

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096555.D
 Acq On : 7 Jul 2017 13:26
 Operator : SJ/MA
 Sample : I4064-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Manual Integrations
 APPROVED

mohammad
 7/10/2017 2:22:13 PM

Quant Time: Jul 07 14:57:46 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	105999	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	453761	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	229828	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	400190	20.00	ng	0.00
75) Chrysene-d12	13.84	240	221018	20.00	ng	0.00
86) Perylene-d12	15.24	264	206360	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	905013	126.02	ng	0.01
7) Phenol-d6	6.35	99	1002259	113.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	670470	88.79	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	214502	119.48	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1137030	84.59	ng	0.00
78) Terphenyl-d14	12.80	244	870760	84.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	128458	37.722	ng	# 76
3) Pyridine	3.10	79	315000	33.713	ng	# 67
4) n-Nitrosodimethylamine	3.04	42	210288	45.598	ng	# 81
6) Aniline	6.36	93	398790	34.948	ng	# 68
8) 2-Chlorophenol	6.49	128	317655	41.478	ng	# 95
9) Benzaldehyde	6.24	77	218523	39.548	ng	# 98
10) Phenol	6.36	94	404611	40.227	ng	# 76
11) bis(2-Chloroethyl)ether	6.44	93	301443	38.780	ng	# 93
12) 1,3-Dichlorobenzene	6.64	146	333626	41.547	ng	# 99
13) 1,4-Dichlorobenzene	6.72	146	340018	42.364	ng	# 95
14) 1,2-Dichlorobenzene	6.87	146	316456	42.942	ng	# 97
15) Benzyl Alcohol	6.85	79	264202	44.767	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	654720	41.432	ng	# 91
17) 2-Methylphenol	6.96	107	262943	43.082	ng	# 97
18) Hexachloroethane	7.21	117	133256	45.796	ng	# 81
19) n-Nitroso-di-n-propylamine	7.12	70	230869	43.894	ng	# 85
20) 3+4-Methylphenols	7.12	107	336735	49.465	ng	# 87
22) Acetophenone	7.11	105	454708	45.862	ng	# 94
24) Nitrobenzene	7.28	77	361186	45.594	ng	# 93
25) Isophorone	7.53	82	676748	46.222	ng	# 95
26) 2-Nitrophenol	7.60	139	199969	47.692	ng	# 87
27) 2,4-Dimethylphenol	7.65	122	335816	47.037	ng	# 95
28) bis(2-Chloroethoxy)methane	7.73	93	409783	42.399	ng	# 99
29) 2,4-Dichlorophenol	7.85	162	275125	44.665	ng	# 99
30) 1,2,4-Trichlorobenzene	7.93	180	251930	43.357	ng	# 99
31) Naphthalene	8.00	128	930951	43.458	ng	# 100
32) Benzoic acid	7.76	122	116283	19.393	ng	# 90
33) 4-Chloroaniline	8.05	127	336887	37.862	ng	# 96
34) Hexachlorobutadiene	8.13	225	131420	44.097	ng	# 98
35) Caprolactam	8.42	113	108612m	51.133	ng	#
36) 4-Chloro-3-methylphenol	8.55	107	326695	47.932	ng	# 90
37) 2-Methylnaphthalene	8.70	142	692805	50.807	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	228808	38.342	ng	# 98
40) Hexachlorocyclopentadiene	8.85	237	224622	77.413	ng	# 99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	191172	40.496	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	198619	42.552	ng	98
45) 1,1'-Biphenyl	9.16	154	769924	39.098	ng	98
46) 2-Chloronaphthalene	9.18	162	602182	41.034	ng	# 93
47) 2-Nitroaniline	9.27	65	226630	42.441	ng	96
48) Acenaphthylene	9.60	152	908581	39.072	ng	97
49) Dimethylphthalate	9.46	163	821349	47.873	ng	99
50) 2,6-Dinitrotoluene	9.52	165	165759	43.690	ng	# 87
51) Acenaphthene	9.77	154	556736	38.841	ng	98
52) 3-Nitroaniline	9.69	138	170172	35.961	ng	92
53) 2,4-Dinitrophenol	9.79	184	93949	46.622	ng	# 72
54) Dibenzofuran	9.94	168	787142	41.594	ng	98
55) 4-Nitrophenol	9.86	139	281720	71.827	ng	# 63
56) 2,4-Dinitrotoluene	9.93	165	203729	42.403	ng	# 90
57) Fluorene	10.28	166	560850	41.962	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	154471	47.833	ng	# 99
59) Diethylphthalate	10.16	149	691647	42.650	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	236380	40.649	ng	93
61) 4-Nitroaniline	10.30	138	176748	41.077	ng	91
62) Azobenzene	10.43	77	626553	39.957	ng	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	83282	30.175	ng	82
65) n-Nitrosodiphenylamine	10.39	169	542221	38.616	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	159232	40.874	ng	96
67) Hexachlorobenzene	10.83	284	166097	38.948	ng	# 94
68) Atrazine	10.92	200	169342	42.214	ng	94
69) Pentachlorophenol	11.02	266	166125	65.728	ng	98
70) Phenanthrene	11.24	178	905506	41.857	ng	100
71) Anthracene	11.29	178	928270	42.108	ng	99
72) Carbazole	11.44	167	907440	40.930	ng	98
73) Di-n-butylphthalate	11.78	149	1120500	41.727	ng	99
74) Fluoranthene	12.42	202	895846	42.237	ng	98
76) Benzidine	12.54	184	438093	41.310	ng	# 92
77) Pyrene	12.65	202	903832	50.947	ng	98
79) Butylbenzylphthalate	13.27	149	449690	50.074	ng	# 85
80) Benzo(a)anthracene	13.83	228	579513	45.279	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	175413	33.369	ng	# 95
82) Chrysene	13.87	228	595222	44.410	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	524158	52.288	ng	# 100
84) Di-n-octyl phthalate	14.44	149	930676	47.145	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.60	276	568521	53.737	ng	97
87) Benzo(b)fluoranthene	14.84	252	536422	41.485	ng	# 97
88) Benzo(k)fluoranthene	14.87	252	441198	38.145	ng	97
89) Benzo(a)pyrene	15.19	252	463292	40.132	ng	98
90) Dibenzo(a,h)anthracene	16.61	278	460766	50.735	ng	96
91) Benzo(g,h,i)perylene	17.00	276	503930	53.548	ng	97

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

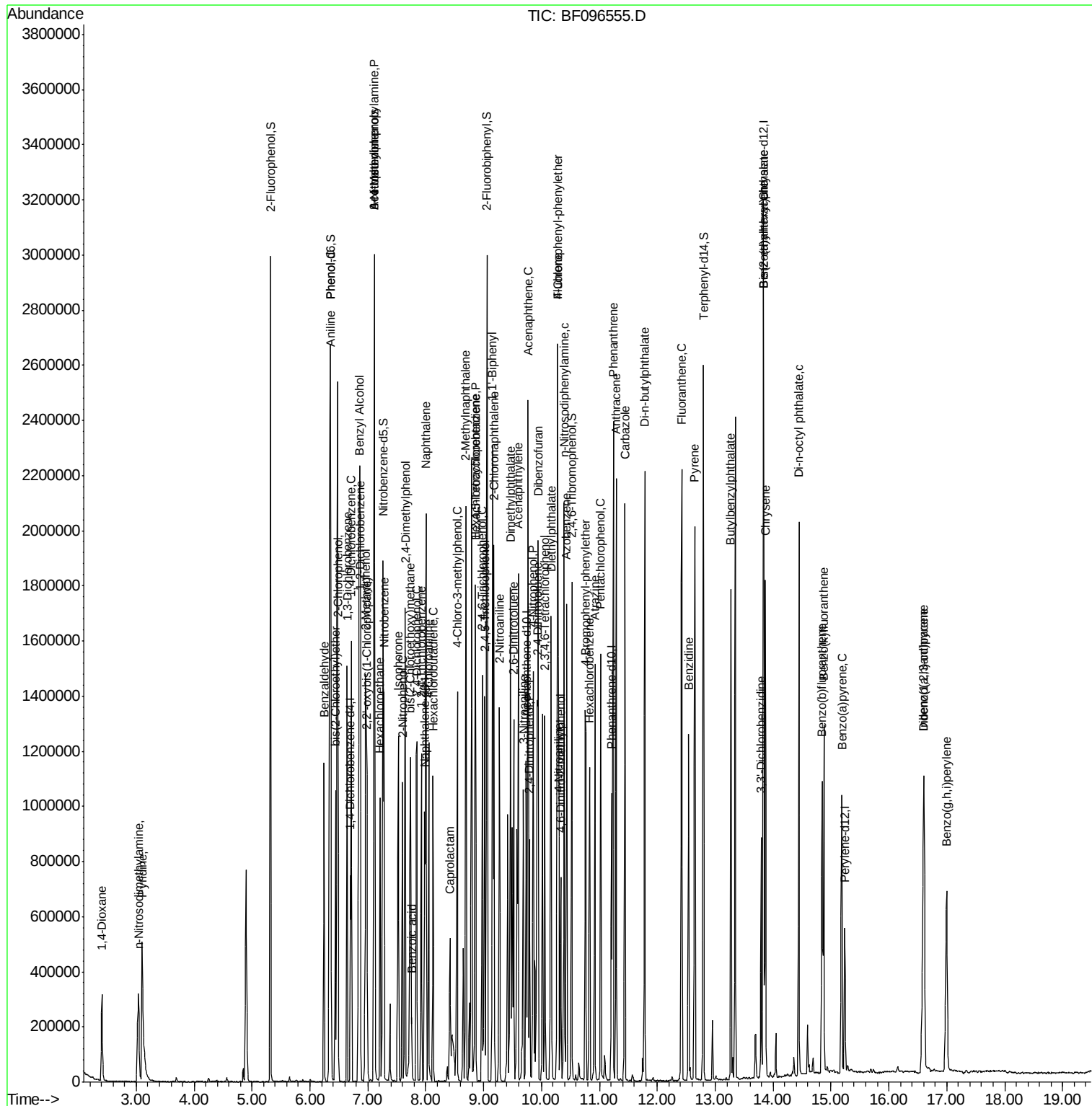
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
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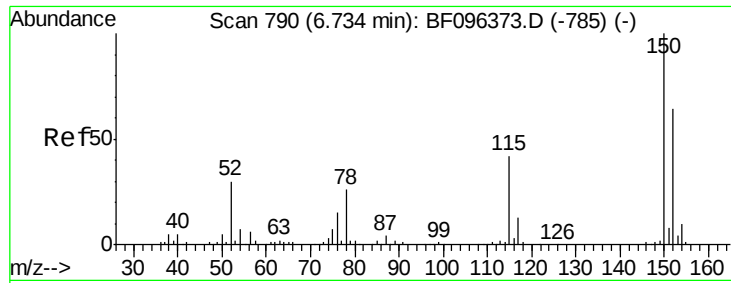
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#1

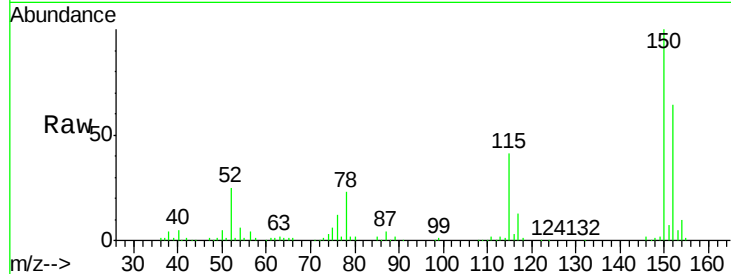
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	63.9	52.2	78.2

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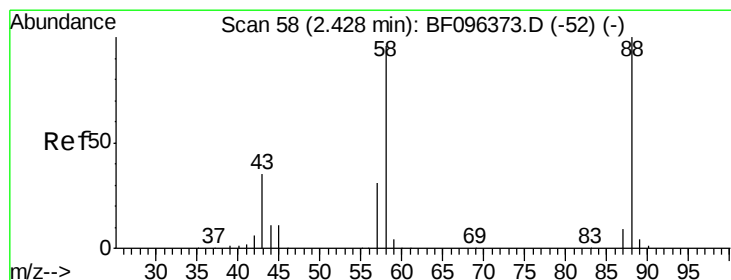
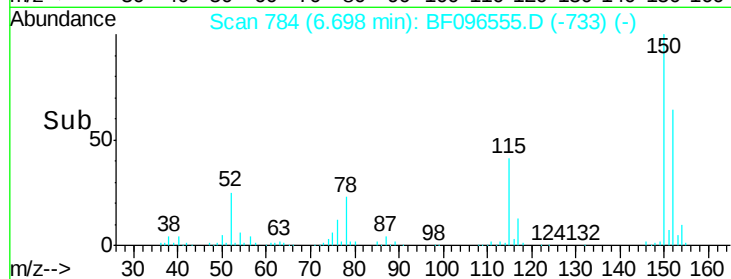
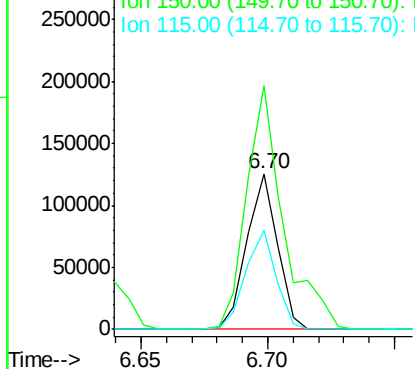


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

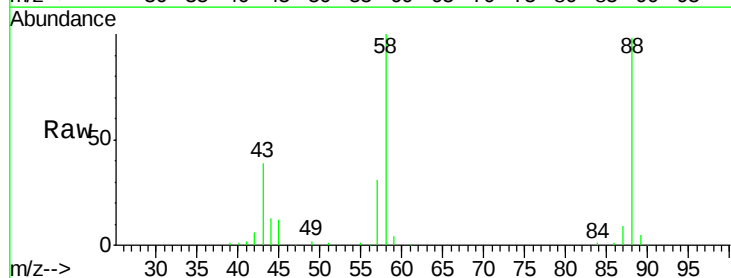
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.722 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.9	61.4	92.0#
43	36.0	23.4	35.0#

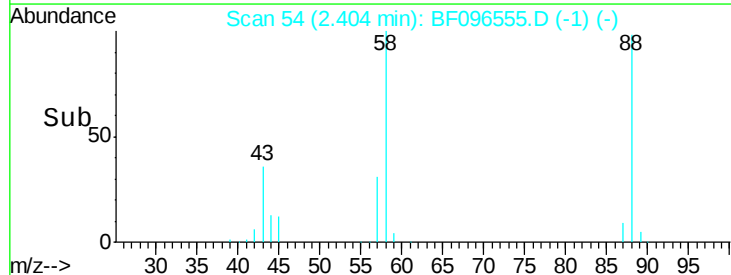
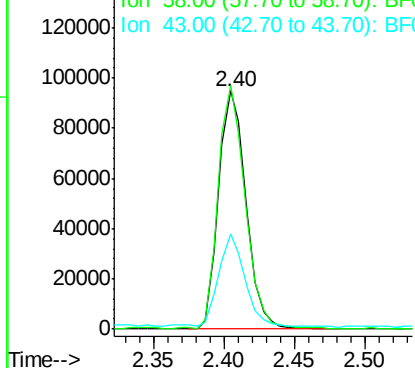


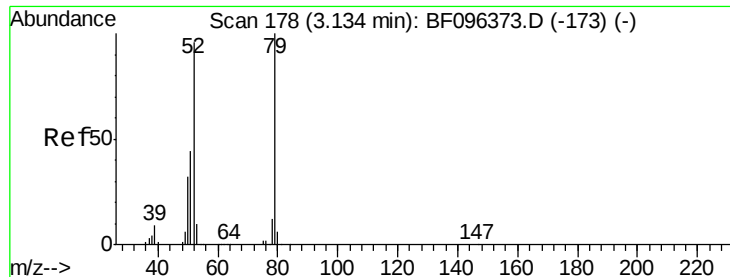
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.713 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.05 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

PET-BF001-01MSD

Tgt Ion: 79 Resp: 315000
Ion Ratio Lower Upper

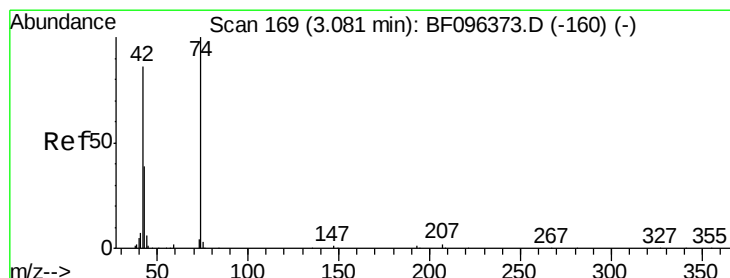
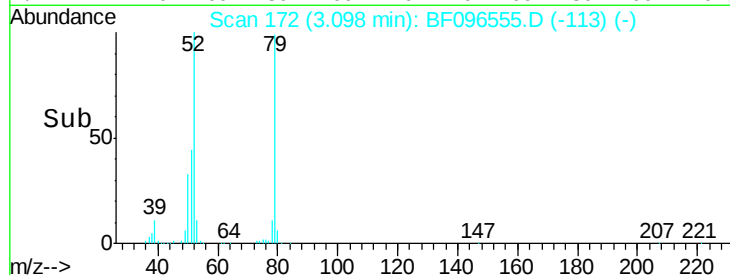
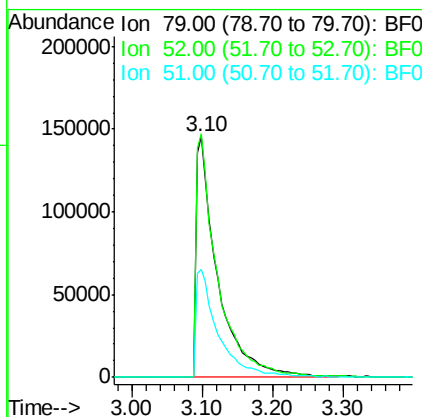
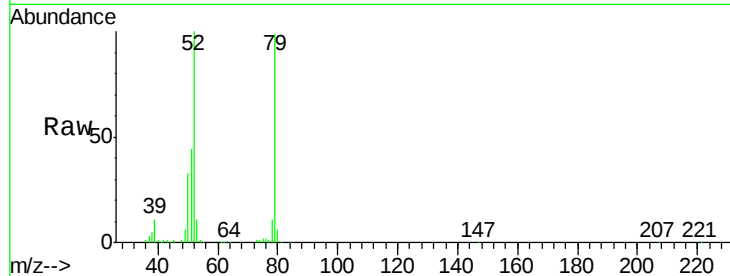
79 100

52 101.1 54.8 82.2#

51 44.8 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 45.598 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.04 min

Lab File: BF096555.D

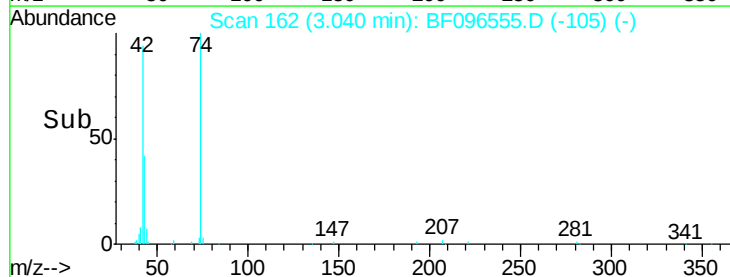
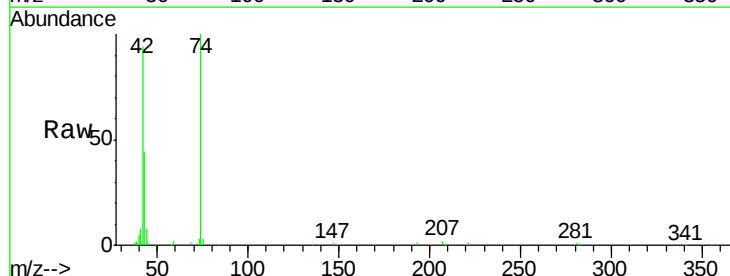
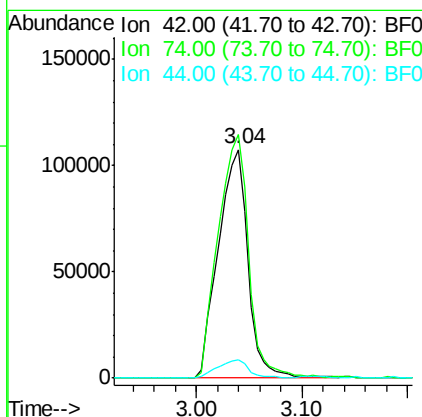
Acq: 7 Jul 2017 13:26

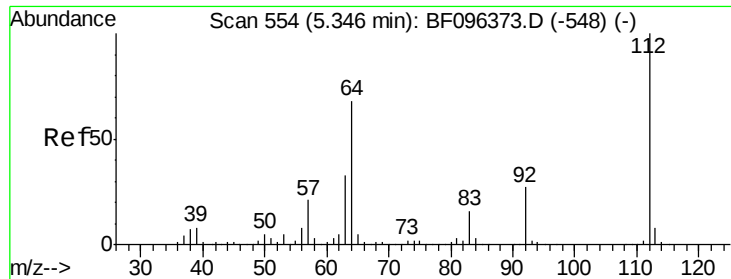
Tgt Ion: 42 Resp: 210288
Ion Ratio Lower Upper

42 100

74 106.4 103.9 155.9

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 126.017 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

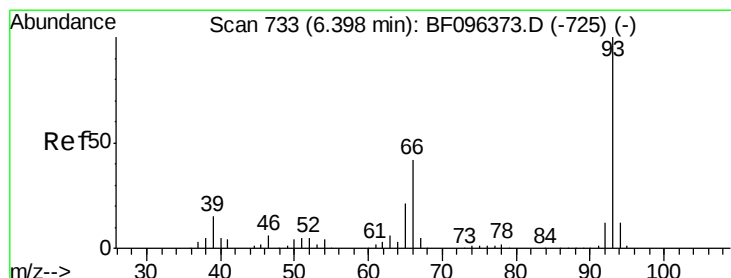
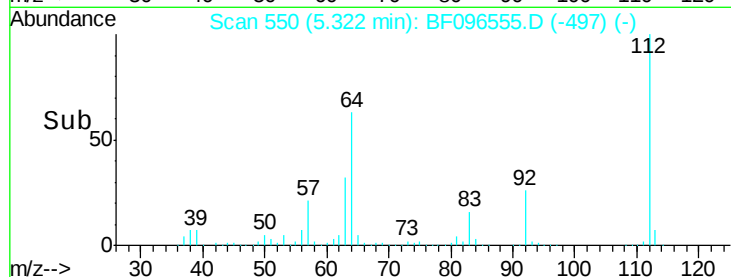
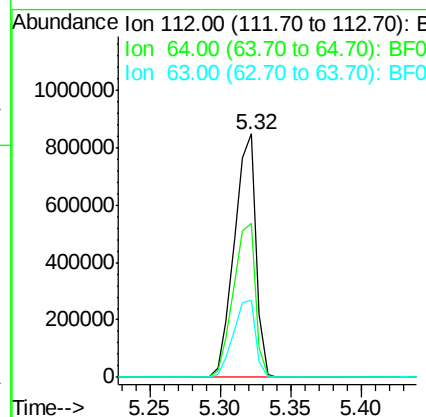
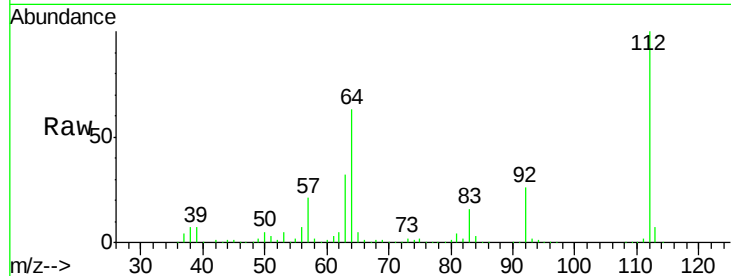
ClientSampleId :

PET-BF001-01MSD

Tgt Ion:	112	Resp:	905013
Ion Ratio	Lower	Upper	
112	100		
64	63.1	46.0	69.0
63	31.6	23.4	35.0

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#6

Aniline

Concen: 34.948 ng

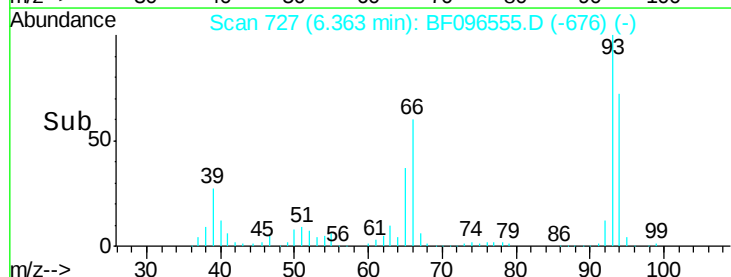
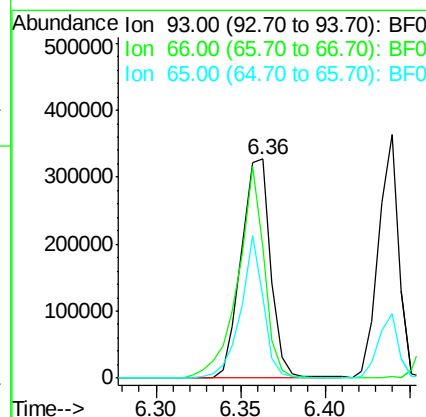
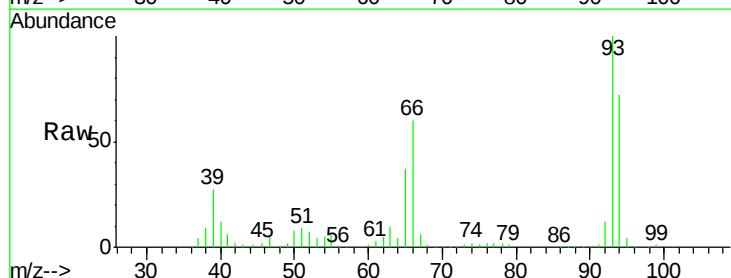
RT: 6.36 min Scan# 727

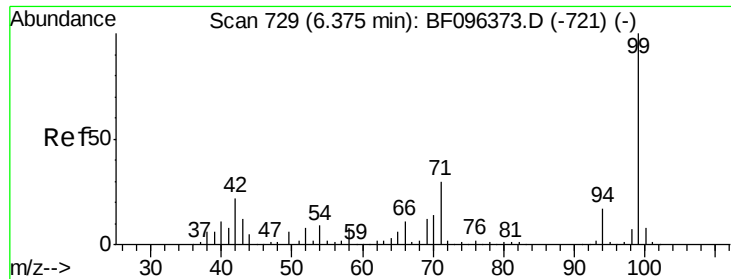
Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Tgt Ion:	93	Resp:	398790
Ion Ratio	Lower	Upper	
93	100		
66	59.6	32.9	49.3#
65	36.9	16.0	24.0#





#7

Phenol-d6

Concen: 113.520 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleID :

PET-BF001-01MSD

Tgt Ion: 99 Resp: 1002259

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

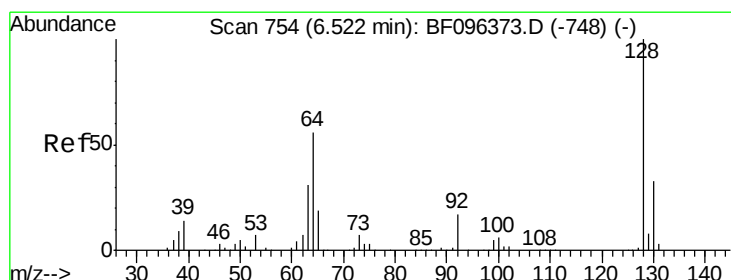
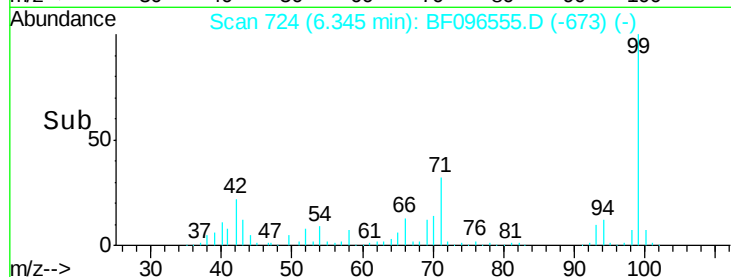
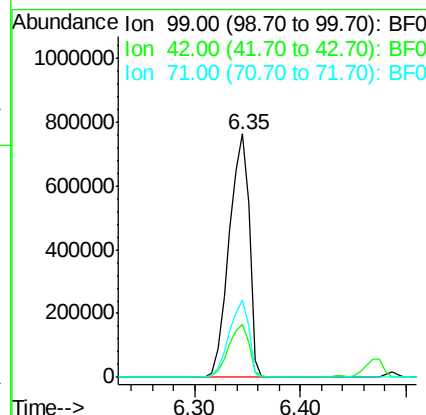
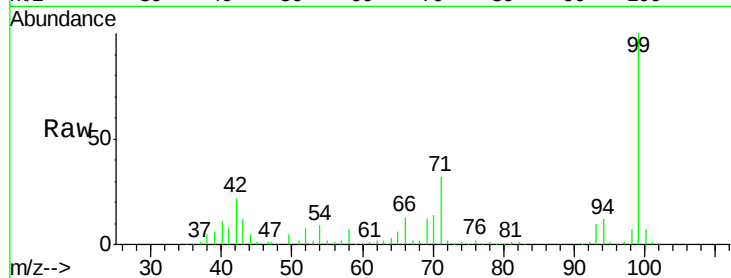
71 31.8 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.478 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

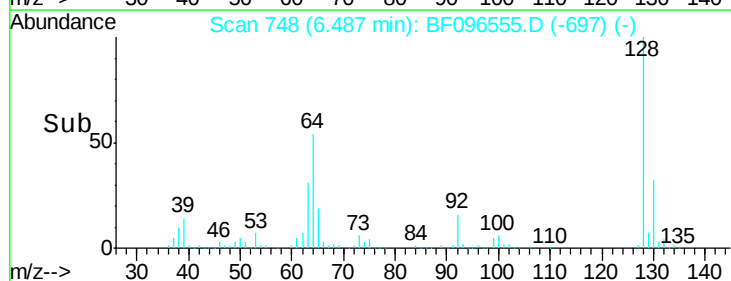
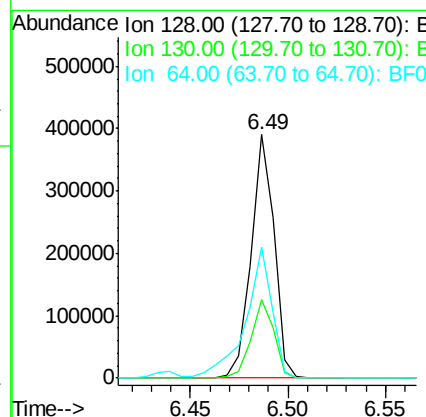
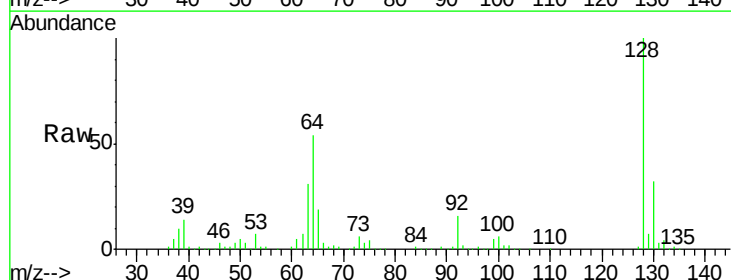
Tgt Ion: 128 Resp: 317655

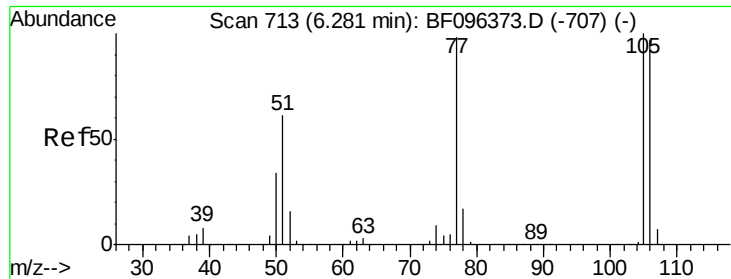
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 53.6 28.4 68.4





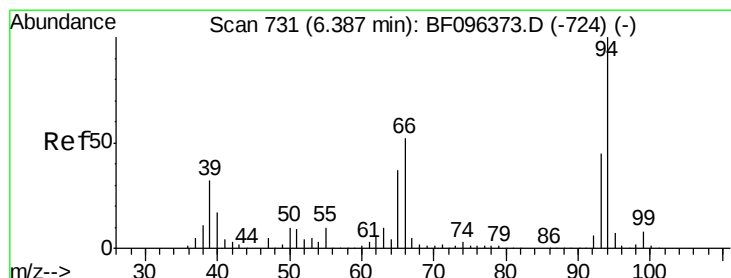
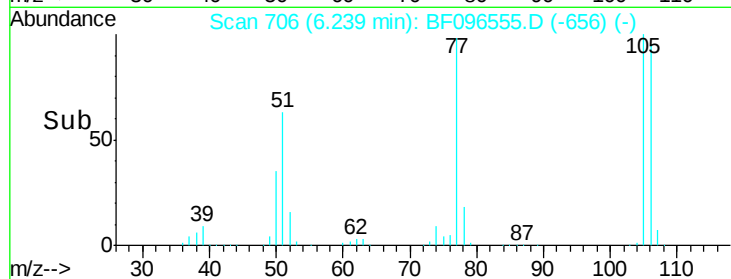
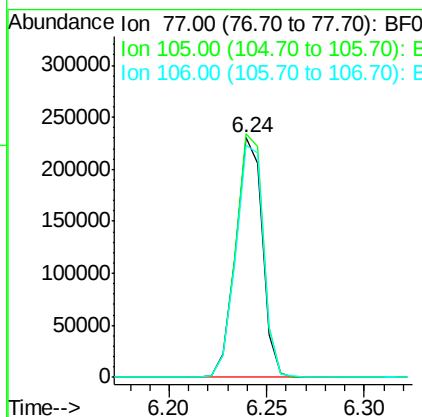
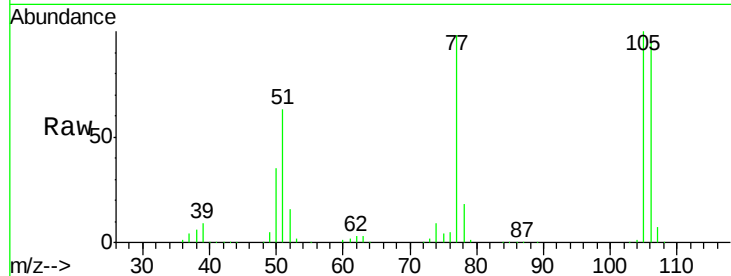
#9
Benzaldehyde
Concen: 39.548 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF096555.D
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PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	101.8	83.8	123.8
106	97.0	79.1	119.1

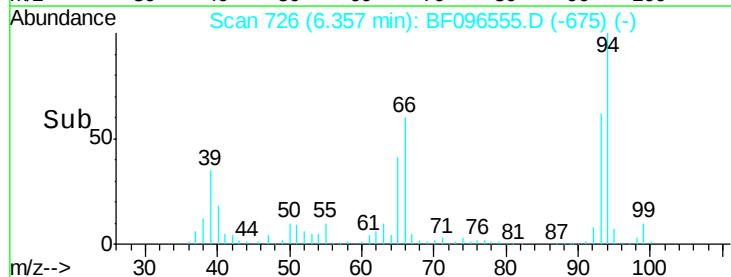
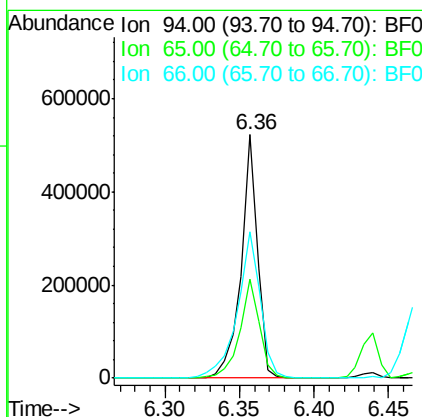
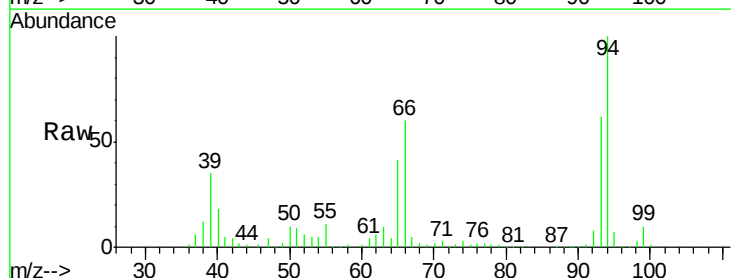
Manual Integrations
APPROVED

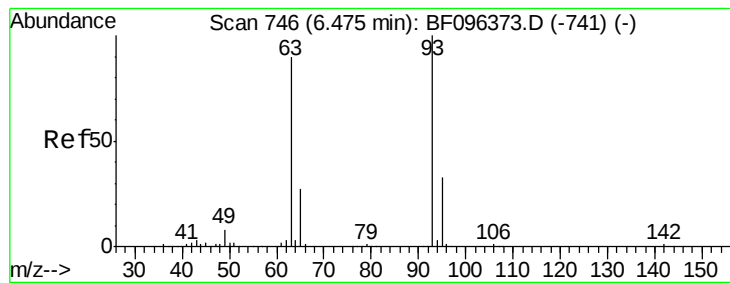
mohammad
7/10/2017 2:22:13 PM



#10
Phenol
Concen: 40.227 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.9	9.9	49.9
66	60.3	23.1	63.1





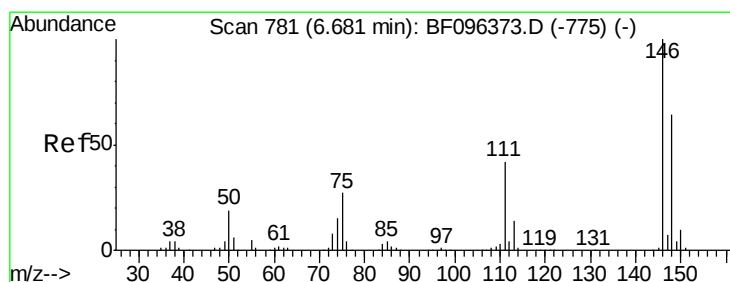
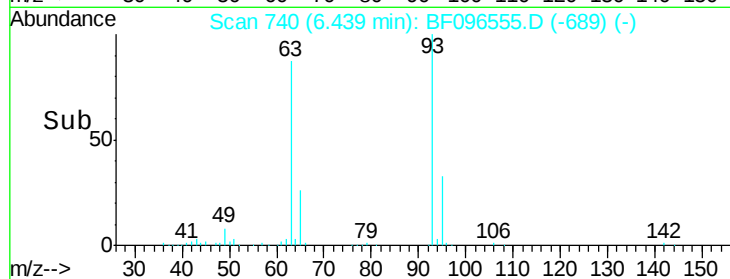
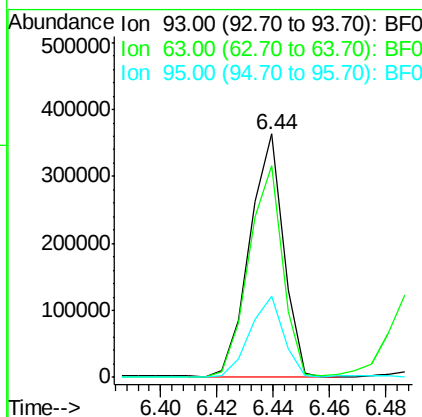
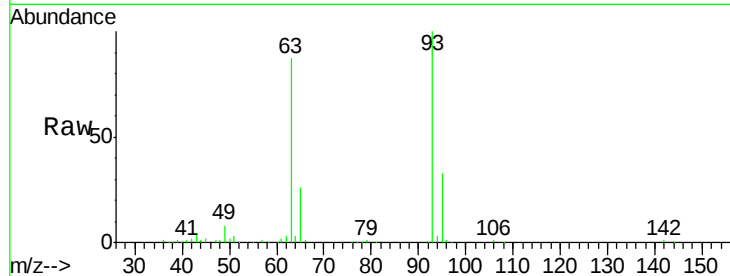
#11
bis(2-Chloroethyl)ether
Concen: 38.780 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.1	59.2	99.2
95	33.2	12.8	52.8

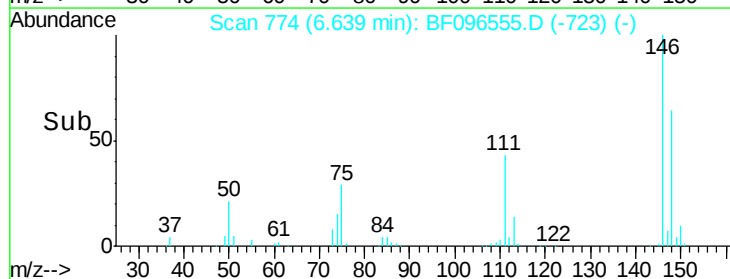
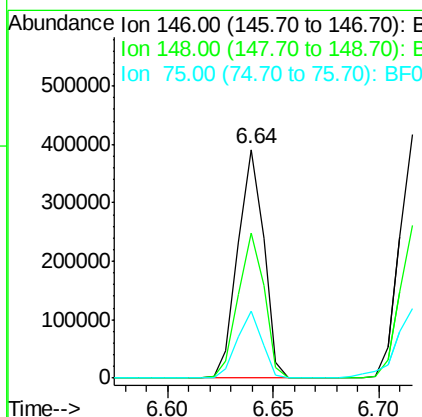
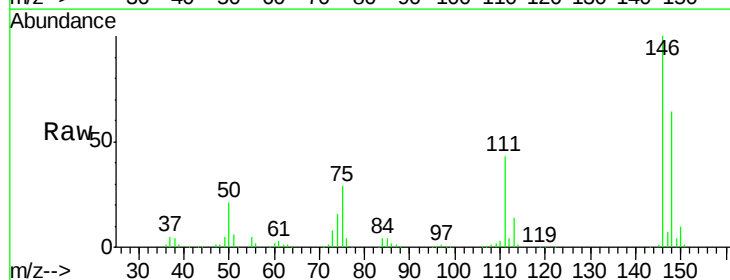
Manual Integrations
APPROVED

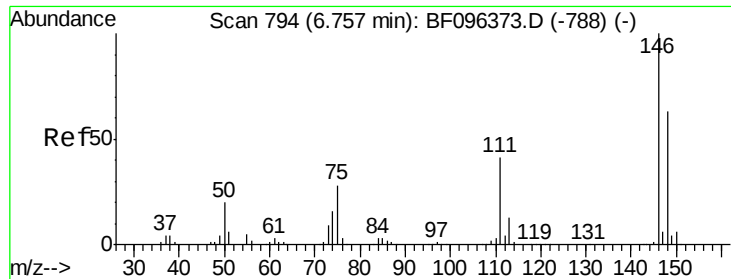
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.547 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	29.1	23.1	34.7





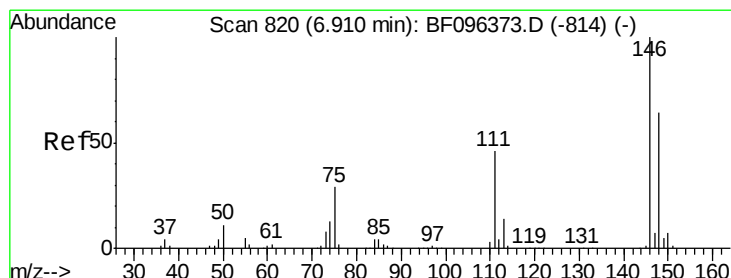
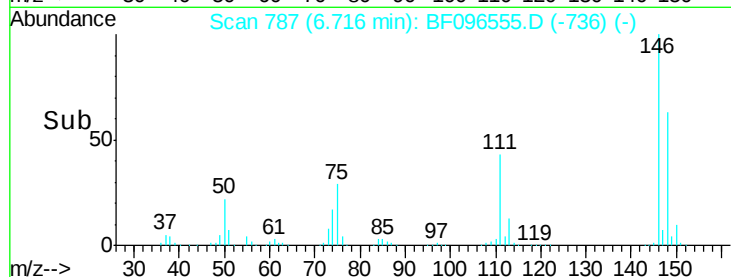
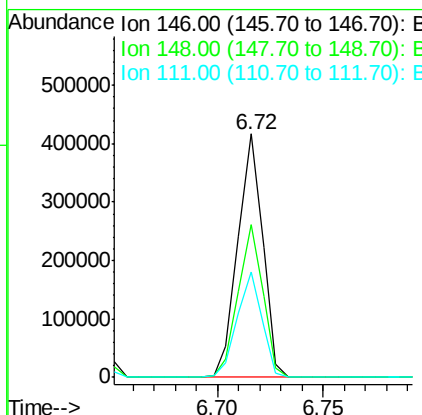
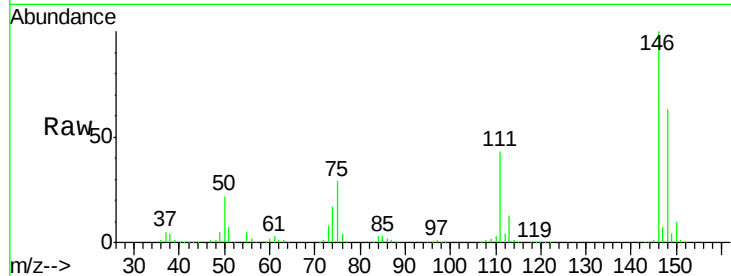
#13
 1,4-Dichlorobenzene
 Concen: 42.364 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	43.2	30.3	45.5

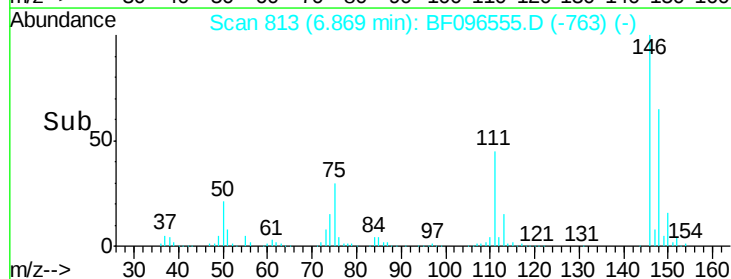
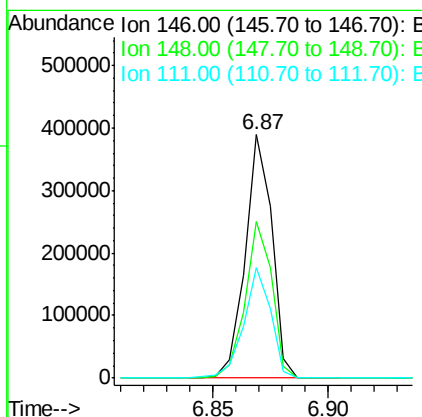
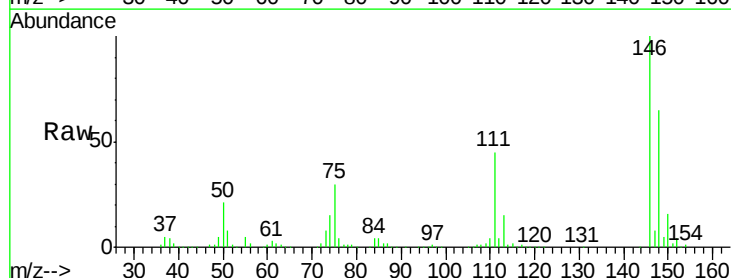
Manual Integrations
 APPROVED

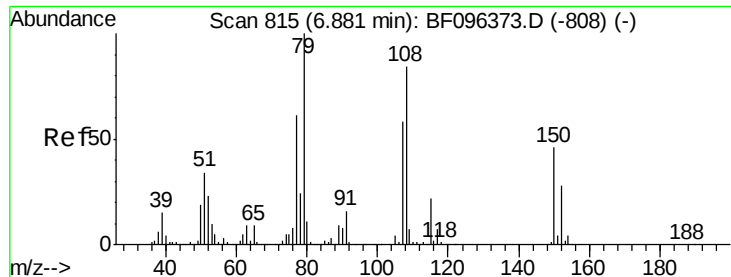
mohammad
 7/10/2017 2:22:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.942 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	45.3	38.2	57.4





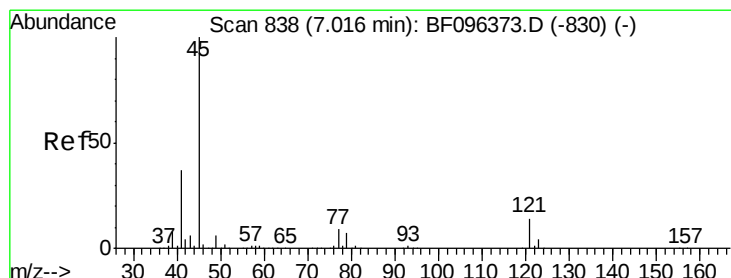
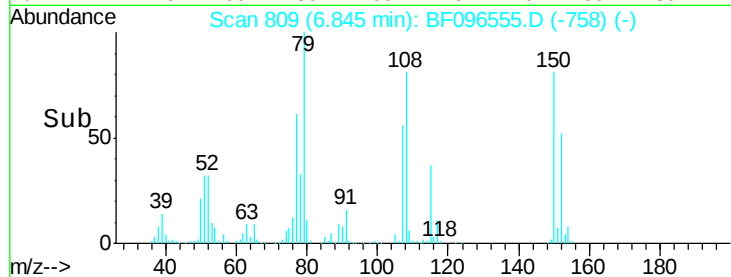
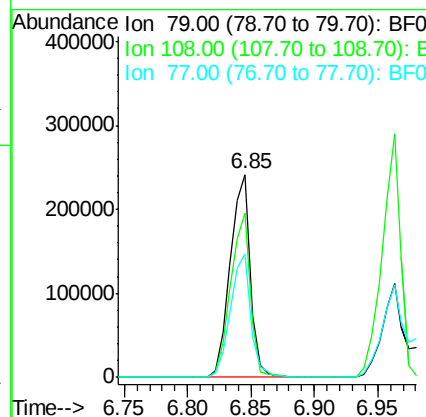
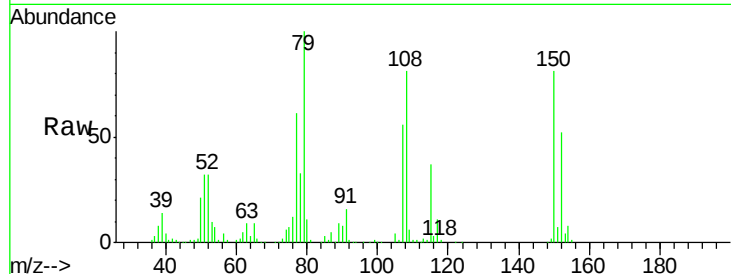
#15
Benzyl Alcohol
Concen: 44.767 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	264202		
108	81.3	63.4	95.0	
77	60.7	49.2	73.8	

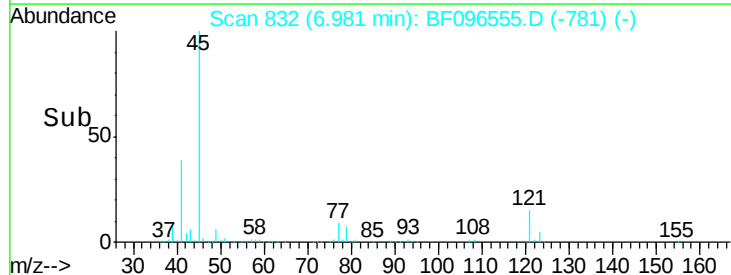
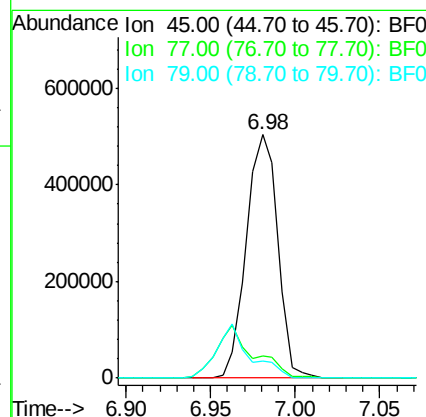
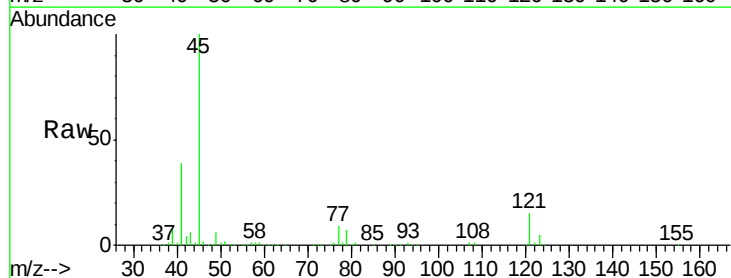
Manual Integrations
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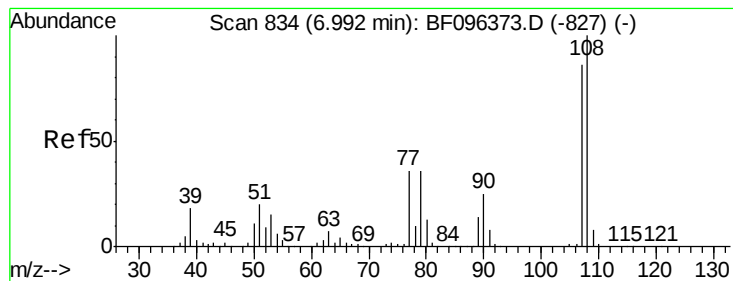
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.432 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	654720		
77	9.3	0.0	33.2	
79	7.2	0.0	30.0	





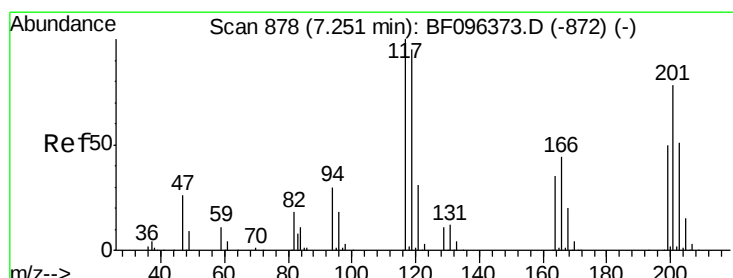
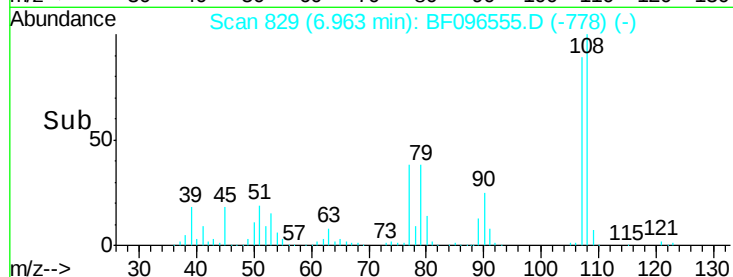
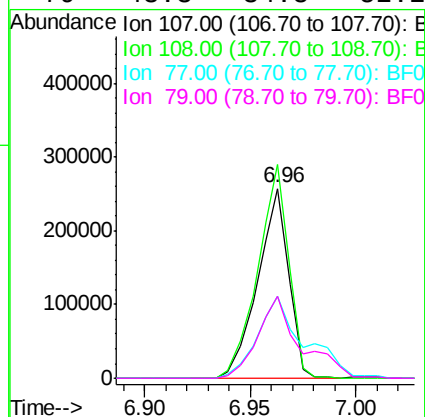
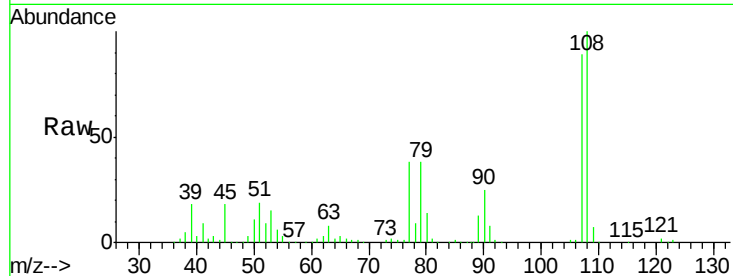
#17
2-Methylphenol
Concen: 43.082 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	262943		
108	112.7	93.4	140.0	
77	42.9	35.8	53.6	
79	43.3	34.8	52.2	

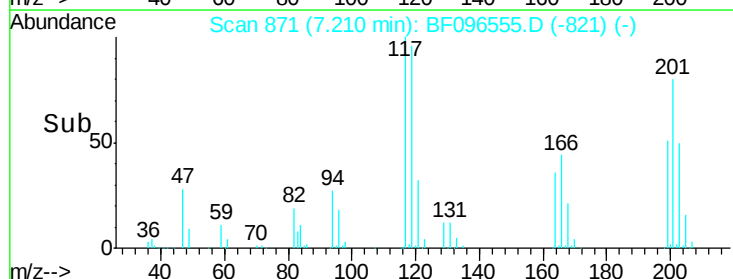
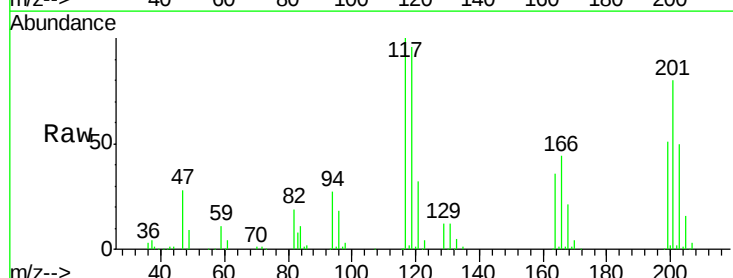
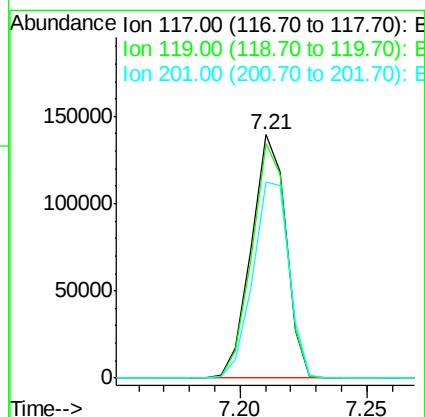
Manual Integrations
APPROVED

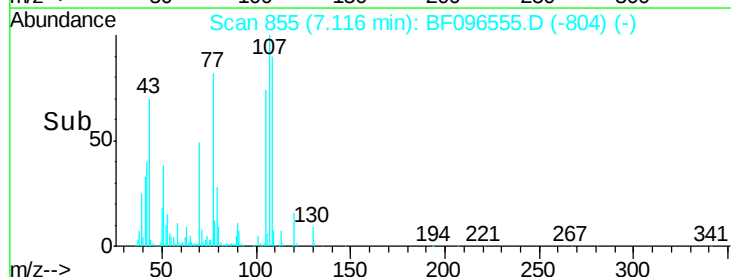
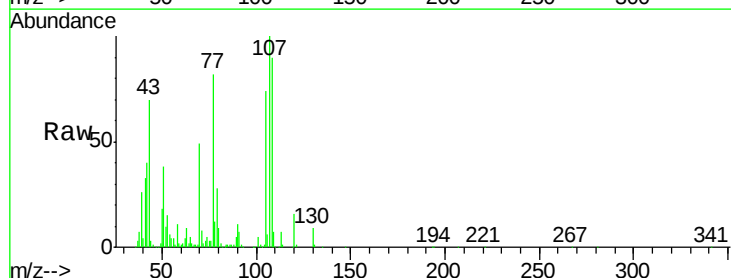
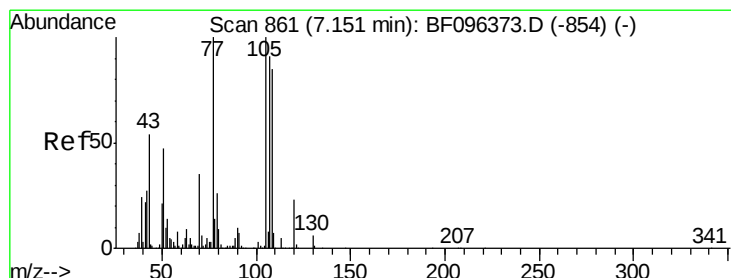
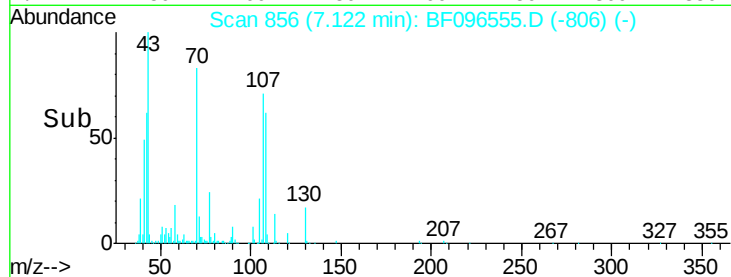
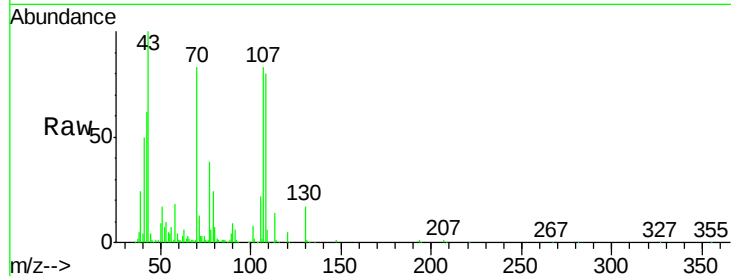
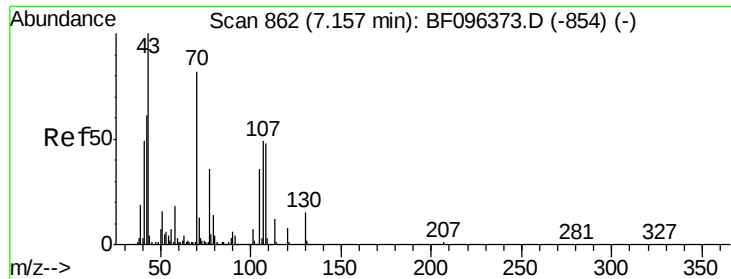
mohammad
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#18
Hexachloroethane
Concen: 45.796 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	133256		
119	96.2	77.4	116.0	
201	80.5	94.6	141.8#	





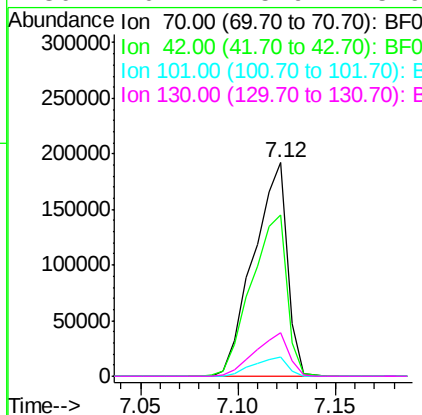
#19
n-Nitroso-di-n-propylamine
Concen: 43.894 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.3	47.2	70.8#
101	9.3	7.2	10.8
130	20.4	15.9	23.9

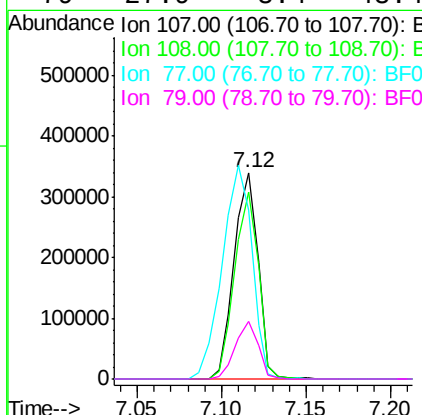
Manual Integrations
APPROVED

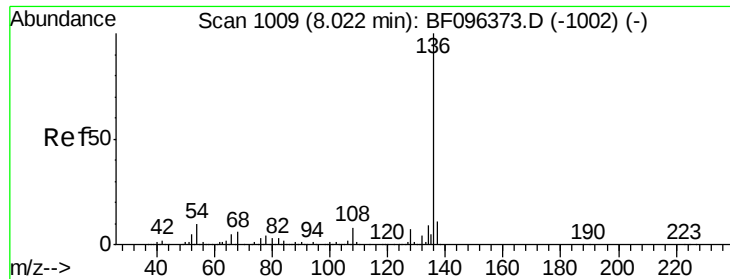
mohammad
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#20
3+4-Methylphenols
Concen: 49.465 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.0	111.0
77	81.9	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: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

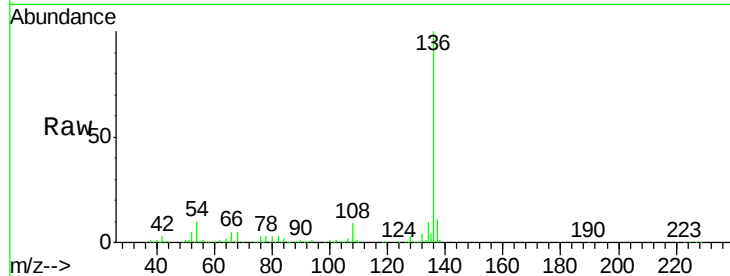
ClientSampleId :

PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	453761		
137	11.2	8.5	12.7	
54	10.2	4.9	7.3	
68	5.1	4.1	6.1	

Manual Integrations
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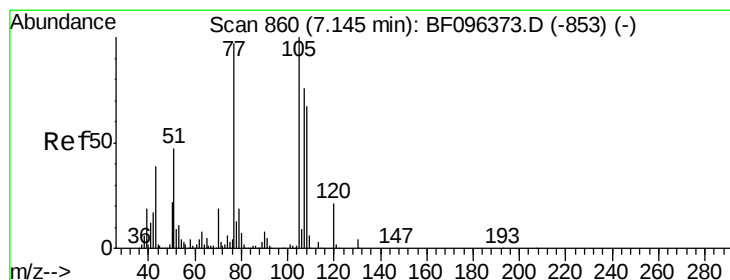
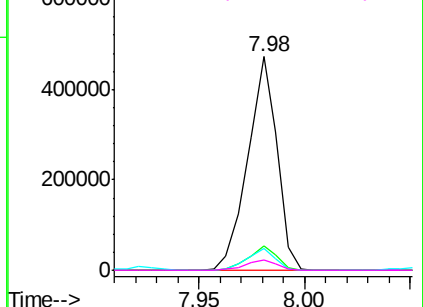
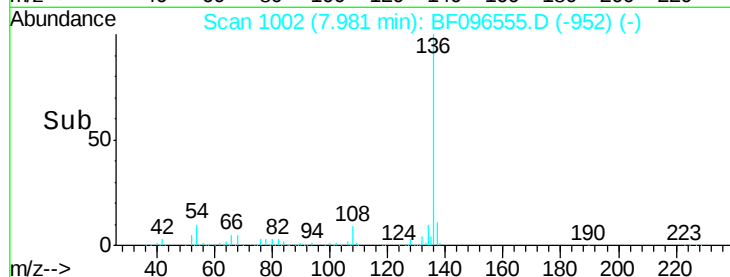


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.862 ng

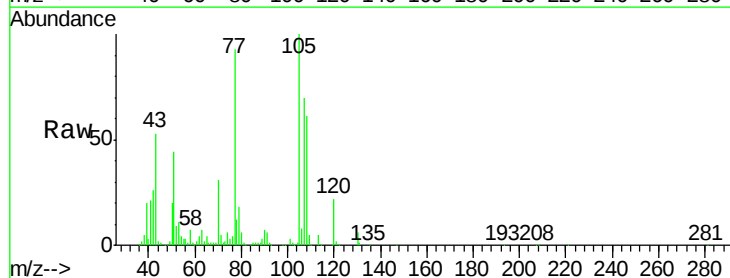
RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	454708		
71	5.4	2.8	4.2	
51	44.2	30.7	46.1	
120	21.7	17.4	26.0	

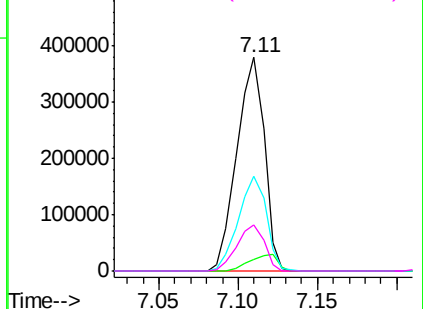
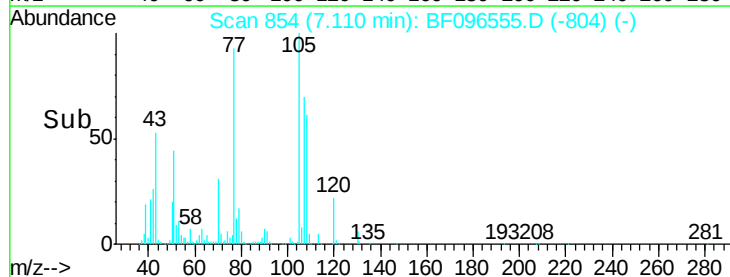


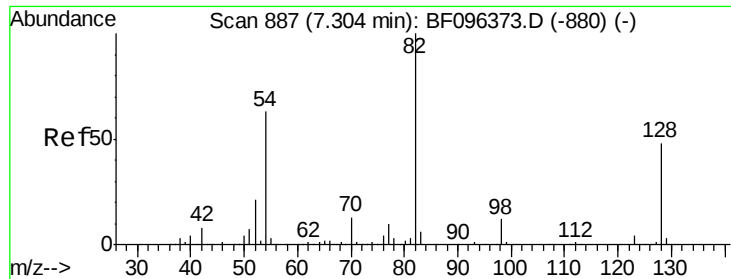
Abundance Ion 105.00 (104.70 to 105.70): E

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





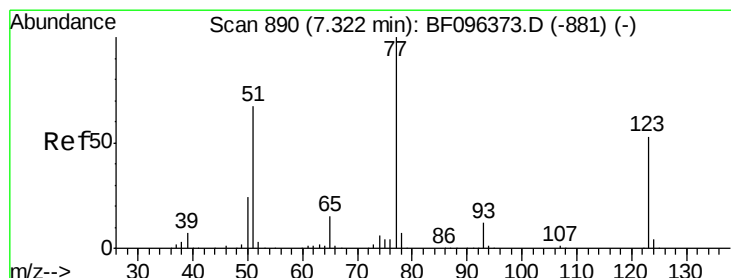
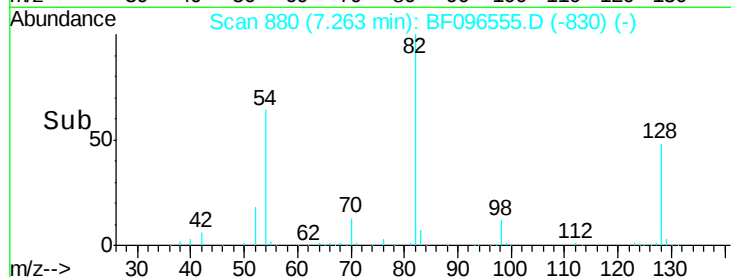
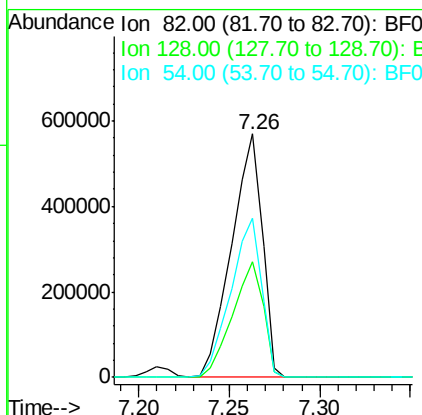
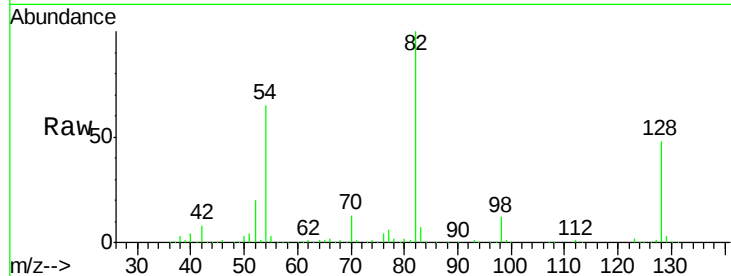
#23
 Nitrobenzene-d5
 Concen: 88.789 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	65.3	42.2	63.2

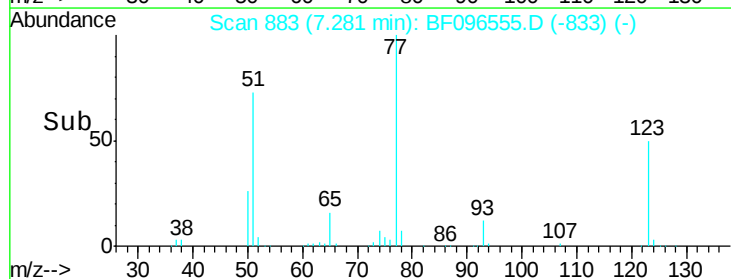
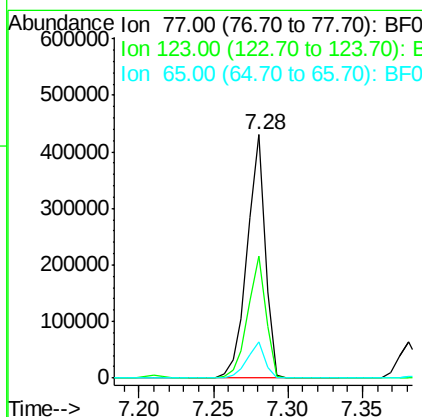
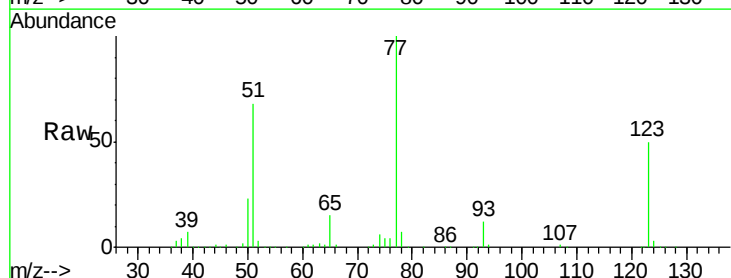
Manual Integrations
 APPROVED

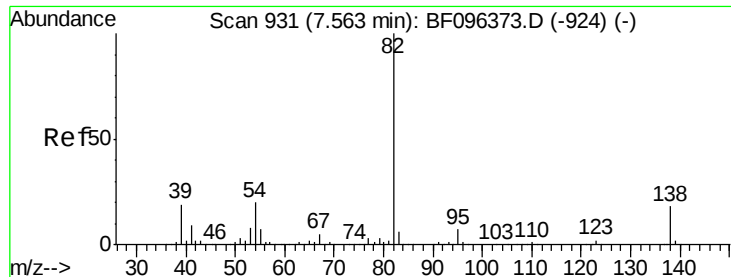
mohammad
 7/10/2017 2:22:13 PM



#24
 Nitrobenzene
 Concen: 45.594 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	35.8	53.8
65	14.8	10.6	15.8





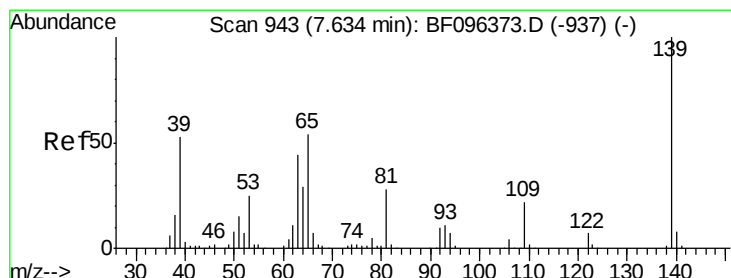
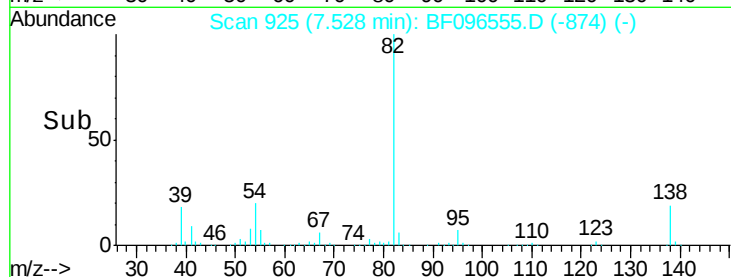
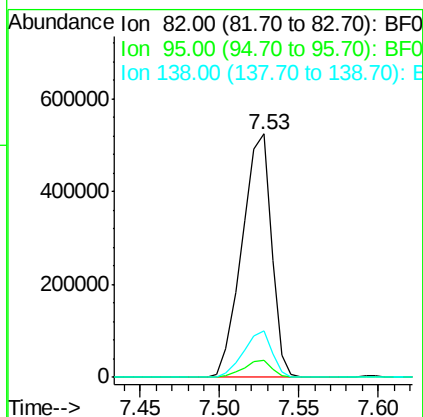
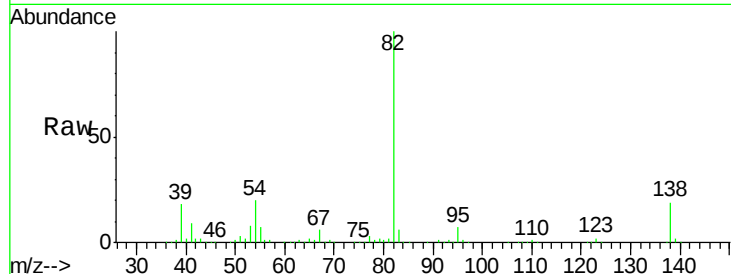
#25
Isophorone
Concen: 46.222 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	676748		
95	6.9	5.3	7.9	
138	19.0	13.1	19.7	

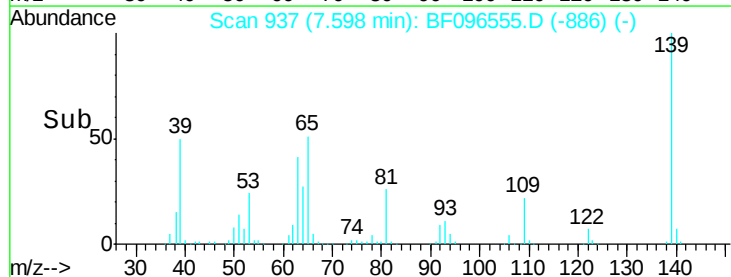
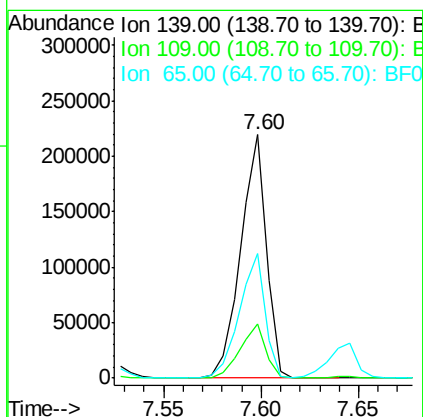
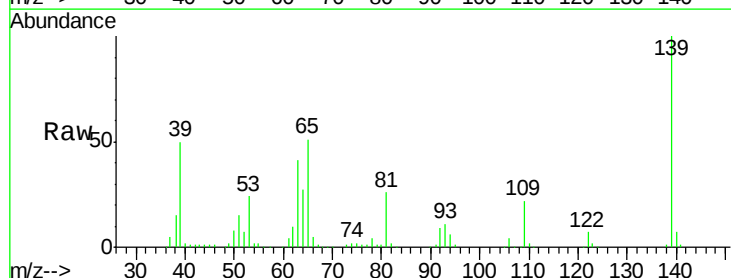
Manual Integrations
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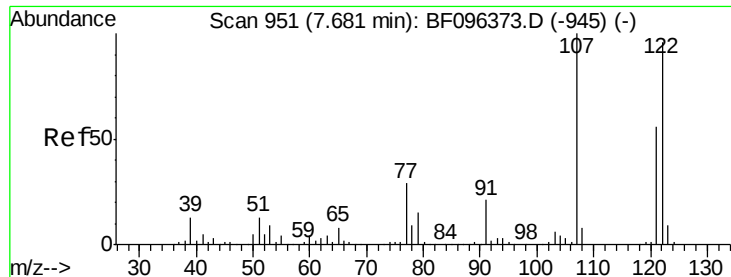
mohammad
7/10/2017 2:22:13 PM



#26
2-Nitrophenol
Concen: 47.692 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	199969		
109	22.4	21.0	31.6	
65	51.2	33.0	49.6	





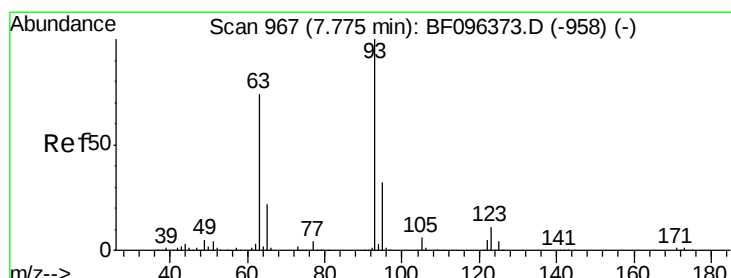
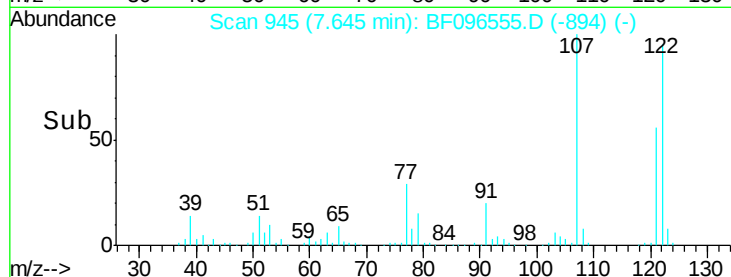
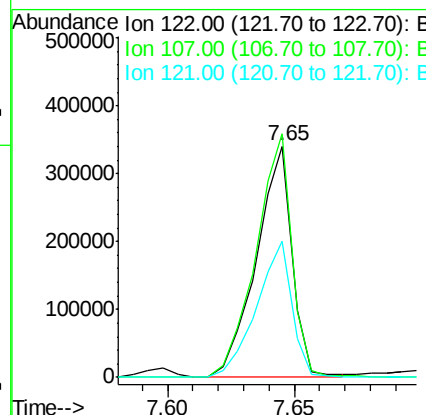
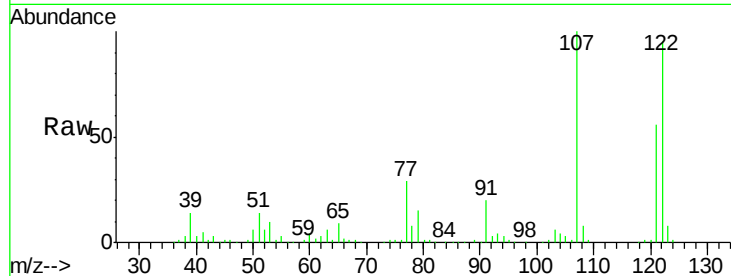
#27
 2,4-Dimethylphenol
 Concen: 47.037 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.2	89.2	133.8
121	58.9	45.2	67.8

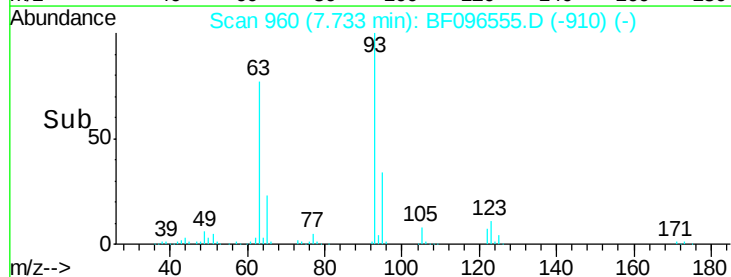
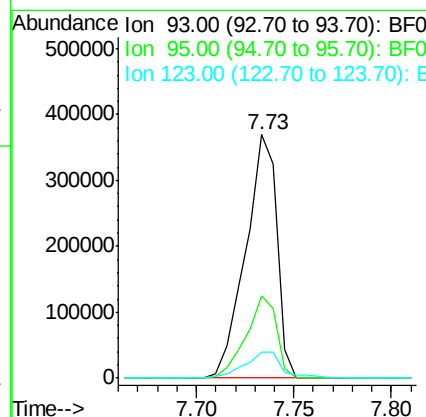
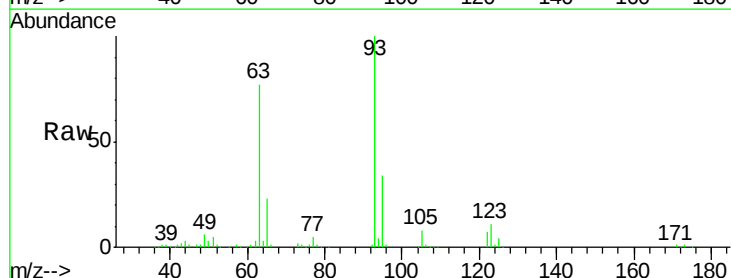
Manual Integrations
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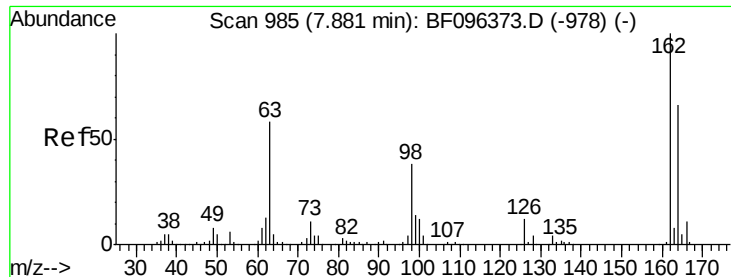
mohammad
 7/10/2017 2:22:13 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.399 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.5	39.7
123	10.8	9.0	13.4





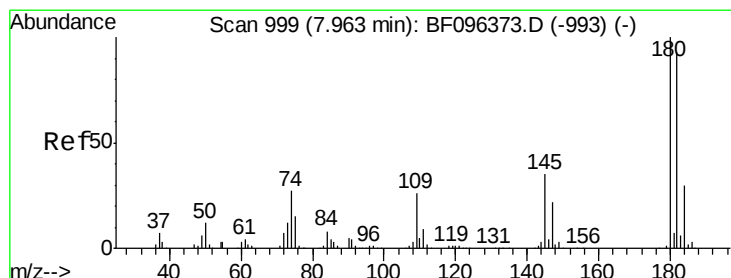
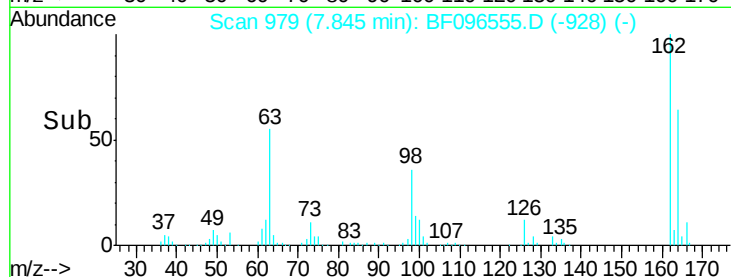
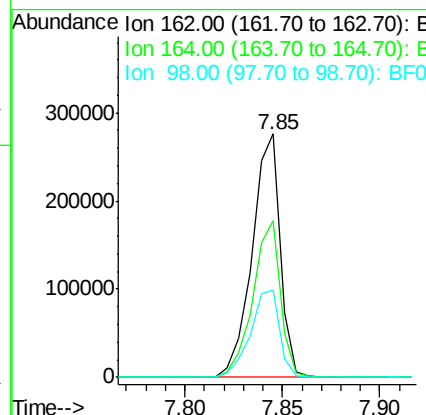
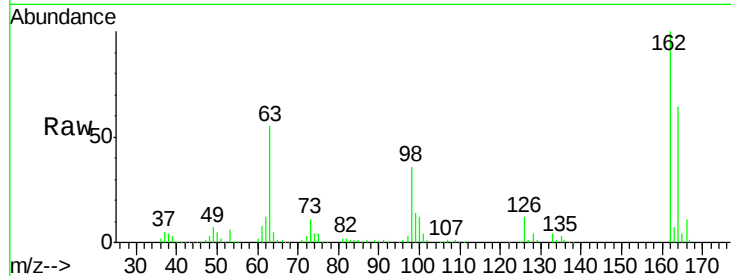
#29
 2,4-Dichlorophenol
 Concen: 44.665 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	44.6	84.6
98	35.7	14.8	54.8

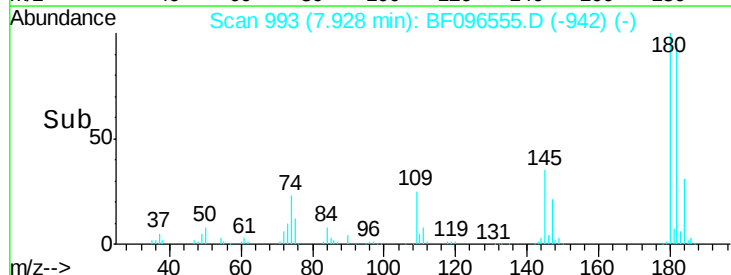
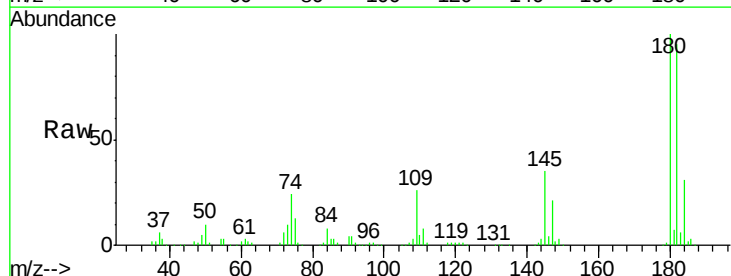
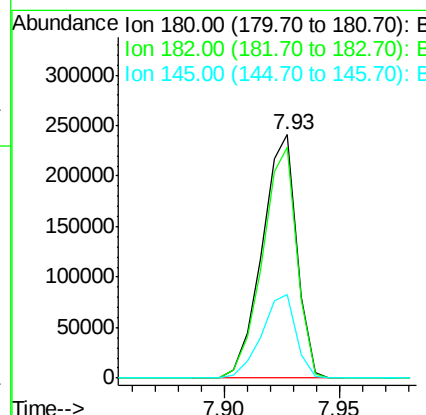
Manual Integrations
 APPROVED

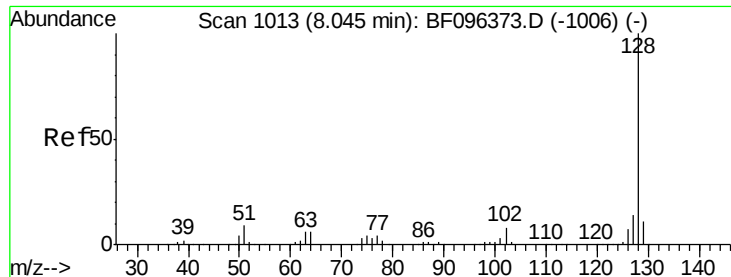
mohammad
 7/10/2017 2:22:13 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.357 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	75.8	113.6
145	34.5	25.3	37.9





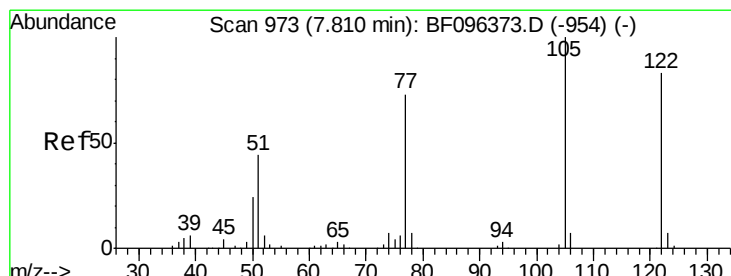
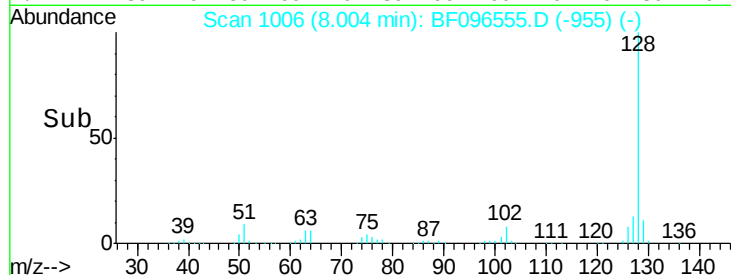
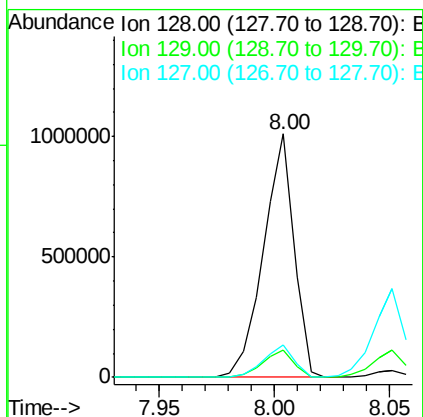
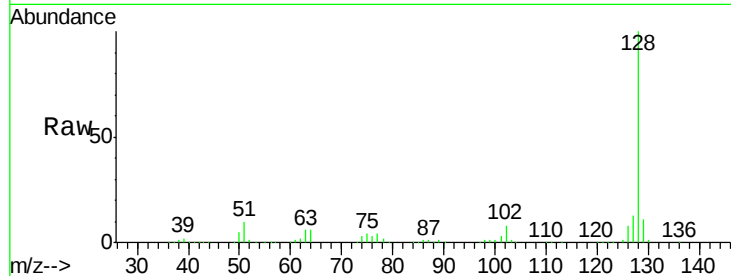
#31
Naphthalene
Concen: 43.458 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	930951		
129	11.2		9.0	13.6
127	13.3		10.8	16.2

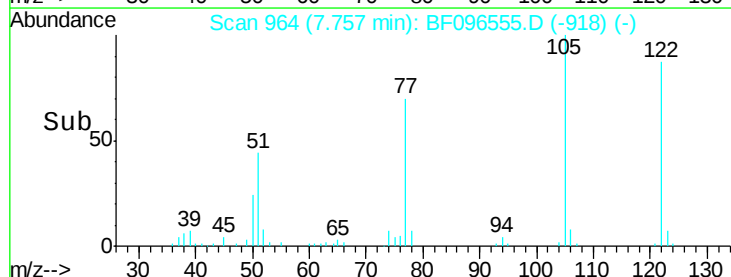
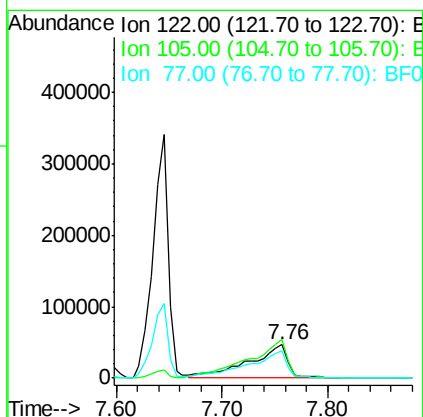
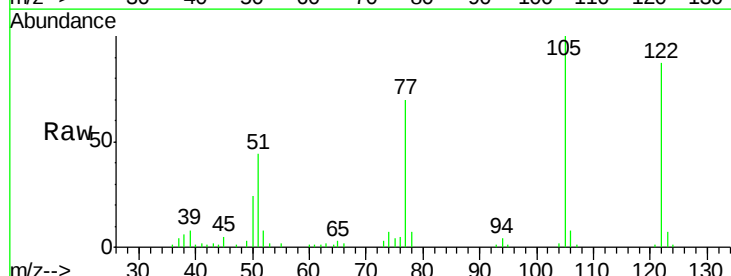
Manual Integrations
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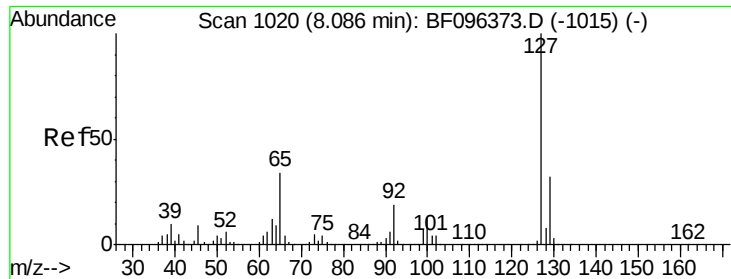
mohammad
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#32
Benzoic acid
Concen: 19.393 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	116283		
105	115.0		103.3	143.3
77	80.5		73.7	113.7





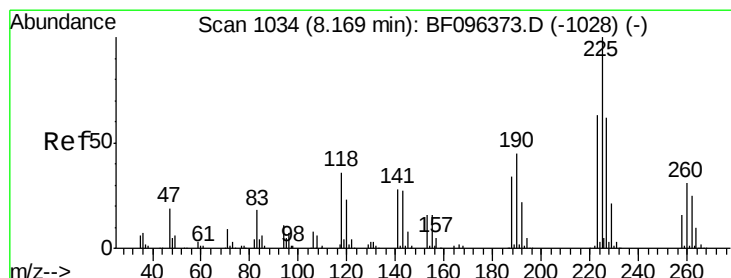
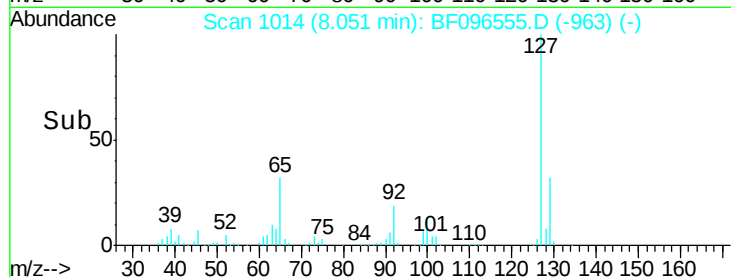
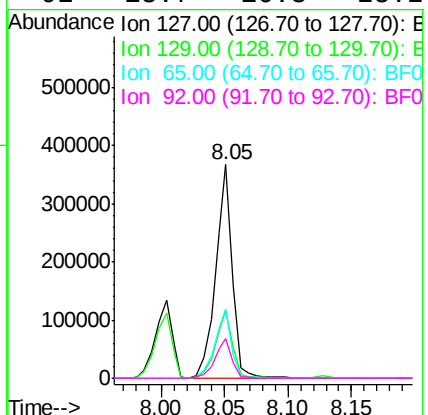
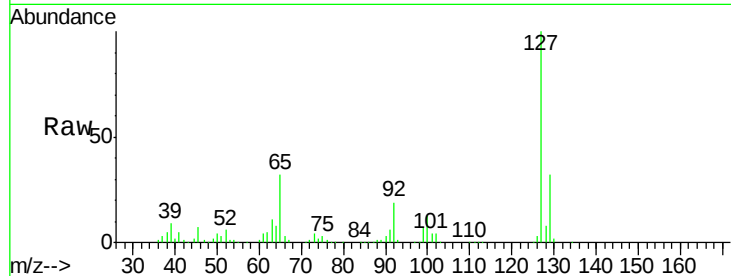
#33
4-Chloroaniline
Concen: 37.862 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	336887		
129	31.5	26.2	39.2	
65	32.1	27.8	41.8	
92	18.7	16.8	25.2	

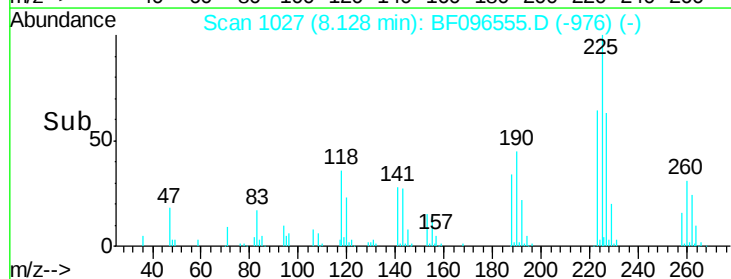
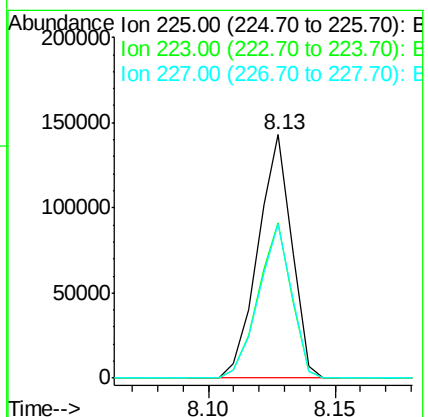
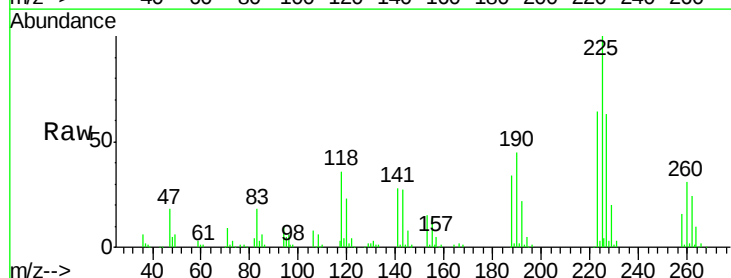
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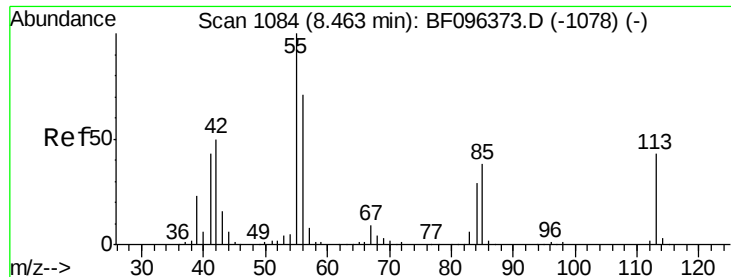
mohammad
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#34
Hexachlorobutadiene
Concen: 44.097 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131420		
223	63.9	48.8	73.2	
227	63.5	51.1	76.7	





#35

Caprolactam

Concen: 51.133 ng m

RT: 8.42 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

PET-BF001-01MSD

Tgt Ion:113 Resp: 108612

Ion Ratio Lower Upper

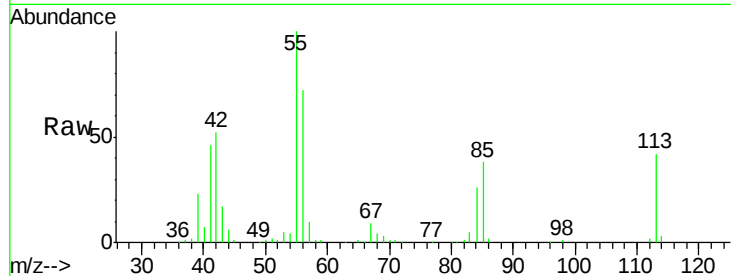
113 100

55 238.8 150.2 190.2#

56 172.6 107.8 147.8#

Manual Integrations
APPROVED

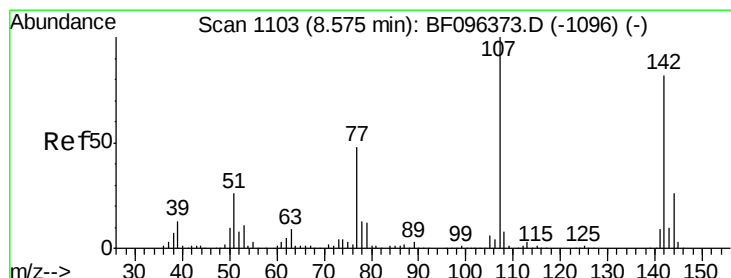
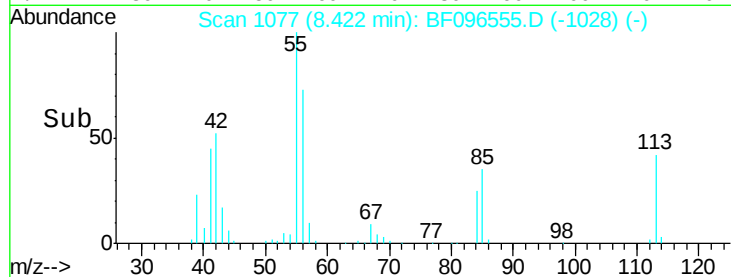
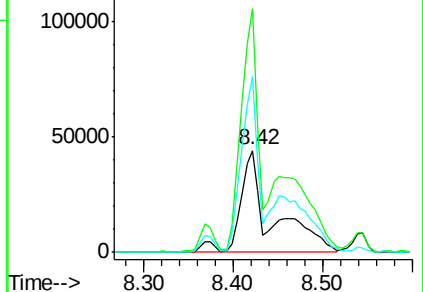
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.932 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

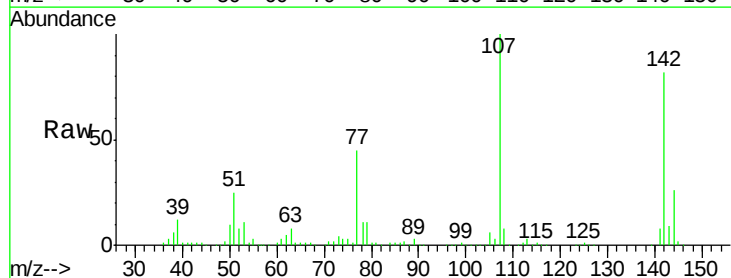
Tgt Ion:107 Resp: 326695

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

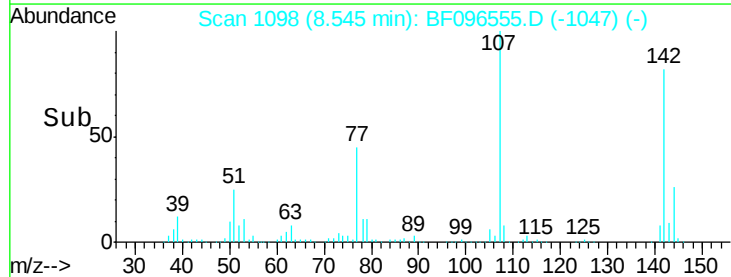
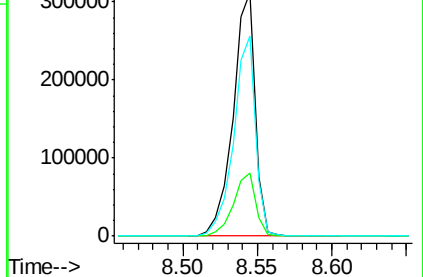
142 82.0 73.4 110.0

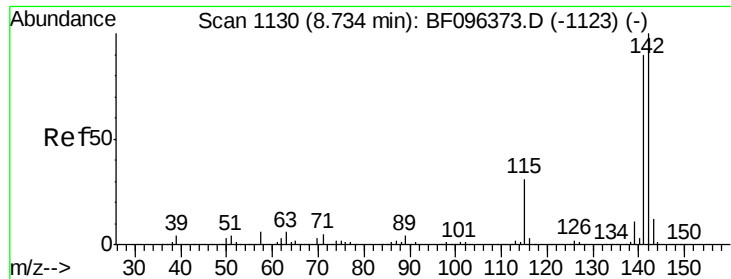


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





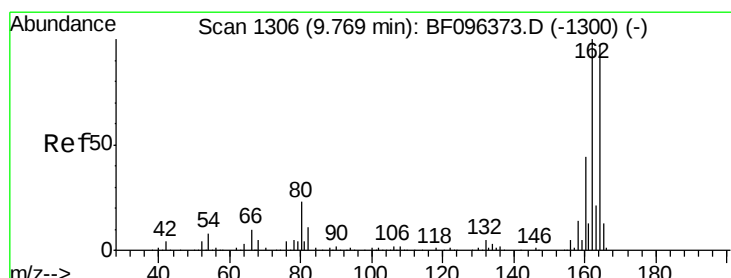
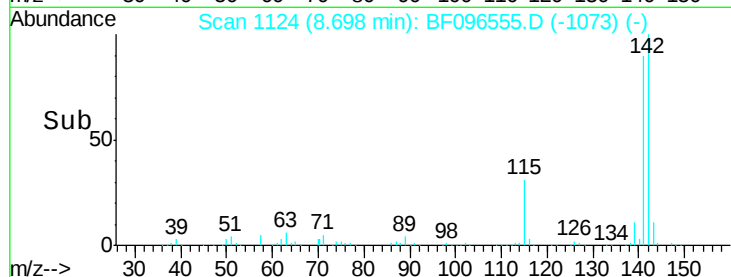
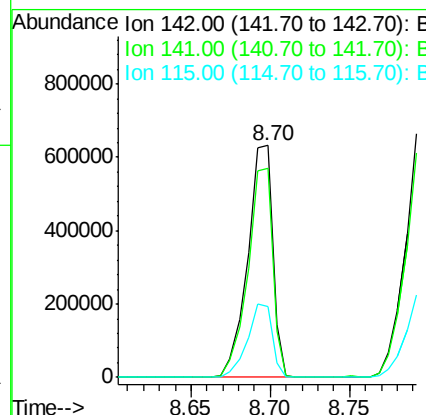
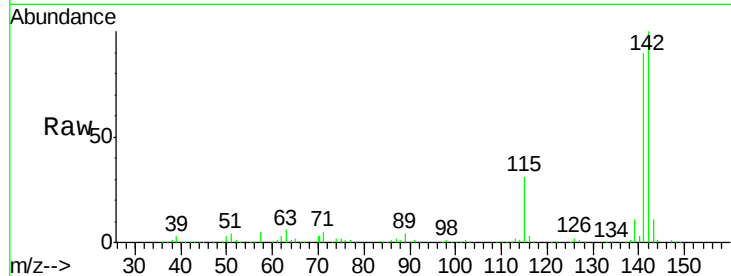
#37
2-Methylnaphthalene
Concen: 50.807 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9
115	30.8	27.1	40.7

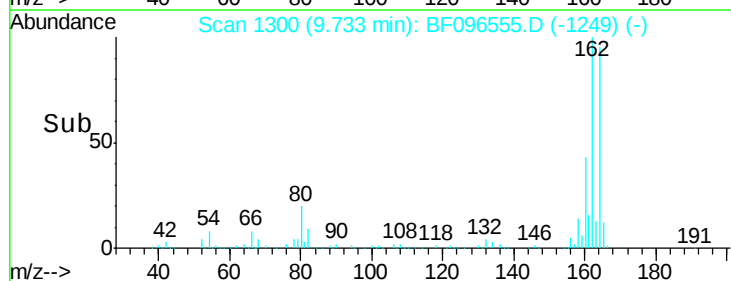
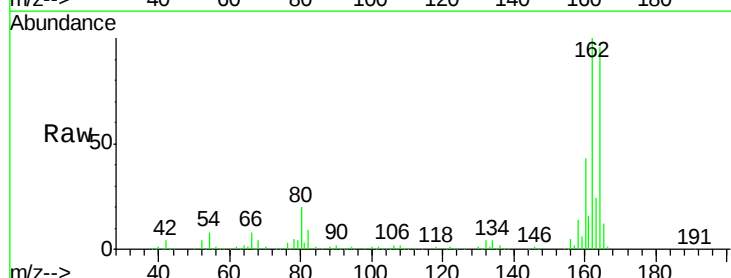
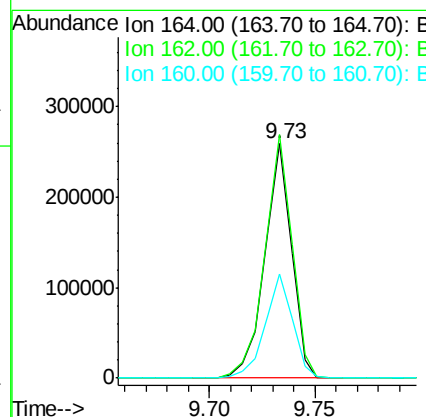
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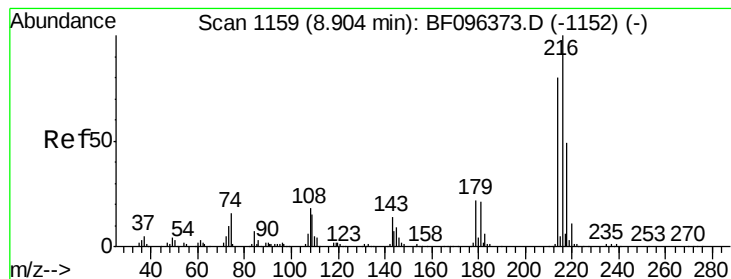
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.342 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

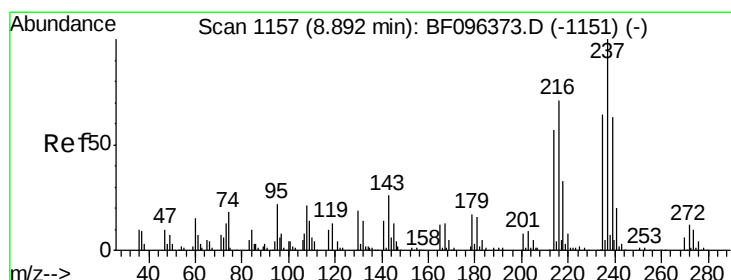
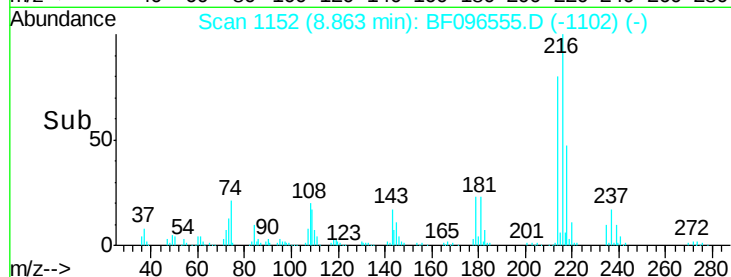
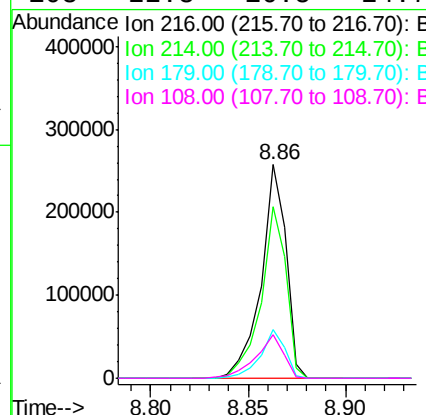
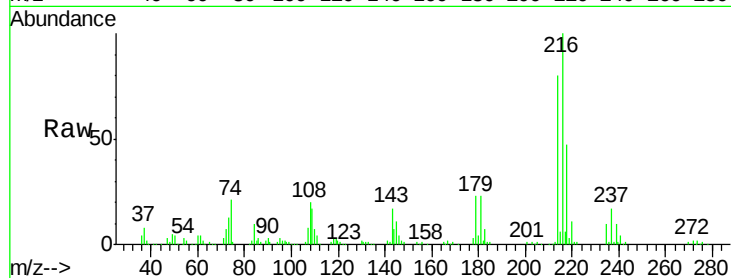
ClientSampleId :

PET-BF001-01MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		228808		
214	80.4		63.4	95.2	
179	22.6		17.9	26.9	
108	22.8		16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 77.413 ng

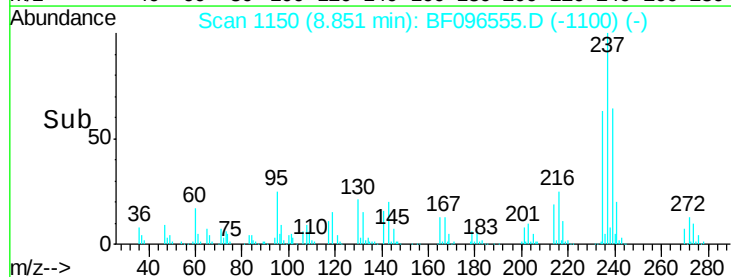
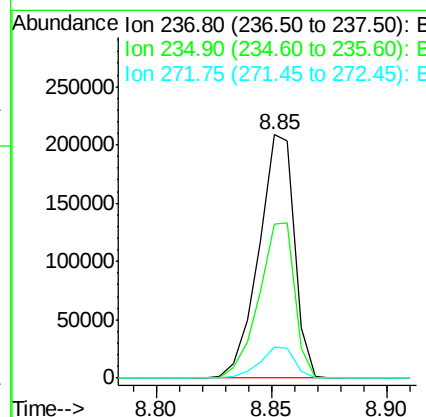
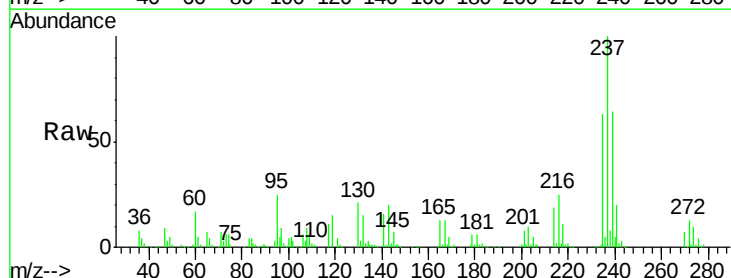
RT: 8.85 min Scan# 1150

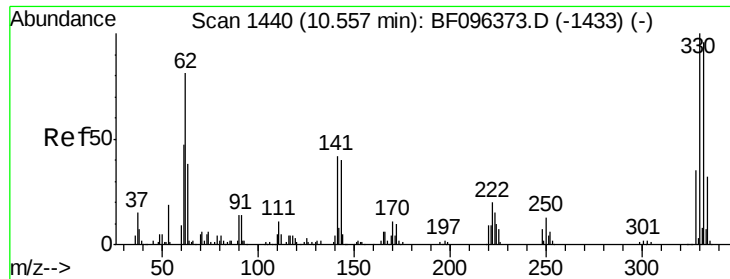
Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		224622		
235	63.0		42.6	82.6	
272	12.7		0.0	31.9	





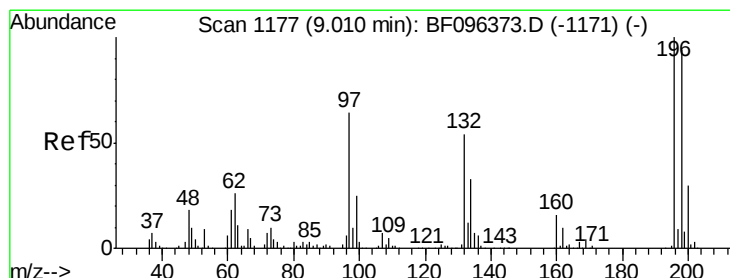
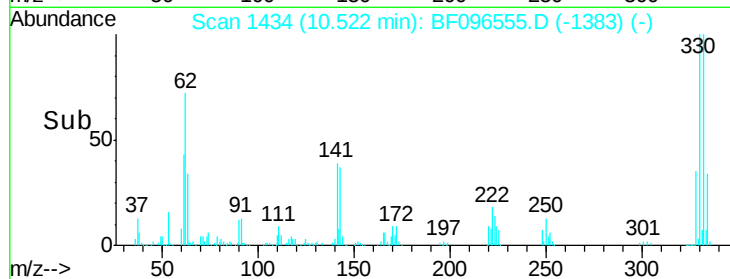
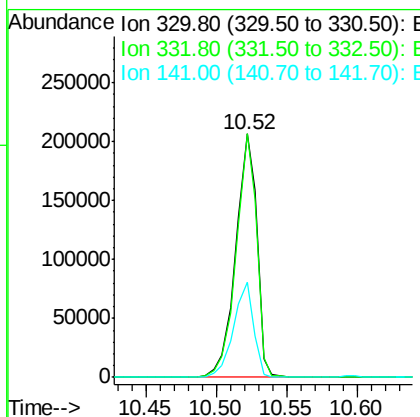
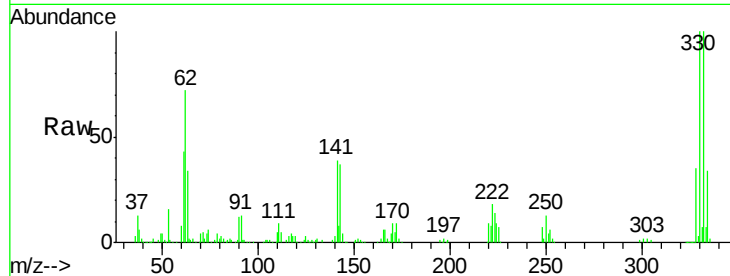
#41
 2,4,6-Tribromophenol
 Concen: 119.484 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	37.3	31.4	47.2

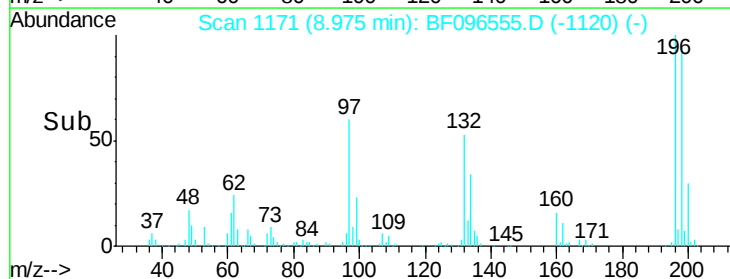
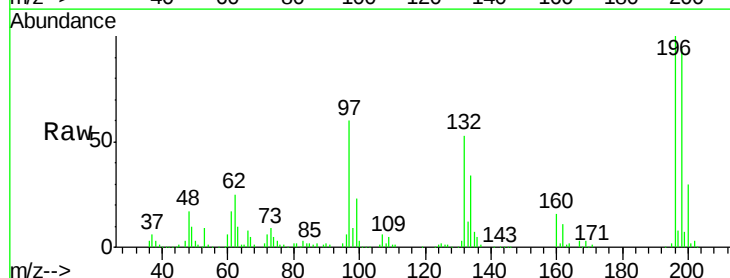
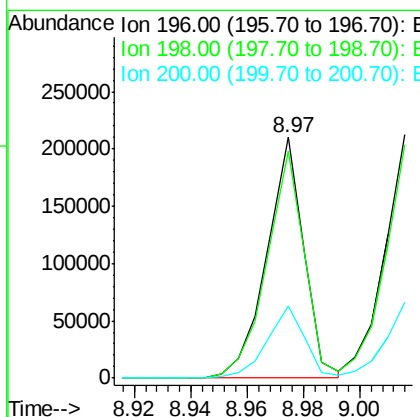
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#42
 2,4,6-Trichlorophenol
 Concen: 40.496 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.2	111.4
200	30.0	24.0	36.0





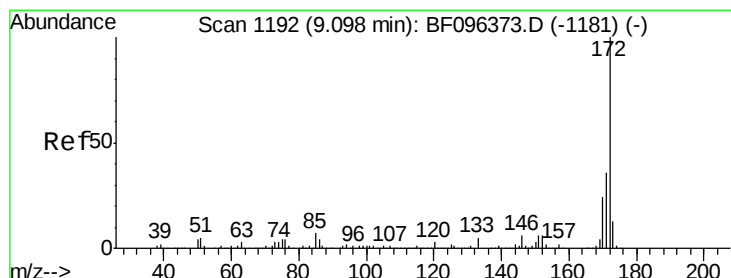
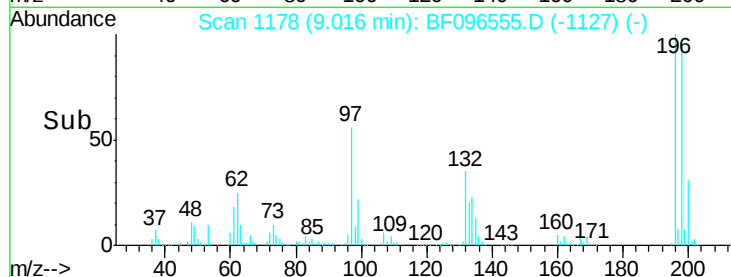
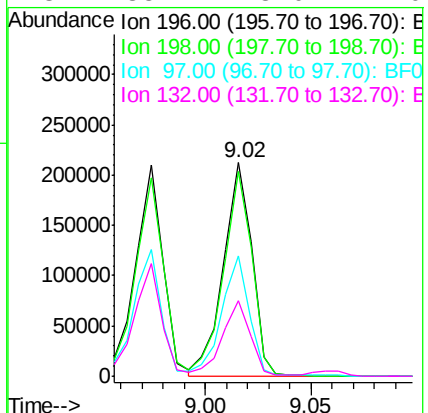
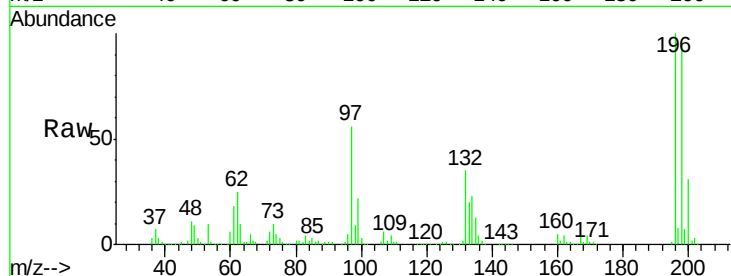
#43
 2,4,5-Trichlorophenol
 Concen: 42.552 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198619		
198	96.0	75.7	113.5	
97	56.5	47.7	71.5	
132	35.2	28.0	42.0	

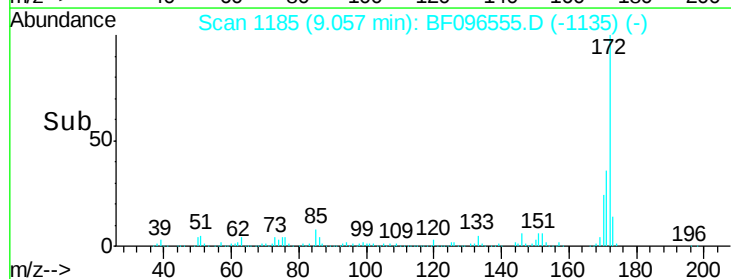
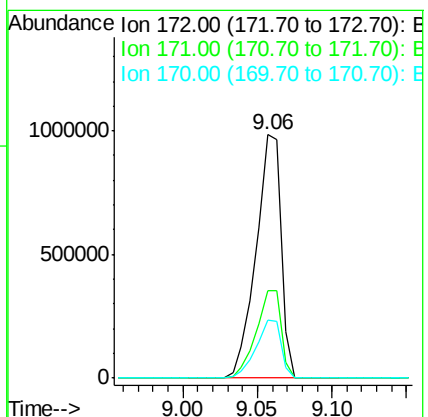
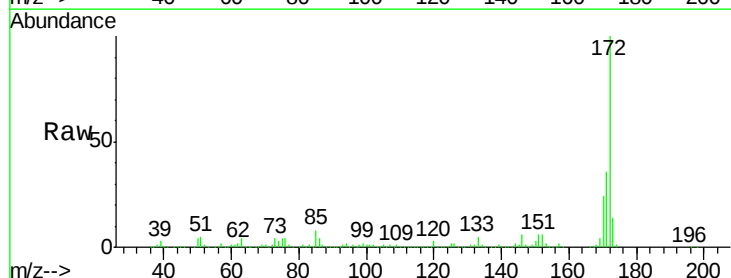
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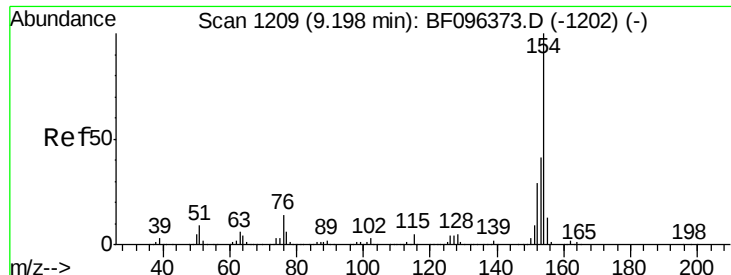
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#44
 2-Fluorobiphenyl
 Concen: 84.588 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1137030		
171	36.1	29.6	44.4	
170	24.0	19.8	29.8	





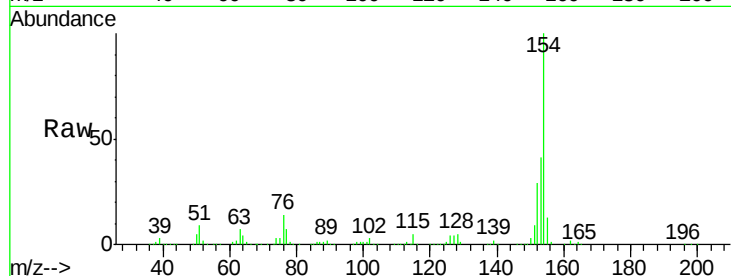
#45
 1,1'-Biphenyl
 Concen: 39.098 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

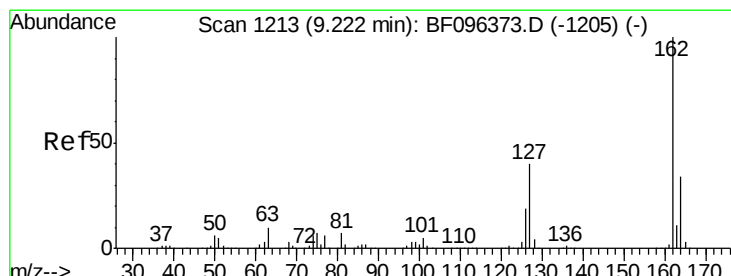
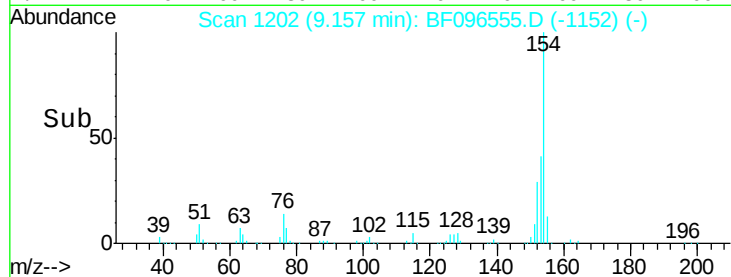
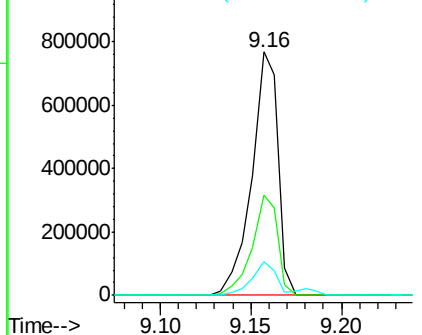
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.0	21.2	61.2
76	13.8	0.0	29.9

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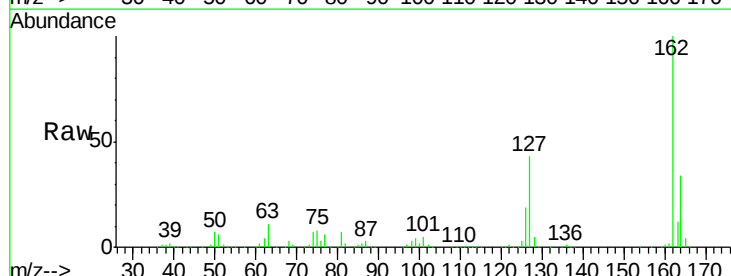


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

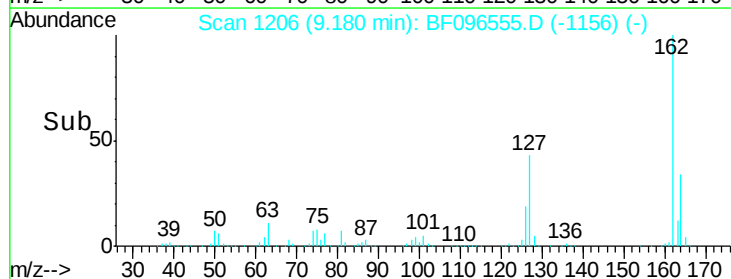
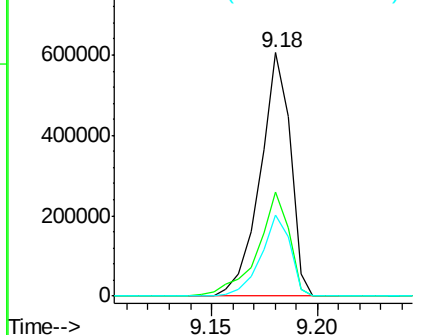


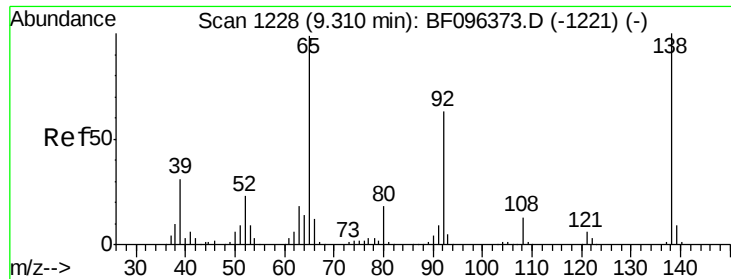
#46
 2-Chloronaphthalene
 Concen: 41.034 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	42.7	28.3	42.5#
164	33.5	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





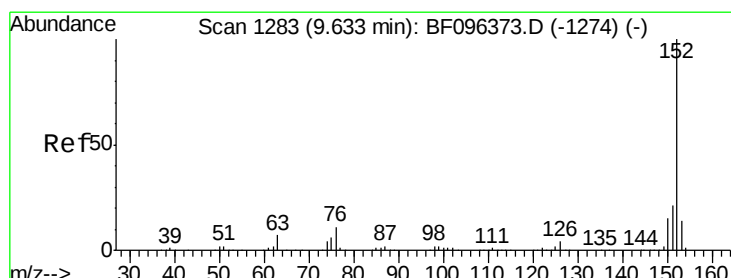
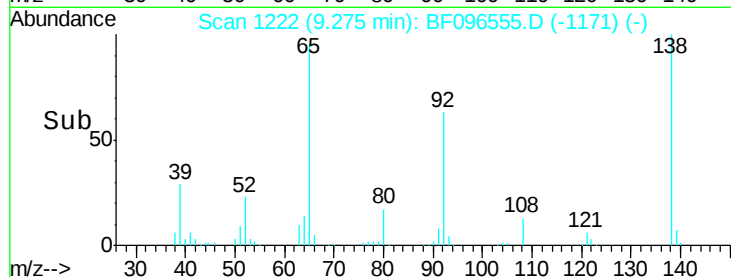
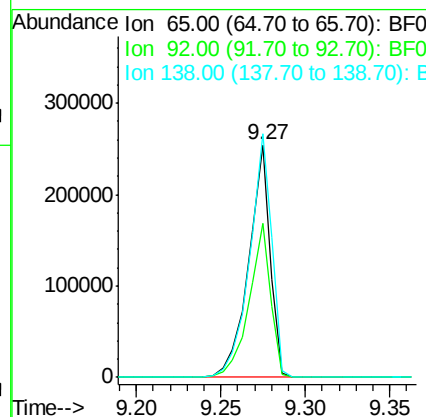
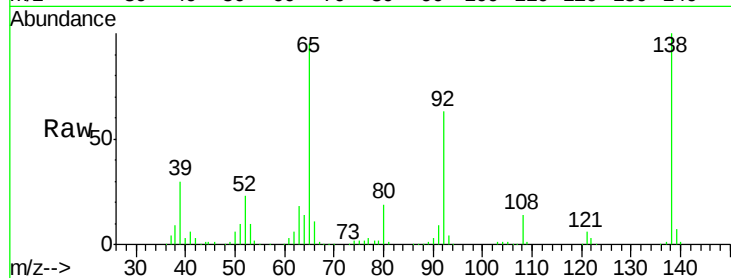
#47
2-Nitroaniline
Concen: 42.441 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.9	80.9
138	104.8	78.8	118.2

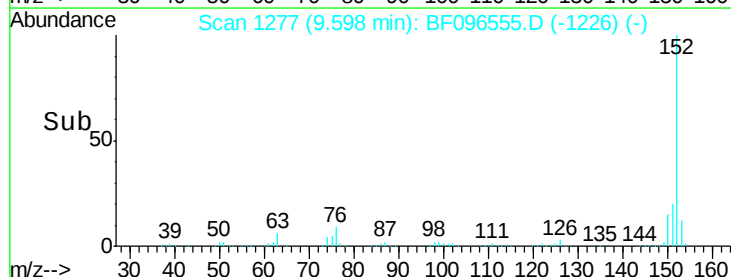
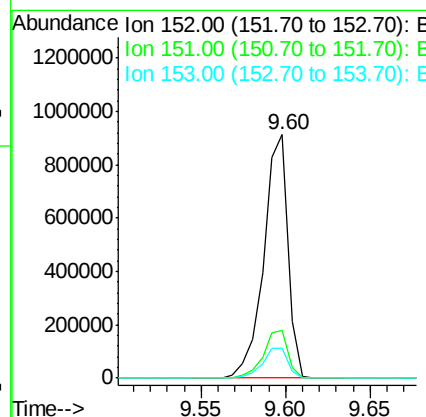
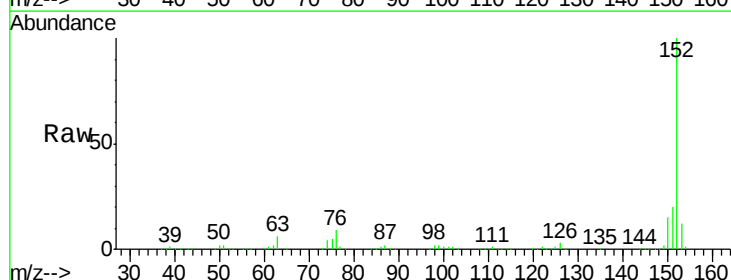
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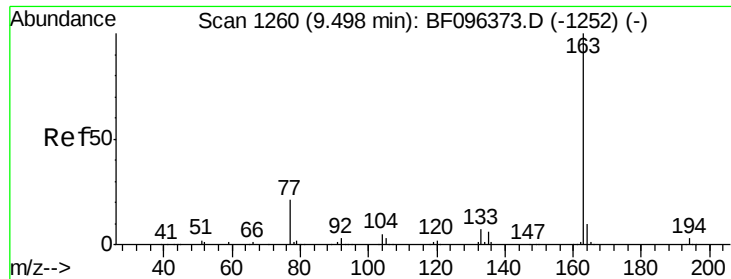
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#48
Acenaphthylene
Concen: 39.072 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	12.5	10.8	16.2





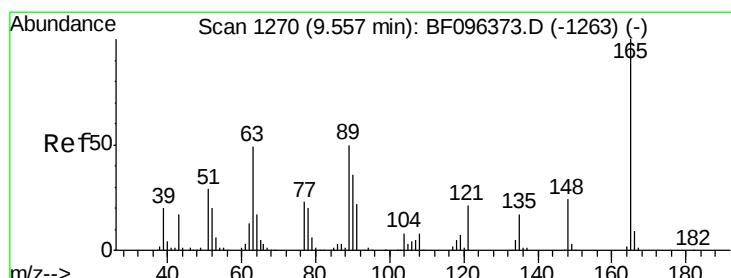
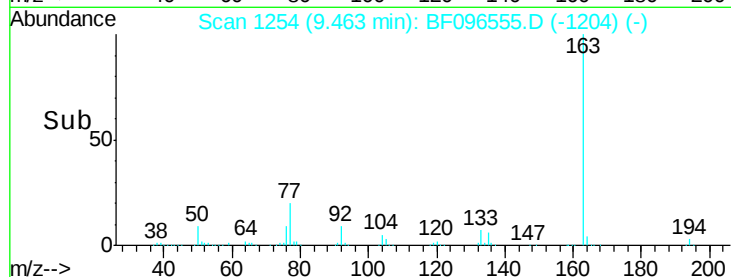
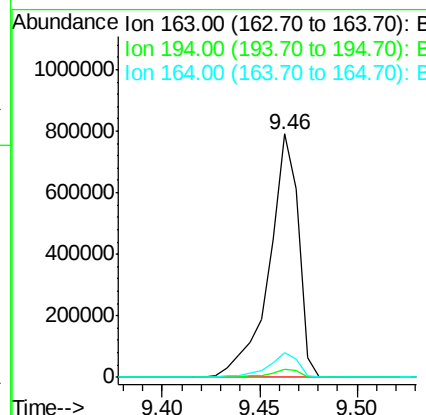
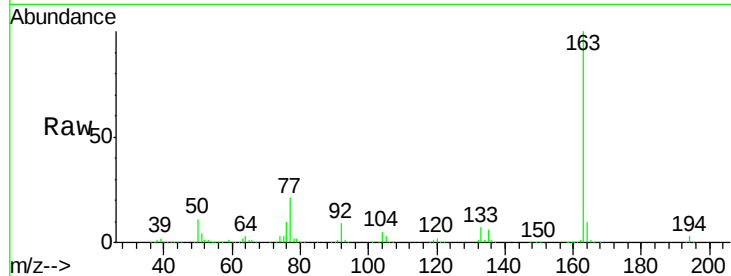
#49
Dimethylphthalate
Concen: 47.873 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	821349		
194	3.2	2.6	4.0	
164	10.0	8.4	12.6	

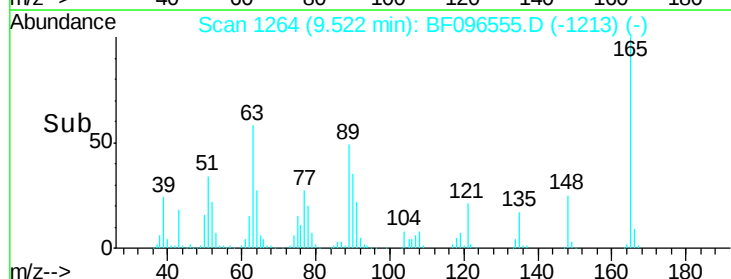
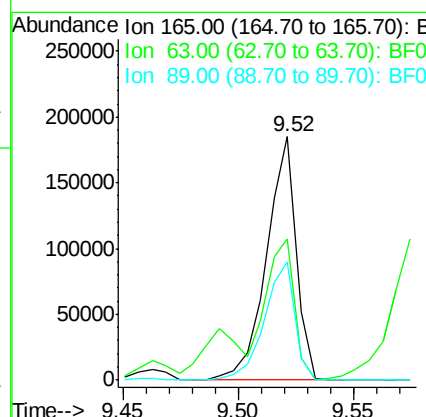
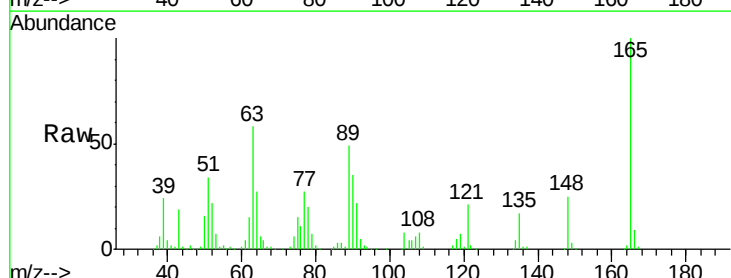
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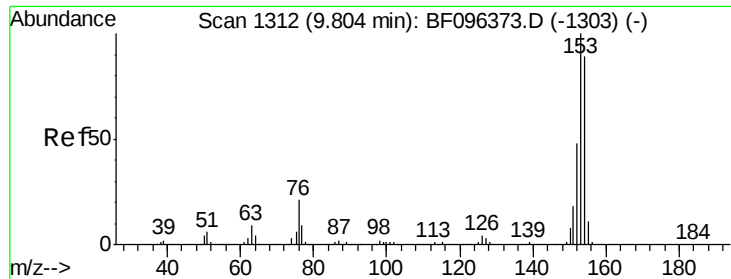
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#50
2,6-Dinitrotoluene
Concen: 43.690 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165759		
63	58.0	34.3	51.5#	
89	48.5	37.1	55.7	





#51

Acenaphthene

Concen: 38.841 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

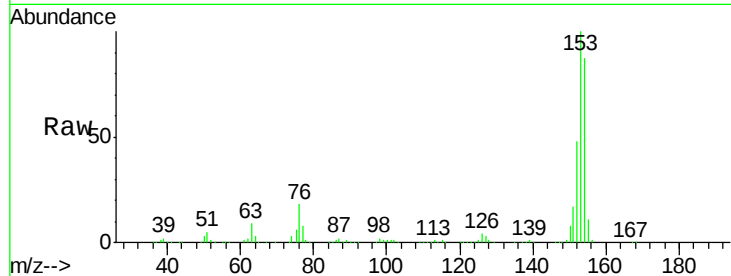
ClientSampleId :

PET-BF001-01MSD

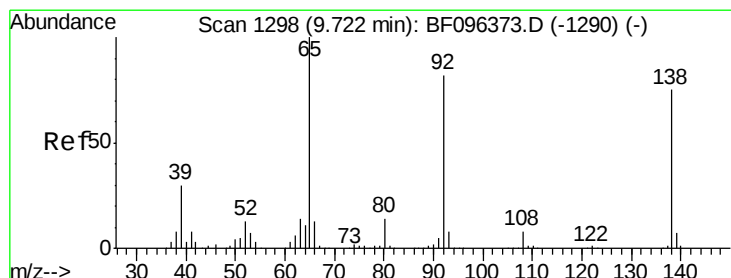
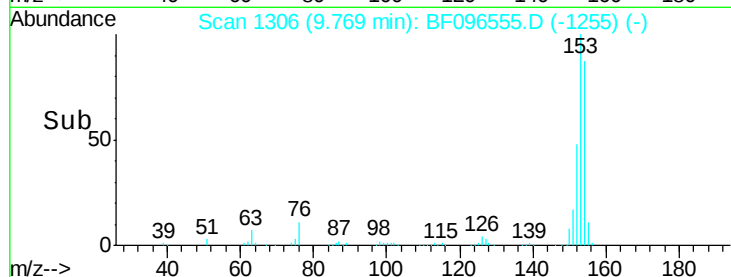
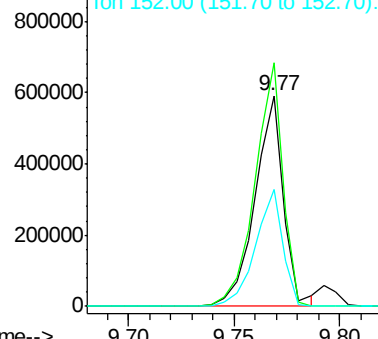
Tgt Ion:	154	Resp:	556736
Ion Ratio	Lower	Upper	
154	100		
153	115.5	90.5	135.7
152	55.5	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.961 ng

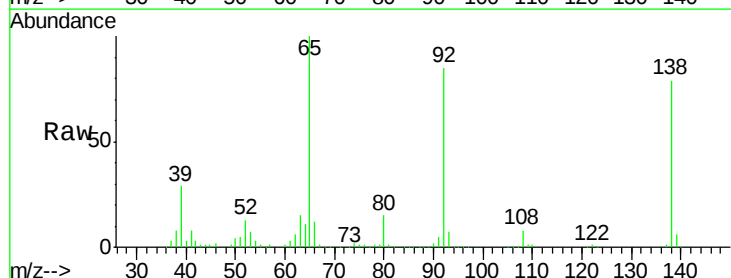
RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

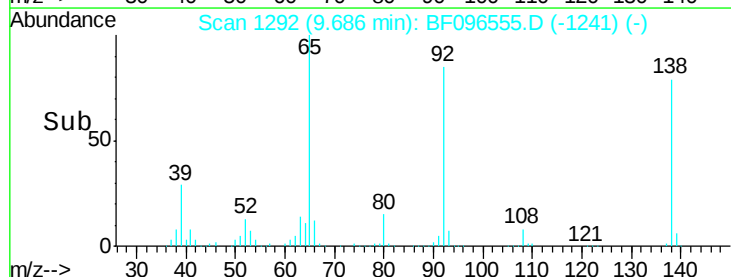
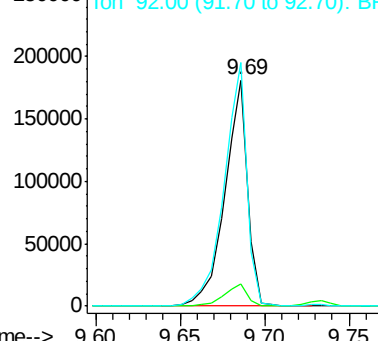
Lab File: BF096555.D

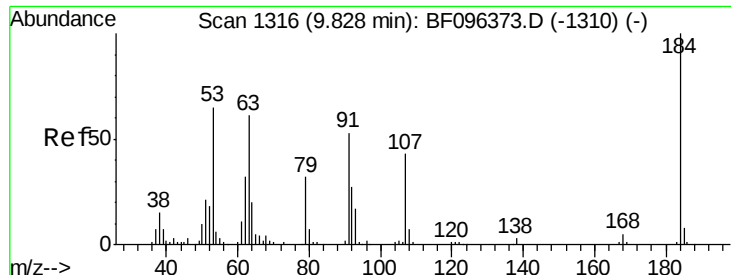
Acq: 7 Jul 2017 13:26

Tgt Ion:	138	Resp:	170172
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.1	13.7
92	107.6	93.8	140.6



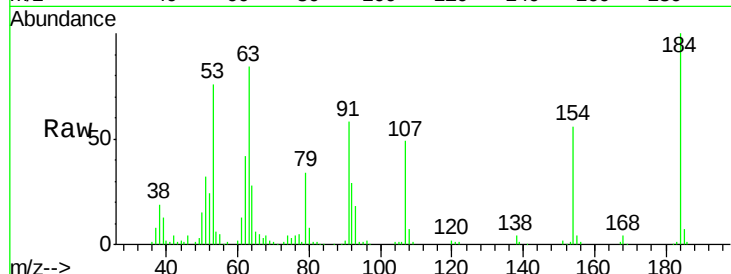
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 46.622 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

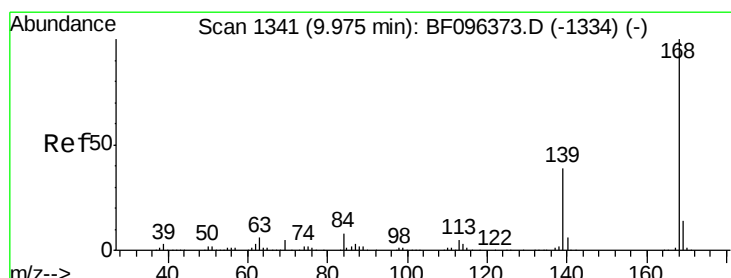
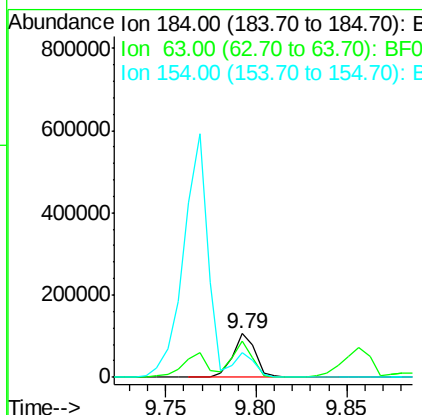
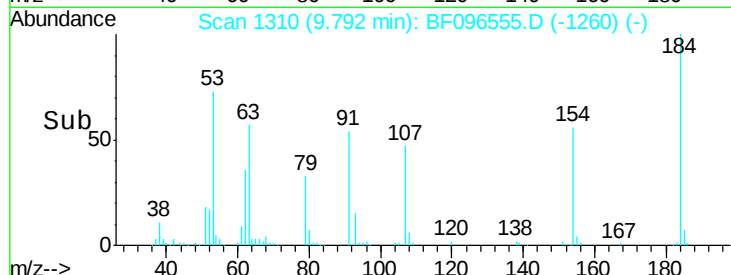
Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD



Tgt Ion:184 Resp: 93949
Ion Ratio Lower Upper
184 100
63 84.2 62.7 94.1
154 56.4 81.1 121.7#

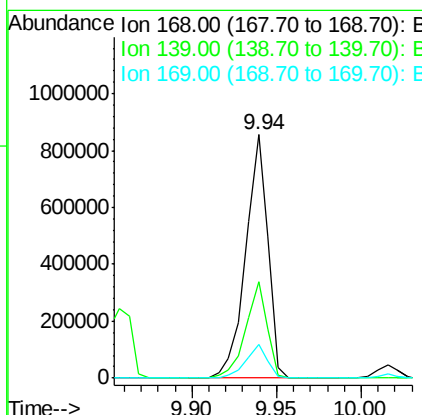
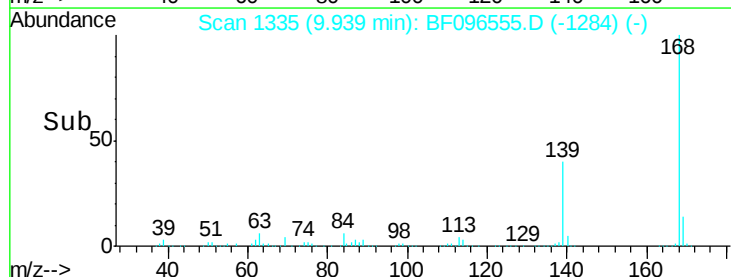
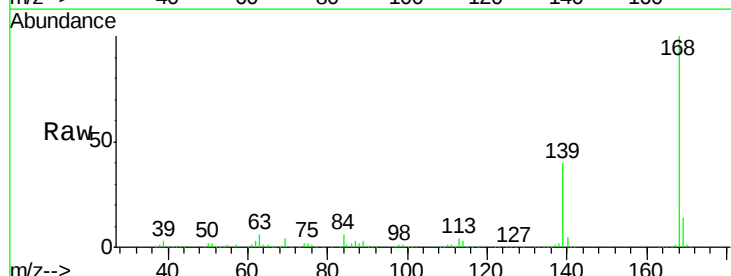
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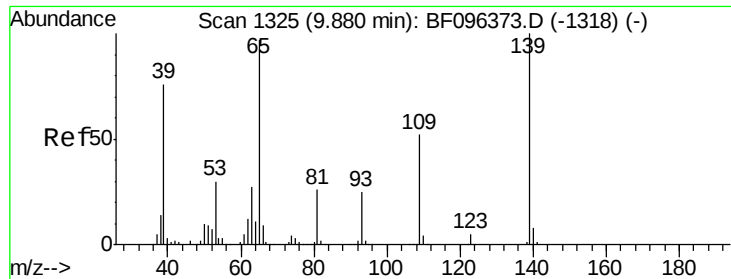
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#54
Dibenzofuran
Concen: 41.594 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion:168 Resp: 787142
Ion Ratio Lower Upper
168 100
139 39.5 30.6 45.8
169 13.8 10.8 16.2





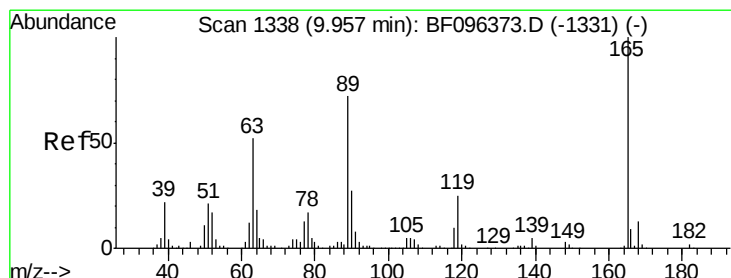
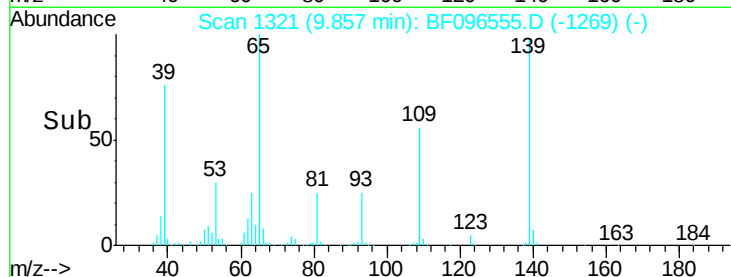
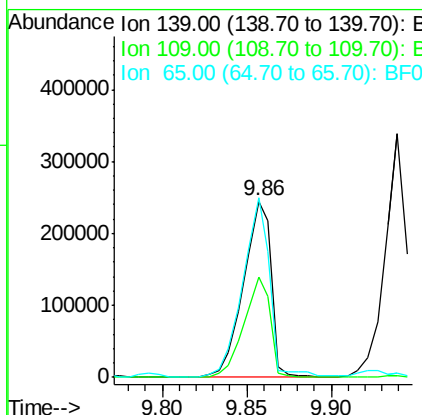
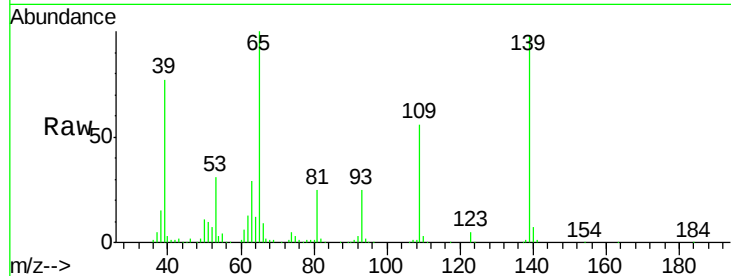
#55
4-Nitrophenol
Concen: 71.827 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	281720		
109	57.0	34.1	74.1	
65	102.1	31.4	71.4	

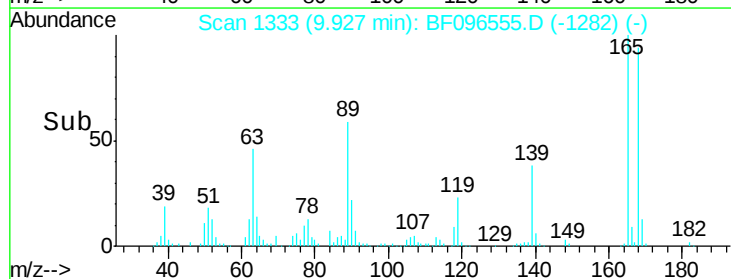
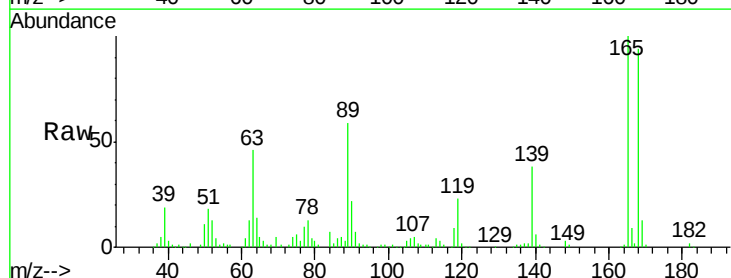
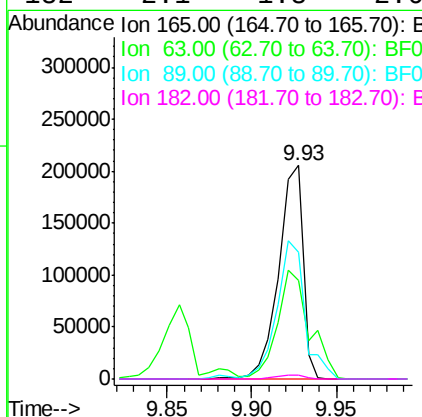
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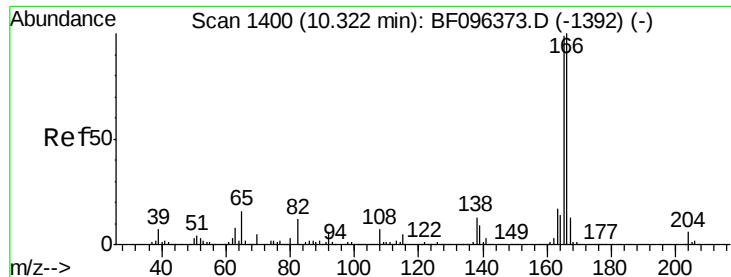
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#56
2,4-Dinitrotoluene
Concen: 42.403 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203729		
63	46.1	25.4	38.0	
89	59.4	46.4	69.6	
182	2.1	1.8	2.6	





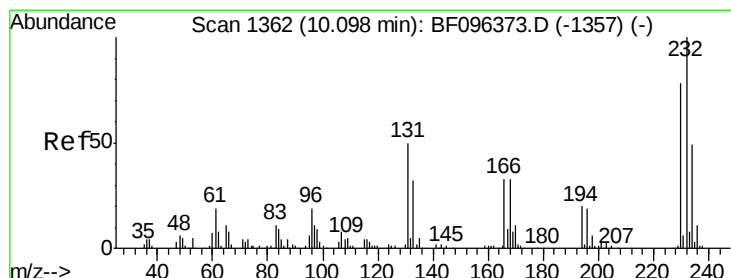
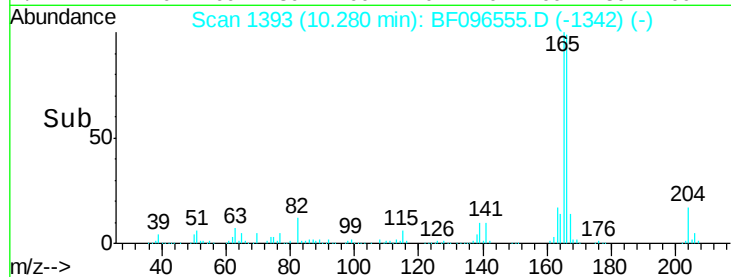
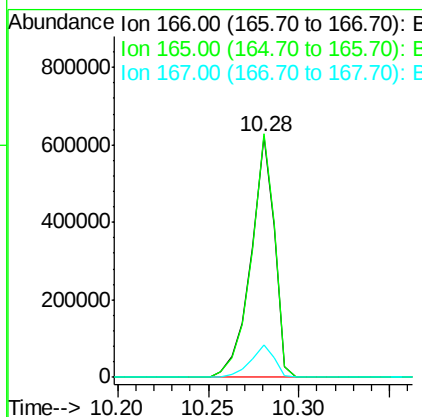
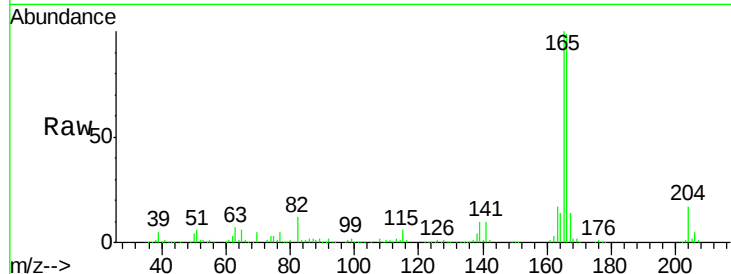
#57
 Fluorene
 Concen: 41.962 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	560850		
165	101.2	78.8	118.2	
167	13.7	10.6	16.0	

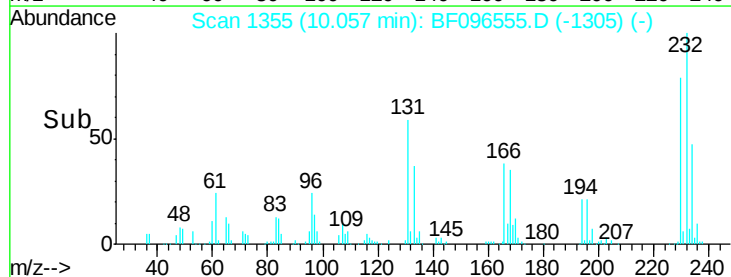
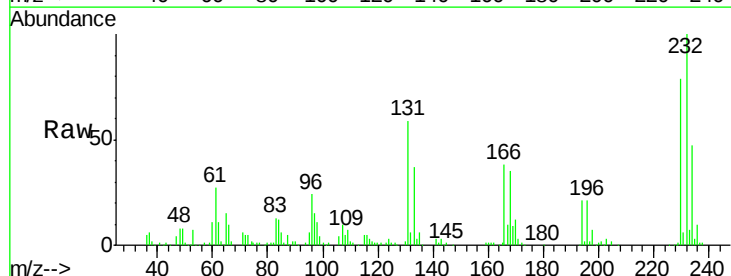
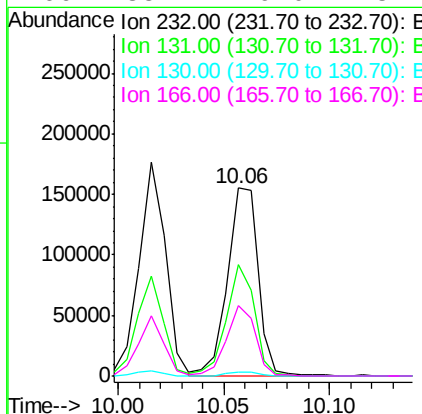
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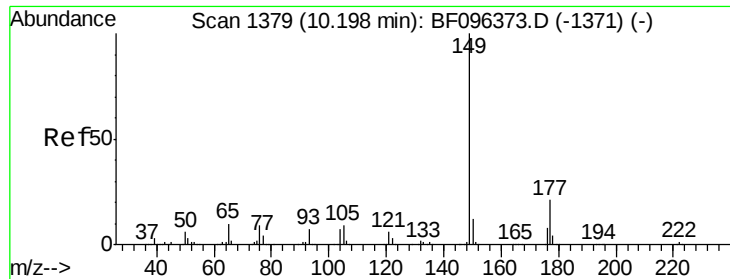
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.833 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	154471		
131	54.7	44.8	67.2	
130	2.3	2.3	3.5#	
166	35.7	29.0	43.4	





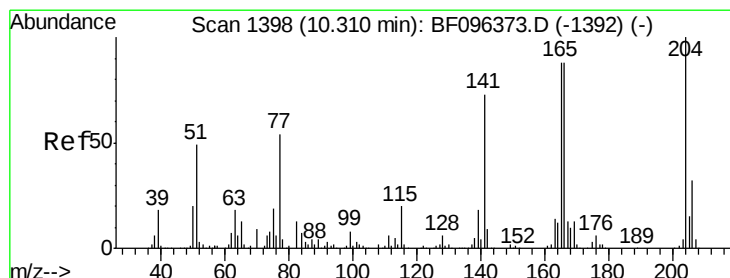
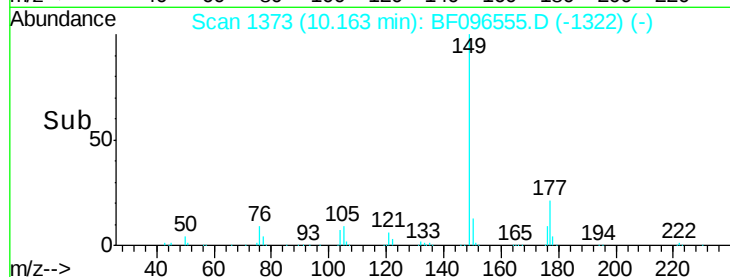
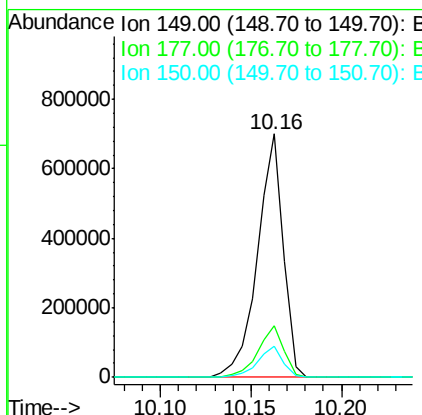
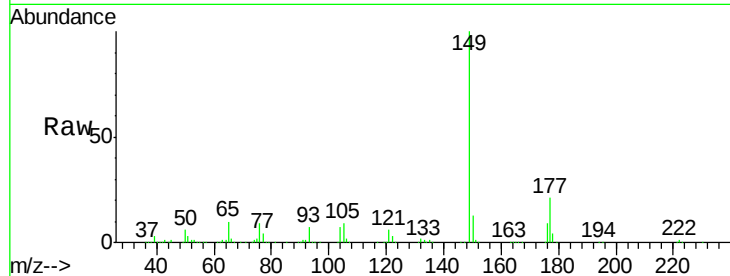
#59
Diethylphthalate
Concen: 42.650 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.6	10.2	15.2

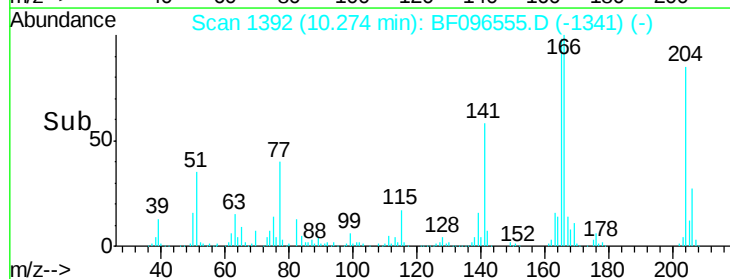
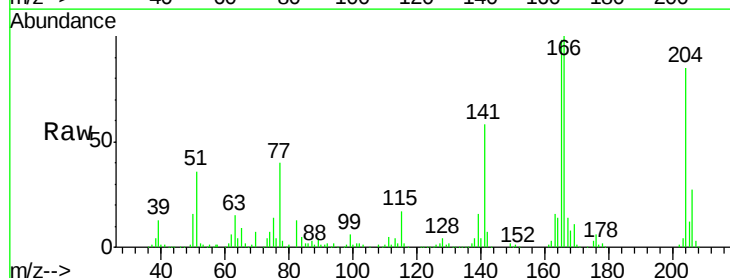
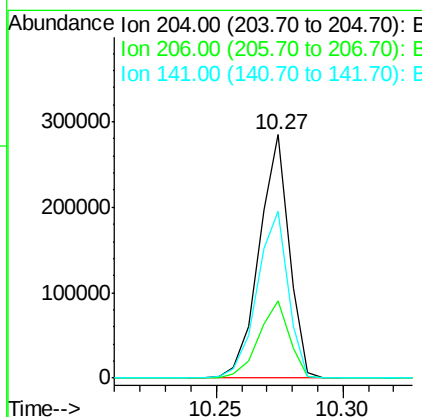
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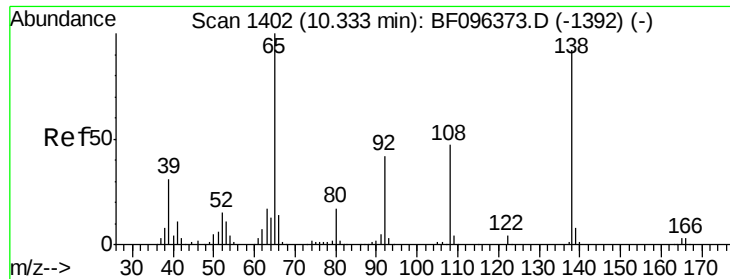
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.649 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.2	39.2
141	68.4	60.8	91.2





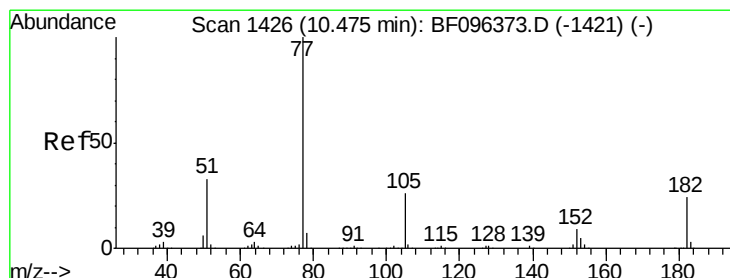
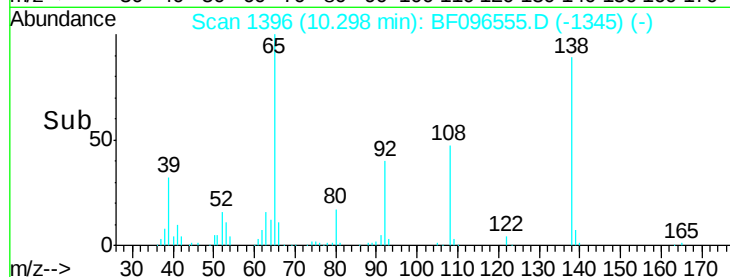
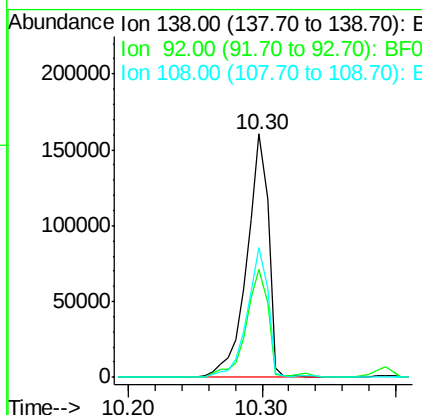
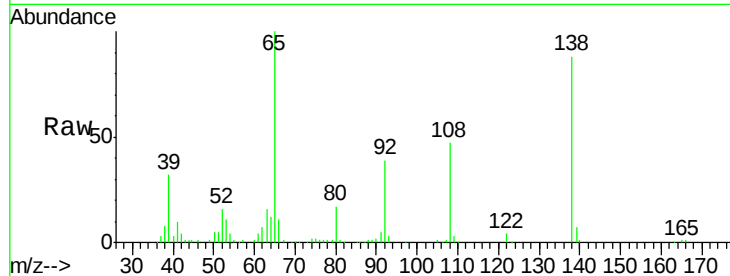
#61
4-Nitroaniline
Concen: 41.077 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.6	21.8	61.8
108	53.1	42.3	82.3

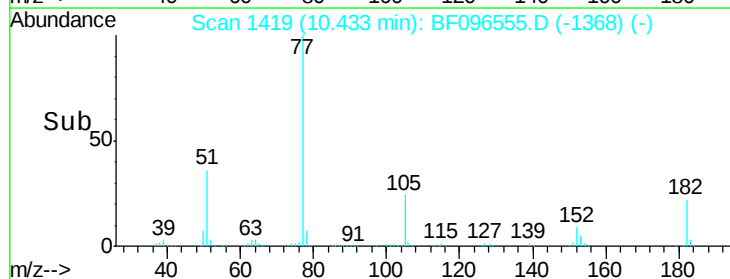
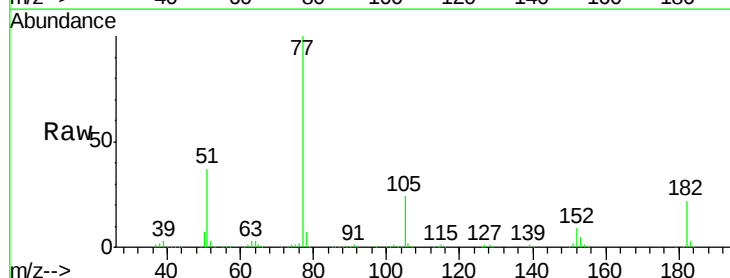
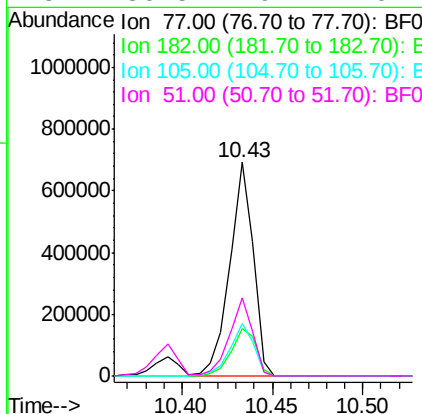
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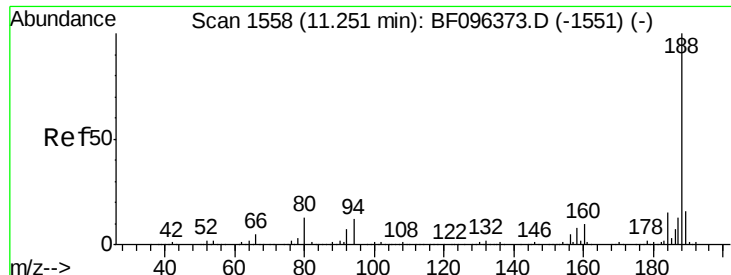
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#62
Azobenzene
Concen: 39.957 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.1	40.1
105	24.4	3.6	43.6
51	36.5	9.4	49.4





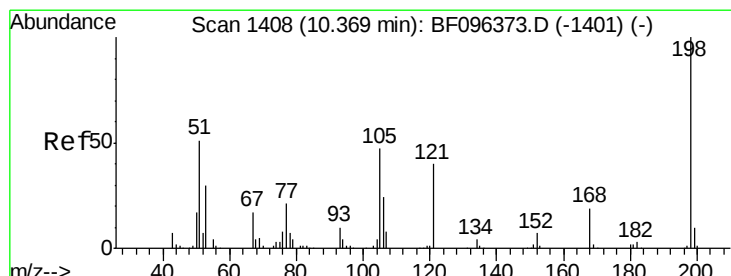
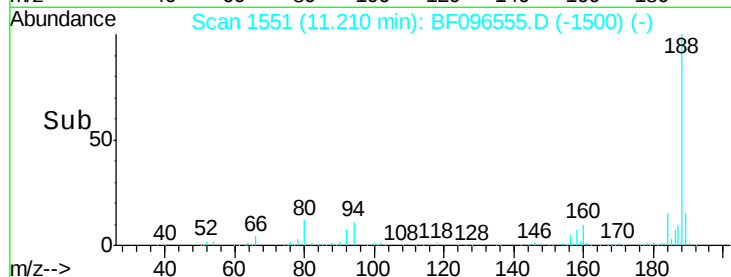
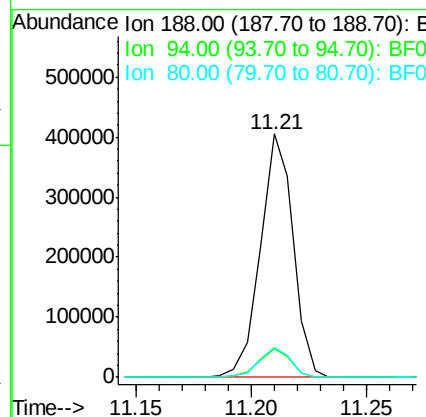
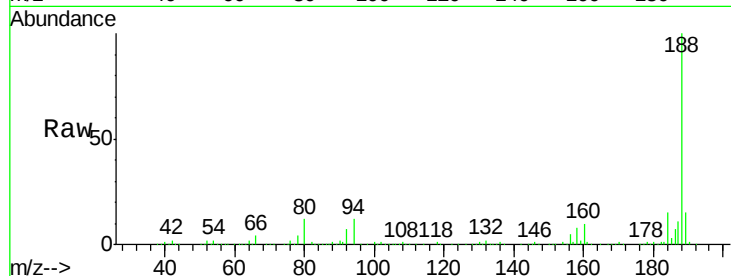
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	400190		
94	11.8		9.4	14.2
80	12.2		10.2	15.2

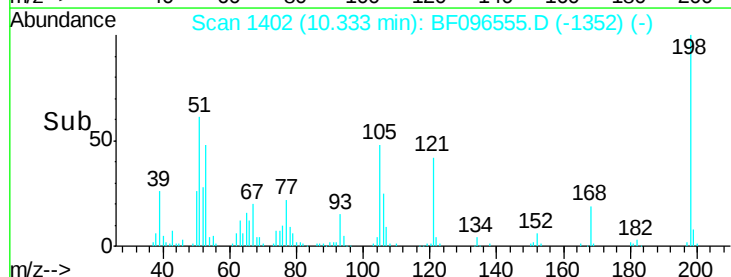
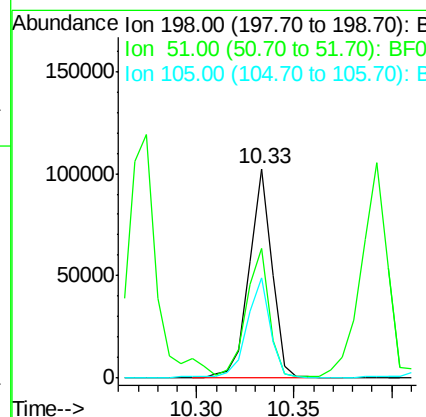
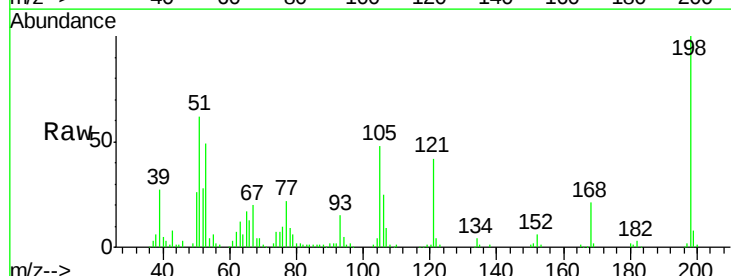
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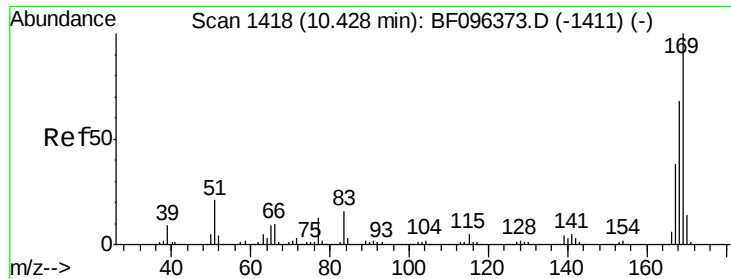
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.175 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	83282		
51	61.7		53.2	93.2
105	47.7		45.8	85.8





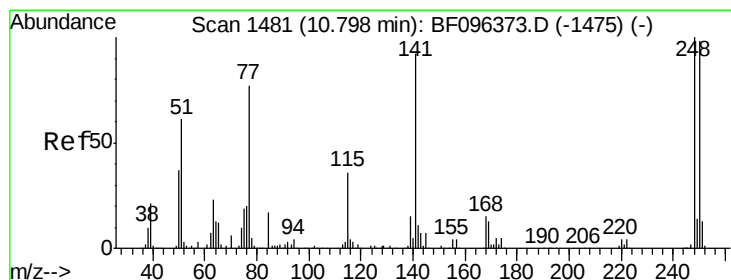
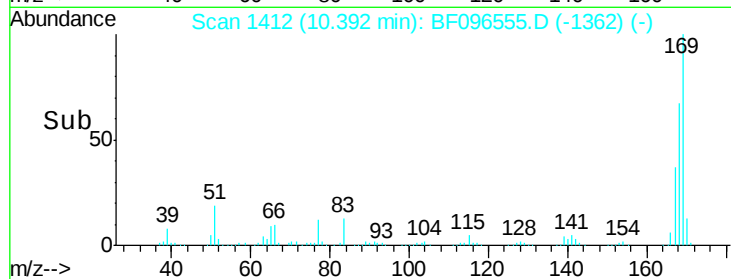
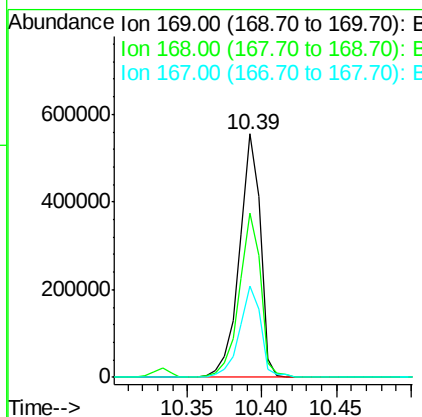
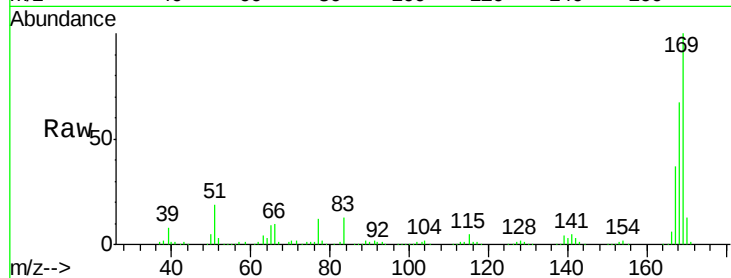
#65
 n-Nitrosodiphenylamine
 Concen: 38.616 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	37.4	29.5	44.3

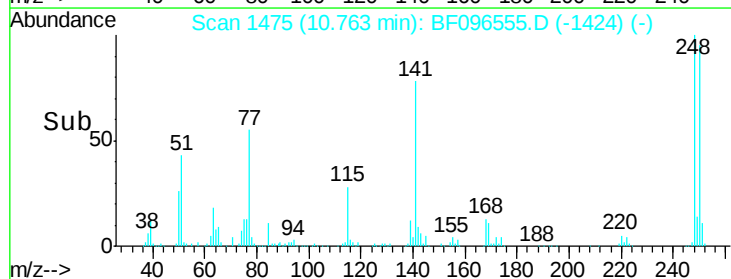
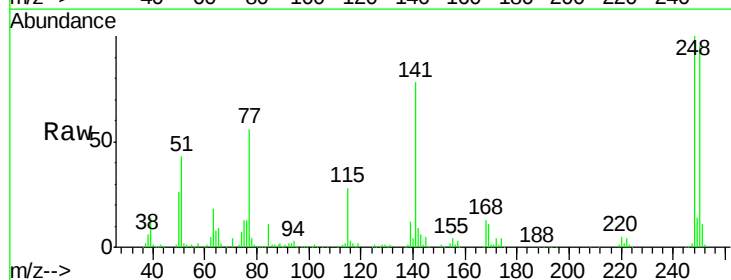
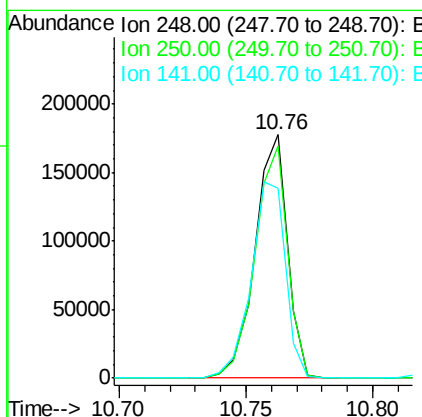
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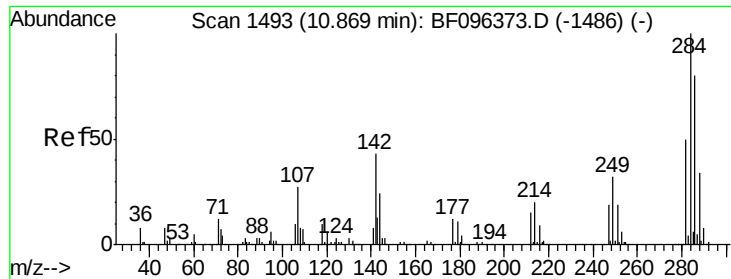
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#66
 4-Bromophenyl-phenylether
 Concen: 40.874 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.8	115.2
141	77.9	68.6	103.0





#67

Hexachlorobenzene

Concen: 38.948 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

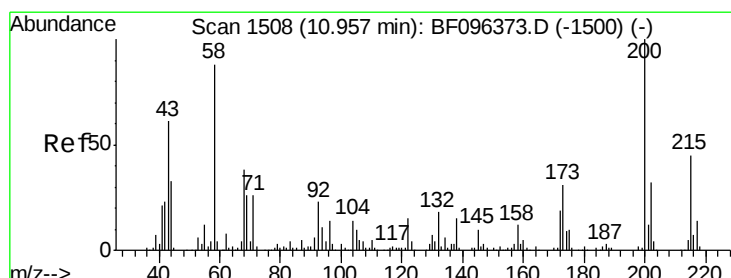
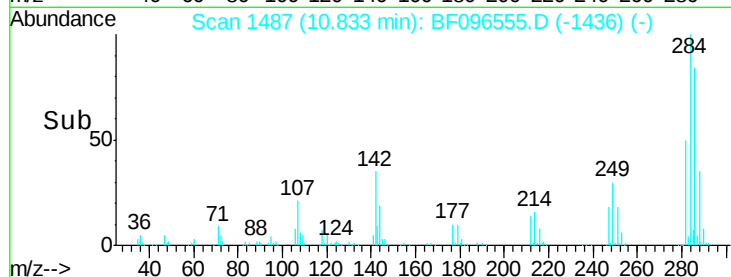
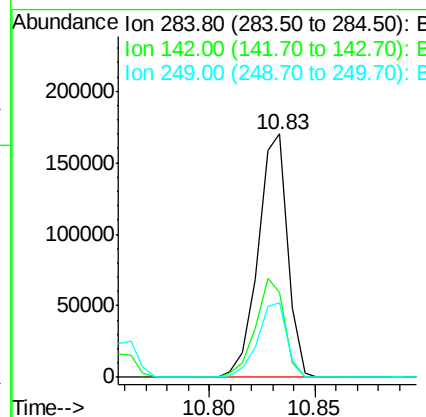
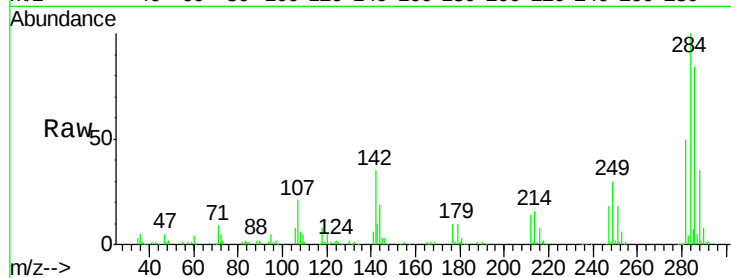
ClientSampleId :

PET-BF001-01MSD

Tgt Ion:	284	Resp:	166097
Ion Ratio		Lower	Upper
284	100		
142	34.9	22.8	34.2#
249	30.5	24.0	36.0

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#68

Atrazine

Concen: 42.214 ng

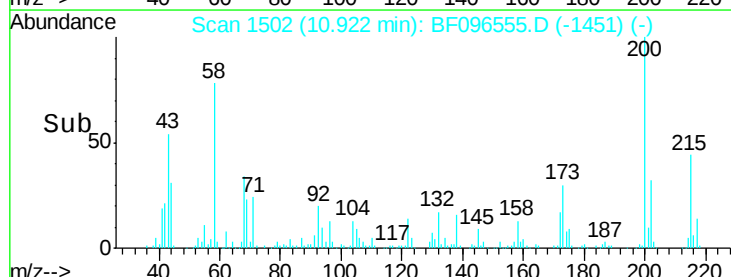
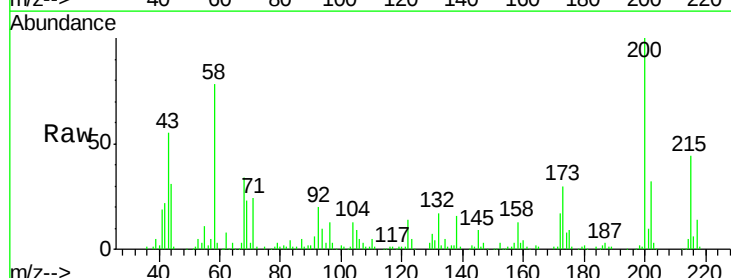
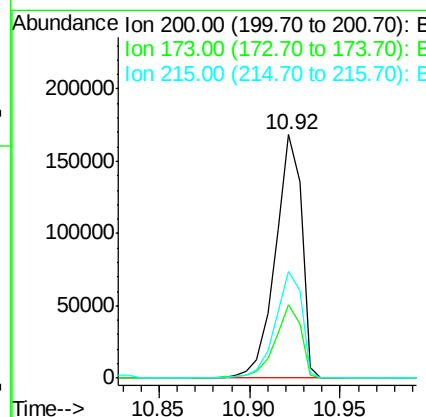
RT: 10.92 min Scan# 1502

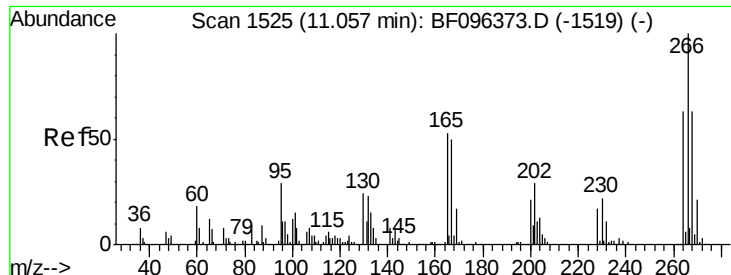
Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Tgt Ion:	200	Resp:	169342
Ion Ratio		Lower	Upper
200	100		
173	30.4	6.3	46.3
215	43.7	27.2	67.2





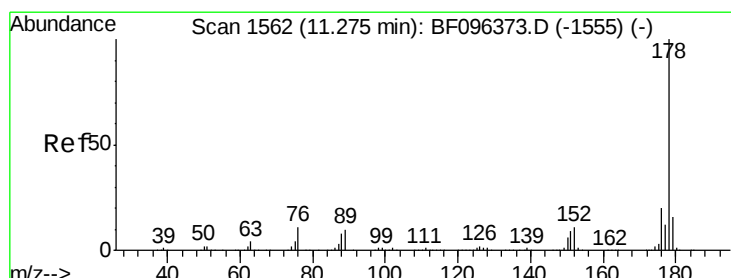
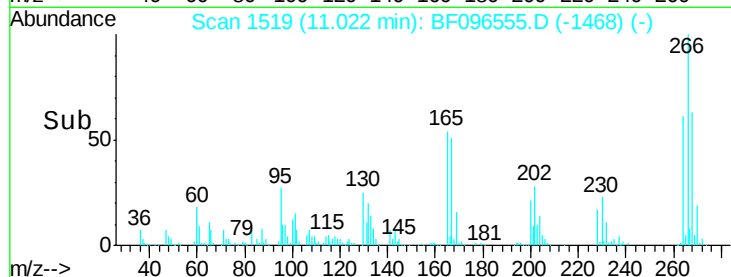
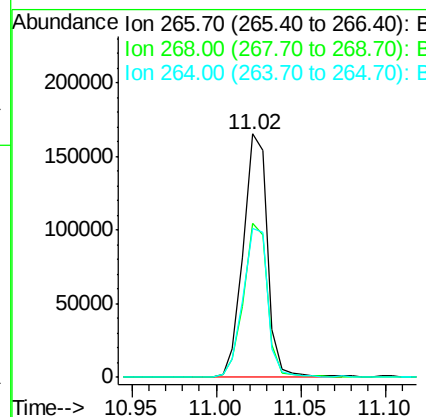
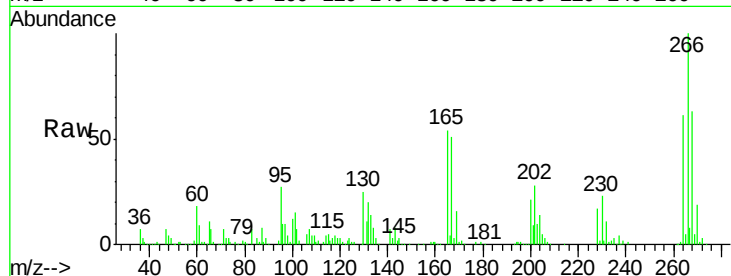
#69
 Pentachlorophenol
 Concen: 65.728 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	166125		
268	63.3	51.1	76.7	
264	61.3	51.7	77.5	

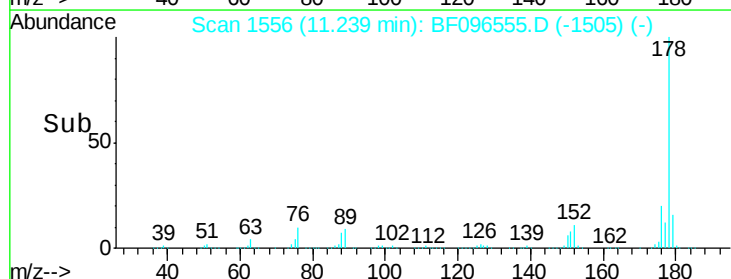
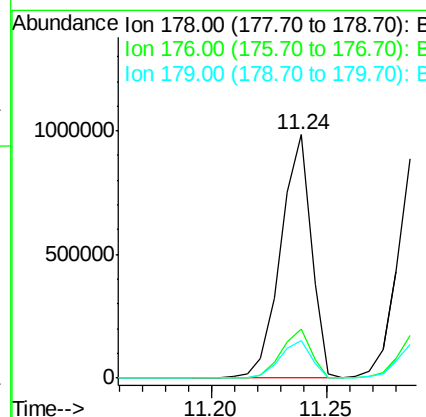
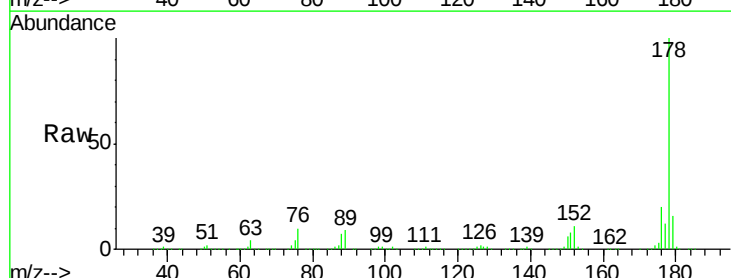
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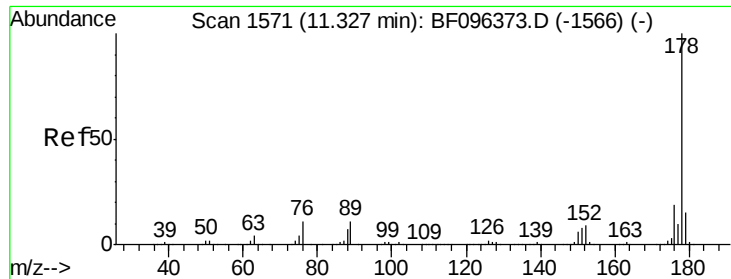
mohammad
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#70
 Phenanthrene
 Concen: 41.857 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	905506		
176	20.1	16.2	24.4	
179	15.6	12.6	19.0	





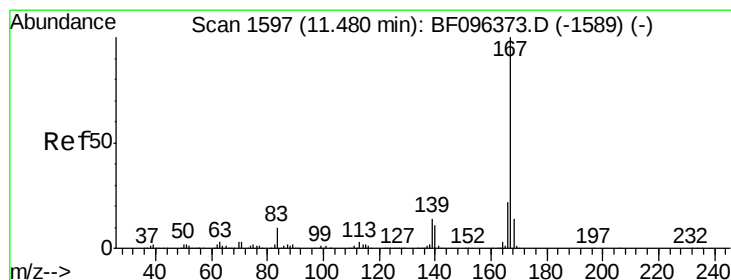
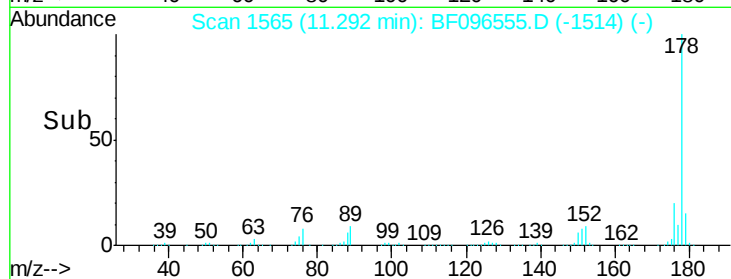
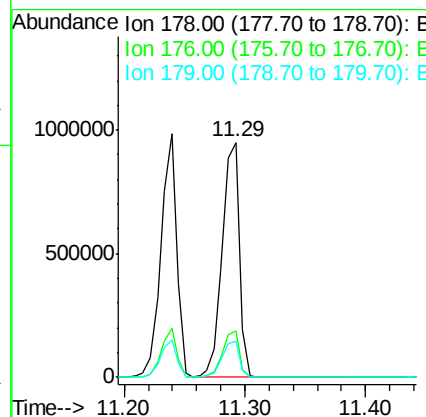
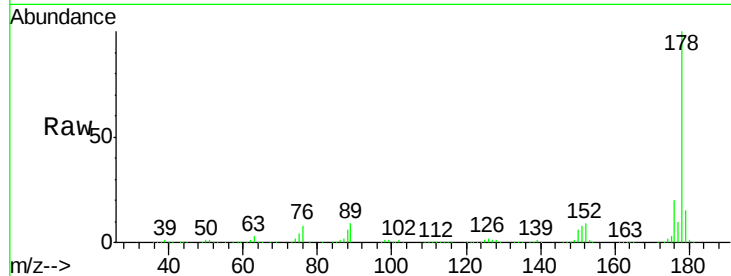
#71
 Anthracene
 Concen: 42.108 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.4	12.7	19.1

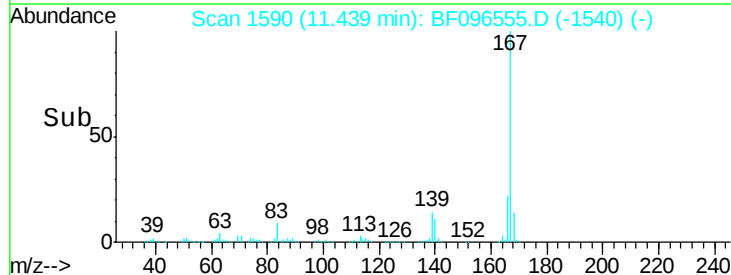
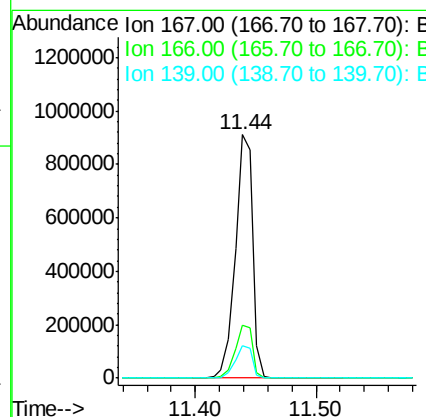
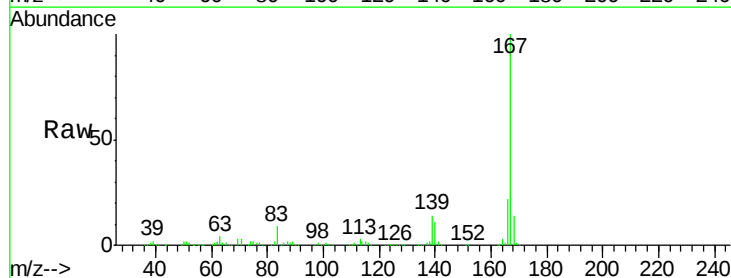
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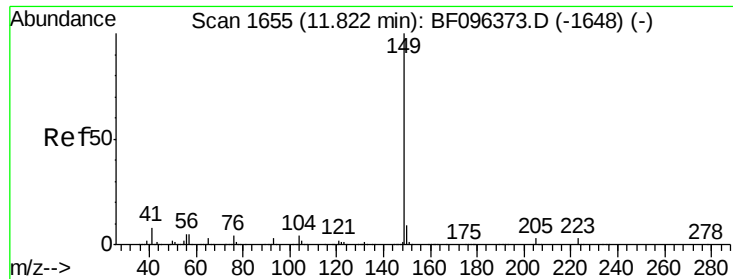
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#72
 Carbazole
 Concen: 40.930 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.6	11.7	17.5





#73

Di-n-butylphthalate

Concen: 41.727 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

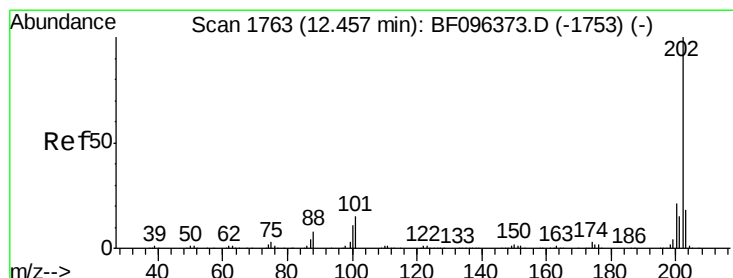
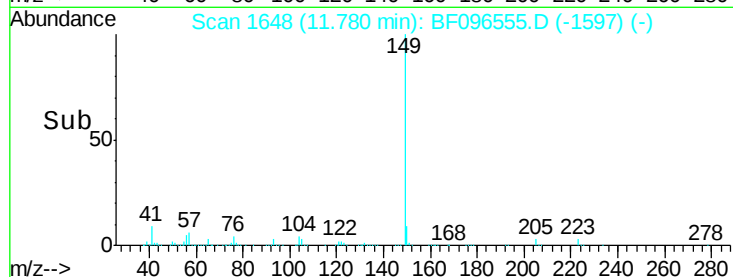
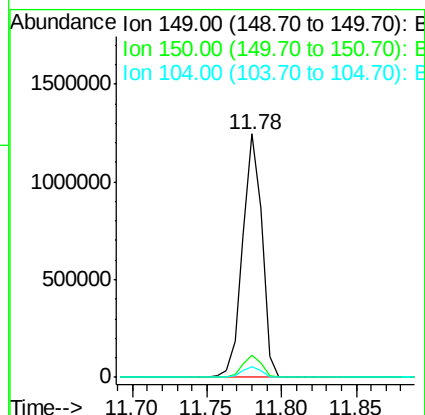
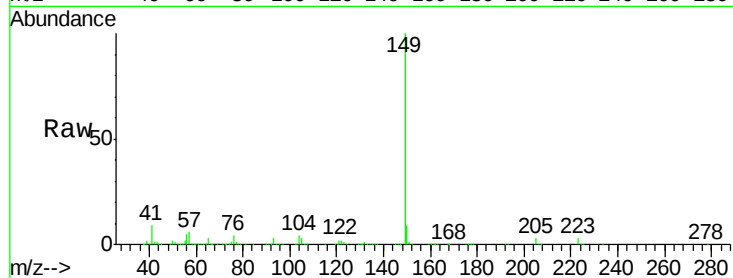
ClientSampleId :

PET-BF001-01MSD

Tgt Ion:	149	Resp:	1120500
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.5	4.0	6.0

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#74

Fluoranthene

Concen: 42.237 ng

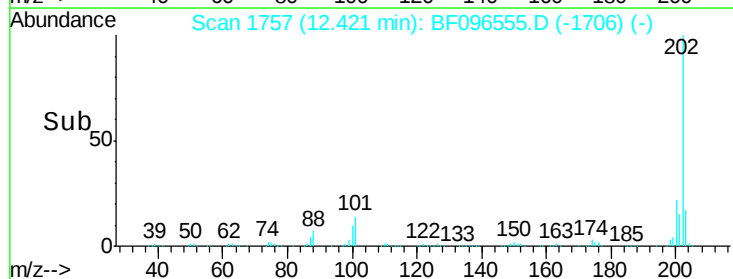
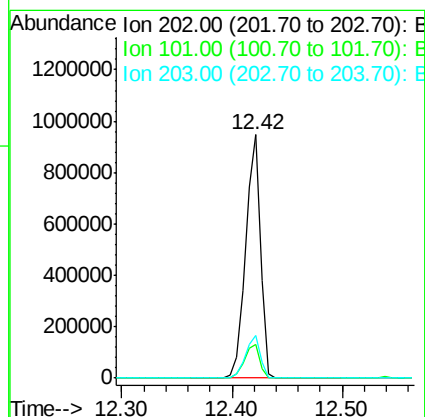
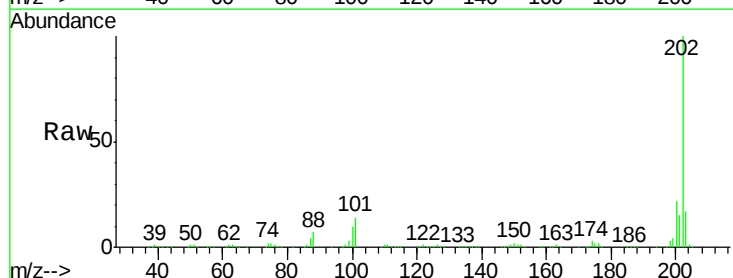
RT: 12.42 min Scan# 1757

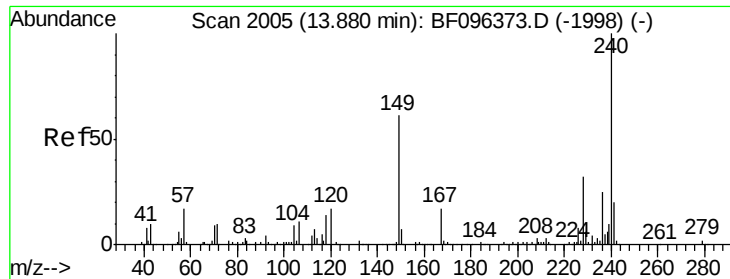
Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Tgt Ion:	202	Resp:	895846
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	33.2
203	17.3	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: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

ClientSampleId :

PET-BF001-01MSD

Tgt Ion: 240 Resp: 221018

Ion Ratio Lower Upper

240 100

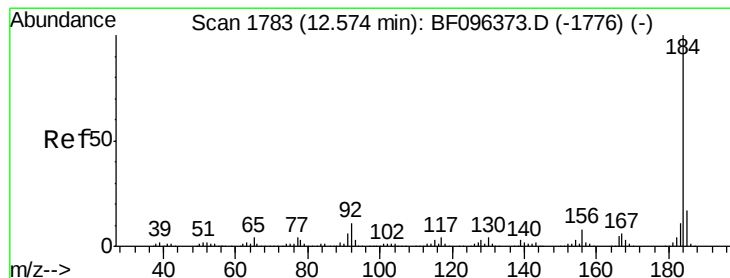
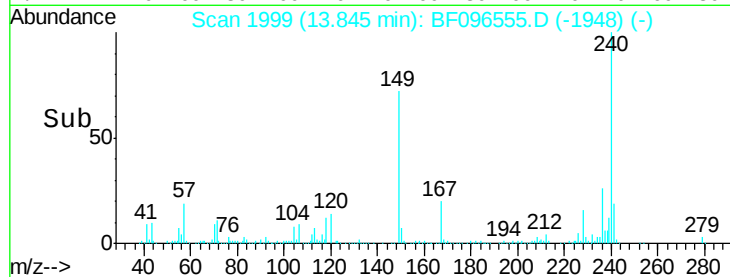
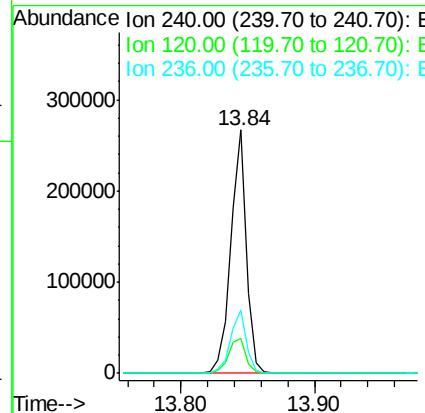
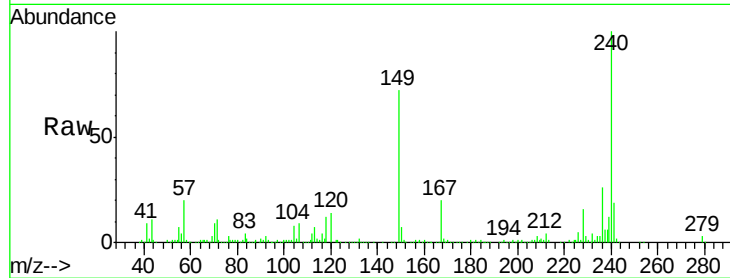
120 14.4 5.8 8.8#

236 25.8 20.5 30.7

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#76

Benzidine

Concen: 41.310 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

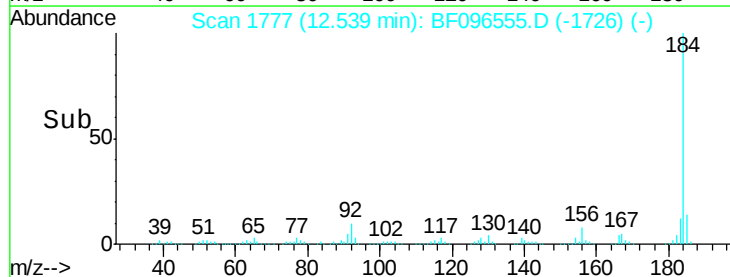
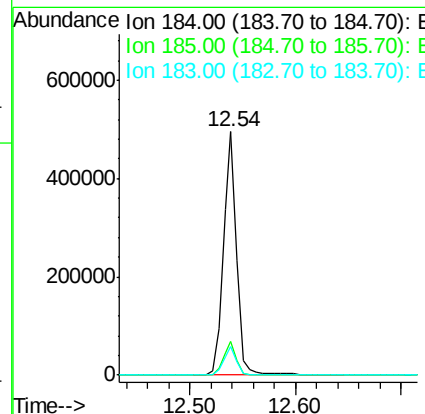
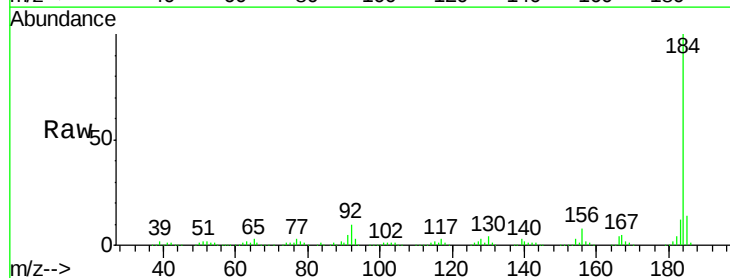
Tgt Ion: 184 Resp: 438093

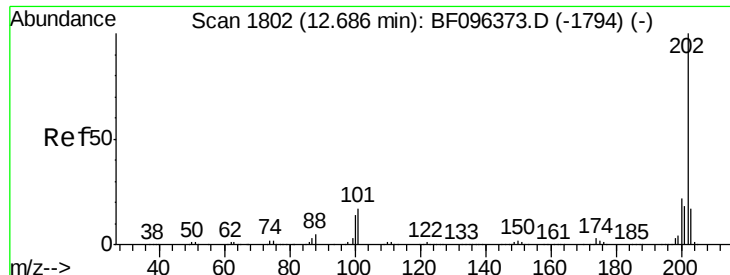
Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

183 11.6 9.8 14.6





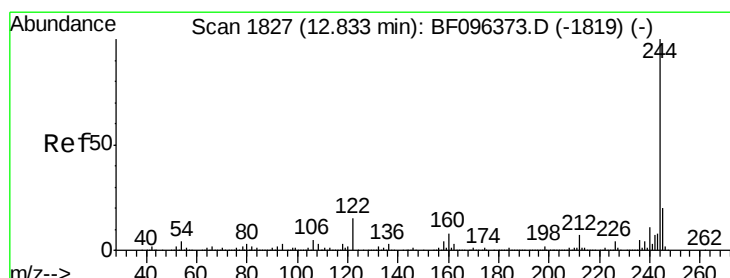
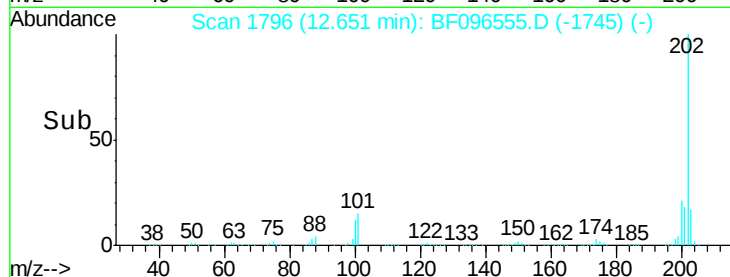
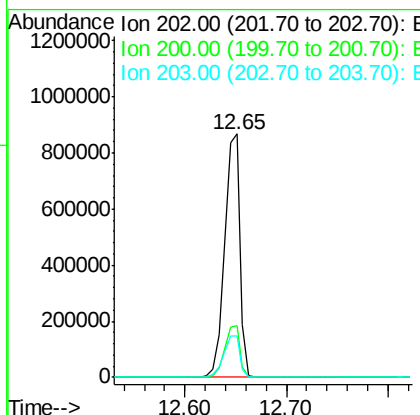
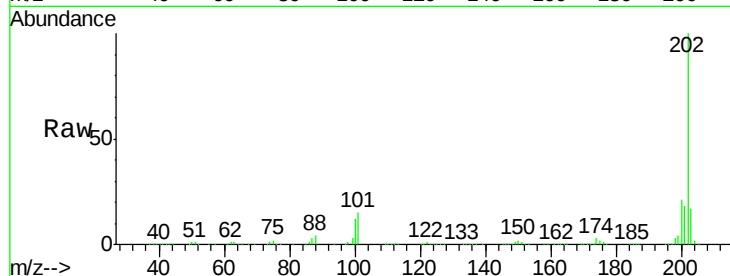
#77
Pyrene
 Concen: 50.947 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	17.6	26.4
203	17.2	14.4	21.6

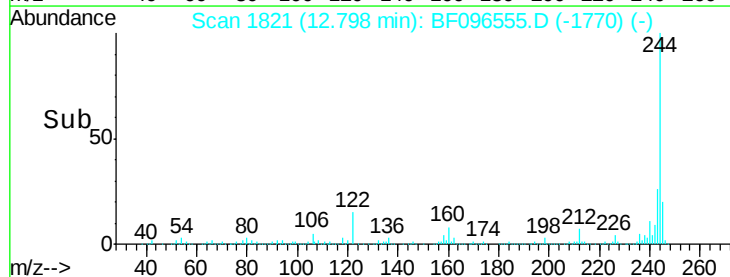
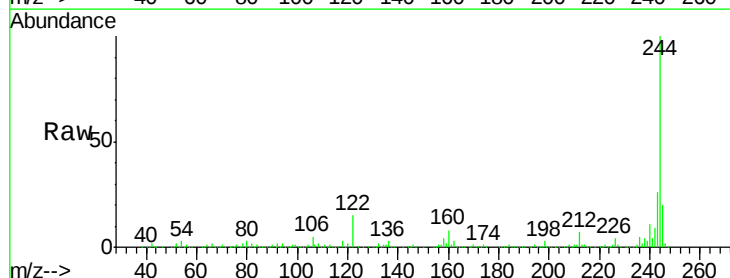
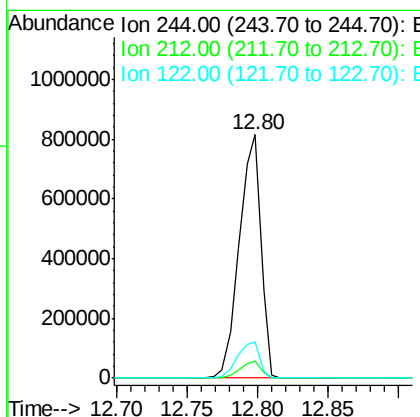
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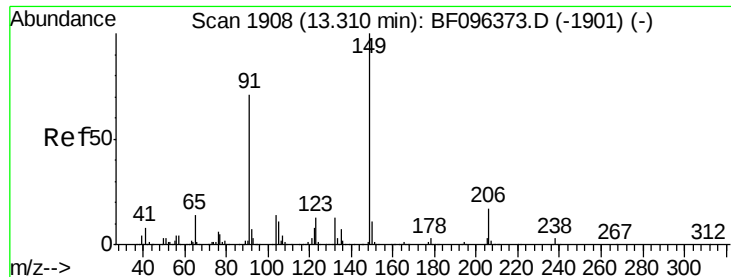
mohammad
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#78
Terphenyl-d14
 Concen: 84.187 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5





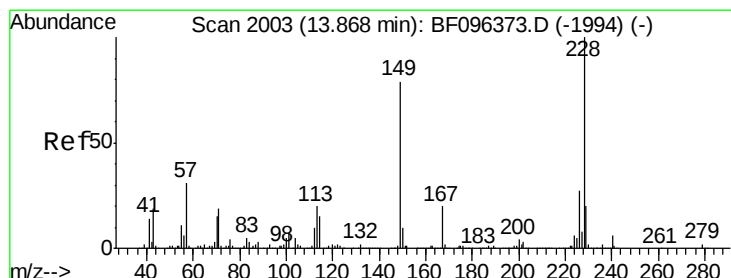
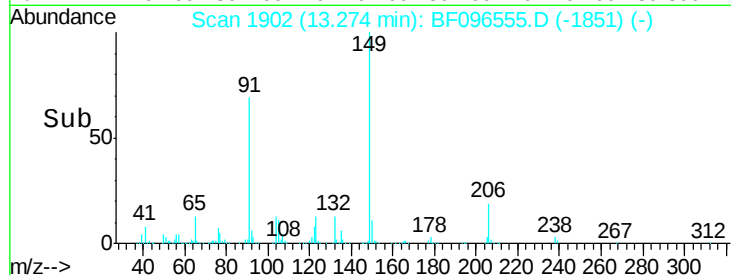
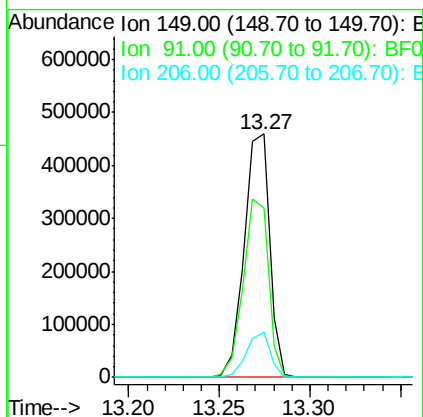
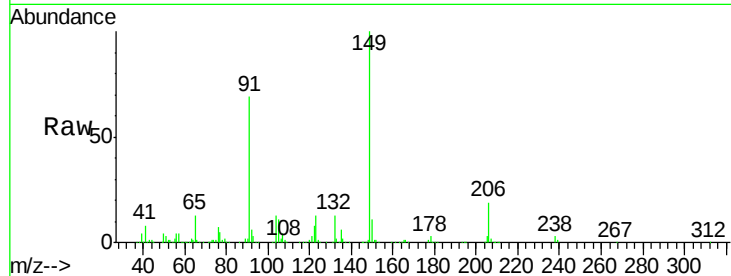
#79
Butylbenzylphthalate
Concen: 50.074 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	449690		
91	69.5	45.0	67.4#	
206	18.6	17.0	25.6	

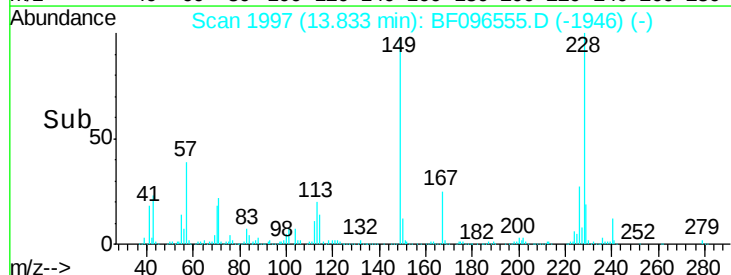
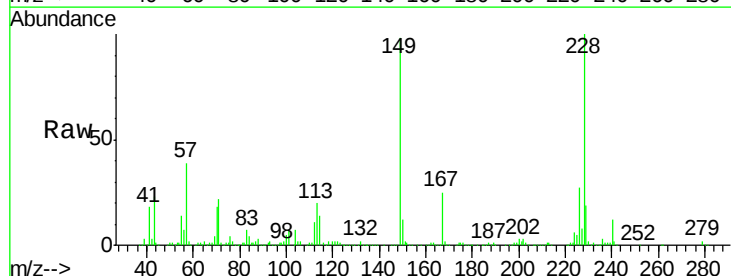
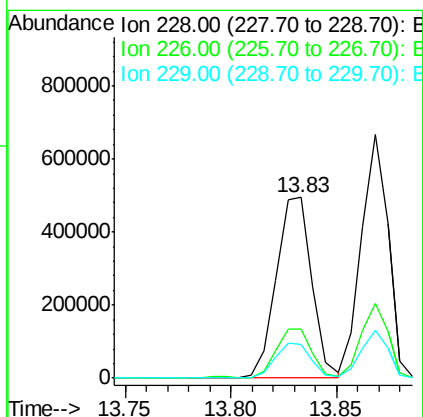
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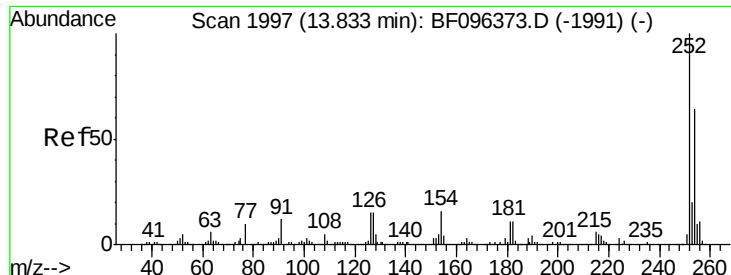
mohammad
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#80
Benzo(a)anthracene
Concen: 45.279 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	579513		
226	27.3	22.6	33.8	
229	18.9	16.3	24.5	





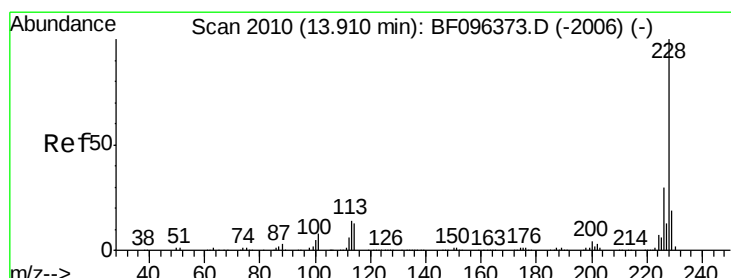
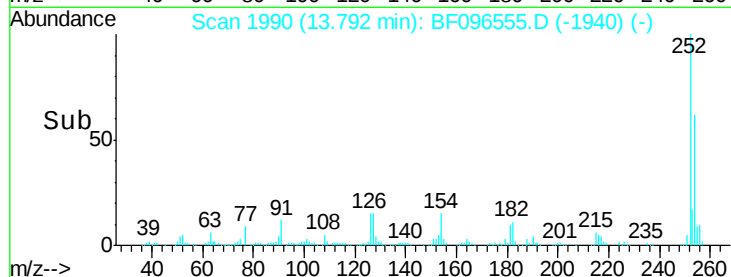
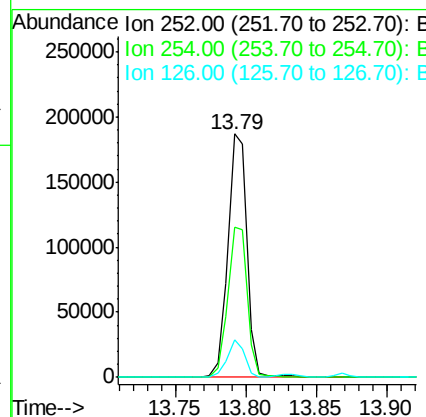
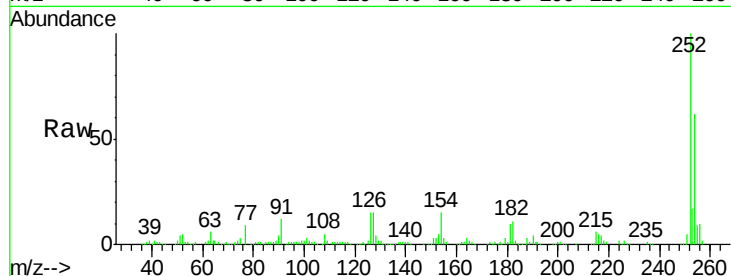
#81
 3,3'-Dichlorobenzidine
 Concen: 33.369 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.6	51.5	77.3
126	15.5	15.8	23.8#

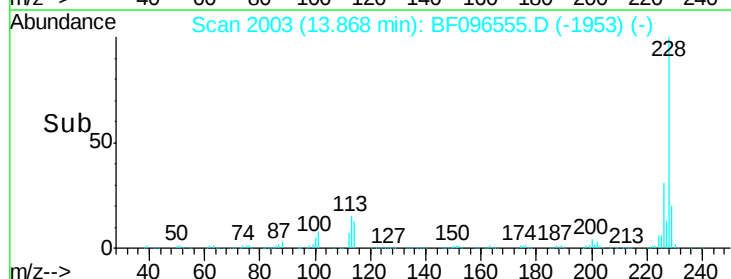
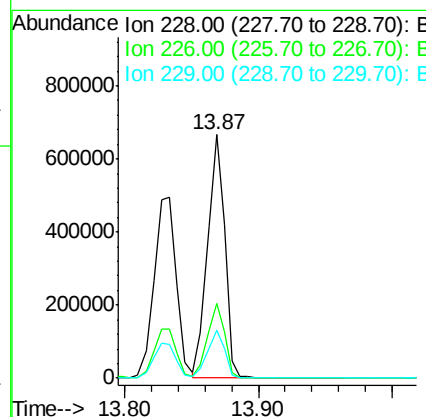
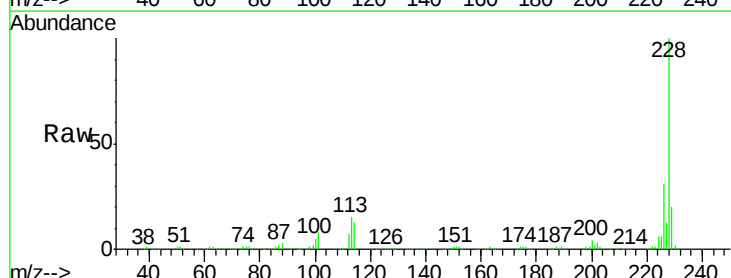
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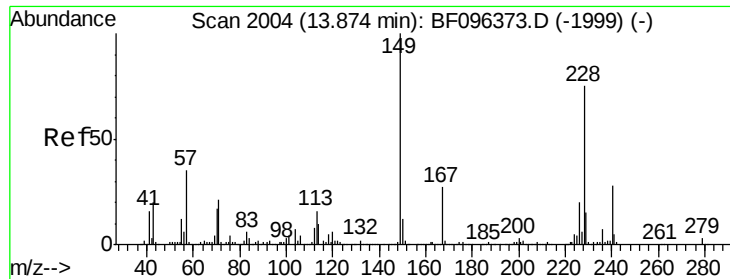
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#82
 Chrysene
 Concen: 44.410 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.9	37.3
229	19.6	15.8	23.6





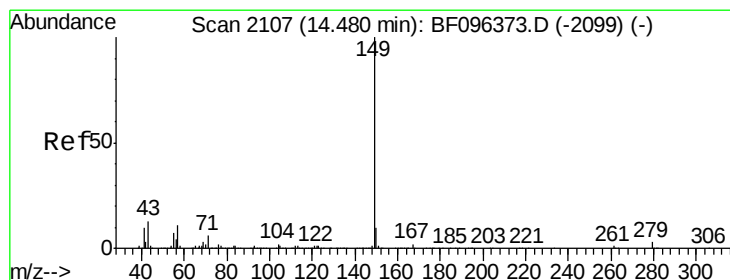
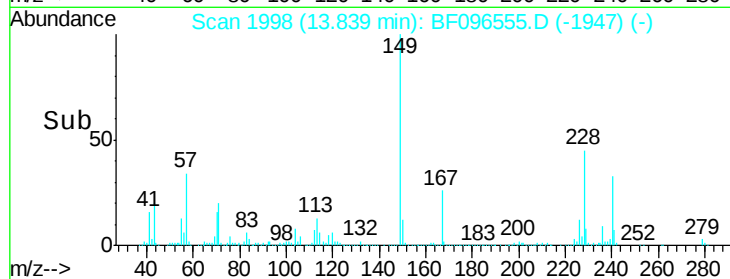
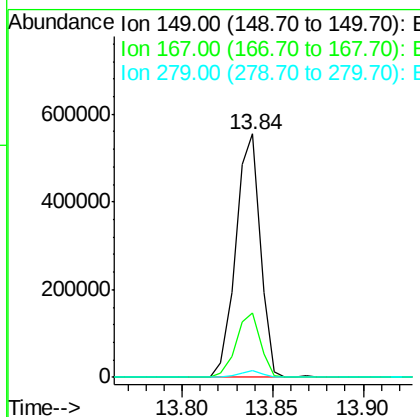
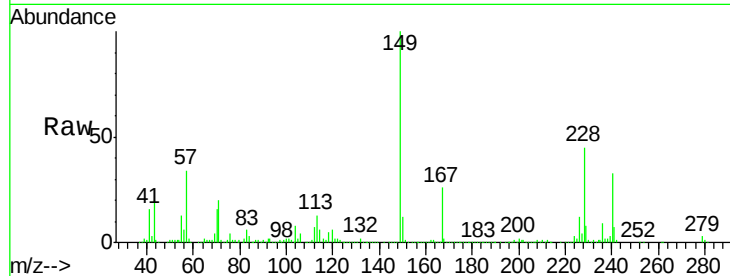
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.288 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	524158		
167	26.3	21.0	31.4	
279	2.9	1.9	2.9#	

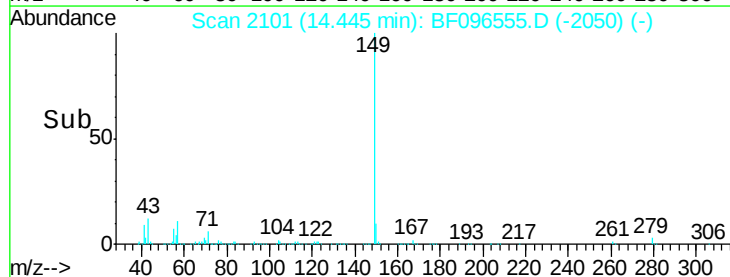
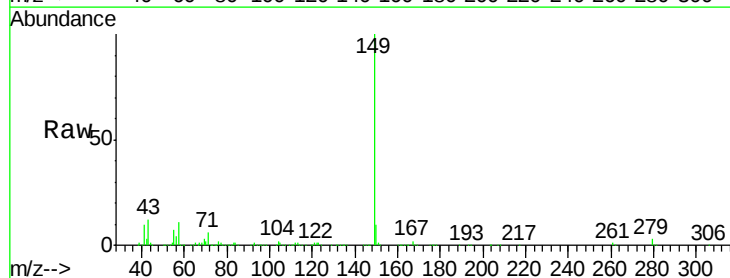
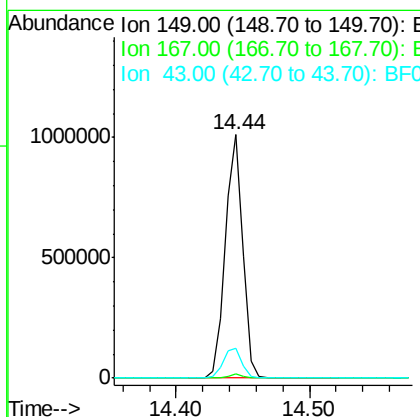
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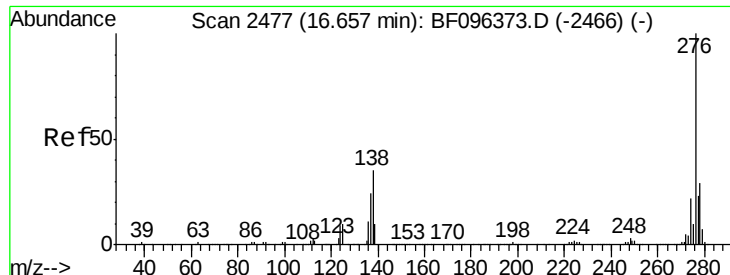
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.145 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	930676		
167	1.5	1.2	1.8	
43	12.9	8.5	12.7#	





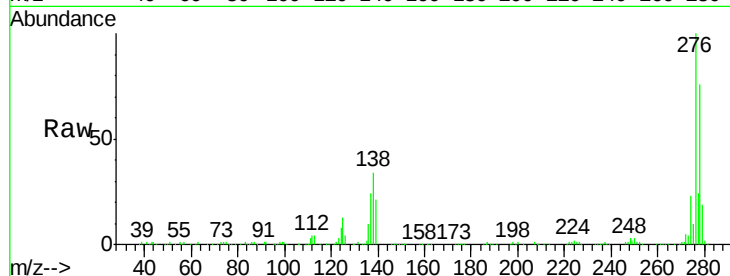
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.737 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD

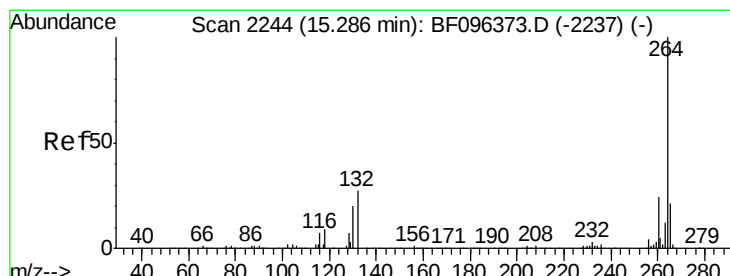
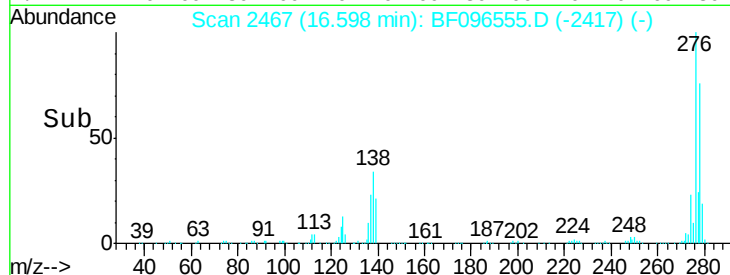
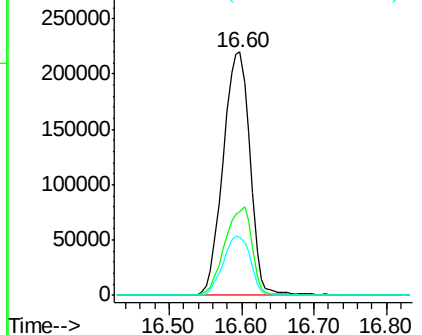
Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.8	41.6
277	24.7	20.2	30.4

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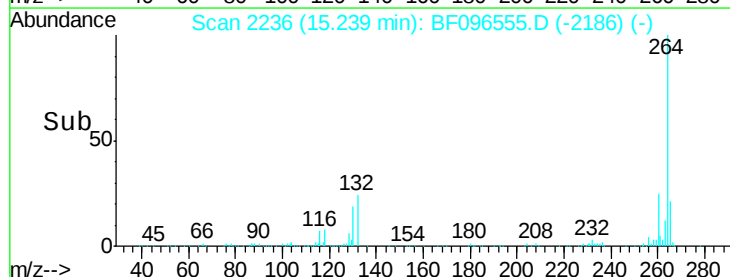
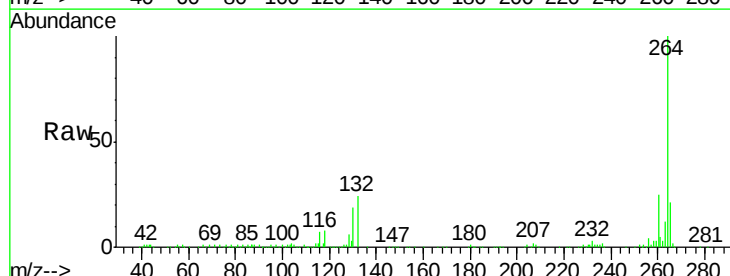
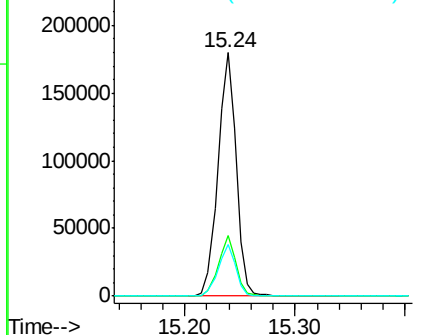
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

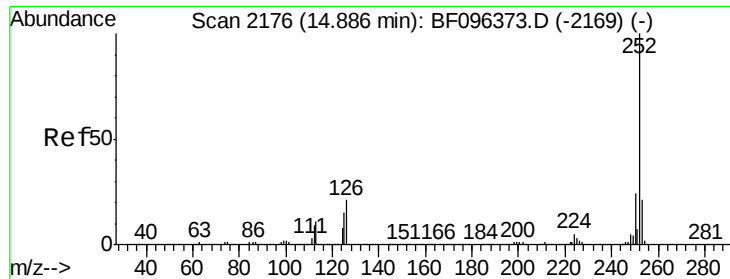


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.1	17.2	25.8

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.485 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Instrument :

BNA_F

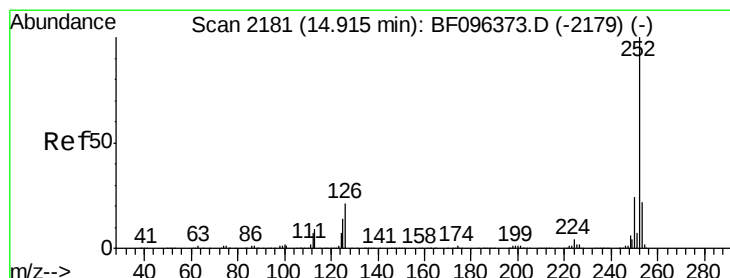
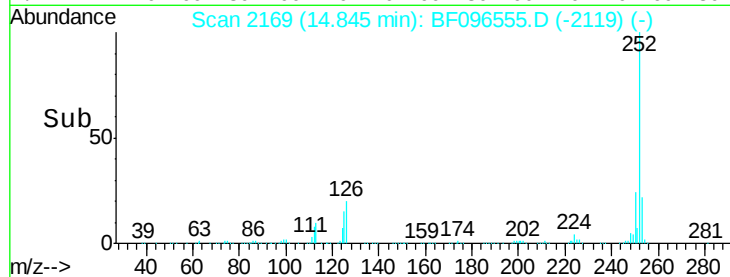
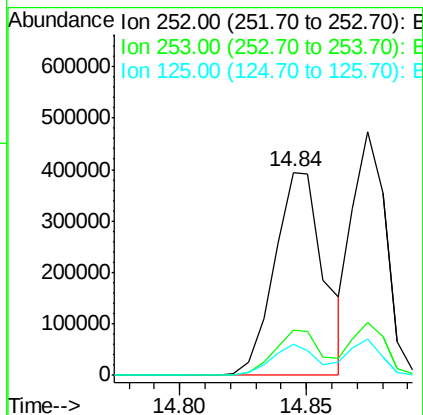
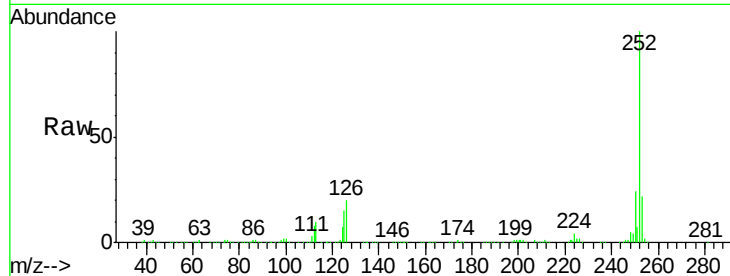
ClientSampleId :

PET-BF001-01MSD

Tgt Ion:	252	Resp:	536422
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	15.3	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 38.145 ng

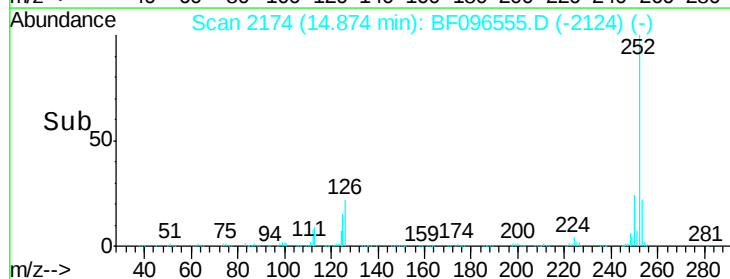
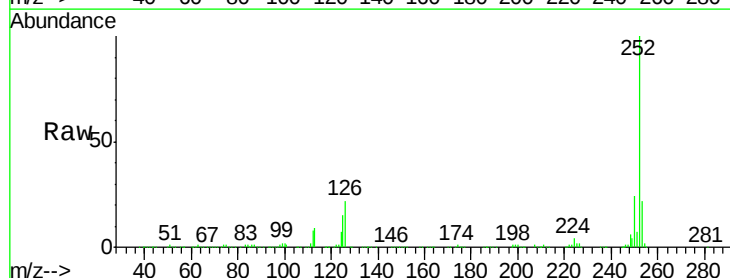
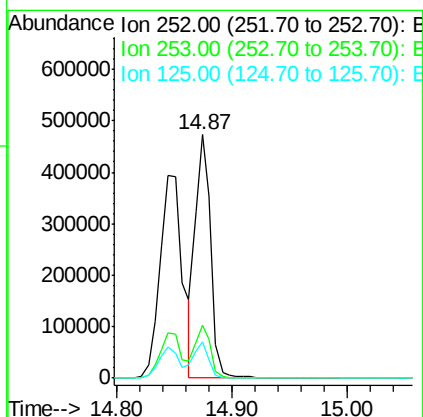
RT: 14.87 min Scan# 2174

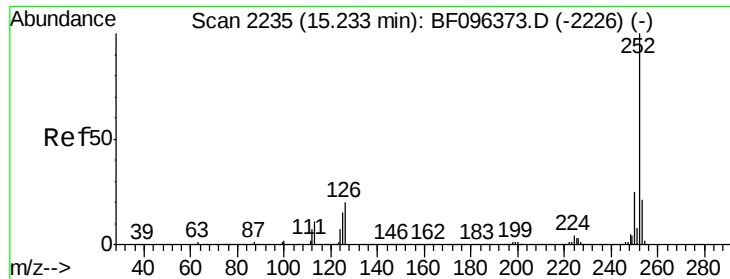
Delta R.T. -0.01 min

Lab File: BF096555.D

Acq: 7 Jul 2017 13:26

Tgt Ion:	252	Resp:	441198
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	14.9	13.1	19.7





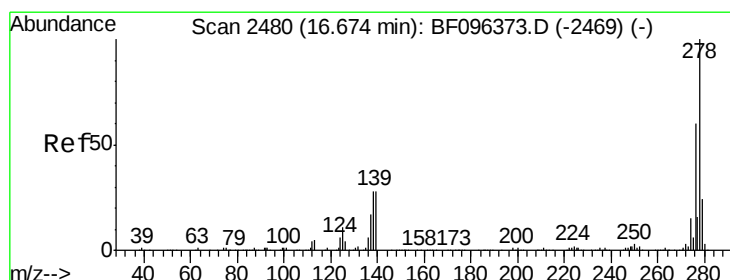
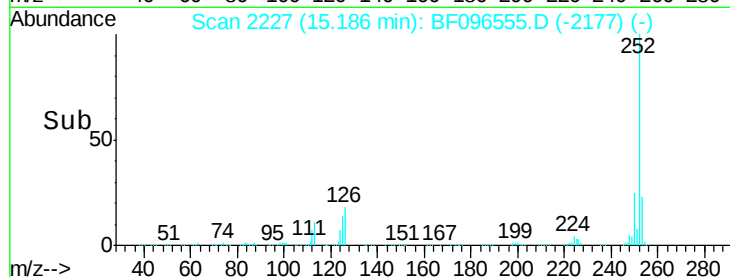
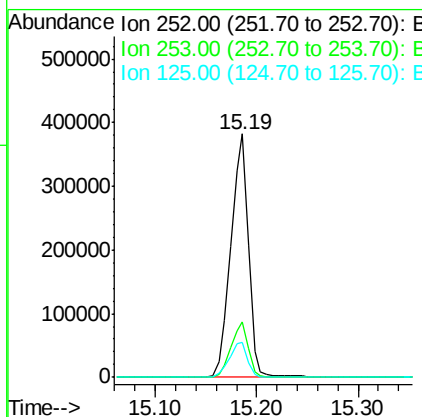
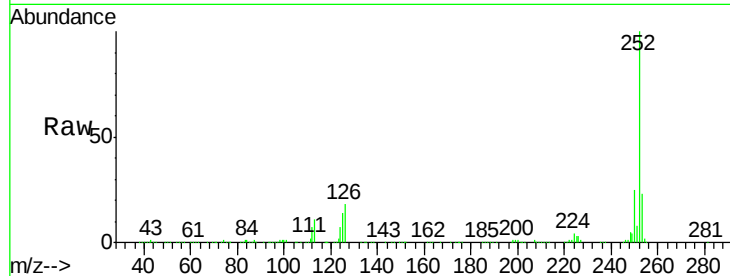
#89
Benzo(a)pyrene
Concen: 40.132 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

Instrument :
BNA_F
ClientSampleId :
PET-BF001-01MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	14.4	11.0	16.4

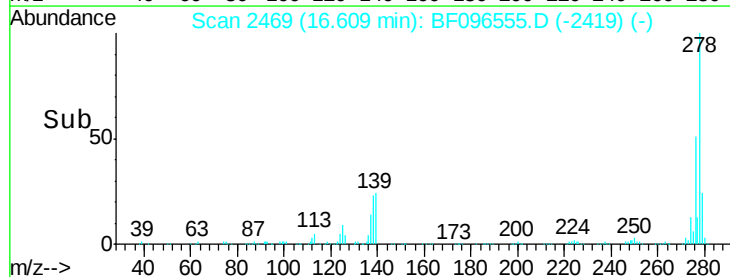
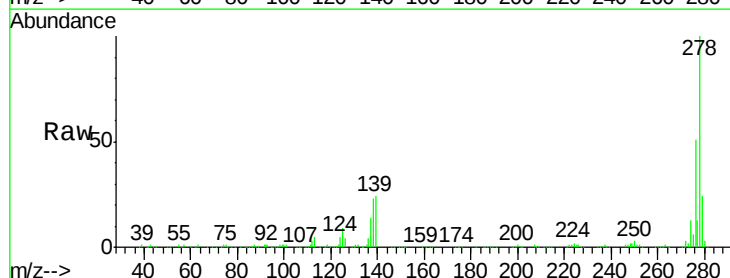
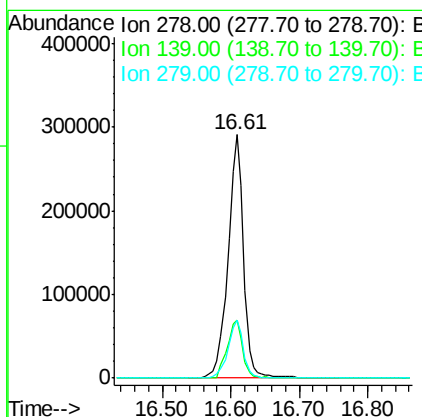
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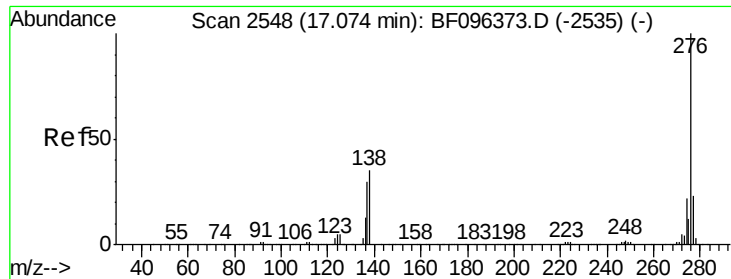
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 50.735 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF096555.D
Acq: 7 Jul 2017 13:26

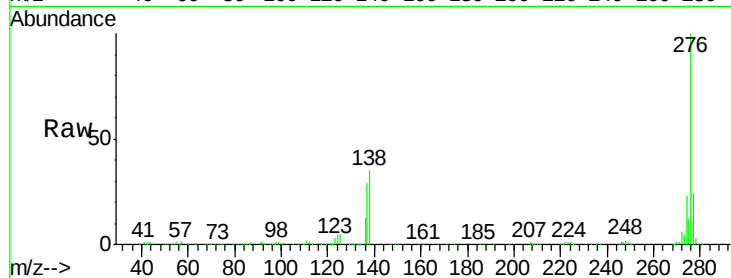
Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 53.548 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.01 min
 Lab File: BF096555.D
 Acq: 7 Jul 2017 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF001-01MSD



Tgt Ion:	276	Resp:	503930
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.6	28.0
138	34.5	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 7/10/2017 2:22:13 PM

