

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
 Data File : BF098257.D
 Acq On : 2 Sep 2017 20:32
 Operator : SJ/JU
 Sample : I5066-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:55:15 PM

Quant Time: Sep 04 08:13:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	103273	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	382381	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	147724	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	242776	20.00	ng	-0.04
75) Chrysene-d12	13.87	240	230054	20.00	ng	-0.03
86) Perylene-d12	15.28	264	219305	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	798848	117.66	ng	-0.02
7) Phenol-d6	6.36	99	1070931	116.09	ng	-0.02
23) Nitrobenzene-d5	7.28	82	649163	92.23	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	154301	120.38	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	858273	85.36	ng	-0.04
78) Terphenyl-d14	12.82	244	619506	56.16	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	117730	31.093	ng	90
3) Pyridine	3.10	79	341999	32.672	ng	# 85
4) n-Nitrosodimethylamine	3.05	42	131795	32.722	ng	# 71
6) Aniline	6.37	93	341941	26.386	ng	# 13
8) 2-Chlorophenol	6.50	128	277897	38.811	ng	95
9) Benzaldehyde	6.26	77	93769	16.048	ng	90
10) Phenol	6.37	94	393354	36.459	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	319185	39.197	ng	97
12) 1,3-Dichlorobenzene	6.65	146	266720	34.631	ng	# 94
13) 1,4-Dichlorobenzene	6.73	146	275161	35.128	ng	# 93
14) 1,2-Dichlorobenzene	6.88	146	255342	35.353	ng	99
15) Benzyl Alcohol	6.86	79	258906	37.487	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	385856	35.217	ng	85
17) 2-Methylphenol	6.98	107	244188	38.699	ng	94
18) Hexachloroethane	7.22	117	102928	33.515	ng	# 81
19) n-Nitroso-di-n-propylamine	7.13	70	216887	34.345	ng	89
20) 3+4-Methylphenols	7.13	107	300187	38.951	ng	# 81
22) Acetophenone	7.13	105	399773	39.575	ng	# 87
24) Nitrobenzene	7.30	77	335836	42.851	ng	93
25) Isophorone	7.54	82	581248	39.713	ng	98
26) 2-Nitrophenol	7.62	139	136540	48.078	ng	# 84
27) 2,4-Dimethylphenol	7.66	122	242949	39.801	ng	93
28) bis(2-Chloroethoxy)methane	7.75	93	386306	40.147	ng	98
29) 2,4-Dichlorophenol	7.86	162	206132	40.681	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	207187	36.885	ng	99
31) Naphthalene	8.02	128	754390	38.002	ng	100
32) Benzoic acid	7.73	122	9979	8.349	ng	95
33) 4-Chloroaniline	8.07	127	217306	25.956	ng	99
34) Hexachlorobutadiene	8.13	225	115969	35.360	ng	98
35) Caprolactam	8.43	113	65439m	37.989	ng	
36) 4-Chloro-3-methylphenol	8.56	107	227151	34.892	ng	# 82
37) 2-Methylnaphthalene	8.71	142	455837	37.454	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	181873	40.117	ng	99
40) Hexachlorocyclopentadiene	8.86	237	64649	29.683	ng	99

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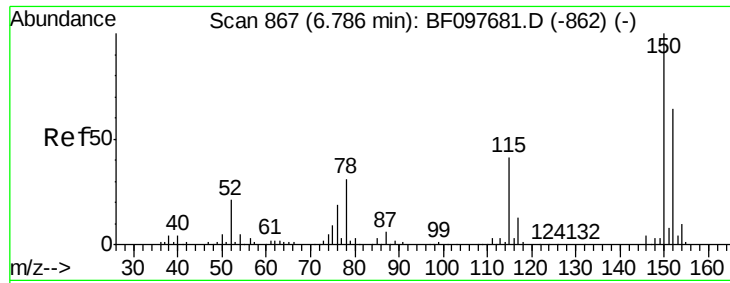
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	123851	40.690	ng	100
43) 2,4,5-Trichlorophenol	9.03	196	128109	42.426	ng	95
45) 1,1'-Biphenyl	9.17	154	517217	38.395	ng	94
46) 2-Chloronaphthalene	9.20	162	371662	37.340	ng	94
47) 2-Nitroaniline	9.30	65	140377	42.069	ng	93
48) Acenaphthylene	9.61	152	608011	38.899	ng	100
49) Dimethylphthalate	9.47	163	541901	50.184	ng	99
50) 2,6-Dinitrotoluene	9.54	165	94130	43.671	ng #	72
51) Acenaphthene	9.78	154	350123	35.517	ng	98
52) 3-Nitroaniline	9.70	138	88447	31.805	ng	84
53) 2,4-Dinitrophenol	9.82	184	14907	22.838	ng #	75
54) Dibenzofuran	9.95	168	521295	39.457	ng	99
55) 4-Nitrophenol	9.88	139	127393	57.426	ng #	42
56) 2,4-Dinitrotoluene	9.95	165	111301	41.147	ng #	59
57) Fluorene	10.29	166	391423	38.320	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	90466	38.696	ng	93
59) Diethylphthalate	10.17	149	436486	38.654	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	178610	37.638	ng	89
61) 4-Nitroaniline	10.32	138	93820	35.497	ng	75
62) Azobenzene	10.45	77	472066	35.194	ng	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	22557	24.620	ng	83
65) n-Nitrosodiphenylamine	10.41	169	335118	40.536	ng	98
66) 4-Bromophenyl-phenylether	10.77	248	100126	39.716	ng	98
67) Hexachlorobenzene	10.85	284	96304	37.478	ng	96
68) Atrazine	10.94	200	98794	45.061	ng	98
69) Pentachlorophenol	11.04	266	87700	58.535	ng	97
70) Phenanthrene	11.26	178	775720	59.962	ng	99
71) Anthracene	11.30	178	566839	43.200	ng	100
72) Carbazole	11.46	167	531227	42.651	ng	98
73) Di-n-butylphthalate	11.80	149	600034	41.825	ng	99
74) Fluoranthene	12.45	202	917205	67.926	ng	99
76) Benzidine	12.57	184	316507	41.961	ng #	91
77) Pyrene	12.67	202	872272	46.359	ng	98
79) Butylbenzylphthalate	13.29	149	269647	37.378	ng #	77
80) Benzo(a)anthracene	13.86	228	683608	49.580	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	177694	38.192	ng #	96
82) Chrysene	13.90	228	643095	46.887	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	368822	46.138	ng #	99
84) Di-n-octyl phthalate	14.46	149	710684	51.095	ng	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	463435	45.930	ng	95
87) Benzo(b)fluoranthene	14.88	252	772368	55.874	ng	99
88) Benzo(k)fluoranthene	14.91	252	486268m	37.442	ng	
89) Benzo(a)pyrene	15.23	252	611622	49.979	ng	99
90) Dibenzo(a,h)anthracene	16.67	278	350361	35.167	ng	96
91) Benzo(g,h,i)perylene	17.07	276	364665	35.079	ng #	92

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



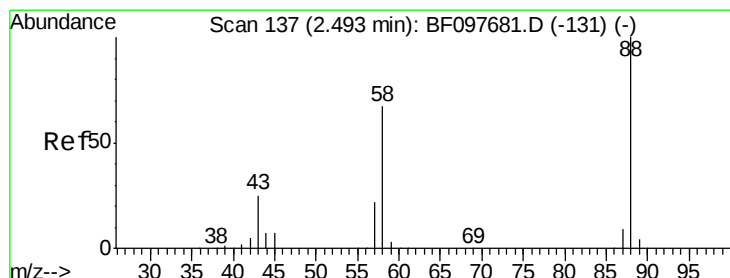
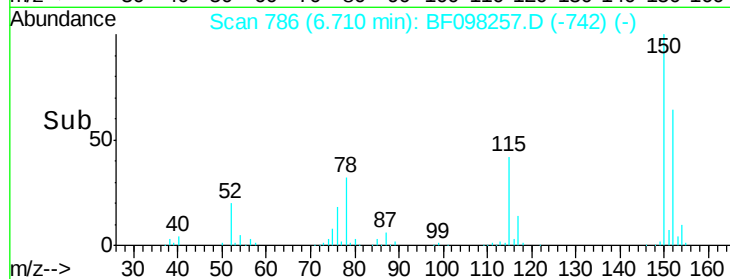
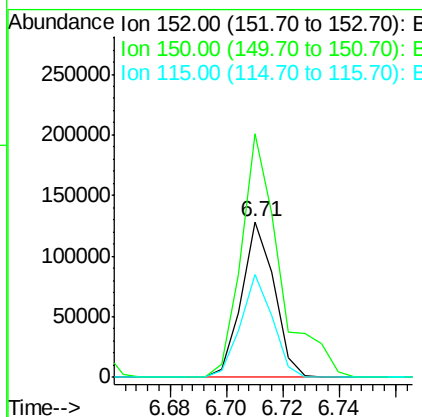
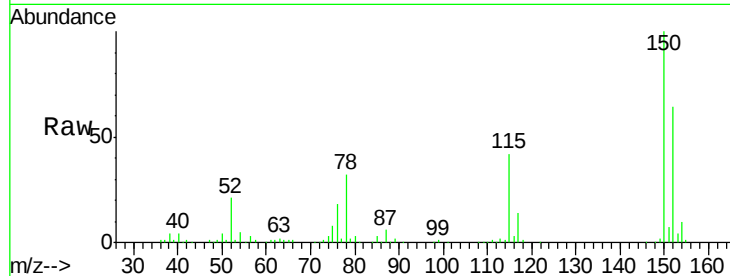
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	65.7	52.2	78.2

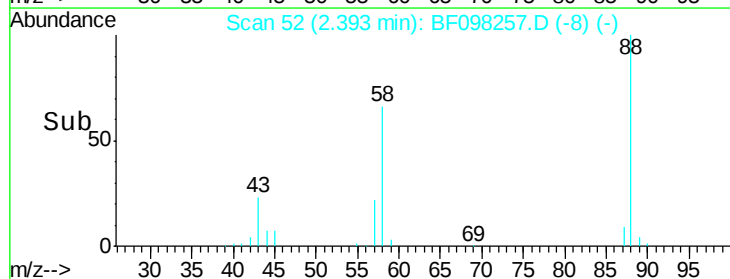
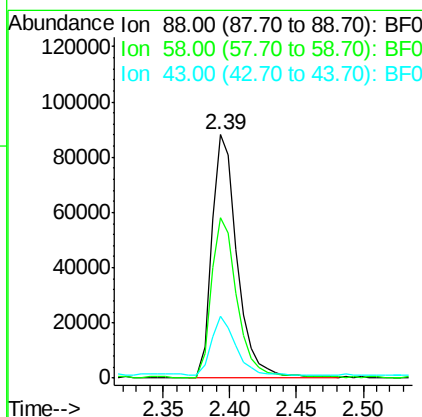
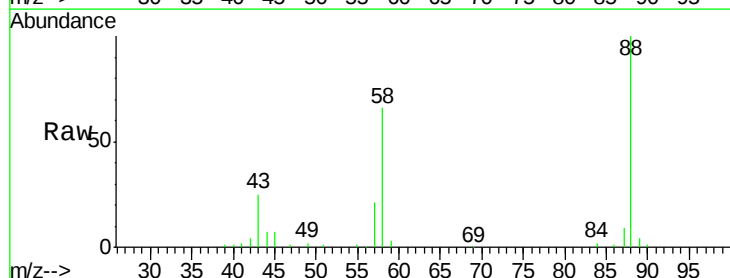
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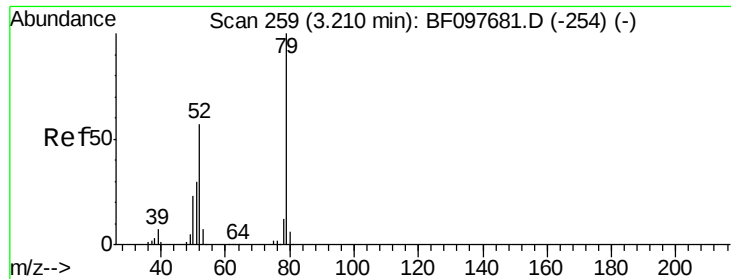
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#2
 1,4-Dioxane
 Concen: 31.093 ng
 RT: 2.39 min Scan# 52
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	61.4	92.0
43	23.4	23.4	35.0





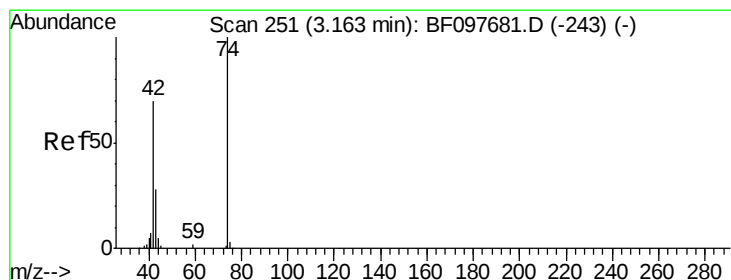
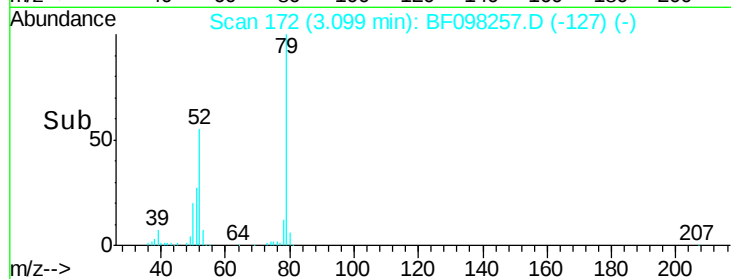
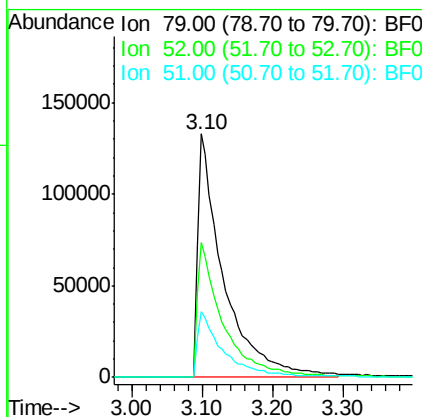
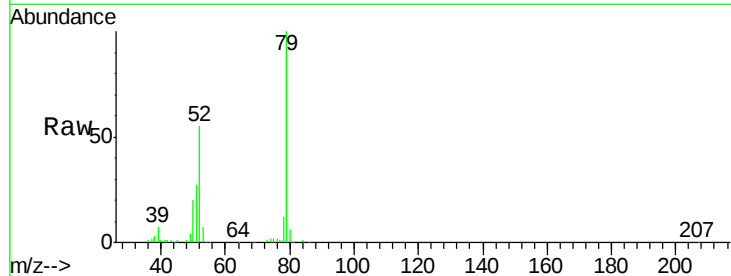
#3
 Pyridine
 Concen: 32.672 ng
 RT: 3.10 min Scan# 172
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	55.5	54.8	82.2
51	26.8	27.0	40.4

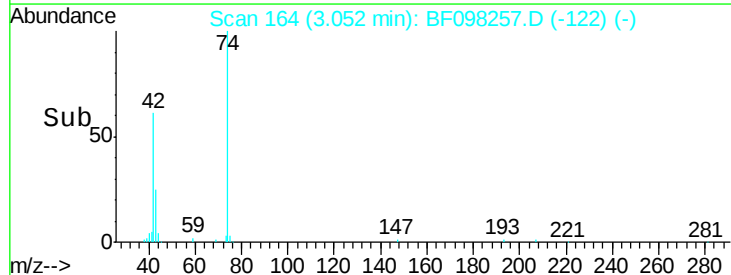
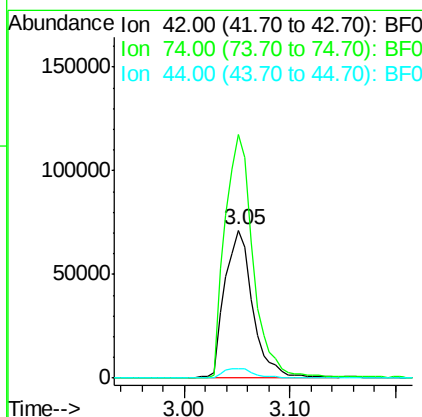
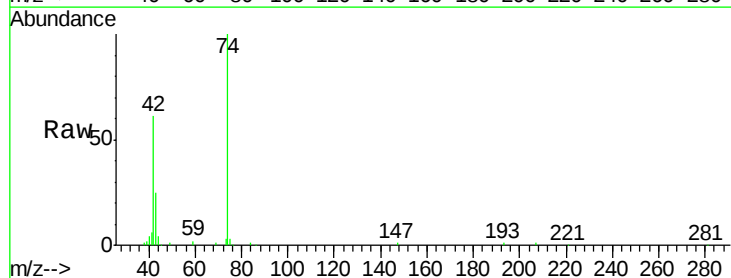
Manual Integrations
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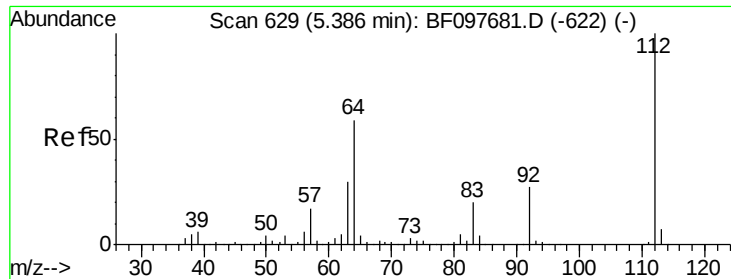
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#4
 n-Nitrosodimethylamine
 Concen: 32.722 ng
 RT: 3.05 min Scan# 164
 Delta R.T. -0.05 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.9	103.9	155.9
44	6.2	5.7	8.5





#5

2-Fluorophenol

Concen: 117.660 ng

RT: 5.33 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

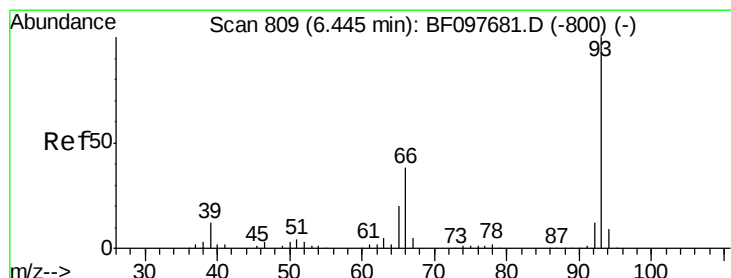
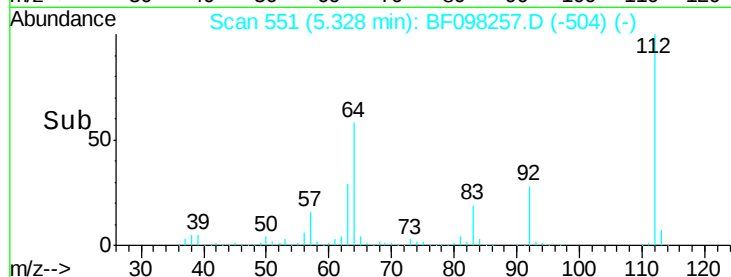
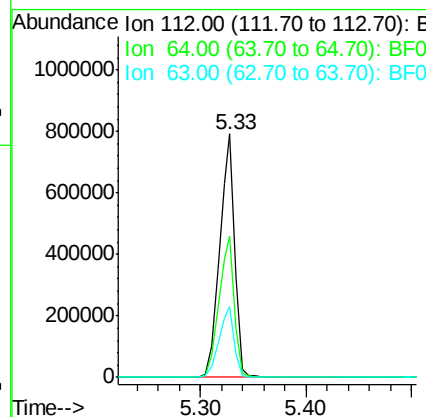
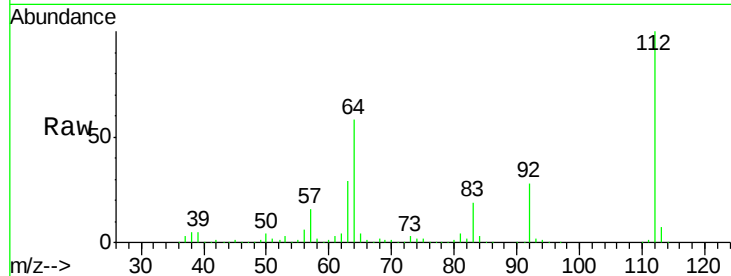
ClientSampleId :

CF-1MSD

Tgt Ion:	112	Resp:	798848
Ion Ratio	Lower	Upper	
112	100		
64	57.8	46.0	69.0
63	29.2	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 26.386 ng

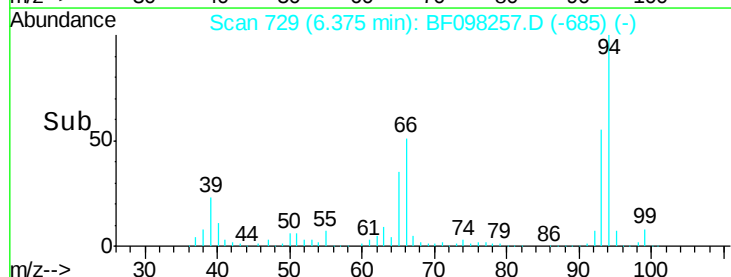
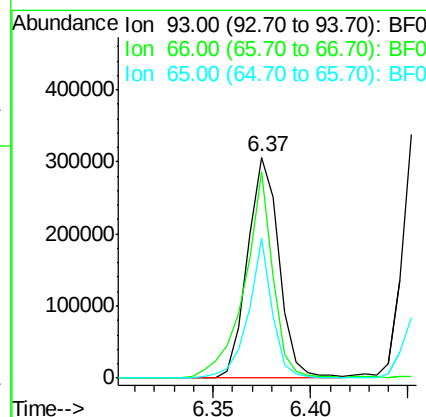
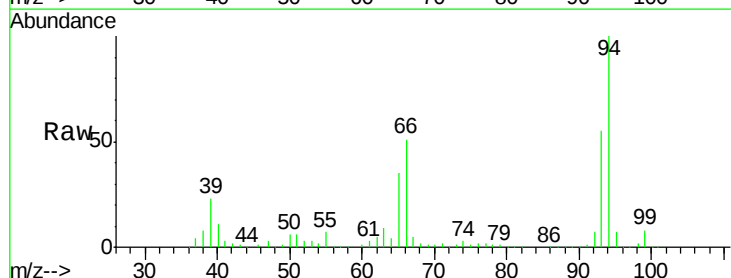
RT: 6.37 min Scan# 729

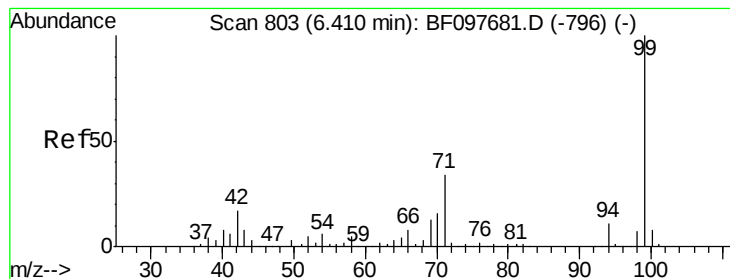
Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:	93	Resp:	341941
Ion Ratio	Lower	Upper	
93	100		
66	93.8	32.9	49.3#
65	63.4	16.0	24.0#





#7

Phenol-d6

Concen: 116.091 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampled :

CF-1MSD

Tgt Ion: 99 Resp: 1070931

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

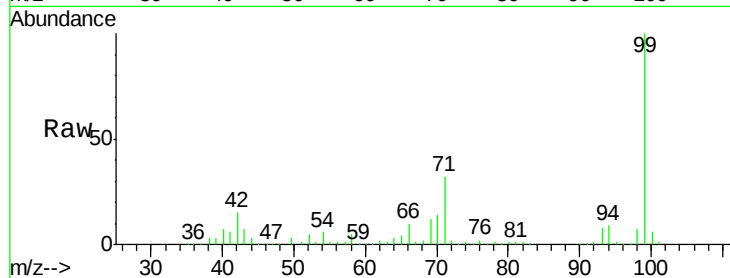
71 31.6 24.5 36.7

Manual Integrations

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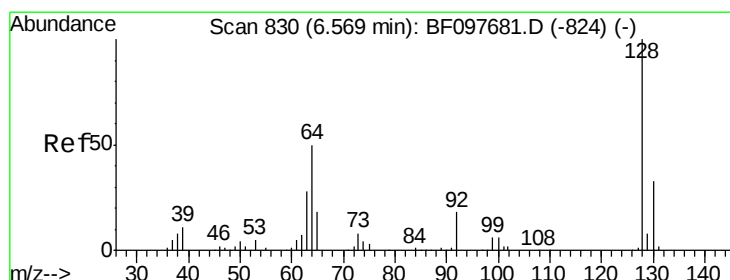
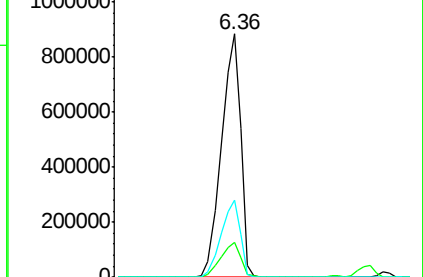
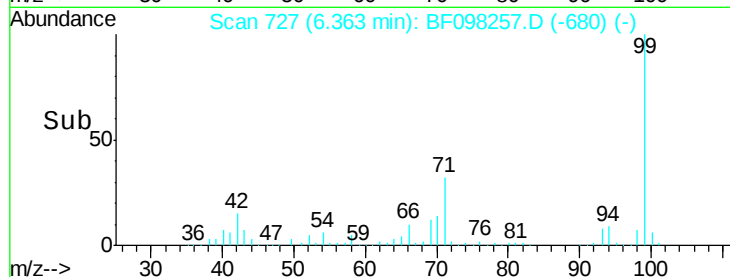
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.811 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

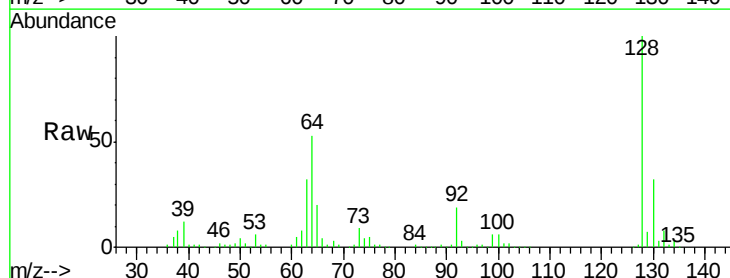
Tgt Ion: 128 Resp: 277897

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

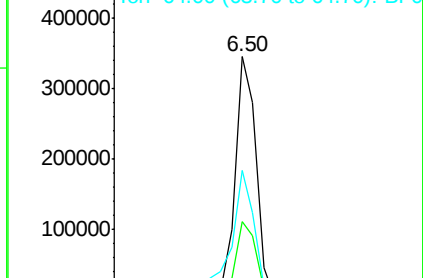
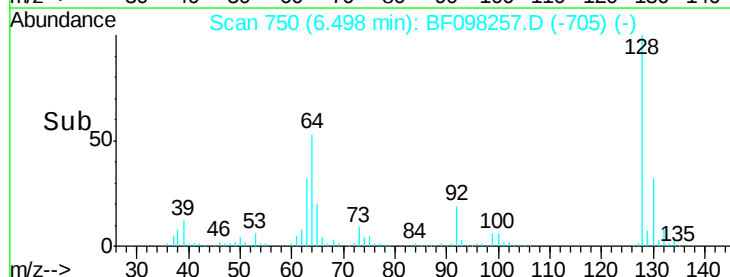
64 53.3 28.4 68.4

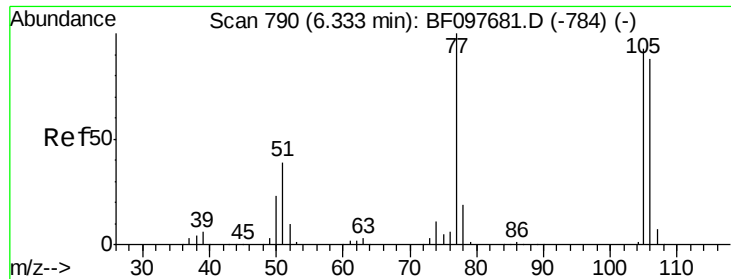


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.048 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

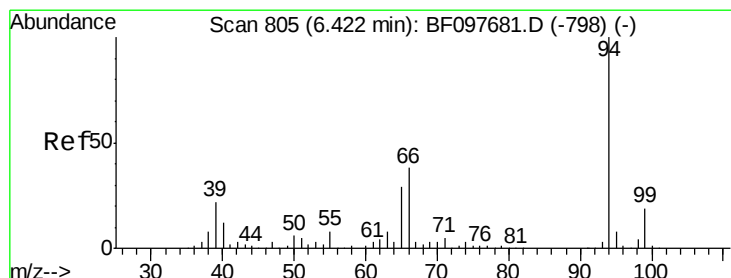
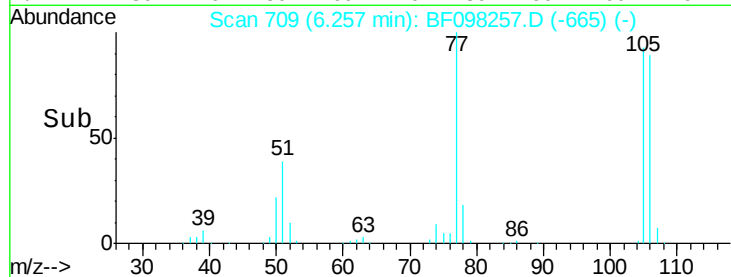
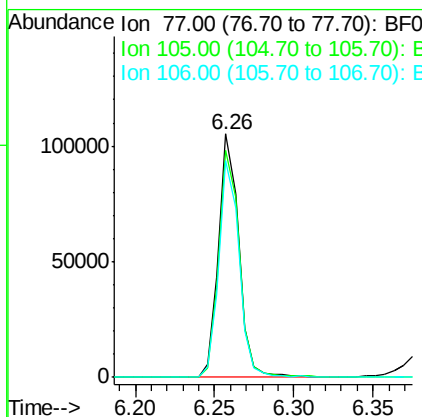
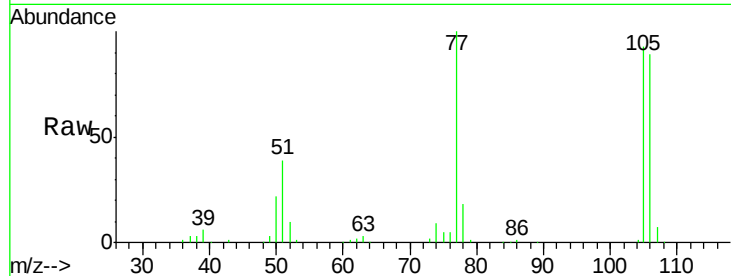
ClientSampleId :

CF-1MSD

Tgt Ion:	77	Resp:	93769
Ion	Ratio	Lower	Upper
77	100		
105	93.0	83.8	123.8
106	88.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 36.459 ng

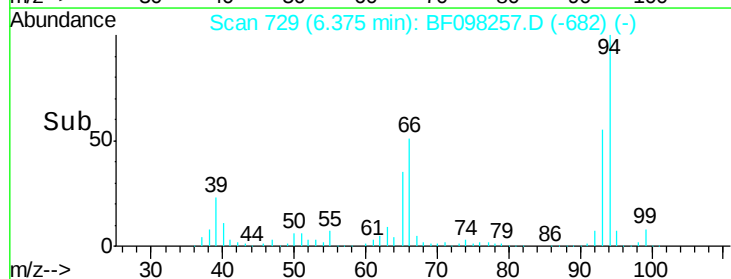
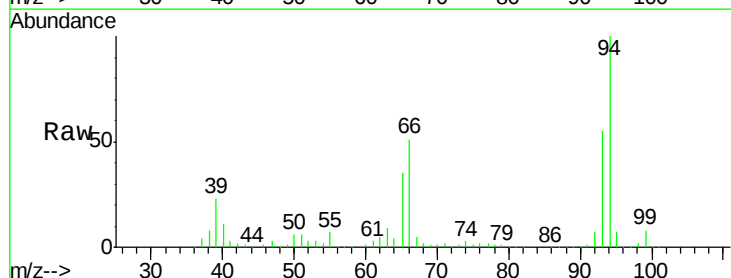
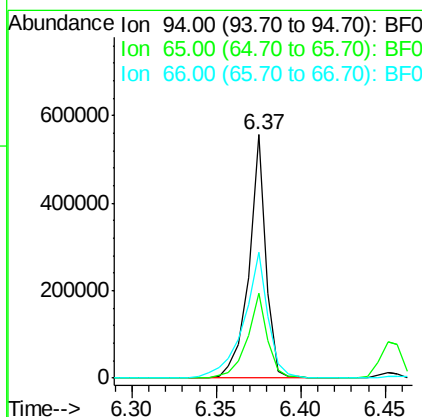
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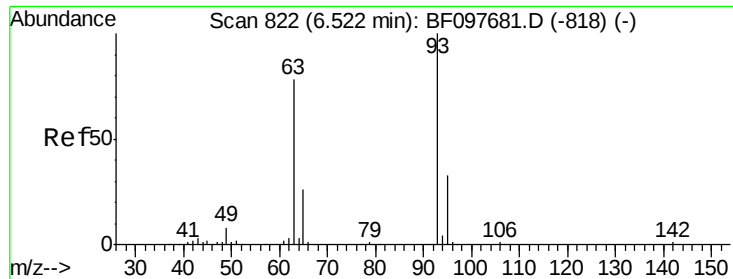
Delta R.T. -0.02 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:	94	Resp:	393354
Ion	Ratio	Lower	Upper
94	100		
65	34.8	9.9	49.9
66	51.5	23.1	63.1





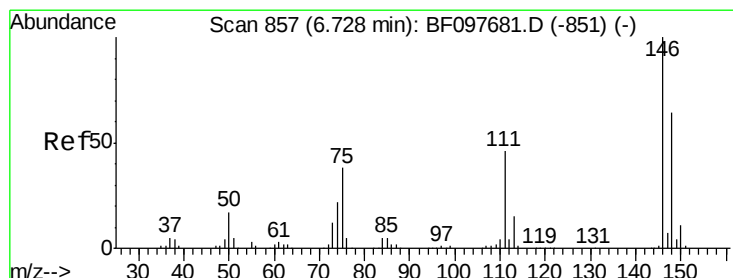
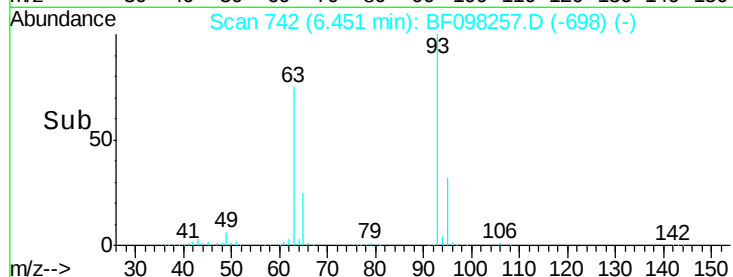
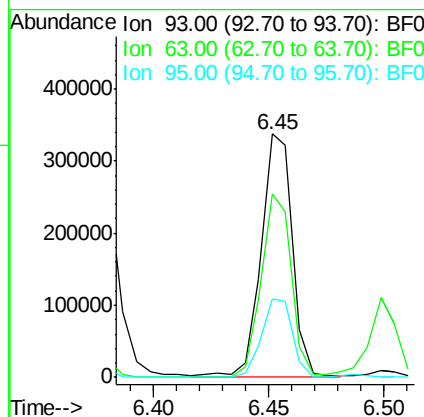
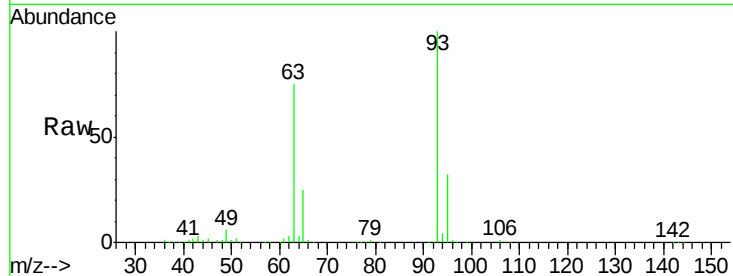
#11
 bis(2-Chloroethyl)ether
 Concen: 39.197 ng
 RT: 6.45 min Scan# 742
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319185		
63	75.3	59.2	99.2	
95	32.4	12.8	52.8	

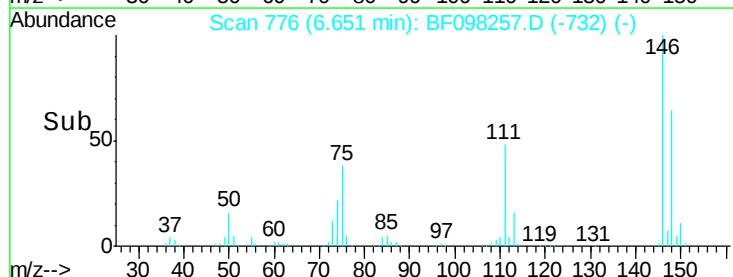
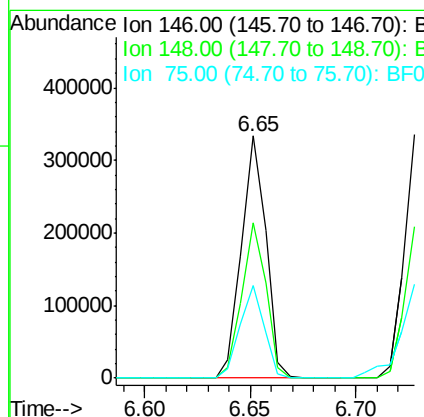
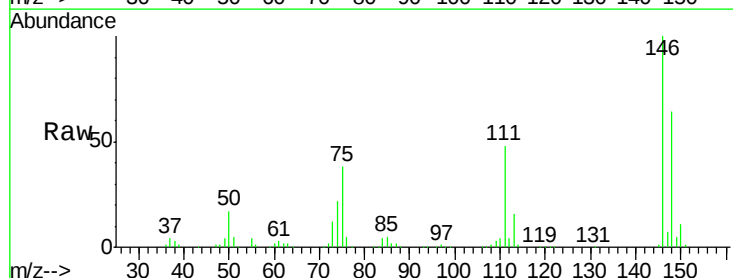
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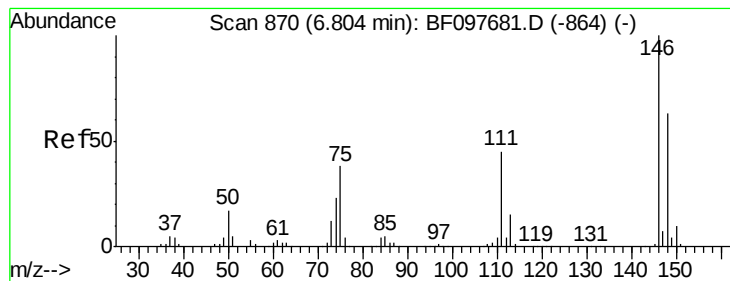
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 34.631 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266720		
148	64.0	51.8	77.6	
75	38.2	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 35.128 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

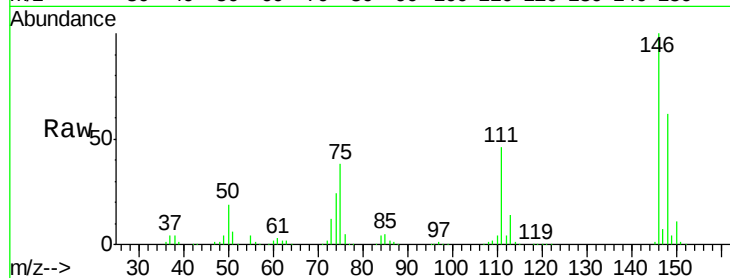
ClientSampleId :

CF-1MSD

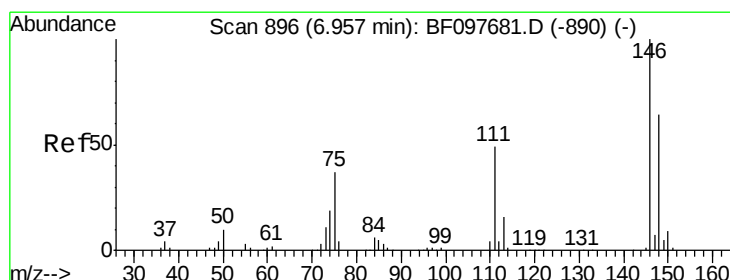
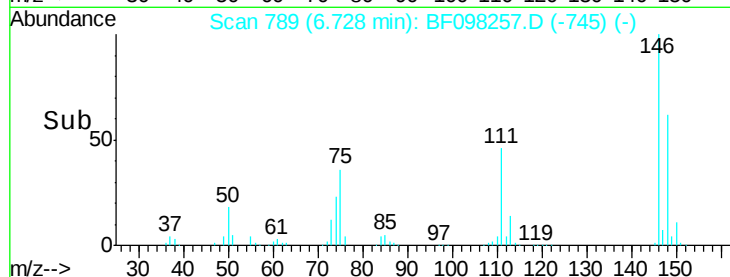
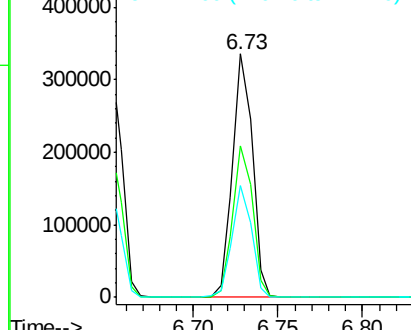
Tgt Ion:	146	Resp:	275161
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.2	78.2
111	46.0	30.3	45.5#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.353 ng

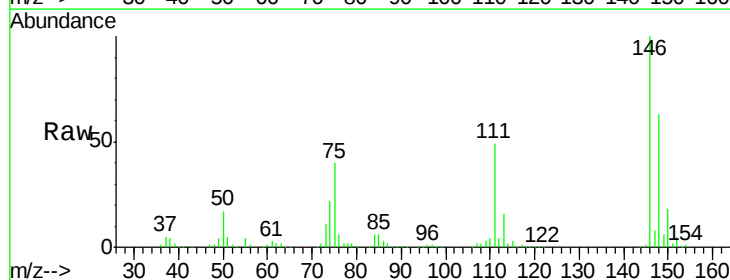
RT: 6.88 min Scan# 815

Delta R.T. -0.04 min

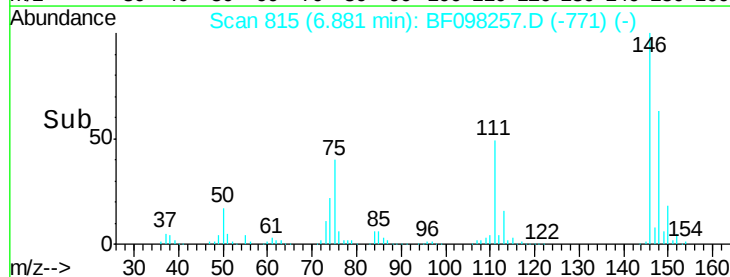
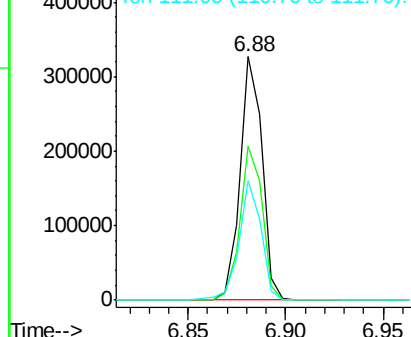
Lab File: BF098257.D

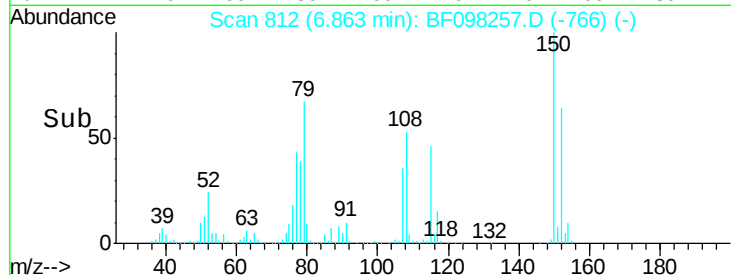
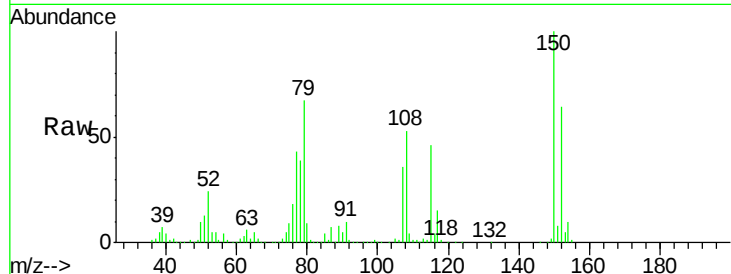
Acq: 2 Sep 2017 20:32

Tgt Ion:	146	Resp:	255342
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.4	75.6
111	48.9	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





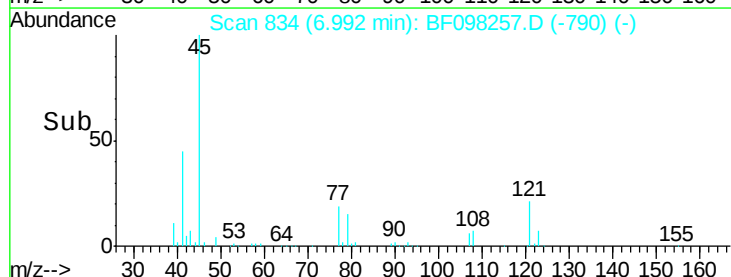
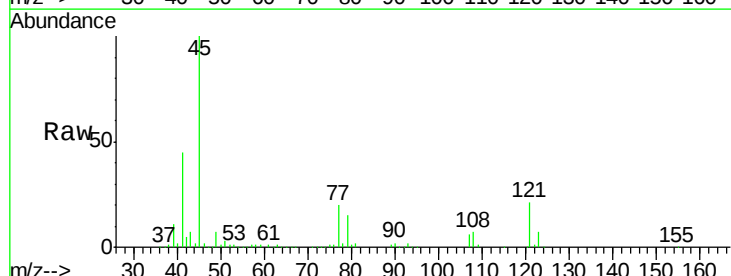
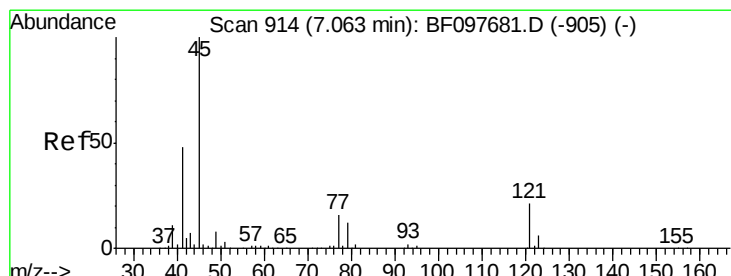
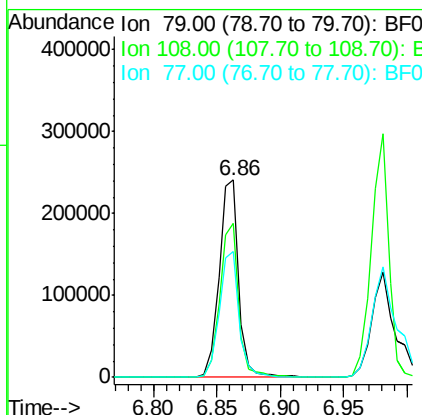
#15
Benzyl Alcohol
Concen: 37.487 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	258906		
108	78.2	63.4	95.0	
77	63.8	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

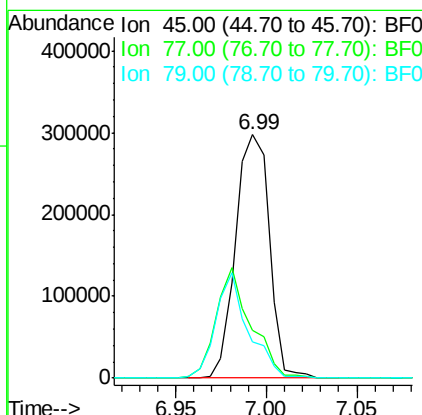
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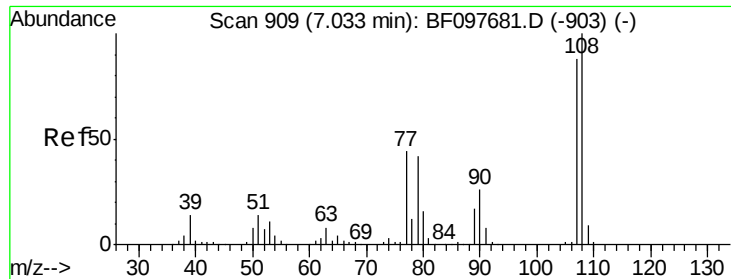
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.217 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	385856		
77	19.6	0.0	33.2	
79	15.1	0.0	30.0	





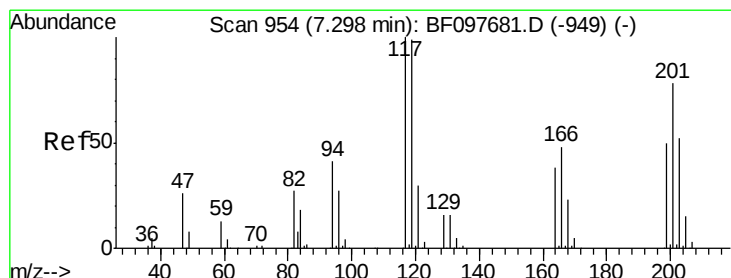
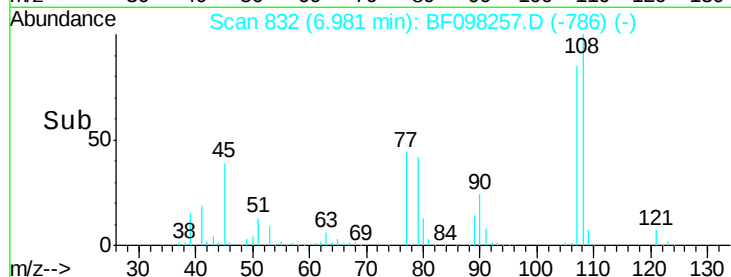
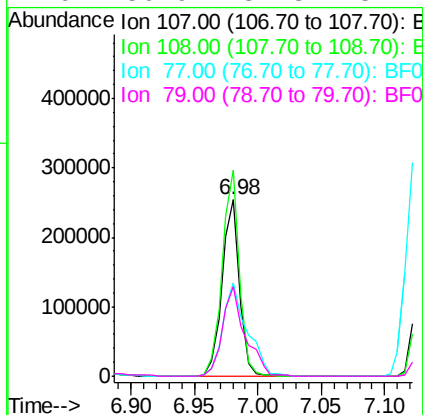
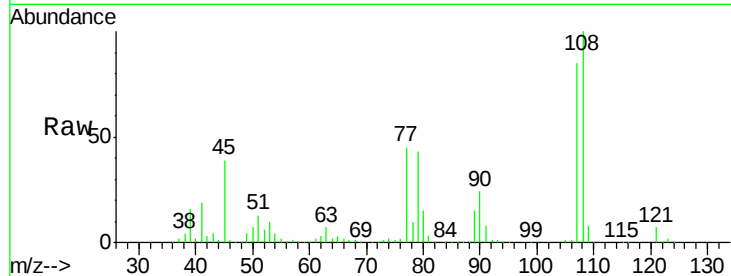
#17
2-Methylphenol
Concen: 38.699 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion:	107	Resp:	244188
Ion Ratio	Lower	Upper	
107	100		
108	117.3	93.4	140.0
77	53.1	35.8	53.6
79	50.9	34.8	52.2

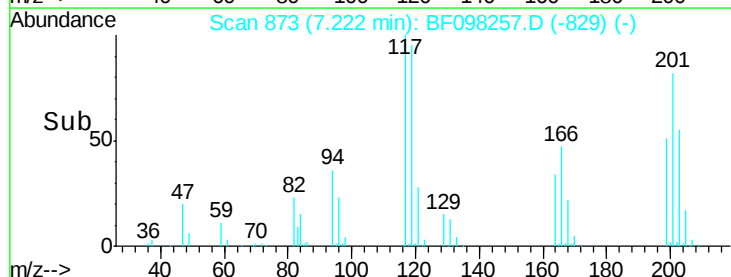
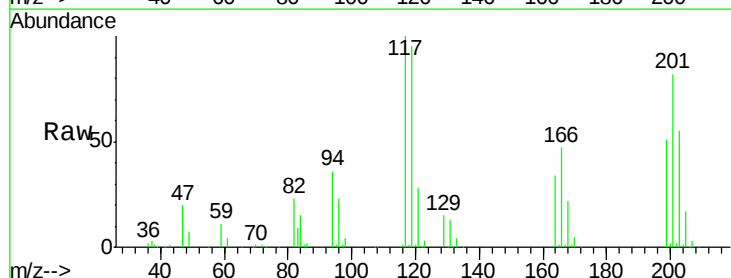
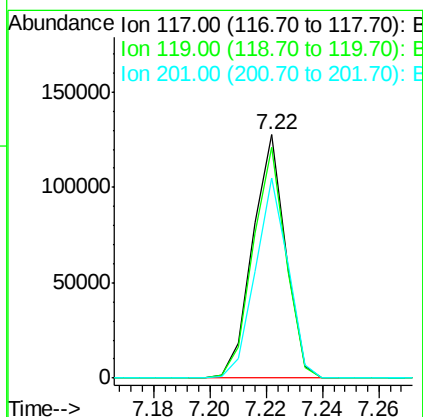
Manual Integrations
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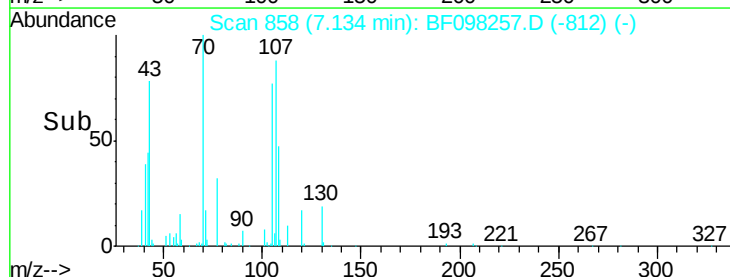
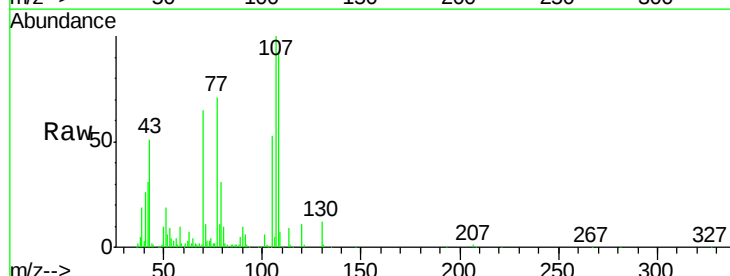
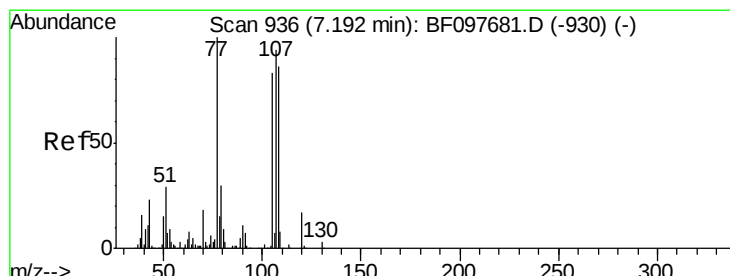
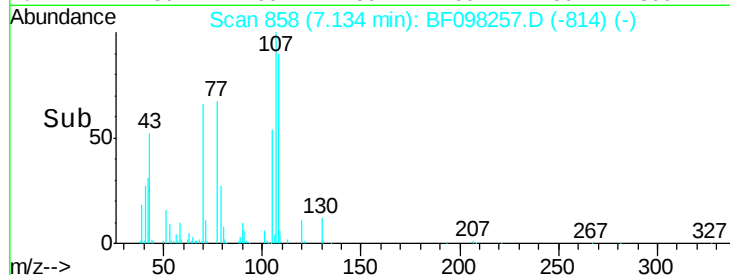
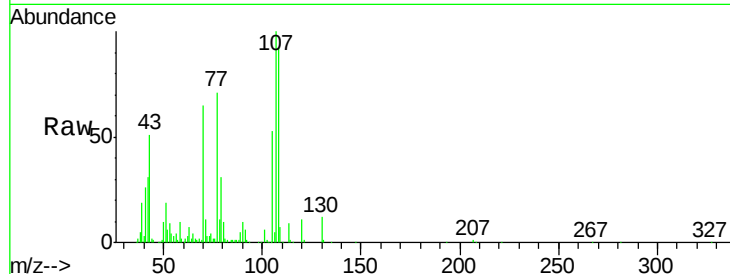
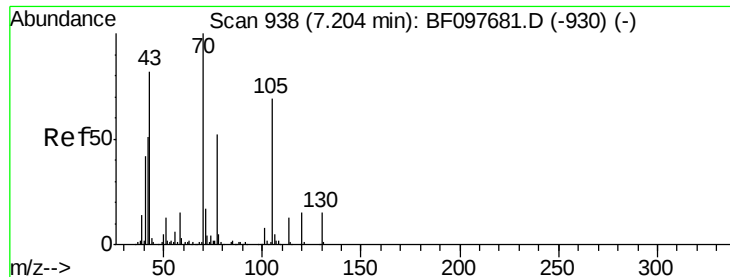
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#18
Hexachloroethane
Concen: 33.515 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:	117	Resp:	102928
Ion Ratio	Lower	Upper	
117	100		
119	95.0	77.4	116.0
201	82.1	94.6	141.8#





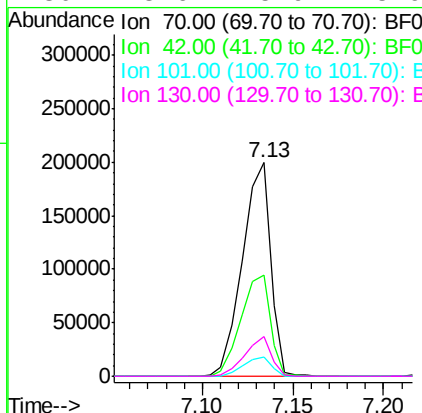
#19
n-Nitroso-di-n-propylamine
Concen: 34.345 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.2	70.8
101	8.9	7.2	10.8
130	18.6	15.9	23.9

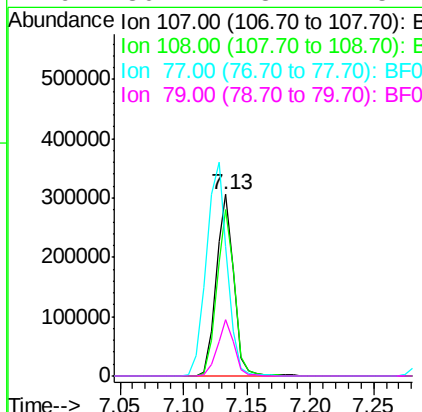
Manual Integrations
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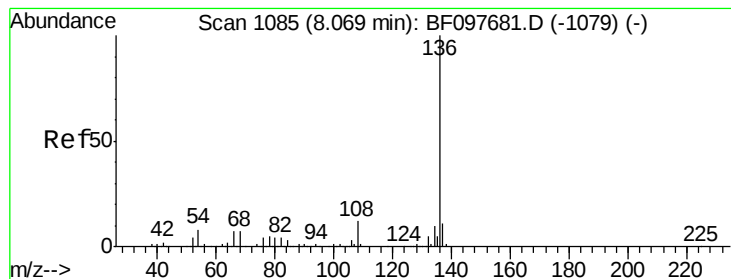
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#20
3+4-Methylphenols
Concen: 38.951 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.0	111.0
77	70.8	90.5	130.5#
79	30.7	8.4	48.4





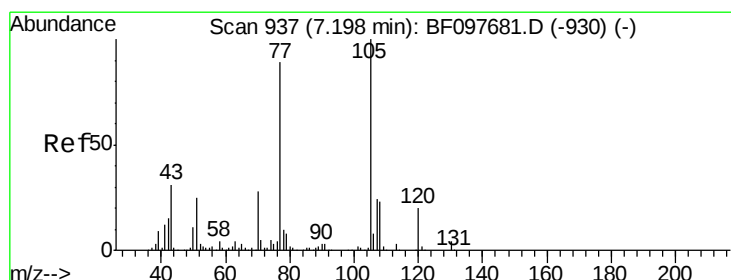
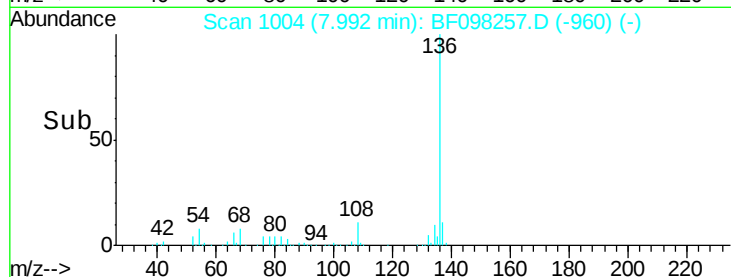
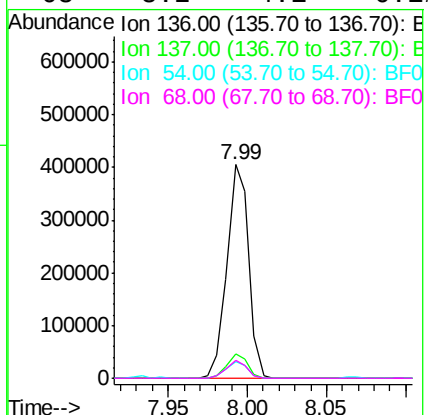
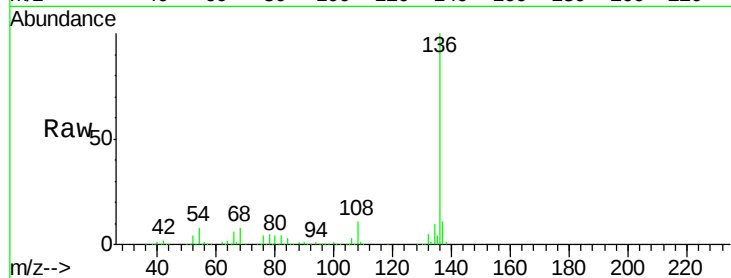
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	382381		
137	11.3	8.5	12.7	
54	8.1	4.9	7.3	
68	8.2	4.1	6.1	

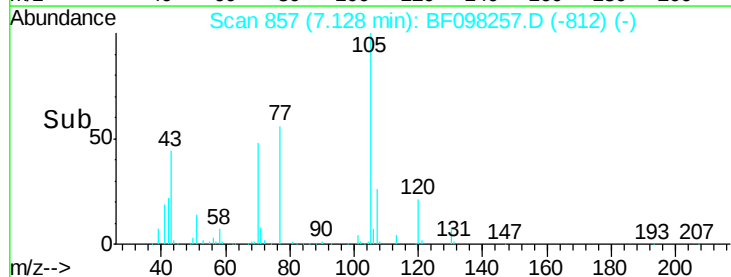
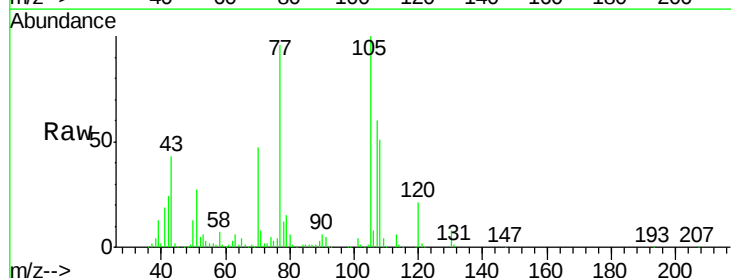
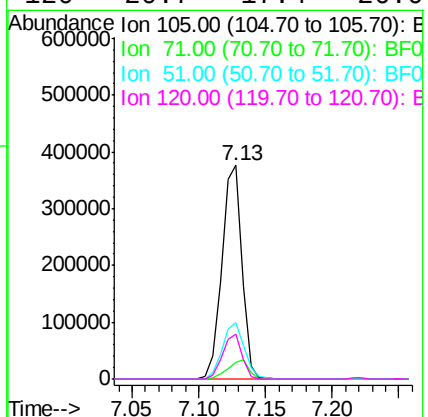
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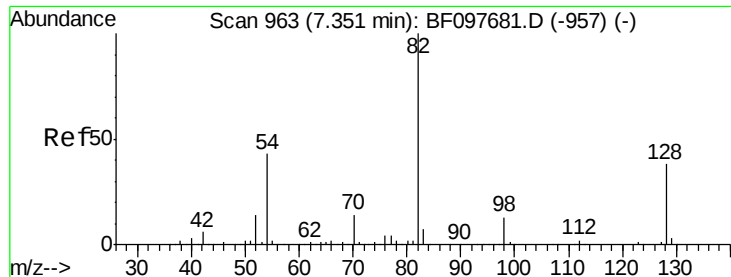
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#22
Acetophenone
Concen: 39.575 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	399773		
71	7.9	2.8	4.2	
51	26.6	30.7	46.1	
120	20.7	17.4	26.0	





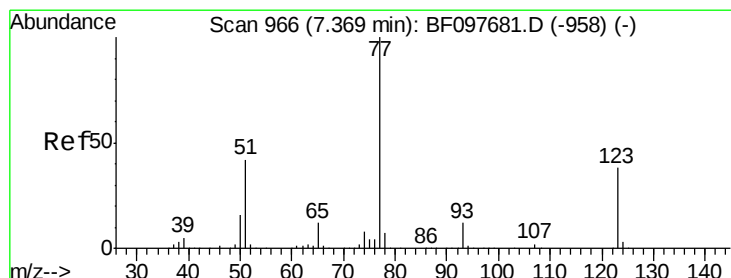
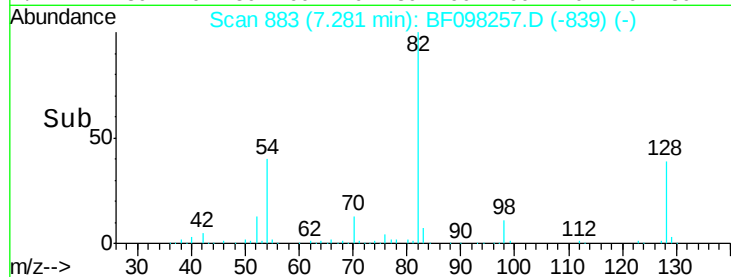
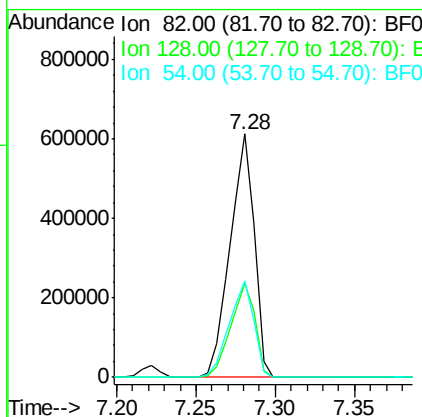
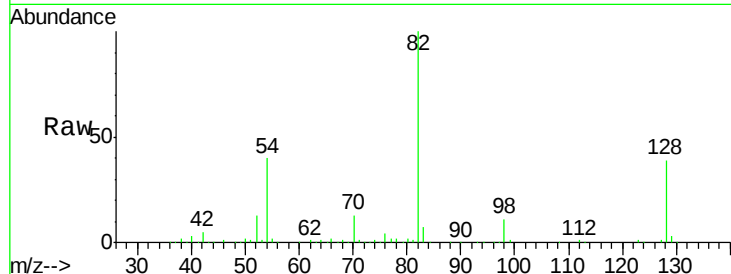
#23
 Nitrobenzene-d5
 Concen: 92.226 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	649163		
128	38.8	34.0	51.0	
54	39.7	42.2	63.2	

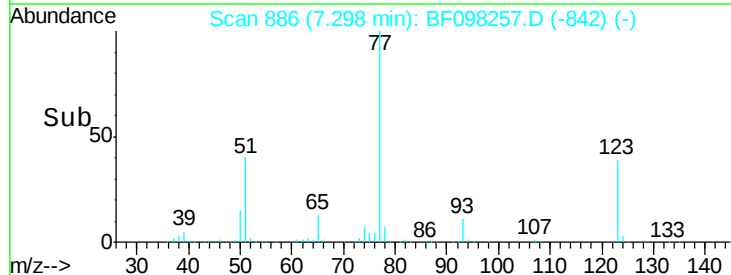
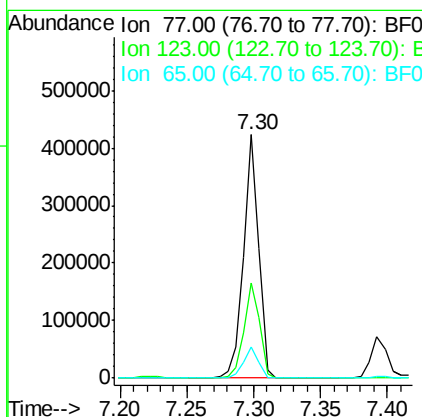
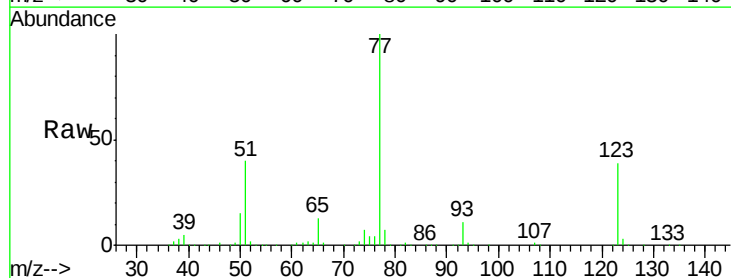
Manual Integrations
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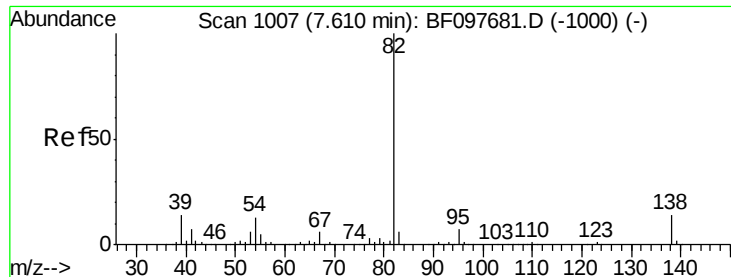
mohammad
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#24
 Nitrobenzene
 Concen: 42.851 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	335836		
123	39.0	35.8	53.8	
65	12.8	10.6	15.8	





#25

Isophorone

Concen: 39.713 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

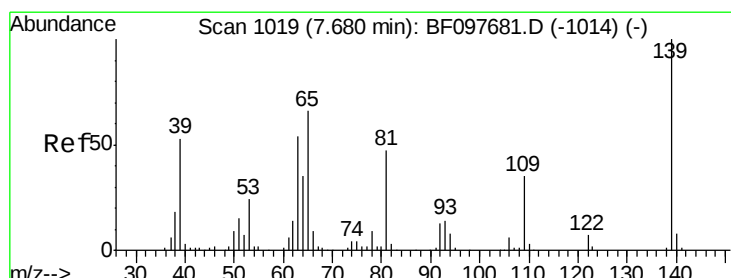
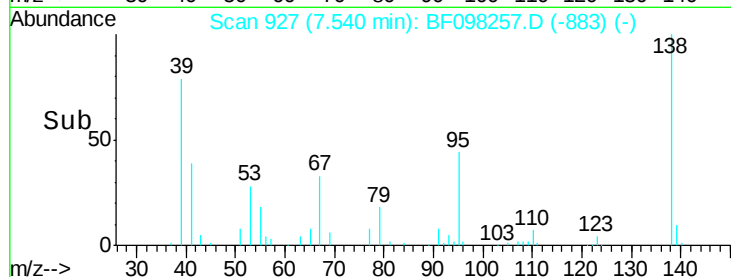
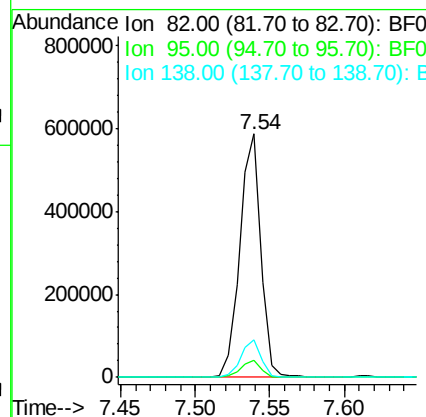
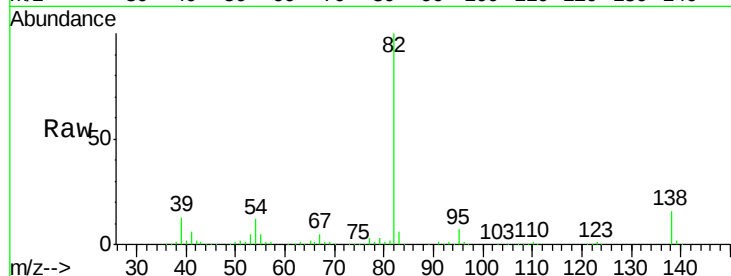
ClientSampleId :

CF-1MSD

Tgt Ion:	82	Resp:	581248
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	15.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.078 ng

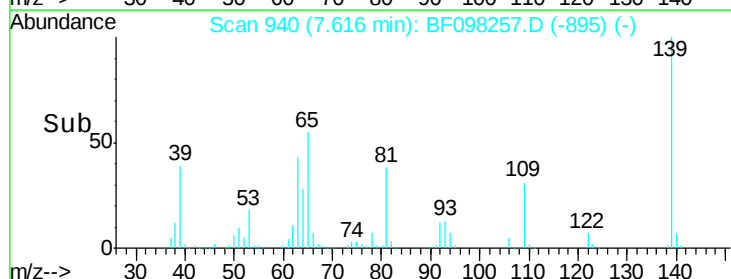
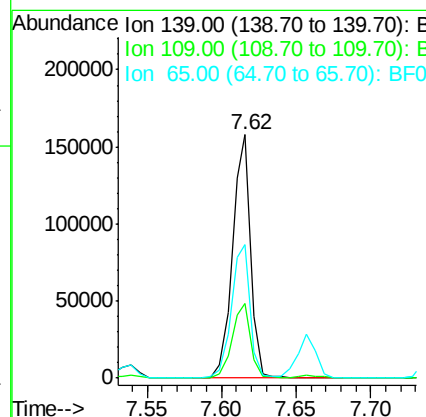
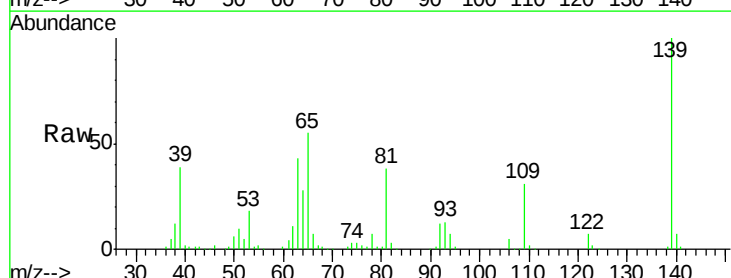
RT: 7.62 min Scan# 940

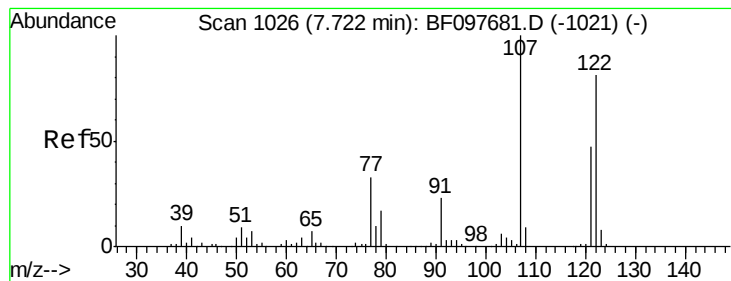
Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:	139	Resp:	136540
Ion Ratio	Lower	Upper	
139	100		
109	30.7	21.0	31.6
65	54.6	33.0	49.6#





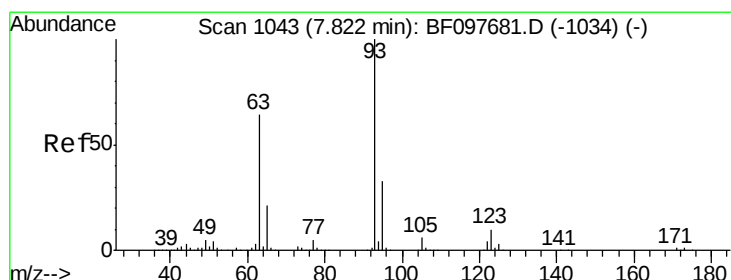
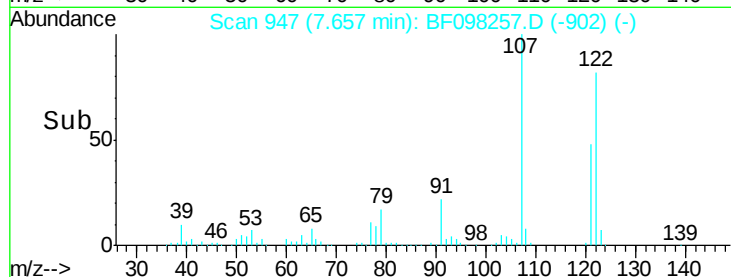
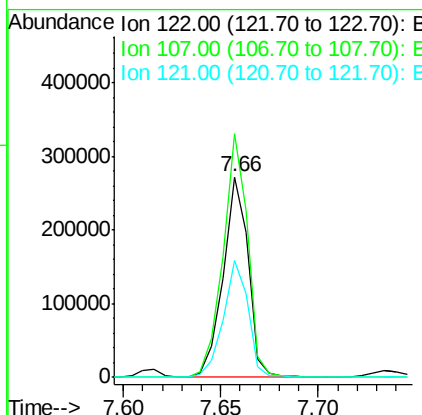
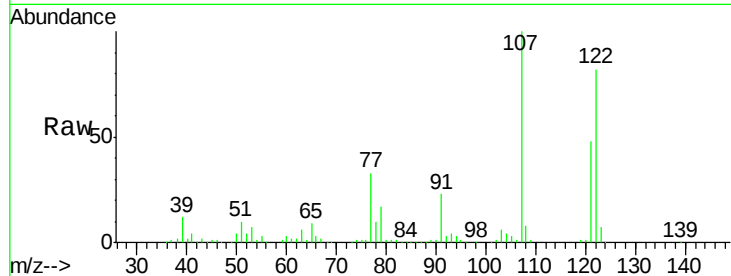
#27
2,4-Dimethylphenol
Concen: 39.801 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	242949		
107	121.4	89.2	133.8	
121	58.6	45.2	67.8	

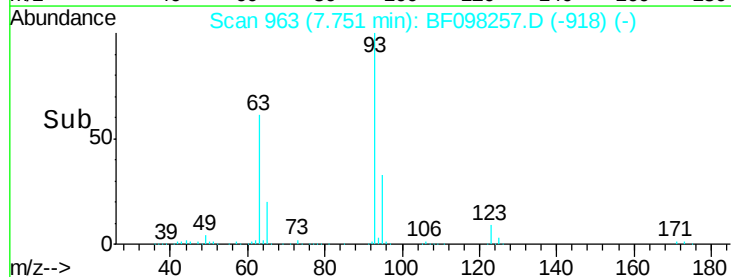
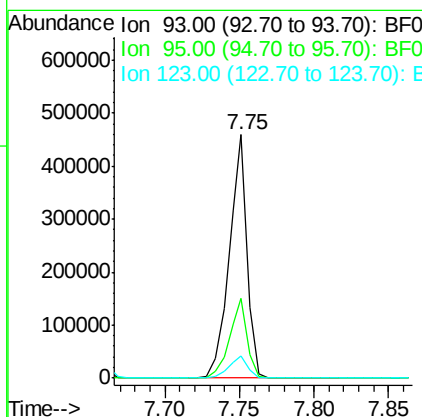
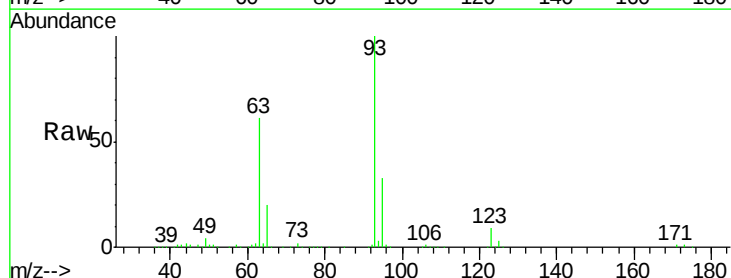
Manual Integrations
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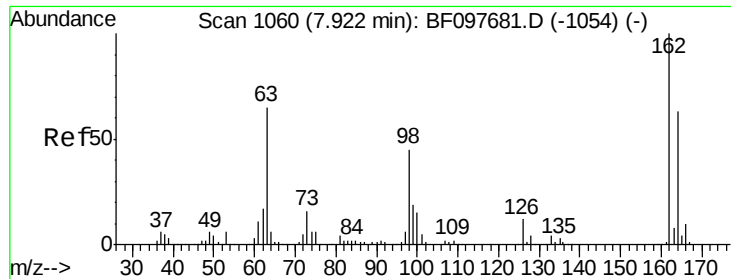
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.147 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	386306		
95	32.7	26.5	39.7	
123	9.3	9.0	13.4	





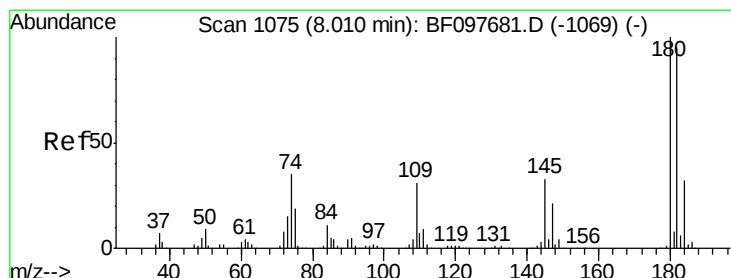
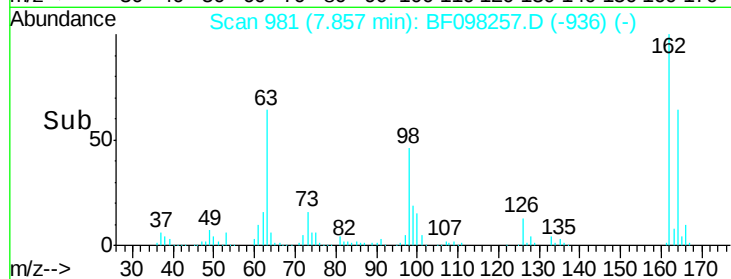
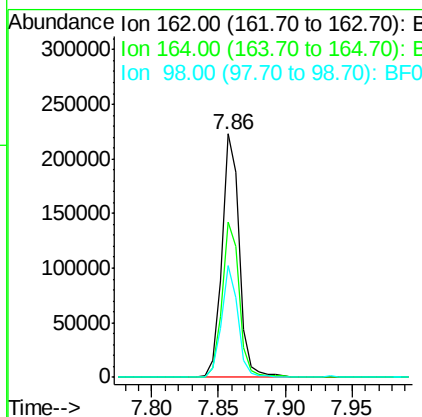
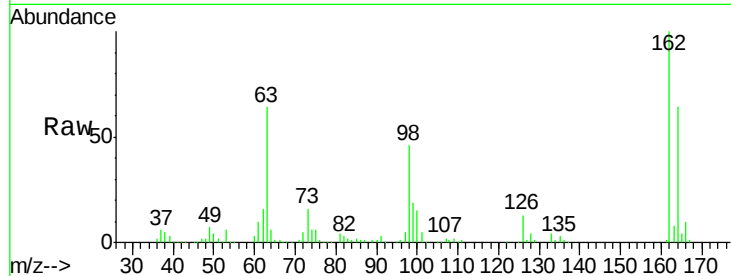
#29
 2,4-Dichlorophenol
 Concen: 40.681 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion:	162	Resp:	206132
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.6	84.6
98	45.9	14.8	54.8

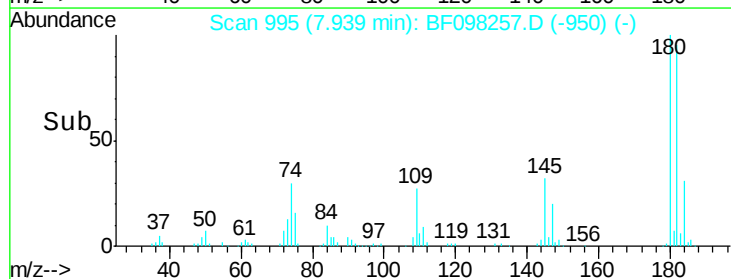
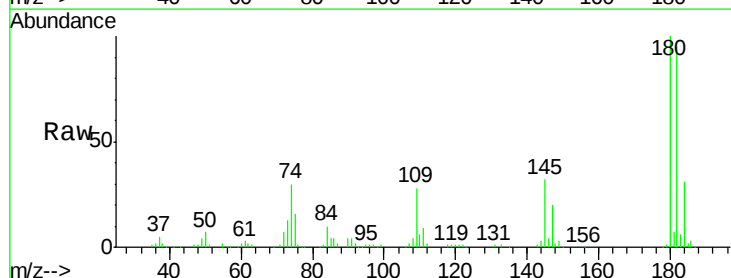
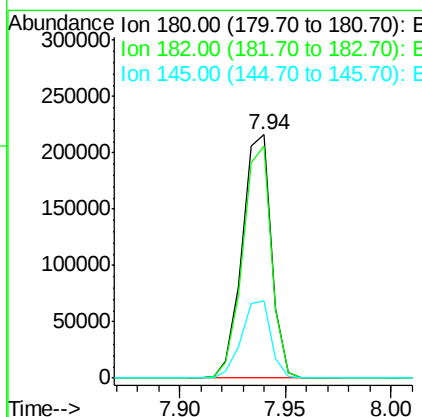
Manual Integrations
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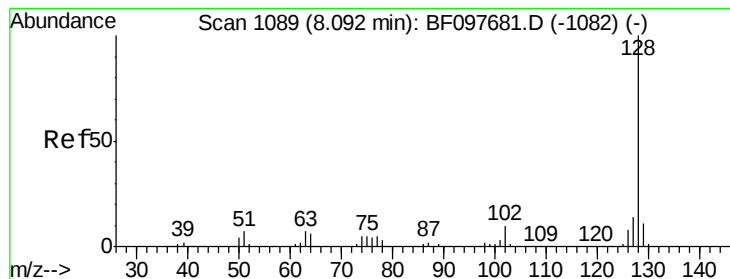
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.885 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:	180	Resp:	207187
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.6
145	31.8	25.3	37.9





#31

Naphthalene

Concen: 38.002 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

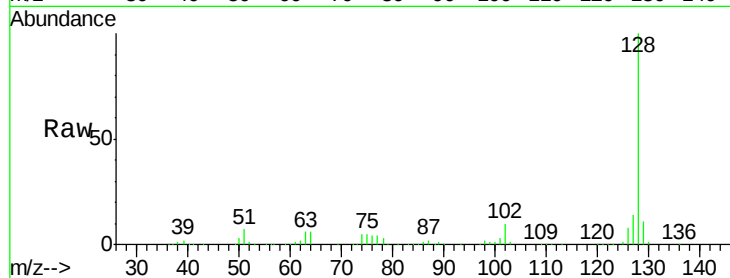
ClientSampleId :

CF-1MSD

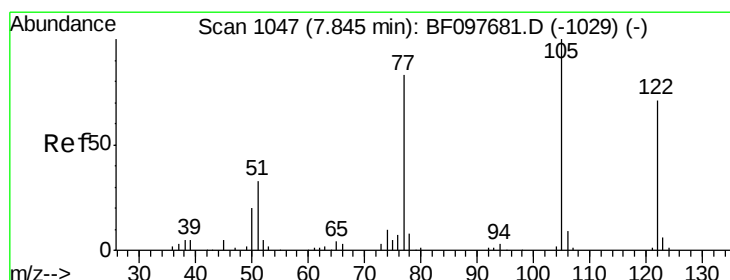
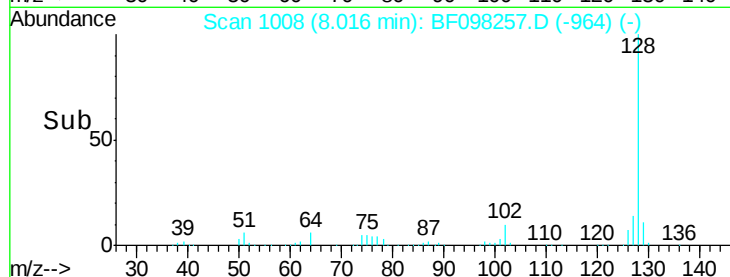
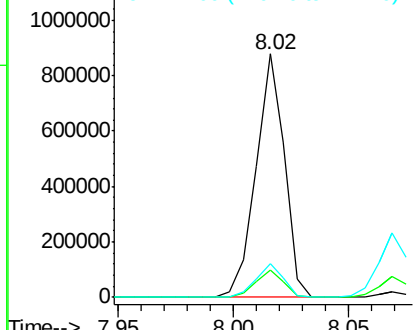
Tgt Ion:	128	Resp:	754390
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	13.6	10.8	16.2

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.349 ng

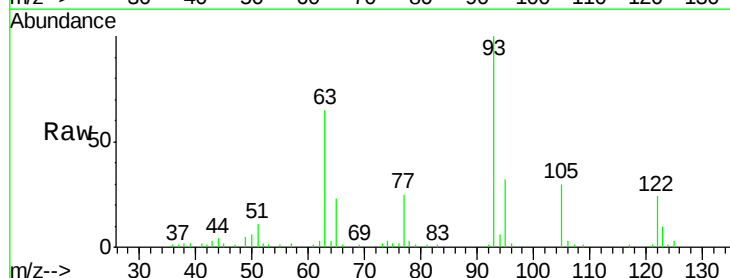
RT: 7.73 min Scan# 960

Delta R.T. -0.10 min

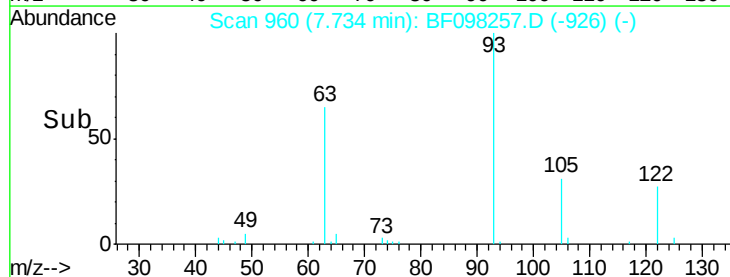
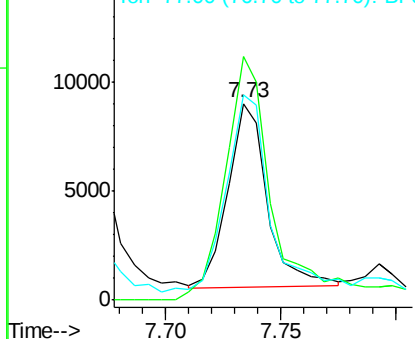
Lab File: BF098257.D

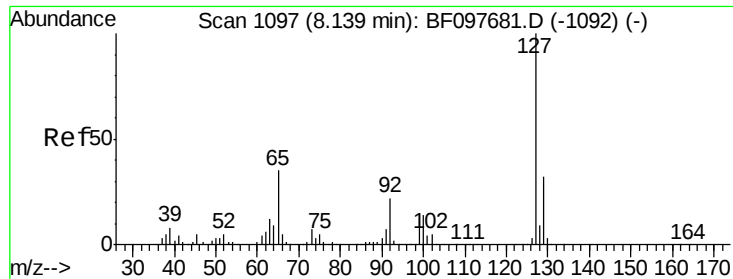
Acq: 2 Sep 2017 20:32

Tgt Ion:	122	Resp:	9979
Ion Ratio	Lower	Upper	
122	100		
105	123.7	103.3	143.3
77	104.1	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





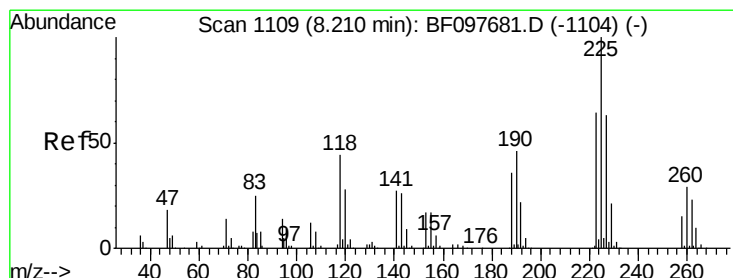
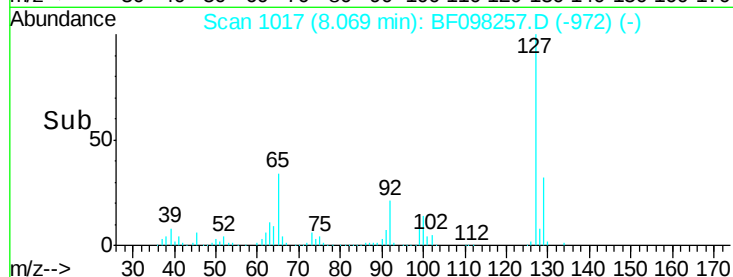
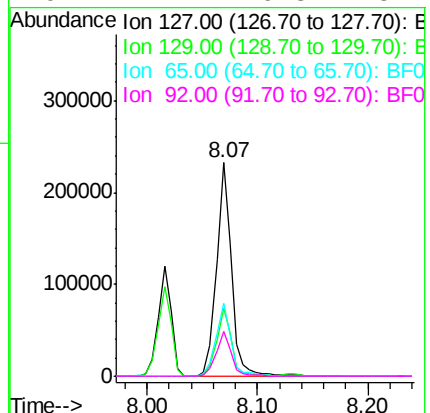
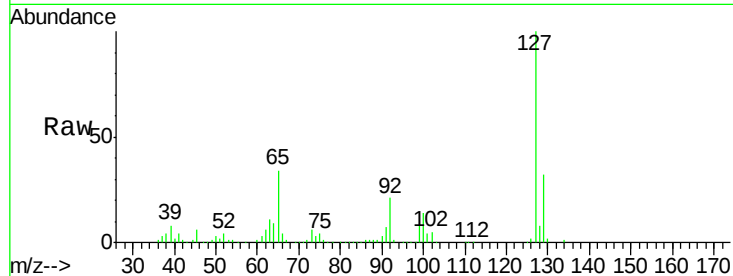
#33
4-Chloroaniline
Concen: 25.956 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	217306		
129	32.0	26.2	39.2	
65	34.1	27.8	41.8	
92	21.1	16.8	25.2	

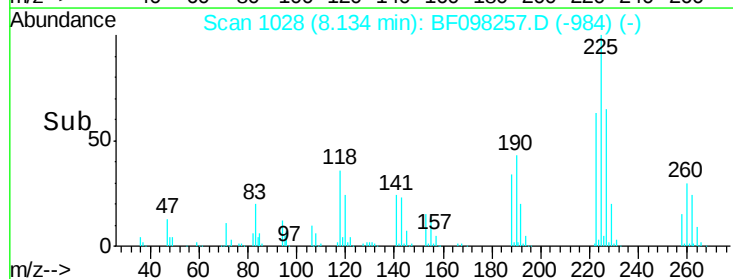
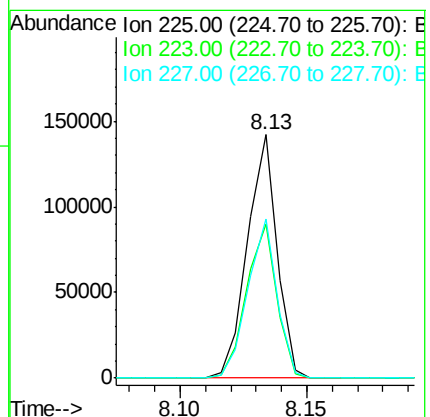
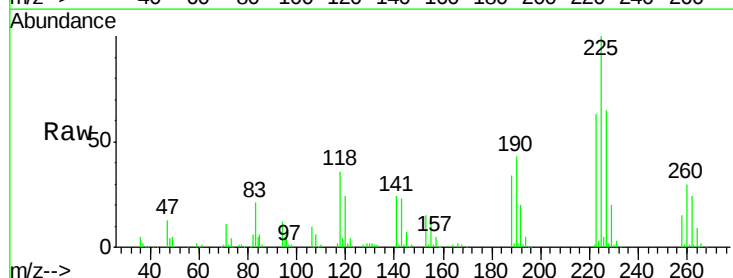
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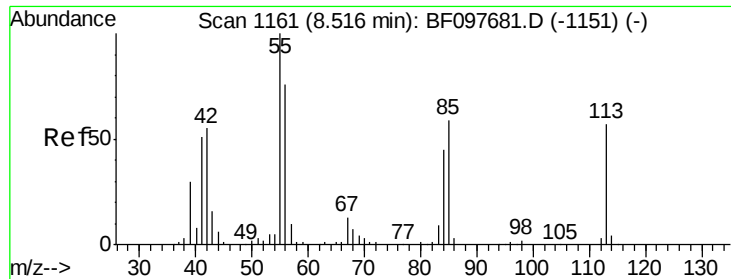
mohammad
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#34
Hexachlorobutadiene
Concen: 35.360 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115969		
223	63.4	48.8	73.2	
227	65.3	51.1	76.7	





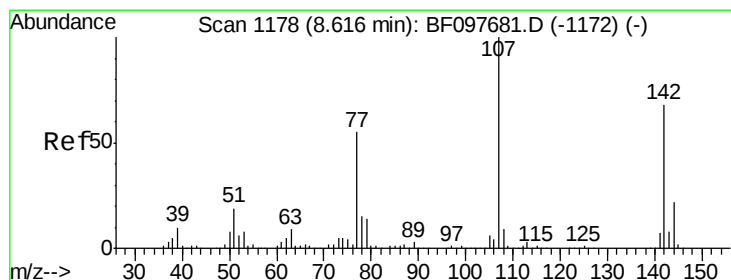
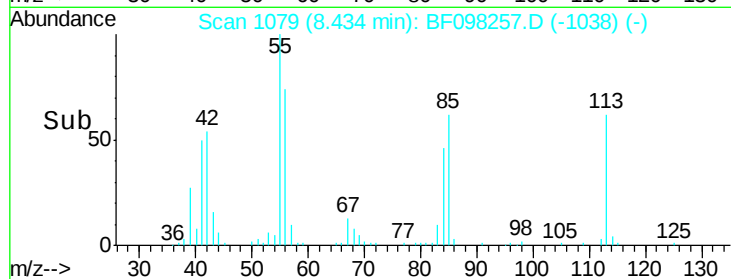
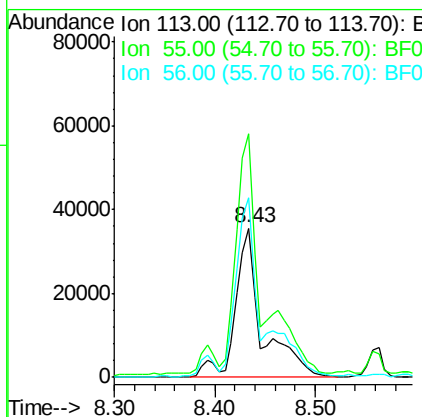
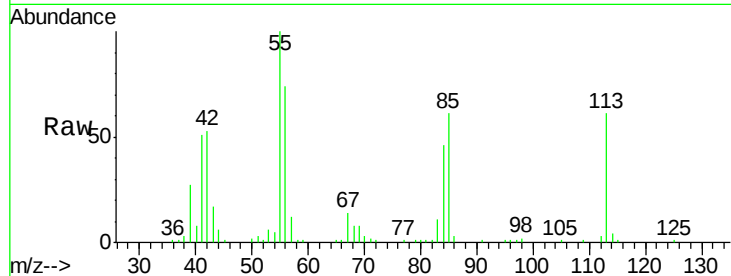
#35
 Caprolactam
 Concen: 37.989 ng m
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.06 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion:113 Resp: 65439
 Ion Ratio Lower Upper
 113 100
 55 163.4 150.2 190.2
 56 120.7 107.8 147.8

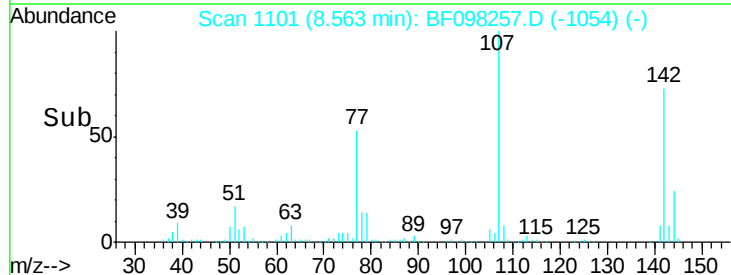
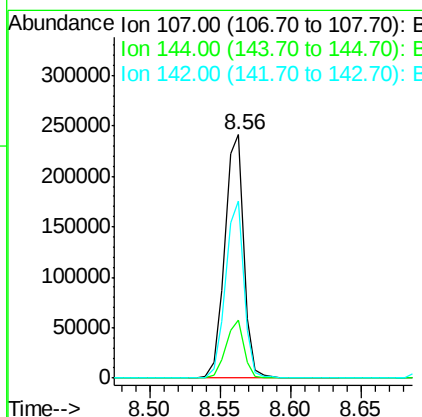
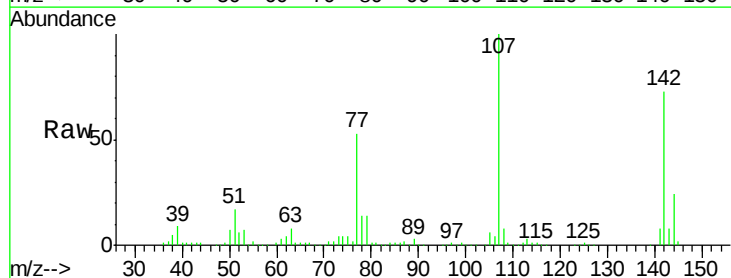
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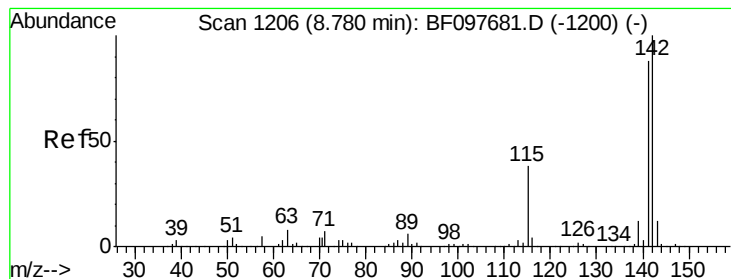
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 34.892 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:107 Resp: 227151
 Ion Ratio Lower Upper
 107 100
 144 23.6 24.2 36.4#
 142 72.7 73.4 110.0#





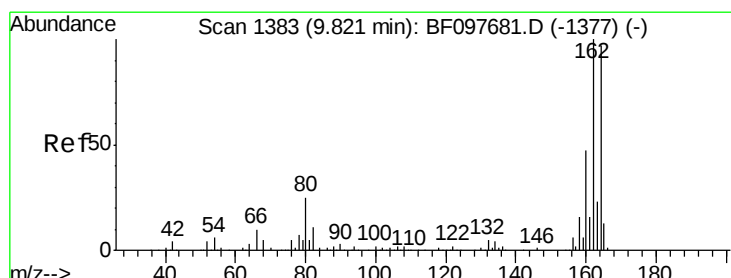
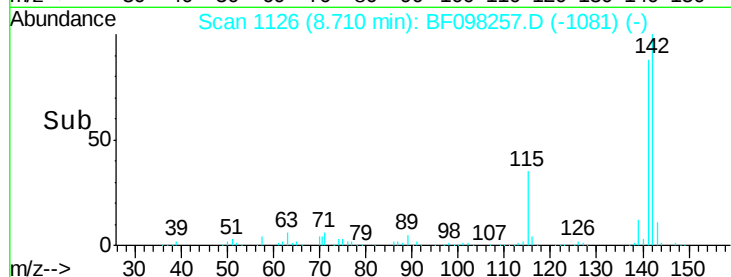
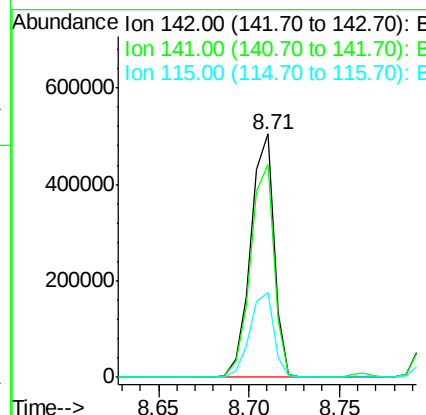
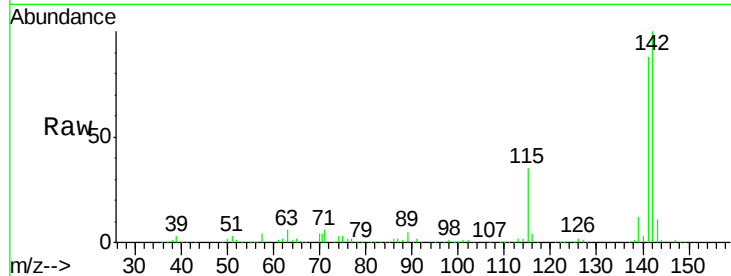
#37
 2-Methylnaphthalene
 Concen: 37.454 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	455837		
141	87.6	71.3	106.9	
115	34.7	27.1	40.7	

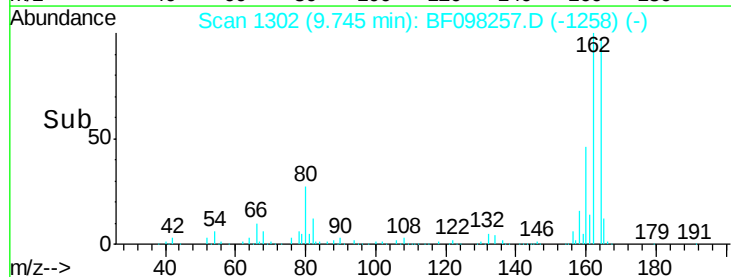
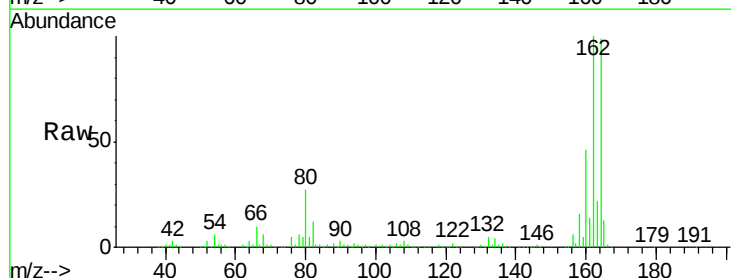
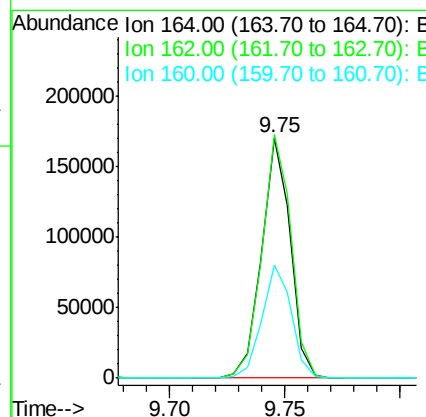
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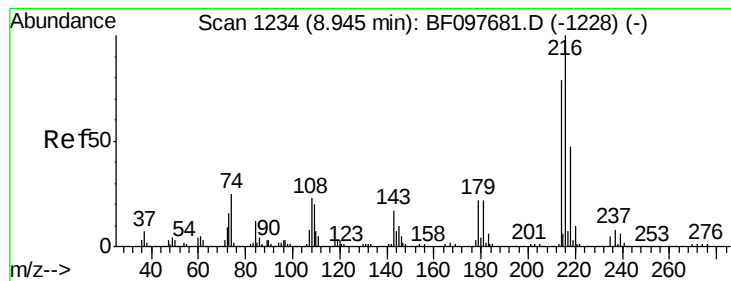
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147724		
162	101.4	82.6	123.8	
160	46.8	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.117 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

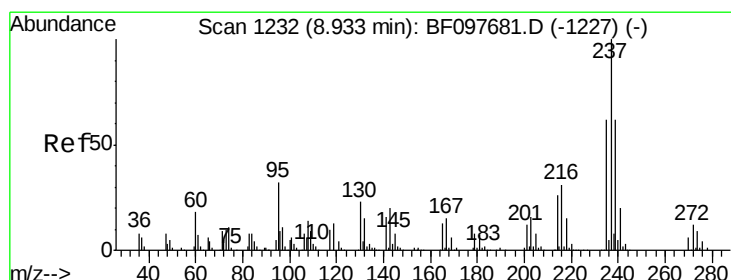
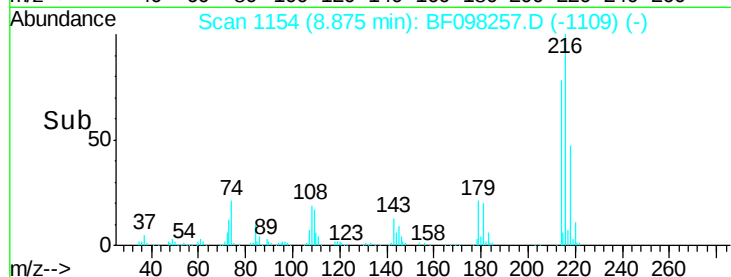
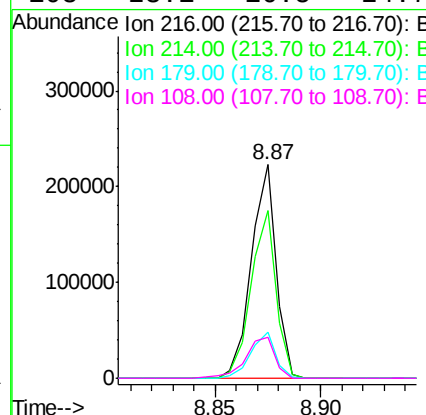
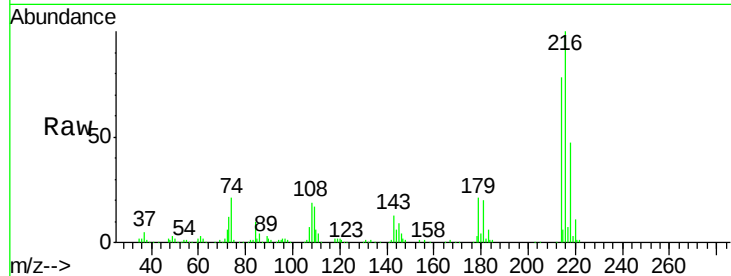
ClientSampleId :

CF-1MSD

Tgt Ion:	216	Resp:	181873
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.4	95.2
179	21.5	17.9	26.9
108	23.1	16.5	24.7

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 29.683 ng

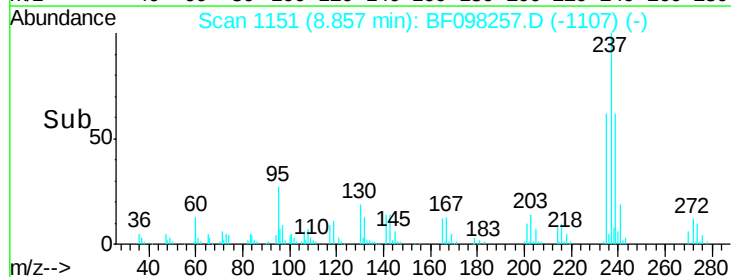
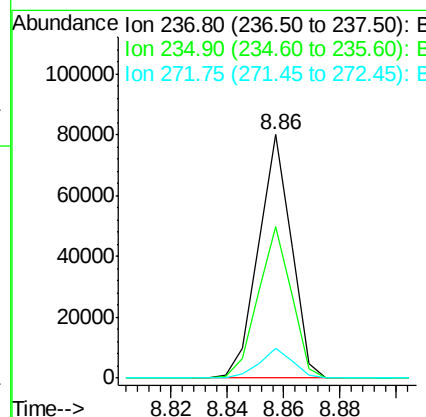
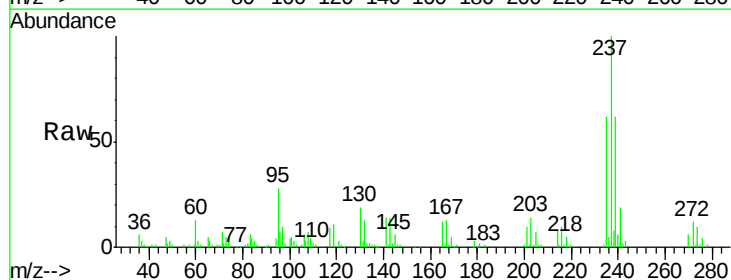
RT: 8.86 min Scan# 1151

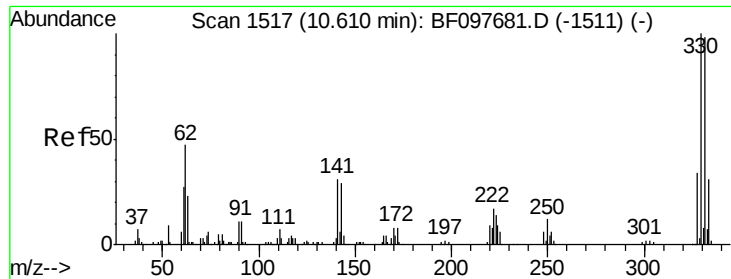
Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:	237	Resp:	64649
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.6	82.6
272	12.1	0.0	31.9





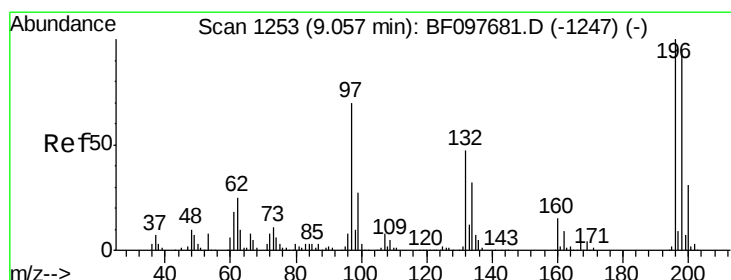
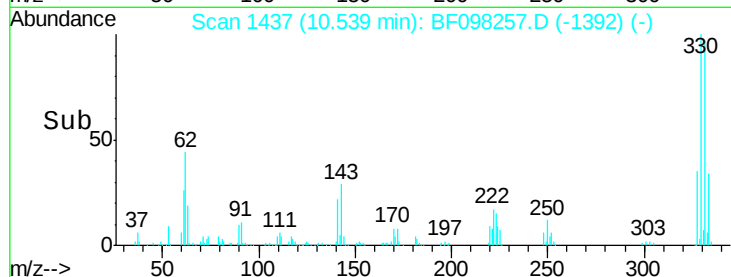
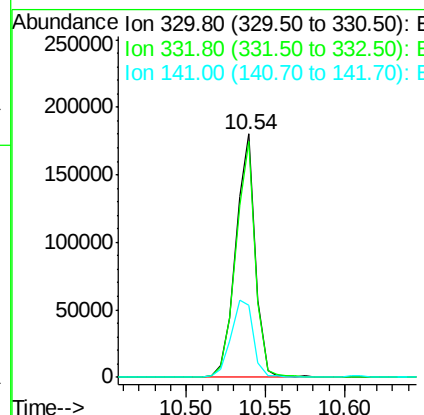
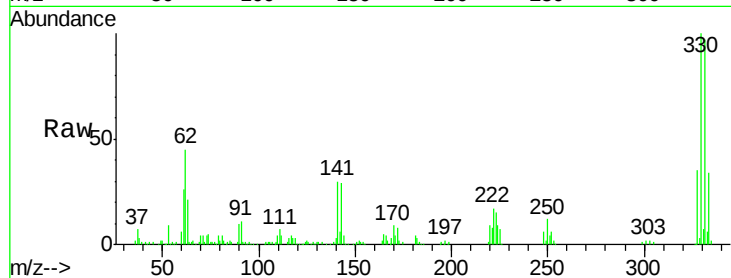
#41
 2,4,6-Tribromophenol
 Concen: 120.383 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampled :
 CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	154301		
332	96.6	76.6	115.0	
141	37.0	31.4	47.2	

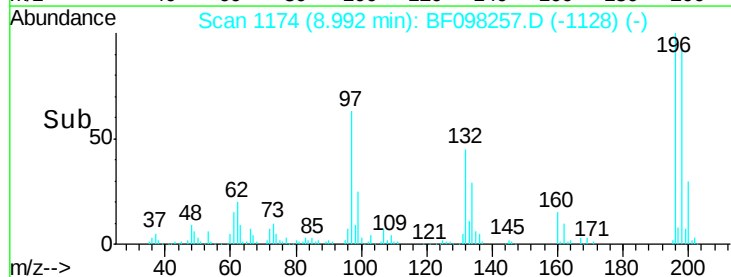
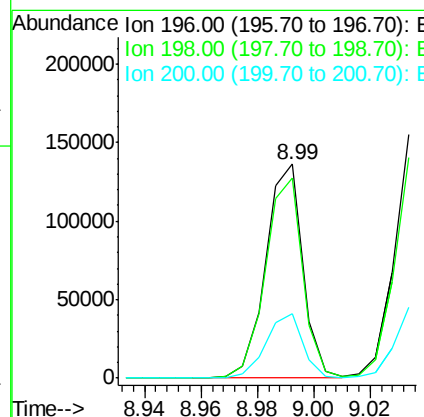
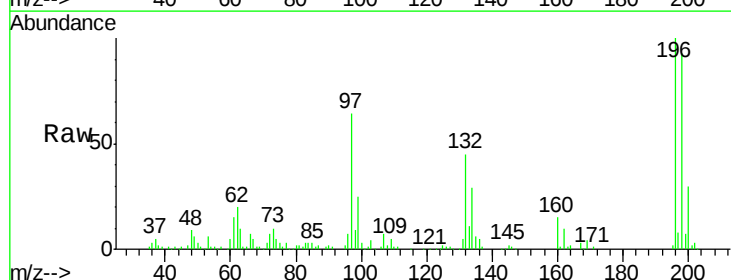
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 40.690 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	123851		
198	93.2	74.2	111.4	
200	29.9	24.0	36.0	





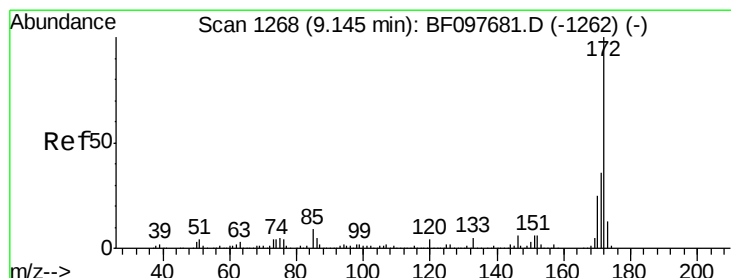
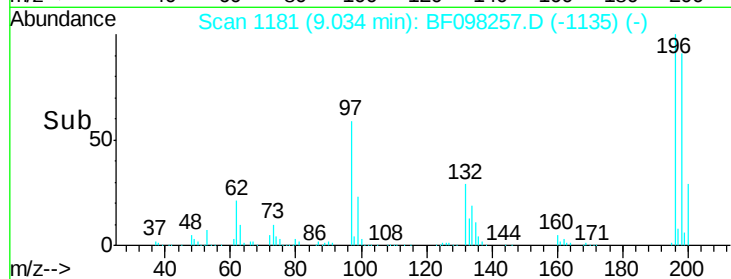
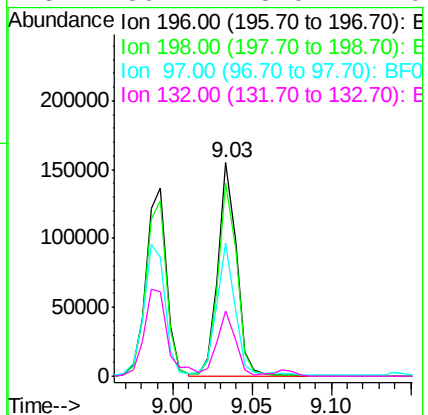
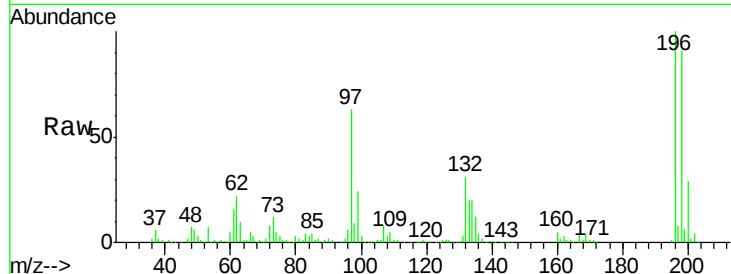
#43
 2,4,5-Trichlorophenol
 Concen: 42.426 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128109		
198	90.8	75.7	113.5	
97	62.6	47.7	71.5	
132	30.7	28.0	42.0	

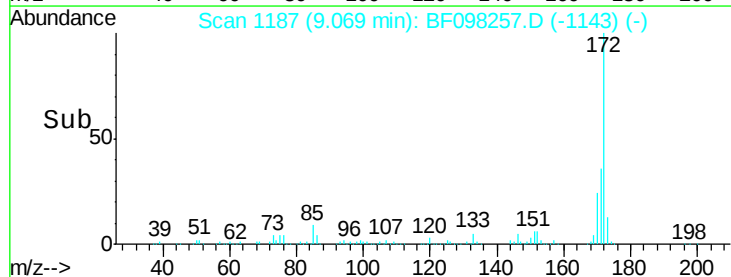
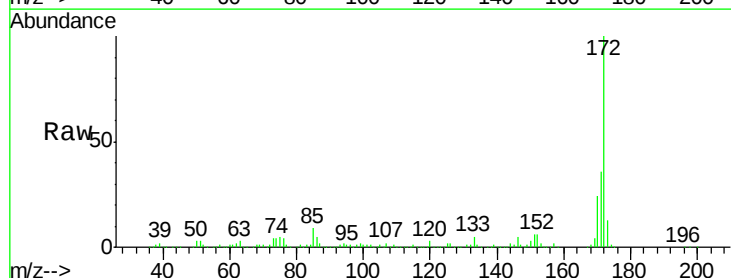
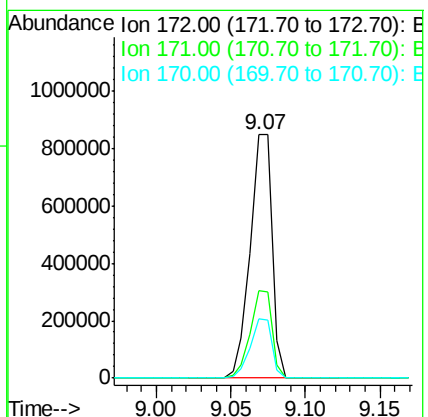
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#44
 2-Fluorobiphenyl
 Concen: 85.360 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	858273		
171	35.7	29.6	44.4	
170	24.1	19.8	29.8	





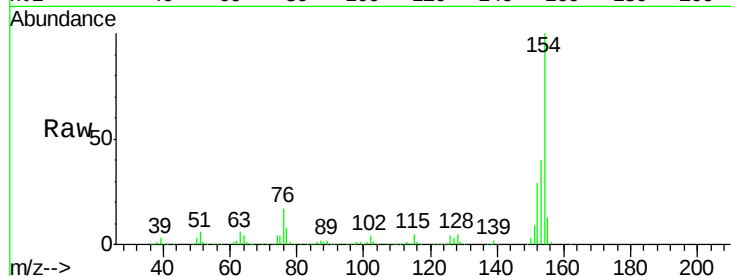
#45
 1,1'-Biphenyl
 Concen: 38.395 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

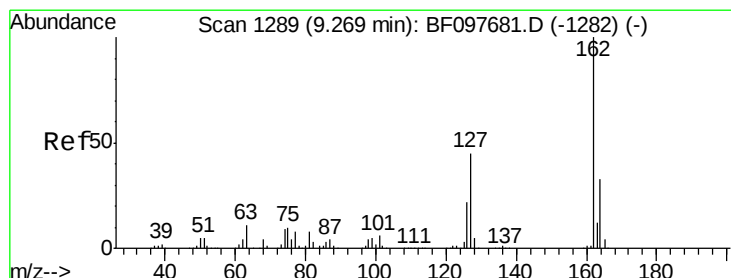
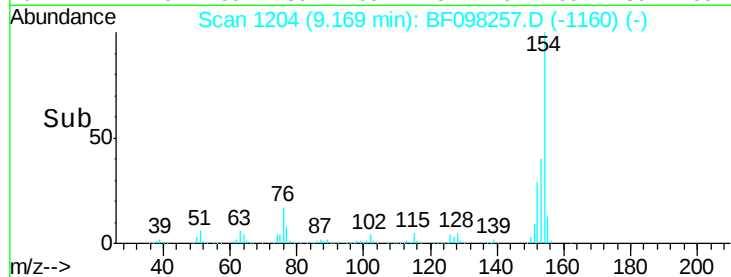
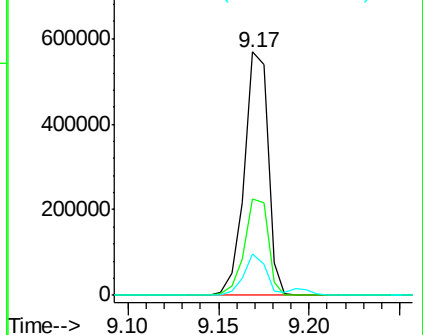
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	517217		
153	39.7	21.2	61.2	
76	17.0	0.0	29.9	

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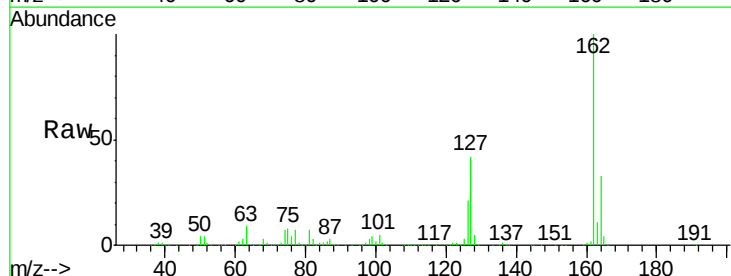


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

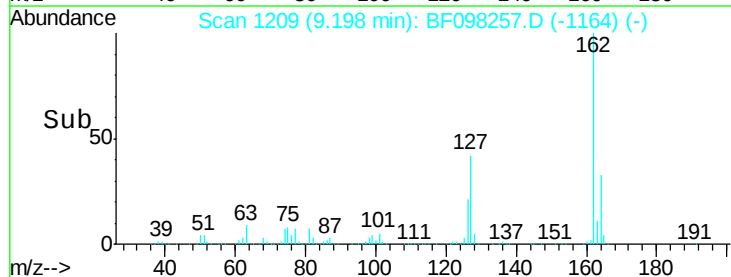
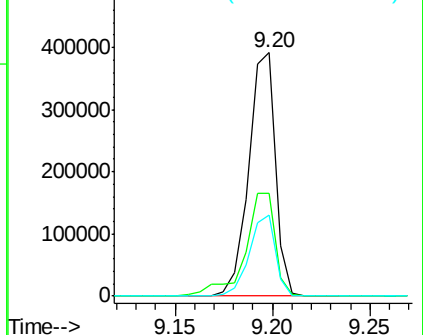


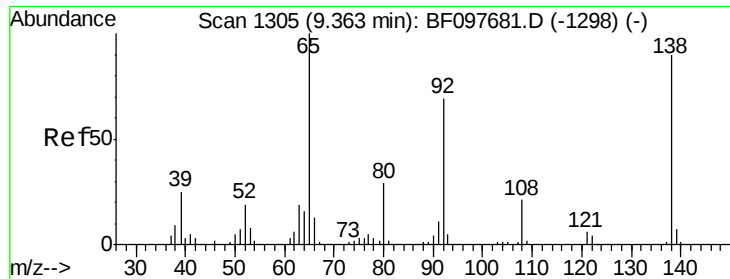
#46
 2-Chloronaphthalene
 Concen: 37.340 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	371662		
127	42.1	28.3	42.5	
164	33.1	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





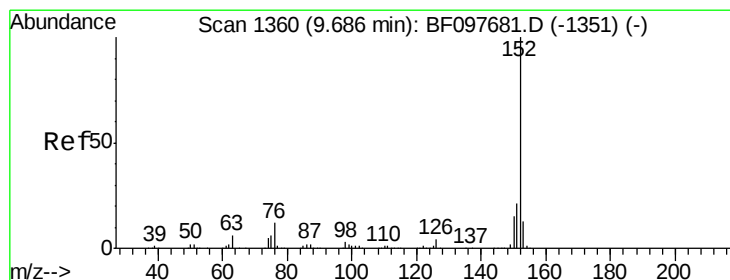
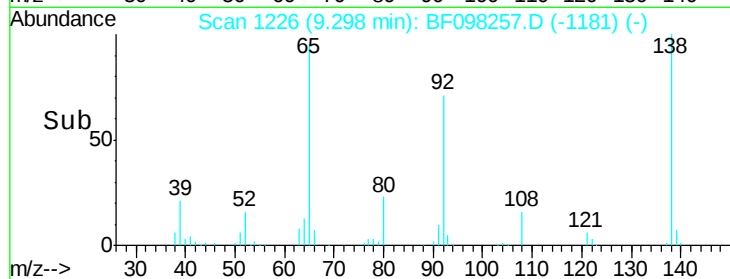
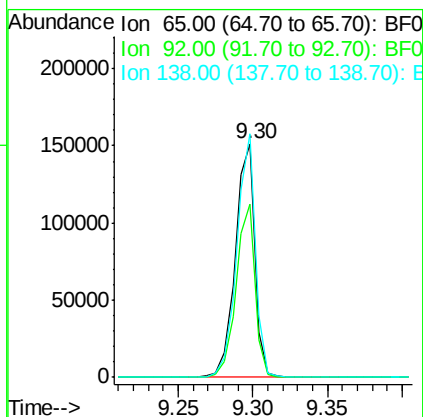
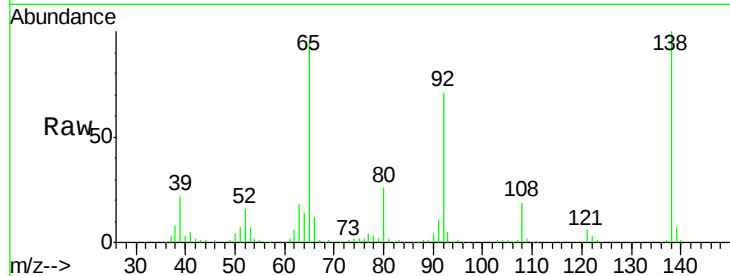
#47
2-Nitroaniline
Concen: 42.069 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	53.9	80.9
138	104.1	78.8	118.2

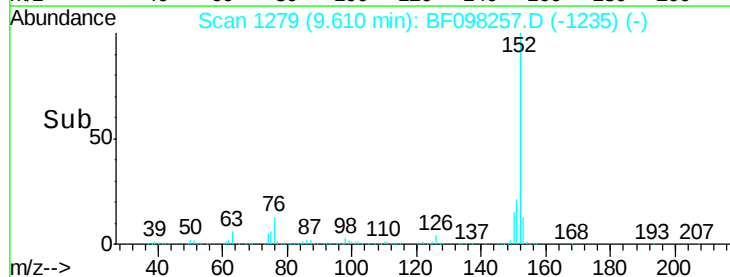
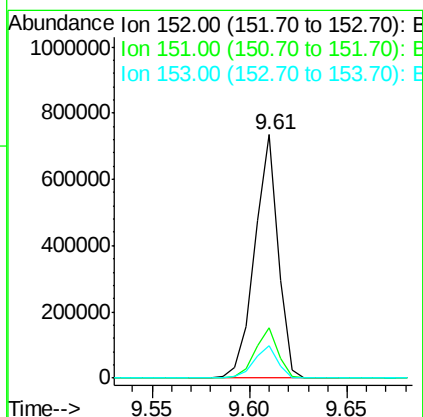
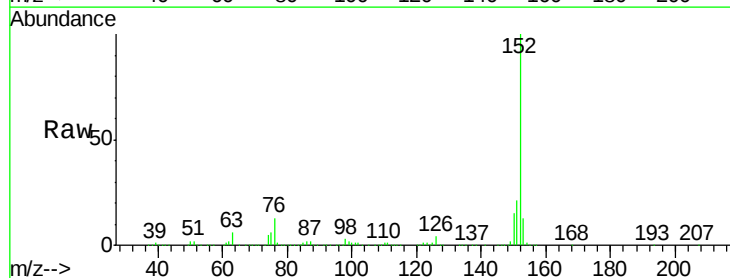
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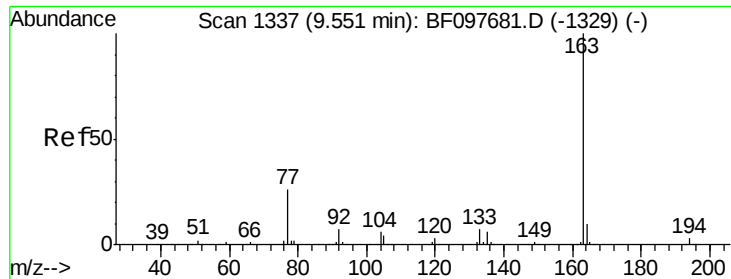
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#48
Acenaphthylene
Concen: 38.899 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.2	10.8	16.2





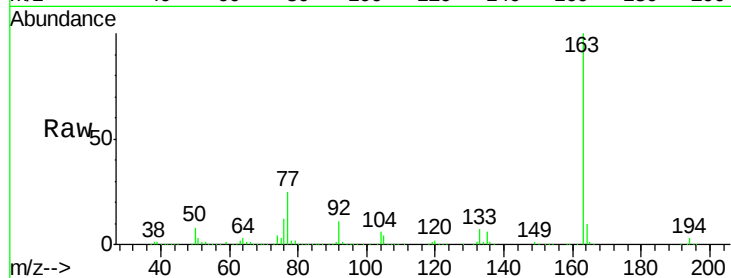
#49
Dimethylphthalate
Concen: 50.184 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

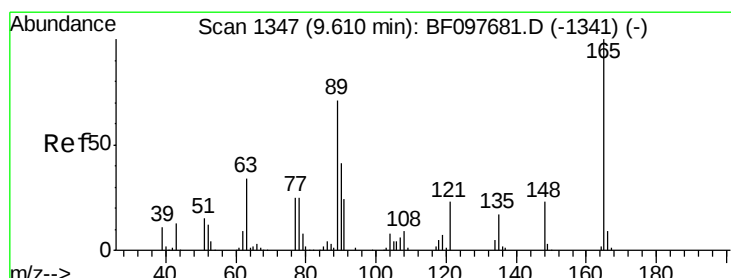
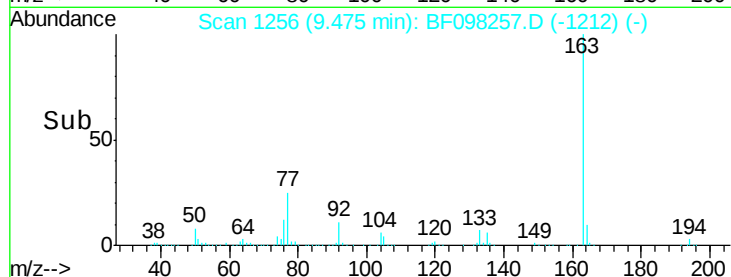
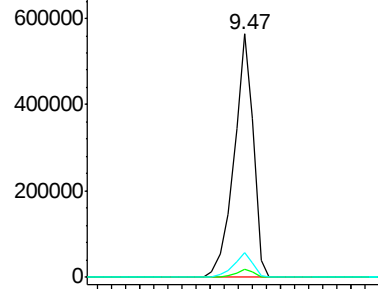
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	541901		
194	3.5	2.6	4.0	
164	10.2	8.4	12.6	

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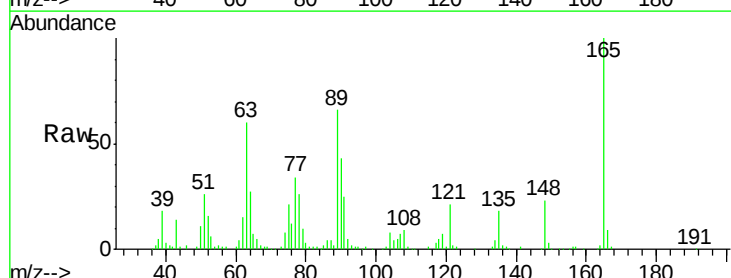


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

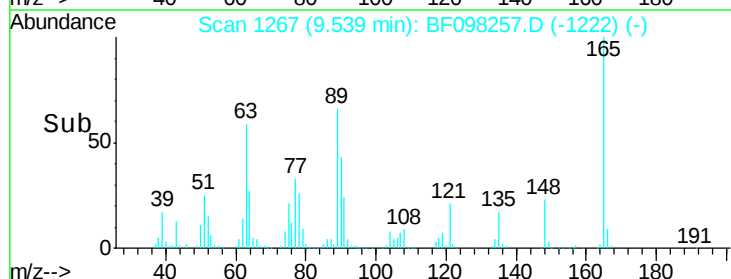
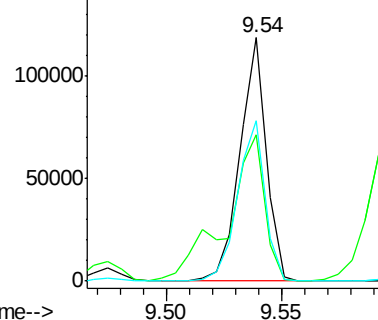


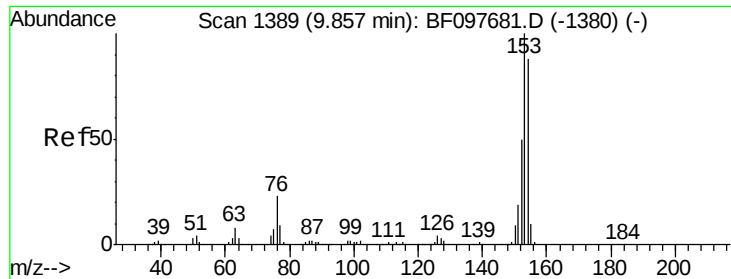
#50
2,6-Dinitrotoluene
Concen: 43.671 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94130		
63	60.0	34.3	51.5#	
89	65.7	37.1	55.7#	



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





#51

Acenaphthene

Concen: 35.517 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

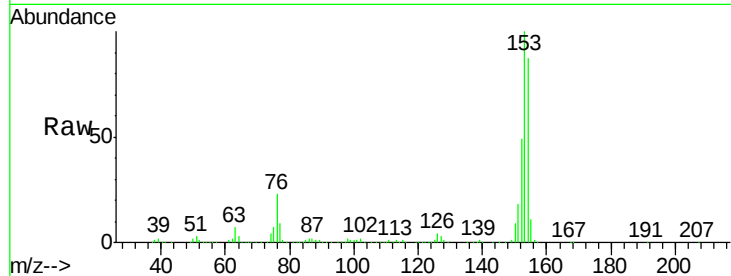
ClientSampleId :

CF-1MSD

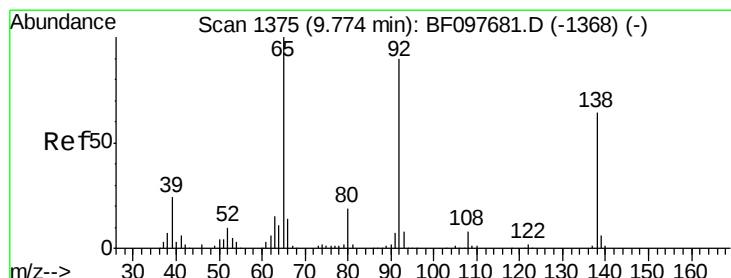
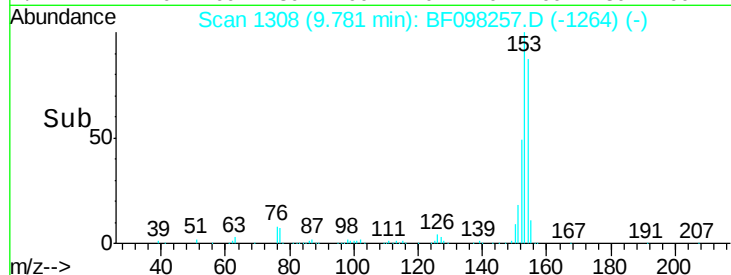
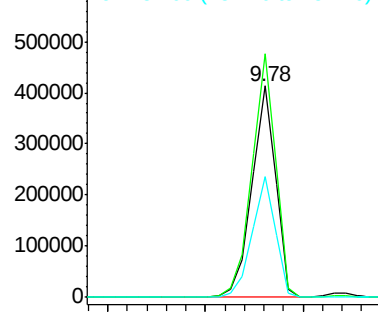
Tgt Ion:	154	Resp:	350123
Ion Ratio	Lower	Upper	
154	100		
153	115.2	90.5	135.7
152	57.0	43.6	65.4

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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: 31.805 ng

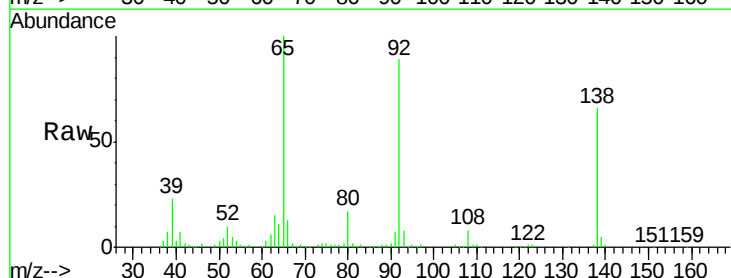
RT: 9.70 min Scan# 1295

Delta R.T. -0.04 min

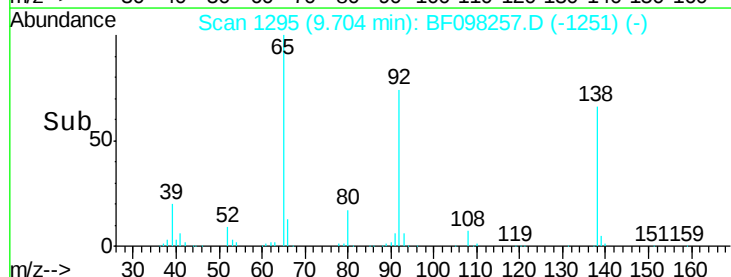
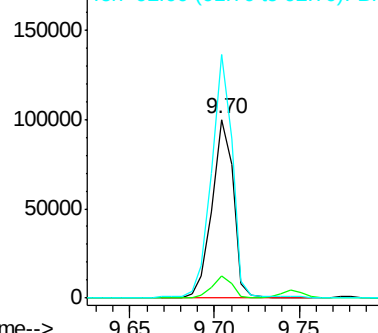
Lab File: BF098257.D

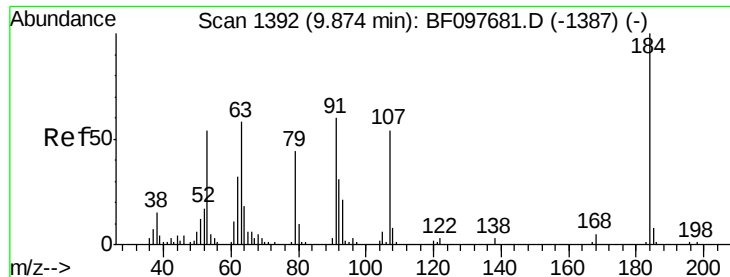
Acq: 2 Sep 2017 20:32

Tgt Ion:	138	Resp:	88447
Ion Ratio	Lower	Upper	
138	100		
108	12.5	9.1	13.7
92	136.0	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





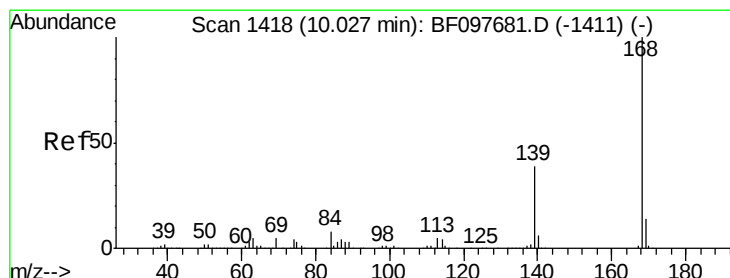
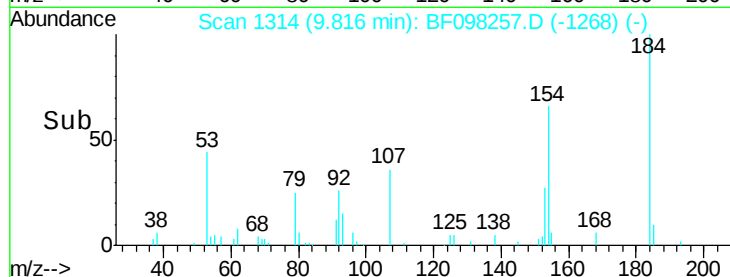
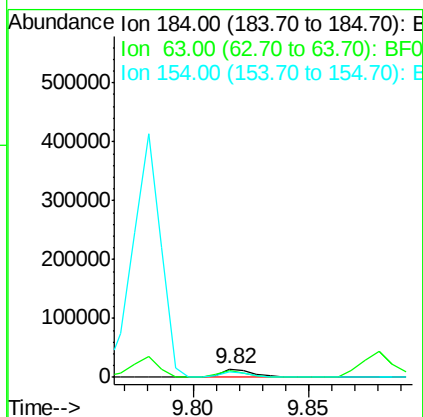
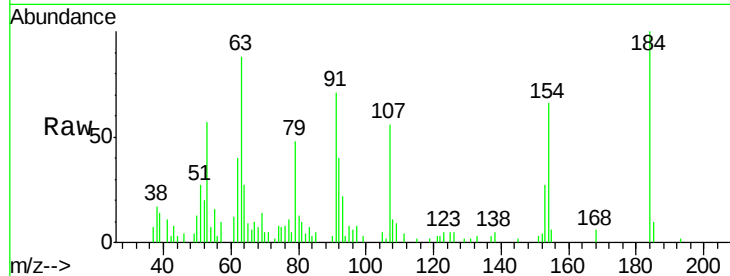
#53
2,4-Dinitrophenol
Concen: 22.838 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampled :
CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	14907		
63	88.3	62.7	94.1	
154	66.0	81.1	121.7	

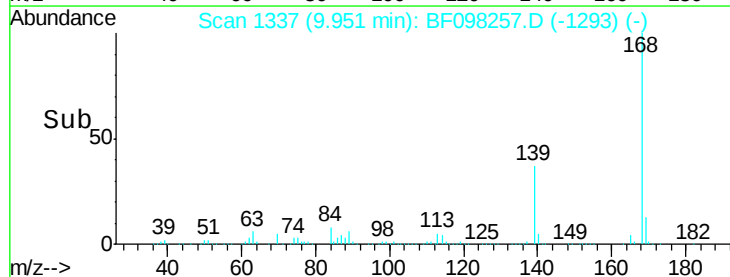
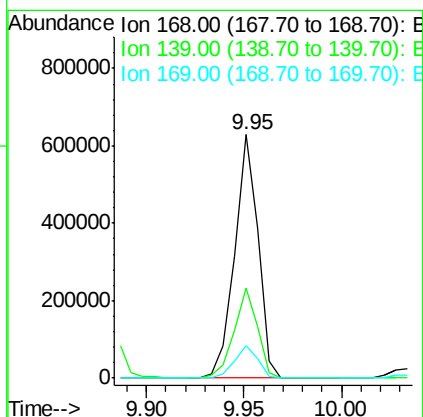
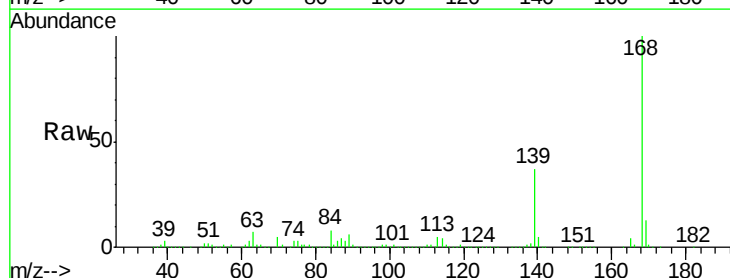
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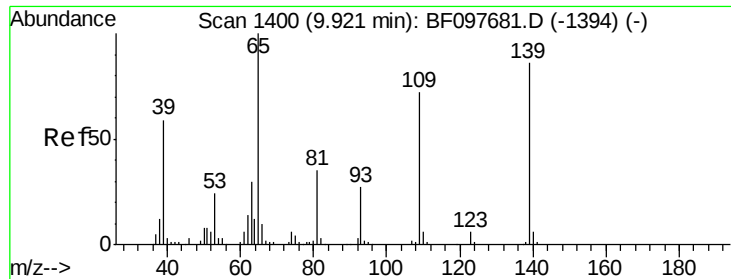
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#54
Dibenzofuran
Concen: 39.457 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	521295		
139	37.2	30.6	45.8	
169	13.2	10.8	16.2	





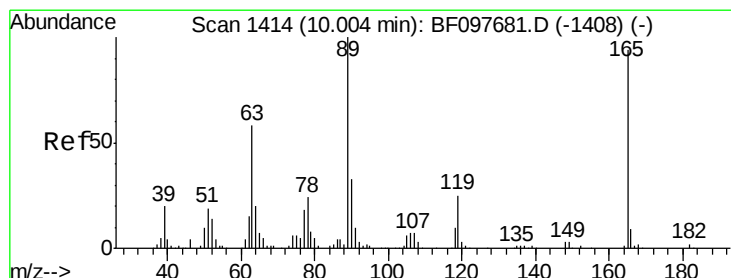
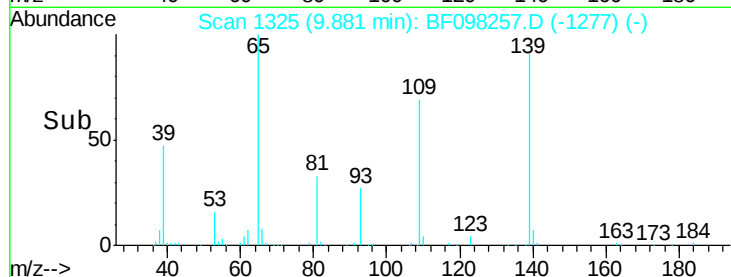
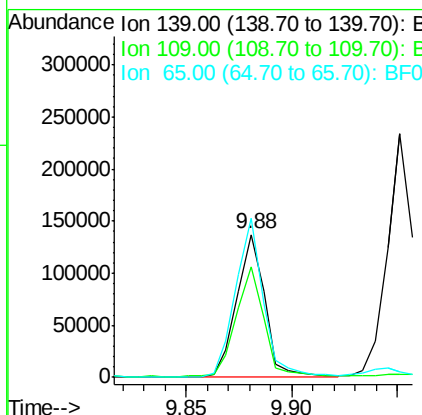
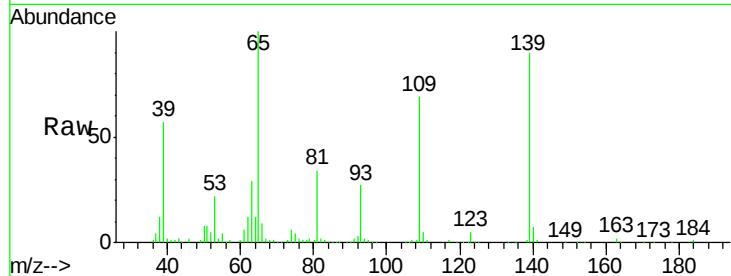
#55
4-Nitrophenol
Concen: 57.426 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	127393		
109	76.9	34.1	74.1#	
65	111.6	31.4	71.4#	

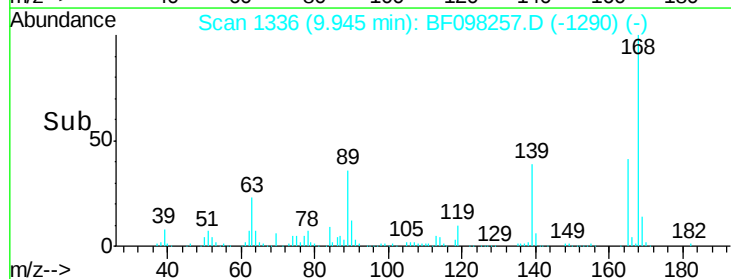
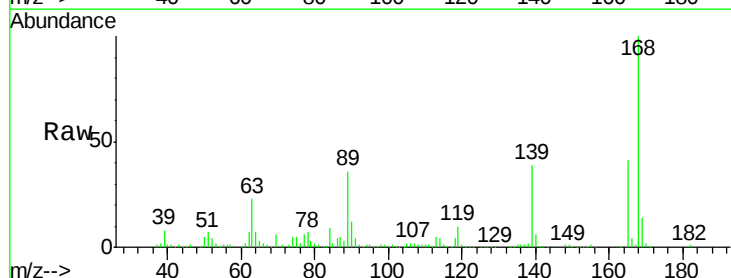
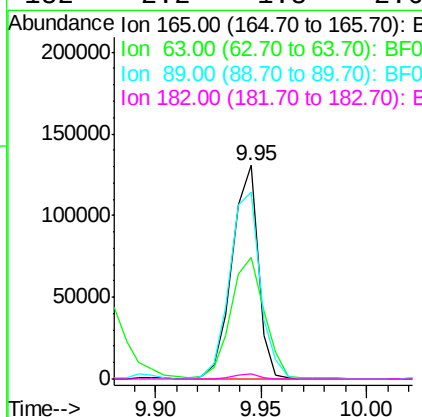
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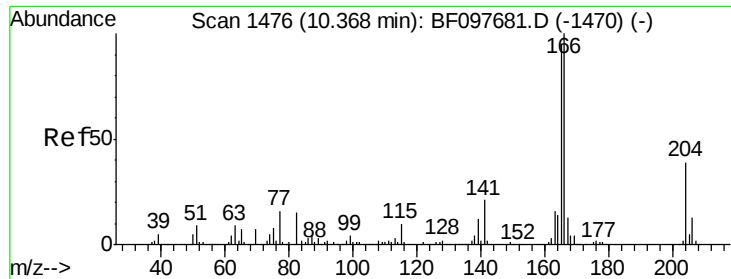
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#56
2,4-Dinitrotoluene
Concen: 41.147 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	111301		
63	56.9	25.4	38.0#	
89	87.6	46.4	69.6#	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 38.320 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

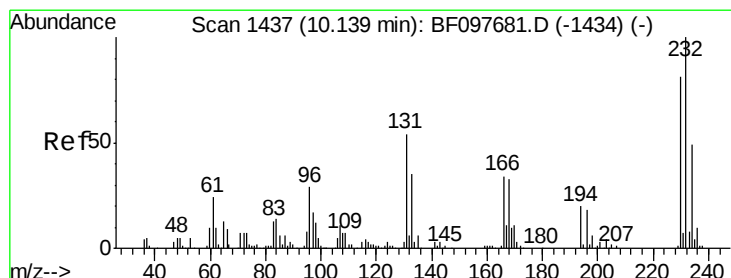
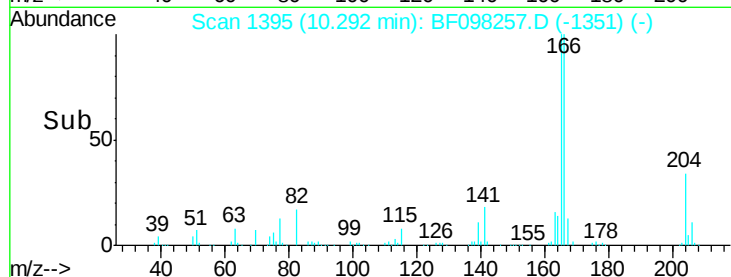
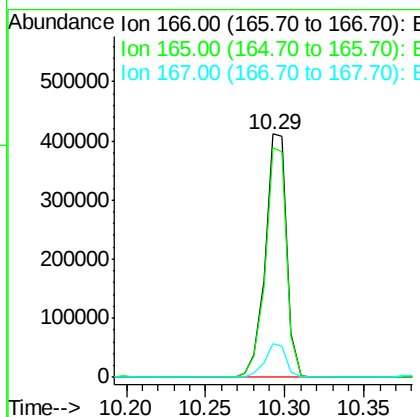
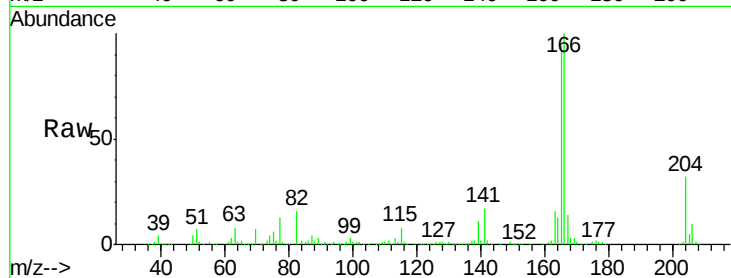
ClientSampleId :

CF-1MSD

Tgt Ion:	166	Resp:	391423
Ion Ratio	Lower	Upper	
166	100		
165	94.2	78.8	118.2
167	14.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.696 ng

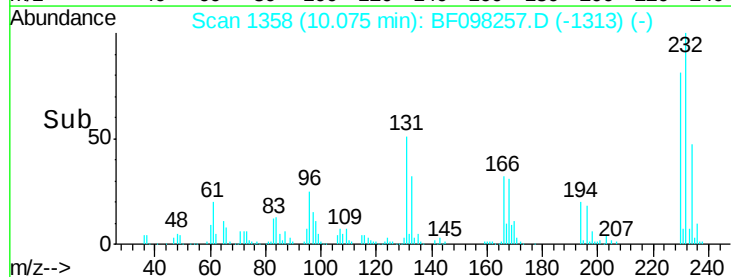
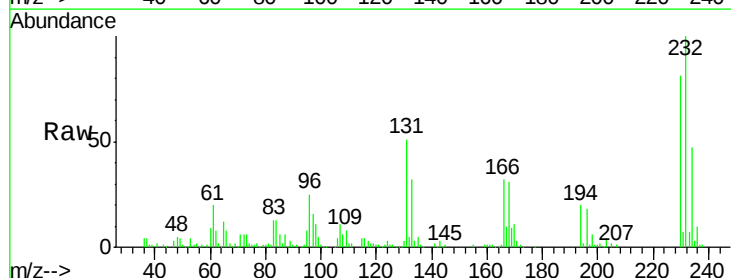
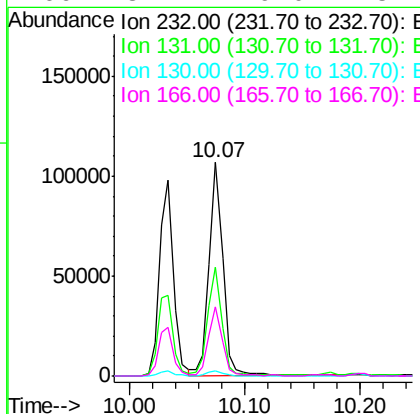
RT: 10.07 min Scan# 1358

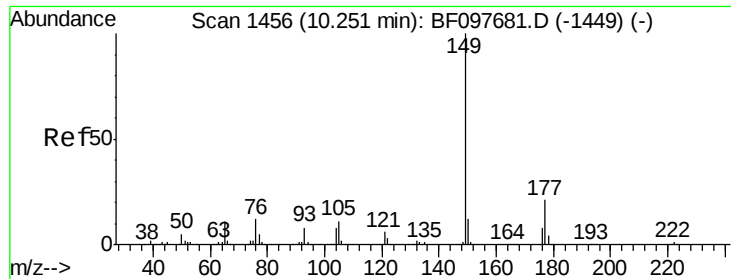
Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:	232	Resp:	90466
Ion Ratio	Lower	Upper	
232	100		
131	51.0	44.8	67.2
130	2.7	2.3	3.5
166	32.2	29.0	43.4





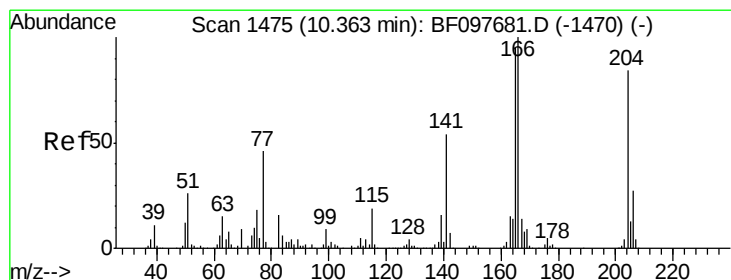
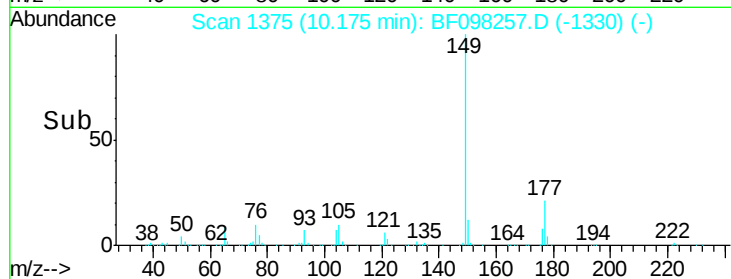
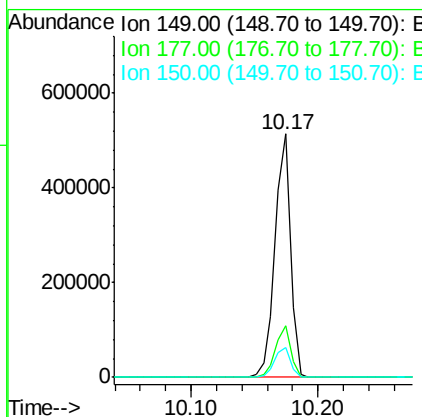
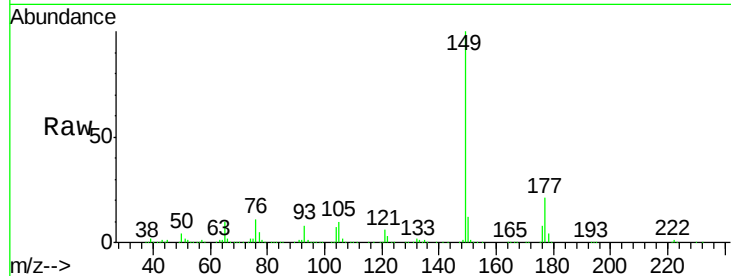
#59
Diethylphthalate
Concen: 38.654 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	436486		
177	21.1	16.7	25.1	
150	12.4	10.2	15.2	

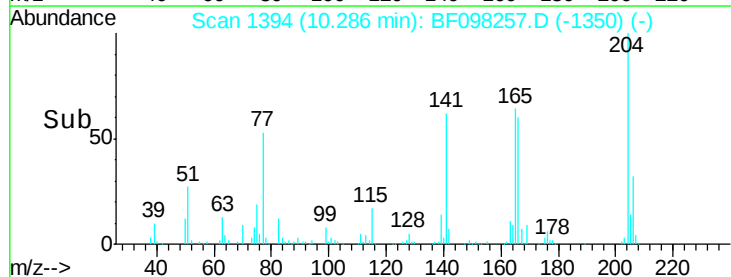
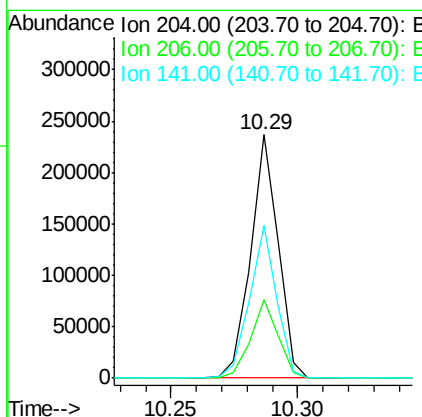
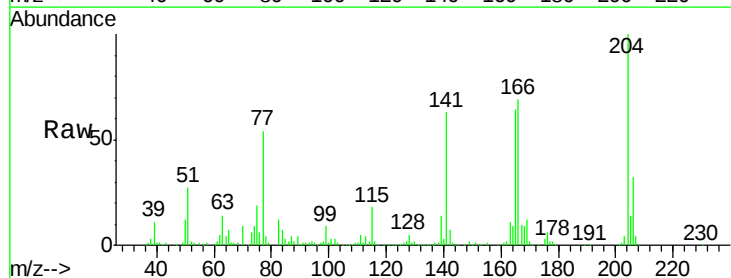
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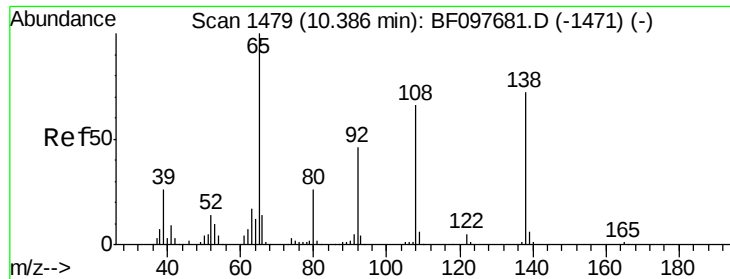
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 37.638 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	178610		
206	32.4	26.2	39.2	
141	62.6	60.8	91.2	





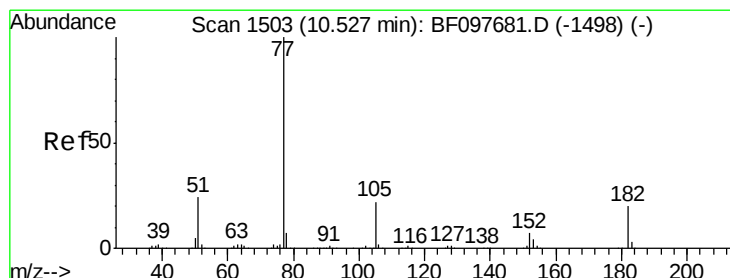
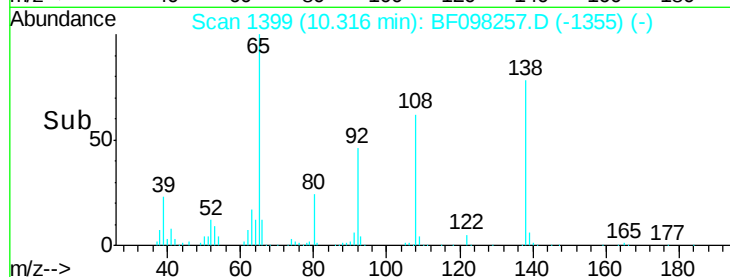
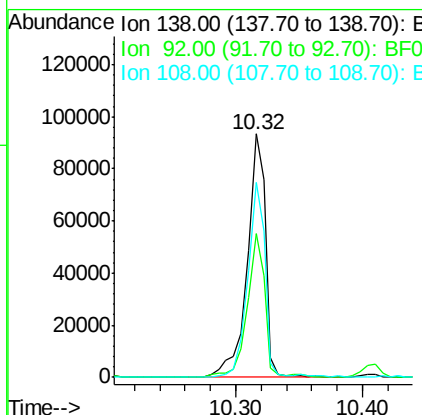
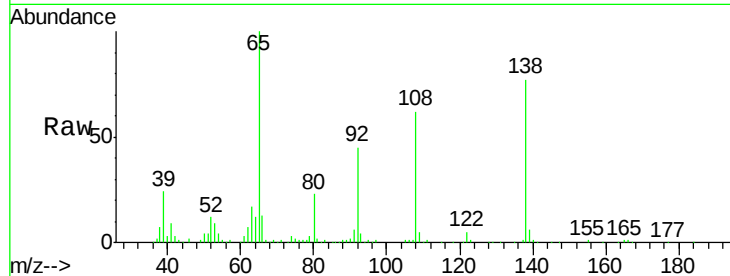
#61
4-Nitroaniline
Concen: 35.497 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.8	21.8	61.8
108	80.2	42.3	82.3

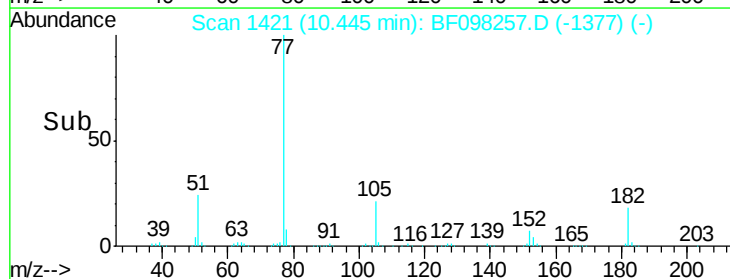
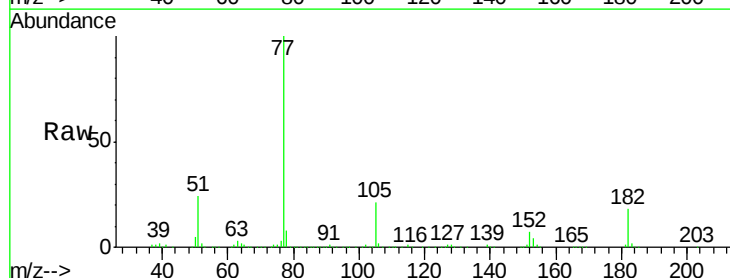
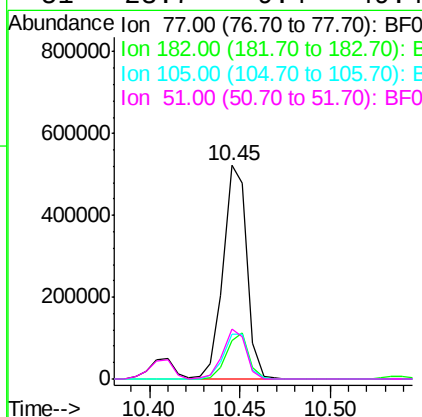
Manual Integrations
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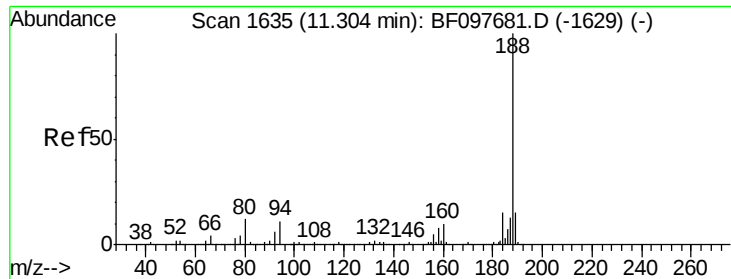
mohammad
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#62
Azobenzene
Concen: 35.194 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.9	0.1	40.1
105	21.0	3.6	43.6
51	23.7	9.4	49.4





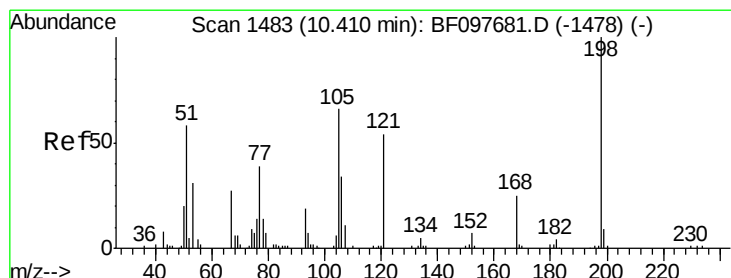
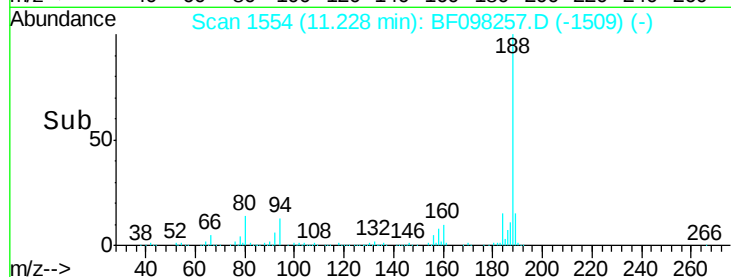
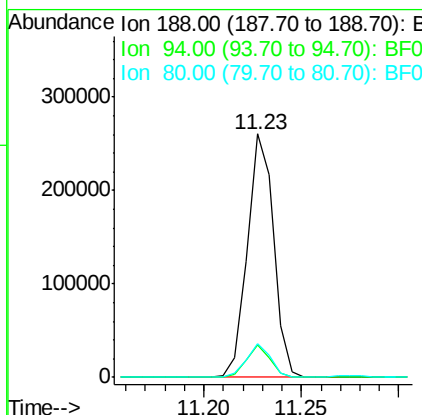
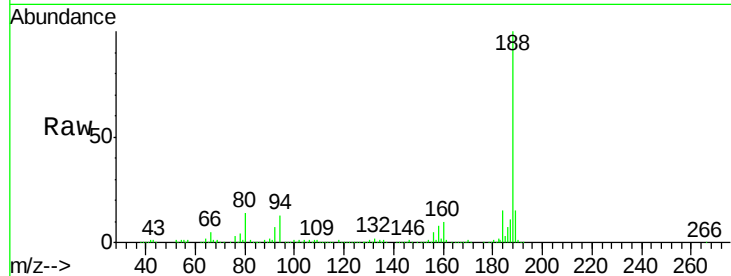
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	242776		
94	13.4		9.4	14.2
80	13.8		10.2	15.2

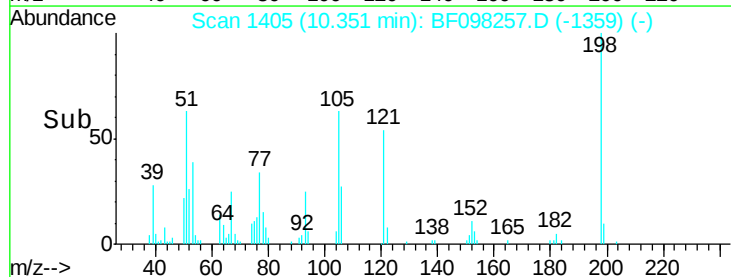
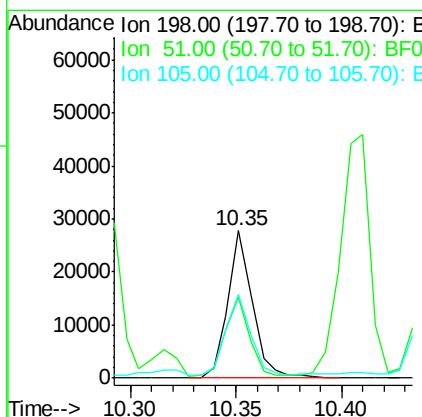
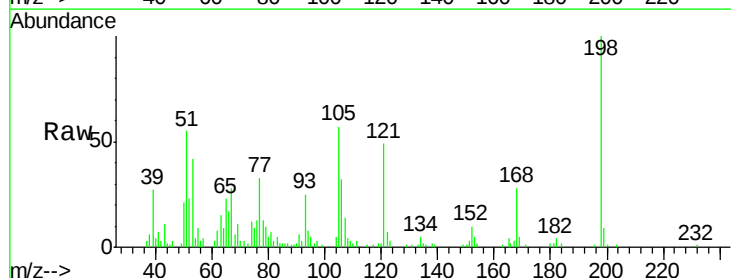
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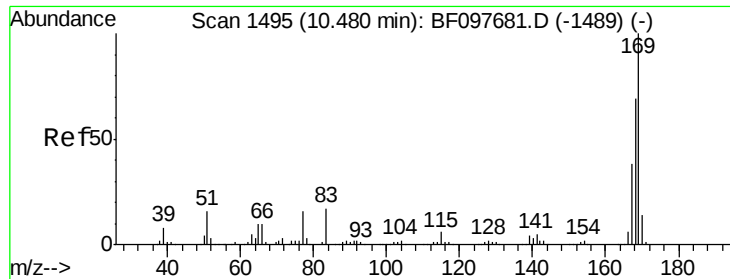
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.620 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	22557		
51	55.2		53.2	93.2
105	56.6		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 40.536 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

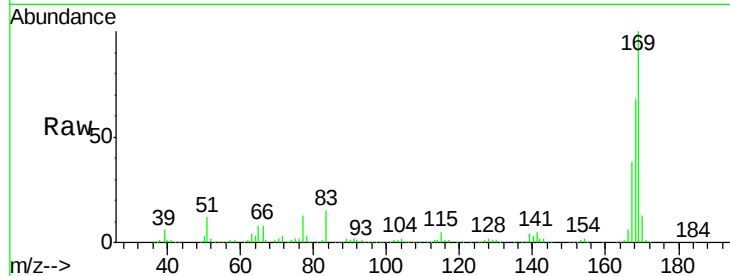
ClientSampleId :

CF-1MSD

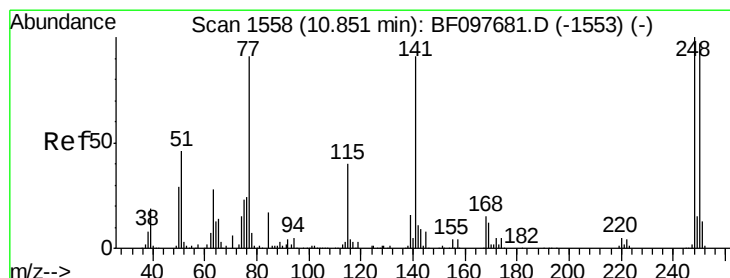
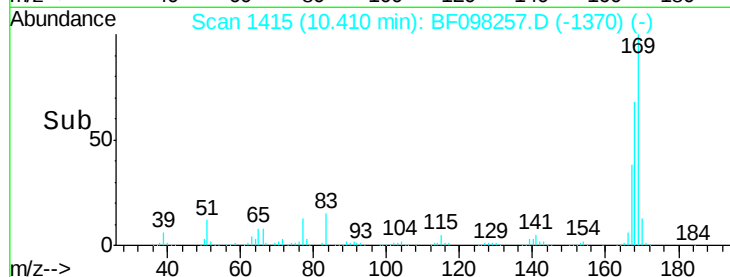
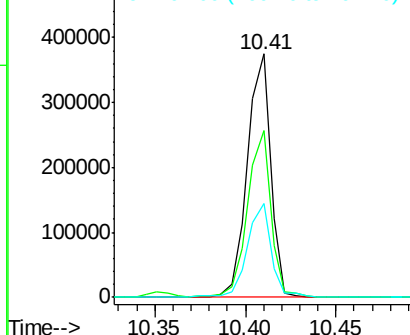
Tgt Ion:	169	Resp:	335118
Ion Ratio	Lower	Upper	
169	100		
168	68.3	53.2	79.8
167	38.4	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 39.716 ng

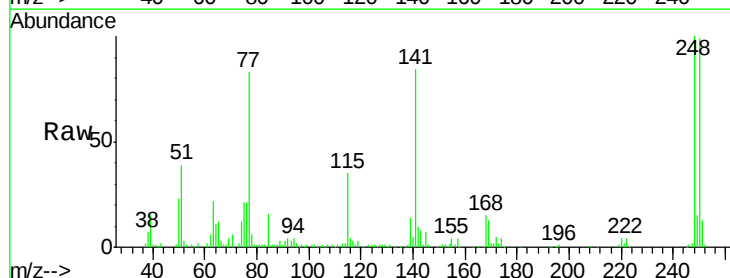
RT: 10.77 min Scan# 1477

Delta R.T. -0.04 min

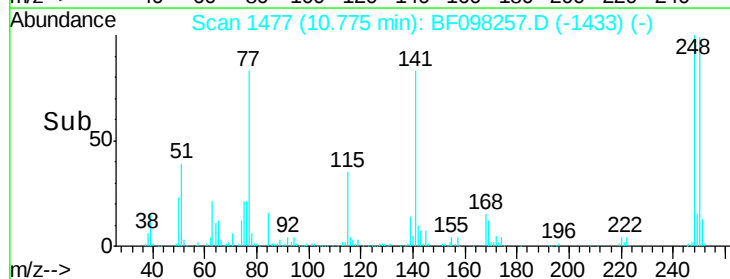
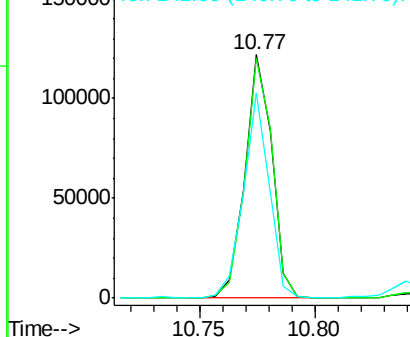
Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:	248	Resp:	100126
Ion Ratio	Lower	Upper	
248	100		
250	98.7	76.8	115.2
141	84.1	68.6	103.0



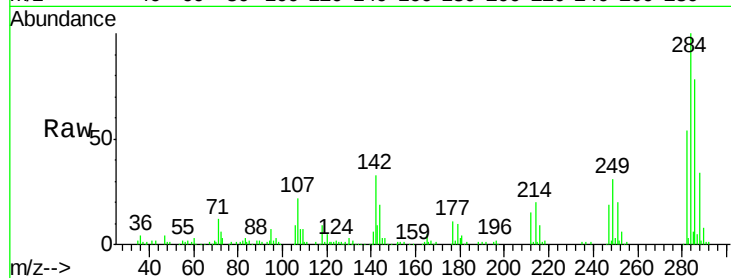
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67
Hexachlorobenzene
Concen: 37.478 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

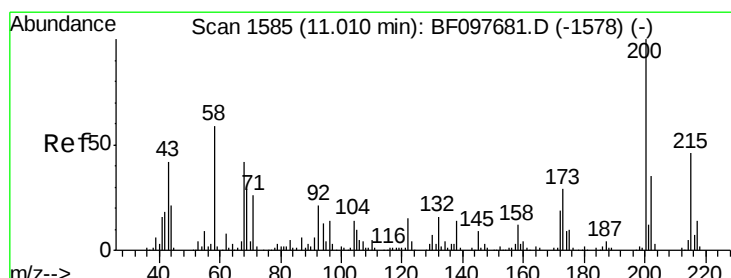
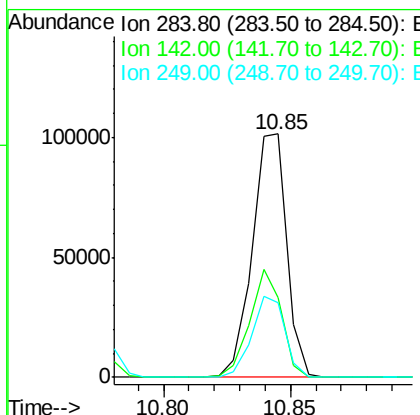
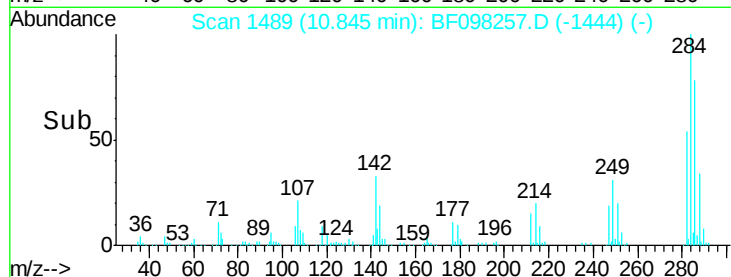
Instrument :
BNA_F
ClientSampleId :
CF-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	96304		
142	32.7	22.8	34.2	
249	30.7	24.0	36.0	

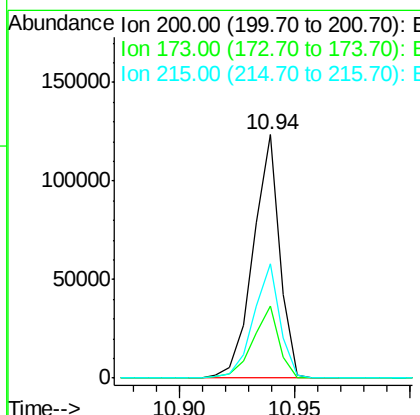
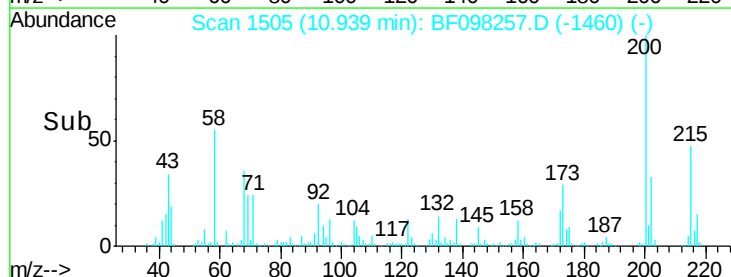
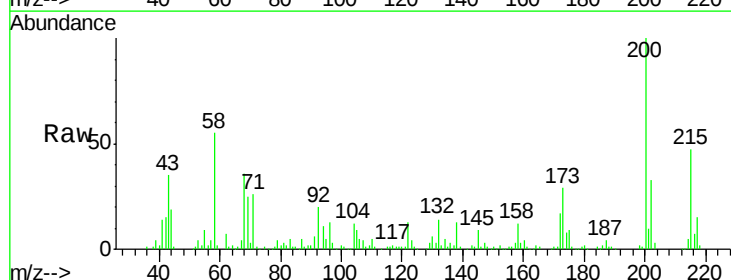
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#68
Atrazine
Concen: 45.061 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	98794		
173	29.4	6.3	46.3	
215	47.0	27.2	67.2	





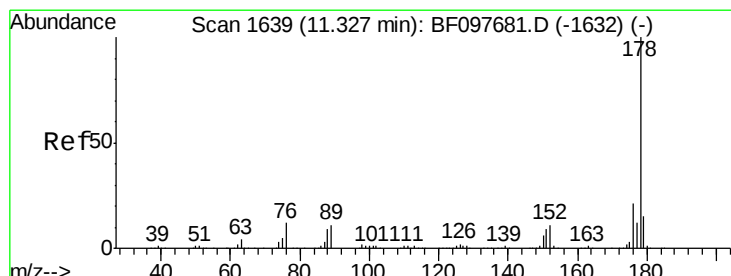
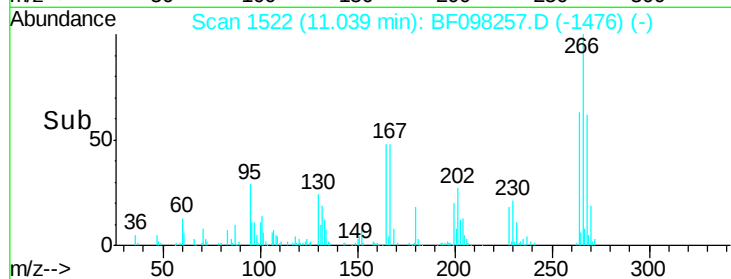
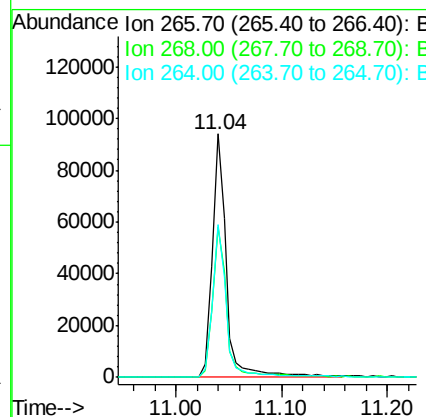
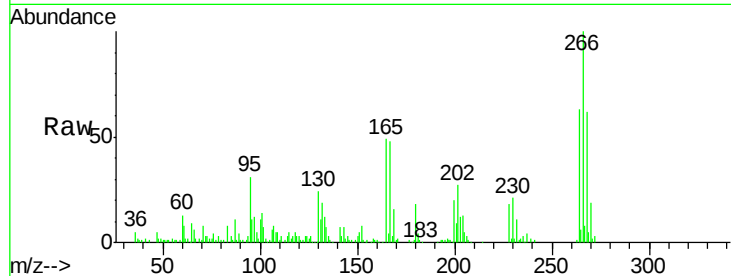
#69
 Pentachlorophenol
 Concen: 58.535 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	62.5	51.7	77.5

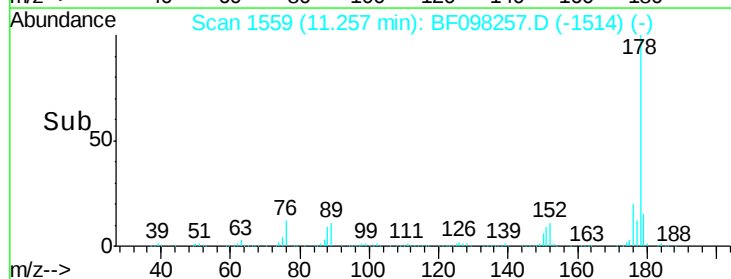
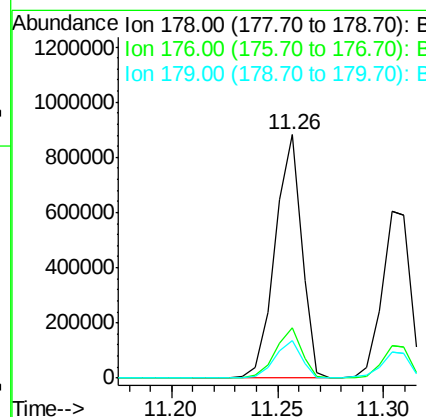
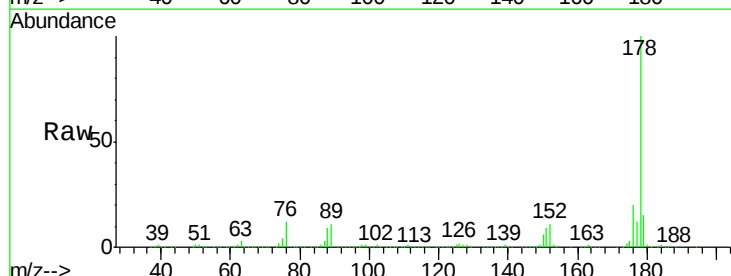
Manual Integrations
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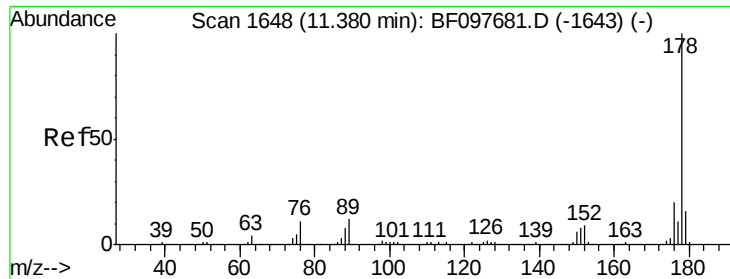
mohammad
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#70
 Phenanthrene
 Concen: 59.962 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.3	12.6	19.0





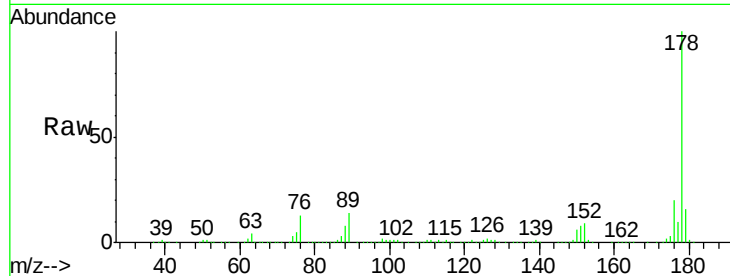
#71
 Anthracene
 Concen: 43.200 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

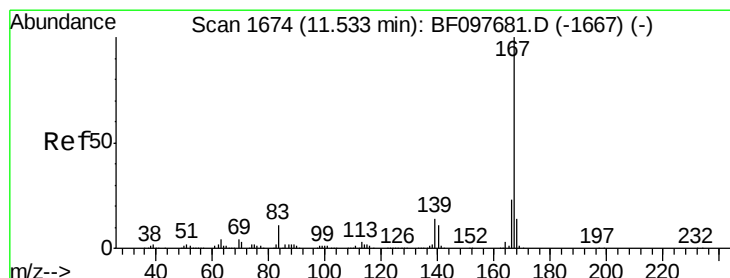
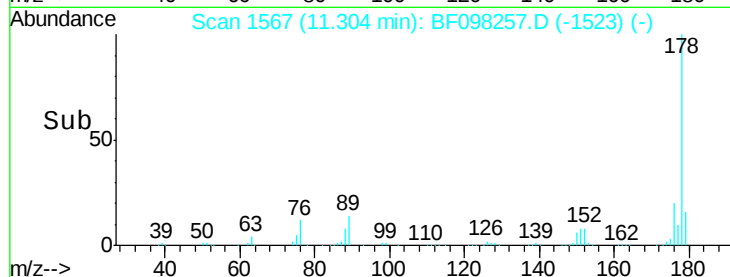
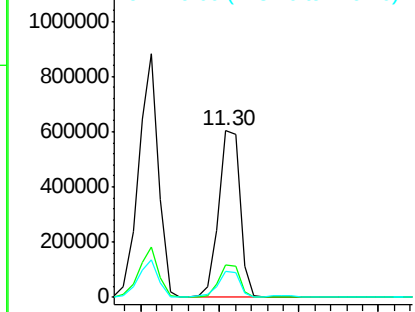
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	12.7	19.1

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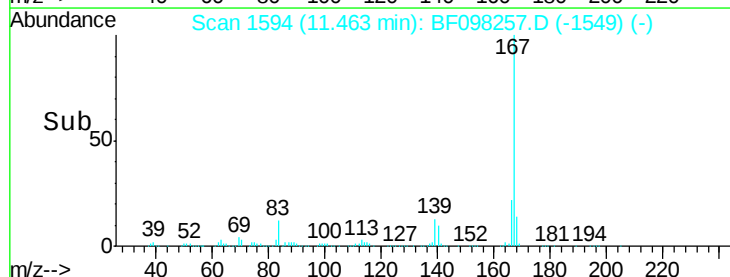
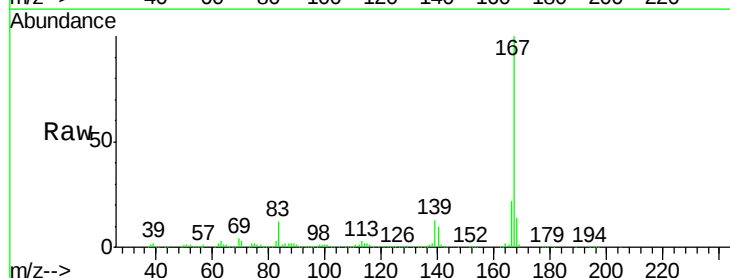
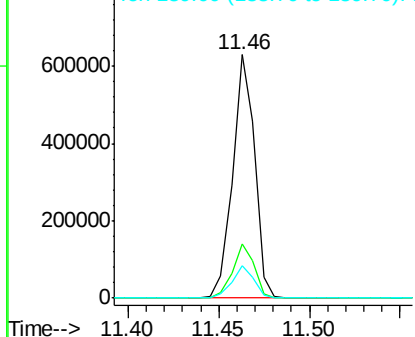
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

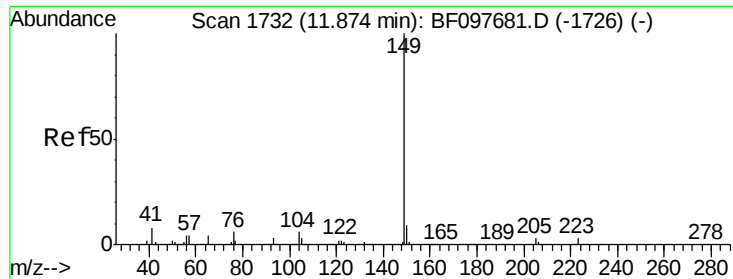


#72
 Carbazole
 Concen: 42.651 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.5	11.7	17.5

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





#73

Di-n-butylphthalate

Concen: 41.825 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

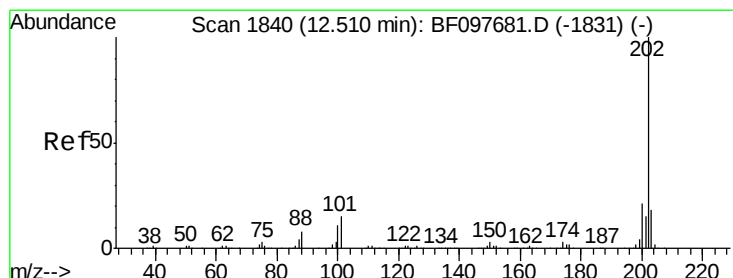
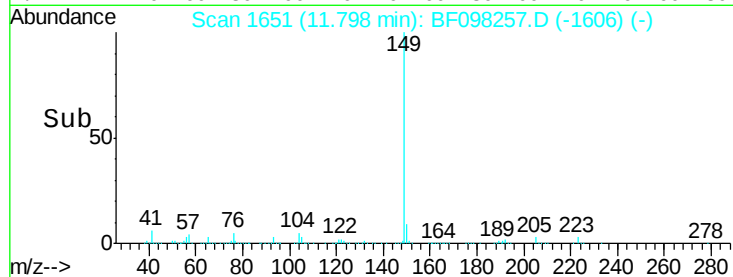
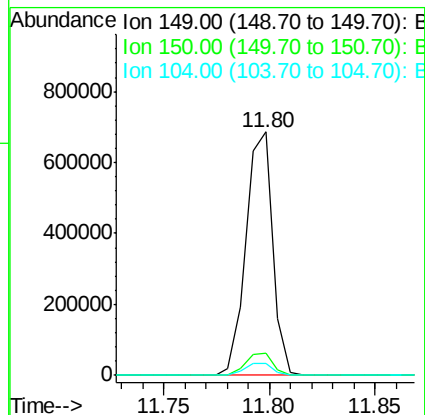
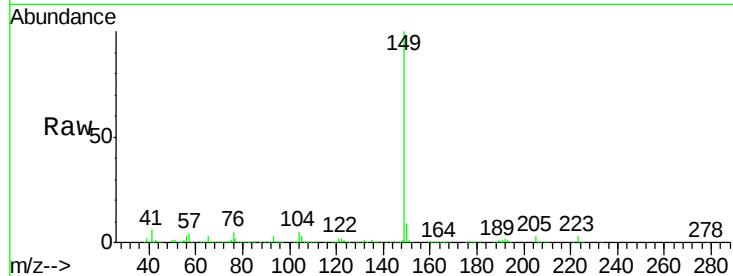
ClientSampleId :

CF-1MSD

Tgt Ion:	149	Resp:	600034
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.7	4.0	6.0

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#74

Fluoranthene

Concen: 67.926 ng

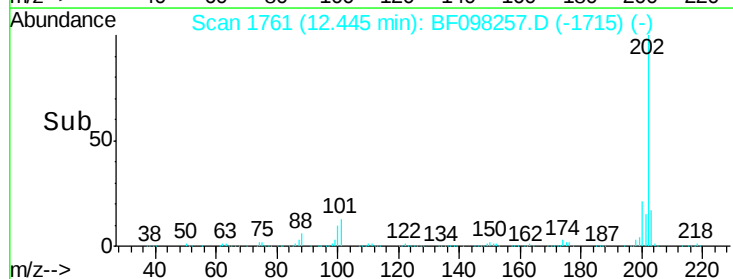
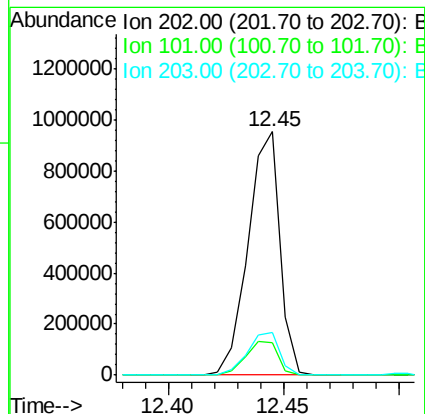
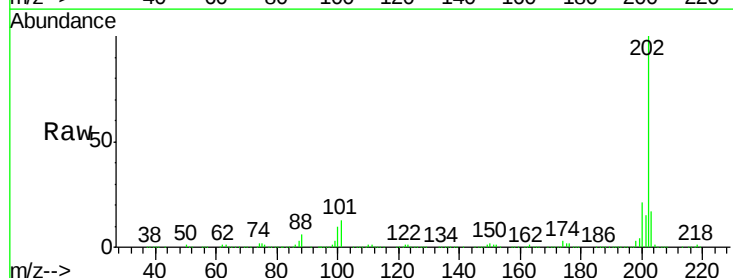
RT: 12.45 min Scan# 1761

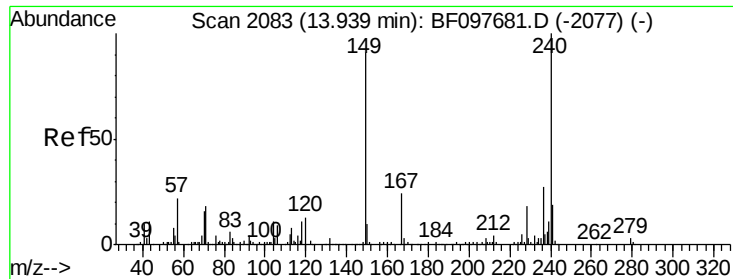
Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:	202	Resp:	917205
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

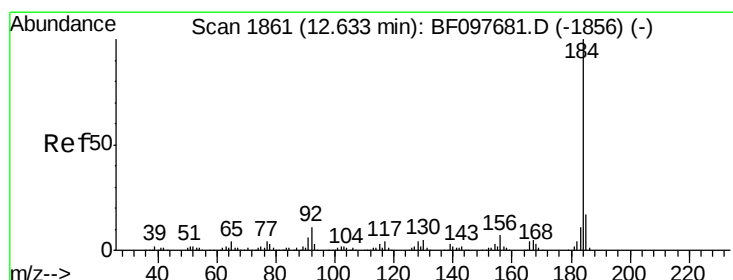
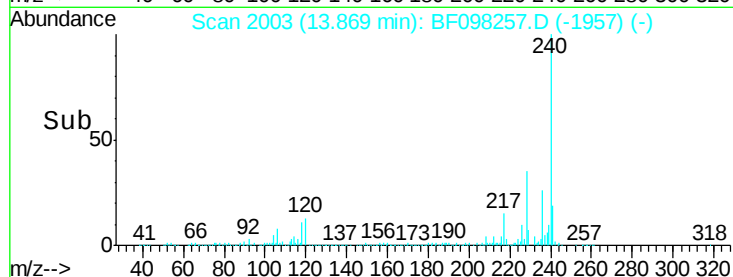
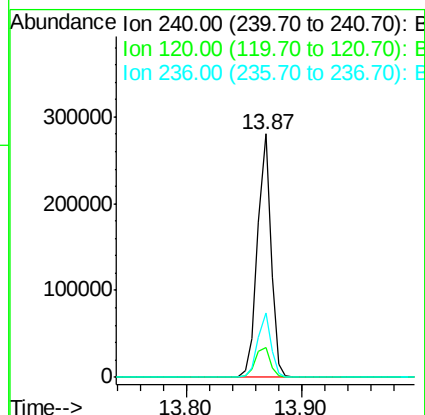
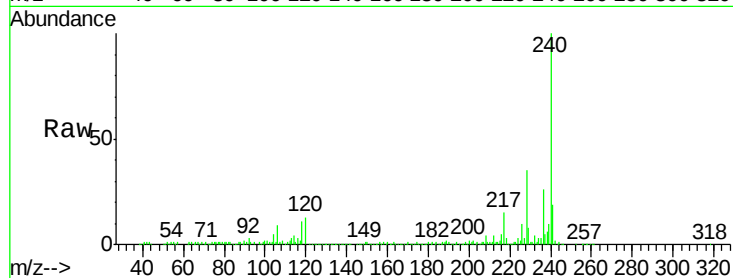
ClientSampleId :

CF-1MSD

Tgt Ion:240 Resp: 230054
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.8 8.8#
 236 26.4 20.5 30.7

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#76

Benzidine

Concen: 41.961 ng

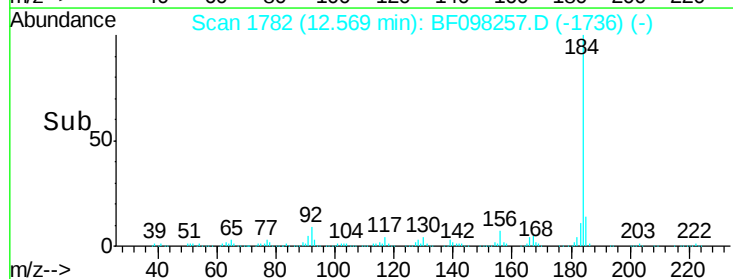
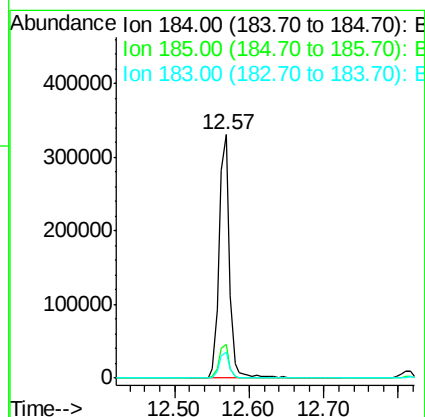
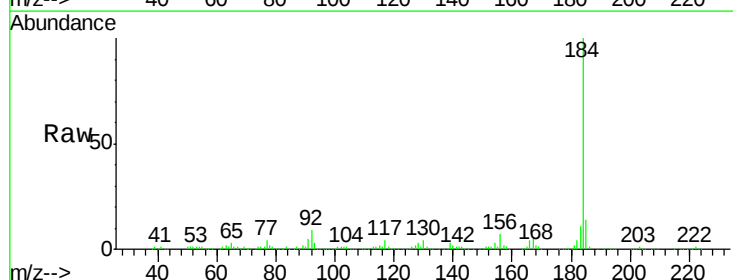
RT: 12.57 min Scan# 1782

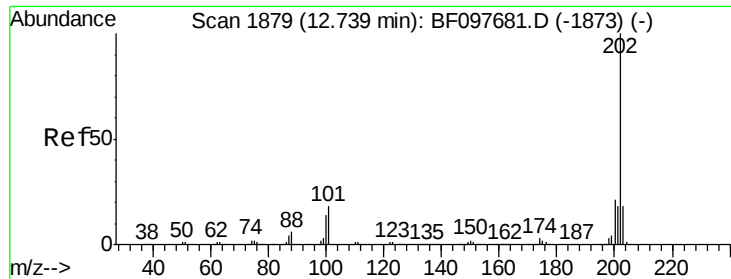
Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:184 Resp: 316507
 Ion Ratio Lower Upper
 184 100
 185 14.0 15.5 23.3#
 183 10.8 9.8 14.6





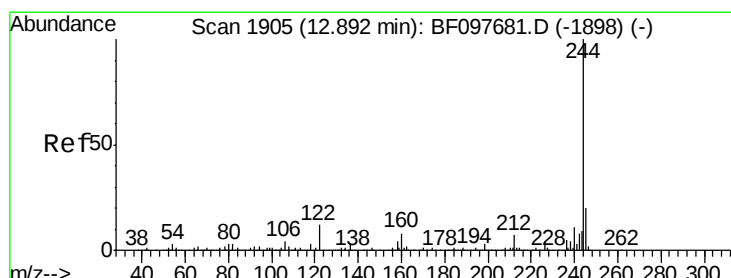
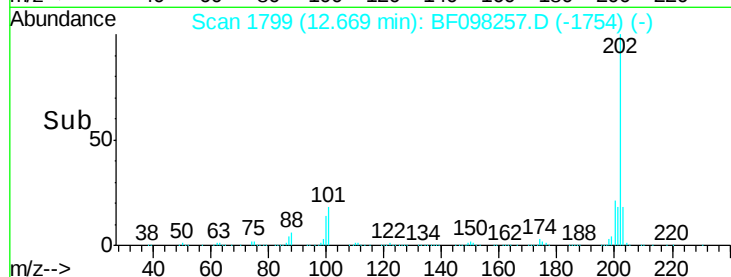
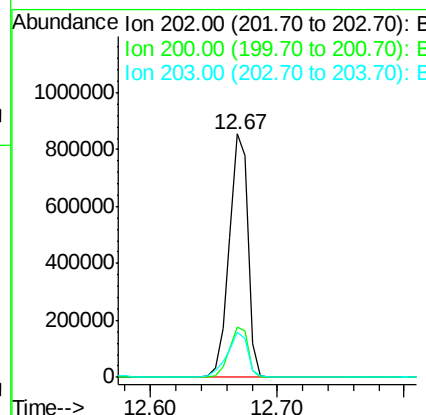
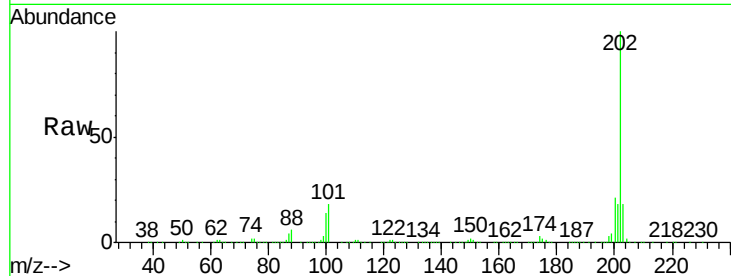
#77
 Pyrene
 Concen: 46.359 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampled :
 CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	872272		
200	20.9		17.6	26.4
203	18.4		14.4	21.6

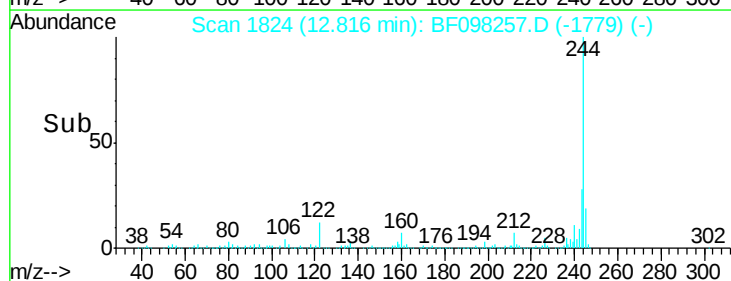
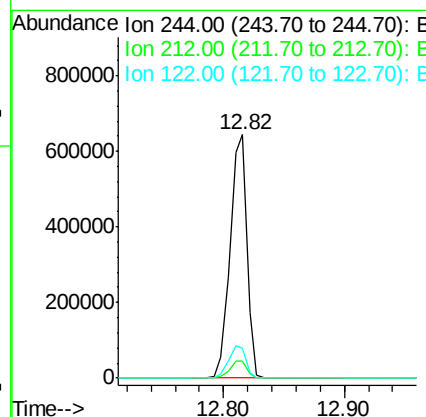
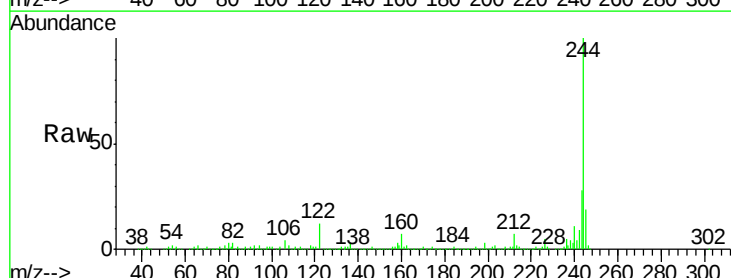
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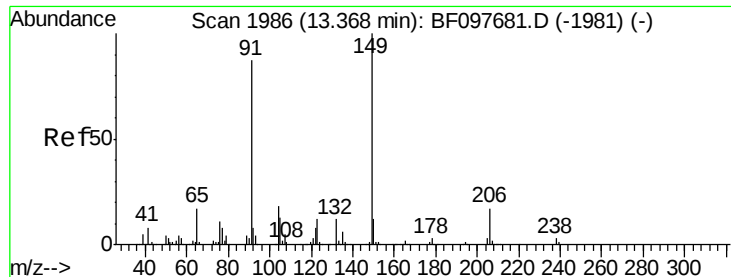
mohammad
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#78
 Terphenyl-d14
 Concen: 56.155 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	619506		
212	7.2		6.0	9.0
122	12.3		10.3	15.5





#79

Butylbenzylphthalate

Concen: 37.378 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

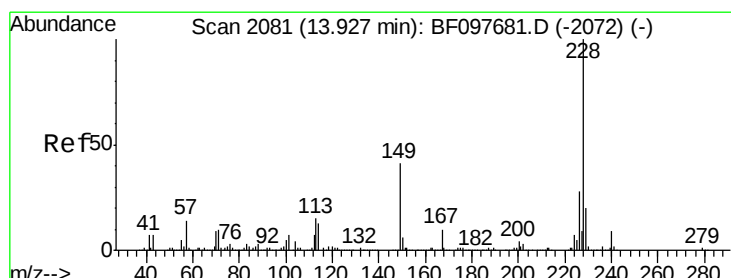
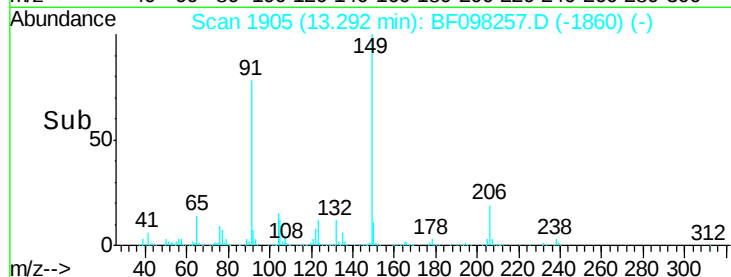
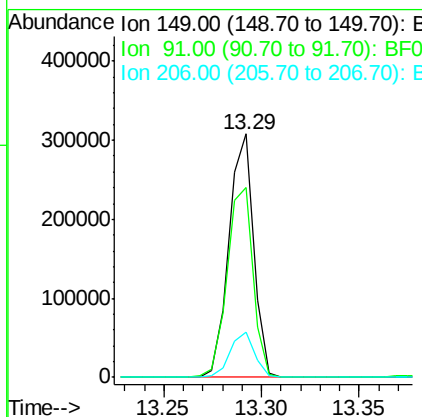
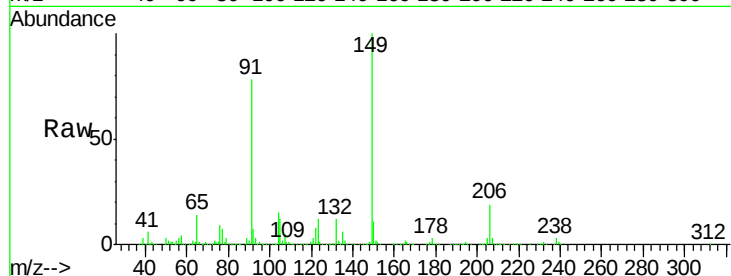
ClientSampleId :

CF-1MSD

Tgt Ion:	149	Resp:	269647
Ion Ratio		Lower	Upper
149	100		
91	78.2	45.0	67.4#
206	18.6	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 49.580 ng

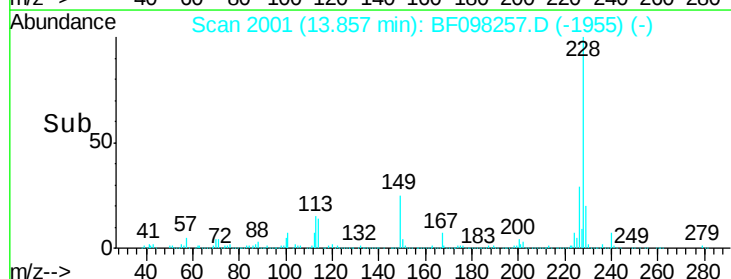
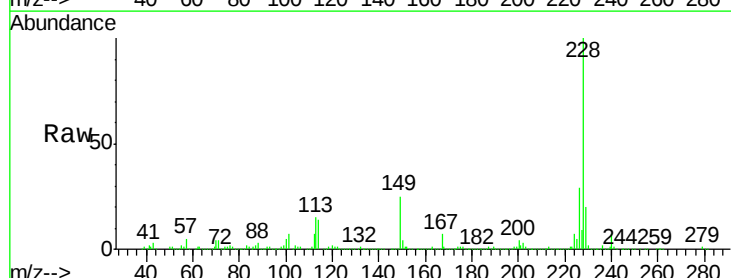
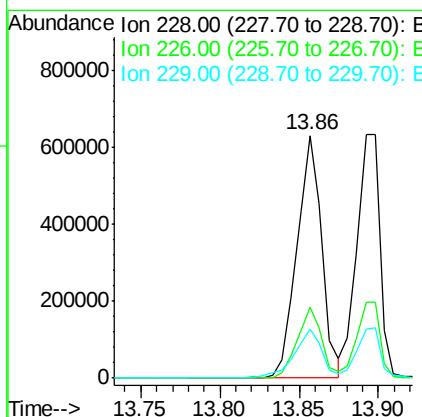
RT: 13.86 min Scan# 2001

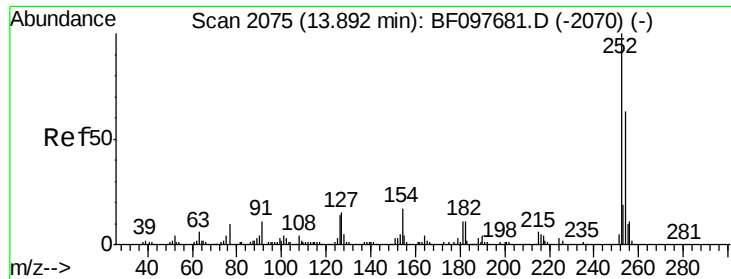
Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:	228	Resp:	683608
Ion Ratio		Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.2	16.3	24.5





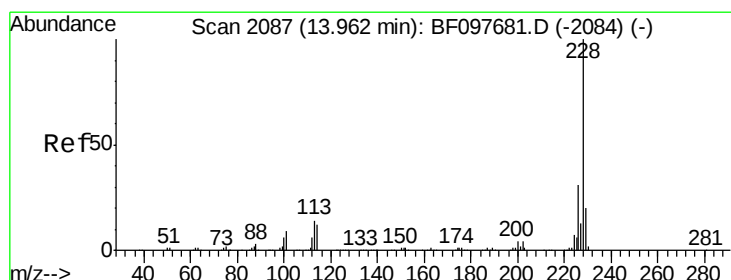
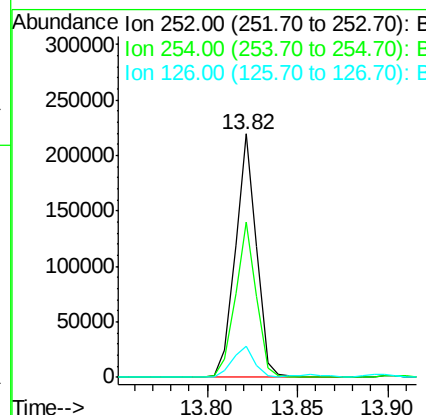
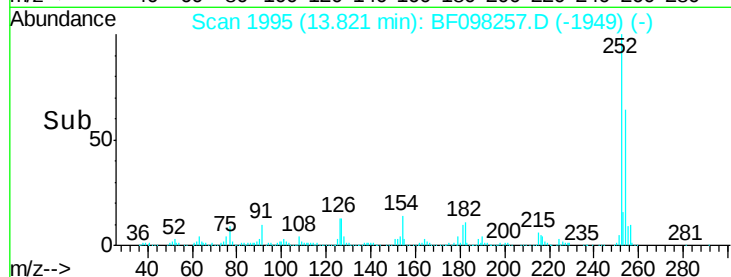
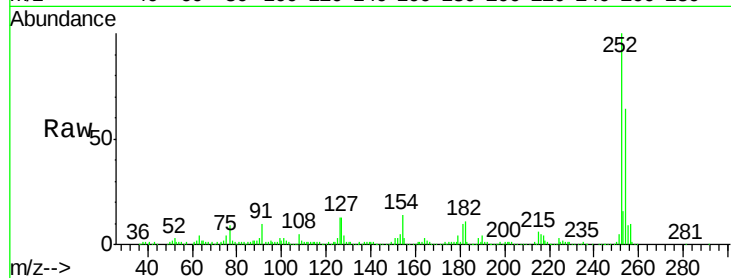
#81
 3,3'-Dichlorobenzidine
 Concen: 38.192 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	177694		
254	64.0	51.5	77.3	
126	12.9	15.8	23.8	

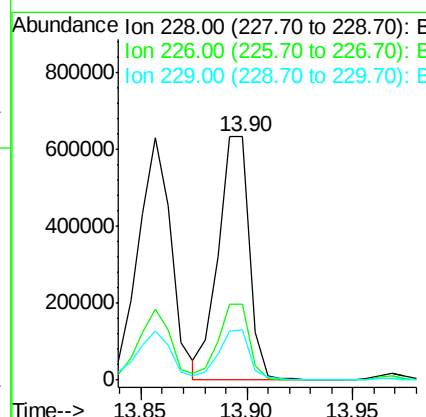
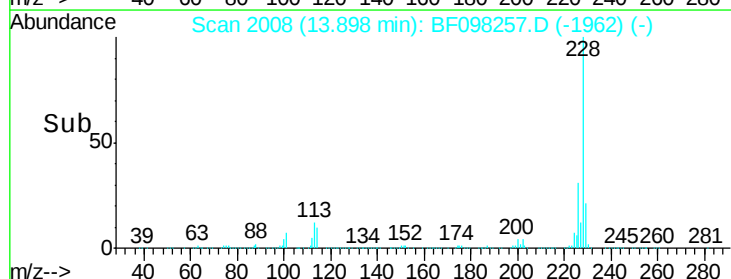
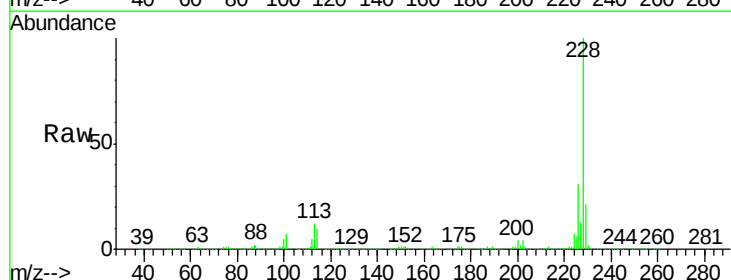
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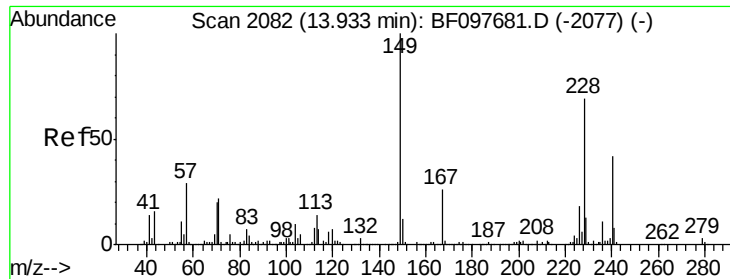
mohammad
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#82
 Chrysene
 Concen: 46.887 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	643095		
226	31.5	24.9	37.3	
229	20.8	15.8	23.6	





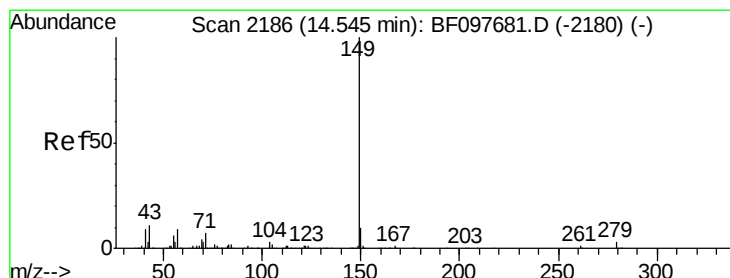
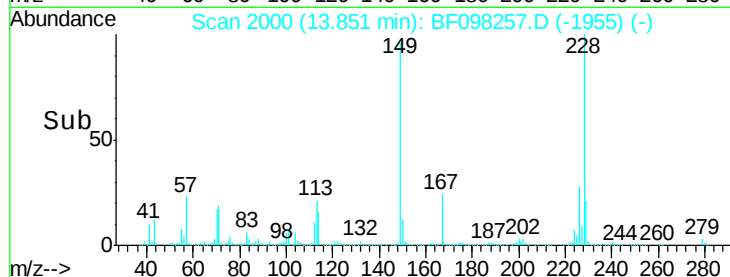
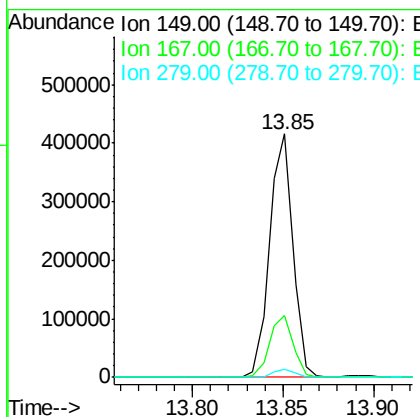
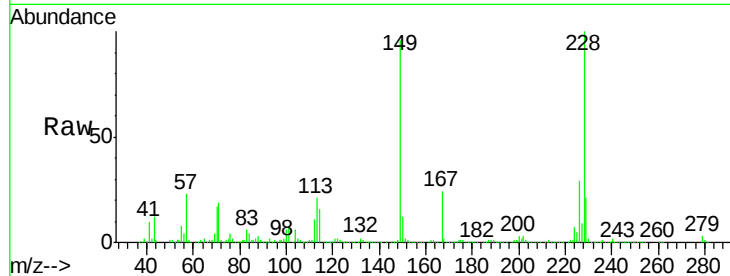
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.138 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	368822		
167	25.6	21.0	31.4	
279	3.4	1.9	2.9#	

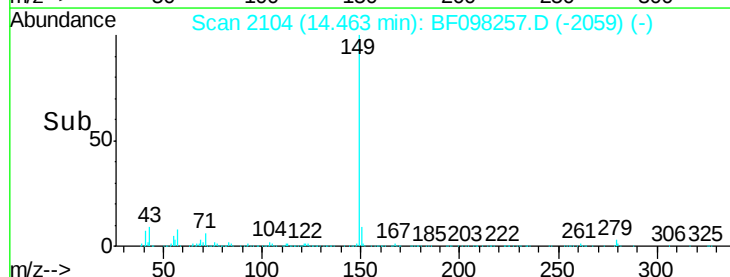
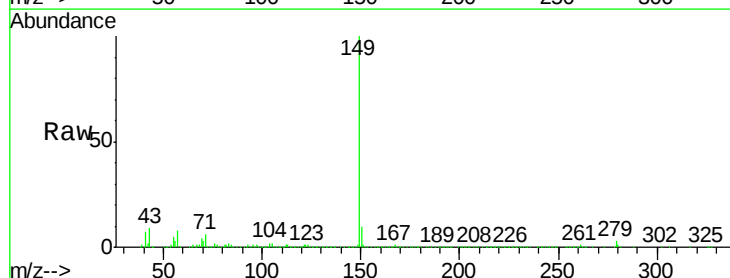
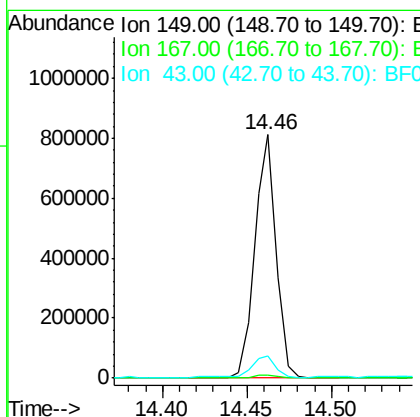
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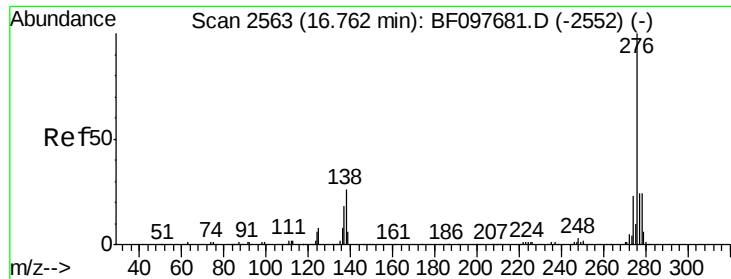
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#84
 Di-n-octyl phthalate
 Concen: 51.095 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	710684		
167	1.5	1.2	1.8	
43	9.5	8.5	12.7	





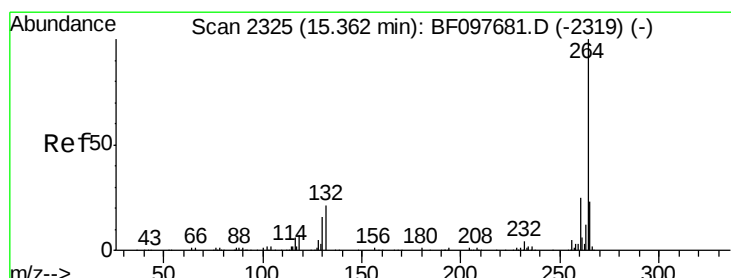
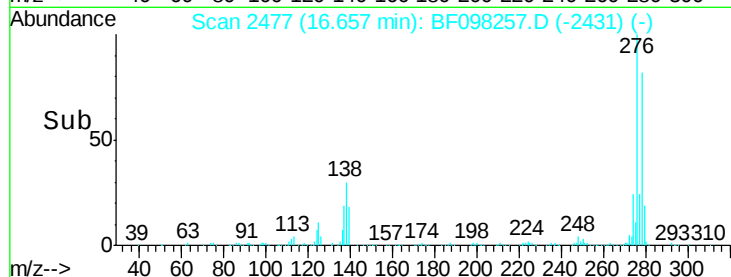
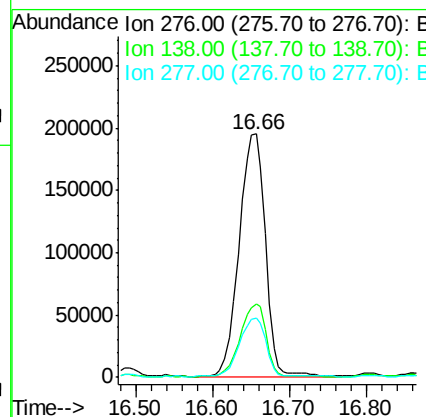
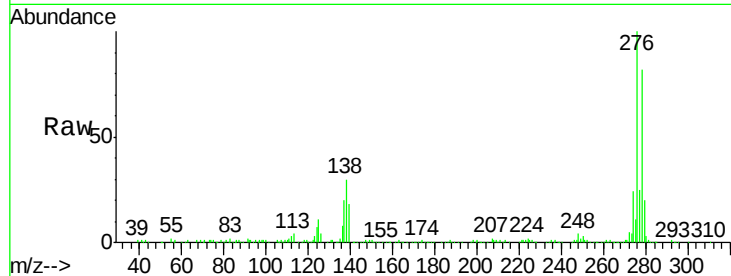
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.930 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampled :
 CF-1MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	24.8	20.2	30.4

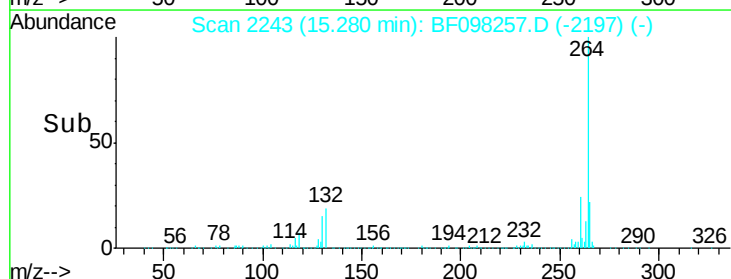
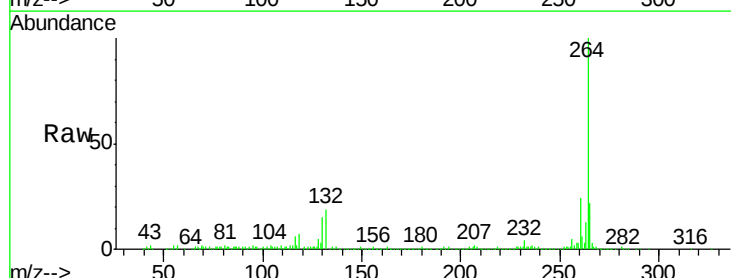
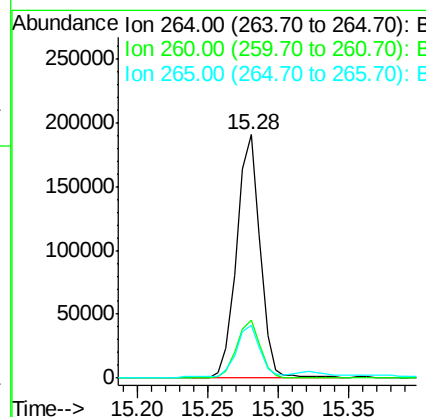
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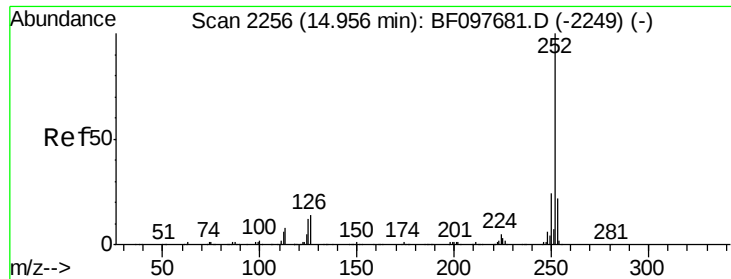
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 55.874 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.03 min

Lab File: BF098257.D

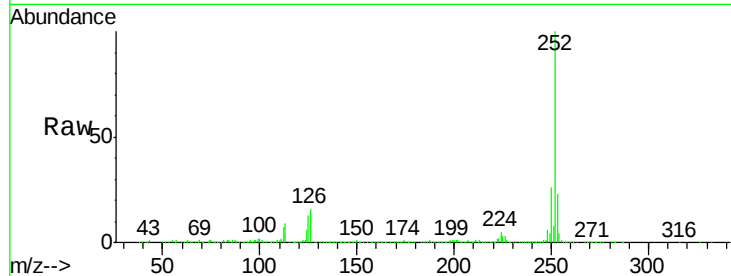
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.9	9.8	14.8

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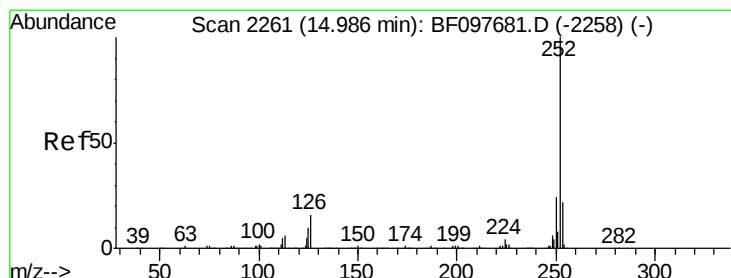
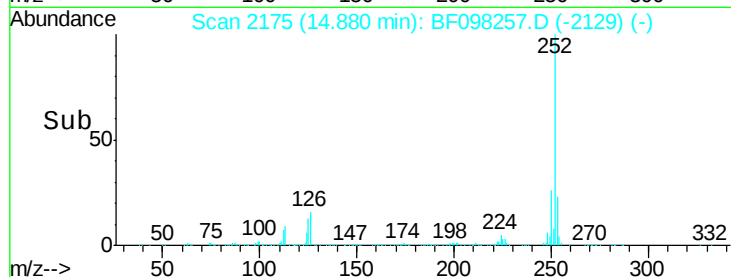
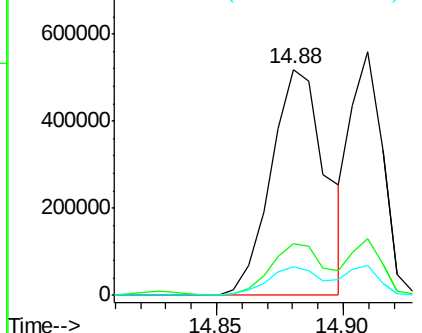
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.442 ng m

RT: 14.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BF098257.D

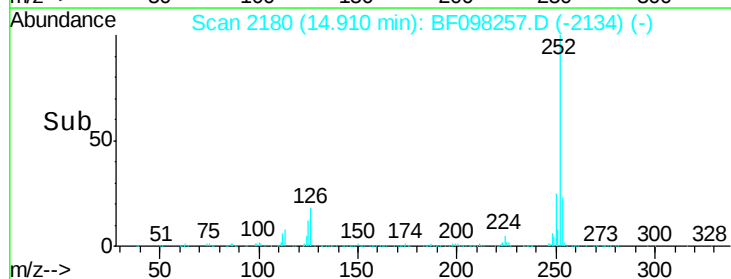
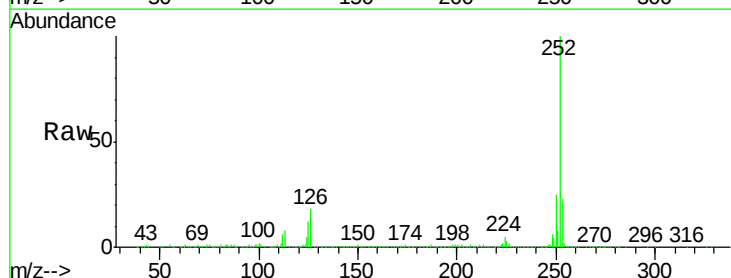
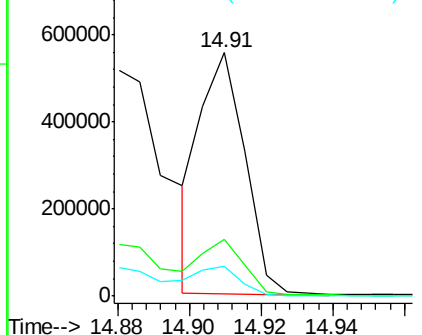
Acq: 2 Sep 2017 20:32

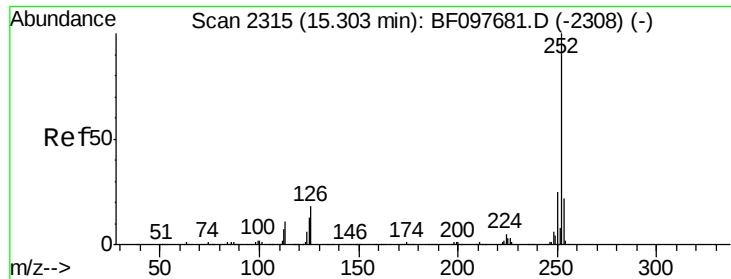
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	12.2	13.1	19.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





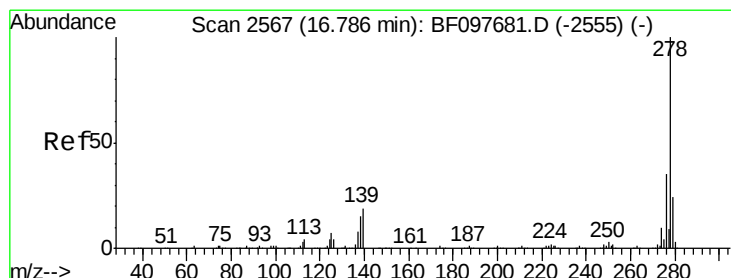
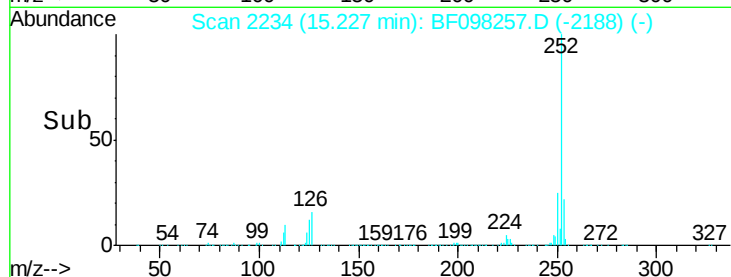
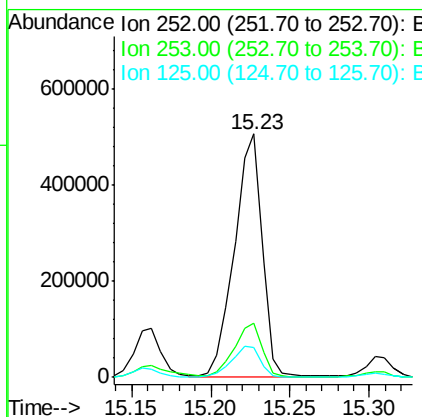
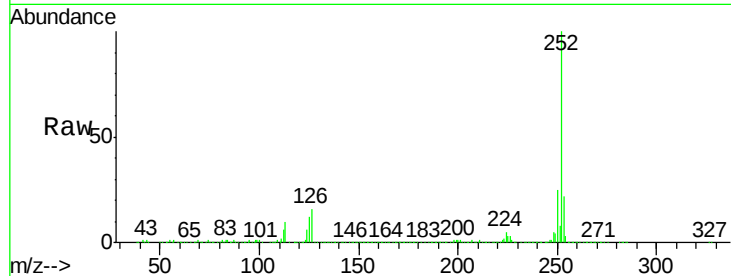
#89
Benzo(a)pyrene
Concen: 49.979 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :
CF-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	12.5	11.0	16.4

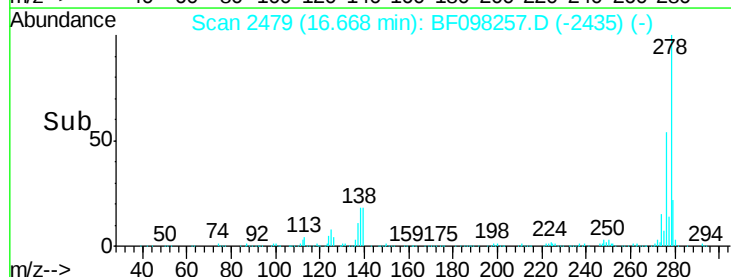
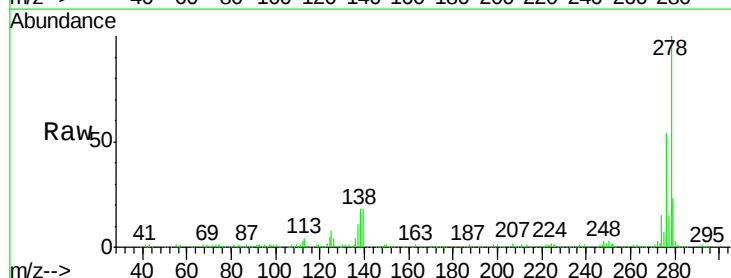
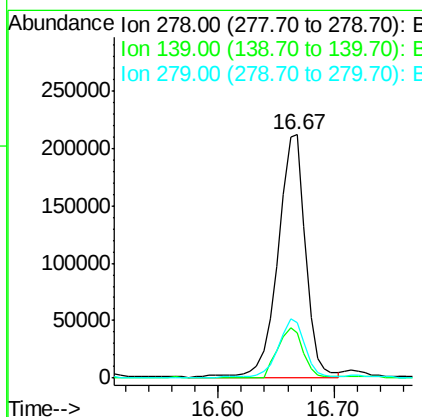
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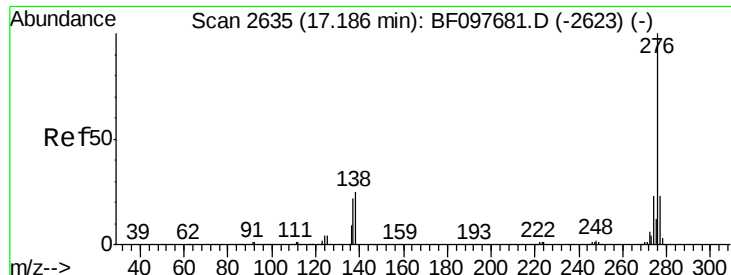
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 35.167 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

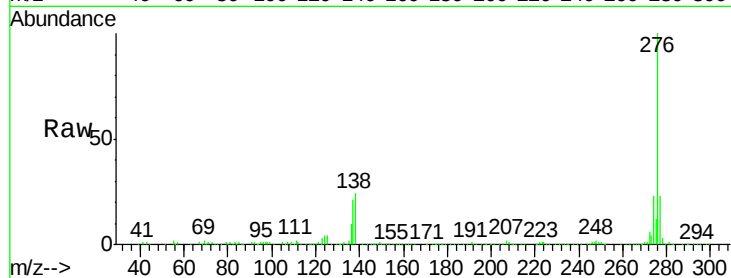
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.6	24.8
279	22.5	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 35.079 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 CF-1MSD



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.5	18.6	28.0		
138	24.5	25.4	38.0		

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