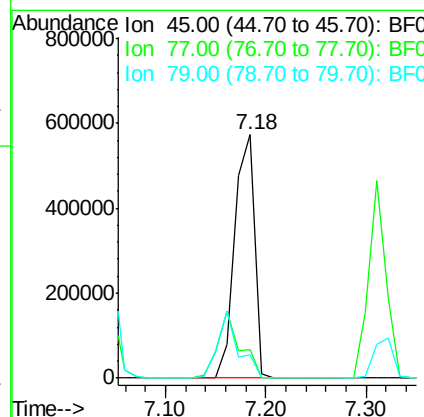
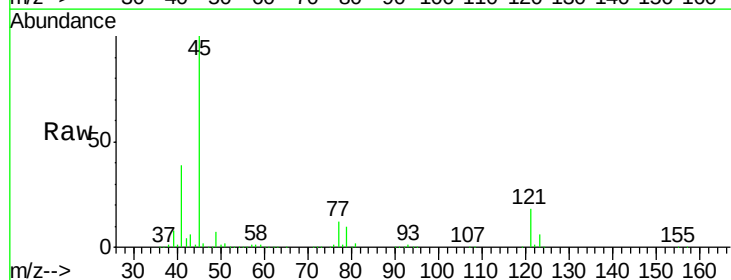
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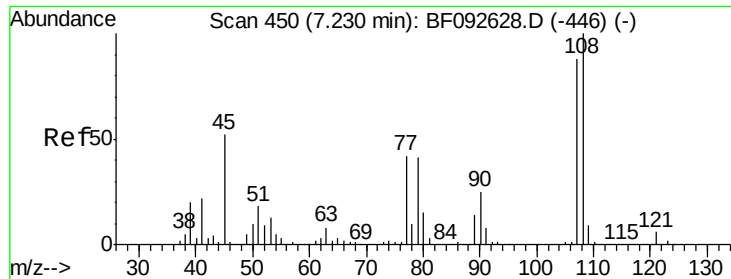
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.91 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	784585		
77	12.0	0.0	34.6	
79	9.9	0.0	31.2	





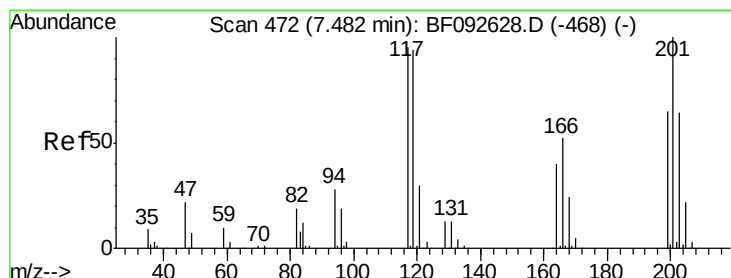
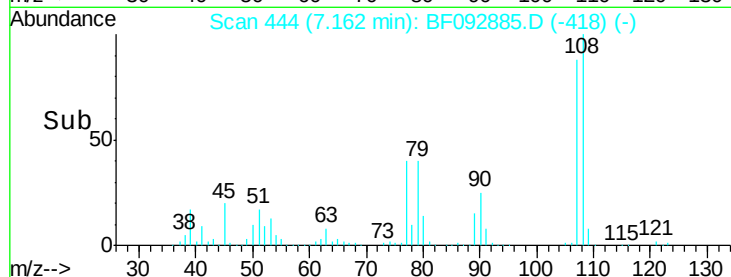
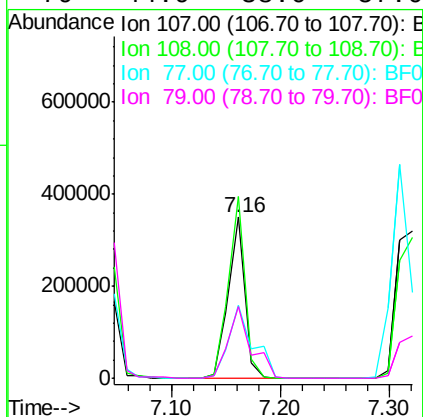
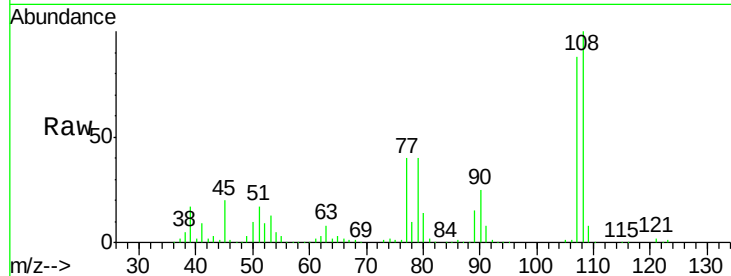
#17
2-Methylphenol
Concen: 37.37 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion:	107	Resp:	370162
Ion Ratio	Lower	Upper	
107	100		
108	113.2	93.0	139.6
77	45.4	39.8	59.8
79	44.9	38.0	57.0

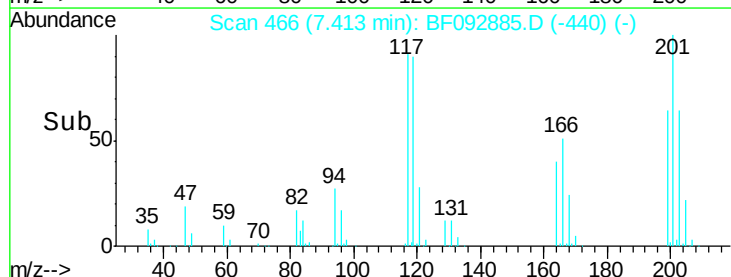
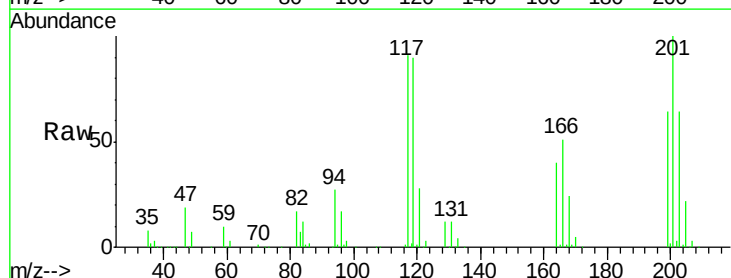
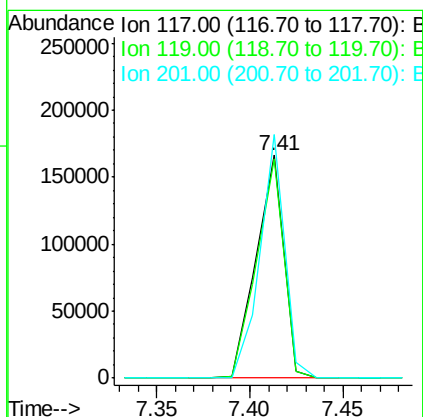
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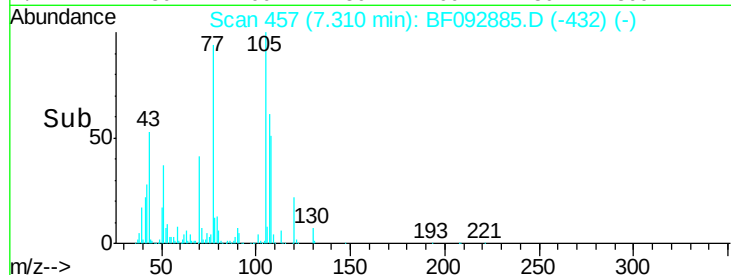
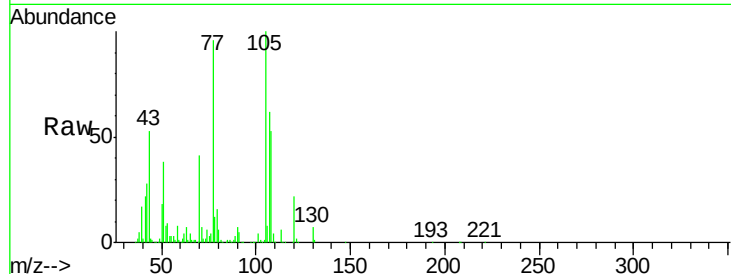
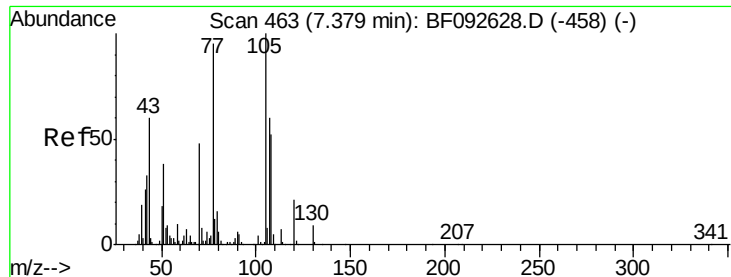
mohammad
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#18
Hexachloroethane
Concen: 36.25 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:	117	Resp:	169365
Ion Ratio	Lower	Upper	
117	100		
119	98.8	78.1	117.1
201	109.4	78.6	117.8





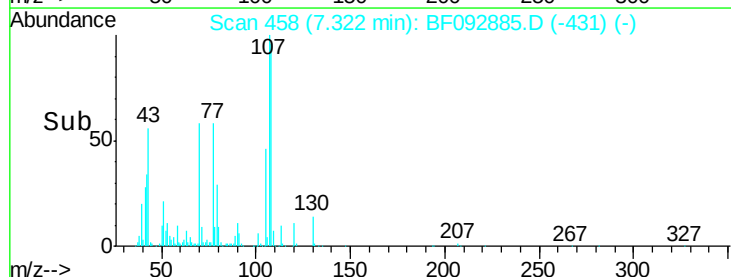
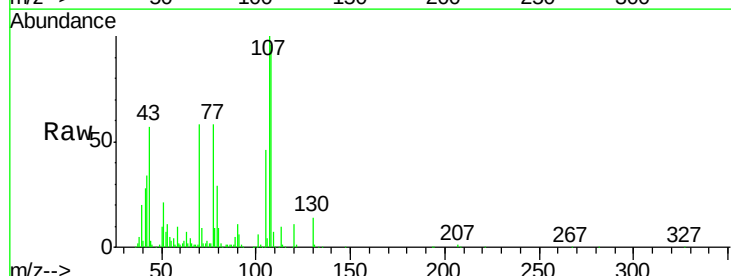
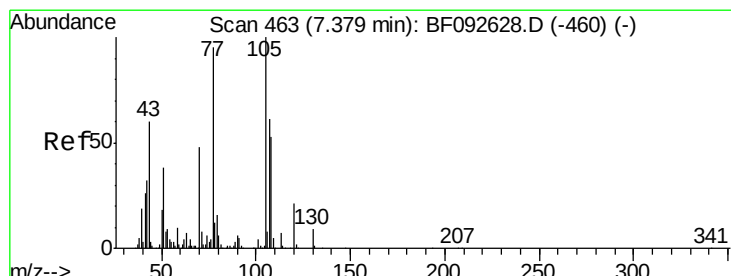
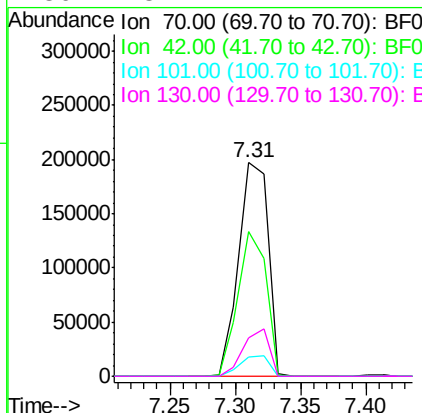
#19
n-Nitroso-di-n-propylamine
Concen: 36.16 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Manual Integrations
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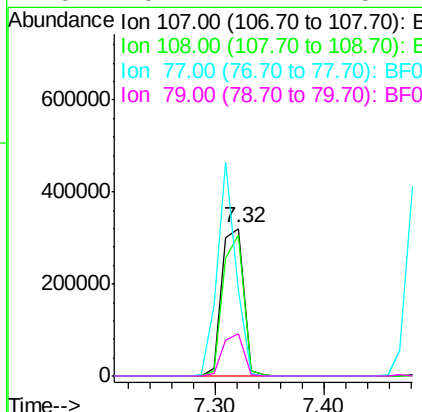
mohammad
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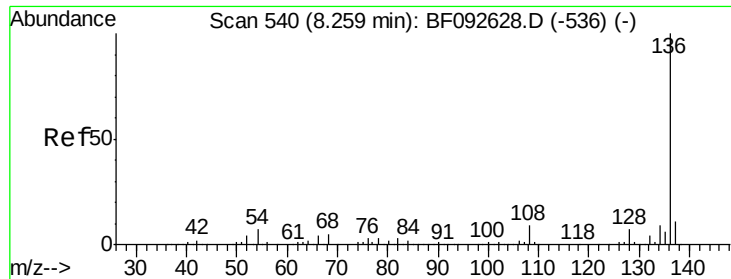
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.4	49.4	74.0	
101	8.9	7.4	11.2	
130	18.1	14.2	21.4	



#20
3+4-Methylphenols
Concen: 37.97 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.9	73.0	113.0	
77	58.4	71.3	111.3#	
79	29.1	11.1	51.1	





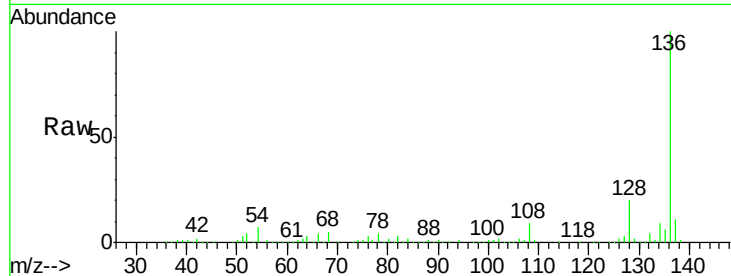
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

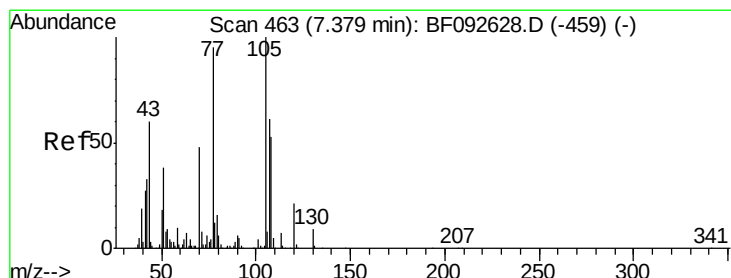
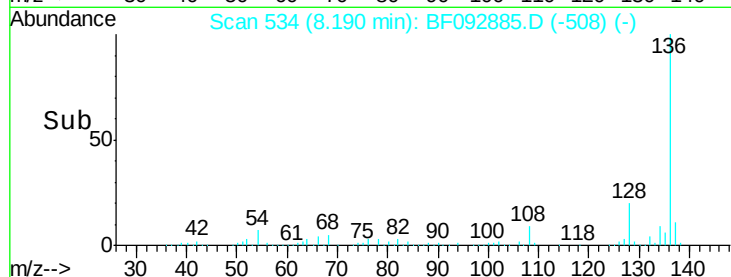
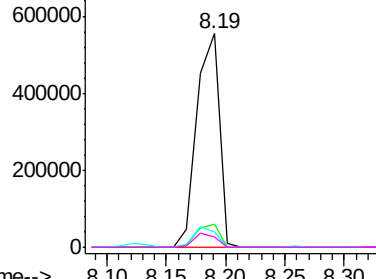
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	730628		
137	10.6	8.4	12.6	
54	7.2	4.5	6.7#	
68	4.8	3.6	5.4	

Manual Integrations
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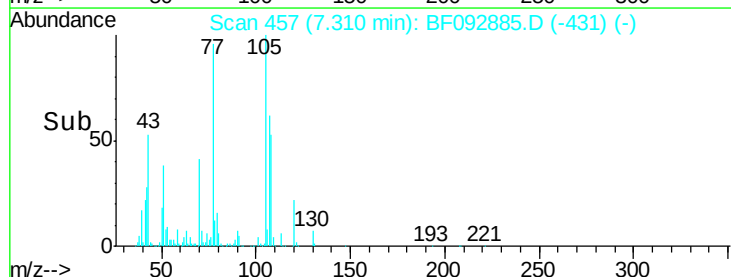
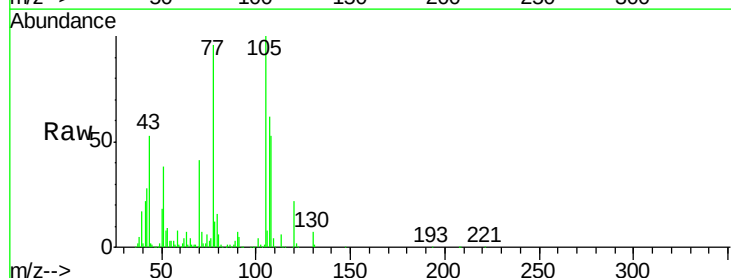
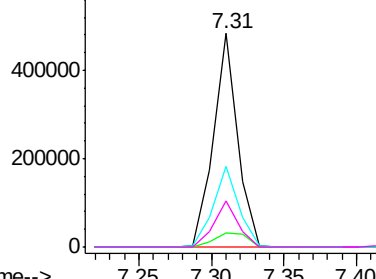
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

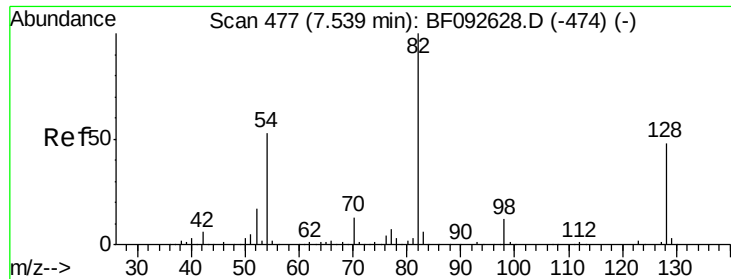


#22
Acetophenone
Concen: 33.33 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	556013		
71	6.8	3.2	4.8#	
51	37.7	26.2	39.4	
120	21.5	16.6	24.8	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





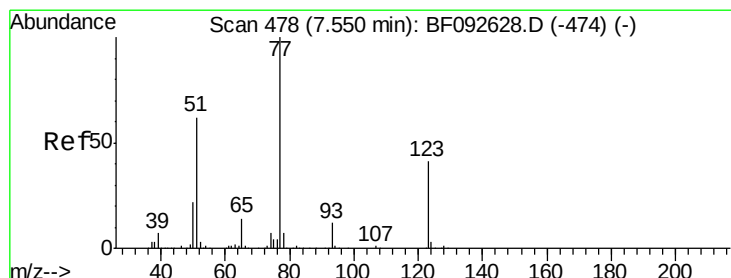
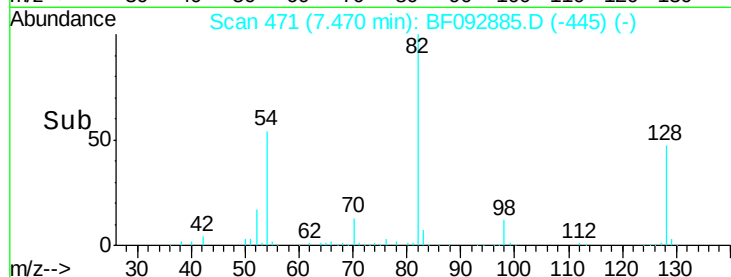
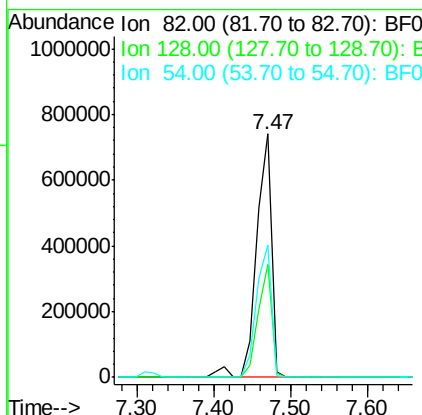
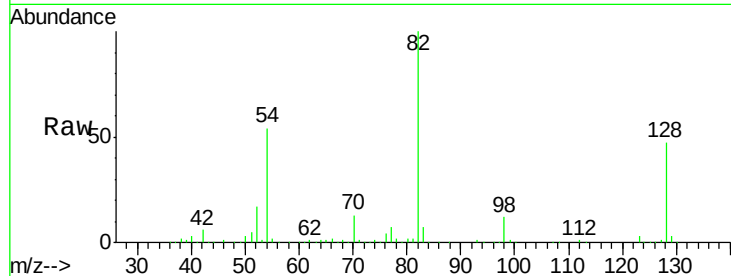
#23
 Nitrobenzene-d5
 Concen: 74.90 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampled :
 PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	982713		
128	46.6	34.6	52.0	
54	54.3	39.5	59.3	

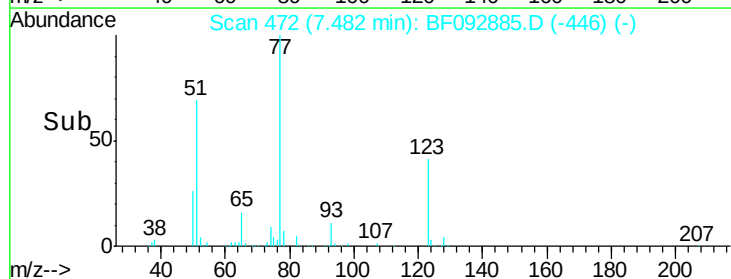
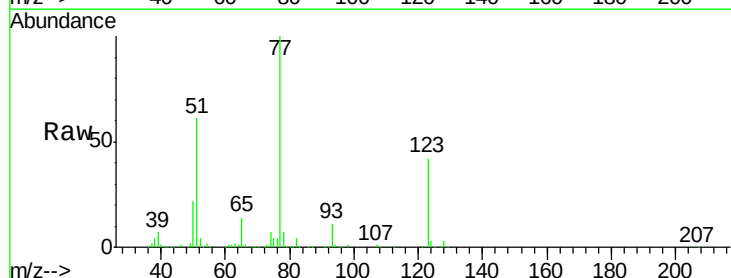
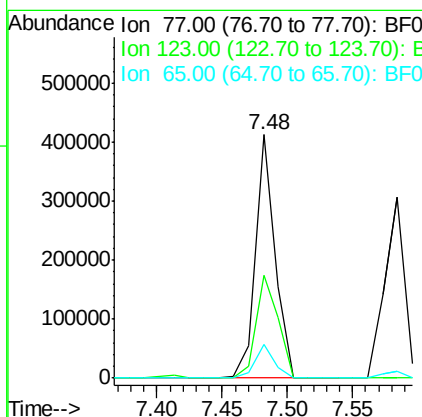
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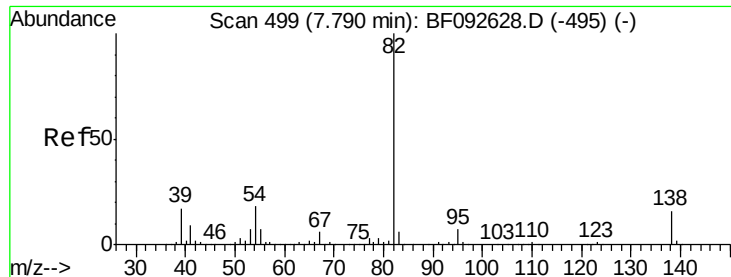
mohammad
 2/13/2017 12:40:33 PM



#24
 Nitrobenzene
 Concen: 31.97 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	430769		
123	42.0	33.0	49.4	
65	13.8	11.2	16.8	





#25

Isophorone

Concen: 35.04 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

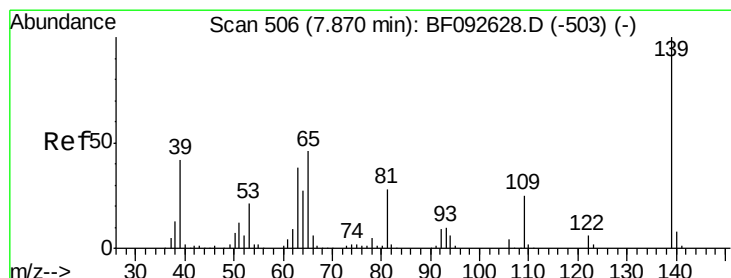
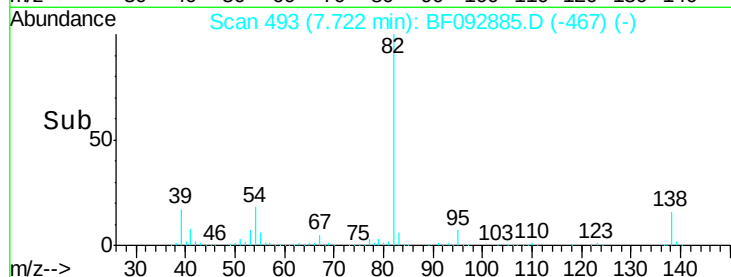
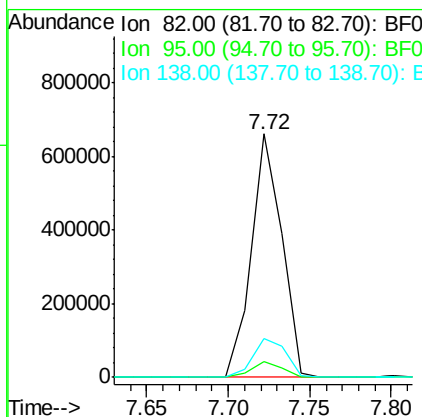
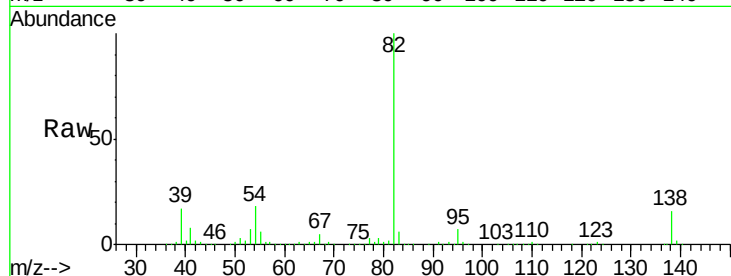
ClientSampleId :

PB96853BS

Tgt Ion:	82	Resp:	856620
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	15.9	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.19 ng

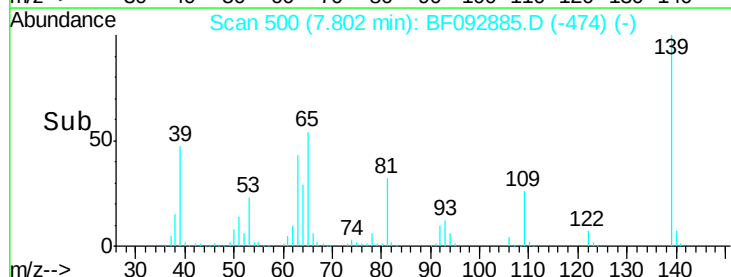
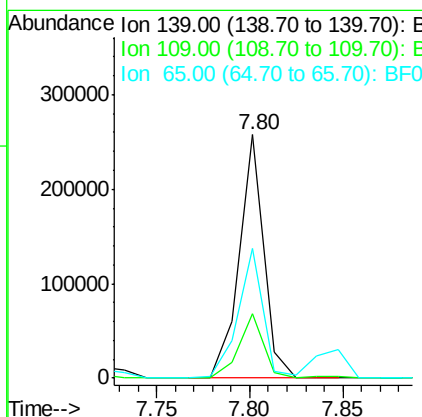
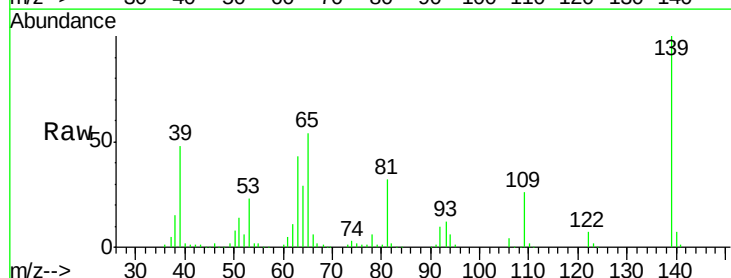
RT: 7.80 min Scan# 500

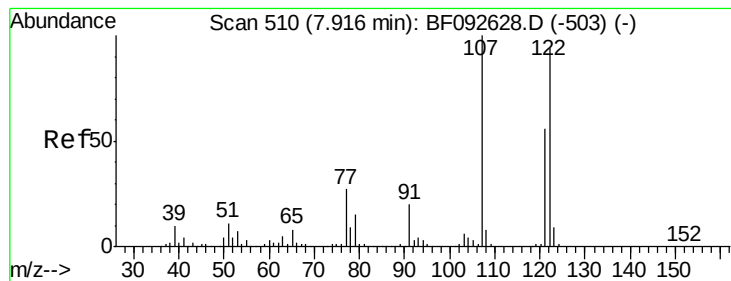
Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:	139	Resp:	238188
Ion Ratio	Lower	Upper	
139	100		
109	26.4	23.3	34.9
65	53.5	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 39.06 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

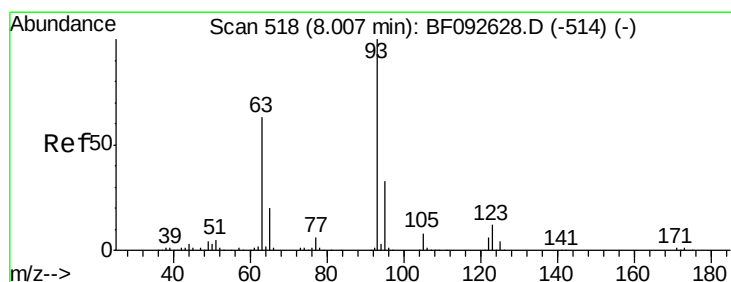
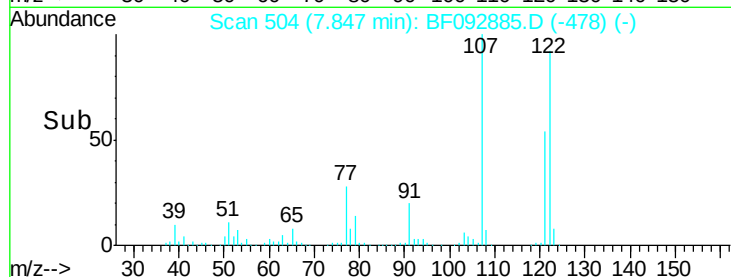
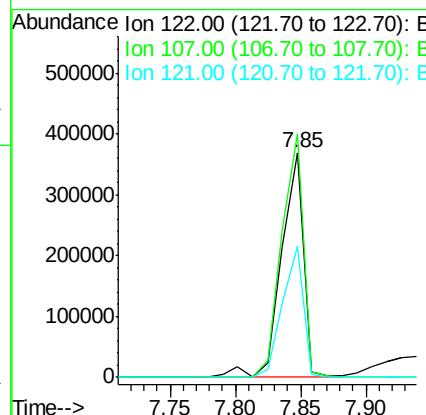
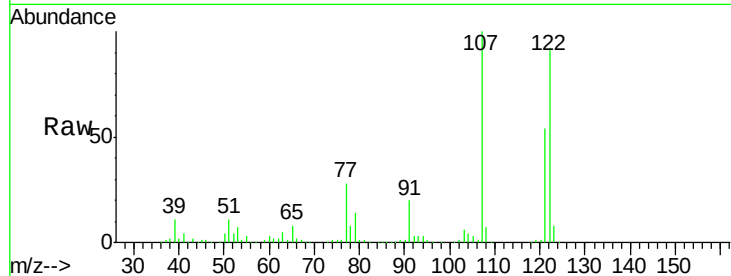
ClientSampleId :

PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	439306		
107	108.5	94.1	141.1	
121	58.6	46.0	69.0	

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#28

bis(2-Chloroethoxy)methane

Concen: 35.95 ng

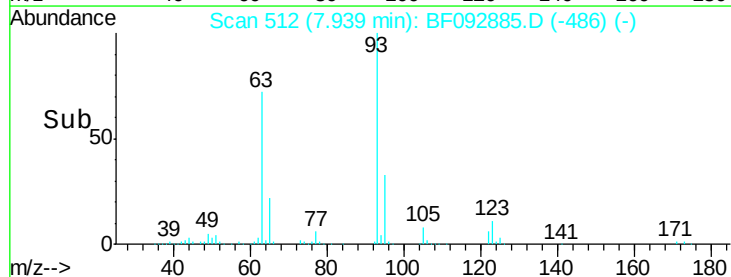
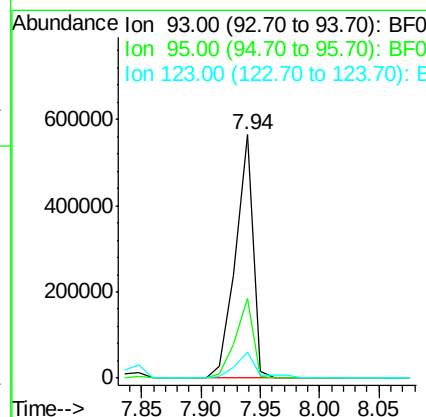
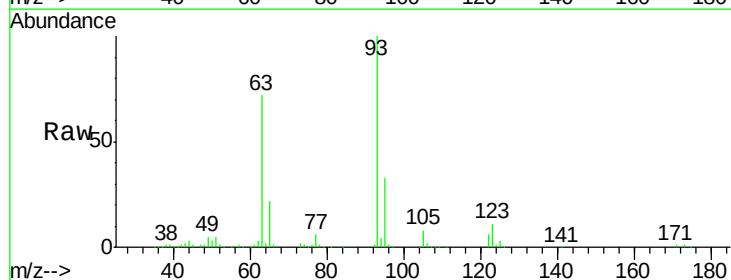
RT: 7.94 min Scan# 512

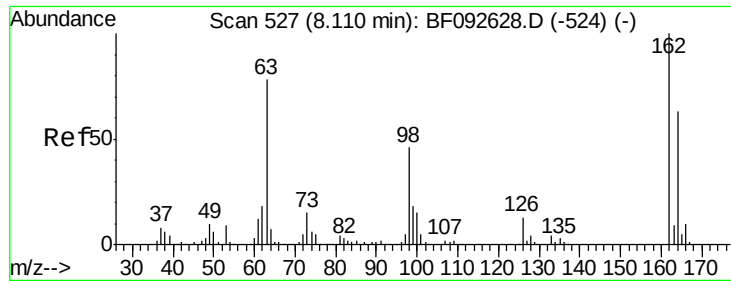
Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	582182		
95	32.6	26.5	39.7	
123	10.9	8.6	13.0	





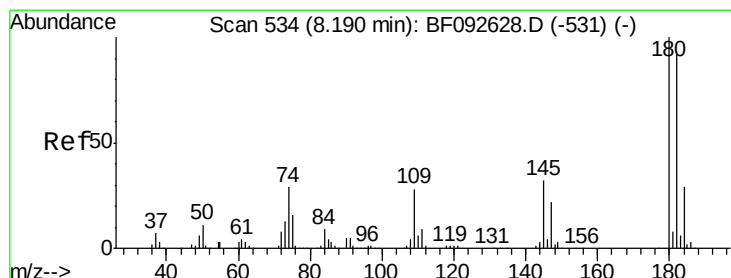
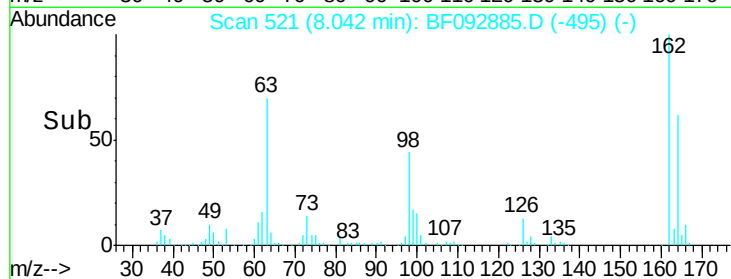
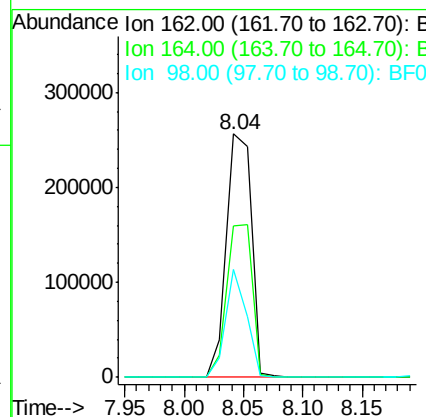
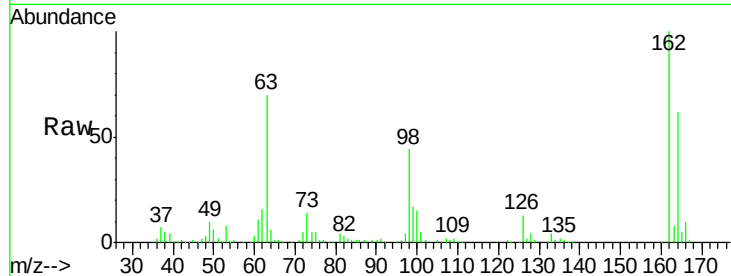
#29
2,4-Dichlorophenol
Concen: 35.75 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	375044		
164	62.0	46.8	86.8	
98	44.1	9.1	49.1	

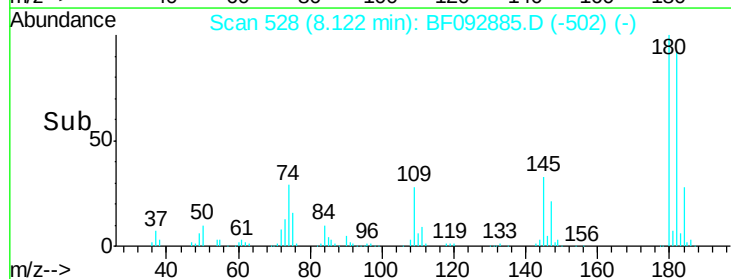
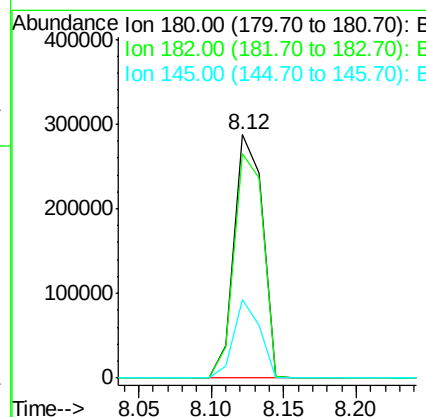
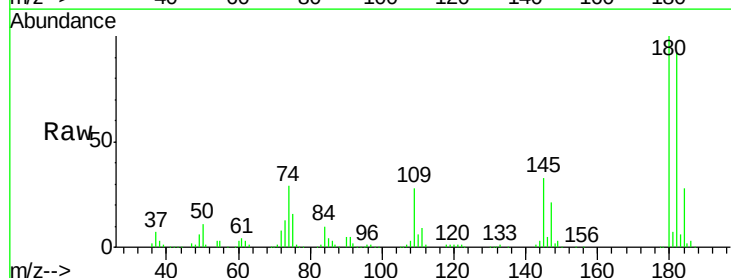
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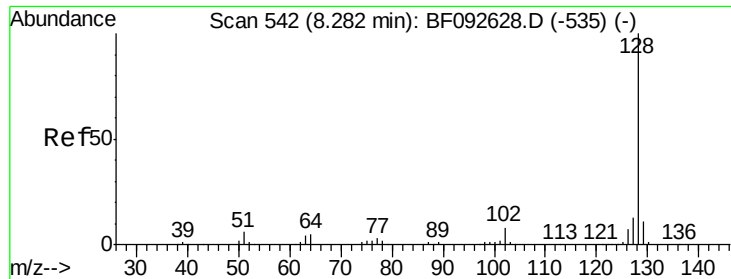
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 34.67 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	391882		
182	92.3	78.2	117.4	
145	32.5	21.6	32.4#	





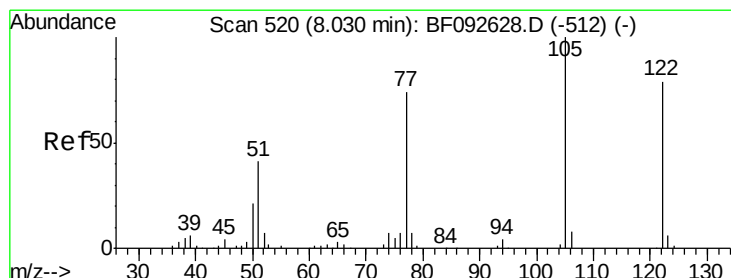
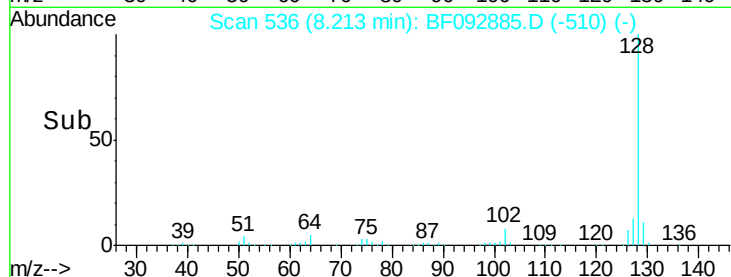
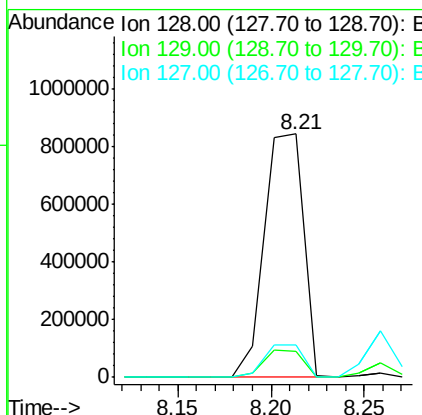
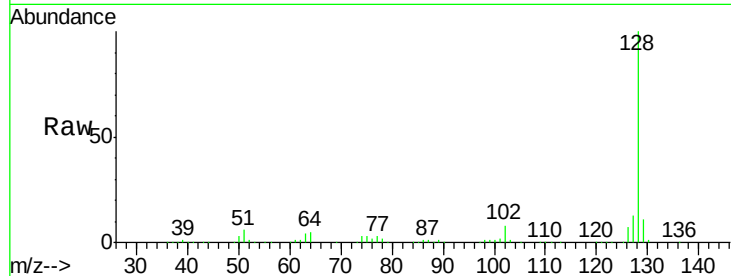
#31
Naphthalene
Concen: 33.18 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampled :
PB96853BS

Tgt Ion:128 Resp: 1228839
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 13.3 10.8 16.2

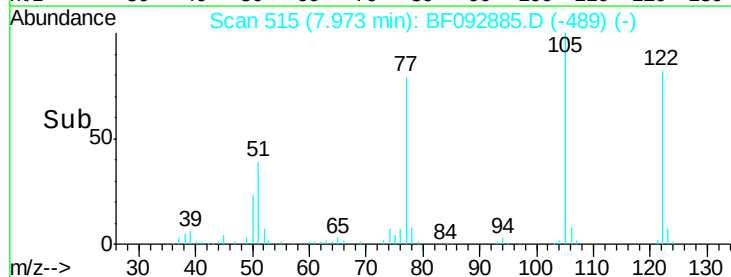
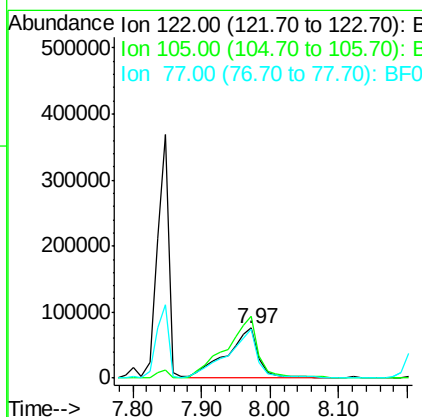
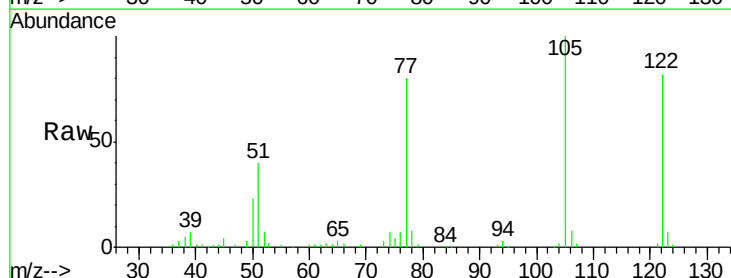
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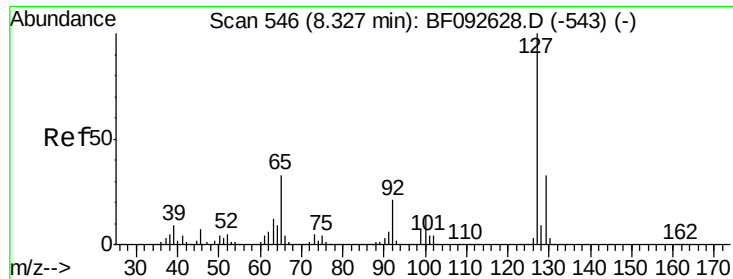
mohammad
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#32
Benzoic acid
Concen: 39.40 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:122 Resp: 241461
Ion Ratio Lower Upper
122 100
105 122.1 107.2 147.2
77 98.0 74.5 114.5





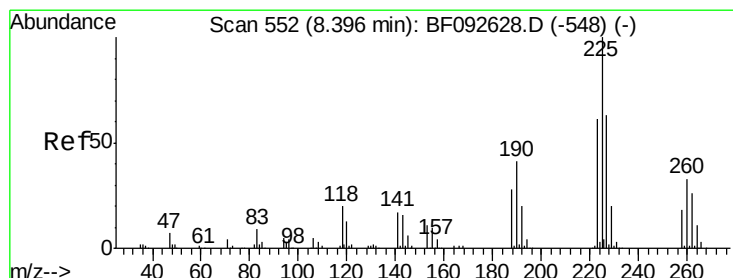
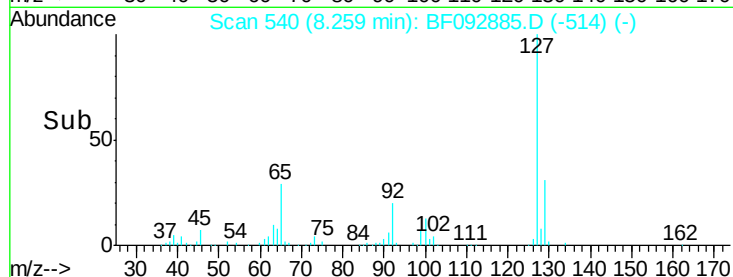
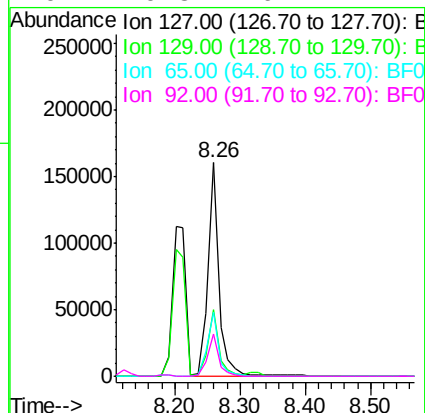
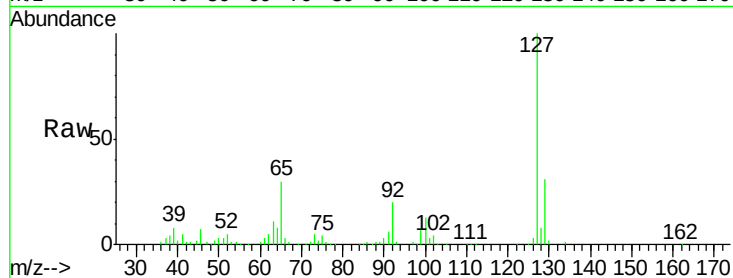
#33
4-Chloroaniline
Concen: 12.96 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	188214		
129	31.4	26.3	39.5	
65	30.0	25.8	38.8	
92	19.8	16.1	24.1	

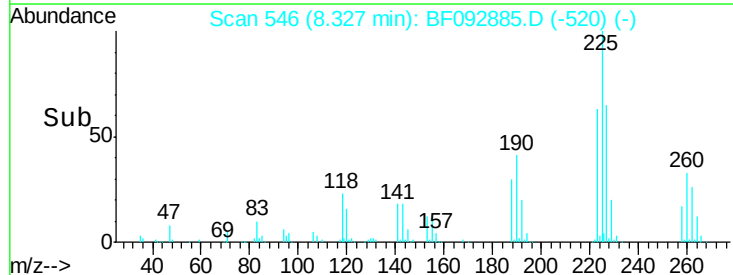
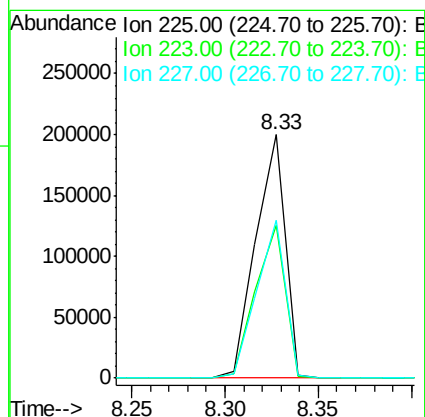
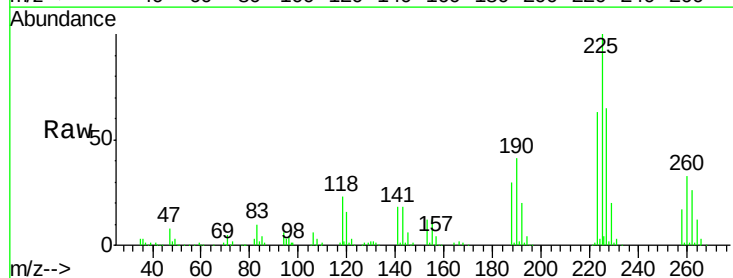
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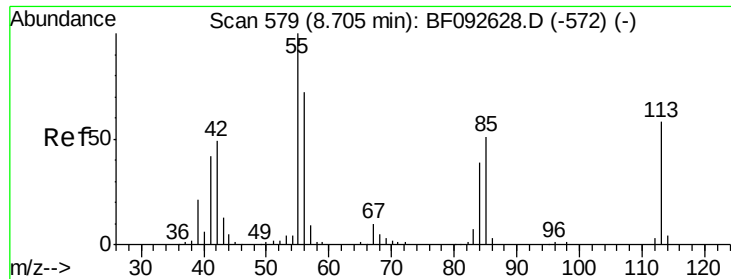
mohammad
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#34
Hexachlorobutadiene
Concen: 35.08 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	218149		
223	62.9	51.0	76.6	
227	64.8	50.6	76.0	





#35

Caprolactam

Concen: 38.86 ng m

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

Tgt Ion:113 Resp: 128209
Ion Ratio Lower Upper

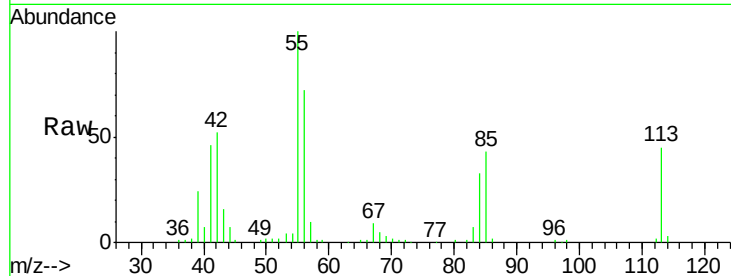
113 100

55 220.4 119.2 159.2#

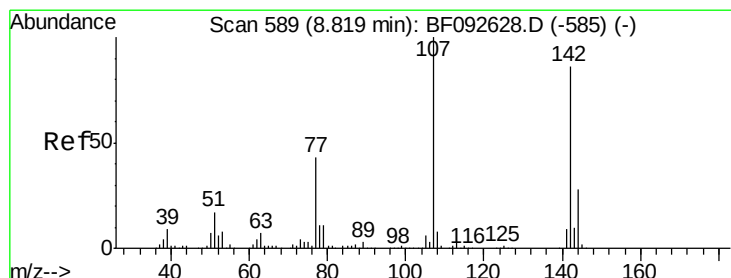
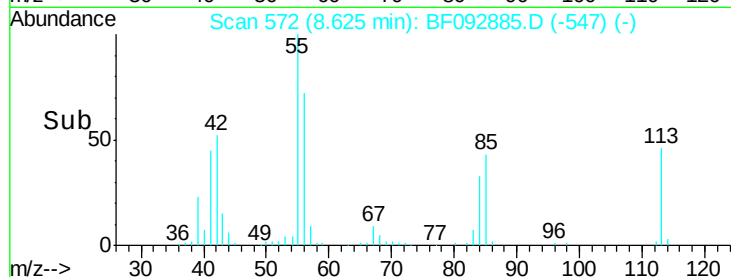
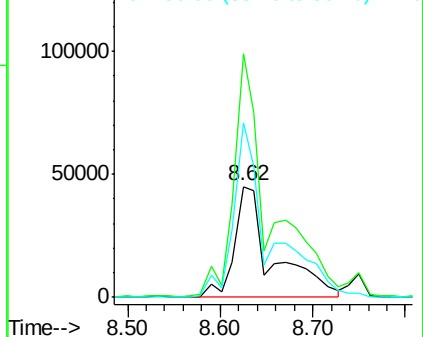
56 157.9 83.8 123.8#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.58 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF092885.D

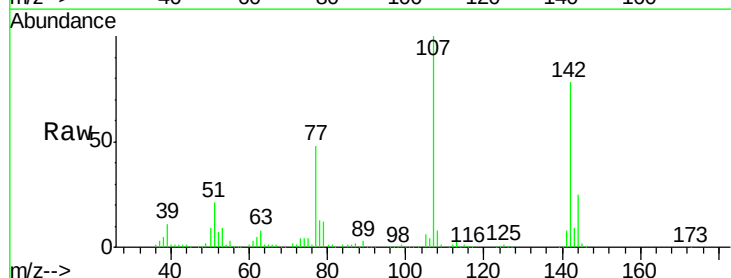
Acq: 10 Feb 2017 16:18

Tgt Ion:107 Resp: 410944
Ion Ratio Lower Upper

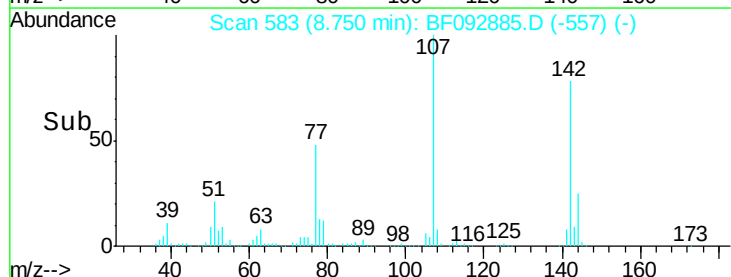
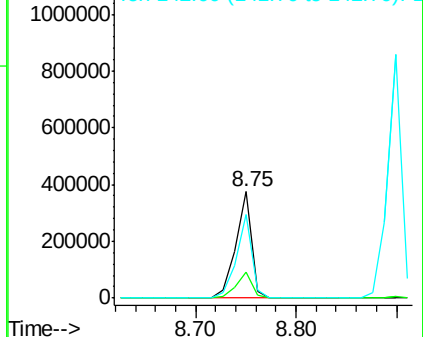
107 100

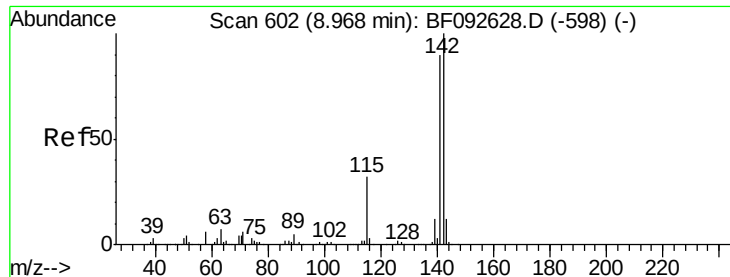
144 24.5 19.3 28.9

142 78.4 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





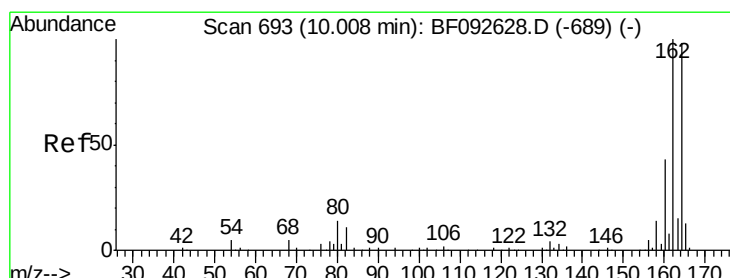
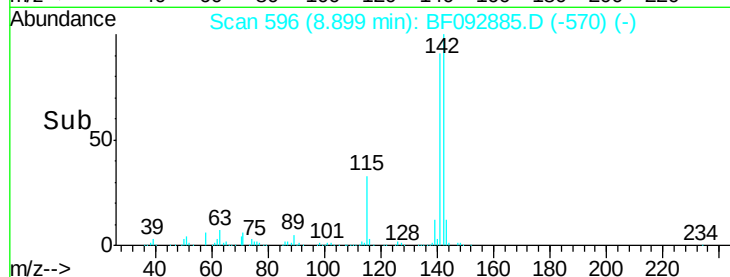
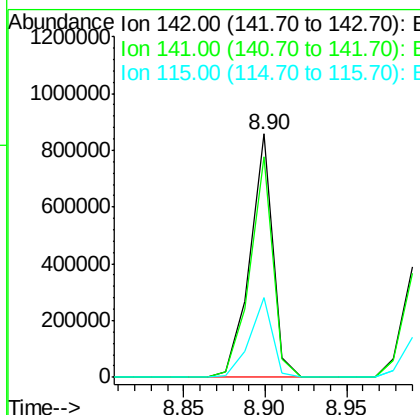
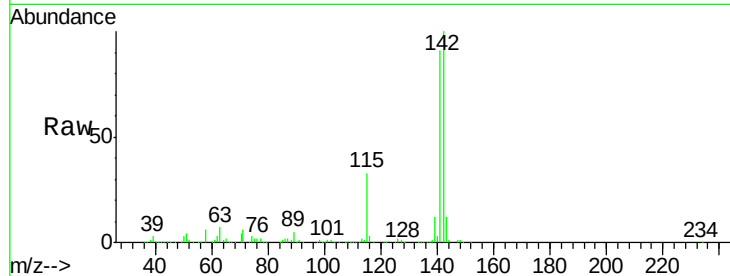
#37
 2-Methylnaphthalene
 Concen: 35.22 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	837611		
141	90.5	71.0	106.6	
115	33.0	28.3	42.5	

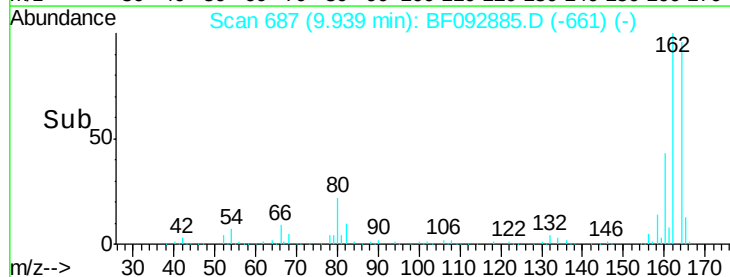
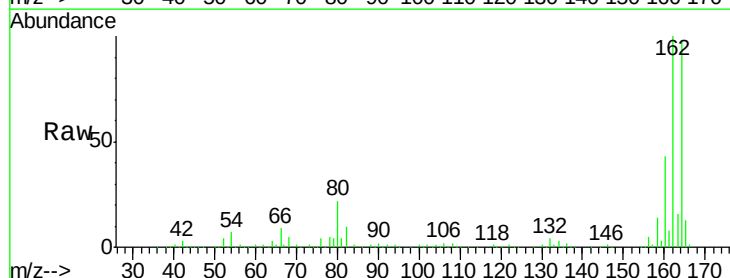
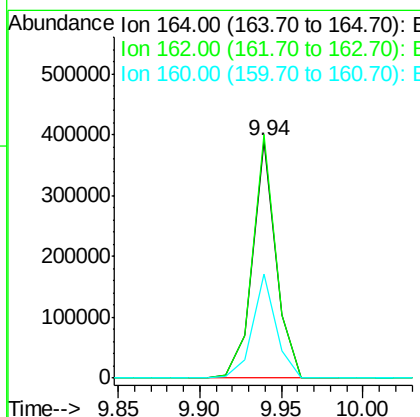
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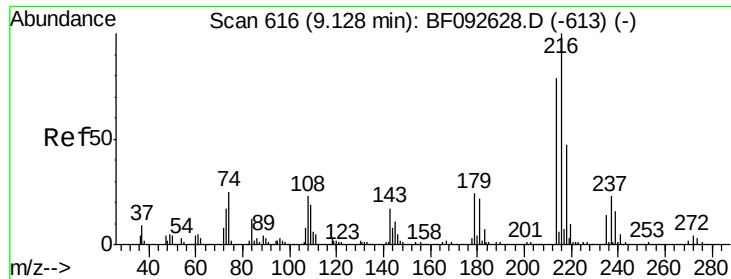
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	390519		
162	102.5	80.2	120.2	
160	44.0	36.9	55.3	





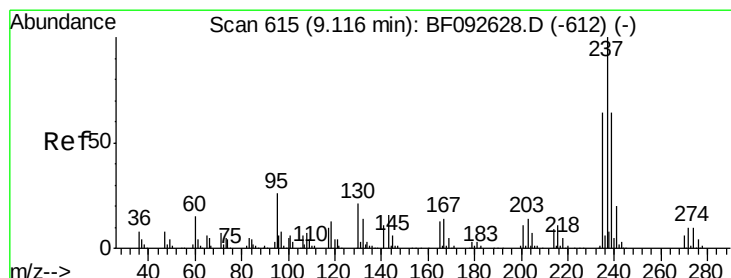
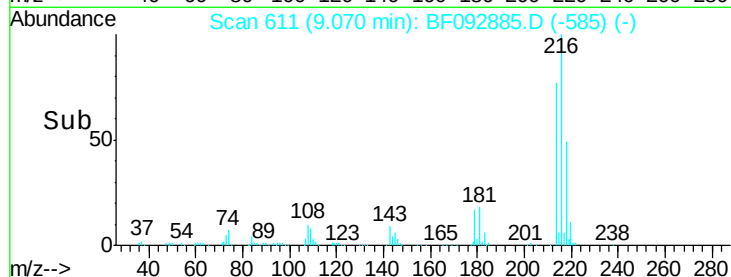
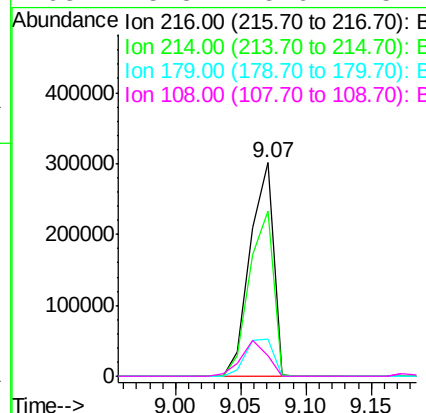
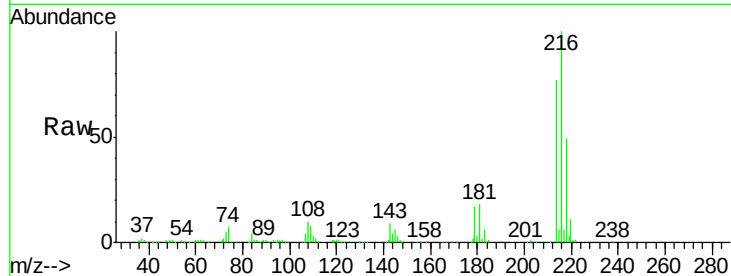
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.38 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	376885		
214	79.1	63.4	95.0	
179	20.1	17.4	26.2	
108	18.8	15.6	23.4	

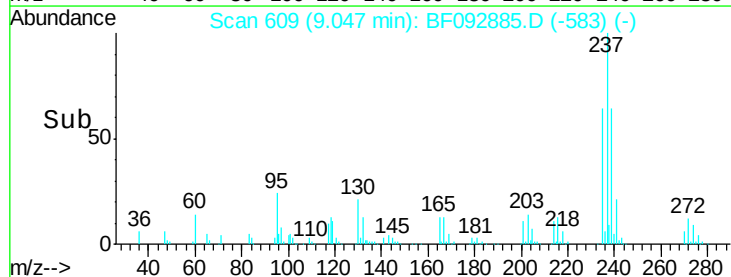
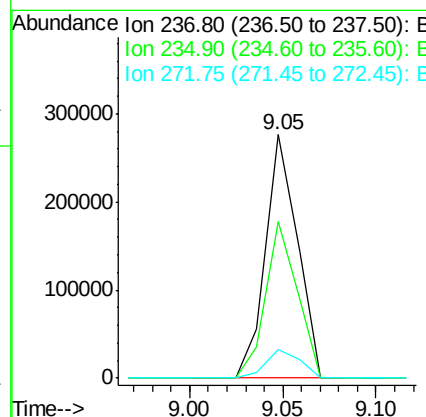
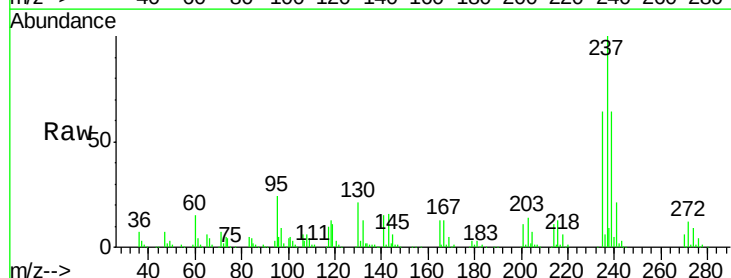
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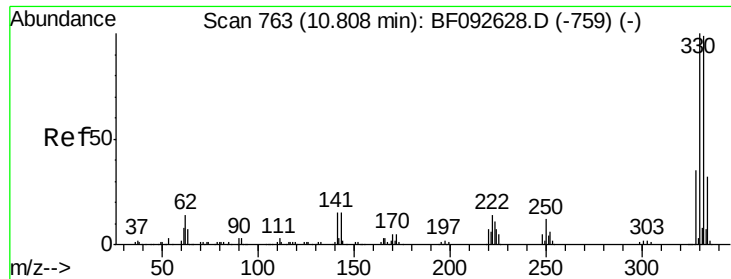
mohammad
 2/13/2017 12:40:33 PM



#40
 Hexachlorocyclopentadiene
 Concen: 65.90 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	325938		
235	64.2	41.2	81.2	
272	11.7	0.0	35.4	





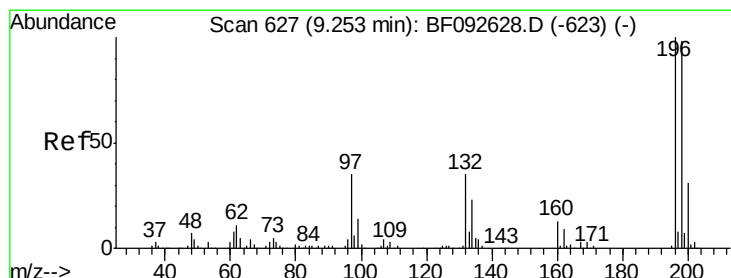
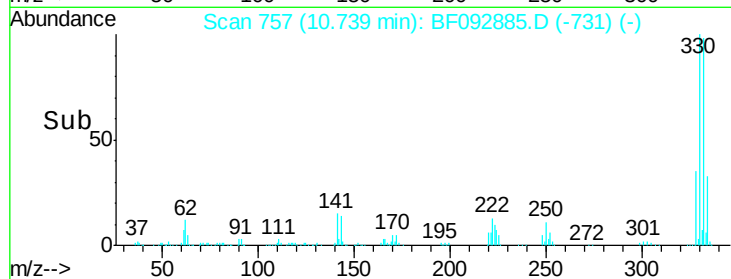
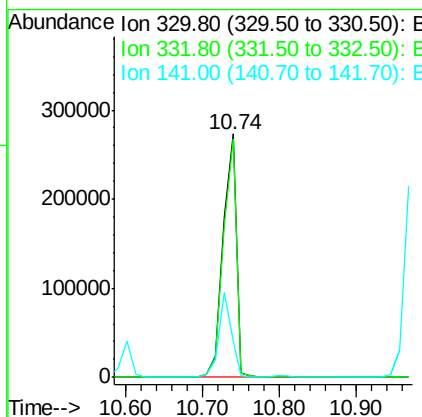
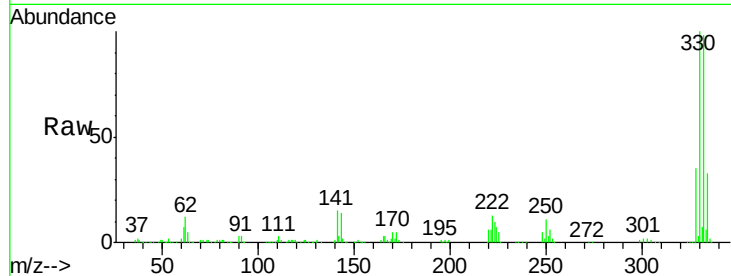
#41
 2,4,6-Tribromophenol
 Concen: 119.37 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	337155		
332	96.2	77.4	116.2	
141	32.4	34.1	51.1#	

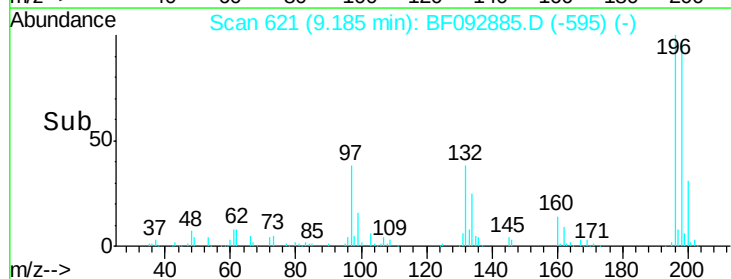
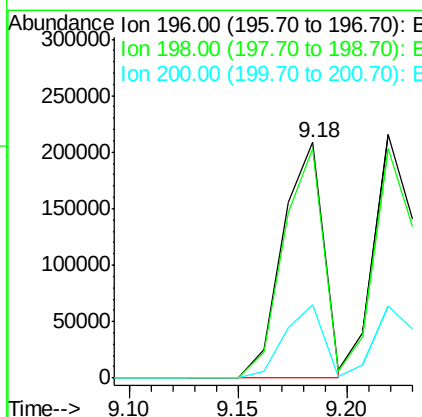
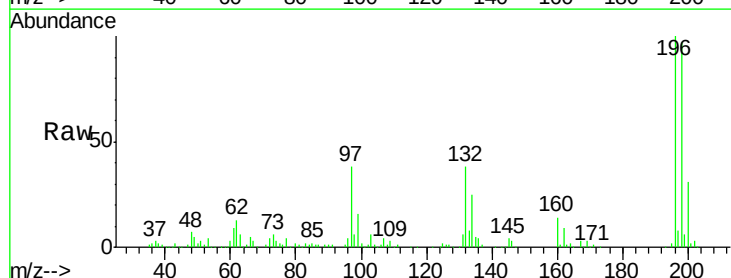
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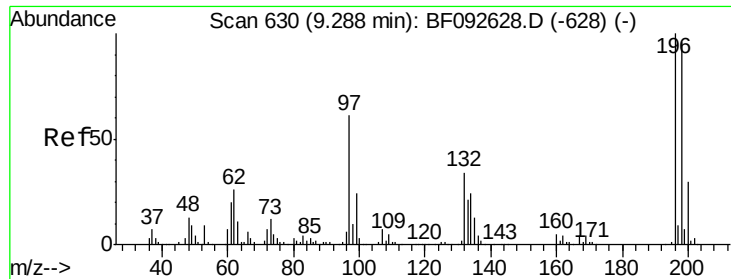
mohammad
 2/13/2017 12:40:33 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.72 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271676		
198	97.5	82.1	123.1	
200	31.4	27.0	40.4	





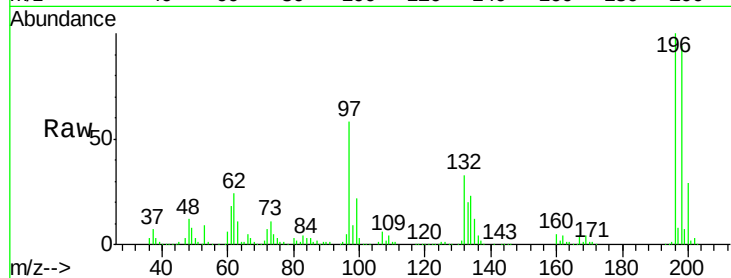
#43
 2,4,5-Trichlorophenol
 Concen: 35.13 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

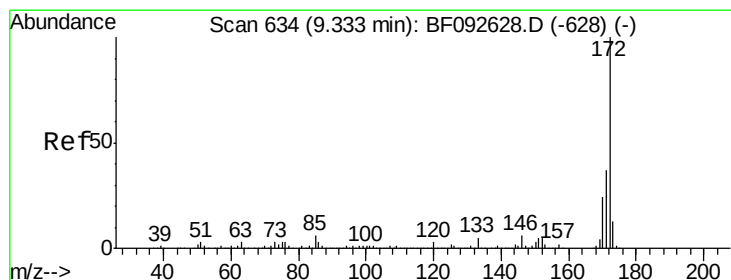
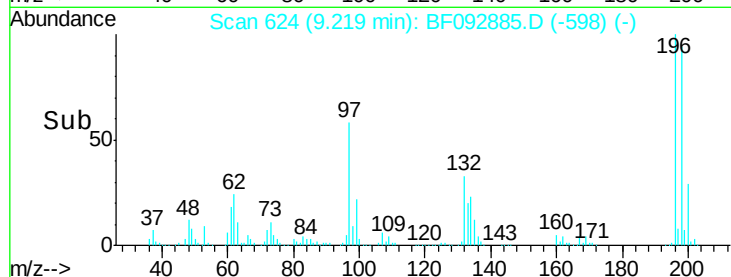
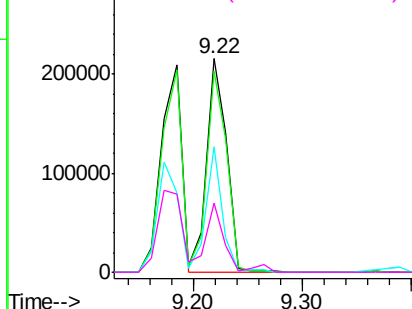
Tgt Ion:	196	Resp:	277236
Ion Ratio	Lower	Upper	
196	100		
198	94.1	79.4	119.2
97	58.4	51.5	77.3
132	32.6	27.4	41.2

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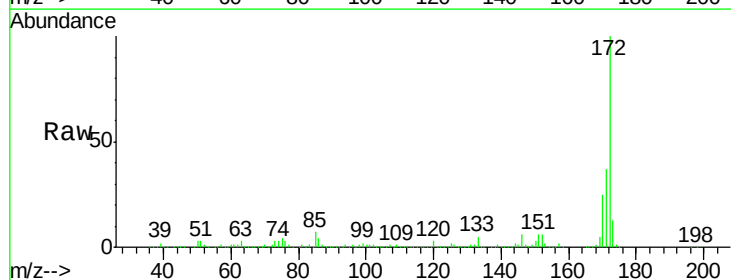


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

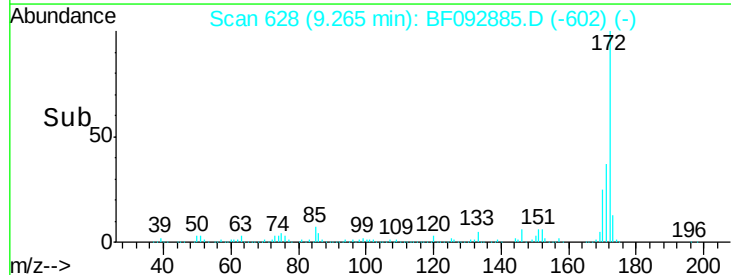
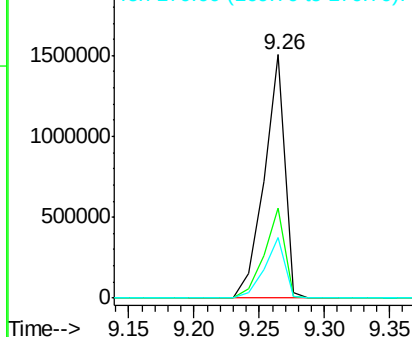


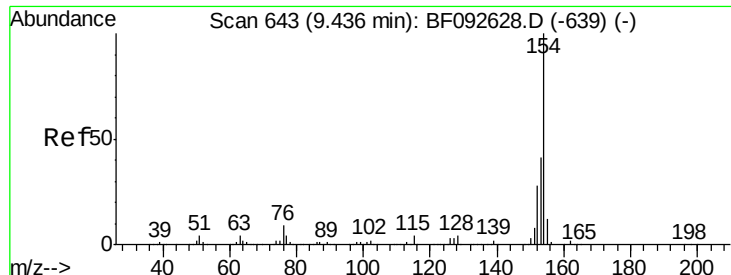
#44
 2-Fluorobiphenyl
 Concen: 77.05 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:	172	Resp:	1660949
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.4	44.0
170	24.7	20.2	30.4



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





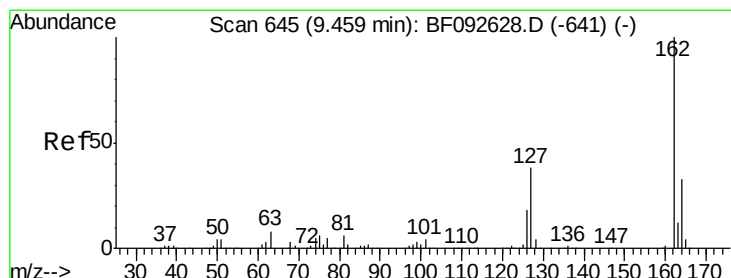
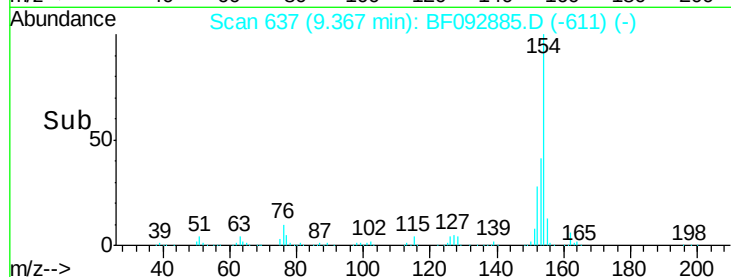
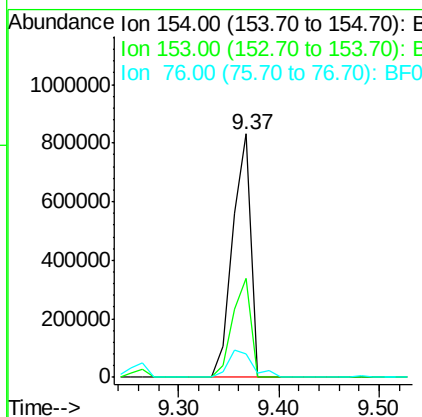
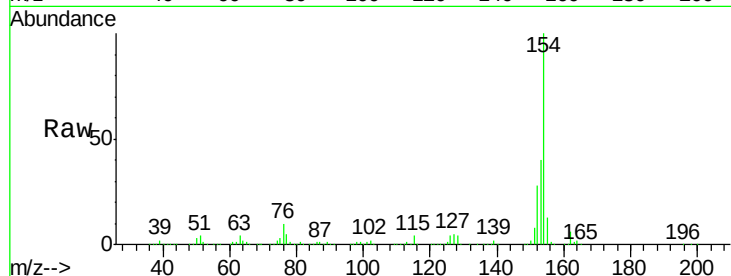
#45
 1,1'-Biphenyl
 Concen: 36.54 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampled :
 PB96853BS

Tgt Ion:154 Resp: 1033152
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 9.5 0.0 30.5

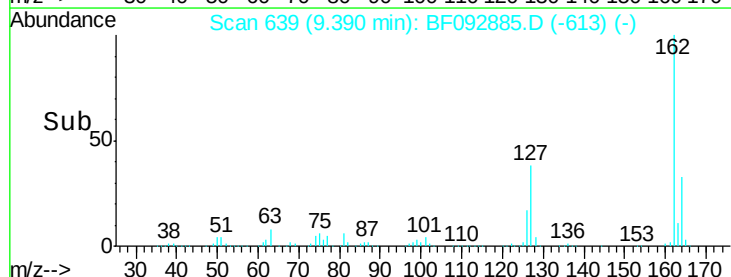
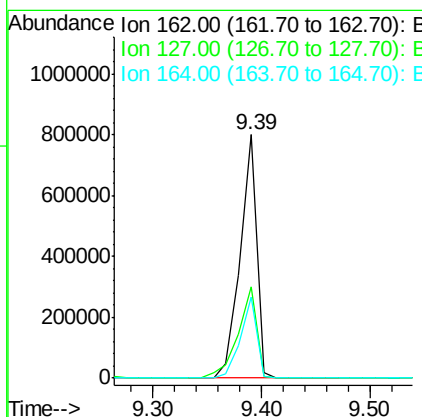
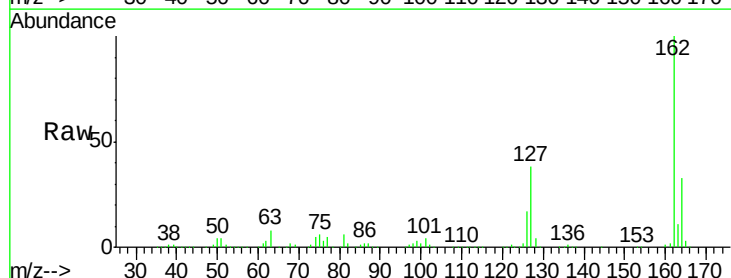
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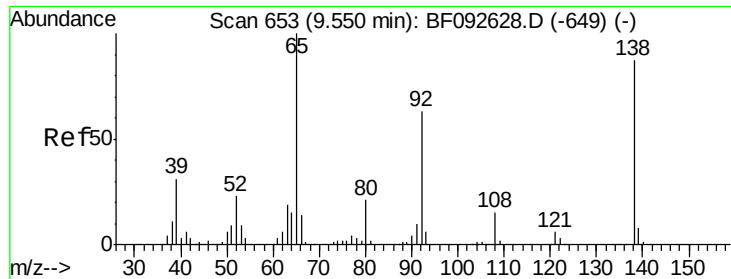
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#46
 2-Chloronaphthalene
 Concen: 37.34 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:162 Resp: 825914
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.7 46.1
 164 33.2 27.6 41.4





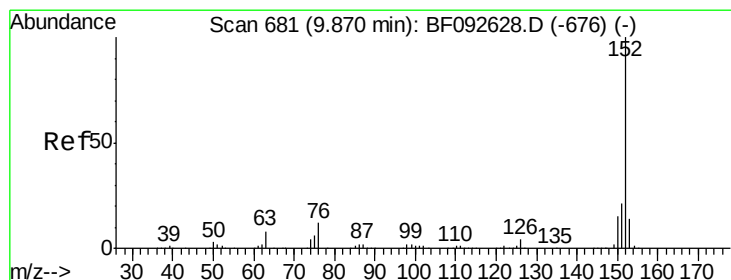
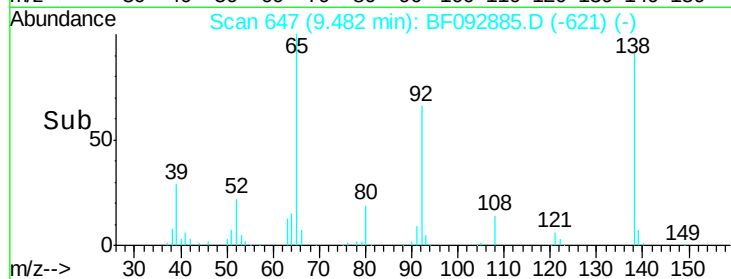
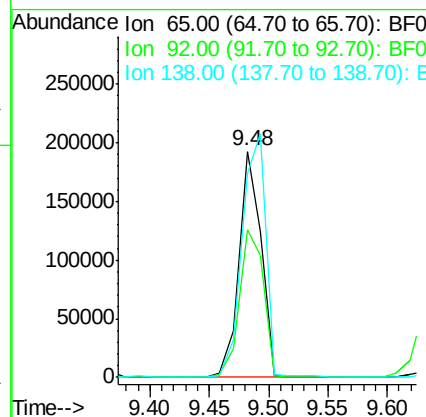
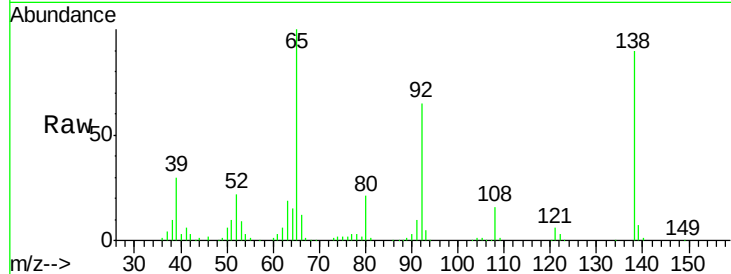
#47
2-Nitroaniline
Concen: 33.51 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.9	80.9
138	90.3	76.8	115.2

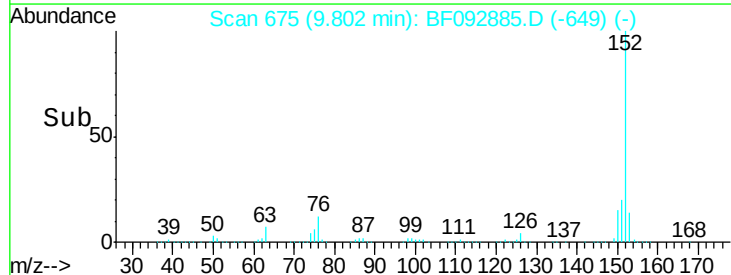
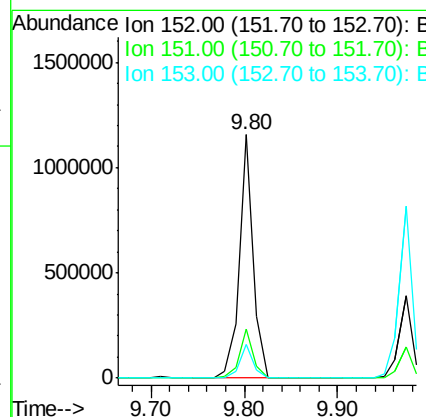
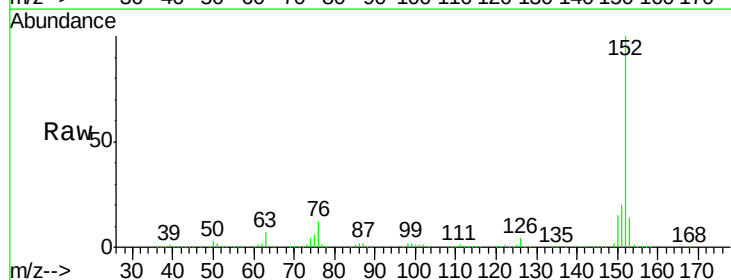
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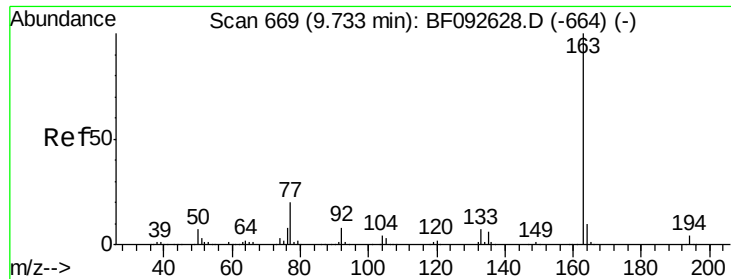
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#48
Acenaphthylene
Concen: 31.38 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.7	11.4	17.2





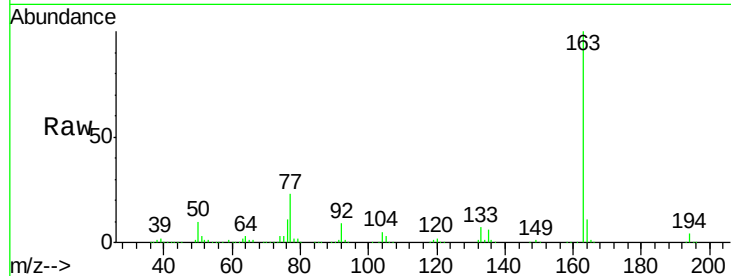
#49
Dimethylphthalate
Concen: 35.06 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

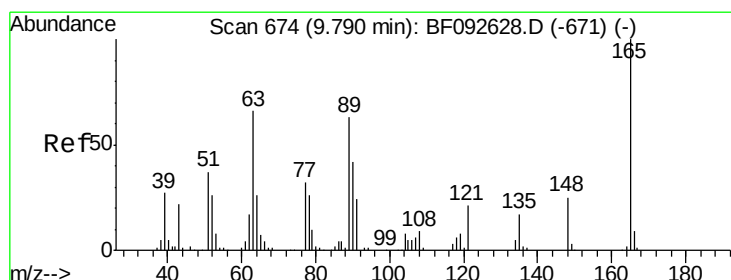
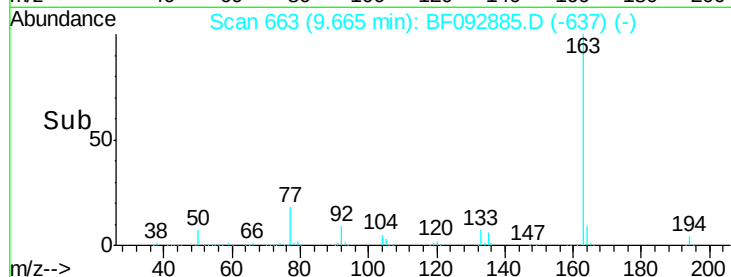
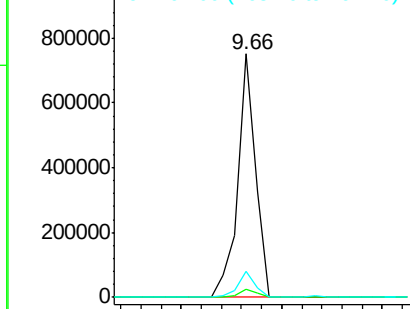
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	922340		
194	3.5		3.0	4.4
164	10.5		8.0	12.0

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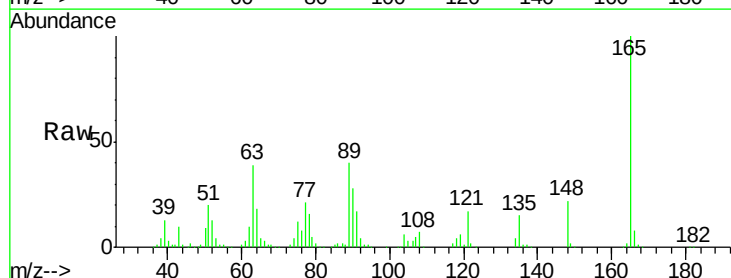


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

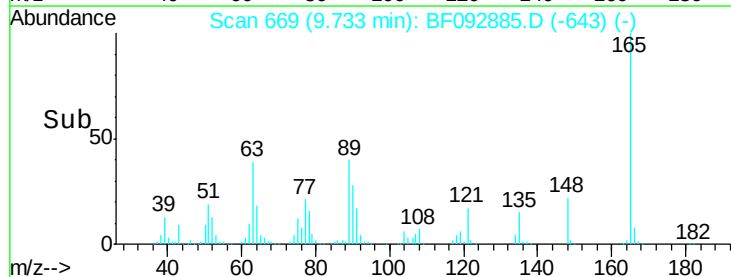
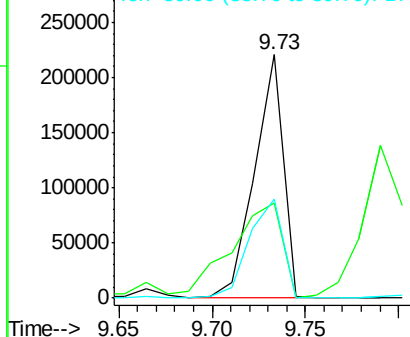


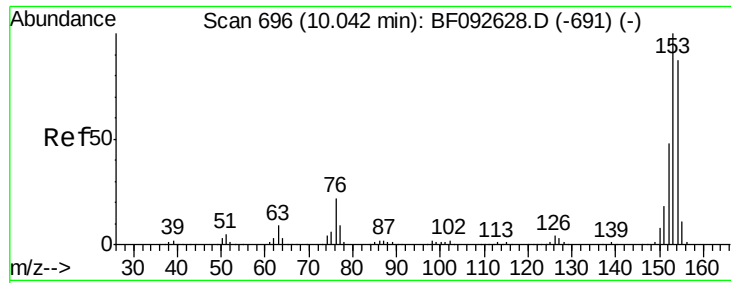
#50
2,6-Dinitrotoluene
Concen: 41.19 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	233968		
63	39.2		36.2	54.4
89	40.5		40.2	60.4



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





#51

Acenaphthene

Concen: 34.87 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

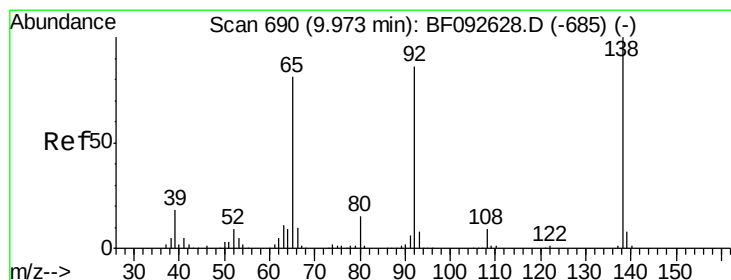
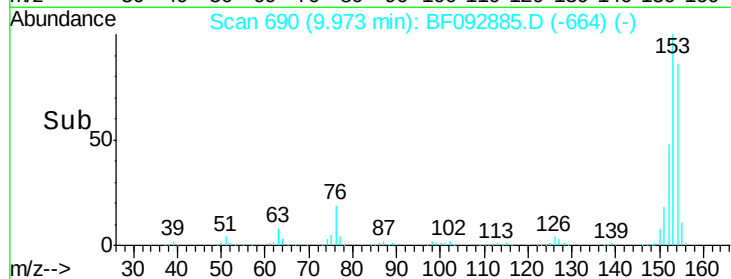
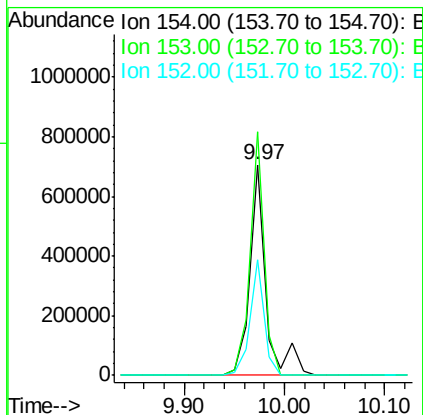
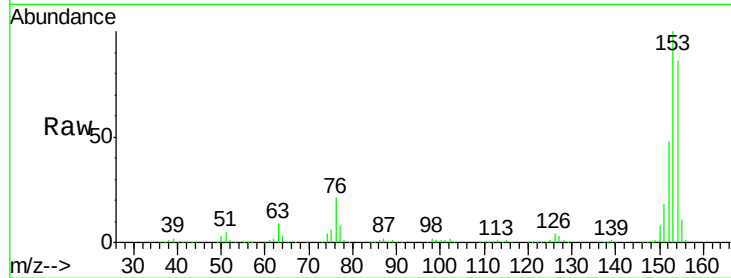
ClientSampleId :

PB96853BS

Tgt Ion:	154	Resp:	796722
Ion Ratio	Lower	Upper	
154	100		
153	115.6	88.6	133.0
152	55.0	41.6	62.4

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#52

3-Nitroaniline

Concen: 17.85 ng

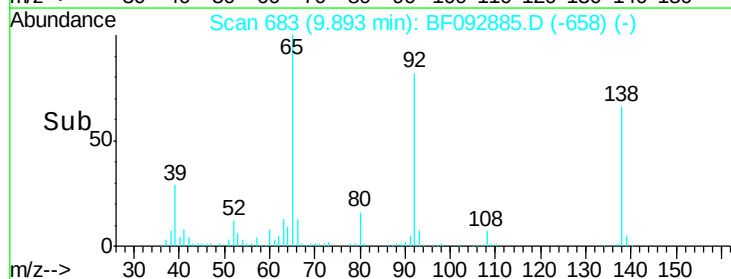
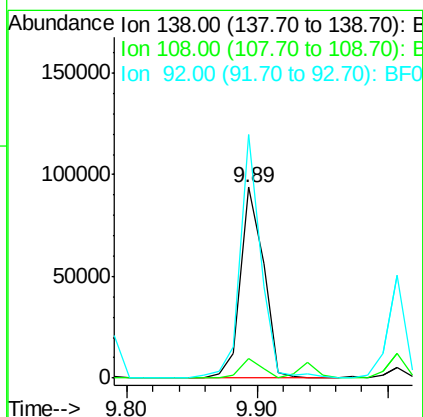
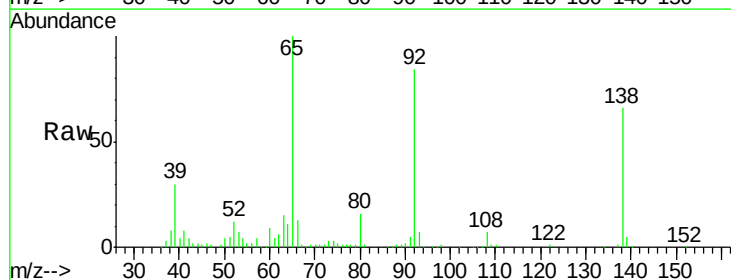
RT: 9.89 min Scan# 683

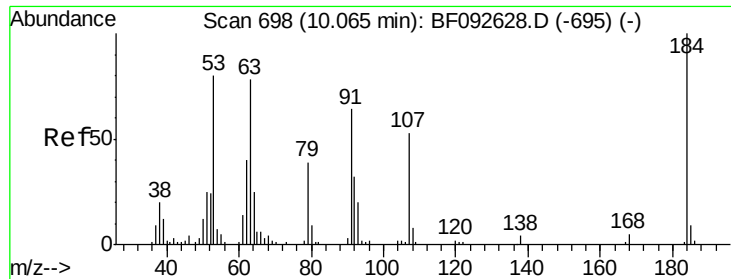
Delta R.T. -0.01 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:	138	Resp:	116032
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.5	12.7
92	127.8	97.8	146.8





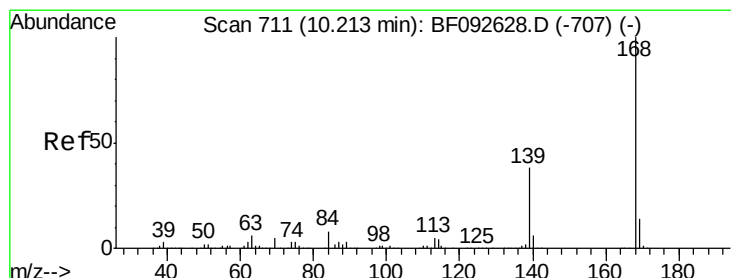
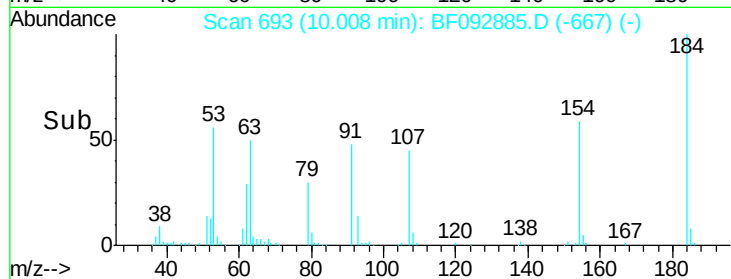
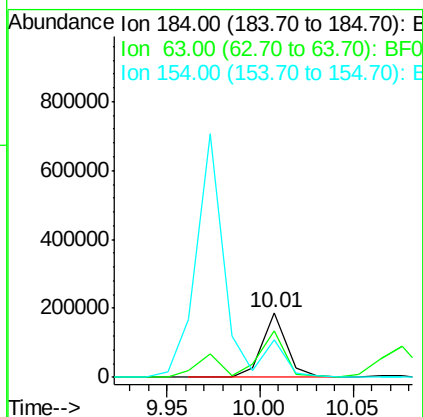
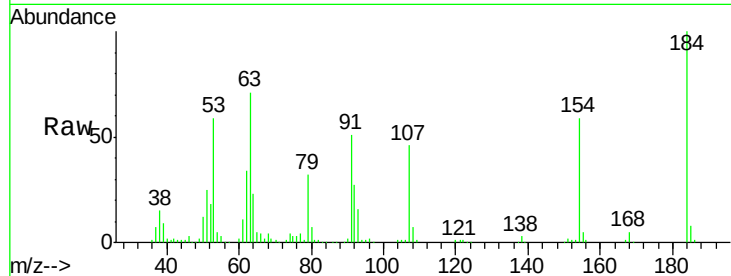
#53
 2,4-Dinitrophenol
 Concen: 61.13 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampled :
 PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	173210		
63	71.5	28.4	42.6#	
154	58.6	44.3	66.5	

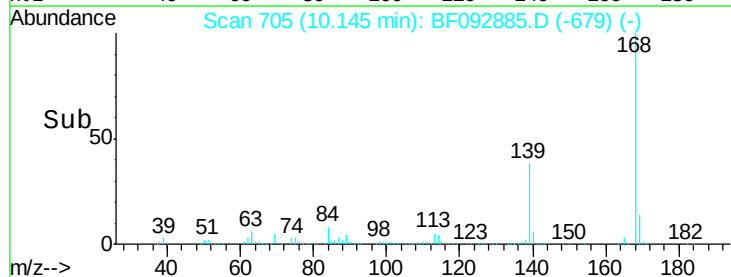
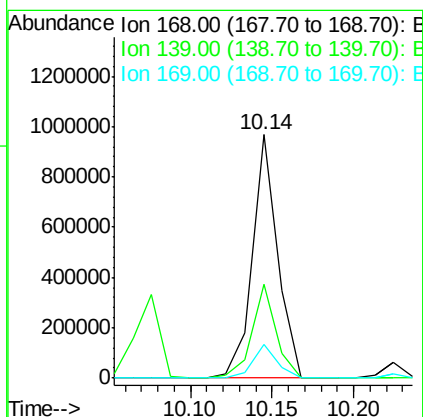
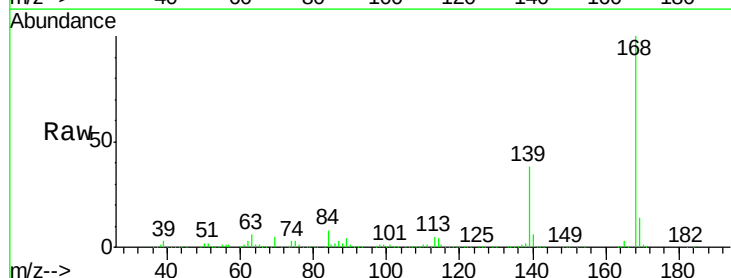
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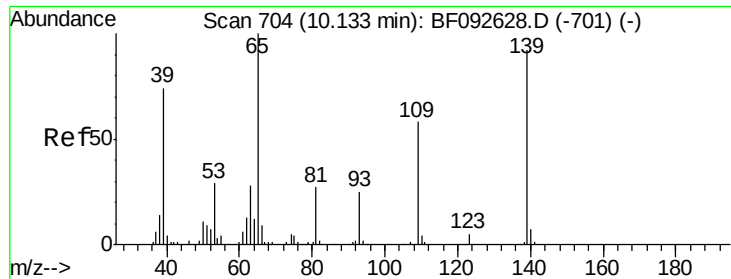
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#54
 Dibenzofuran
 Concen: 34.05 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1040505		
139	38.5	32.6	49.0	
169	13.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 76.99 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

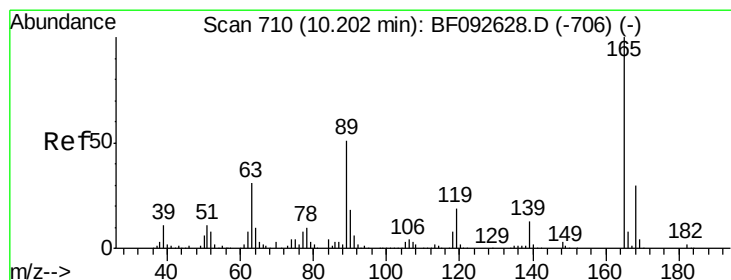
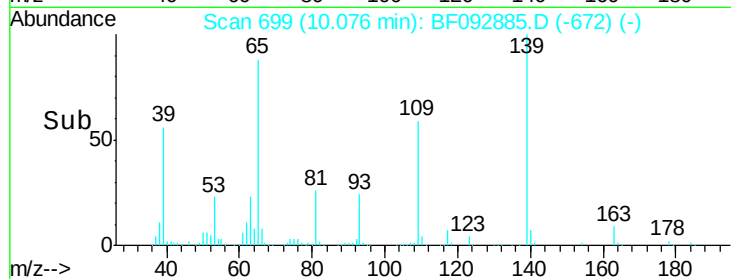
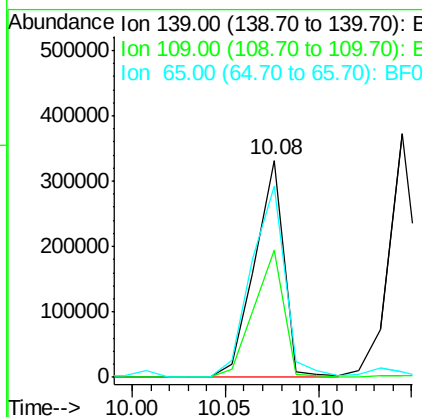
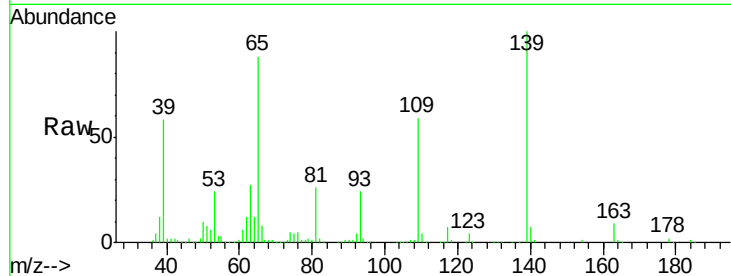
ClientSampleId :

PB96853BS

Tgt Ion:	139	Resp:	360489
Ion Ratio	Lower	Upper	
139	100		
109	58.5	52.2	92.2
65	87.8	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 35.17 ng

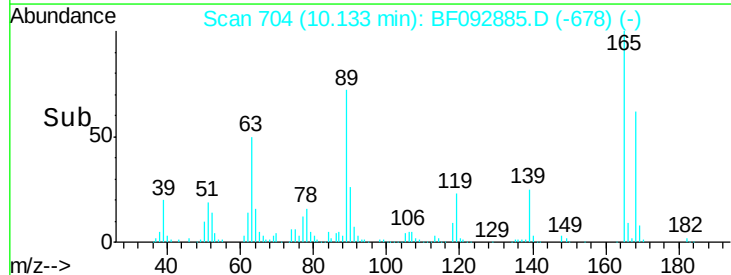
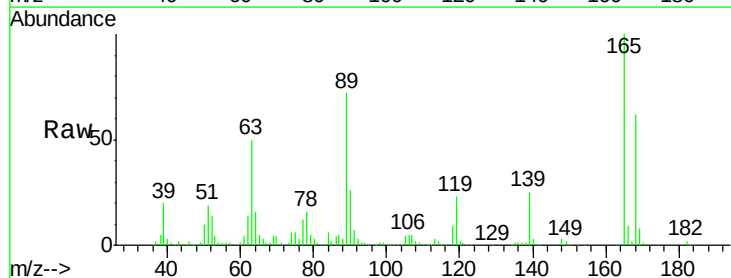
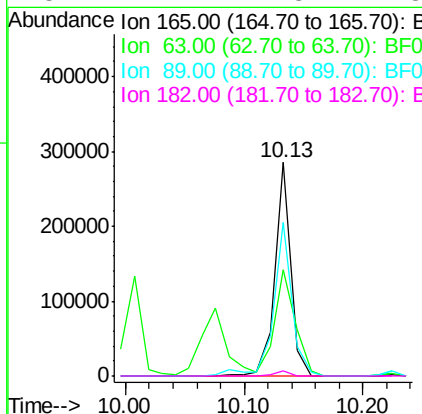
RT: 10.13 min Scan# 704

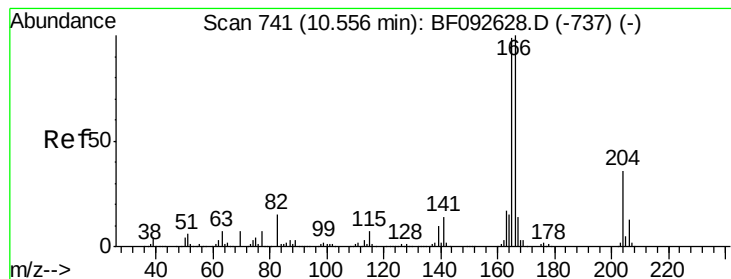
Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:	165	Resp:	265958
Ion Ratio	Lower	Upper	
165	100		
63	49.6	40.2	60.4
89	72.1	62.5	93.7
182	2.4	1.8	2.8





#57

Fluorene

Concen: 33.56 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

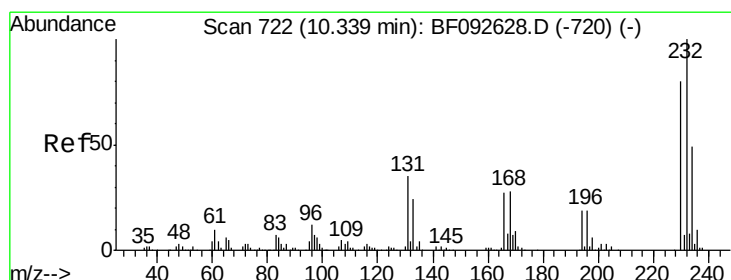
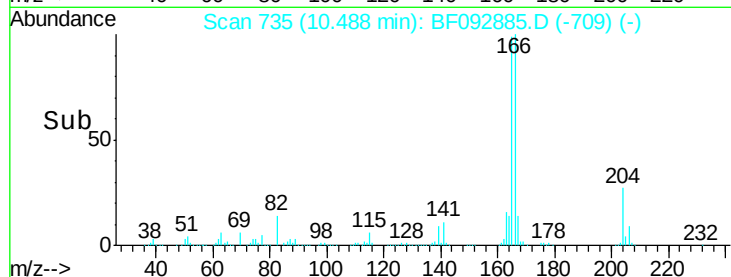
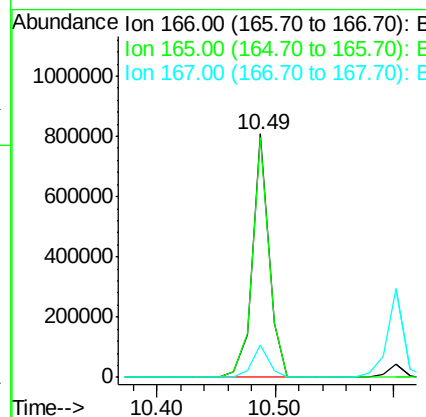
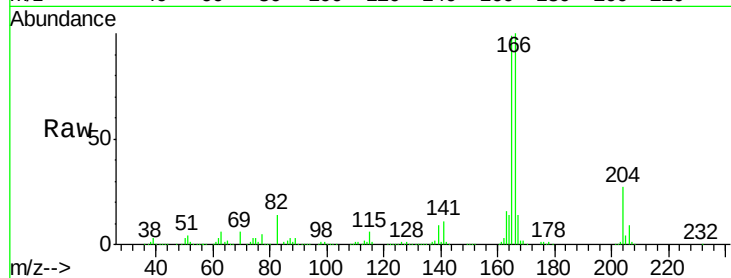
ClientSampled :

PB96853BS

Tgt Ion:	166	Resp:	789005
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.8	116.8
167	13.6	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.33 ng

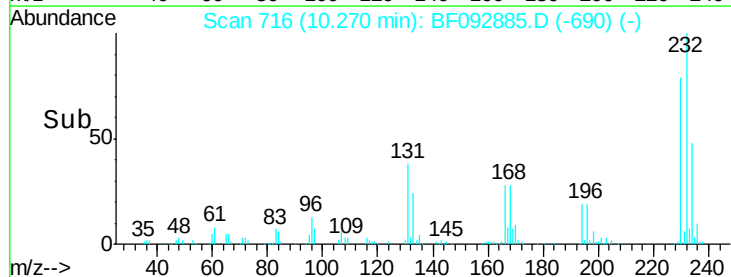
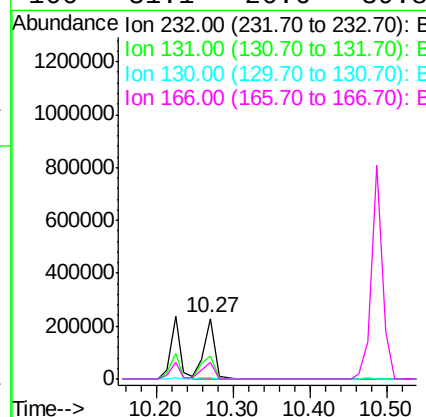
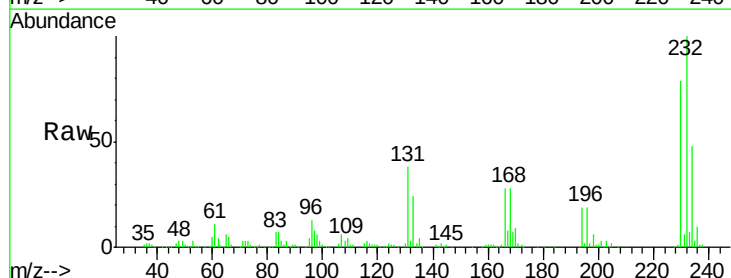
RT: 10.27 min Scan# 716

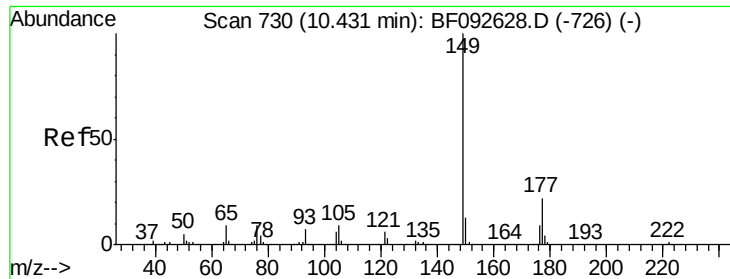
Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:	232	Resp:	222871
Ion Ratio	Lower	Upper	
232	100		
131	46.6	40.1	60.1
130	2.1	1.8	2.8
166	31.1	26.6	39.8





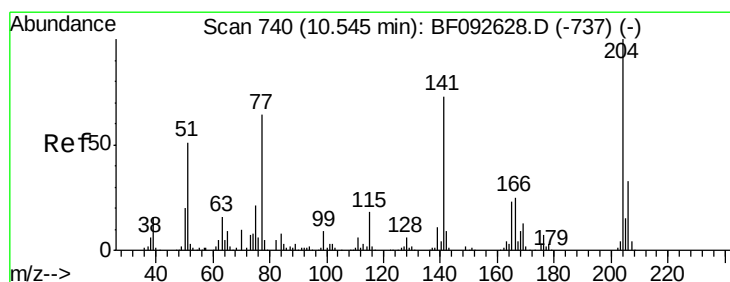
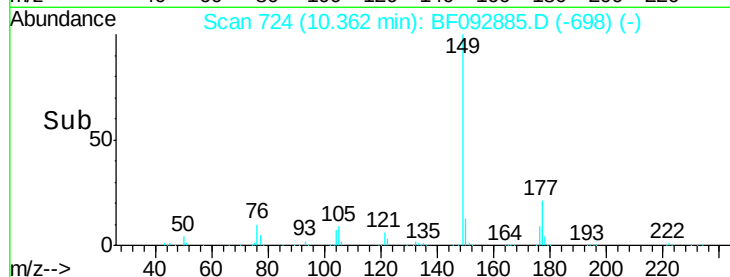
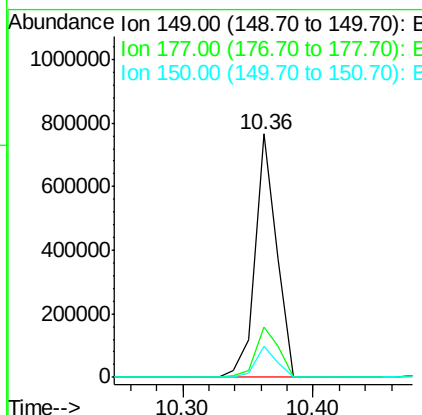
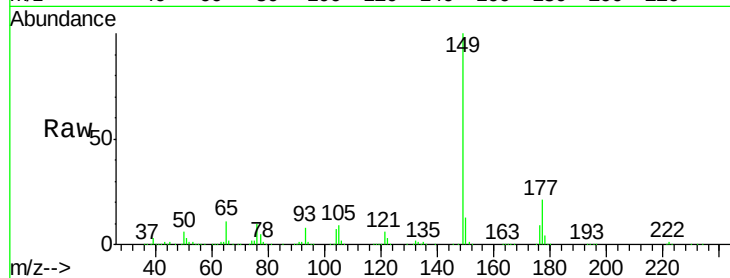
#59
Diethylphthalate
Concen: 35.42 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampled :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	878044		
177	20.9	16.6	25.0	
150	12.8	10.4	15.6	

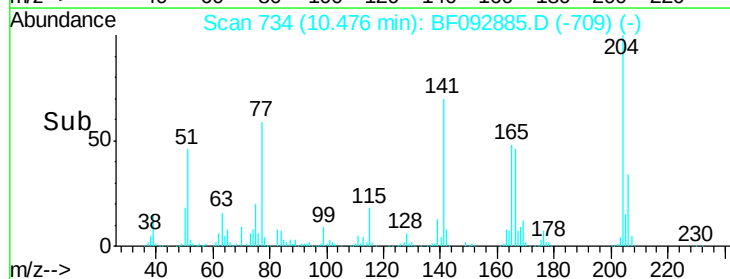
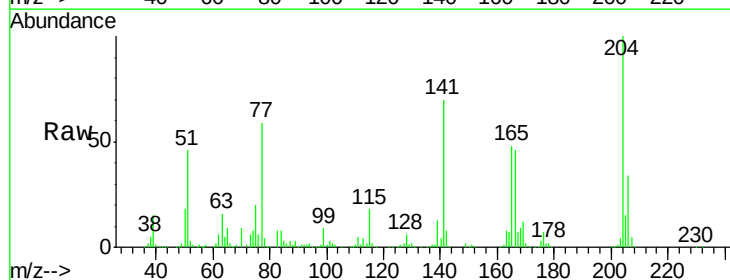
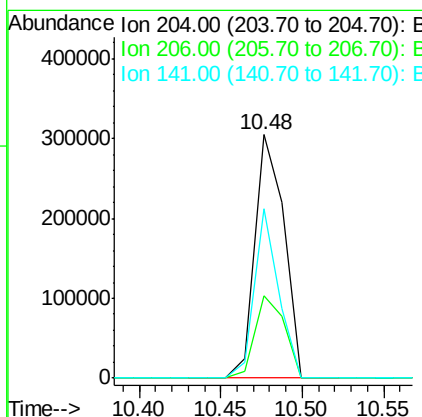
Manual Integrations
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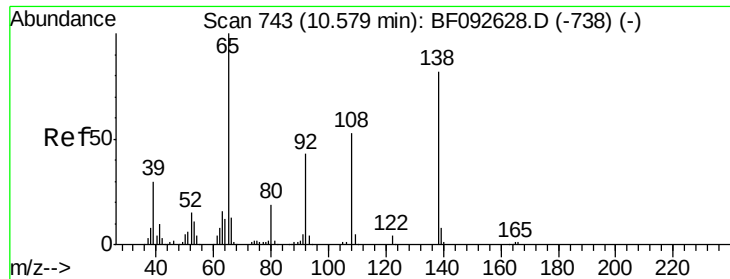
mohammad
2/13/2017 12:40:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.50 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	378326		
206	33.8	25.8	38.6	
141	69.6	59.4	89.0	





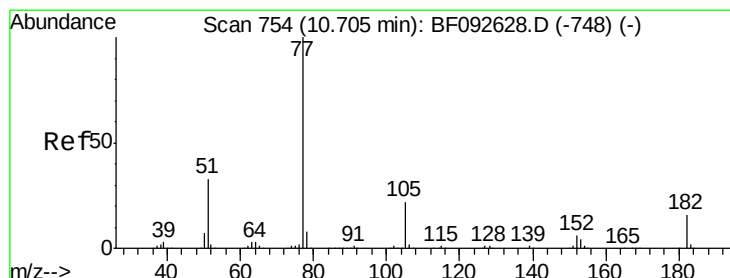
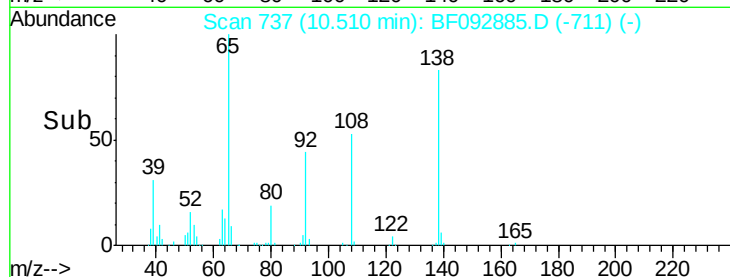
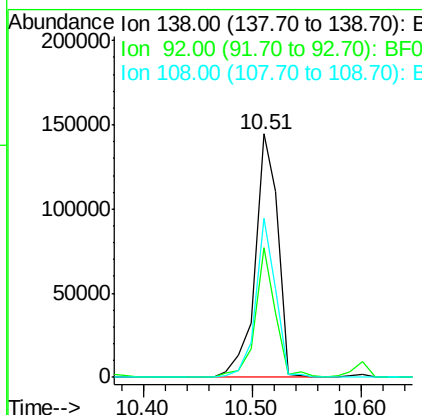
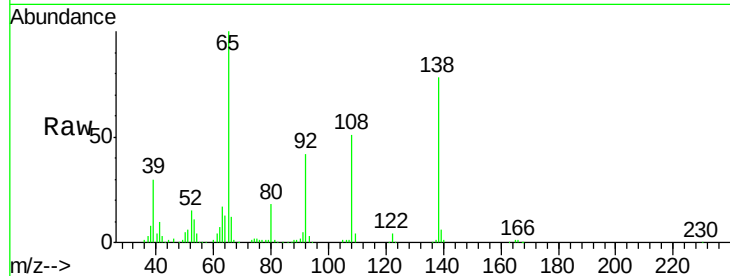
#61
4-Nitroaniline
Concen: 31.85 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	212079		
92	53.3	31.7	71.7	
108	65.4	52.6	92.6	

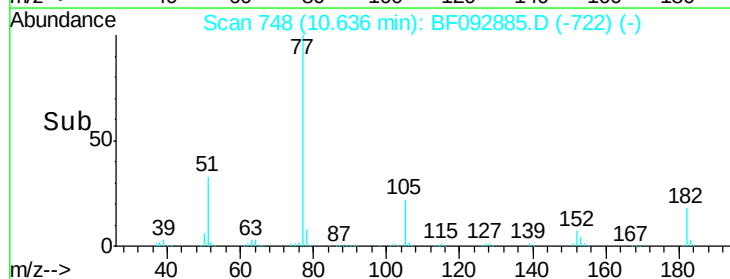
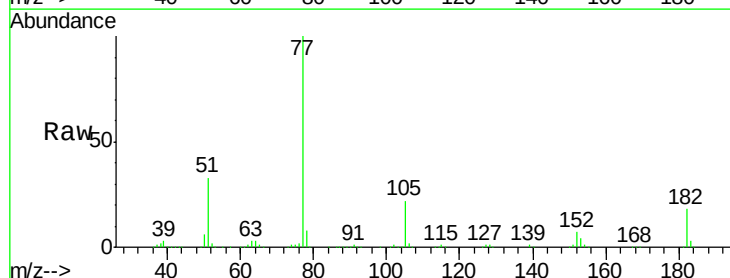
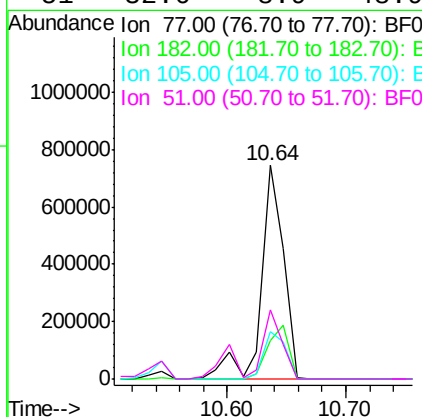
Manual Integrations
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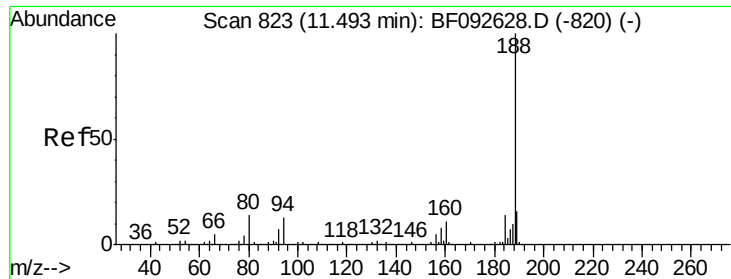
mohammad
2/13/2017 12:40:33 PM



#62
Azobenzene
Concen: 38.39 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	983212		
182	18.2	0.0	39.3	
105	22.1	2.3	42.3	
51	32.6	8.9	48.9	





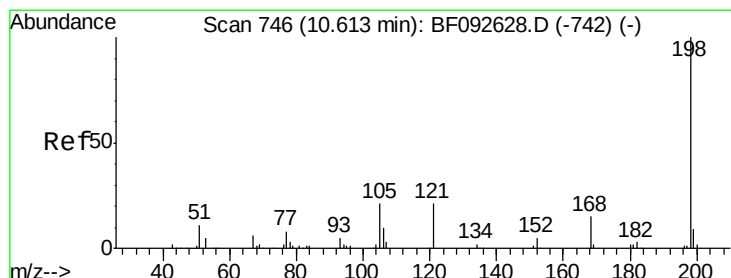
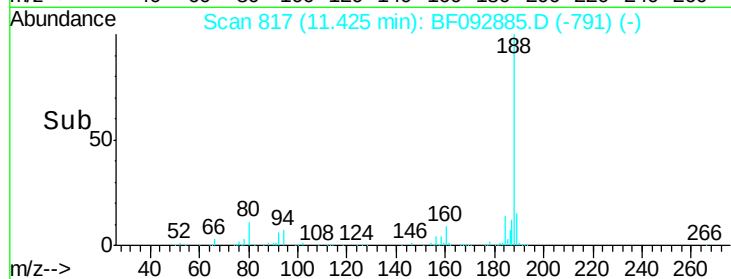
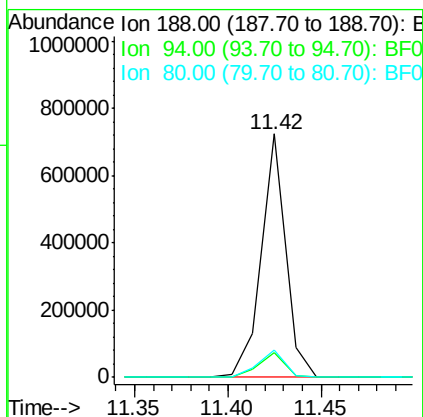
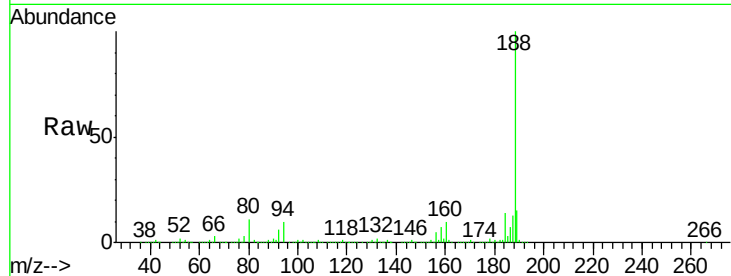
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	654017		
94	10.4	10.0	15.0	
80	11.1	11.2	16.8	

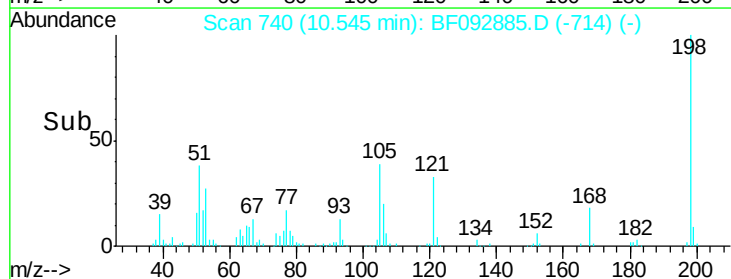
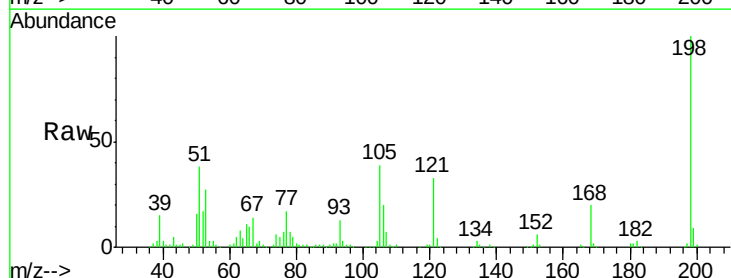
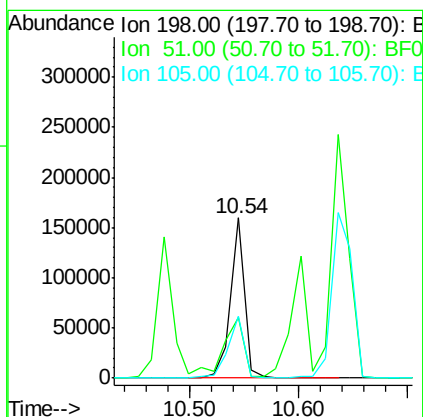
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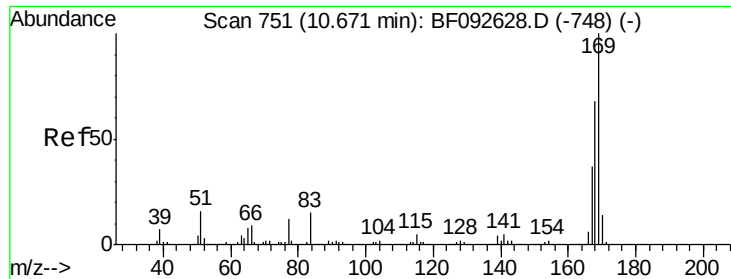
mohammad
2/13/2017 12:40:33 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.31 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	141823		
51	37.9	6.7	46.7	
105	38.9	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 35.22 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

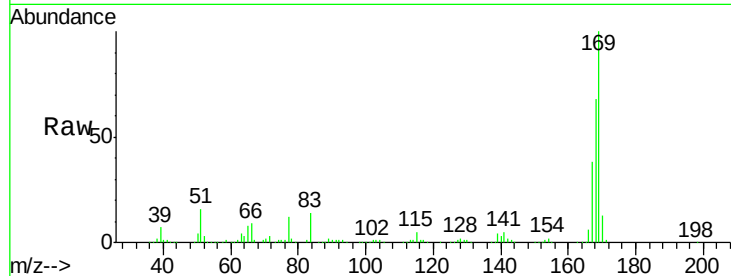
ClientSampleId :

PB96853BS

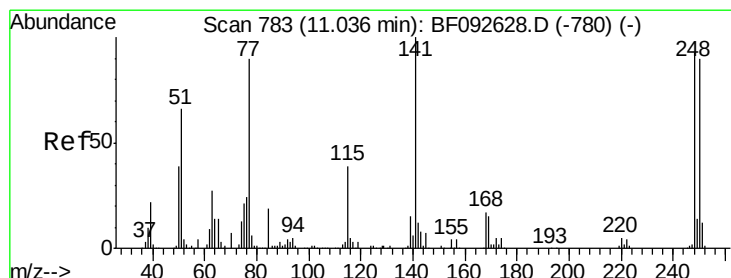
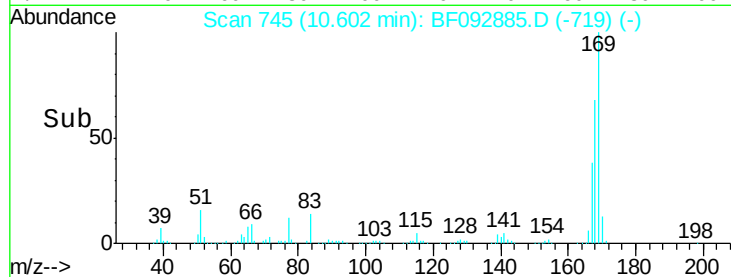
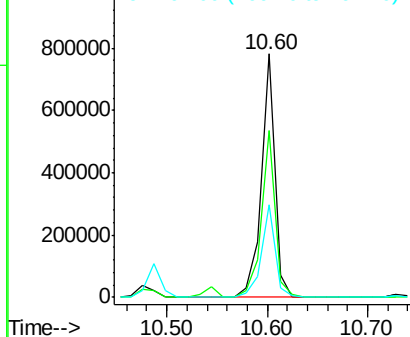
Tgt Ion:	169	Resp:	735883
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.2	81.2
167	37.8	30.2	45.4

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.17 ng

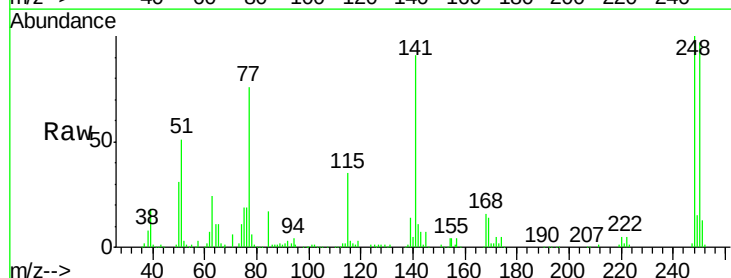
RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

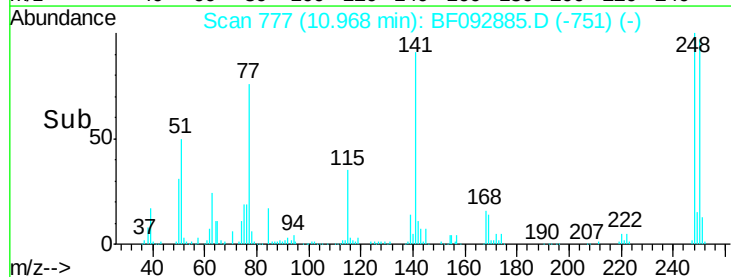
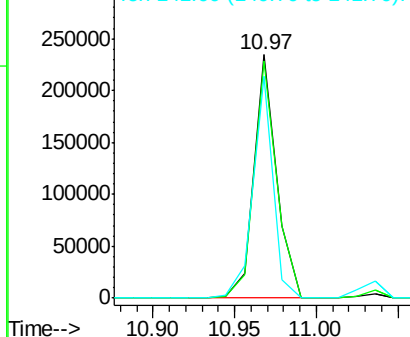
Lab File: BF092885.D

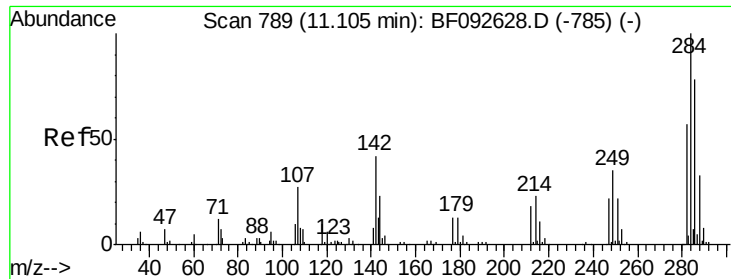
Acq: 10 Feb 2017 16:18

Tgt Ion:	248	Resp:	226666
Ion Ratio	Lower	Upper	
248	100		
250	97.3	76.9	115.3
141	91.3	68.2	102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





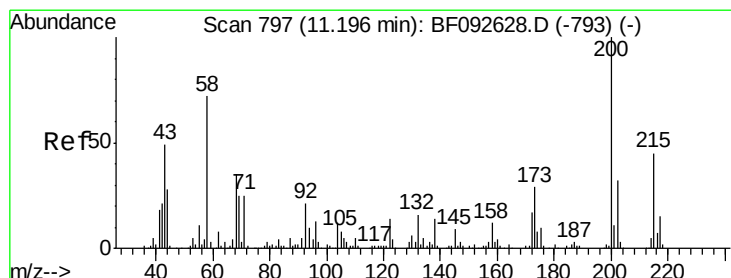
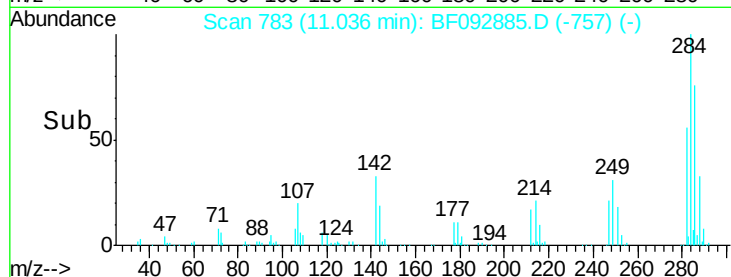
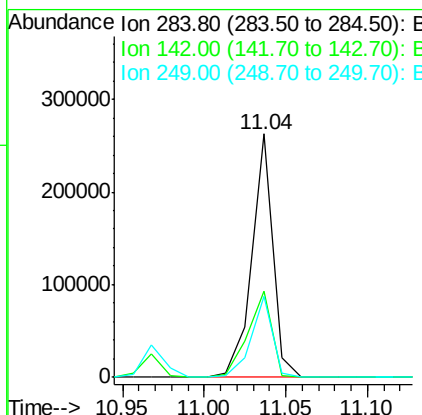
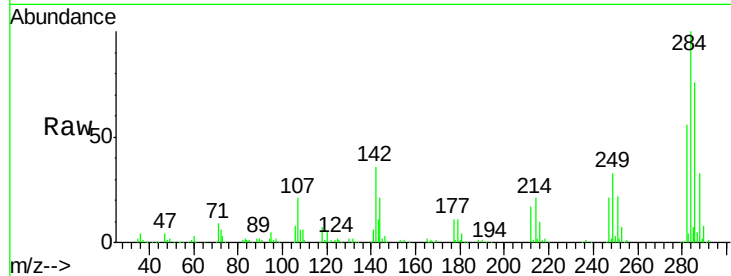
#67
Hexachlorobenzene
Concen: 34.82 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.6	22.6	33.8#
249	33.3	25.4	38.0

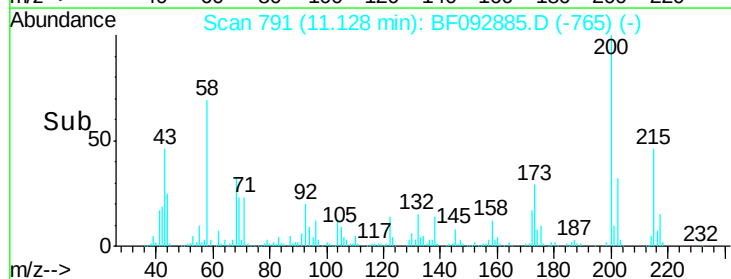
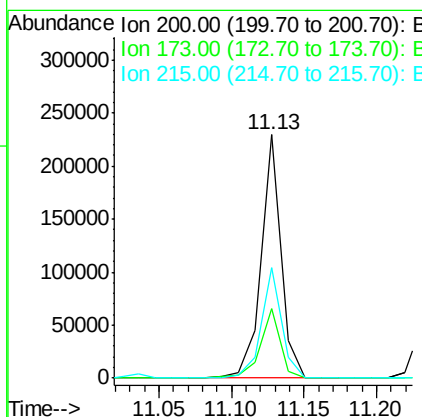
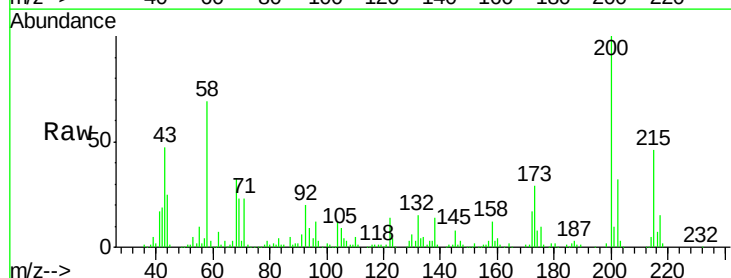
Manual Integrations
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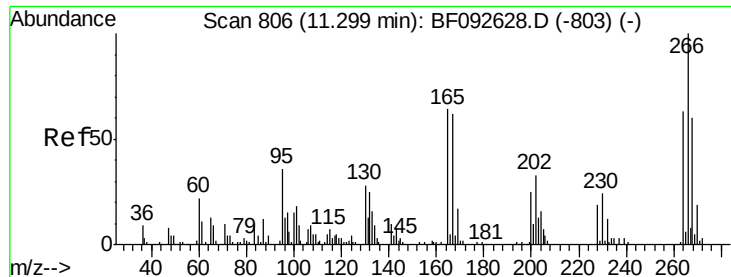
mohammad
2/13/2017 12:40:33 PM



#68
Atrazine
Concen: 32.42 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.5	9.6	49.6
215	45.5	25.7	65.7





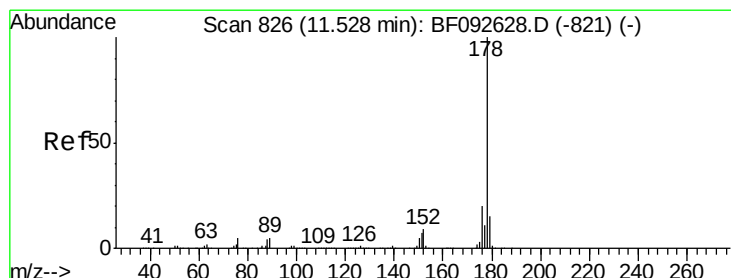
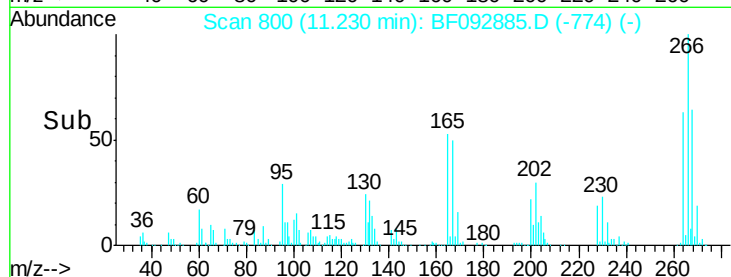
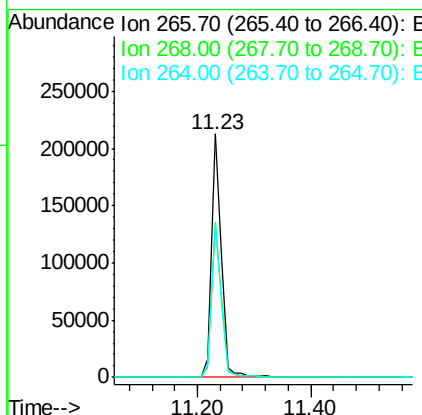
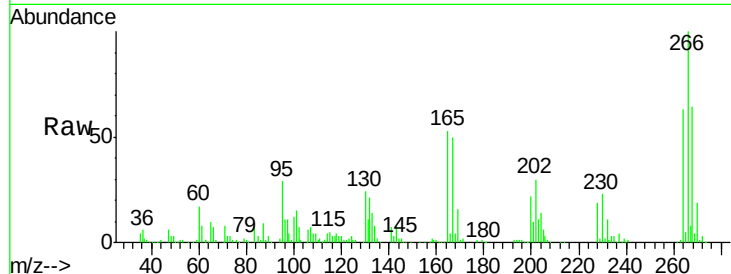
#69
 Pentachlorophenol
 Concen: 71.71 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	247106		
268	63.5	53.3	79.9	
264	63.1	50.3	75.5	

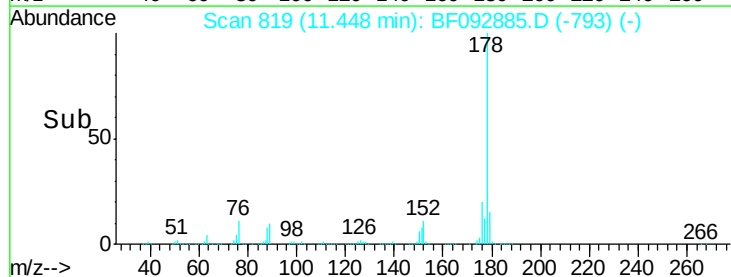
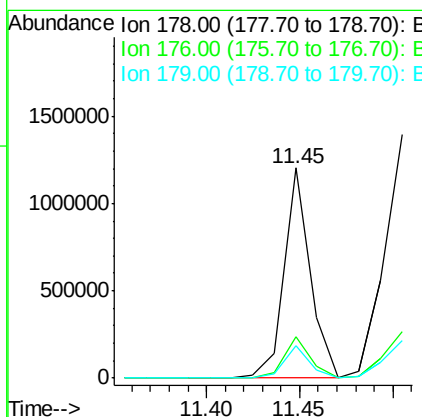
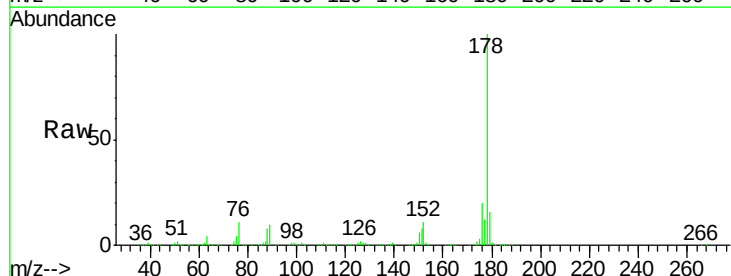
Manual Integrations
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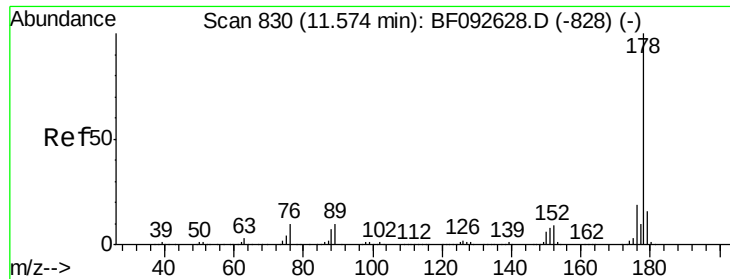
mohammad
 2/13/2017 12:40:33 PM



#70
 Phenanthrene
 Concen: 31.31 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1173152		
176	19.7	16.6	25.0	
179	15.7	12.8	19.2	





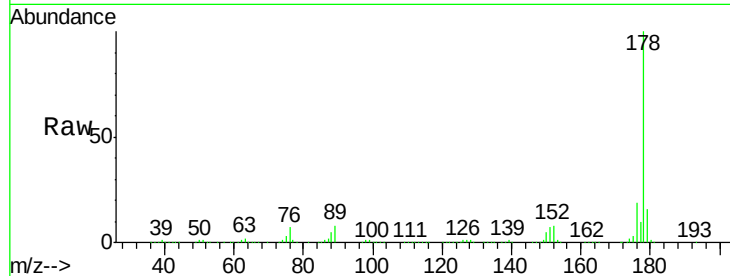
#71
 Anthracene
 Concen: 36.90 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

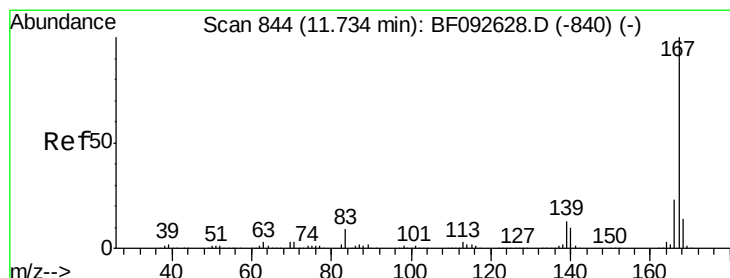
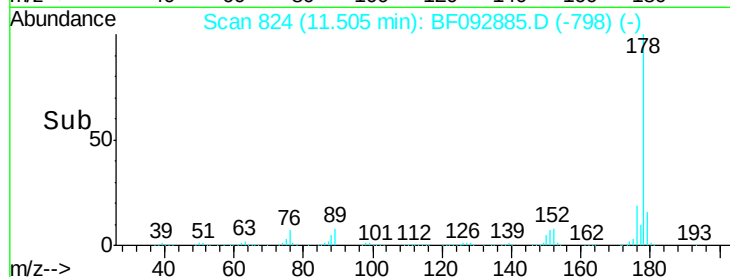
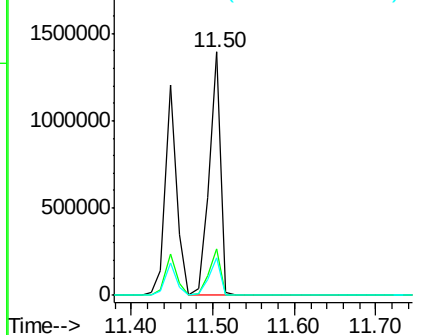
Tgt Ion:178 Resp: 1388502
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.6 13.2 19.8

Manual Integrations
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 2/13/2017 12:40:33 PM



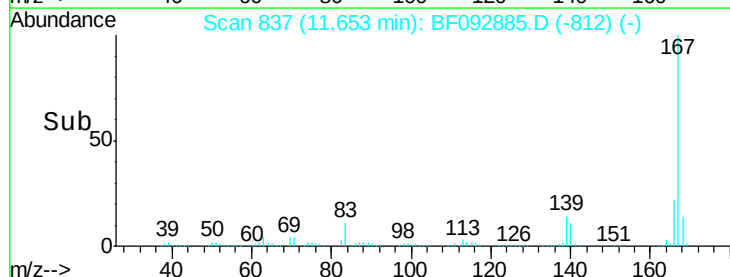
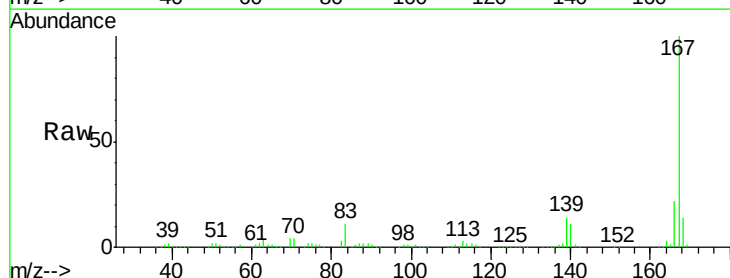
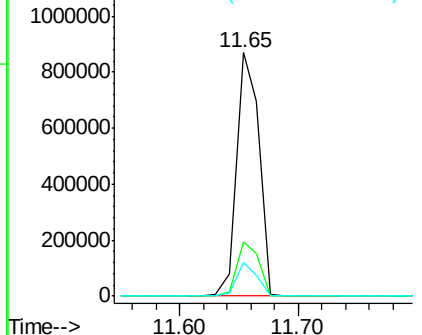
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

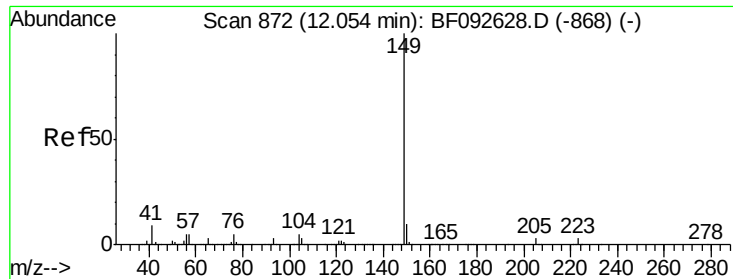


#72
 Carbazole
 Concen: 31.79 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:167 Resp: 1143300
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.8 11.4 17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





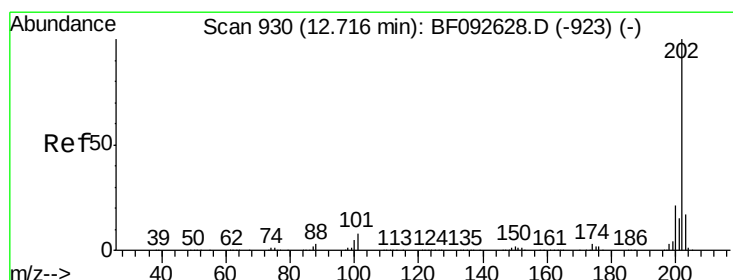
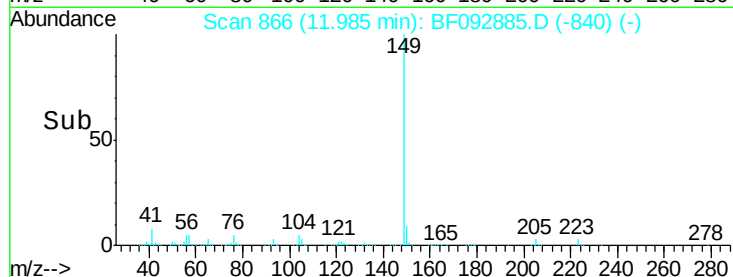
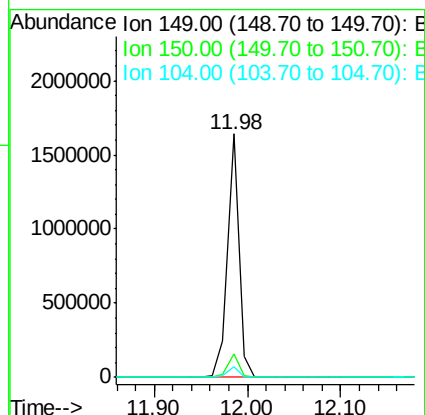
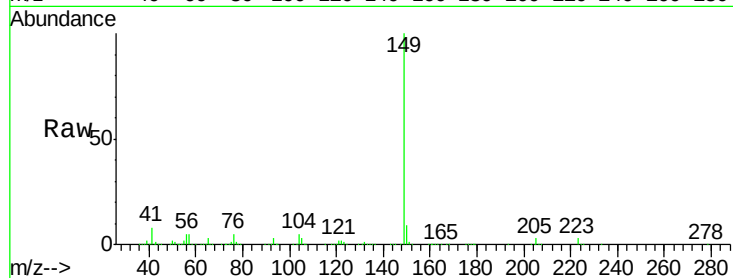
#73
Di-n-butylphthalate
Concen: 36.01 ng
RT: 11.98 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion:149 Resp: 1400935
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 4.5 4.6 7.0#

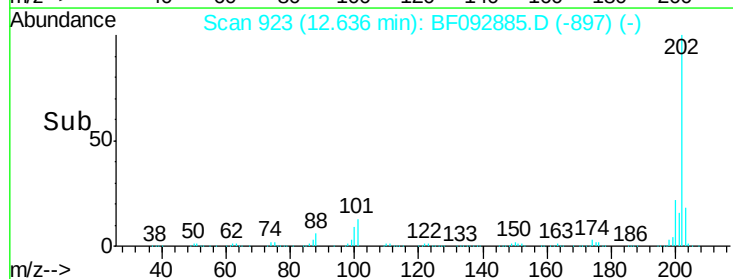
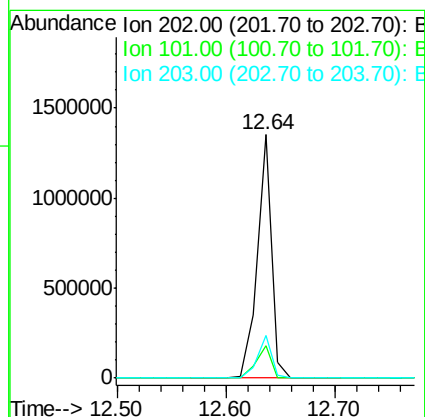
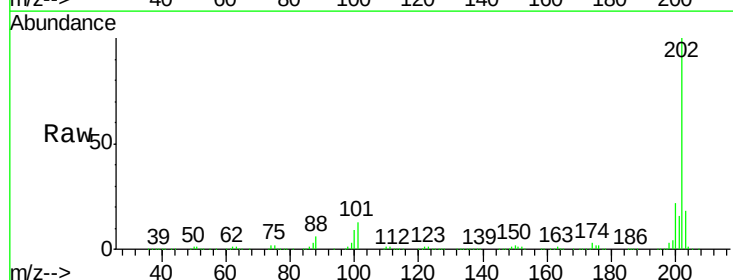
Manual Integrations
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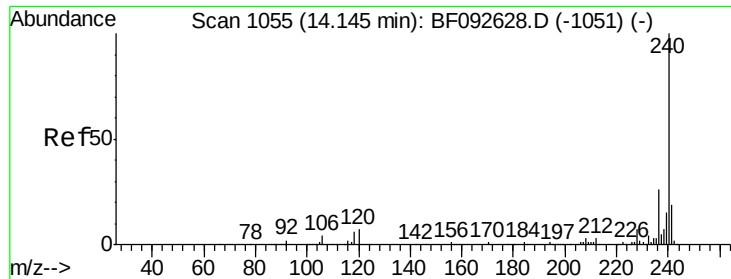
mohammad
2/13/2017 12:40:33 PM



#74
Fluoranthene
Concen: 32.21 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:202 Resp: 1244917
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.6
203 17.7 0.0 38.7





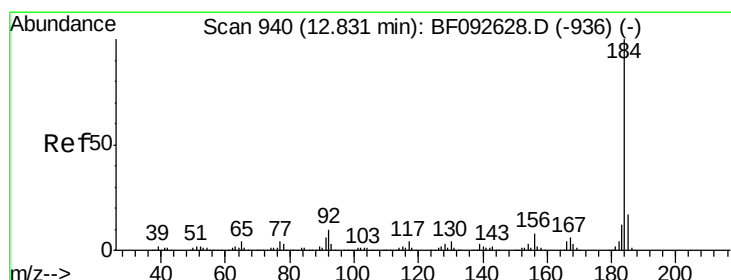
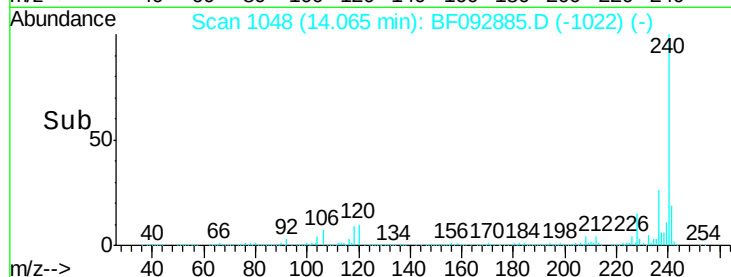
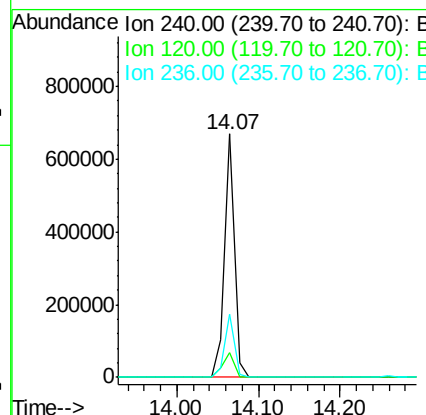
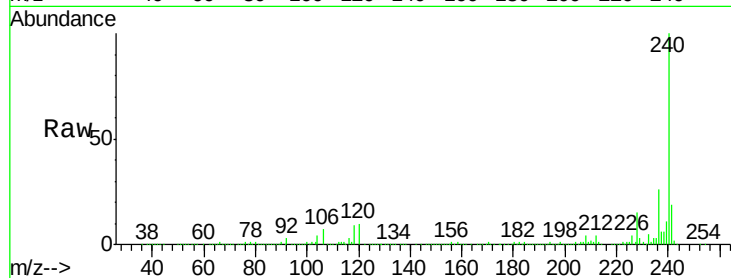
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	565606		
120	10.4	12.9	19.3	
236	25.9	20.9	31.3	

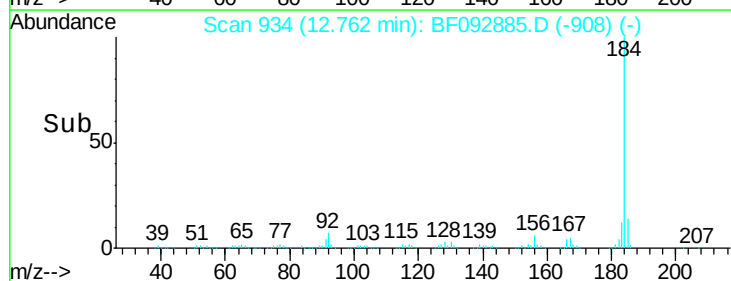
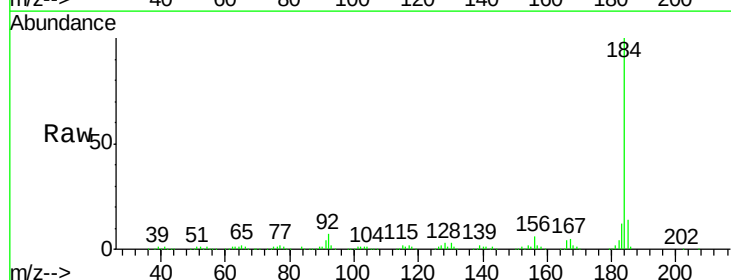
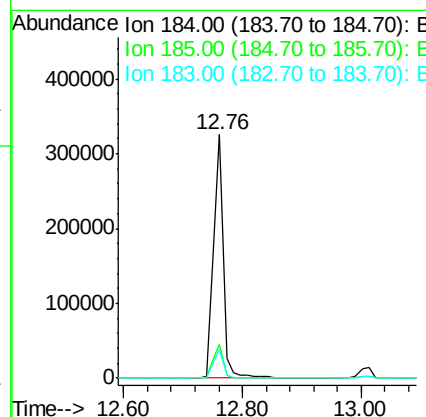
Manual Integrations
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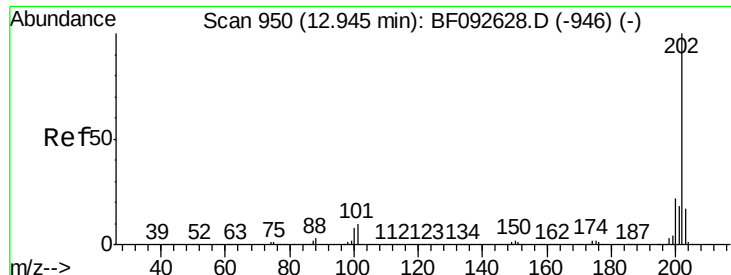
mohammad
2/13/2017 12:40:33 PM



#76
Benzidine
Concen: 15.49 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	373328		
185	14.1	13.4	20.0	
183	12.0	9.2	13.8	





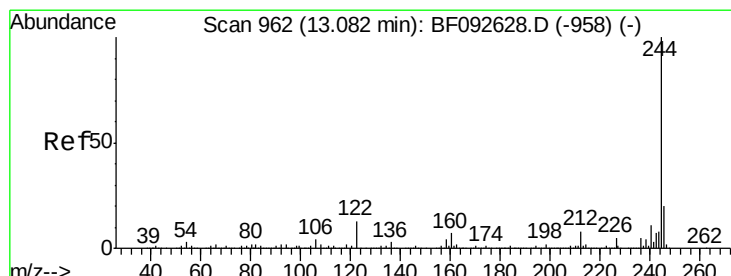
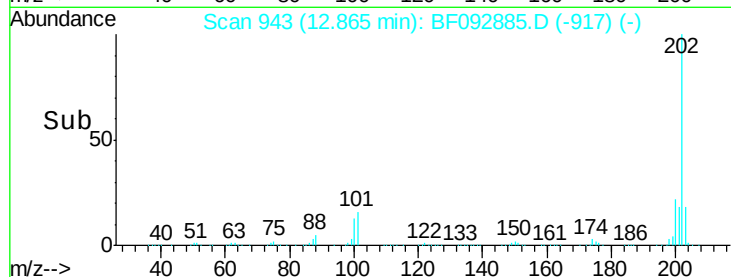
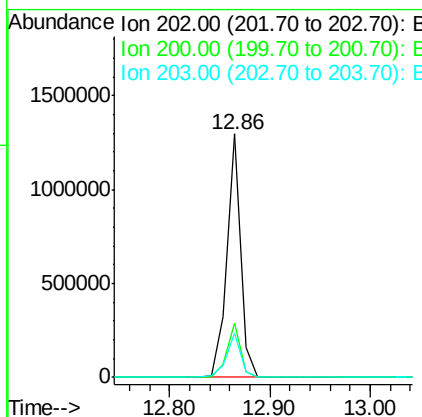
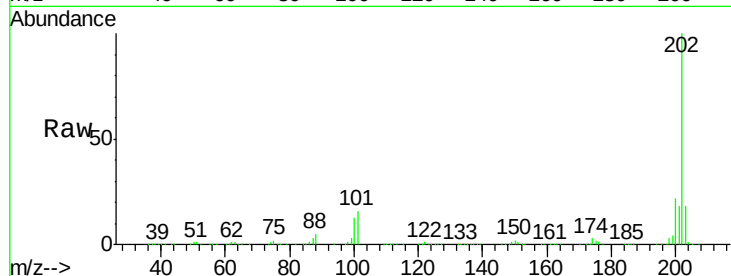
#77
Pyrene
 Concen: 29.28 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.2	14.7	22.1

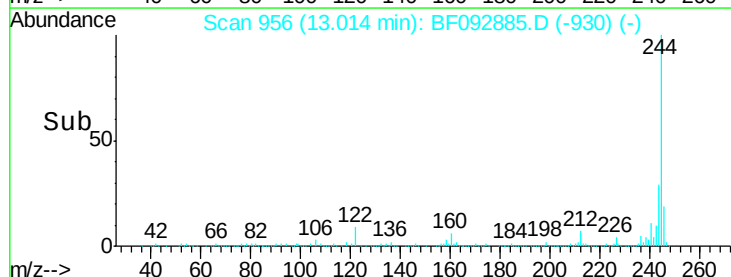
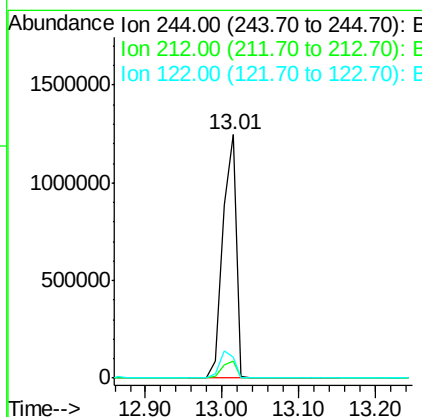
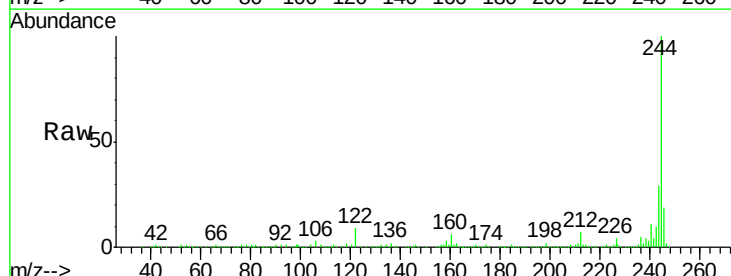
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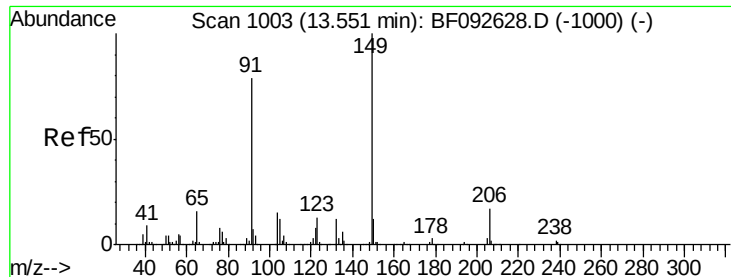
mohammad
 2/13/2017 12:40:33 PM



#78
Terphenyl-d14
 Concen: 64.03 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.7	11.4	17.2





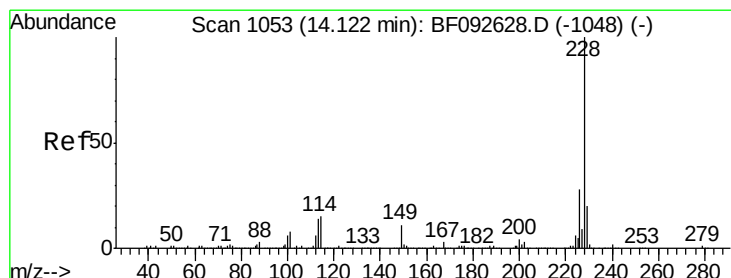
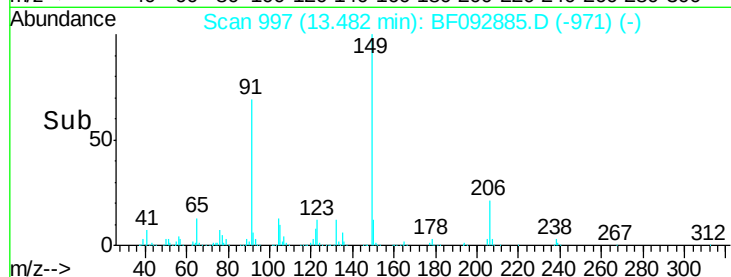
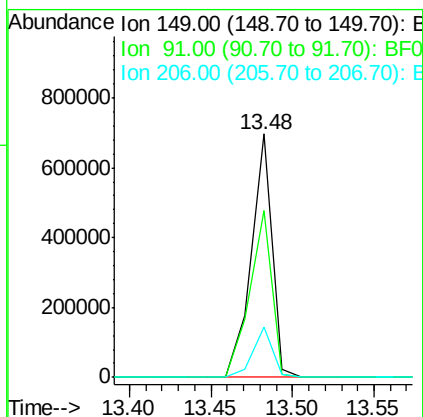
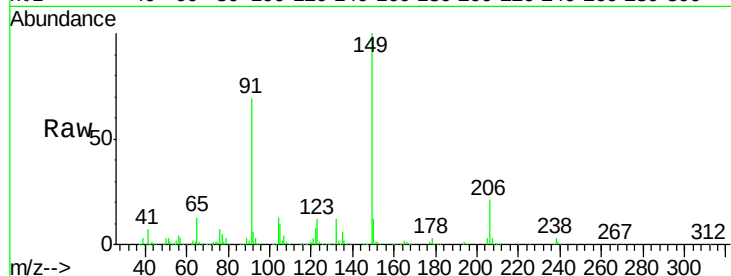
#79
Butylbenzylphthalate
Concen: 36.00 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	618877		
91	68.7	63.9	95.9	
206	20.7	14.6	21.8	

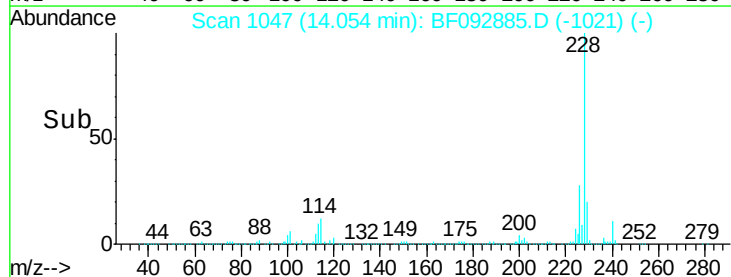
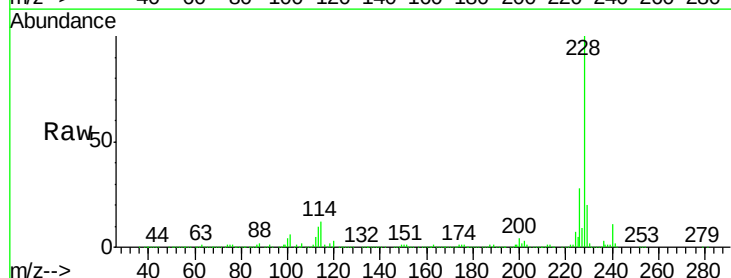
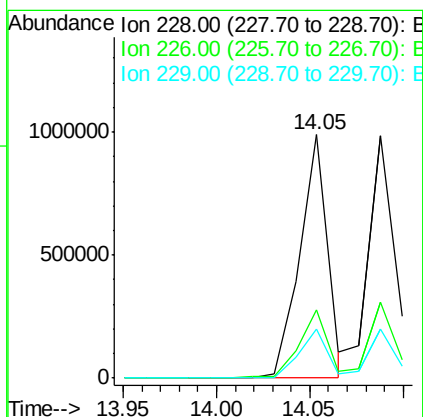
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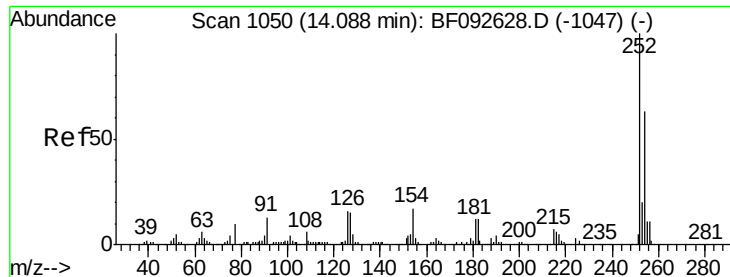
mohammad
2/13/2017 12:40:33 PM



#80
Benzo(a)anthracene
Concen: 29.87 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1033250		
226	28.2	22.4	33.6	
229	20.4	16.2	24.4	





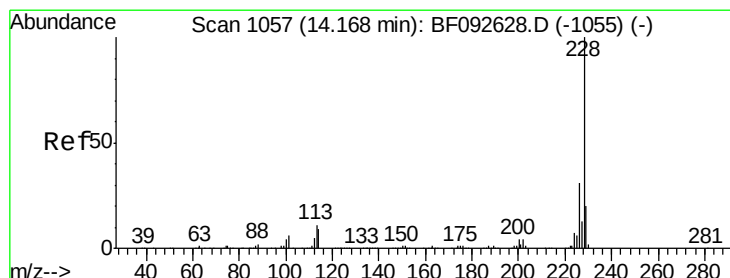
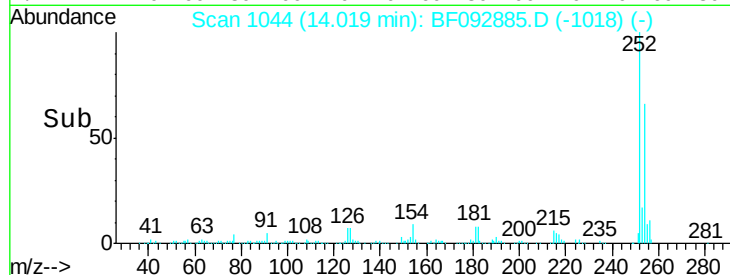
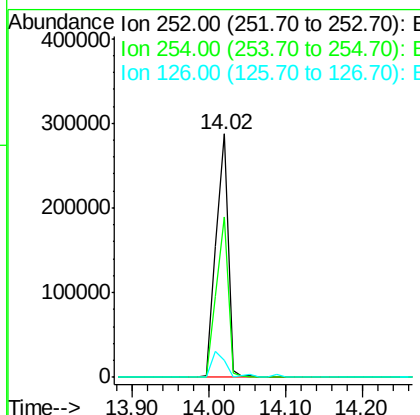
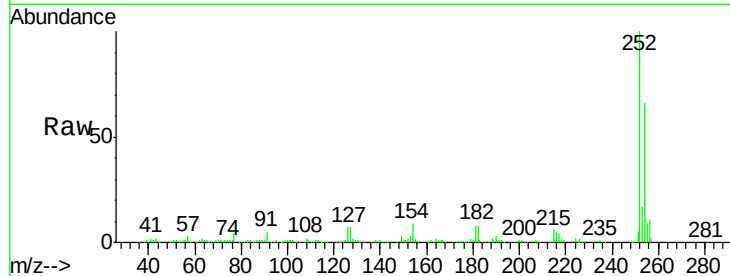
#81
 3,3'-Dichlorobenzidine
 Concen: 25.50 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	314442		
254	66.0	52.3	78.5	
126	7.2	13.6	20.4	

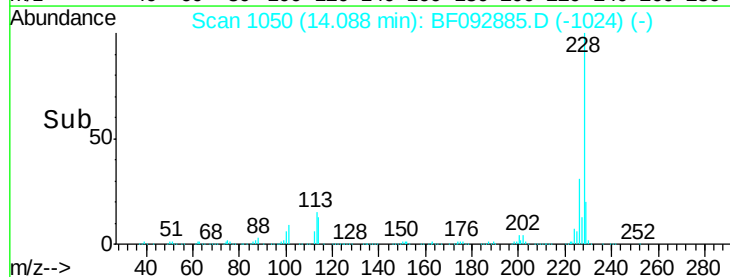
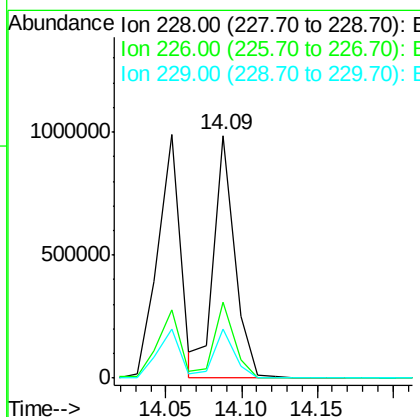
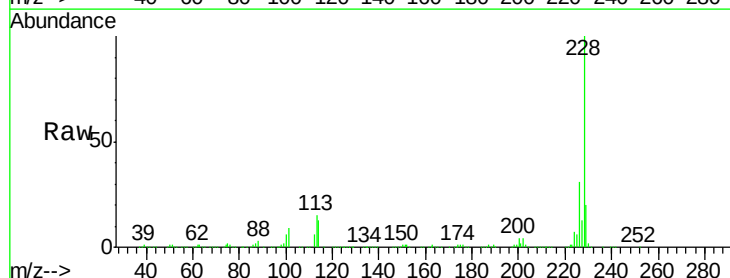
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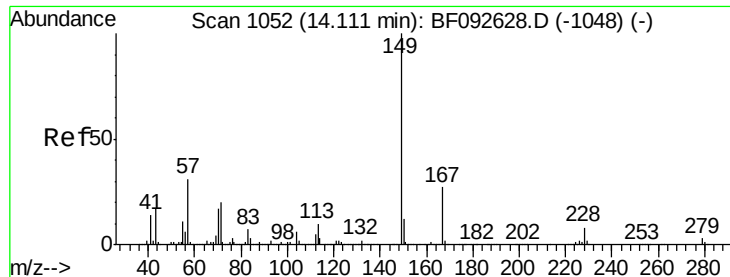
mohammad
 2/13/2017 12:40:33 PM



#82
 Chrysene
 Concen: 29.59 ng m
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	958394		
226	31.3	25.4	38.0	
229	20.1	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.42 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

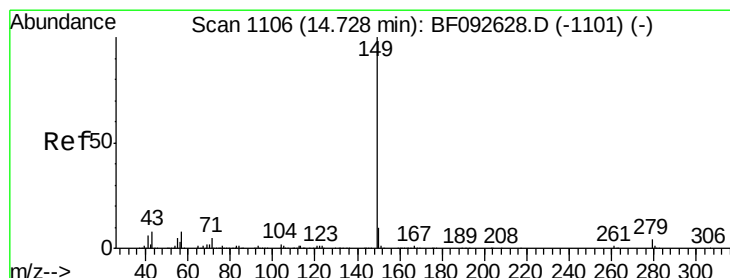
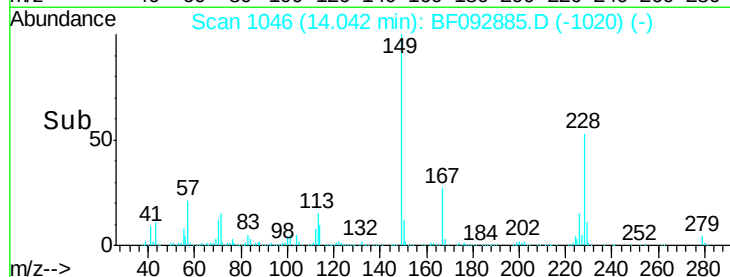
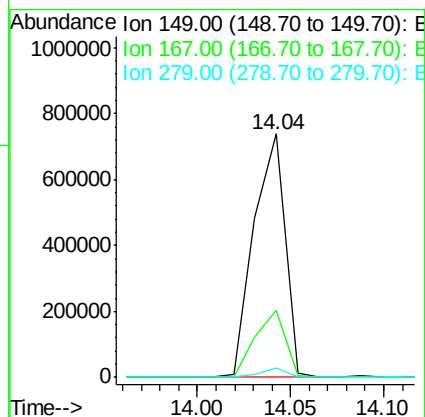
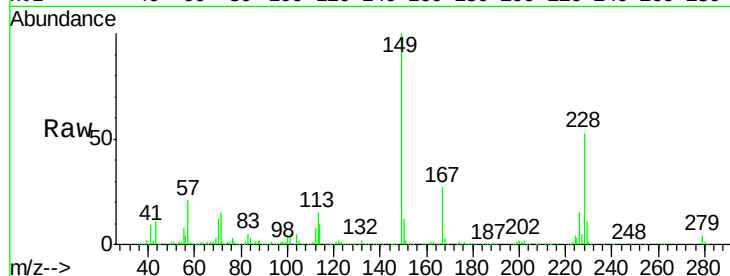
ClientSampleId :

PB96853BS

Tgt Ion:	149	Resp:	856234
Ion Ratio	Lower	Upper	
149	100		
167	27.3	20.2	30.4
279	4.1	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 35.70 ng

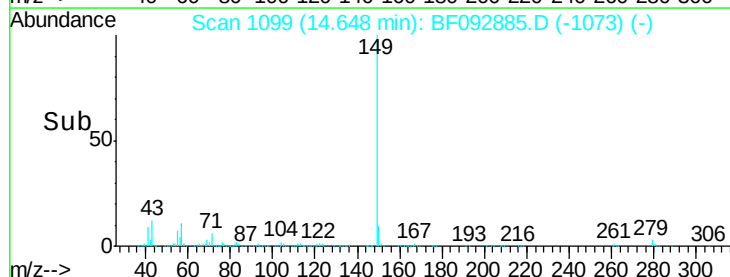
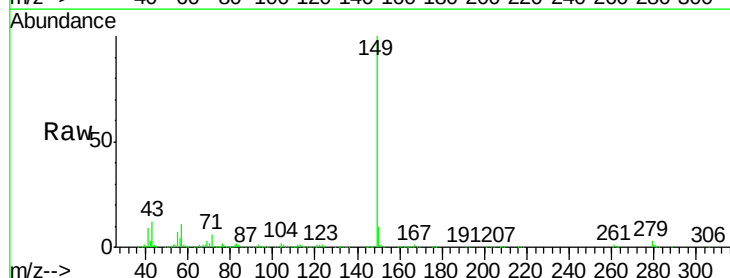
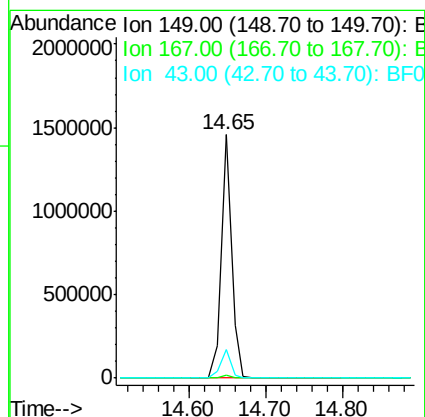
RT: 14.65 min Scan# 1099

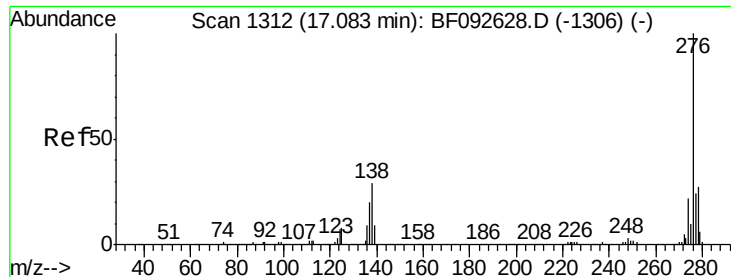
Delta R.T. -0.00 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:	149	Resp:	1366669
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.7	8.9	13.3





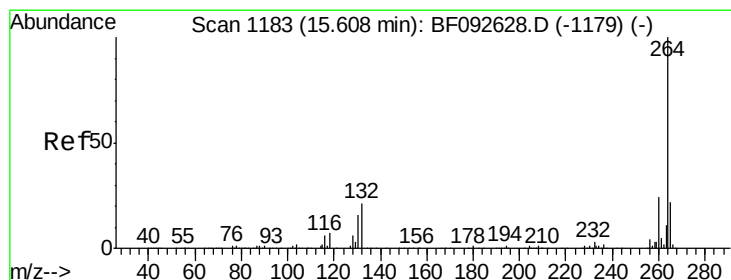
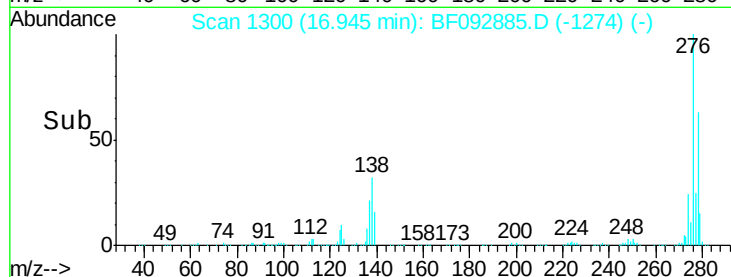
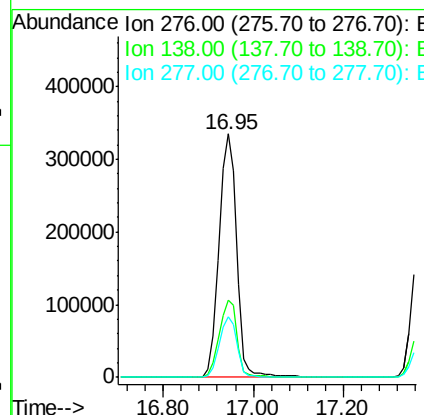
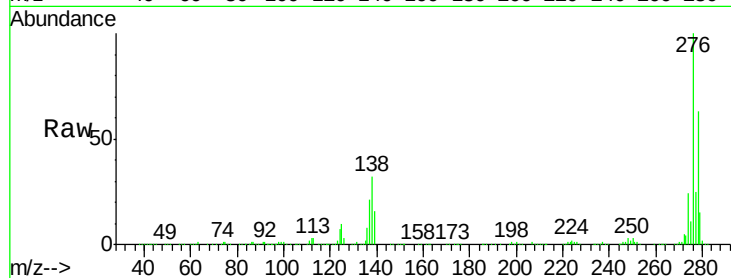
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.60 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	918100		
138	32.2	21.8	32.6	
277	24.9	20.2	30.4	

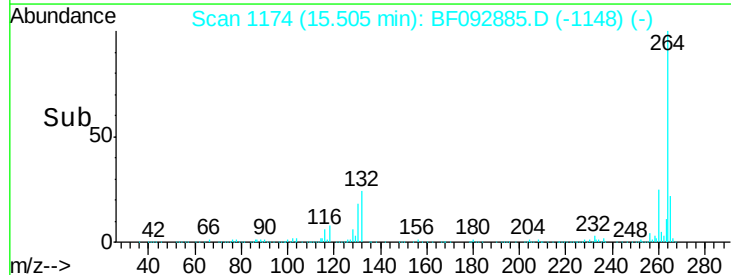
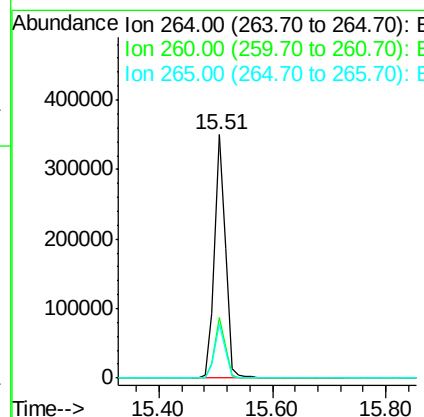
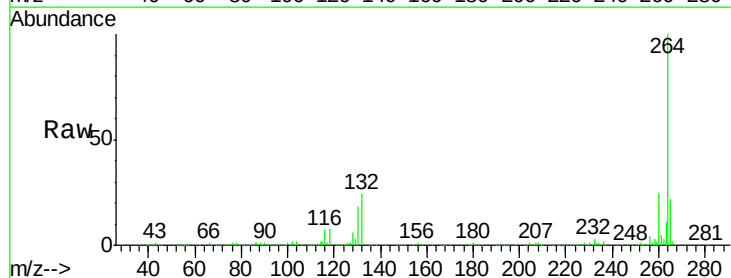
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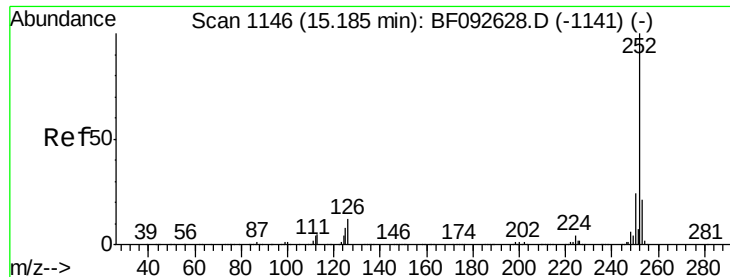
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	453212		
260	24.7	19.2	28.8	
265	22.1	17.4	26.0	





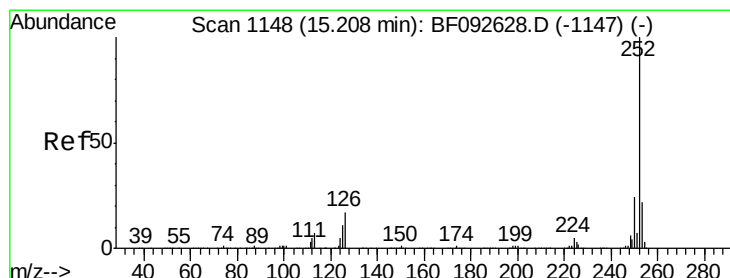
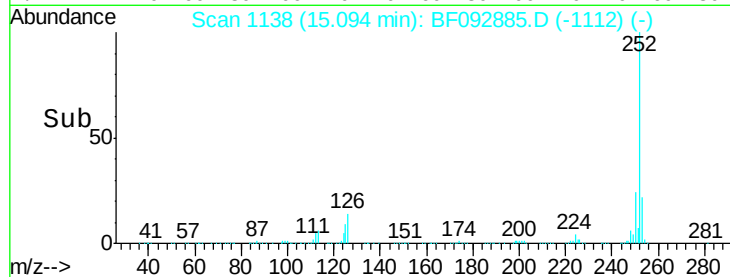
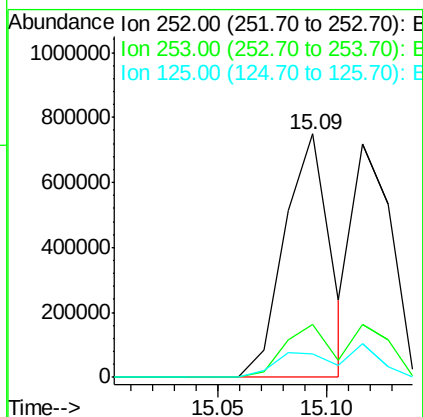
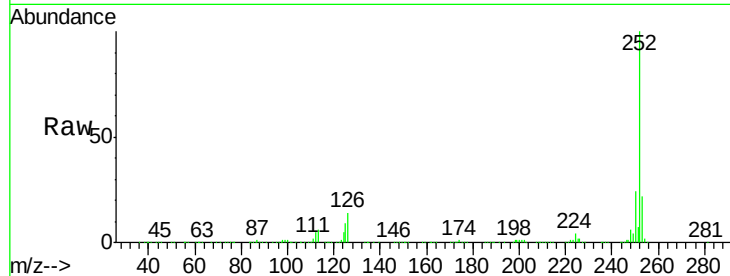
#87
Benzo(b)fluoranthene
Concen: 36.48 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	9.4	9.8	14.6

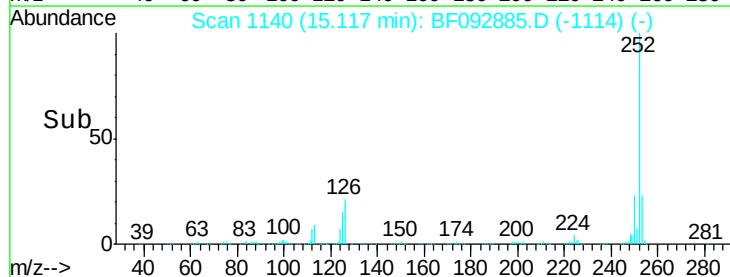
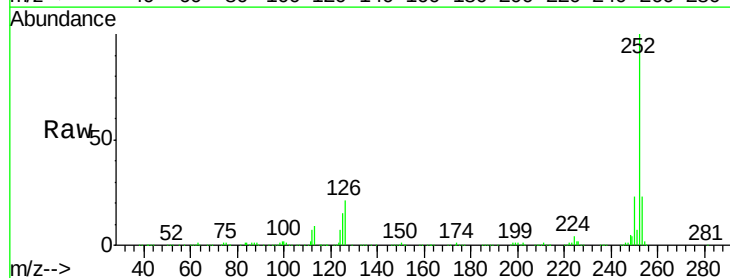
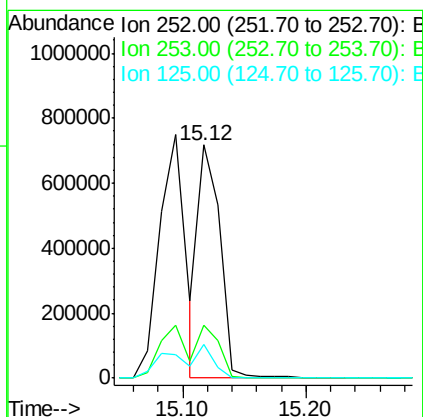
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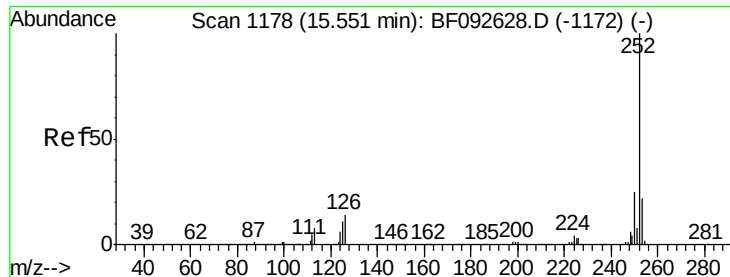
mohammad
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#88
Benzo(k)fluoranthene
Concen: 34.90 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	14.7	8.9	13.3





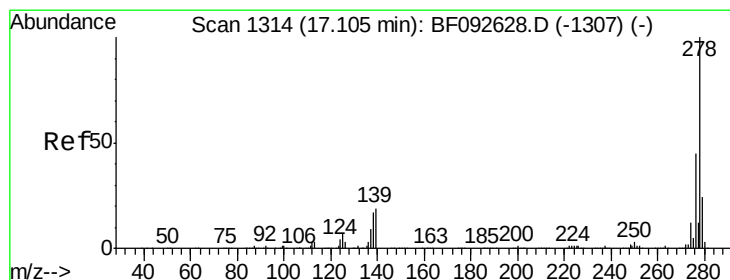
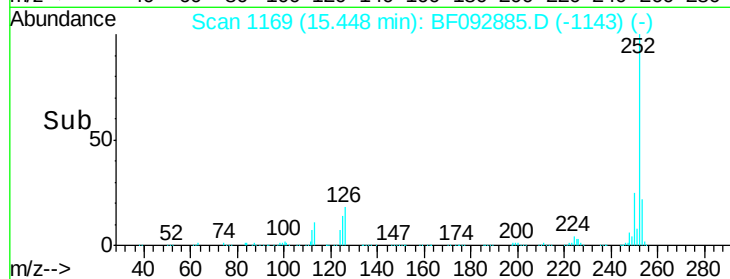
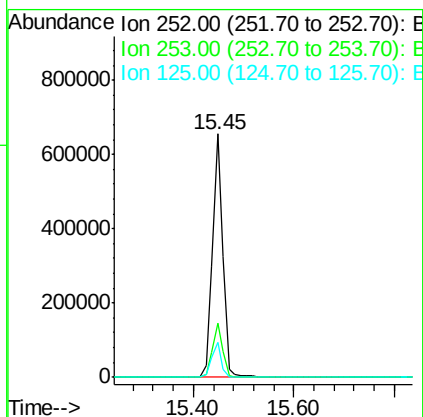
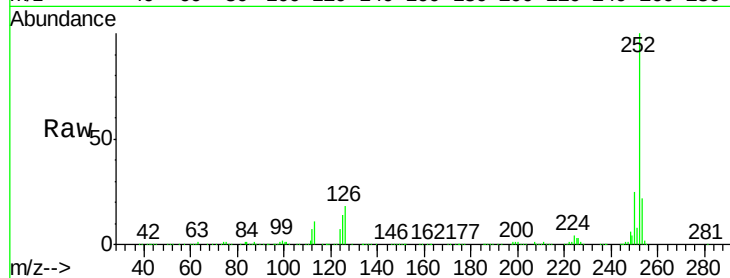
#89
Benzo(a)pyrene
Concen: 36.24 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	14.3	10.0	15.0

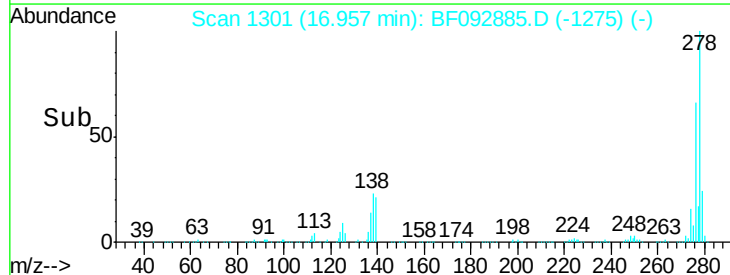
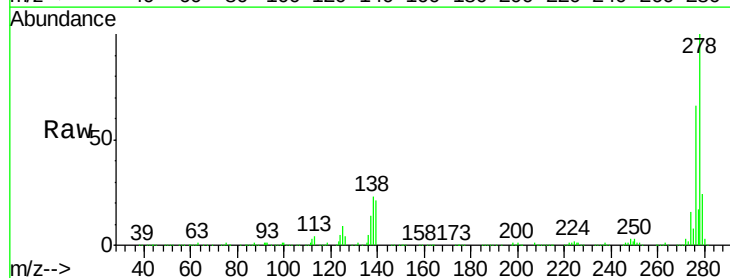
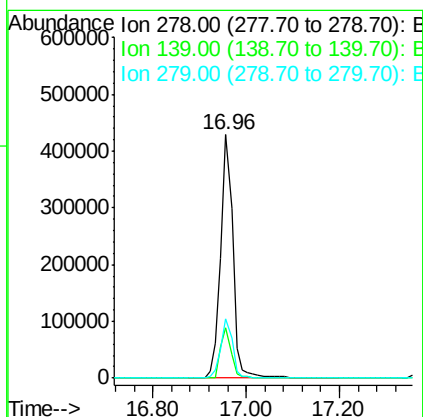
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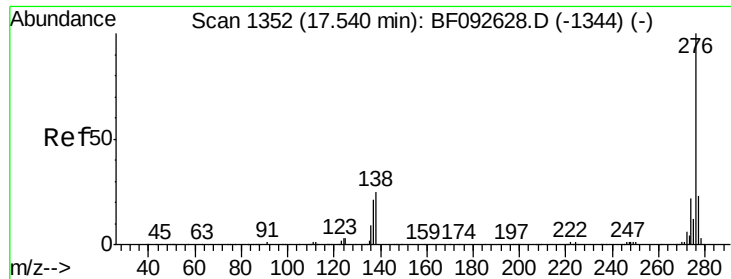
mohammad
2/13/2017 12:40:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.04 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

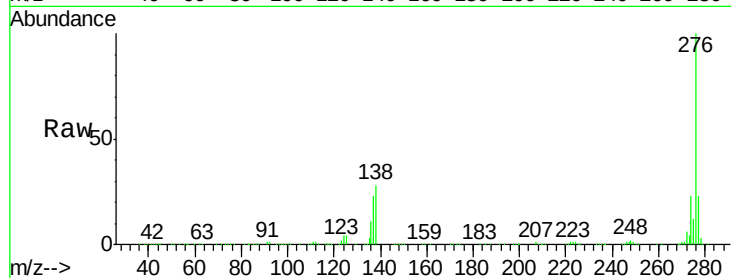
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.8	22.2
279	24.2	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 36.24 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.0	19.2	28.8
138	27.8	16.0	24.0

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mohammad
 2/13/2017 12:40:33 PM

