

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
 Data File : BF098248.D
 Acq On : 2 Sep 2017 16:19
 Operator : SJ/JU
 Sample : I5006-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:54:55 PM

Quant Time: Sep 04 07:47:51 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	110734	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	424150	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	162067	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	249770	20.00	ng	-0.04
75) Chrysene-d12	13.87	240	223801	20.00	ng	-0.03
86) Perylene-d12	15.28	264	237825	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	979595	134.56	ng	-0.02
7) Phenol-d6	6.37	99	1300168	131.44	ng	-0.02
23) Nitrobenzene-d5	7.28	82	813376	104.18	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	182004	129.43	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	1098219	99.56	ng	-0.04
78) Terphenyl-d14	12.82	244	726870	67.73	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	158835	39.122	ng	87
3) Pyridine	3.12	79	432632	38.546	ng	# 84
4) n-Nitrosodimethylamine	3.09	42	169867	39.333	ng	# 68
6) Aniline	6.38	93	354768	25.531	ng	# 1
8) 2-Chlorophenol	6.50	128	346808	45.172	ng	99
9) Benzaldehyde	6.26	77	140775	22.469	ng	89
10) Phenol	6.38	94	507976	43.910	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	393248	45.038	ng	93
12) 1,3-Dichlorobenzene	6.65	146	354610	42.940	ng	# 94
13) 1,4-Dichlorobenzene	6.73	146	356344	42.426	ng	# 93
14) 1,2-Dichlorobenzene	6.88	146	330565	42.684	ng	99
15) Benzyl Alcohol	6.86	79	309156	41.746	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	485147	41.296	ng	80
17) 2-Methylphenol	6.98	107	301991	44.635	ng	# 94
18) Hexachloroethane	7.22	117	142207	43.185	ng	# 83
19) n-Nitroso-di-n-propylamine	7.13	70	272117	40.187	ng	88
20) 3+4-Methylphenols	7.13	107	362714	43.893	ng	90
22) Acetophenone	7.13	105	499770	44.602	ng	# 86
24) Nitrobenzene	7.30	77	421166	48.447	ng	92
25) Isophorone	7.54	82	747117	46.019	ng	97
26) 2-Nitrophenol	7.62	139	173965	54.442	ng	# 86
27) 2,4-Dimethylphenol	7.66	122	303566	44.834	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	482532	45.209	ng	99
29) 2,4-Dichlorophenol	7.86	162	255276	45.419	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	274892	44.119	ng	100
31) Naphthalene	8.02	128	1030034	46.778	ng	100
32) Benzoic acid	7.75	122	22702	10.392	ng	# 87
33) 4-Chloroaniline	8.07	127	182568	19.659	ng	99
34) Hexachlorobutadiene	8.13	225	160575	44.140	ng	98
35) Caprolactam	8.44	113	79305m	41.505	ng	
36) 4-Chloro-3-methylphenol	8.56	107	280705	38.872	ng	# 79
37) 2-Methylnaphthalene	8.71	142	621174	46.012	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	240976	48.449	ng	98
40) Hexachlorocyclopentadiene	8.86	237	165266	69.165	ng	99

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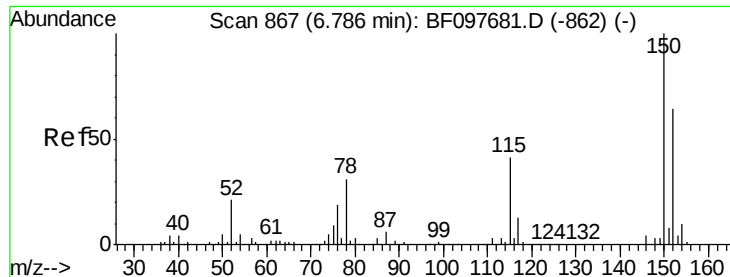
Manual Integrations
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Quant Time: Sep 04 07:47:51 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	154074	46.140	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	153579	46.359	ng	95
45) 1,1'-Biphenyl	9.17	154	685600	46.390	ng	97
46) 2-Chloronaphthalene	9.20	162	493789	45.219	ng	94
47) 2-Nitroaniline	9.30	65	172147	47.025	ng	97
48) Acenaphthylene	9.61	152	787083	45.899	ng	99
49) Dimethylphthalate	9.48	163	702035	59.260	ng	99
50) 2,6-Dinitrotoluene	9.54	165	114891	48.586	ng #	64
51) Acenaphthene	9.78	154	512978	47.432	ng	99
52) 3-Nitroaniline	9.71	138	100716	33.012	ng	99
53) 2,4-Dinitrophenol	9.82	184	59044	55.978	ng #	73
54) Dibenzofuran	9.96	168	718470	49.568	ng	98
55) 4-Nitrophenol	9.88	139	150768	61.949	ng #	44
56) 2,4-Dinitrotoluene	9.95	165	132290	44.578	ng #	56
57) Fluorene	10.30	166	534359	47.683	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.07	232	109684	42.764	ng	95
59) Diethylphthalate	10.17	149	535328	43.212	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	226138	43.437	ng	89
61) 4-Nitroaniline	10.32	138	111101	38.315	ng	79
62) Azobenzene	10.45	77	605303	41.133	ng	91
64) 4,6-Dinitro-2-methylphenol	10.35	198	53818	46.119	ng	85
65) n-Nitrosodiphenylamine	10.41	169	415391	48.838	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	130335	50.251	ng	99
67) Hexachlorobenzene	10.84	284	117009	44.260	ng #	84
68) Atrazine	10.94	200	112887	50.047	ng	96
69) Pentachlorophenol	11.04	266	104152	67.569	ng	98
70) Phenanthrene	11.26	178	1299749	97.655	ng	99
71) Anthracene	11.31	178	802374	59.438	ng	99
72) Carbazole	11.46	167	631295	49.267	ng	98
73) Di-n-butylphthalate	11.80	149	721044	48.852	ng	99
74) Fluoranthene	12.45	202	1381854	99.471	ng	99
76) Benzidine	12.57	184	210366	28.668	ng #	92
77) Pyrene	12.67	202	1354874	74.019	ng	99
79) Butylbenzylphthalate	13.29	149	317069	45.180	ng #	77
80) Benzo(a)anthracene	13.86	228	957168	71.360	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	176913	39.086	ng #	96
82) Chrysene	13.90	228	899880	67.441	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	406968	52.332	ng #	99
84) Di-n-octyl phthalate	14.46	149	831569	61.456	ng	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	781699	79.638	ng	94
87) Benzo(b)fluoranthene	14.89	252	1001647	66.817	ng	99
88) Benzo(k)fluoranthene	14.92	252	738127m	52.409	ng	
89) Benzo(a)pyrene	15.23	252	916251	69.041	ng	99
90) Dibenzo(a,h)anthracene	16.68	278	554684	51.340	ng	99
91) Benzo(g,h,i)perylene	17.08	276	619950	54.993	ng	94

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



#1

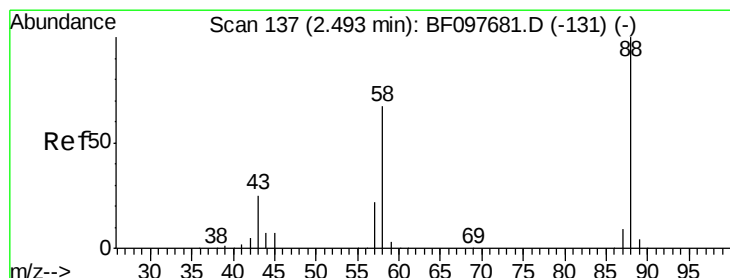
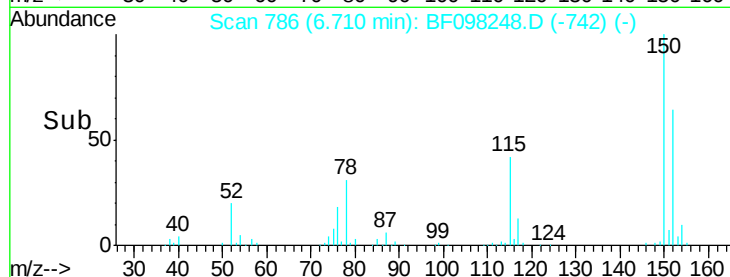
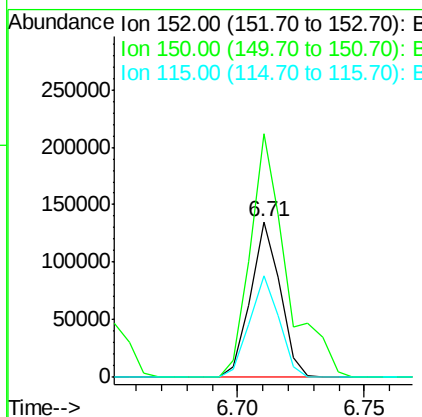
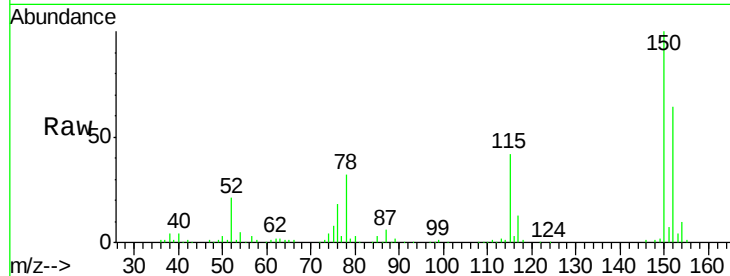
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	65.3	52.2	78.2

Manual Integrations
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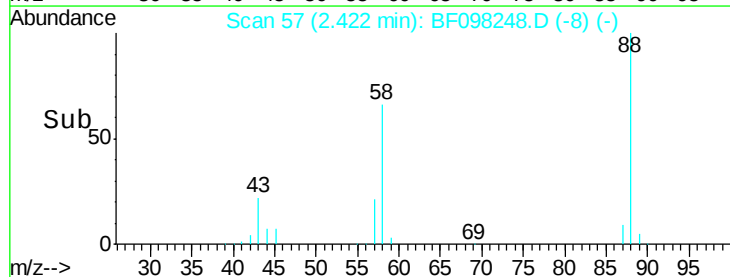
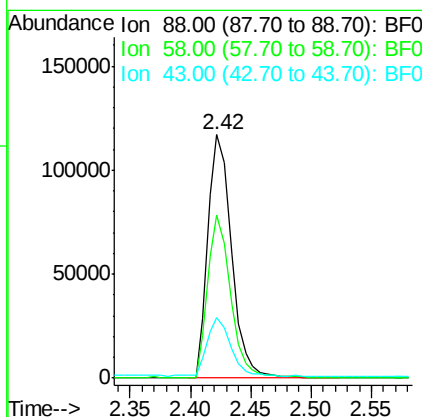
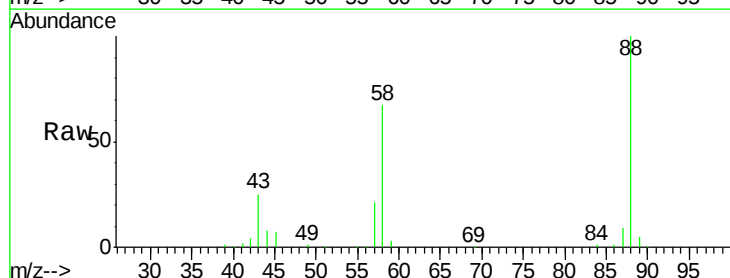
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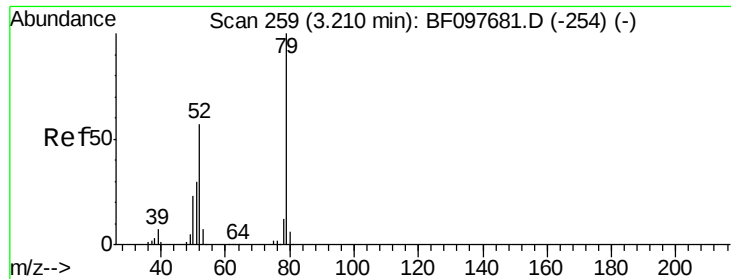


#2

1,4-Dioxane
Concen: 39.122 ng
RT: 2.42 min Scan# 57
Delta R.T. -0.01 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	61.4	92.0
43	23.4	23.4	35.0





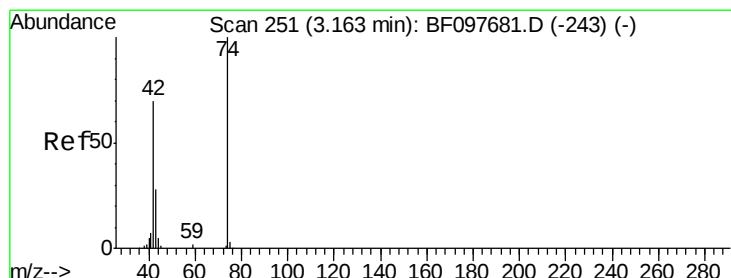
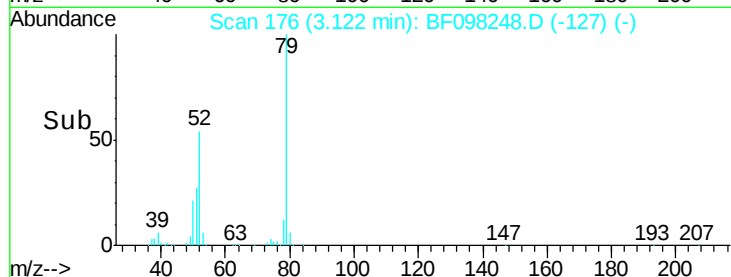
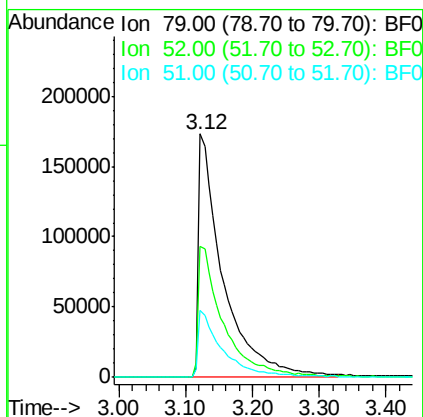
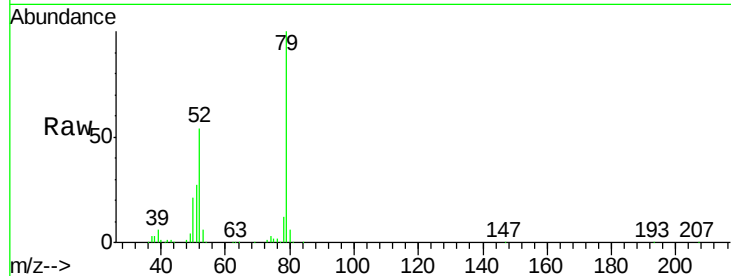
#3
 Pyridine
 Concen: 38.546 ng
 RT: 3.12 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	54.0	54.8	82.2#
51	27.3	27.0	40.4

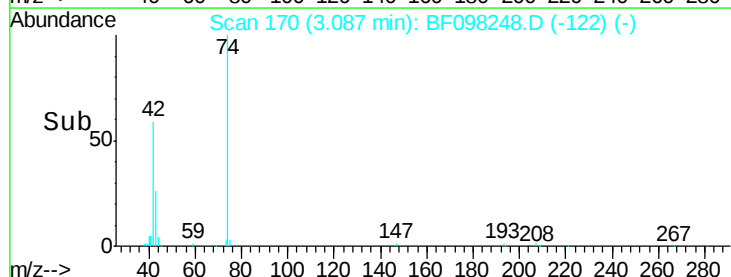
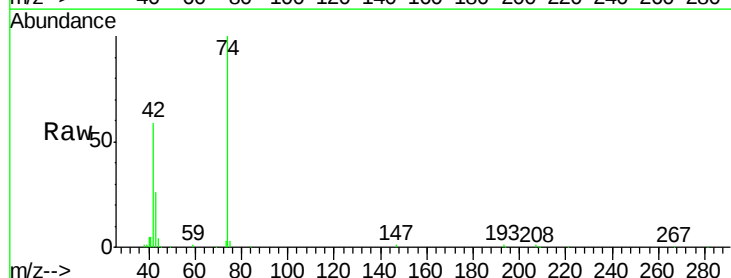
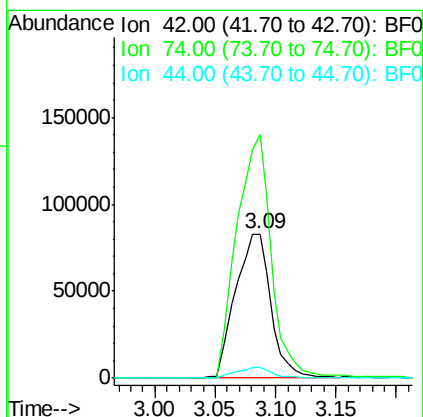
Manual Integrations
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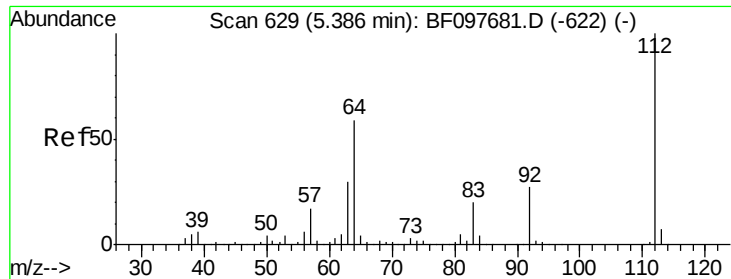
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#4
 n-Nitrosodimethylamine
 Concen: 39.333 ng
 RT: 3.09 min Scan# 170
 Delta R.T. -0.02 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.1	103.9	155.9#
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 134.560 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

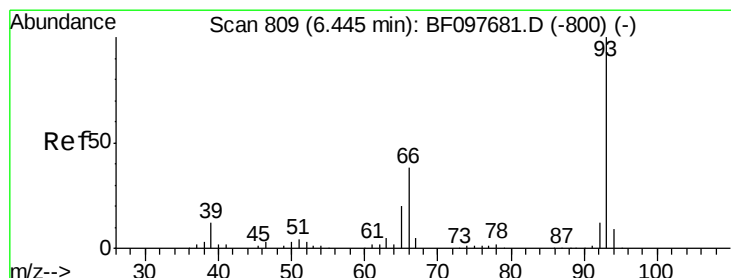
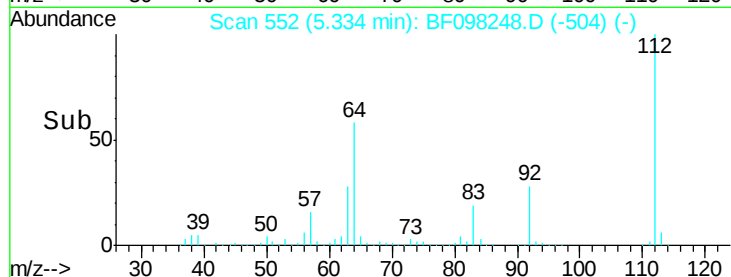
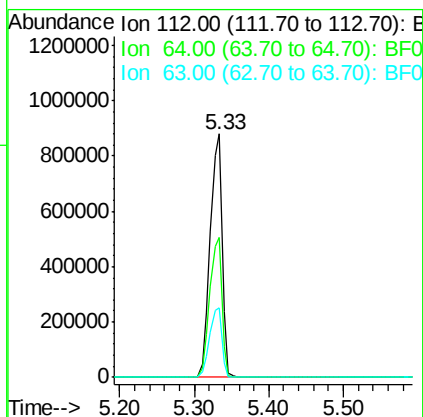
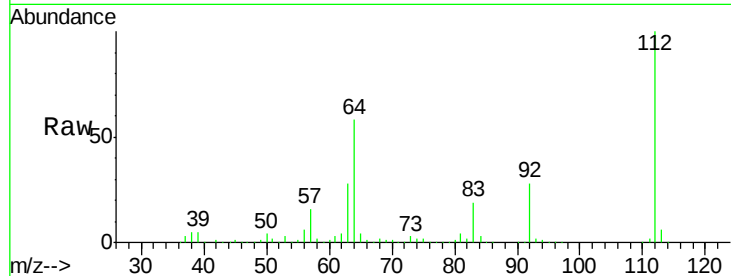
ClientSampleId :

SB-14-COMPMS

Tgt Ion:	112	Resp:	979595
Ion Ratio	Lower	Upper	
112	100		
64	57.5	46.0	69.0
63	28.3	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 25.531 ng

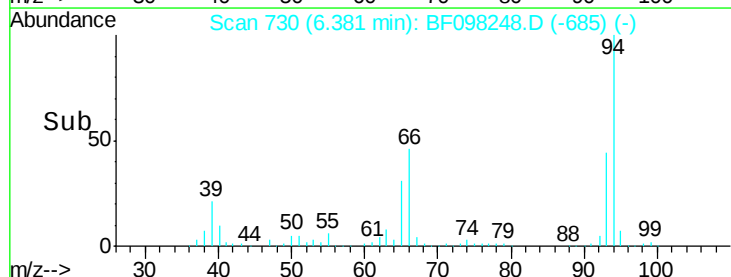
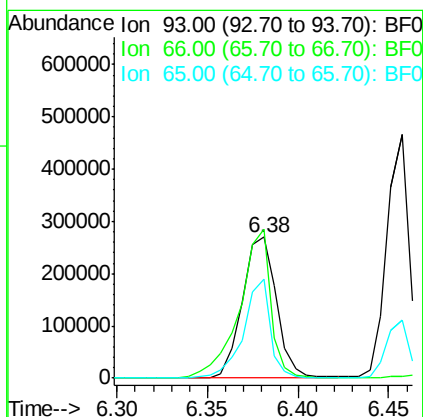
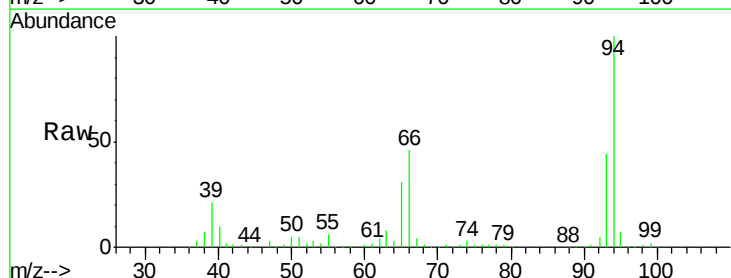
RT: 6.38 min Scan# 730

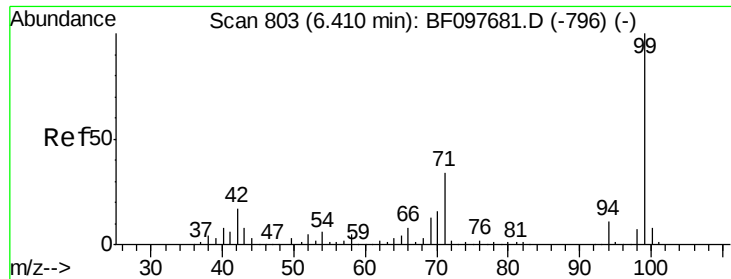
Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion:	93	Resp:	354768
Ion Ratio	Lower	Upper	
93	100		
66	105.3	32.9	49.3#
65	70.2	16.0	24.0#





#7

Phenol-d6

Concen: 131.444 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tgt Ion: 99 Resp: 1300168

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

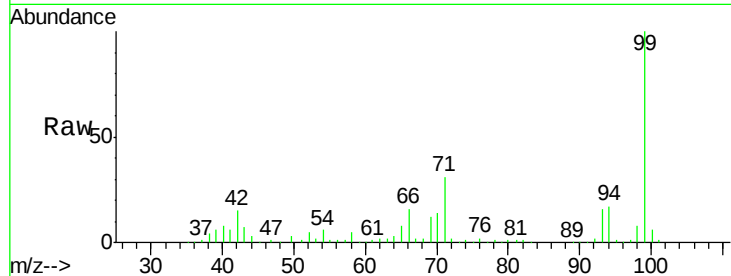
71 31.3 24.5 36.7

Manual Integrations

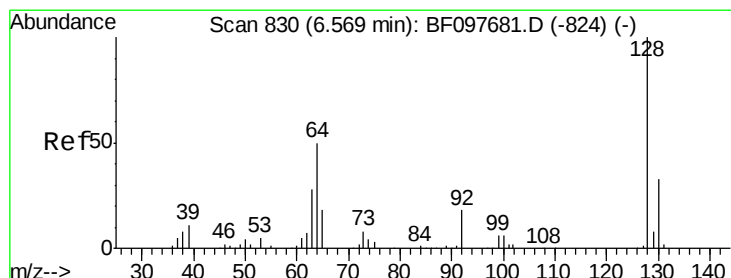
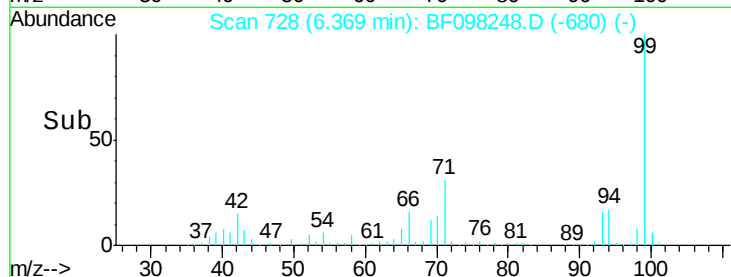
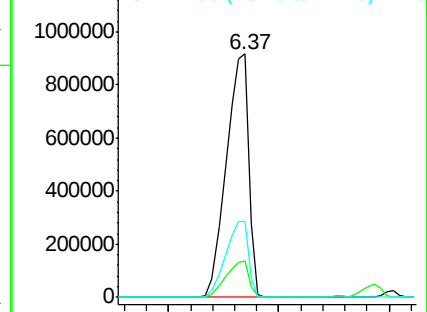
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.172 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

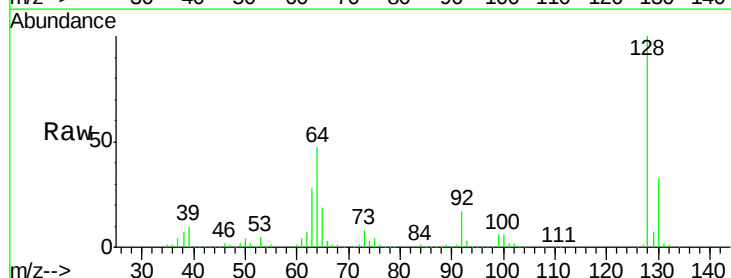
Tgt Ion: 128 Resp: 346808

Ion Ratio Lower Upper

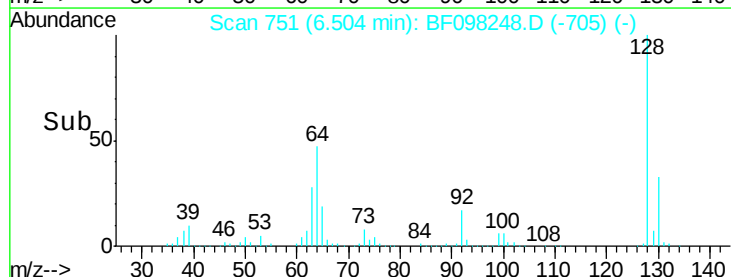
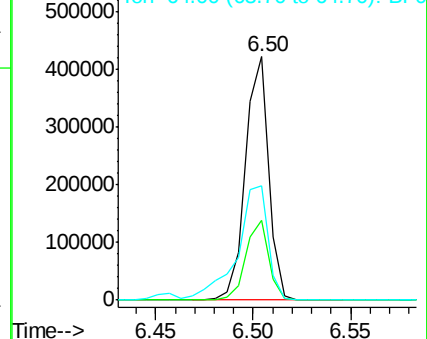
128 100

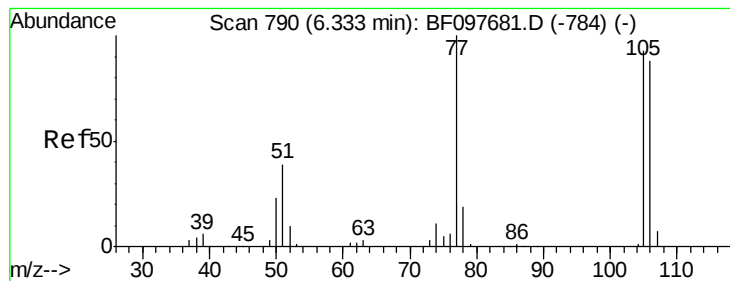
130 33.0 12.9 52.9

64 46.8 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: 22.469 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tgt Ion: 77 Resp: 140775

Ion Ratio Lower Upper

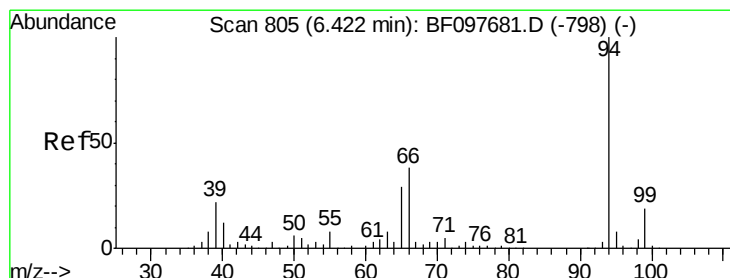
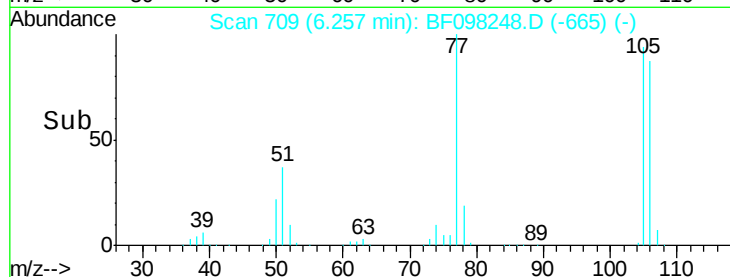
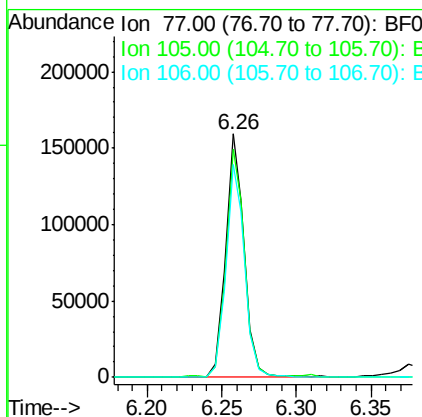
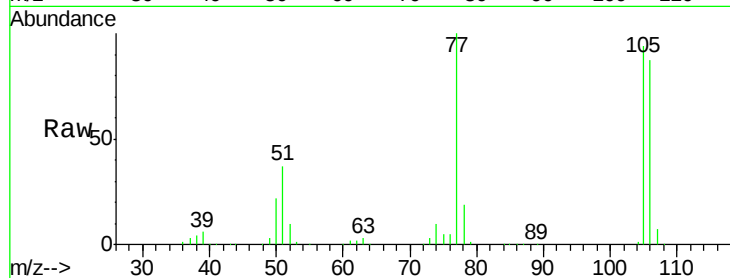
77 100

105 93.7 83.8 123.8

106 87.4 79.1 119.1

Manual Integrations
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#10

Phenol

Concen: 43.910 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

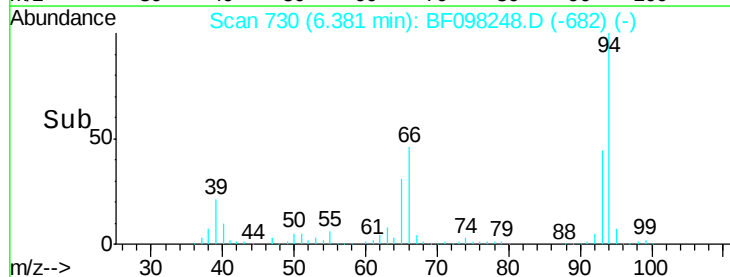
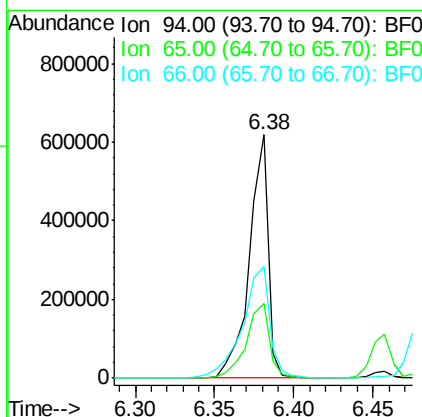
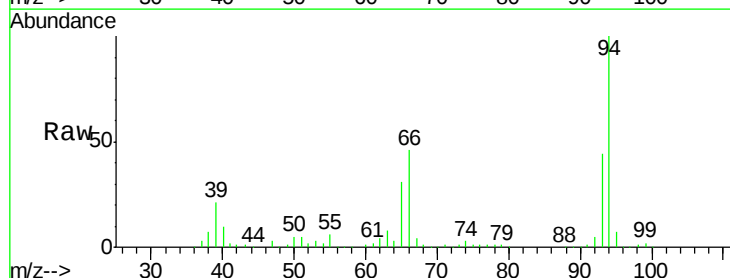
Tgt Ion: 94 Resp: 507976

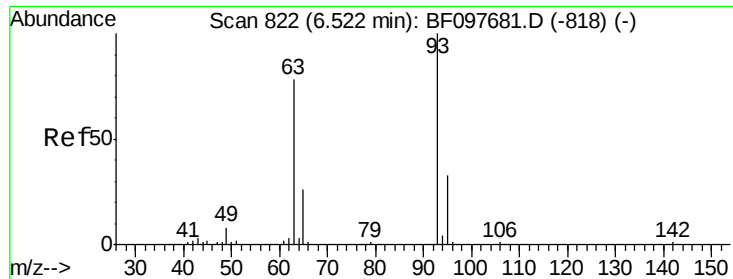
Ion Ratio Lower Upper

94 100

65 30.6 9.9 49.9

66 45.9 23.1 63.1





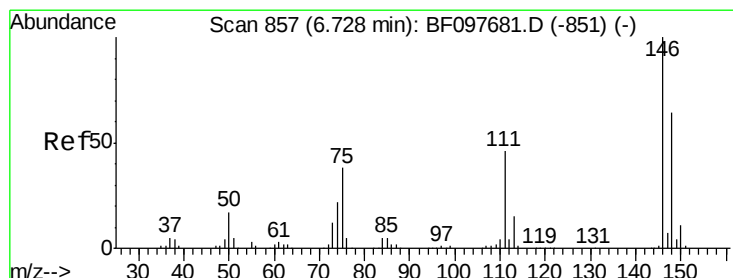
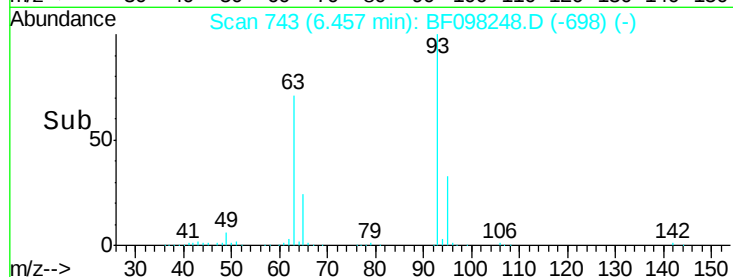
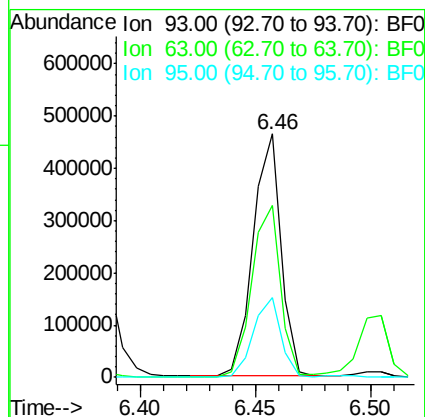
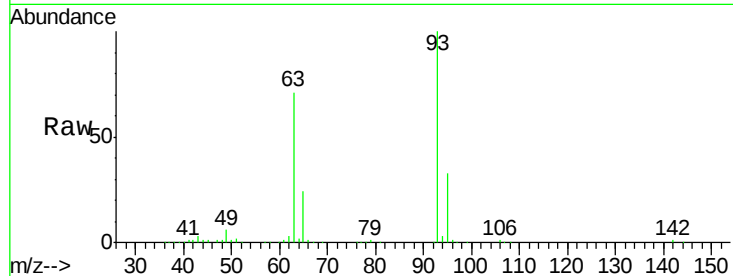
#11
bis(2-Chloroethyl)ether
Concen: 45.038 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.8	59.2	99.2
95	32.6	12.8	52.8

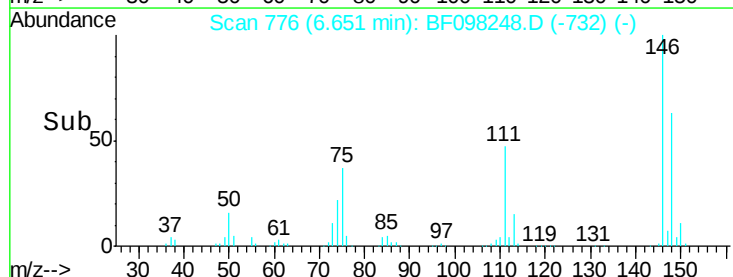
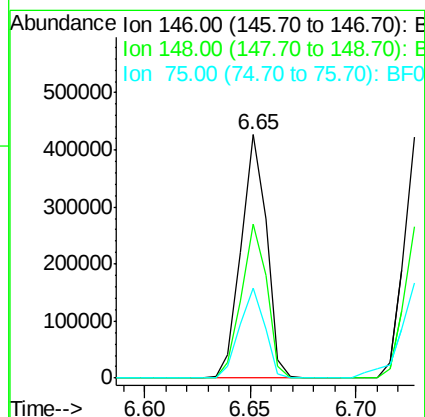
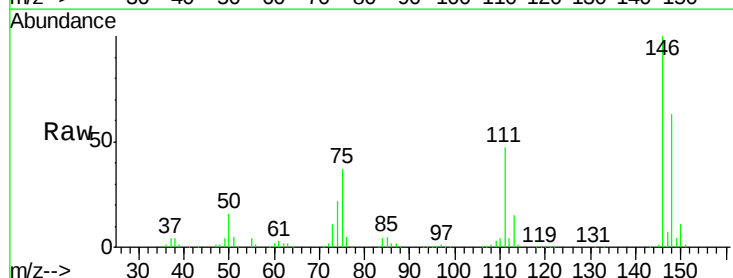
Manual Integrations
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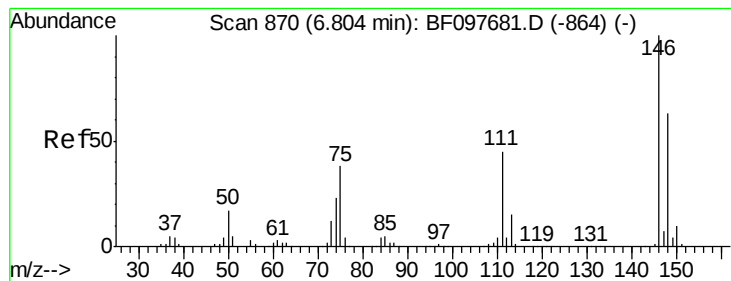
mohammad
9/5/2017 4:54:55 PM



#12
1,3-Dichlorobenzene
Concen: 42.940 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
75	36.8	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 42.426 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

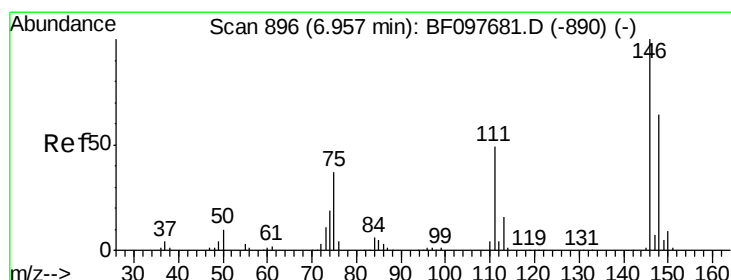
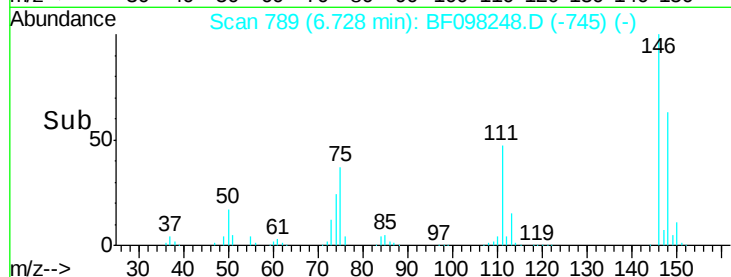
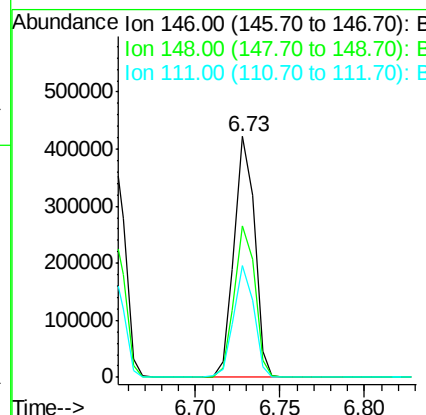
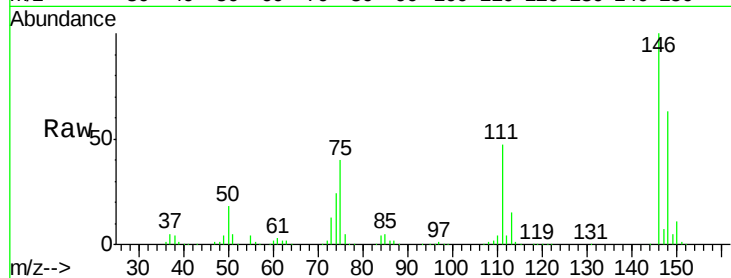
ClientSampleId :

SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	46.5	30.3	45.5#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.684 ng

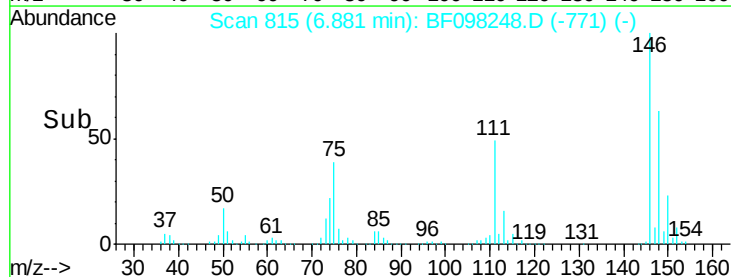
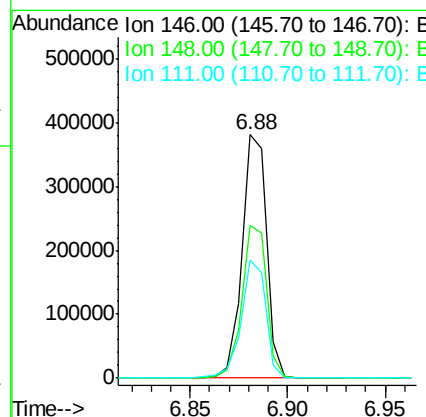
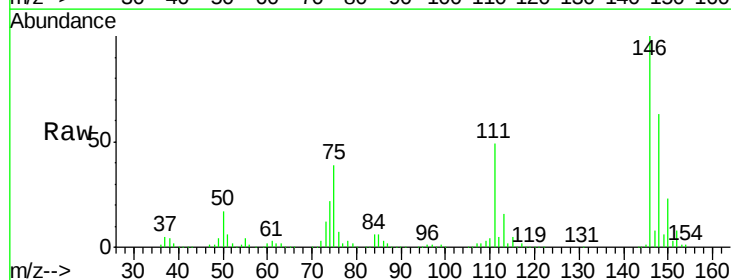
RT: 6.88 min Scan# 815

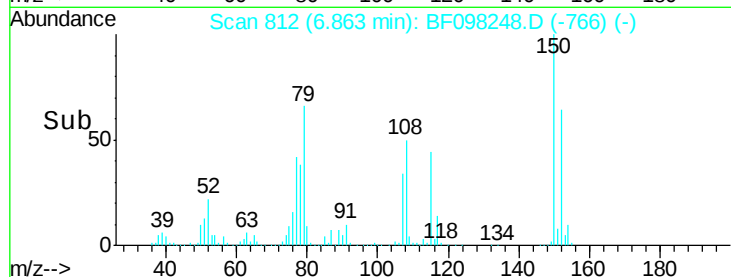
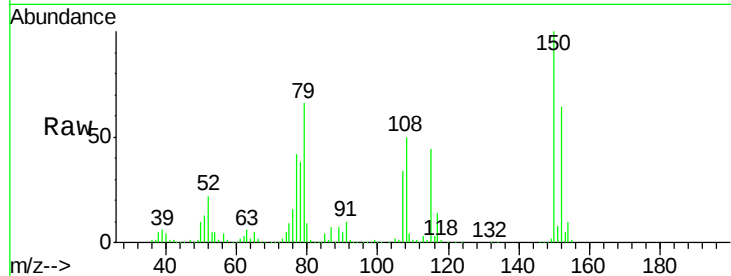
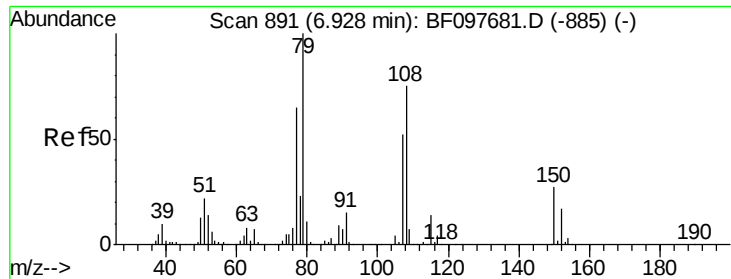
Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.4	75.6
111	48.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 41.746 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion:	79	Resp:	309156
Ion	Ratio	Lower	Upper
79	100		
108	75.7	63.4	95.0
77	63.3	49.2	73.8

Instrument :

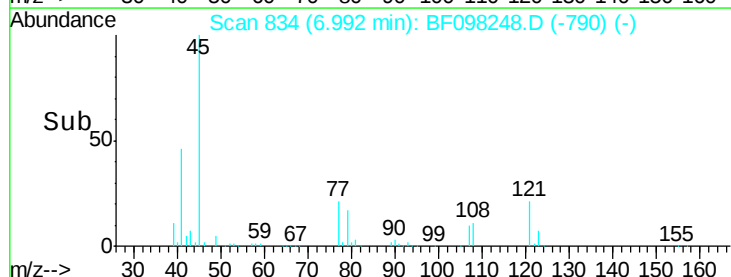
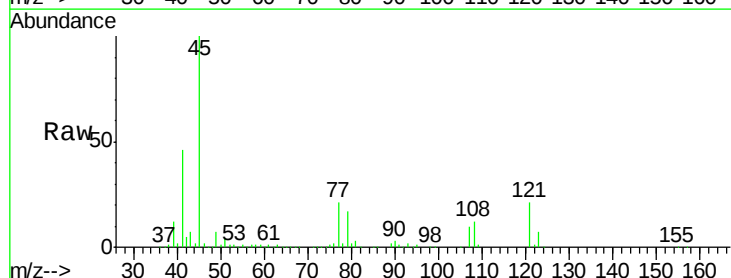
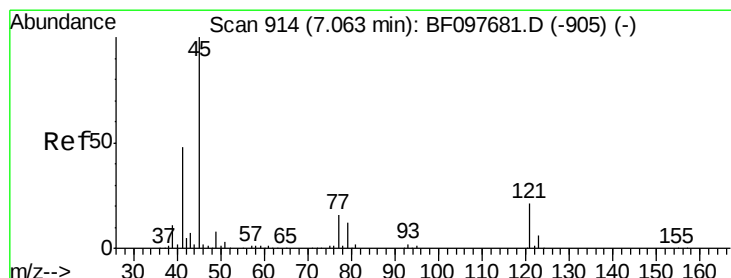
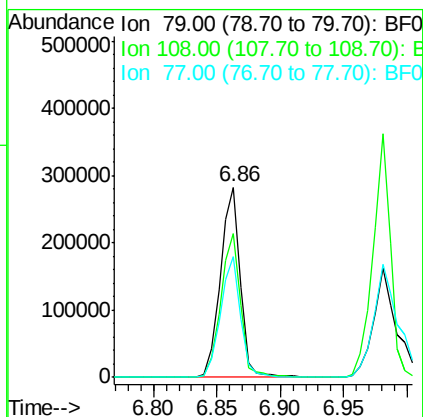
BNA_F

ClientSampleId :

SB-14-COMPMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.296 ng

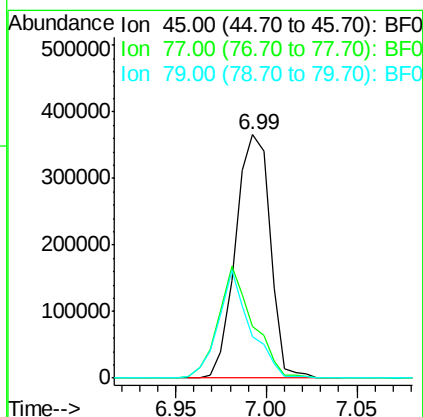
RT: 6.99 min Scan# 834

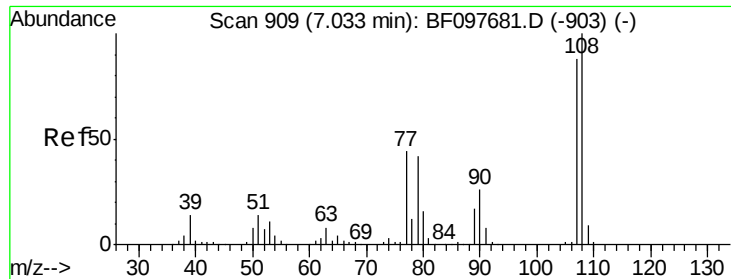
Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion:	45	Resp:	485147
Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	33.2
79	17.2	0.0	30.0





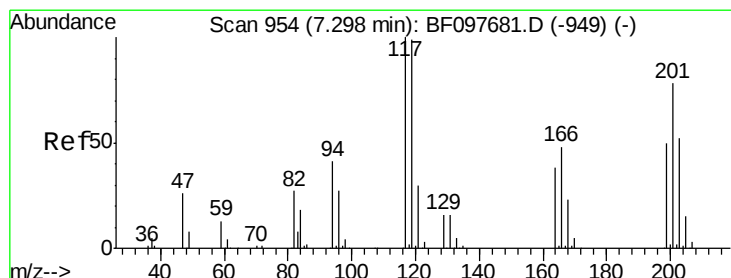
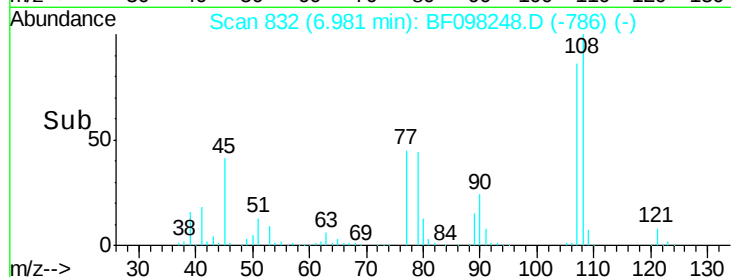
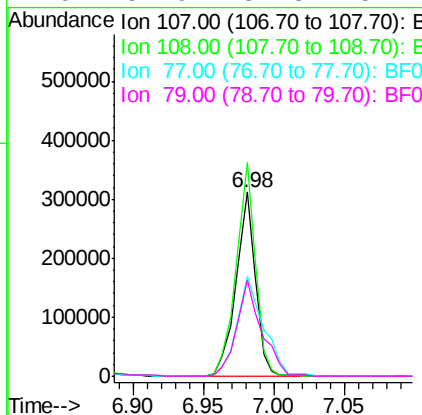
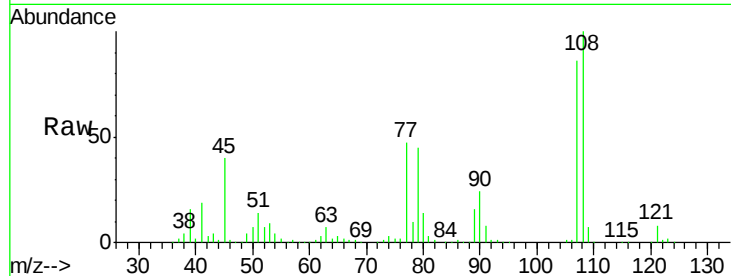
#17
2-Methylphenol
Concen: 44.635 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	301991		
108	116.1	93.4	140.0	
77	54.1	35.8	53.6	
79	51.9	34.8	52.2	

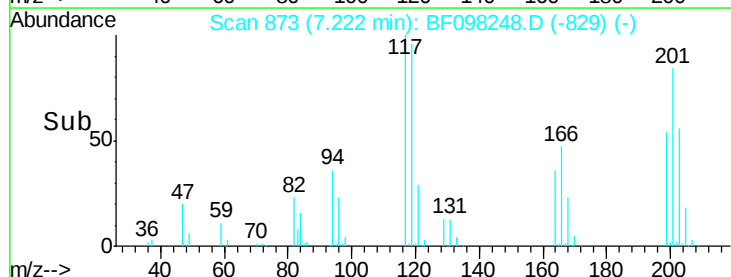
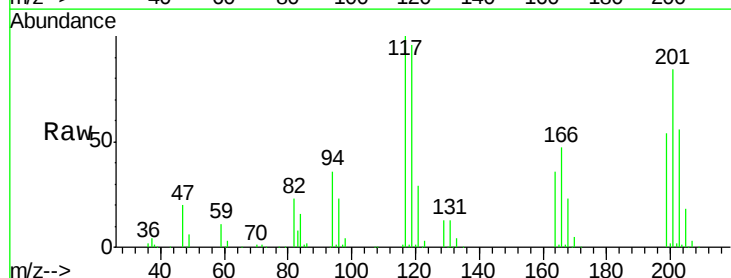
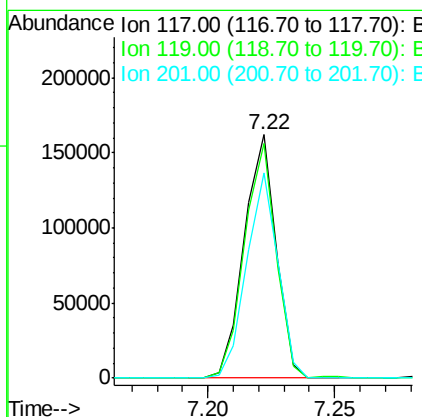
Manual Integrations
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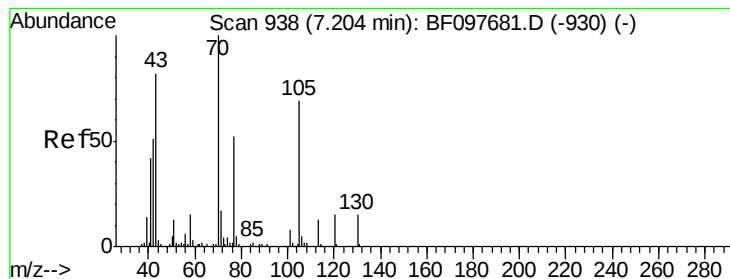
mohammad
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#18
Hexachloroethane
Concen: 43.185 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	142207		
119	96.3	77.4	116.0	
201	84.2	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 40.187 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: BF098248.D

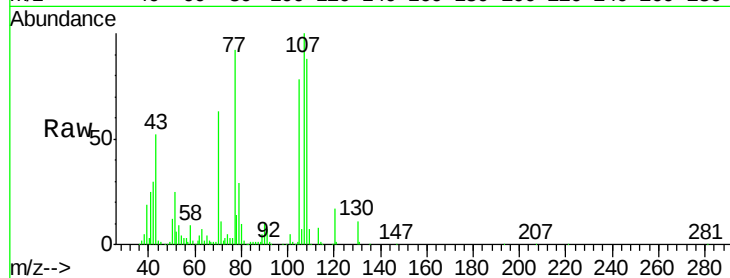
Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS



Tgt Ion: 70 Resp: 272117

Ion Ratio Lower Upper

70 100

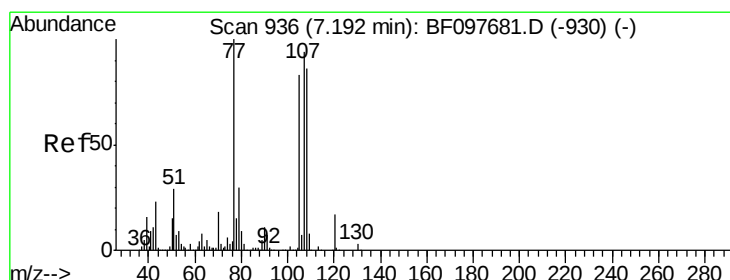
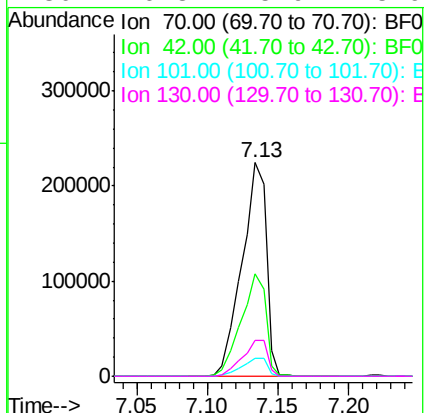
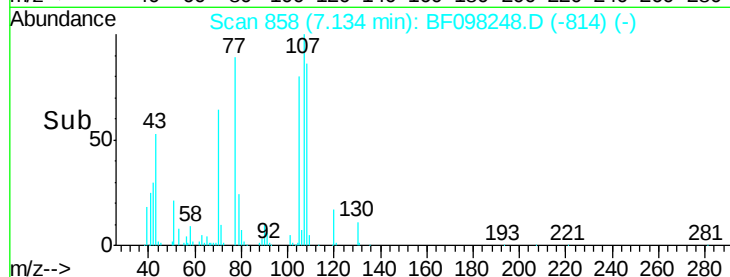
42 47.9 47.2 70.8

101 8.4 7.2 10.8

130 16.8 15.9 23.9

Manual Integrations
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mohammad
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#20

3+4-Methylphenols

Concen: 43.893 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion: 107 Resp: 362714

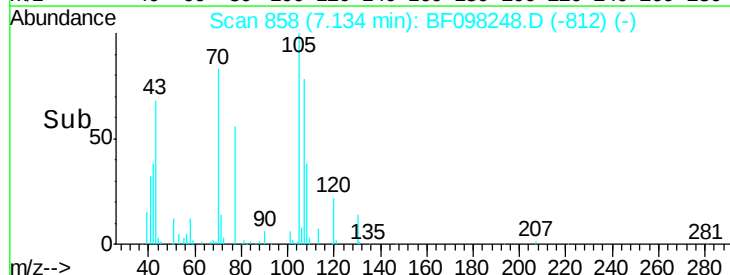
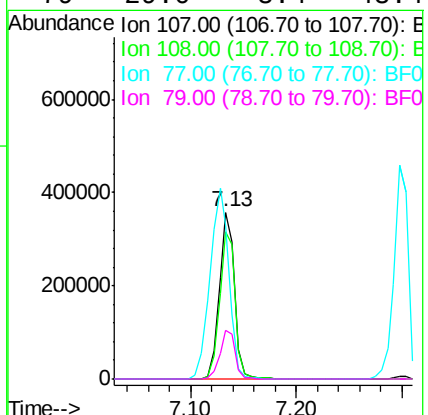
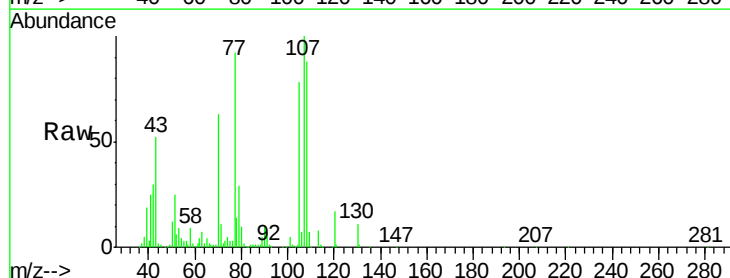
Ion Ratio Lower Upper

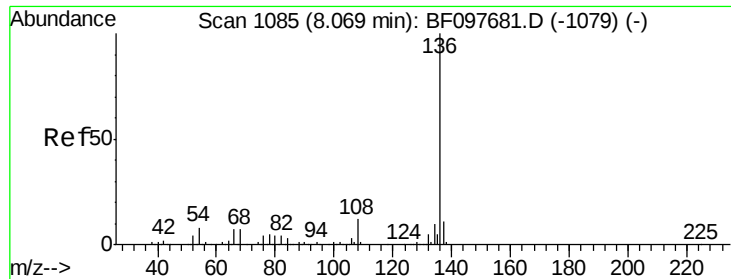
107 100

108 88.4 71.0 111.0

77 92.2 90.5 130.5

79 29.0 8.4 48.4





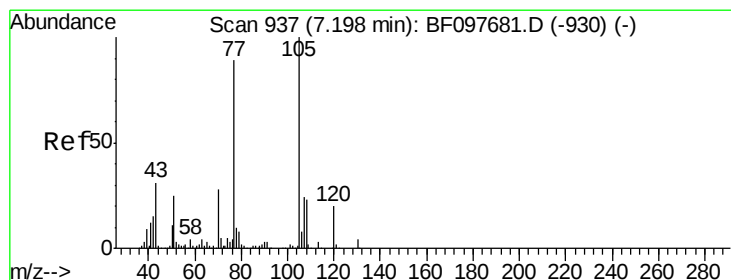
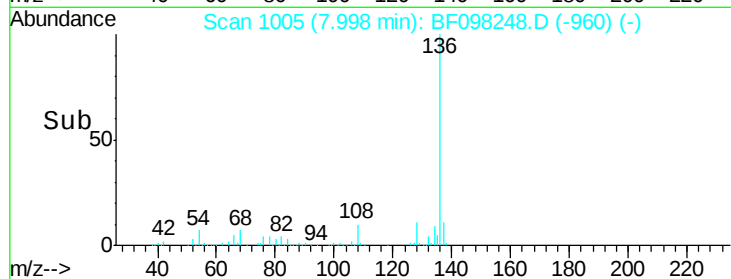
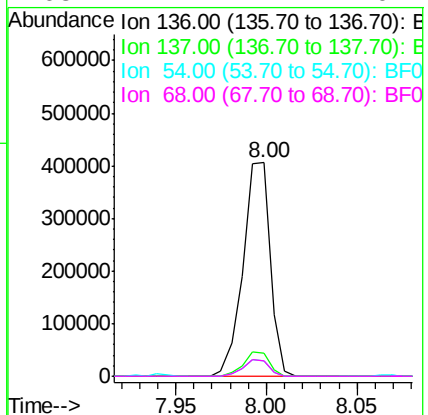
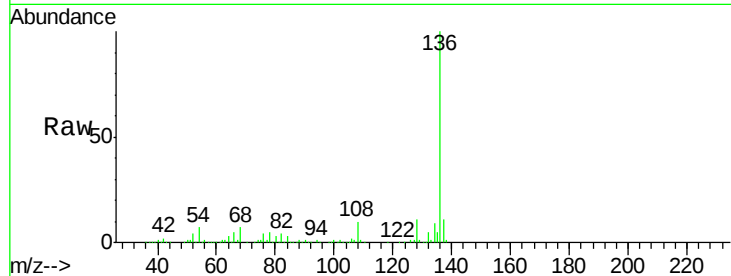
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	424150		
137	10.7	8.5	12.7	
54	7.0	4.9	7.3	
68	7.1	4.1	6.1	

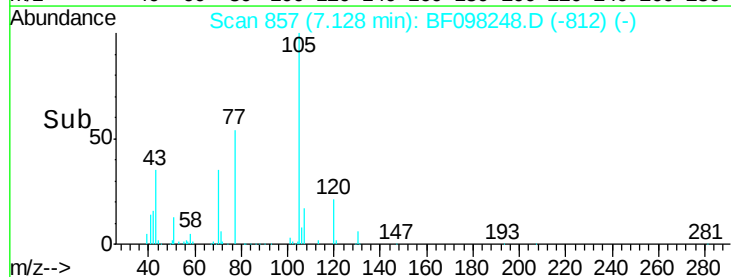
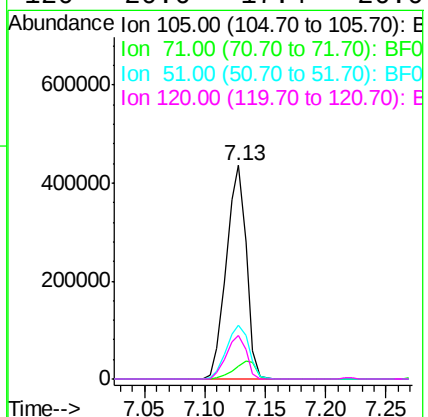
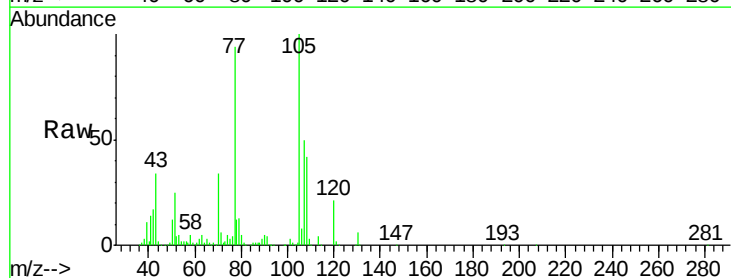
Manual Integrations
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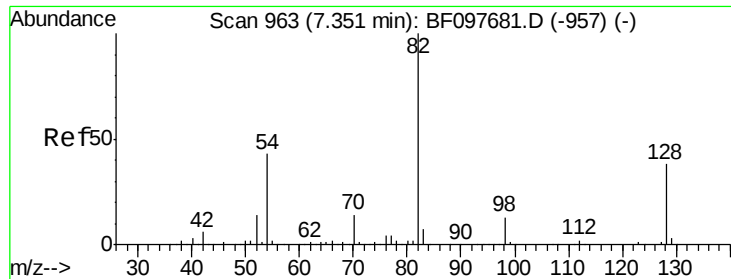
mohammad
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#22
Acetophenone
Concen: 44.602 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	499770		
71	6.0	2.8	4.2	
51	25.5	30.7	46.1	
120	20.6	17.4	26.0	





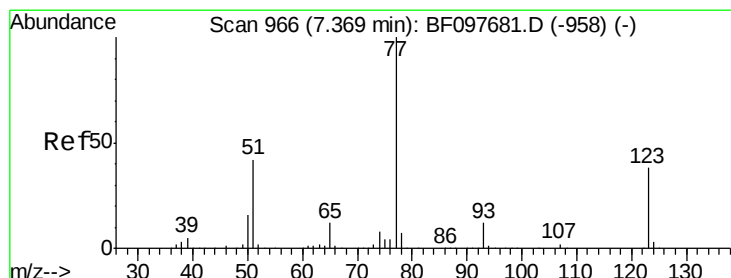
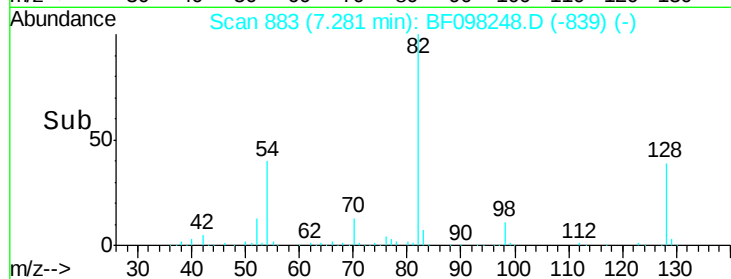
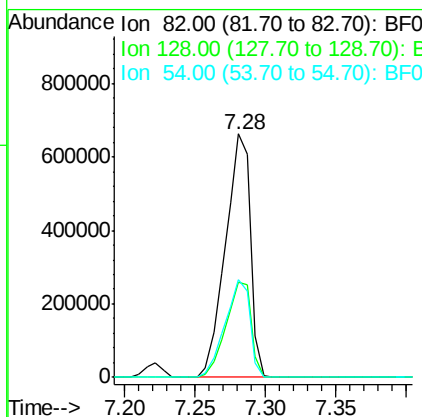
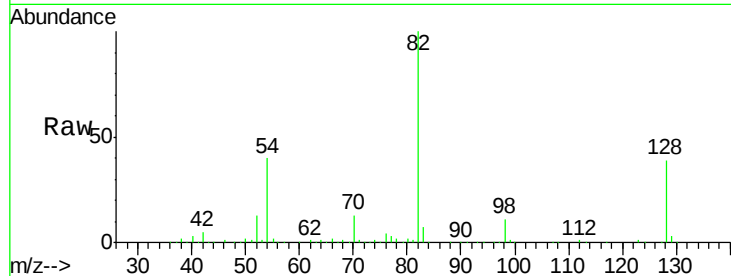
#23
 Nitrobenzene-d5
 Concen: 104.176 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	813376		
128	39.1	34.0	51.0	
54	40.2	42.2	63.2	

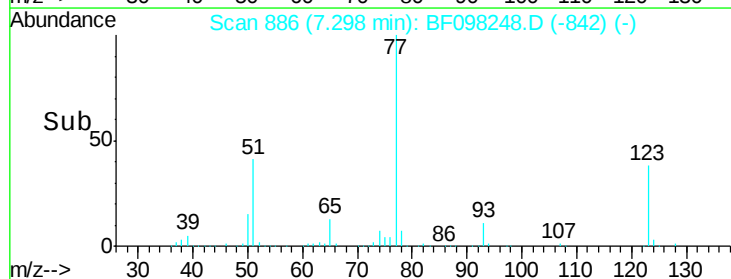
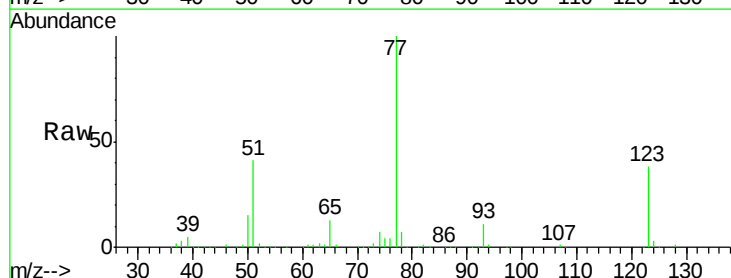
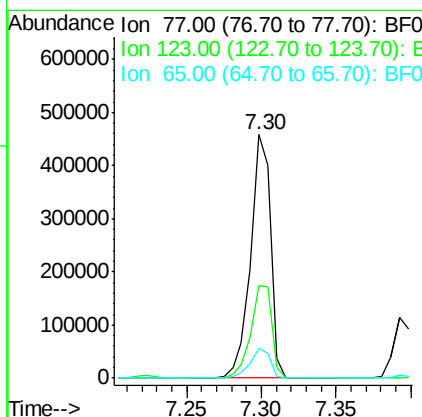
Manual Integrations
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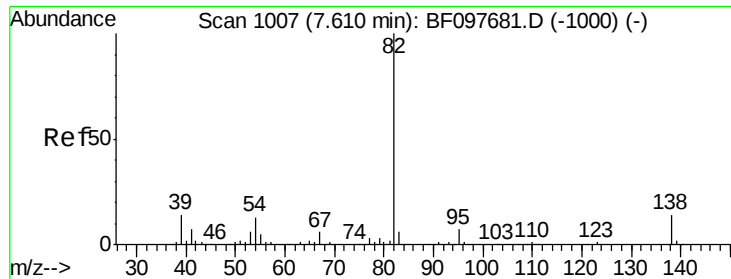
mohammad
 9/5/2017 4:54:55 PM



#24
 Nitrobenzene
 Concen: 48.447 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	421166		
123	38.3	35.8	53.8	
65	12.5	10.6	15.8	





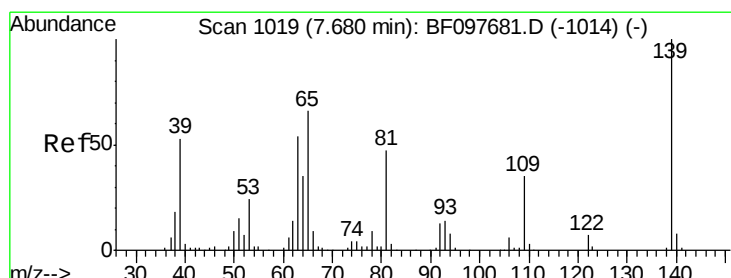
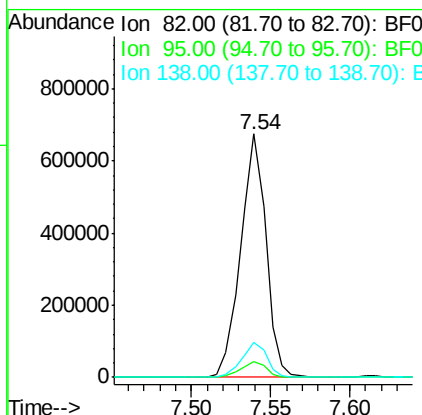
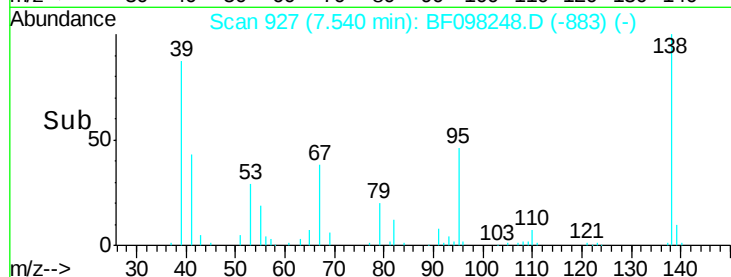
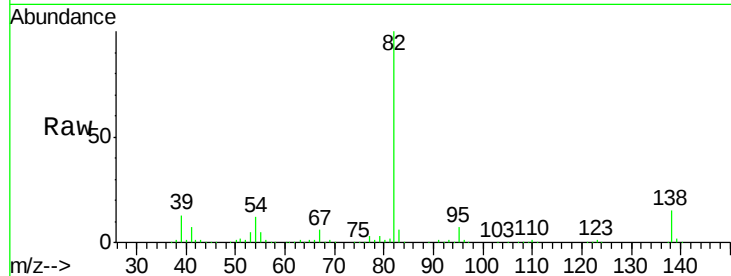
#25
Isophorone
Concen: 46.019 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.7	5.3	7.9
138	14.5	13.1	19.7

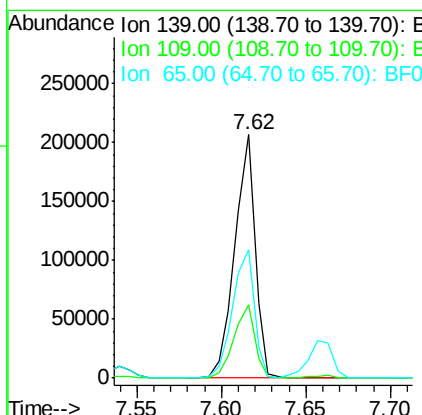
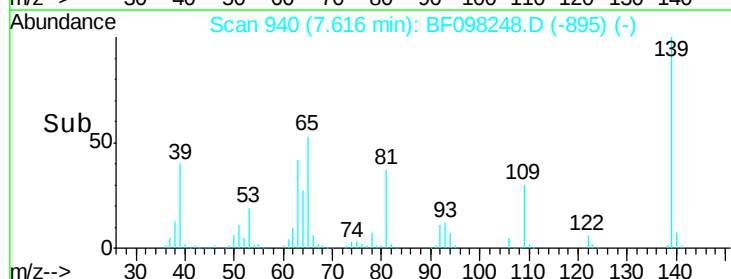
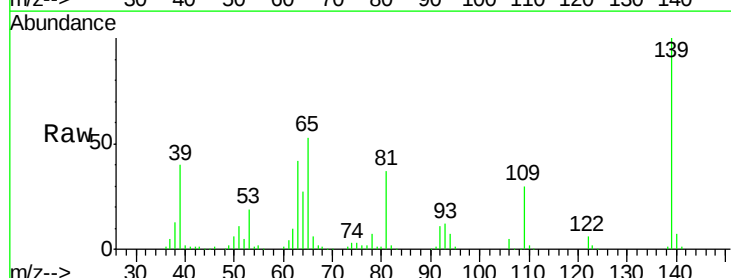
Manual Integrations
APPROVED

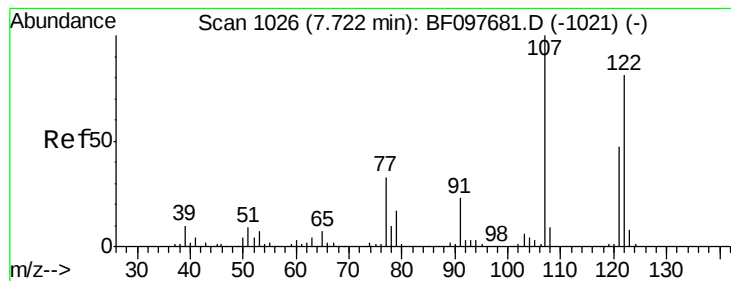
mohammad
9/5/2017 4:54:55 PM



#26
2-Nitrophenol
Concen: 54.442 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	30.0	21.0	31.6
65	52.8	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 44.834 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

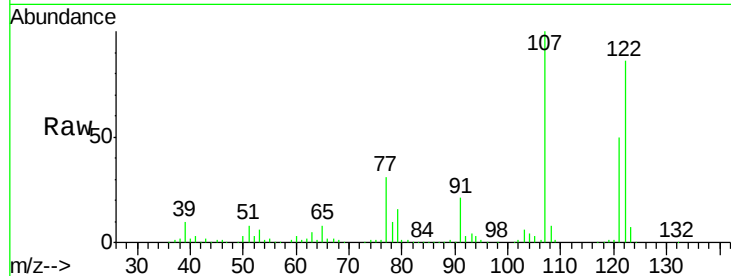
ClientSampleId :

SB-14-COMPMS

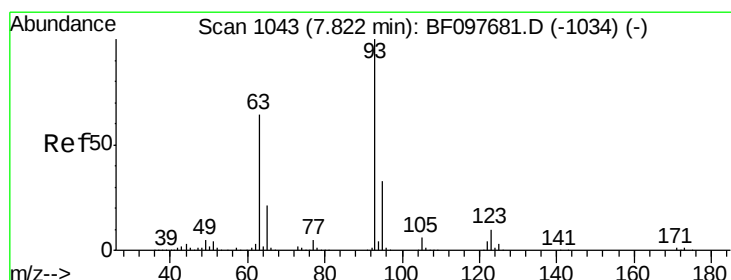
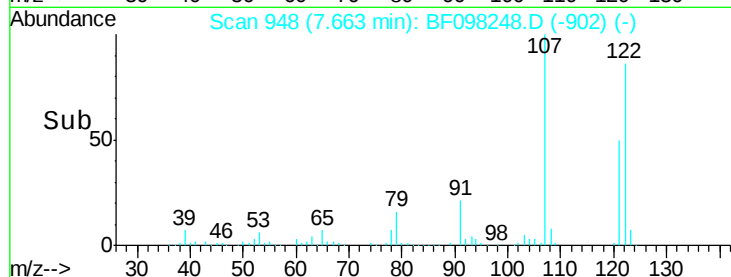
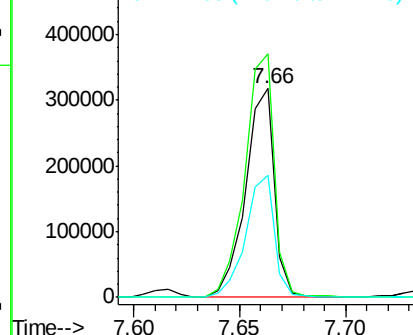
Tgt Ion:	122	Resp:	303566
Ion Ratio	Lower	Upper	
122	100		
107	116.7	89.2	133.8
121	58.2	45.2	67.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.209 ng

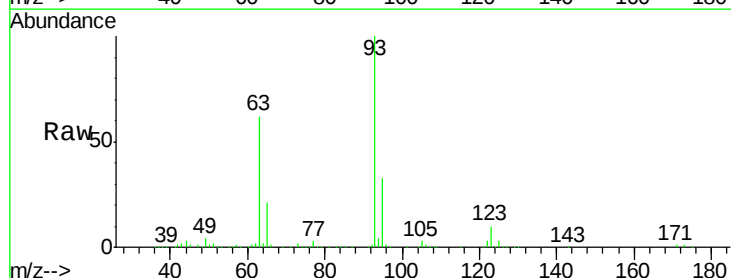
RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

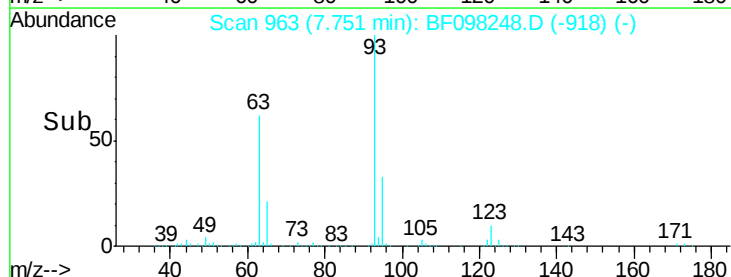
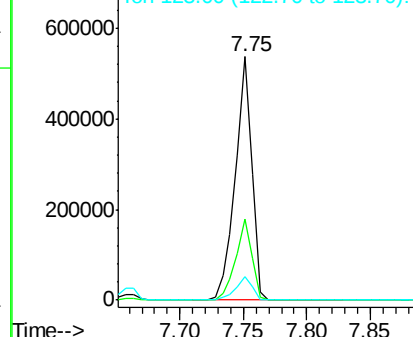
Lab File: BF098248.D

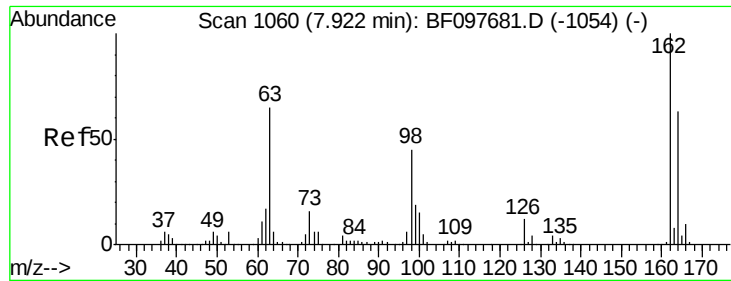
Acq: 2 Sep 2017 16:19

Tgt Ion:	93	Resp:	482532
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	9.7	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





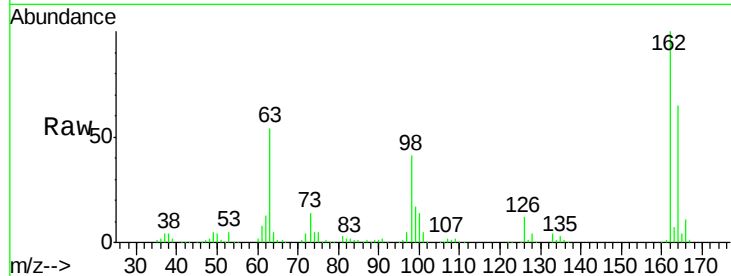
#29
2,4-Dichlorophenol
Concen: 45.419 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

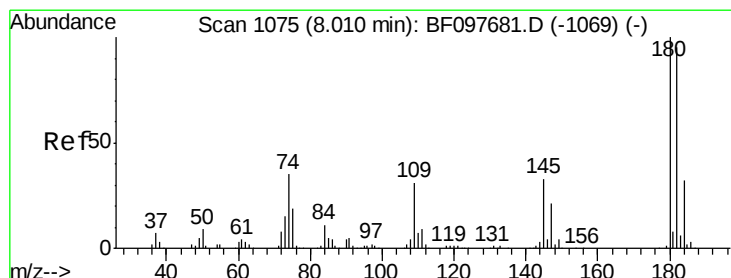
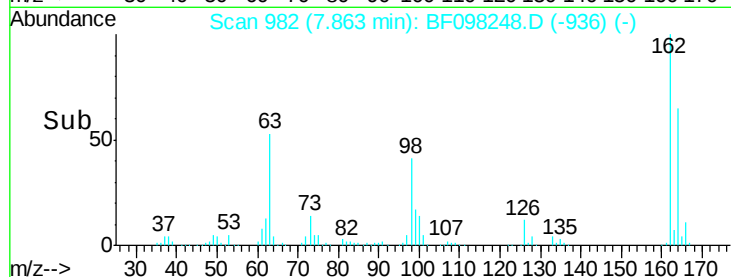
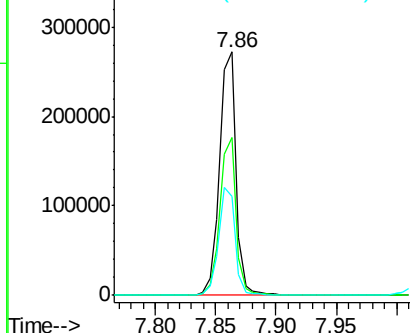
Tgt Ion:	162	Resp:	255276
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.6	84.6
98	40.6	14.8	54.8

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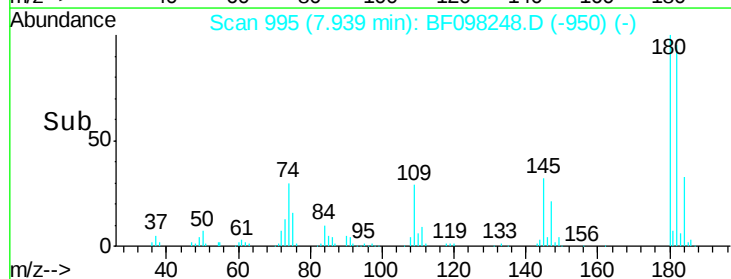
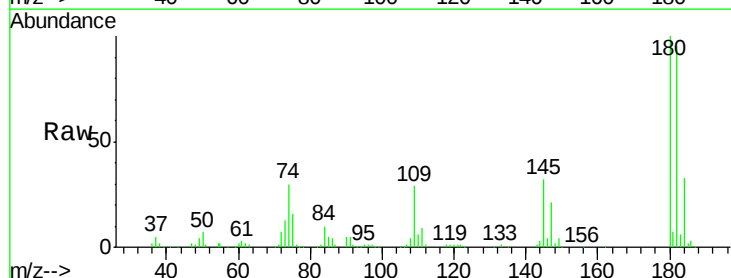
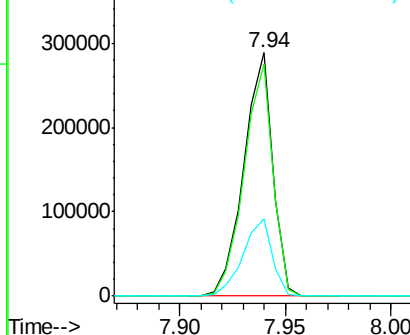
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

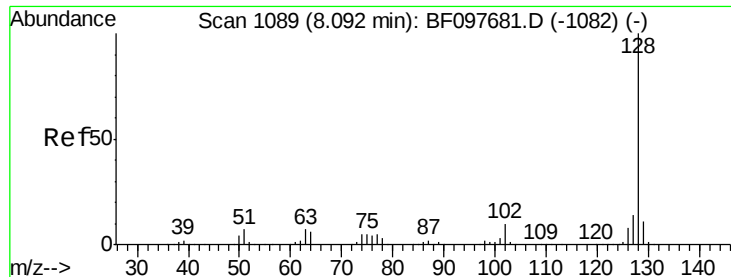


#30
1,2,4-Trichlorobenzene
Concen: 44.119 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion:	180	Resp:	274892
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.8	113.6
145	31.8	25.3	37.9

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





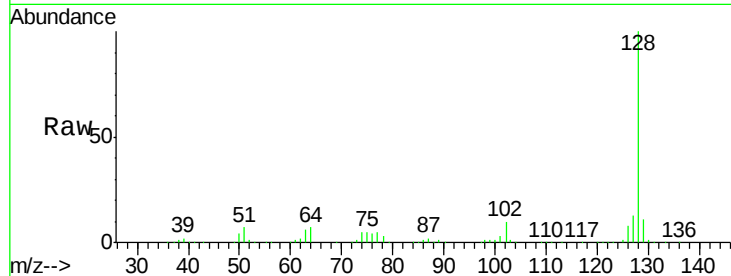
#31
Naphthalene
Concen: 46.778 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

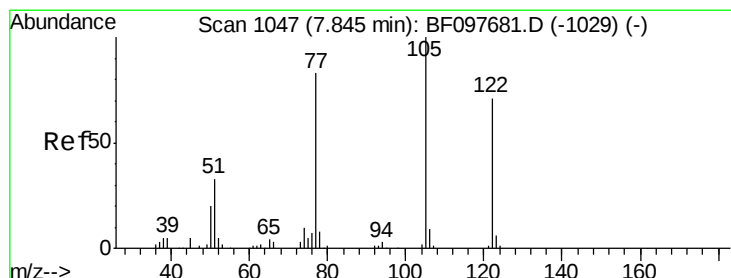
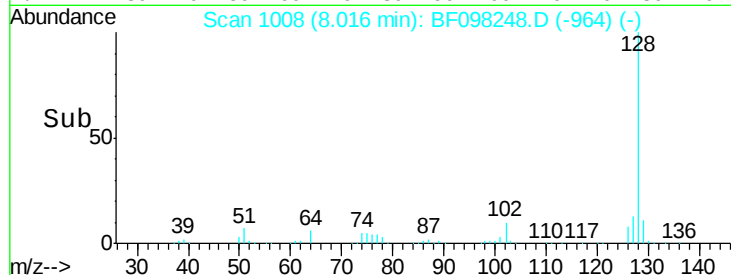
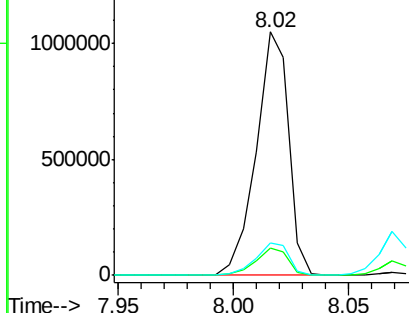
Tgt Ion:128 Resp: 1030034
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.5 10.8 16.2

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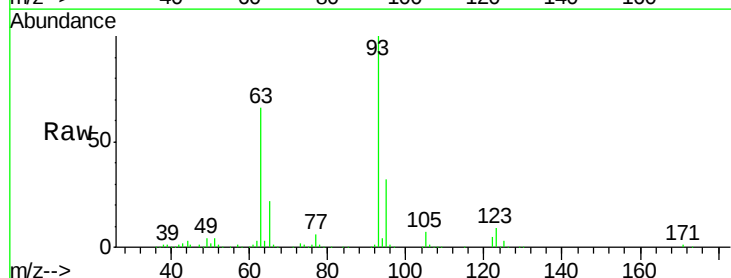


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

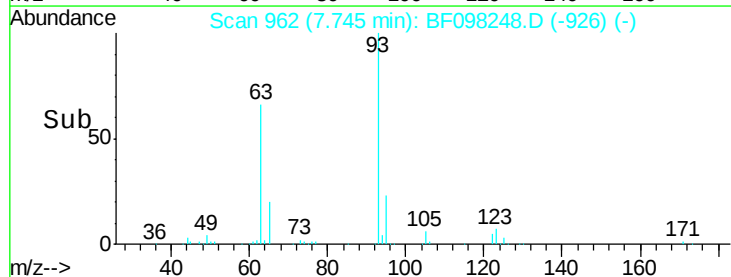
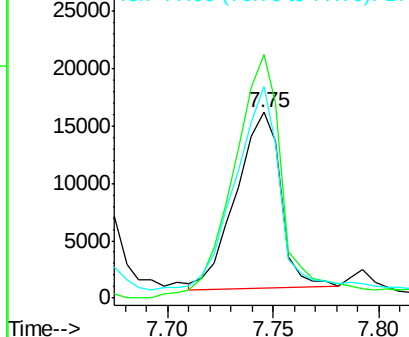


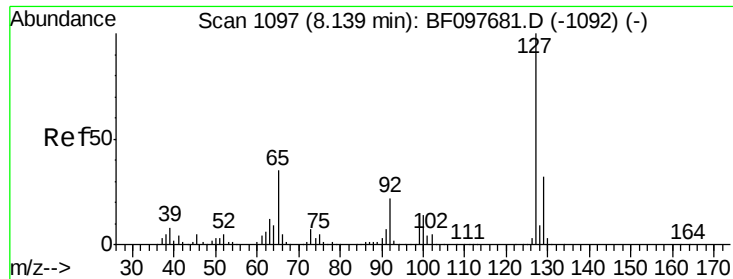
#32
Benzoic acid
Concen: 10.392 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion:122 Resp: 22702
Ion Ratio Lower Upper
122 100
105 131.3 103.3 143.3
77 114.1 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





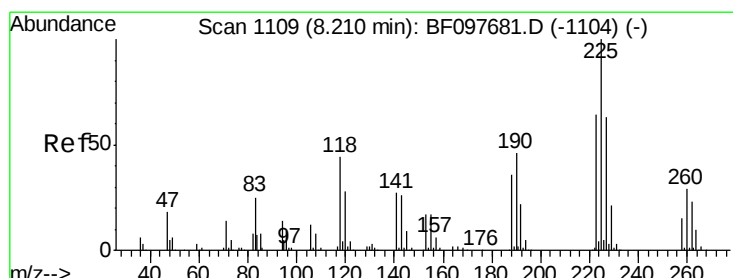
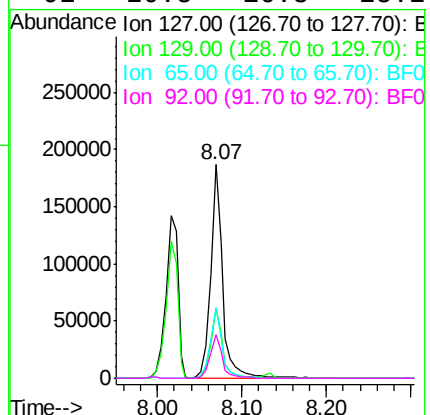
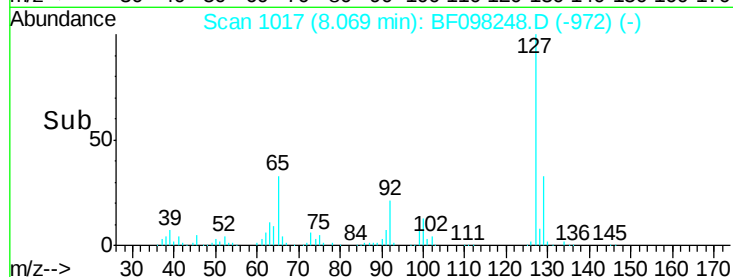
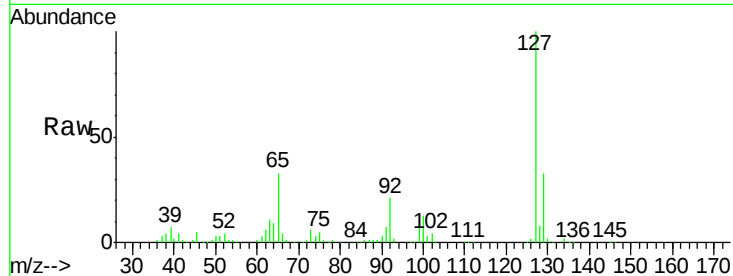
#33
4-Chloroaniline
Concen: 19.659 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	182568		
129	32.9	26.2	39.2	
65	33.2	27.8	41.8	
92	20.5	16.8	25.2	

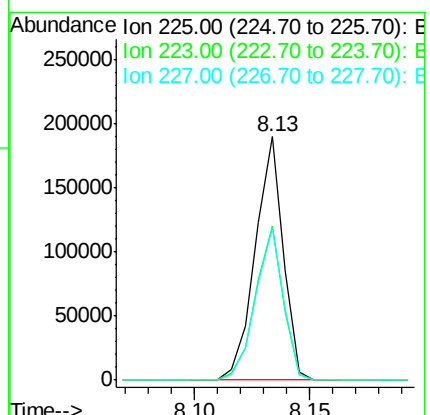
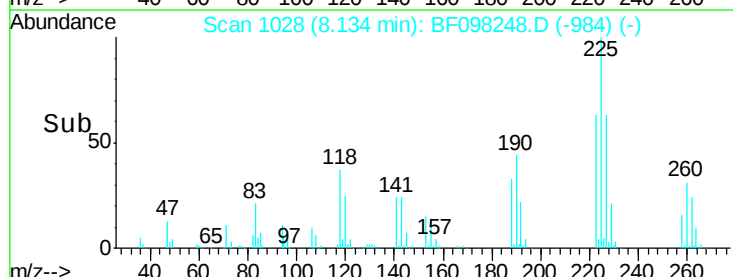
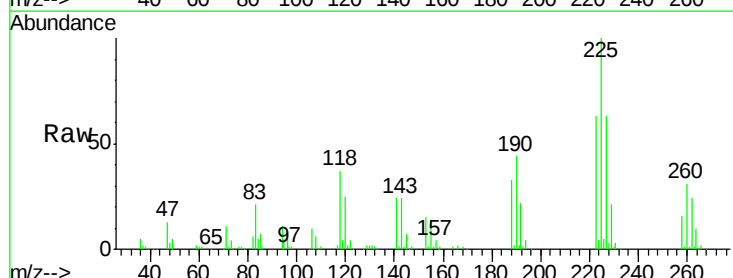
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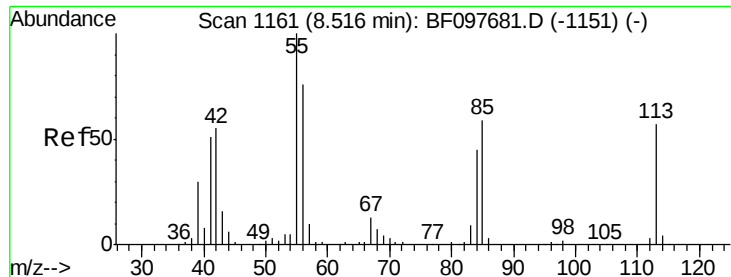
mohammad
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#34
Hexachlorobutadiene
Concen: 44.140 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	160575		
223	63.2	48.8	73.2	
227	62.9	51.1	76.7	





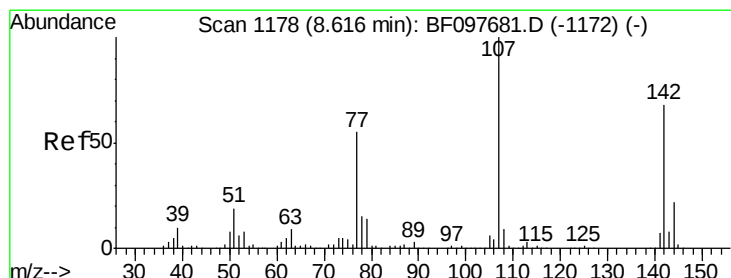
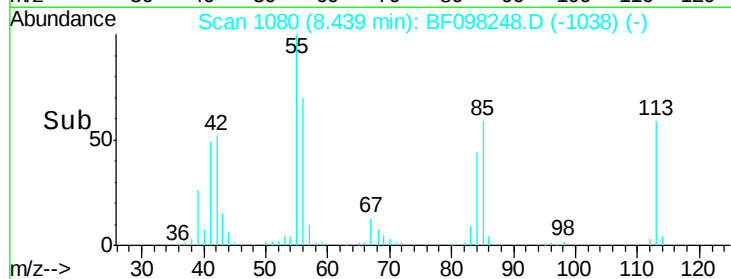
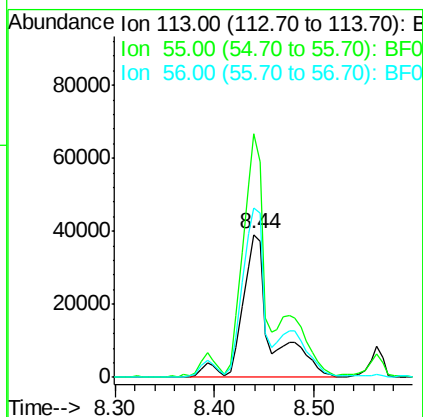
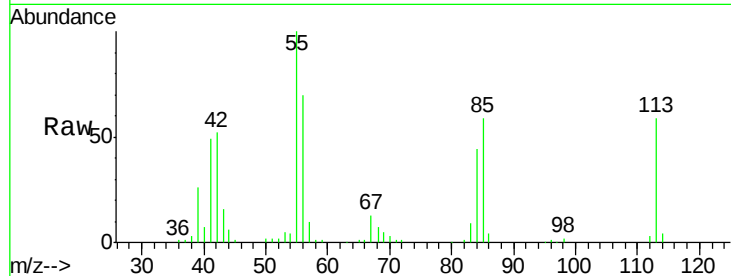
#35
 Caprolactam
 Concen: 41.505 ng m
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.05 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion:113 Resp: 79305
 Ion Ratio Lower Upper
 113 100
 55 170.2 150.2 190.2
 56 118.8 107.8 147.8

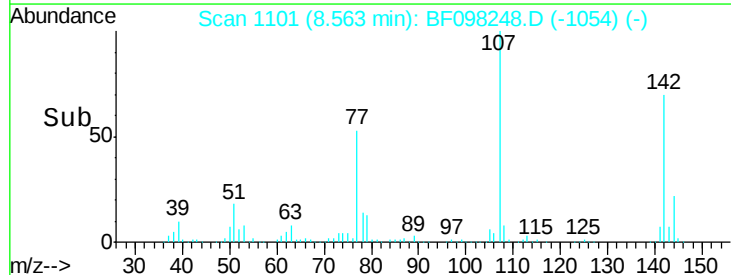
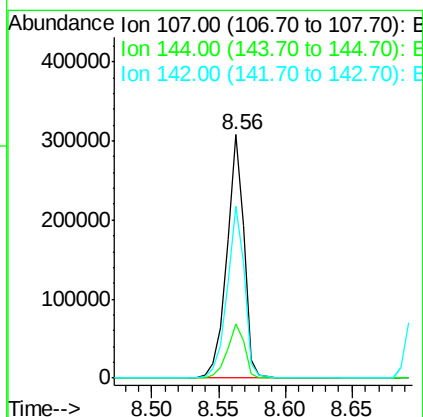
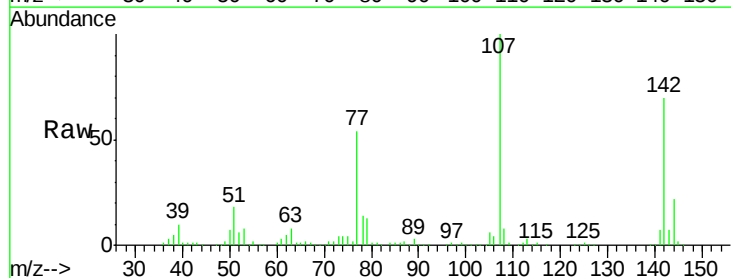
Manual Integrations
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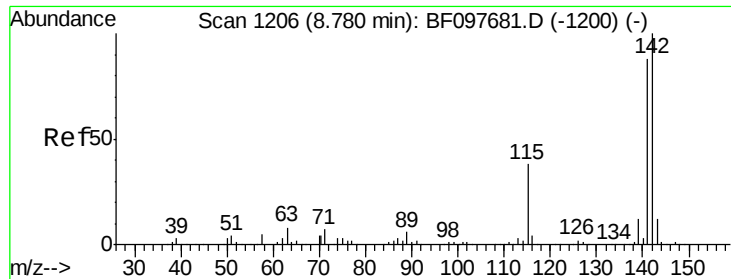
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#36
 4-Chloro-3-methylphenol
 Concen: 38.872 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion:107 Resp: 280705
 Ion Ratio Lower Upper
 107 100
 144 22.0 24.2 36.4#
 142 70.4 73.4 110.0#





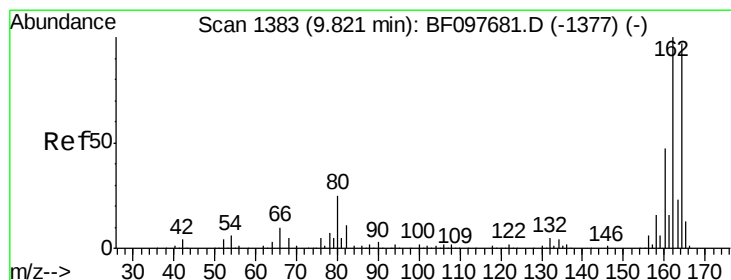
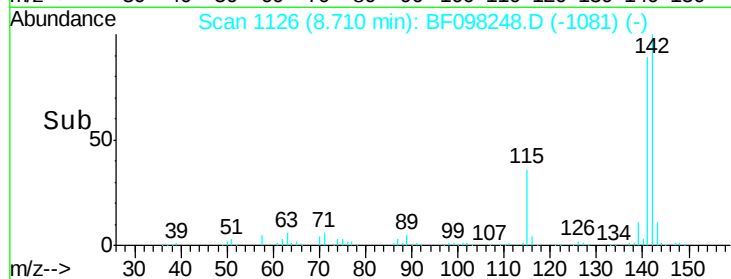
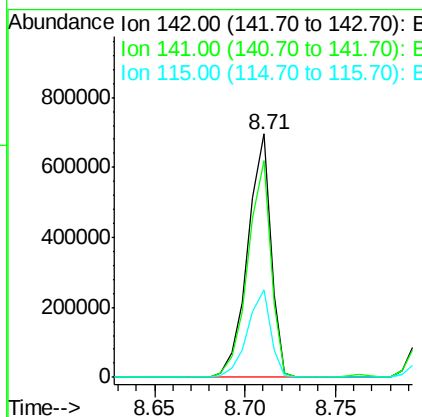
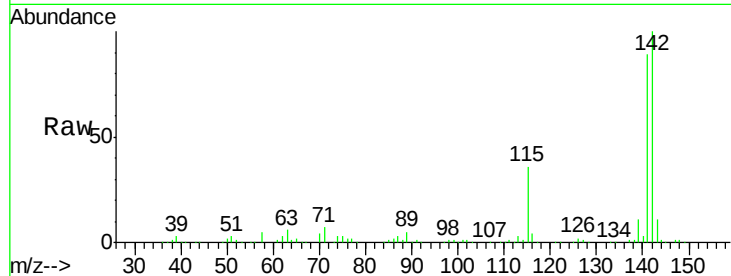
#37
 2-Methylnaphthalene
 Concen: 46.012 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	621174		
141	88.8	71.3	106.9	
115	35.7	27.1	40.7	

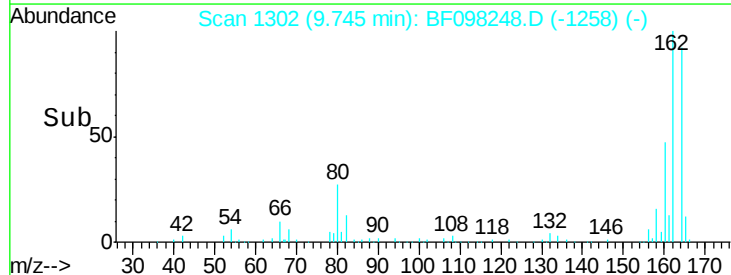
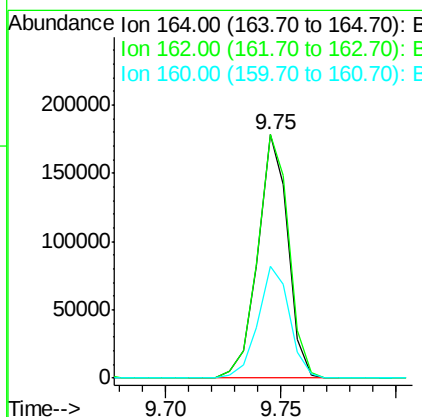
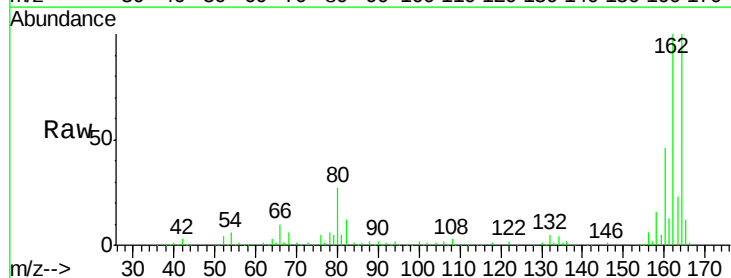
Manual Integrations
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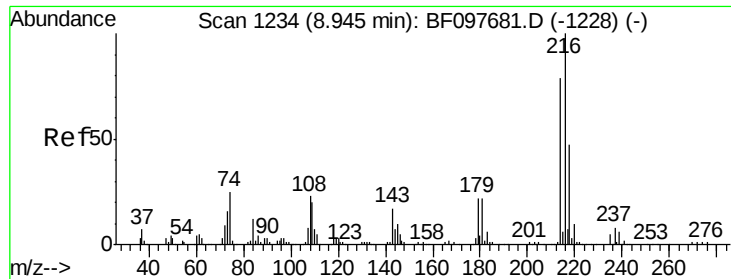
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	162067		
162	100.0	82.6	123.8	
160	46.2	36.2	54.2	





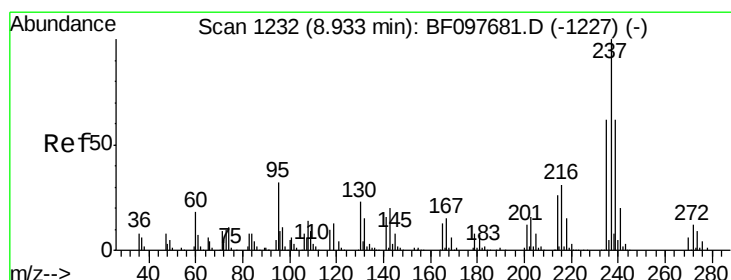
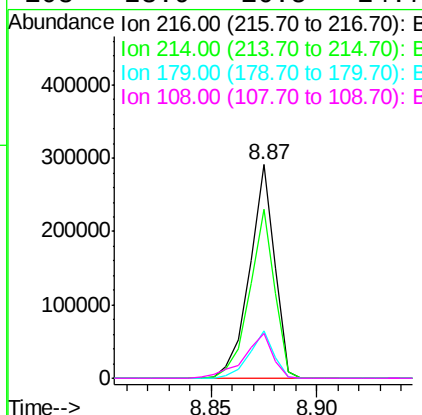
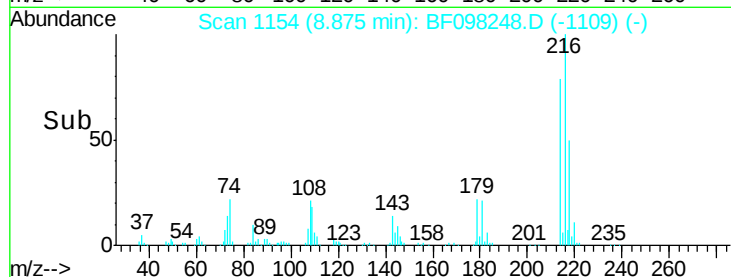
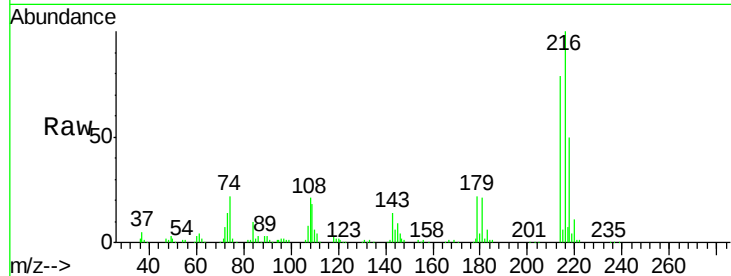
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.449 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	240976		
214	79.0	63.4	95.2	
179	21.9	17.9	26.9	
108	23.9	16.5	24.7	

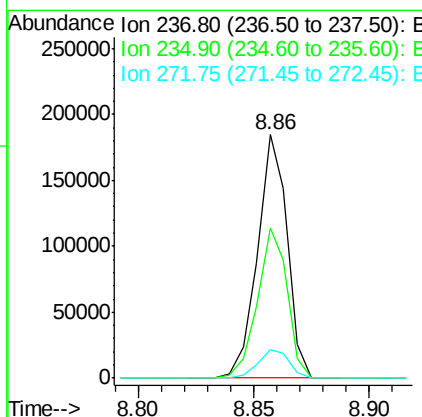
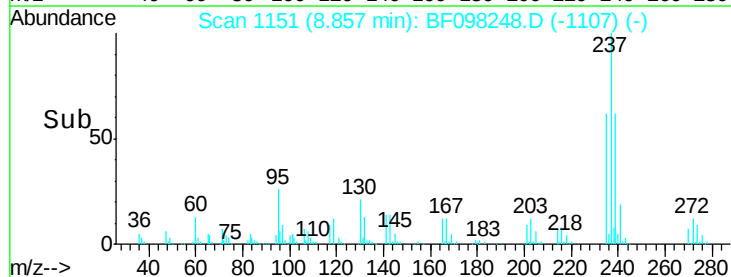
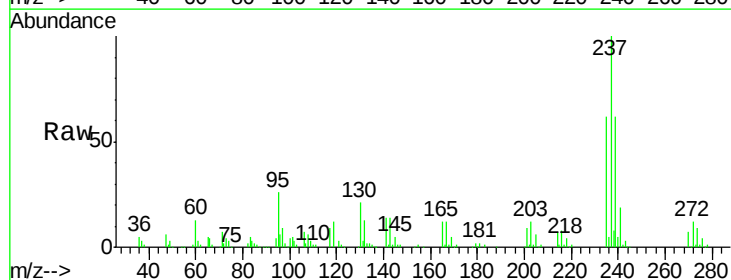
Manual Integrations
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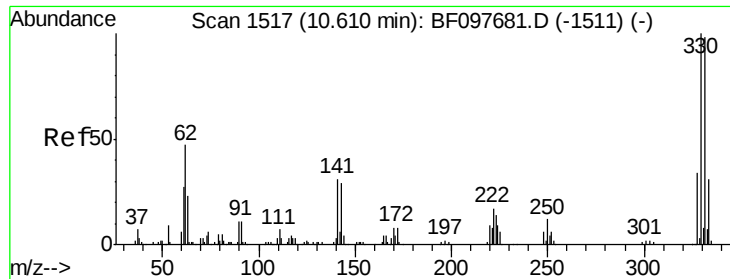
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 69.165 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	165266		
235	61.7	42.6	82.6	
272	11.8	0.0	31.9	





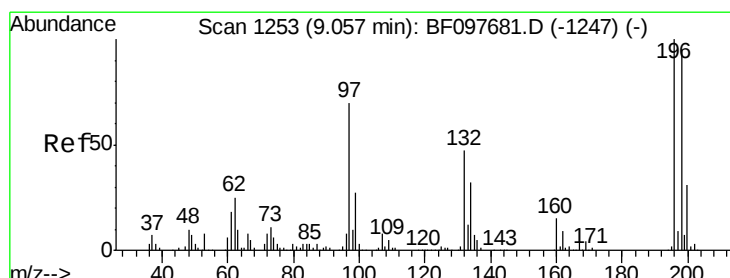
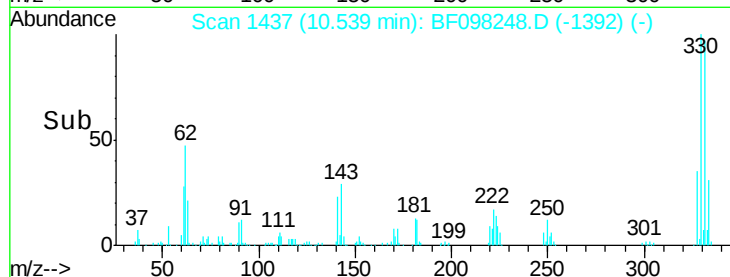
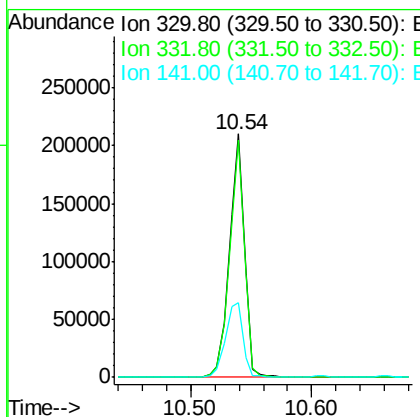
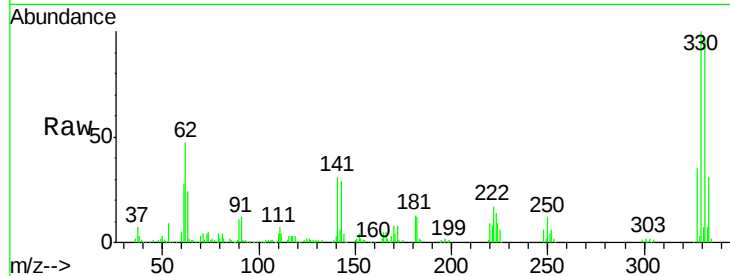
#41
 2,4,6-Tribromophenol
 Concen: 129.430 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	182004		
332	97.2	76.6	115.0	
141	36.3	31.4	47.2	

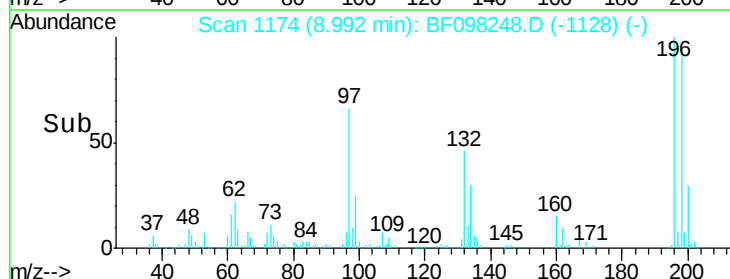
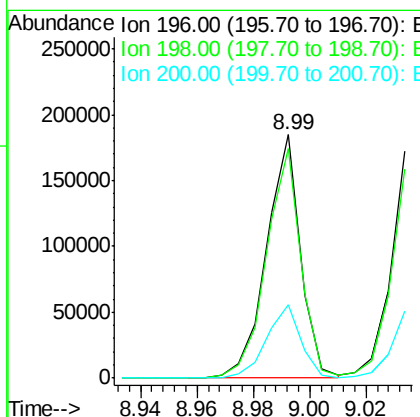
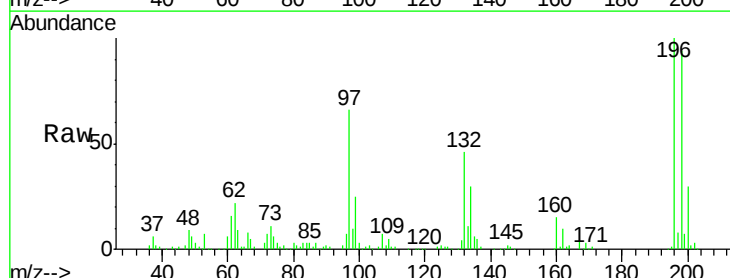
Manual Integrations
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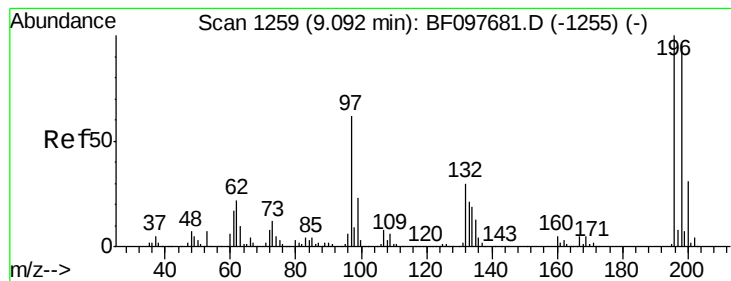
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 46.140 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154074		
198	94.4	74.2	111.4	
200	30.1	24.0	36.0	





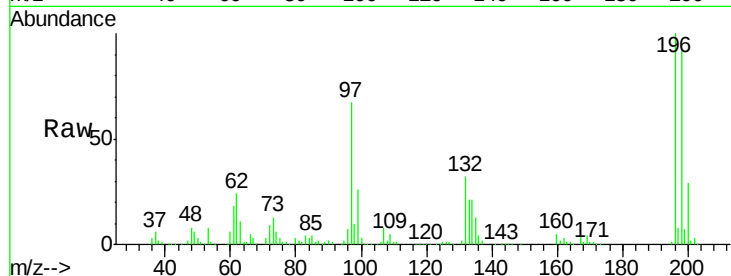
#43
 2,4,5-Trichlorophenol
 Concen: 46.359 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153579		
198	92.0	75.7	113.5	
97	67.4	47.7	71.5	
132	32.4	28.0	42.0	

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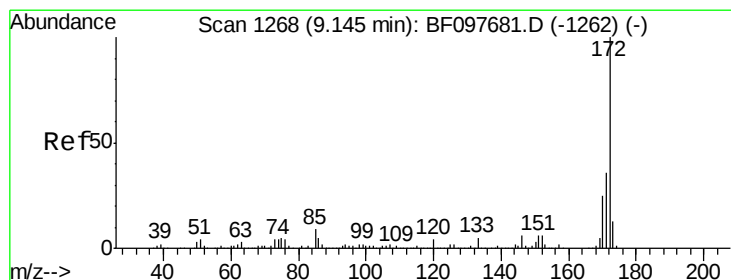
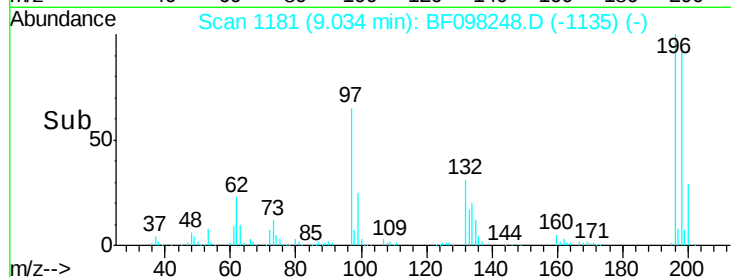
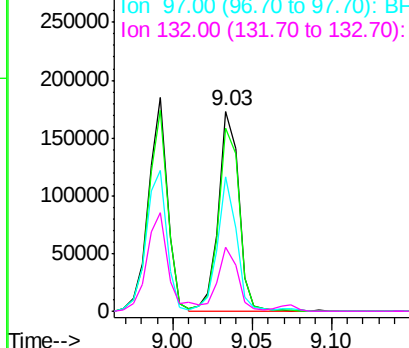
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.558 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

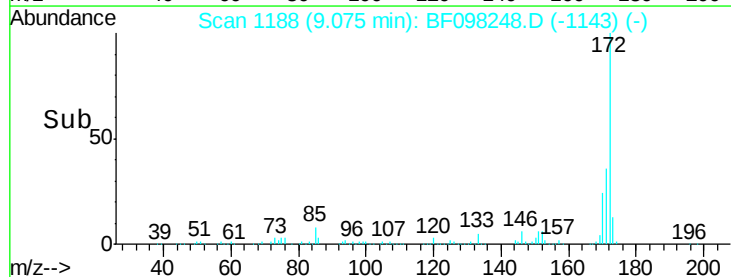
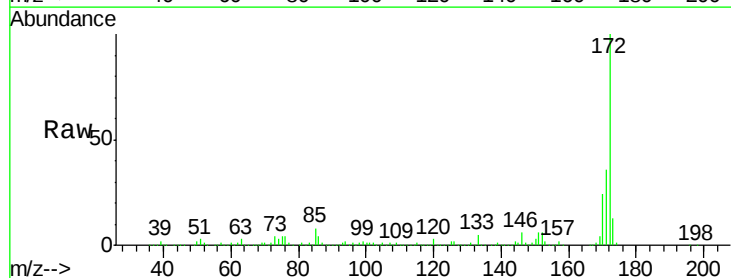
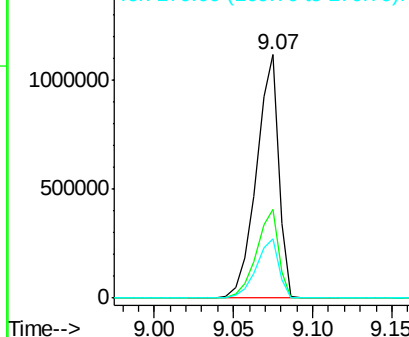
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1098219		
171	36.5	29.6	44.4	
170	24.1	19.8	29.8	

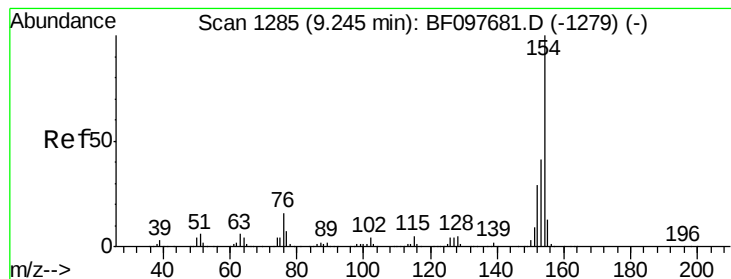
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.390 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

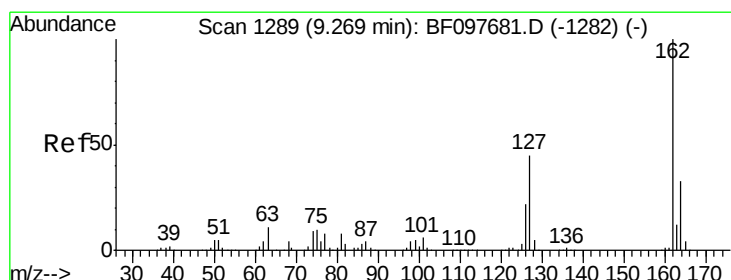
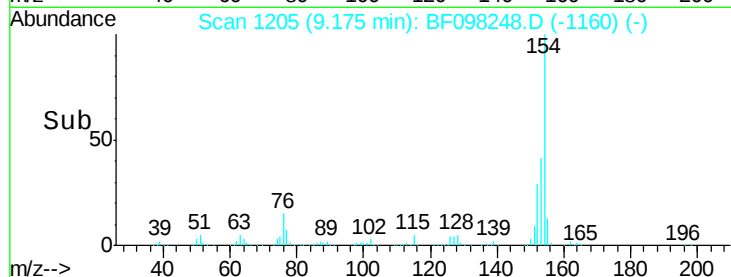
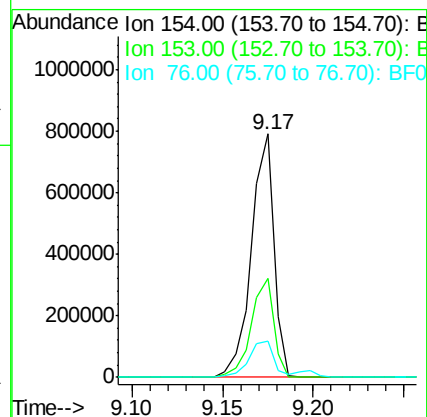
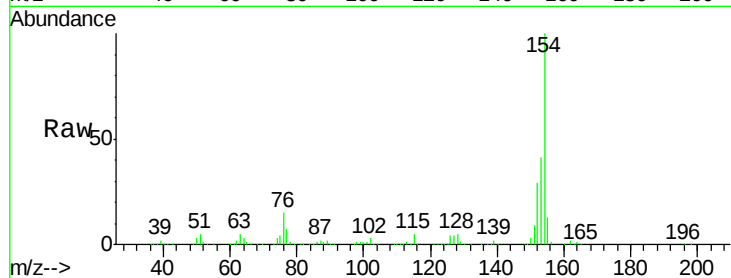
ClientSampleId :

SB-14-COMPMS

Tgt Ion:	154	Resp:	685600
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.2	61.2
76	15.0	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 45.219 ng

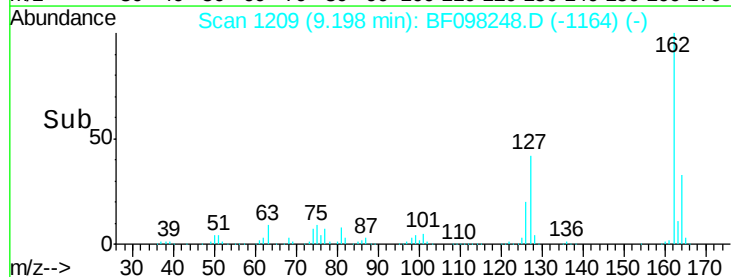
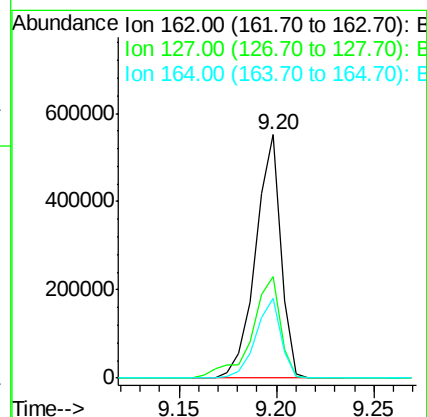
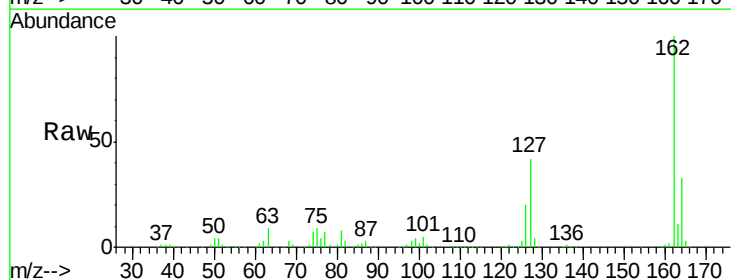
RT: 9.20 min Scan# 1209

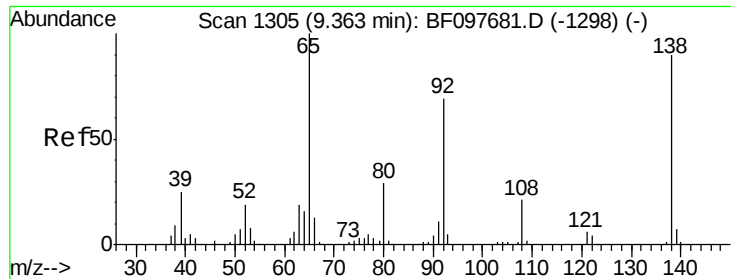
Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion:	162	Resp:	493789
Ion Ratio	Lower	Upper	
162	100		
127	41.9	28.3	42.5
164	32.9	27.0	40.4





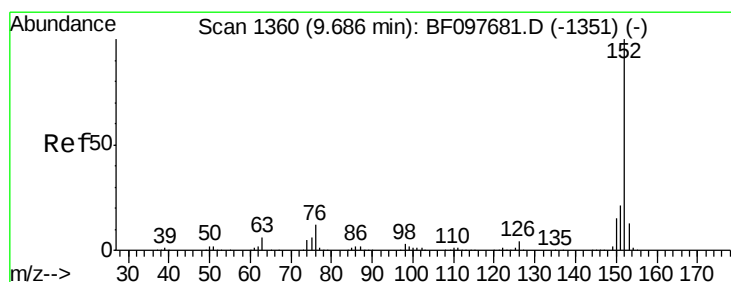
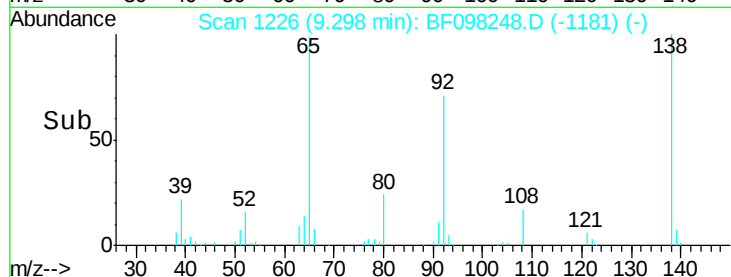
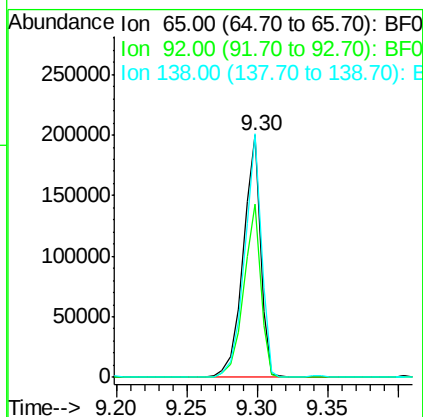
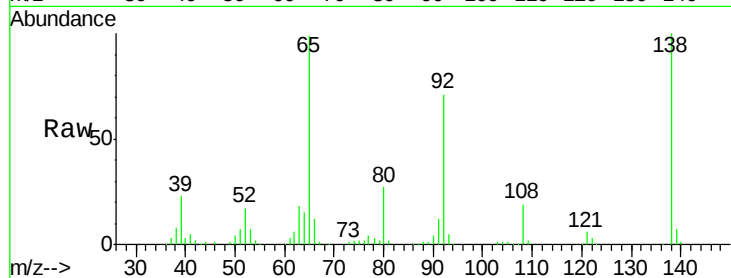
#47
2-Nitroaniline
Concen: 47.025 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	100.5	78.8	118.2

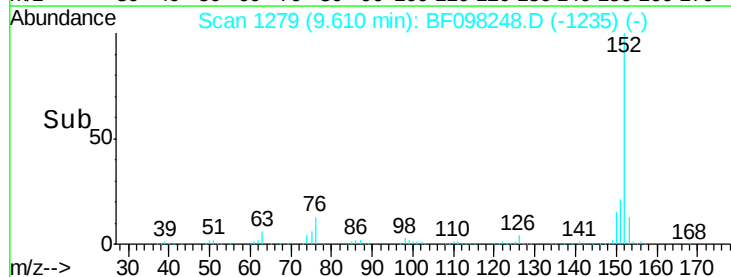
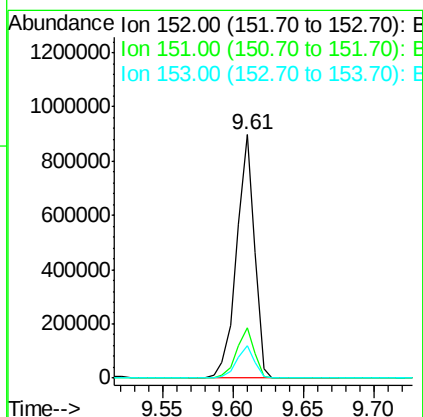
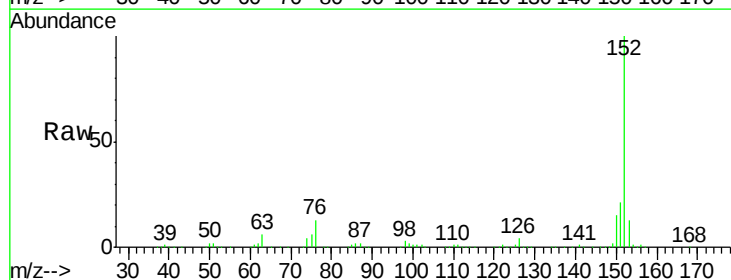
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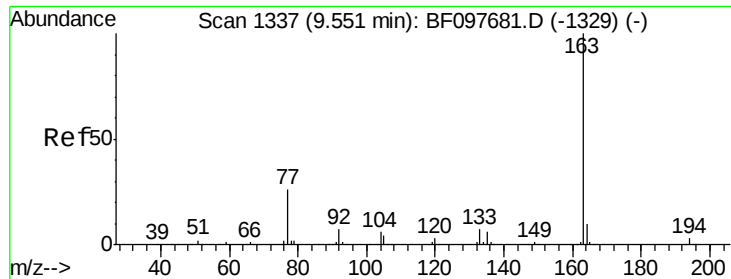
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#48
Acenaphthylene
Concen: 45.899 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.8	16.2





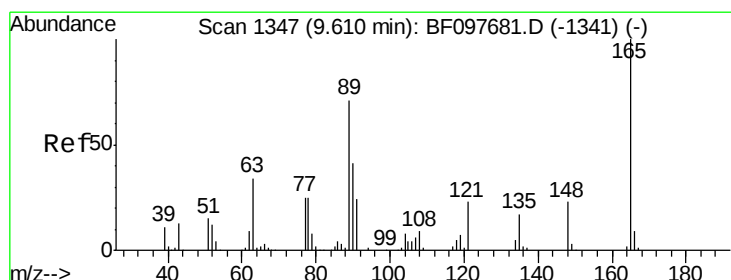
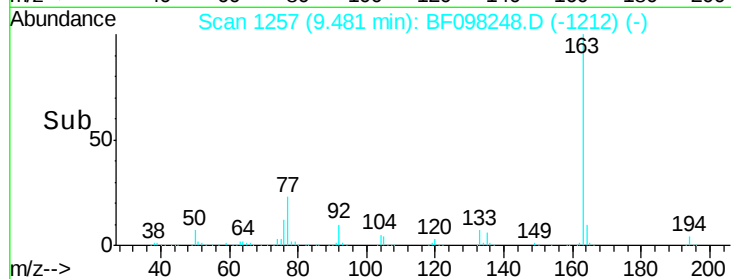
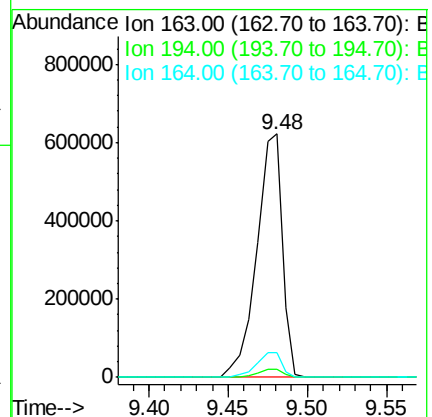
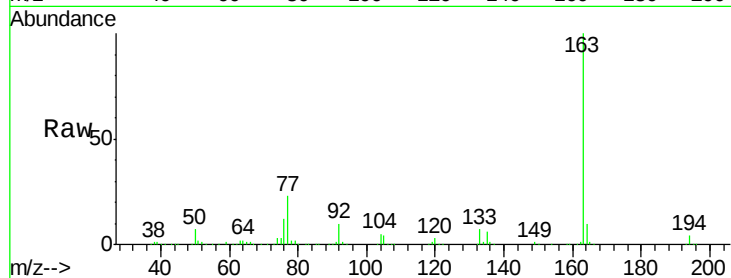
#49
Dimethylphthalate
Concen: 59.260 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

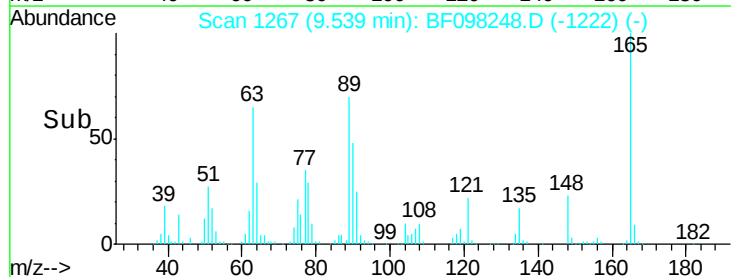
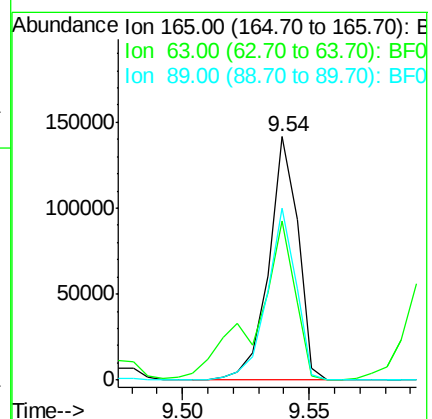
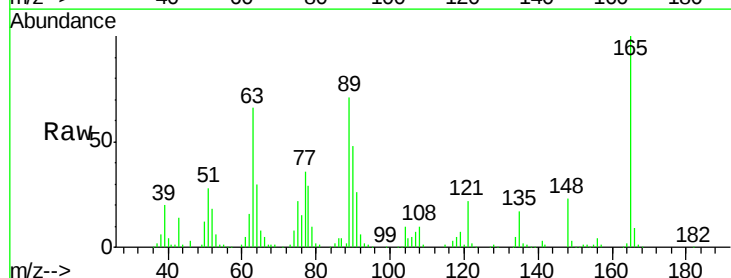
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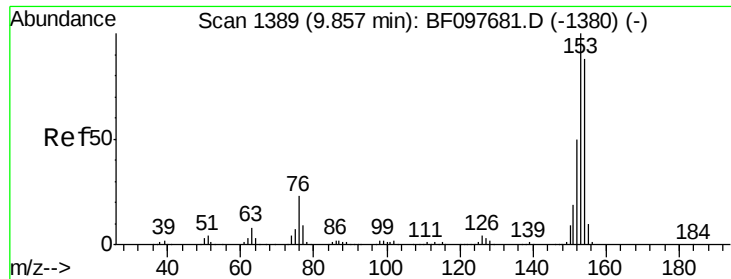
mohammad
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#50
2,6-Dinitrotoluene
Concen: 48.586 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	65.6	34.3	51.5#
89	70.5	37.1	55.7#





#51

Acenaphthene

Concen: 47.432 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.04 min

Lab File: BF098248.D

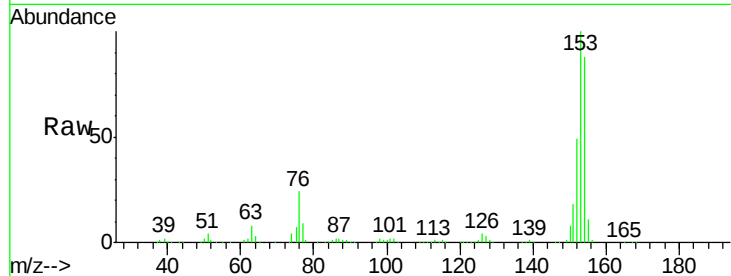
Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

ClientSampleId :

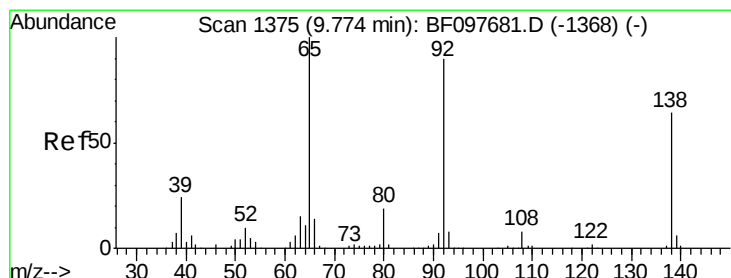
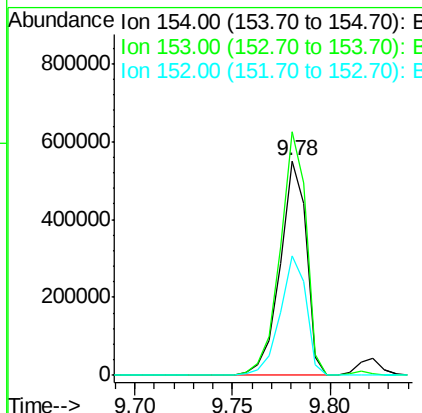
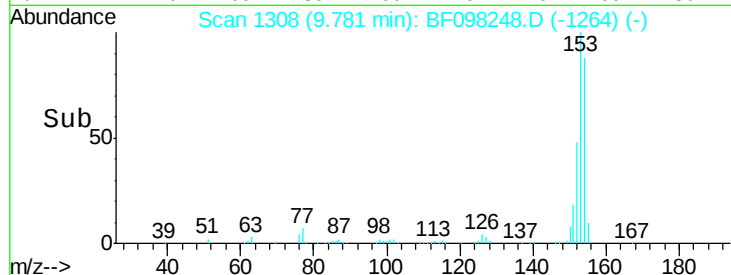
SB-14-COMPMS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.5	135.7
152	55.7	43.6	65.4

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#52

3-Nitroaniline

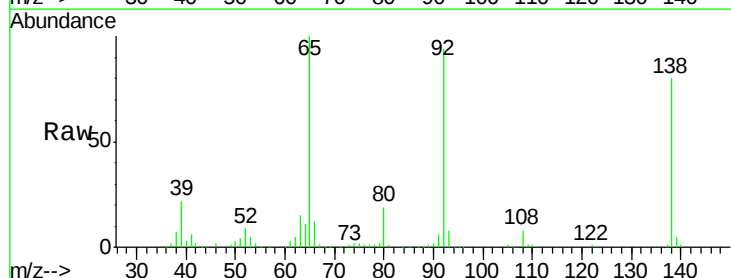
Concen: 33.012 ng

RT: 9.71 min Scan# 1296

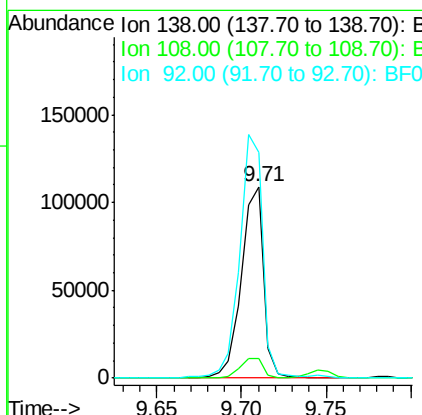
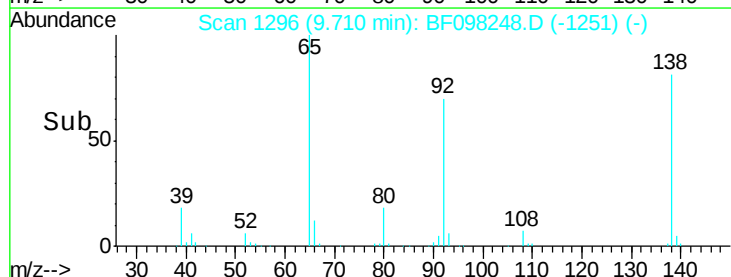
Delta R.T. -0.04 min

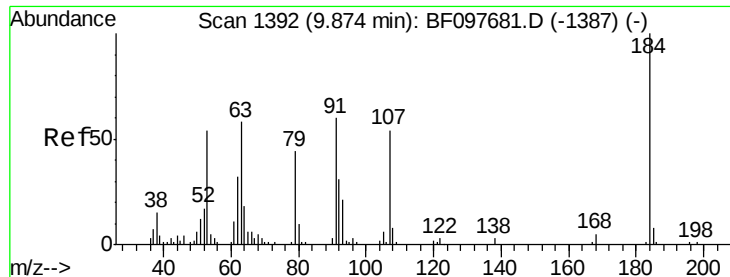
Lab File: BF098248.D

Acq: 2 Sep 2017 16:19



Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	117.7	93.8	140.6





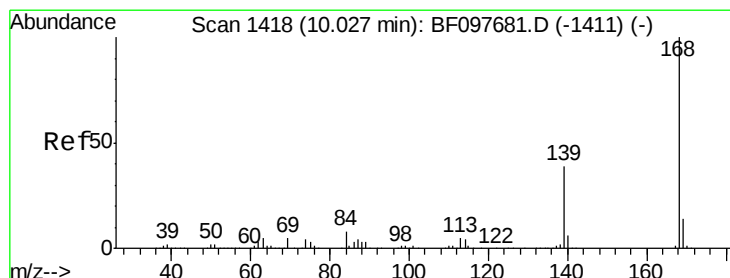
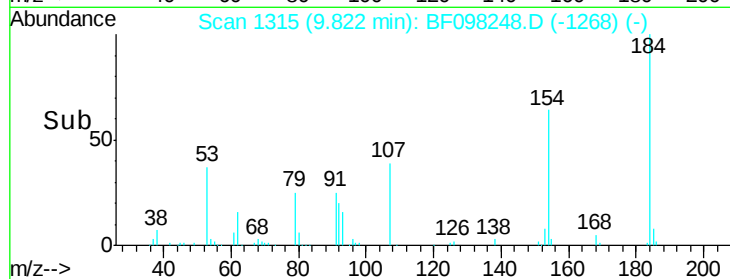
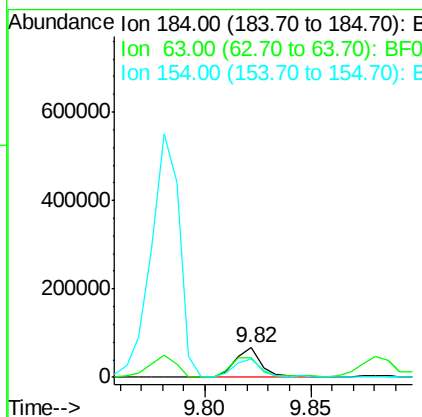
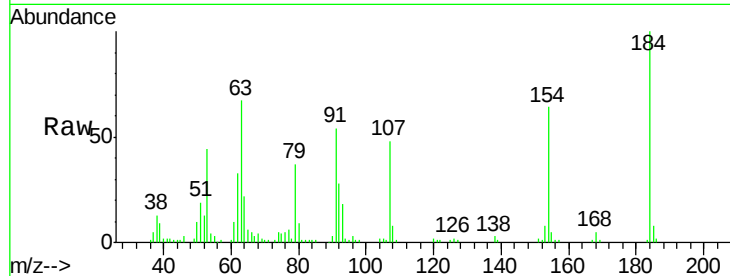
#53
 2,4-Dinitrophenol
 Concen: 55.978 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion:	184	Resp:	59044
Ion Ratio	Lower	Upper	
184	100		
63	67.3	62.7	94.1
154	63.5	81.1	121.7#

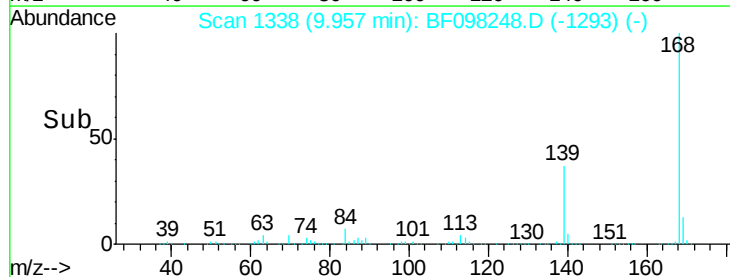
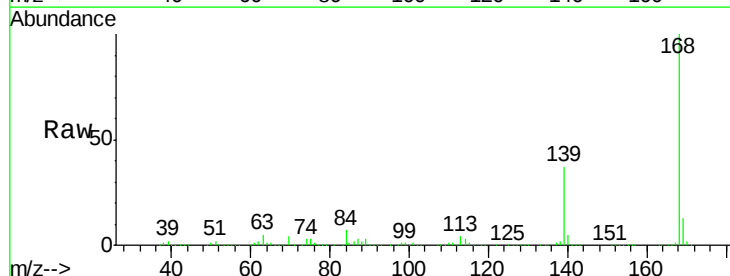
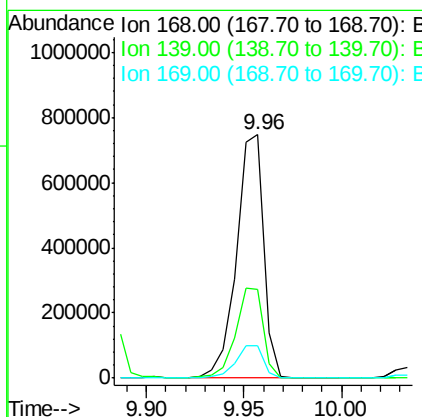
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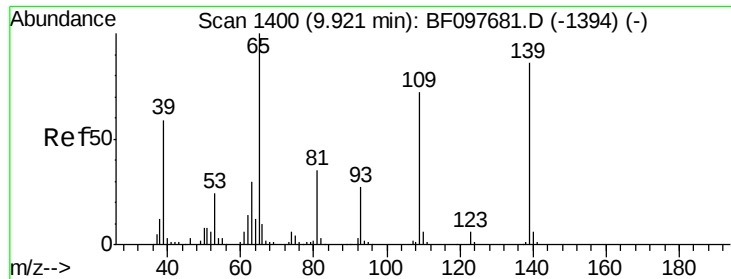
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#54
 Dibenzofuran
 Concen: 49.568 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion:	168	Resp:	718470
Ion Ratio	Lower	Upper	
168	100		
139	36.7	30.6	45.8
169	13.4	10.8	16.2





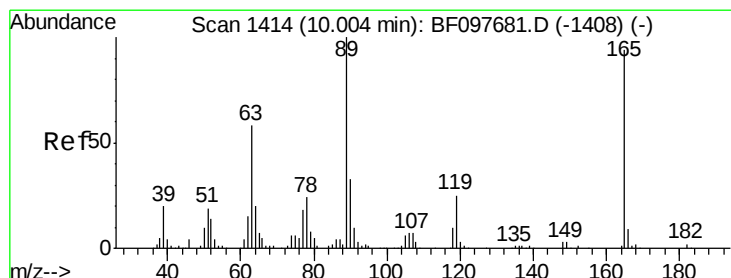
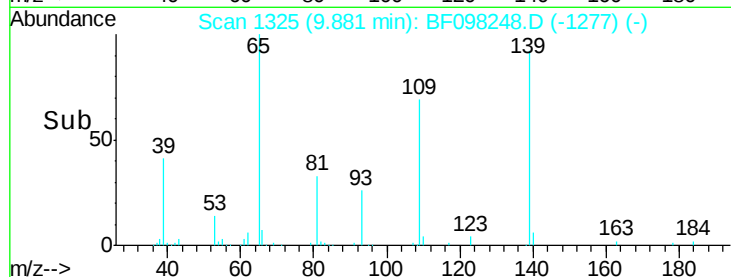
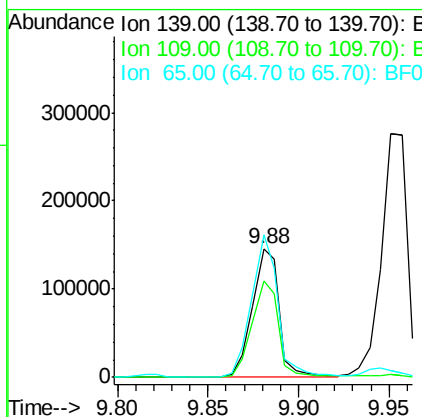
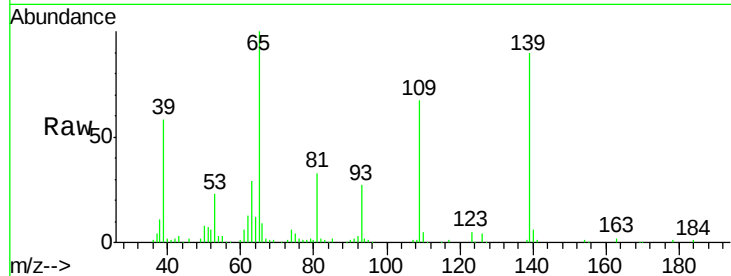
#55
4-Nitrophenol
Concen: 61.949 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.8	34.1	74.1#	
65	111.1	31.4	71.4#	

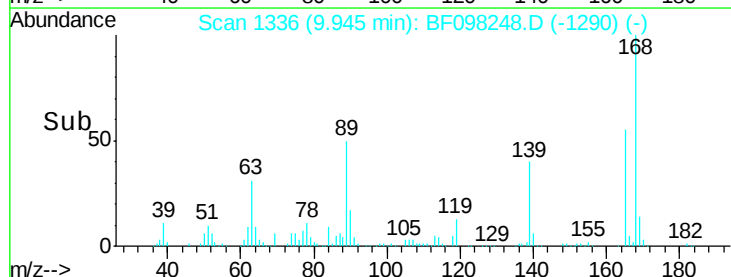
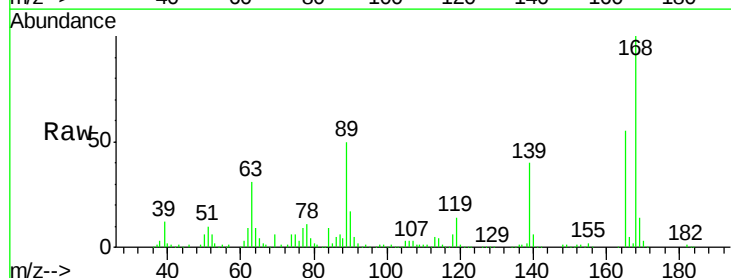
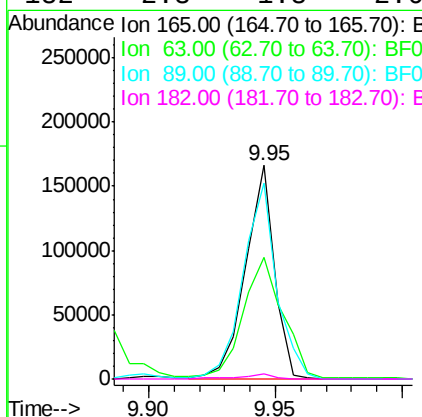
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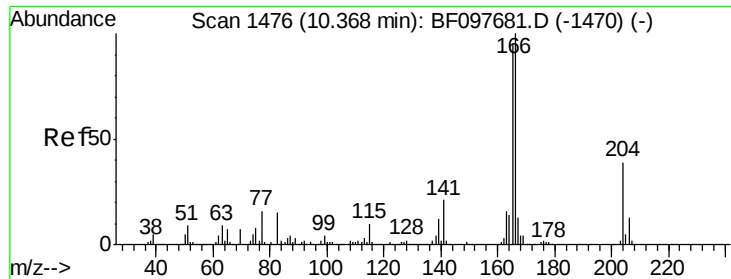
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#56
2,4-Dinitrotoluene
Concen: 44.578 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.8	25.4	38.0#	
89	91.6	46.4	69.6#	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 47.683 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

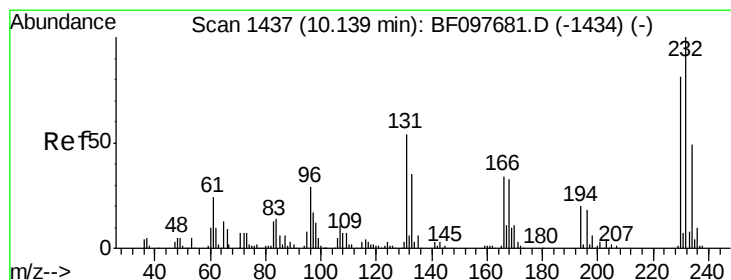
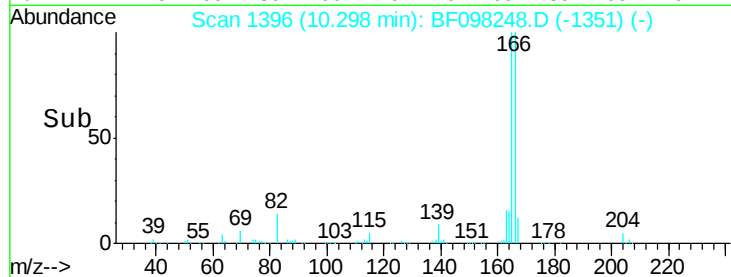
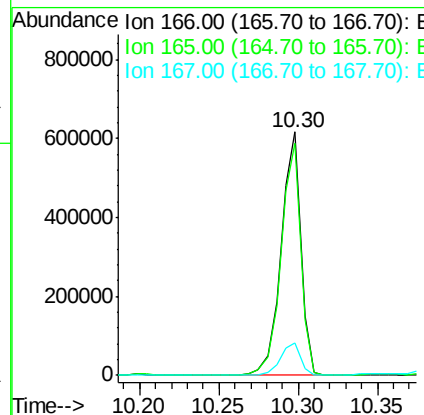
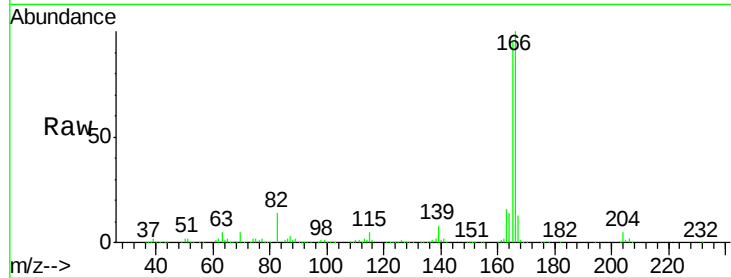
ClientSampleId :

SB-14-COMPMS

Tgt Ion:	166	Resp:	534359
Ion Ratio	Lower	Upper	
166	100		
165	95.3	78.8	118.2
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.764 ng

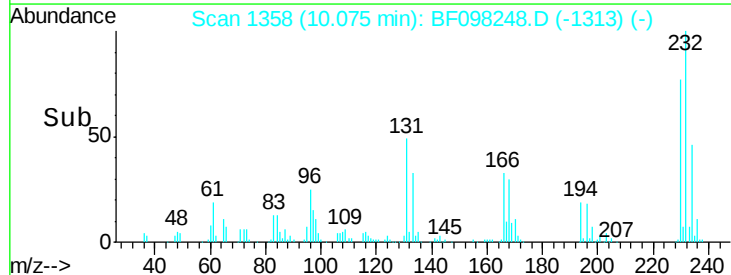
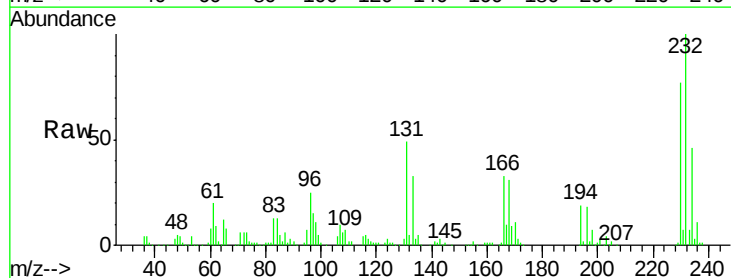
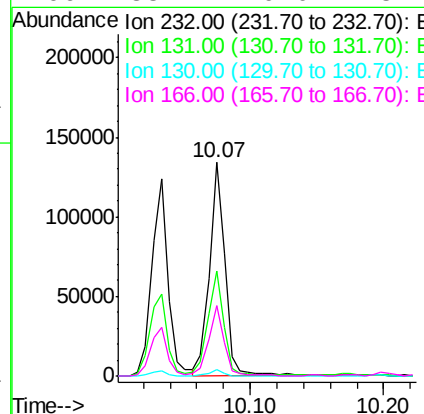
RT: 10.07 min Scan# 1358

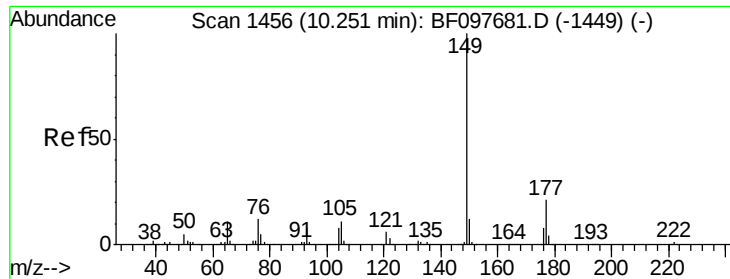
Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion:	232	Resp:	109684
Ion Ratio	Lower	Upper	
232	100		
131	52.0	44.8	67.2
130	2.8	2.3	3.5
166	33.2	29.0	43.4





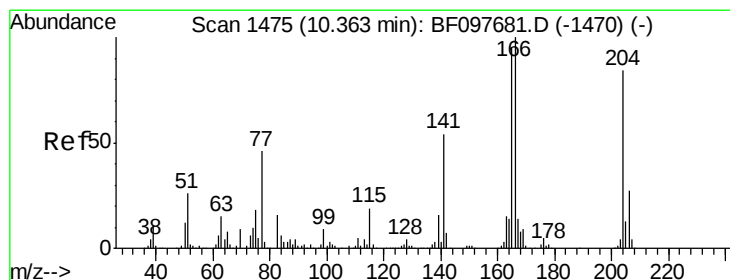
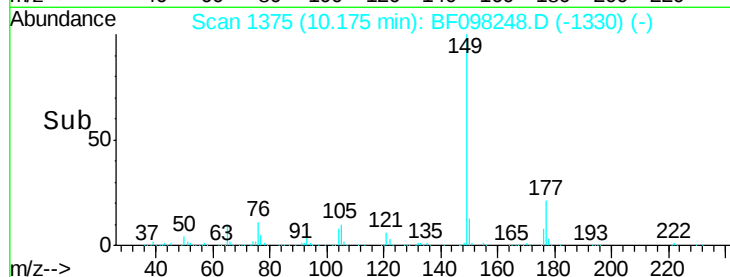
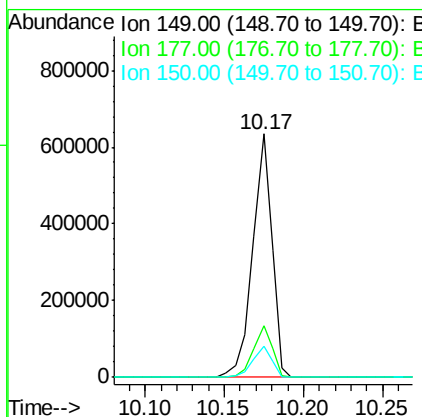
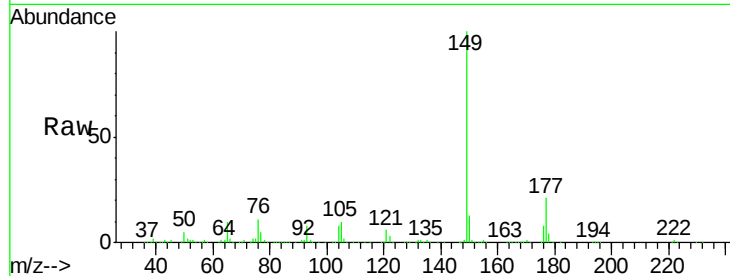
#59
Diethylphthalate
Concen: 43.212 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	535328		
177	21.3	16.7	25.1	
150	12.8	10.2	15.2	

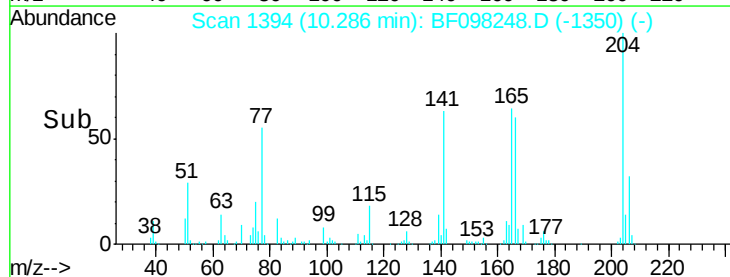
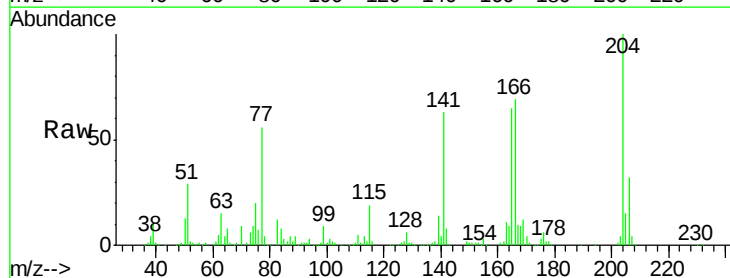
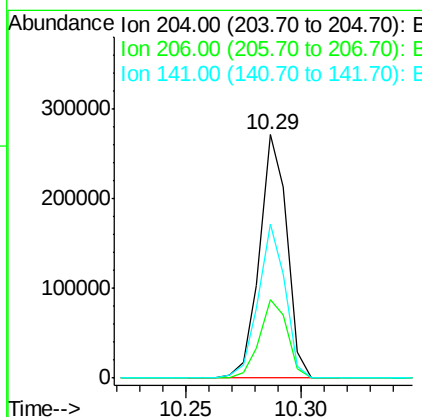
Manual Integrations
APPROVED

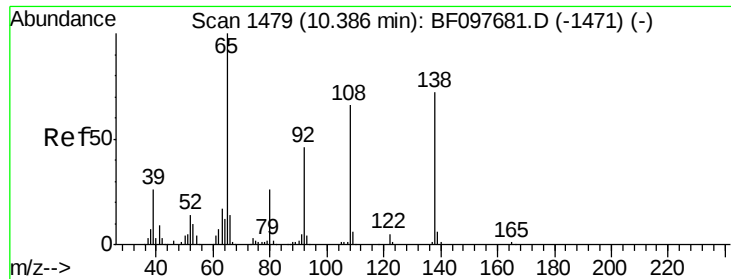
mohammad
9/5/2017 4:54:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.437 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	226138		
206	32.1	26.2	39.2	
141	63.1	60.8	91.2	





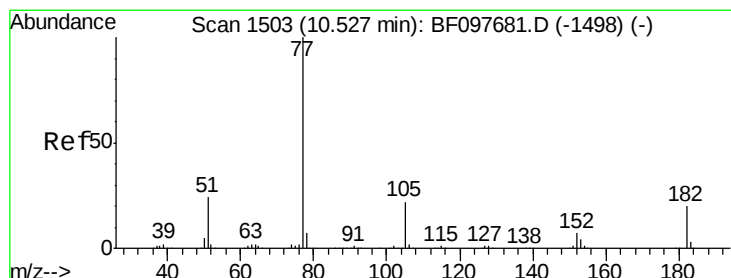
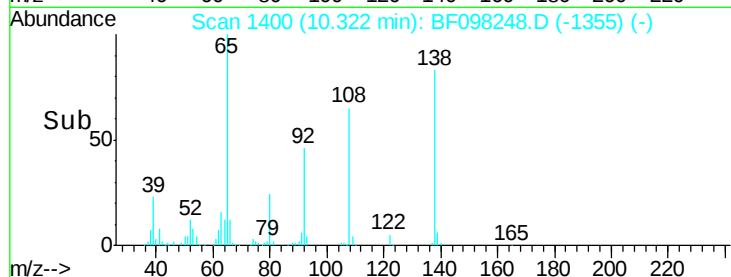
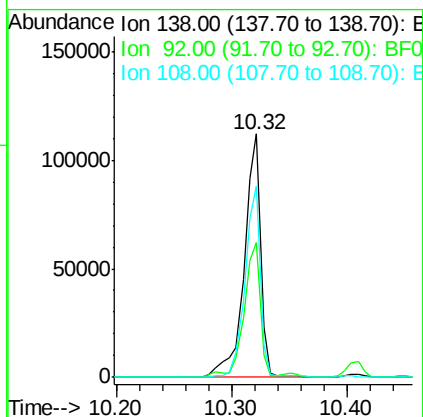
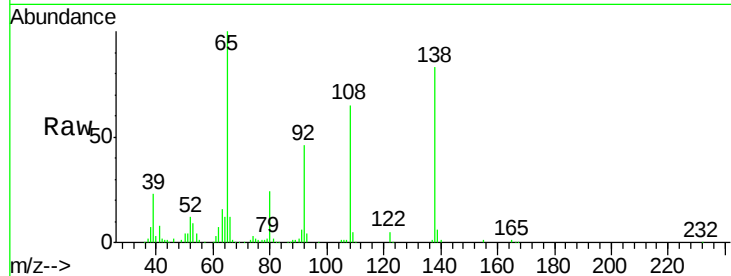
#61
4-Nitroaniline
Concen: 38.315 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	21.8	61.8
108	78.7	42.3	82.3

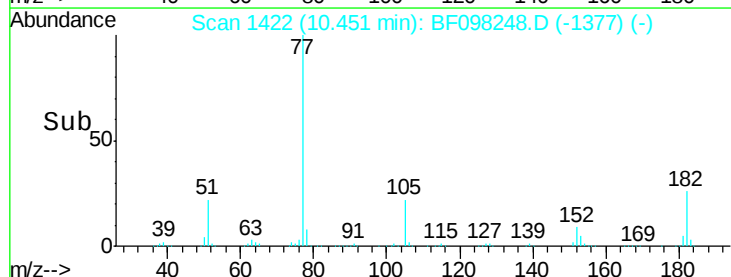
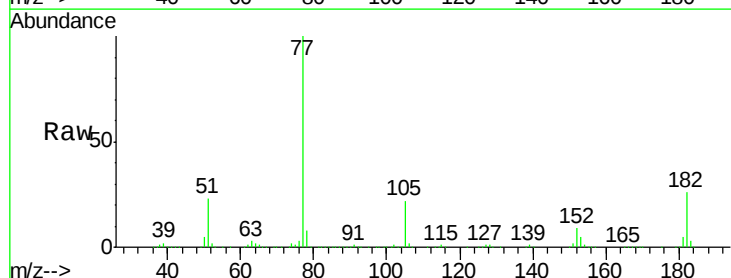
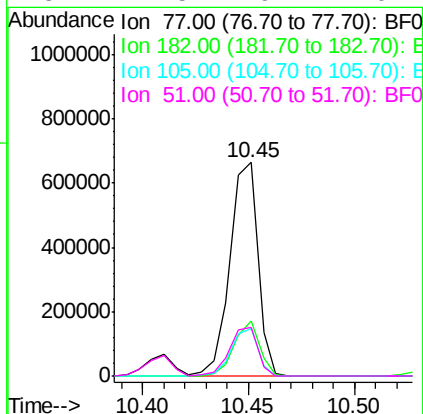
Manual Integrations
APPROVED

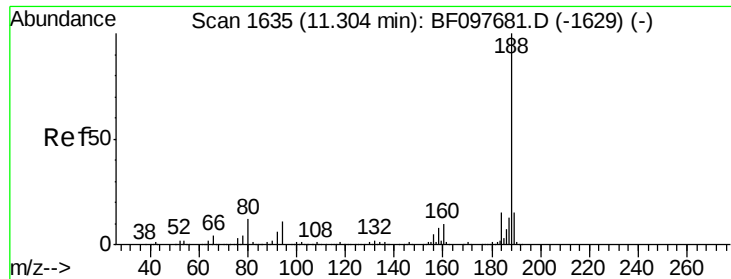
mohammad
9/5/2017 4:54:55 PM



#62
Azobenzene
Concen: 41.133 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	0.1	40.1
105	22.4	3.6	43.6
51	22.5	9.4	49.4





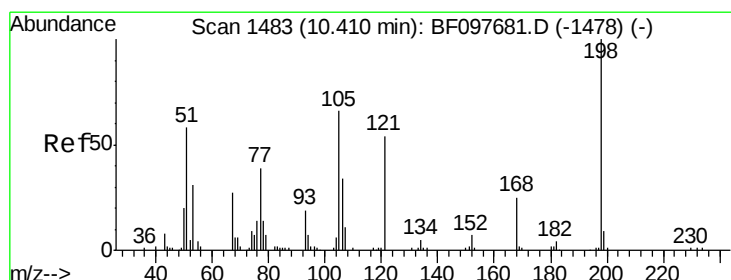
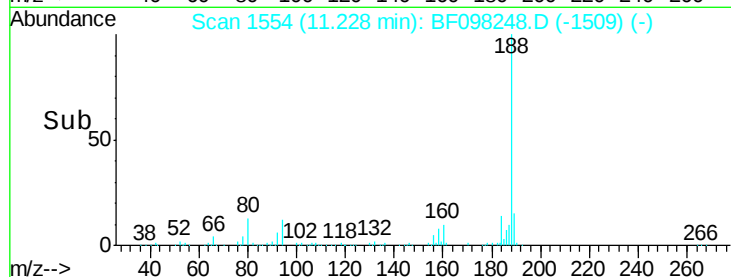
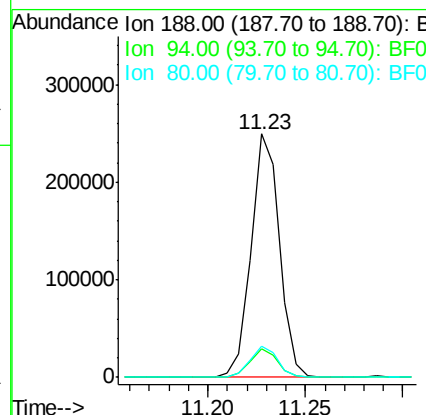
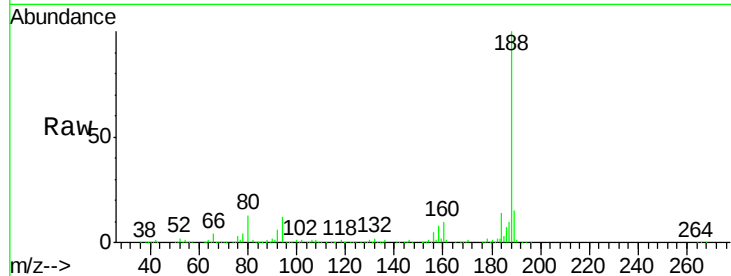
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	249770		
94	11.9		9.4	14.2
80	12.8		10.2	15.2

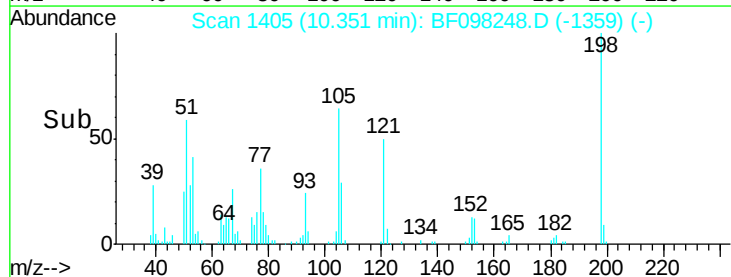
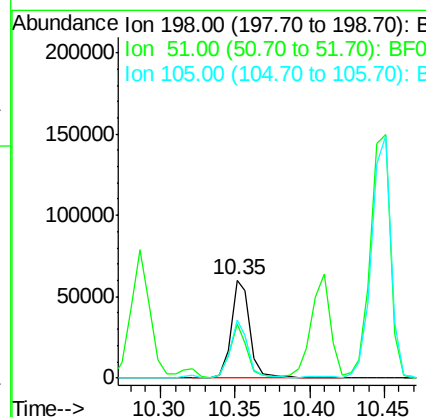
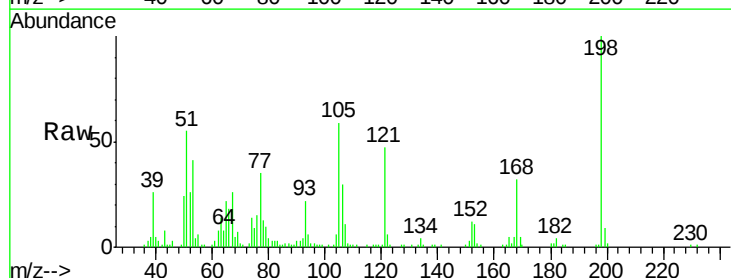
Manual Integrations
APPROVED

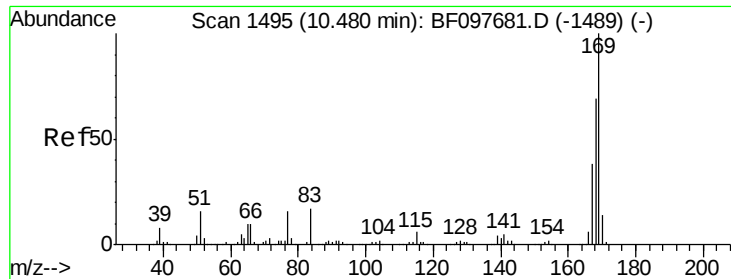
mohammad
9/5/2017 4:54:55 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.119 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	53818		
51	55.2		53.2	93.2
105	59.3		45.8	85.8





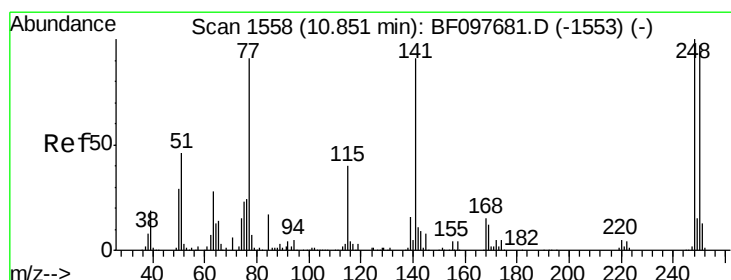
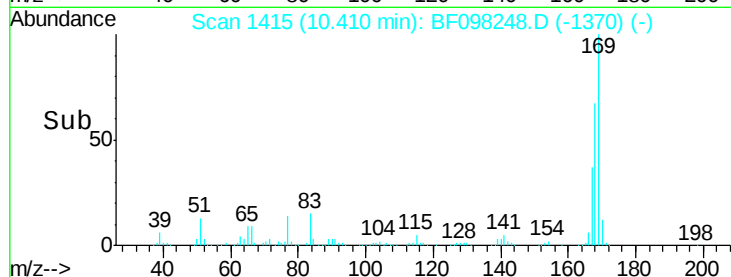
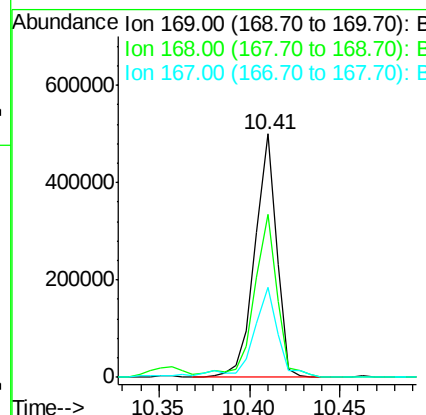
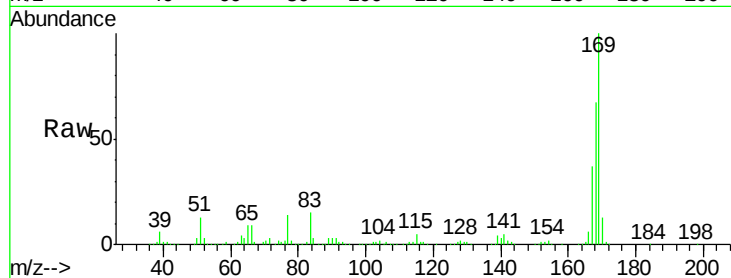
#65
n-Nitrosodiphenylamine
Concen: 48.838 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	415391		
168	66.9	53.2	79.8	
167	37.2	29.5	44.3	

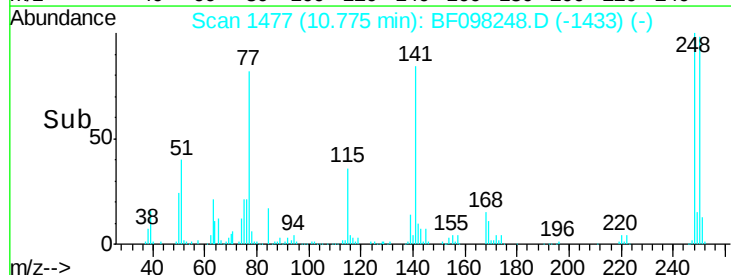
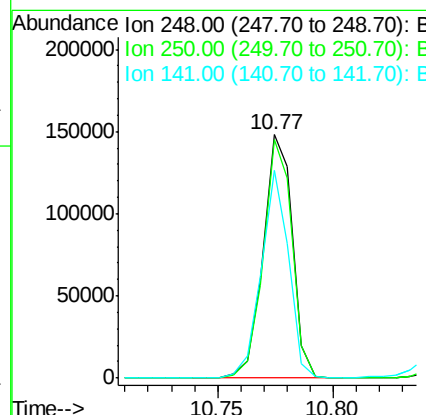
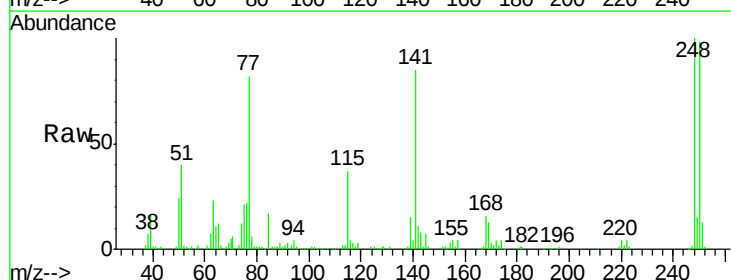
Manual Integrations
APPROVED

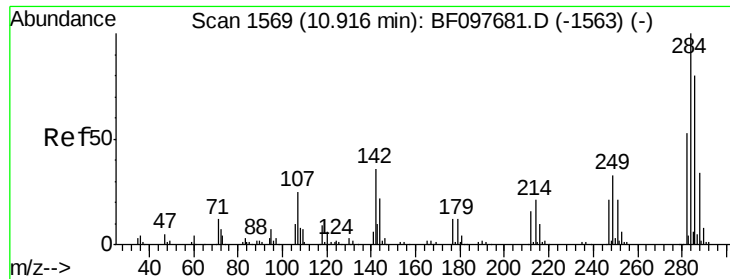
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 50.251 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	130335		
250	98.2	76.8	115.2	
141	85.4	68.6	103.0	





#67

Hexachlorobenzene

Concen: 44.260 ng

RT: 10.84 min Scan# 1488

Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tgt Ion:284 Resp: 117009
Ion Ratio Lower Upper

284 100

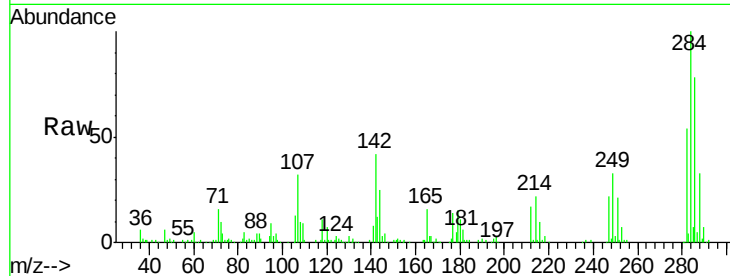
142 42.5 22.8 34.2#

249 33.2 24.0 36.0

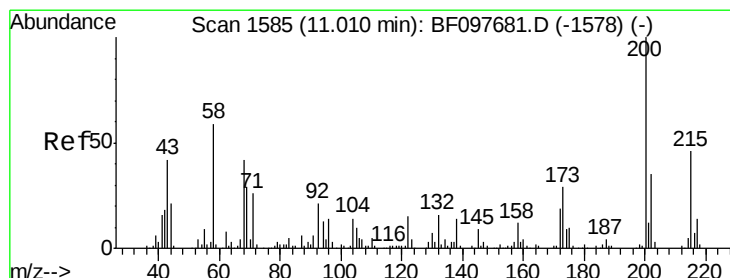
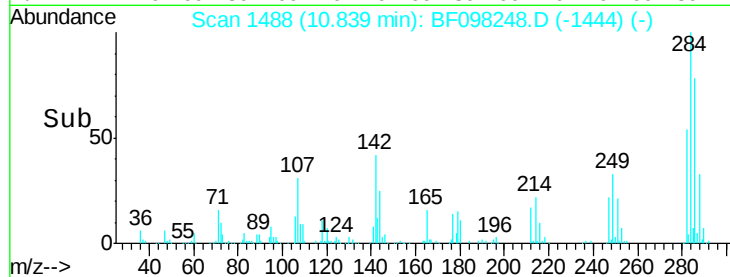
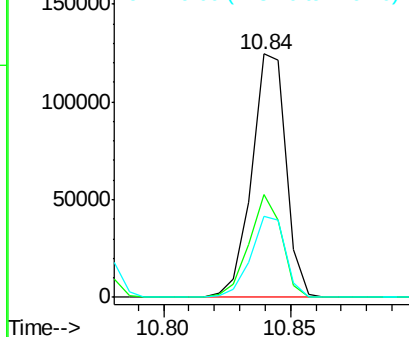
Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.047 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.04 min

Lab File: BF098248.D

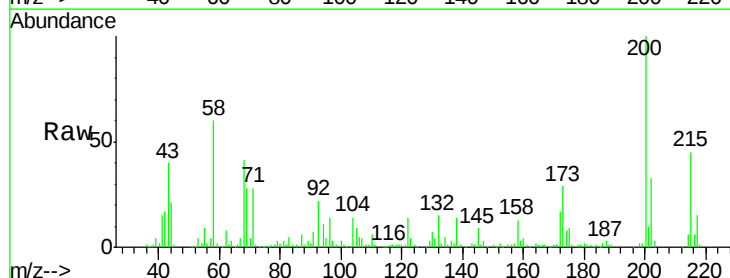
Acq: 2 Sep 2017 16:19

Tgt Ion:200 Resp: 112887
Ion Ratio Lower Upper

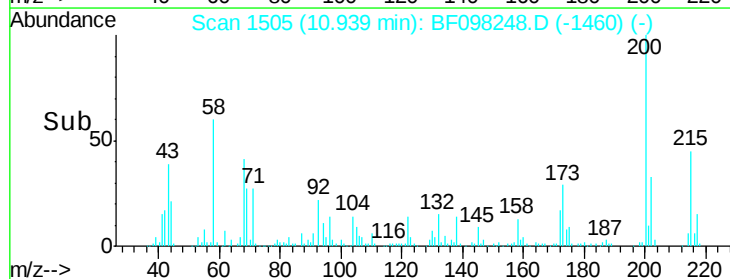
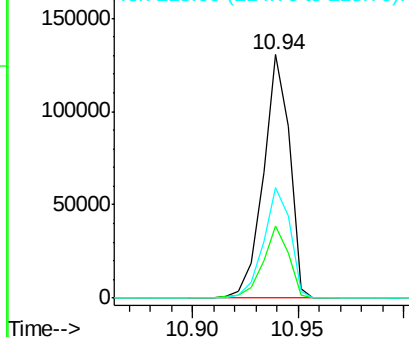
200 100

173 29.5 6.3 46.3

215 45.4 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





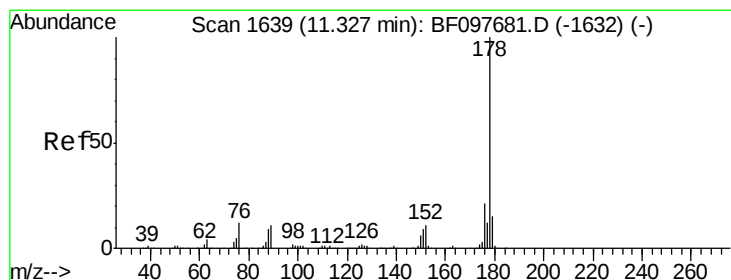
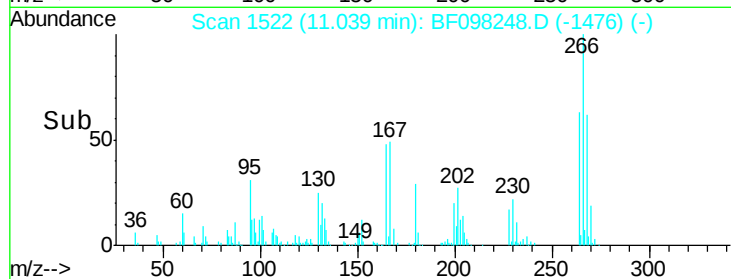
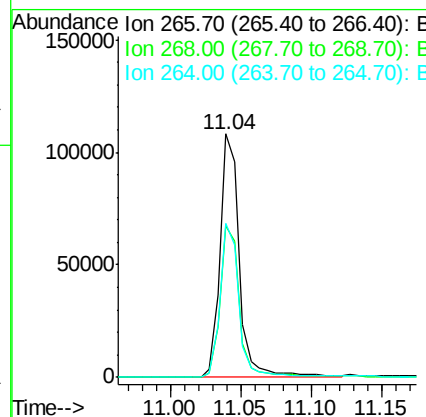
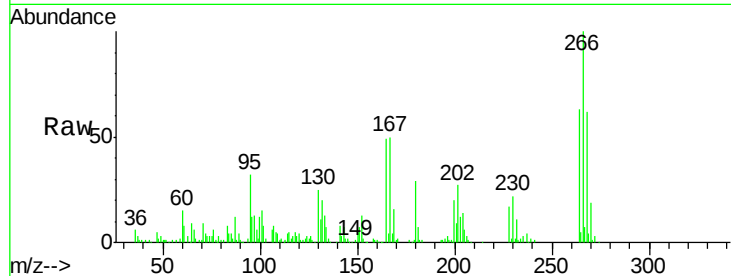
#69
 Pentachlorophenol
 Concen: 67.569 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.4	51.1	76.7	
264	63.4	51.7	77.5	

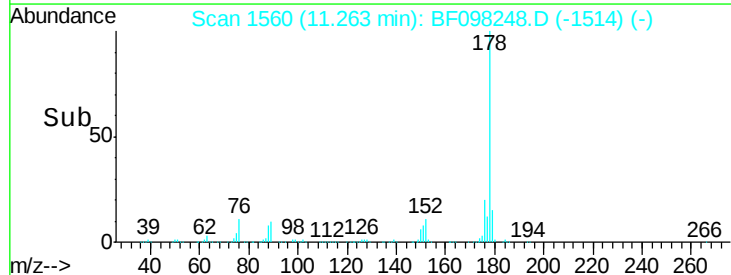
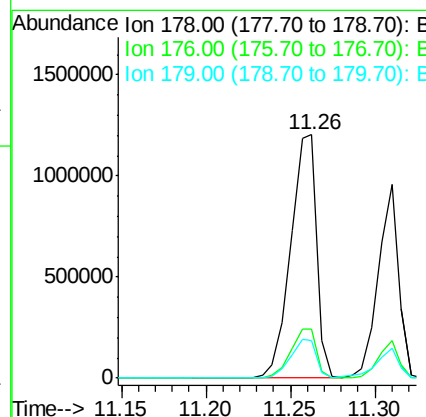
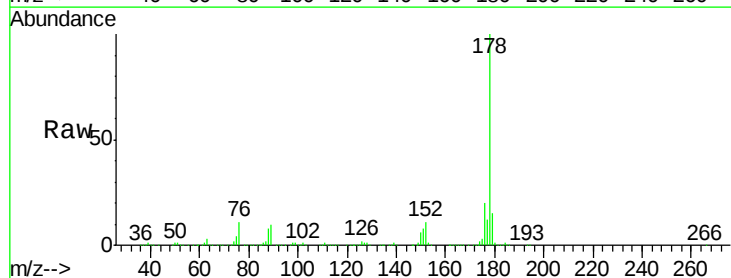
Manual Integrations
 APPROVED

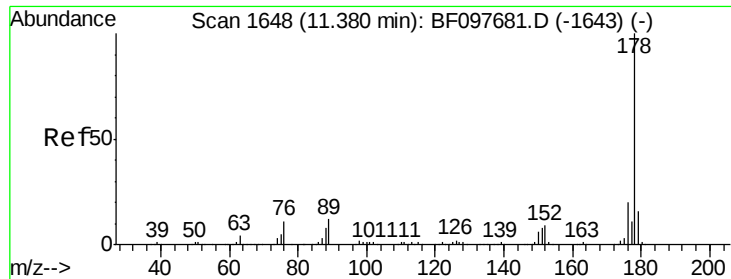
mohammad
 9/5/2017 4:54:55 PM



#70
 Phenanthrene
 Concen: 97.655 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.03 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.3	16.2	24.4	
179	15.3	12.6	19.0	





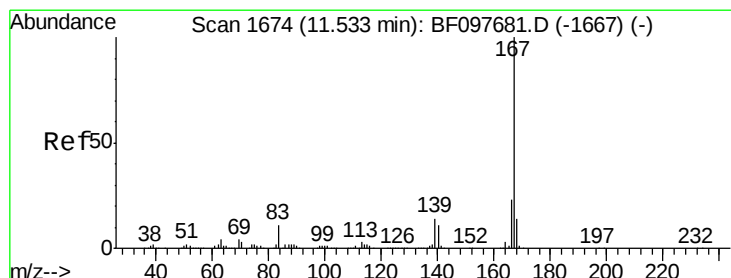
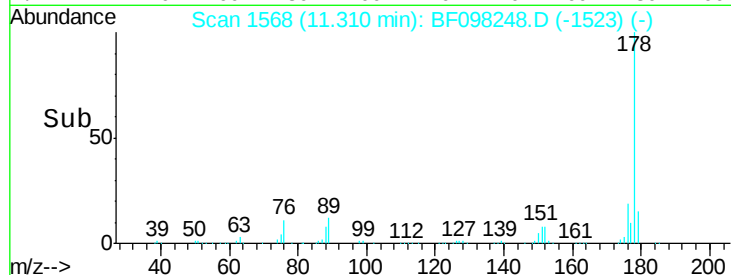
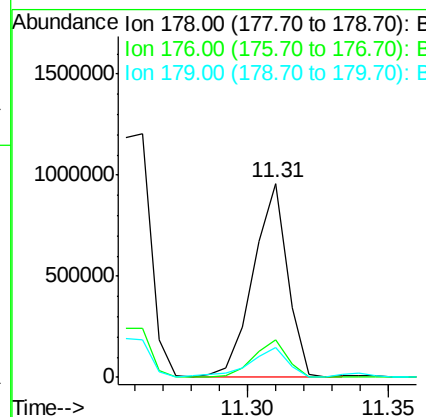
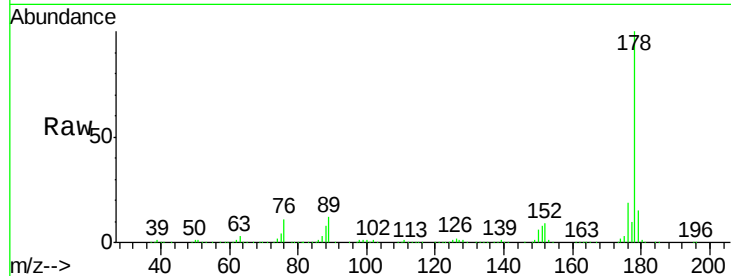
#71
 Anthracene
 Concen: 59.438 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.4	12.7	19.1

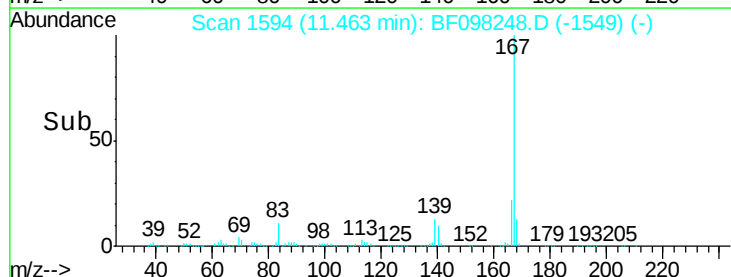
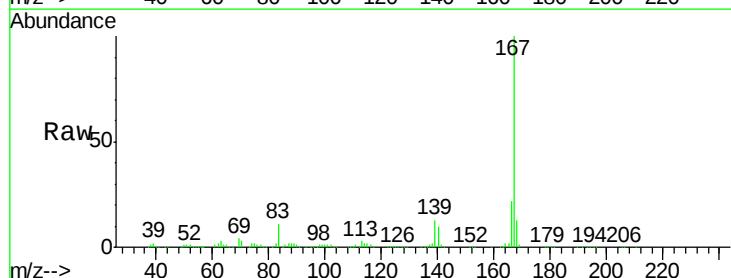
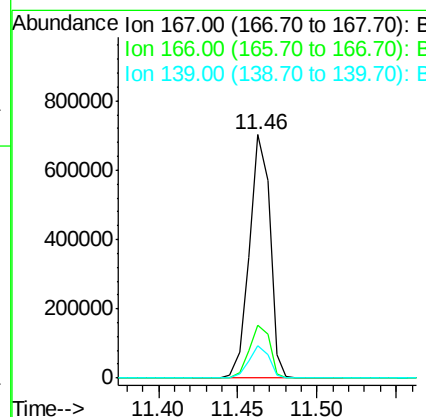
Manual Integrations
 APPROVED

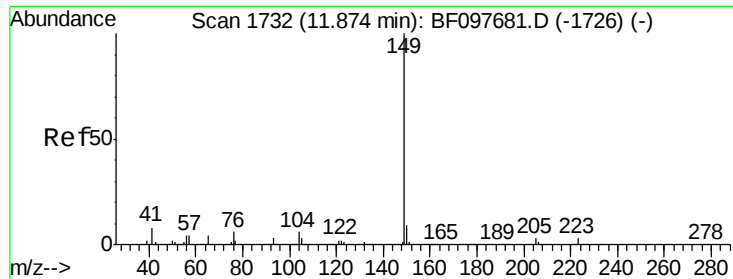
mohammad
 9/5/2017 4:54:55 PM



#72
 Carbazole
 Concen: 49.267 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.4	11.7	17.5





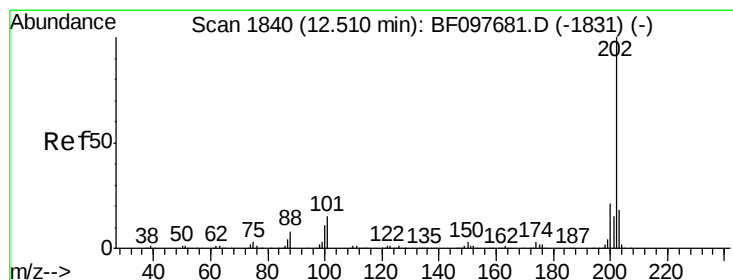
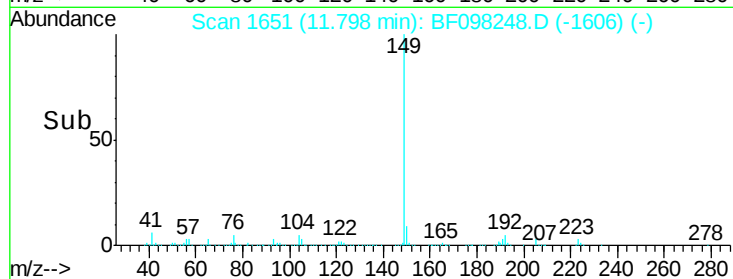
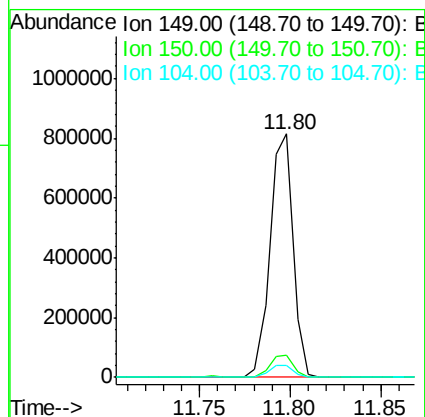
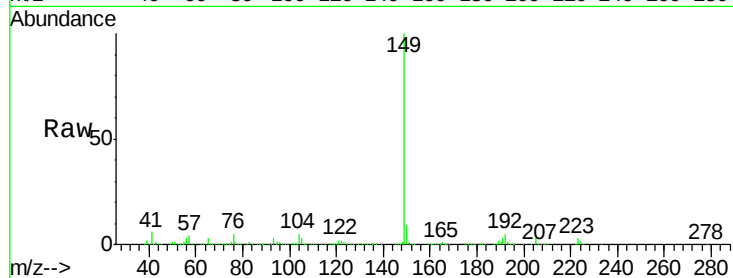
#73
Di-n-butylphthalate
Concen: 48.852 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.04 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.0	4.0	6.0

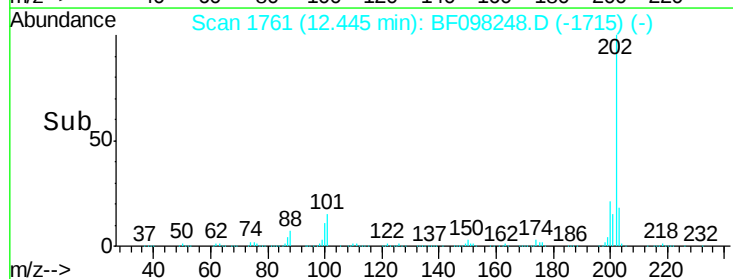
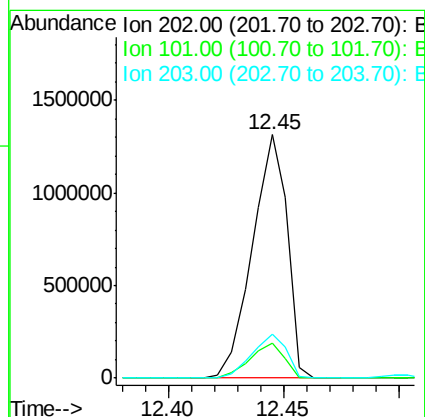
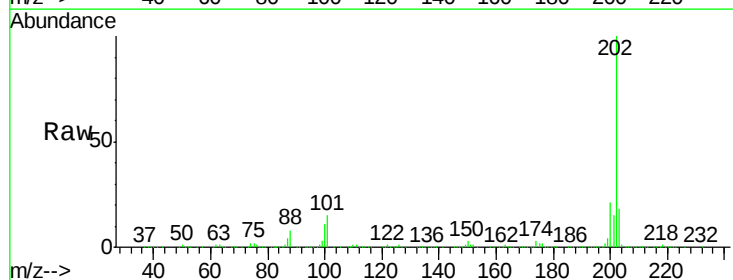
Manual Integrations
APPROVED

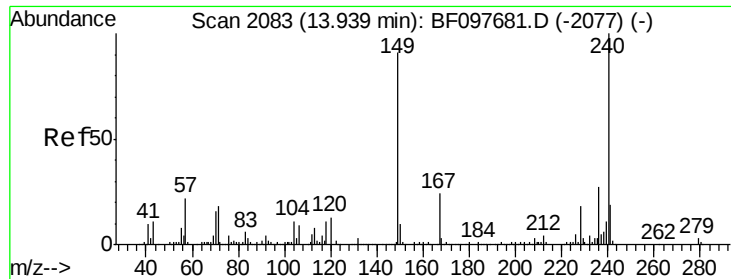
mohammad
9/5/2017 4:54:55 PM



#74
Fluoranthene
Concen: 99.471 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.03 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	33.2
203	18.1	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: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

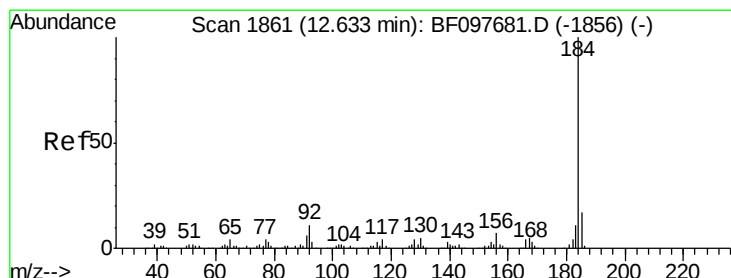
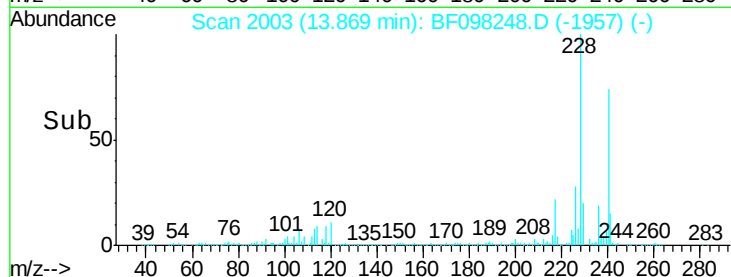
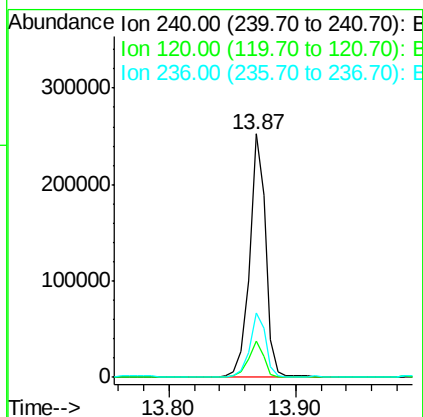
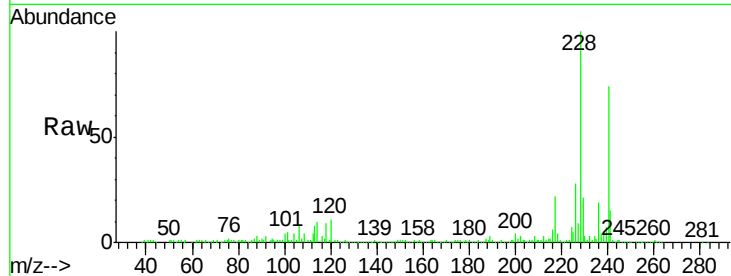
ClientSampleId :

SB-14-COMPMS

Tgt Ion: 240 Resp: 223801
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 26.5 20.5 30.7

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#76

Benzidine

Concen: 28.668 ng

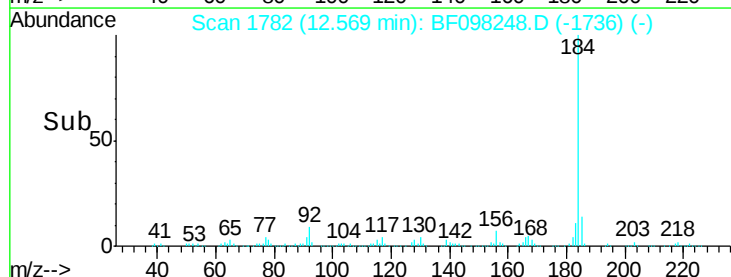
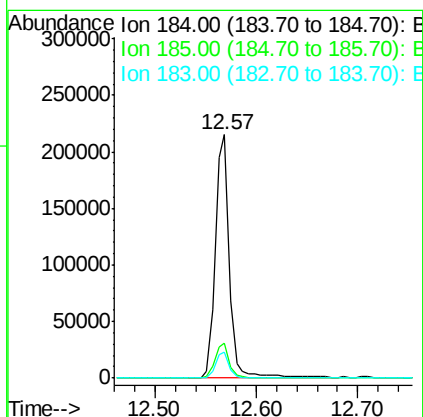
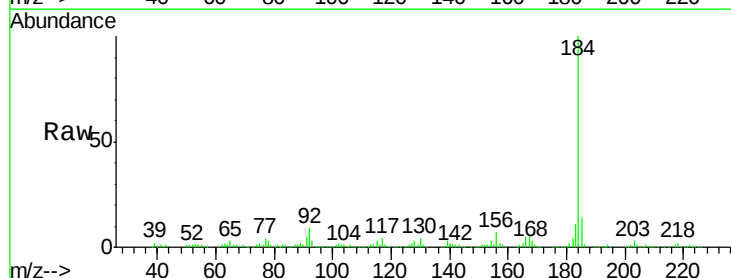
RT: 12.57 min Scan# 1782

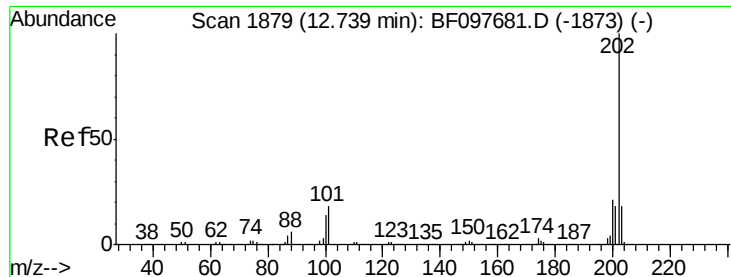
Delta R.T. -0.03 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion: 184 Resp: 210366
 Ion Ratio Lower Upper
 184 100
 185 14.2 15.5 23.3#
 183 10.9 9.8 14.6





#77

Pyrene

Concen: 74.019 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tgt Ion: 202 Resp: 1354874

Ion Ratio Lower Upper

202 100

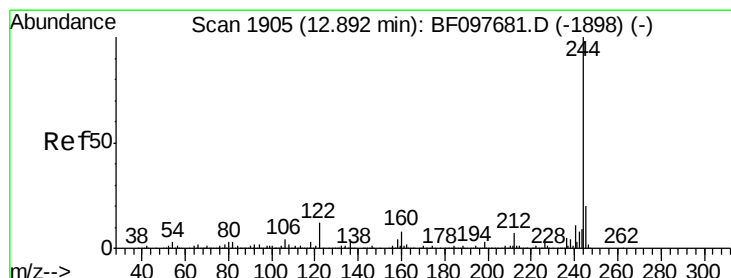
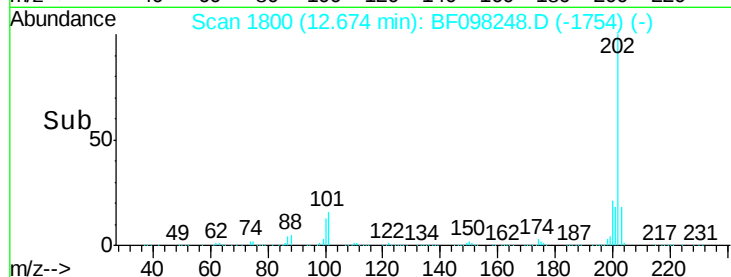
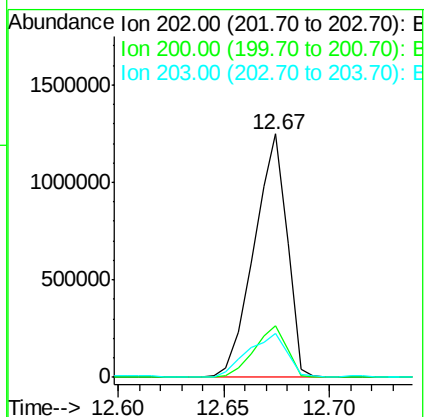
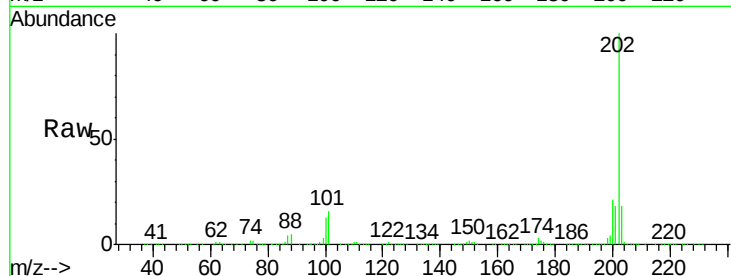
200 21.3 17.6 26.4

203 18.2 14.4 21.6

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#78

Terphenyl-d14

Concen: 67.728 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

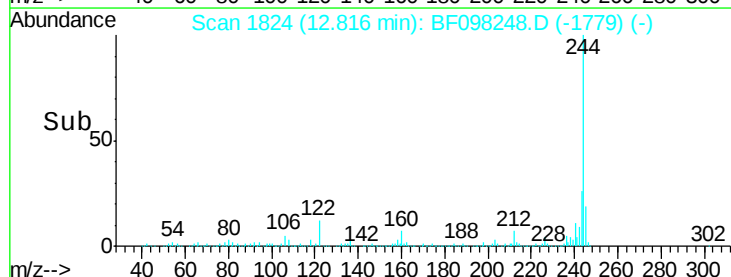
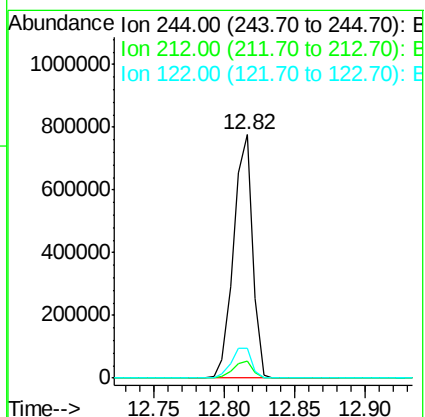
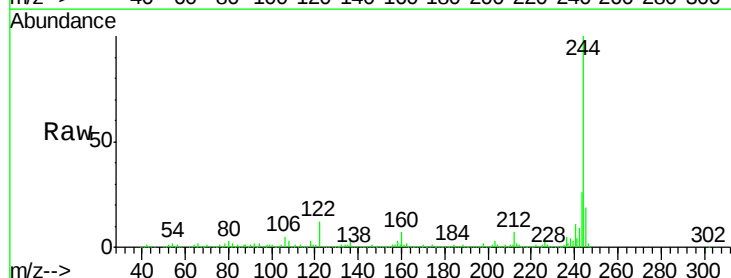
Tgt Ion: 244 Resp: 726870

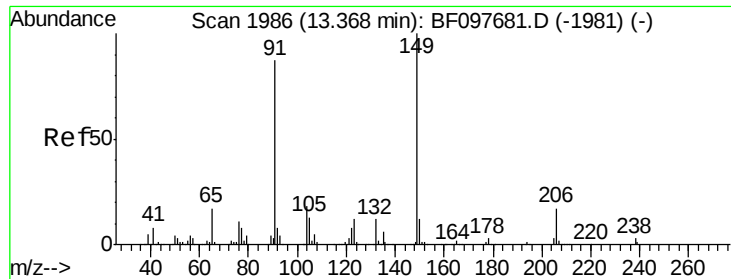
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 12.4 10.3 15.5





#79

Butylbenzylphthalate

Concen: 45.180 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.04 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

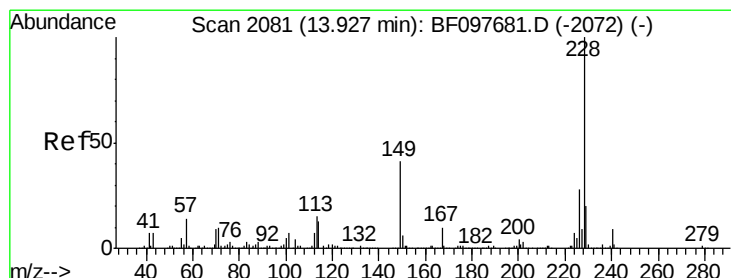
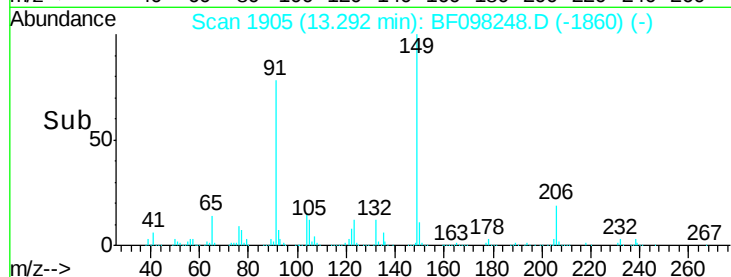
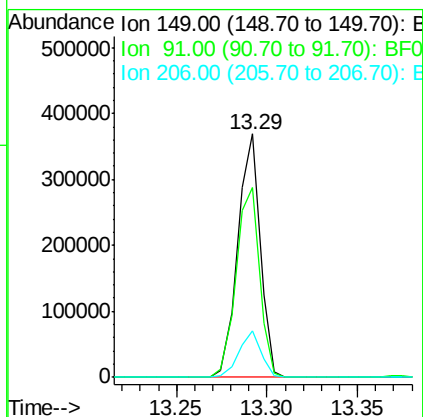
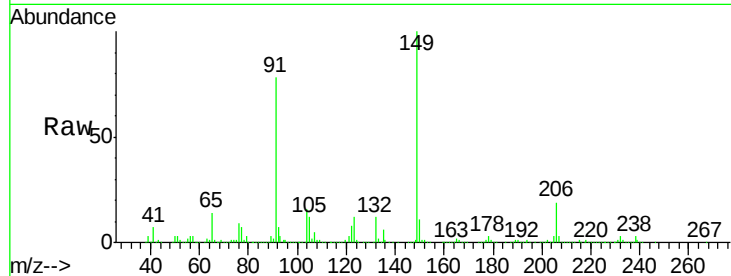
ClientSampleId :

SB-14-COMPMS

Tgt Ion:	149	Resp:	317069
Ion Ratio	Lower	Upper	
149	100		
91	78.2	45.0	67.4#
206	19.2	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 71.360 ng

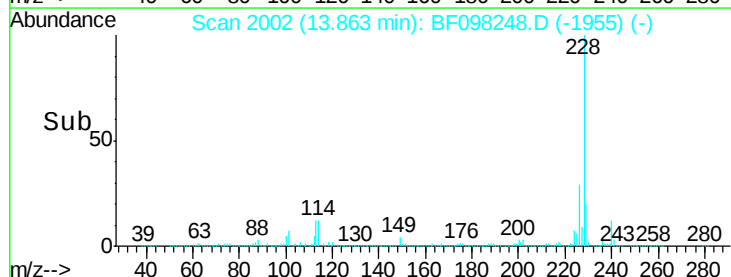
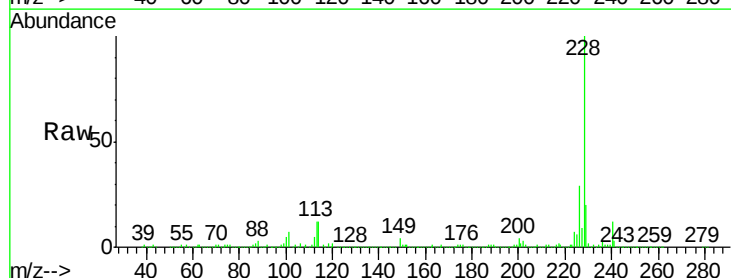
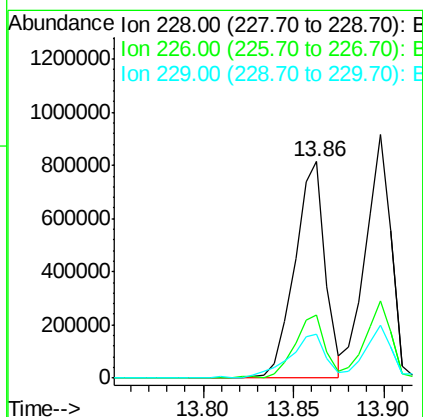
RT: 13.86 min Scan# 2002

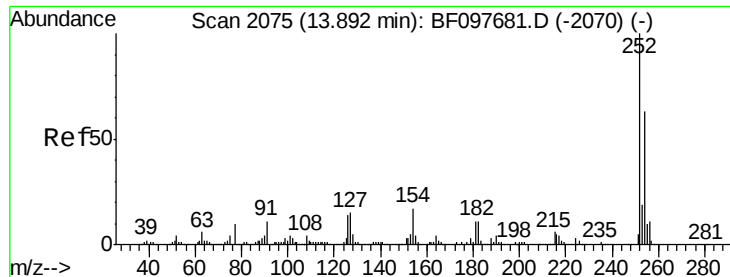
Delta R.T. -0.02 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion:	228	Resp:	957168
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.6	33.8
229	20.2	16.3	24.5





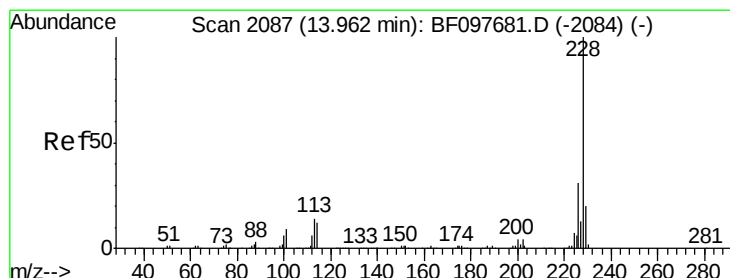
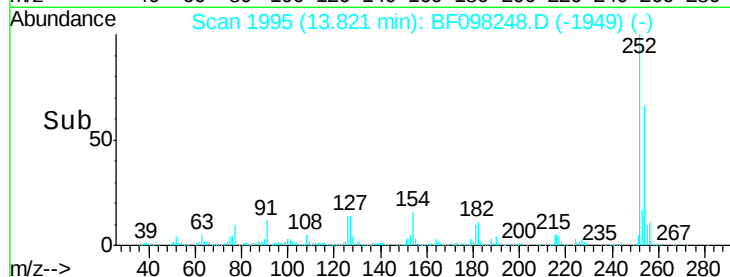
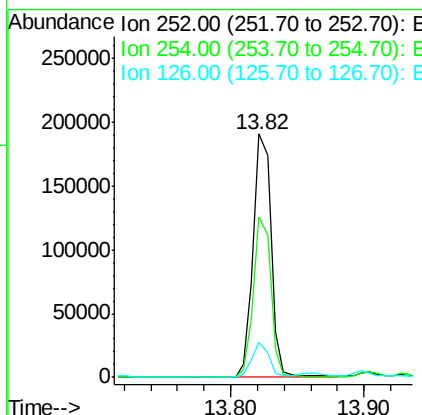
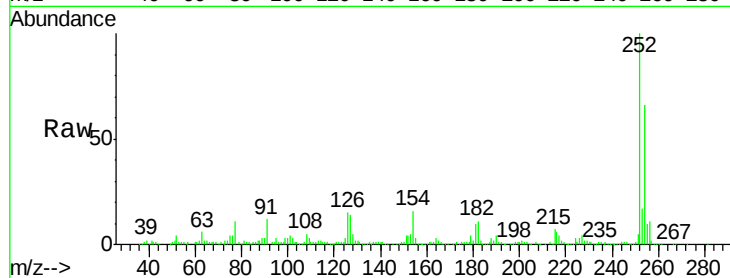
#81
 3,3'-Dichlorobenzidine
 Concen: 39.086 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.03 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleID :
 SB-14-COMPMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.1	51.5	77.3
126	14.5	15.8	23.8

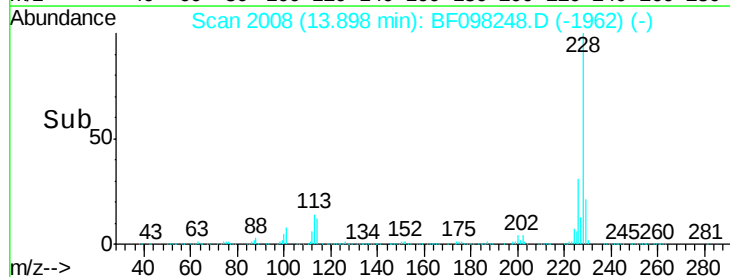
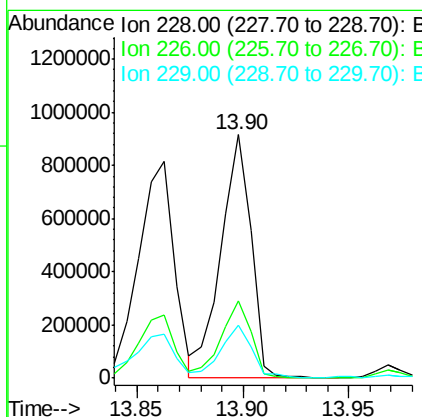
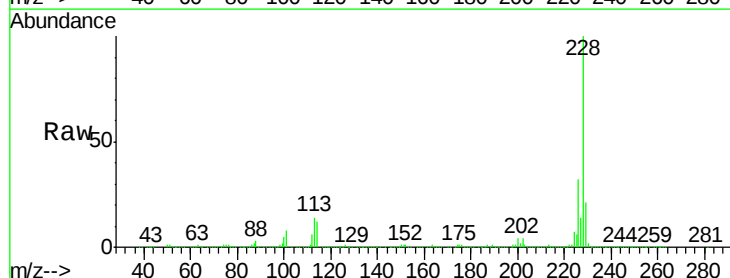
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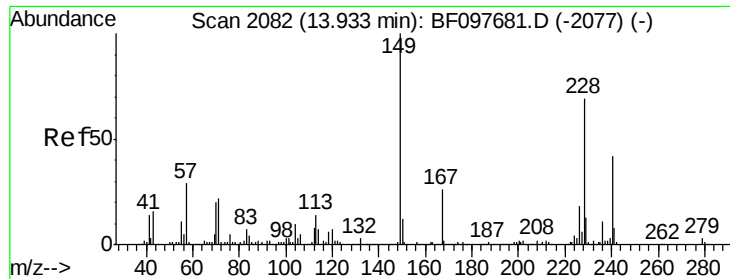
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#82
 Chrysene
 Concen: 67.441 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.03 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	24.9	37.3
229	21.5	15.8	23.6





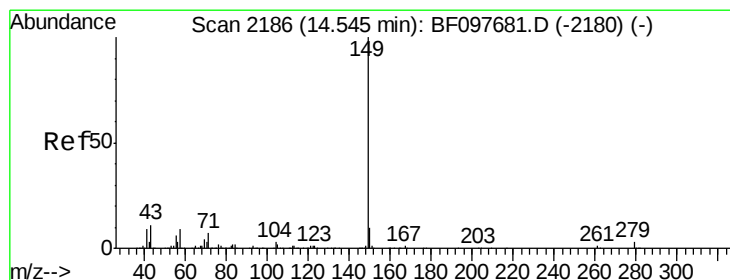
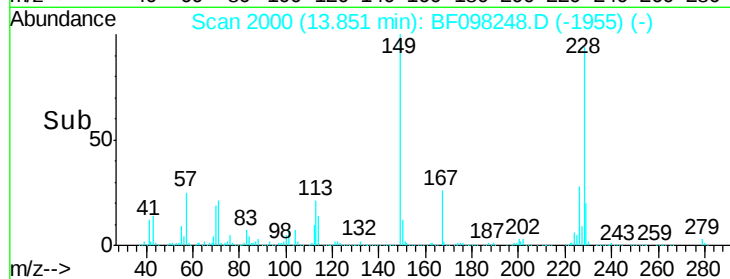
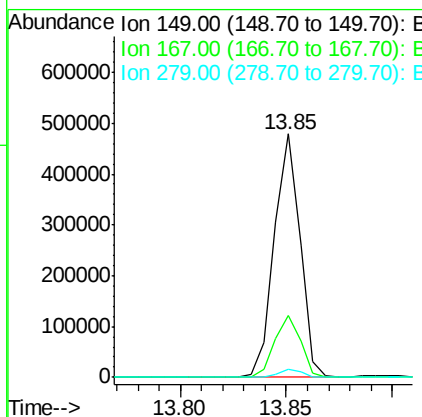
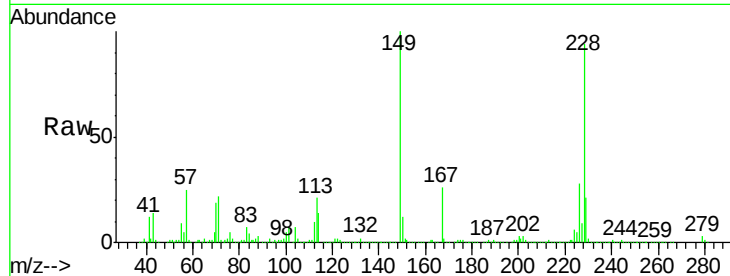
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.332 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	406968		
167	25.7	21.0	31.4	
279	3.1	1.9	2.9#	

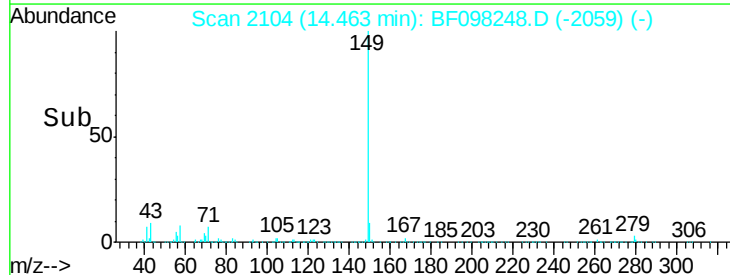
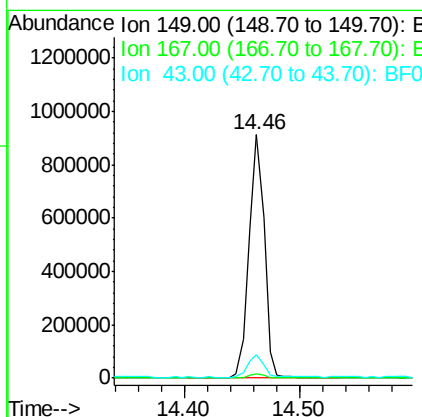
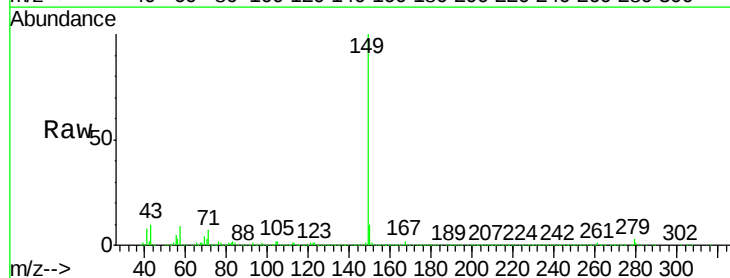
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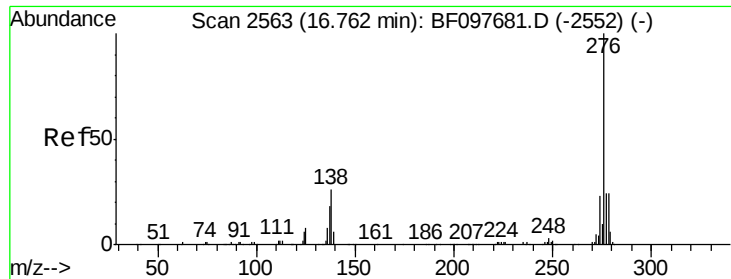
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#84
 Di-n-octyl phthalate
 Concen: 61.456 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.04 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	831569		
167	1.5	1.2	1.8	
43	9.2	8.5	12.7	





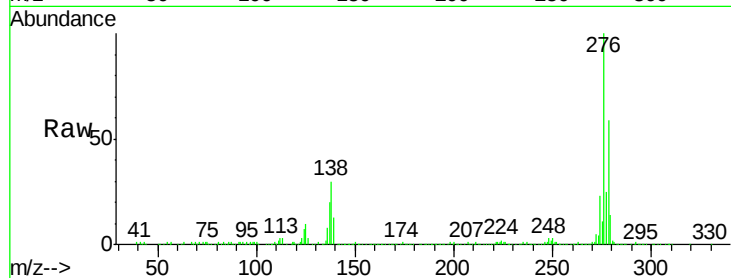
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 79.638 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

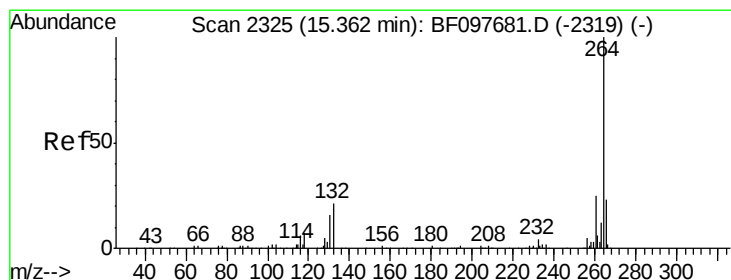
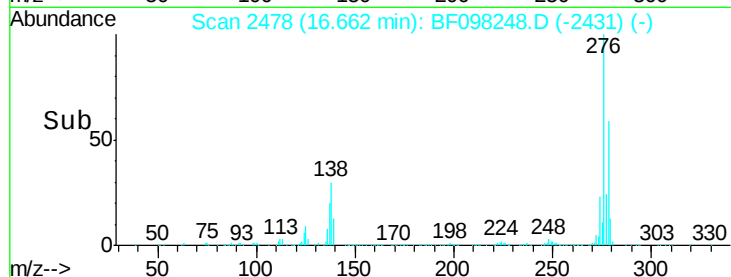
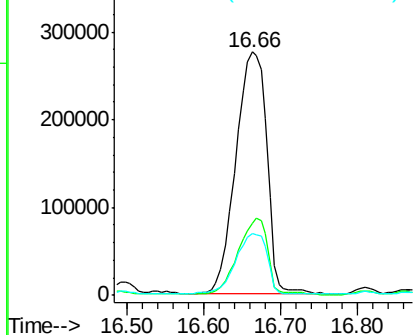
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.8	41.6
277	24.9	20.2	30.4

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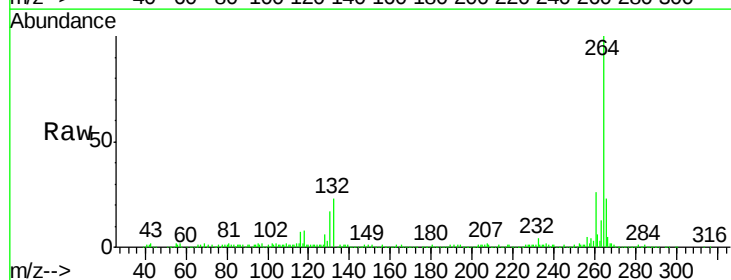


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

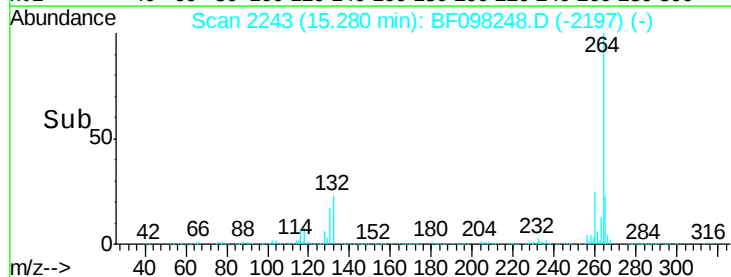
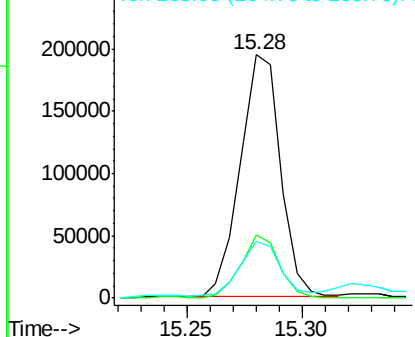


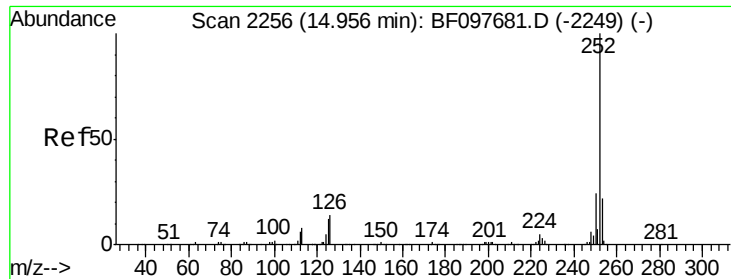
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.5	29.3
265	23.4	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 66.817 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Instrument :

BNA_F

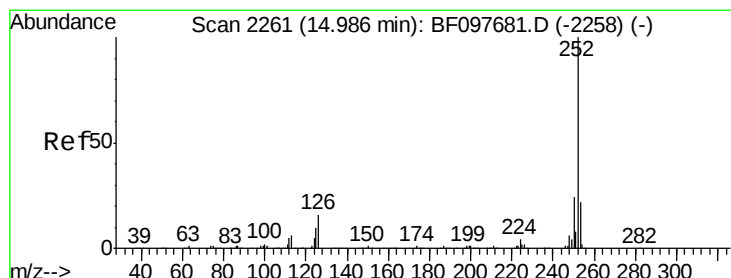
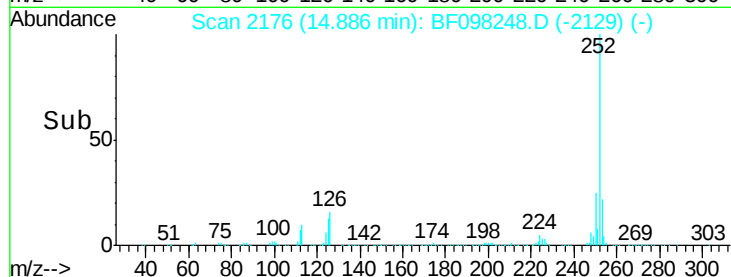
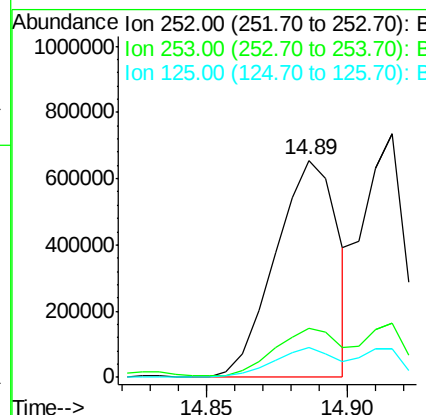
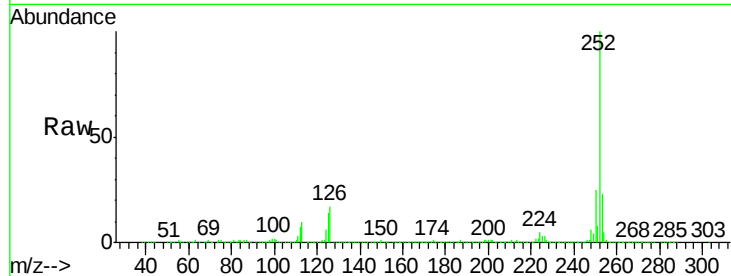
ClientSampleId :

SB-14-COMPMS

Tgt Ion:	252	Resp:	1001647
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	13.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 52.409 ng m

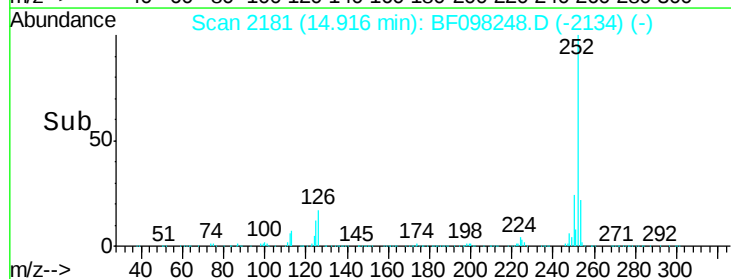
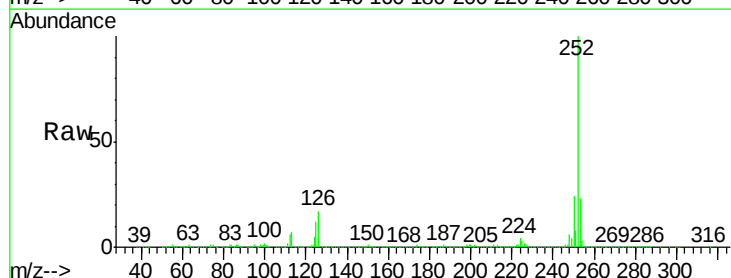
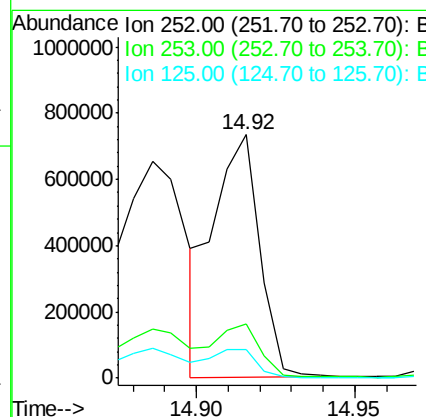
RT: 14.92 min Scan# 2181

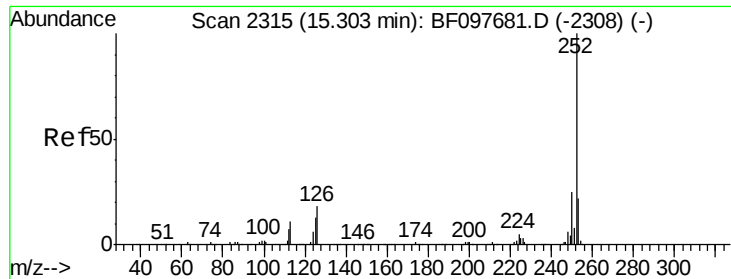
Delta R.T. -0.02 min

Lab File: BF098248.D

Acq: 2 Sep 2017 16:19

Tgt Ion:	252	Resp:	738127
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.4	27.6
125	11.8	13.1	19.7#





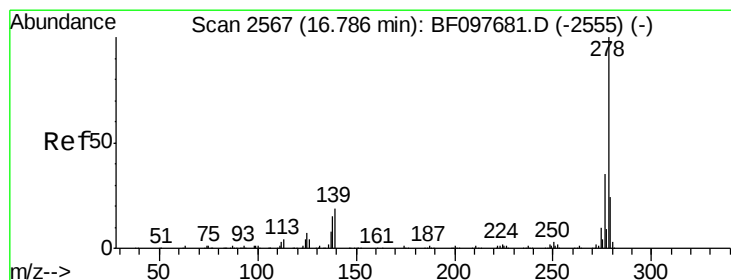
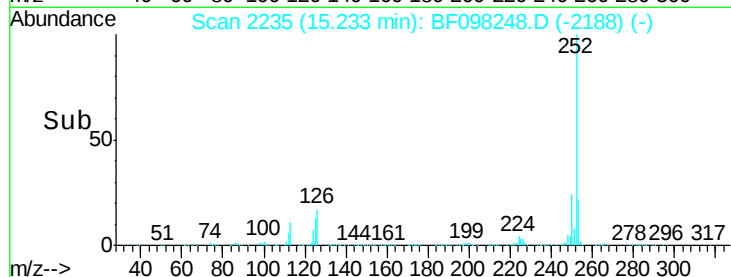
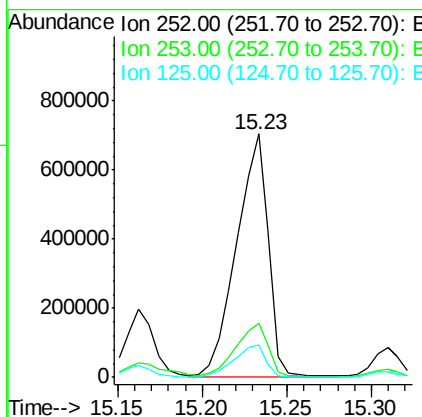
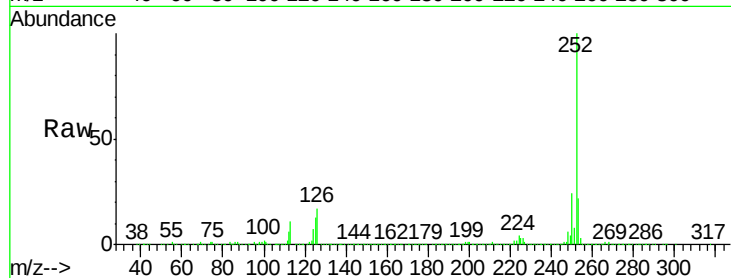
#89
Benzo(a)pyrene
Concen: 69.041 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.4	11.0	16.4

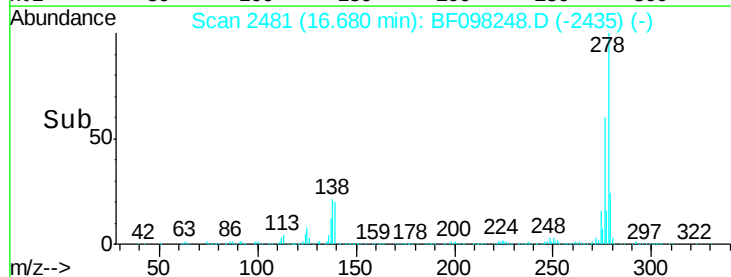
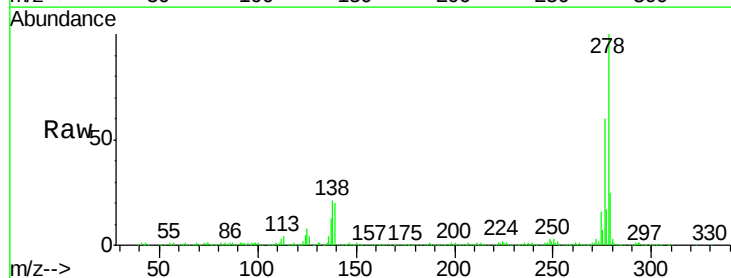
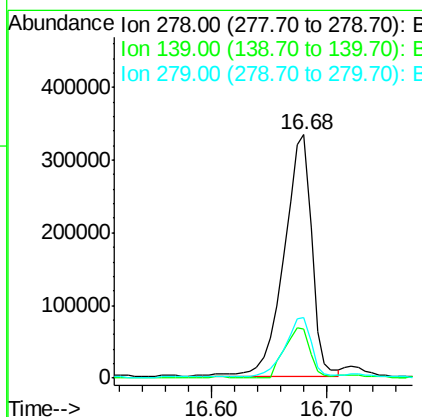
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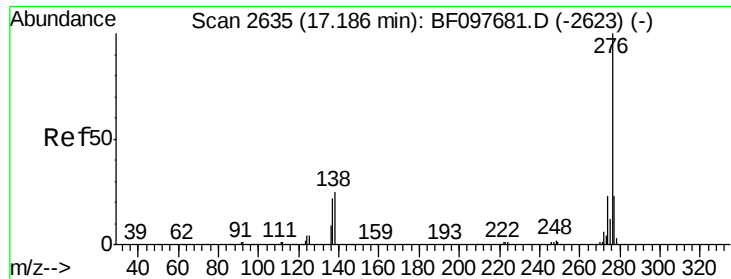
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#90
Dibenzo(a,h)anthracene
Concen: 51.340 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.03 min
Lab File: BF098248.D
Acq: 2 Sep 2017 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	24.8
279	24.9	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 54.993 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.03 min
 Lab File: BF098248.D
 Acq: 2 Sep 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tgt Ion:	276	Resp:	619950
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.6	28.0
138	26.3	25.4	38.0

Manual Integrations
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