

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096554.D
 Acq On : 7 Jul 2017 12:58
 Operator : SJ/MA
 Sample : I4064-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Manual Integrations
 APPROVED

mohammad
 7/10/2017 2:22:10 PM

Quant Time: Jul 07 14:56:40 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	6.70	152	121177	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	496206	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	241175	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	387755	20.00	ng	0.00
75) Chrysene-d12	13.84	240	216688	20.00	ng	0.00
86) Perylene-d12	15.24	264	195827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	868319	105.76	ng	0.01
7) Phenol-d6	6.35	99	1064979	105.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	640007	77.51	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	203835	108.20	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1082603	76.75	ng	0.00
78) Terphenyl-d14	12.80	244	803633	79.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	123226	31.653	ng	# 75
3) Pyridine	3.09	79	322965	30.236	ng	# 66
4) n-Nitrosodimethylamine	3.03	42	201791	38.275	ng	# 84
6) Aniline	6.36	93	434879	33.337	ng	# 9
8) 2-Chlorophenol	6.49	128	340646	38.908	ng	# 96
9) Benzaldehyde	6.24	77	236372	37.421	ng	# 97
10) Phenol	6.36	94	428532	37.269	ng	# 77
11) bis(2-Chloroethyl)ether	6.44	93	330188	37.158	ng	# 92
12) 1,3-Dichlorobenzene	6.64	146	357901	38.987	ng	# 99
13) 1,4-Dichlorobenzene	6.72	146	359099	39.137	ng	# 96
14) 1,2-Dichlorobenzene	6.87	146	328249	38.963	ng	# 98
15) Benzyl Alcohol	6.85	79	281703	41.753	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	706107	39.087	ng	# 92
17) 2-Methylphenol	6.96	107	280269	40.169	ng	# 98
18) Hexachloroethane	7.21	117	129971	39.072	ng	# 77
19) n-Nitroso-di-n-propylamine	7.12	70	222632	37.026	ng	# 84
20) 3+4-Methylphenols	7.12	107	319613	41.069	ng	# 85
22) Acetophenone	7.11	105	438176	40.414	ng	# 93
24) Nitrobenzene	7.28	77	343221	39.620	ng	# 91
25) Isophorone	7.52	82	553640	34.579	ng	# 95
26) 2-Nitrophenol	7.60	139	172017	37.516	ng	# 91
27) 2,4-Dimethylphenol	7.65	122	281766	36.090	ng	# 95
28) bis(2-Chloroethoxy)methane	7.73	93	374502	35.434	ng	# 99
29) 2,4-Dichlorophenol	7.85	162	256981	38.151	ng	# 99
30) 1,2,4-Trichlorobenzene	7.93	180	240495	37.849	ng	# 97
31) Naphthalene	8.00	128	954492	40.746	ng	# 99
32) Benzoic acid	7.76	122	138905	21.184	ng	# 96
33) 4-Chloroaniline	8.05	127	367719	37.792	ng	# 96
34) Hexachlorobutadiene	8.13	225	135108	41.456	ng	# 98
35) Caprolactam	8.42	113	102401m	44.085	ng	#
36) 4-Chloro-3-methylphenol	8.54	107	301164	40.406	ng	# 88
37) 2-Methylnaphthalene	8.69	142	651281	43.676	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	219293	35.019	ng	# 98
40) Hexachlorocyclopentadiene	8.85	237	214740	70.525	ng	# 99

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Quant Time: Jul 07 14:56:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	171071	34.533	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	187852	38.352	ng	97
45) 1,1'-Biphenyl	9.16	154	706418	34.185	ng	97
46) 2-Chloronaphthalene	9.18	162	534004	34.676	ng	93
47) 2-Nitroaniline	9.27	65	190360	33.972	ng	94
48) Acenaphthylene	9.60	152	918878	37.656	ng	98
49) Dimethylphthalate	9.46	163	708537	39.355	ng	99
50) 2,6-Dinitrotoluene	9.52	165	153984	38.677	ng #	92
51) Acenaphthene	9.77	154	521637	34.680	ng	98
52) 3-Nitroaniline	9.69	138	163479	32.921	ng #	89
53) 2,4-Dinitrophenol	9.79	184	95660	45.237	ng #	74
54) Dibenzofuran	9.94	168	788485	39.705	ng	99
55) 4-Nitrophenol	9.86	139	268748	65.296	ng #	66
56) 2,4-Dinitrotoluene	9.92	165	200861	39.839	ng #	80
57) Fluorene	10.28	166	568297	40.519	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	145356	42.893	ng	98
59) Diethylphthalate	10.16	149	657700	38.649	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	236595	38.771	ng	94
61) 4-Nitroaniline	10.30	138	179218	39.692	ng	89
62) Azobenzene	10.43	77	578660	35.166	ng	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	83996	31.410	ng	86
65) n-Nitrosodiphenylamine	10.39	169	515464	37.888	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	156896	41.566	ng	98
67) Hexachlorobenzene	10.83	284	159793	38.672	ng	95
68) Atrazine	10.92	200	163245	41.999	ng	95
69) Pentachlorophenol	11.02	266	157530	64.326	ng	97
70) Phenanthrene	11.24	178	822716	39.250	ng	98
71) Anthracene	11.29	178	885889	41.474	ng	98
72) Carbazole	11.44	167	856184	39.857	ng	99
73) Di-n-butylphthalate	11.78	149	1029521	39.568	ng	98
74) Fluoranthene	12.42	202	777994	37.857	ng	99
76) Benzidine	12.54	184	350289	33.690	ng #	92
77) Pyrene	12.64	202	792476	45.563	ng	99
79) Butylbenzylphthalate	13.27	149	381238	43.300	ng #	79
80) Benzo(a)anthracene	13.83	228	514510	41.003	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	154873	30.050	ng #	97
82) Chrysene	13.87	228	512180	38.978	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	465406	47.355	ng #	100
84) Di-n-octyl phthalate	14.44	149	789049	40.770	ng #	95
85) Indeno(1,2,3-cd)pyrene	16.59	276	538958	51.961	ng	97
87) Benzo(b)fluoranthene	14.84	252	430903	35.117	ng	98
88) Benzo(k)fluoranthene	14.87	252	427326m	38.932	ng	
89) Benzo(a)pyrene	15.19	252	421460	38.472	ng	98
90) Dibenzo(a,h)anthracene	16.61	278	437720	50.790	ng	96
91) Benzo(g,h,i)perylene	17.00	276	473372	53.006	ng	98

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

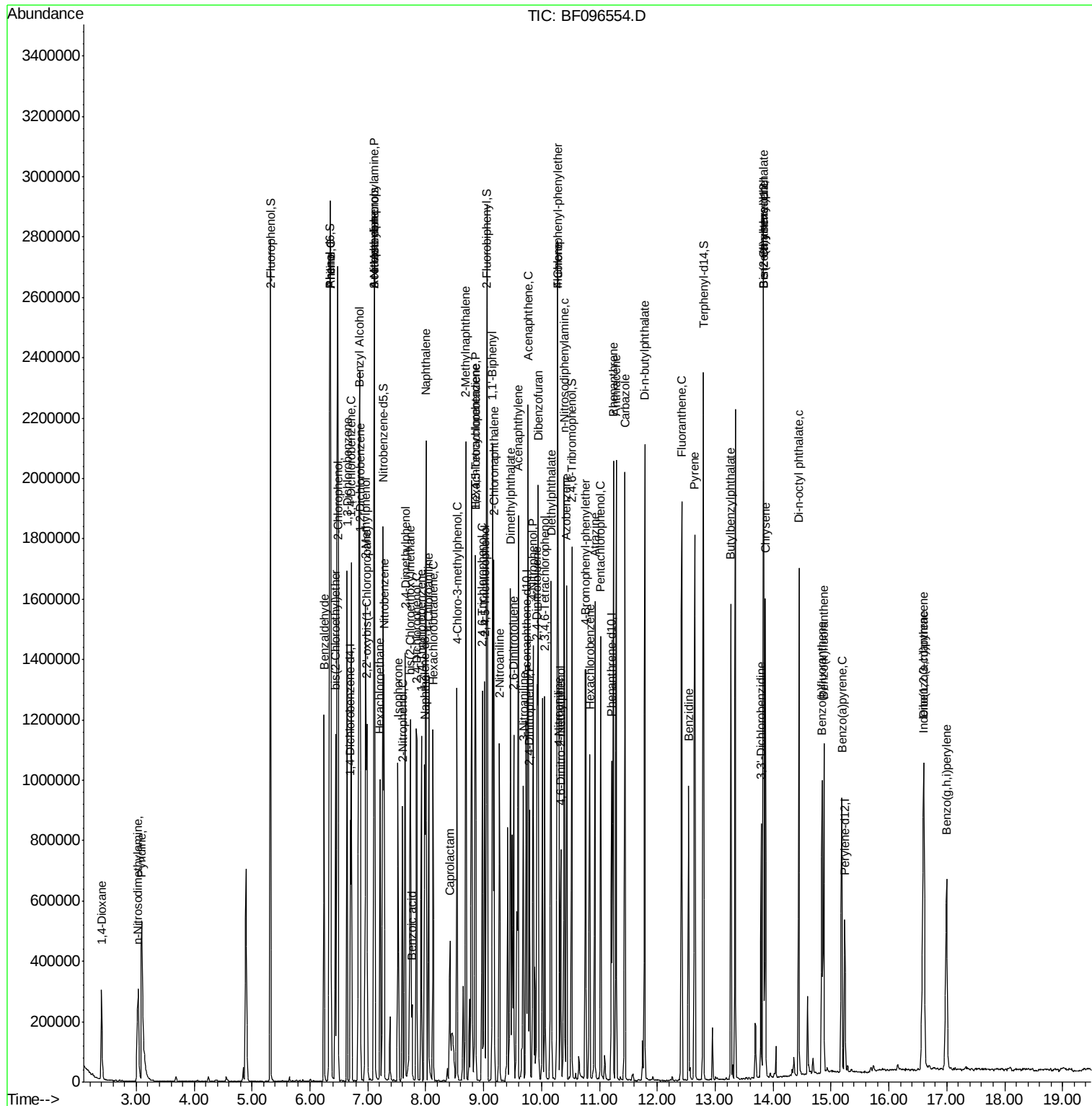
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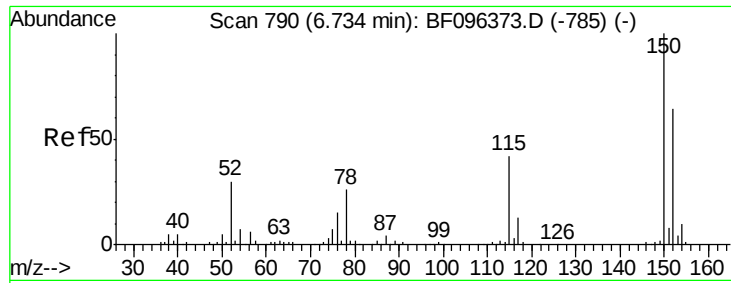
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#1

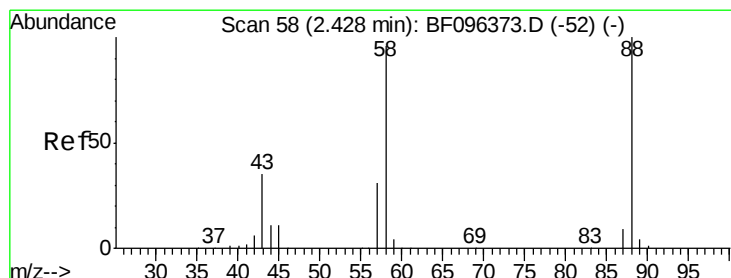
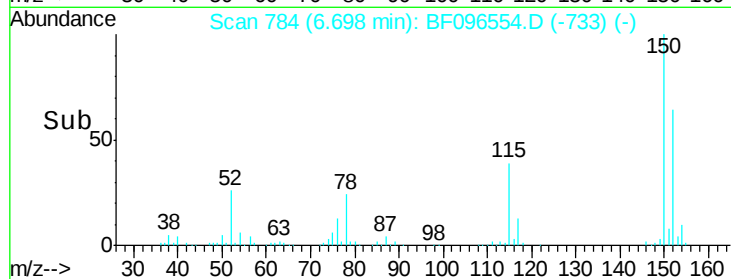
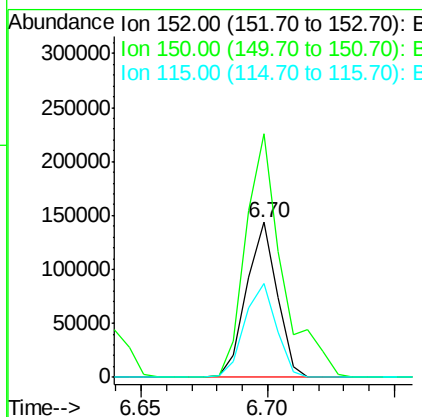
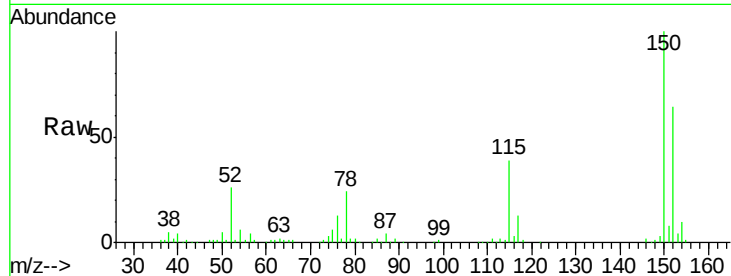
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	60.6	52.2	78.2

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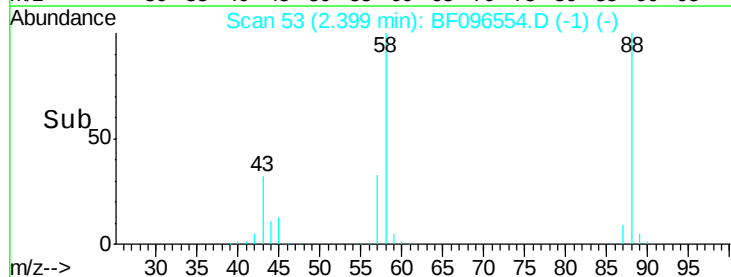
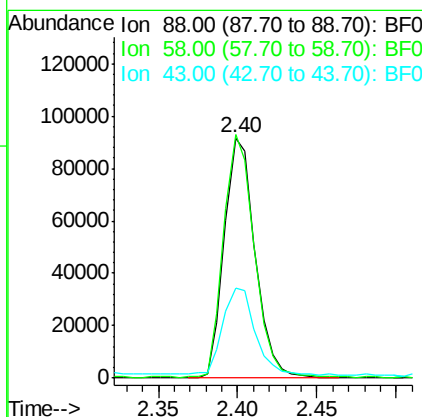
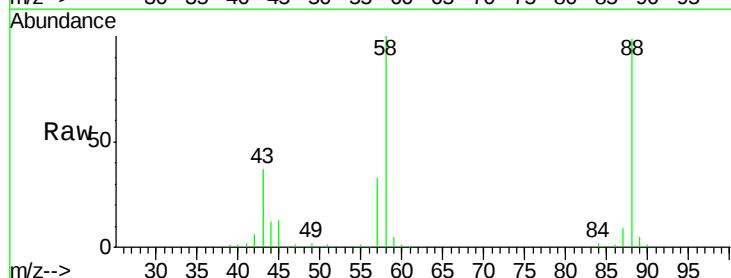
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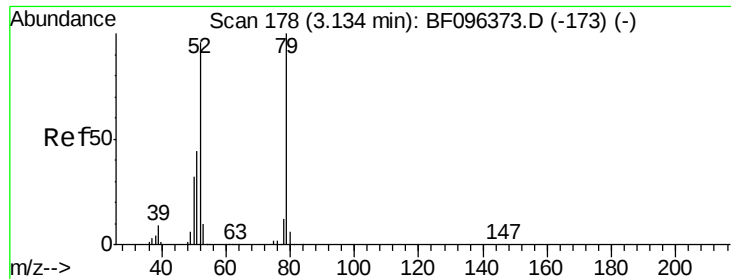


#2

1,4-Dioxane
Concen: 31.653 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.04 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.8	61.4	92.0#
43	38.7	23.4	35.0#





#3

Pyridine

Concen: 30.236 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.04 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

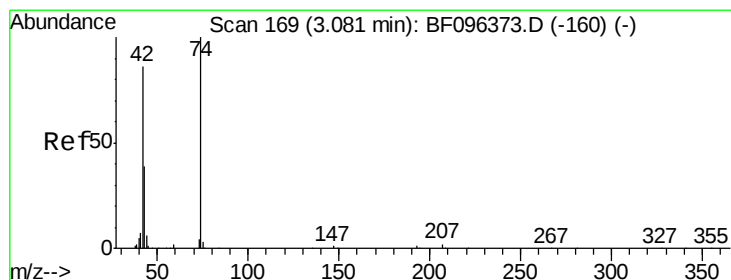
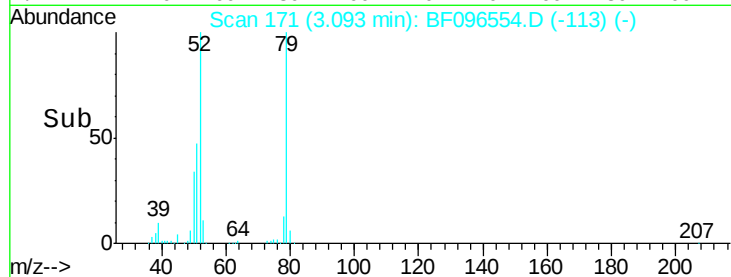
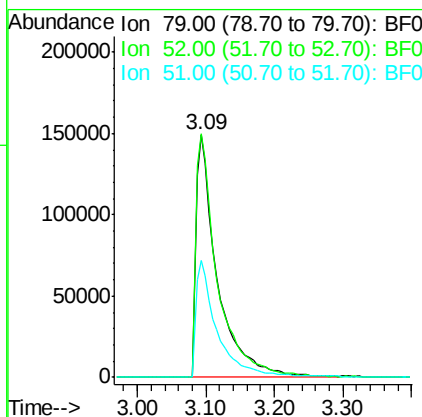
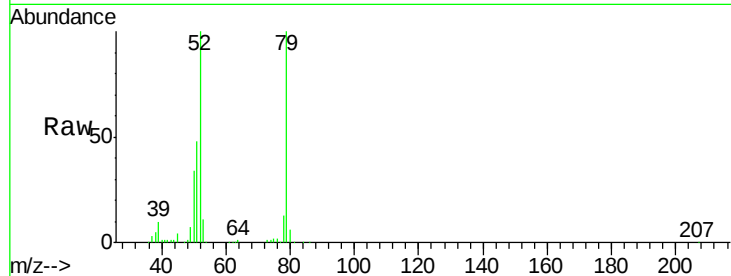
ClientSampleId :

PET-BF001-01MS

Tgt Ion:	79	Resp:	322965
Ion Ratio	Lower	Upper	
79	100		
52	100.3	54.8	82.2#
51	47.9	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 38.275 ng

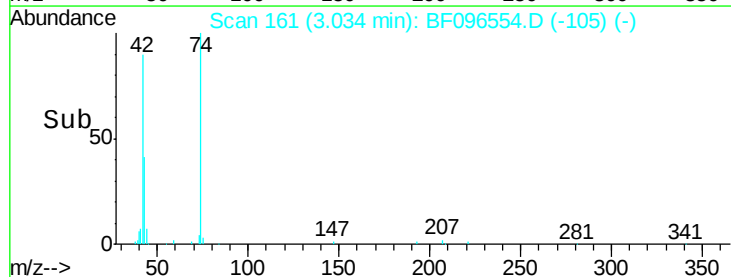
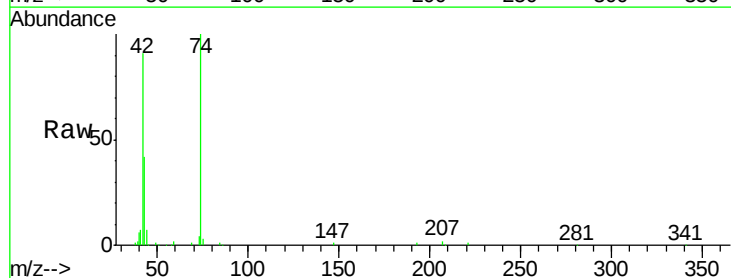
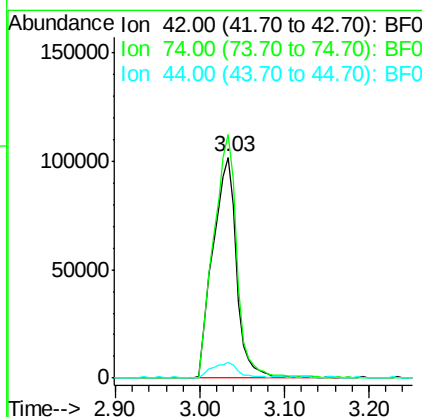
RT: 3.03 min Scan# 161

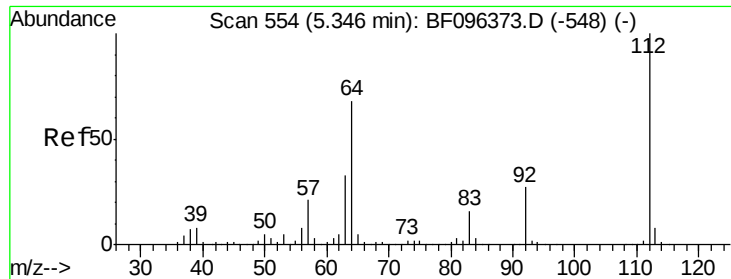
Delta R.T. 0.03 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	42	Resp:	201791
Ion Ratio	Lower	Upper	
42	100		
74	110.1	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 105.764 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

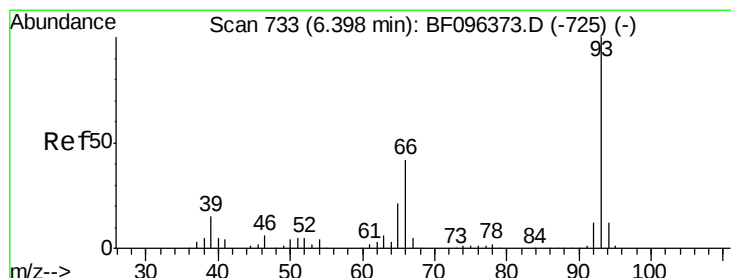
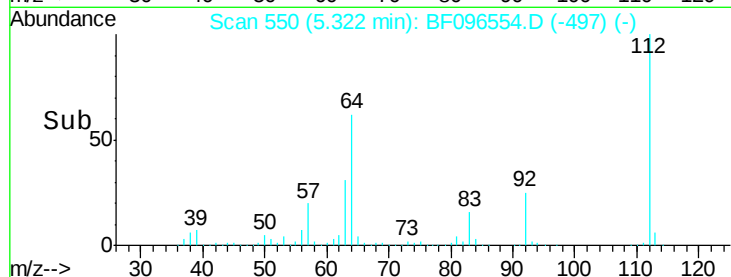
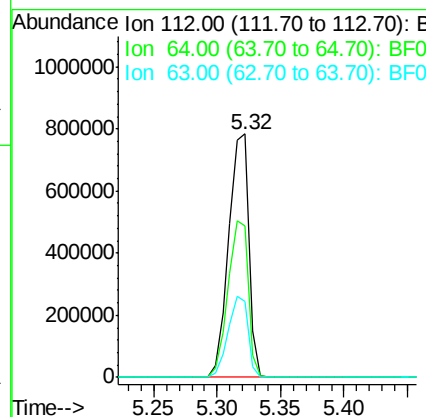
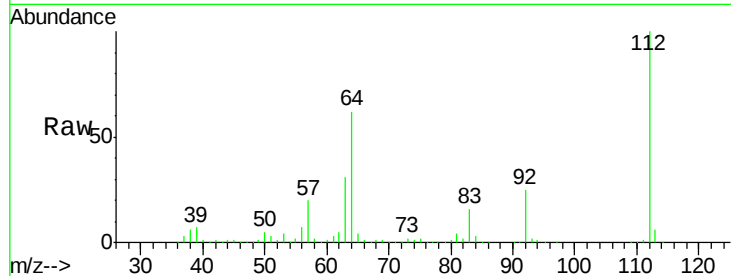
ClientSampleId :

PET-BF001-01MS

Tgt Ion:	112	Resp:	868319
Ion Ratio	Lower	Upper	
112	100		
64	62.3	46.0	69.0
63	31.3	23.4	35.0

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#6

Aniline

Concen: 33.337 ng

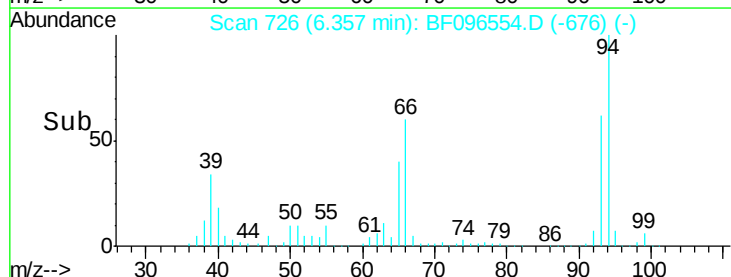
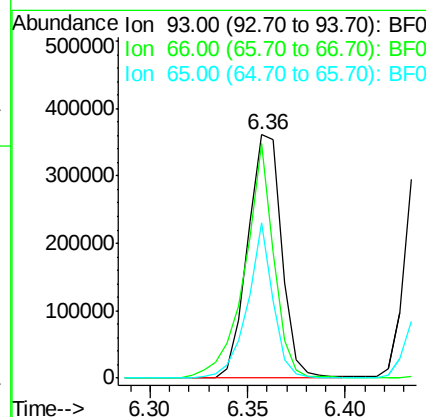
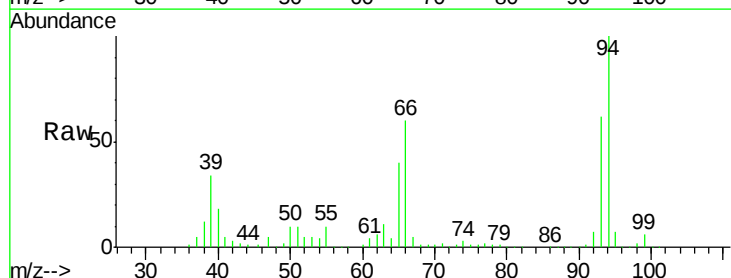
RT: 6.36 min Scan# 726

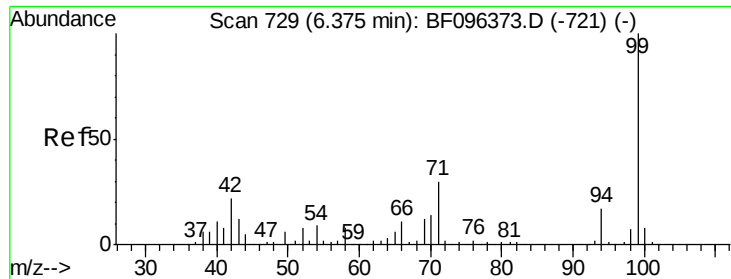
Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	93	Resp:	434879
Ion Ratio	Lower	Upper	
93	100		
66	96.3	32.9	49.3#
65	64.0	16.0	24.0#





#7

Phenol-d6

Concen: 105.516 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

PET-BF001-01MS

Tgt Ion: 99 Resp: 1064979

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

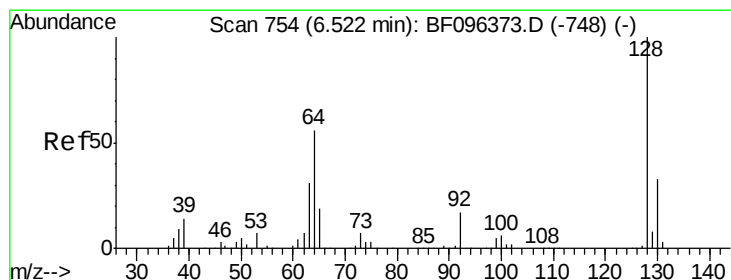
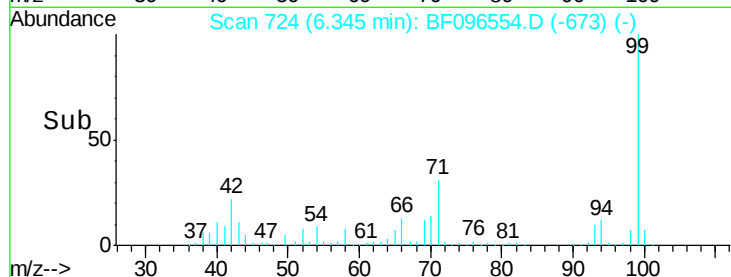
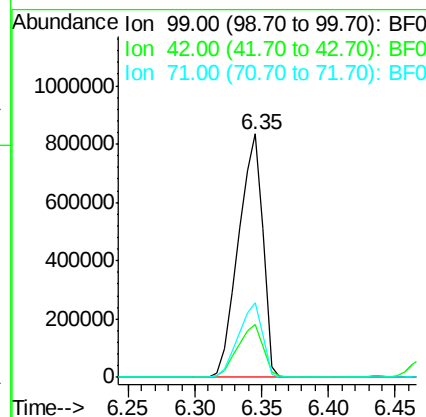
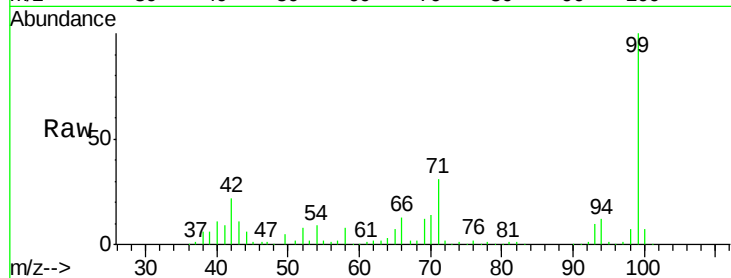
71 30.7 24.5 36.7

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#8

2-Chlorophenol

Concen: 38.908 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

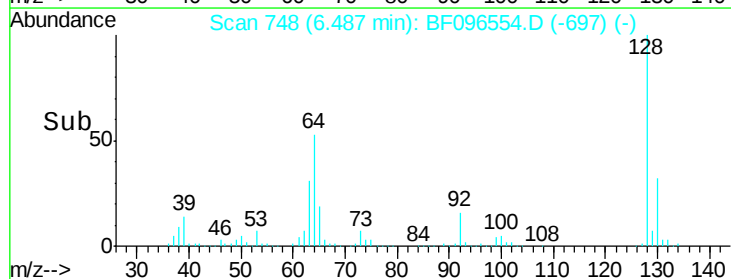
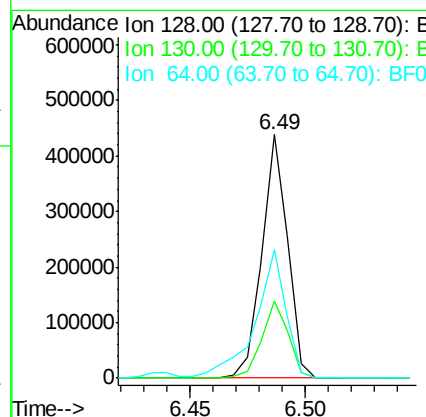
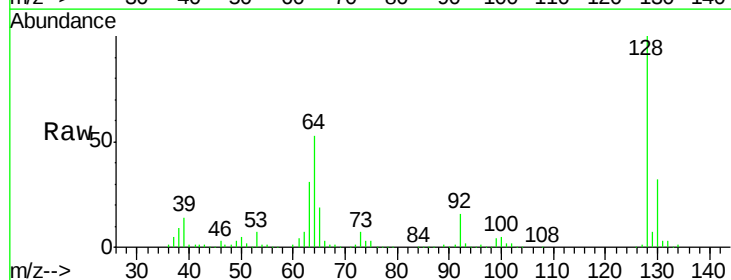
Tgt Ion: 128 Resp: 340646

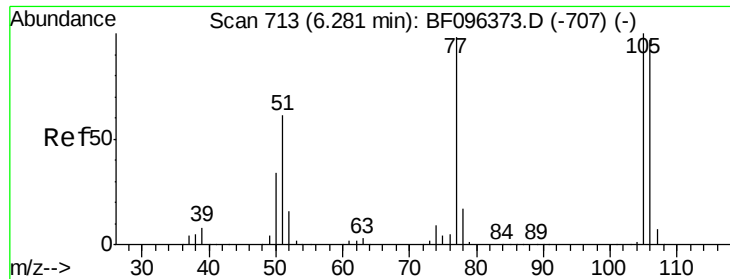
Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

64 52.6 28.4 68.4





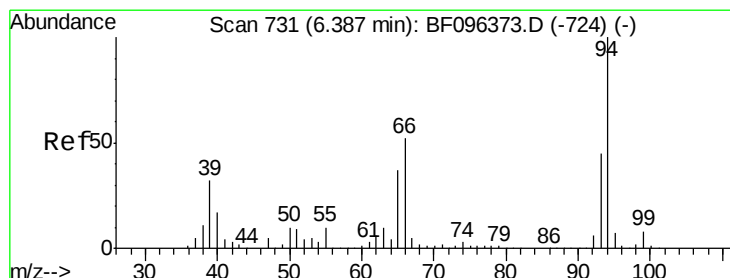
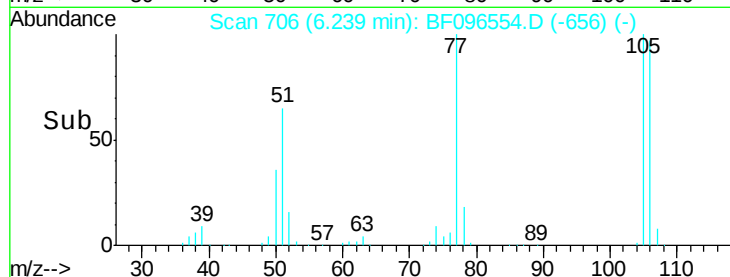
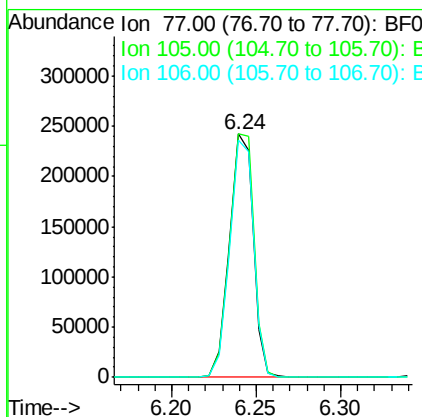
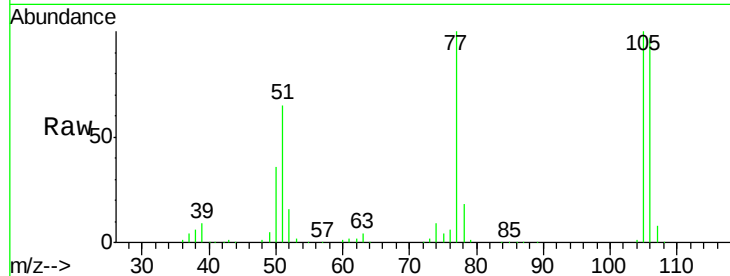
#9
Benzaldehyde
Concen: 37.421 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF096554.D
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Instrument :
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Tgt Ion: 77 Resp: 236372
Ion Ratio Lower Upper
77 100
105 100.1 83.8 123.8
106 97.3 79.1 119.1

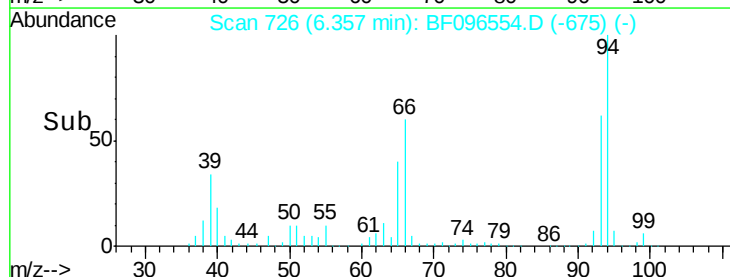
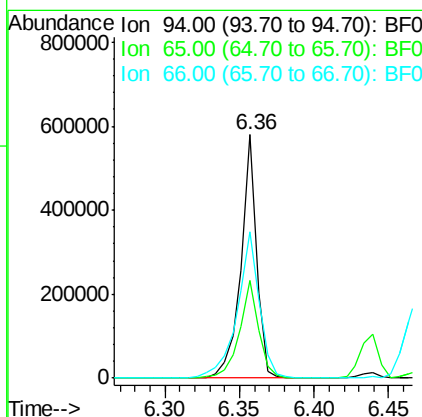
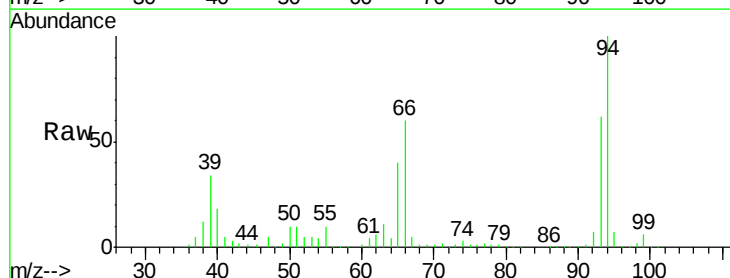
Manual Integrations
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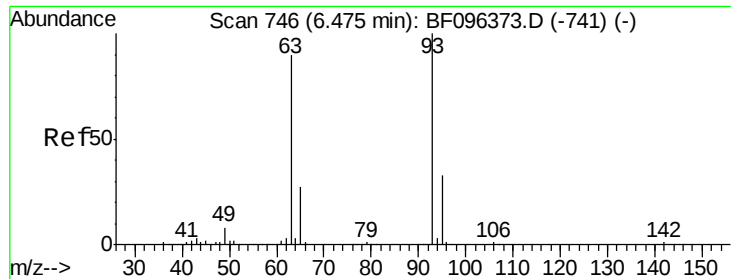
mohammad
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#10
Phenol
Concen: 37.269 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion: 94 Resp: 428532
Ion Ratio Lower Upper
94 100
65 39.9 9.9 49.9
66 60.0 23.1 63.1





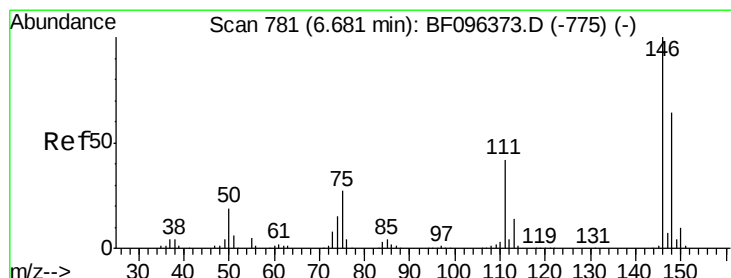
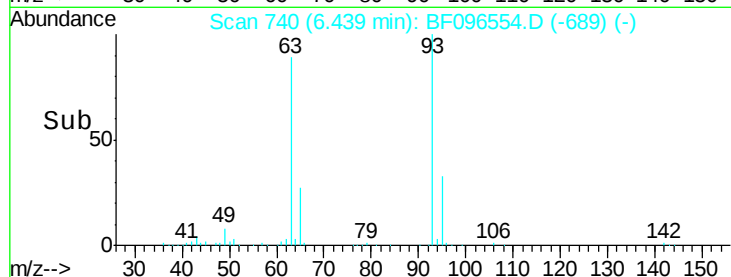
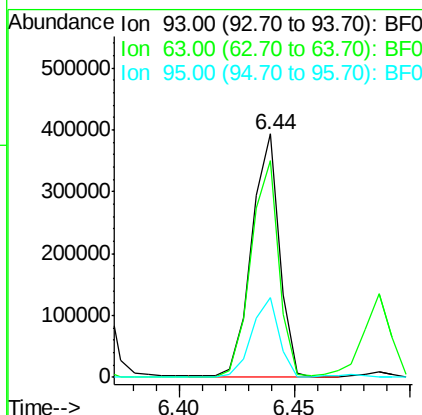
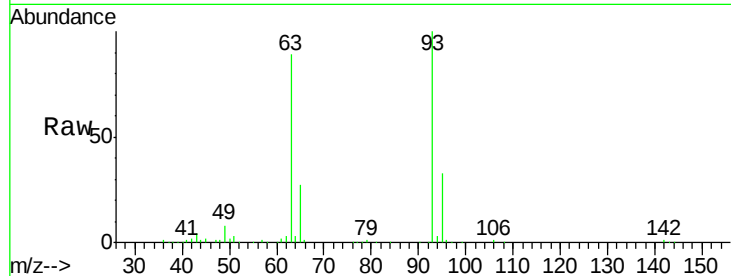
#11
 bis(2-Chloroethyl)ether
 Concen: 37.158 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion:	93	Resp:	330188
Ion	Ratio	Lower	Upper
93	100		
63	88.8	59.2	99.2
95	32.9	12.8	52.8

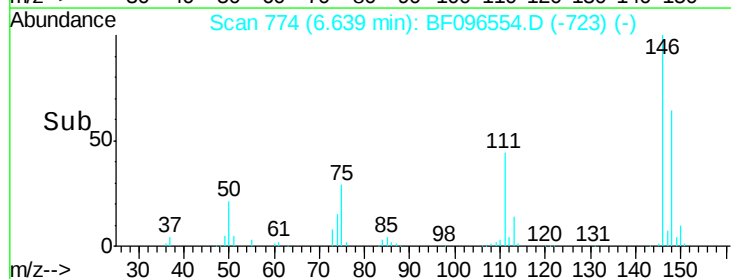
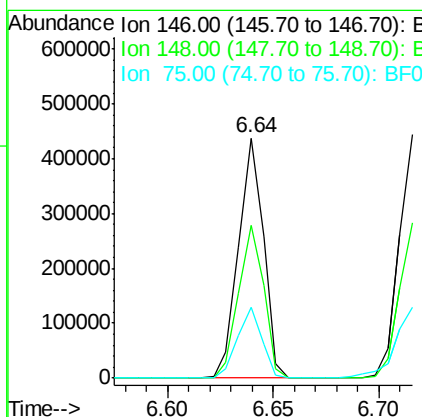
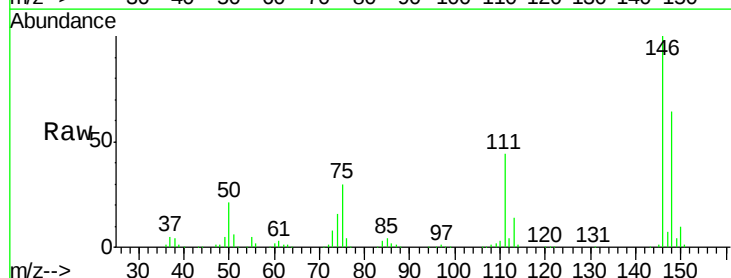
Manual Integrations
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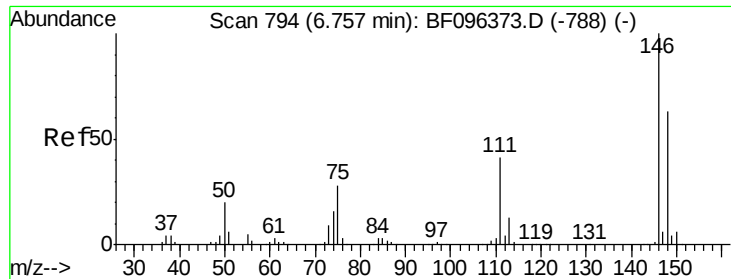
mohammad
 7/10/2017 2:22:10 PM



#12
 1,3-Dichlorobenzene
 Concen: 38.987 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:	146	Resp:	357901
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	29.6	23.1	34.7





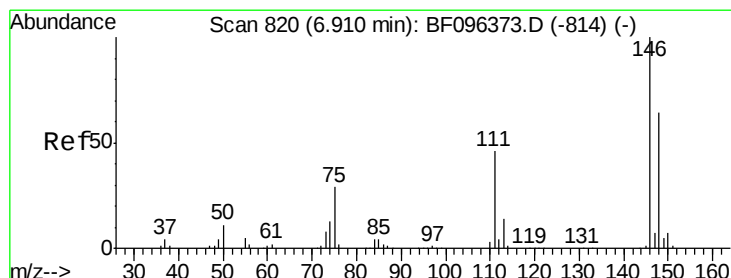
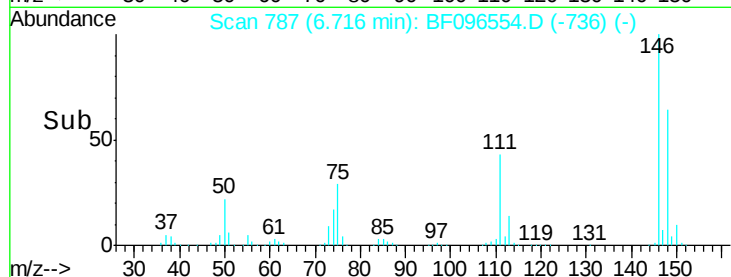
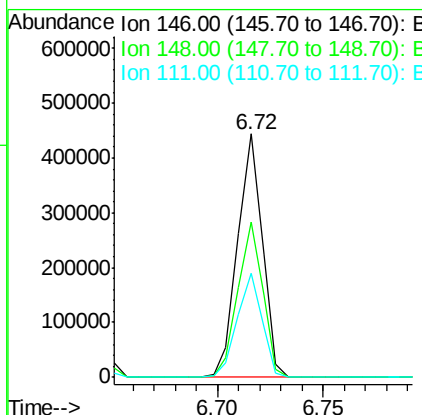
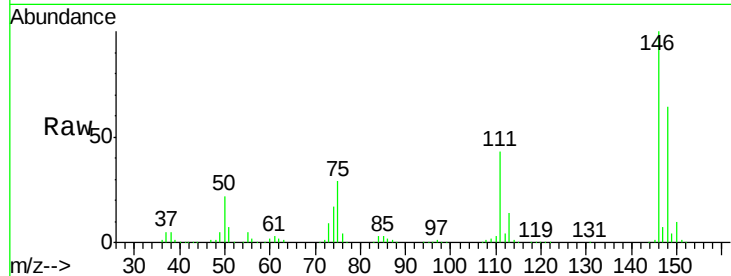
#13
 1,4-Dichlorobenzene
 Concen: 39.137 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	42.9	30.3	45.5

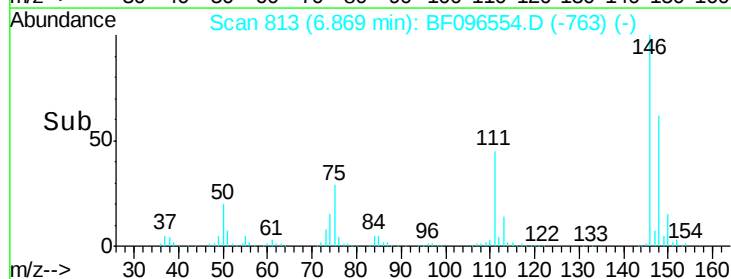
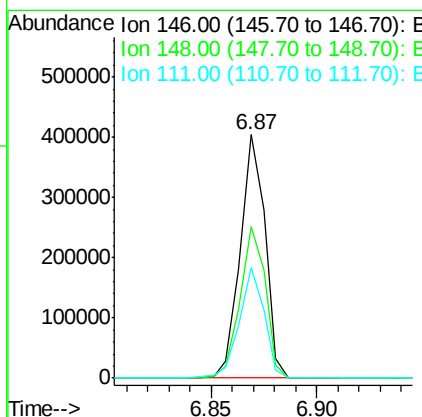
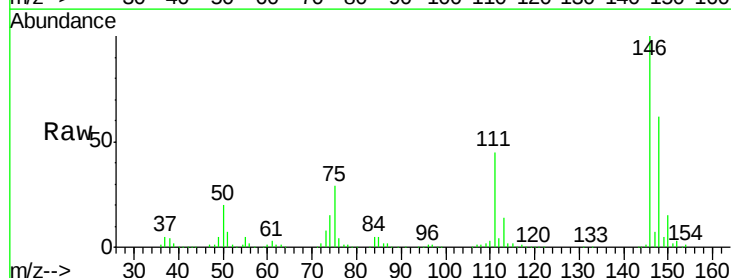
Manual Integrations
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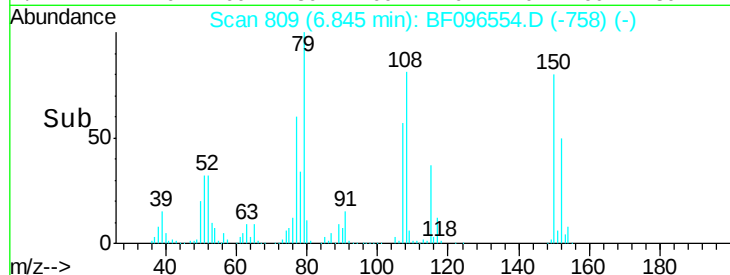
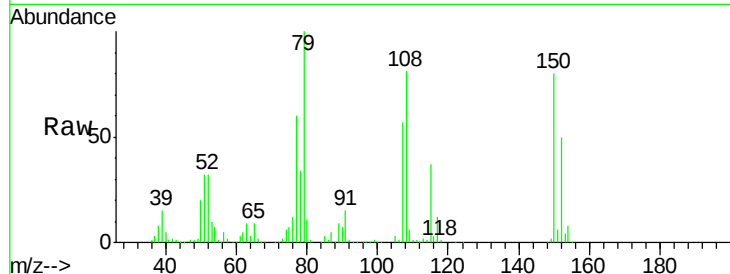
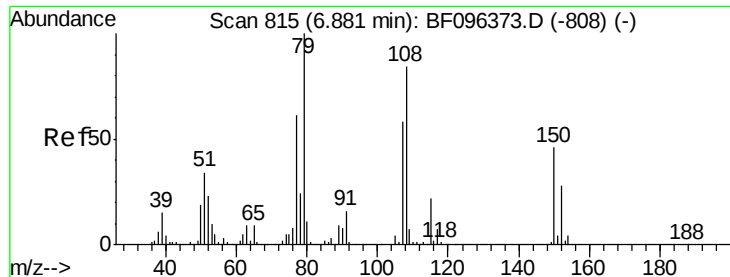
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#14
 1,2-Dichlorobenzene
 Concen: 38.963 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.4	75.6
111	45.4	38.2	57.4





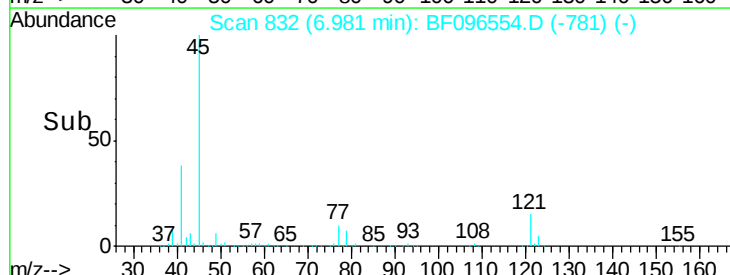
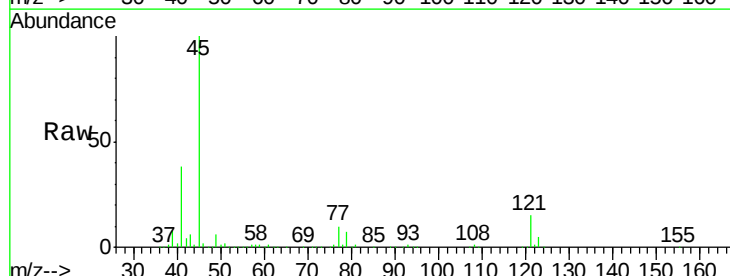
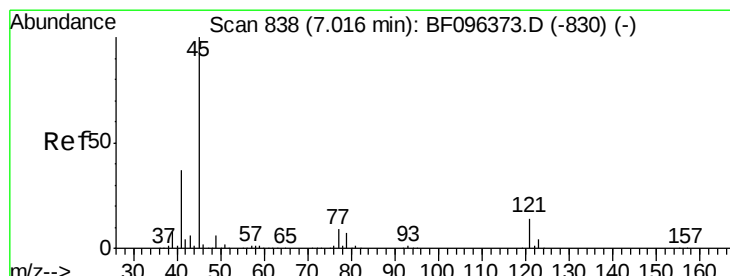
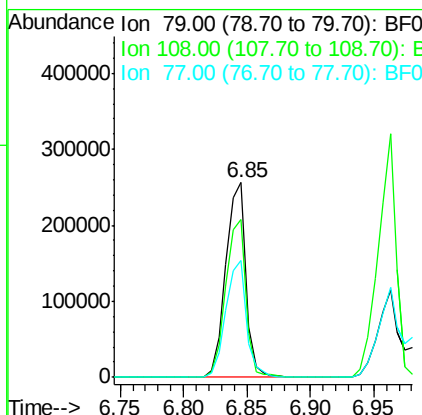
#15
Benzyl Alcohol
Concen: 41.753 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion: 79 Resp: 281703
Ion Ratio Lower Upper
79 100
108 81.2 63.4 95.0
77 60.4 49.2 73.8

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

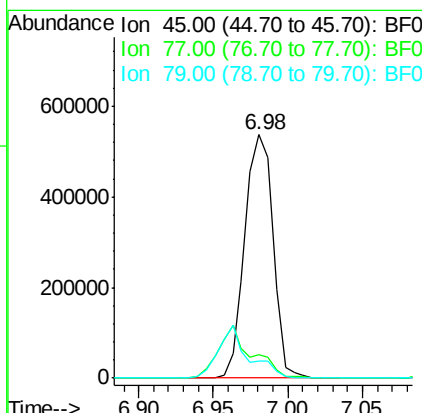
Manual Integrations
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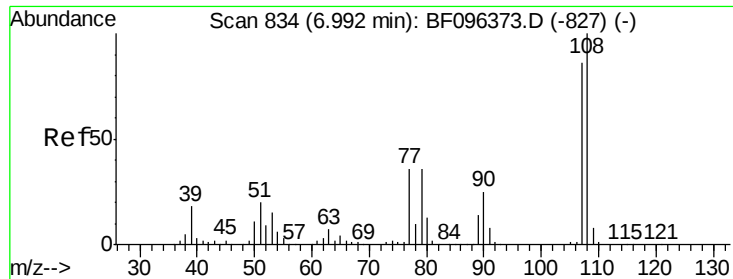
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.087 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion: 45 Resp: 706107
Ion Ratio Lower Upper
45 100
77 9.8 0.0 33.2
79 7.2 0.0 30.0





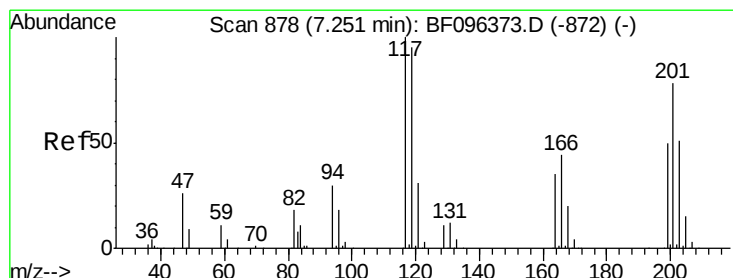
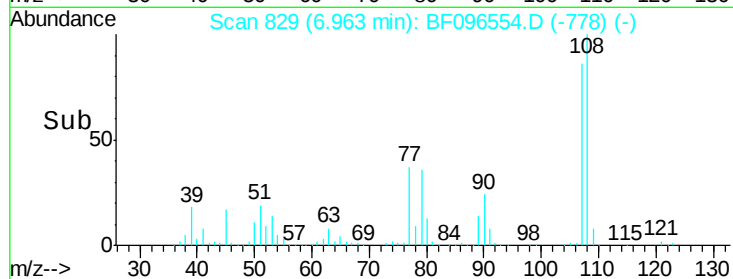
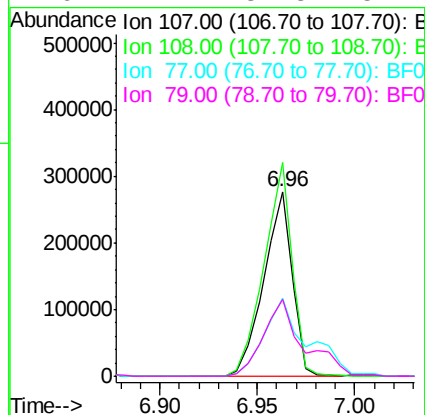
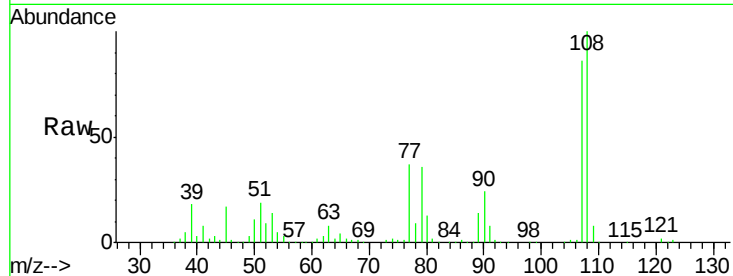
#17
2-Methylphenol
Concen: 40.169 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	280269		
108	115.7	93.4	140.0	
77	42.6	35.8	53.6	
79	41.7	34.8	52.2	

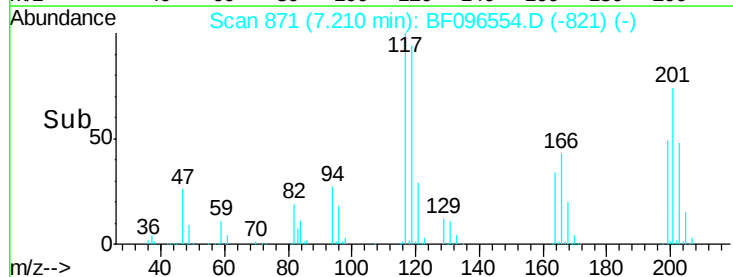
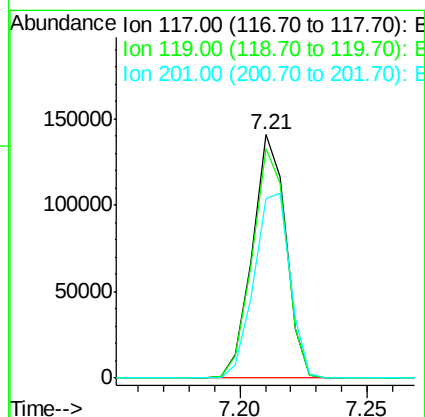
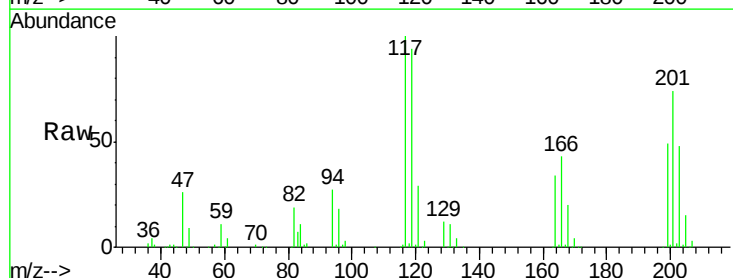
Manual Integrations
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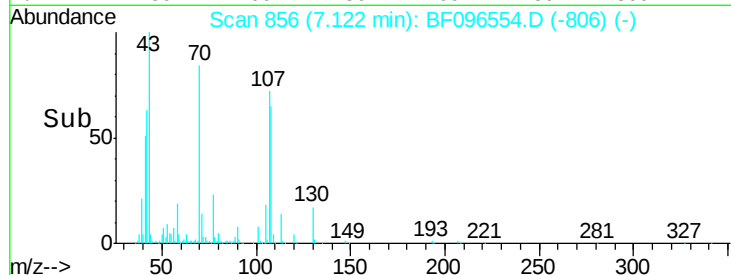
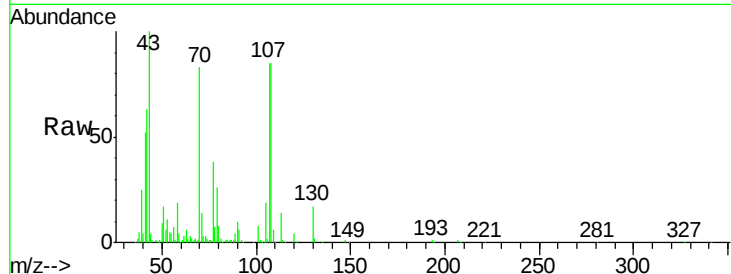
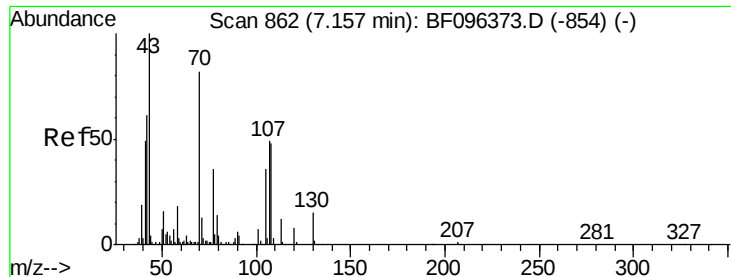
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#18
Hexachloroethane
Concen: 39.072 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129971		
119	94.3	77.4	116.0	
201	74.0	94.6	141.8#	





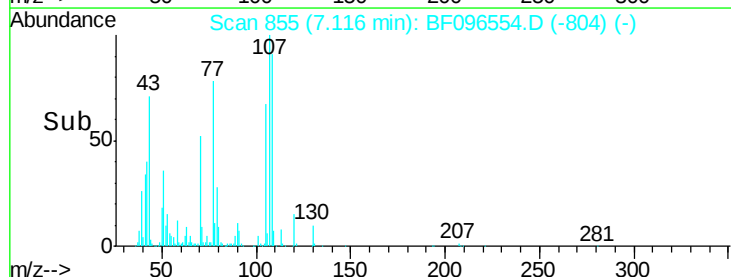
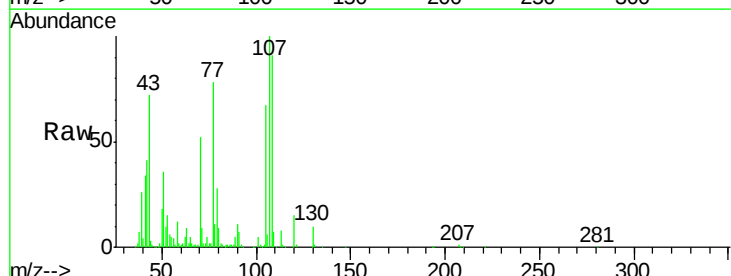
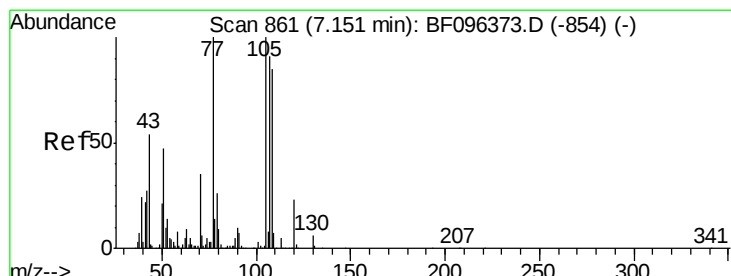
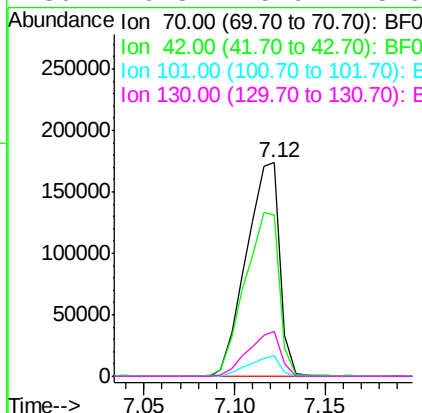
#19
n-Nitroso-di-n-propylamine
Concen: 37.026 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.7	47.2	70.8#
101	9.7	7.2	10.8
130	20.8	15.9	23.9

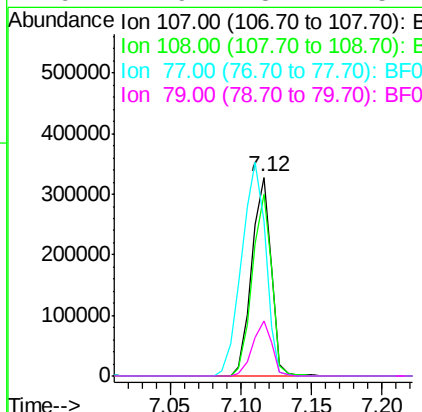
Manual Integrations
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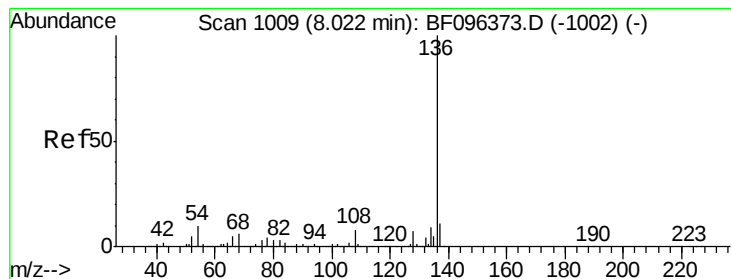
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#20
3+4-Methylphenols
Concen: 41.069 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	77.9	90.5	130.5#
79	27.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

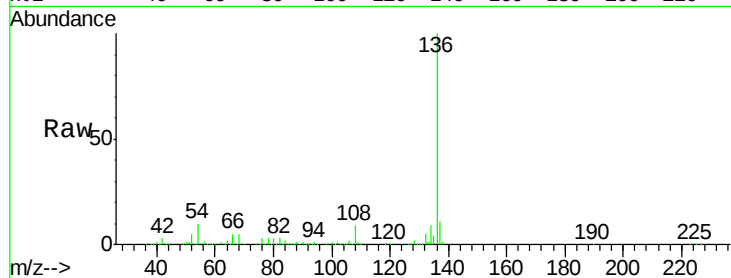
ClientSampleId :

PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	496206		
137	11.2	8.5	12.7	
54	9.6	4.9	7.3	
68	5.0	4.1	6.1	

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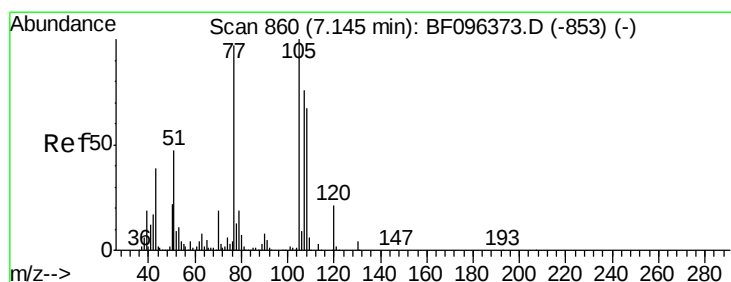
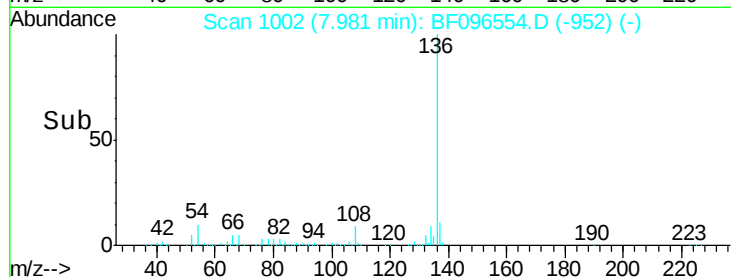
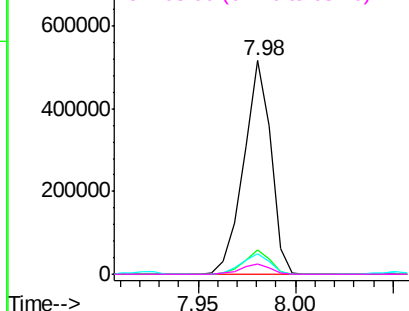


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.414 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

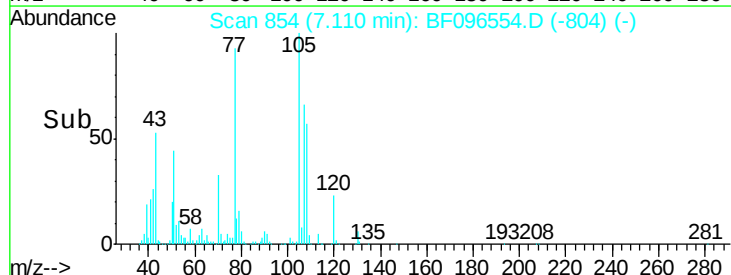
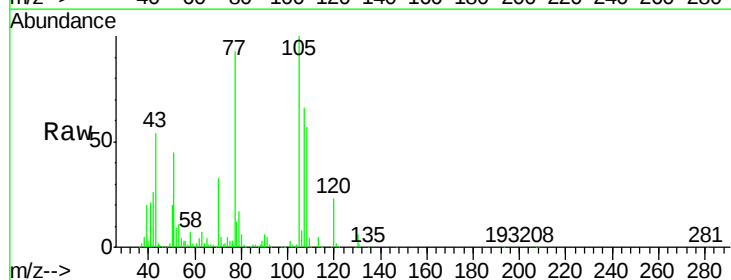
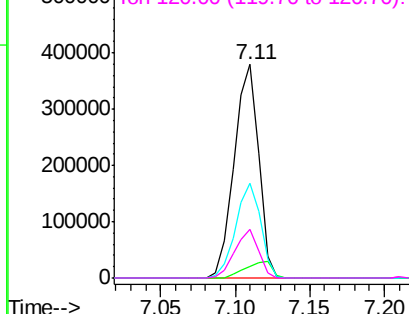
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438176		
71	5.1	2.8	4.2	
51	44.5	30.7	46.1	
120	22.8	17.4	26.0	

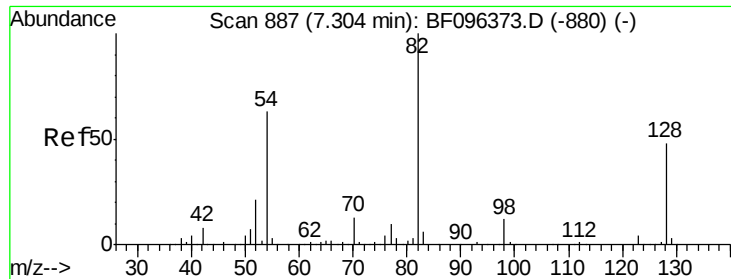
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





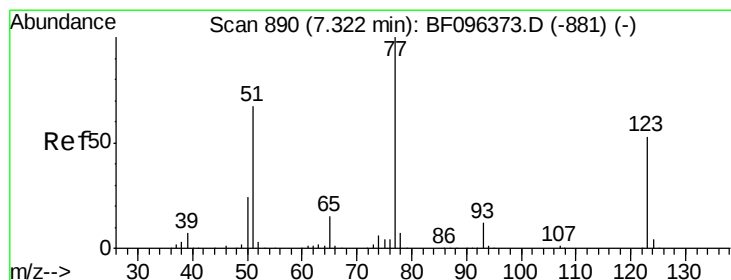
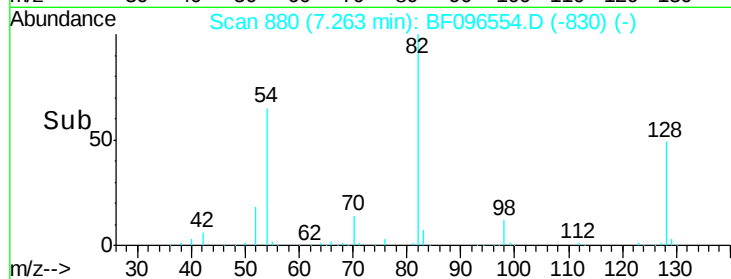
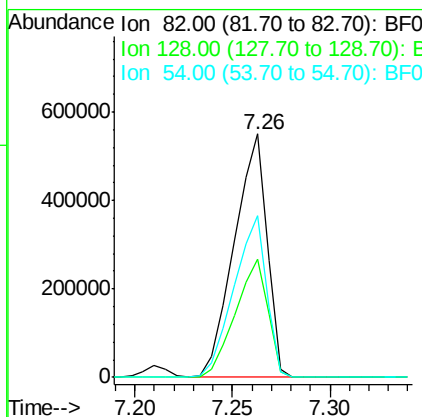
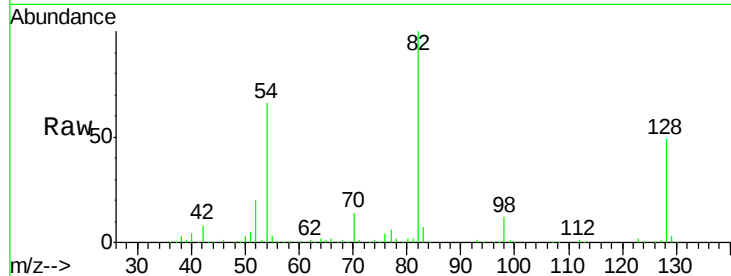
#23
 Nitrobenzene-d5
 Concen: 77.505 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	66.2	42.2	63.2

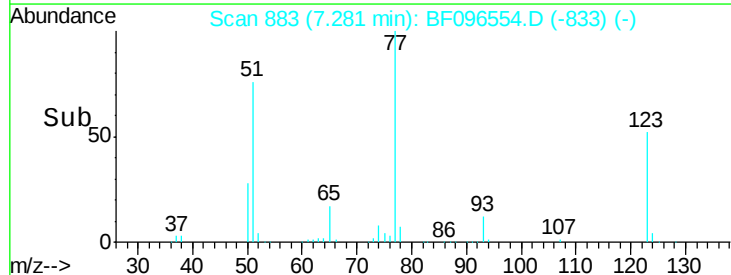
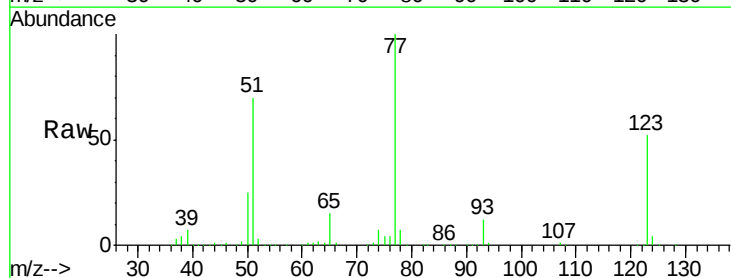
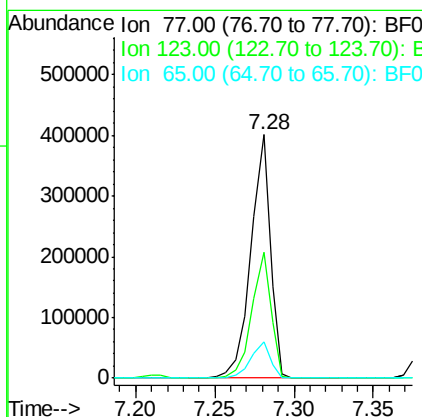
Manual Integrations
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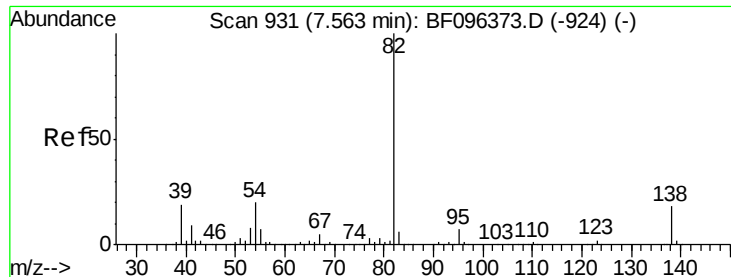
mohammad
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#24
 Nitrobenzene
 Concen: 39.620 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 34.579 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

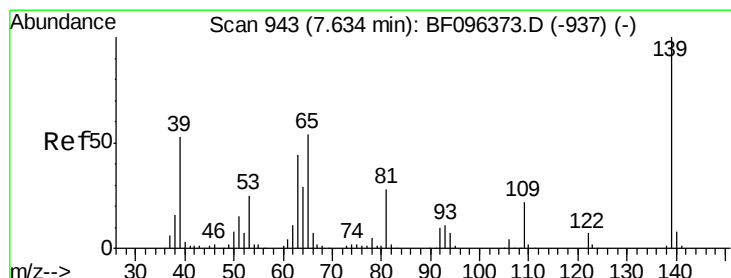
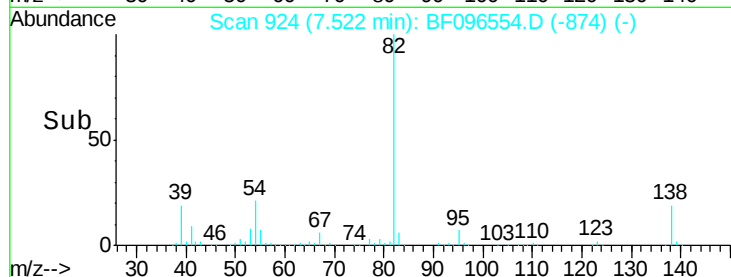
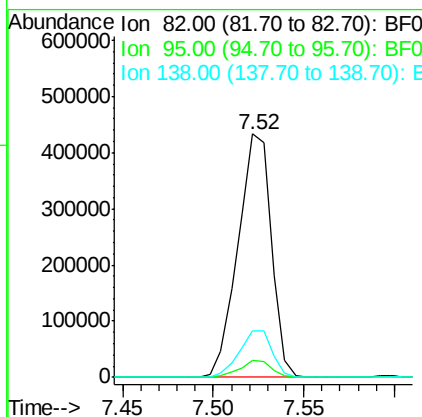
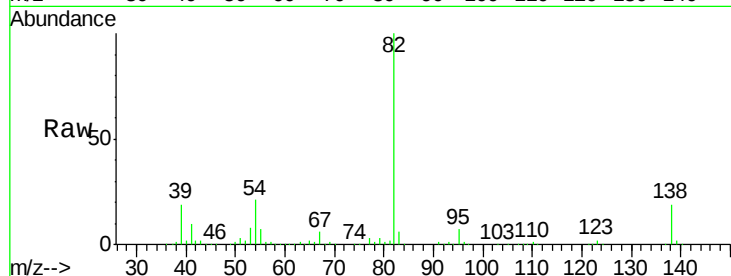
ClientSampleId :

PET-BF001-01MS

Tgt Ion:	82	Resp:	553640
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.516 ng

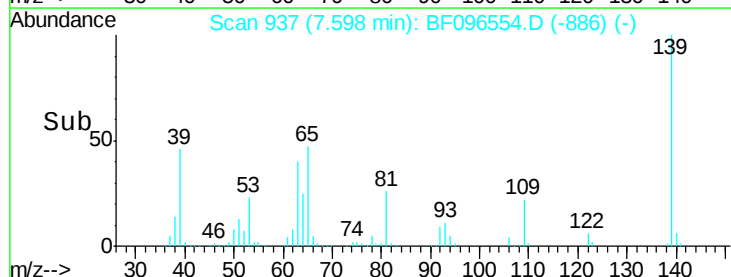
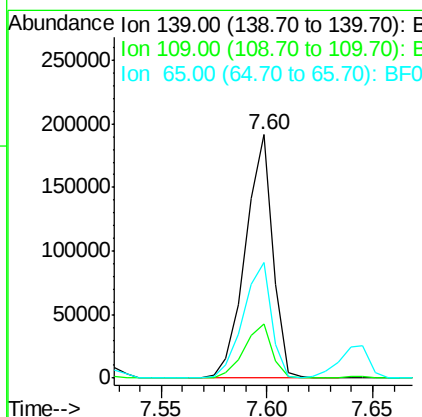
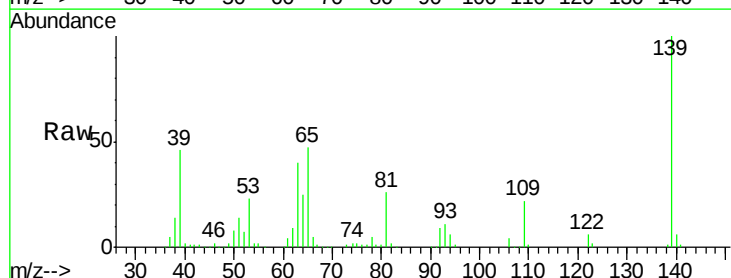
RT: 7.60 min Scan# 937

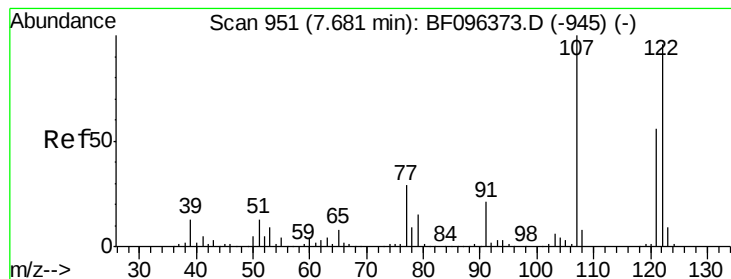
Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	139	Resp:	172017
Ion	Ratio	Lower	Upper
139	100		
109	22.1	21.0	31.6
65	47.5	33.0	49.6





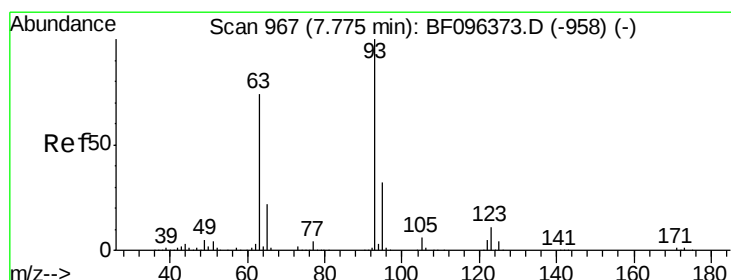
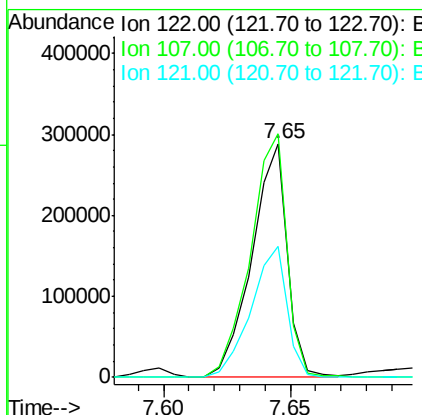
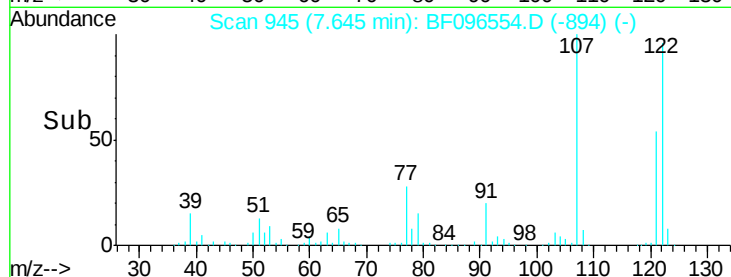
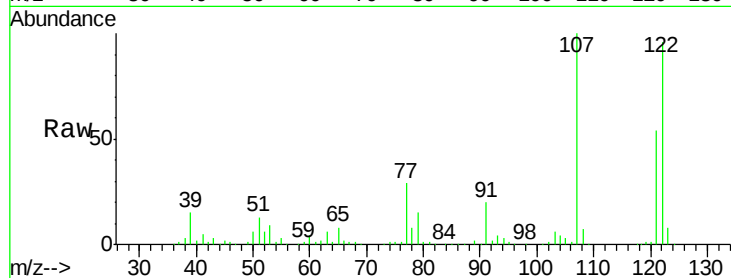
#27
2,4-Dimethylphenol
Concen: 36.090 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	281766		
107	104.2	89.2	133.8	
121	56.0	45.2	67.8	

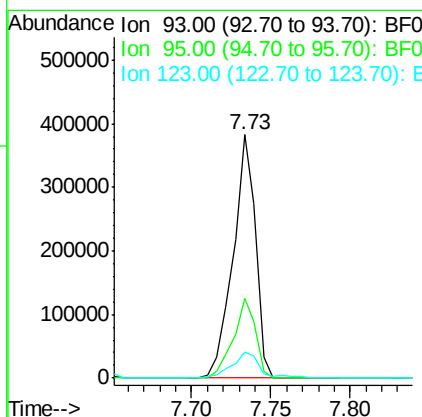
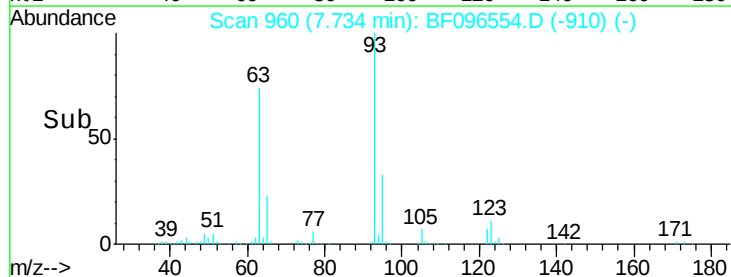
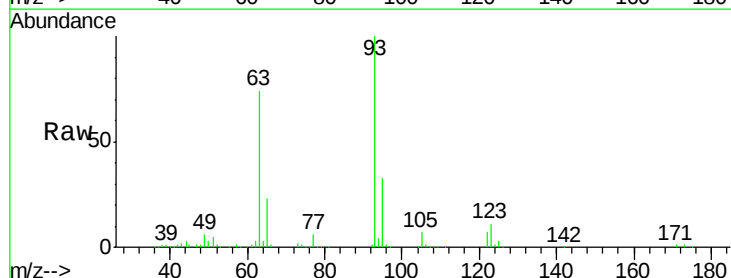
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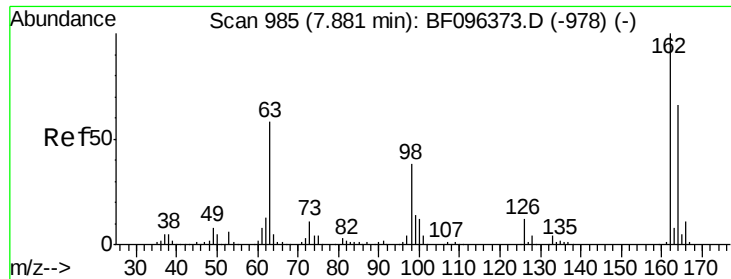
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.434 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	374502		
95	32.6	26.5	39.7	
123	10.9	9.0	13.4	





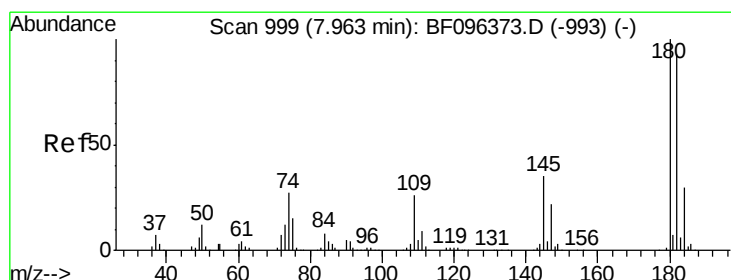
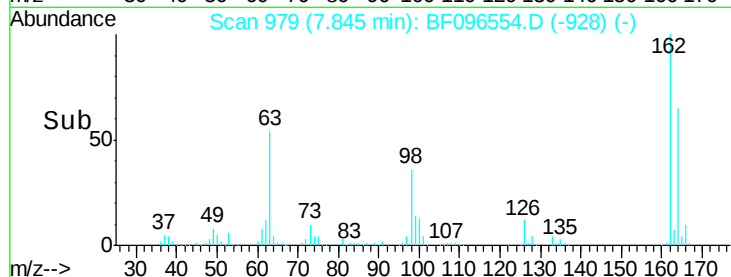
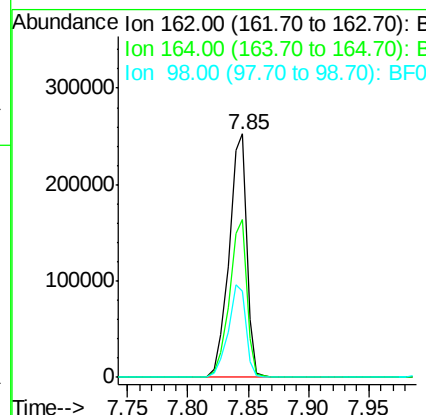
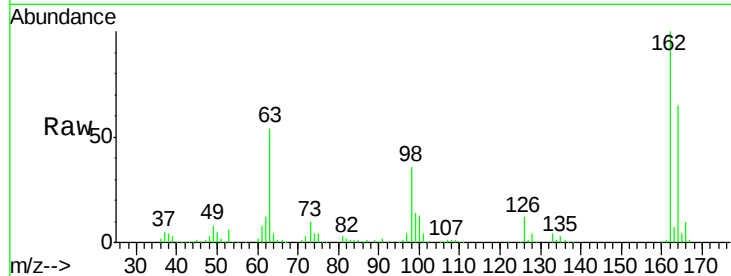
#29
2,4-Dichlorophenol
Concen: 38.151 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	256981		
164	64.9	44.6	84.6	
98	35.6	14.8	54.8	

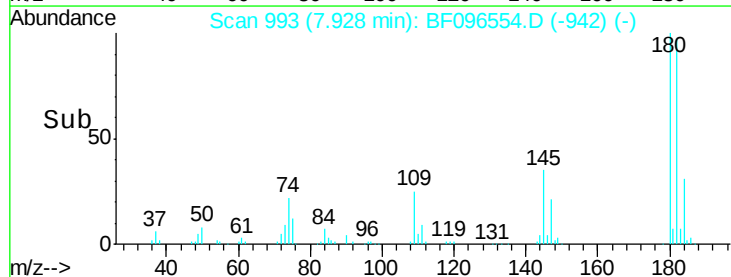
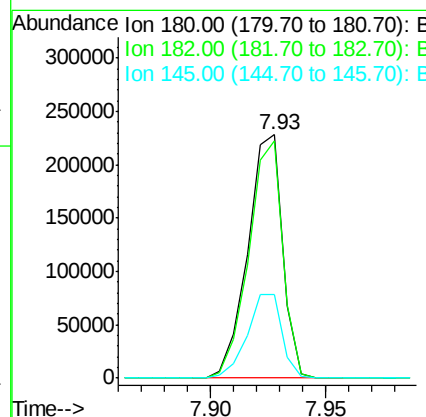
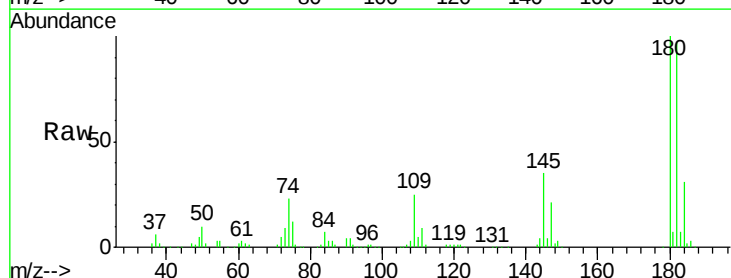
Manual Integrations
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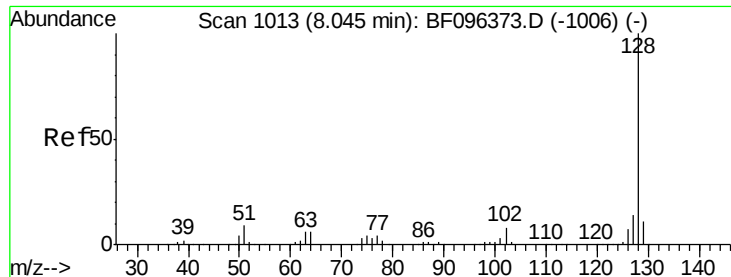
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.849 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240495		
182	97.3	75.8	113.6	
145	34.5	25.3	37.9	





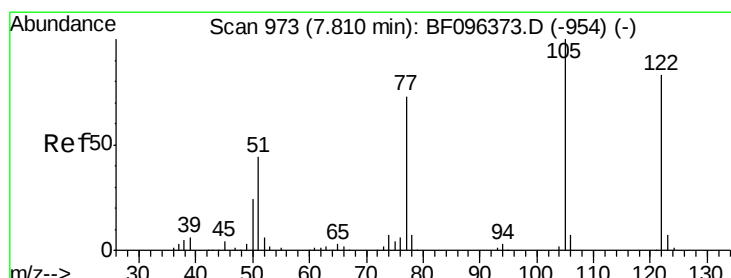
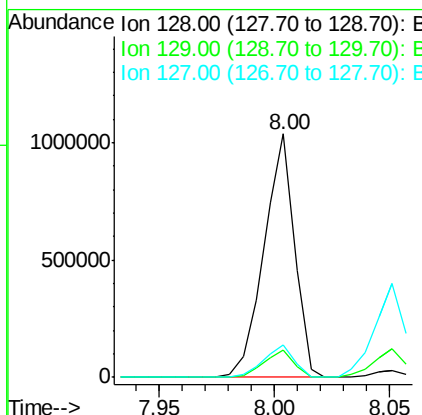
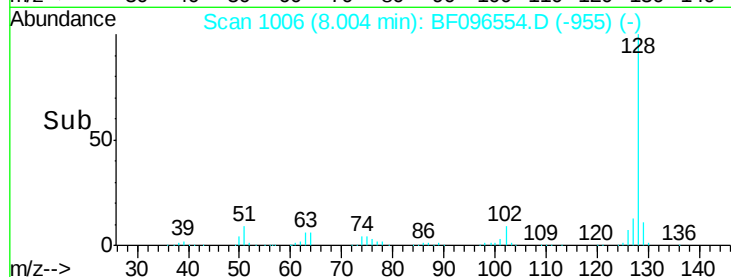
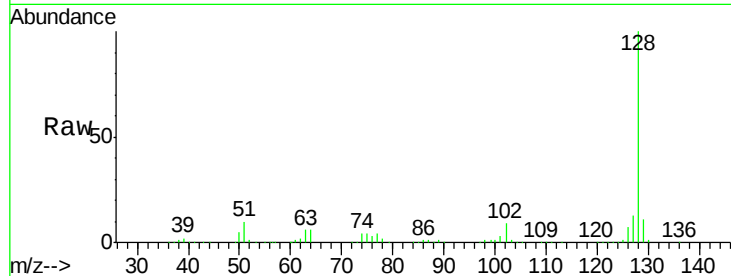
#31
Naphthalene
Concen: 40.746 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	954492		
129	11.0	9.0	13.6	
127	13.3	10.8	16.2	

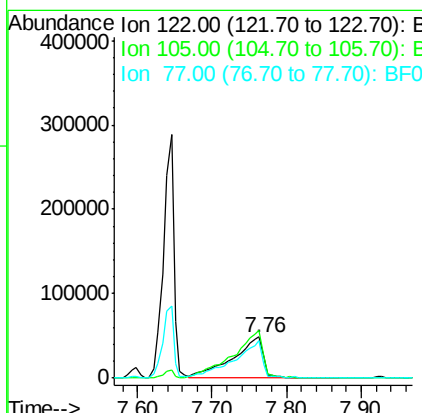
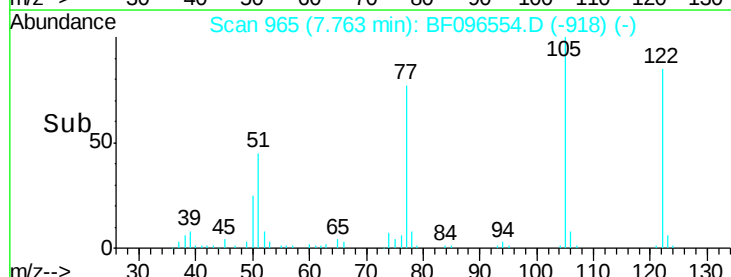
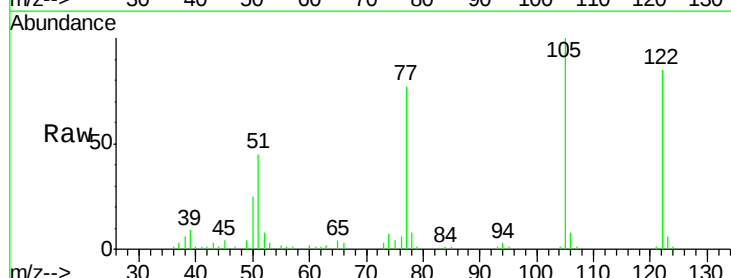
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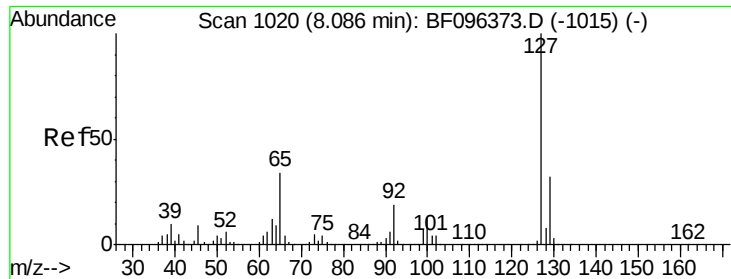
mohammad
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#32
Benzoic acid
Concen: 21.184 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	138905		
105	117.4	103.3	143.3	
77	90.3	73.7	113.7	





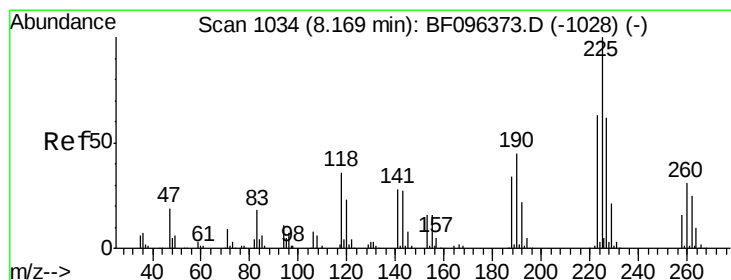
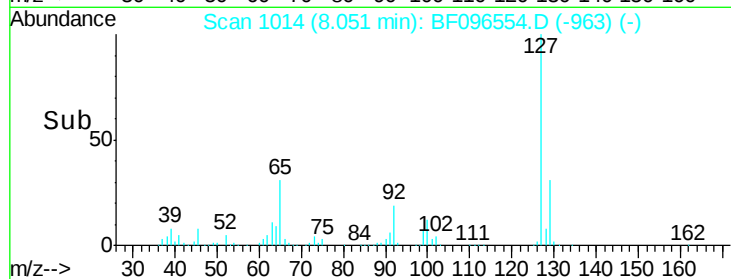
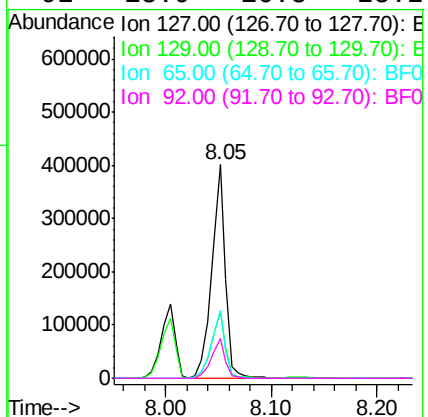
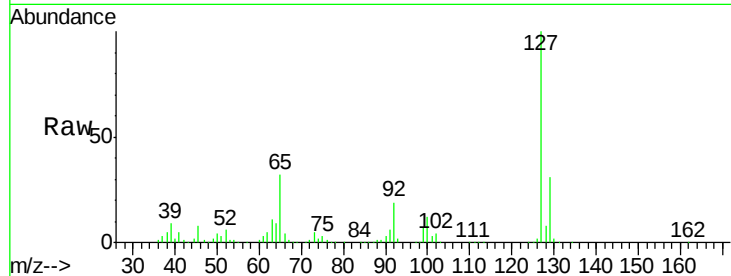
#33
4-Chloroaniline
Concen: 37.792 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	367719		
129	31.0	26.2	39.2	
65	31.8	27.8	41.8	
92	18.9	16.8	25.2	

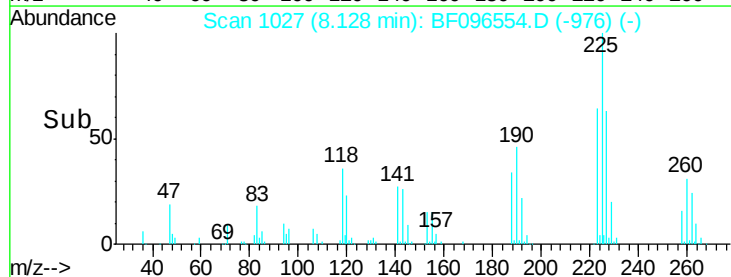
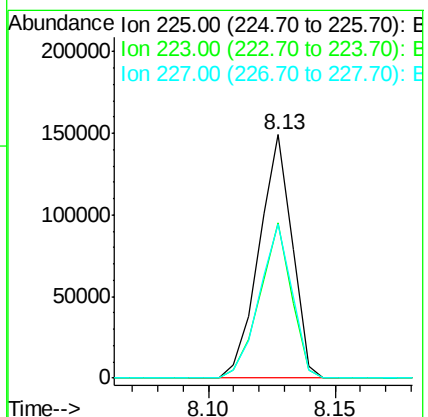
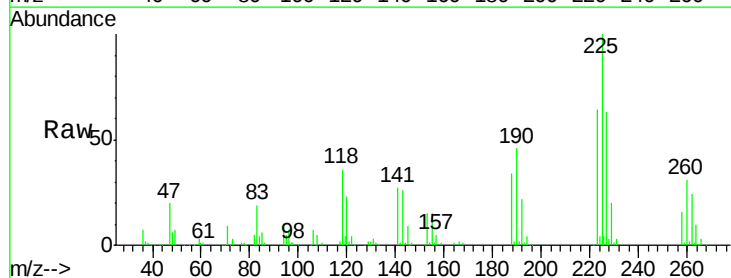
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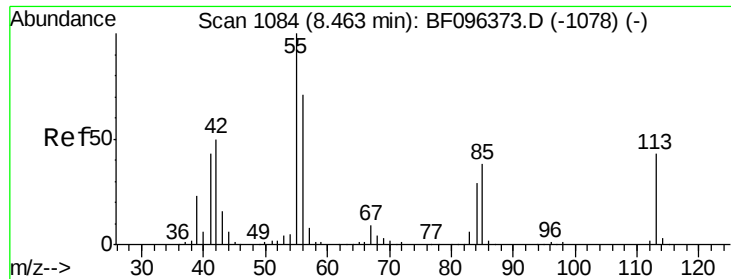
mohammad
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#34
Hexachlorobutadiene
Concen: 41.456 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135108		
223	63.9	48.8	73.2	
227	63.0	51.1	76.7	





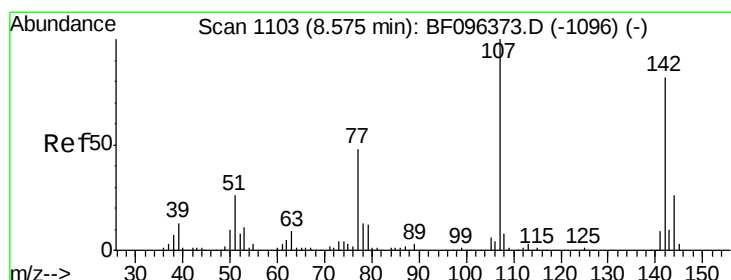
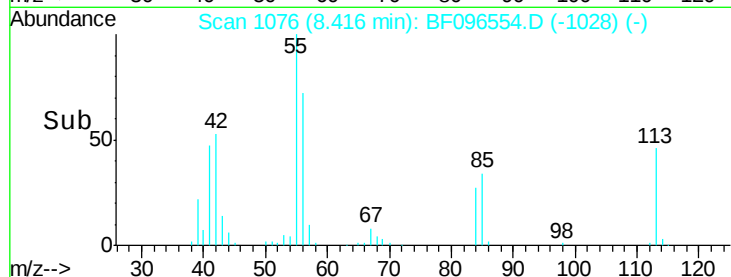
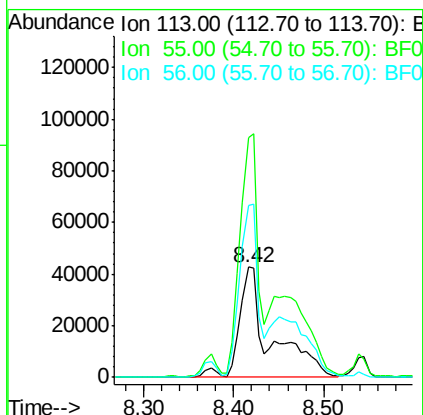
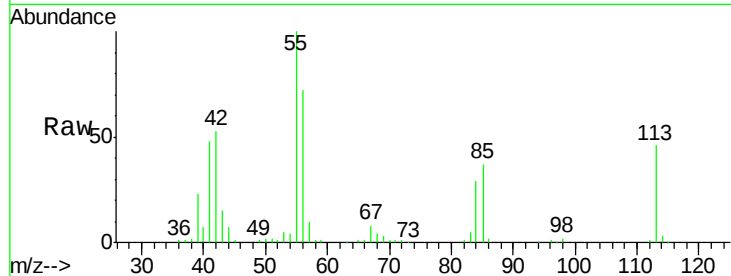
#35
 Caprolactam
 Concen: 44.085 ng m
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion:113 Resp: 102401
 Ion Ratio Lower Upper
 113 100
 55 217.0 150.2 190.2#
 56 155.8 107.8 147.8#

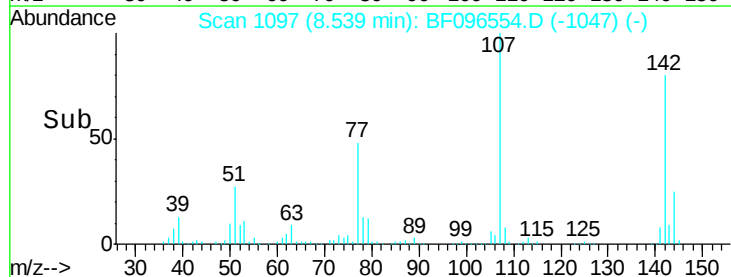
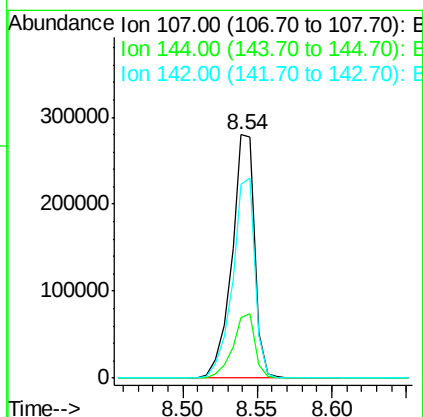
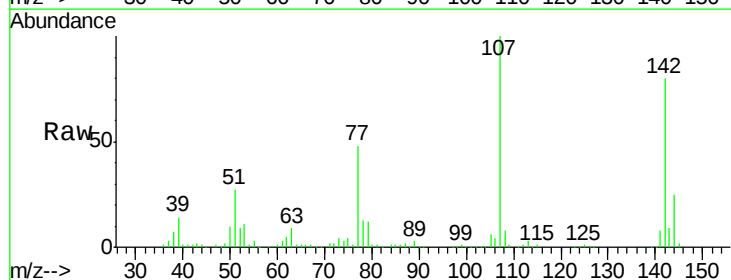
Manual Integrations
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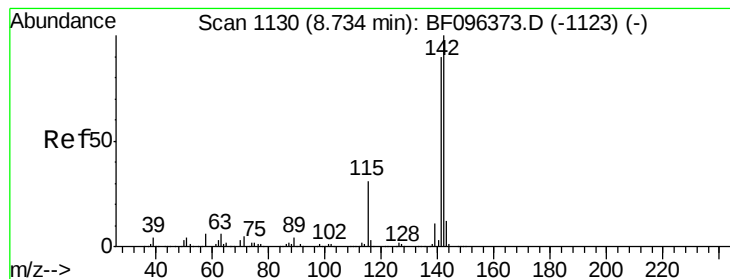
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.406 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:107 Resp: 301164
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 79.8 73.4 110.0





#37

2-Methylnaphthalene

Concen: 43.676 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

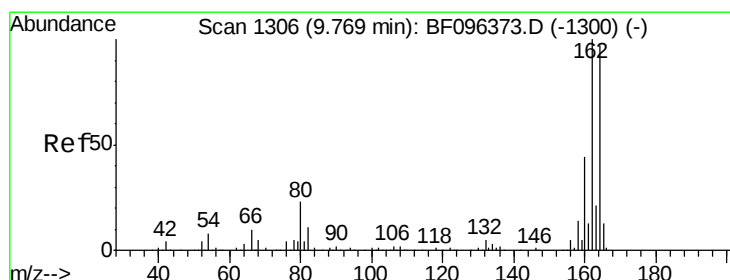
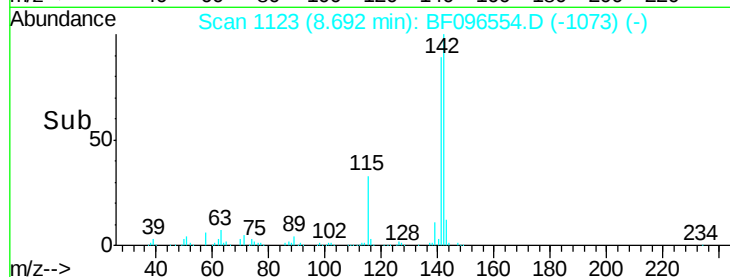
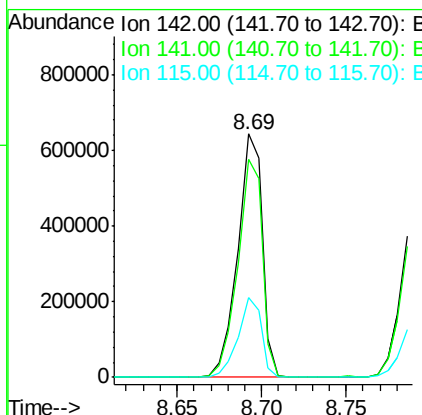
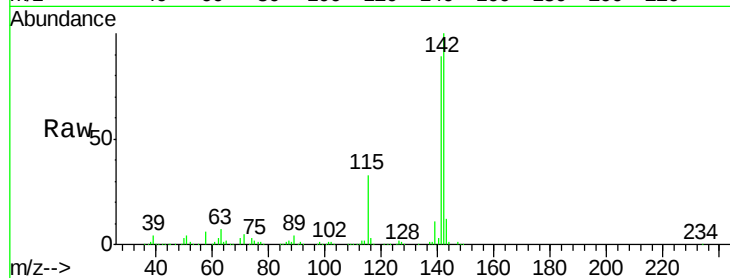
ClientSampleId :

PET-BF001-01MS

Tgt Ion:	142	Resp:	651281
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.3	106.9
115	32.6	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.000 ng

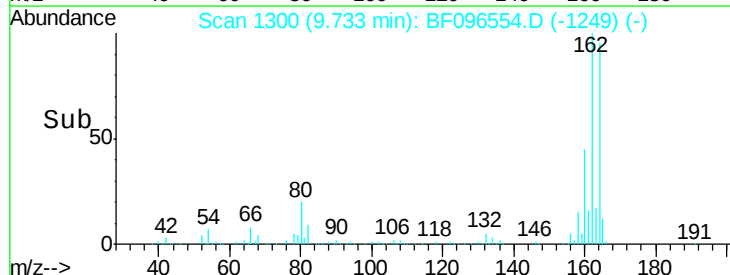
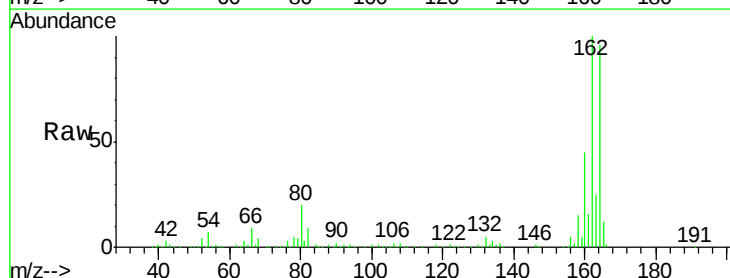
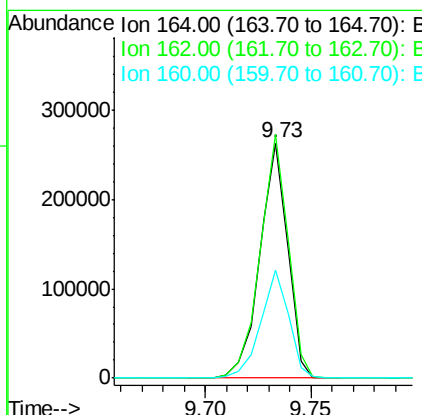
RT: 9.73 min Scan# 1300

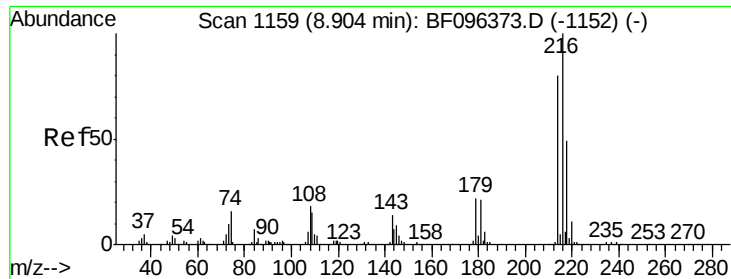
Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	164	Resp:	241175
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.6	123.8
160	46.2	36.2	54.2





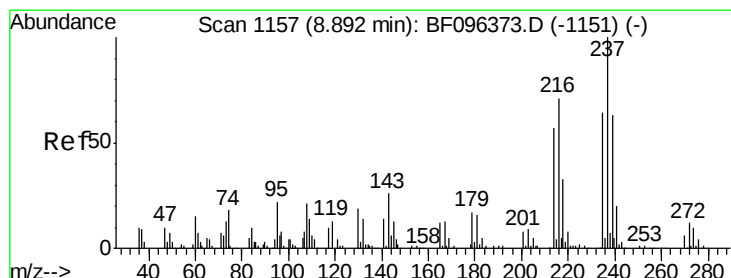
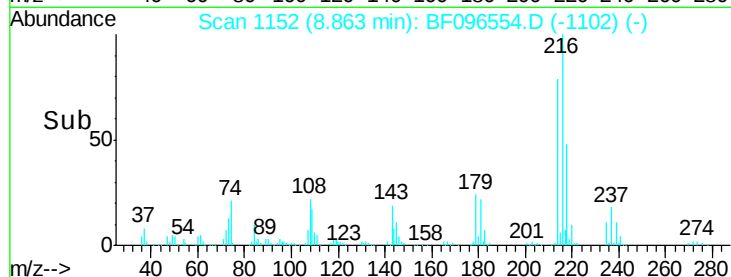
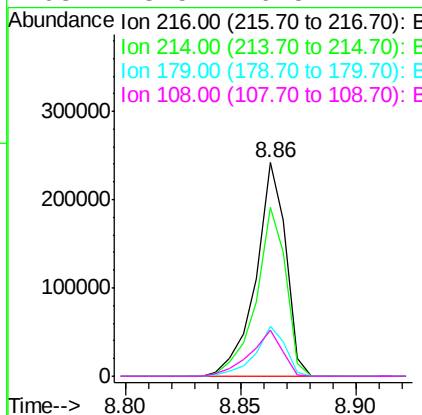
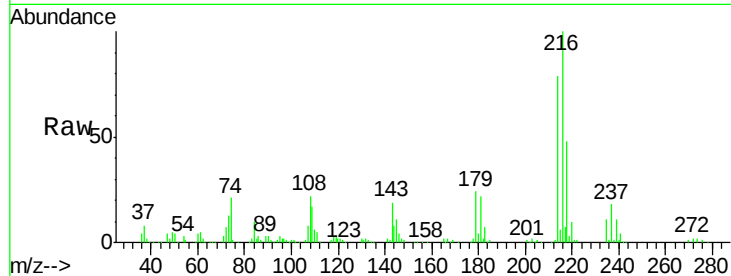
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.019 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	219293		
214	78.9	63.4	95.2	
179	22.9	17.9	26.9	
108	23.5	16.5	24.7	

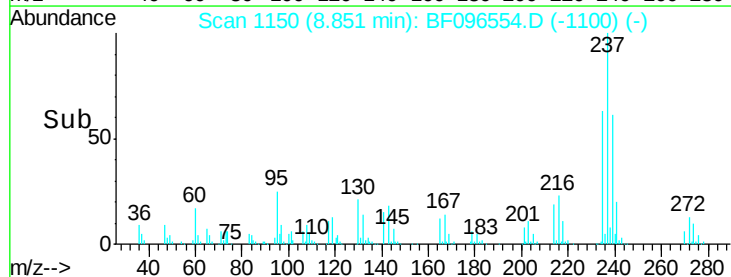
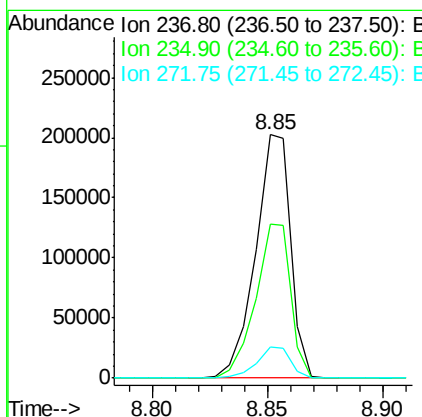
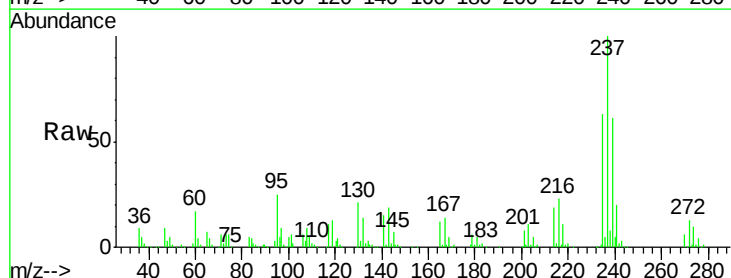
Manual Integrations
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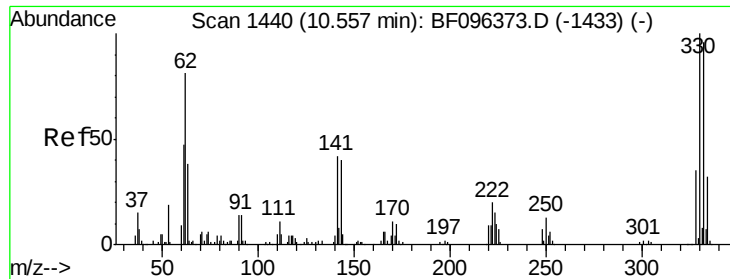
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 70.525 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	214740		
235	63.3	42.6	82.6	
272	12.9	0.0	31.9	





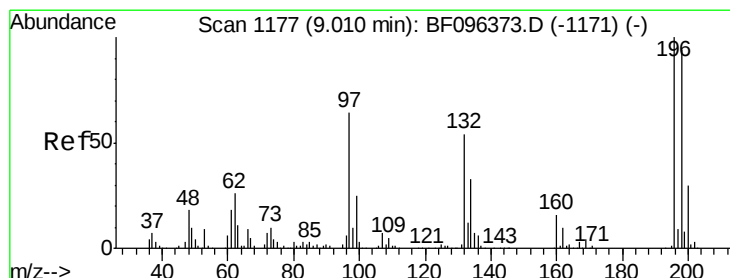
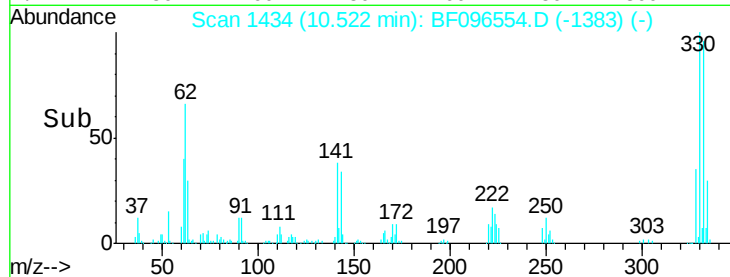
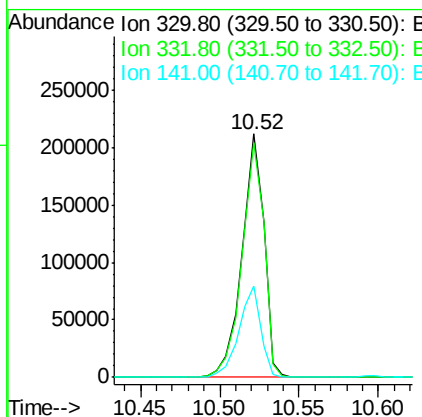
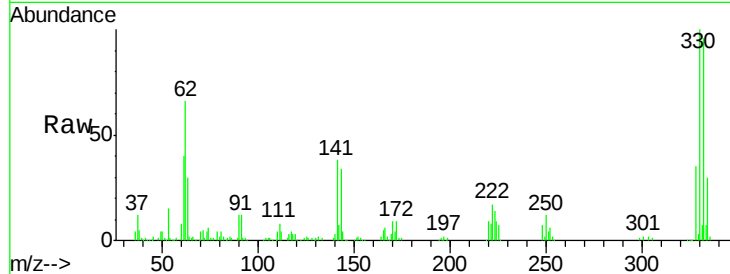
#41
 2,4,6-Tribromophenol
 Concen: 108.200 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	203835		
332	96.8	76.6	115.0	
141	37.4	31.4	47.2	

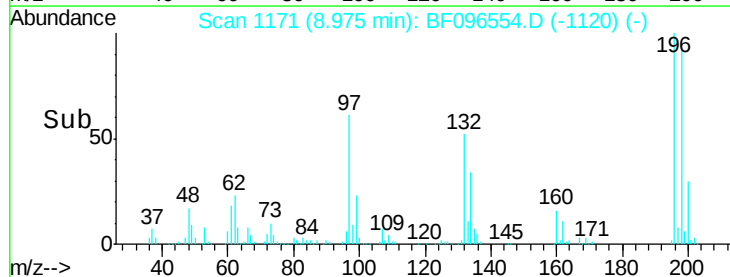
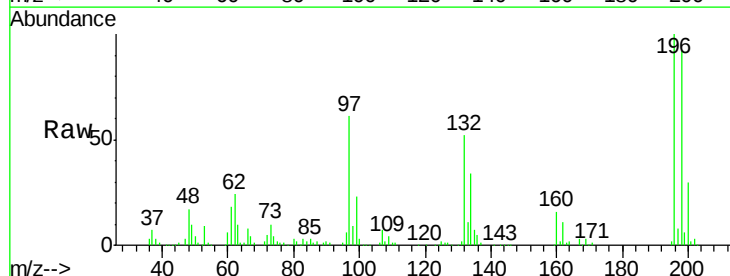
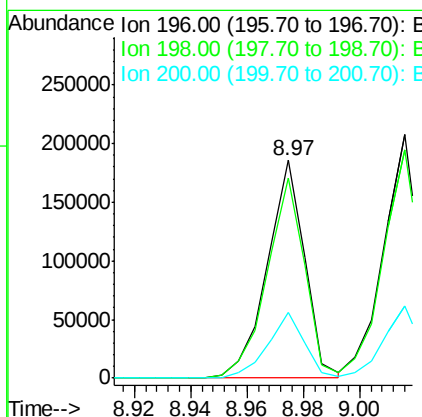
Manual Integrations
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 7/10/2017 2:22:10 PM



#42
 2,4,6-Trichlorophenol
 Concen: 34.533 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171071		
198	91.9	74.2	111.4	
200	30.0	24.0	36.0	





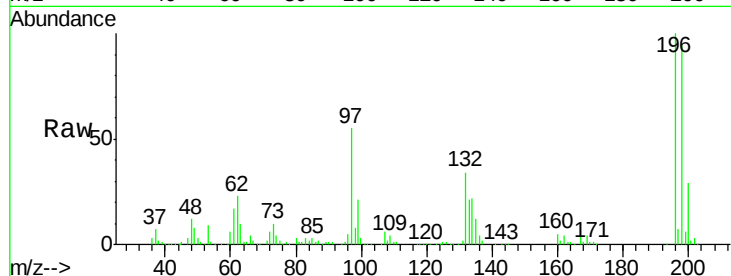
#43
 2,4,5-Trichlorophenol
 Concen: 38.352 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

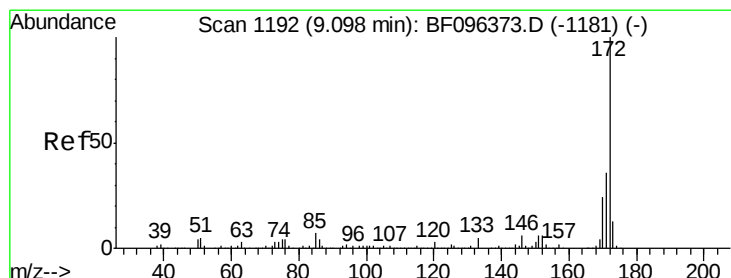
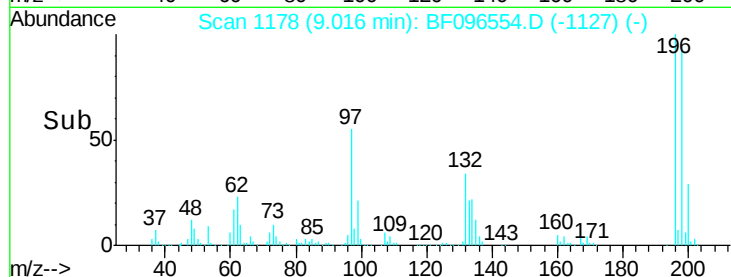
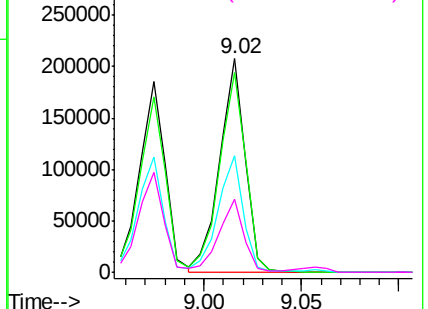
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187852		
198	93.6	75.7	113.5	
97	54.8	47.7	71.5	
132	34.4	28.0	42.0	

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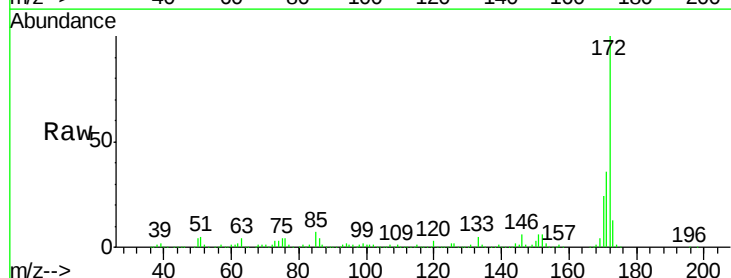


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

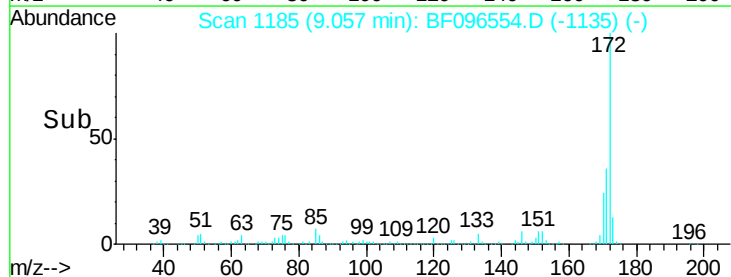
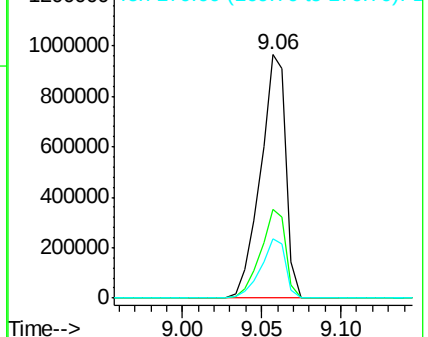


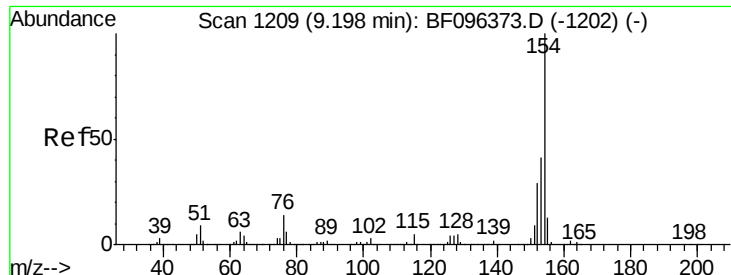
#44
 2-Fluorobiphenyl
 Concen: 76.749 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1082603		
171	36.4	29.6	44.4	
170	24.4	19.8	29.8	



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





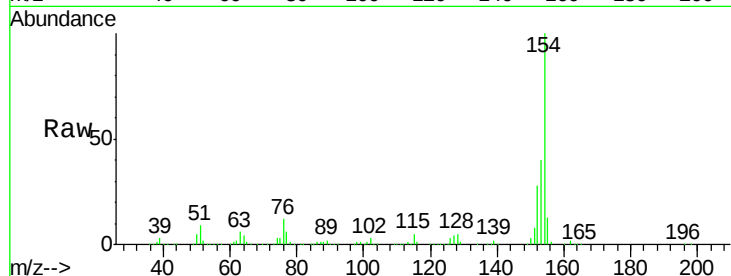
#45
 1,1'-Biphenyl
 Concen: 34.185 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

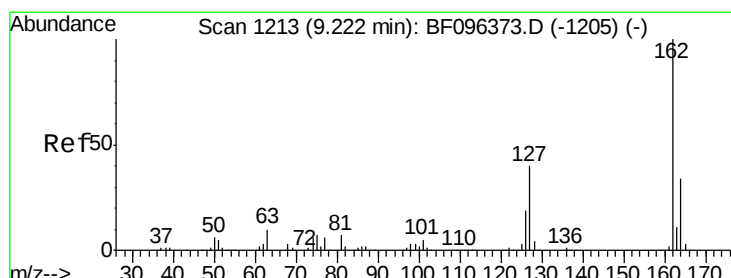
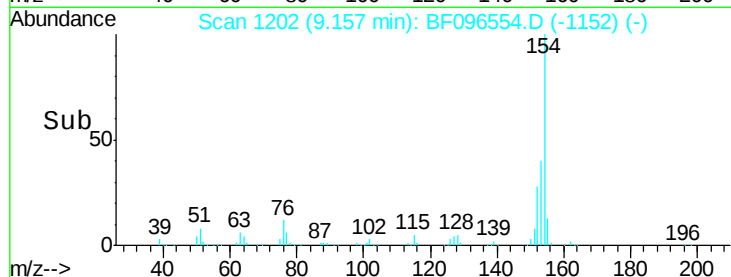
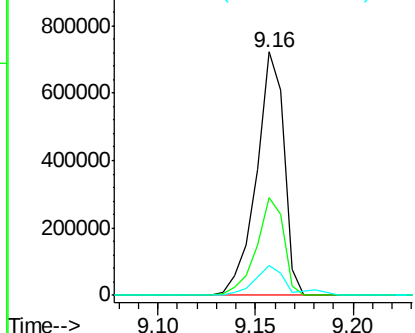
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.1	21.2	61.2
76	12.4	0.0	29.9

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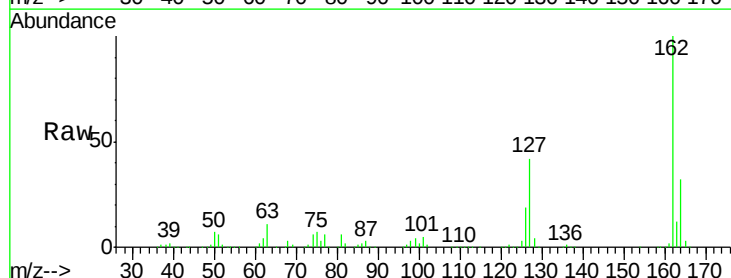


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

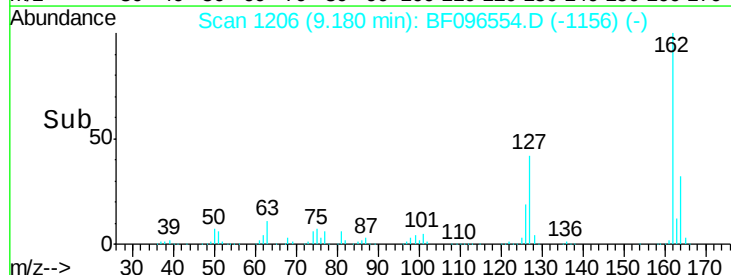
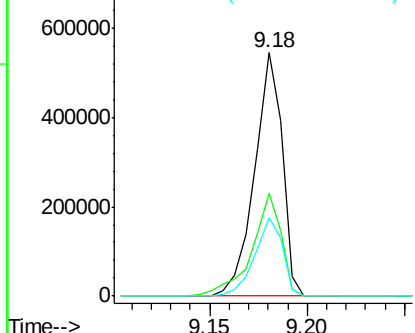


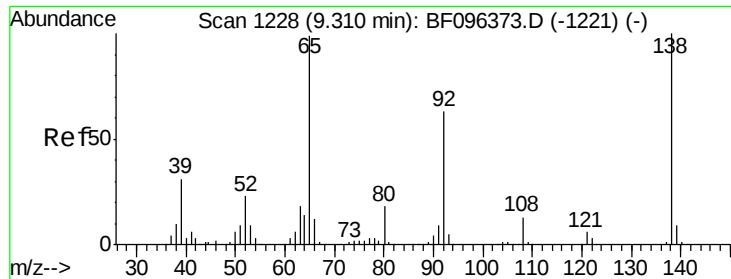
#46
 2-Chloronaphthalene
 Concen: 34.676 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	42.0	28.3	42.5
164	32.3	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





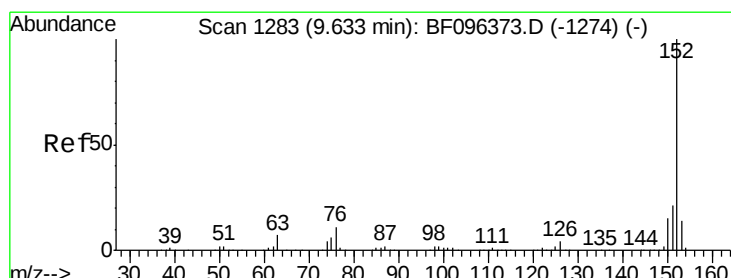
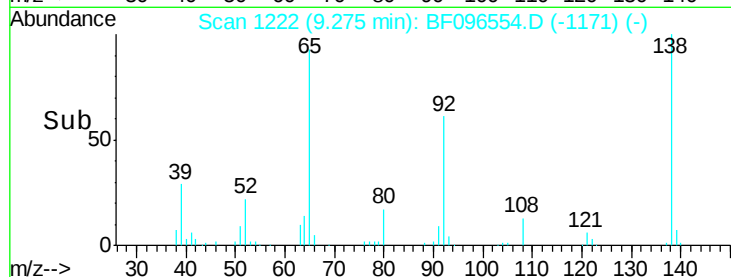
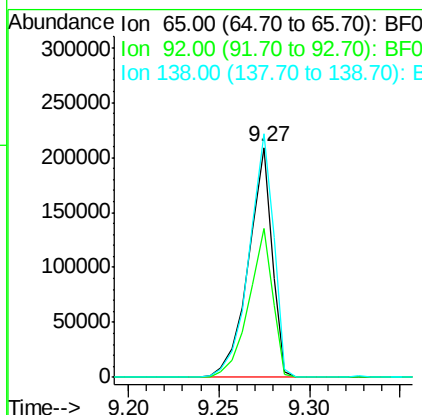
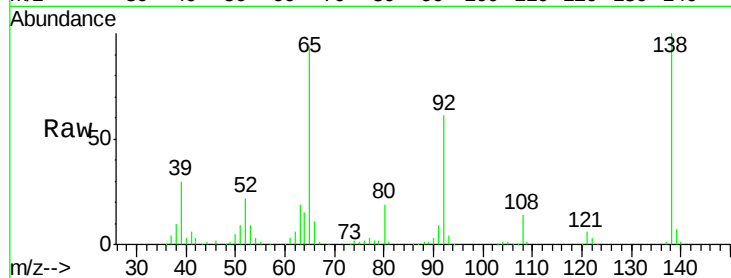
#47
2-Nitroaniline
Concen: 33.972 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	106.0	78.8	118.2

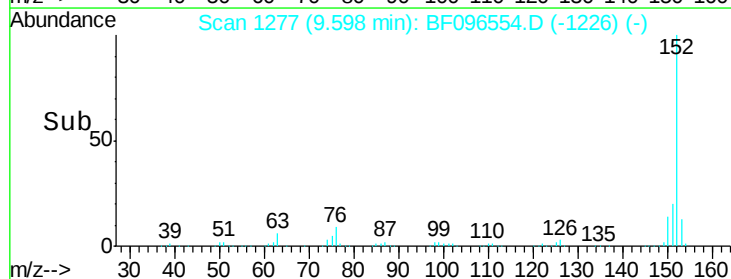
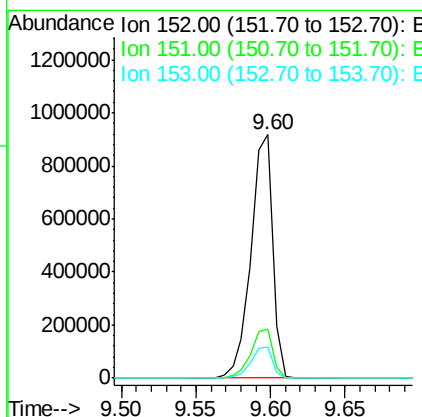
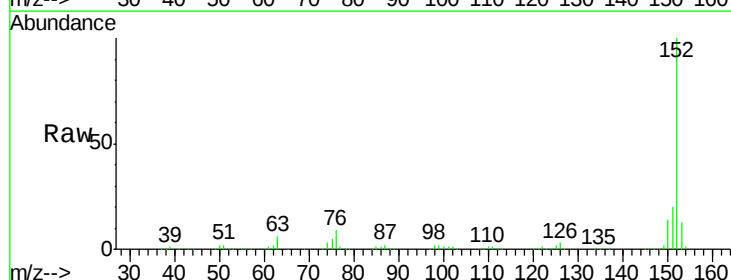
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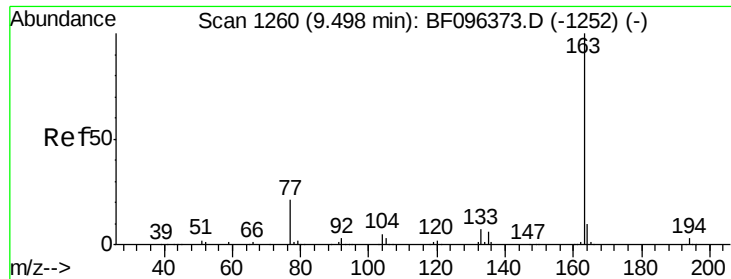
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#48
Acenaphthylene
Concen: 37.656 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	12.8	10.8	16.2





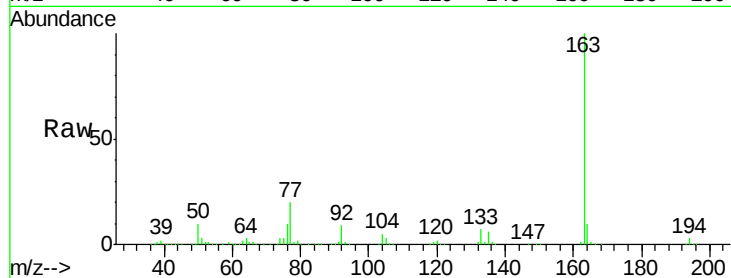
#49
Dimethylphthalate
Concen: 39.355 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

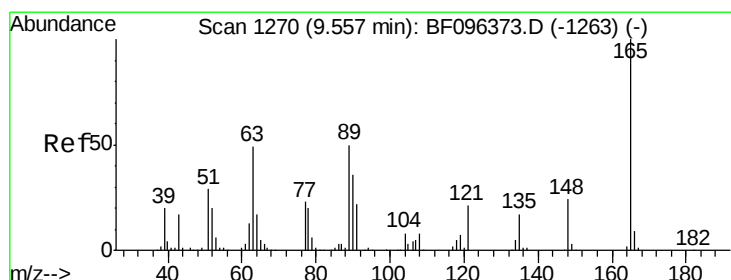
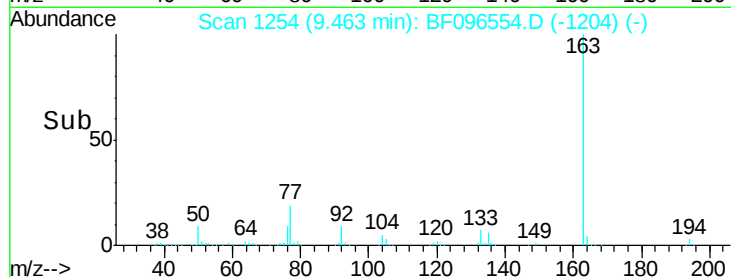
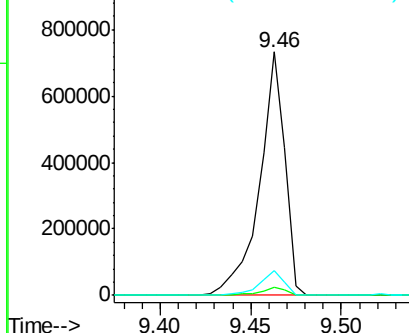
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.4	12.6

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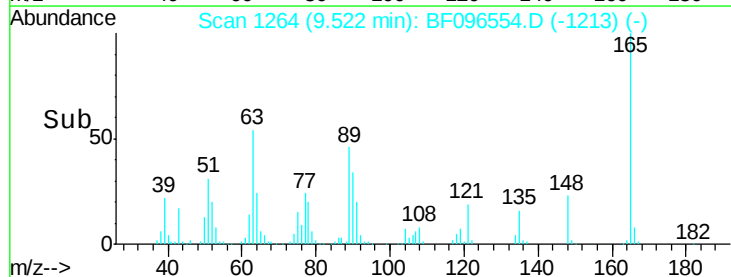
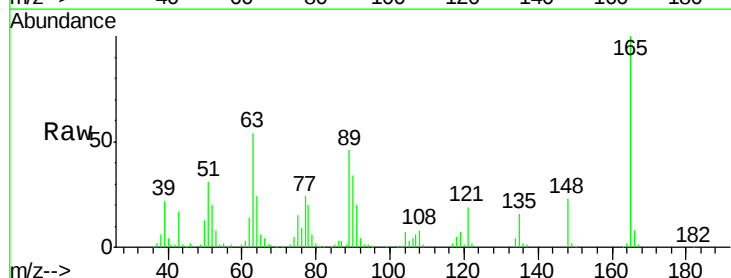
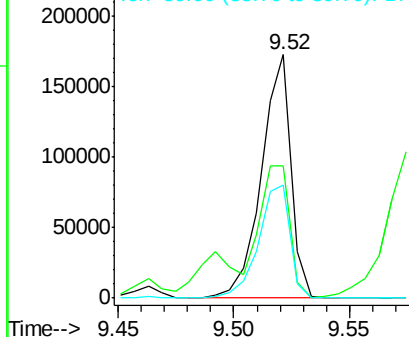
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

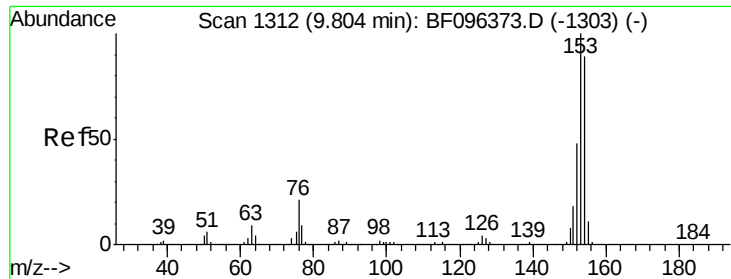


#50
2,6-Dinitrotoluene
Concen: 38.677 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.2	34.3	51.5#
89	46.4	37.1	55.7

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





#51

Acenaphthene

Concen: 34.680 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

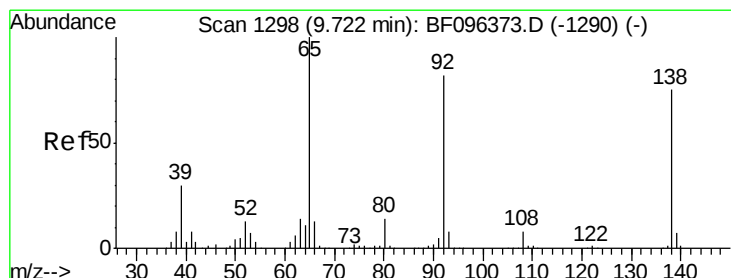
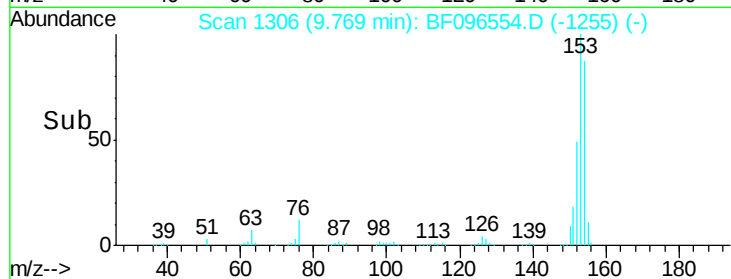
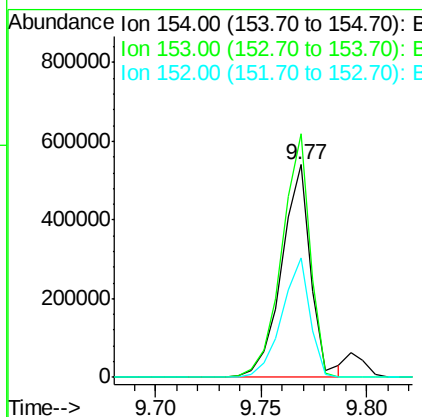
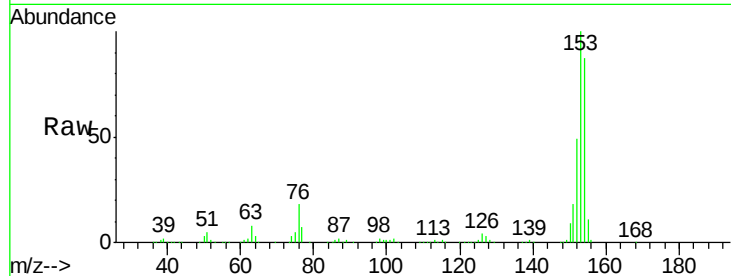
ClientSampleId :

PET-BF001-01MS

Tgt Ion:	154	Resp:	521637
Ion Ratio	Lower	Upper	
154	100		
153	114.7	90.5	135.7
152	56.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 32.921 ng

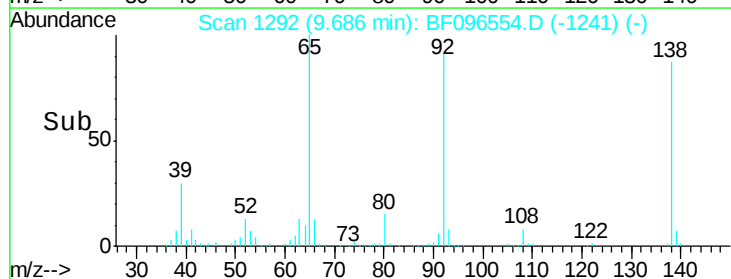
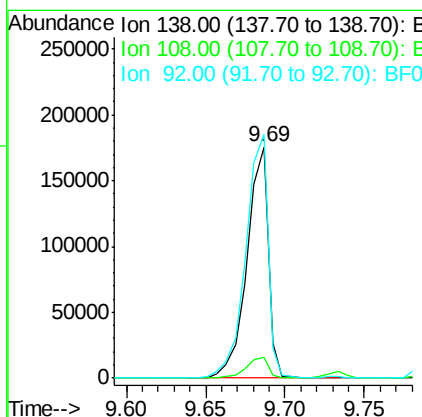
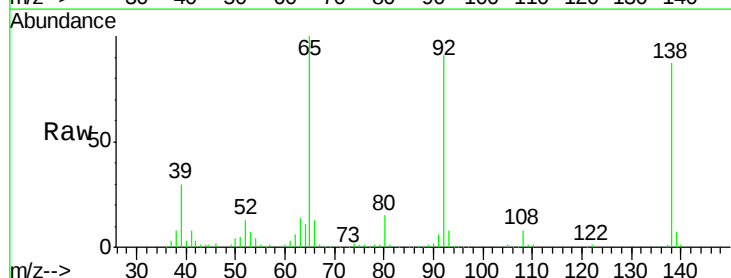
RT: 9.69 min Scan# 1292

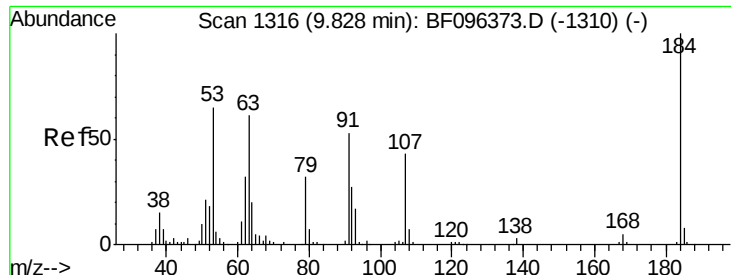
Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	138	Resp:	163479
Ion Ratio	Lower	Upper	
138	100		
108	8.8	9.1	13.7#
92	105.3	93.8	140.6





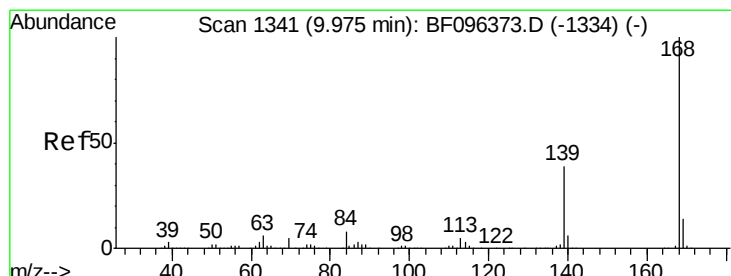
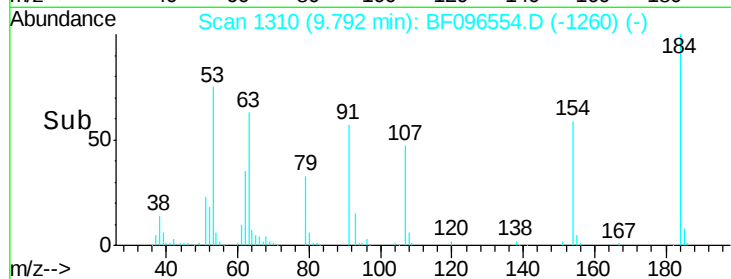
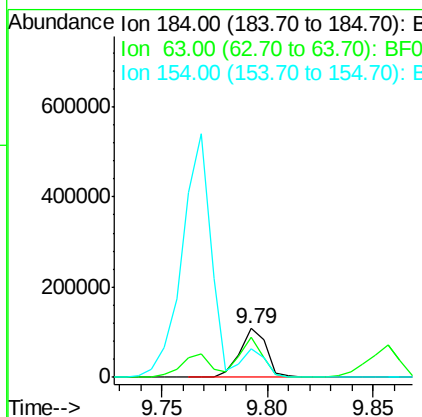
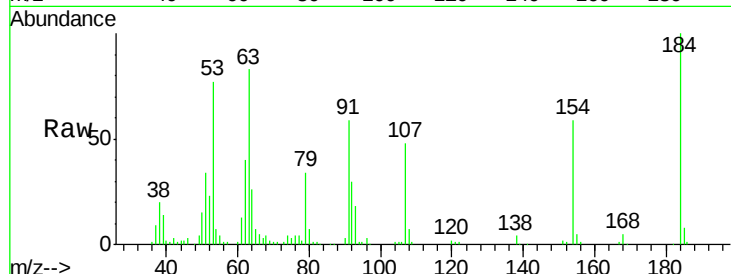
#53
2,4-Dinitrophenol
Concen: 45.237 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion:184 Resp: 95660
Ion Ratio Lower Upper
184 100
63 83.4 62.7 94.1
154 59.4 81.1 121.7#

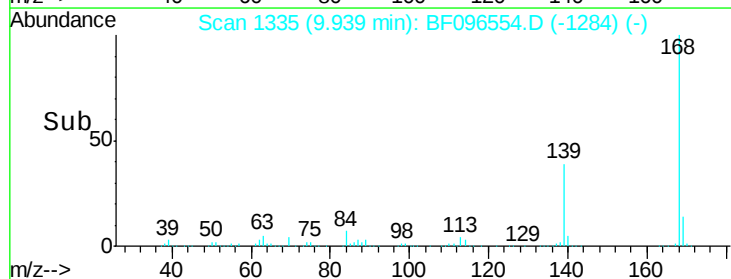
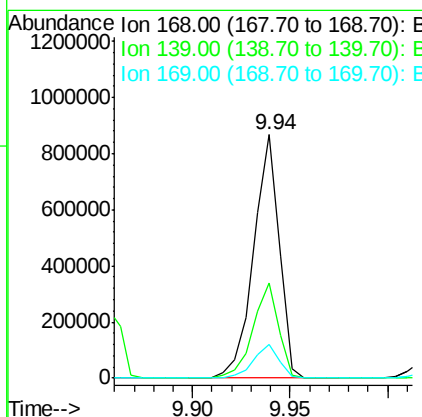
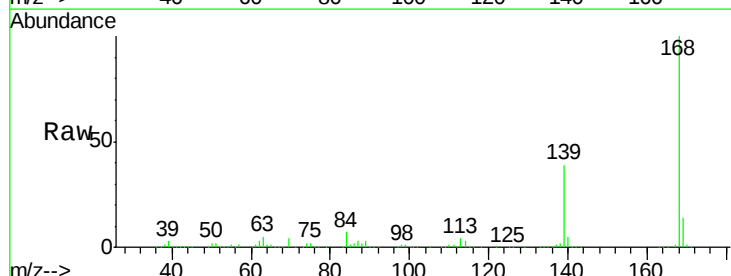
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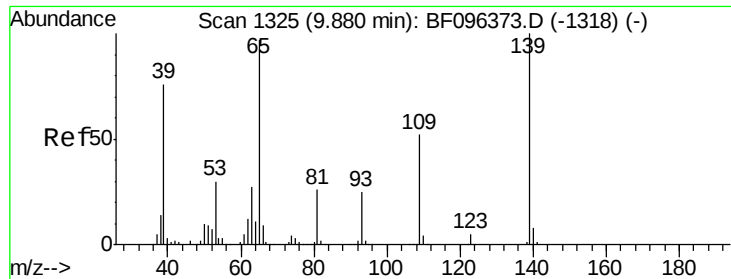
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#54
Dibenzofuran
Concen: 39.705 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion:168 Resp: 788485
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 13.6 10.8 16.2





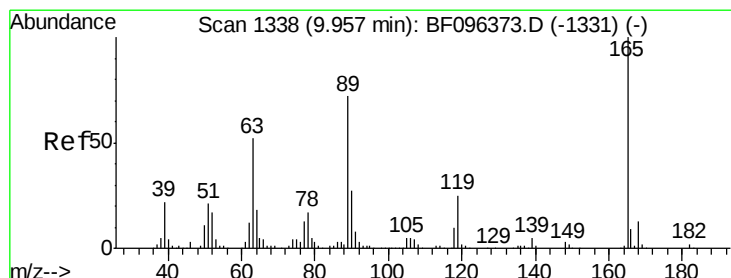
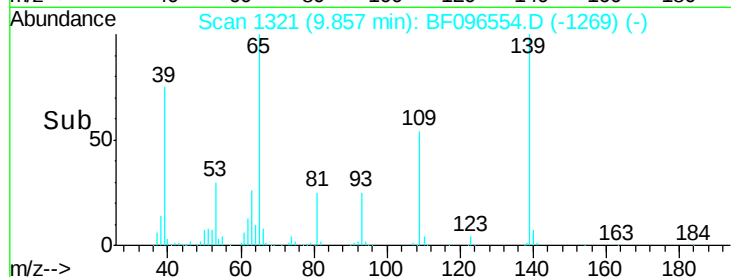
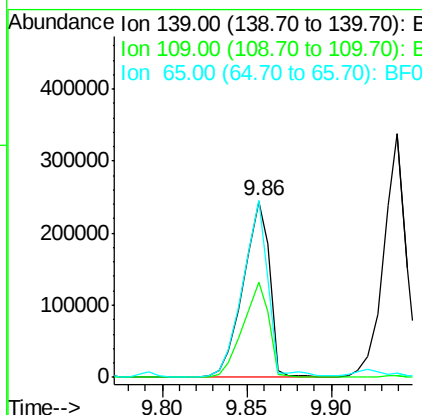
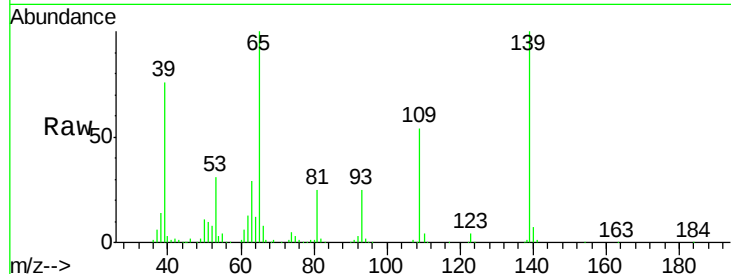
#55
4-Nitrophenol
Concen: 65.296 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	268748		
109	54.0	34.1	74.1	
65	100.4	31.4	71.4#	

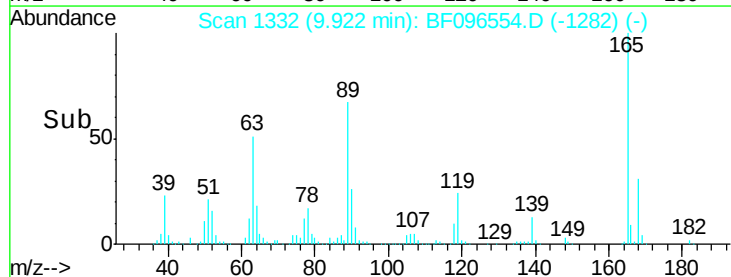
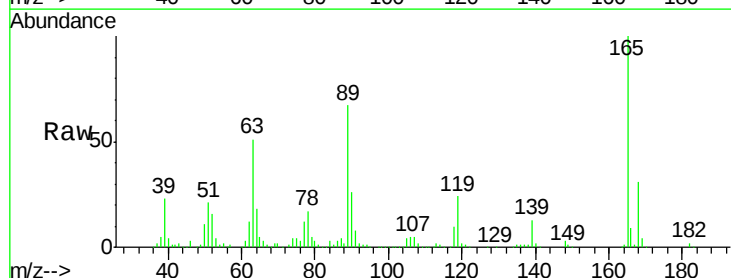
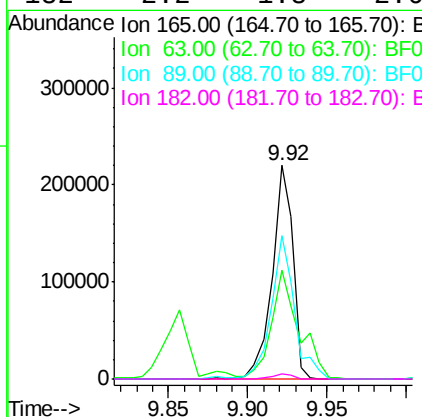
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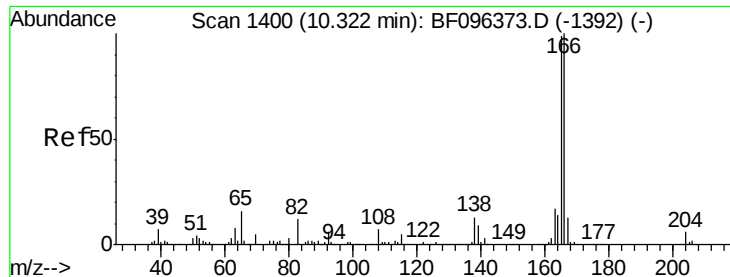
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#56
2,4-Dinitrotoluene
Concen: 39.839 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200861		
63	51.0	25.4	38.0#	
89	67.4	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 40.519 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

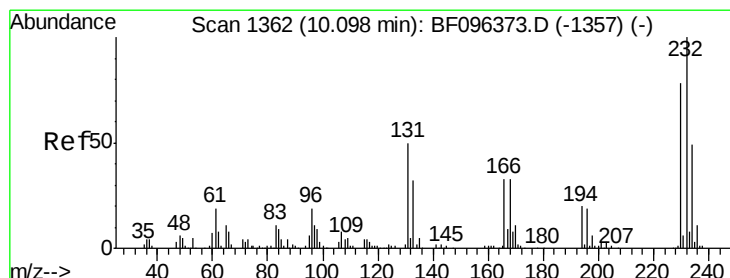
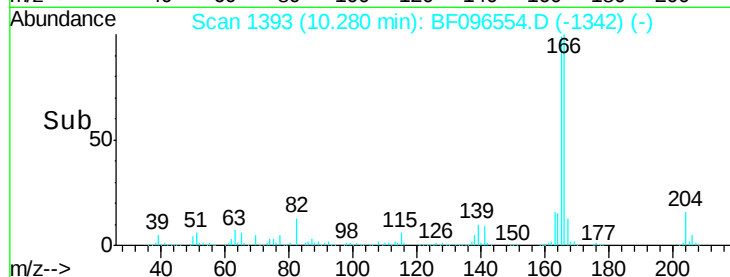
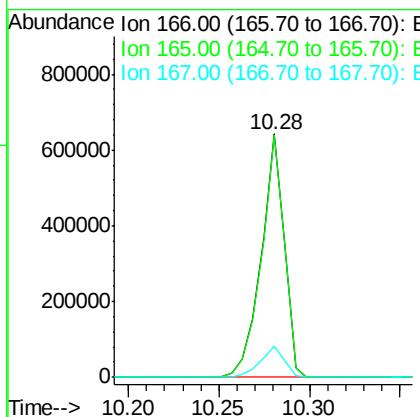
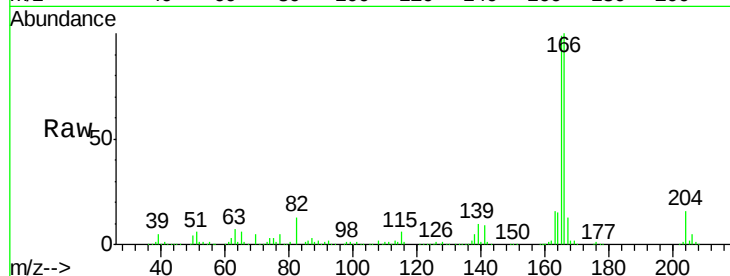
ClientSampleId :

PET-BF001-01MS

Tgt Ion:	166	Resp:	568297
Ion Ratio		Lower	Upper
166	100		
165	99.3	78.8	118.2
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.893 ng

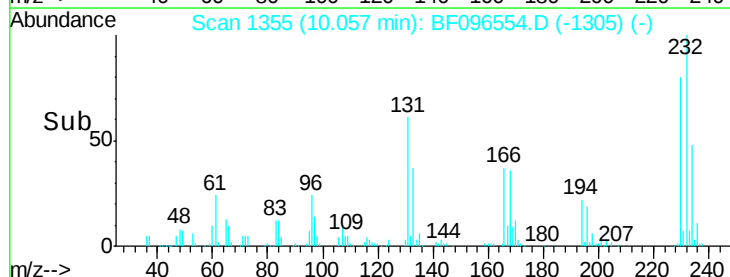
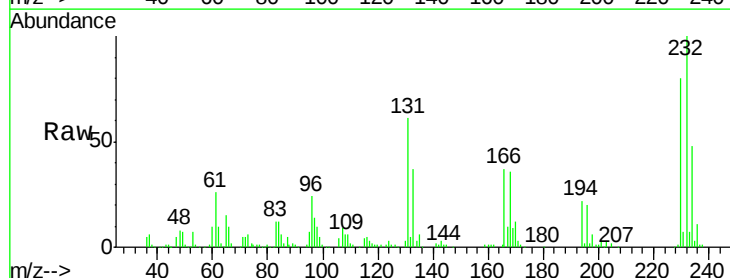
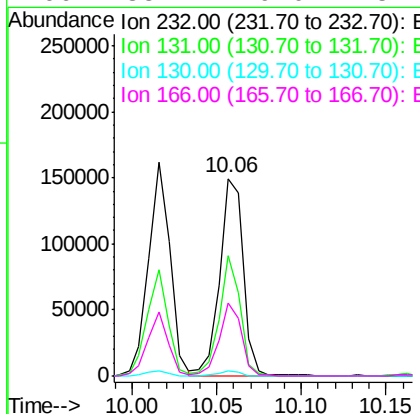
RT: 10.06 min Scan# 1355

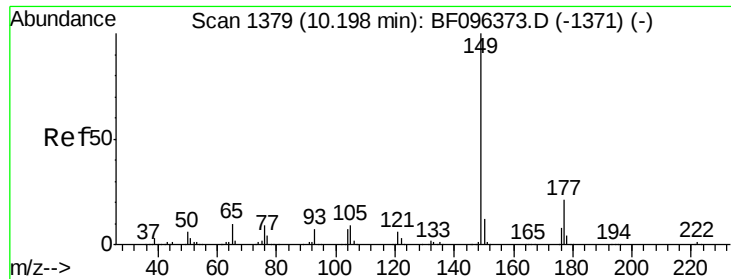
Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	232	Resp:	145356
Ion Ratio		Lower	Upper
232	100		
131	54.4	44.8	67.2
130	2.4	2.3	3.5
166	35.1	29.0	43.4





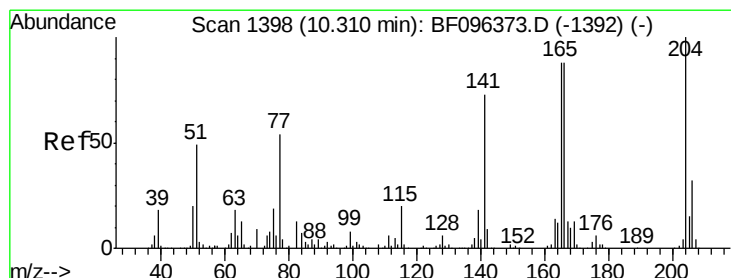
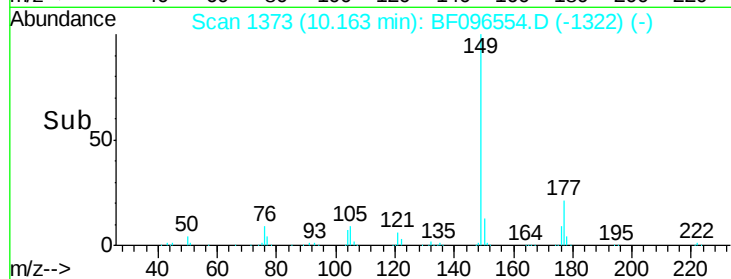
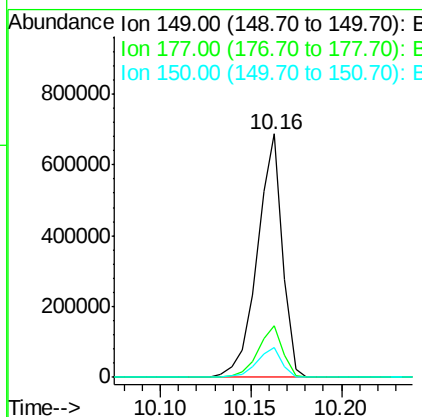
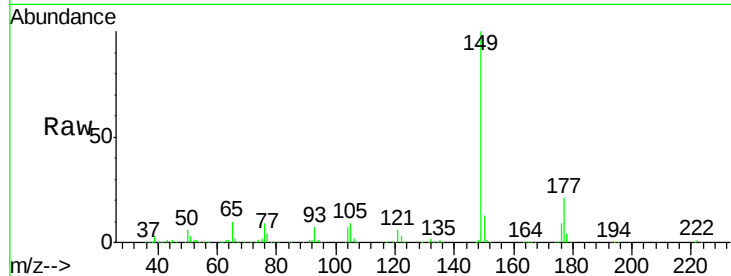
#59
Diethylphthalate
Concen: 38.649 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.5	10.2	15.2

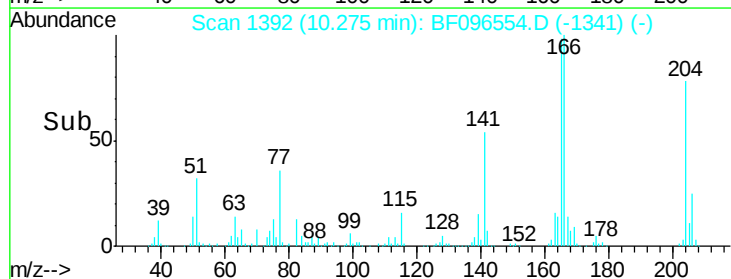
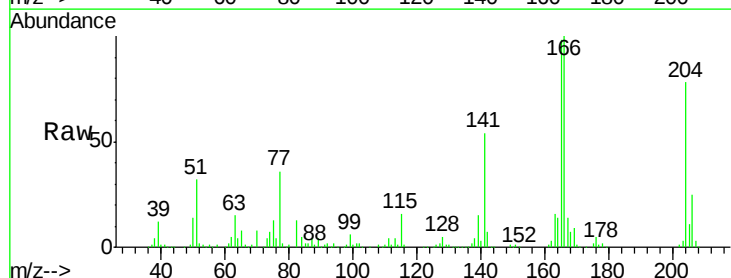
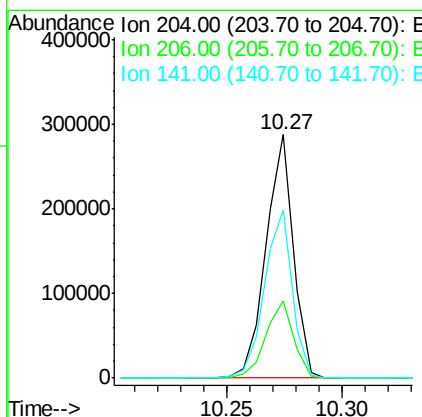
Manual Integrations
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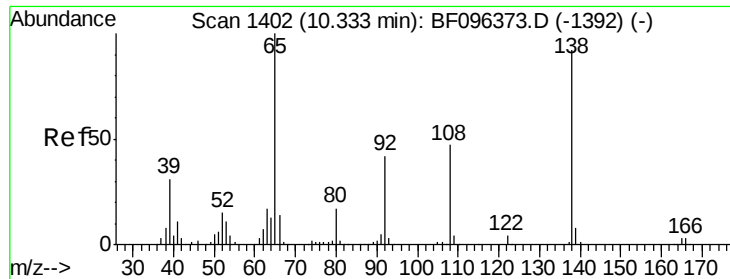
mohammad
7/10/2017 2:22:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.771 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.2	39.2
141	68.9	60.8	91.2





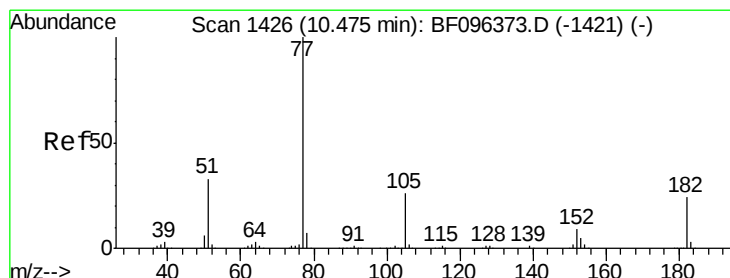
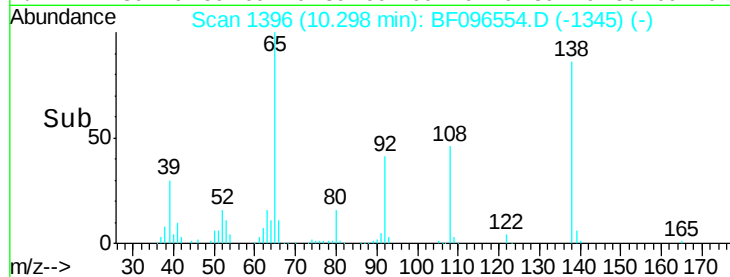
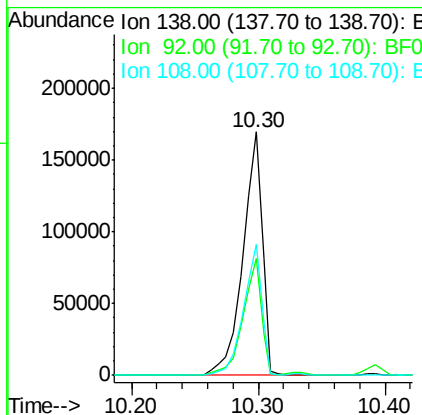
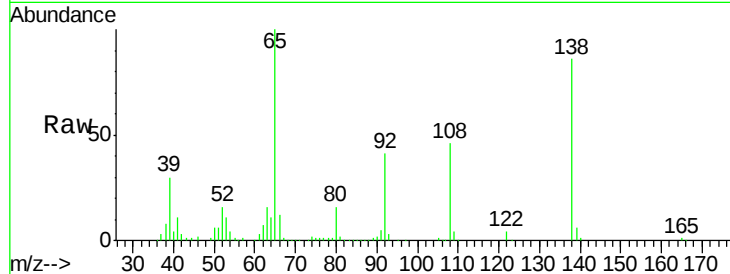
#61
4-Nitroaniline
Concen: 39.692 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	21.8	61.8
108	53.9	42.3	82.3

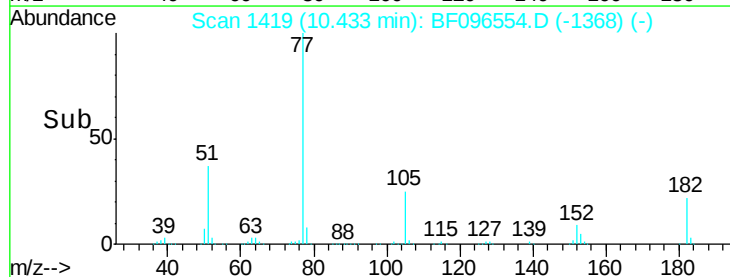
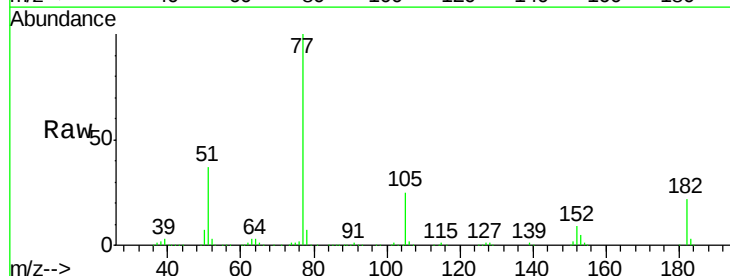
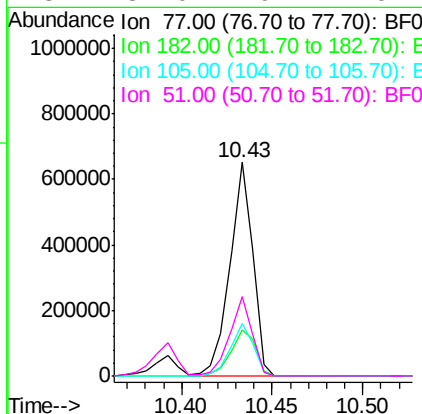
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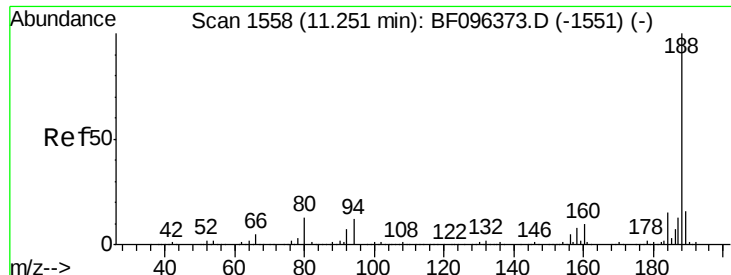
mohammad
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#62
Azobenzene
Concen: 35.166 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	0.1	40.1
105	24.7	3.6	43.6
51	37.0	9.4	49.4





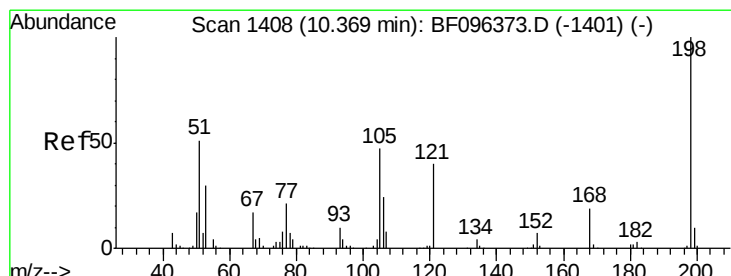
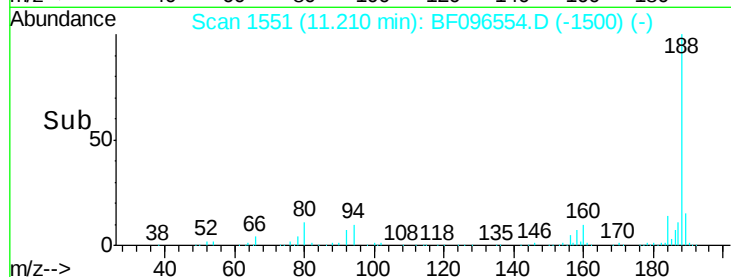
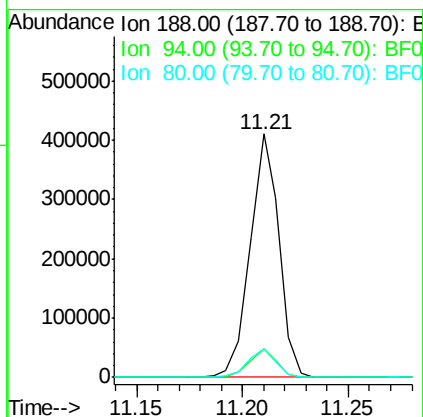
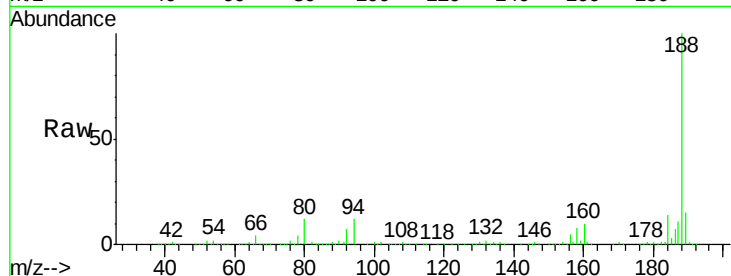
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	387755		
94	11.7		9.4	14.2
80	11.5		10.2	15.2

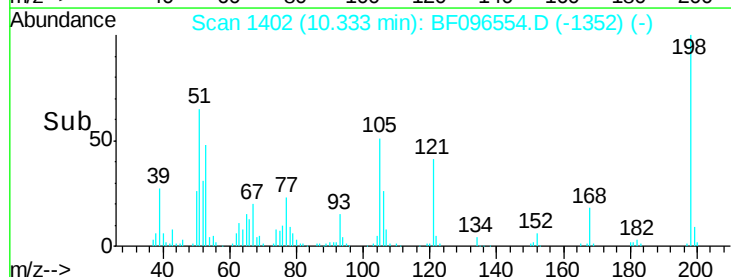
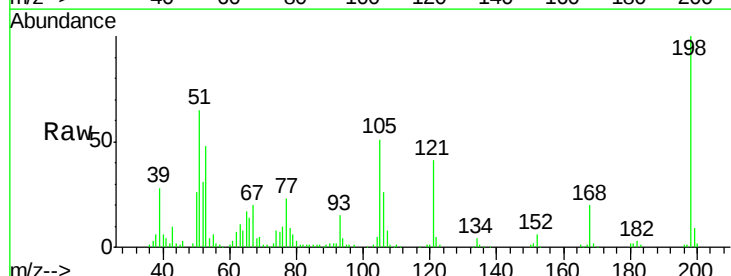
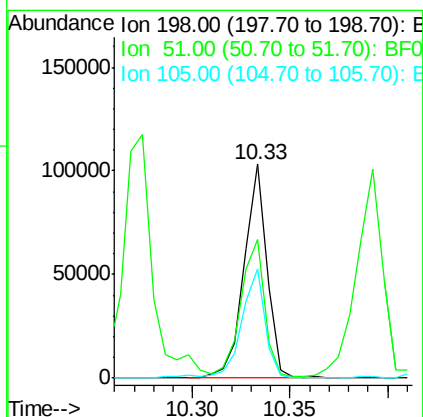
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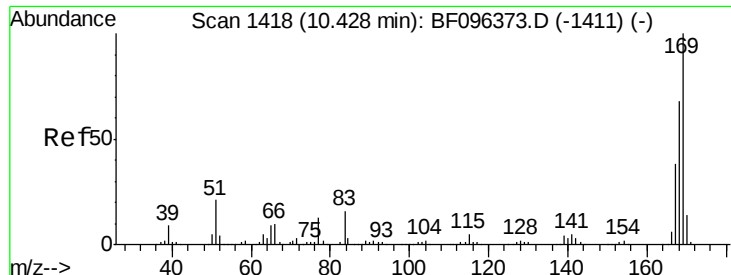
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.410 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	83996		
51	65.1		53.2	93.2
105	51.2		45.8	85.8





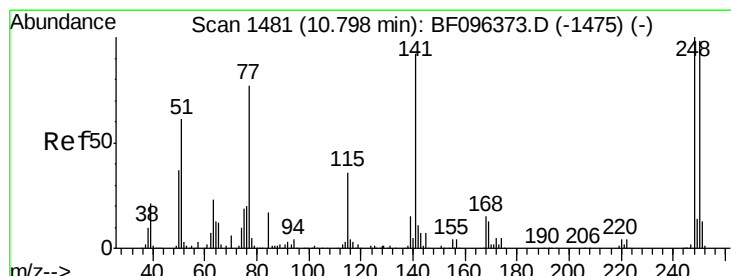
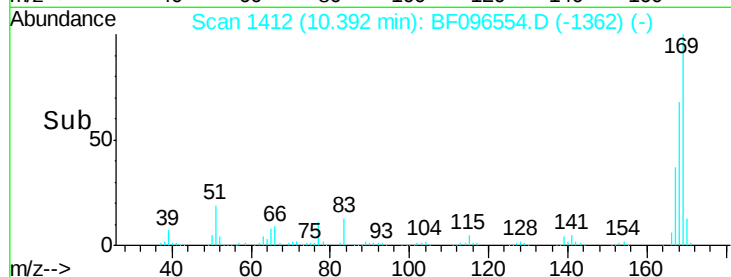
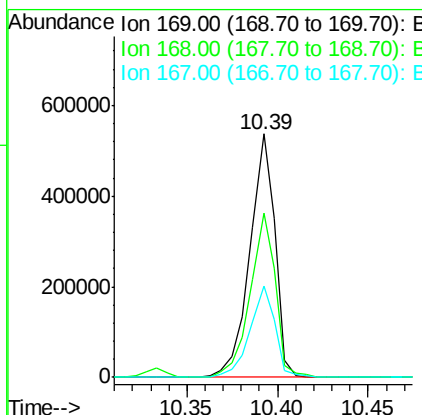
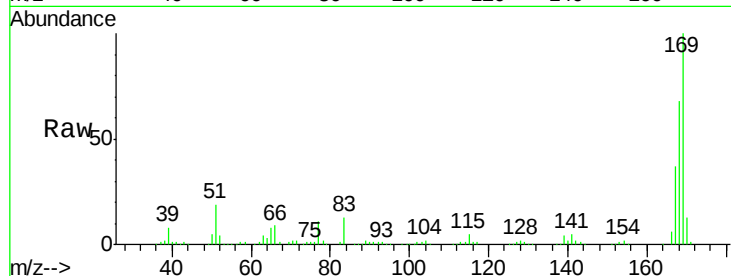
#65
 n-Nitrosodiphenylamine
 Concen: 37.888 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	515464		
168	67.7	53.2	79.8	
167	37.3	29.5	44.3	

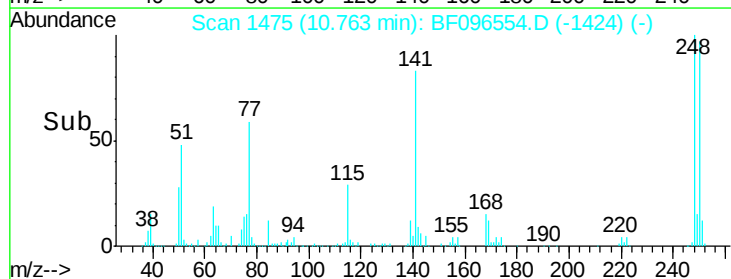
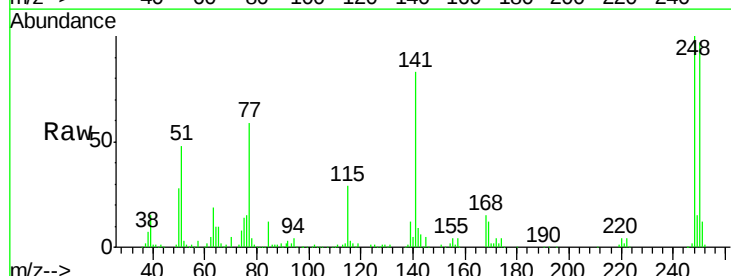
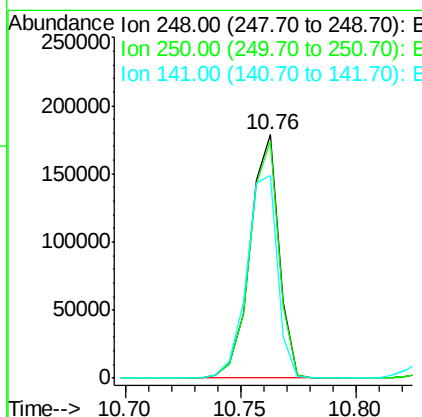
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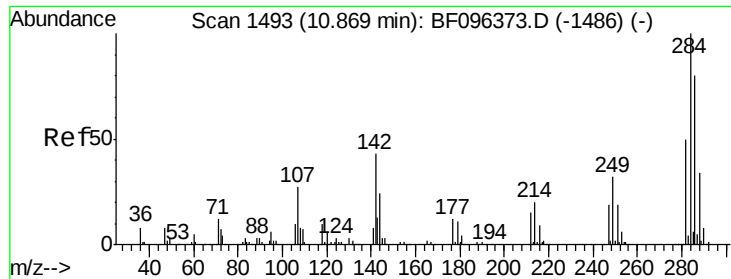
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 41.566 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	156896		
250	97.2	76.8	115.2	
141	83.1	68.6	103.0	





#67

Hexachlorobenzene

Concen: 38.672 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

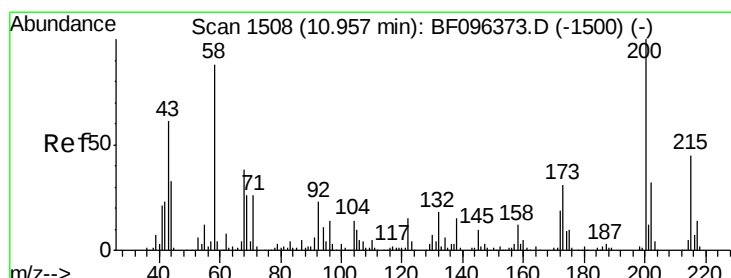
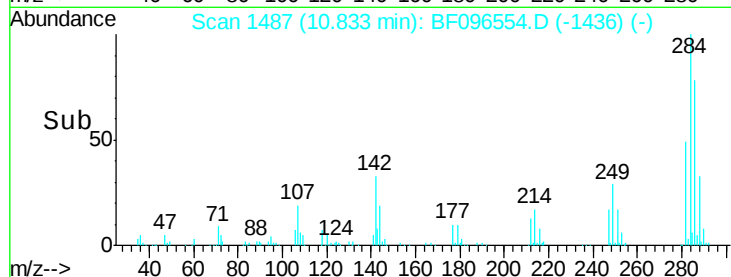
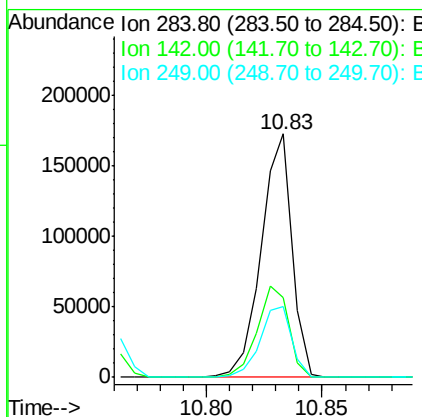
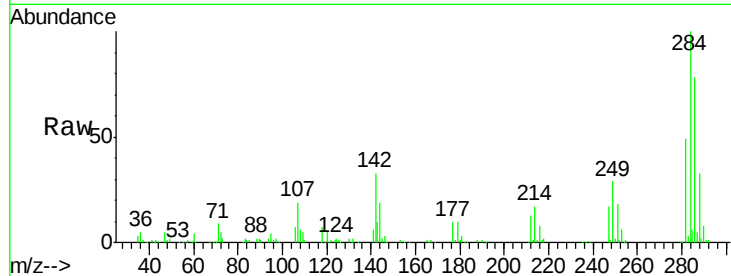
ClientSampleId :

PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	159793		
142	32.8	22.8	34.2	
249	29.0	24.0	36.0	

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#68

Atrazine

Concen: 41.999 ng

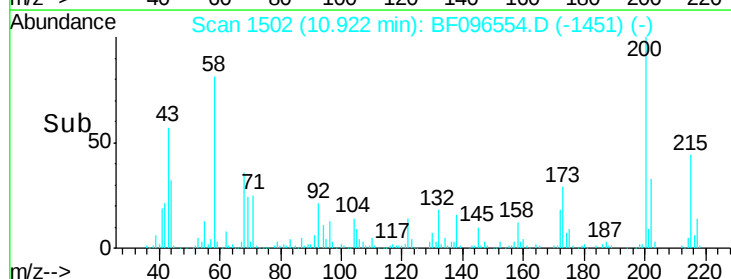
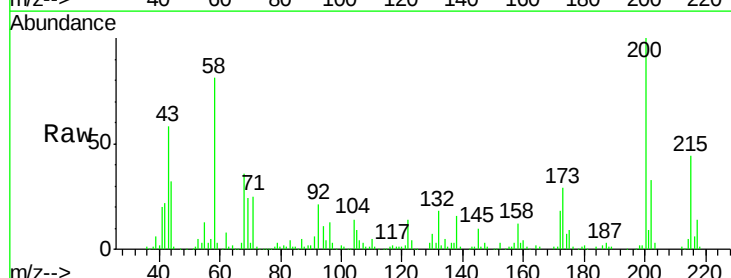
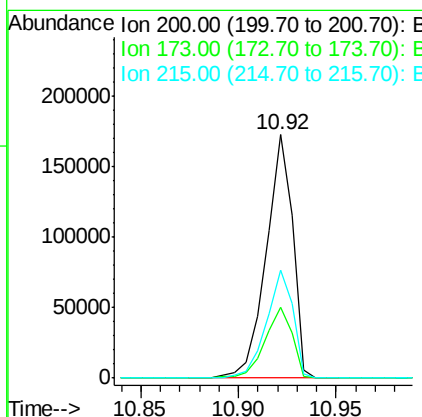
RT: 10.92 min Scan# 1502

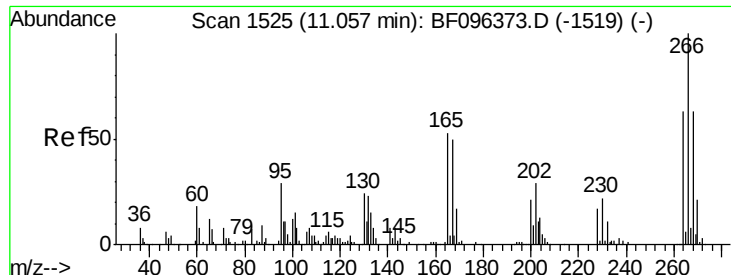
Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	163245		
173	28.9	6.3	46.3	
215	44.4	27.2	67.2	





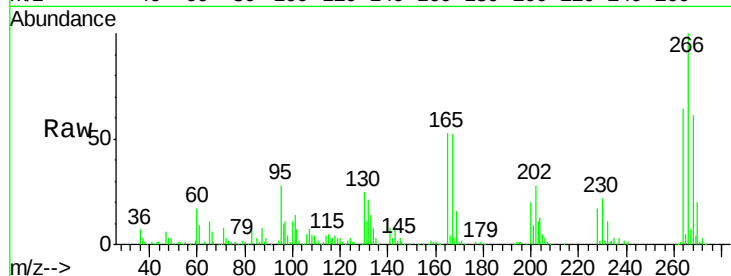
#69
 Pentachlorophenol
 Concen: 64.326 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

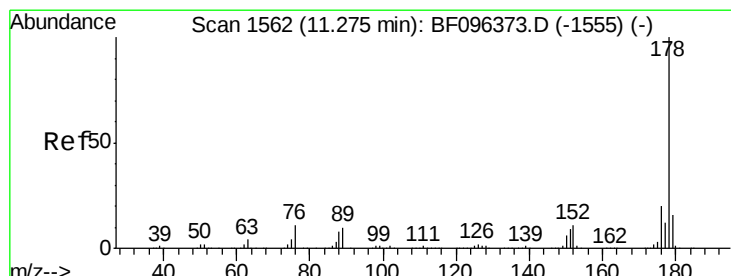
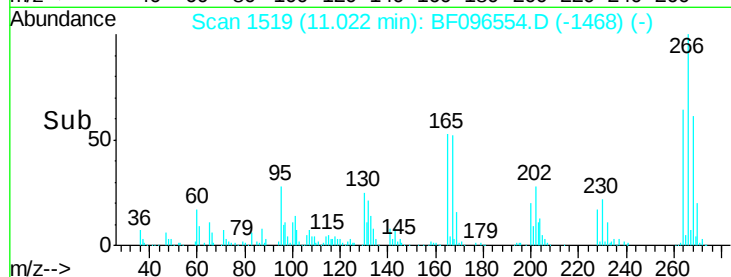
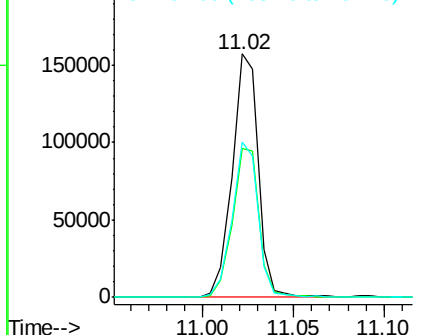
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	157530		
268	60.9	51.1	76.7	
264	63.5	51.7	77.5	

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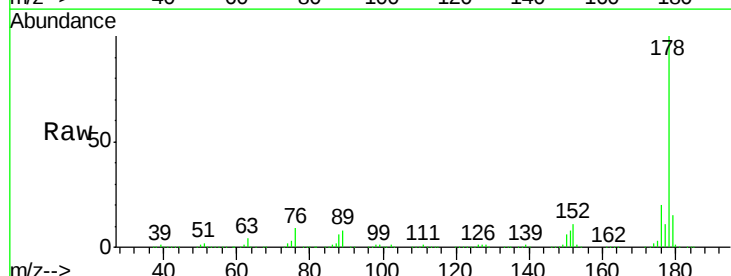


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

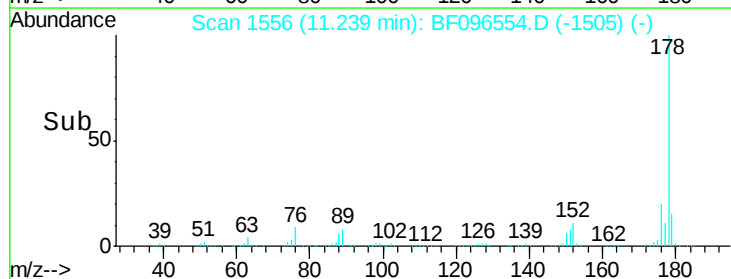
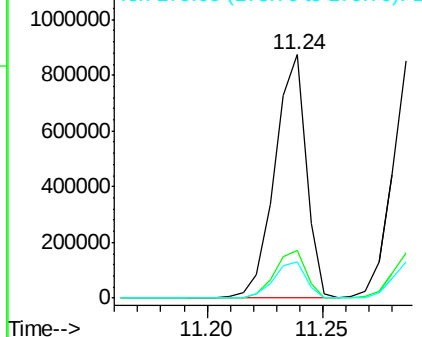


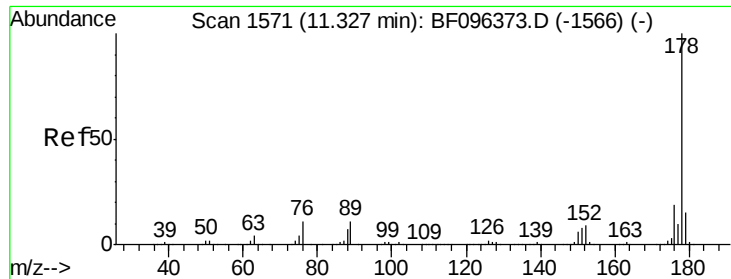
#70
 Phenanthrene
 Concen: 39.250 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	822716		
176	19.5	16.2	24.4	
179	14.8	12.6	19.0	



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





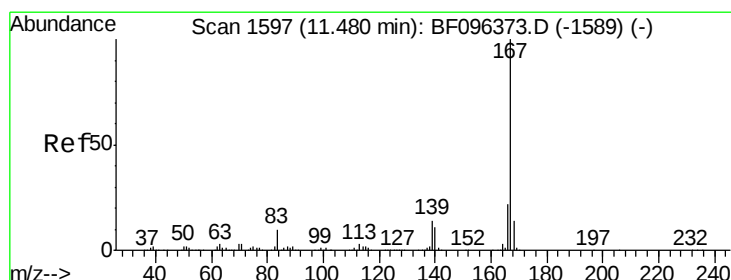
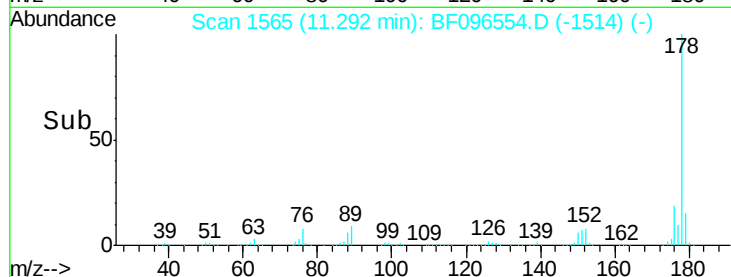
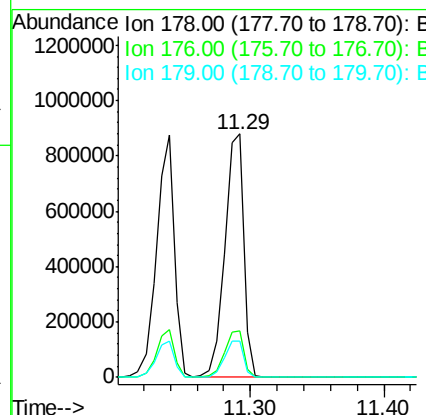
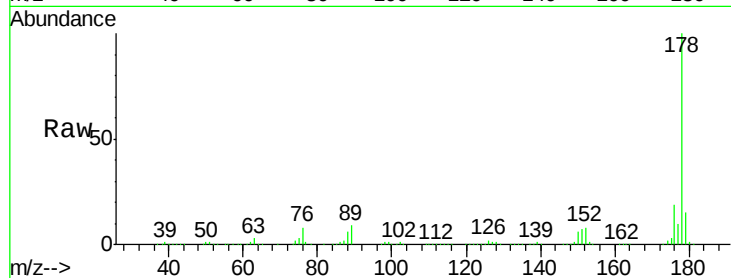
#71
 Anthracene
 Concen: 41.474 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.7	12.7	19.1

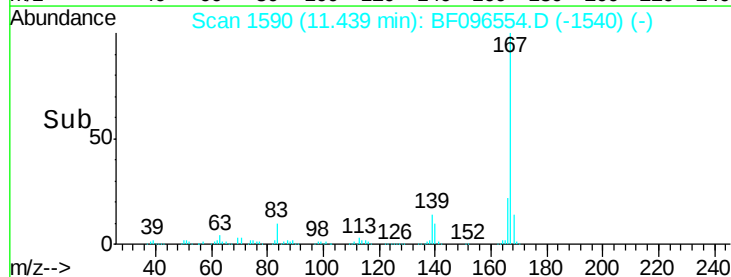
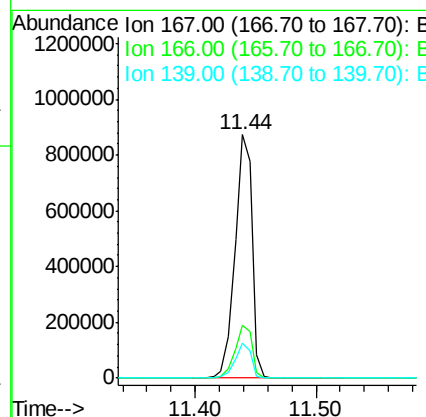
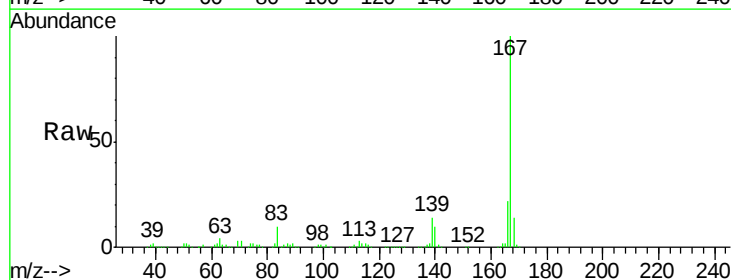
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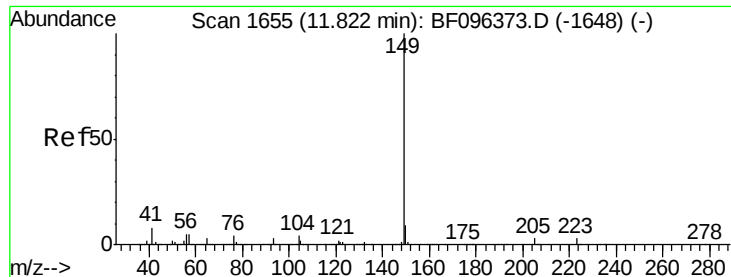
mohammad
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#72
 Carbazole
 Concen: 39.857 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	14.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.568 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

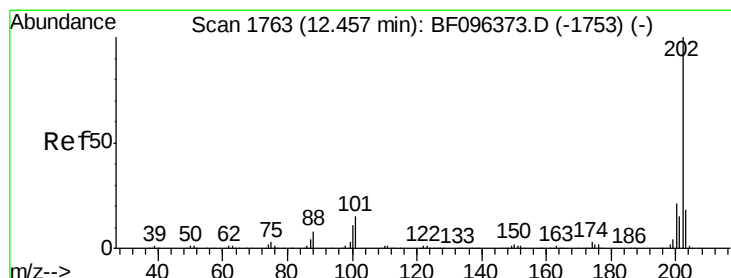
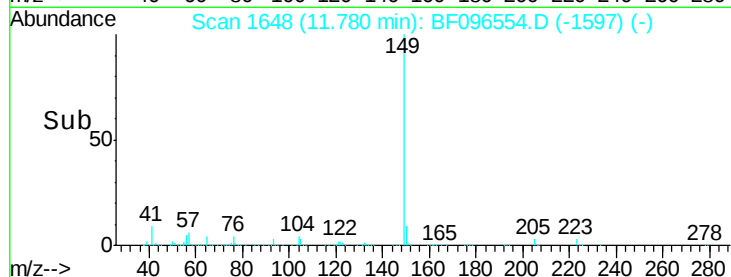
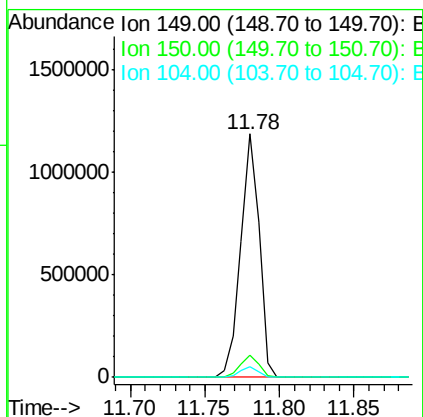
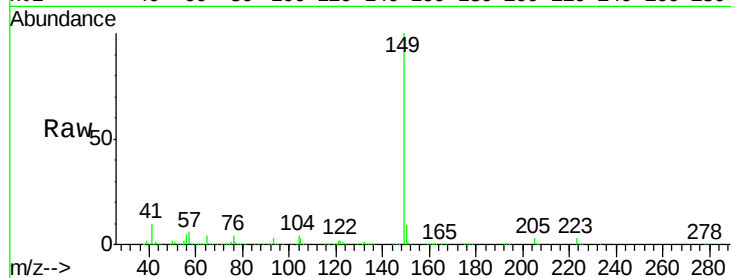
ClientSampleId :

PET-BF001-01MS

Tgt Ion:	149	Resp:	1029521
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 37.857 ng

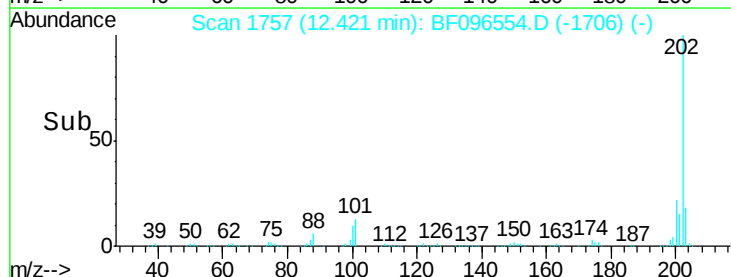
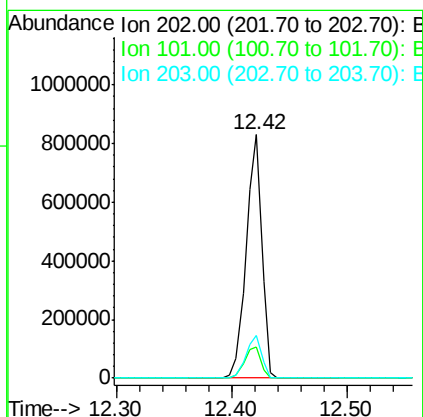
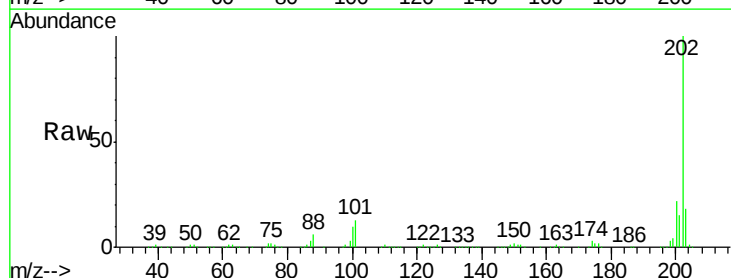
RT: 12.42 min Scan# 1757

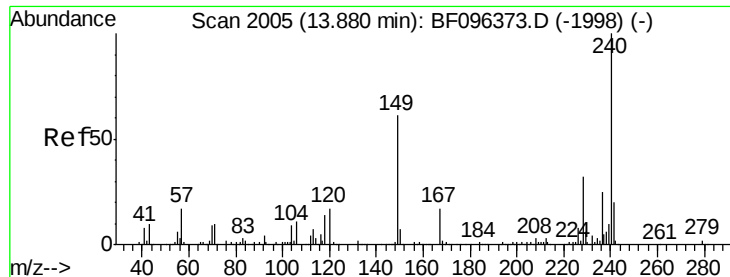
Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	202	Resp:	777994
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

PET-BF001-01MS

Tgt Ion:240 Resp: 216688

Ion Ratio Lower Upper

240 100

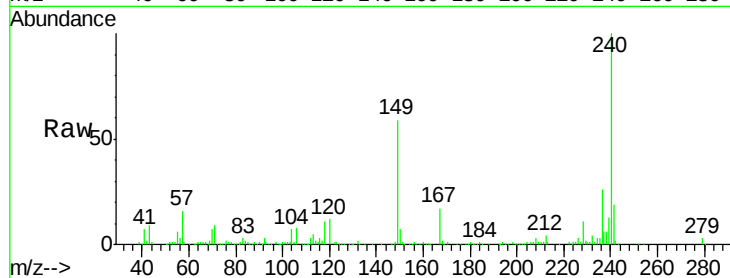
120 12.4 5.8 8.8#

236 26.2 20.5 30.7

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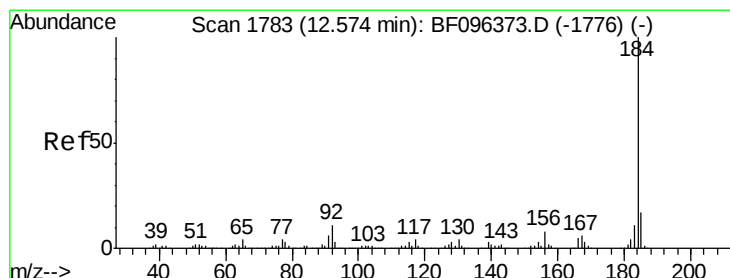
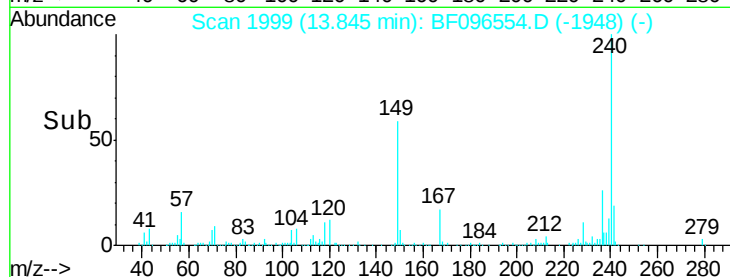
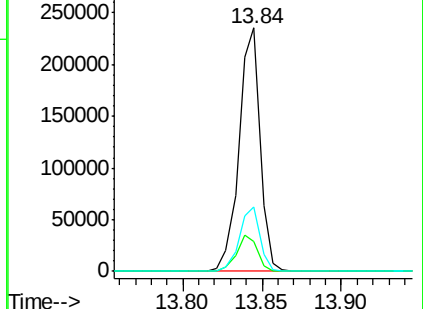
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.690 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:184 Resp: 350289

Ion Ratio Lower Upper

184 100

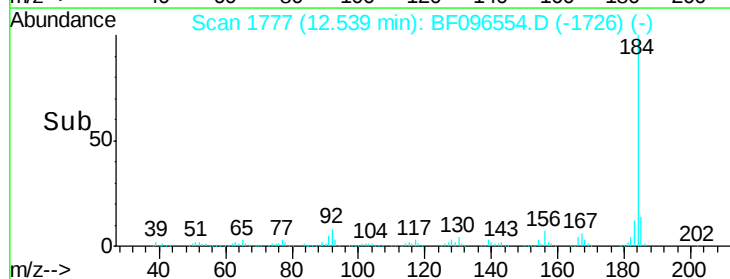
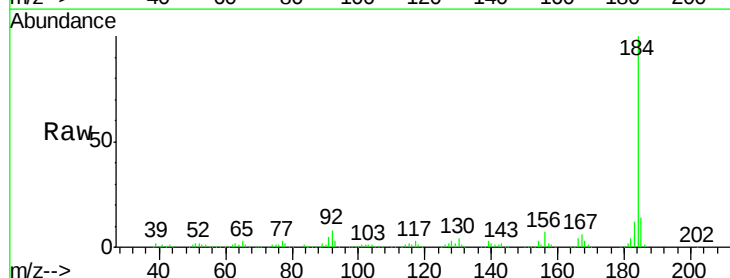
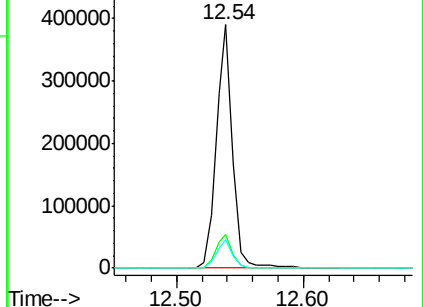
185 13.7 15.5 23.3#

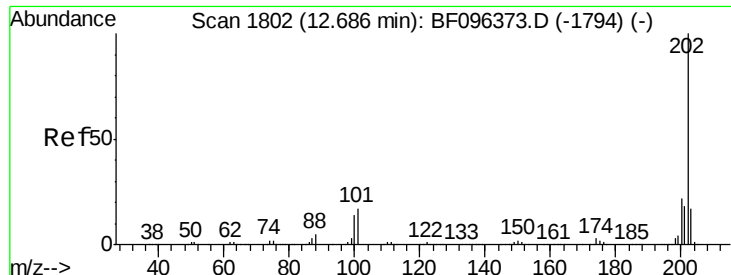
183 11.7 9.8 14.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





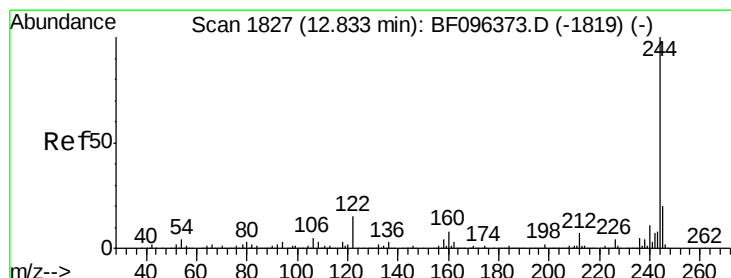
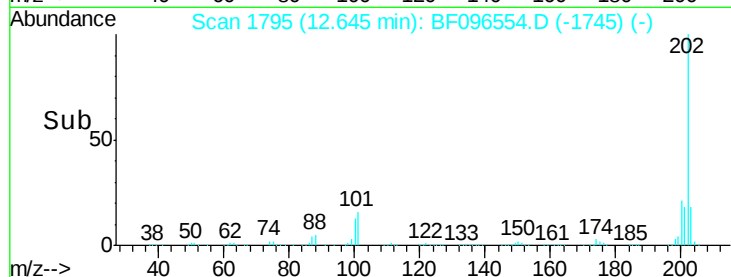
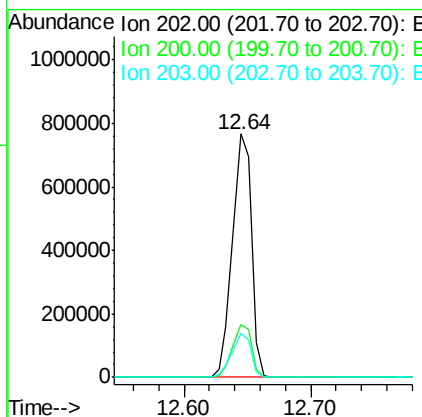
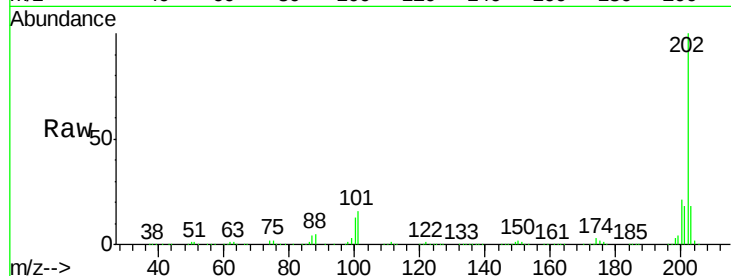
#77
 Pyrene
 Concen: 45.563 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.6	26.4
203	17.9	14.4	21.6

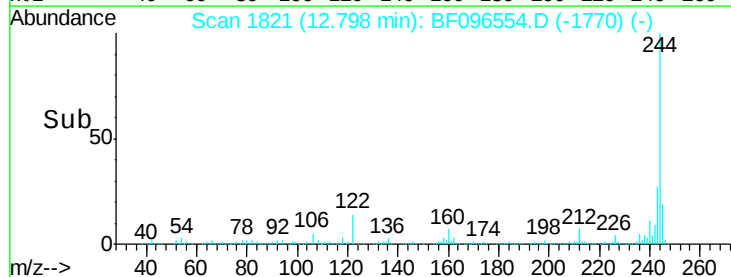
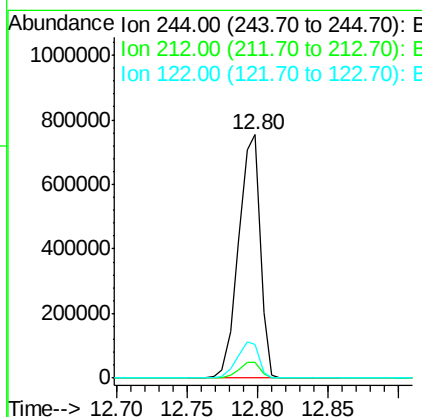
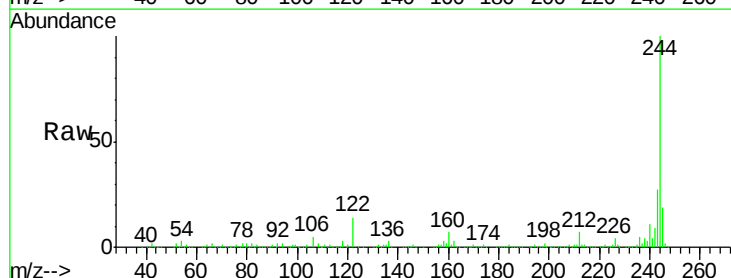
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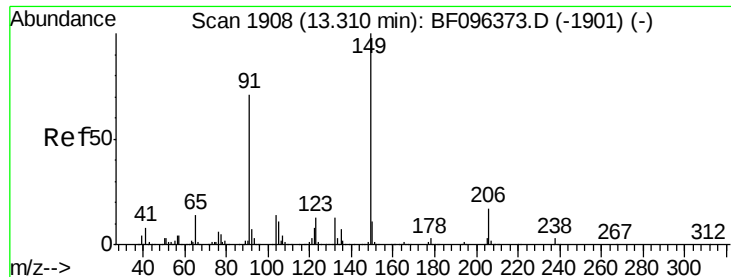
mohammad
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#78
 Terphenyl-d14
 Concen: 79.249 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	6.0	9.0
122	13.8	10.3	15.5





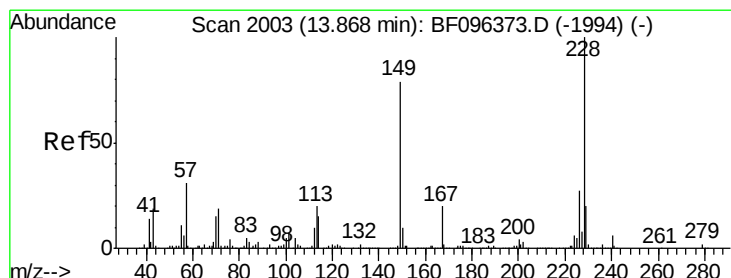
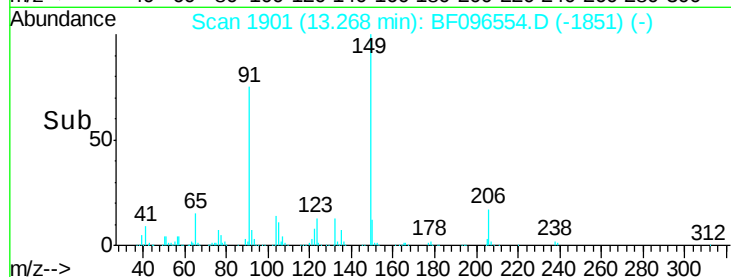
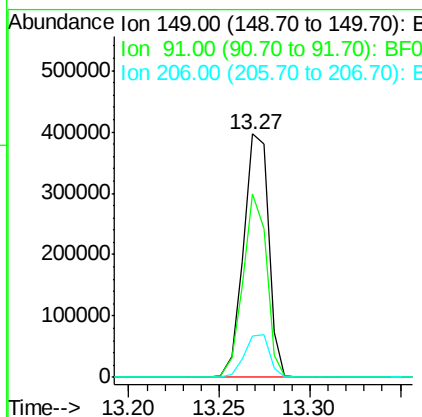
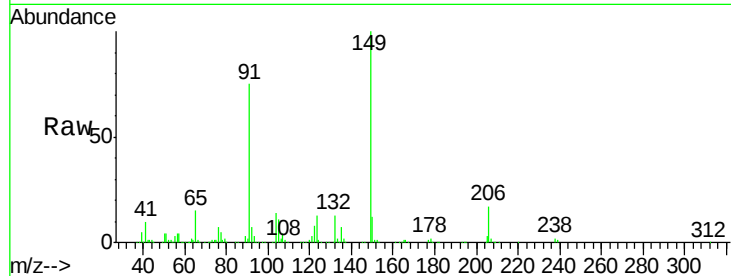
#79
Butylbenzylphthalate
Concen: 43.300 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	75.1	45.0	67.4#
206	17.0	17.0	25.6#

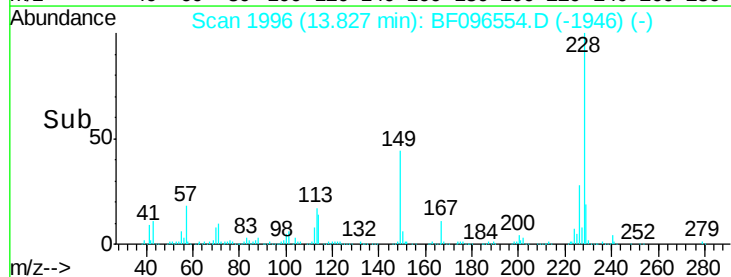
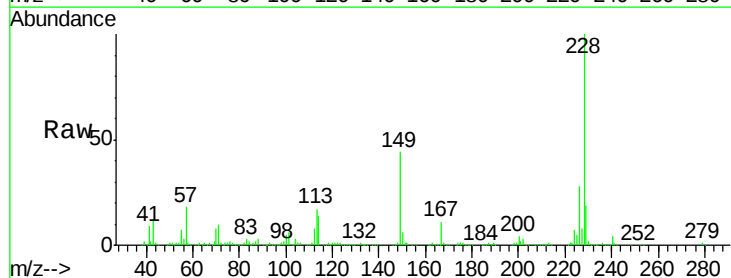
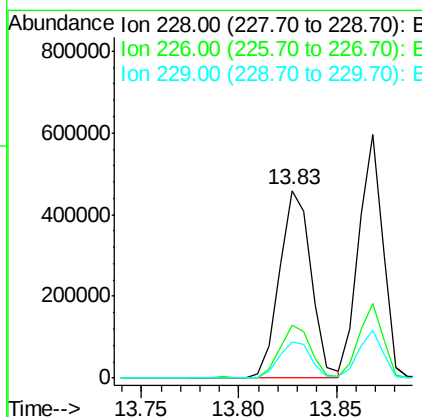
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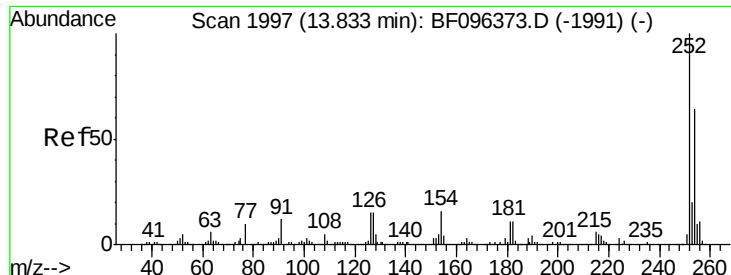
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#80
Benzo(a)anthracene
Concen: 41.003 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096554.D
Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	22.6	33.8
229	19.4	16.3	24.5





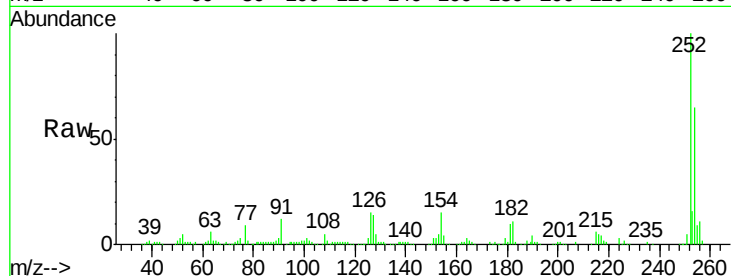
#81
 3,3'-Dichlorobenzidine
 Concen: 30.050 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

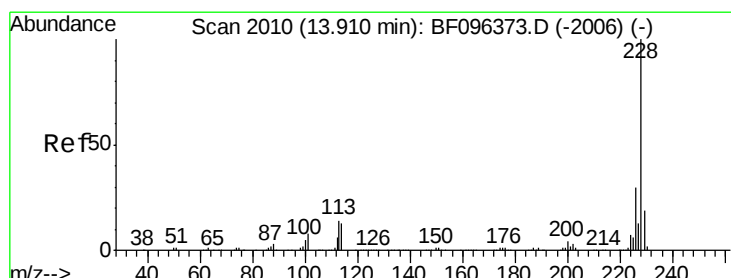
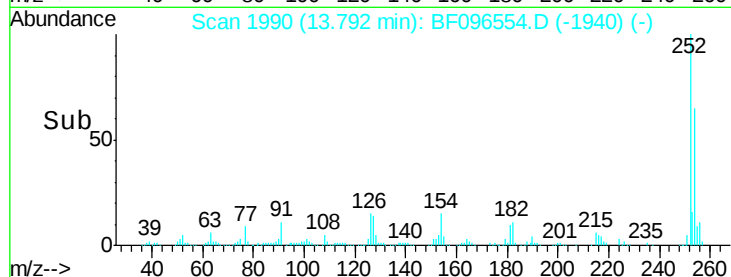
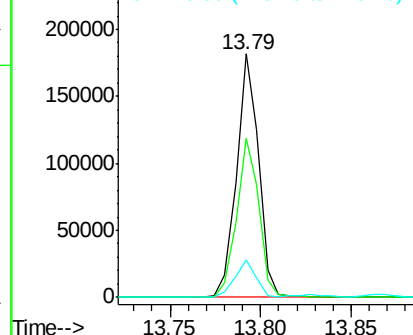
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.4	51.5	77.3
126	15.5	15.8	23.8

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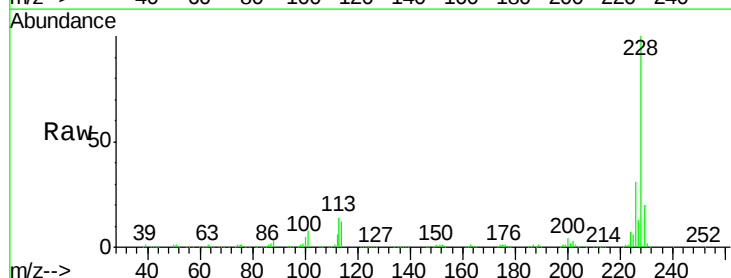


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

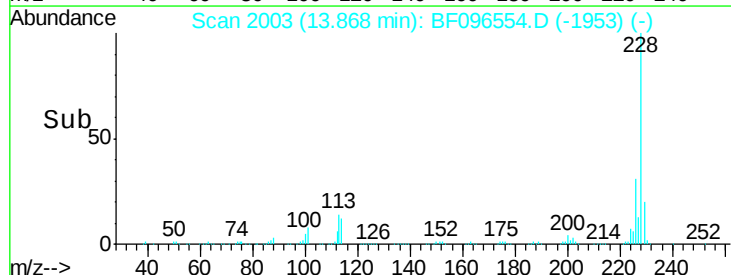
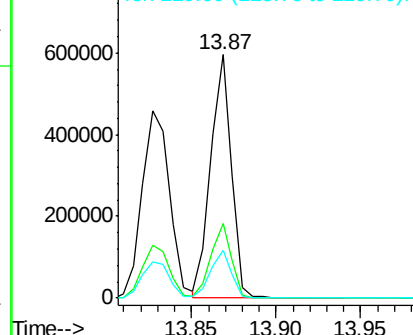


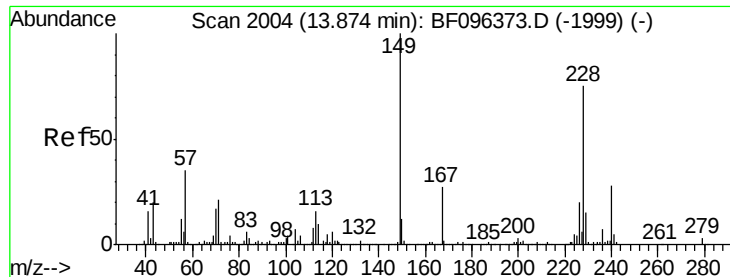
#82
 Chrysene
 Concen: 38.978 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.9	37.3
229	19.7	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





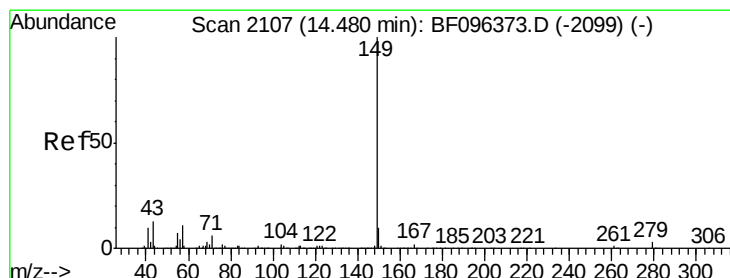
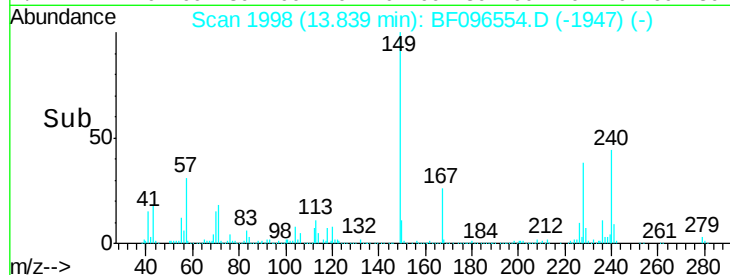
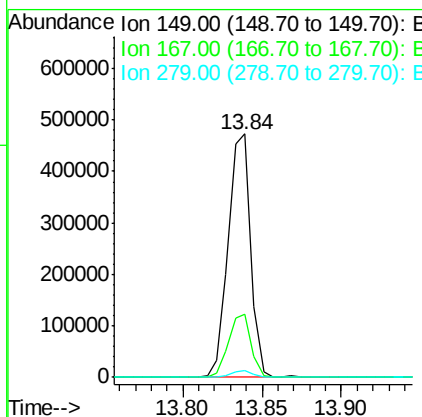
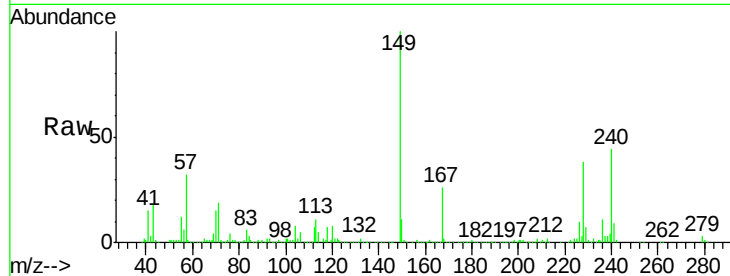
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.355 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	465406		
167	26.0	21.0	31.4	
279	3.0	1.9	2.9#	

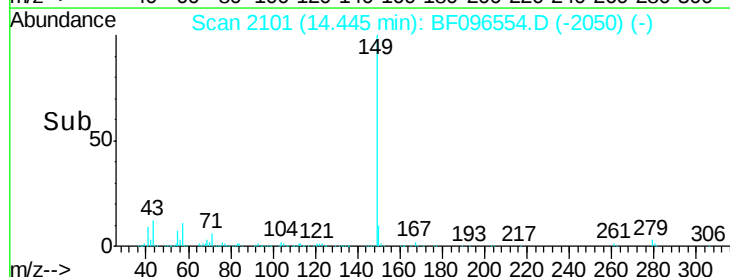
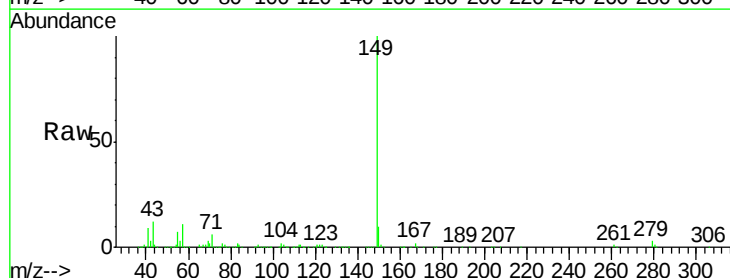
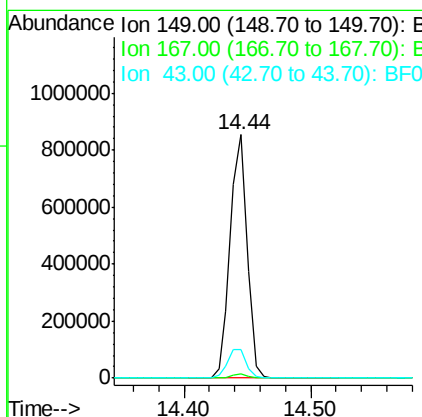
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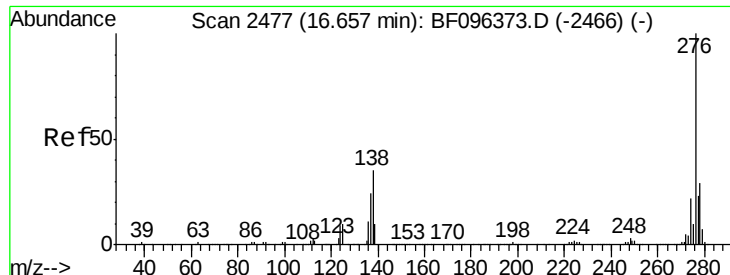
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#84
 Di-n-octyl phthalate
 Concen: 40.770 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	789049		
167	1.6	1.2	1.8	
43	12.7	8.5	12.7#	





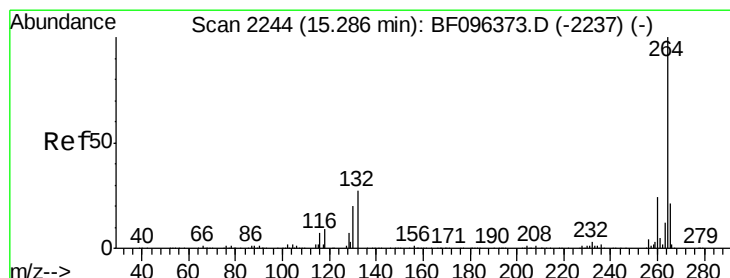
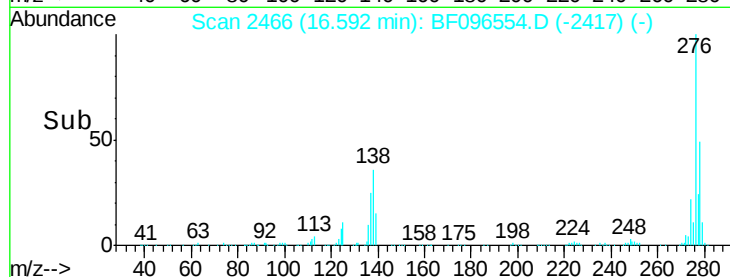
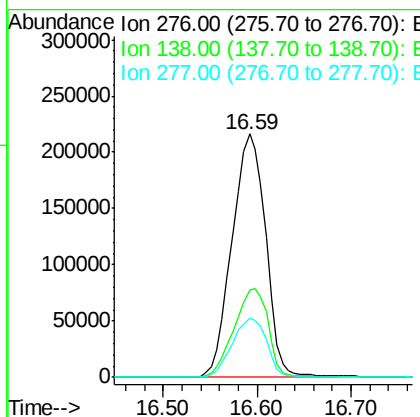
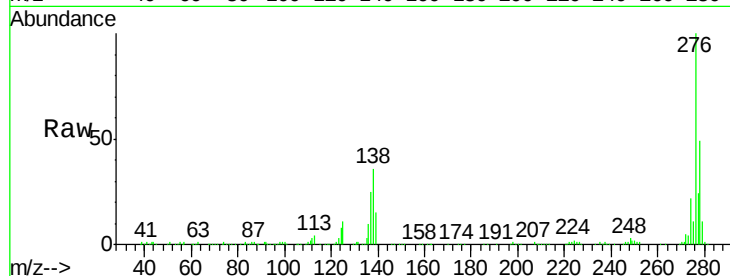
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.961 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MS

Tgt Ion:	276	Resp:	538958
Ion Ratio	Lower	Upper	
276	100		
138	37.4	27.8	41.6
277	24.8	20.2	30.4

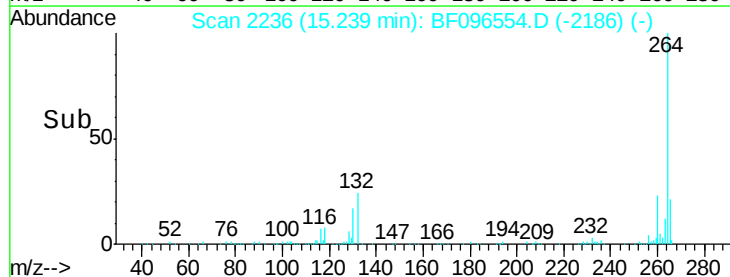
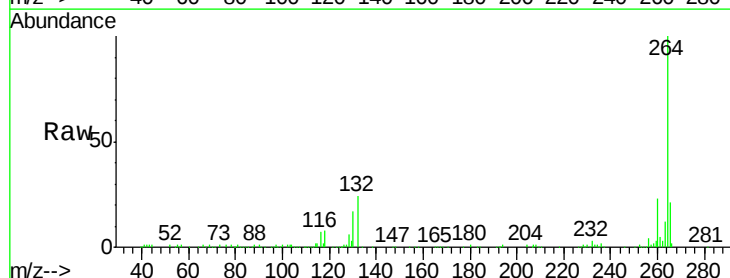
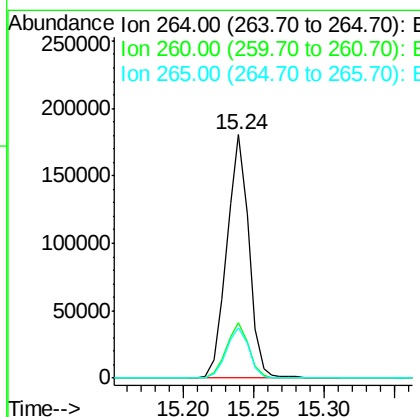
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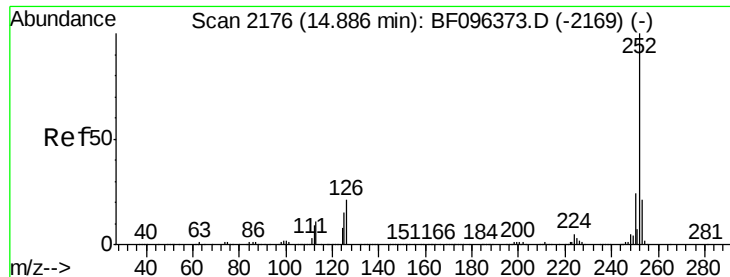
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF096554.D
 Acq: 7 Jul 2017 12:58

Tgt Ion:	264	Resp:	195827
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 35.117 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

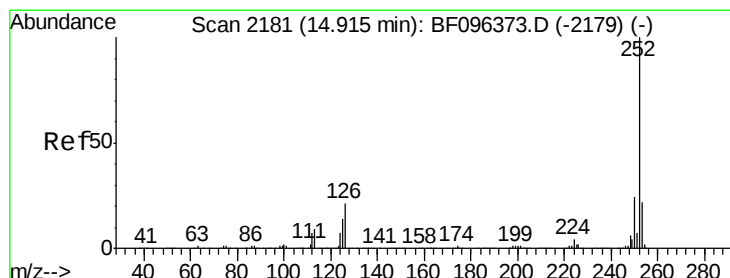
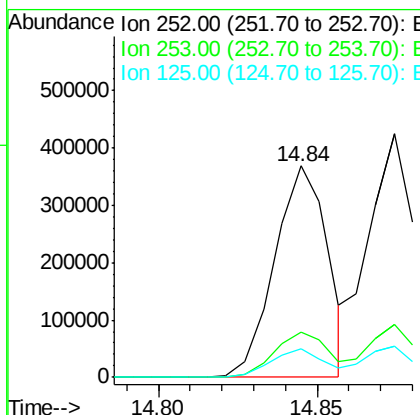
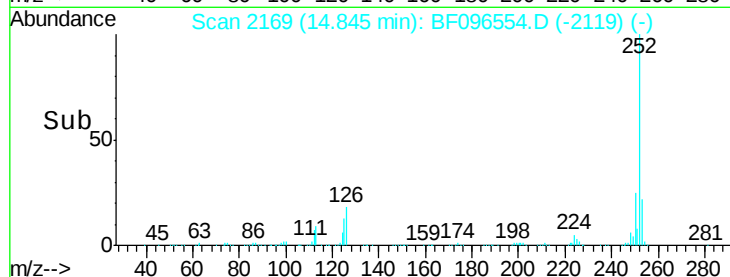
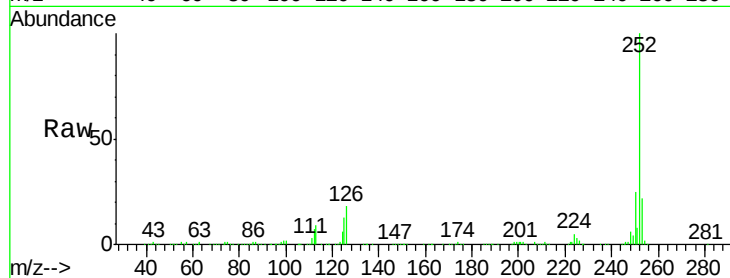
ClientSampleId :

PET-BF001-01MS

Tgt Ion:	252	Resp:	430903
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	13.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 38.932 ng m

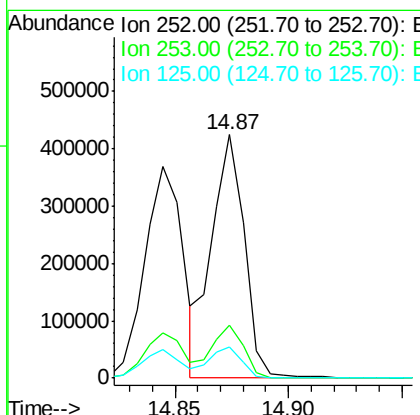
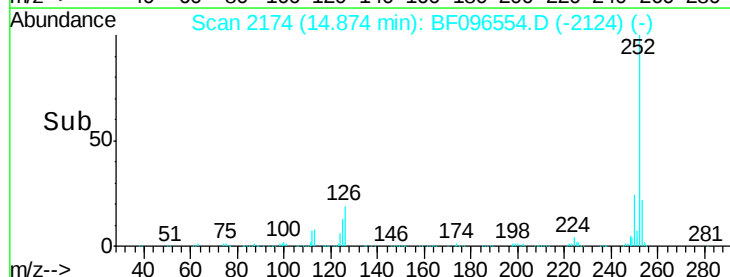
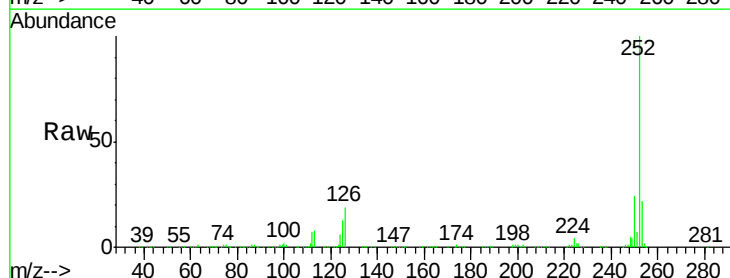
RT: 14.87 min Scan# 2174

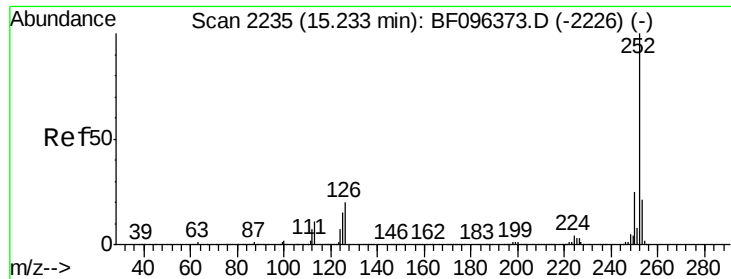
Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	252	Resp:	427326
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.4	27.6
125	12.8	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 38.472 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

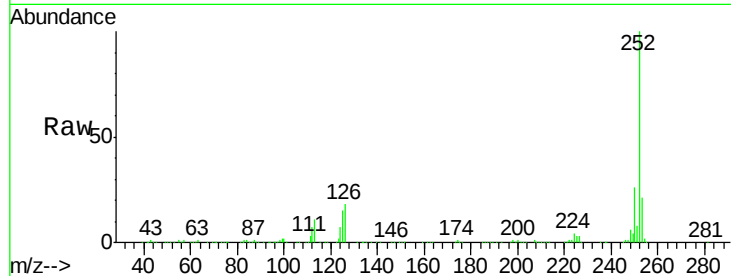
ClientSampleId :

PET-BF001-01MS

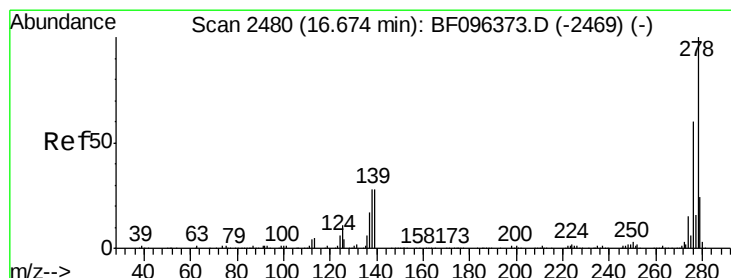
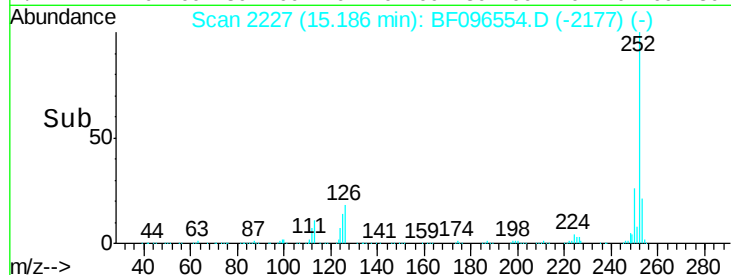
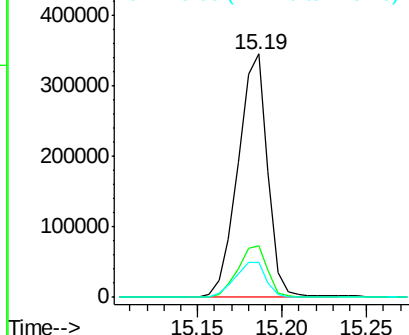
Tgt Ion:	252	Resp:	421460
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	14.6	11.0	16.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.790 ng

RT: 16.61 min Scan# 2469

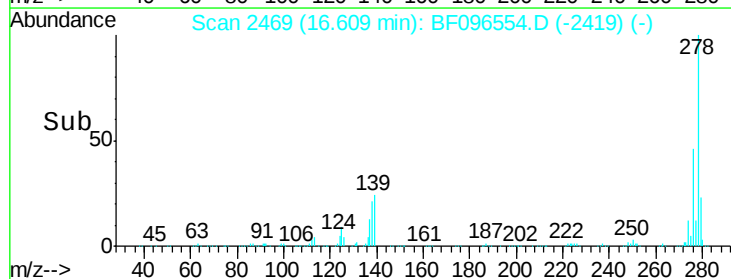
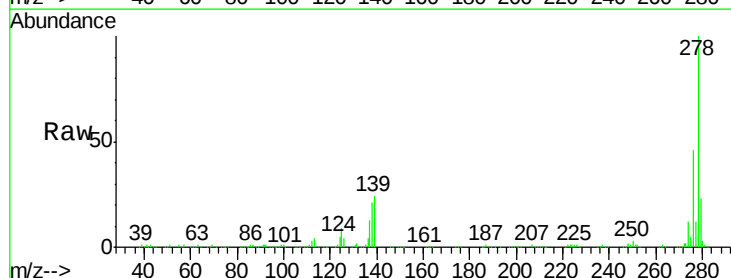
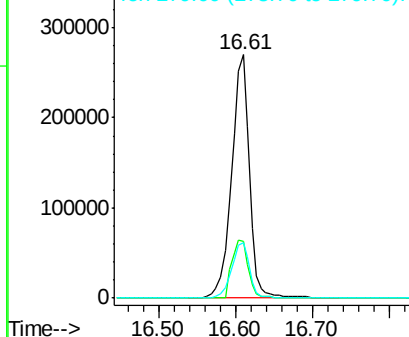
Delta R.T. -0.01 min

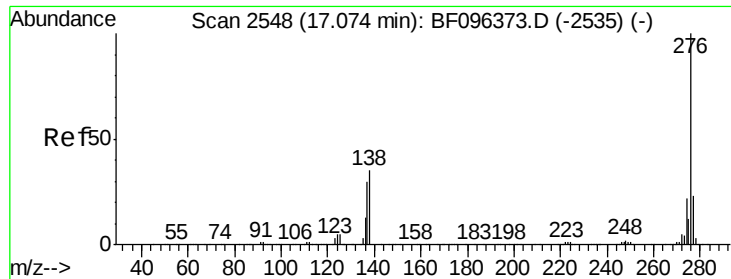
Lab File: BF096554.D

Acq: 7 Jul 2017 12:58

Tgt Ion:	278	Resp:	437720
Ion Ratio	Lower	Upper	
278	100		
139	23.5	16.6	24.8
279	22.9	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 53.006 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF096554.D

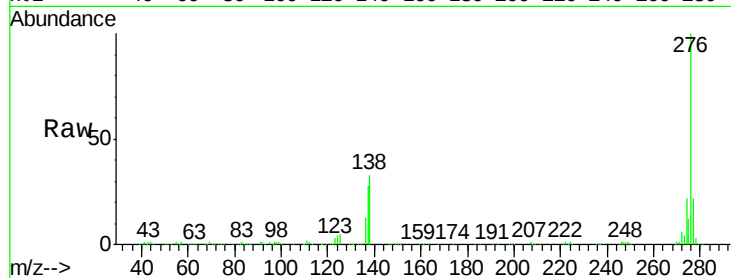
Acq: 7 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

PET-BF001-01MS



Tgt Ion: 276 Resp: 473372

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 32.6 25.4 38.0

Manual Integrations
APPROVED

mohammad
7/10/2017 2:22:10 PM

