

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096783.D
 Acq On : 14 Jul 2017 20:38
 Operator : SJ/JU
 Sample : PB100646BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Manual Integrations
 APPROVED

mohammad
 7/17/2017 3:56:55 PM

Quant Time: Jul 17 04:09:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	111997	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	477326	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	181287	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	318021	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	217076	20.00	ng	-0.01
86) Perylene-d12	15.14	264	185287	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	608564	81.70	ng	0.00
7) Phenol-d6	6.27	99	728095	81.45	ng	-0.01
23) Nitrobenzene-d5	7.19	82	629705	81.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	142177	91.88	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1084958	94.55	ng	-0.01
78) Terphenyl-d14	12.72	244	831278	66.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	109597	28.595	ng	# 78
3) Pyridine	2.96	79	283586	35.207	ng	# 61
4) n-Nitrosodimethylamine	2.91	42	170276	37.801	ng	82
6) Aniline	6.29	93	273195	24.812	ng	# 4
8) 2-Chlorophenol	6.41	128	323387	40.244	ng	95
9) Benzaldehyde	6.17	77	157644	30.513	ng	97
10) Phenol	6.29	94	386515	38.251	ng	79
11) bis(2-Chloroethyl)ether	6.36	93	304447	40.066	ng	89
12) 1,3-Dichlorobenzene	6.56	146	335843	39.318	ng	96
13) 1,4-Dichlorobenzene	6.64	146	339424m	39.239	ng	
14) 1,2-Dichlorobenzene	6.80	146	304196	38.663	ng	97
15) Benzyl Alcohol	6.77	79	253290	43.282	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	659001	42.023	ng	91
17) 2-Methylphenol	6.89	107	259411	41.514	ng	98
18) Hexachloroethane	7.14	117	125347	40.866	ng	# 85
19) n-Nitroso-di-n-propylamine	7.05	70	207708	38.571	ng	# 85
20) 3+4-Methylphenols	7.05	107	305879	40.339	ng	# 82
22) Acetophenone	7.04	105	416128	39.006	ng	# 95
24) Nitrobenzene	7.21	77	315450	39.580	ng	91
25) Isophorone	7.45	82	507396	35.394	ng	96
26) 2-Nitrophenol	7.53	139	172036	38.820	ng	90
27) 2,4-Dimethylphenol	7.57	122	287248	39.400	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	384700	39.713	ng	98
29) 2,4-Dichlorophenol	7.77	162	263065	39.862	ng	96
30) 1,2,4-Trichlorobenzene	7.85	180	248772	39.647	ng	96
31) Naphthalene	7.93	128	915217	40.475	ng	100
32) Benzoic acid	7.71	122	204487	43.884	ng	93
33) 4-Chloroaniline	7.98	127	132974	14.843	ng	96
34) Hexachlorobutadiene	8.05	225	114183	34.088	ng	97
35) Caprolactam	8.35	113	83428m	39.454	ng	
36) 4-Chloro-3-methylphenol	8.47	107	259531	36.574	ng	90
37) 2-Methylnaphthalene	8.62	142	613694	42.571	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	208232	42.491	ng	99
40) Hexachlorocyclopentadiene	8.78	237	184918	99.061	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	166716	46.120	ng	98
43) 2,4,5-Trichlorophenol	8.95	196	171544	47.054	ng	97
45) 1,1'-Biphenyl	9.09	154	683275	43.946	ng	98
46) 2-Chloronaphthalene	9.11	162	535770	46.797	ng	96
47) 2-Nitroaniline	9.20	65	188950	48.013	ng	95
48) Acenaphthylene	9.52	152	842201	46.169	ng	99
49) Dimethylphthalate	9.39	163	634018	46.447	ng	99
50) 2,6-Dinitrotoluene	9.45	165	141907	47.996	ng #	91
51) Acenaphthene	9.69	154	433020	40.183	ng	100
52) 3-Nitroaniline	9.61	138	77142	22.024	ng	91
53) 2,4-Dinitrophenol	9.73	184	127477	86.480	ng #	78
54) Dibenzofuran	9.86	168	650026	43.046	ng	97
55) 4-Nitrophenol	9.79	139	214299	83.746	ng #	70
56) 2,4-Dinitrotoluene	9.86	165	162306	42.720	ng #	80
57) Fluorene	10.20	166	483391	43.319	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	120037	47.476	ng	98
59) Diethylphthalate	10.09	149	543448	40.896	ng	99
60) 4-Chlorophenyl-phenylether	10.20	204	200409	42.796	ng	96
61) 4-Nitroaniline	10.23	138	144850	44.039	ng	93
62) Azobenzene	10.36	77	511247	43.610	ng	93
64) 4,6-Dinitro-2-methylphenol	10.26	198	88879	44.513	ng	84
65) n-Nitrosodiphenylamine	10.32	169	454193	39.954	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	133376	41.078	ng	98
67) Hexachlorobenzene	10.76	284	142385	39.374	ng #	94
68) Atrazine	10.85	200	138126	42.648	ng	94
69) Pentachlorophenol	10.95	266	141478	80.984	ng	97
70) Phenanthrene	11.16	178	725650	41.965	ng	99
71) Anthracene	11.21	178	757258	43.313	ng	98
72) Carbazole	11.37	167	724805	42.810	ng	98
73) Di-n-butylphthalate	11.71	149	860600	40.815	ng	99
74) Fluoranthene	12.34	202	744944	45.008	ng	99
76) Benzidine	12.46	184	257199m	36.167	ng	
77) Pyrene	12.57	202	771022	39.137	ng	99
79) Butylbenzylphthalate	13.20	149	363883	77.749	ng #	80
80) Benzo(a)anthracene	13.76	228	579518	42.846	ng	99
81) 3,3'-Dichlorobenzidine	13.72	252	112829	23.198	ng #	94
82) Chrysene	13.79	228	557166	41.844	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	440674	38.658	ng	99
84) Di-n-octyl phthalate	14.37	149	768348	40.776	ng	96
85) Indeno(1,2,3-cd)pyrene	16.44	276	444713	36.367	ng	99
87) Benzo(b)fluoranthene	14.76	252	473696	42.389	ng	98
88) Benzo(k)fluoranthene	14.79	252	443084m	41.871	ng	
89) Benzo(a)pyrene	15.09	252	431780	42.127	ng	98
90) Dibenzo(a,h)anthracene	16.46	278	364856	38.687	ng	98
91) Benzo(g,h,i)perylene	16.84	276	384352	38.058	ng	96

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

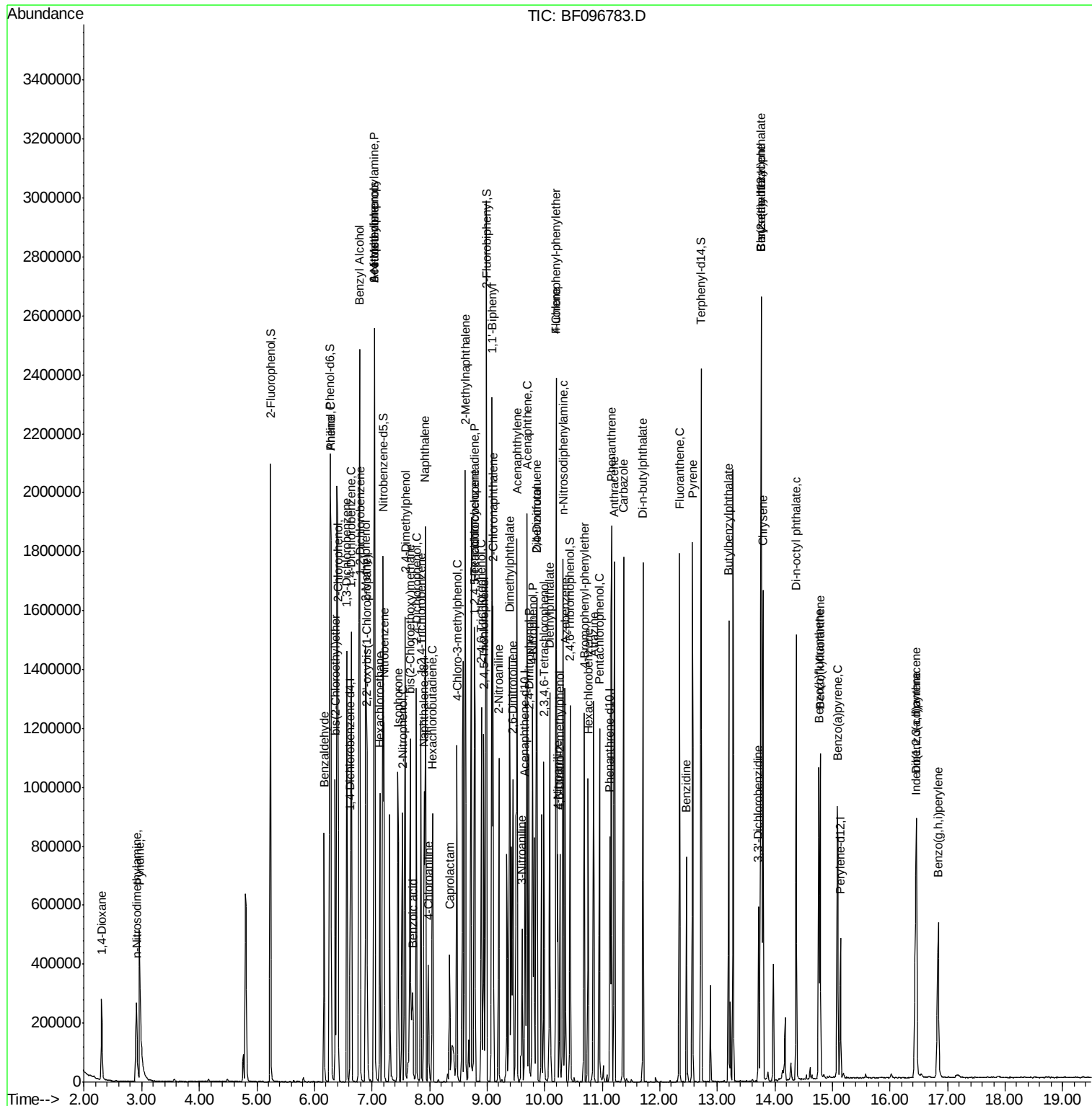
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Operator  : SJ/JU  
Sample    : PB100646BS  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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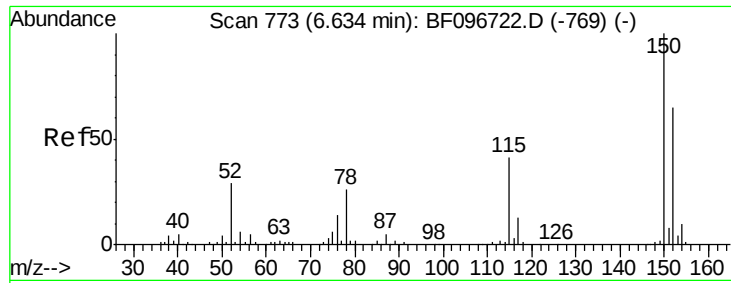
Instrument :
BNA_F
ClientSampleId :
PB100646BS

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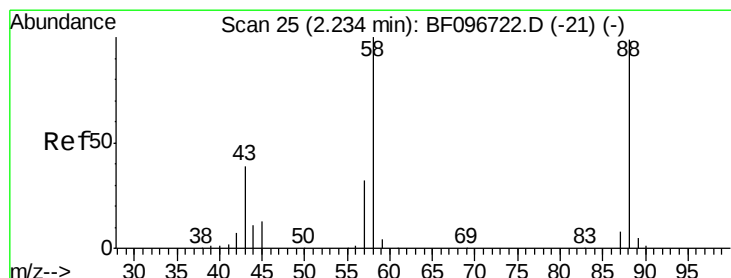
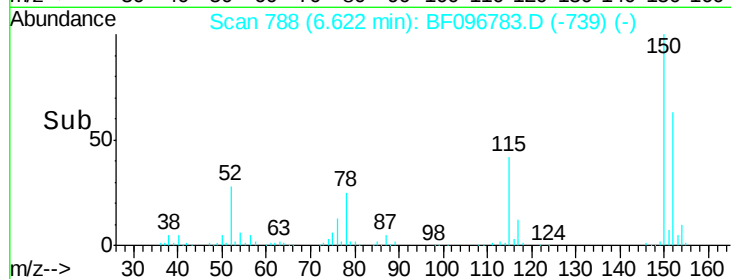
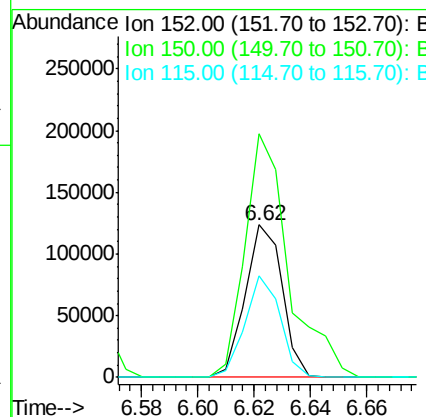
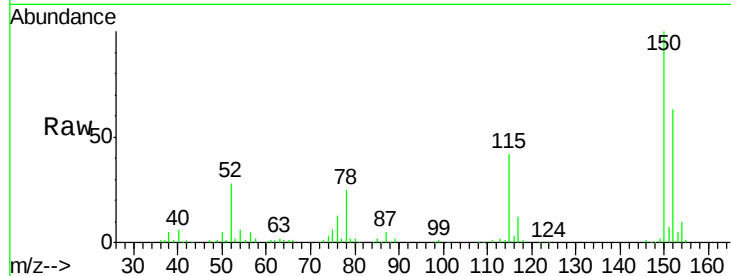
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampled :
 PB100646BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	66.7	52.2	78.2

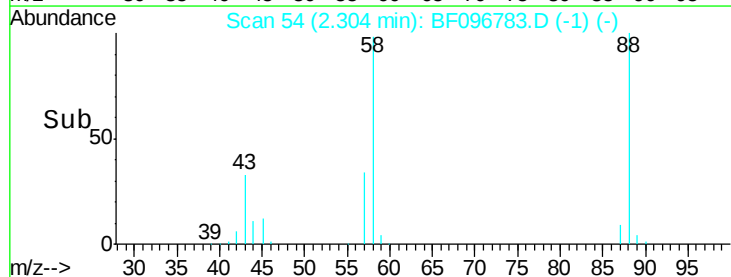
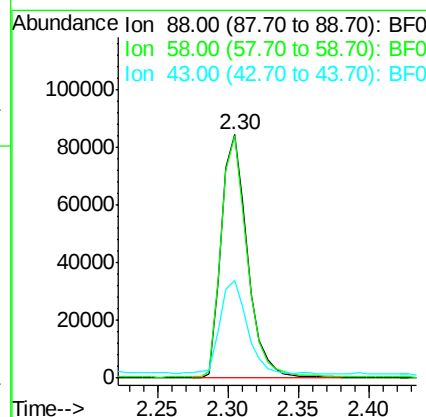
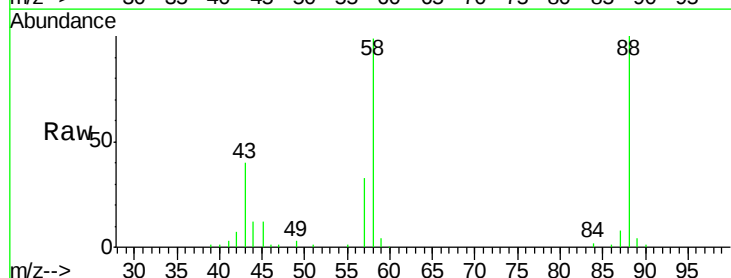
Manual Integrations
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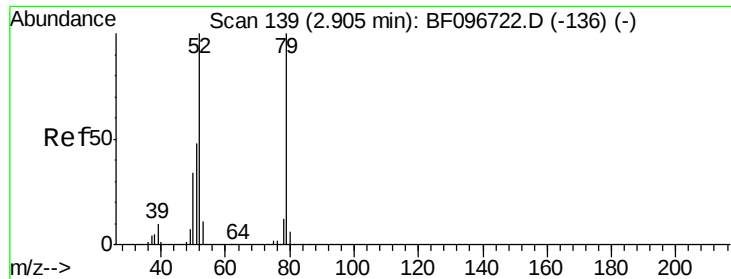
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#2
 1,4-Dioxane
 Concen: 28.595 ng
 RT: 2.30 min Scan# 54
 Delta R.T. 0.07 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.3	61.4	92.0#
43	38.9	23.4	35.0#





#3

Pyridine

Concen: 35.207 ng

RT: 2.96 min Scan# 166

Delta R.T. 0.06 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

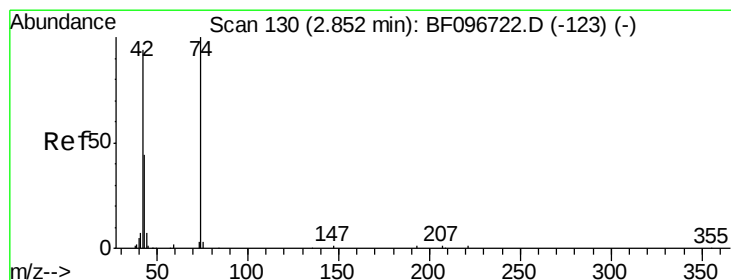
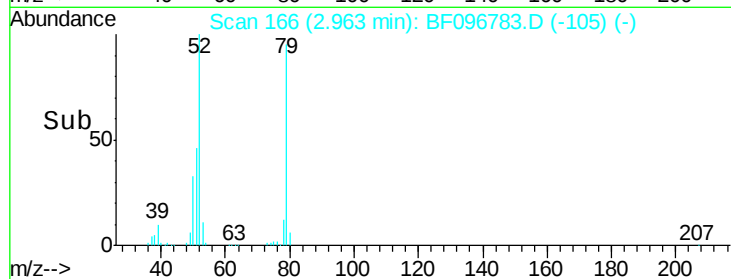
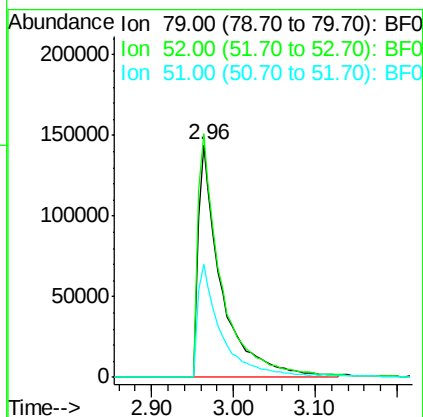
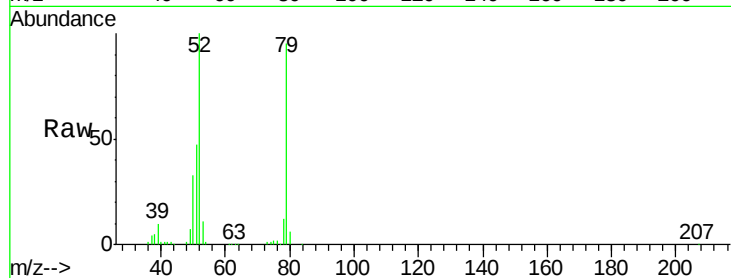
ClientSampleId :

PB100646BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	104.7	54.8	82.2#
51	48.9	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 37.801 ng

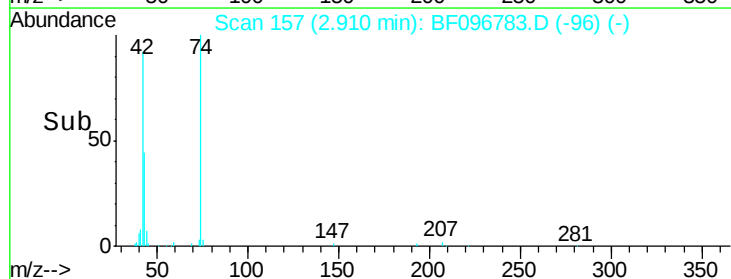
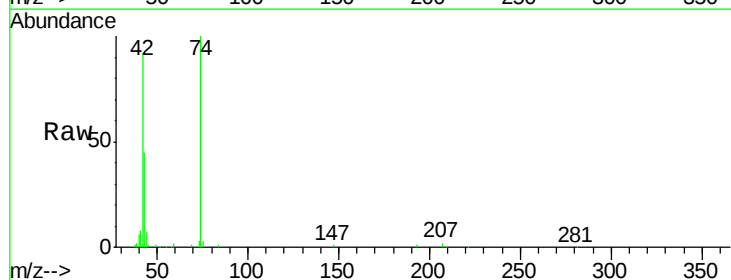
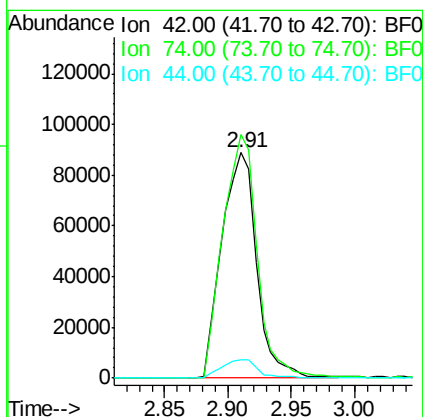
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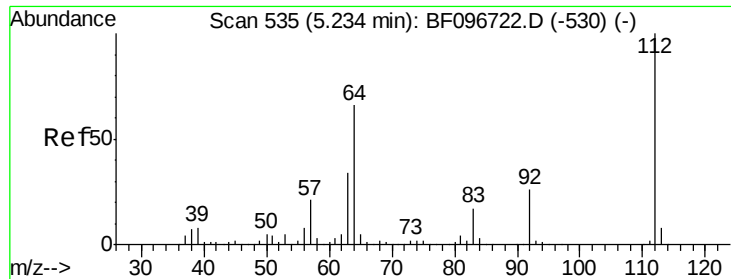
Delta R.T. 0.06 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.1	103.9	155.9
44	7.9	5.7	8.5





#5

2-Fluorophenol

Concen: 81.701 ng

RT: 5.23 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF096783.D

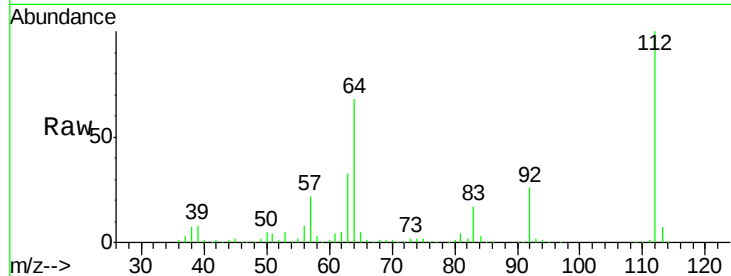
Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

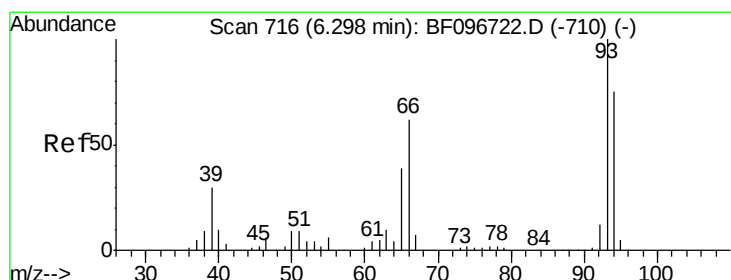
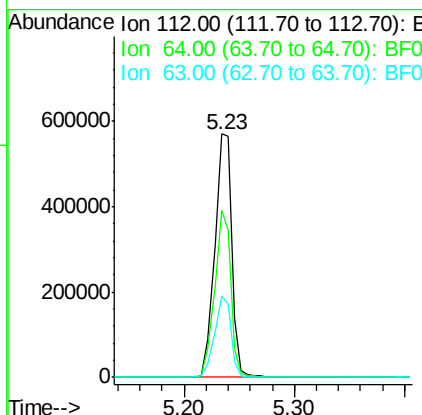
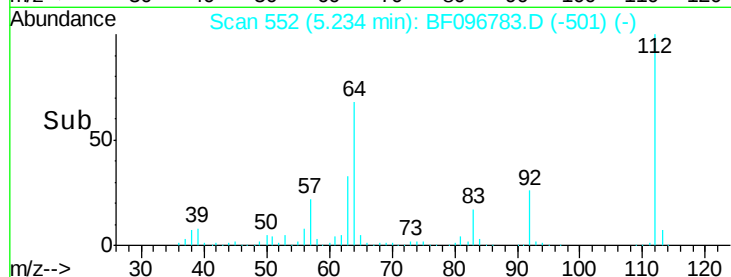
PB100646BS



Tgt Ion:	112	Resp:	608564
Ion Ratio	Lower	Upper	
112	100		
64	68.4	46.0	69.0
63	33.3	23.4	35.0

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#6

Aniline

Concen: 24.812 ng

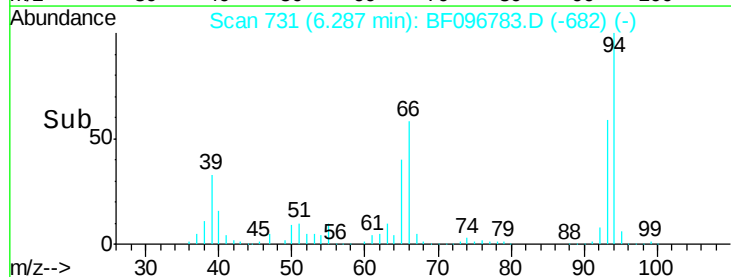
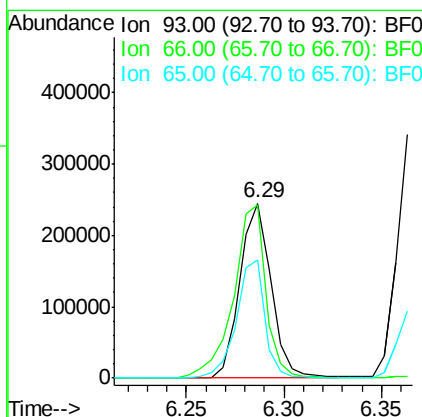
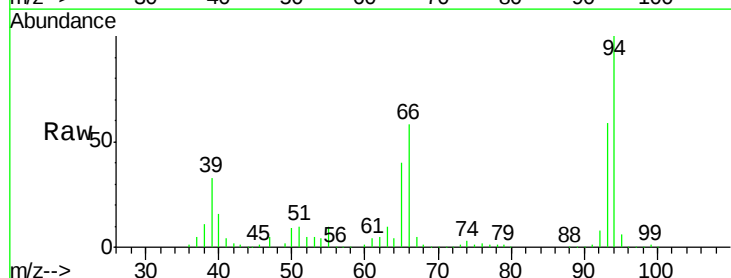
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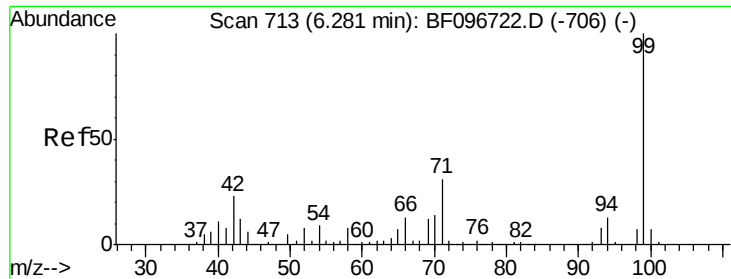
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:	93	Resp:	273195
Ion Ratio	Lower	Upper	
93	100		
66	99.1	32.9	49.3#
65	67.2	16.0	24.0#





#7

Phenol-d6

Concen: 81.455 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

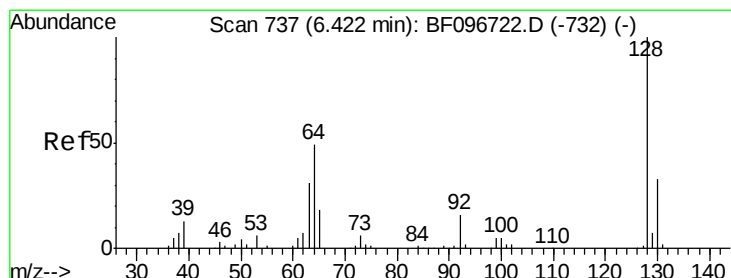
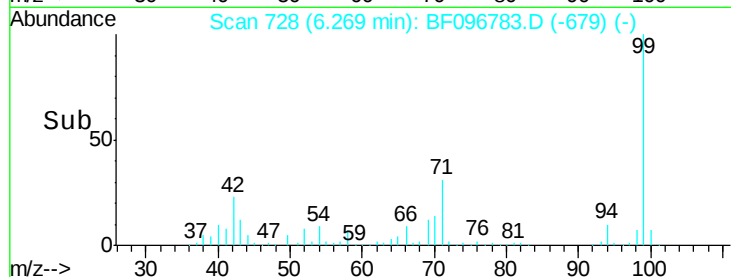
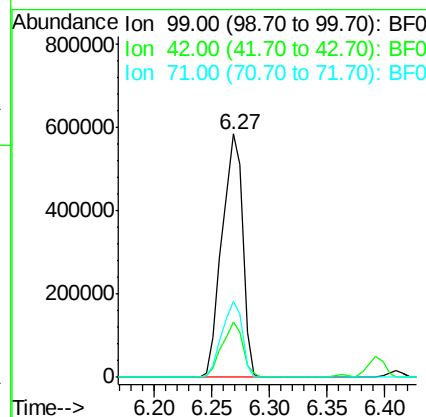
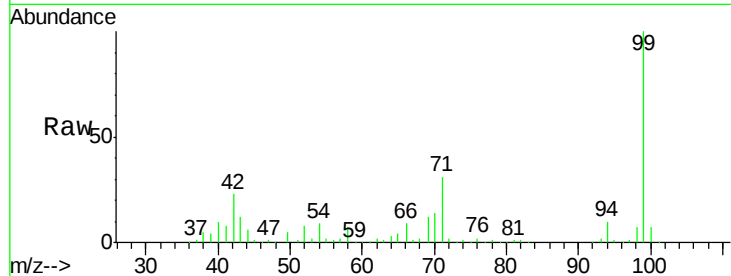
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Tgt Ion:	99	Resp:	728095
Ion Ratio	Lower	Upper	
99	100		
42	22.7	13.5	20.3#
71	31.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 40.244 ng

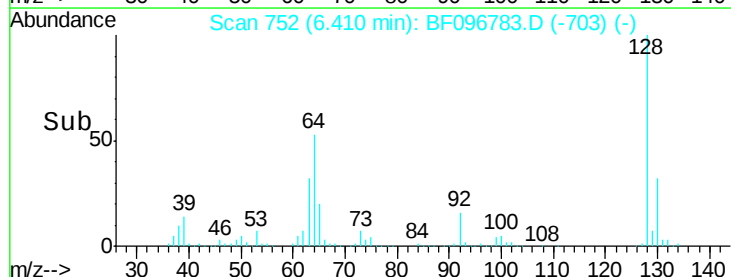
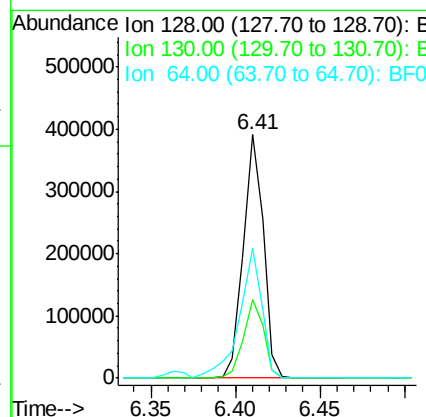
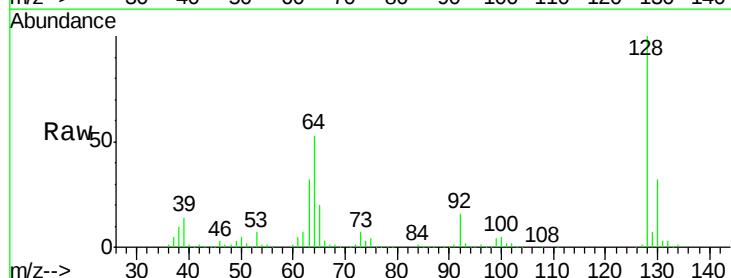
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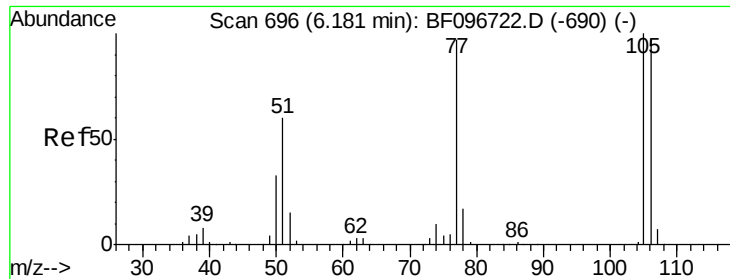
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:	128	Resp:	323387
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	53.0	28.4	68.4





#9

Benzaldehyde

Concen: 30.513 ng

RT: 6.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

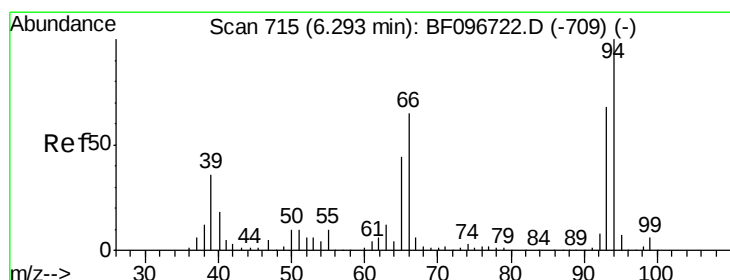
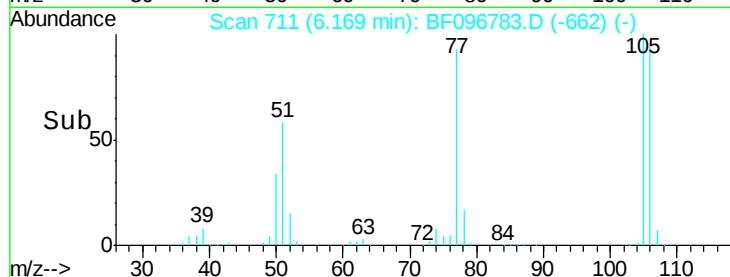
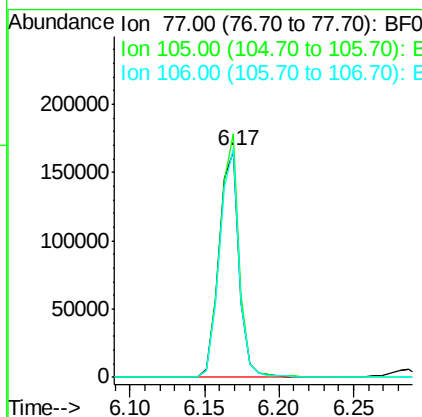
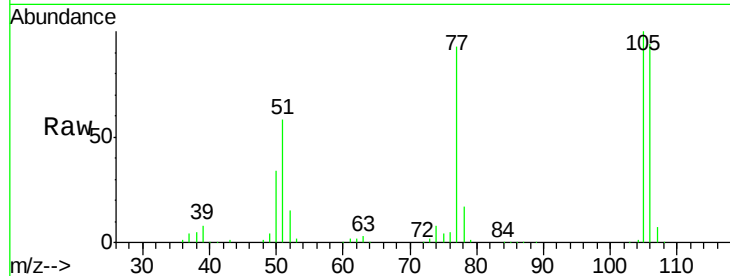
PB100646BS

Tgt Ion: 77 Resp: 157644

Ion	Ratio	Lower	Upper
77	100		
105	107.8	83.8	123.8
106	100.8	79.1	119.1

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#10

Phenol

Concen: 38.251 ng

RT: 6.29 min Scan# 731

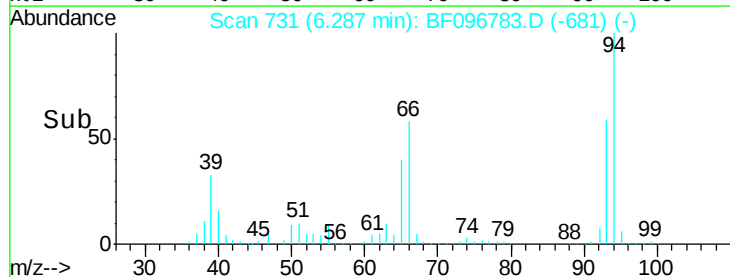
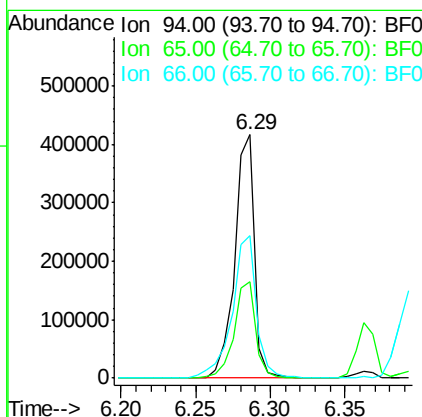
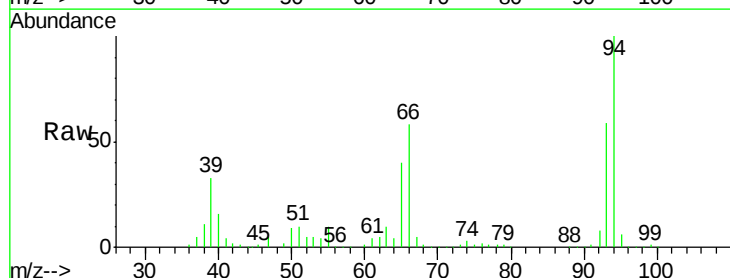
Delta R.T. -0.01 min

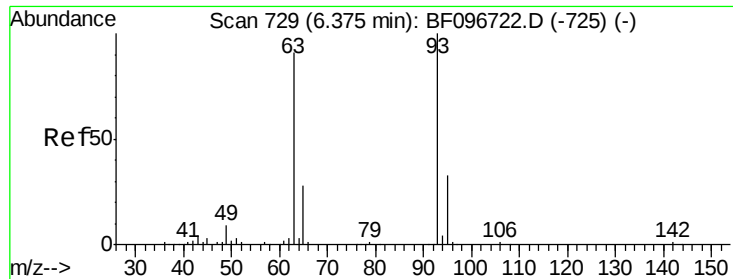
Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion: 94 Resp: 386515

Ion	Ratio	Lower	Upper
94	100		
65	39.6	9.9	49.9
66	58.3	23.1	63.1





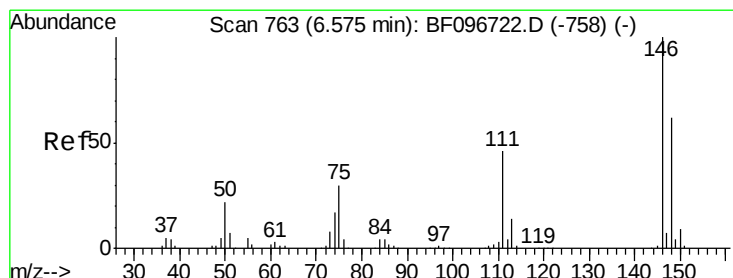
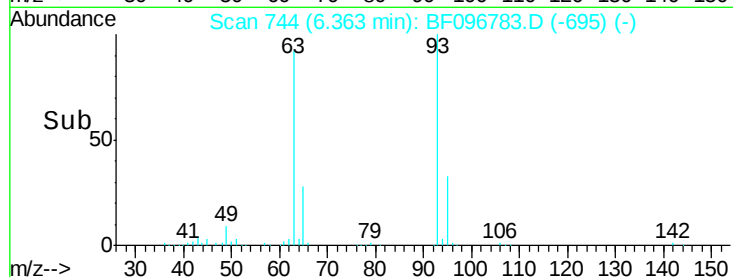
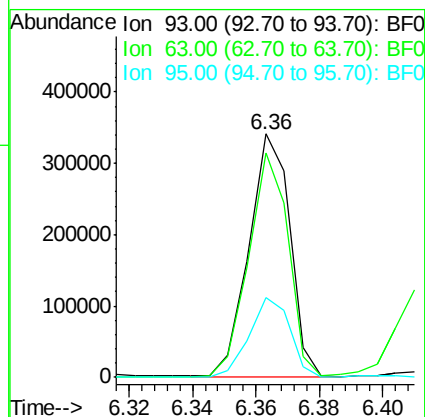
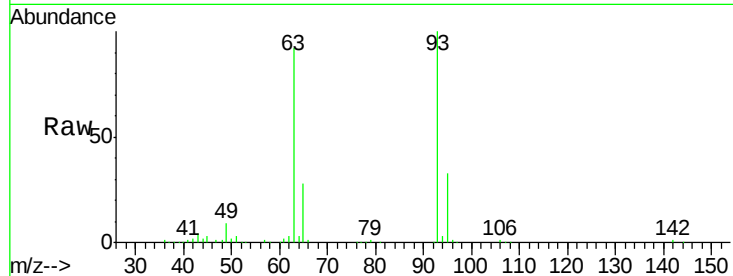
#11
 bis(2-Chloroethyl)ether
 Concen: 40.066 ng
 RT: 6.36 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.1	59.2	99.2
95	33.0	12.8	52.8

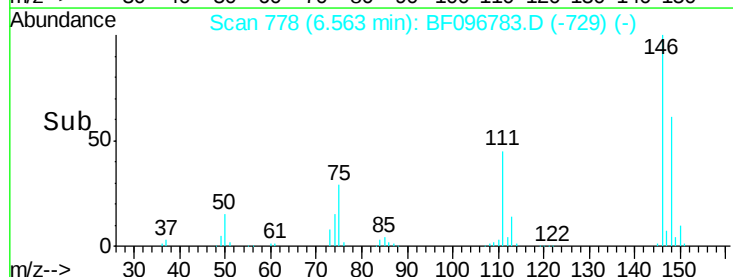
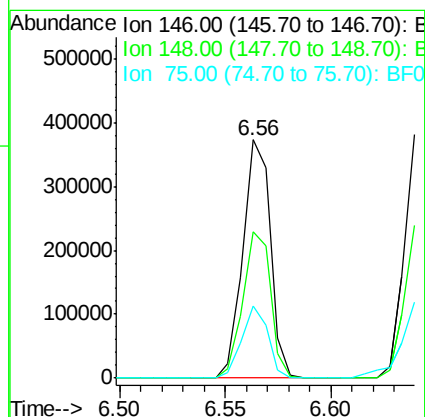
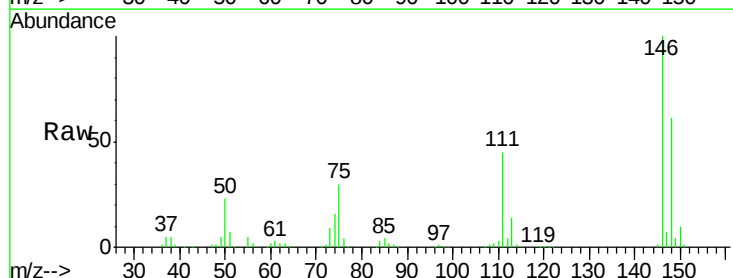
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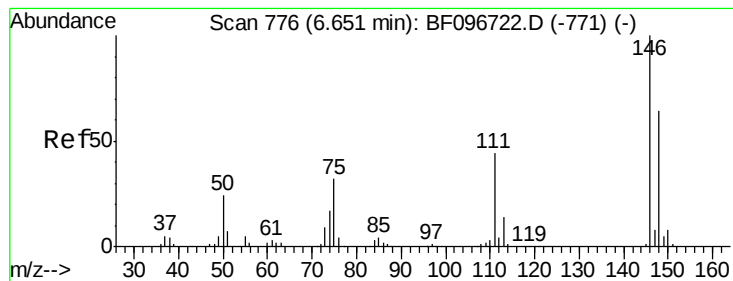
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#12
 1,3-Dichlorobenzene
 Concen: 39.318 ng
 RT: 6.56 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.8	77.6
75	30.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.239 ng m

RT: 6.64 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

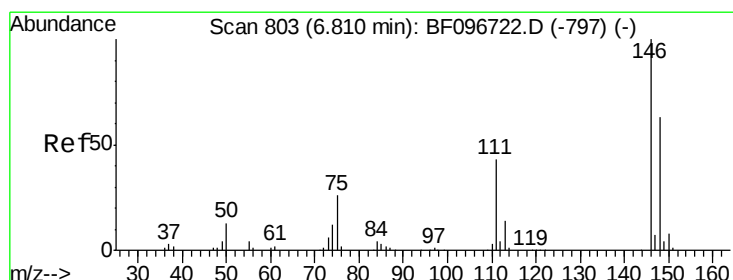
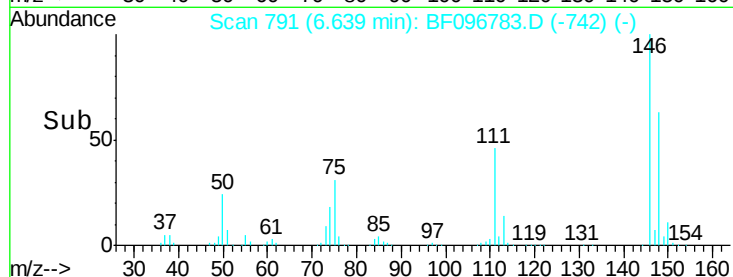
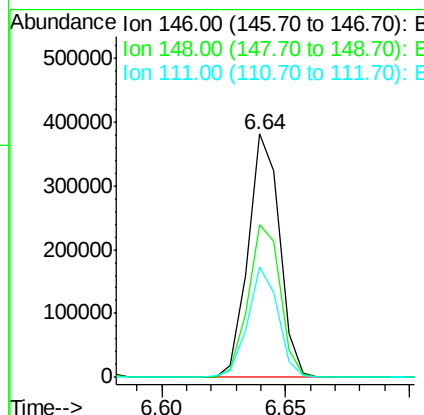
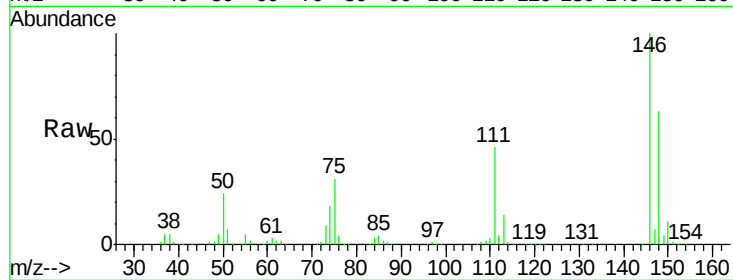
ClientSampleId :

PB100646BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	45.5	30.3	45.5#

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#14

1,2-Dichlorobenzene

Concen: 38.663 ng

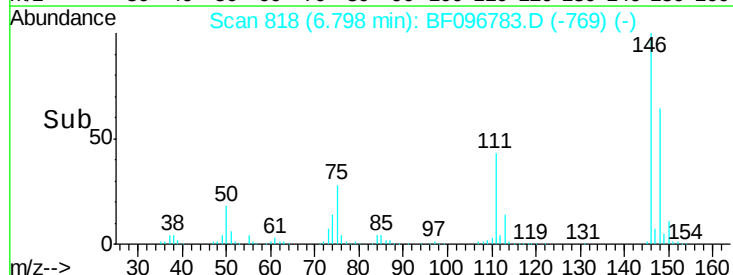
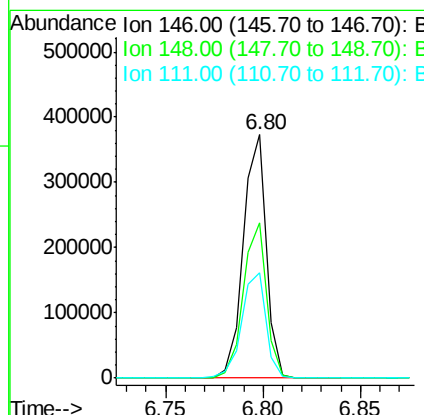
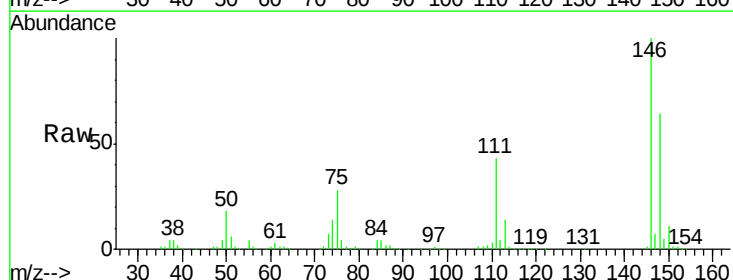
RT: 6.80 min Scan# 818

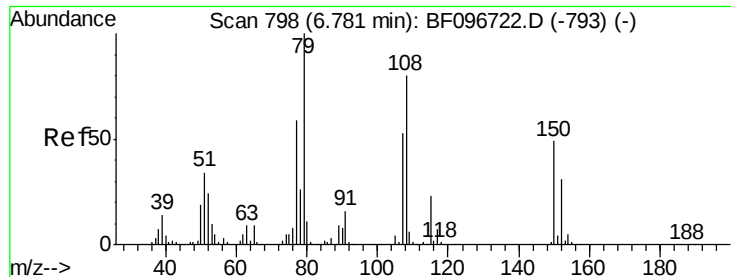
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	43.3	38.2	57.4





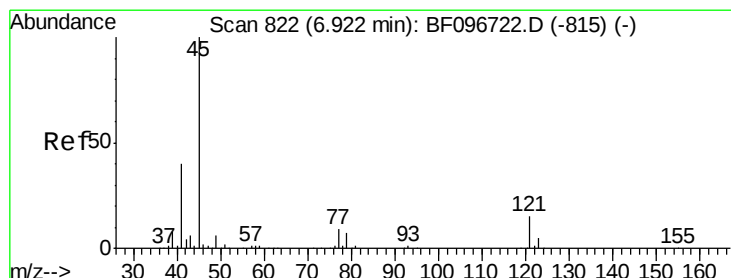
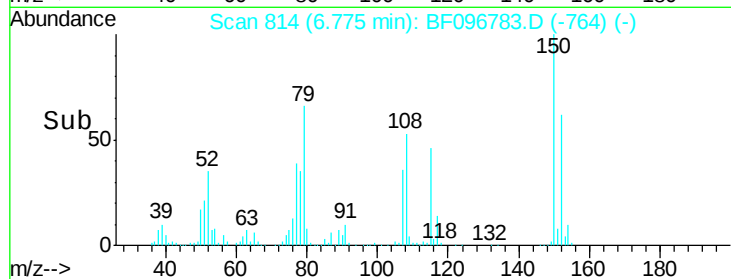
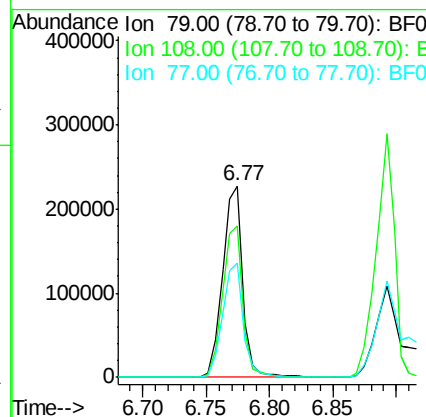
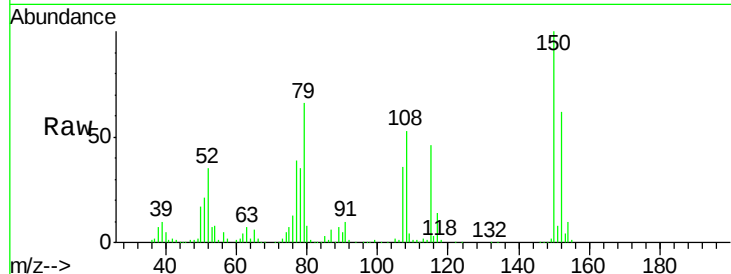
#15
Benzyl Alcohol
Concen: 43.282 ng
RT: 6.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	253290		
108	79.5	63.4	95.0	
77	59.4	49.2	73.8	

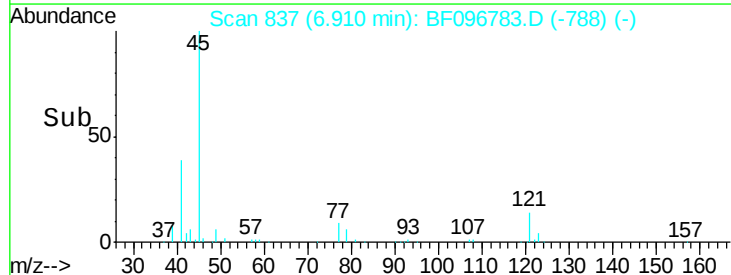
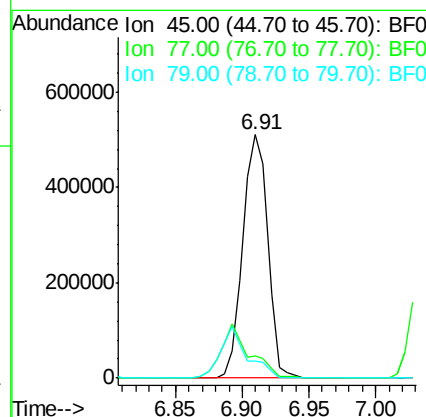
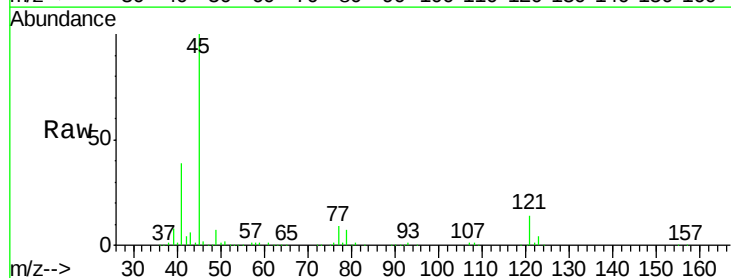
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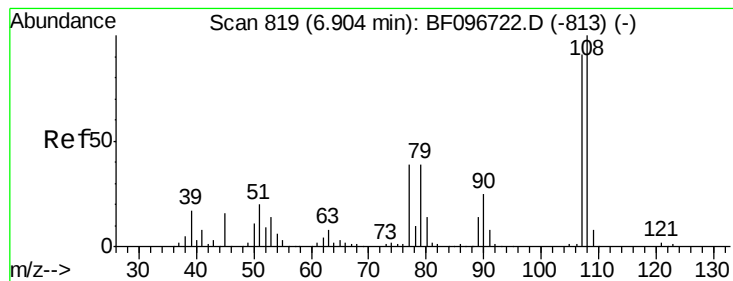
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.023 ng
RT: 6.91 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	659001		
77	9.3	0.0	33.2	
79	7.1	0.0	30.0	





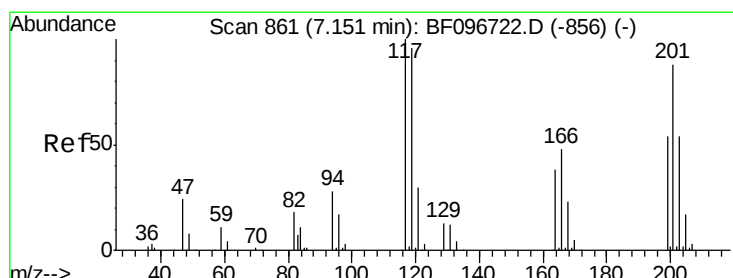
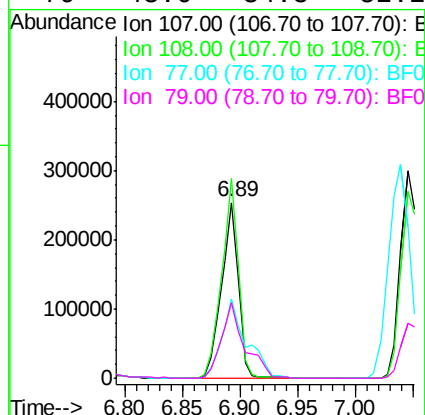
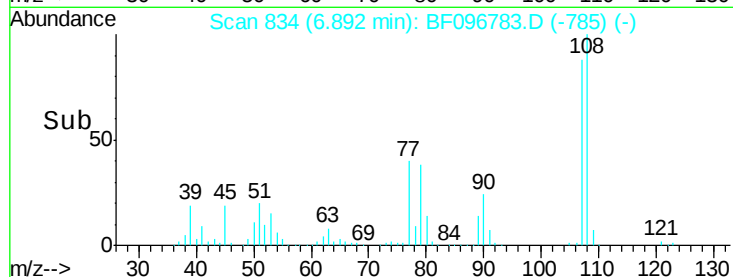
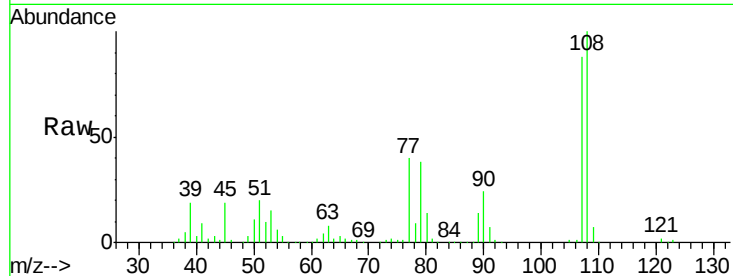
#17
2-Methylphenol
Concen: 41.514 ng
RT: 6.89 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	259411		
108	113.8	93.4	140.0	
77	45.0	35.8	53.6	
79	43.0	34.8	52.2	

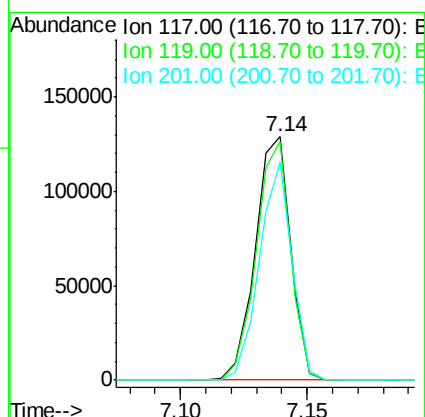
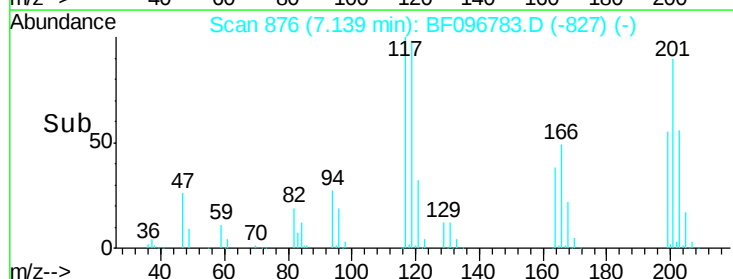
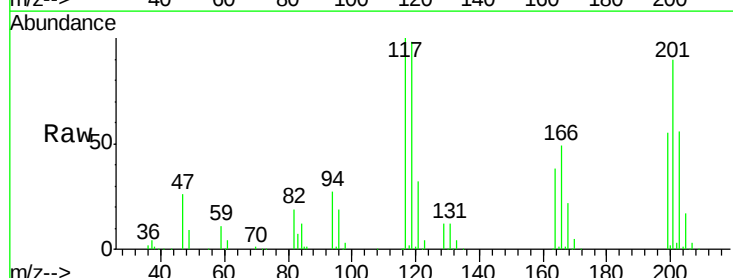
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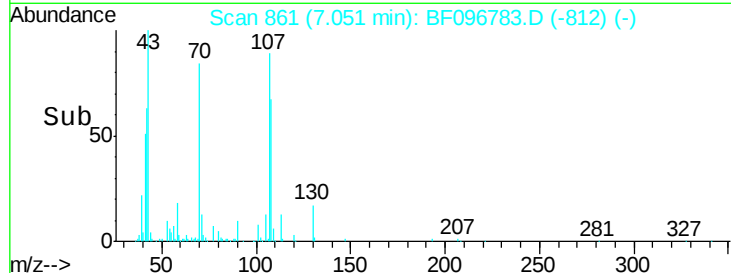
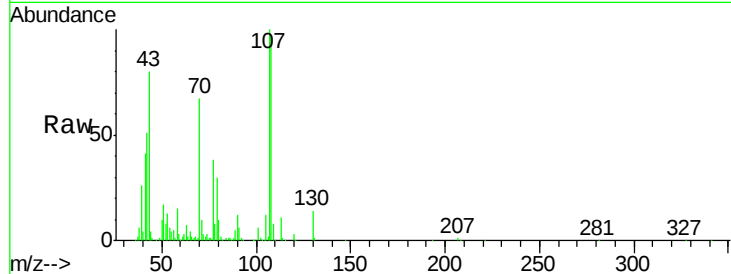
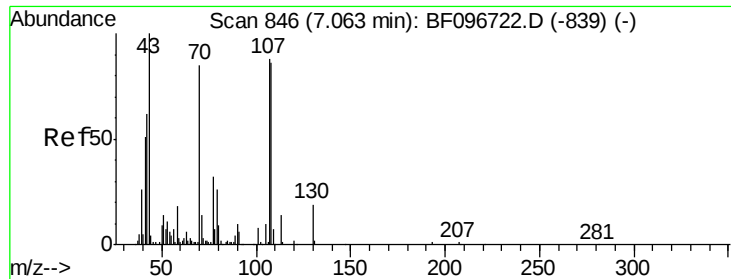
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#18
Hexachloroethane
Concen: 40.866 ng
RT: 7.14 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125347		
119	97.9	77.4	116.0	
201	89.6	94.6	141.8#	





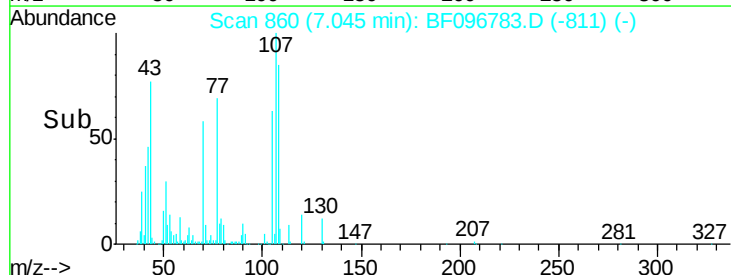
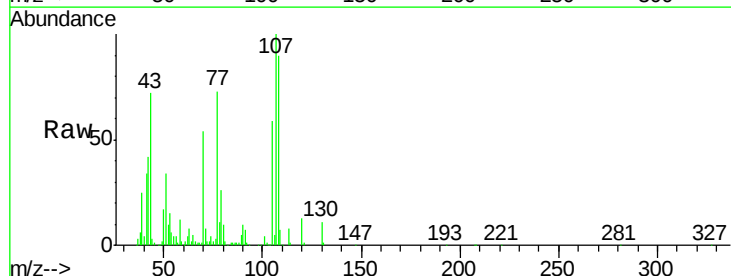
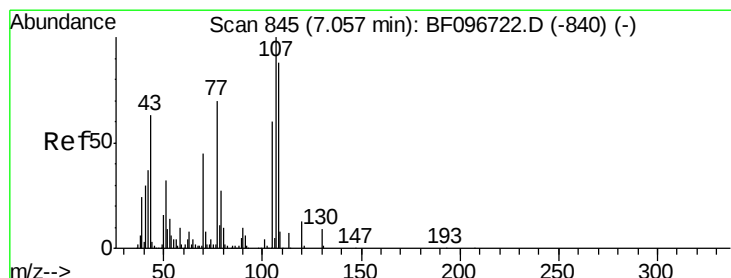
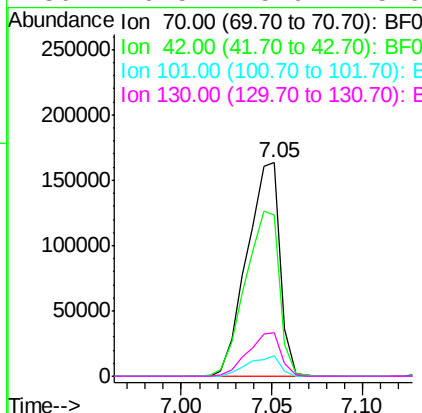
#19
n-Nitroso-di-n-propylamine
Concen: 38.571 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

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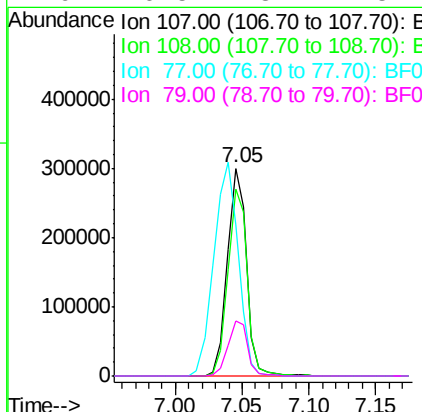
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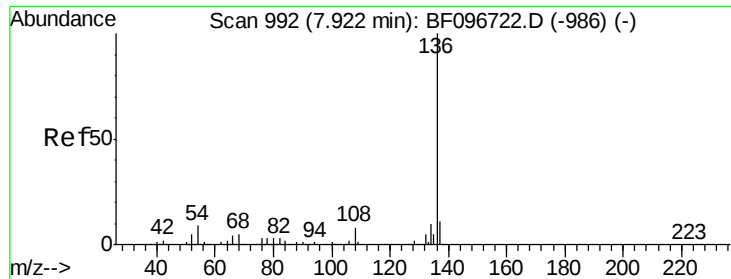
Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.5	47.2	70.8#
101	9.4	7.2	10.8
130	20.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.339 ng
RT: 7.05 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.0	111.0
77	73.0	90.5	130.5#
79	26.5	8.4	48.4





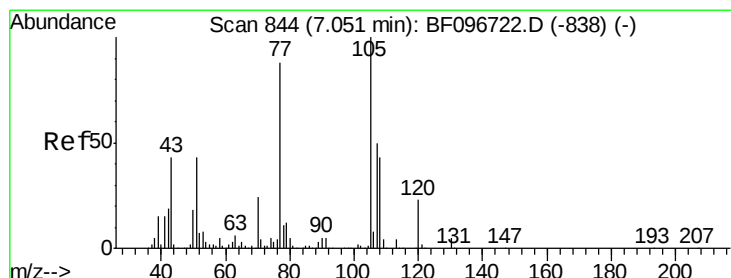
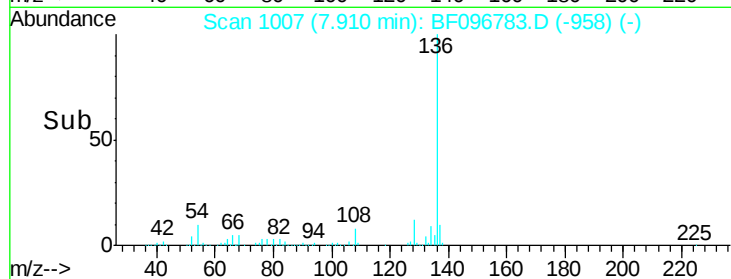
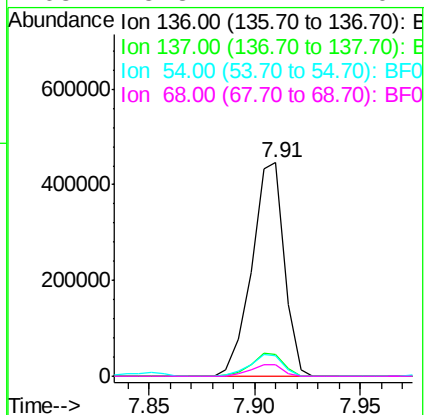
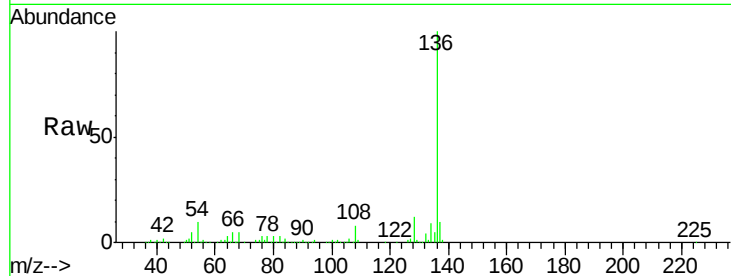
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	477326		
137	10.2	8.5	12.7	
54	9.6	4.9	7.3	
68	5.3	4.1	6.1	

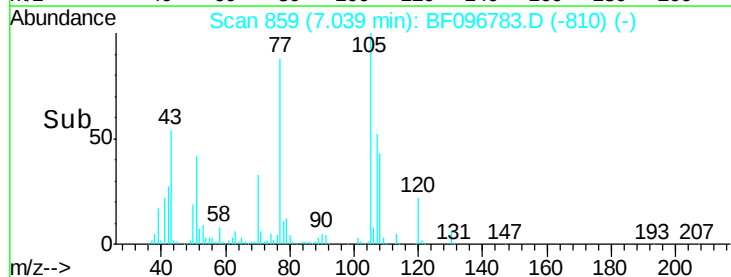
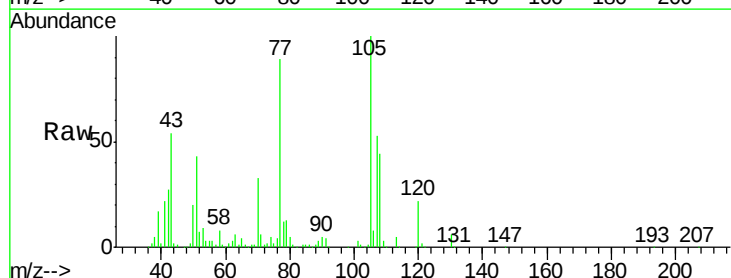
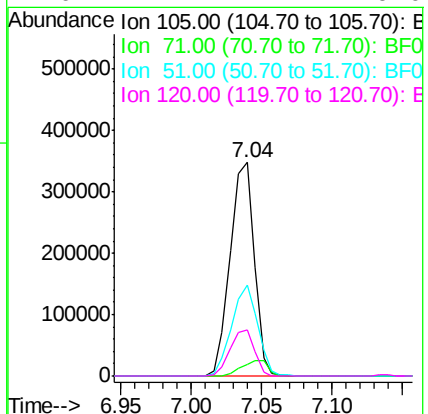
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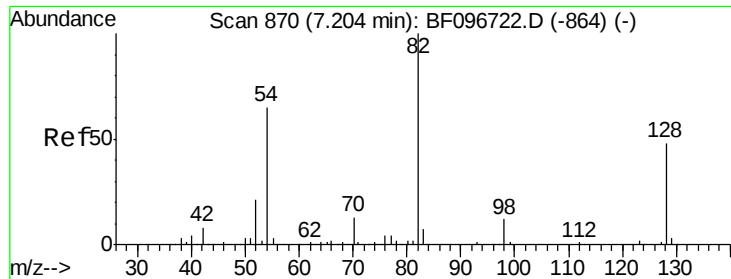
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#22
Acetophenone
Concen: 39.006 ng
RT: 7.04 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	416128		
71	5.5	2.8	4.2	
51	42.7	30.7	46.1	
120	21.7	17.4	26.0	





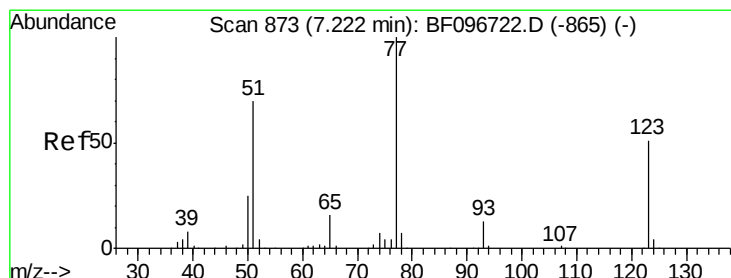
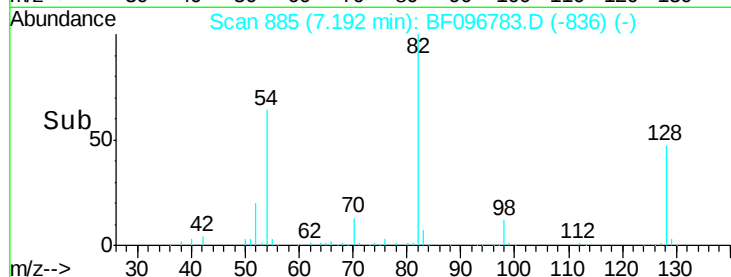
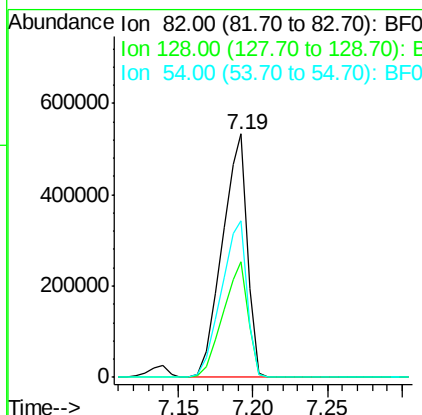
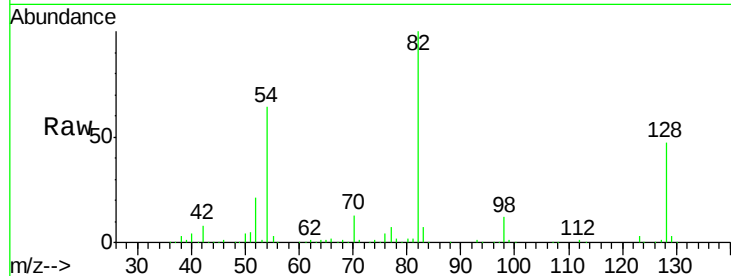
#23
 Nitrobenzene-d5
 Concen: 81.714 ng
 RT: 7.19 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	64.1	42.2	63.2#

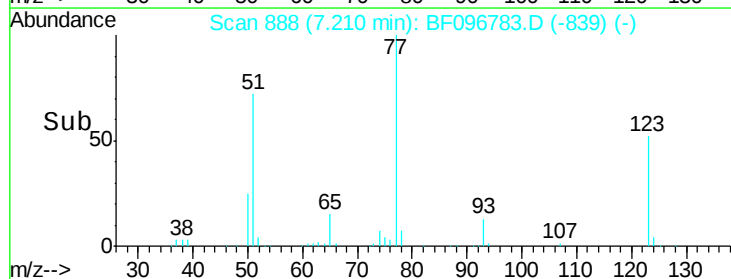
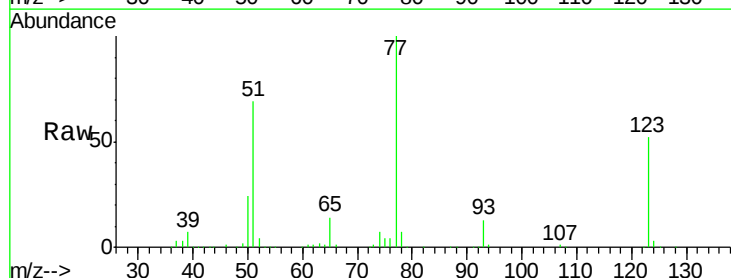
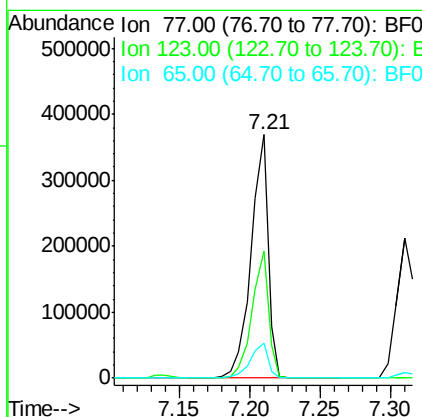
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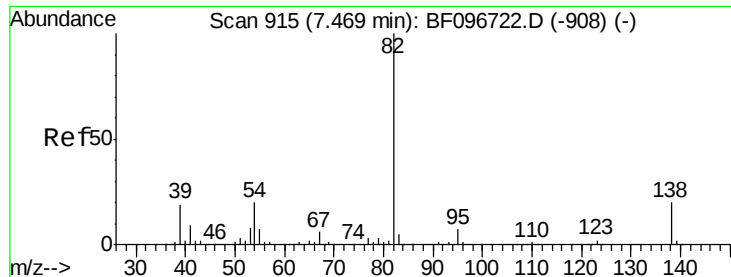
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#24
 Nitrobenzene
 Concen: 39.580 ng
 RT: 7.21 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	35.8	53.8
65	14.4	10.6	15.8





#25

Isophorone

Concen: 35.394 ng

RT: 7.45 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

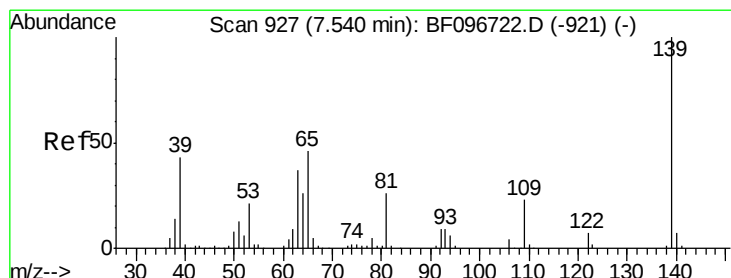
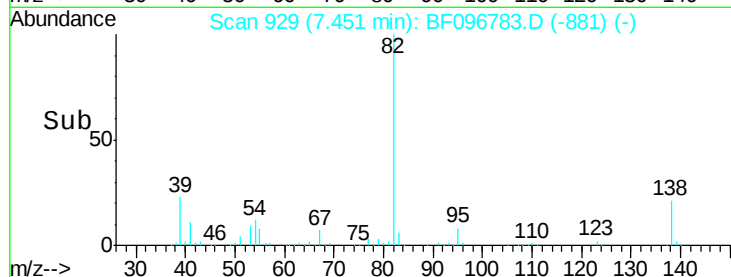
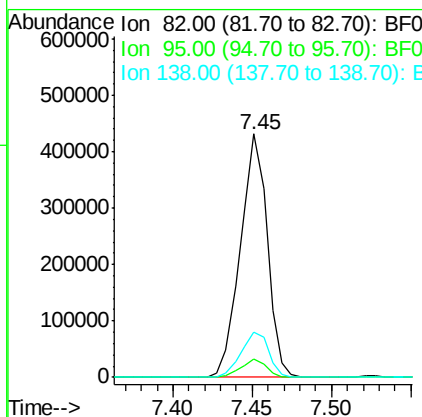
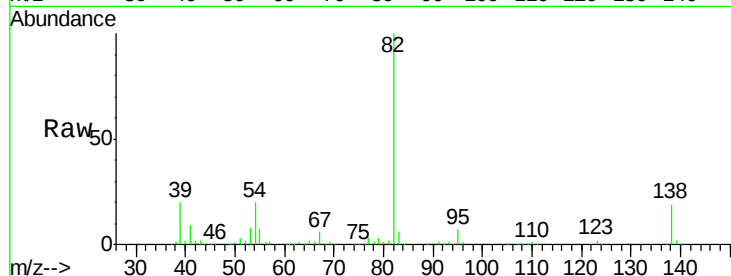
ClientSampleId :

PB100646BS

Tgt Ion:	82	Resp:	507396
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.3	7.9
138	18.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 38.820 ng

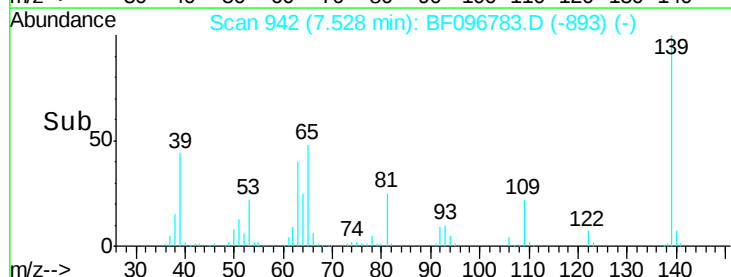
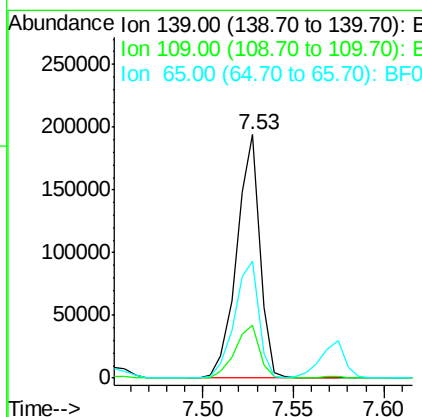
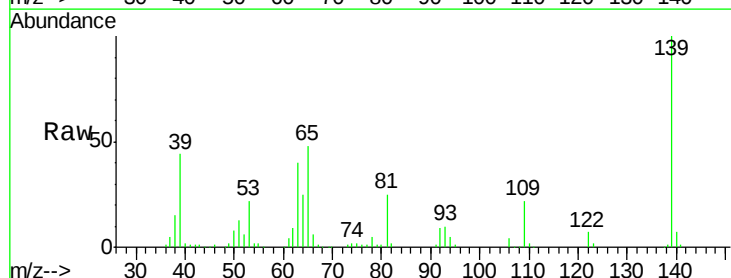
RT: 7.53 min Scan# 942

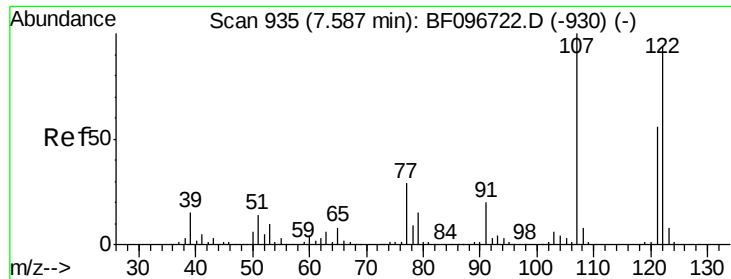
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:	139	Resp:	172036
Ion Ratio	Lower	Upper	
139	100		
109	22.0	21.0	31.6
65	47.9	33.0	49.6





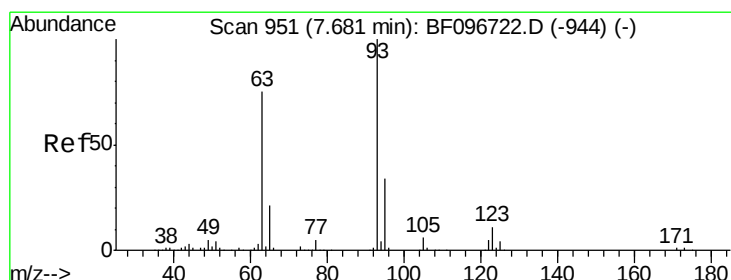
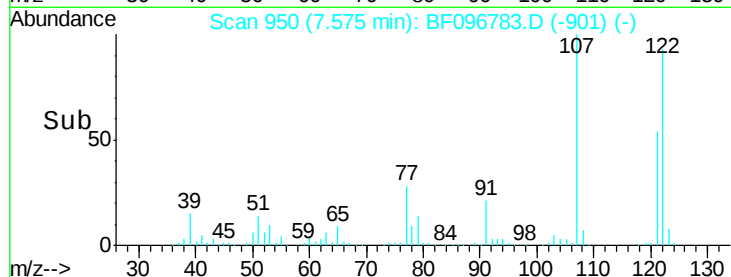
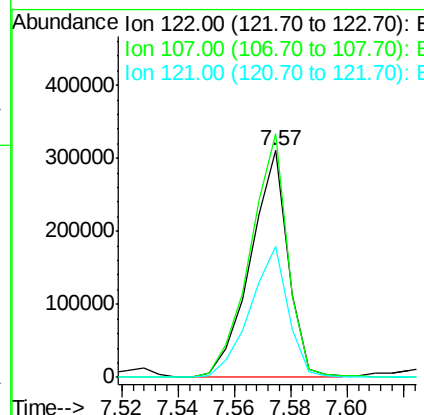
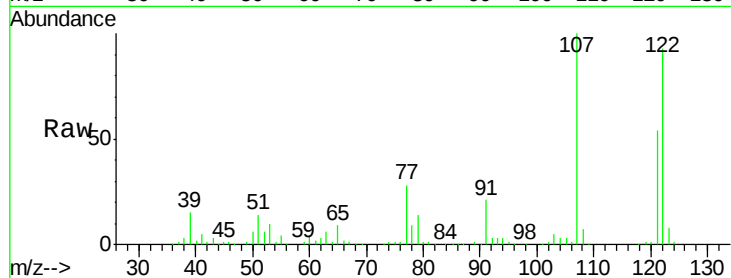
#27
2,4-Dimethylphenol
Concen: 39.400 ng
RT: 7.57 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	287248		
107	107.3	89.2	133.8	
121	57.7	45.2	67.8	

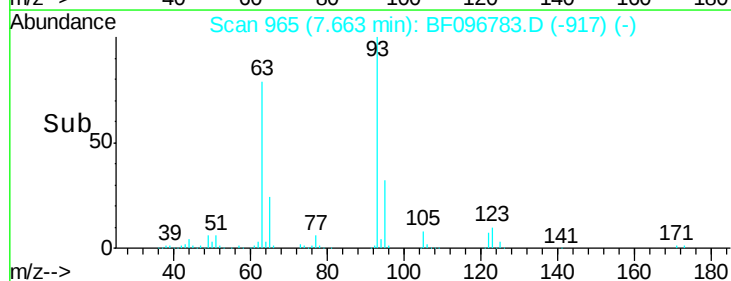
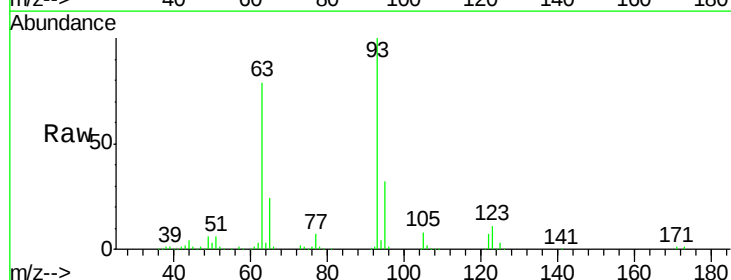
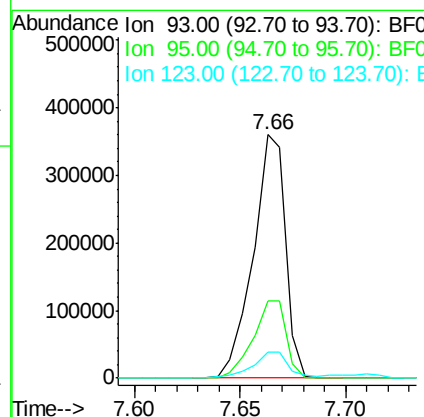
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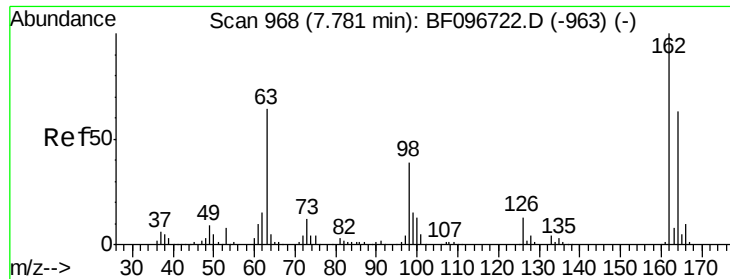
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#28
bis(2-Chloroethoxy)methane
Concen: 39.713 ng
RT: 7.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	384700		
95	32.0	26.5	39.7	
123	10.6	9.0	13.4	





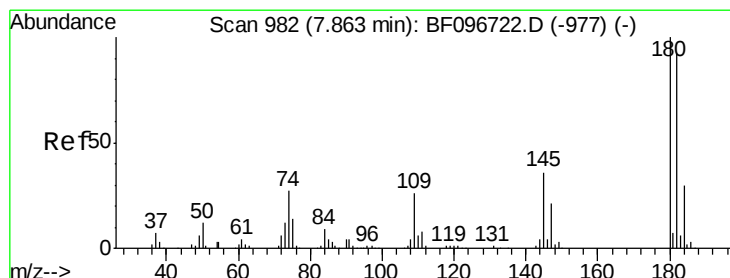
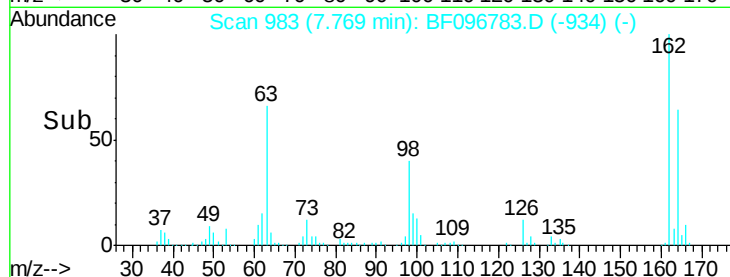
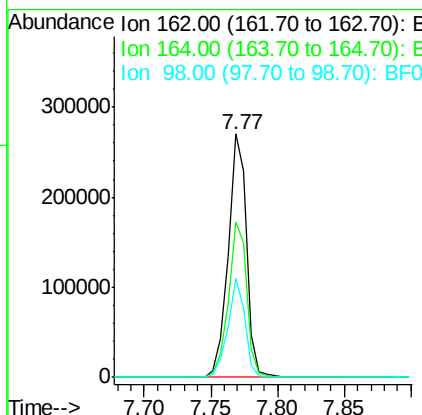
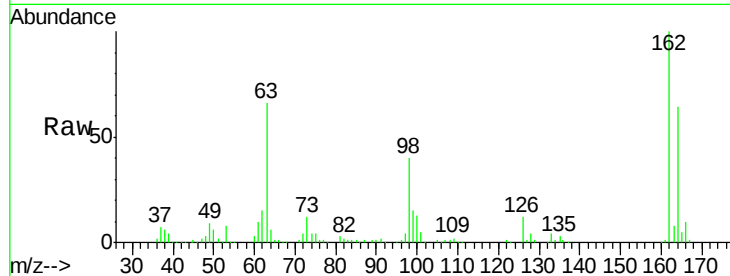
#29
2,4-Dichlorophenol
Concen: 39.862 ng
RT: 7.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	44.6	84.6
98	40.4	14.8	54.8

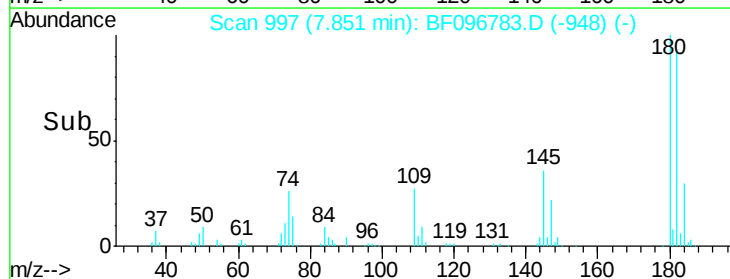
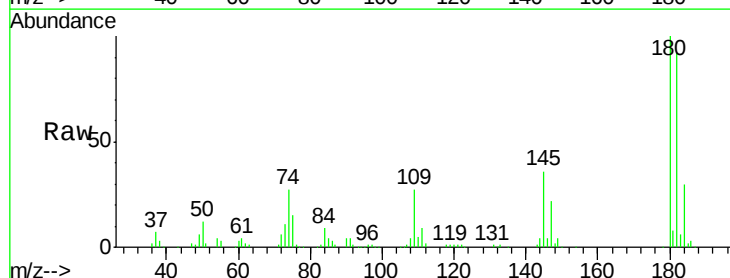
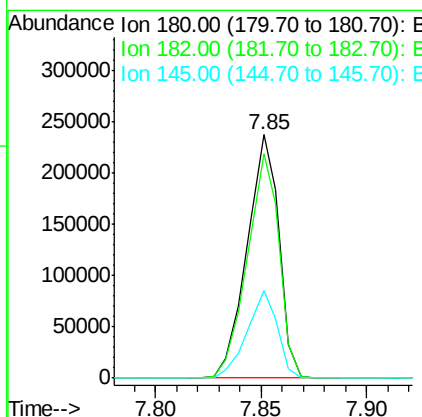
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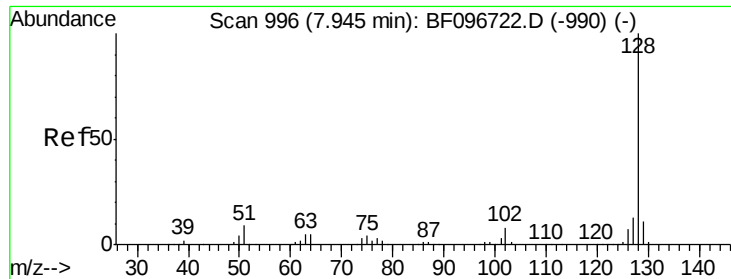
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#30
1,2,4-Trichlorobenzene
Concen: 39.647 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.2	75.8	113.6
145	36.1	25.3	37.9





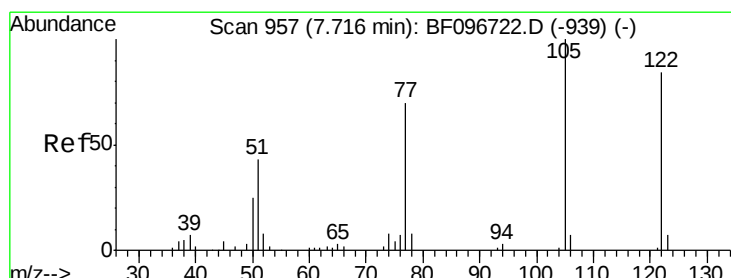
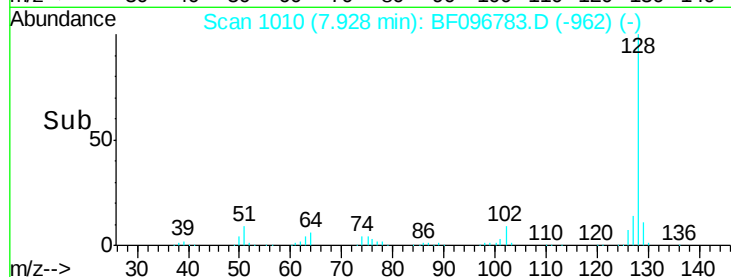
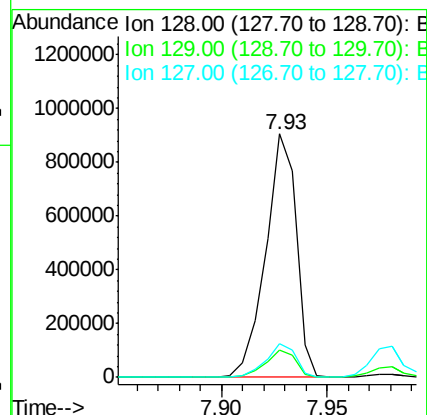
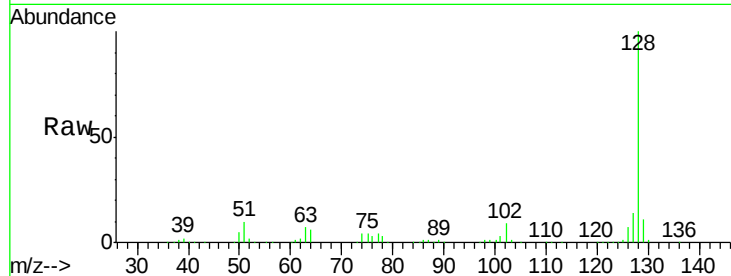
#31
Naphthalene
Concen: 40.475 ng
RT: 7.93 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.7	10.8	16.2

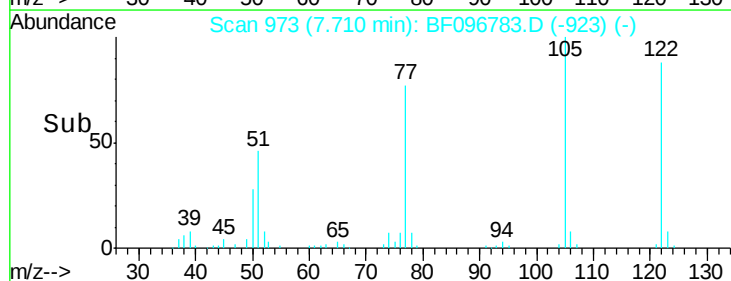
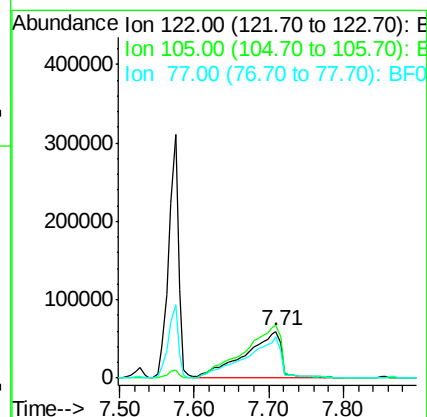
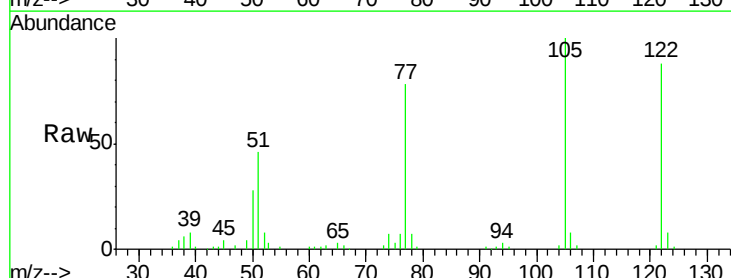
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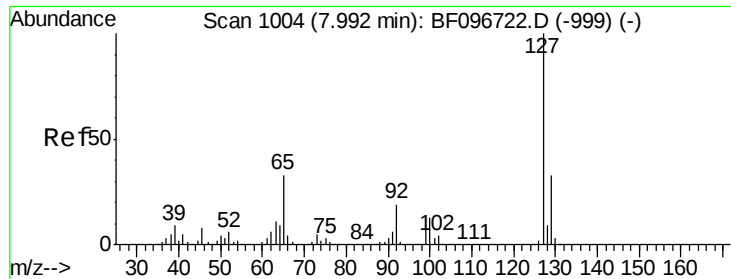
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#32
Benzoic acid
Concen: 43.884 ng
RT: 7.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.5	103.3	143.3
77	88.1	73.7	113.7





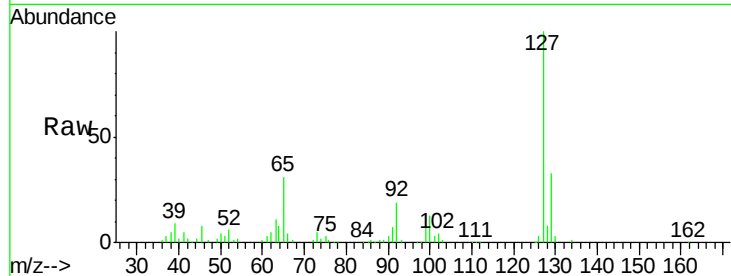
#33
4-Chloroaniline
Concen: 14.843 ng
RT: 7.98 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

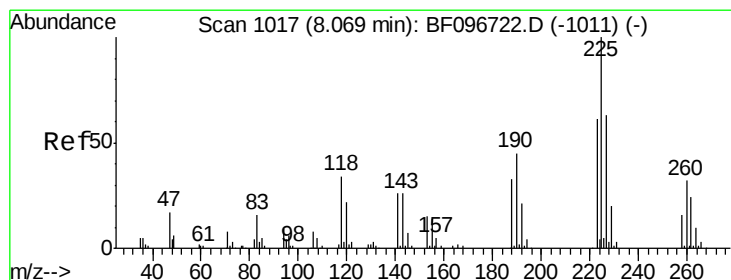
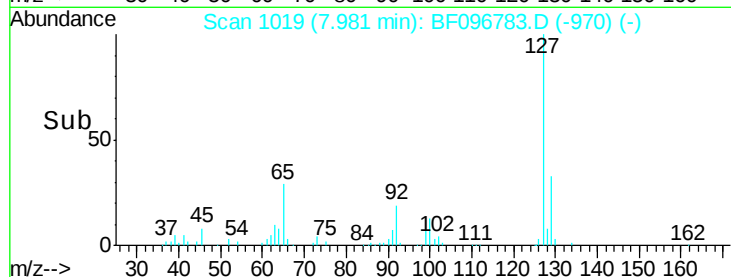
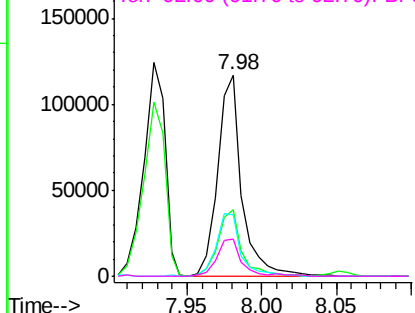
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	132974		
129	33.0	26.2	39.2	
65	30.8	27.8	41.8	
92	18.7	16.8	25.2	

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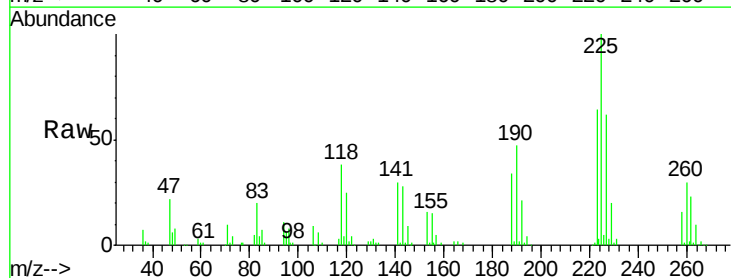


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

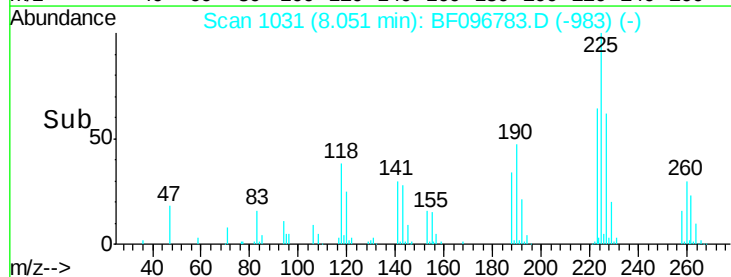
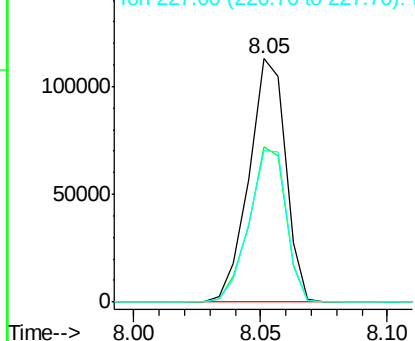


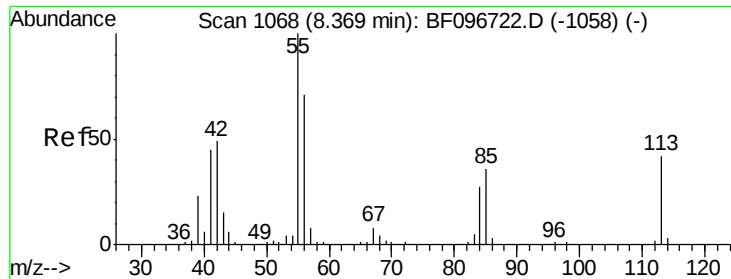
#34
Hexachlorobutadiene
Concen: 34.088 ng
RT: 8.05 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114183		
223	63.8	48.8	73.2	
227	62.0	51.1	76.7	



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





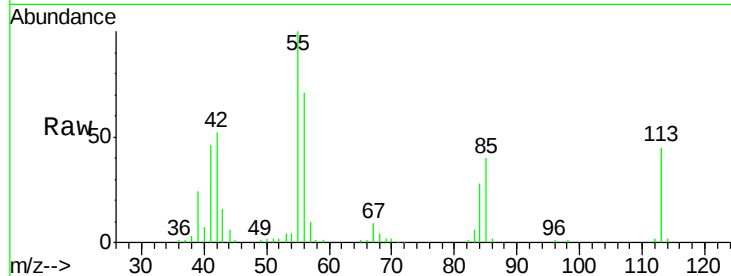
#35
Caprolactam
Concen: 39.454 ng m
RT: 8.35 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

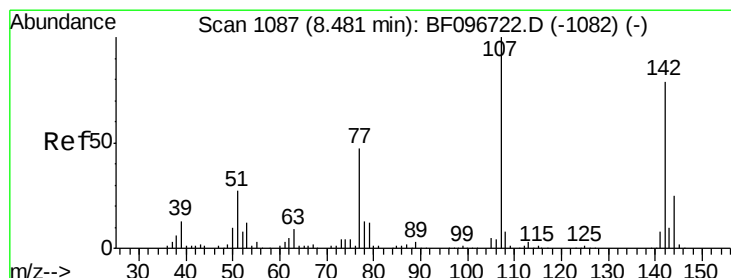
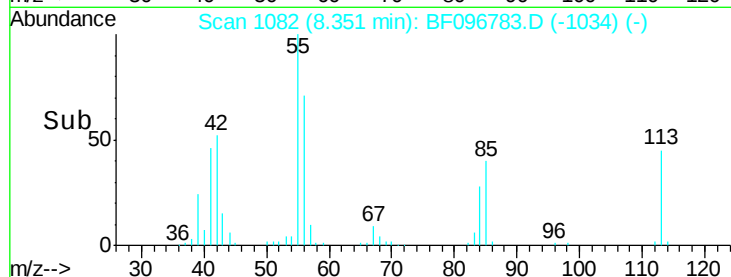
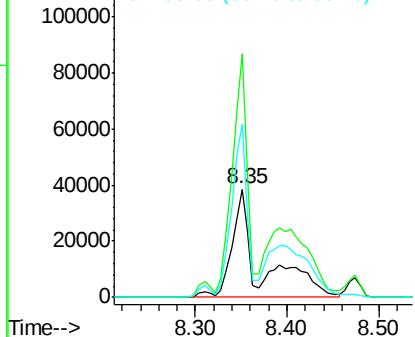
Tgt Ion:113 Resp: 83428
Ion Ratio Lower Upper
113 100
55 224.4 150.2 190.2#
56 159.9 107.8 147.8#

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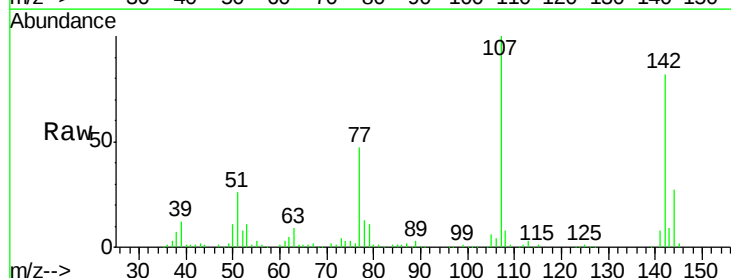


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

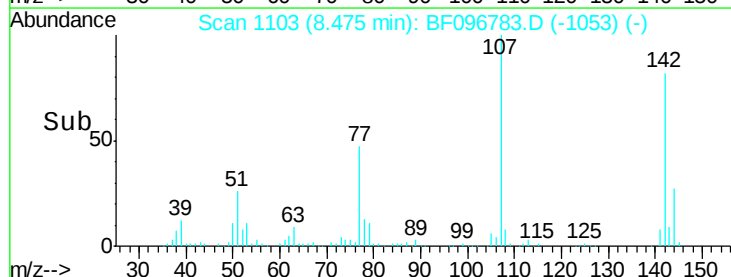
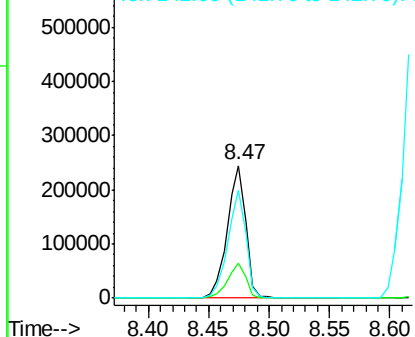


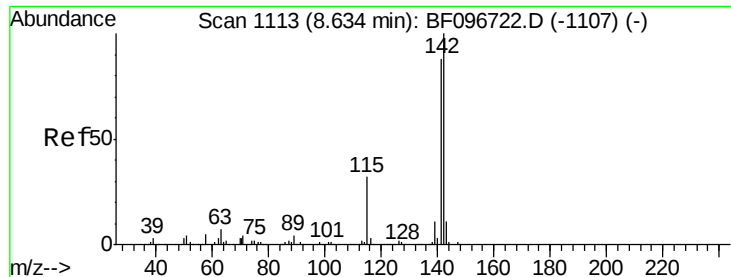
#36
4-Chloro-3-methylphenol
Concen: 36.574 ng
RT: 8.47 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion:107 Resp: 259531
Ion Ratio Lower Upper
107 100
144 26.6 24.2 36.4
142 81.7 73.4 110.0



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





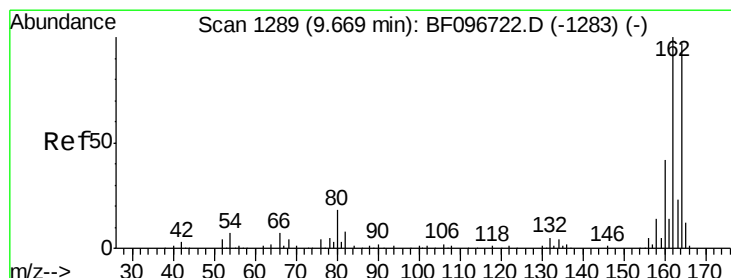
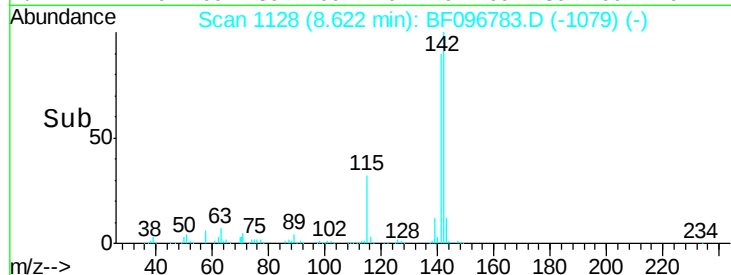
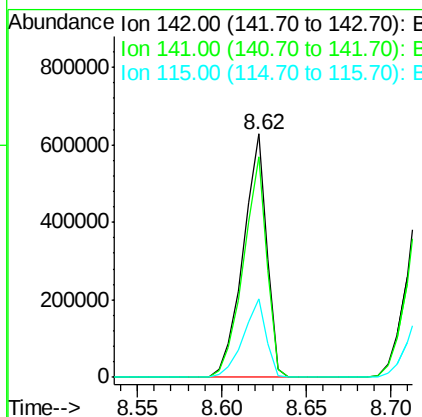
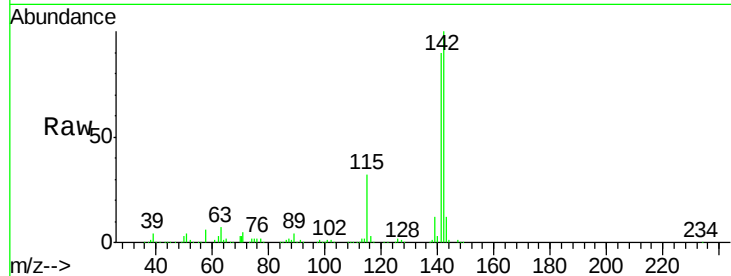
#37
 2-Methylnaphthalene
 Concen: 42.571 ng
 RT: 8.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	32.1	27.1	40.7

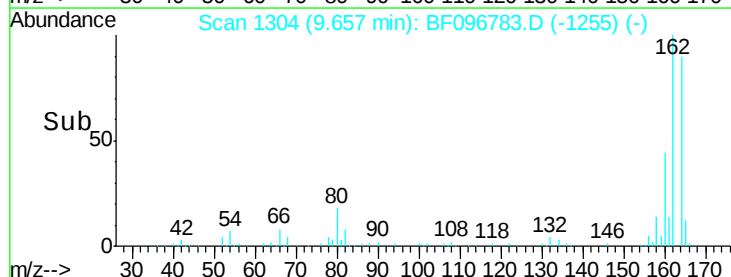
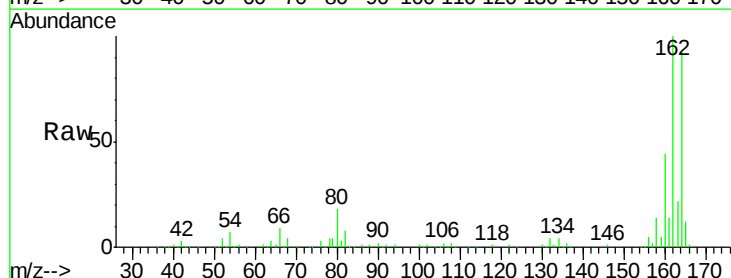
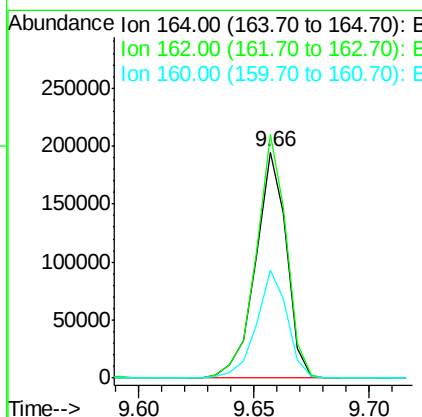
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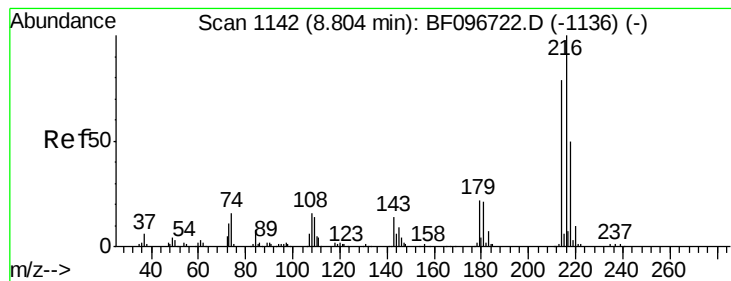
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.6	123.8
160	47.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.491 ng

RT: 8.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

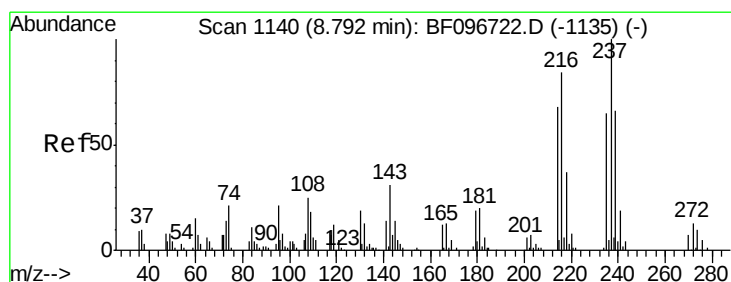
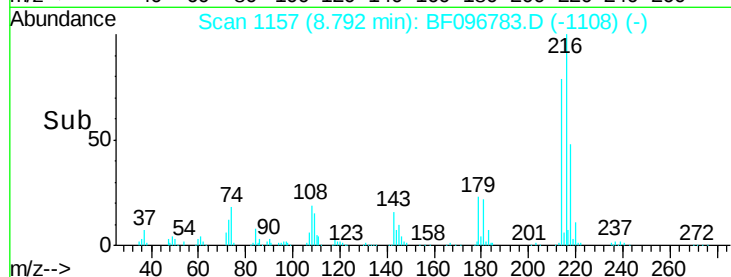
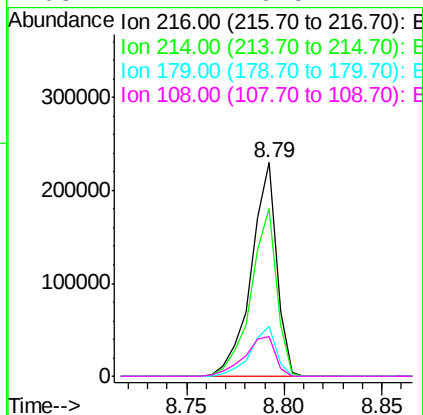
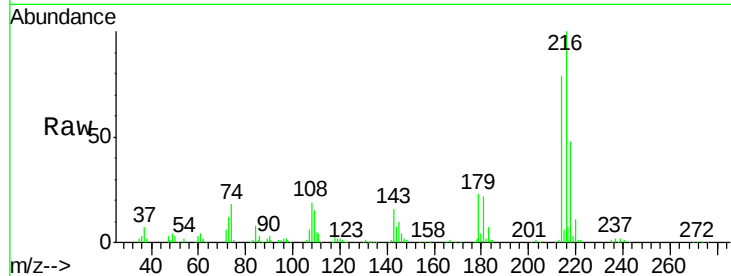
ClientSampleId :

PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	208232		
214	79.3	63.4	95.2	
179	23.1	17.9	26.9	
108	22.7	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 99.061 ng

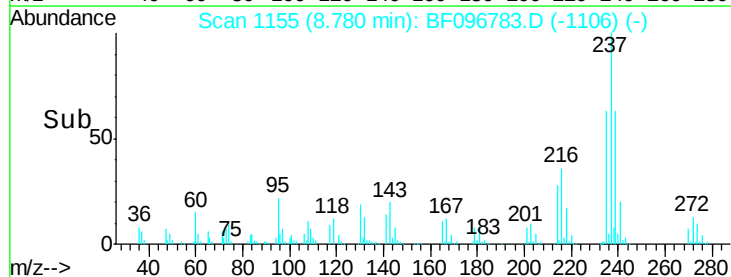
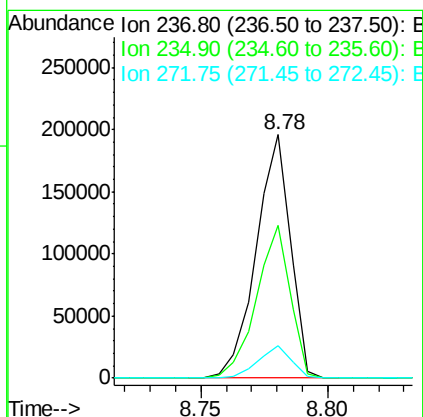
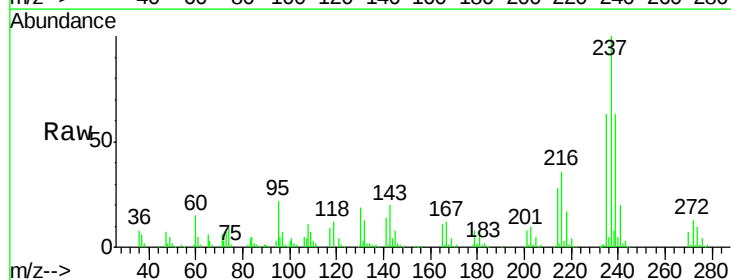
RT: 8.78 min Scan# 1155

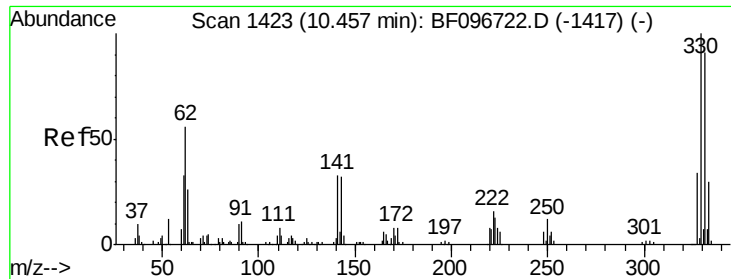
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	184918		
235	62.9	42.6	82.6	
272	13.5	0.0	31.9	





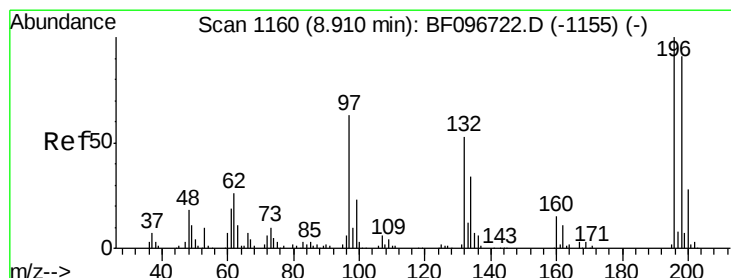
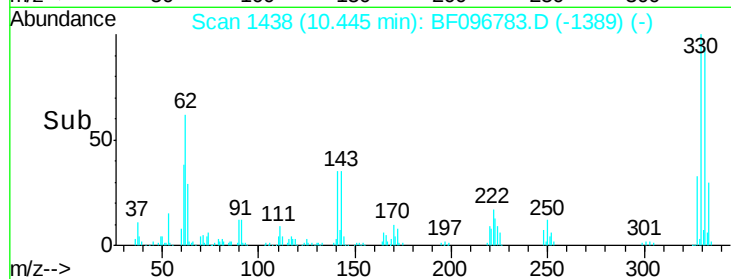
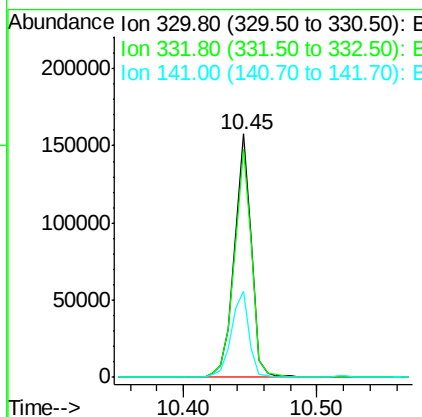
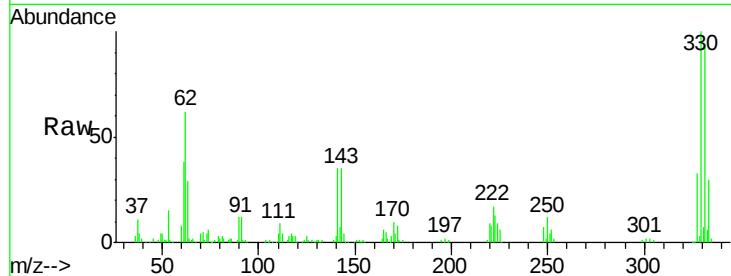
#41
 2,4,6-Tribromophenol
 Concen: 91.879 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	36.8	31.4	47.2

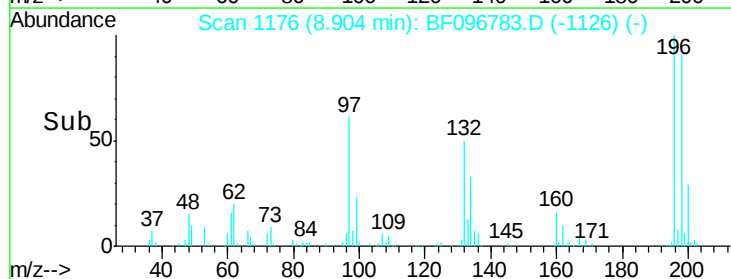
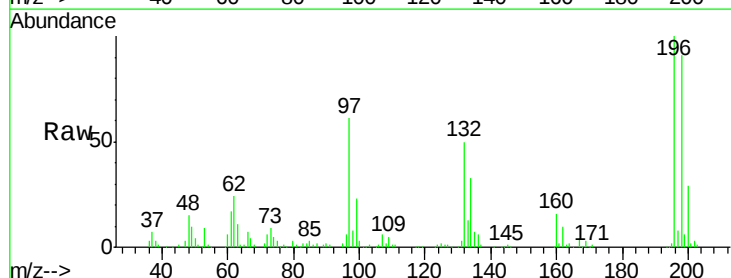
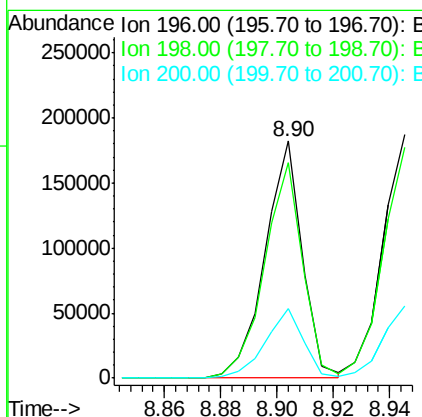
Manual Integrations
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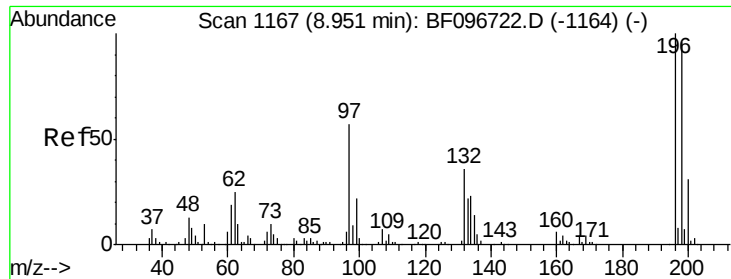
mohammad
 7/17/2017 3:56:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.120 ng
 RT: 8.90 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.0	74.2	111.4
200	29.2	24.0	36.0





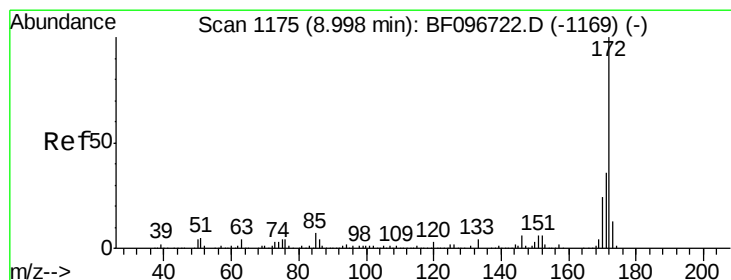
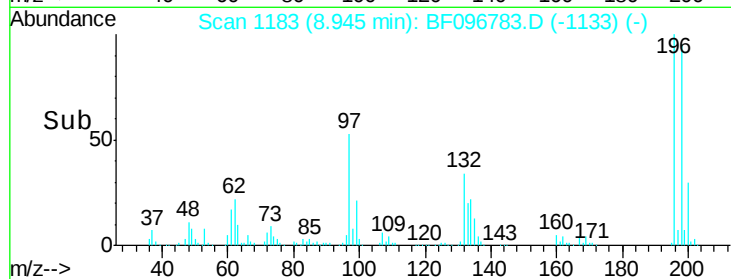
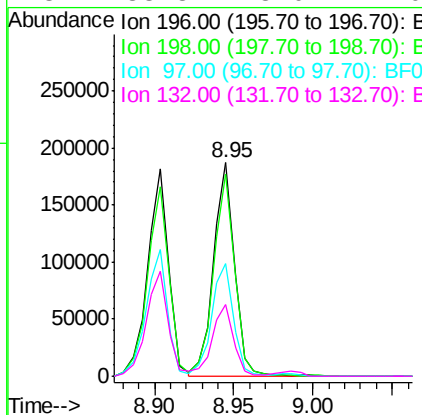
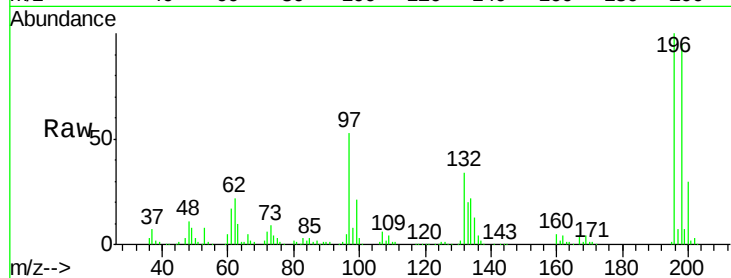
#43
 2,4,5-Trichlorophenol
 Concen: 47.054 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion:	196	Resp:	171544
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.7	113.5
97	52.7	47.7	71.5
132	33.8	28.0	42.0

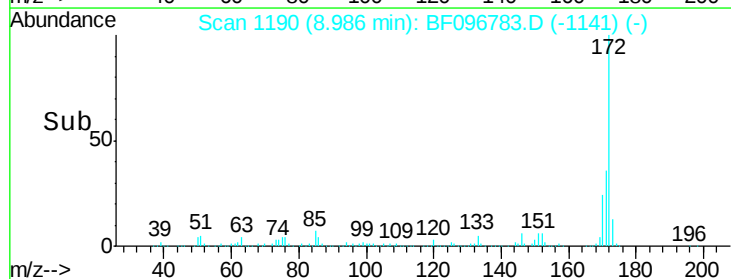
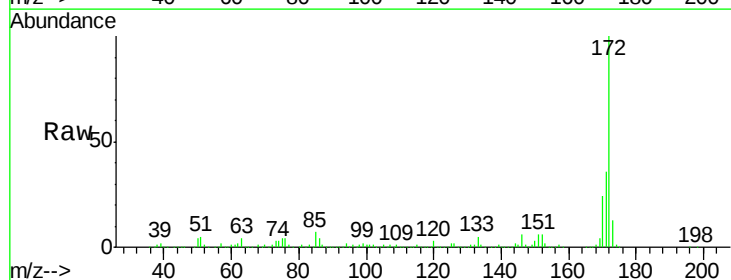
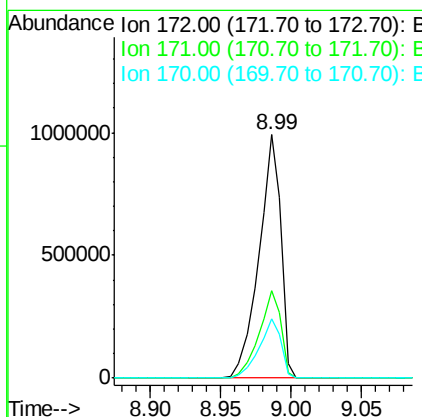
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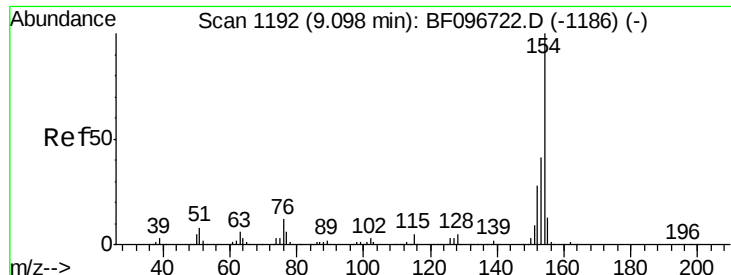
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 94.554 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:	172	Resp:	1084958
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8





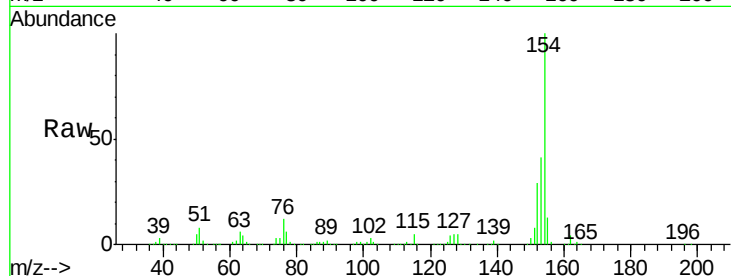
#45
1,1'-Biphenyl
Concen: 43.946 ng
RT: 9.09 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

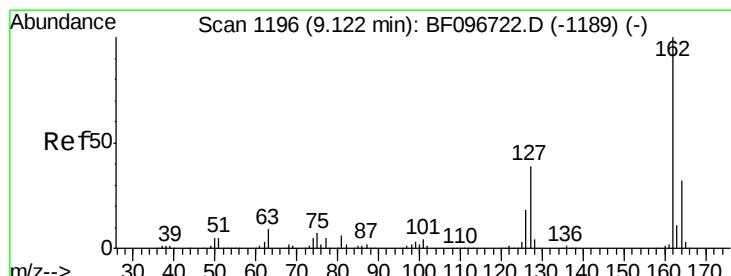
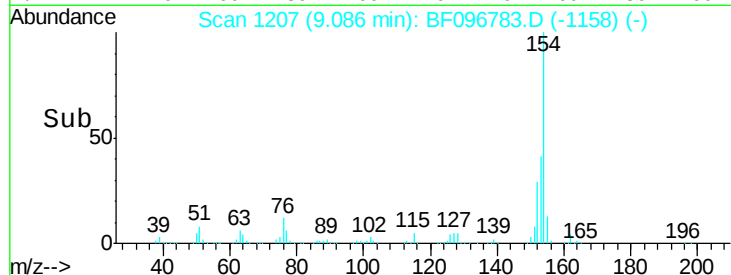
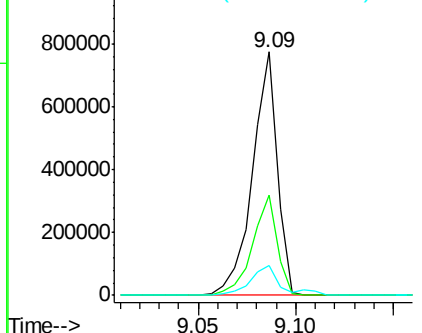
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.0	21.2	61.2
76	12.3	0.0	29.9

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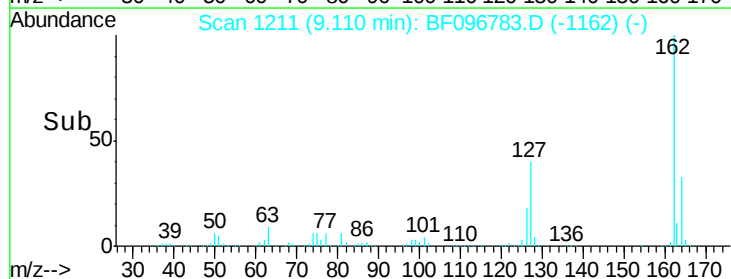
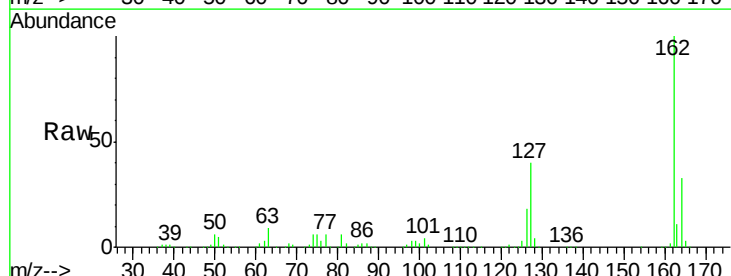
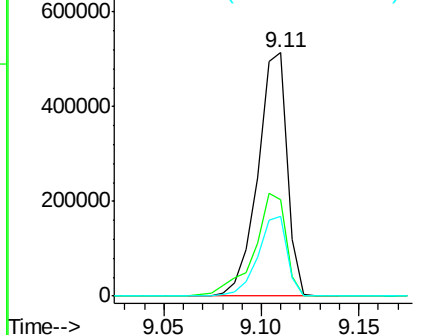
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

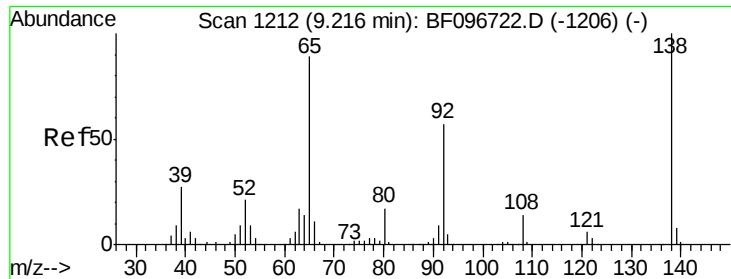


#46
2-Chloronaphthalene
Concen: 46.797 ng
RT: 9.11 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.7	28.3	42.5
164	32.9	27.0	40.4

Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





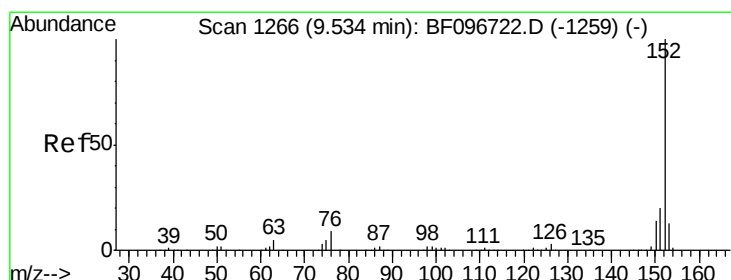
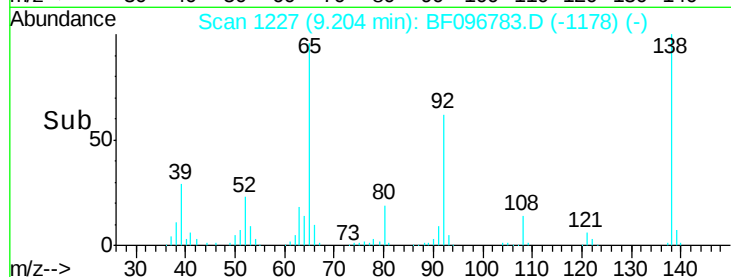
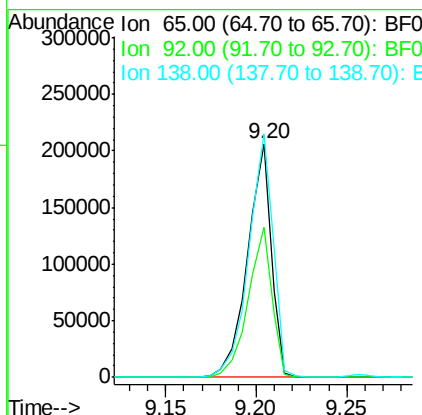
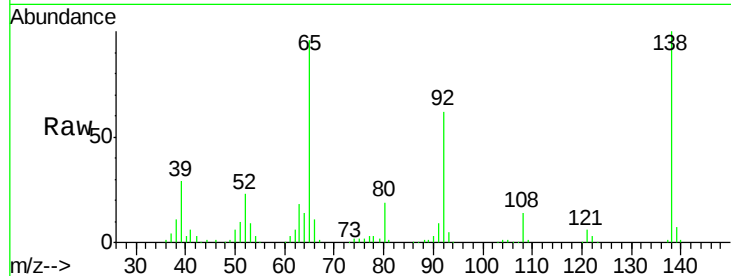
#47
2-Nitroaniline
Concen: 48.013 ng
RT: 9.20 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.9	80.9
138	104.1	78.8	118.2

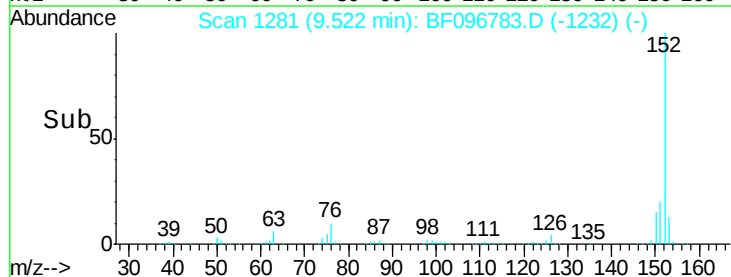
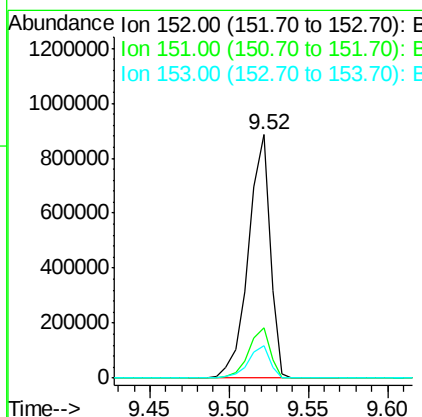
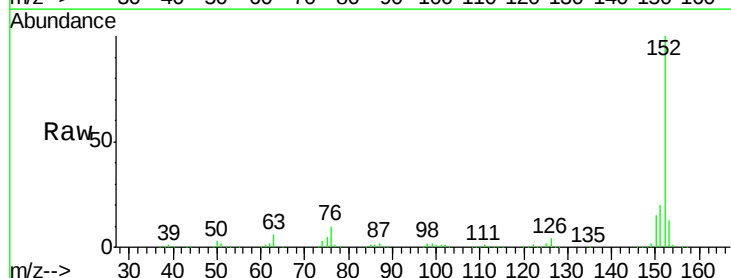
Manual Integrations
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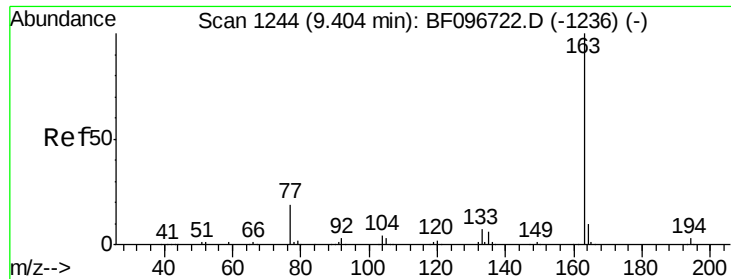
mohammad
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#48
Acenaphthylene
Concen: 46.169 ng
RT: 9.52 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.1	10.8	16.2





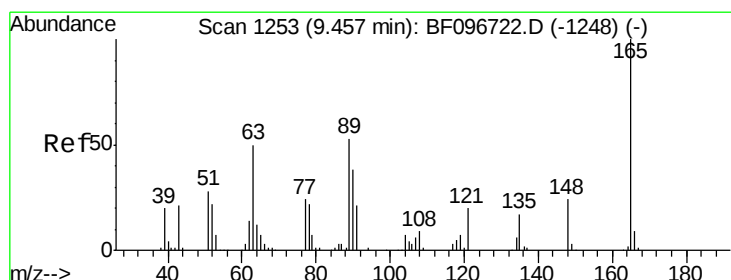
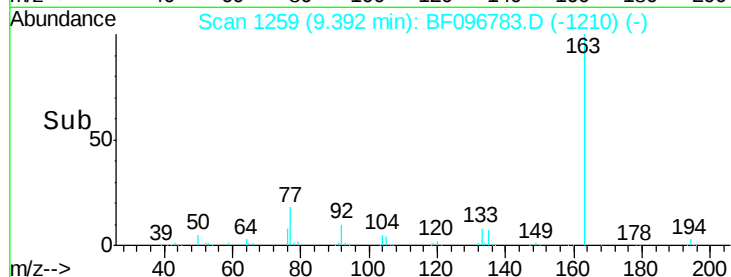
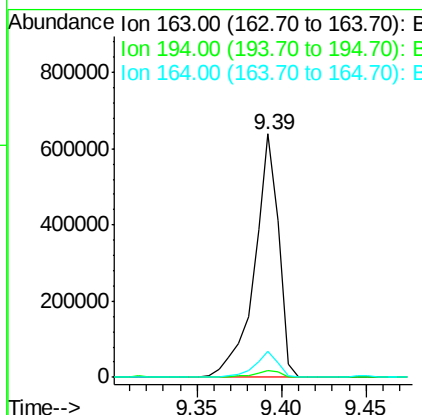
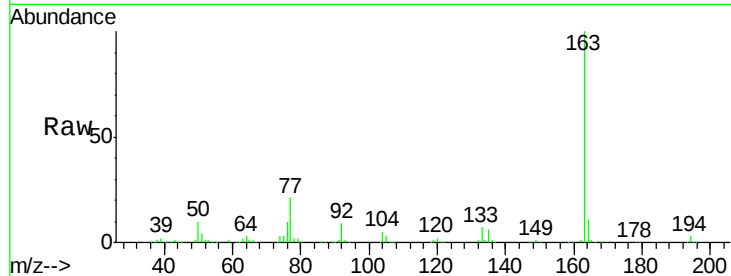
#49
Dimethylphthalate
Concen: 46.447 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	634018		
194	3.0	2.6	4.0	
164	10.6	8.4	12.6	

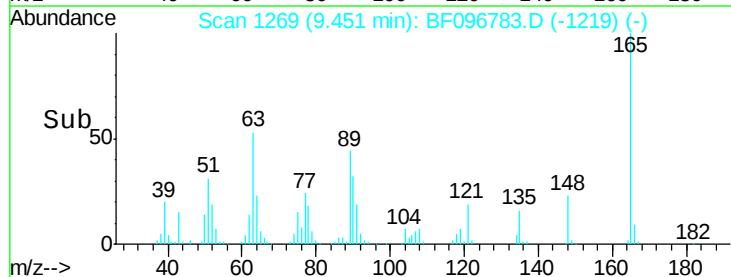
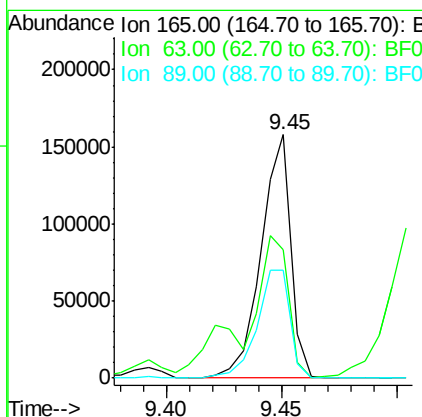
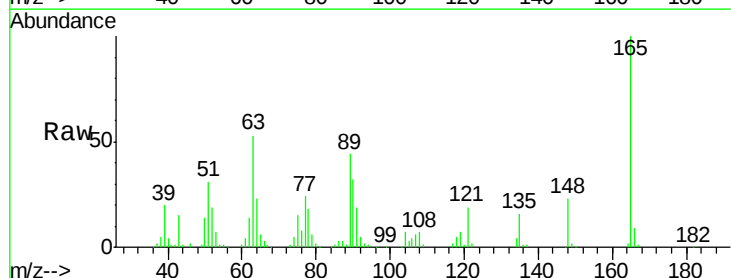
Manual Integrations
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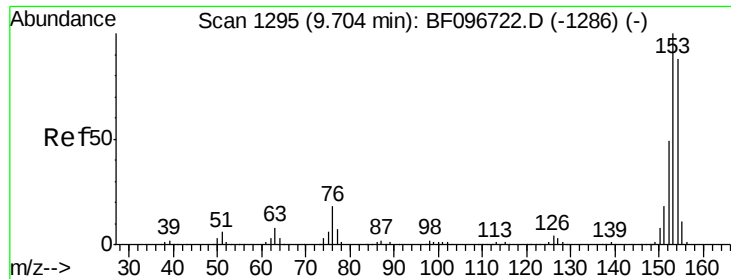
mohammad
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#50
2,6-Dinitrotoluene
Concen: 47.996 ng
RT: 9.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141907		
63	52.6	34.3	51.5#	
89	44.2	37.1	55.7	





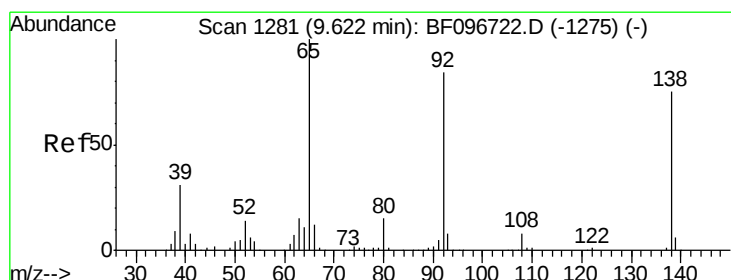
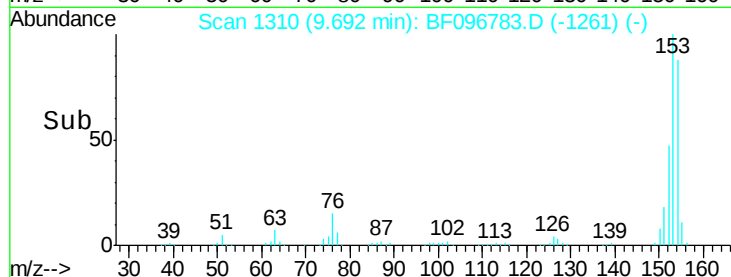
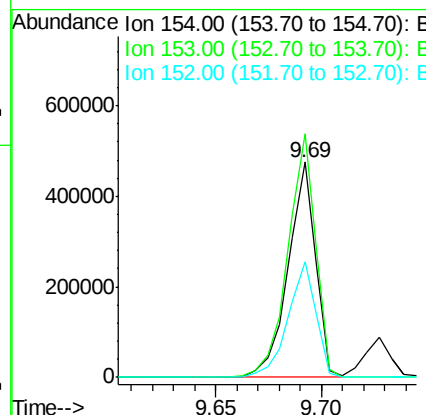
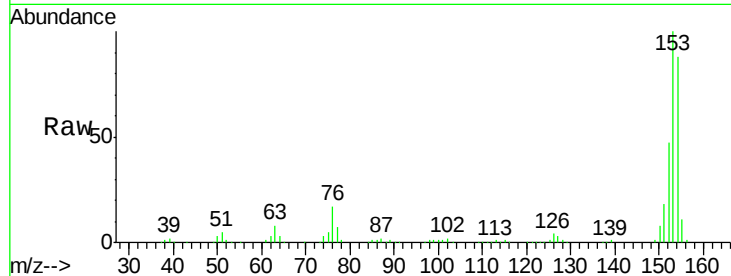
#51
Acenaphthene
Concen: 40.183 ng
RT: 9.69 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	433020		
153	113.1	90.5	135.7	
152	53.5	43.6	65.4	

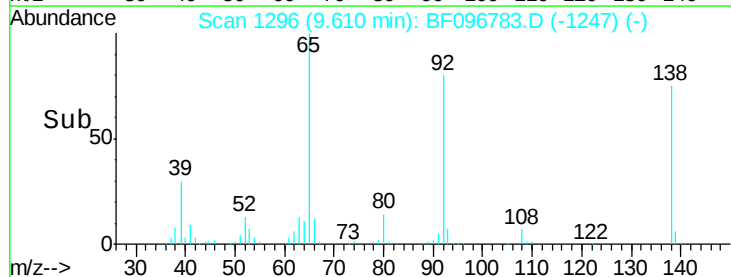
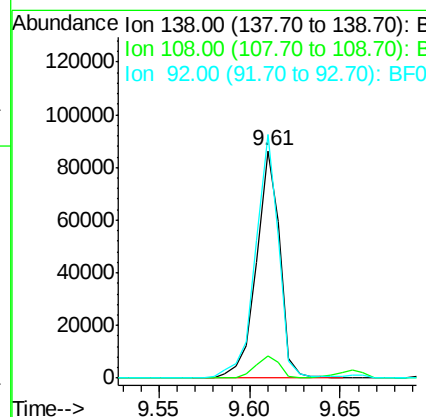
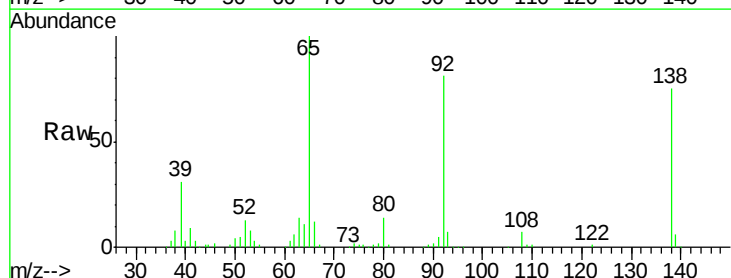
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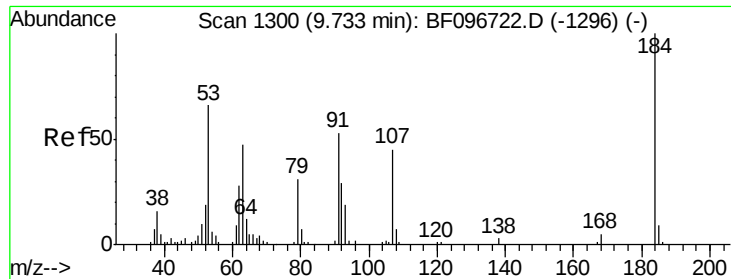
mohammad
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#52
3-Nitroaniline
Concen: 22.024 ng
RT: 9.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	77142		
108	9.7	9.1	13.7	
92	107.2	93.8	140.6	





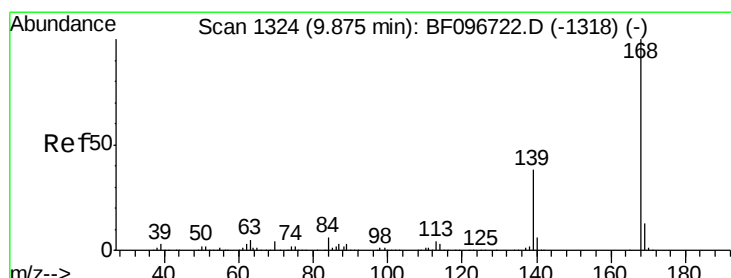
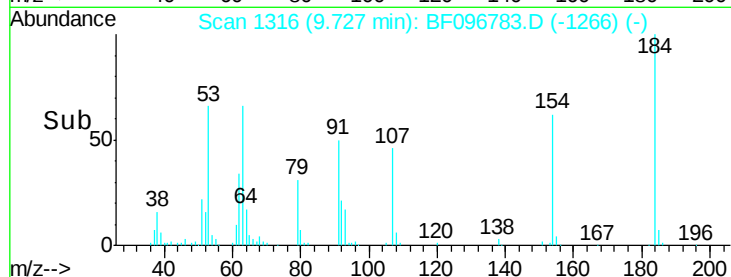
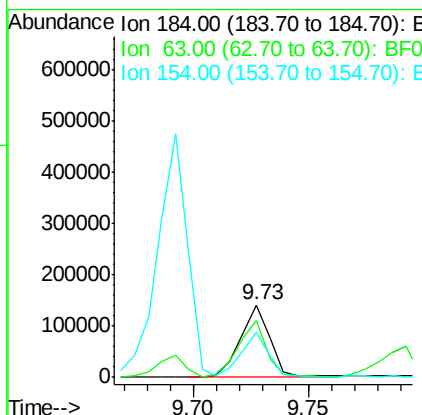
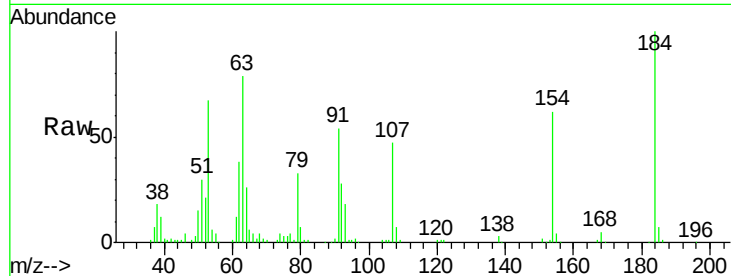
#53
2,4-Dinitrophenol
Concen: 86.480 ng
RT: 9.73 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	127477		
63	78.9	62.7	94.1	
154	61.8	81.1	121.7	

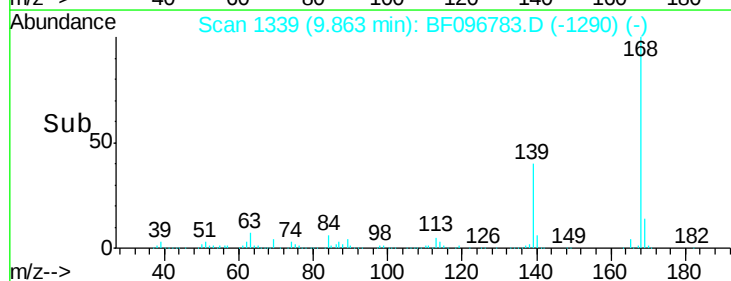
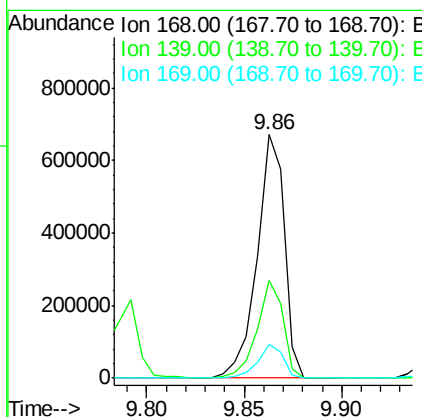
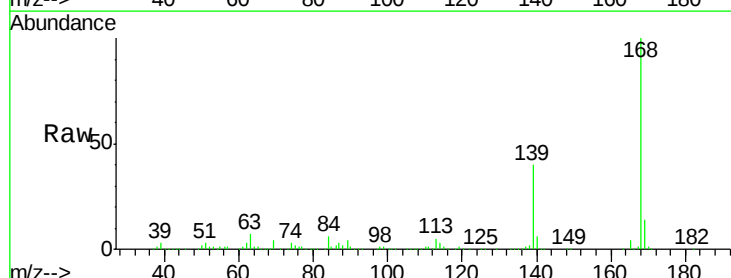
Manual Integrations
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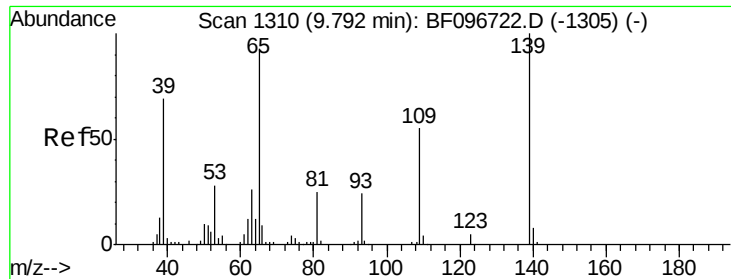
mohammad
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#54
Dibenzofuran
Concen: 43.046 ng
RT: 9.86 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	650026		
139	40.4	30.6	45.8	
169	13.7	10.8	16.2	





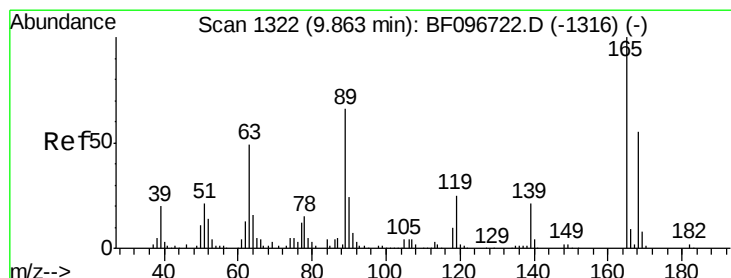
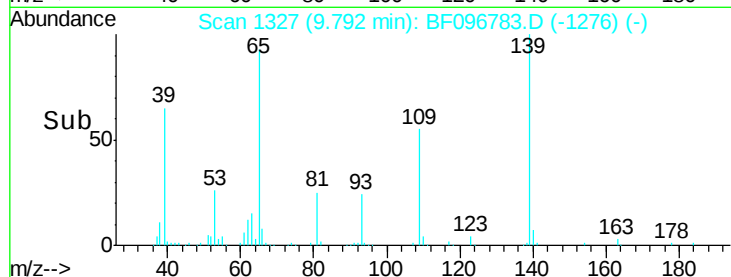
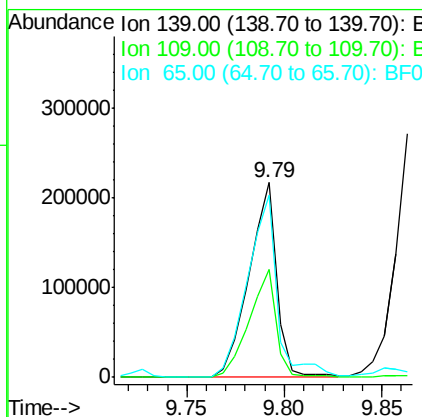
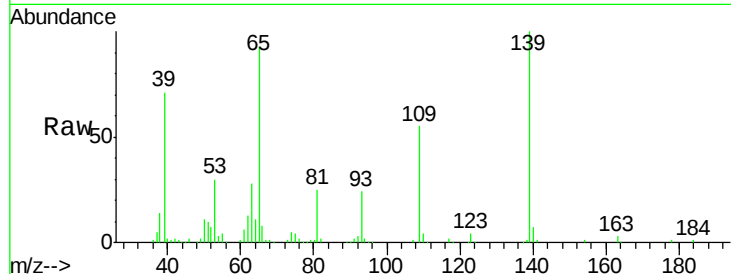
#55
4-Nitrophenol
Concen: 83.746 ng
RT: 9.79 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	214299		
109	55.4	34.1	74.1	
65	93.3	31.4	71.4	

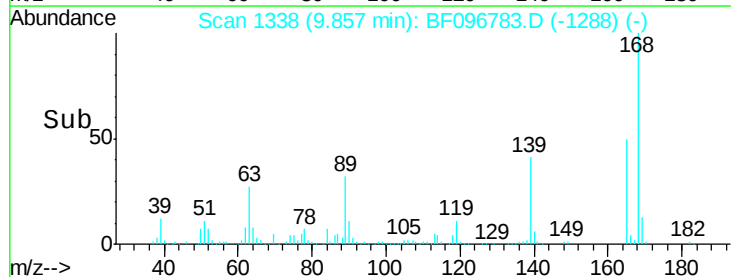
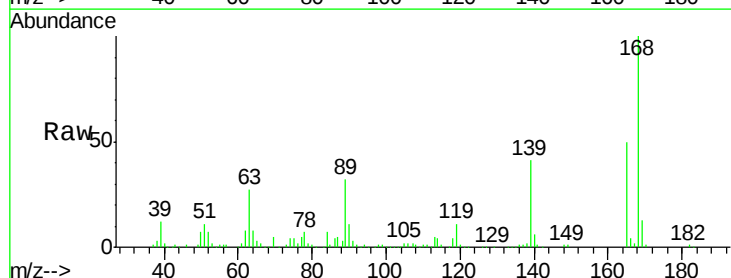
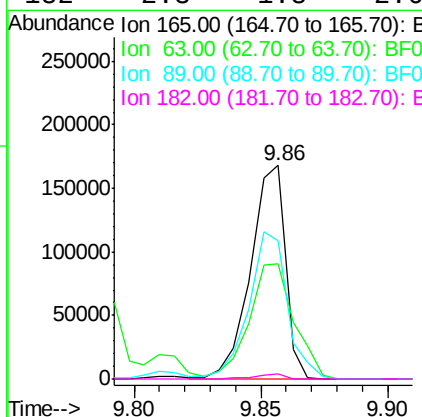
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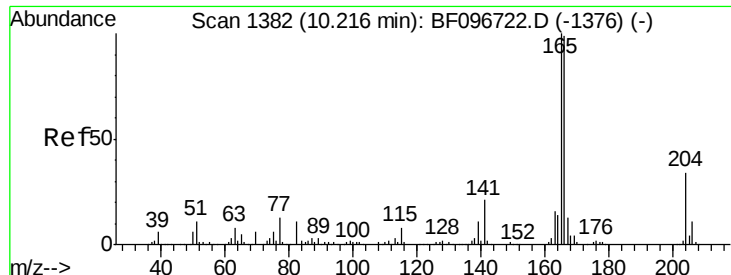
mohammad
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#56
2,4-Dinitrotoluene
Concen: 42.720 ng
RT: 9.86 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	162306		
63	54.0	25.4	38.0	
89	64.7	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 43.319 ng

RT: 10.20 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

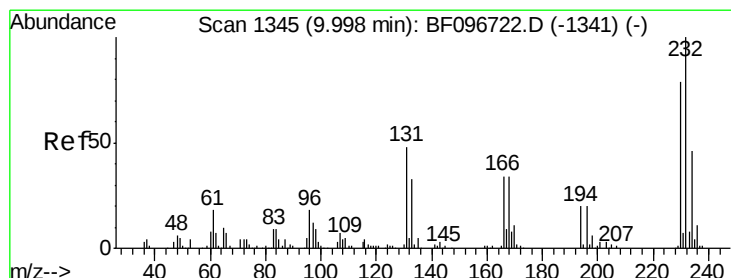
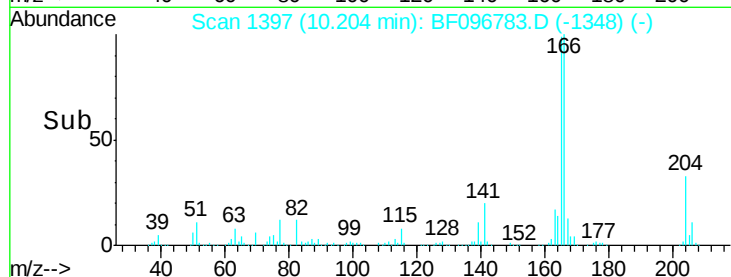
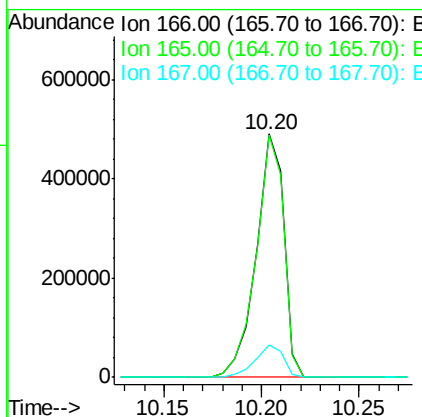
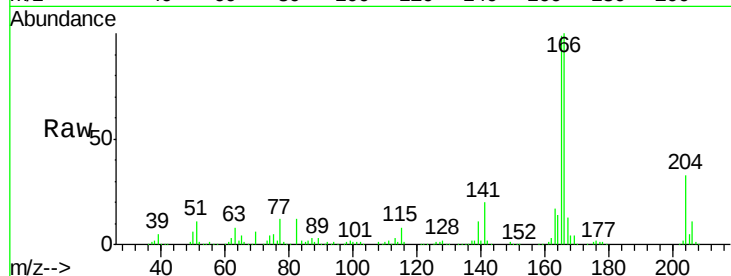
ClientSampleId :

PB100646BS

Tgt Ion:	166	Resp:	483391
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.8	118.2
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.476 ng

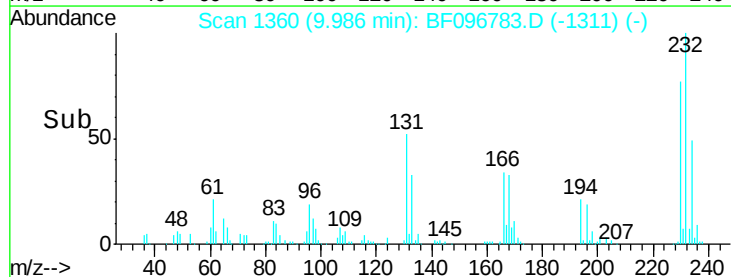
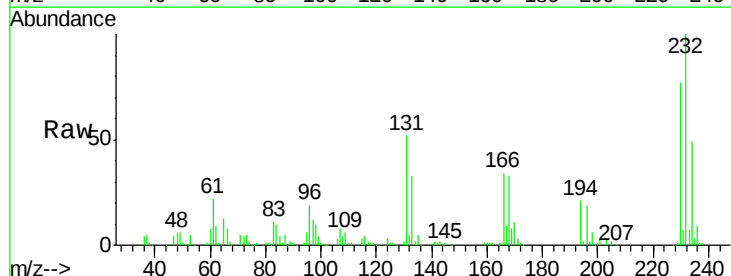
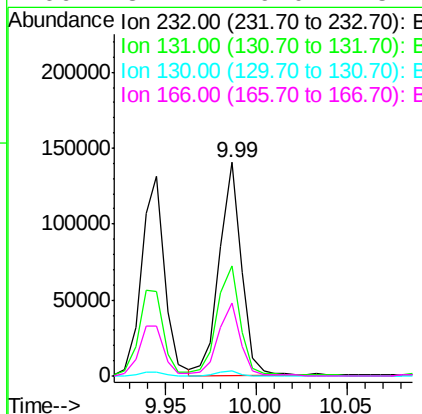
RT: 9.99 min Scan# 1360

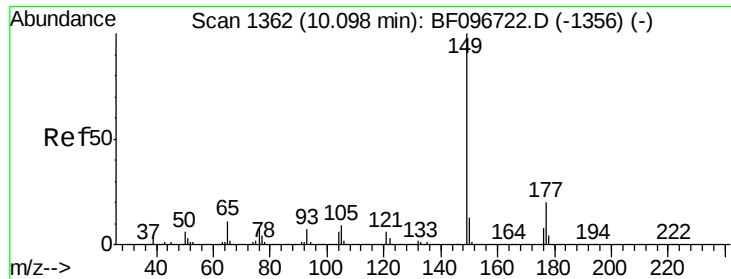
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:	232	Resp:	120037
Ion Ratio	Lower	Upper	
232	100		
131	55.6	44.8	67.2
130	2.3	2.3	3.5
166	34.4	29.0	43.4





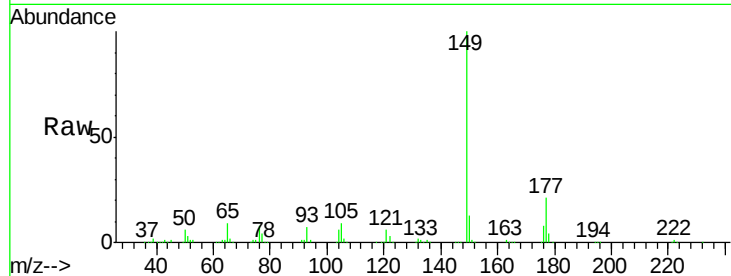
#59
Diethylphthalate
Concen: 40.896 ng
RT: 10.09 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

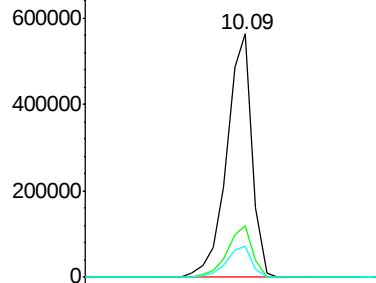
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.7	10.2	15.2

Manual Integrations
APPROVED

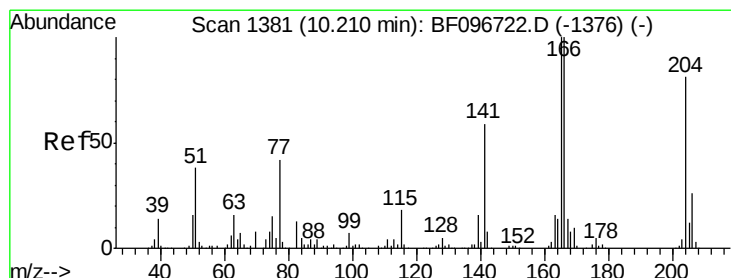
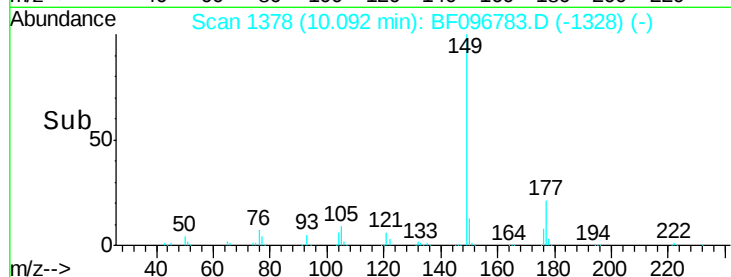
mohammad
7/17/2017 3:56:55 PM



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

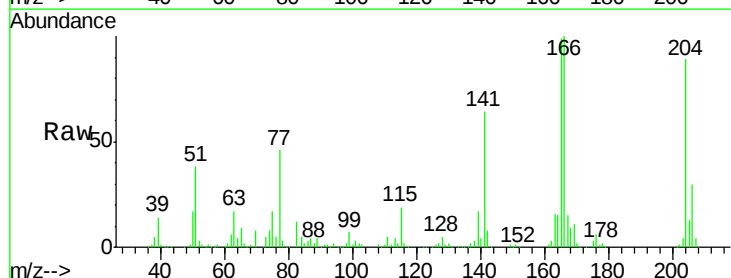


Time-->

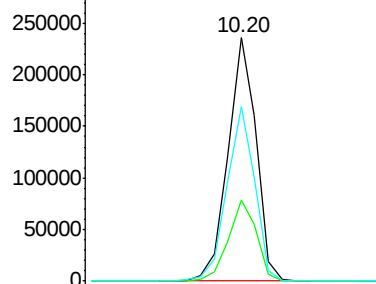


#60
4-Chlorophenyl-phenylether
Concen: 42.796 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

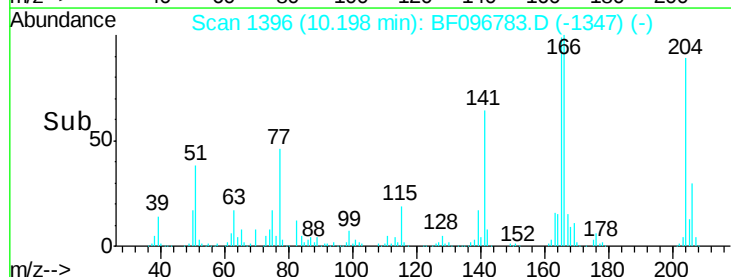
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	71.8	60.8	91.2

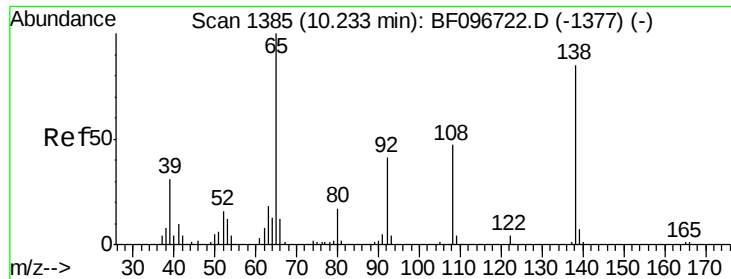


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





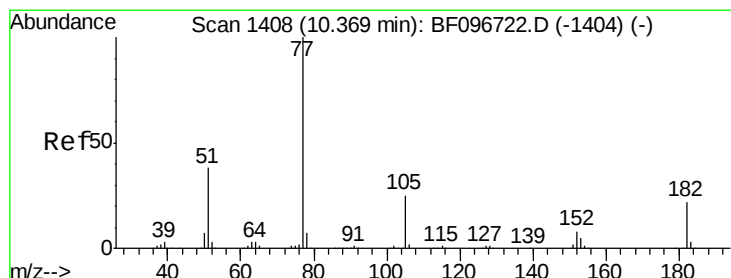
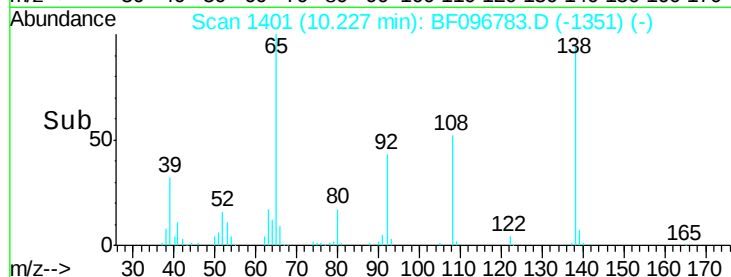
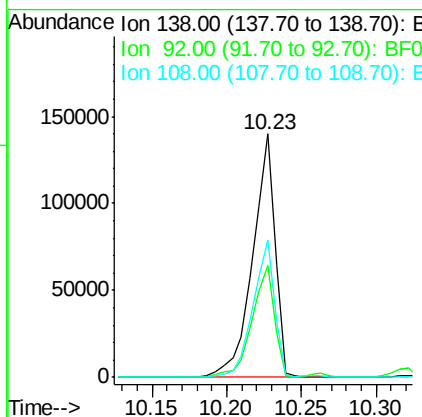
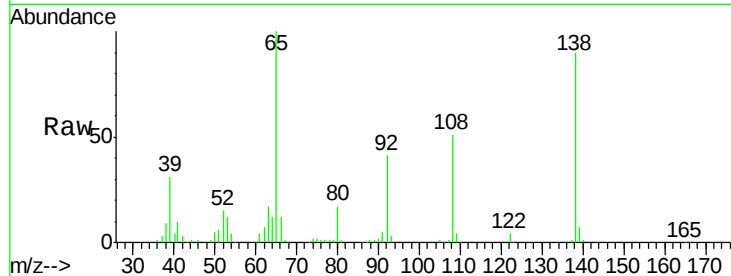
#61
4-Nitroaniline
Concen: 44.039 ng
RT: 10.23 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	144850		
92	45.8	21.8	61.8	
108	56.5	42.3	82.3	

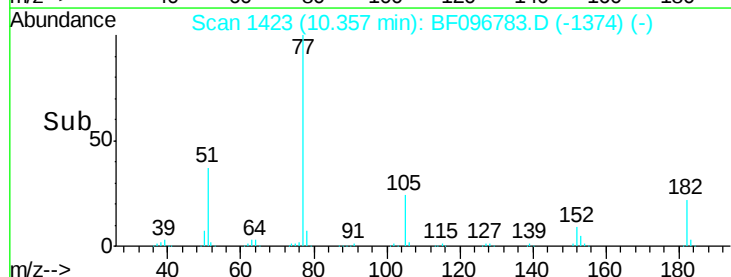
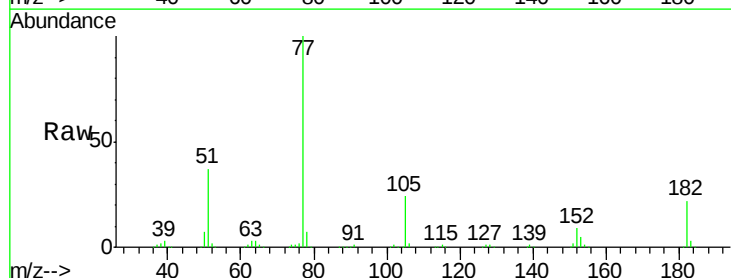
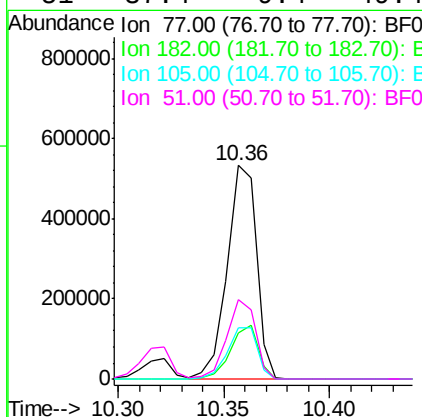
Manual Integrations
APPROVED

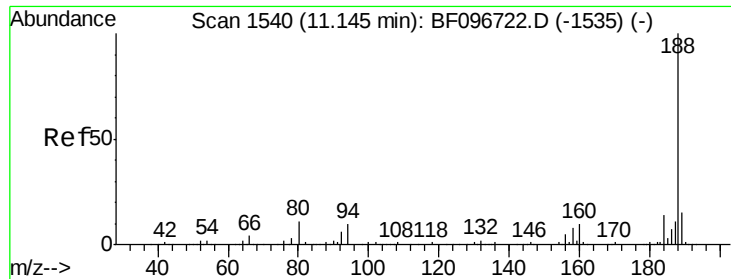
mohammad
7/17/2017 3:56:55 PM



#62
Azobenzene
Concen: 43.610 ng
RT: 10.36 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	511247		
182	21.6	0.1	40.1	
105	24.3	3.6	43.6	
51	37.4	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

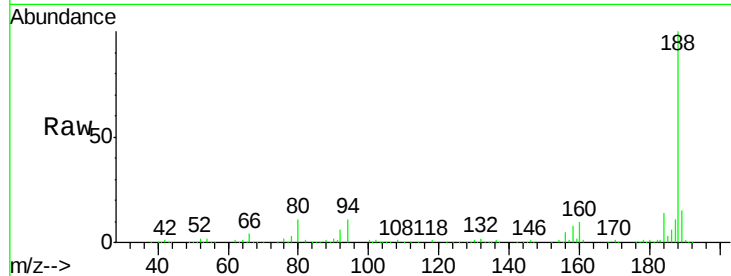
ClientSampleId :

PB100646BS

Tgt Ion:	188	Resp:	318021
Ion Ratio	Lower	Upper	
188	100		
94	11.0	9.4	14.2
80	11.5	10.2	15.2

Manual Integrations
APPROVED

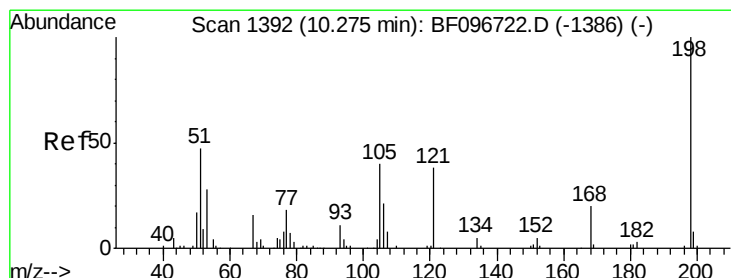
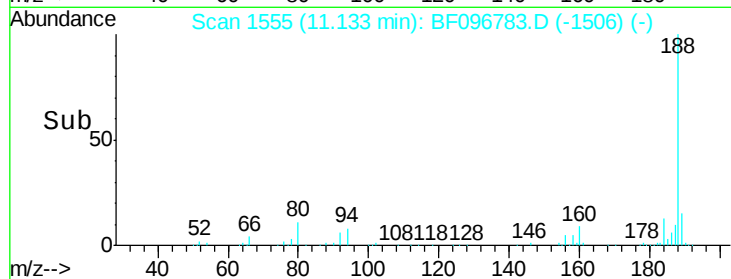
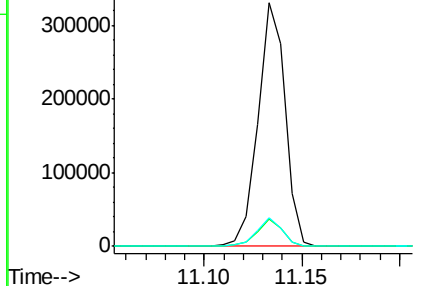
mohammad
7/17/2017 3:56:55 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.513 ng

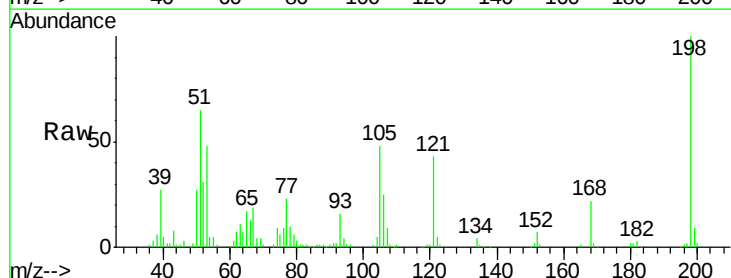
RT: 10.26 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

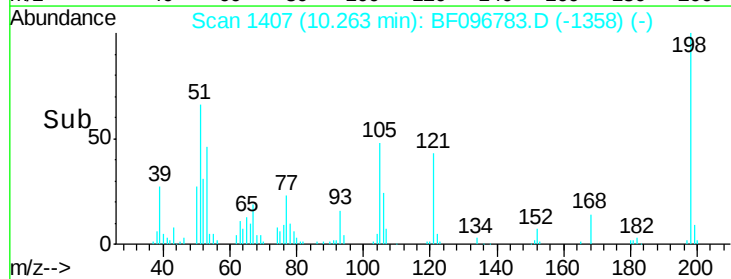
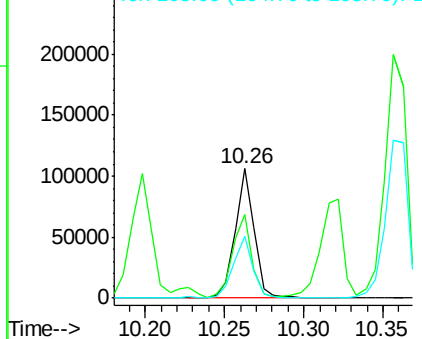
Tgt Ion:	198	Resp:	88879
Ion Ratio	Lower	Upper	
198	100		
51	64.6	53.2	93.2
105	47.5	45.8	85.8

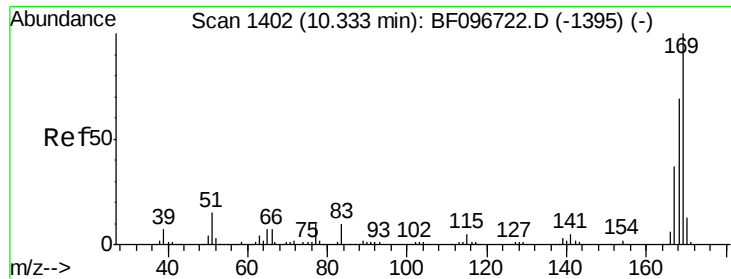


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





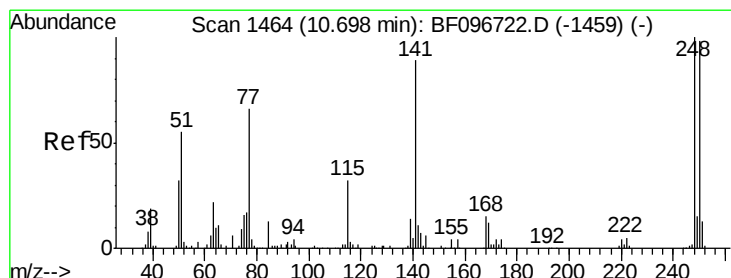
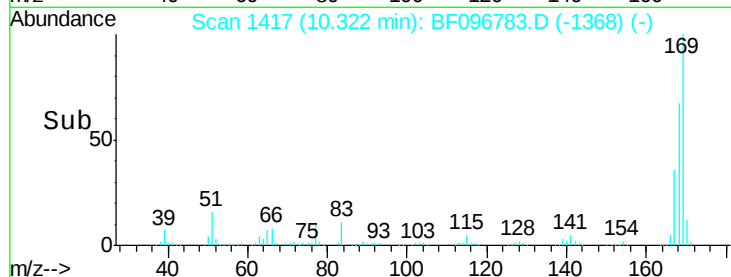
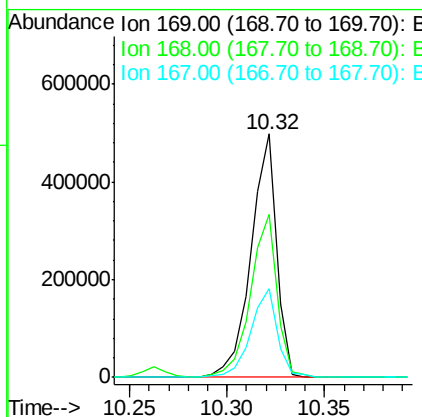
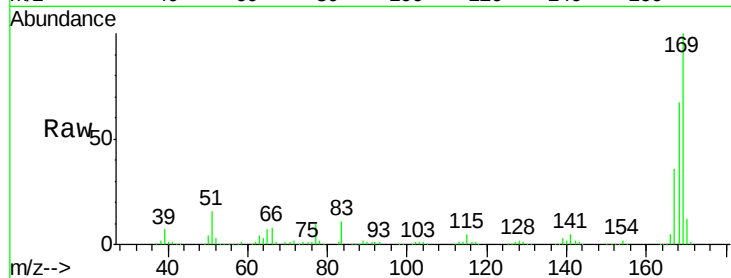
#65
 n-Nitrosodiphenylamine
 Concen: 39.954 ng
 RT: 10.32 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	454193		
168	67.0	53.2	79.8	
167	36.4	29.5	44.3	

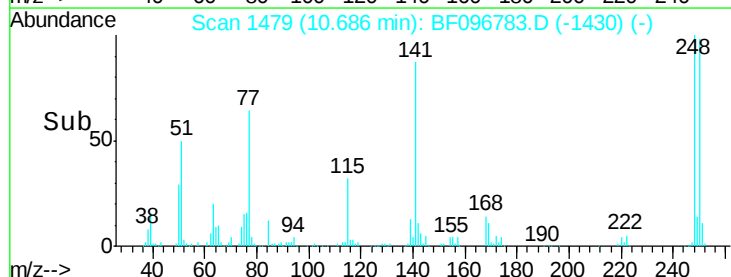
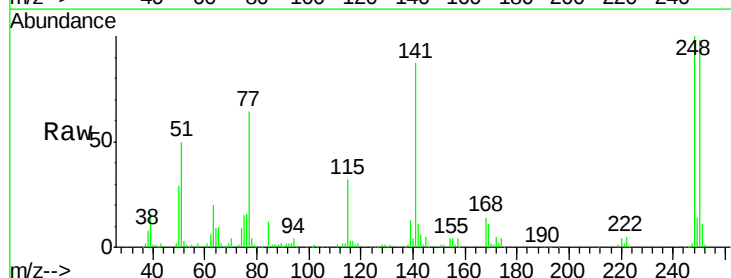
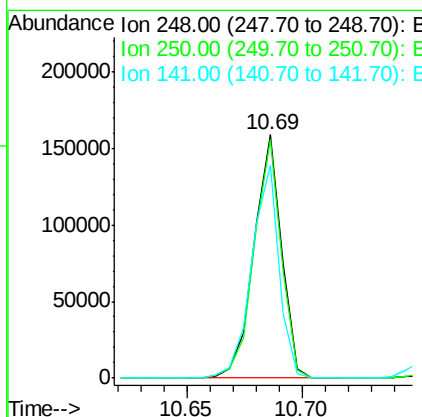
Manual Integrations
 APPROVED

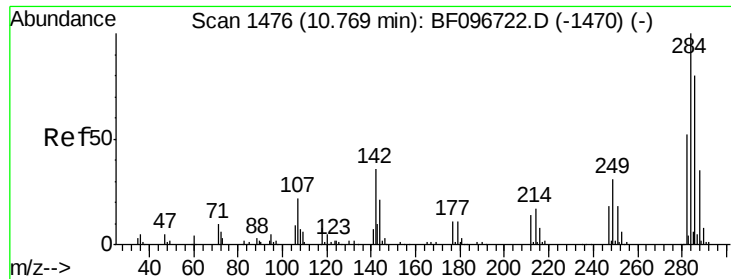
mohammad
 7/17/2017 3:56:55 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.078 ng
 RT: 10.69 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	133376		
250	98.1	76.8	115.2	
141	87.2	68.6	103.0	





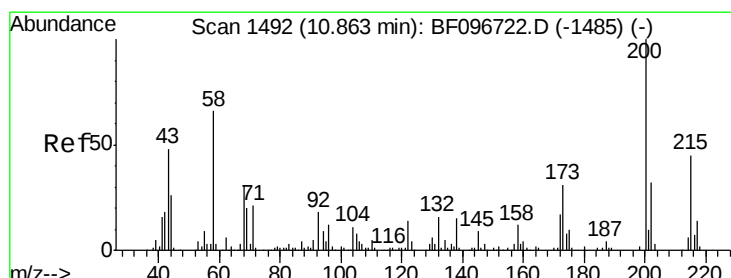
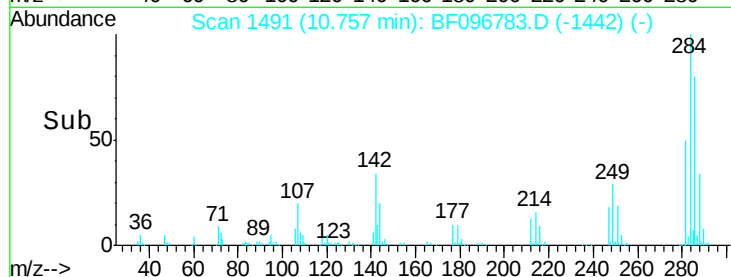
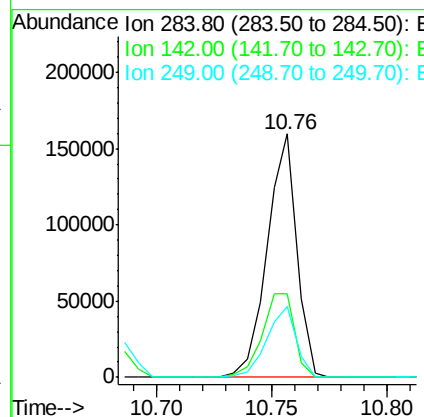
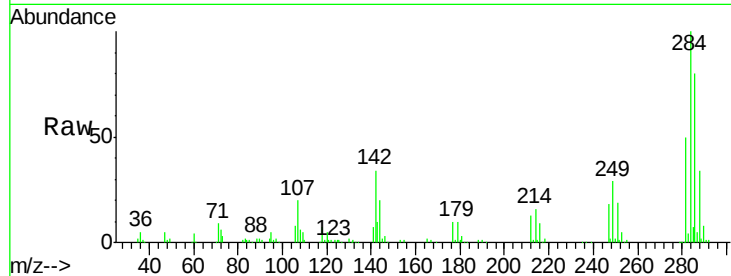
#67
Hexachlorobenzene
Concen: 39.374 ng
RT: 10.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	34.4	22.8	34.2#
249	29.0	24.0	36.0

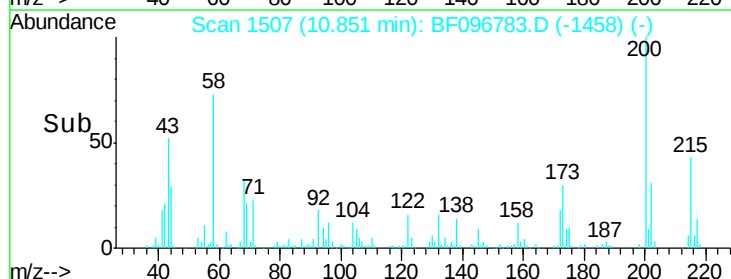
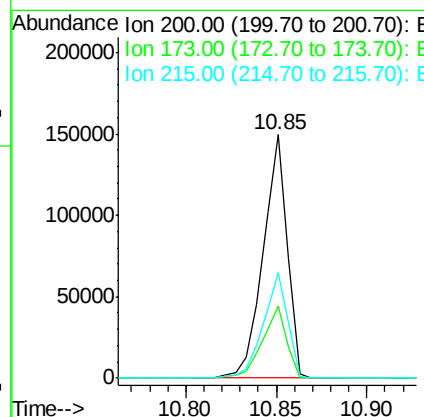
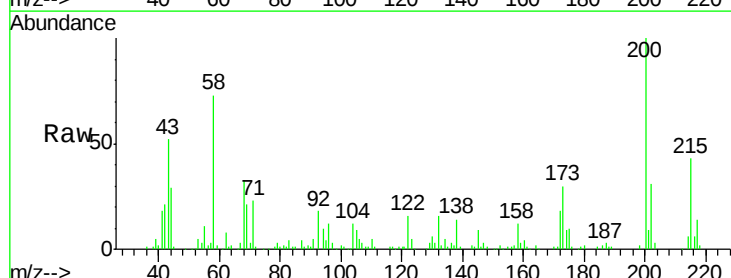
Manual Integrations
APPROVED

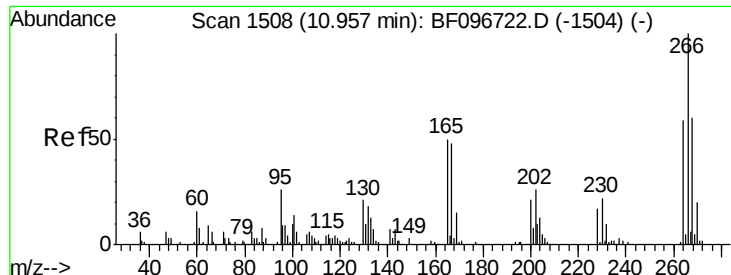
mohammad
7/17/2017 3:56:55 PM



#68
Atrazine
Concen: 42.648 ng
RT: 10.85 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.8	6.3	46.3
215	43.4	27.2	67.2





#69

Pentachlorophenol

Concen: 80.984 ng

RT: 10.95 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

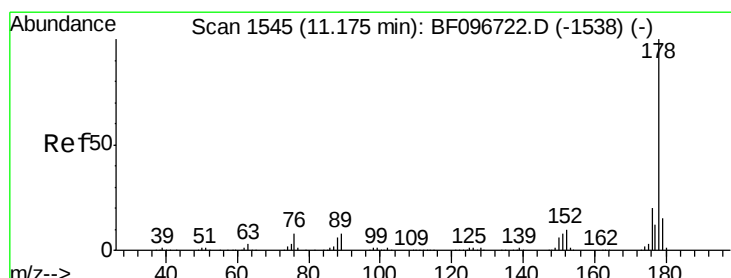
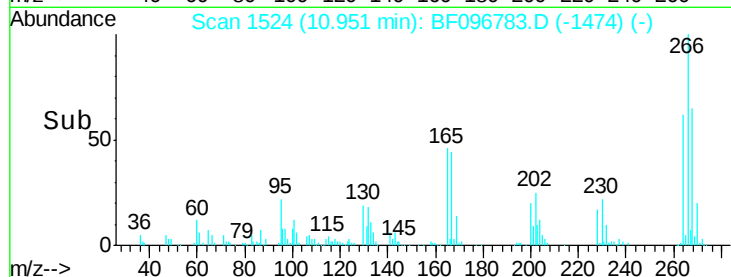
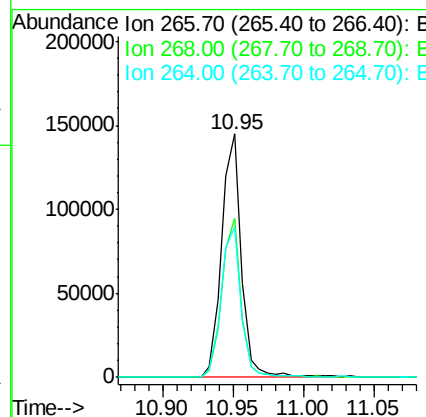
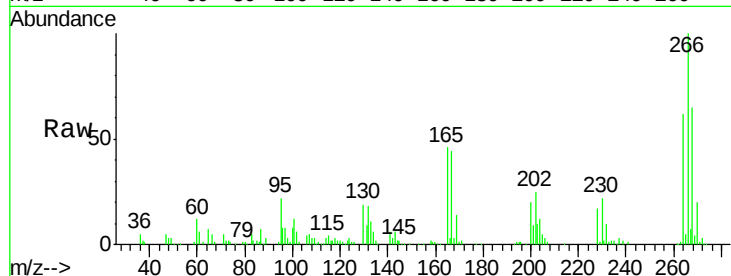
ClientSampleId :

PB100646BS

Tgt Ion:	266	Resp:	141478
Ion Ratio		Lower	Upper
266	100		
268	65.4	51.1	76.7
264	61.8	51.7	77.5

Manual Integrations
APPROVED

mohammad
7/17/2017 3:56:55 PM



#70

Phenanthrene

Concen: 41.965 ng

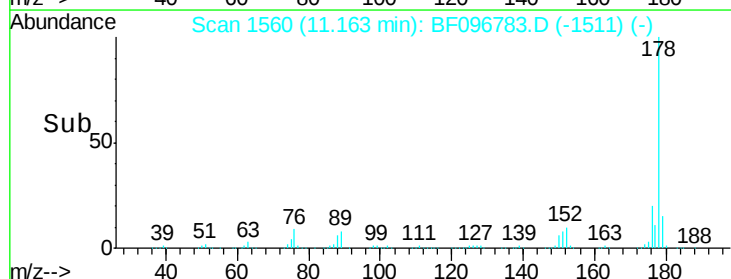
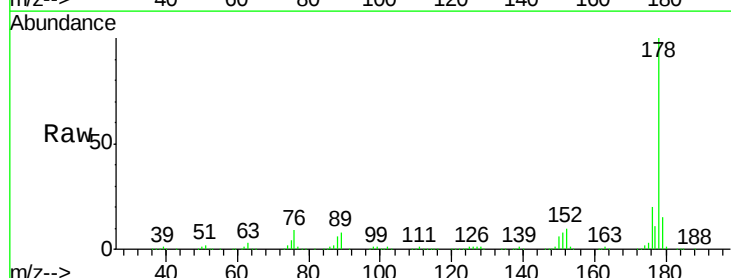
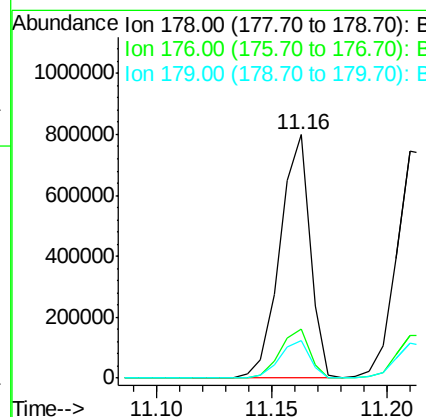
RT: 11.16 min Scan# 1560

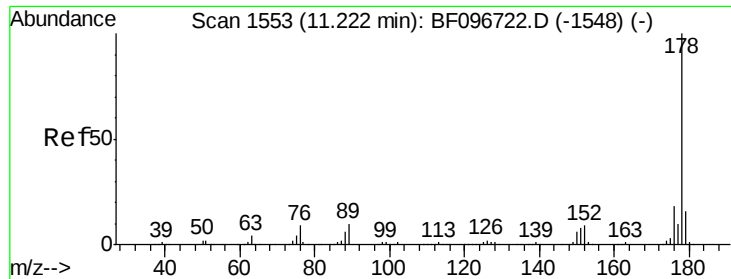
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:	178	Resp:	725650
Ion Ratio		Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.3	12.6	19.0





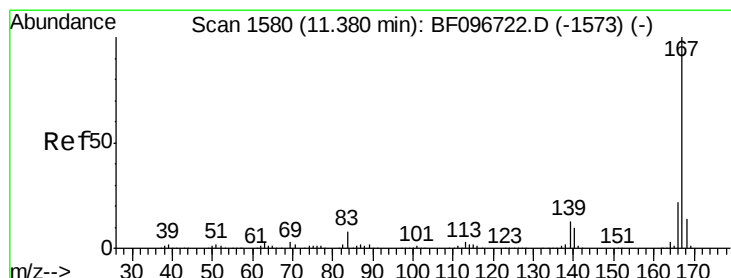
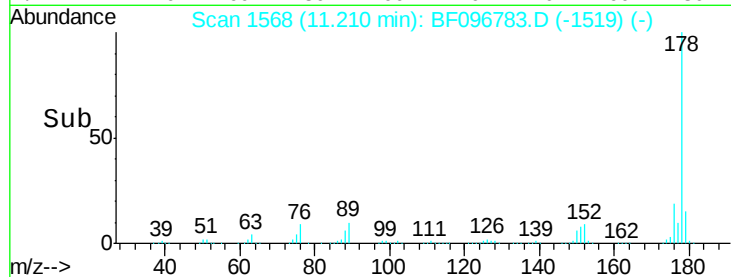
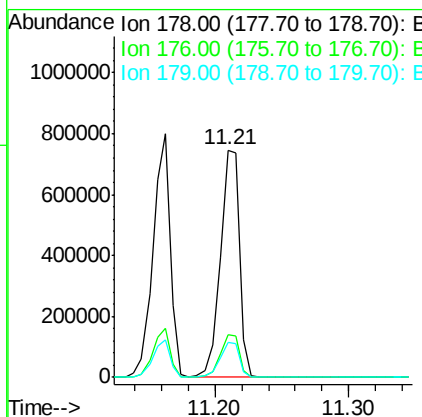
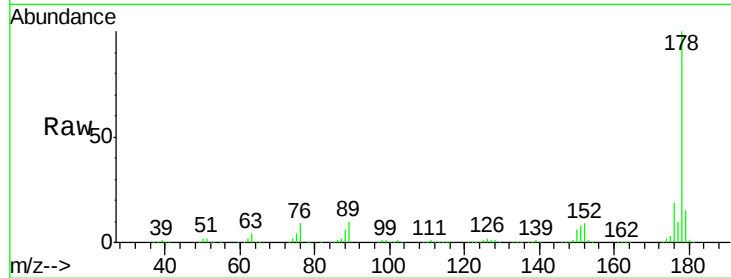
#71
 Anthracene
 Concen: 43.313 ng
 RT: 11.21 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	12.7	19.1

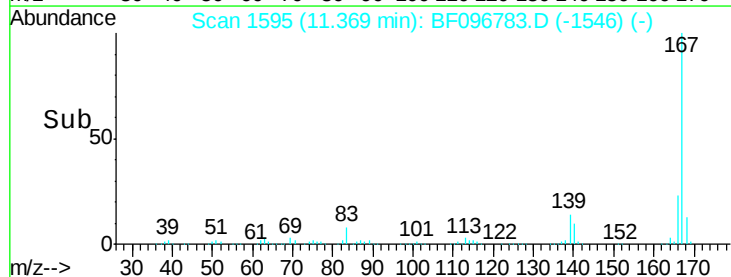
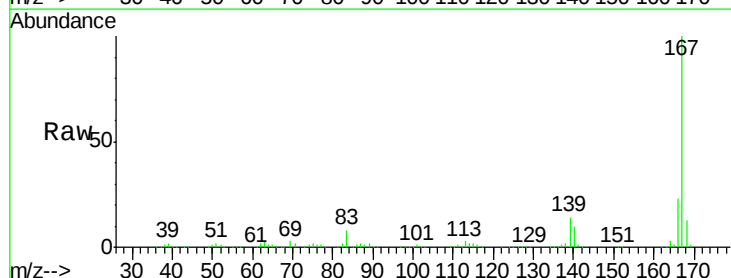
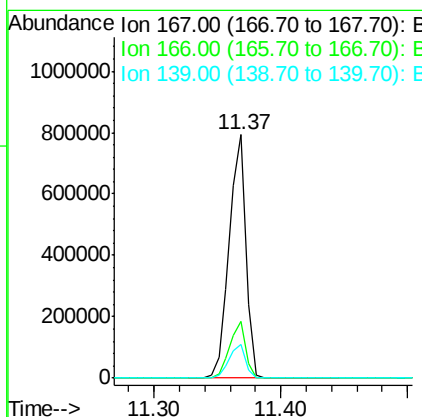
Manual Integrations
 APPROVED

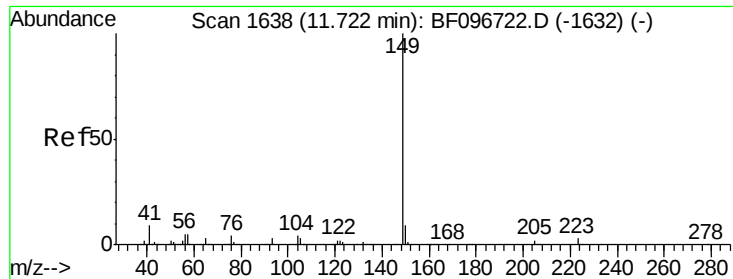
mohammad
 7/17/2017 3:56:55 PM



#72
 Carbazole
 Concen: 42.810 ng
 RT: 11.37 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.1	27.1
139	13.6	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.815 ng

RT: 11.71 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

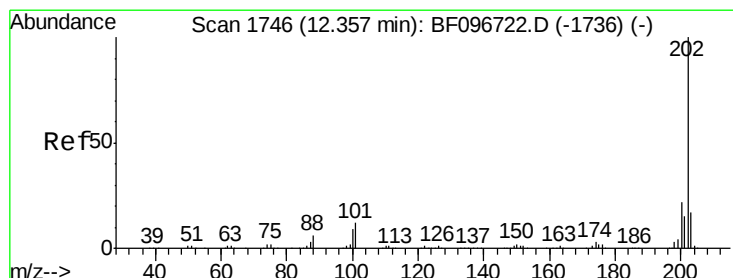
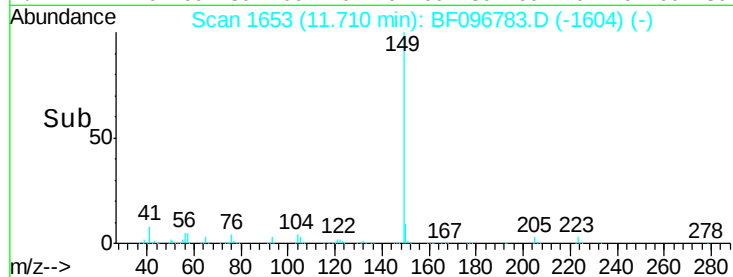
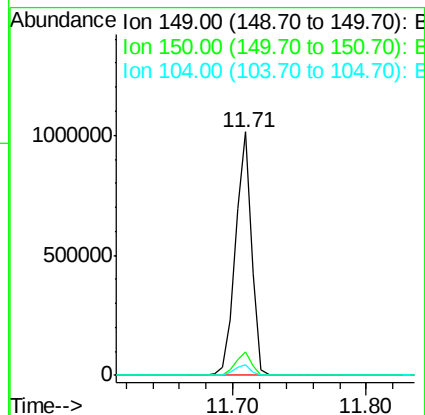
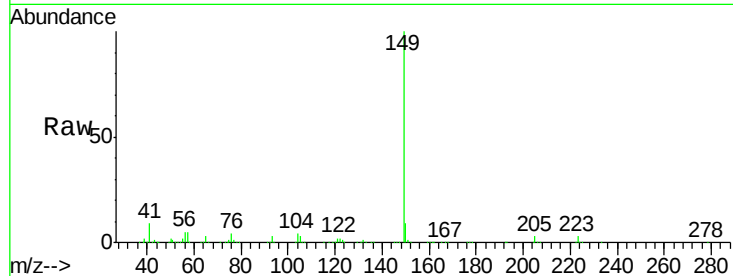
ClientSampled :

PB100646BS

Tgt Ion:	149	Resp:	860600
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.2	4.0	6.0

Manual Integrations
APPROVED

mohammad
7/17/2017 3:56:55 PM



#74

Fluoranthene

Concen: 45.008 ng

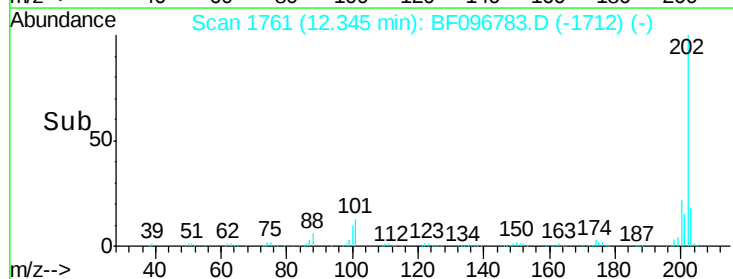
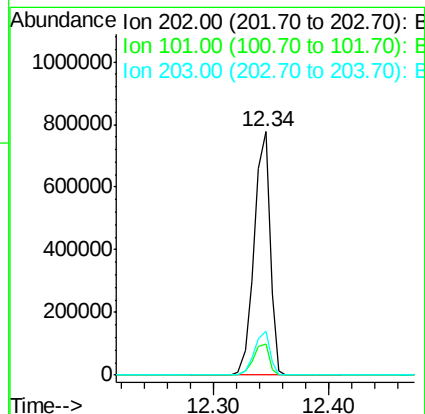
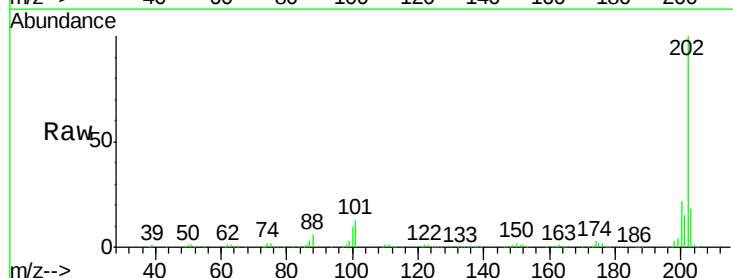
RT: 12.34 min Scan# 1761

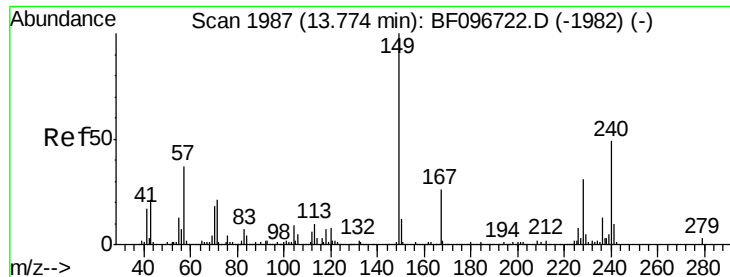
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:	202	Resp:	744944
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB100646BS

Tgt Ion:240 Resp: 217076

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

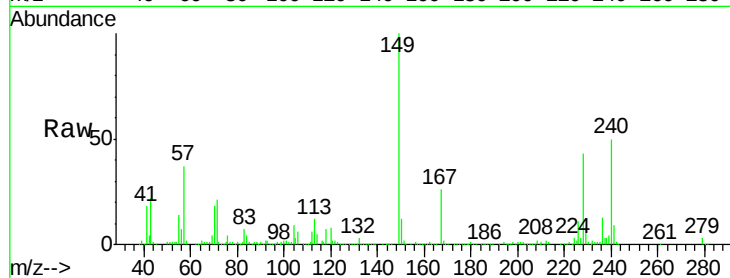
236 25.2 20.5 30.7

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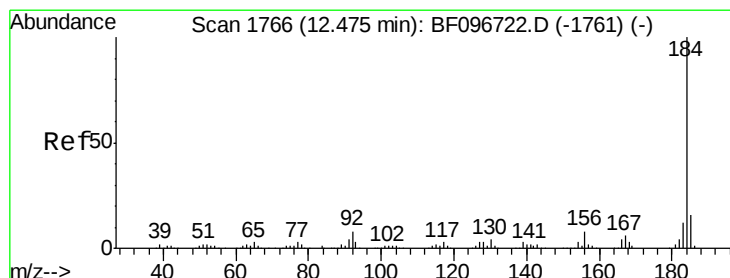
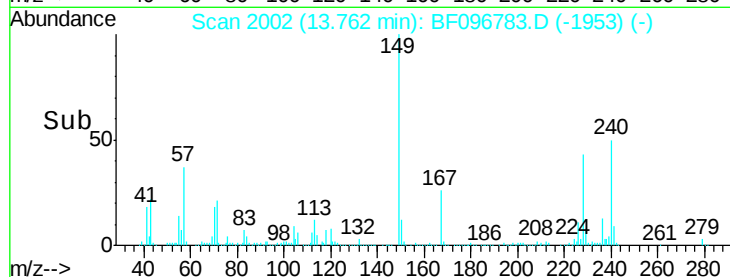
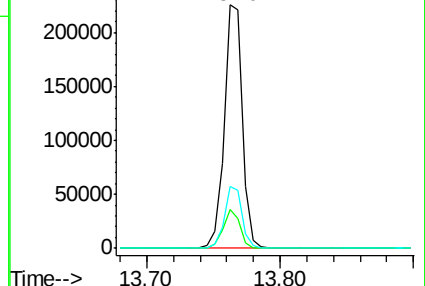
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.167 ng m

RT: 12.46 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

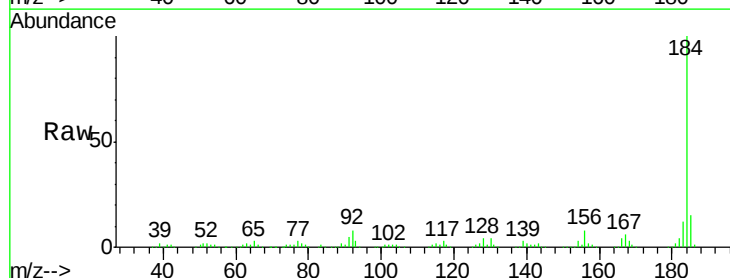
Tgt Ion:184 Resp: 257199

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

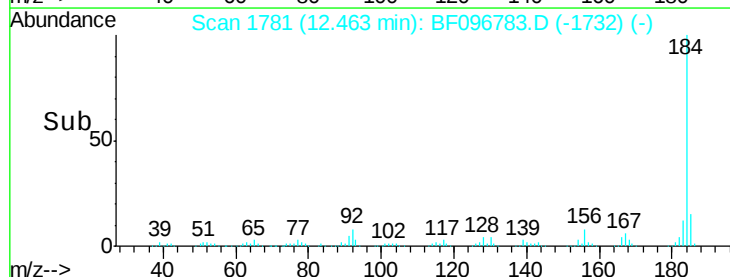
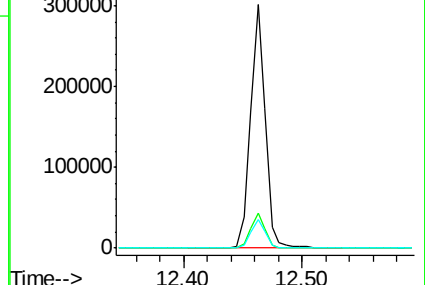
183 12.0 9.8 14.6

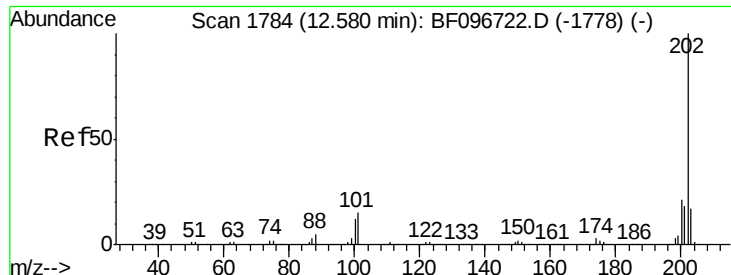


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





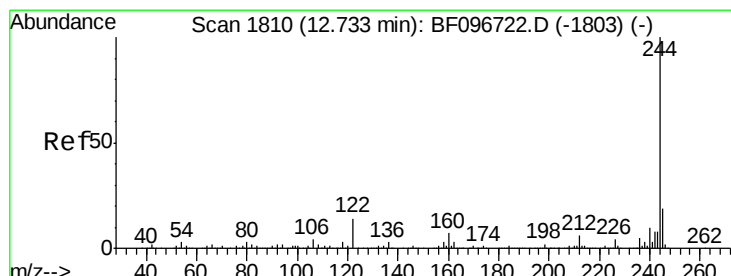
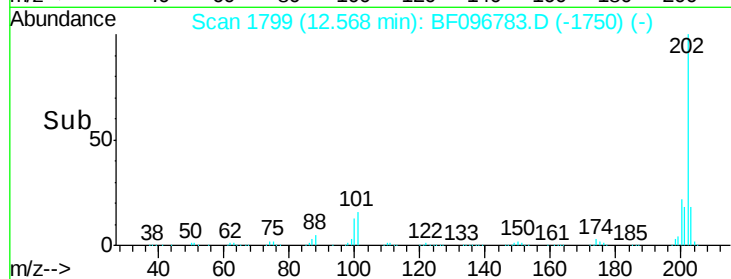
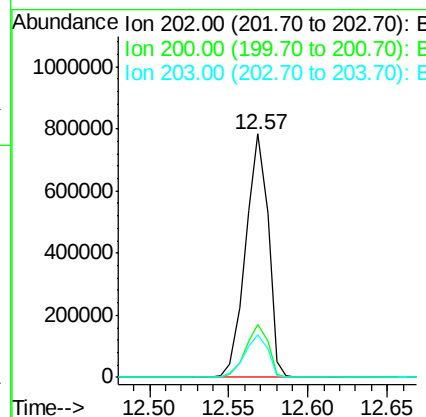
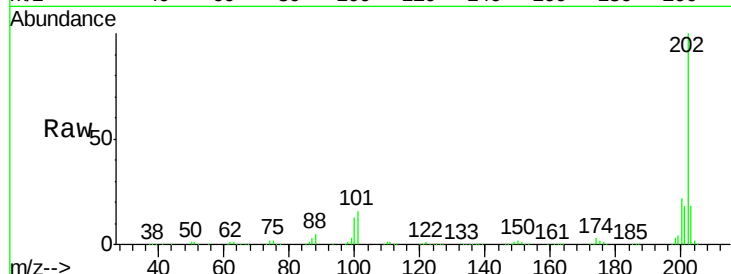
#77
 Pyrene
 Concen: 39.137 ng
 RT: 12.57 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleID :
 PB100646BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	771022		
200	21.9	17.6	26.4	
203	17.6	14.4	21.6	

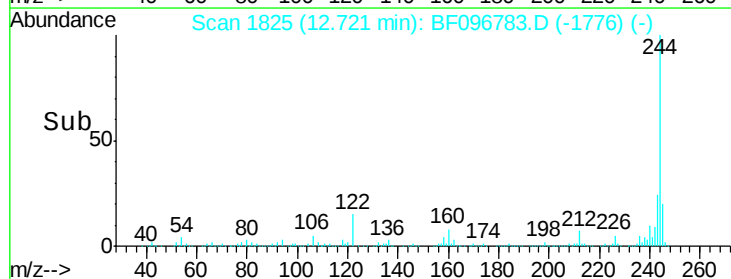
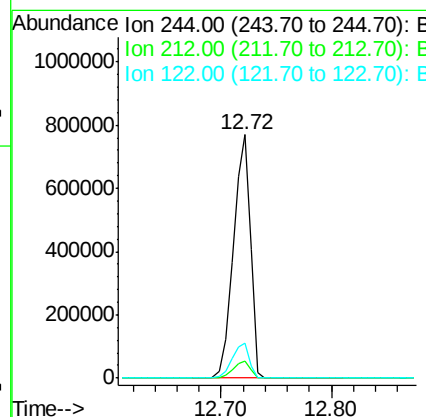
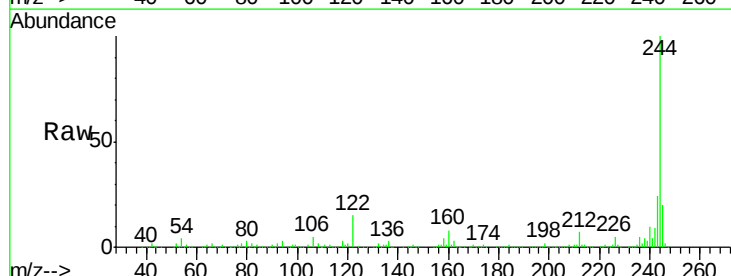
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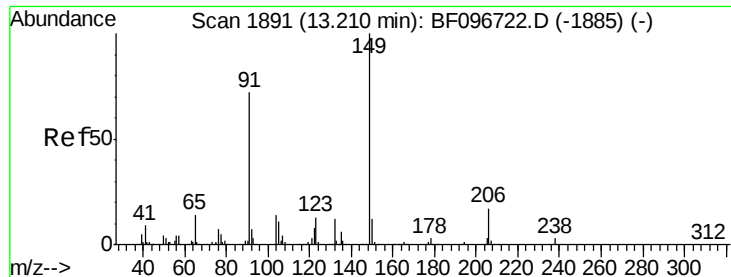
mohammad
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#78
 Terphenyl-d14
 Concen: 66.412 ng
 RT: 12.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	831278		
212	6.8	6.0	9.0	
122	14.6	10.3	15.5	





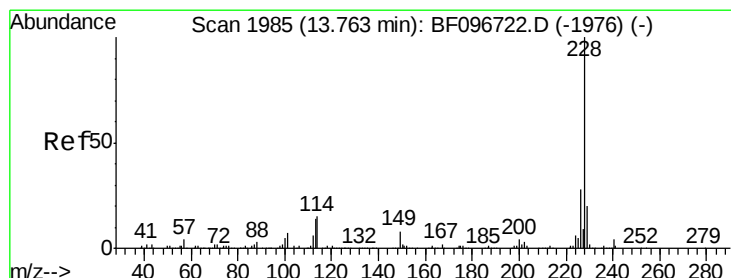
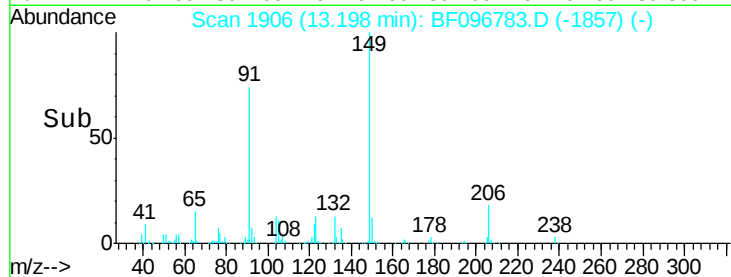
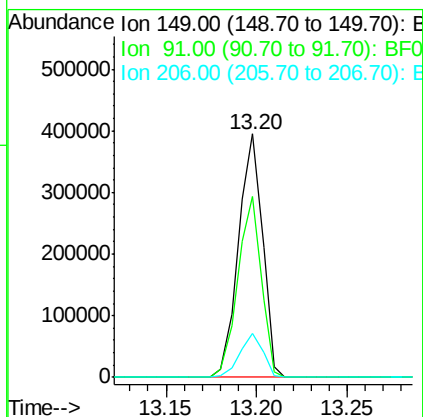
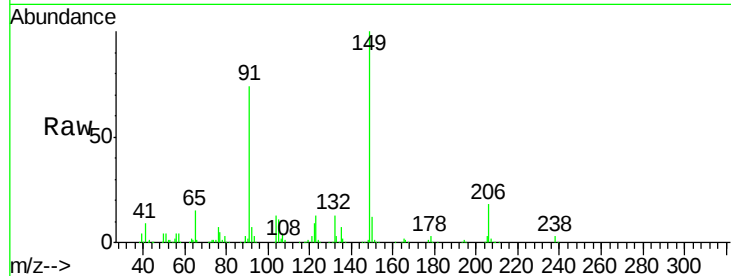
#79
Butylbenzylphthalate
Concen: 77.749 ng
RT: 13.20 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.1	45.0	67.4#
206	18.2	17.0	25.6

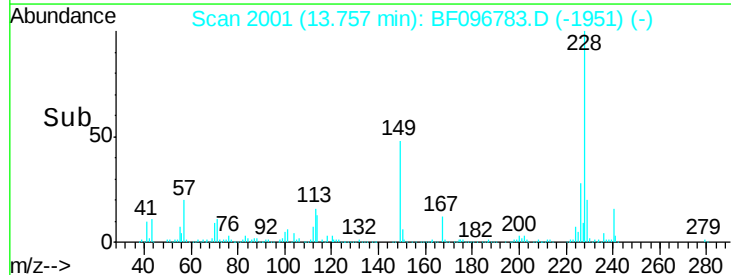
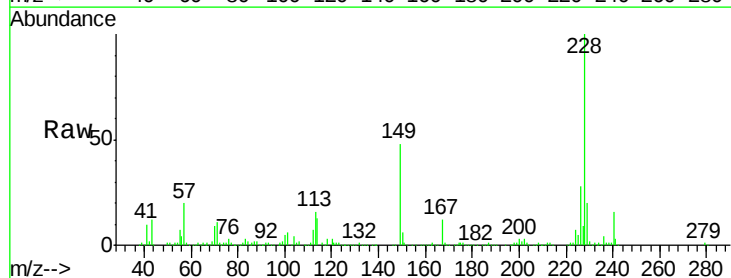
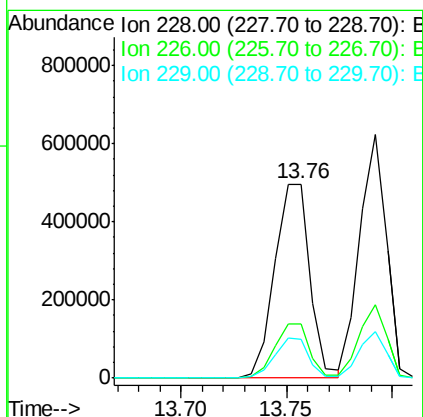
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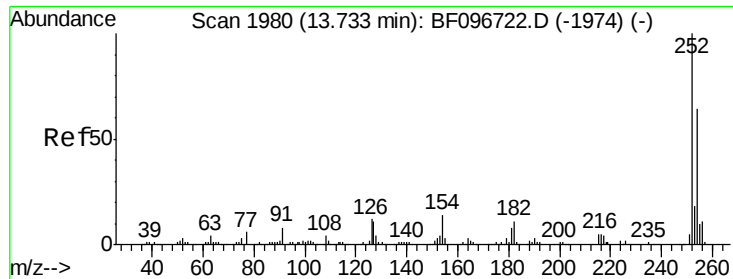
mohammad
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#80
Benzo(a)anthracene
Concen: 42.846 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.6	33.8
229	19.7	16.3	24.5





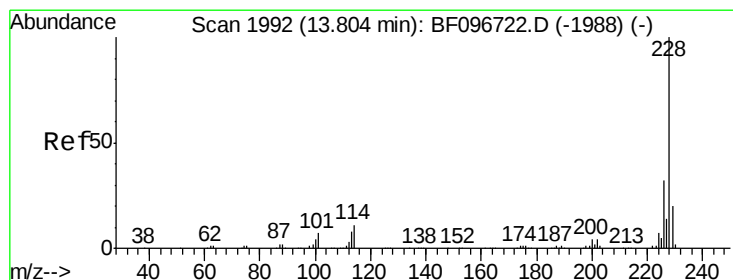
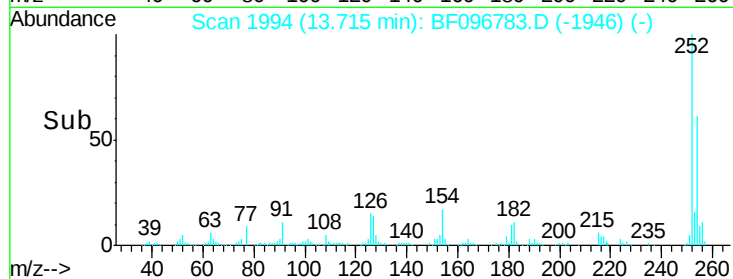
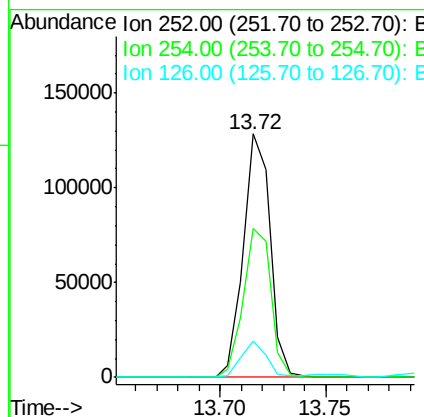
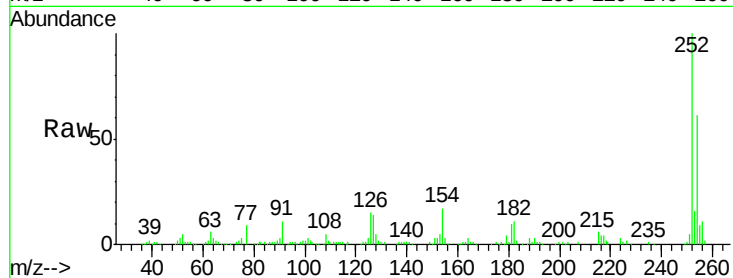
#81
 3,3'-Dichlorobenzidine
 Concen: 23.198 ng
 RT: 13.72 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	60.9	51.5	77.3
126	15.1	15.8	23.8

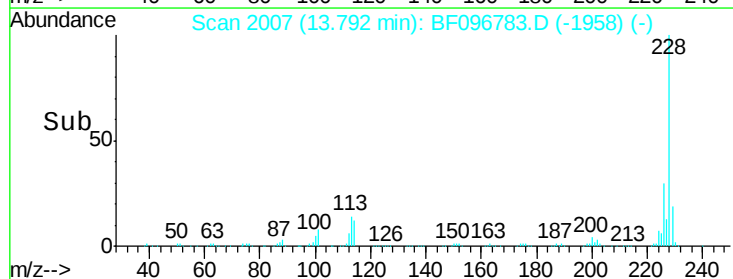
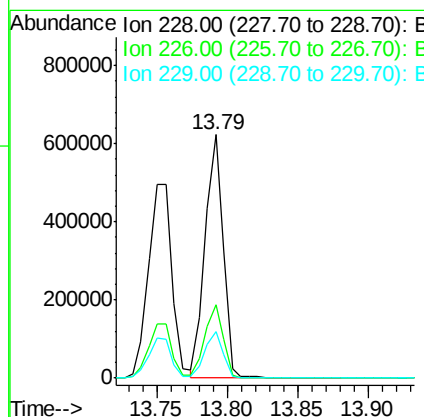
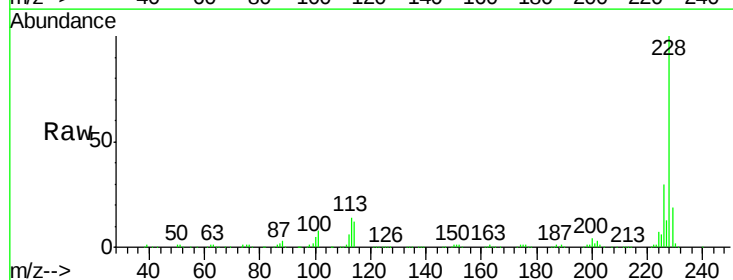
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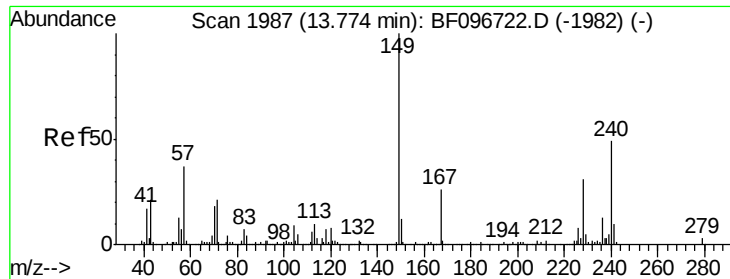
mohammad
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#82
 Chrysene
 Concen: 41.844 ng
 RT: 13.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	24.9	37.3
229	19.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.658 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

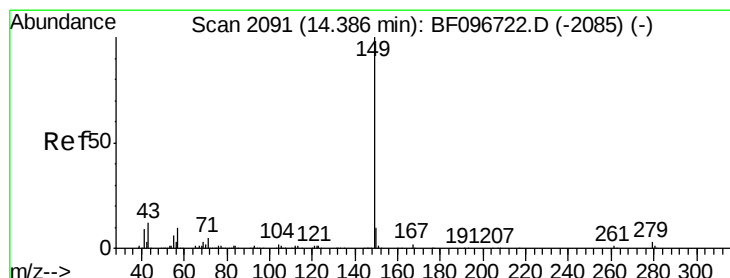
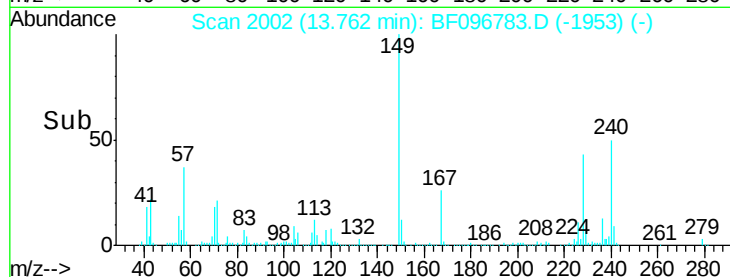
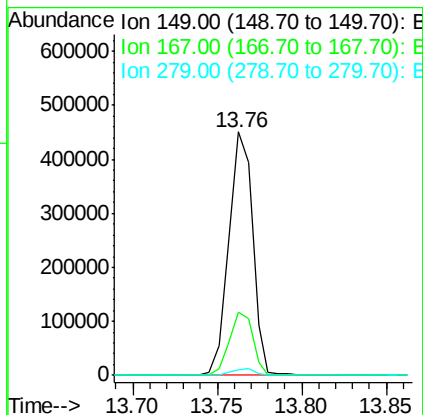
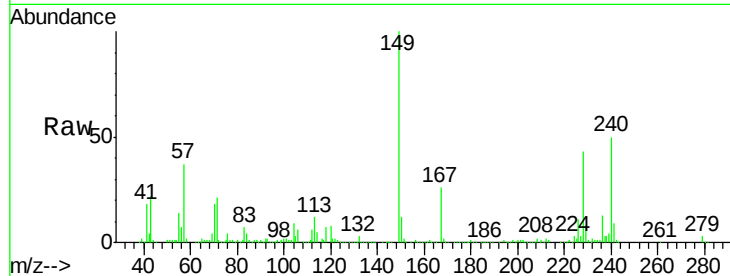
ClientSampleId :

PB100646BS

Tgt Ion:	149	Resp:	440674
Ion Ratio		Lower	Upper
149	100		
167	25.9	21.0	31.4
279	2.5	1.9	2.9

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 40.776 ng

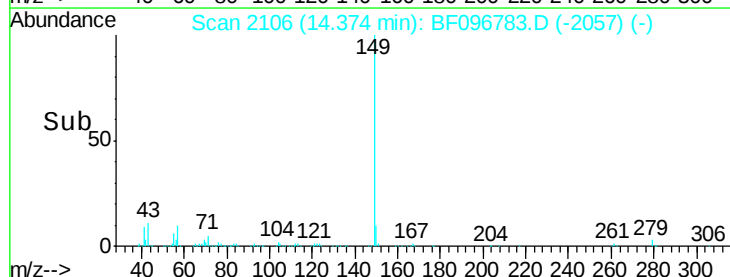
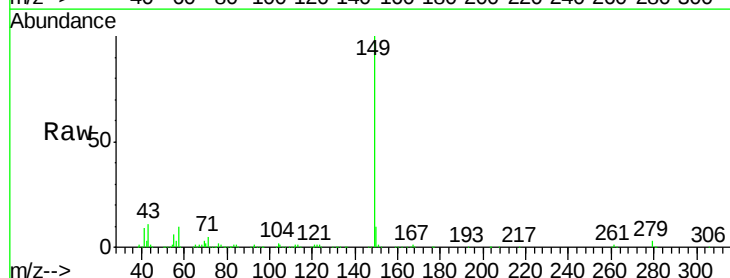
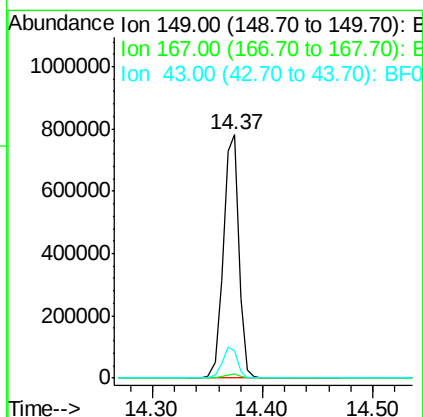
RT: 14.37 min Scan# 2106

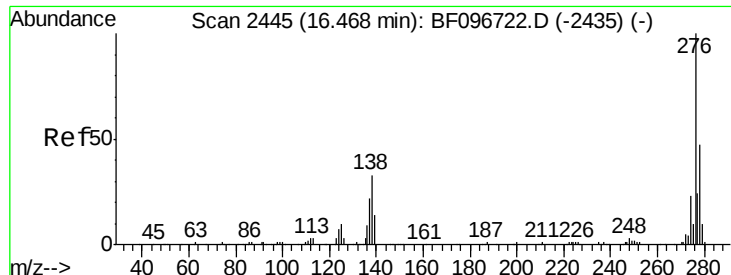
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:	149	Resp:	768348
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.4	8.5	12.7





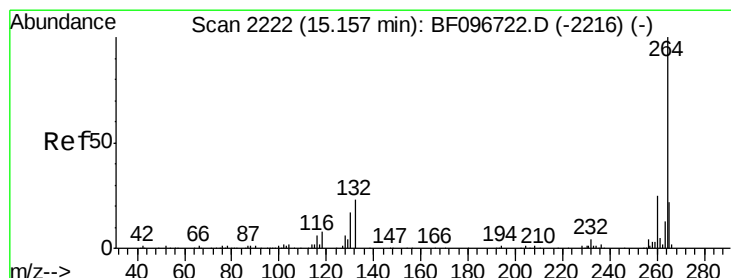
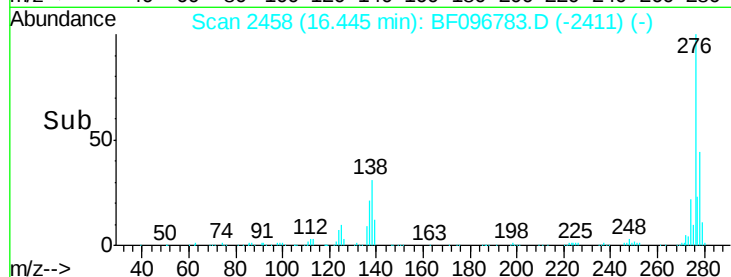
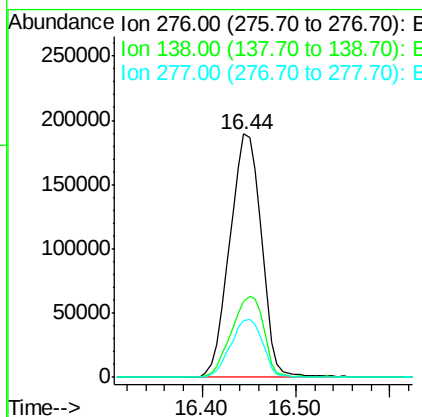
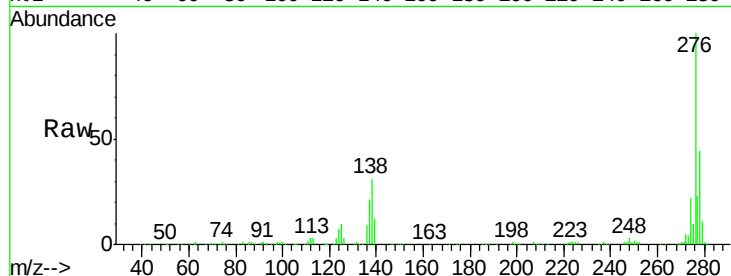
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.367 ng
 RT: 16.44 min Scan# 2458
 Delta R.T. -0.02 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB100646BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	24.2	20.2	30.4

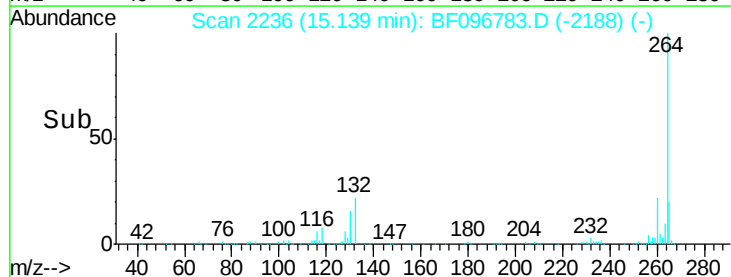
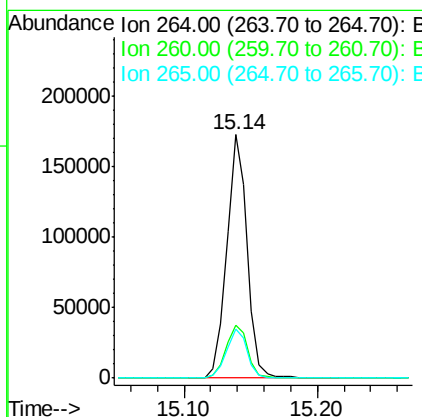
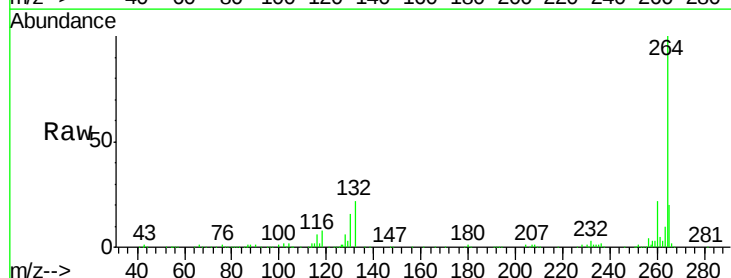
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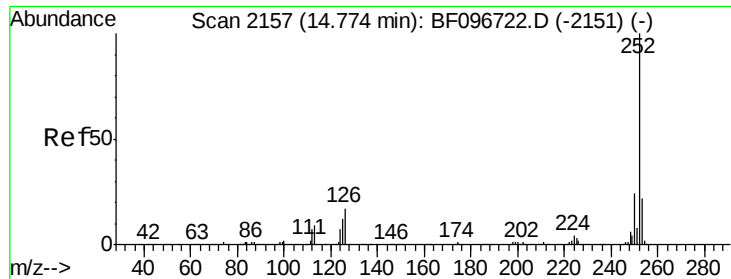
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.5	29.3
265	19.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.389 ng

RT: 14.76 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

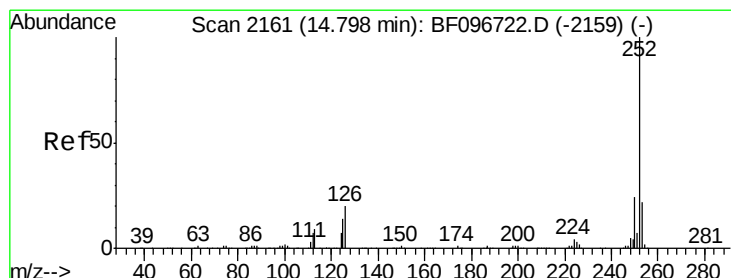
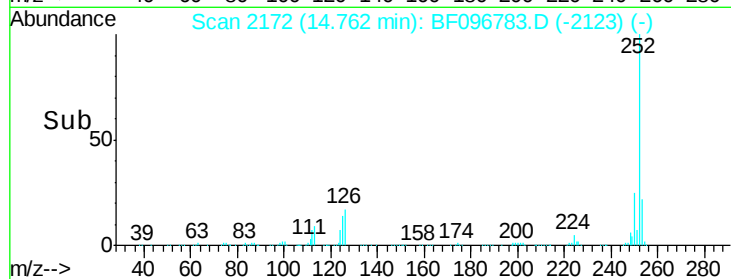
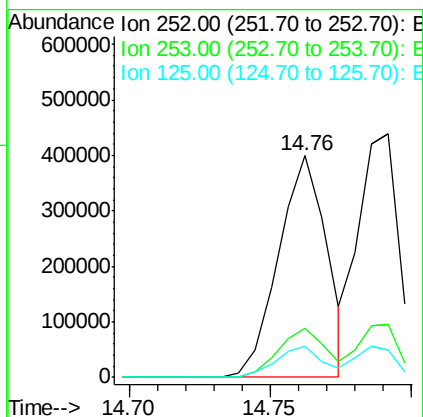
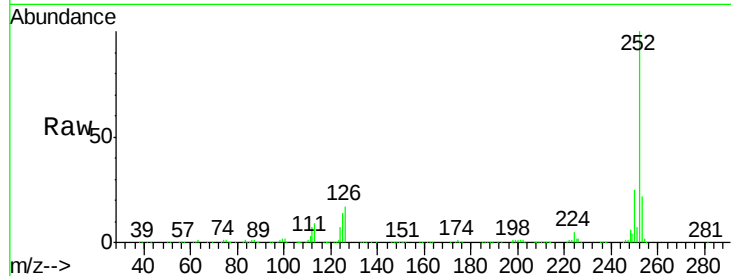
ClientSampleId :

PB100646BS

Tgt Ion:	252	Resp:	473696
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	13.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 41.871 ng m

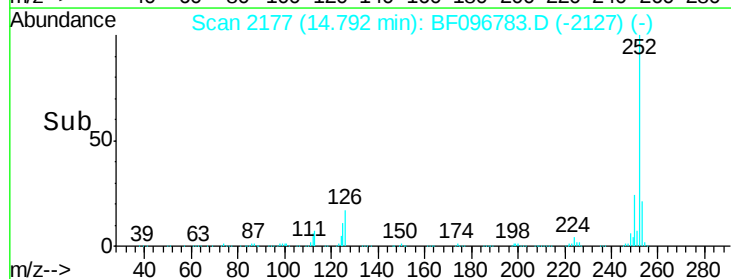
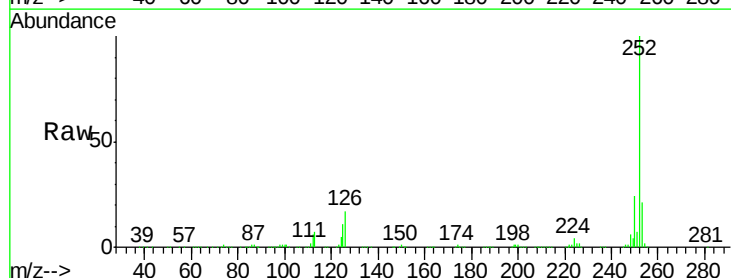
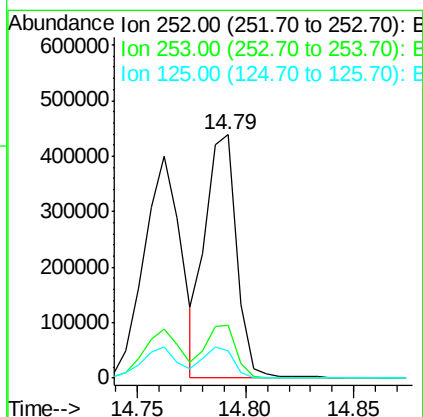
RT: 14.79 min Scan# 2177

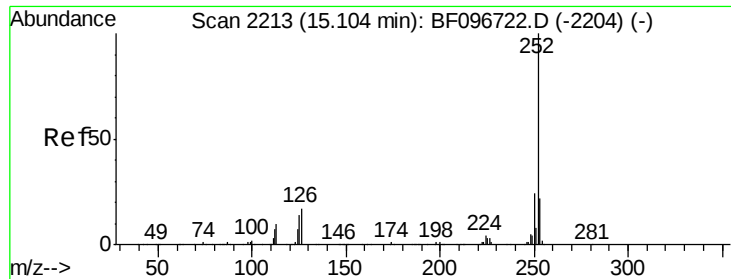
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:	252	Resp:	443084
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.4	27.6
125	11.3	13.1	19.7#





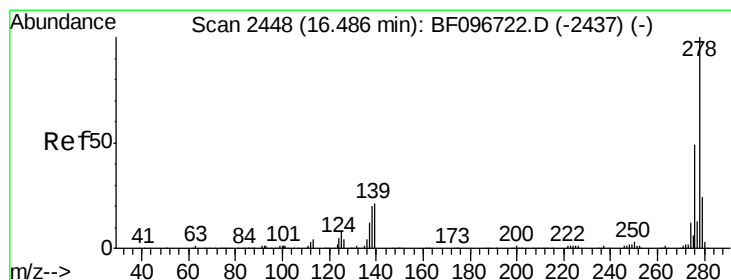
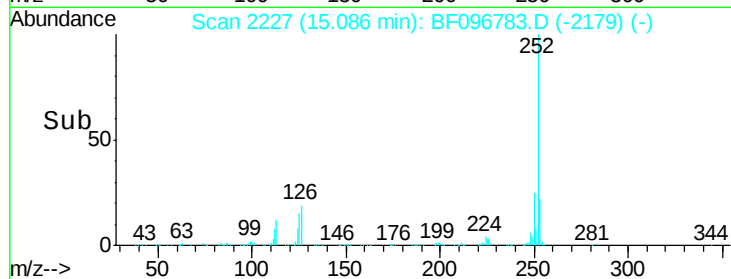
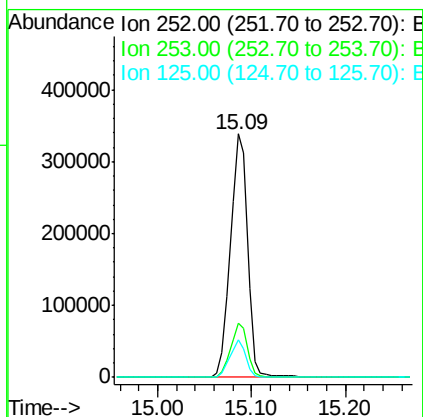
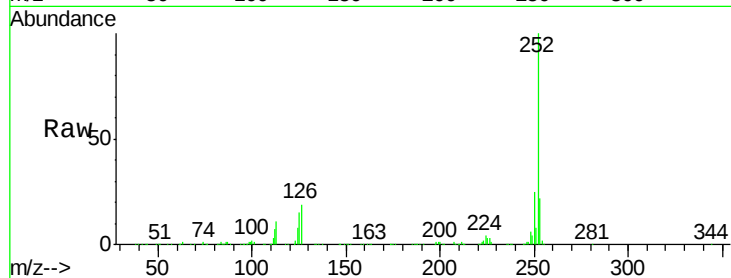
#89
Benzo(a)pyrene
Concen: 42.127 ng
RT: 15.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB100646BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.2	11.0	16.4

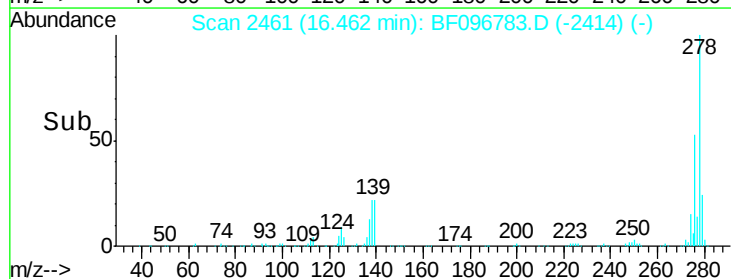
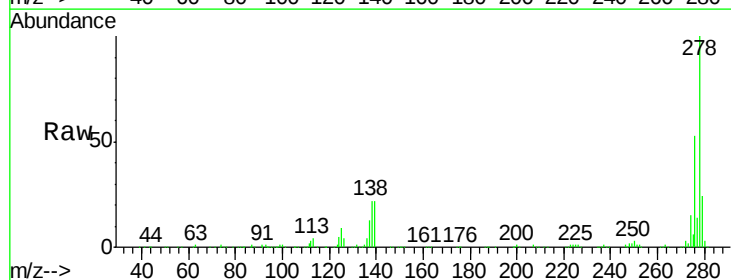
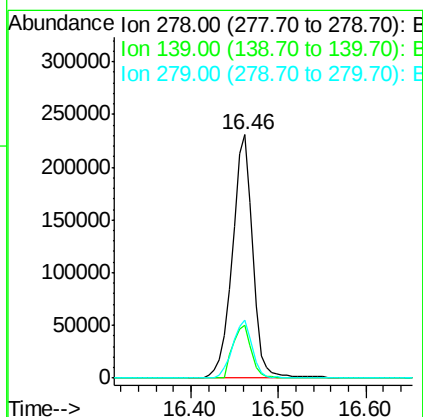
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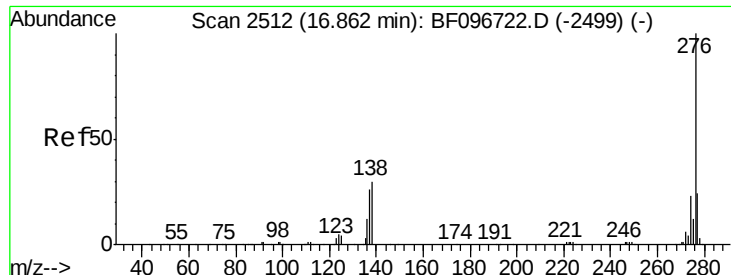
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 38.687 ng
RT: 16.46 min Scan# 2461
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.7	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 38.058 ng

RT: 16.84 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF096783.D

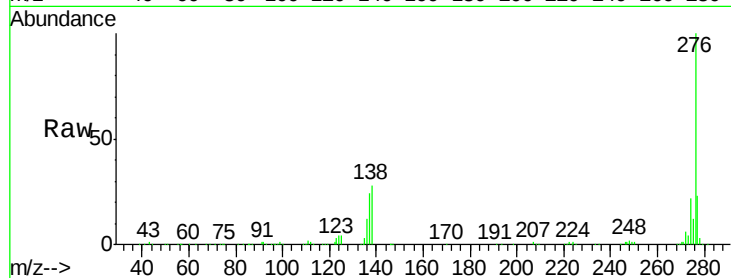
Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB100646BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	384352		
277	23.0	18.6	28.0	
138	28.3	25.4	38.0	

Manual Integrations
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