

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096657.D
 Acq On : 11 Jul 2017 21:15
 Operator : SJ/JU
 Sample : I4120-05MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Manual Integrations
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 7/12/2017 4:50:12 PM

Quant Time: Jul 12 03:49:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	93940	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	426183	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	178526	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	259050	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	182377	20.00	ng	-0.02
86) Perylene-d12	15.23	264	195312	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	830000	130.41	ng	0.00
7) Phenol-d6	6.33	99	969740	123.94	ng	-0.01
23) Nitrobenzene-d5	7.25	82	626877	88.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	182403	130.80	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1045211	100.10	ng	-0.02
78) Terphenyl-d14	12.78	244	709859	83.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	120412	39.899	ng	# 68
3) Pyridine	3.13	79	224316	27.090	ng	# 68
4) n-Nitrosodimethylamine	3.06	42	184451	45.129	ng	82
6) Aniline	6.35	93	88649	8.766	ng	# 1
8) 2-Chlorophenol	6.47	128	321259	47.333	ng	93
9) Benzaldehyde	6.23	77	149224	30.473	ng	97
10) Phenol	6.35	94	353387	39.644	ng	98
11) bis(2-Chloroethyl)ether	6.43	93	316495	45.944	ng	91
12) 1,3-Dichlorobenzene	6.63	146	308256	43.315	ng	98
13) 1,4-Dichlorobenzene	6.70	146	315368	44.337	ng	95
14) 1,2-Dichlorobenzene	6.86	146	290564	44.490	ng	98
15) Benzyl Alcohol	6.83	79	238111	45.525	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	664955	47.482	ng	93
17) 2-Methylphenol	6.95	107	251509	46.498	ng	99
18) Hexachloroethane	7.20	117	114839	44.533	ng	# 81
19) n-Nitroso-di-n-propylamine	7.11	70	215537	46.239	ng	# 87
20) 3+4-Methylphenols	7.10	107	307139	50.909	ng	92
22) Acetophenone	7.10	105	426971	45.851	ng	# 98
24) Nitrobenzene	7.27	77	325098	43.694	ng	91
25) Isophorone	7.51	82	604747	43.978	ng	96
26) 2-Nitrophenol	7.59	139	172110	43.704	ng	91
27) 2,4-Dimethylphenol	7.63	122	292797	43.665	ng	96
28) bis(2-Chloroethoxy)methane	7.72	93	405769	44.700	ng	99
29) 2,4-Dichlorophenol	7.83	162	264644	45.743	ng	97
30) 1,2,4-Trichlorobenzene	7.91	180	248454	45.526	ng	98
31) Naphthalene	7.99	128	933859	46.415	ng	100
32) Benzoic acid	7.76	122	193193	34.305	ng	93
33) 4-Chloroaniline	8.04	127	67451	8.071	ng	96
34) Hexachlorobutadiene	8.12	225	126739	45.278	ng	97
35) Caprolactam	8.41	113	79958m	40.079	ng	
36) 4-Chloro-3-methylphenol	8.53	107	280100	43.755	ng	89
37) 2-Methylnaphthalene	8.68	142	633957	49.500	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	215267	46.439	ng	99
40) Hexachlorocyclopentadiene	8.84	237	107174	47.550	ng	98

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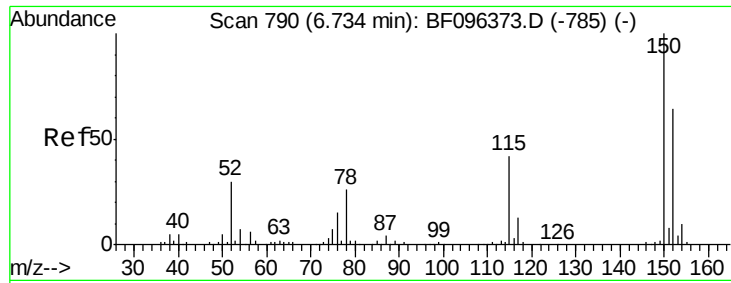
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	153141	41.762	ng	95
43) 2,4,5-Trichlorophenol	9.00	196	169122	46.645	ng	99
45) 1,1'-Biphenyl	9.15	154	687178	44.924	ng	97
46) 2-Chloronaphthalene	9.17	162	527845	46.304	ng	93
47) 2-Nitroaniline	9.26	65	194109	46.797	ng	95
48) Acenaphthylene	9.58	152	834519	46.200	ng	100
49) Dimethylphthalate	9.45	163	654593	49.117	ng	99
50) 2,6-Dinitrotoluene	9.51	165	140173	47.563	ng #	90
51) Acenaphthene	9.75	154	493586	44.331	ng	99
52) 3-Nitroaniline	9.67	138	67524	18.370	ng	91
53) 2,4-Dinitrophenol	9.78	184	71077	45.408	ng #	75
54) Dibenzofuran	9.93	168	680641	46.302	ng	100
55) 4-Nitrophenol	9.85	139	213447	70.059	ng #	67
56) 2,4-Dinitrotoluene	9.91	165	176451	47.279	ng #	77
57) Fluorene	10.27	166	481534	46.381	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	117722	46.929	ng #	99
59) Diethylphthalate	10.15	149	570858	45.318	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	204453	45.262	ng	93
61) 4-Nitroaniline	10.28	138	123720	37.016	ng	90
62) Azobenzene	10.42	77	523572	42.984	ng	91
64) 4,6-Dinitro-2-methylphenol	10.32	198	47465	26.568	ng #	78
65) n-Nitrosodiphenylamine	10.38	169	450108	49.521	ng	98
66) 4-Bromophenyl-phenylether	10.74	248	130277	51.662	ng	95
67) Hexachlorobenzene	10.82	284	134038	48.556	ng #	89
68) Atrazine	10.91	200	122920	47.337	ng	96
69) Pentachlorophenol	11.01	266	135638	82.904	ng	97
70) Phenanthrene	11.22	178	685123	48.925	ng	99
71) Anthracene	11.27	178	694071	48.638	ng	99
72) Carbazole	11.43	167	654456	45.603	ng	99
73) Di-n-butylphthalate	11.77	149	834539	48.010	ng	99
74) Fluoranthene	12.40	202	647571	47.166	ng	97
76) Benzidine	12.52	184	41788	4.775	ng #	92
77) Pyrene	12.63	202	649613	44.376	ng	99
79) Butylbenzylphthalate	13.26	149	348351	47.008	ng #	80
80) Benzo(a)anthracene	13.82	228	513734	48.644	ng	98
81) 3,3'-Dichlorobenzidine	13.78	252	118979	27.429	ng #	96
82) Chrysene	13.86	228	539967	48.823	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	403348	48.762	ng	98
84) Di-n-octyl phthalate	14.43	149	775436	47.604	ng #	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	490054	56.135	ng	99
87) Benzo(b)fluoranthene	14.83	252	530542	43.351	ng	98
88) Benzo(k)fluoranthene	14.86	252	531150	48.519	ng	96
89) Benzo(a)pyrene	15.17	252	526662	48.202	ng	100
90) Dibenzo(a,h)anthracene	16.59	278	408087	47.476	ng	96
91) Benzo(g,h,i)perylene	16.97	276	413626	46.438	ng	99

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



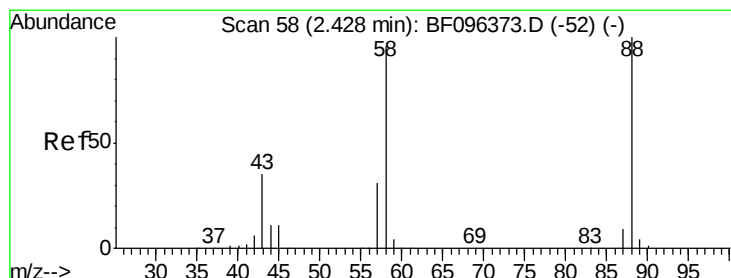
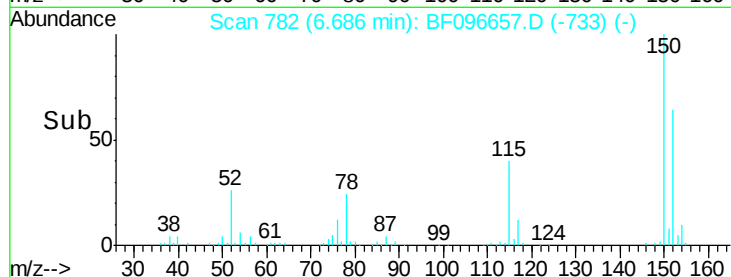
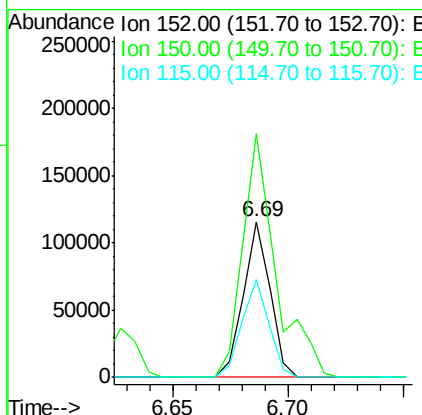
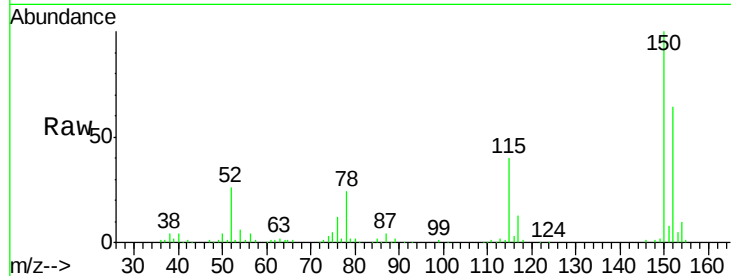
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	62.3	52.2	78.2

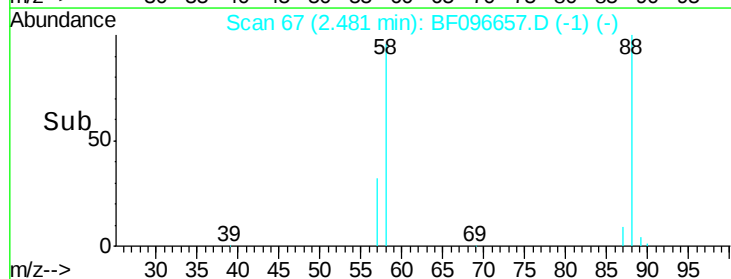
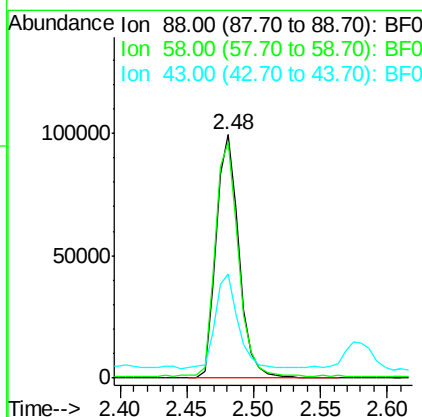
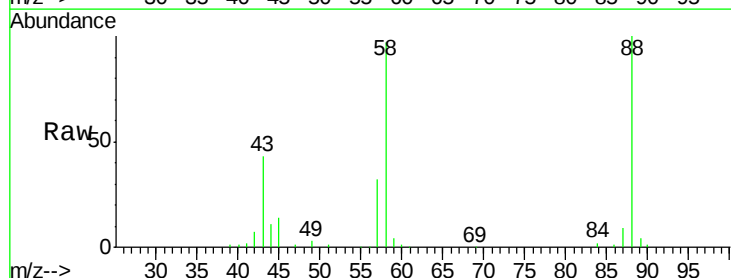
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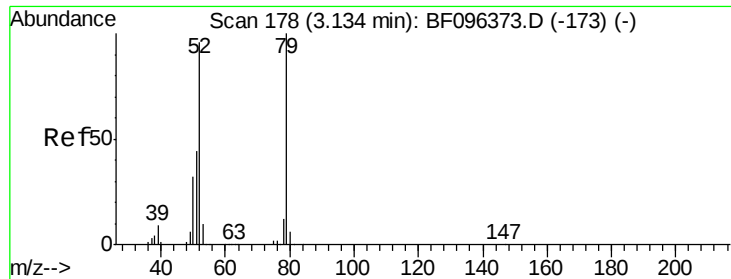
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#2
 1,4-Dioxane
 Concen: 39.899 ng
 RT: 2.48 min Scan# 67
 Delta R.T. 0.12 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.8	61.4	92.0#
43	0.0	23.4	35.0#





#3

Pyridine

Concen: 27.090 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.08 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

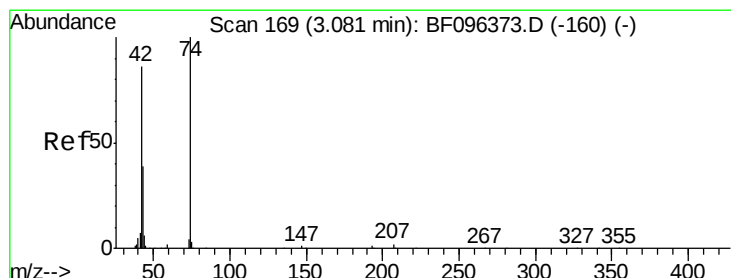
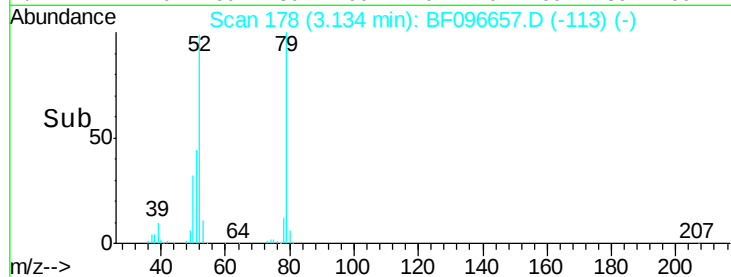
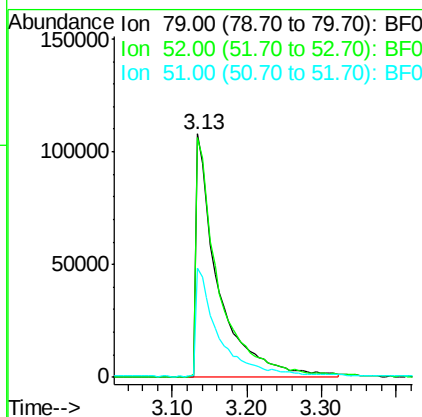
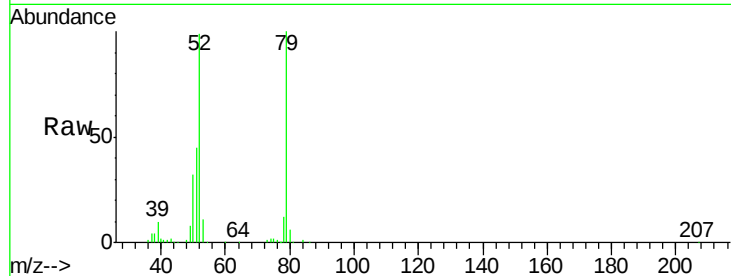
ClientSampleId :

TP-12-COMPMS

Tgt Ion:	79	Resp:	224316
Ion Ratio	Lower	Upper	
79	100		
52	98.7	54.8	82.2#
51	45.0	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 45.129 ng

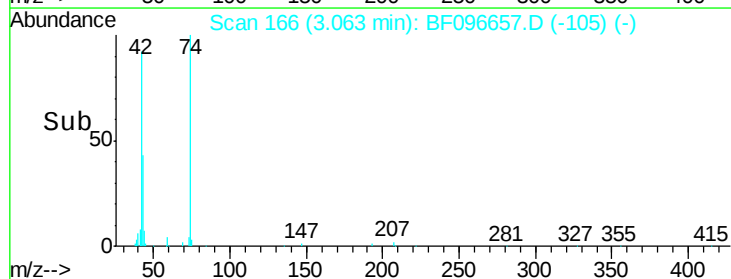
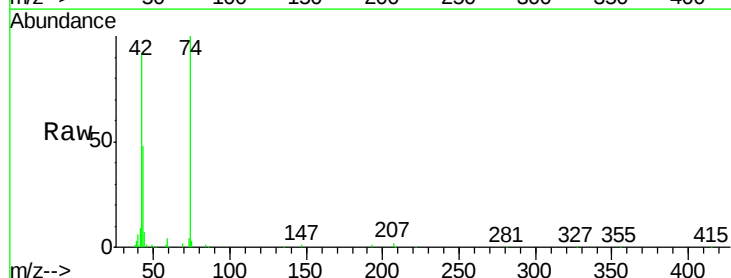
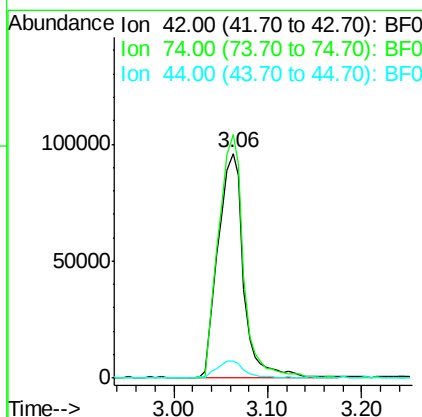
RT: 3.06 min Scan# 166

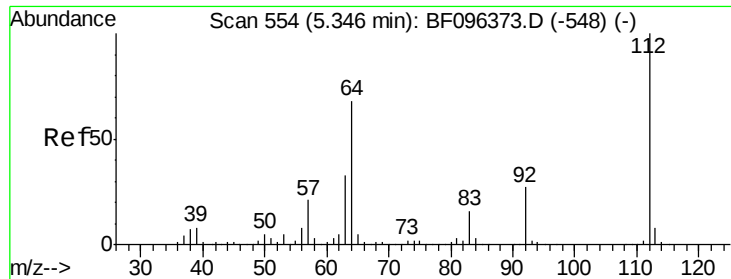
Delta R.T. 0.06 min

Lab File: BF096657.D

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Tgt Ion:	42	Resp:	184451
Ion Ratio	Lower	Upper	
42	100		
74	108.2	103.9	155.9
44	7.7	5.7	8.5





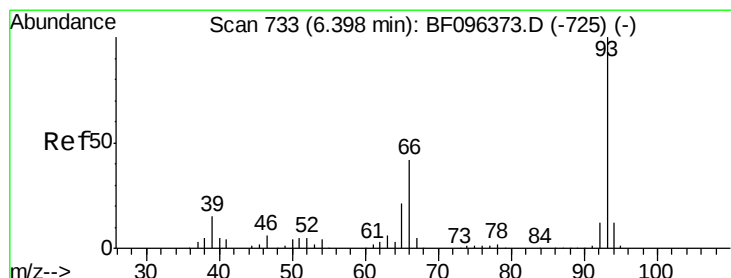
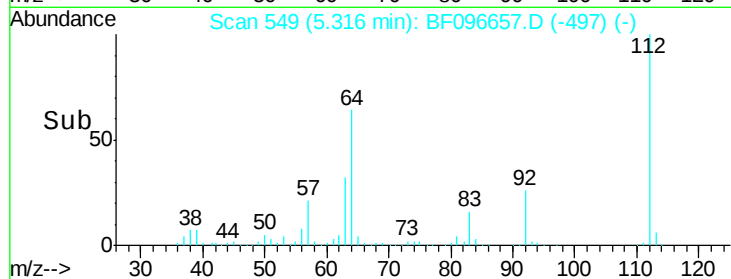
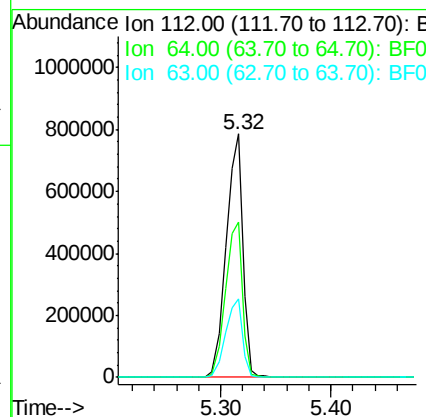
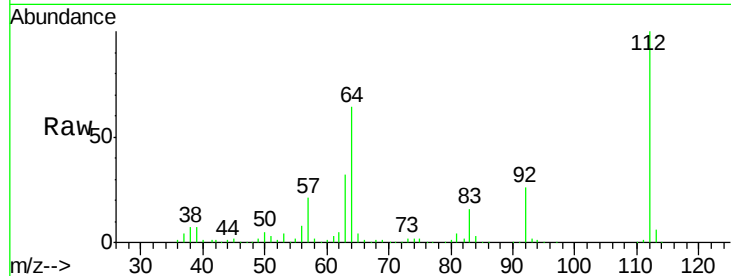
#5
 2-Fluorophenol
 Concen: 130.408 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	63.6	46.0	69.0
63	32.1	23.4	35.0

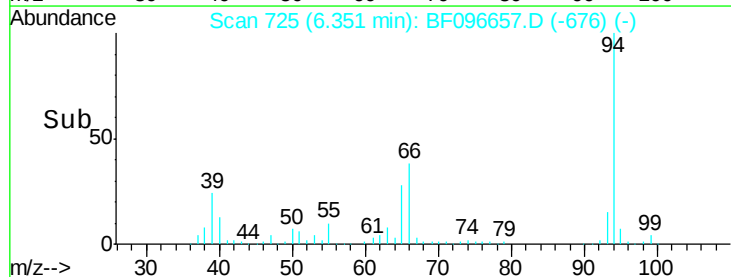
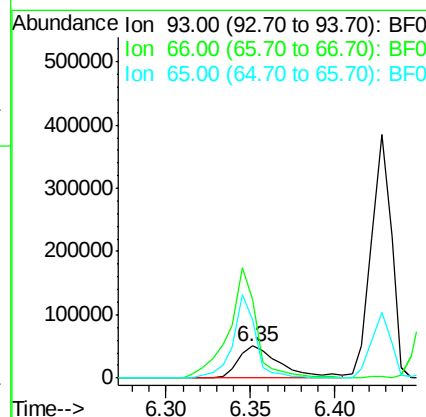
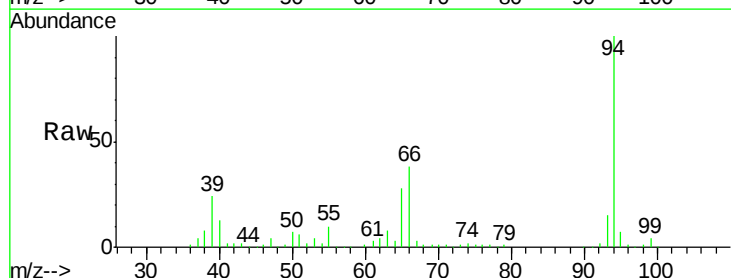
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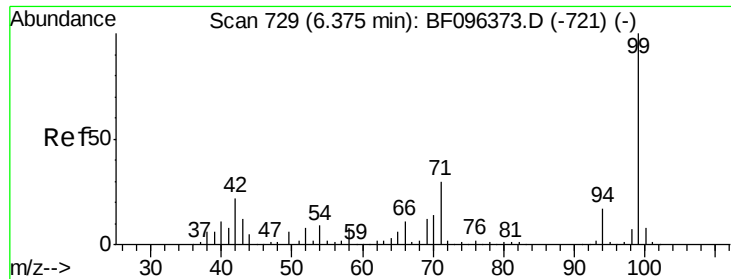
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#6
 Aniline
 Concen: 8.766 ng
 RT: 6.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	242.7	32.9	49.3#
65	182.2	16.0	24.0#





#7

Phenol-d6

Concen: 123.937 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

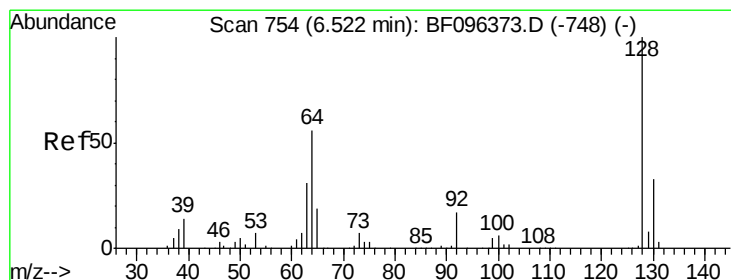
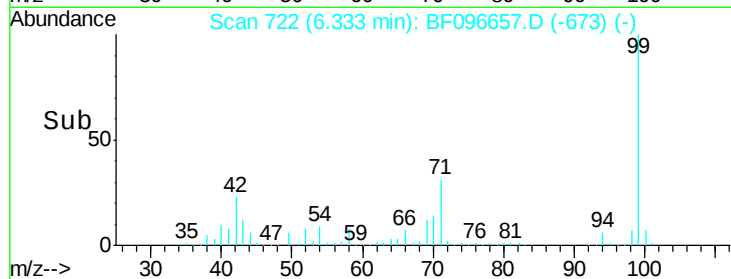
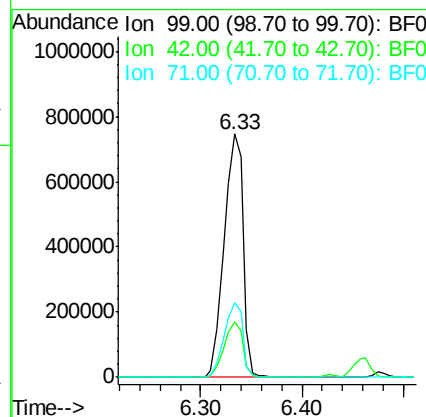
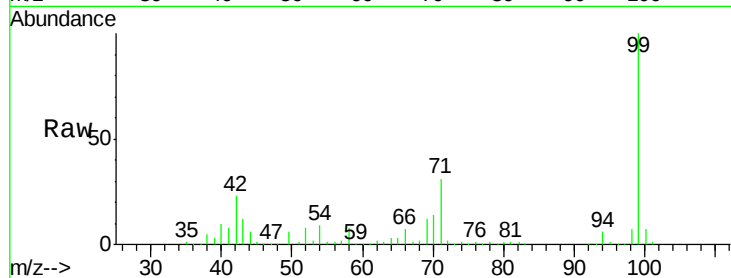
ClientSampleId :

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Tgt Ion:	99	Resp:	969740
Ion Ratio	Lower	Upper	
99	100		
42	22.8	13.5	20.3#
71	30.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 47.333 ng

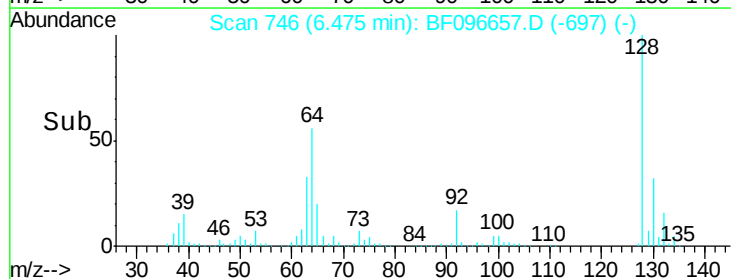
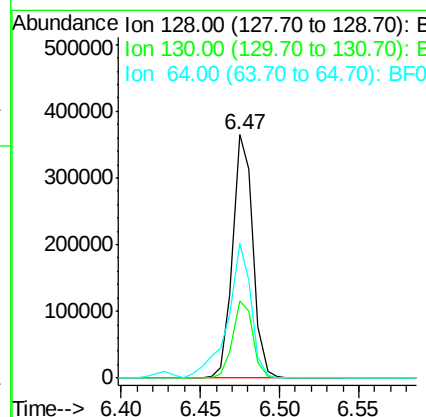
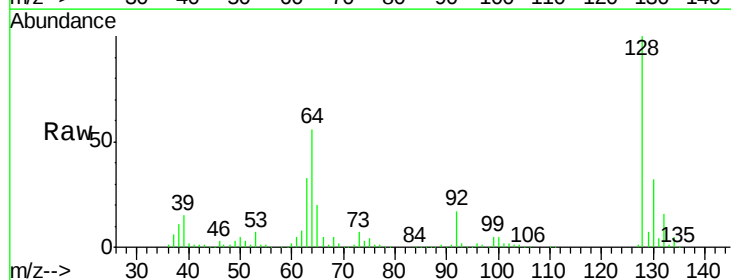
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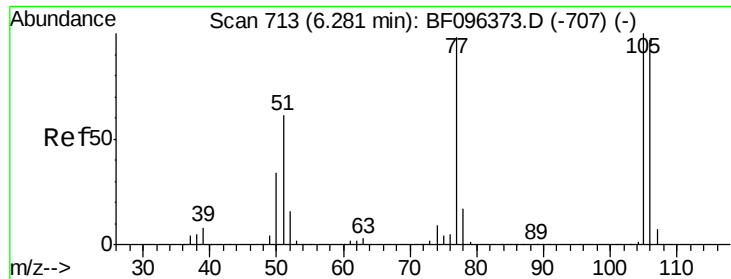
Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Tgt Ion:	128	Resp:	321259
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.9	52.9
64	55.5	28.4	68.4





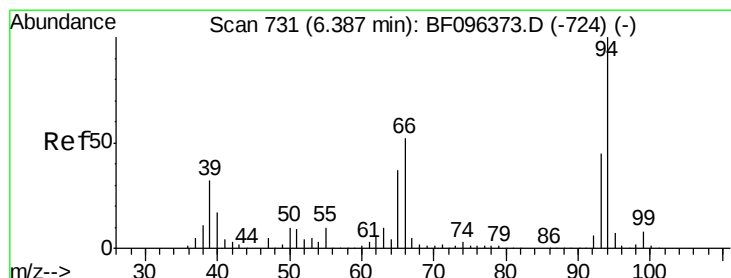
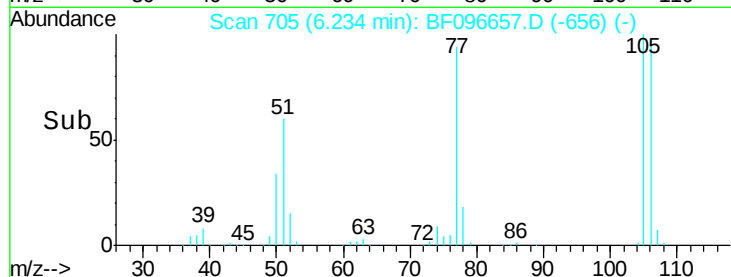
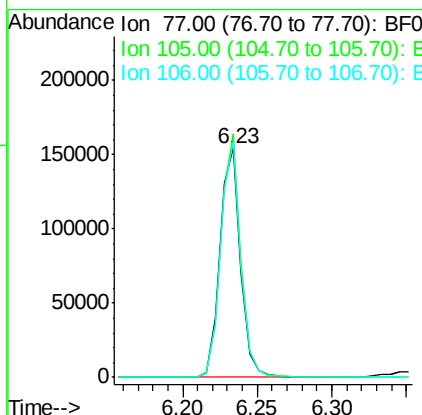
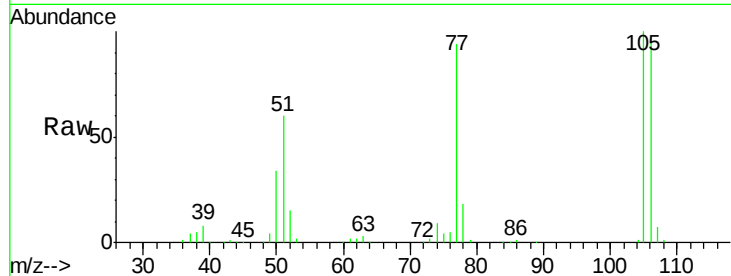
#9
Benzaldehyde
Concen: 30.473 ng
RT: 6.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	106.3	83.8	123.8
106	103.1	79.1	119.1

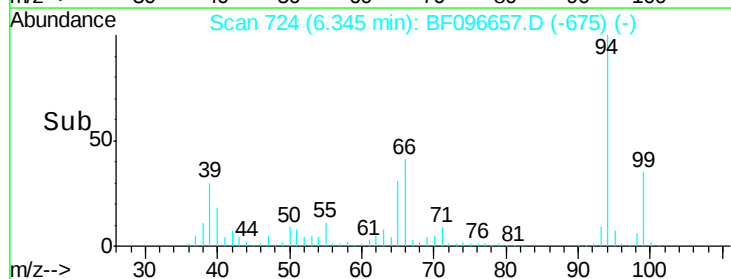
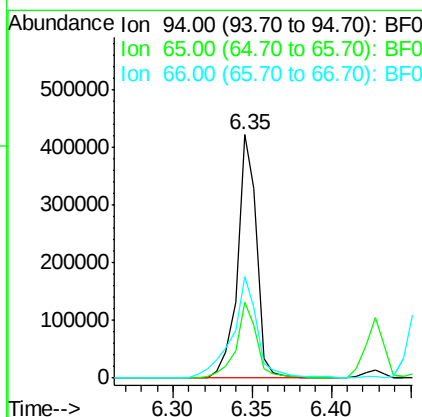
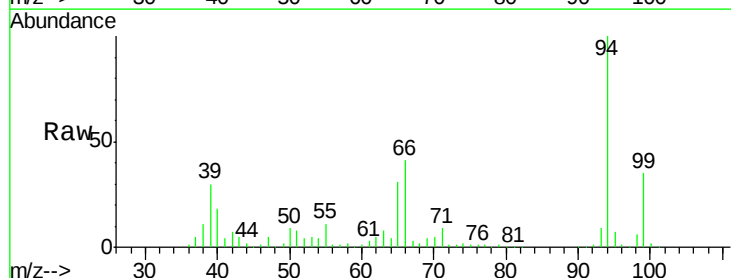
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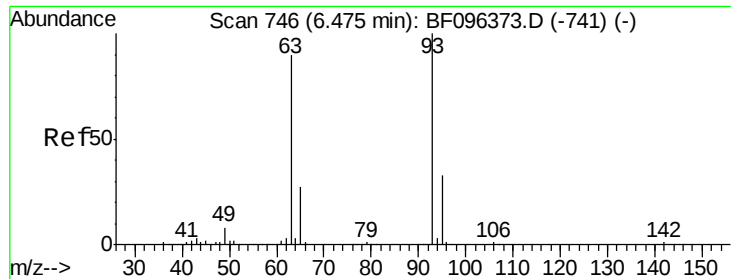
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#10
Phenol
Concen: 39.644 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.9	49.9
66	41.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 45.944 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

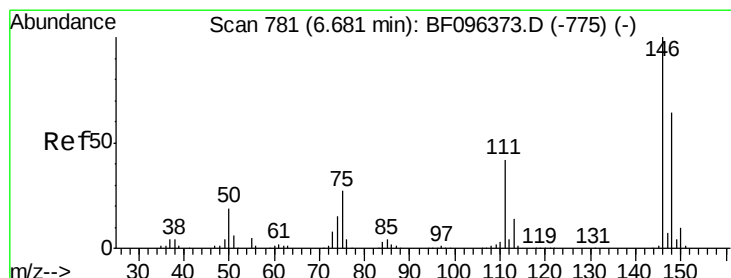
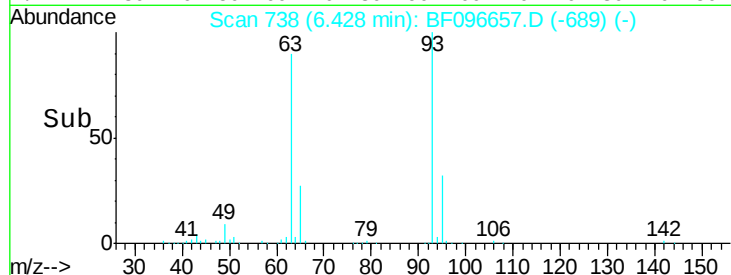
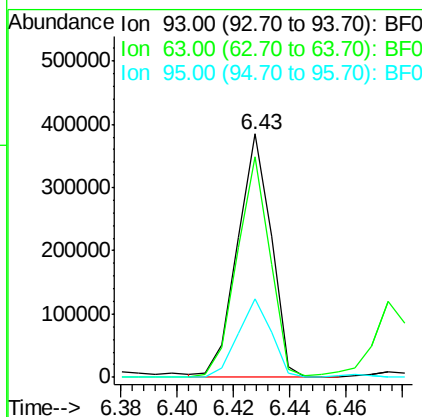
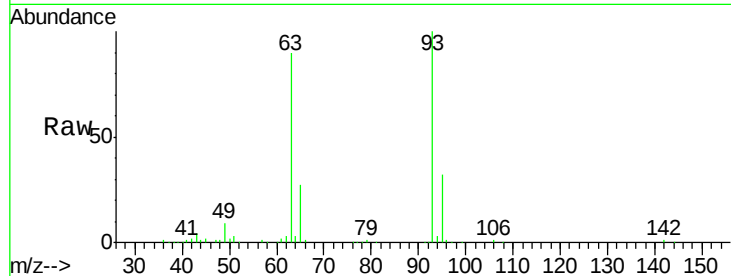
ClientSampleId :

TP-12-COMPMS

Tgt Ion:	93	Resp:	316495
Ion Ratio	Lower	Upper	
93	100		
63	90.4	59.2	99.2
95	32.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 43.315 ng

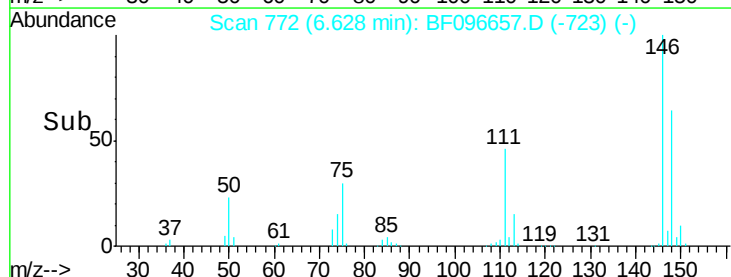
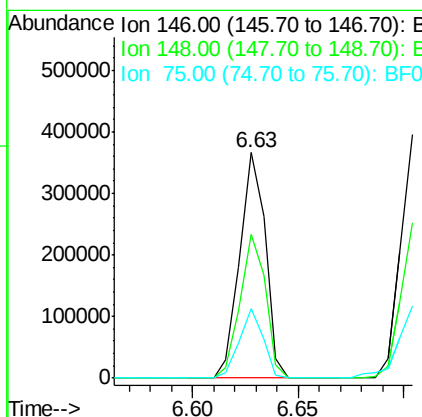
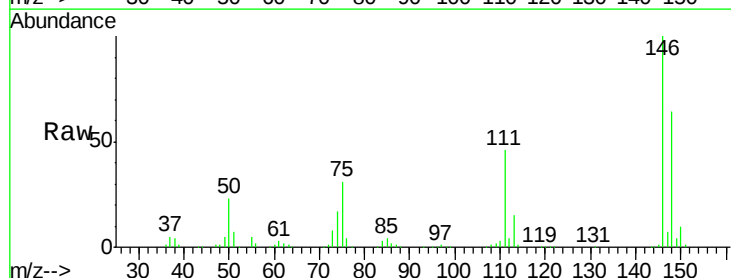
RT: 6.63 min Scan# 772

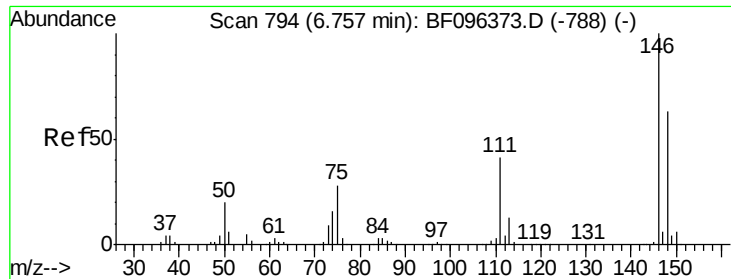
Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Tgt Ion:	146	Resp:	308256
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
75	30.6	23.1	34.7





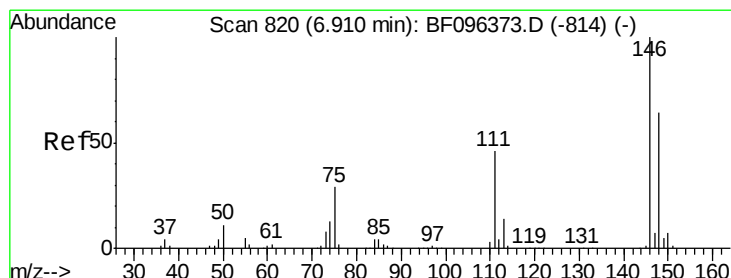
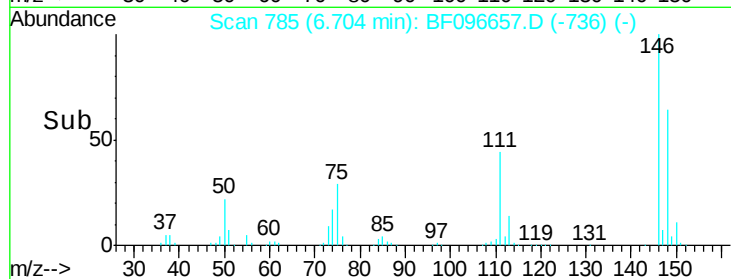
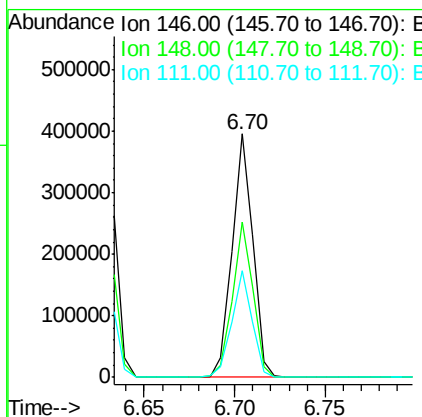
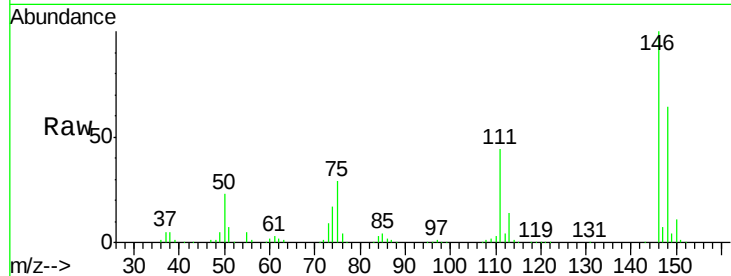
#13
 1,4-Dichlorobenzene
 Concen: 44.337 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	43.7	30.3	45.5

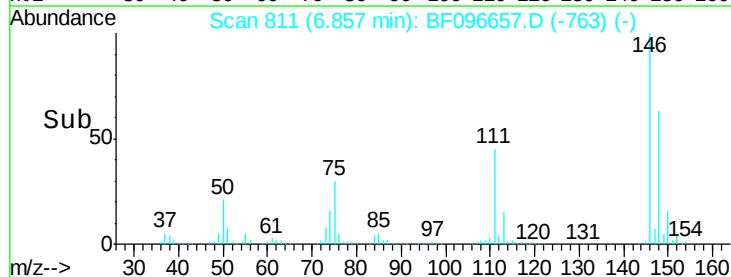
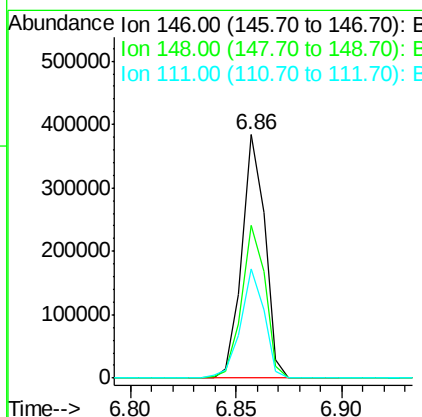
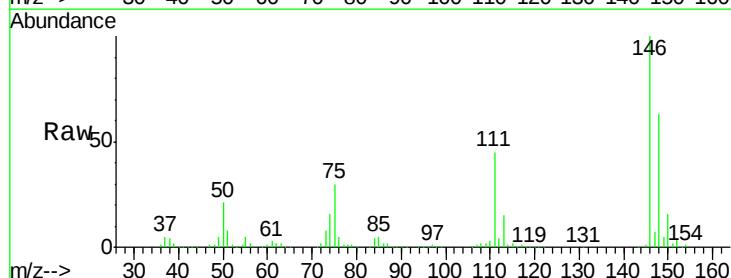
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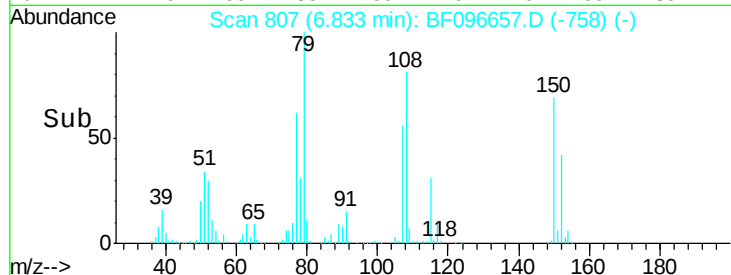
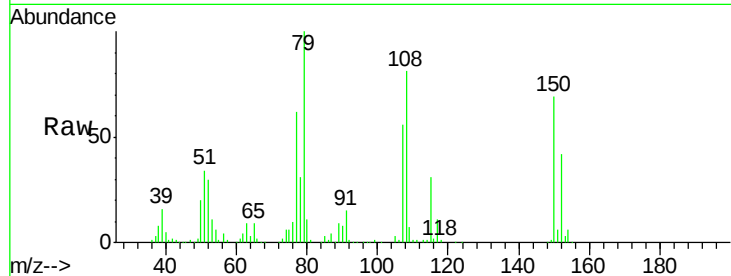
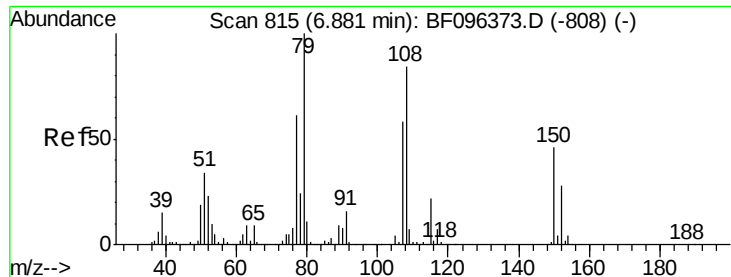
mohammad
 7/12/2017 4:50:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.490 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	44.8	38.2	57.4





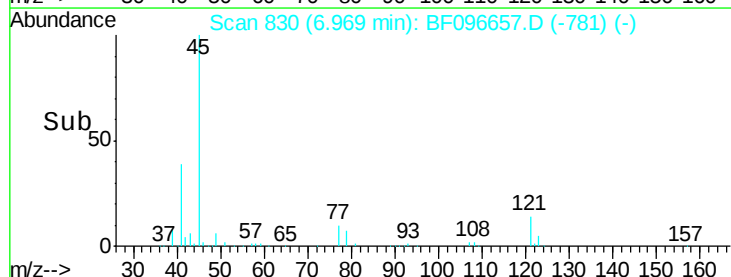
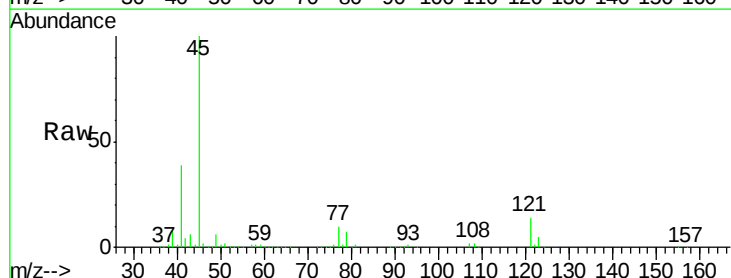
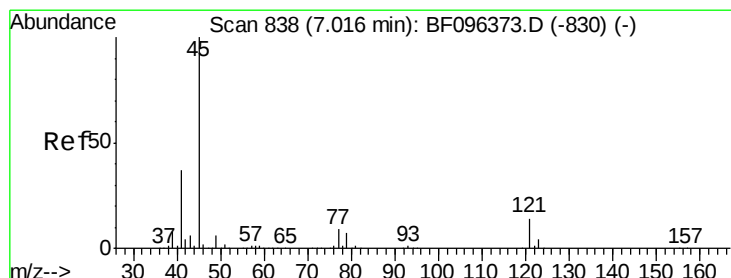
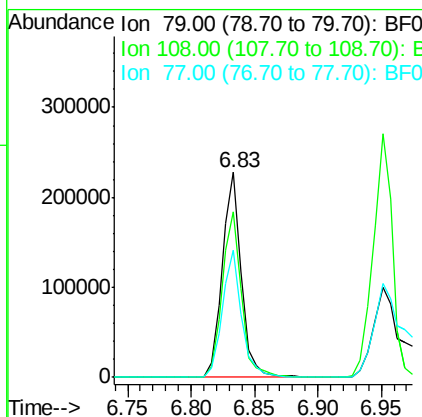
#15
Benzyl Alcohol
Concen: 45.525 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	238111		
108	81.0	63.4	95.0	
77	62.0	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

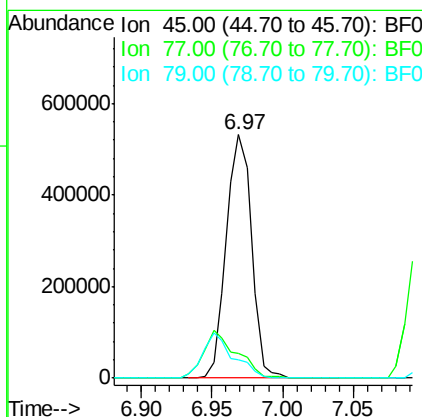
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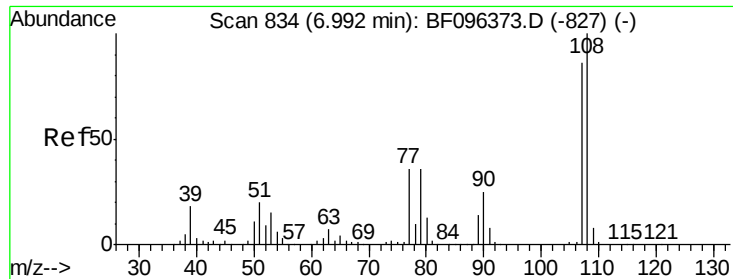
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.482 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	664955		
77	10.0	0.0	33.2	
79	7.4	0.0	30.0	





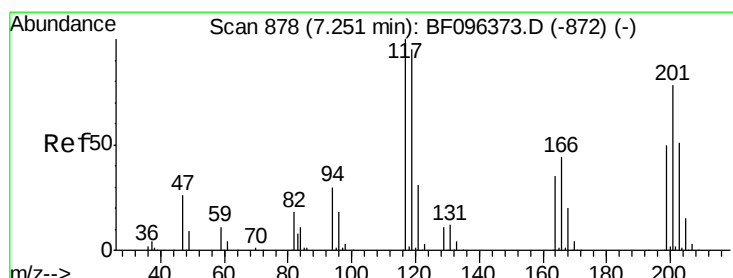
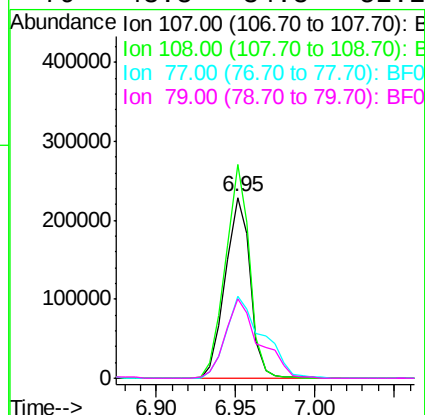
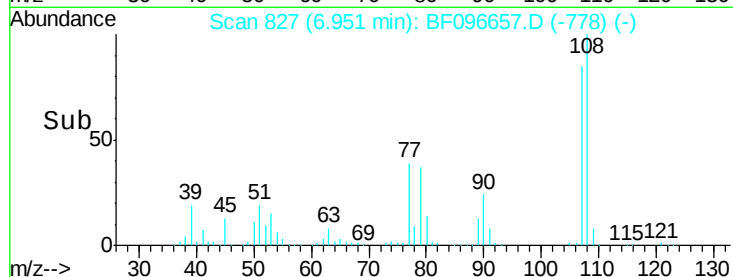
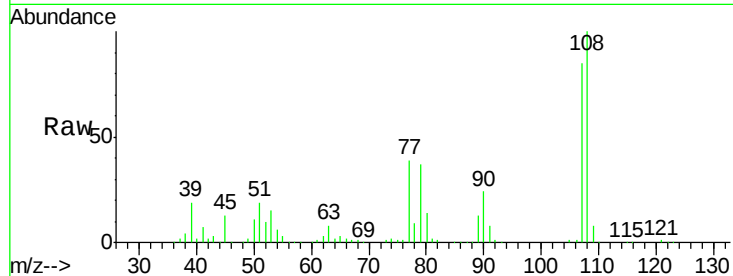
#17
2-Methylphenol
Concen: 46.498 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	251509		
108	118.3	93.4	140.0	
77	45.6	35.8	53.6	
79	43.8	34.8	52.2	

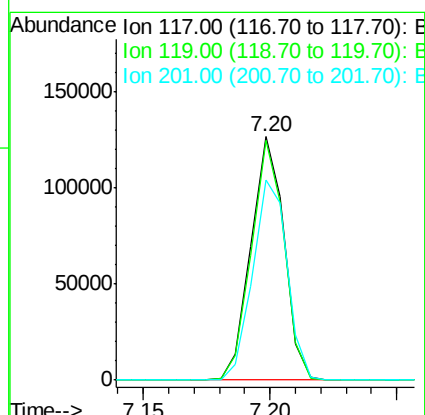
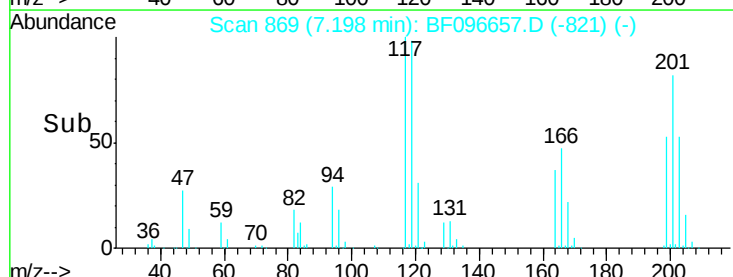
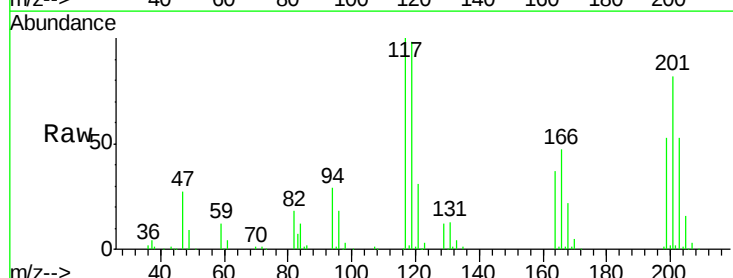
Manual Integrations
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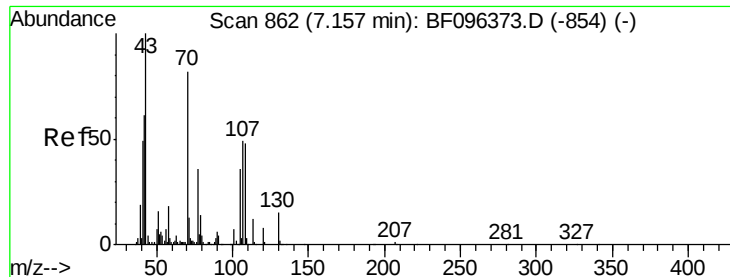
mohammad
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#18
Hexachloroethane
Concen: 44.533 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114839		
119	98.3	77.4	116.0	
201	82.3	94.6	141.8#	





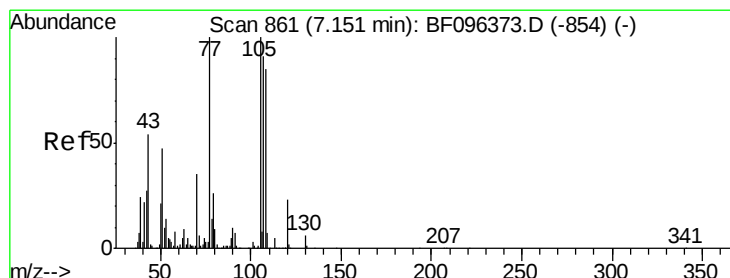
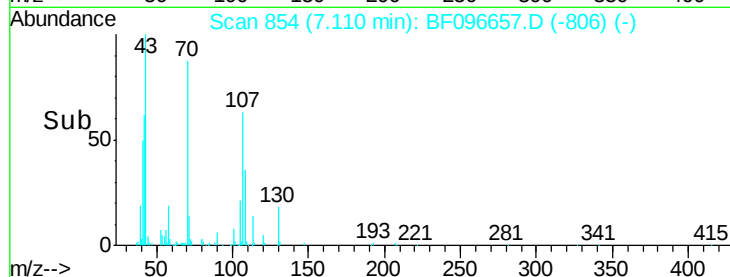
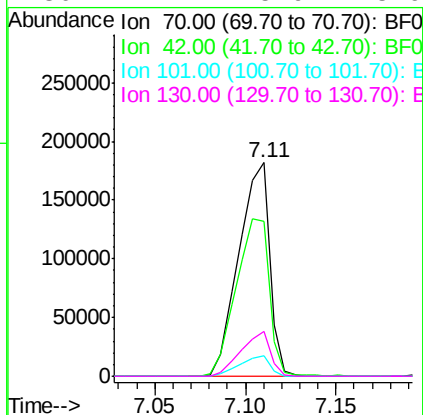
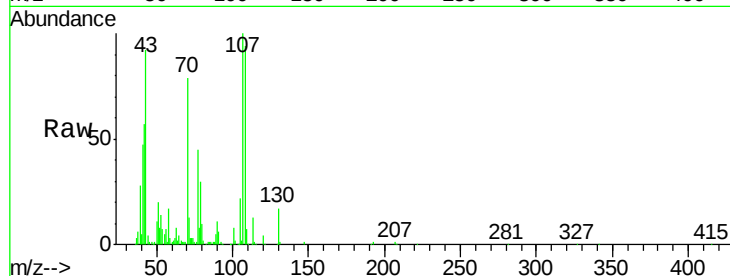
#19
n-Nitroso-di-n-propylamine
Concen: 46.239 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.7	47.2	70.8#
101	9.7	7.2	10.8
130	21.2	15.9	23.9

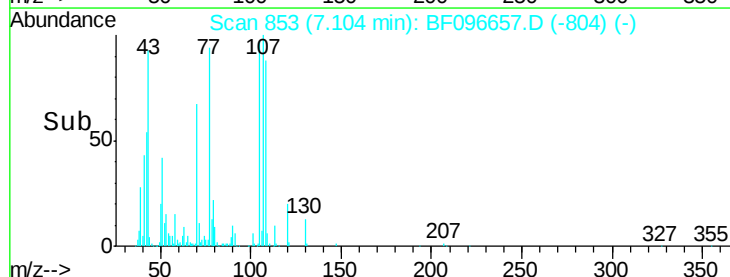
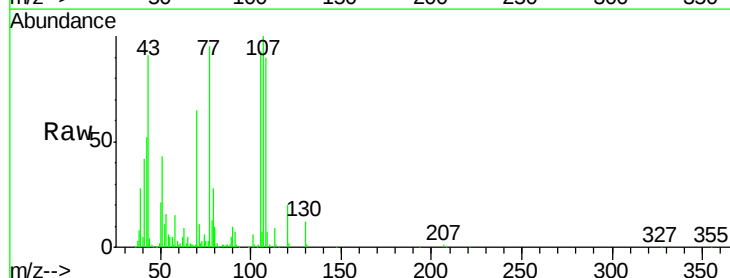
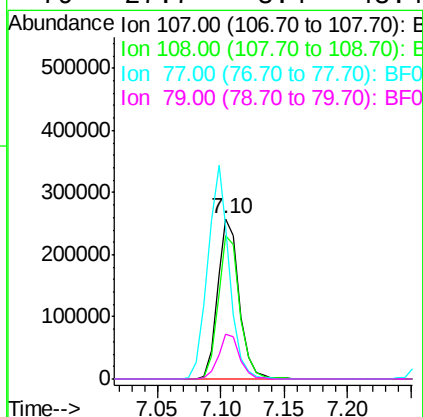
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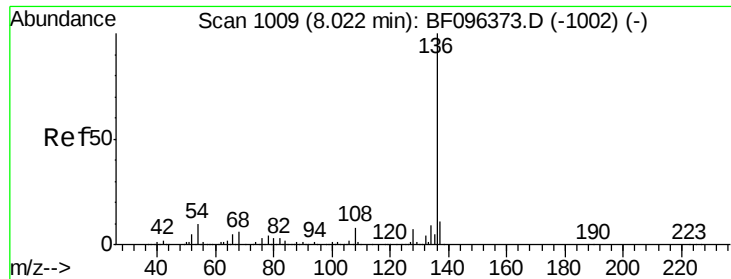
mohammad
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#20
3+4-Methylphenols
Concen: 50.909 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.0	111.0
77	95.1	90.5	130.5
79	27.7	8.4	48.4





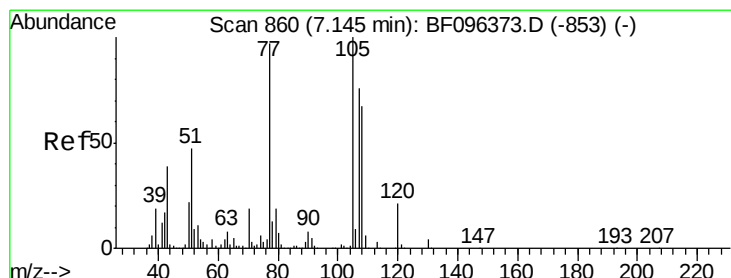
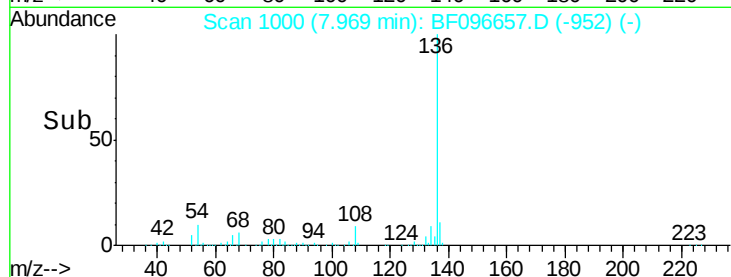
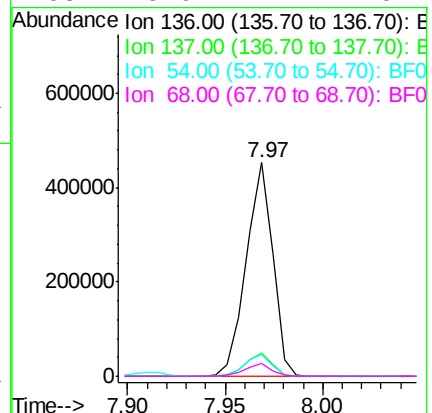
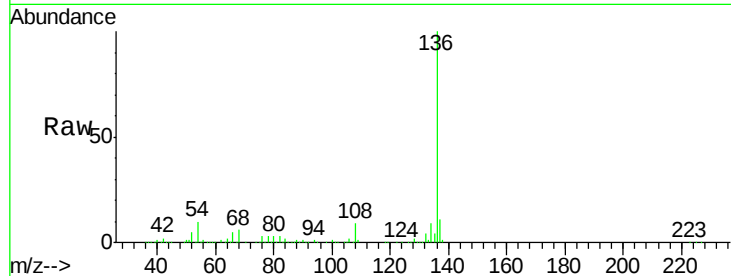
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	426183		
137	10.7	8.5	12.7	
54	10.3	4.9	7.3	
68	5.9	4.1	6.1	

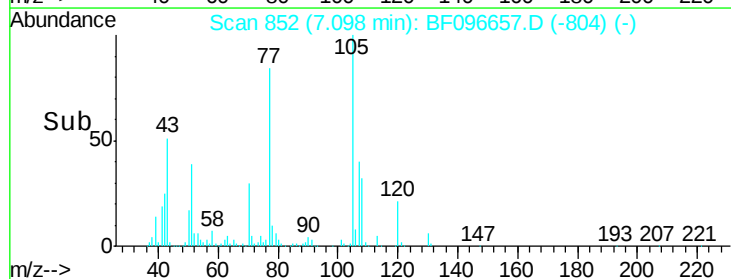
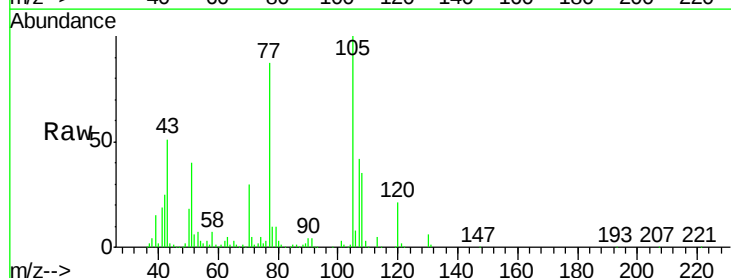
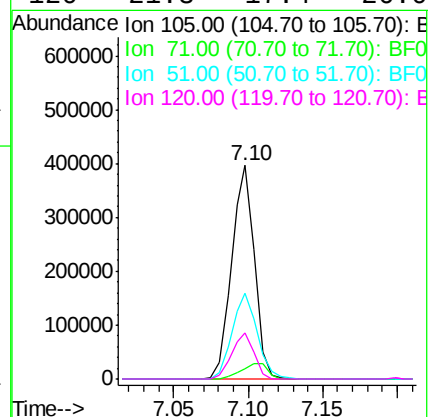
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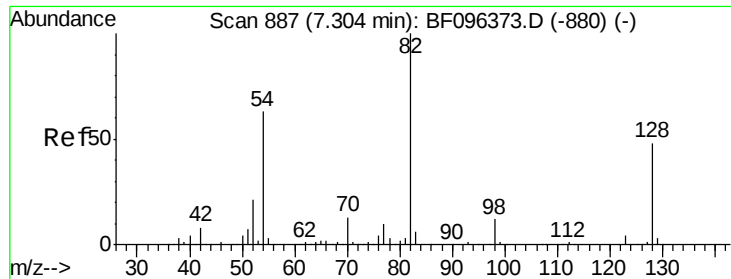
mohammad
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#22
Acetophenone
Concen: 45.851 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426971		
71	5.0	2.8	4.2	
51	40.3	30.7	46.1	
120	21.3	17.4	26.0	





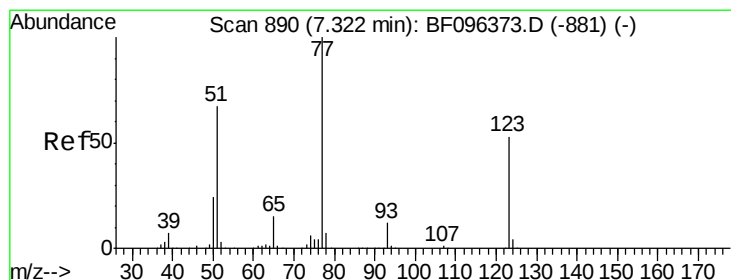
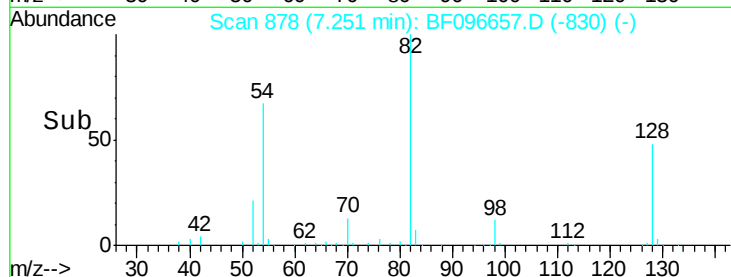
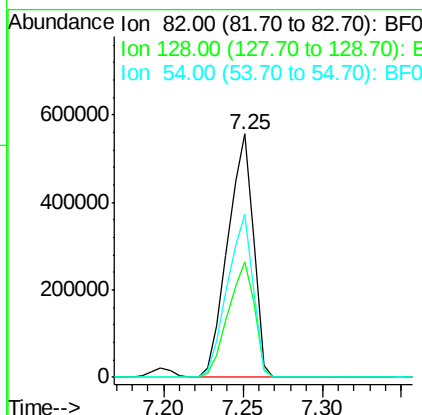
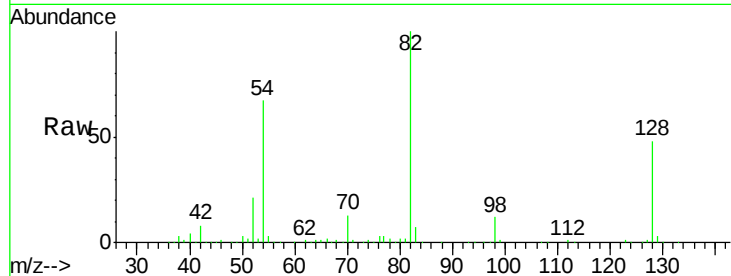
#23
 Nitrobenzene-d5
 Concen: 88.388 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	66.9	42.2	63.2

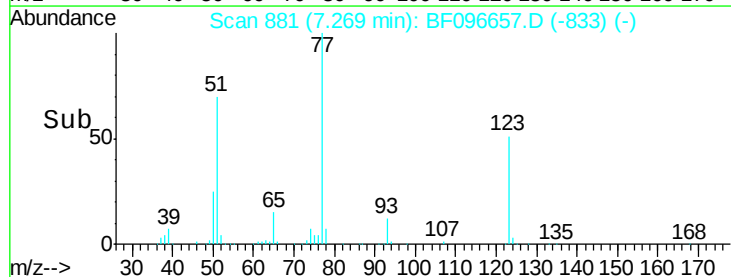
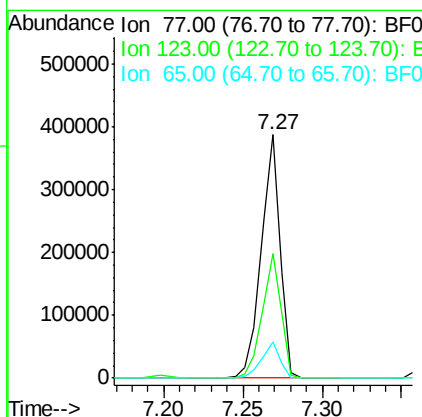
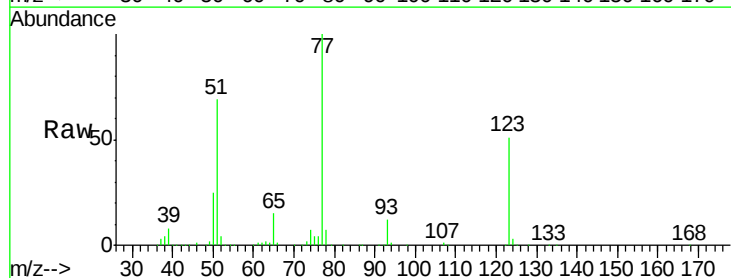
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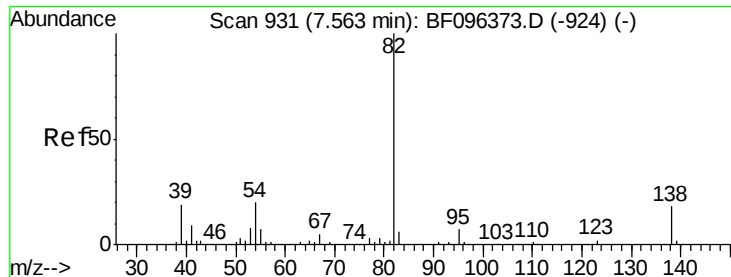
mohammad
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#24
 Nitrobenzene
 Concen: 43.694 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	35.8	53.8
65	14.8	10.6	15.8





#25

Isophorone

Concen: 43.978 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

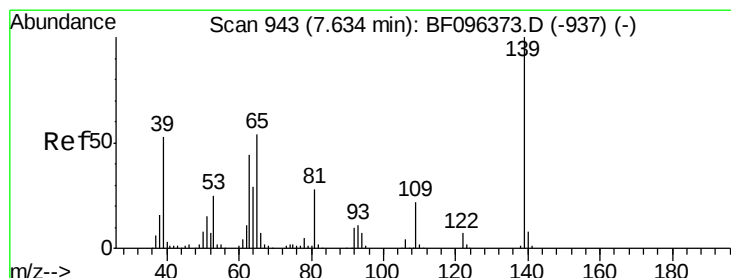
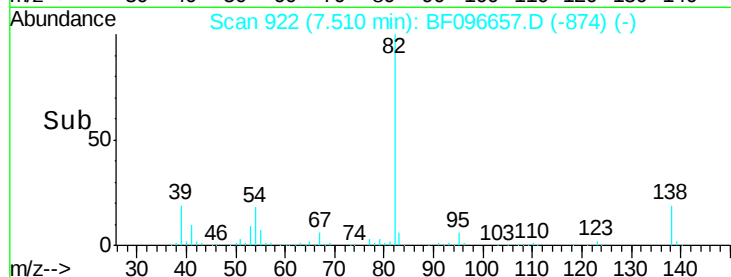
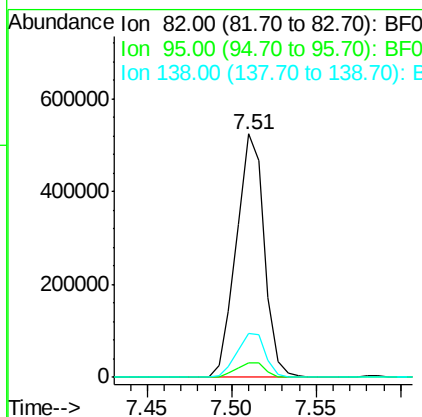
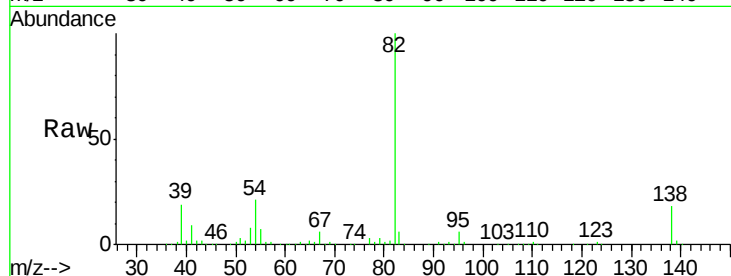
ClientSampleId :

TP-12-COMPMS

Tgt Ion:	82	Resp:	604747
Ion Ratio		Lower	Upper
82	100		
95	6.1	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
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7/12/2017 4:50:12 PM



#26

2-Nitrophenol

Concen: 43.704 ng

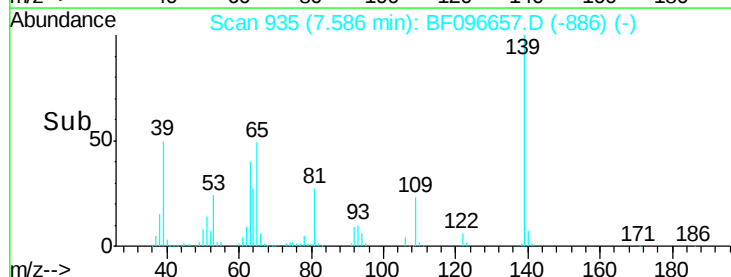
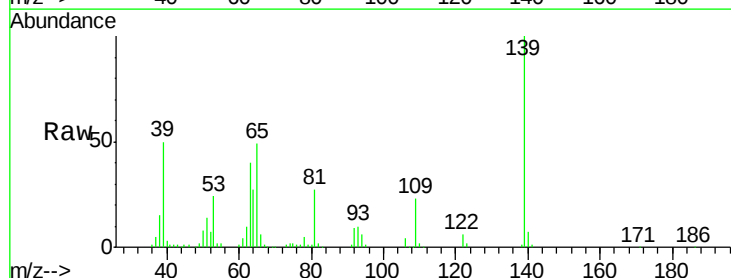
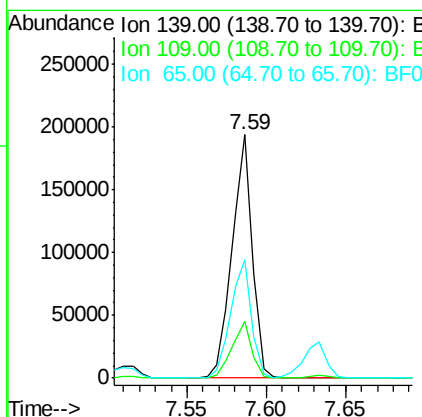
RT: 7.59 min Scan# 935

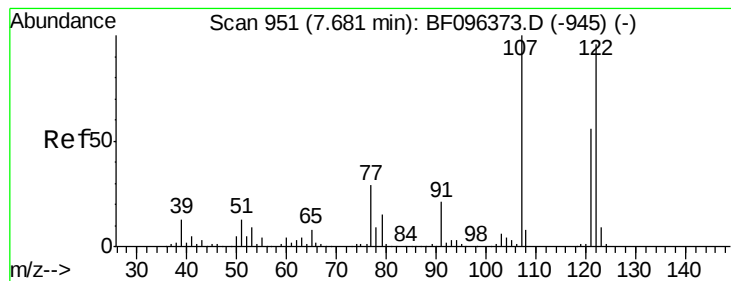
Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Tgt Ion:	139	Resp:	172110
Ion Ratio		Lower	Upper
139	100		
109	23.4	21.0	31.6
65	48.5	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 43.665 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

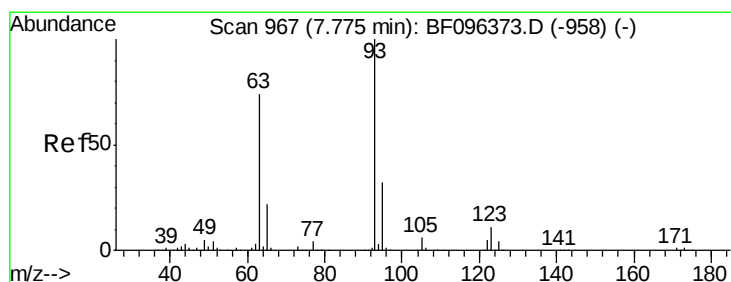
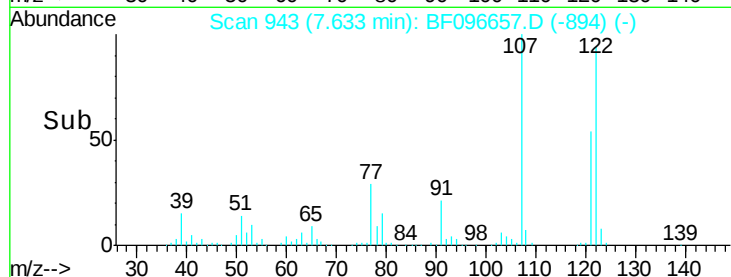
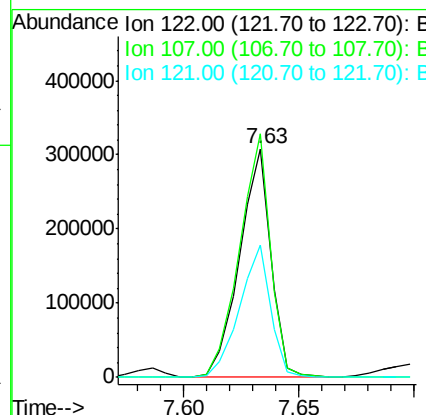
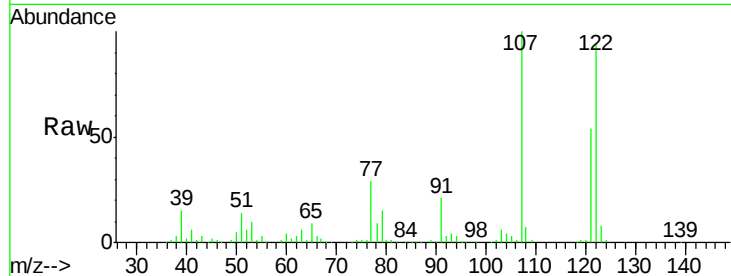
ClientSampleId :

TP-12-COMPMS

Tgt Ion:	122	Resp:	292797
Ion Ratio	Lower	Upper	
122	100		
107	106.4	89.2	133.8
121	57.6	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.700 ng

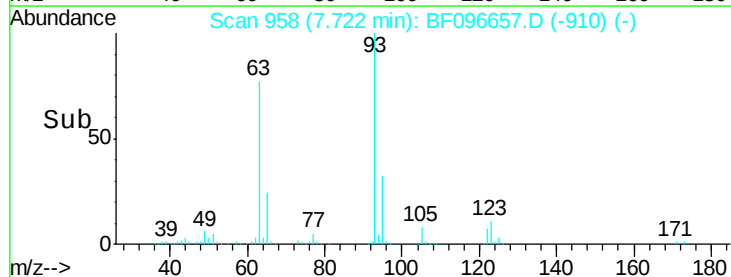
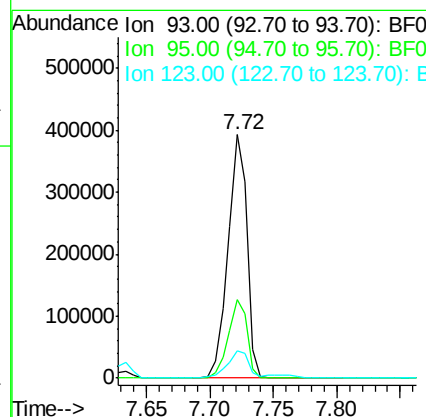
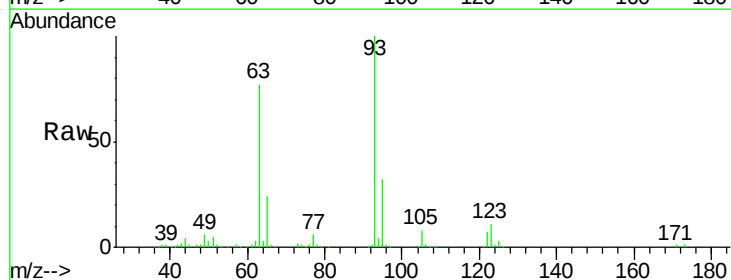
RT: 7.72 min Scan# 958

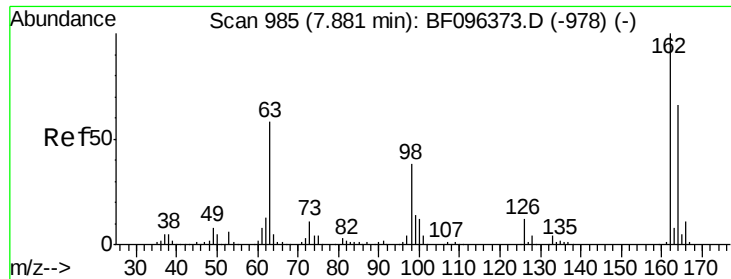
Delta R.T. -0.02 min

Lab File: BF096657.D

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Tgt Ion:	93	Resp:	405769
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	11.2	9.0	13.4





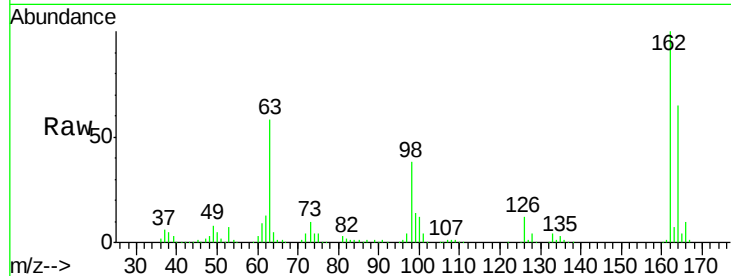
#29
2,4-Dichlorophenol
Concen: 45.743 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

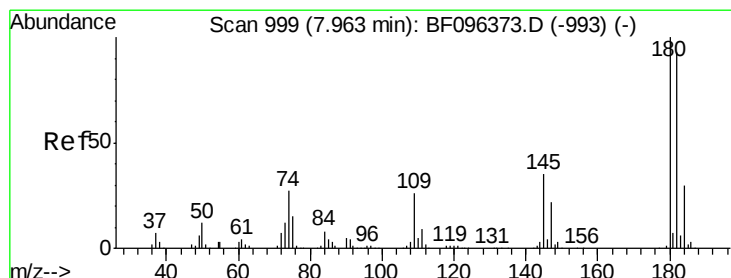
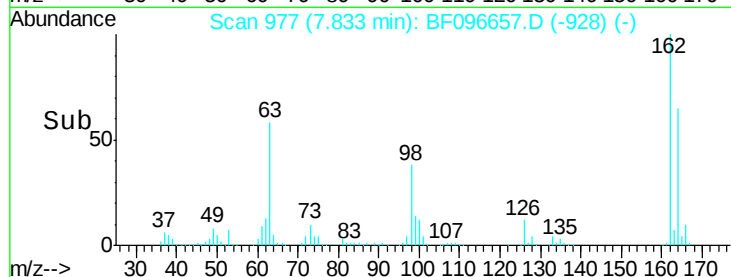
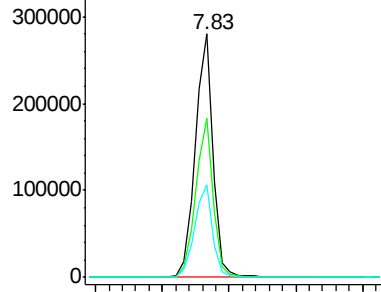
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	264644		
164	65.4	44.6	84.6	
98	38.1	14.8	54.8	

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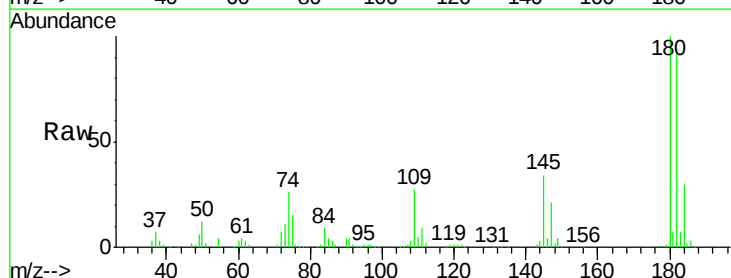


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

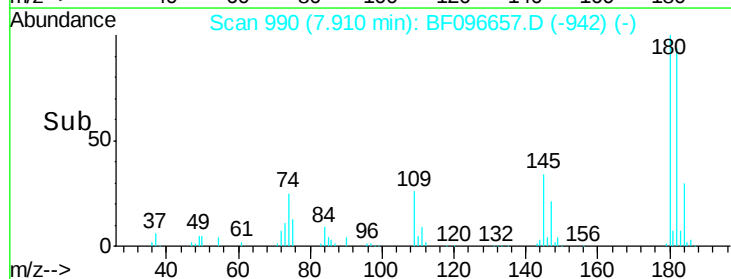
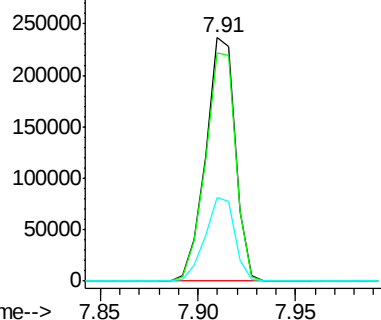


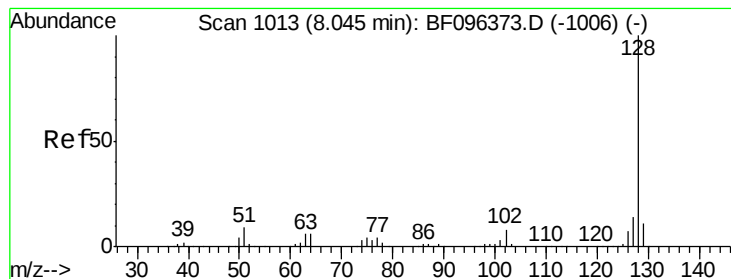
#30
1,2,4-Trichlorobenzene
Concen: 45.526 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	248454		
182	93.9	75.8	113.6	
145	34.3	25.3	37.9	



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





#31

Naphthalene

Concen: 46.415 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

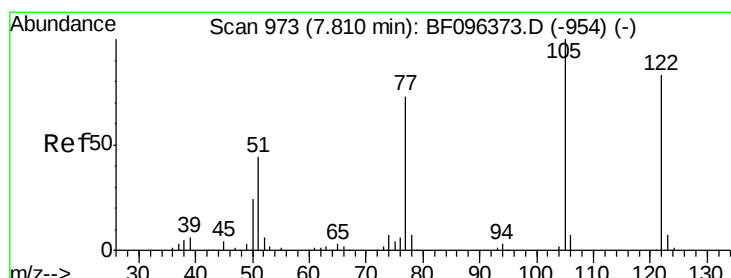
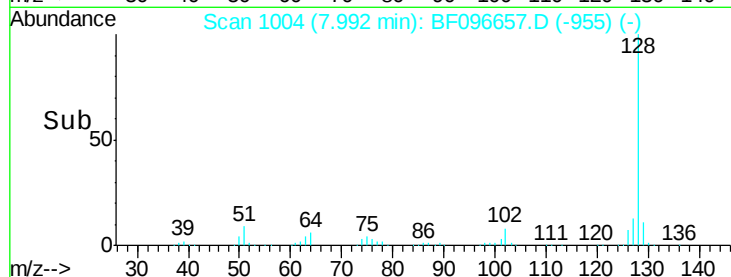
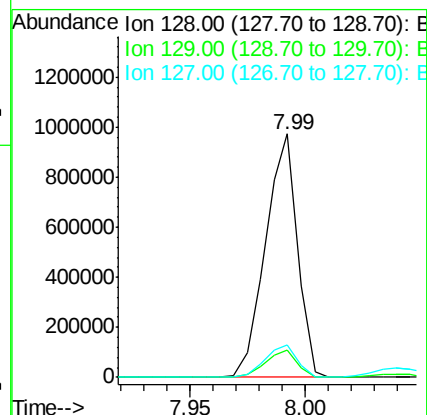
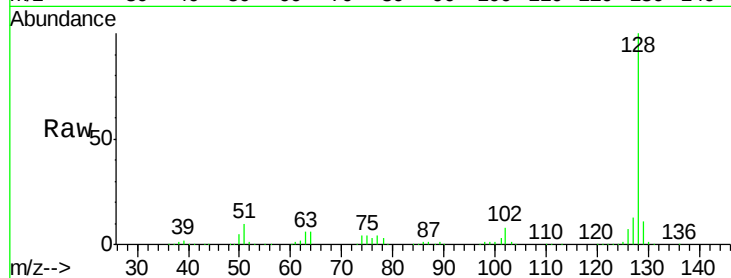
ClientSampleId :

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Tgt Ion:	128	Resp:	933859
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.1	10.8	16.2

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#32

Benzoic acid

Concen: 34.305 ng

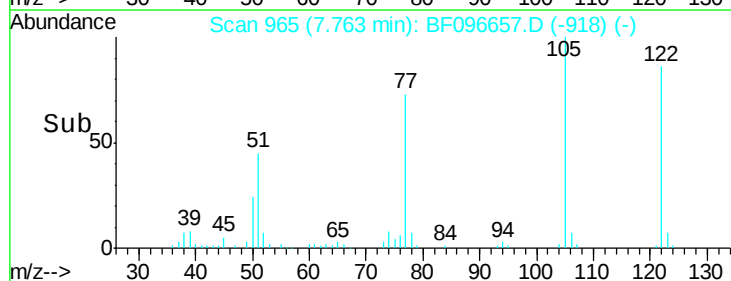
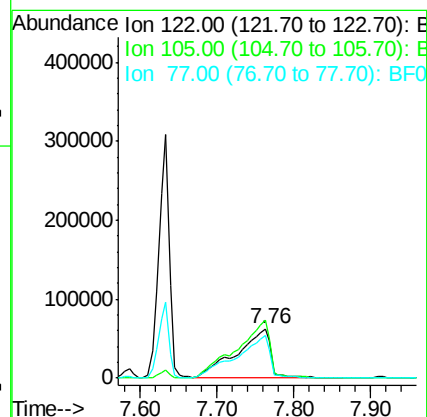
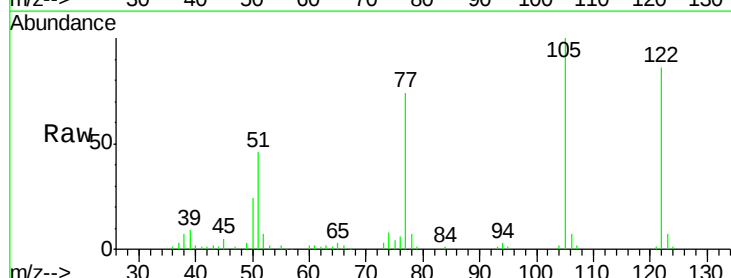
RT: 7.76 min Scan# 965

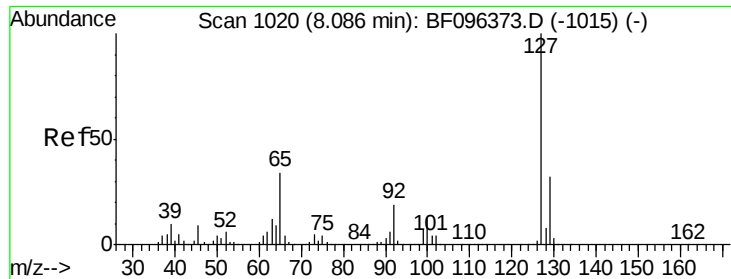
Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Tgt Ion:	122	Resp:	193193
Ion Ratio	Lower	Upper	
122	100		
105	116.6	103.3	143.3
77	86.2	73.7	113.7





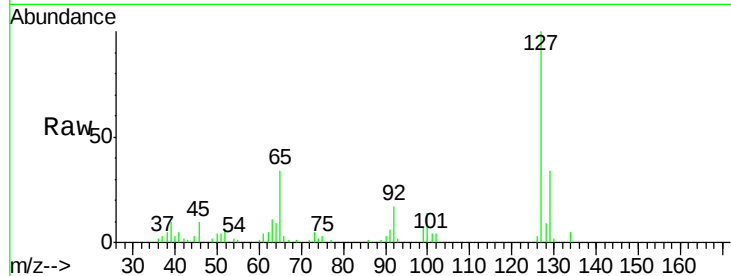
#33
4-Chloroaniline
Concen: 8.071 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

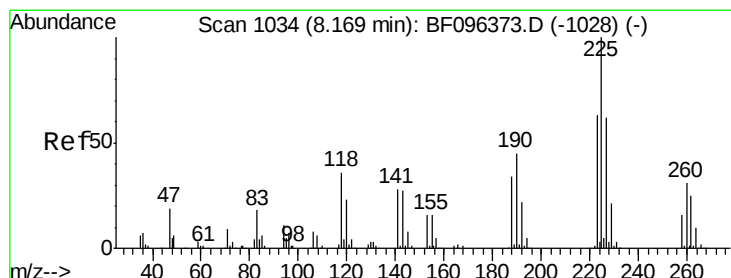
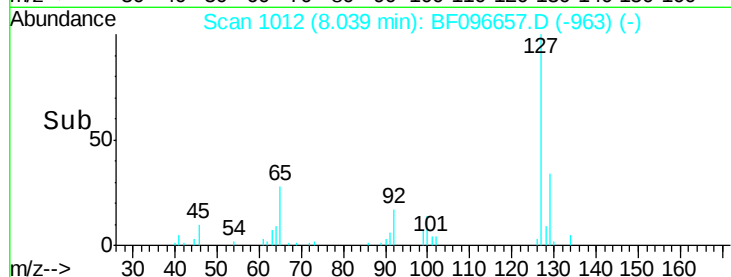
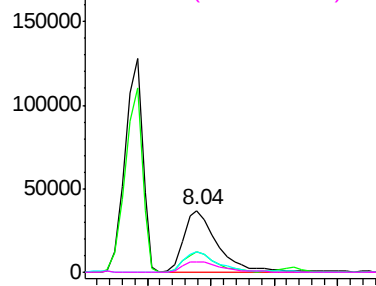
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		67451		
129	34.3	26.2	39.2		
65	33.5	27.8	41.8		
92	17.4	16.8	25.2		

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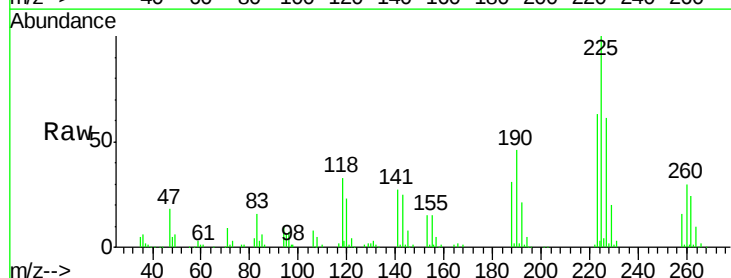


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

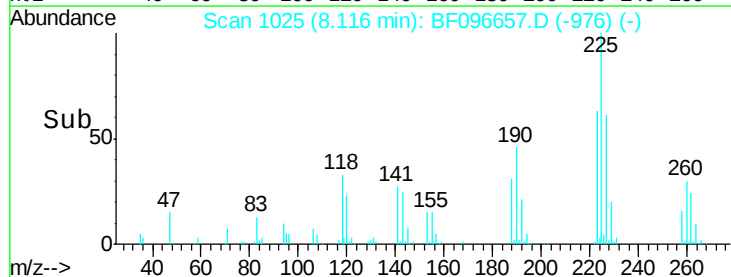
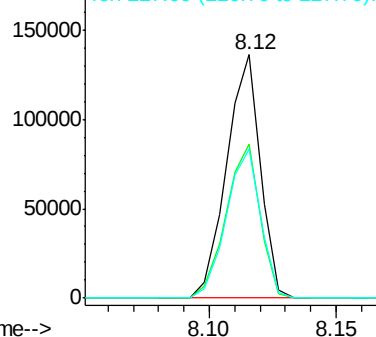


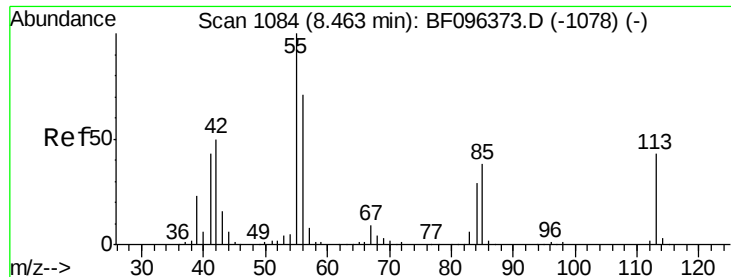
#34
Hexachlorobutadiene
Concen: 45.278 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		126739		
223	63.4	48.8	73.2		
227	61.0	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





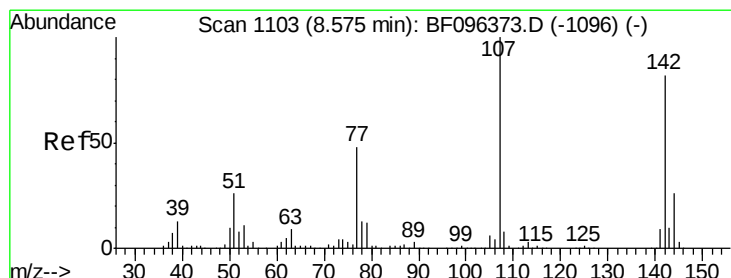
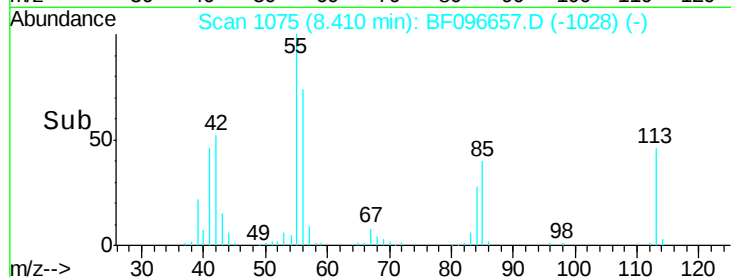
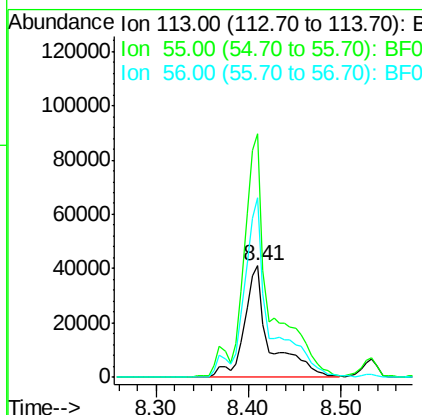
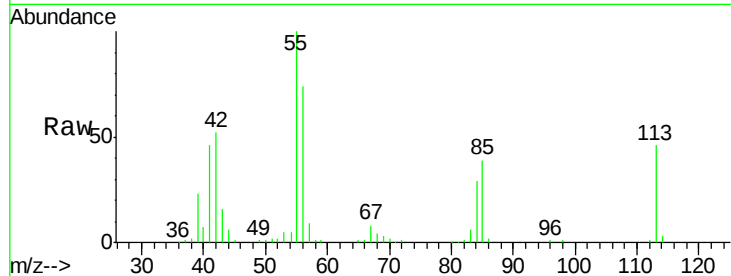
#35
 Caprolactam
 Concen: 40.079 ng m
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion:113 Resp: 79958
 Ion Ratio Lower Upper
 113 100
 55 217.9 150.2 190.2#
 56 160.5 107.8 147.8#

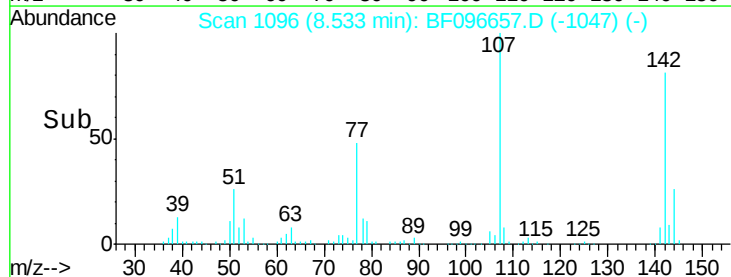
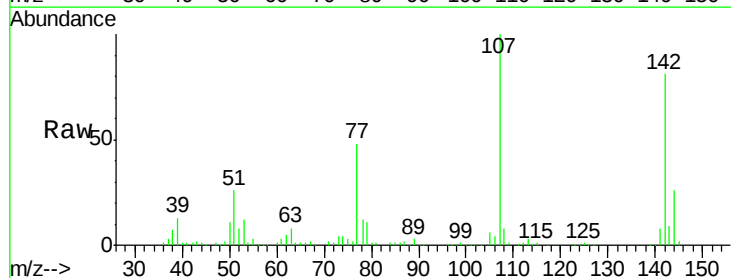
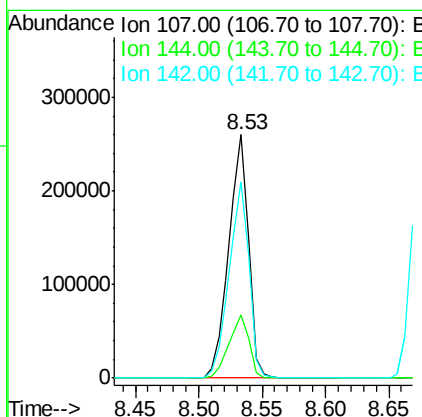
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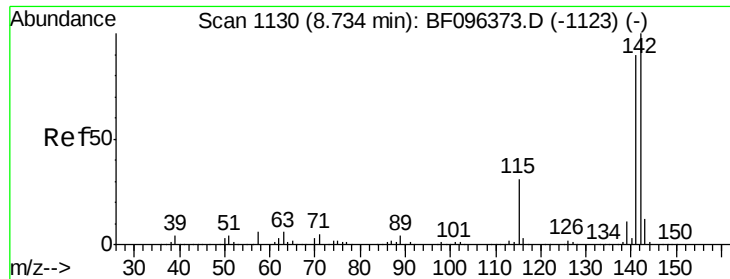
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#36
 4-Chloro-3-methylphenol
 Concen: 43.755 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion:107 Resp: 280100
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 80.5 73.4 110.0





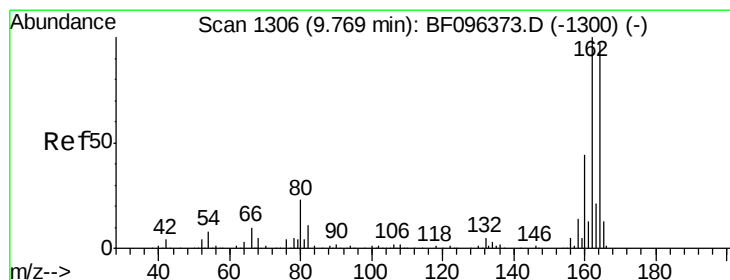
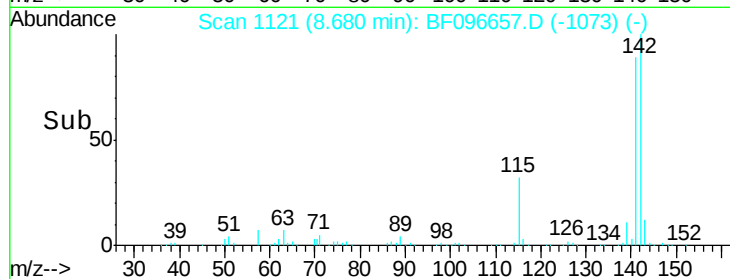
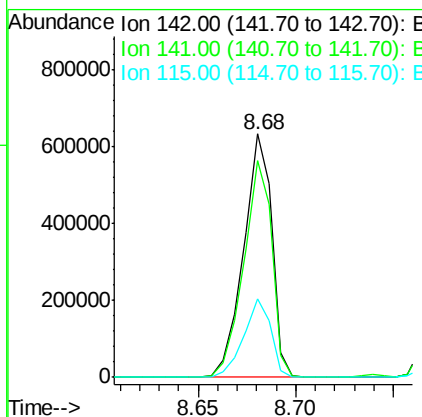
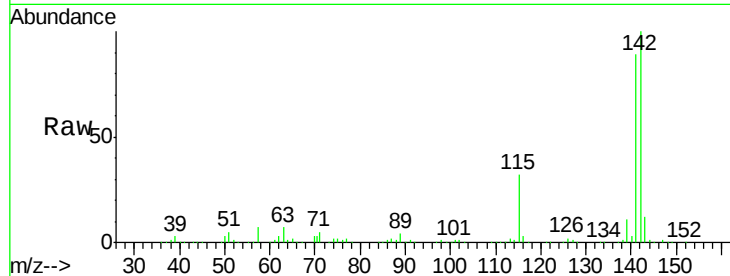
#37
2-Methylnaphthalene
Concen: 49.500 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	32.3	27.1	40.7

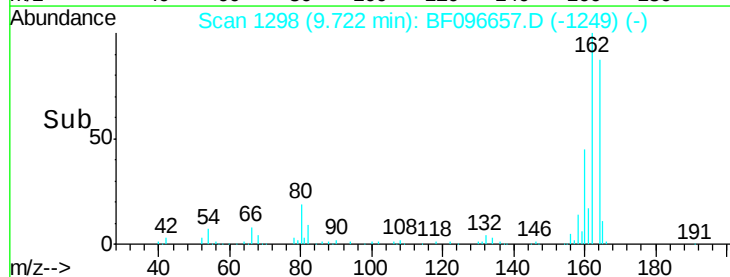
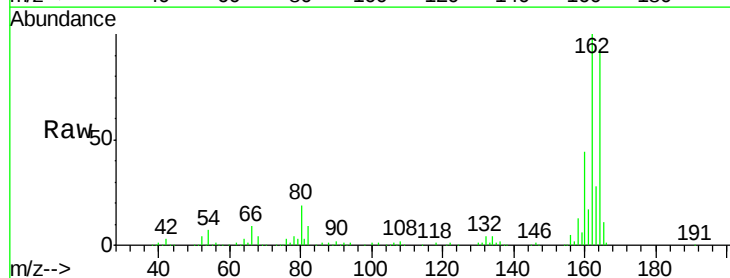
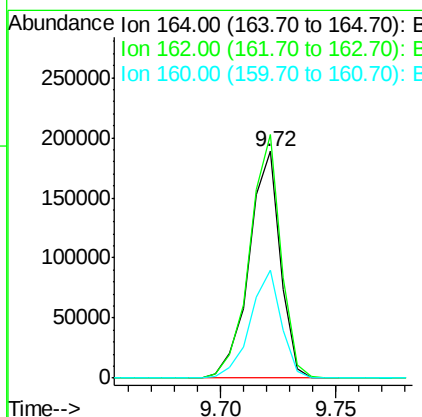
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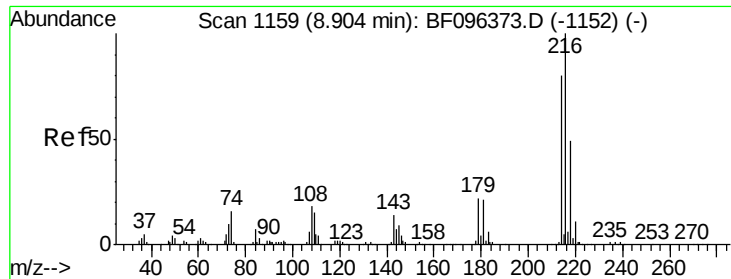
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.6	123.8
160	47.4	36.2	54.2





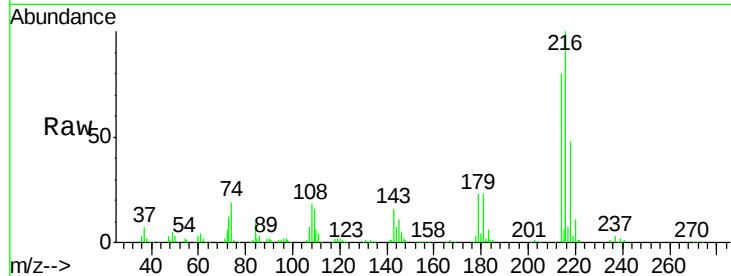
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.439 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

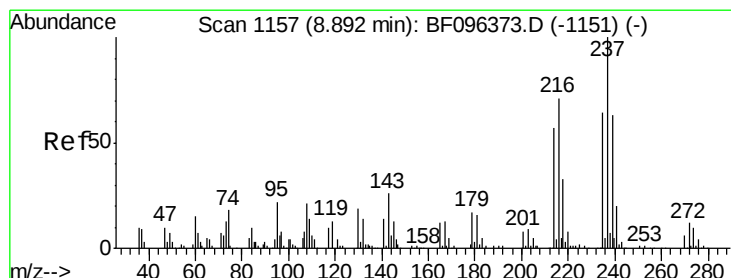
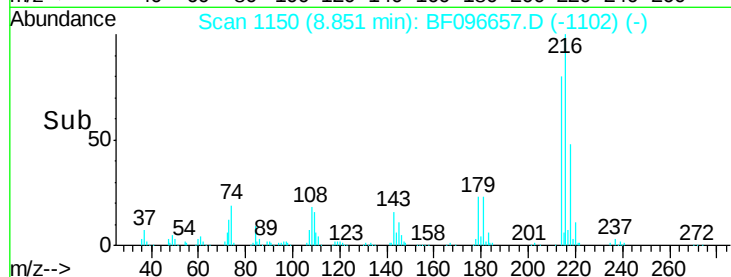
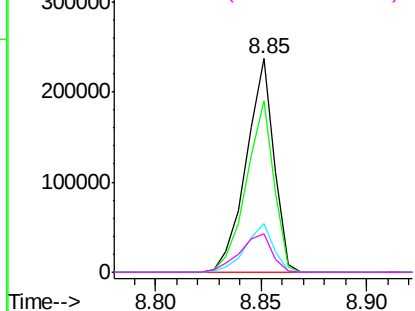
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	215267		
214	79.9	63.4	95.2	
179	22.7	17.9	26.9	
108	21.0	16.5	24.7	

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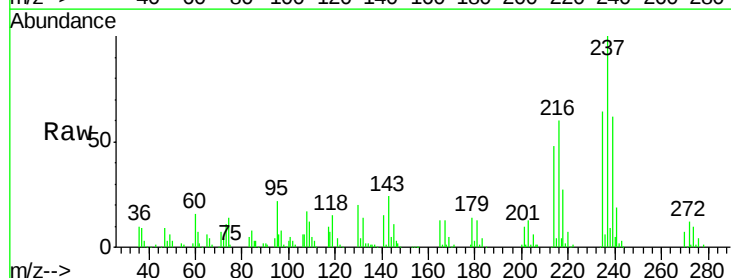


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

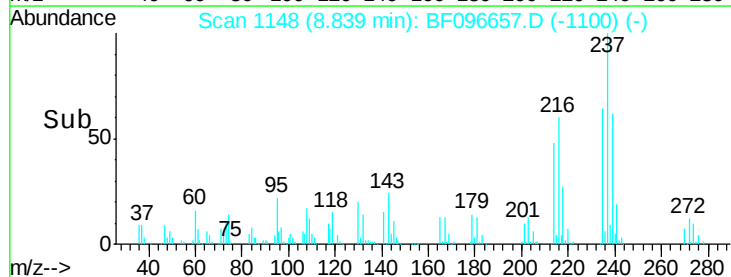
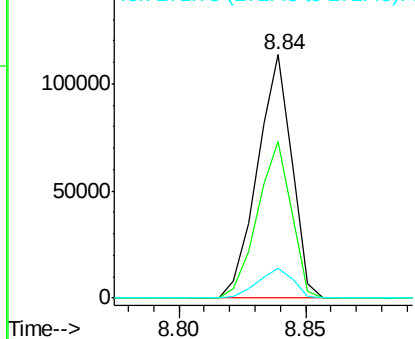


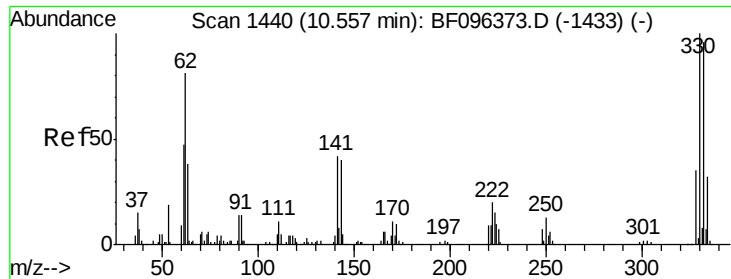
#40
 Hexachlorocyclopentadiene
 Concen: 47.550 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	107174		
235	64.4	42.6	82.6	
272	12.2	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





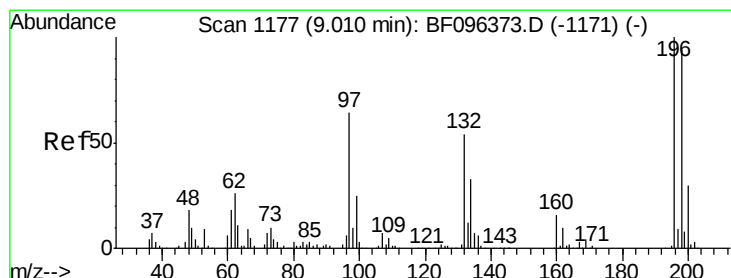
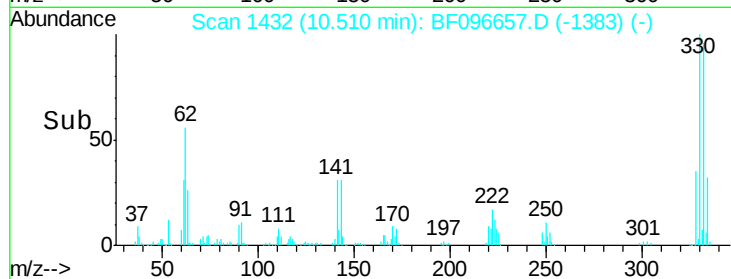
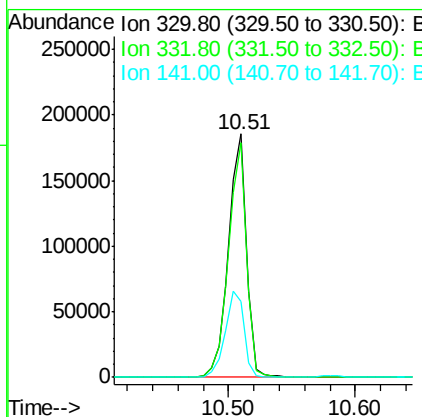
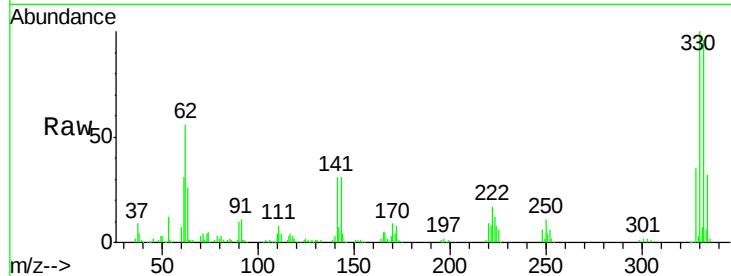
#41
 2,4,6-Tribromophenol
 Concen: 130.801 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	182403		
332	96.1	76.6	115.0	
141	37.3	31.4	47.2	

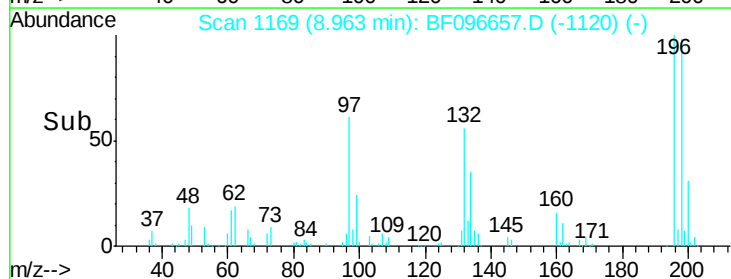
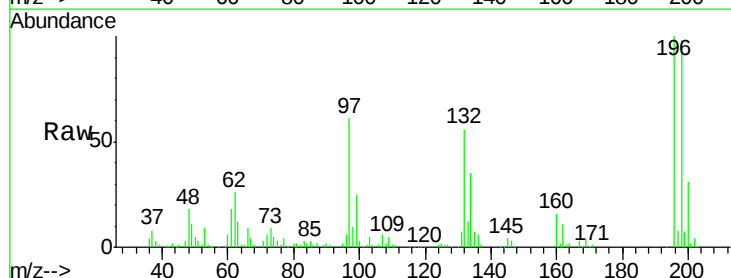
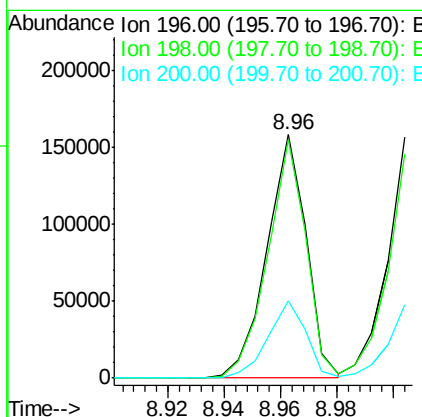
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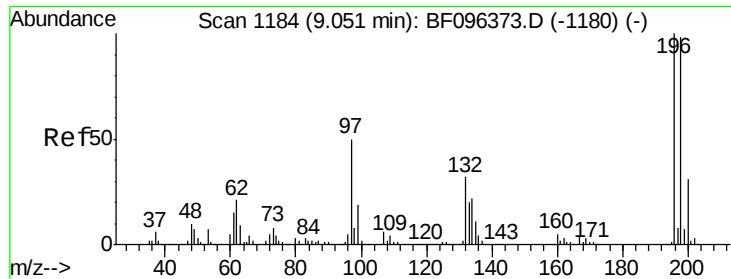
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#42
 2,4,6-Trichlorophenol
 Concen: 41.762 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

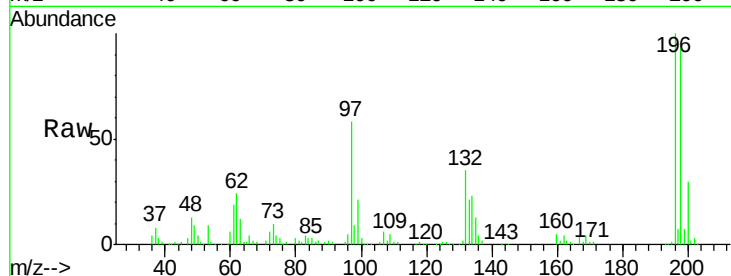
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153141		
198	97.7	74.2	111.4	
200	31.5	24.0	36.0	





#43
 2,4,5-Trichlorophenol
 Concen: 46.645 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

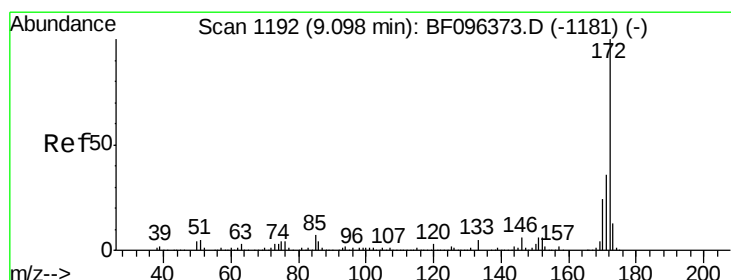
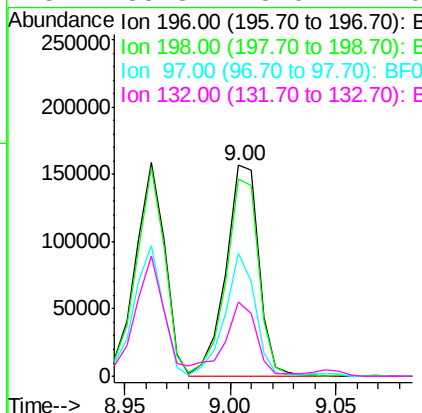
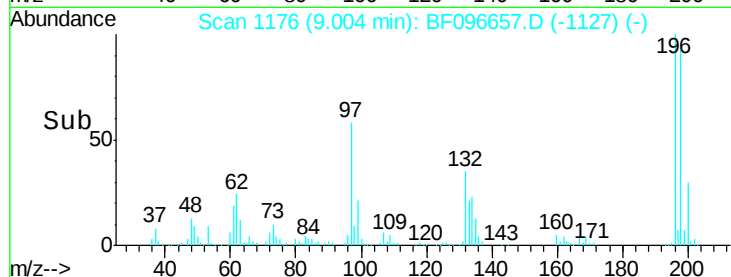
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169122		
198	93.4	75.7	113.5	
97	58.0	47.7	71.5	
132	35.3	28.0	42.0	

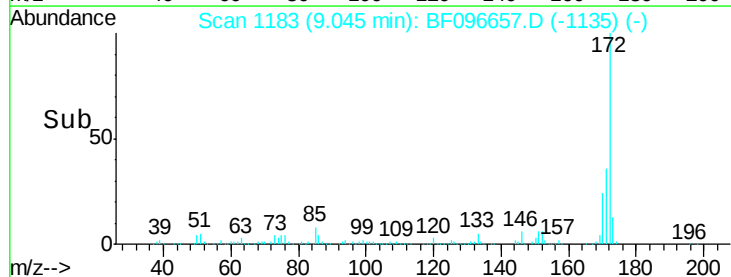
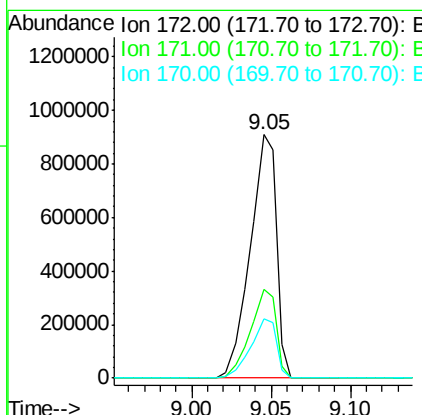
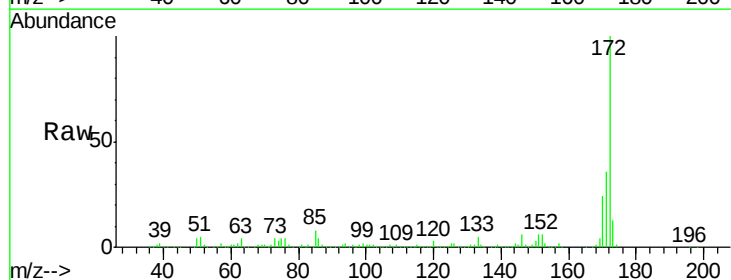
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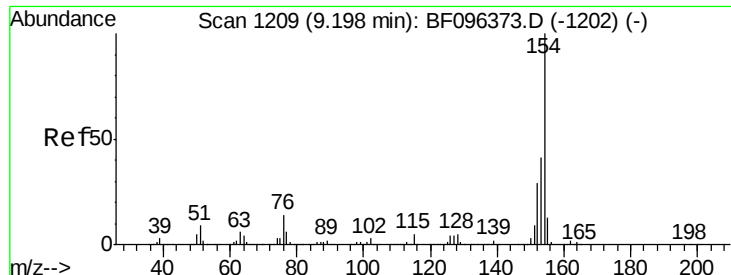
mohammad
 7/12/2017 4:50:12 PM



#44
 2-Fluorobiphenyl
 Concen: 100.102 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1045211		
171	36.4	29.6	44.4	
170	24.1	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 44.924 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

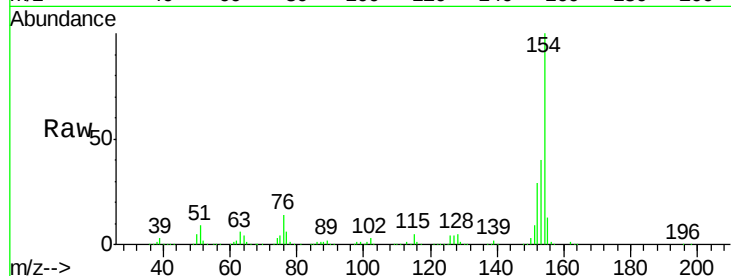
ClientSampleId :

TP-12-COMPMS

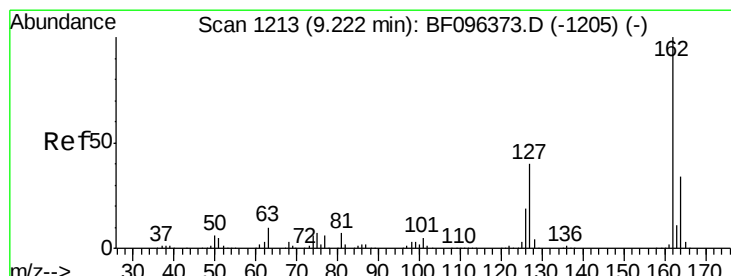
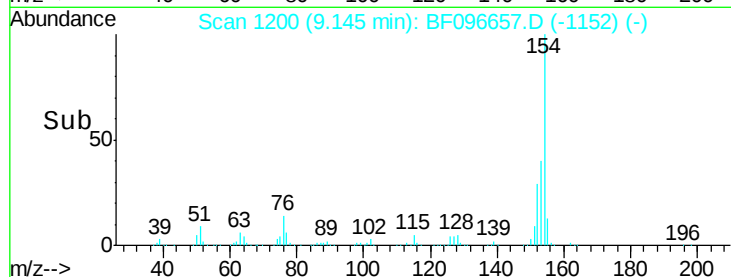
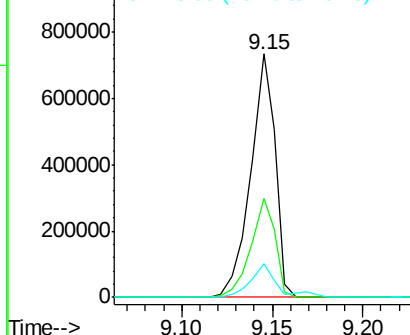
Tgt Ion:	154	Resp:	687178
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.2	61.2
76	13.9	0.0	29.9

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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: 46.304 ng

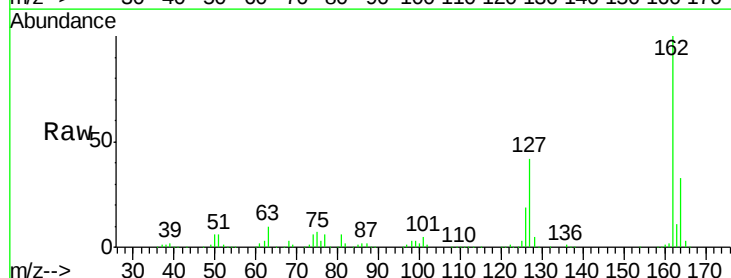
RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

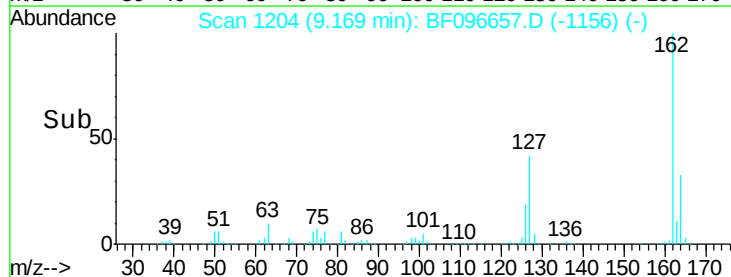
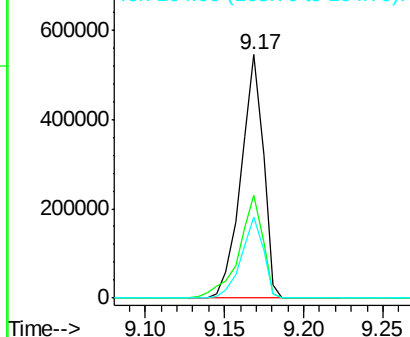
Lab File: BF096657.D

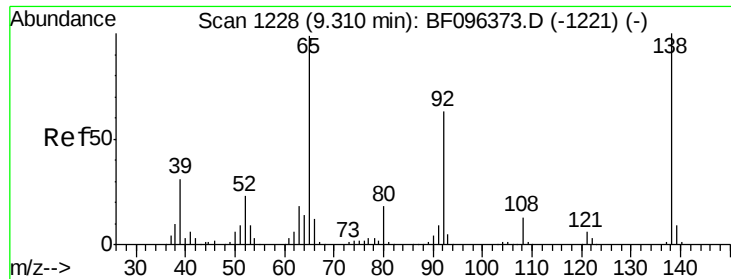
Acq: 11 Jul 2017 21:15

Tgt Ion:	162	Resp:	527845
Ion Ratio	Lower	Upper	
162	100		
127	42.3	28.3	42.5
164	33.2	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





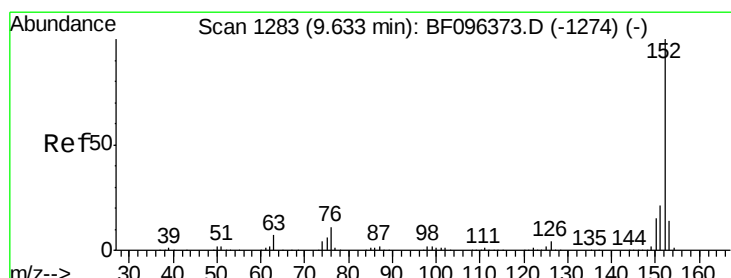
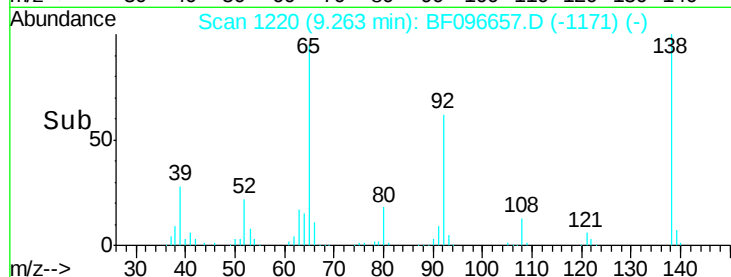
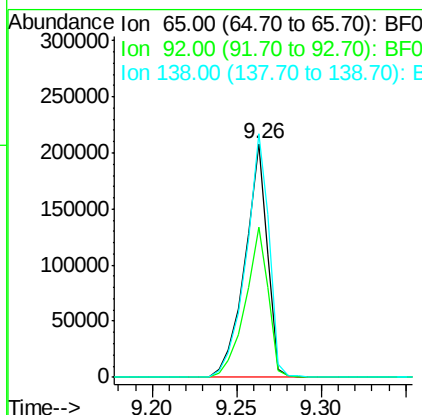
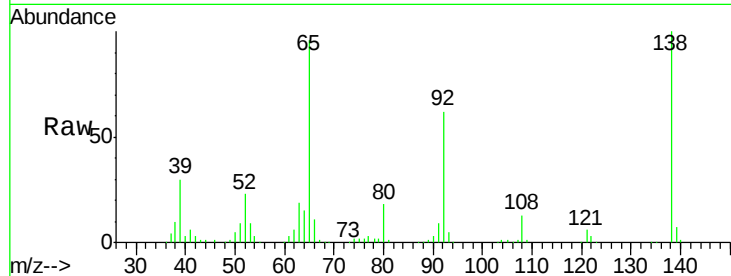
#47
2-Nitroaniline
Concen: 46.797 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.9	80.9
138	104.2	78.8	118.2

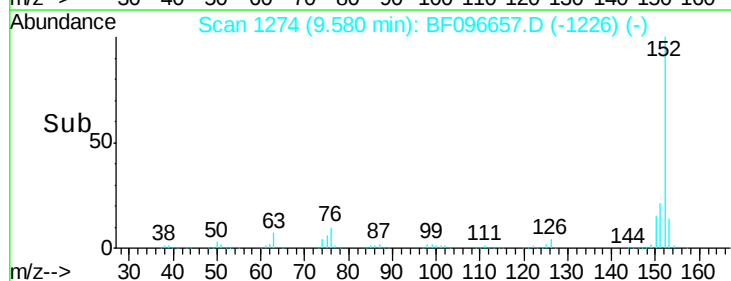
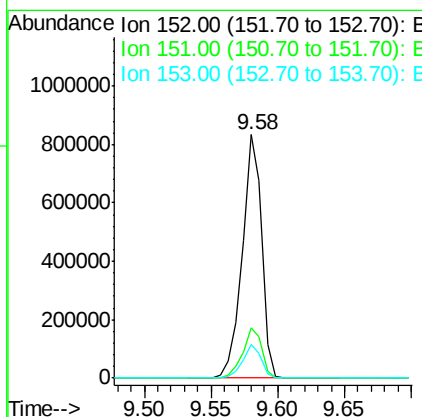
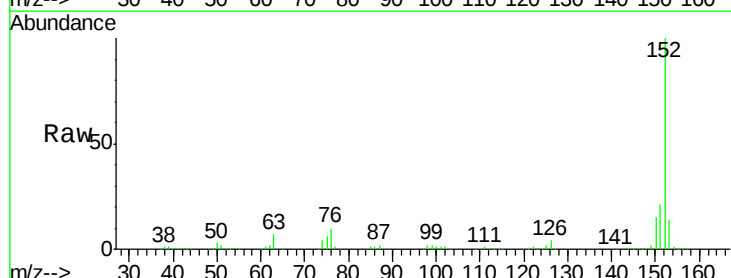
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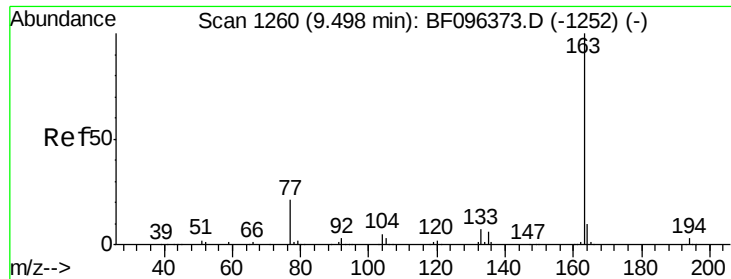
mohammad
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#48
Acenaphthylene
Concen: 46.200 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.6	10.8	16.2





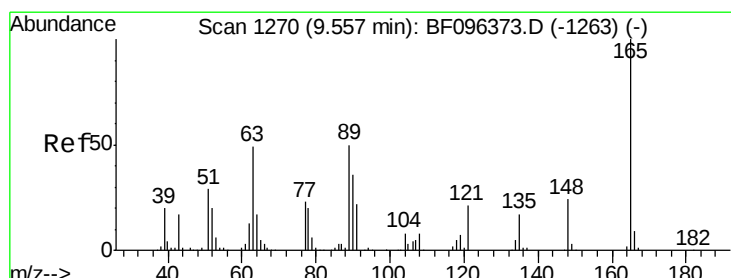
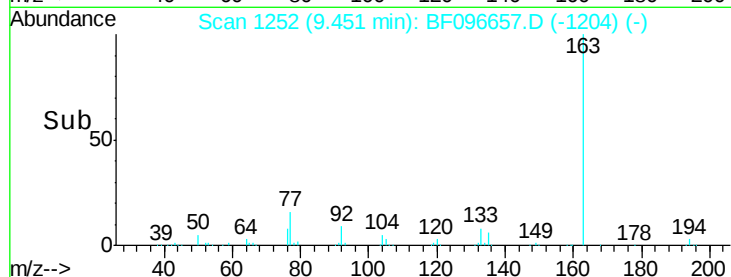
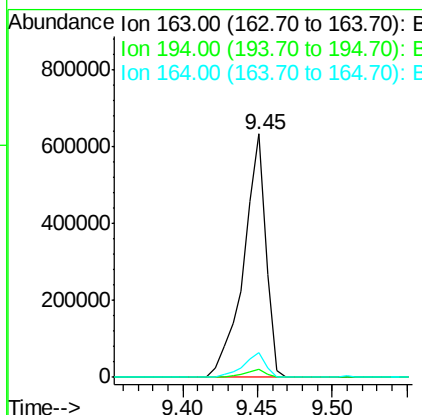
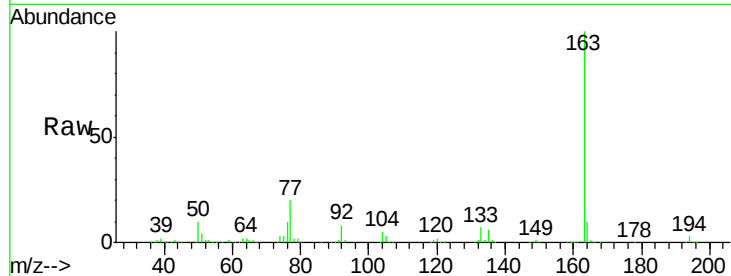
#49
Dimethylphthalate
Concen: 49.117 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	654593		
194	3.2	2.6	4.0	
164	10.1	8.4	12.6	

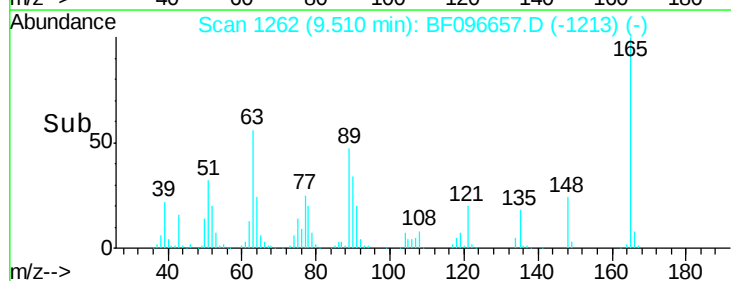
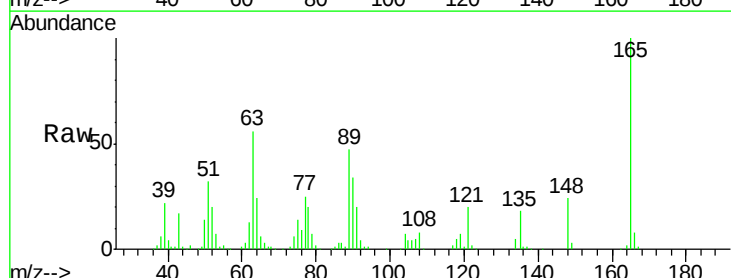
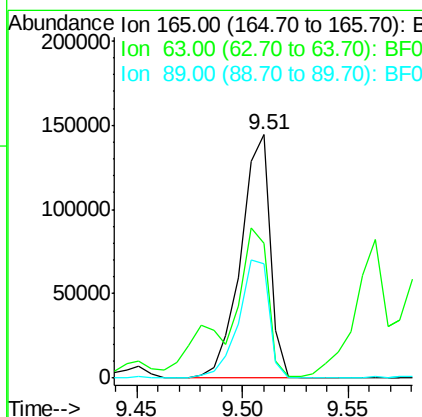
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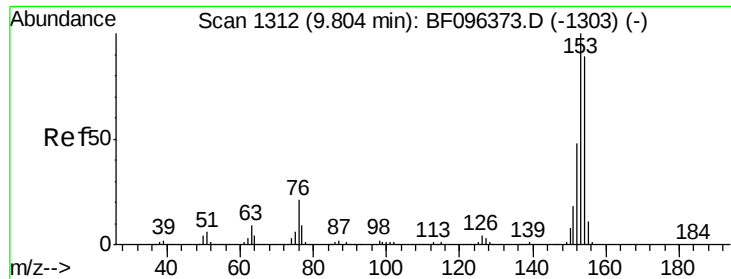
mohammad
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#50
2,6-Dinitrotoluene
Concen: 47.563 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140173		
63	55.6	34.3	51.5#	
89	47.1	37.1	55.7	





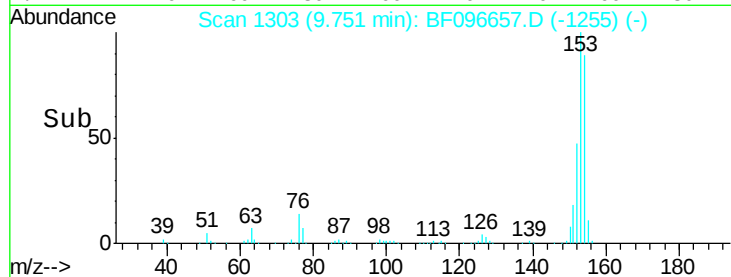
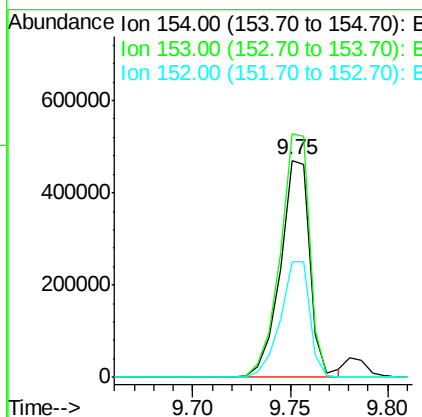
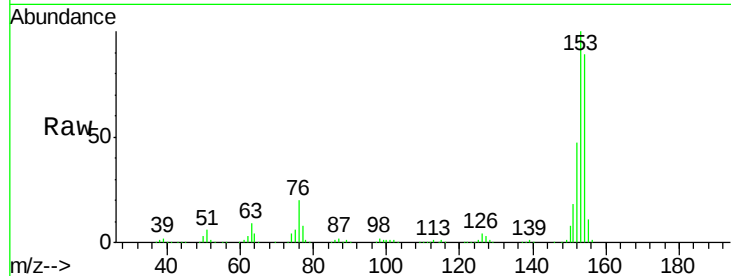
#51
Acenaphthene
Concen: 44.331 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	493586		
153	112.3	90.5	135.7	
152	53.1	43.6	65.4	

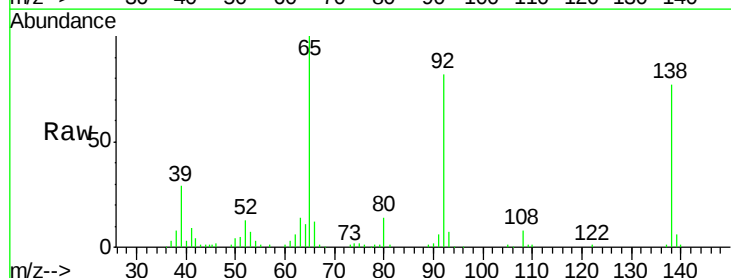
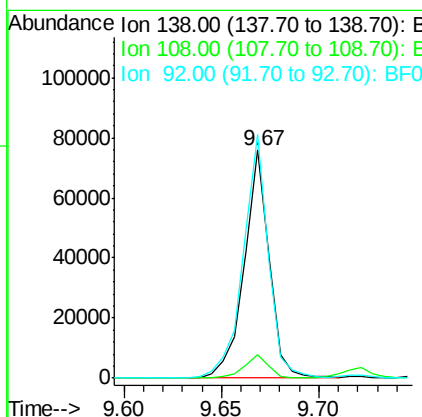
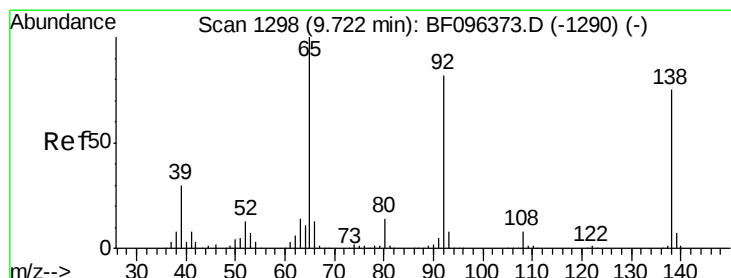
Manual Integrations
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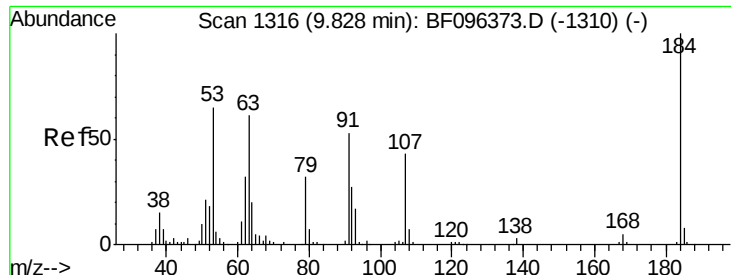
mohammad
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#52
3-Nitroaniline
Concen: 18.370 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	67524		
108	10.2	9.1	13.7	
92	106.8	93.8	140.6	





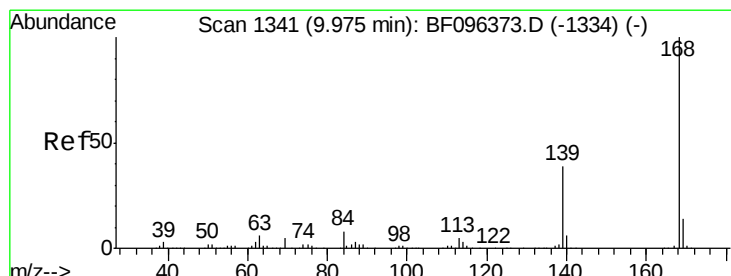
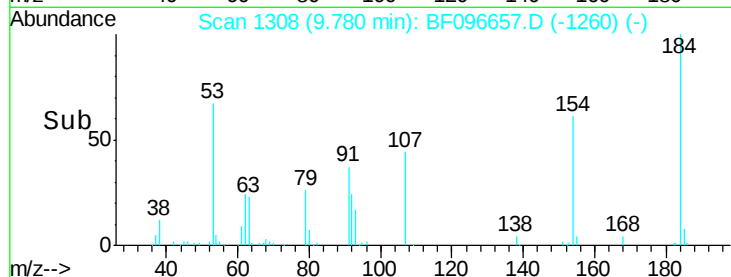
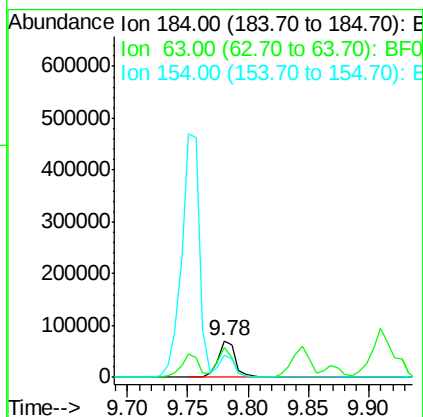
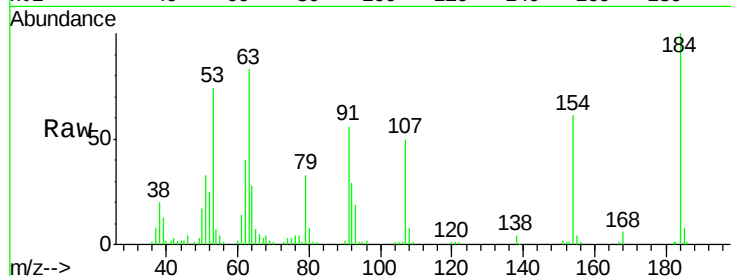
#53
2,4-Dinitrophenol
Concen: 45.408 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion:184 Resp: 71077
Ion Ratio Lower Upper
184 100
63 82.7 62.7 94.1
154 60.9 81.1 121.7#

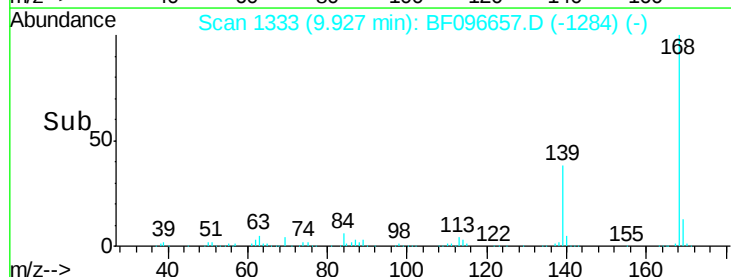
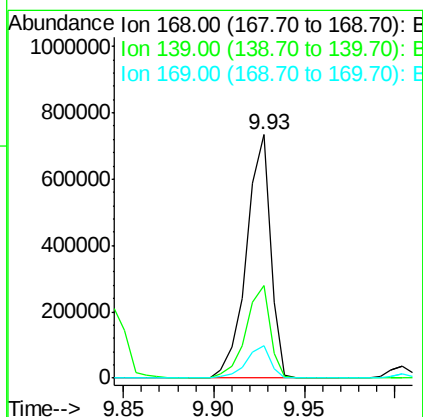
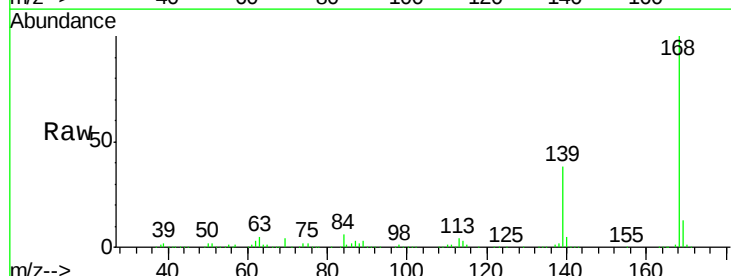
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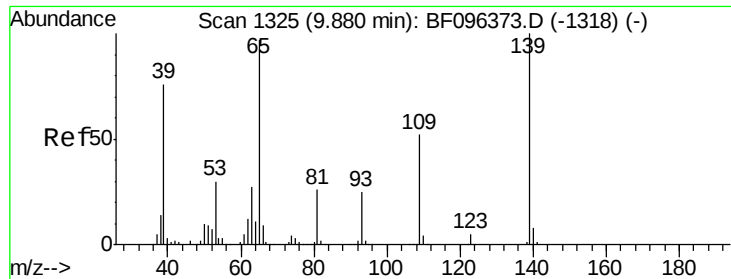
mohammad
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#54
Dibenzofuran
Concen: 46.302 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion:168 Resp: 680641
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8
169 13.4 10.8 16.2





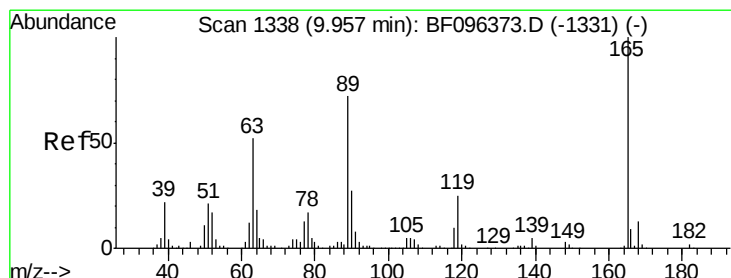
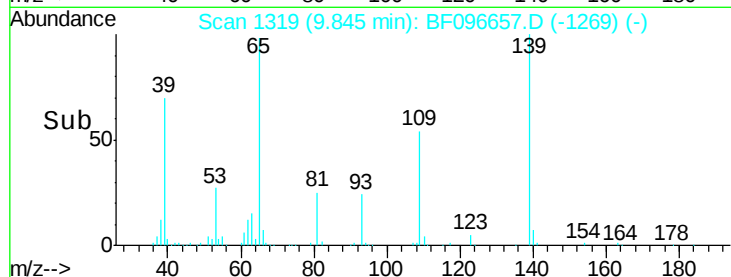
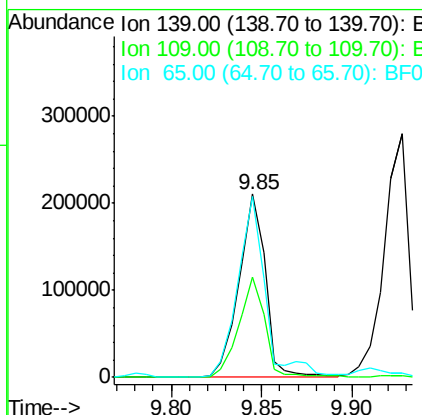
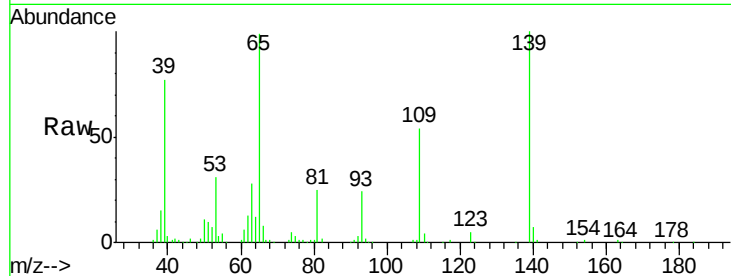
#55
4-Nitrophenol
Concen: 70.059 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	213447		
109	54.4	34.1	74.1	
65	98.7	31.4	71.4	

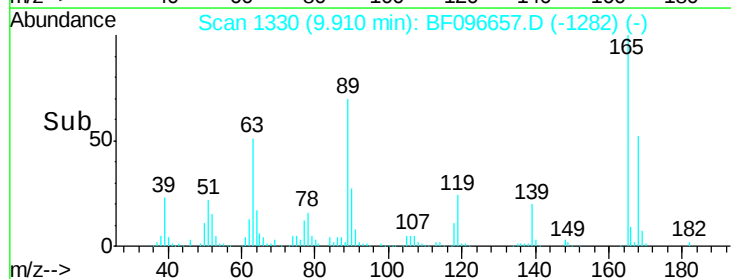
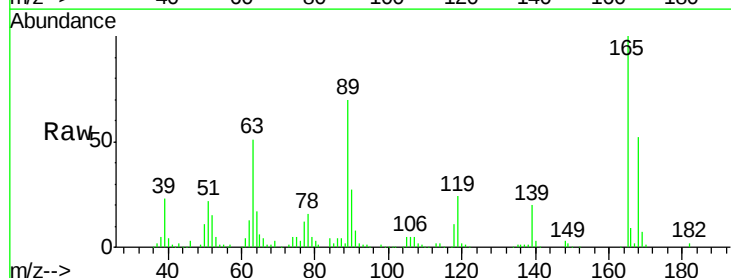
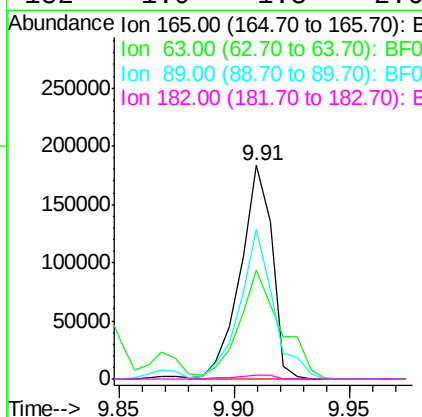
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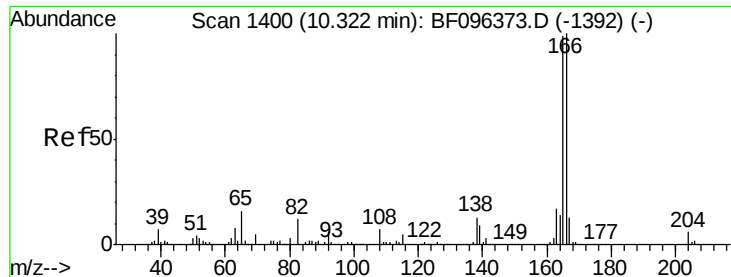
mohammad
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#56
2,4-Dinitrotoluene
Concen: 47.279 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176451		
63	51.1	25.4	38.0	
89	70.3	46.4	69.6	
182	1.9	1.8	2.6	





#57

Fluorene

Concen: 46.381 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

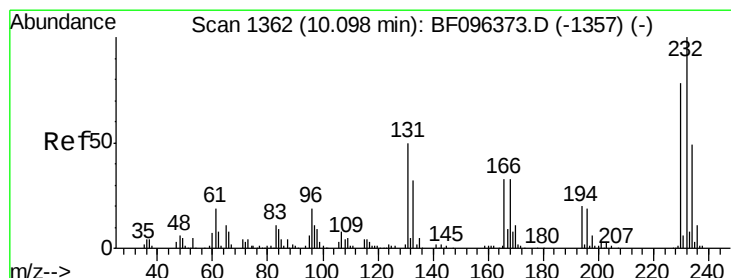
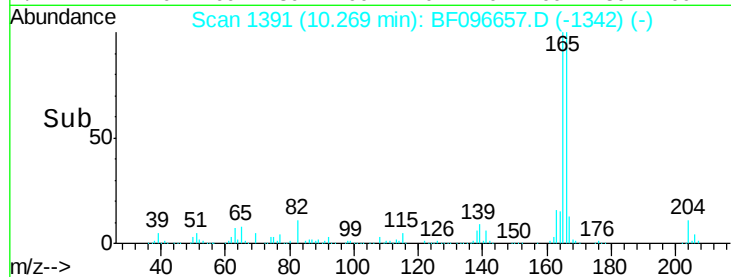
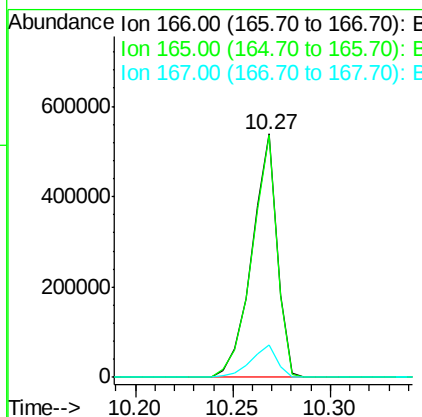
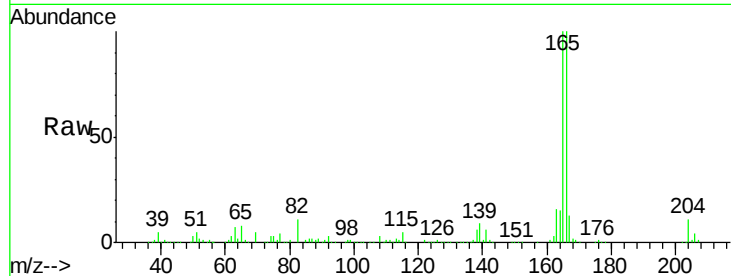
ClientSampleId :

TP-12-COMPMS

Tgt Ion:	166	Resp:	481534
Ion Ratio		Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.1	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.929 ng

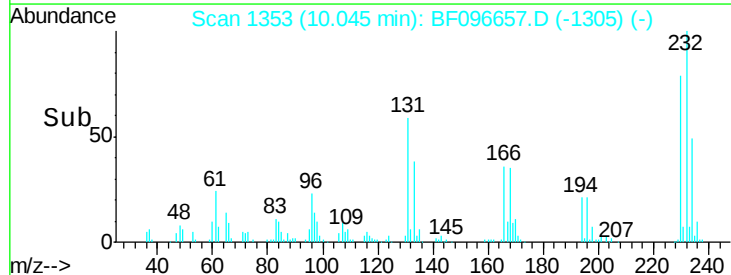
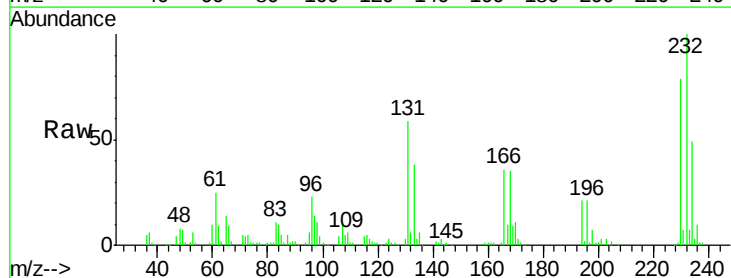
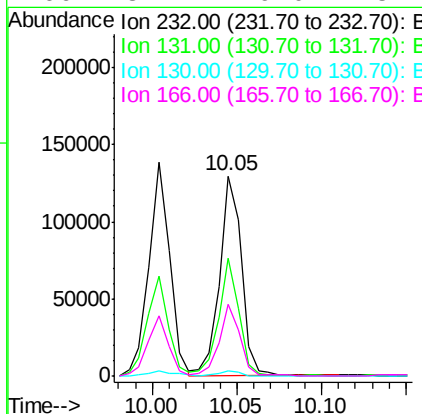
RT: 10.05 min Scan# 1353

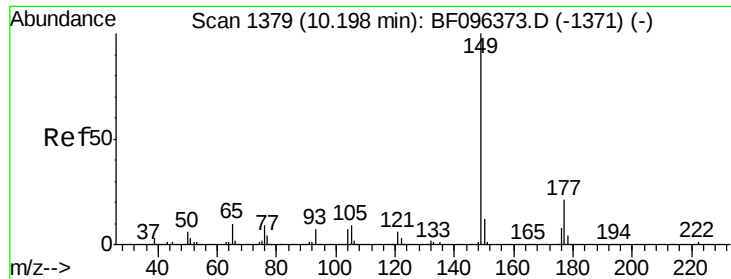
Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Tgt Ion:	232	Resp:	117722
Ion Ratio		Lower	Upper
232	100		
131	55.7	44.8	67.2
130	2.3	2.3	3.5#
166	34.4	29.0	43.4





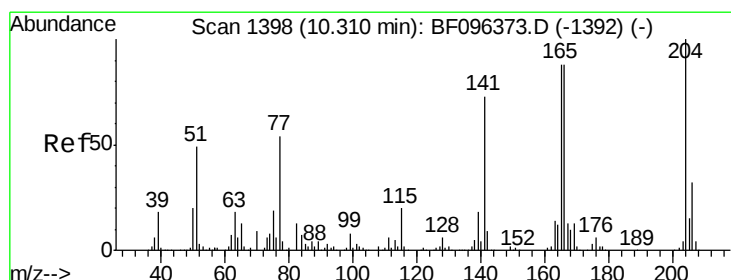
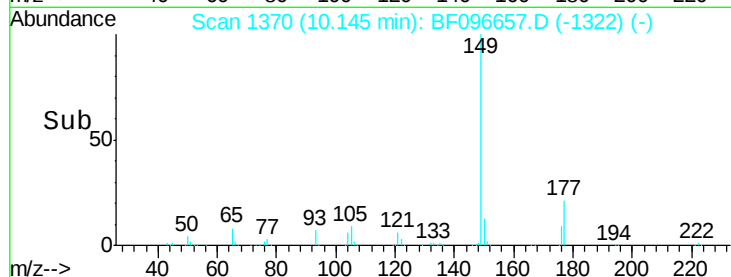
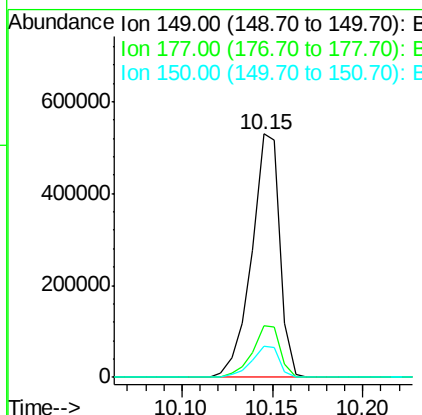
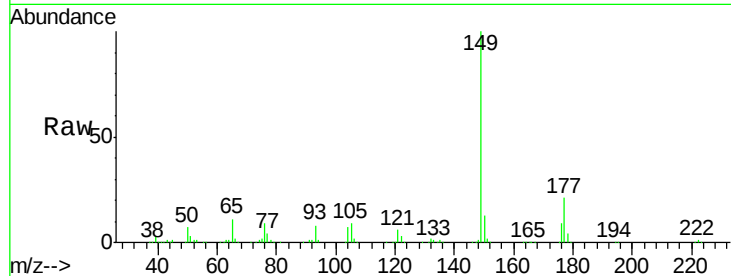
#59
Diethylphthalate
Concen: 45.318 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	570858		
177	21.3	16.7	25.1	
150	12.7	10.2	15.2	

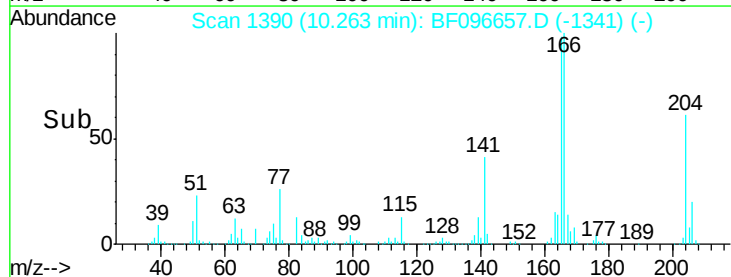
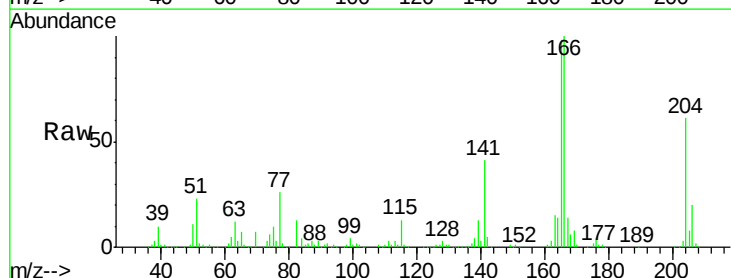
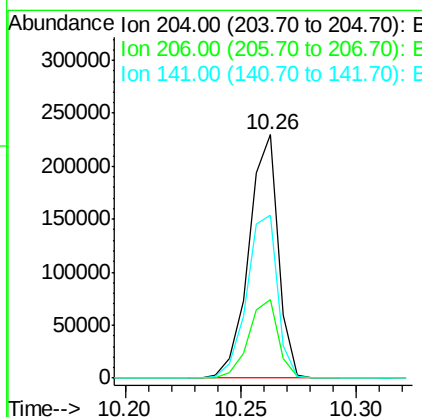
Manual Integrations
APPROVED

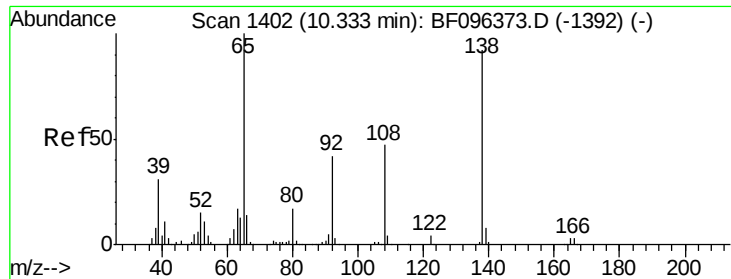
mohammad
7/12/2017 4:50:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.262 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	204453		
206	32.5	26.2	39.2	
141	67.0	60.8	91.2	





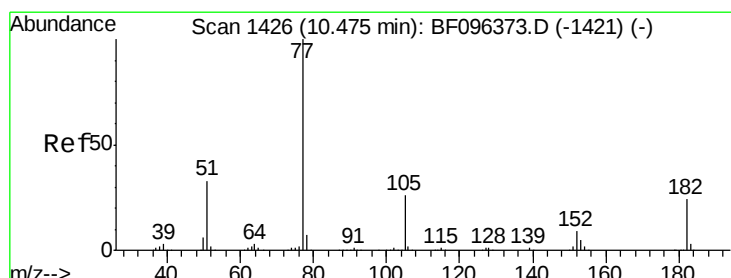
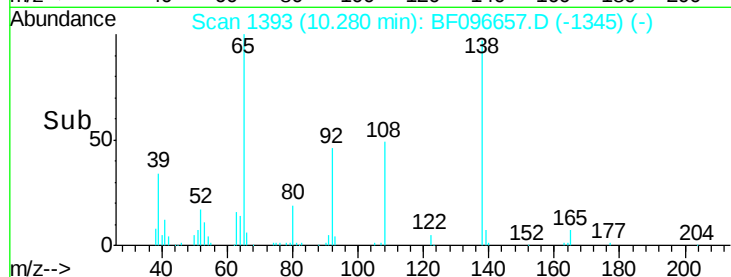
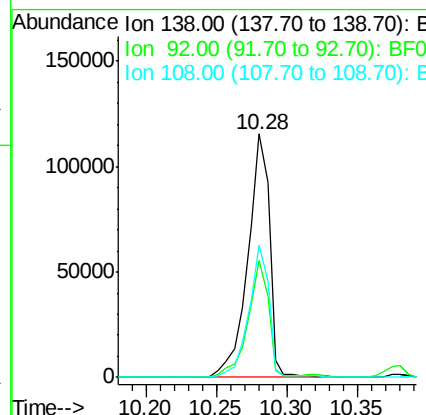
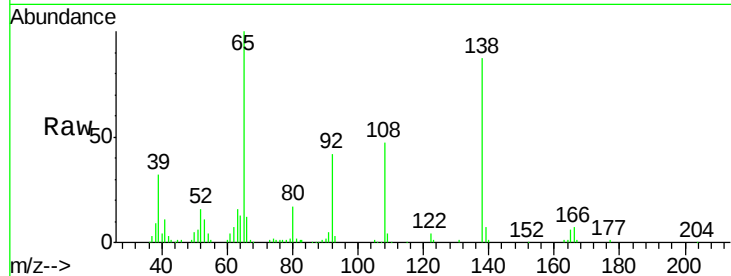
#61
4-Nitroaniline
Concen: 37.016 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	21.8	61.8
108	54.1	42.3	82.3

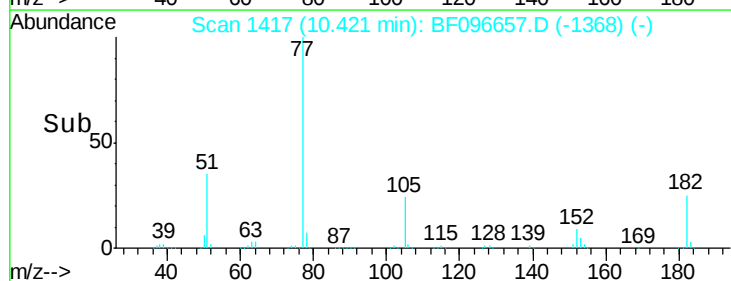
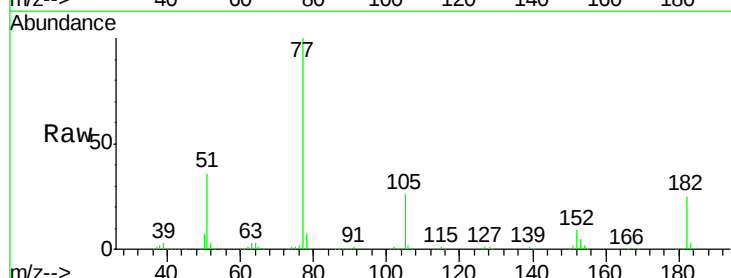
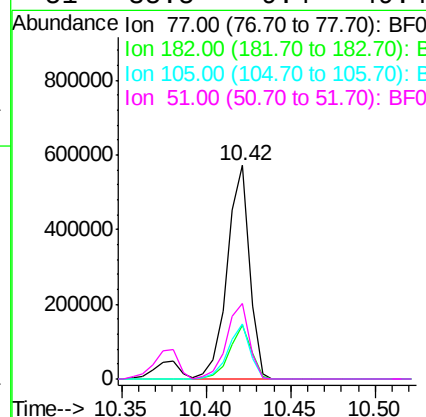
Manual Integrations
APPROVED

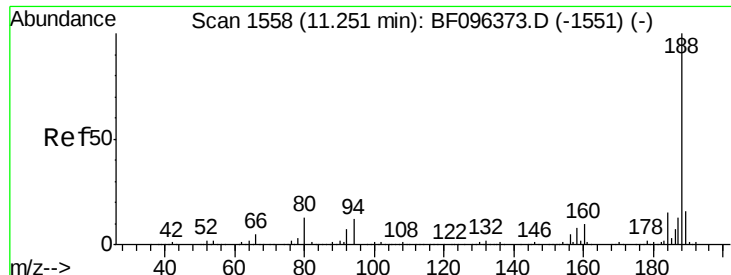
mohammad
7/12/2017 4:50:12 PM



#62
Azobenzene
Concen: 42.984 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	0.1	40.1
105	25.6	3.6	43.6
51	35.5	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

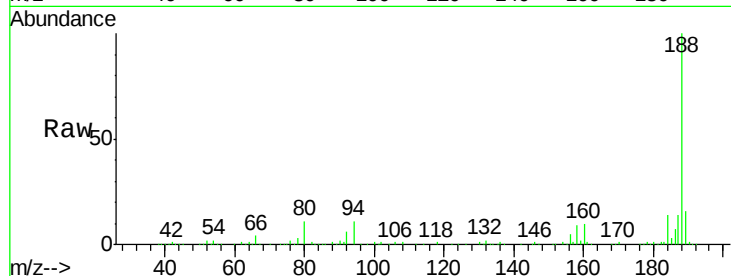
ClientSampleId :

TP-12-COMPMS

Tgt Ion:	188	Resp:	259050
Ion Ratio	Lower	Upper	
188	100		
94	11.0	9.4	14.2
80	10.6	10.2	15.2

Manual Integrations
APPROVED

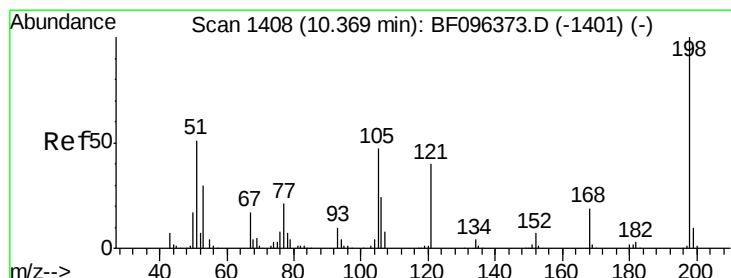
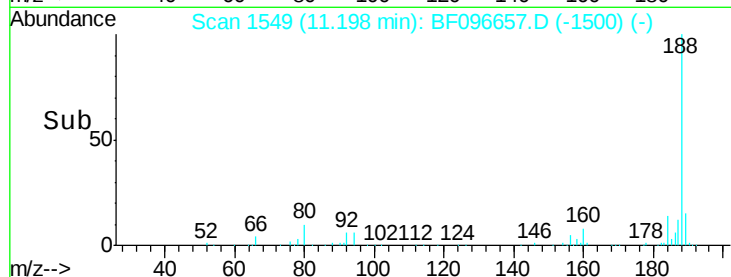
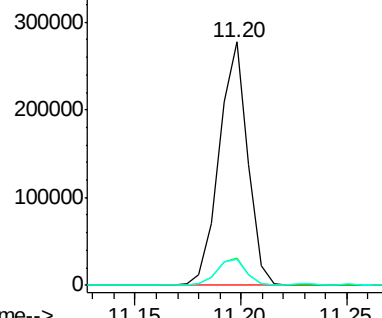
mohammad
7/12/2017 4:50:12 PM



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: 26.568 ng

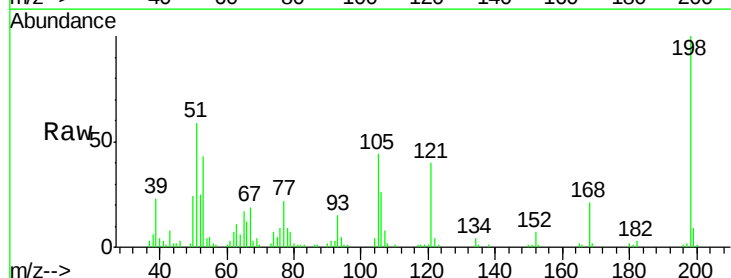
RT: 10.32 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

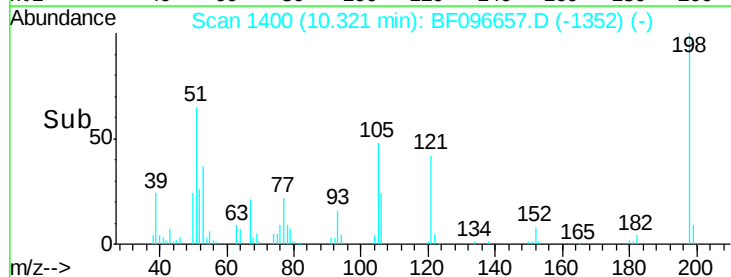
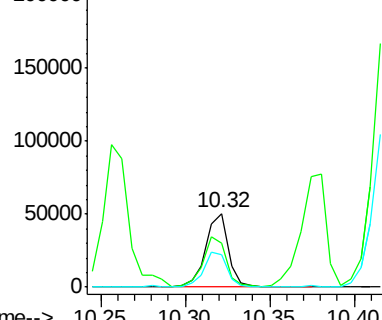
Tgt Ion:	198	Resp:	47465
Ion Ratio	Lower	Upper	
198	100		
51	59.5	53.2	93.2
105	43.9	45.8	85.8#

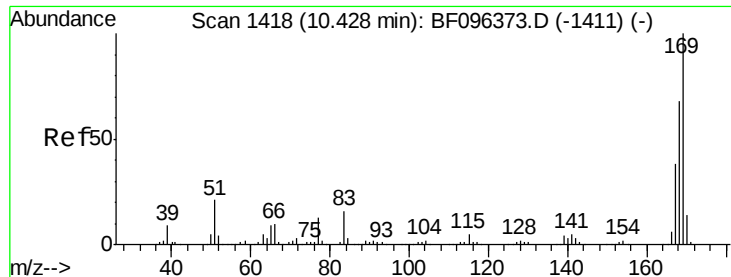


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





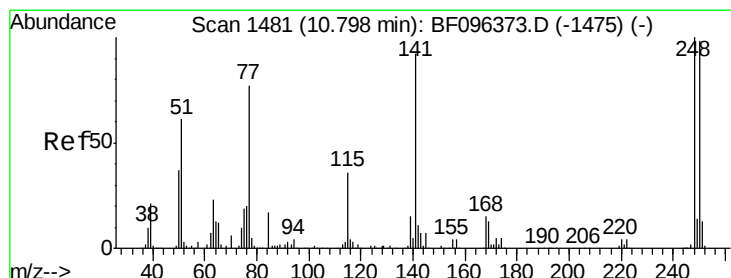
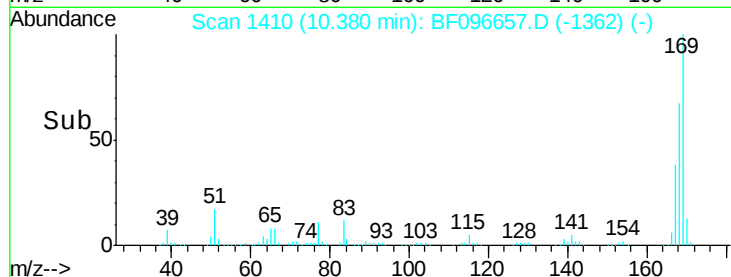
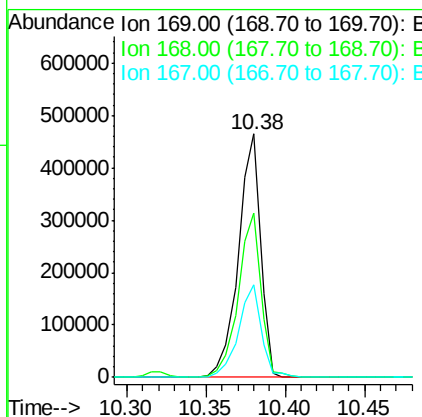
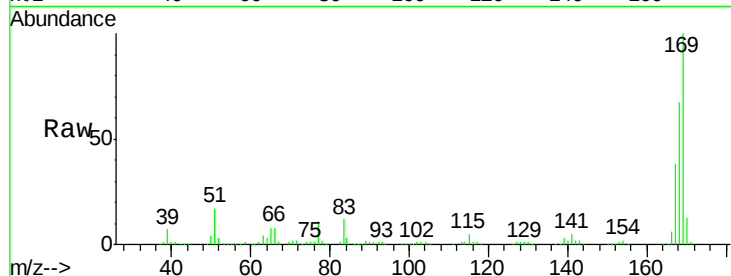
#65
 n-Nitrosodiphenylamine
 Concen: 49.521 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	450108		
168	67.4	53.2	79.8	
167	38.2	29.5	44.3	

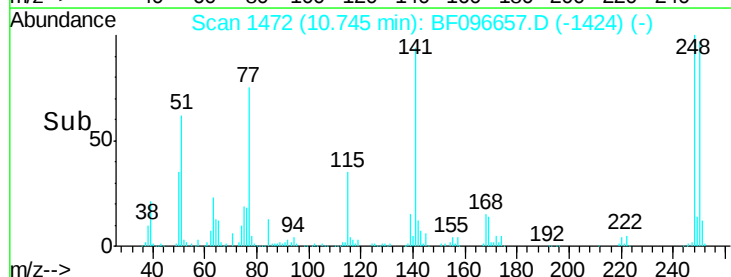
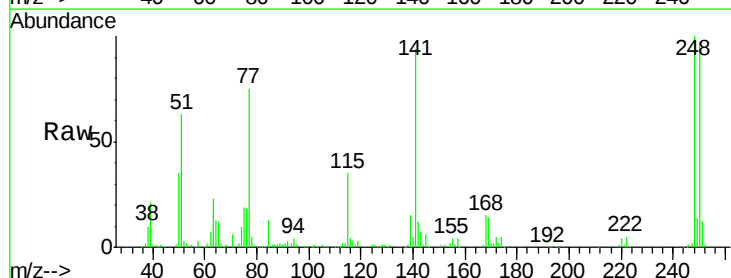
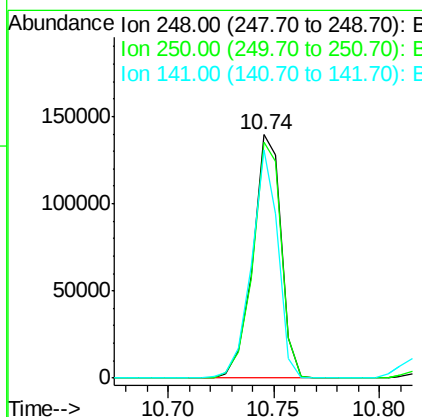
Manual Integrations
 APPROVED

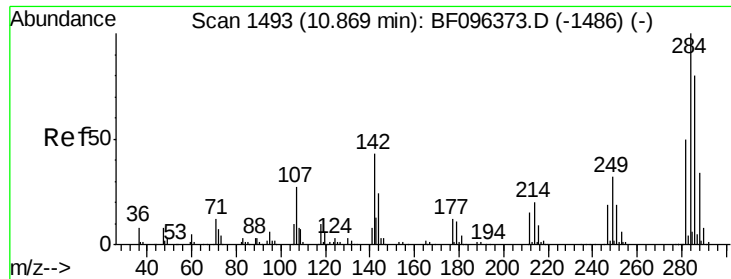
mohammad
 7/12/2017 4:50:12 PM



#66
 4-Bromophenyl-phenylether
 Concen: 51.662 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	130277		
250	96.7	76.8	115.2	
141	93.9	68.6	103.0	





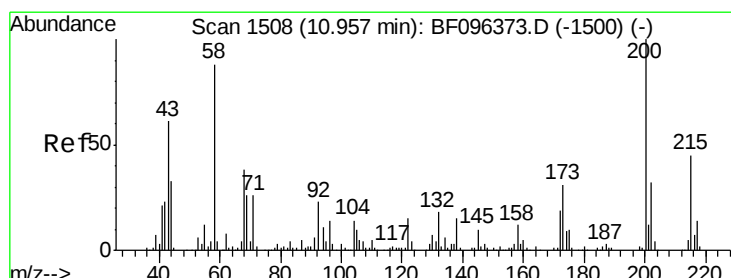
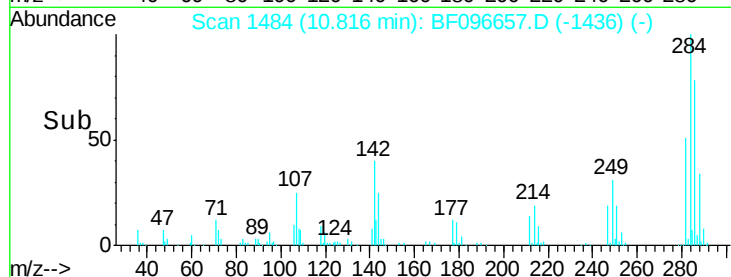
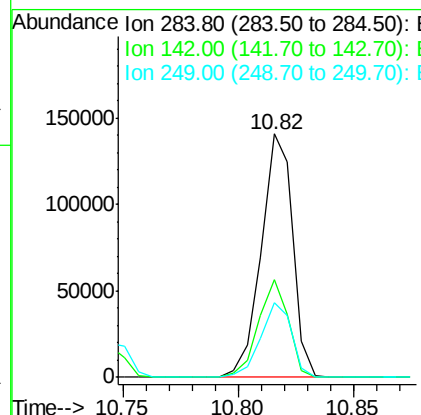
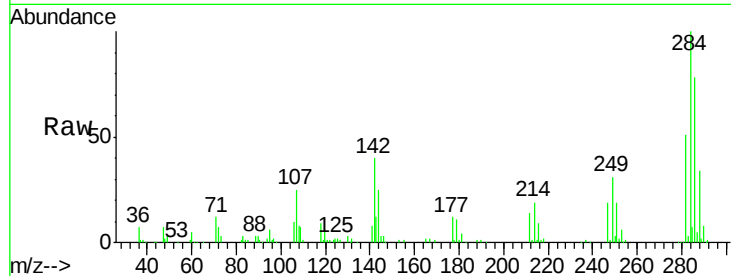
#67
Hexachlorobenzene
Concen: 48.556 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion: 284 Resp: 134038
Ion Ratio Lower Upper
284 100
142 40.0 22.8 34.2#
249 30.7 24.0 36.0

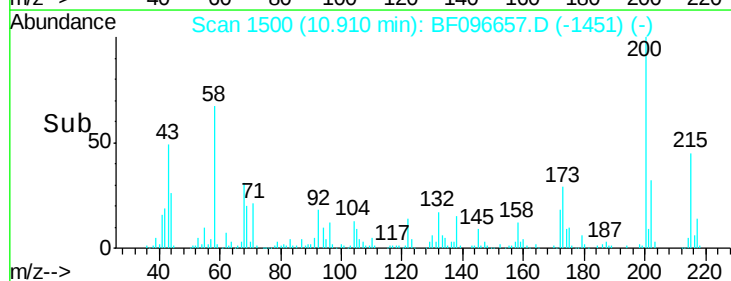
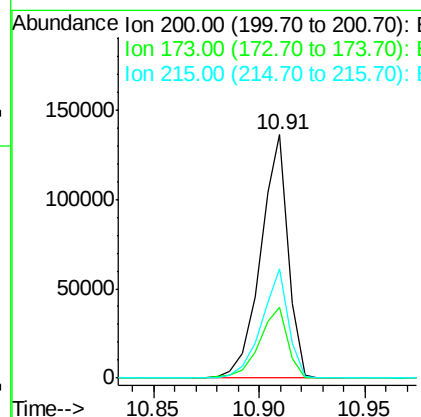
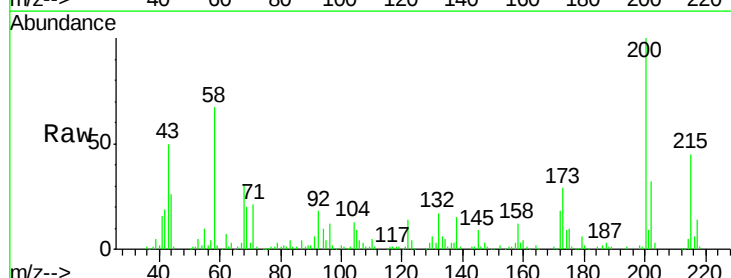
Manual Integrations
APPROVED

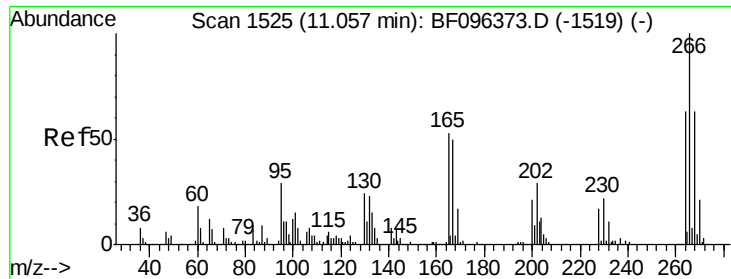
mohammad
7/12/2017 4:50:12 PM



#68
Atrazine
Concen: 47.337 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion: 200 Resp: 122920
Ion Ratio Lower Upper
200 100
173 28.9 6.3 46.3
215 44.7 27.2 67.2





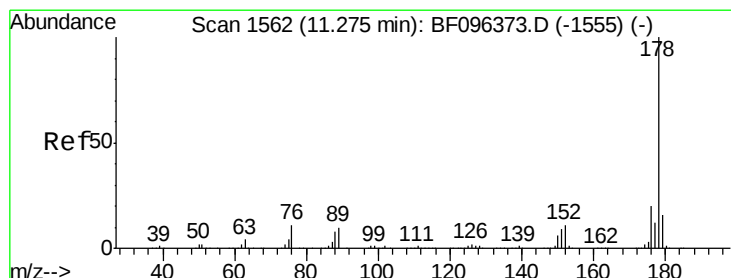
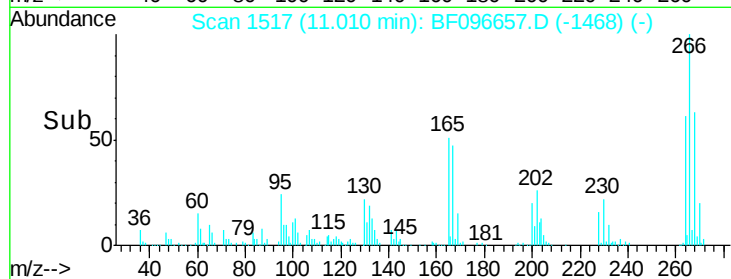
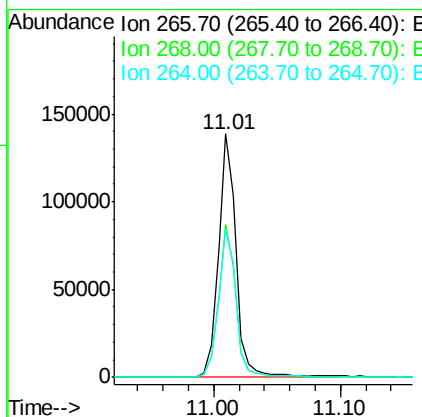
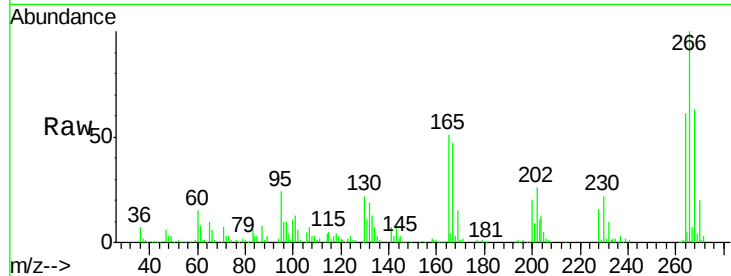
#69
 Pentachlorophenol
 Concen: 82.904 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	135638		
268	62.6	51.1	76.7	
264	60.8	51.7	77.5	

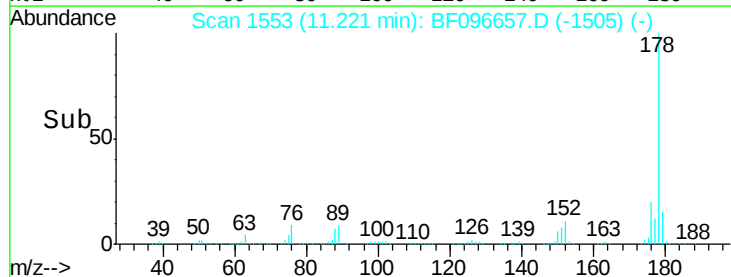
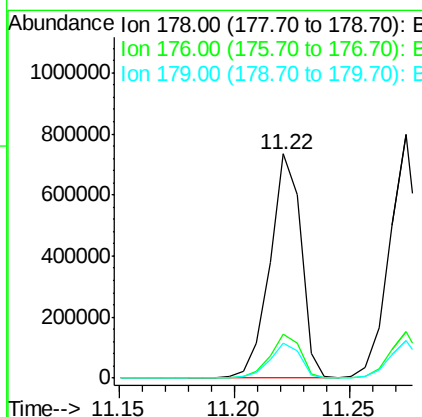
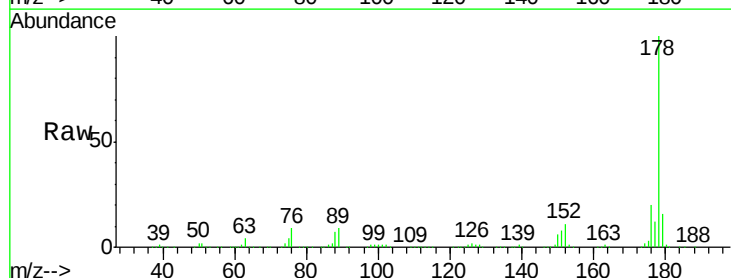
Manual Integrations
 APPROVED

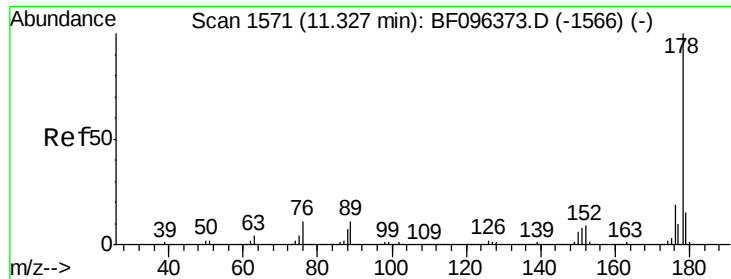
mohammad
 7/12/2017 4:50:12 PM



#70
 Phenanthrene
 Concen: 48.925 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	685123		
176	19.8	16.2	24.4	
179	15.7	12.6	19.0	





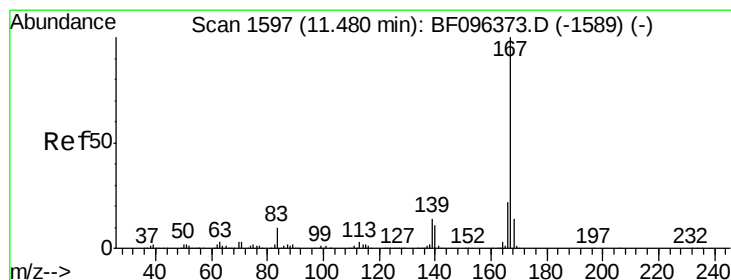
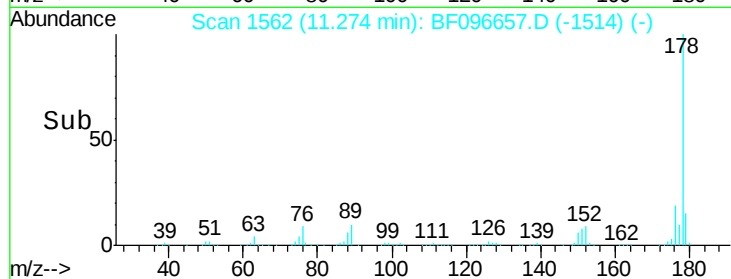
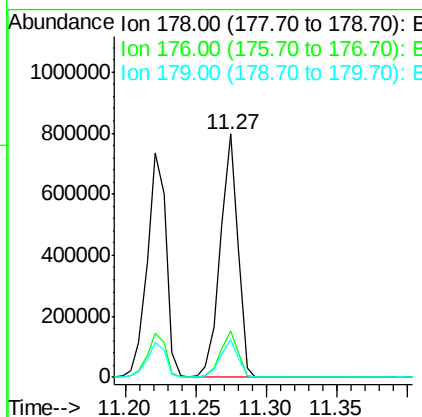
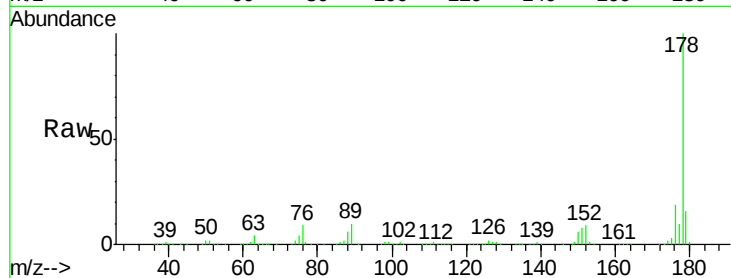
#71
 Anthracene
 Concen: 48.638 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	12.7	19.1

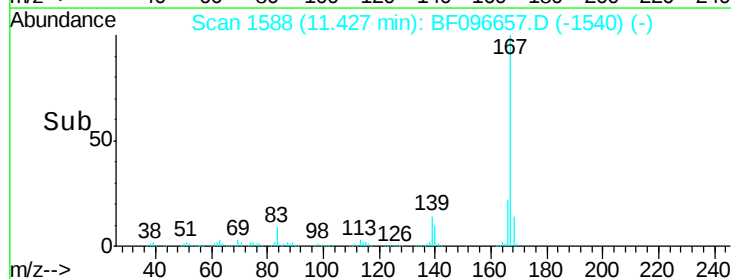
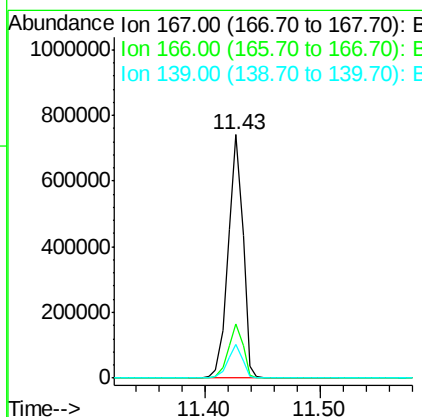
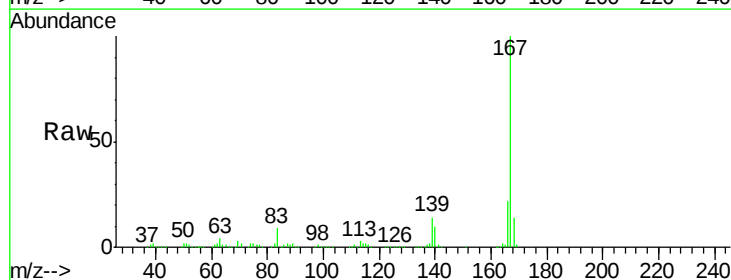
Manual Integrations
 APPROVED

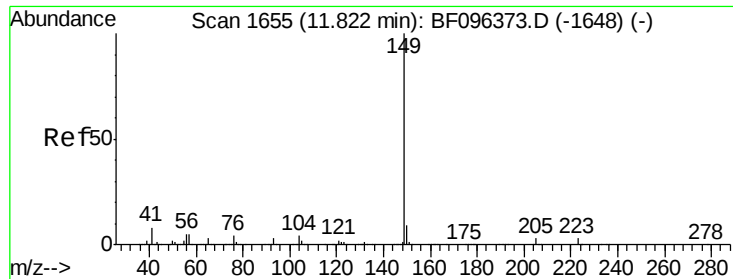
mohammad
 7/12/2017 4:50:12 PM



#72
 Carbazole
 Concen: 45.603 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.7	11.7	17.5





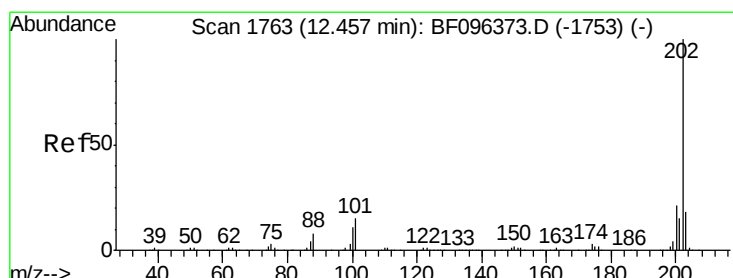
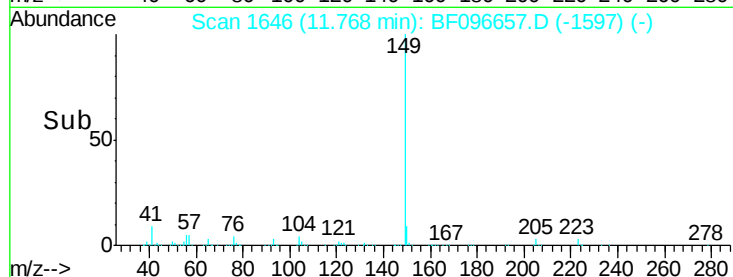
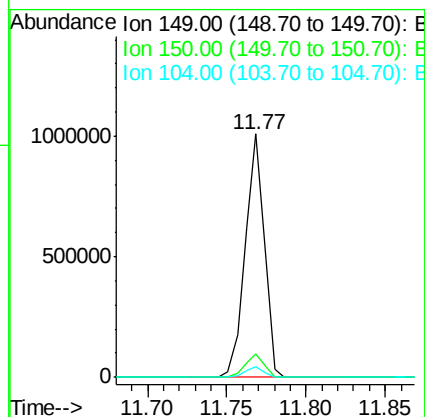
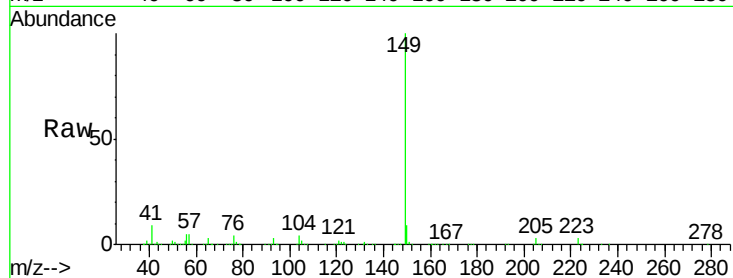
#73
Di-n-butylphthalate
Concen: 48.010 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	834539		
150	9.4	7.7	11.5	
104	4.3	4.0	6.0	

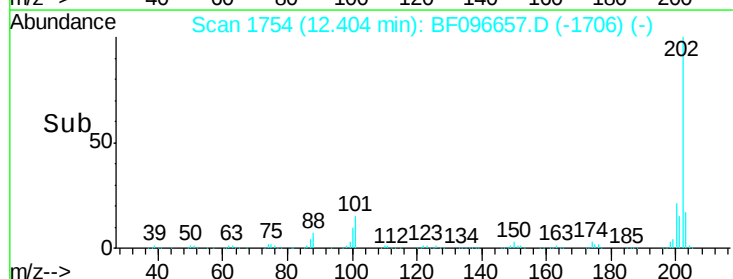
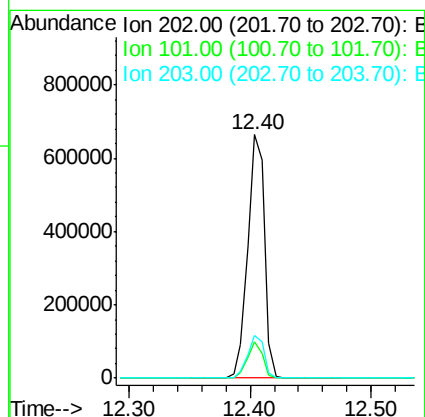
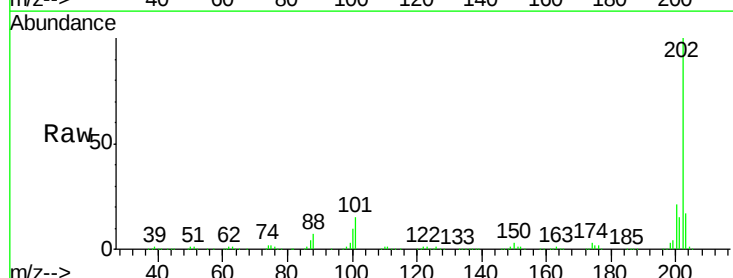
Manual Integrations
APPROVED

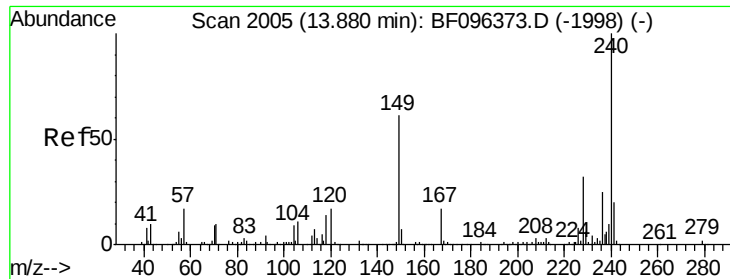
mohammad
7/12/2017 4:50:12 PM



#74
Fluoranthene
Concen: 47.166 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	647571		
101	14.8	0.0	33.2	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

ClientSampleId :

TP-12-COMPMS

Tgt Ion: 240 Resp: 182377

Ion Ratio Lower Upper

240 100

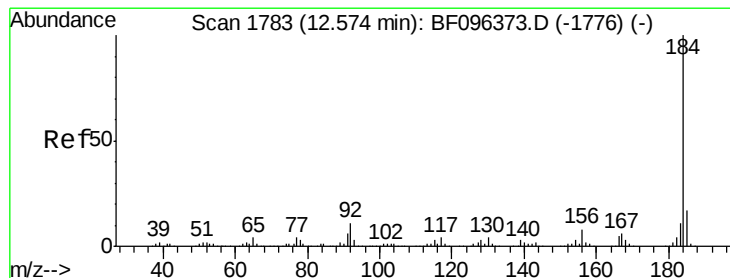
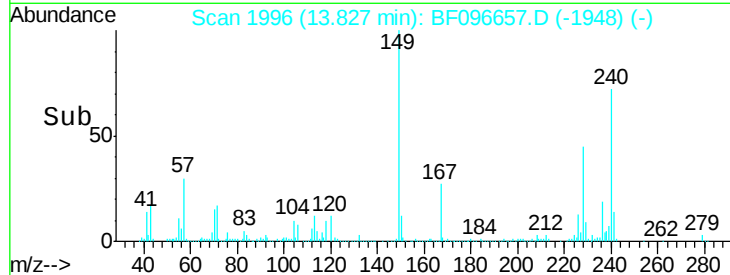
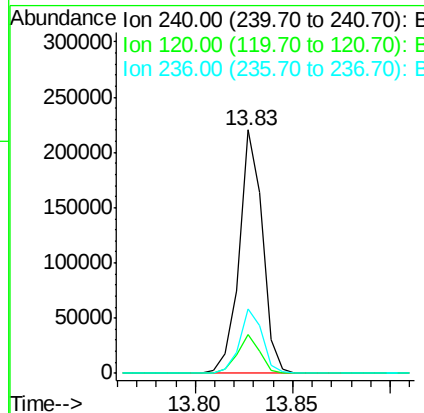
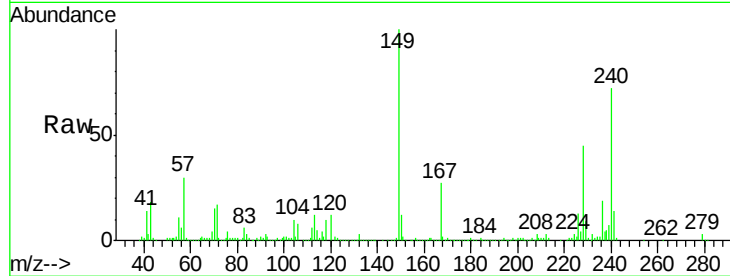
120 16.0 5.8 8.8#

236 26.3 20.5 30.7

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#76

Benzidine

Concen: 4.775 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

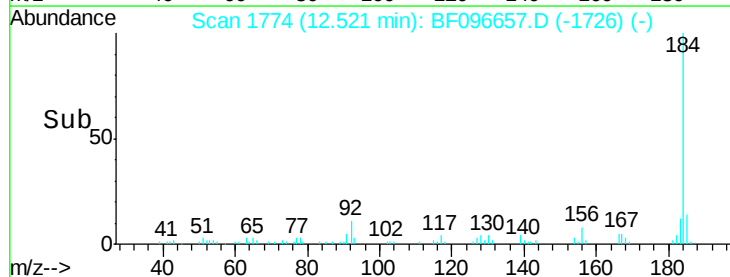
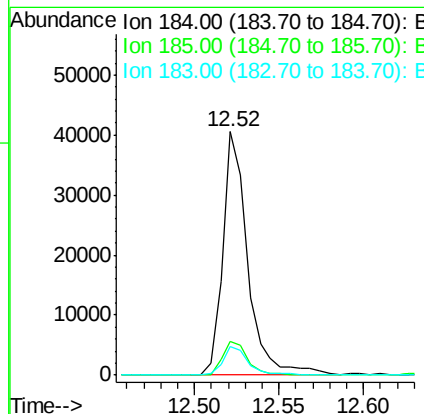
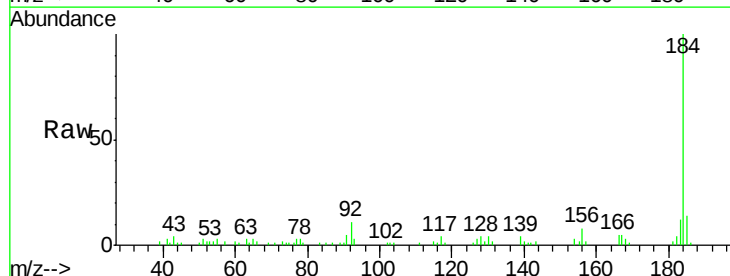
Tgt Ion: 184 Resp: 41788

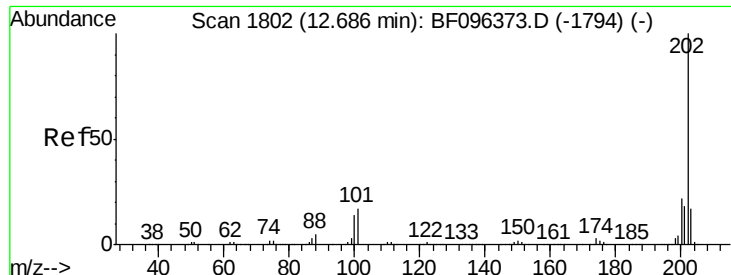
Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

183 11.8 9.8 14.6





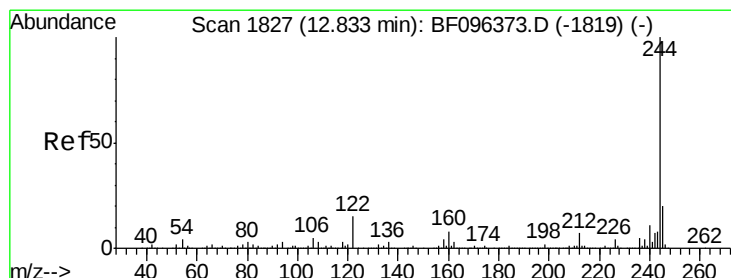
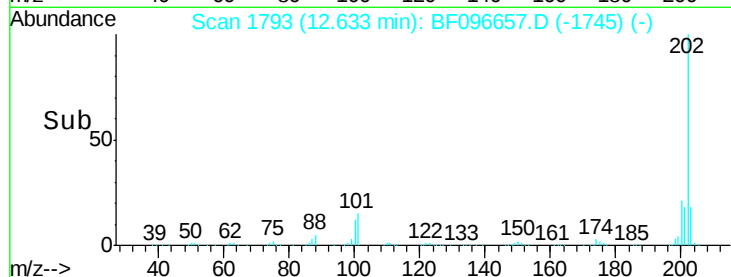
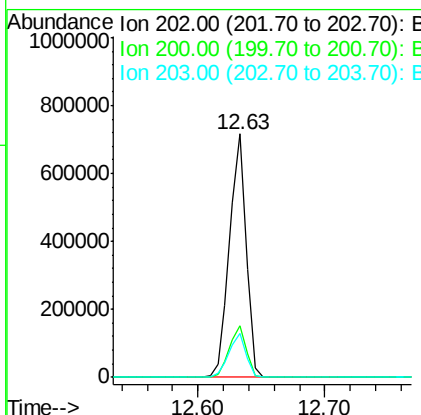
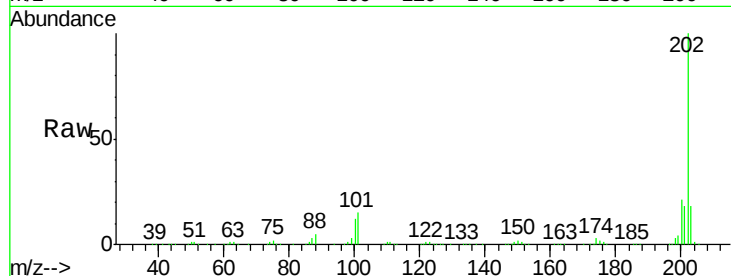
#77
 Pyrene
 Concen: 44.376 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	17.6	26.4
203	17.8	14.4	21.6

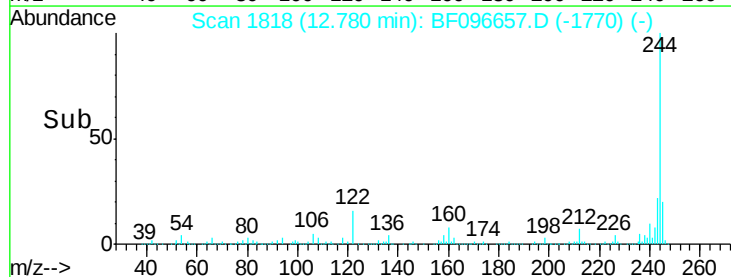
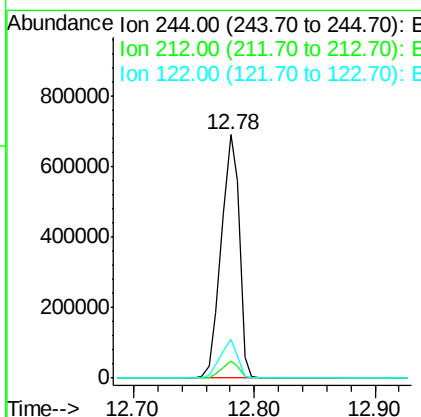
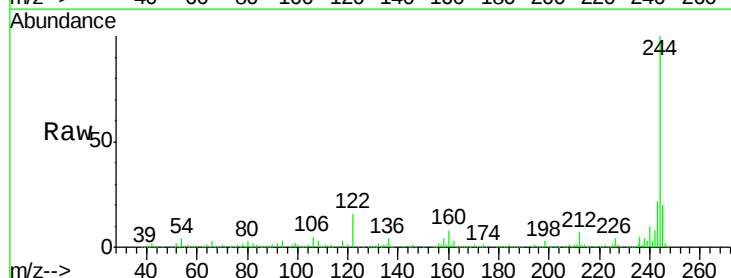
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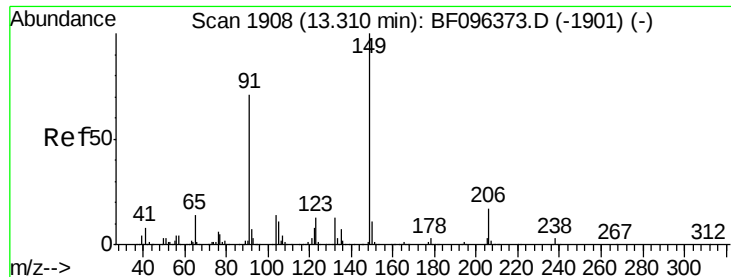
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#78
 Terphenyl-d14
 Concen: 83.171 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	6.0	9.0
122	15.9	10.3	15.5





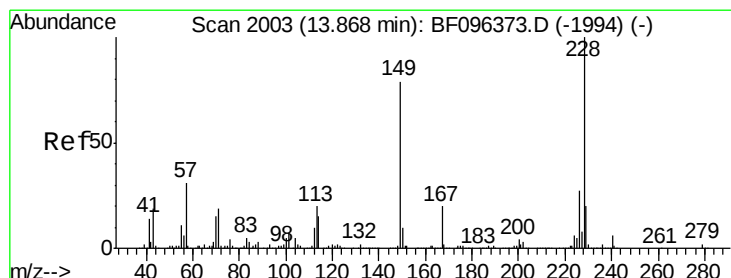
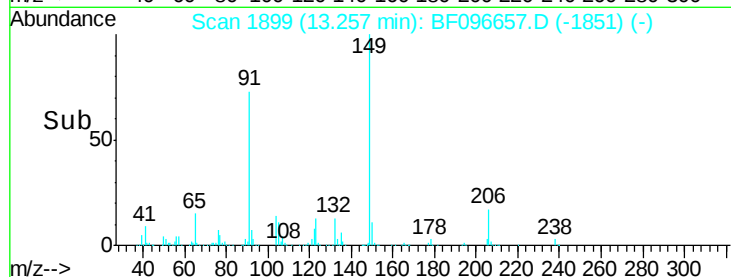
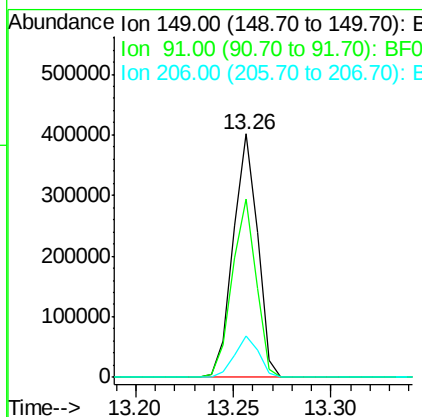
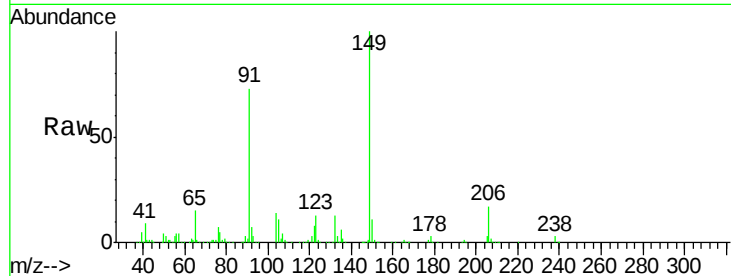
#79
Butylbenzylphthalate
Concen: 47.008 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	348351		
91	73.2	45.0	67.4#	
206	16.8	17.0	25.6#	

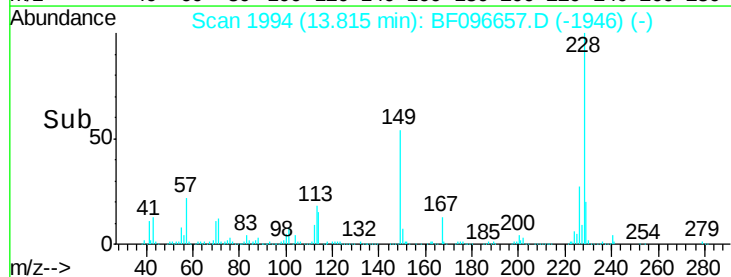
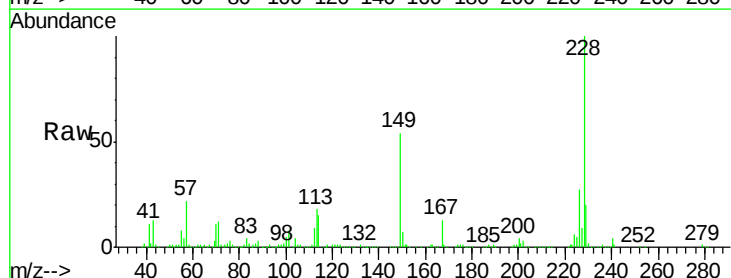
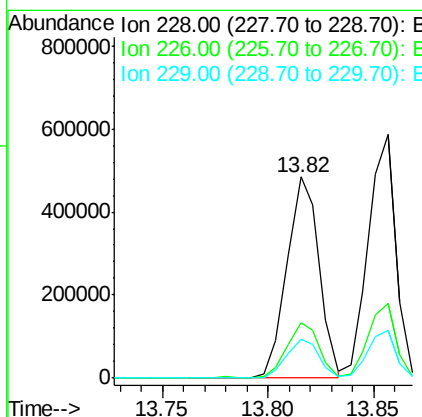
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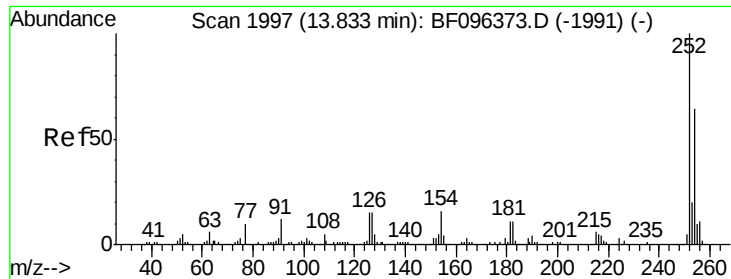
mohammad
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#80
Benzo(a)anthracene
Concen: 48.644 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	513734		
226	27.4	22.6	33.8	
229	19.6	16.3	24.5	





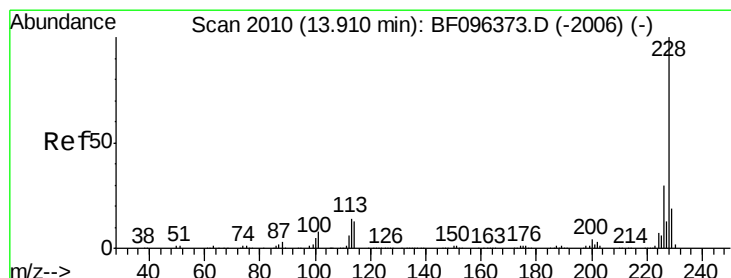
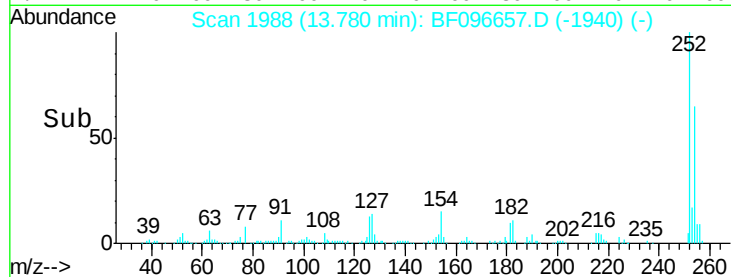
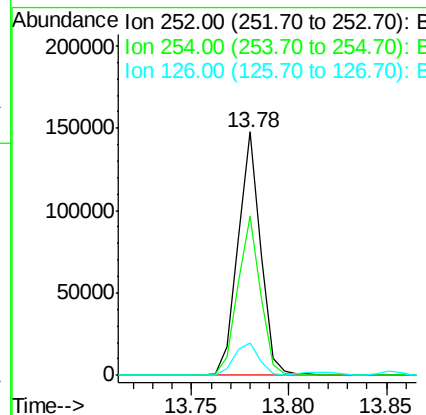
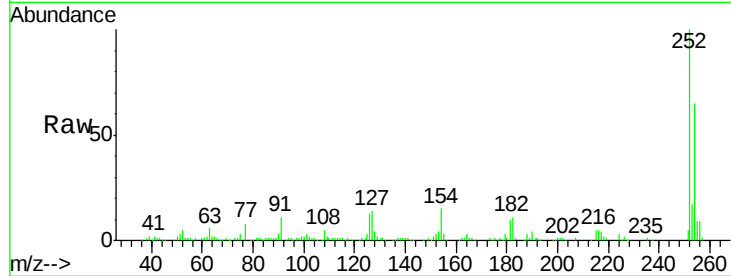
#81
 3,3'-Dichlorobenzidine
 Concen: 27.429 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.2	51.5	77.3
126	13.5	15.8	23.8

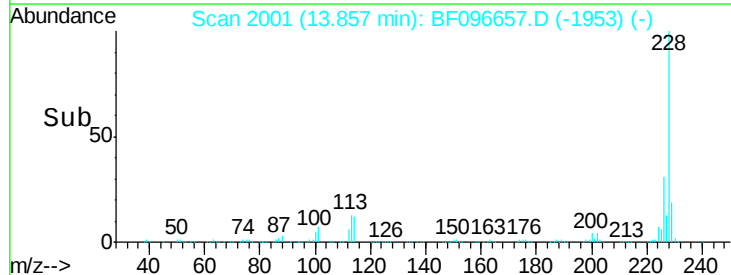
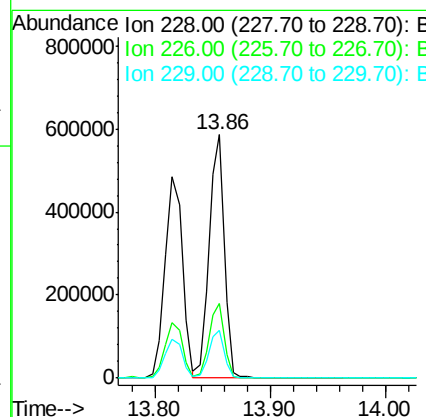
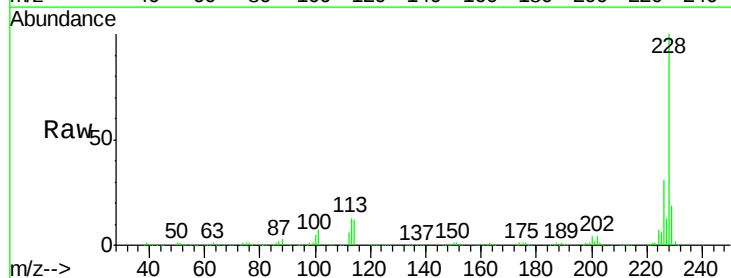
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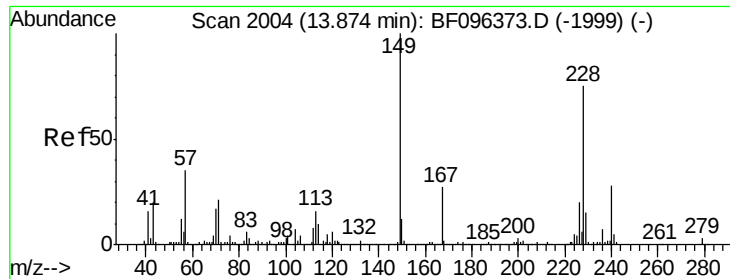
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#82
 Chrysene
 Concen: 48.823 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.9	37.3
229	19.4	15.8	23.6





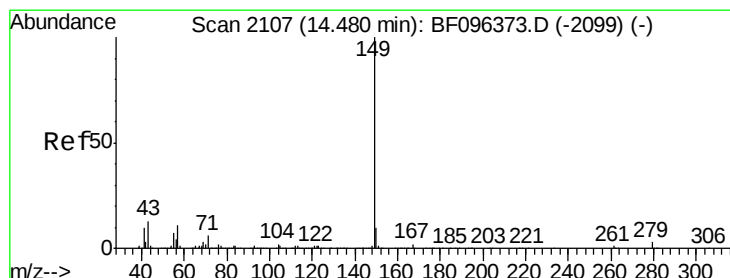
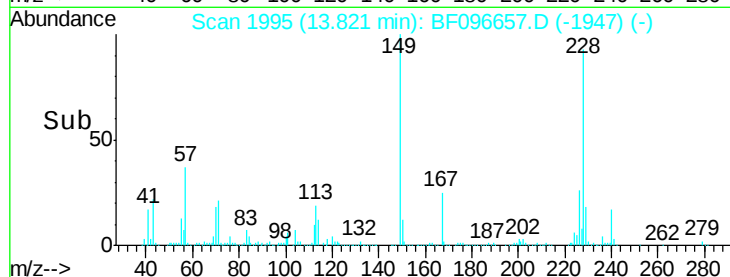
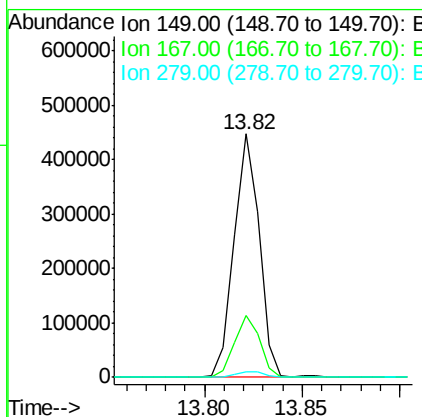
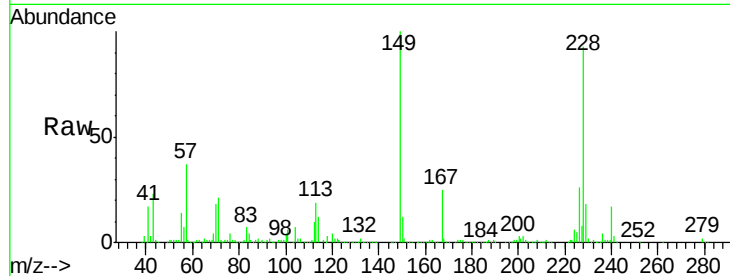
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.762 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	403348		
167	25.4	21.0	31.4	
279	2.4	1.9	2.9	

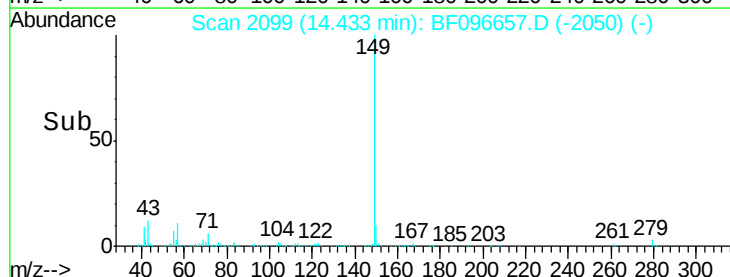
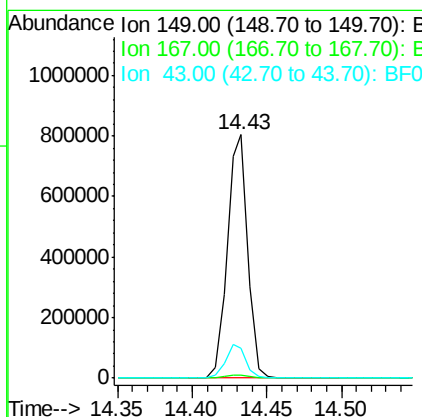
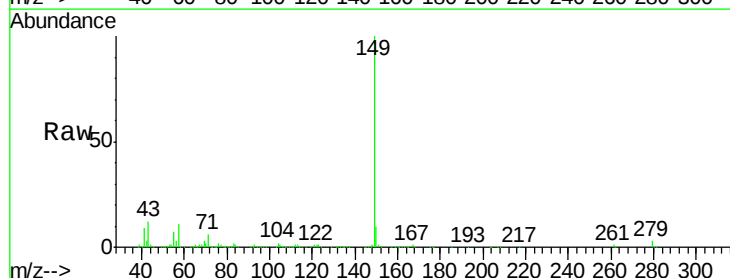
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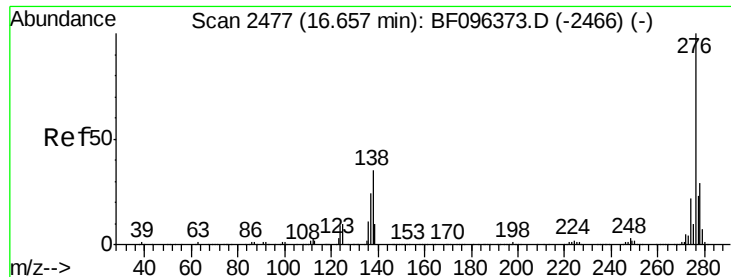
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#84
 Di-n-octyl phthalate
 Concen: 47.604 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	775436		
167	1.5	1.2	1.8	
43	13.4	8.5	12.7#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 56.135 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.03 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

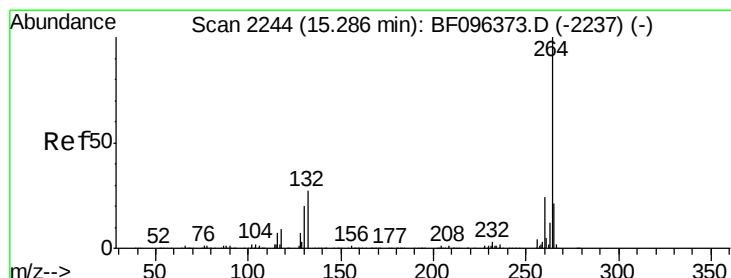
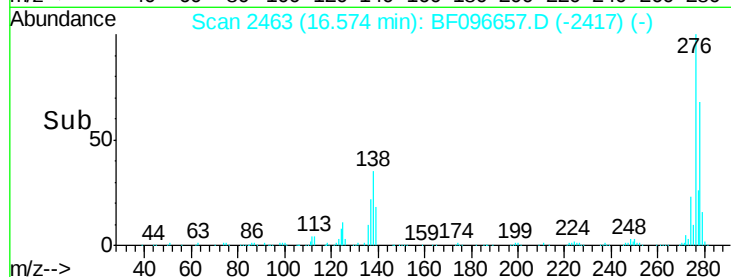
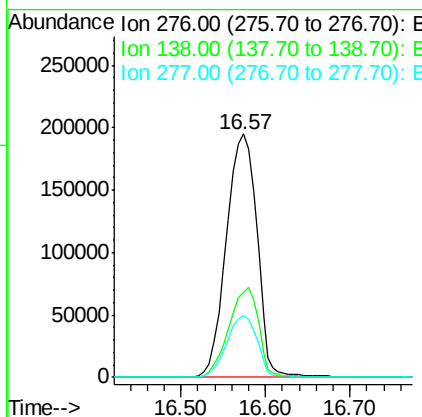
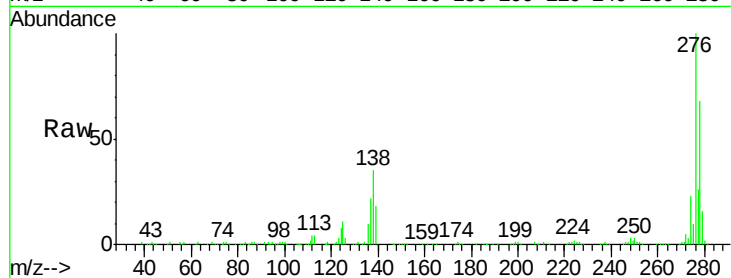
ClientSampleId :

TP-12-COMPMS

Tgt Ion:	276	Resp:	490054
Ion Ratio		Lower	Upper
276	100		
138	35.9	27.8	41.6
277	25.2	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

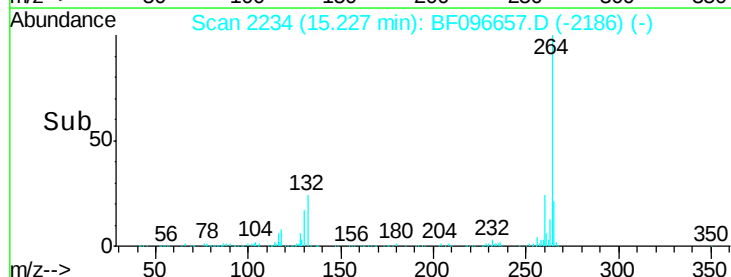
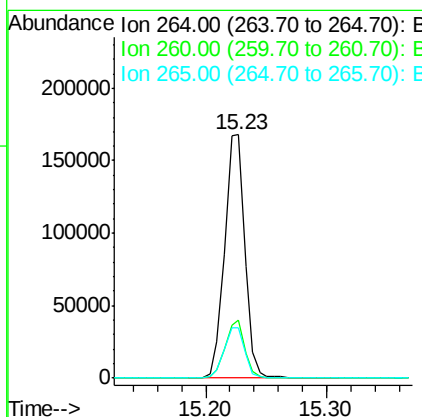
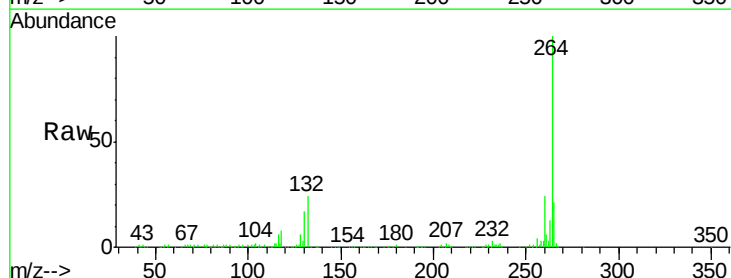
RT: 15.23 min Scan# 2234

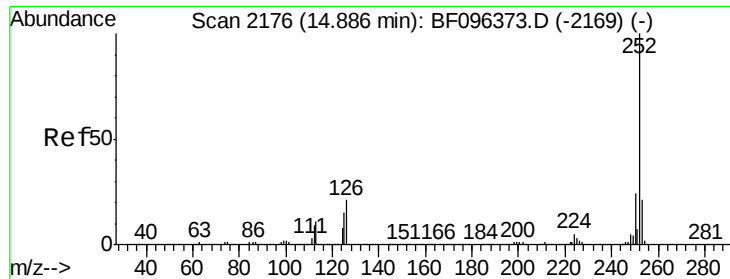
Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Tgt Ion:	264	Resp:	195312
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.351 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Instrument :

BNA_F

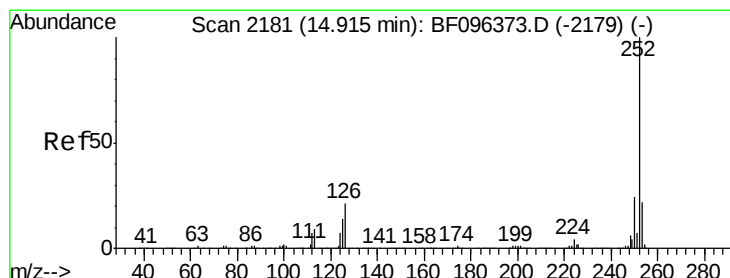
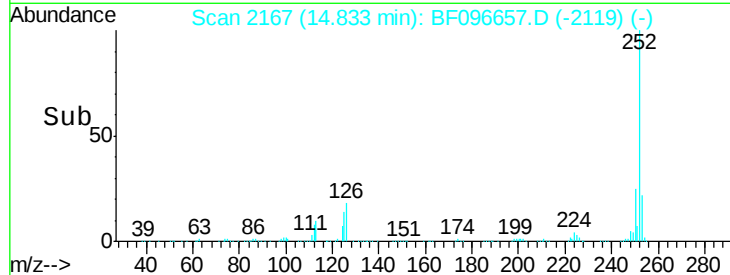
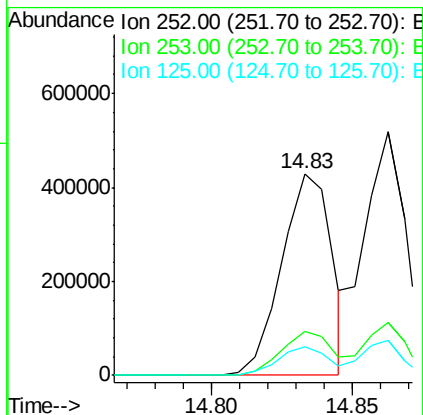
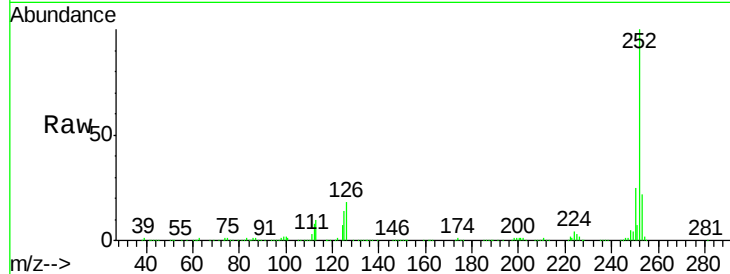
ClientSampleId :

TP-12-COMPMS

Tgt Ion:	252	Resp:	530542
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	13.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 48.519 ng

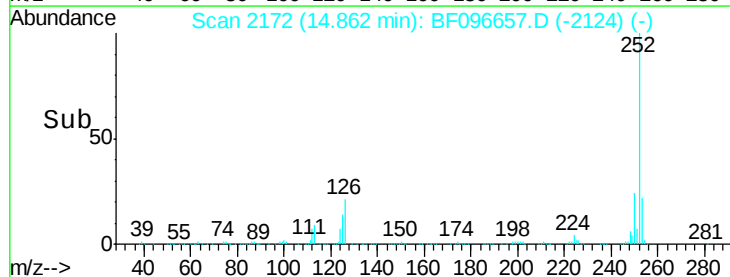
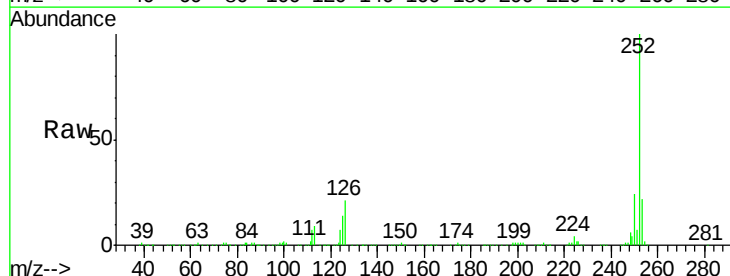
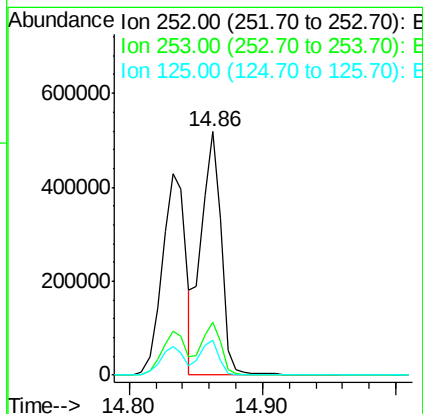
RT: 14.86 min Scan# 2172

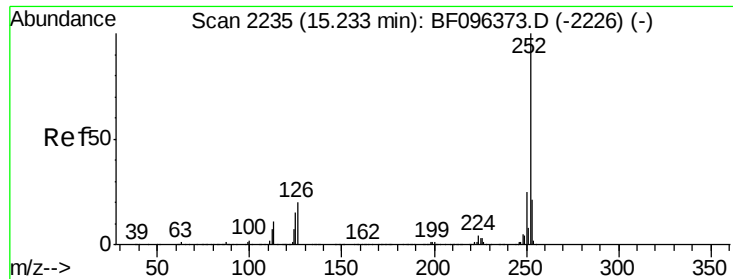
Delta R.T. -0.02 min

Lab File: BF096657.D

Acq: 11 Jul 2017 21:15

Tgt Ion:	252	Resp:	531150
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	14.1	13.1	19.7





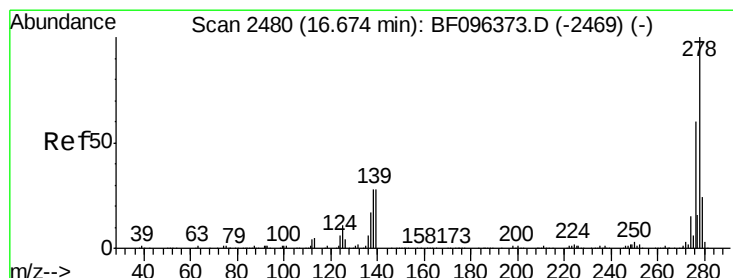
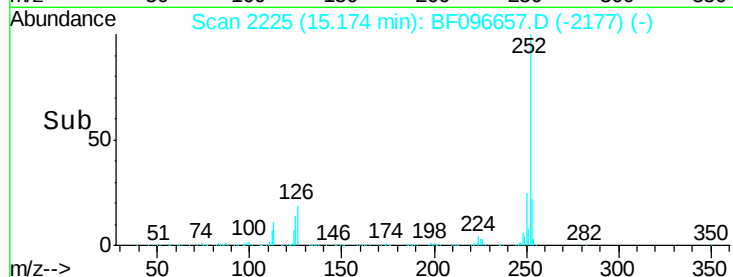
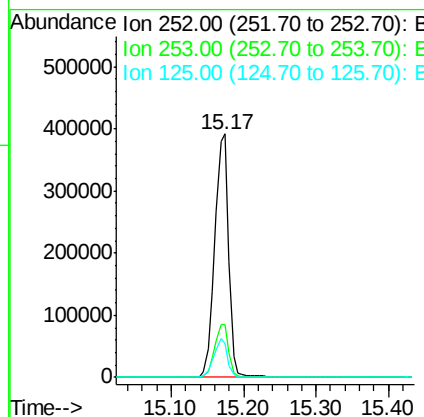
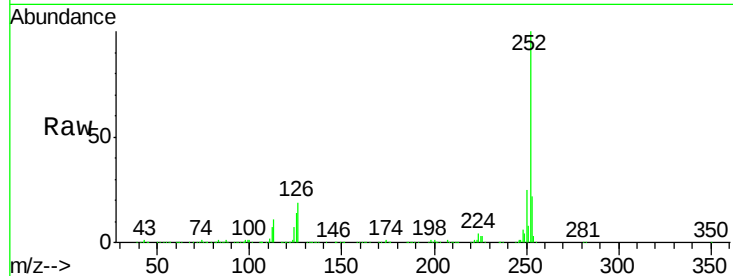
#89
Benzo(a)pyrene
Concen: 48.202 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Instrument :
BNA_F
ClientSampleId :
TP-12-COMPMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	13.8	11.0	16.4

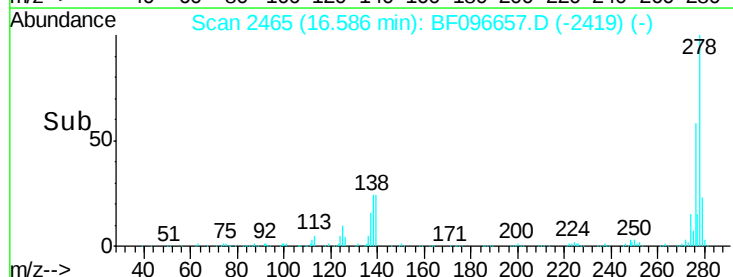
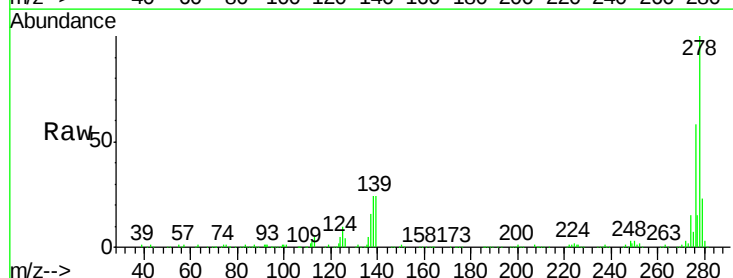
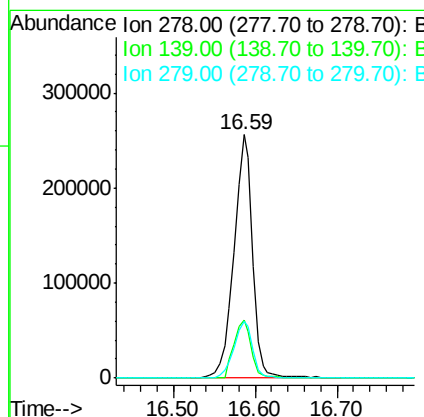
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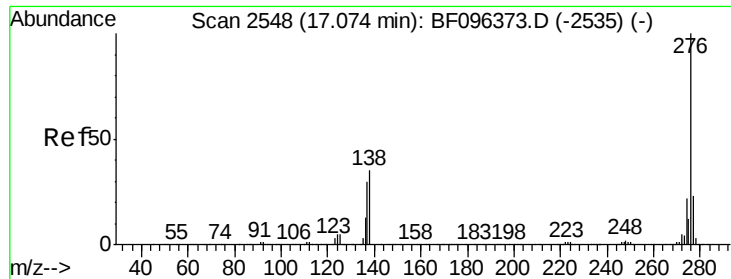
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#90
Dibenzo(a,h)anthracene
Concen: 47.476 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.03 min
Lab File: BF096657.D
Acq: 11 Jul 2017 21:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.8	16.6	24.8
279	23.2	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 46.438 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.03 min
 Lab File: BF096657.D
 Acq: 11 Jul 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMPMS

Tgt	Ion	276	Resp:	413626
Ion	Ratio	Lower	Upper	
276	100			
277	23.4	18.6	28.0	
138	31.2	25.4	38.0	

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