

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094010.D
 Acq On : 28 Mar 2017 23:21
 Operator : SJ/MA
 Sample : I2421-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Manual Integrations
 APPROVED

mohammad
 3/29/2017 1:57:02 PM

Quant Time: Mar 29 04:06:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	159835	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	661674	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	310824	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	538989	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	360891	20.00	ng	-0.03
86) Perylene-d12	16.28	264	274265	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.48	112	1171731	123.82	ng	0.00
7) Phenol-d6	5.54	99	1447700	123.66	ng	-0.01
23) Nitrobenzene-d5	6.58	82	1019106	87.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	354705	144.41	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1886763	92.59	ng	-0.02
78) Terphenyl-d14	13.38	244	1492440	92.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	183922	40.45	ng	97
3) Pyridine	2.82	79	407679	32.90	ng	98
4) n-Nitrosodimethylamine	2.79	42	224878	44.11	ng	92
6) Aniline	5.56	93	306045	18.79	ng	# 34
8) 2-Chlorophenol	5.70	128	497049	47.79	ng	95
9) Benzaldehyde	5.42	77	118733	15.02	ng	98
10) Phenol	5.55	94	537561	40.35	ng	95
11) bis(2-Chloroethyl)ether	5.64	93	477528	45.87	ng	97
12) 1,3-Dichlorobenzene	5.86	146	543013	46.54	ng	99
13) 1,4-Dichlorobenzene	5.95	146	544200	46.05	ng	97
14) 1,2-Dichlorobenzene	6.13	146	506895	46.58	ng	96
15) Benzyl Alcohol	6.10	79	421210	49.16	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	677777	42.25	ng	98
17) 2-Methylphenol	6.24	107	422008	47.37	ng	98
18) Hexachloroethane	6.52	117	195234	47.00	ng	# 86
19) n-Nitroso-di-n-propylamine	6.42	70	358808	47.69	ng	96
20) 3+4-Methylphenols	6.42	107	518799	48.09	ng	# 63
22) Acetophenone	6.40	105	724608	49.14	ng	# 88
24) Nitrobenzene	6.60	77	530648	46.41	ng	94
25) Isophorone	6.89	82	985204	48.36	ng	95
26) 2-Nitrophenol	6.98	139	284025	52.08	ng	99
27) 2,4-Dimethylphenol	7.05	122	474481	50.50	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	633184	47.13	ng	99
29) 2,4-Dichlorophenol	7.27	162	447333	50.92	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	436141	48.20	ng	98
31) Naphthalene	7.46	128	1470975	46.23	ng	100
32) Benzoic acid	7.17	122	137729	22.02	ng	96
33) 4-Chloroaniline	7.52	127	155190	12.04	ng	94
34) Hexachlorobutadiene	7.62	225	215524	46.45	ng	98
35) Caprolactam	7.98	113	127469m	45.50	ng	
36) 4-Chloro-3-methylphenol	8.15	107	480957	52.39	ng	88
37) 2-Methylnaphthalene	8.30	142	1045202	49.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	386379	45.44	ng	99
40) Hexachlorocyclopentadiene	8.50	237	365145	91.77	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	304924	50.69	nq	97
43) 2,4,5-Trichlorophenol	8.71	196	315155	48.41	nq	95
45) 1,1'-Biphenyl	8.88	154	1167627	46.57	nq	98
46) 2-Chloronaphthalene	8.90	162	928258	47.30	nq	94
47) 2-Nitroaniline	9.03	65	284257	48.83	nq	# 81
48) Acenaphthylene	9.40	152	1475569	45.24	nq	99
49) Dimethylphthalate	9.27	163	1132593	51.26	nq	100
50) 2,6-Dinitrotoluene	9.33	165	258752	51.09	nq	92
51) Acenaphthene	9.62	154	881198	46.30	nq	99
52) 3-Nitroaniline	9.53	138	129955	21.85	nq	94
53) 2,4-Dinitrophenol	9.66	184	208895	77.24	nq	# 74
54) Dibenzofuran	9.83	168	1259216	48.60	nq	100
55) 4-Nitrophenol	9.77	139	338232	72.62	nq	# 66
56) 2,4-Dinitrotoluene	9.83	165	304729	47.90	nq	# 68
57) Fluorene	10.25	166	946894	44.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	235175	52.65	nq	97
59) Diethylphthalate	10.14	149	1100391	50.39	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	408381	44.62	nq	94
61) 4-Nitroaniline	10.29	138	260553	45.65	nq	95
62) Azobenzene	10.46	77	1060890	51.36	nq	94
64) 4,6-Dinitro-2-methylphenol	10.33	198	147390	44.65	nq	# 77
65) n-Nitrosodiphenylamine	10.41	169	911993	48.93	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	263562	49.72	nq	97
67) Hexachlorobenzene	10.93	284	268198	49.98	nq	# 85
68) Atrazine	11.08	200	266921	47.81	nq	96
69) Pentachlorophenol	11.17	266	281661	84.33	nq	99
70) Phenanthrene	11.43	178	1396363	46.57	nq	100
71) Anthracene	11.50	178	1463294	47.40	nq	99
72) Carbazole	11.70	167	1318921	41.66	nq	99
73) Di-n-butylphthalate	12.15	149	1673434	50.83	nq	100
74) Fluoranthene	12.89	202	1379118	44.92	nq	99
76) Benzidine	13.06	184	526573	36.87	nq	# 92
77) Pyrene	13.17	202	1380025	52.69	nq	99
79) Butylbenzylphthalate	13.99	149	668368	59.89	nq	# 85
80) Benzo(a)anthracene	14.64	228	1036011	49.23	nq	98
81) 3,3'-Dichlorobenzidine	14.61	252	199727	26.55	nq	97
82) Chrysene	14.69	228	889219	45.53	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	913139	59.98	nq	# 100
84) Di-n-octyl phthalate	15.45	149	1490757	58.61	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	794744	46.99	nq	99
87) Benzo(b)fluoranthene	15.87	252	833918	49.60	nq	98
88) Benzo(k)fluoranthene	15.90	252	789232	47.98	nq	95
89) Benzo(a)pyrene	16.22	252	766672	49.52	nq	98
90) Dibenzo(a,h)anthracene	17.67	278	673767	51.39	nq	99
91) Benzo(g,h,i)perylene	18.05	276	653556	49.46	nq	98

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

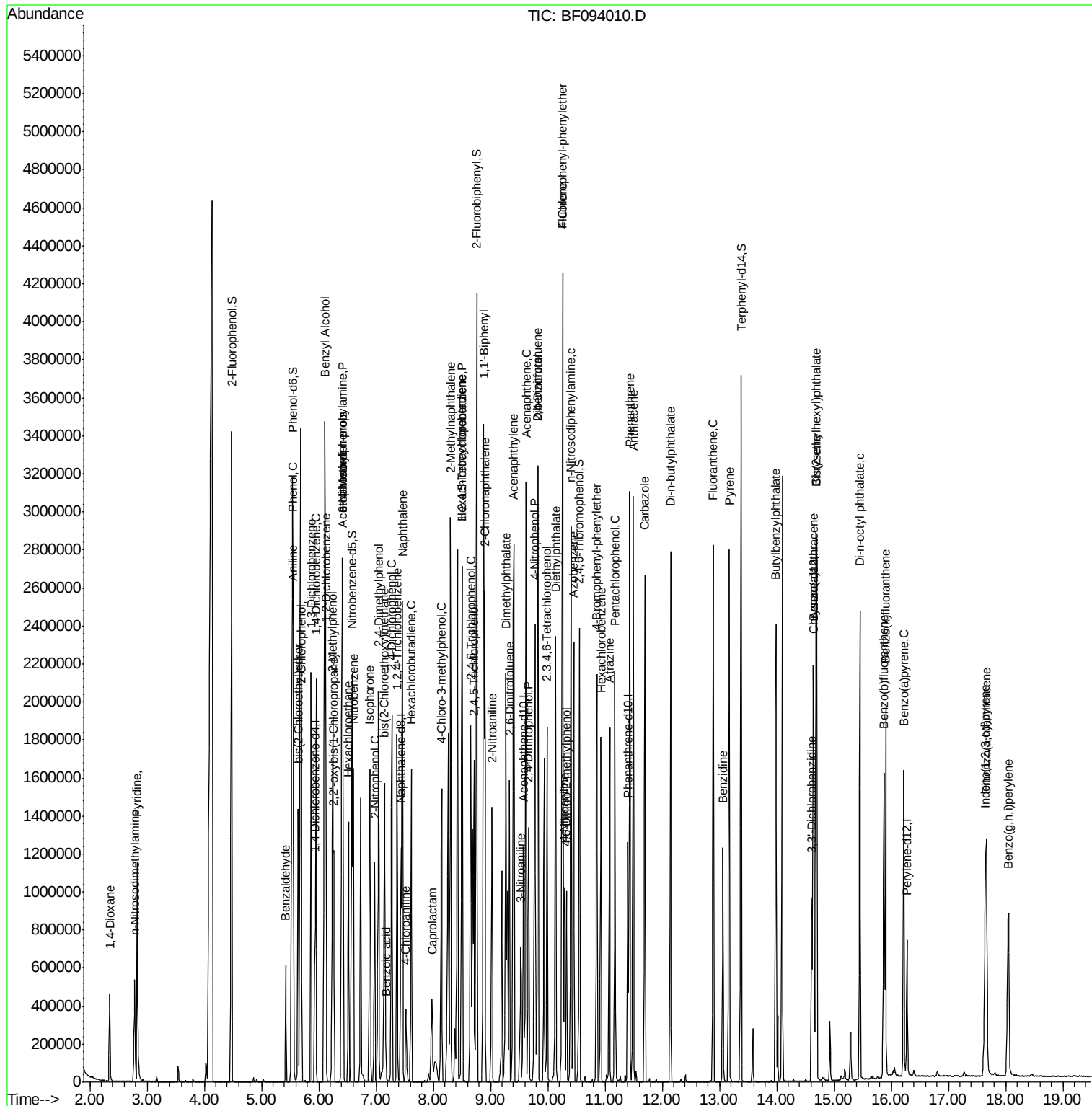
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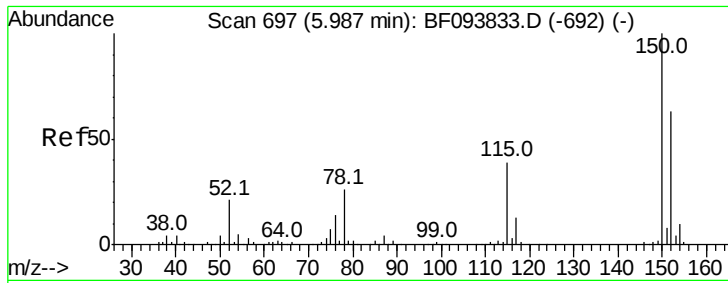
Instrument :
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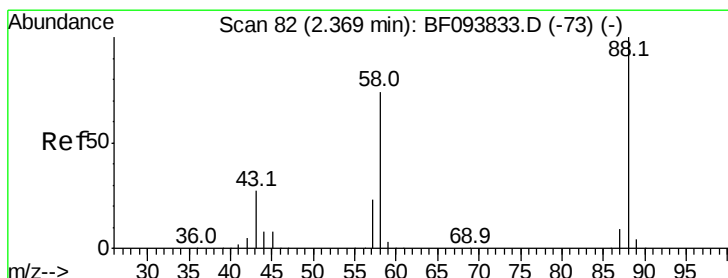
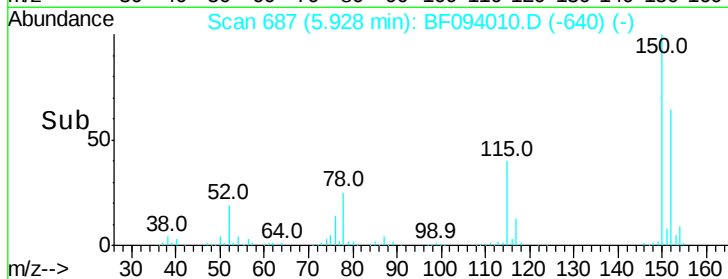
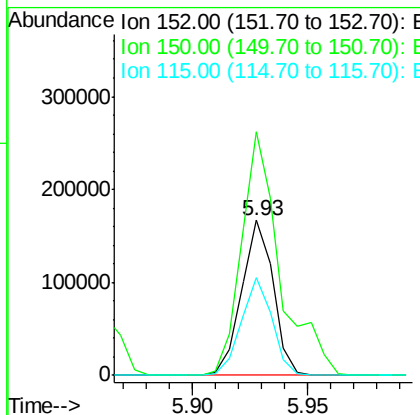
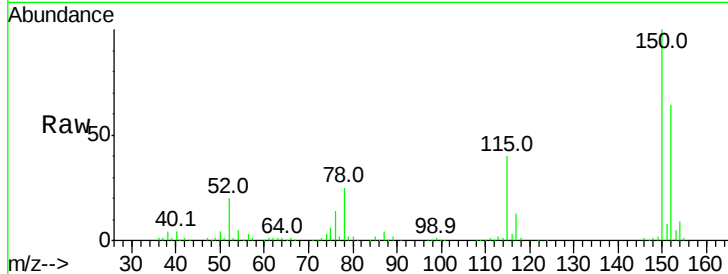
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	63.3	52.2	78.2

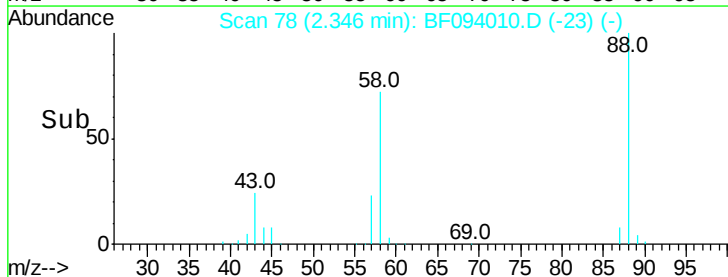
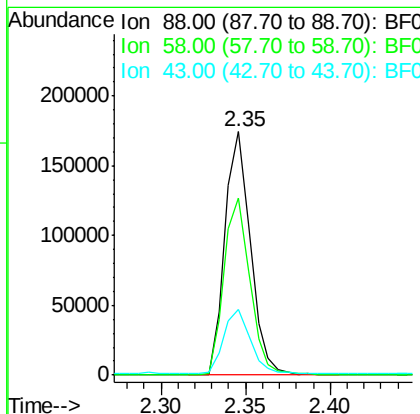
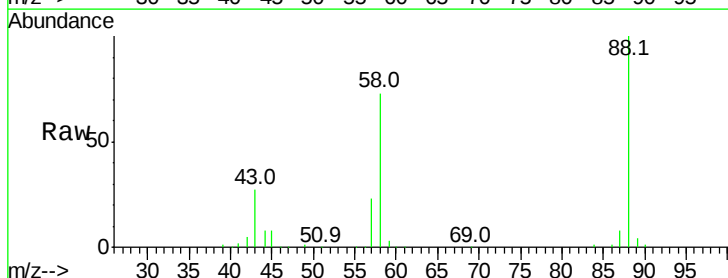
Manual Integrations
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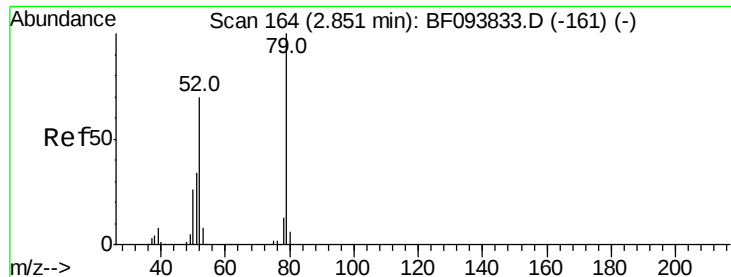
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#2
 1,4-Dioxane
 Concen: 40.45 ng
 RT: 2.35 min Scan# 78
 Delta R.T. 0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.1	61.4	92.0
43	27.9	23.4	35.0





#3

Pvridine

Concen: 32.90 ng

RT: 2.82 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

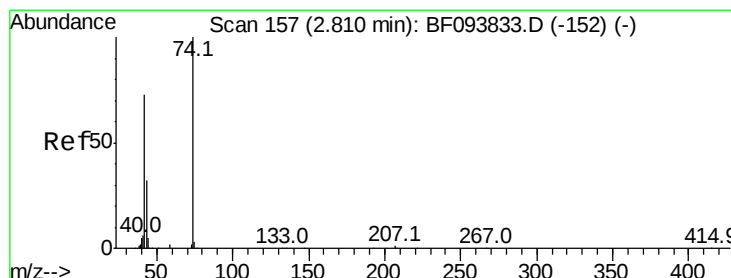
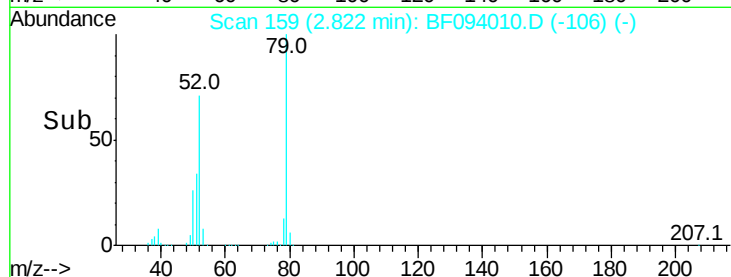
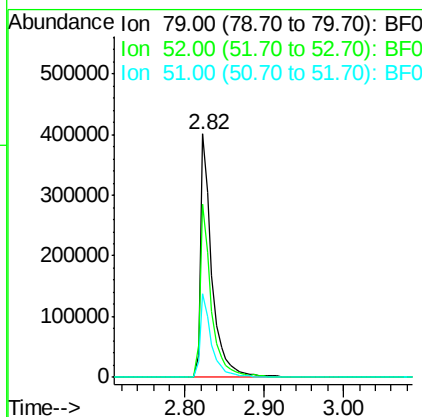
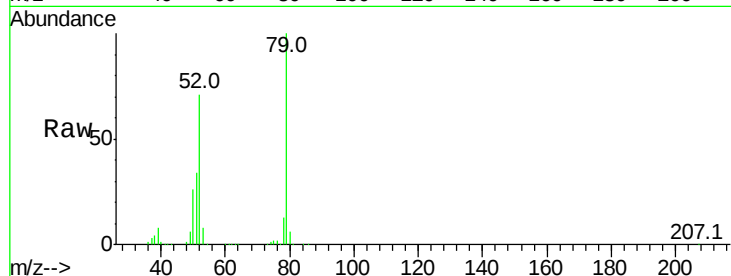
ClientSampleId :

HHD-GW1MSD

Tot Ion:	79	Resp:	407679
Ion	Ratio	Lower	Upper
79	100		
52	71.0	54.8	82.2
51	34.1	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 44.11 ng

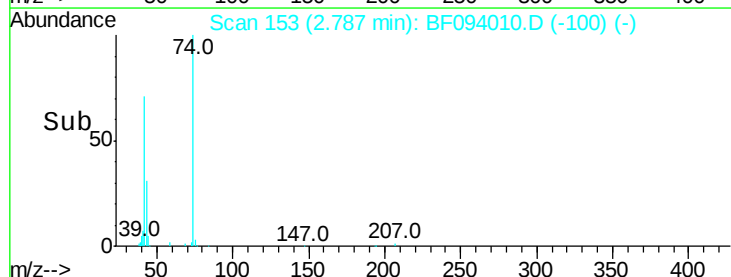
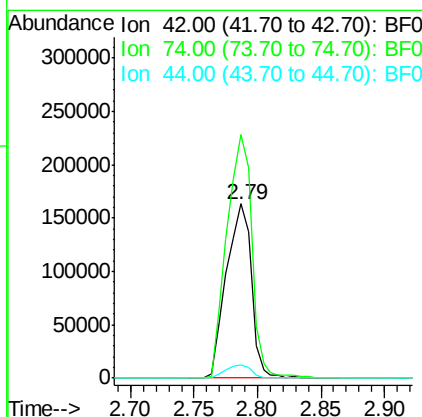
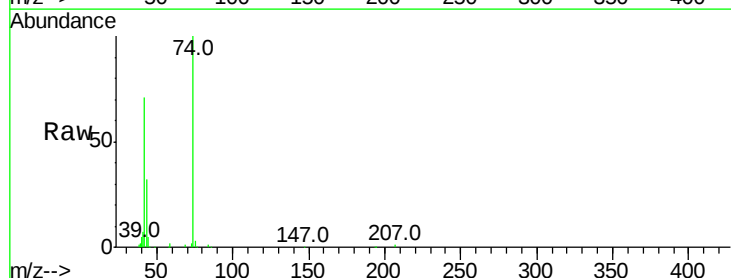
RT: 2.79 min Scan# 153

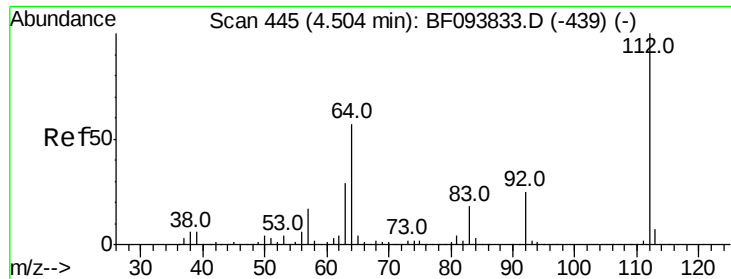
Delta R.T. 0.01 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Tgt Ion:	42	Resp:	224878
Ion	Ratio	Lower	Upper
42	100		
74	140.0	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 123.82 ng

RT: 4.48 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

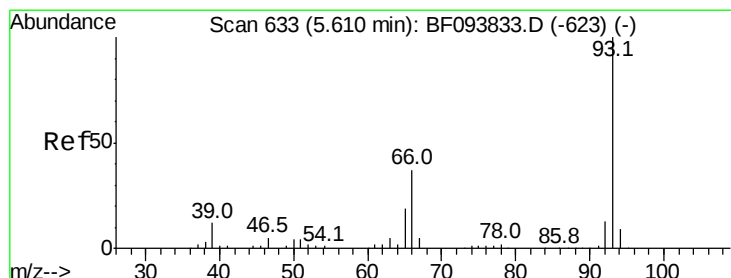
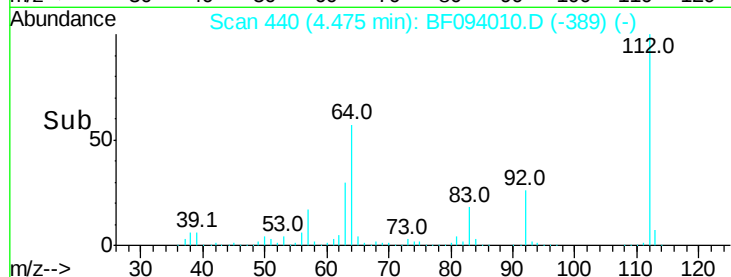
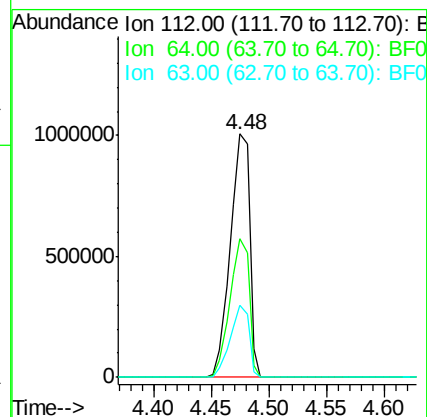
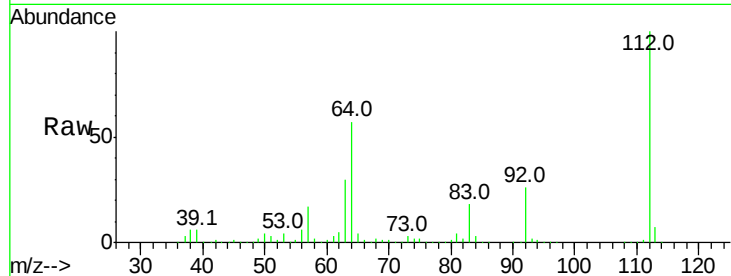
ClientSampleId :

HHD-GW1MSD

Tot Ion:	112	Resp:	1171731
Ion Ratio	Lower	Upper	
112	100		
64	57.2	46.0	69.0
63	29.8	23.4	35.0

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#6

Aniline

Concen: 18.79 ng

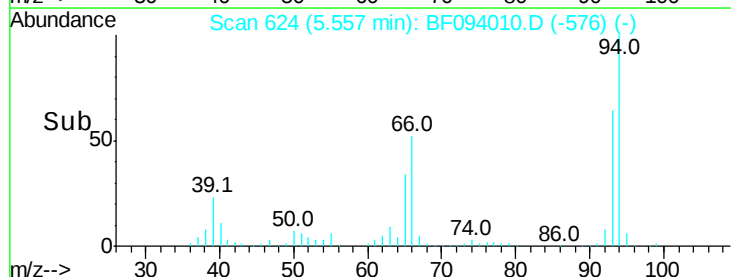
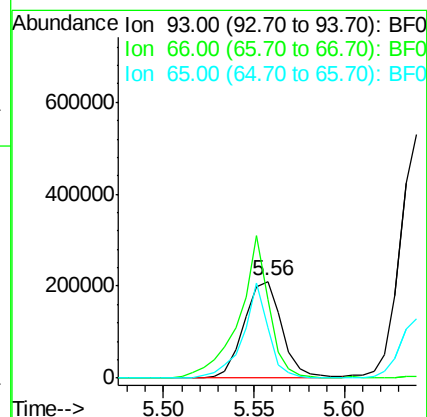
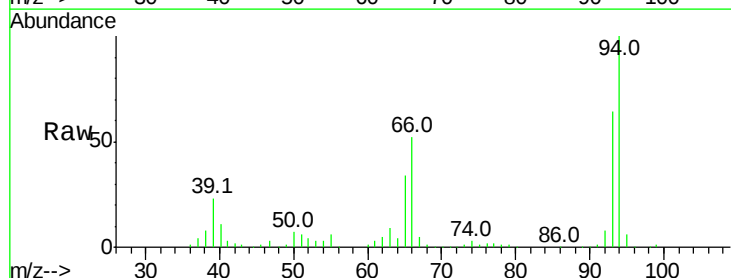
RT: 5.56 min Scan# 624

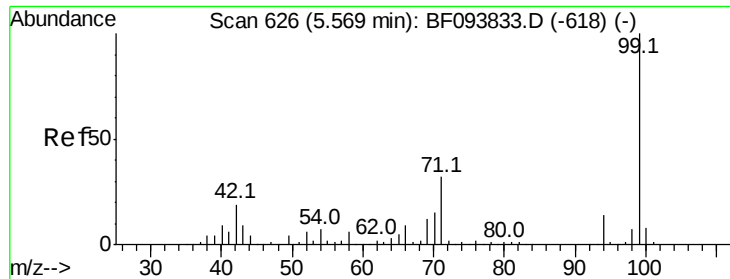
Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Tgt Ion:	93	Resp:	306045
Ion Ratio	Lower	Upper	
93	100		
66	81.3	32.9	49.3#
65	52.4	16.0	24.0#





#7

Phenol-d6

Concen: 123.66 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

ClientSampled :

HHD-GW1MSD

Tot Ion: 99 Resp: 1447700

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

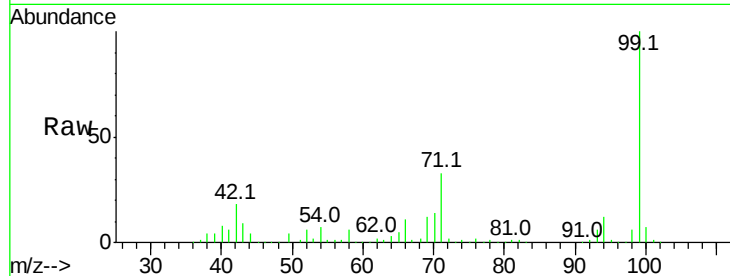
71 33.2 24.5 36.7

Manual Integrations

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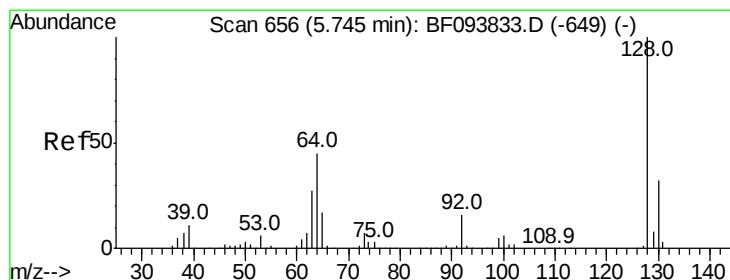
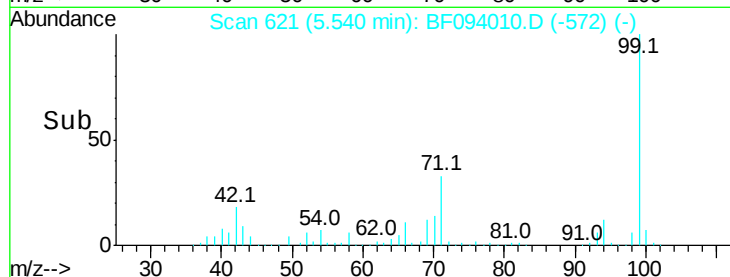
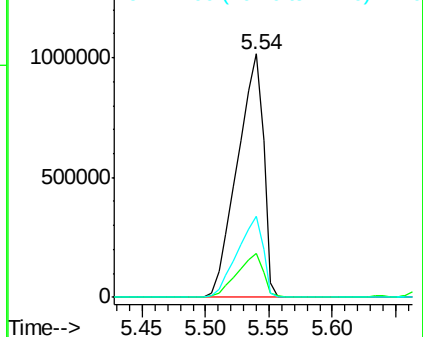
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.79 ng

RT: 5.70 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

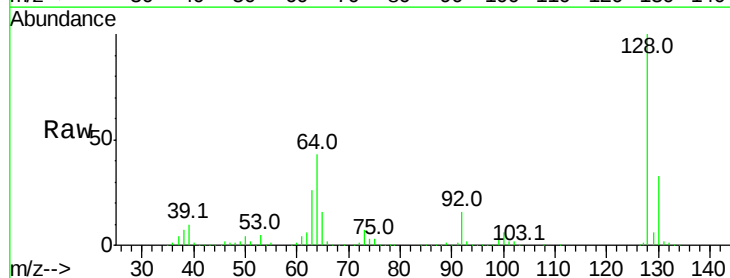
Tgt Ion:128 Resp: 497049

Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

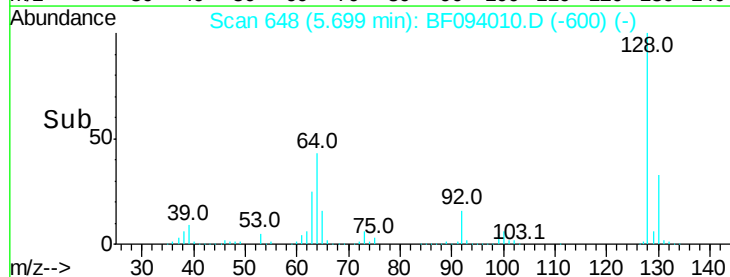
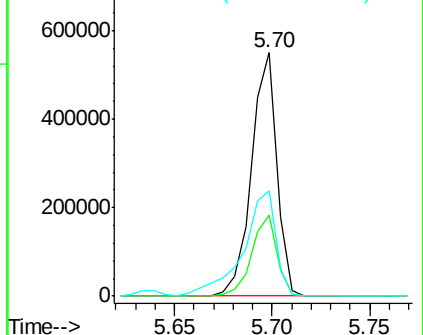
64 43.4 28.4 68.4

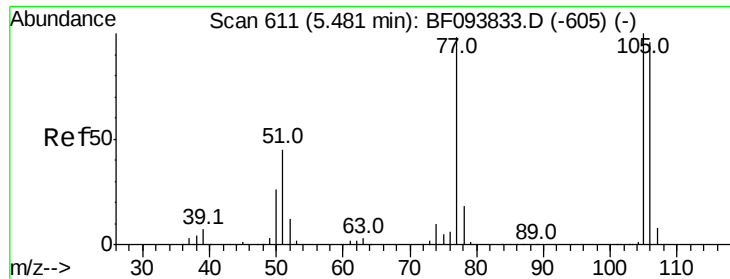


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





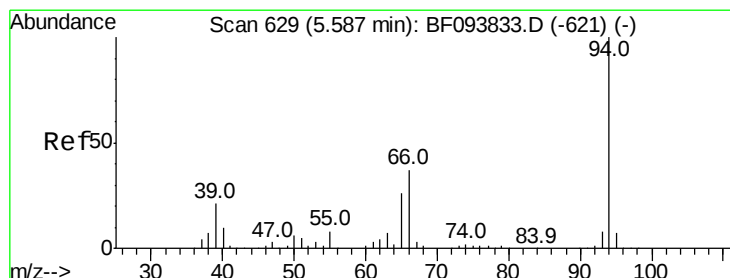
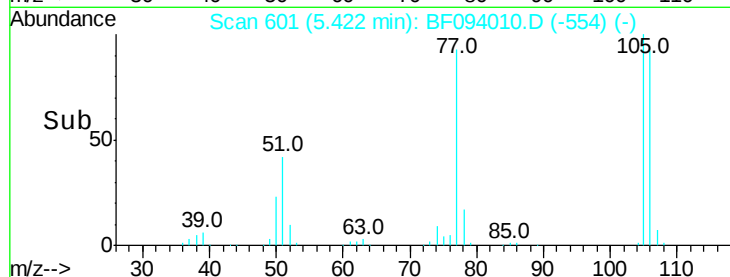
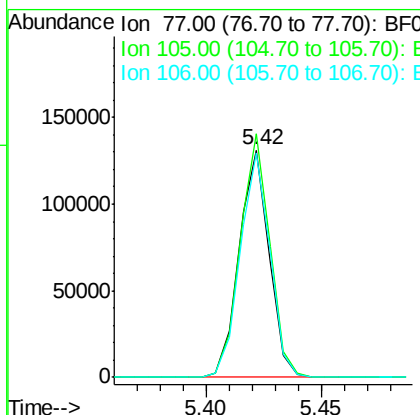
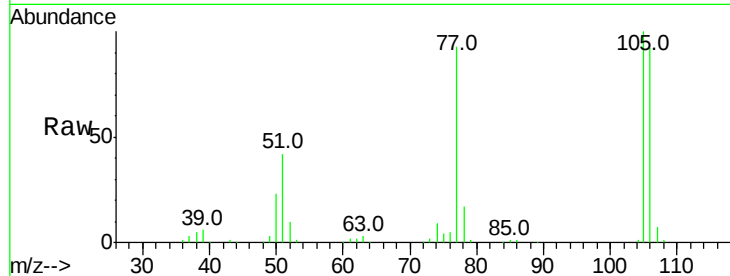
#9
Benzaldehyde
Concen: 15.02 ng
RT: 5.42 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF094010.D
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Instrument :
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ClientSampleId :
HHD-GW1MSD

Tot Ion: 77 Resp: 118733
Ion Ratio Lower Upper
77 100
105 107.3 83.8 123.8
106 98.7 79.1 119.1

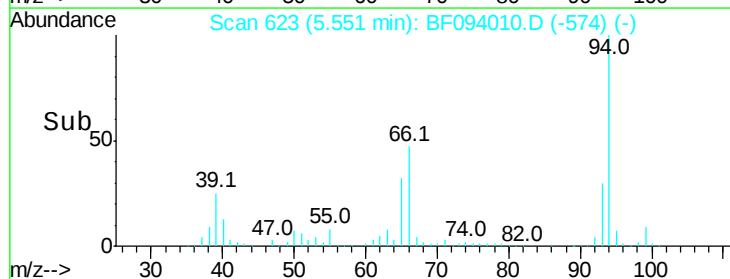
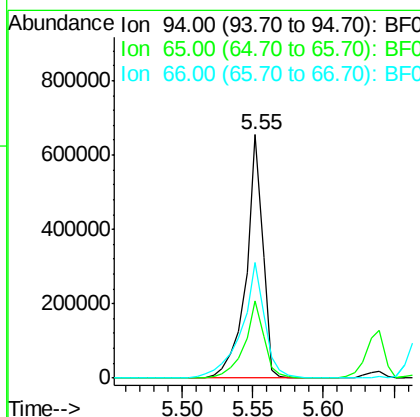
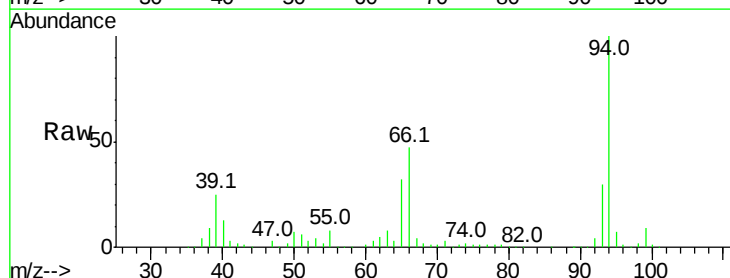
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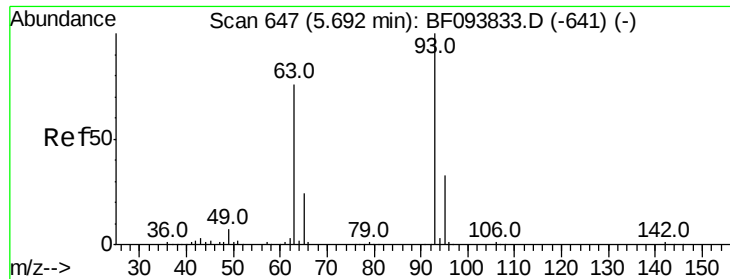
mohammad
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#10
Phenol
Concen: 40.35 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion: 94 Resp: 537561
Ion Ratio Lower Upper
94 100
65 31.6 9.9 49.9
66 47.3 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 45.87 ng

RT: 5.64 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

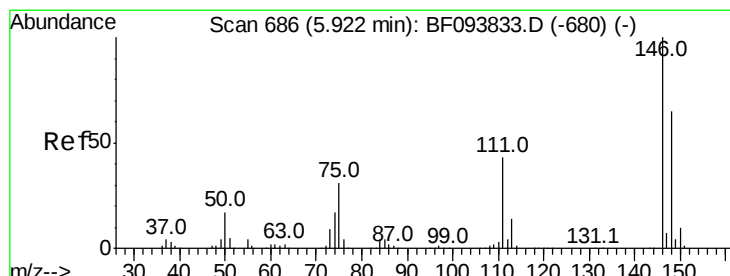
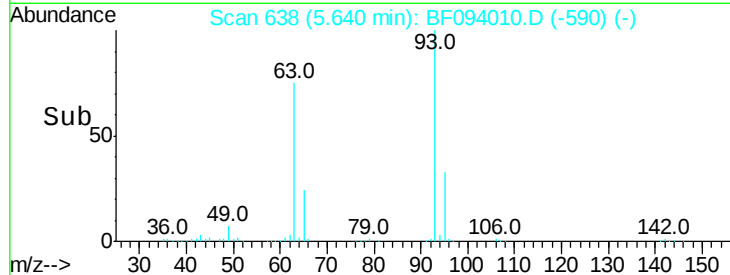
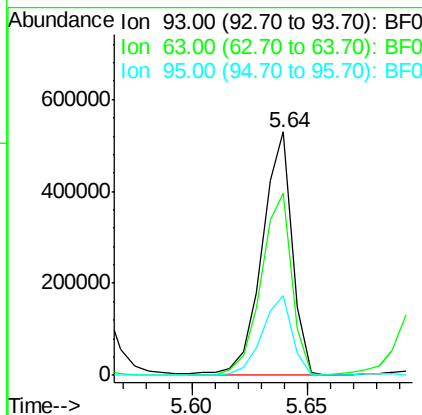
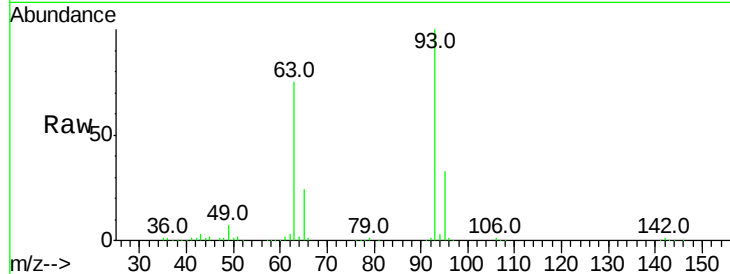
ClientSampleId :

HHD-GW1MSD

Tot Ion:	93	Resp:	477528
Ion Ratio	Lower	Upper	
93	100		
63	74.9	59.2	99.2
95	32.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 46.54 ng

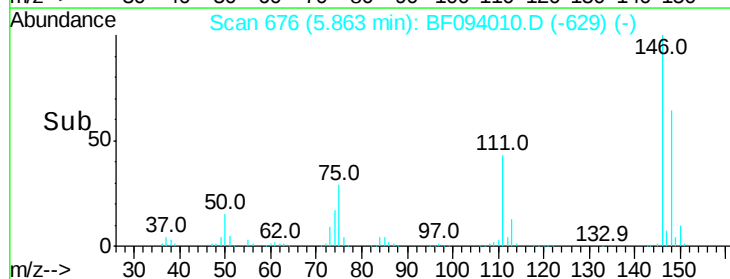
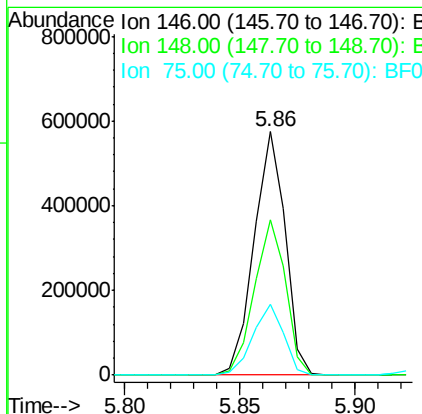
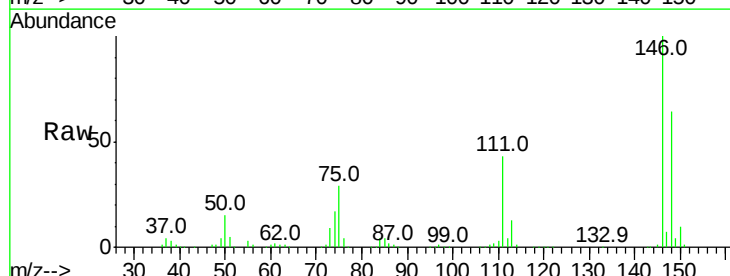
RT: 5.86 min Scan# 676

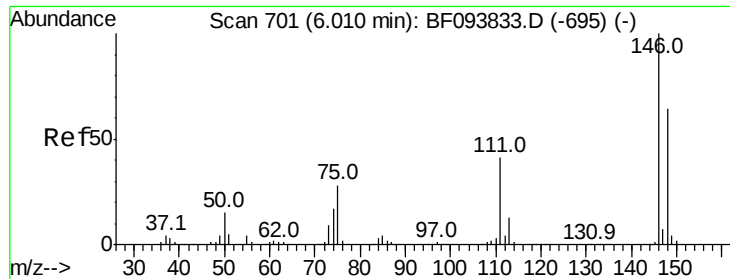
Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Tgt Ion:	146	Resp:	543013
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.6
75	28.9	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 46.05 ng

RT: 5.95 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

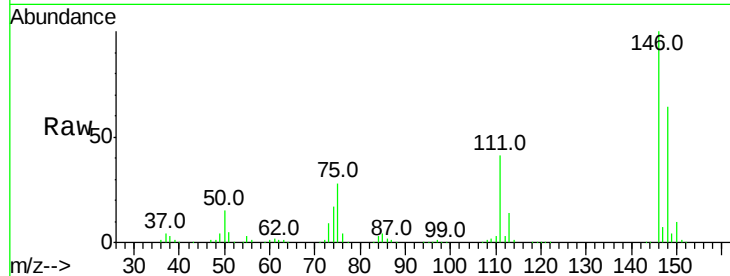
ClientSampleId :

HHD-GW1MSD

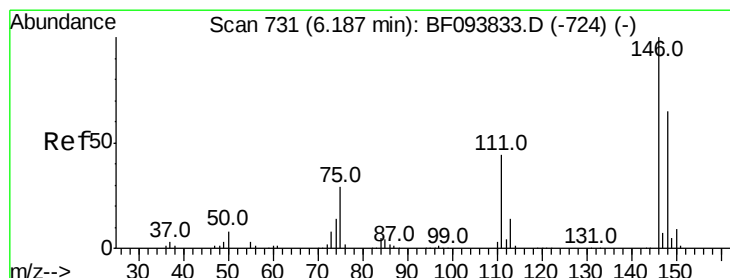
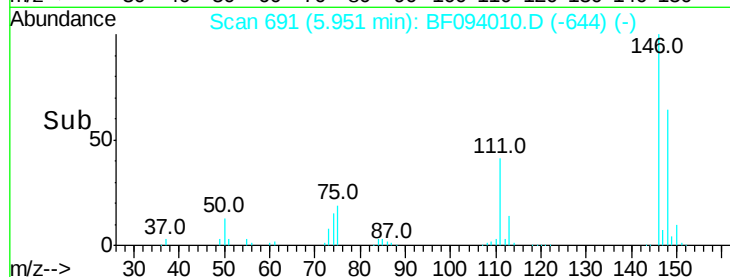
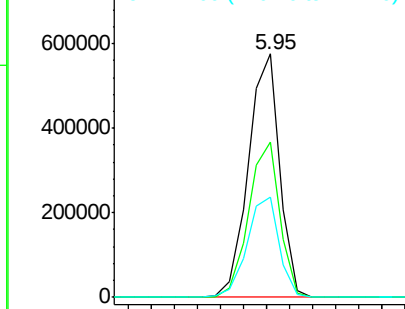
Tot Ion:	146	Resp:	544200
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	41.2	30.3	45.5

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



#14

1,2-Dichlorobenzene

Concen: 46.58 ng

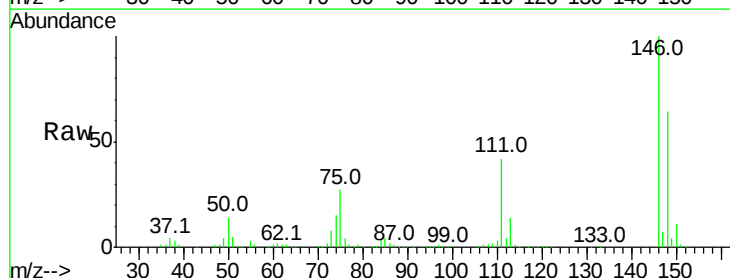
RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

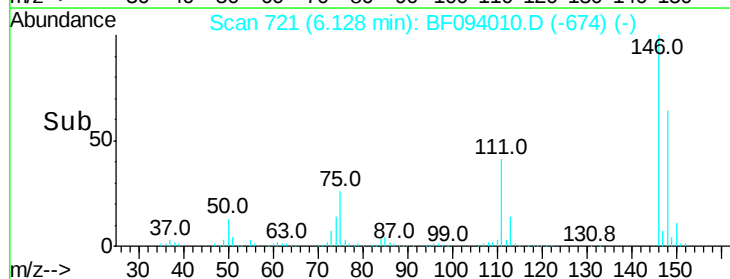
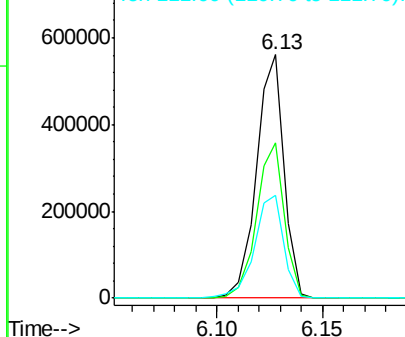
Lab File: BF094010.D

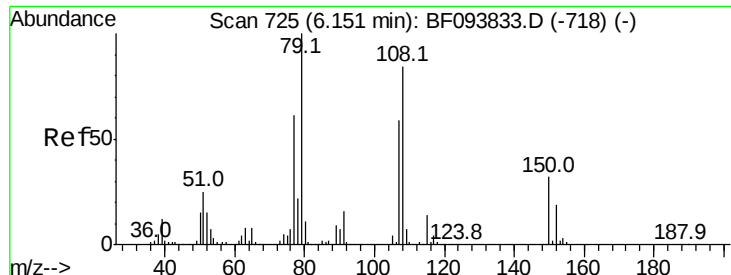
Acq: 28 Mar 2017 23:21

Tgt Ion:	146	Resp:	506895
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
111	42.0	38.2	57.4



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





#15

Benzyl Alcohol

Concen: 49.16 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

ClientSampleId :

HHD-GW1MSD

Tot Ion: 79 Resp: 421210

Ion Ratio Lower Upper

79 100

108 79.7 63.4 95.0

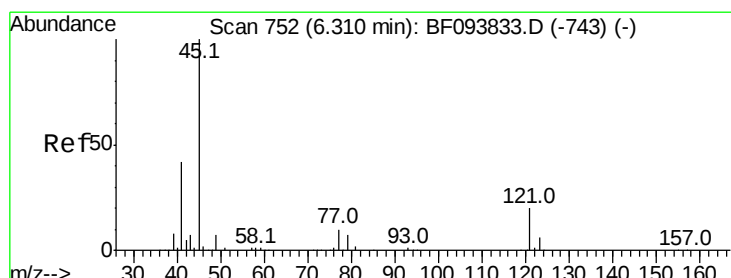
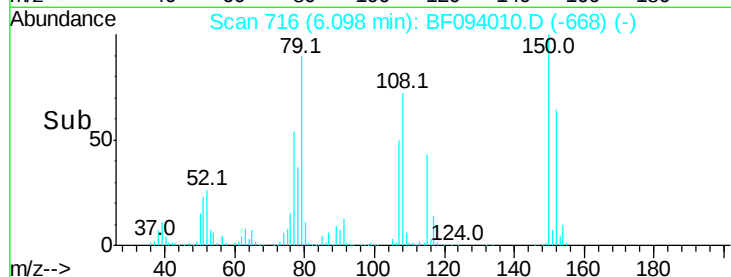
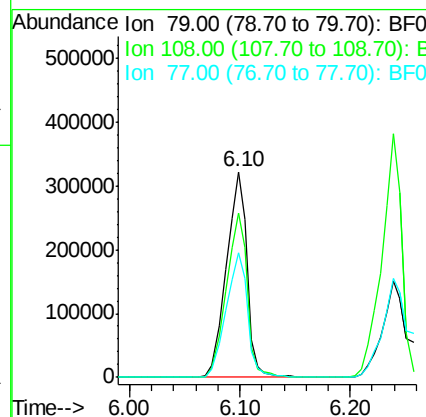
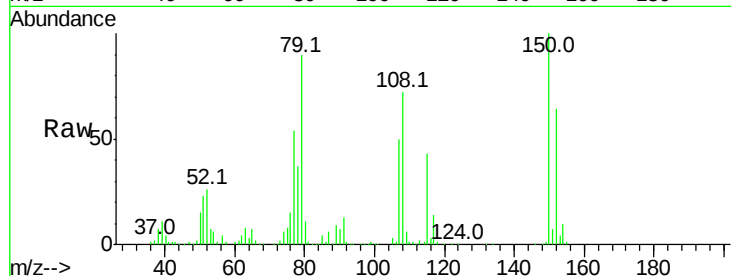
77 60.6 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.25 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

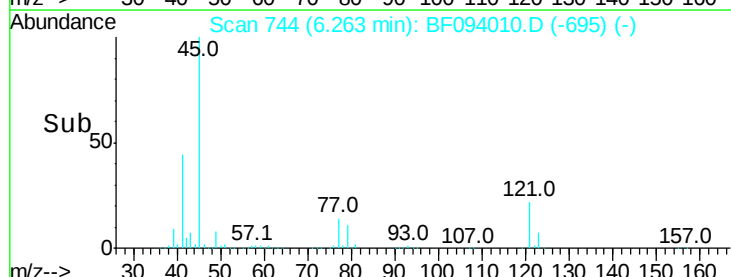
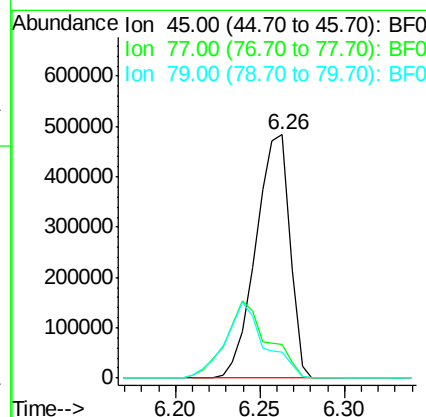
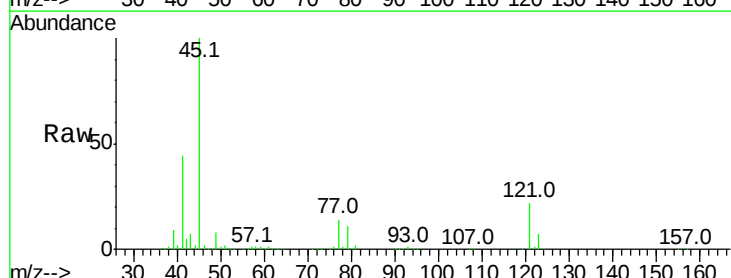
Tgt Ion: 45 Resp: 677777

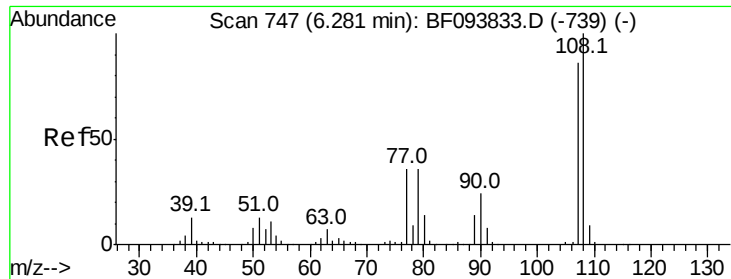
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.2

79 10.9 0.0 30.0





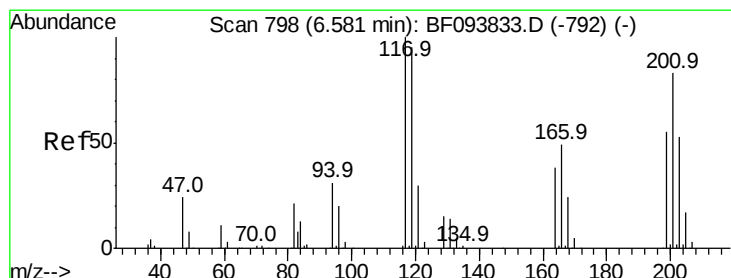
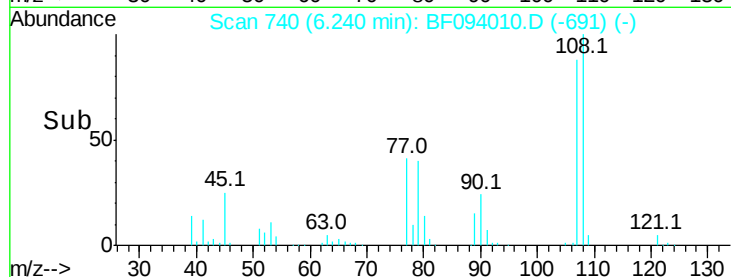
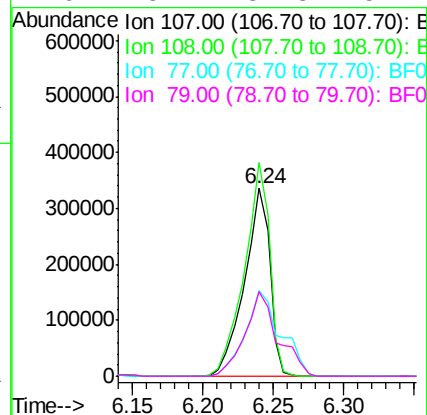
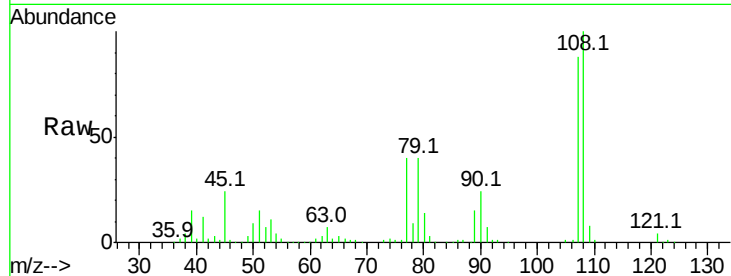
#17
2-Methylphenol
Concen: 47.37 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.4	140.0
77	46.0	35.8	53.6
79	45.2	34.8	52.2

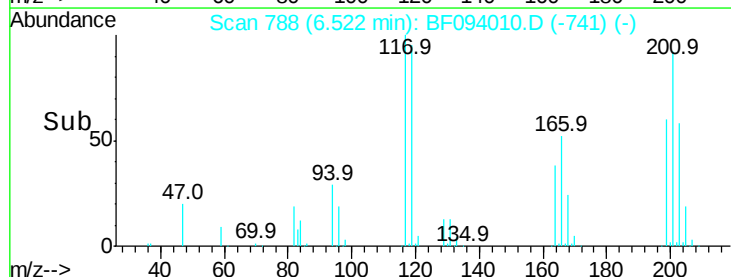
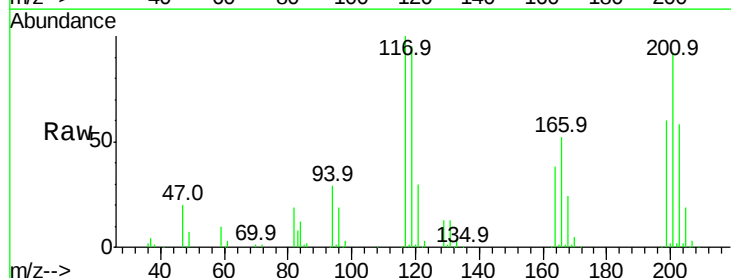
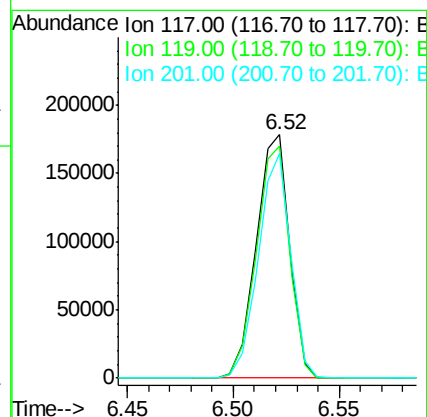
Manual Integrations
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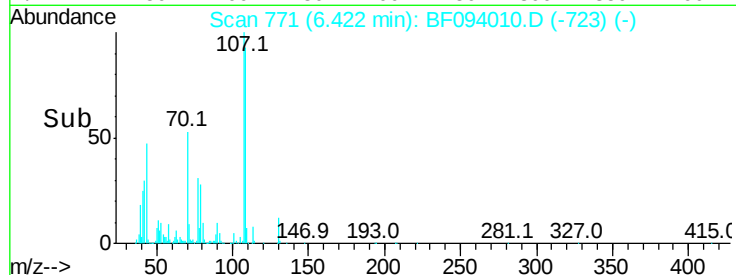
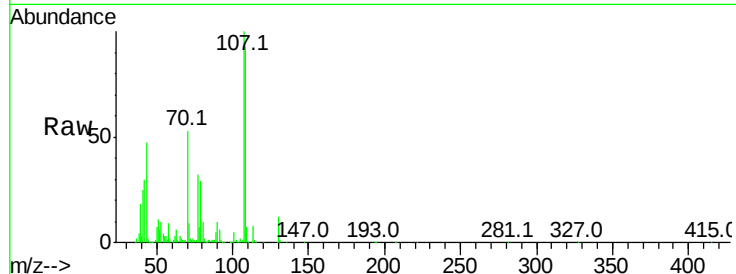
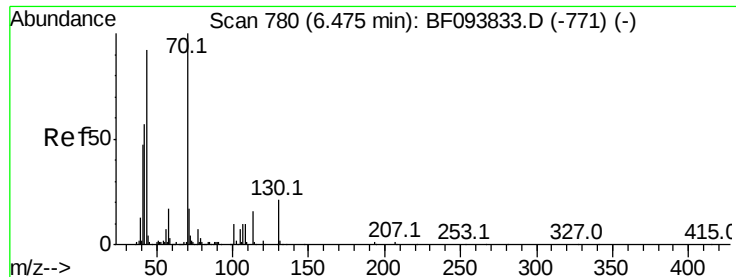
mohammad
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#18
Hexachloroethane
Concen: 47.00 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	92.0	94.6	141.8#





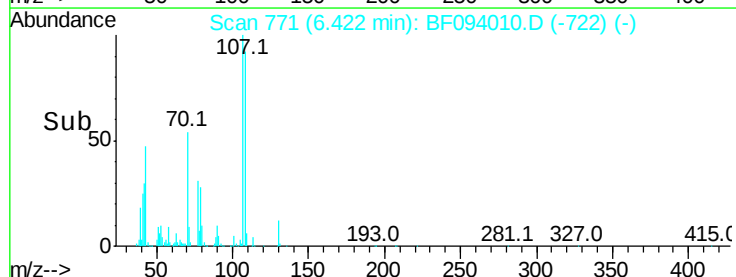
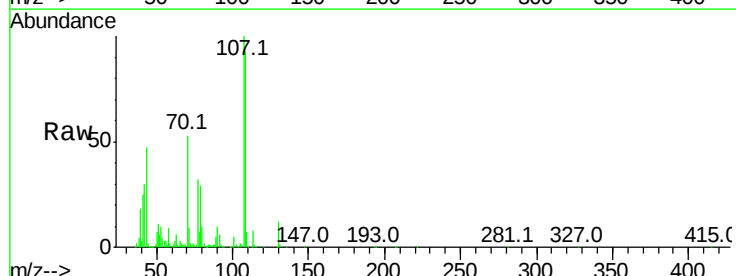
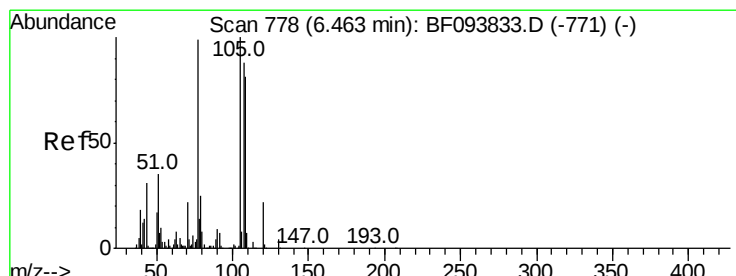
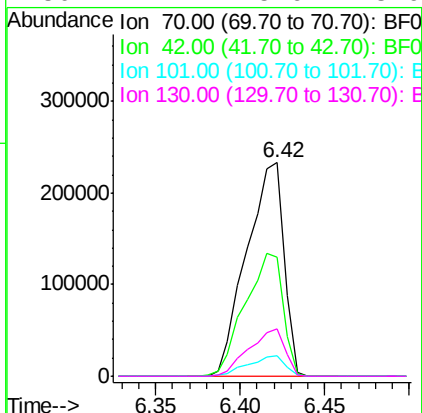
#19
n-Nitroso-di-n-propylamine
Concen: 47.69 ng
RT: 6.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	47.2	70.8	
101	9.7	7.2	10.8	
130	22.1	15.9	23.9	

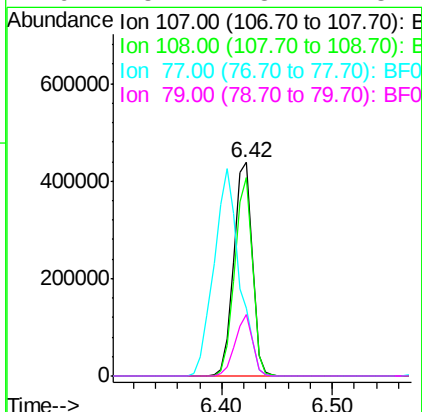
Manual Integrations
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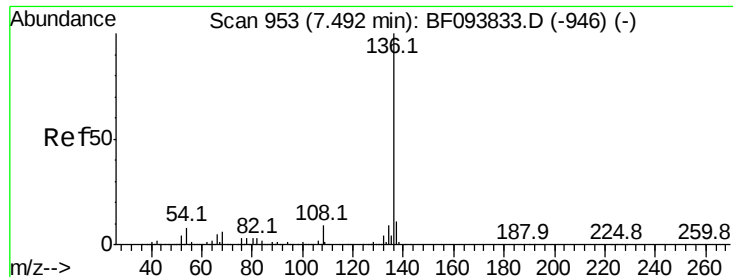
mohammad
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#20
3+4-Methylphenols
Concen: 48.09 ng
RT: 6.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	71.0	111.0	
77	31.6	90.5	130.5#	
79	28.7	8.4	48.4	





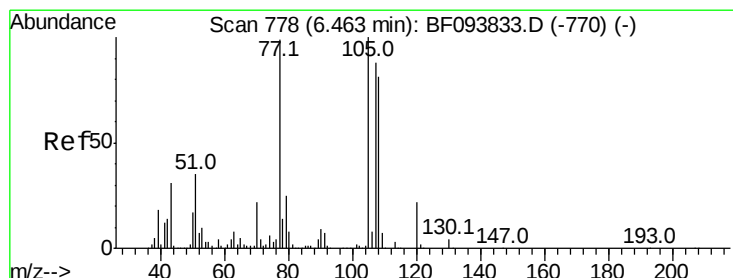
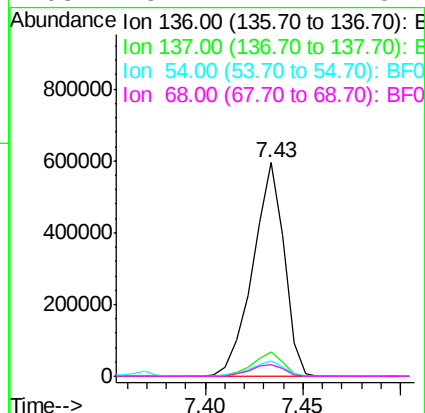
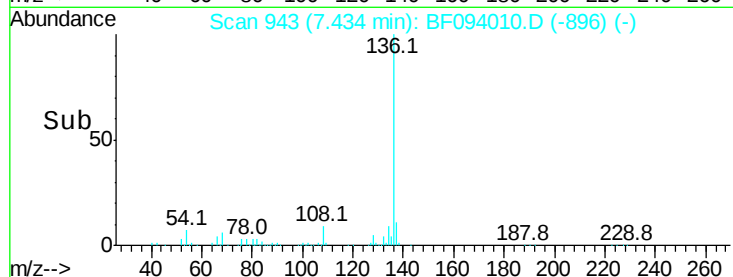
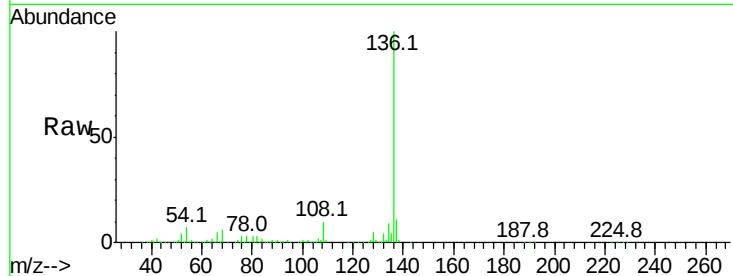
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	661674		
137	11.2		8.5	12.7
54	7.0		4.9	7.3
68	5.7		4.1	6.1

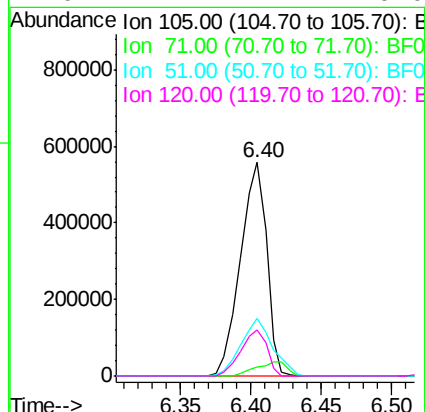
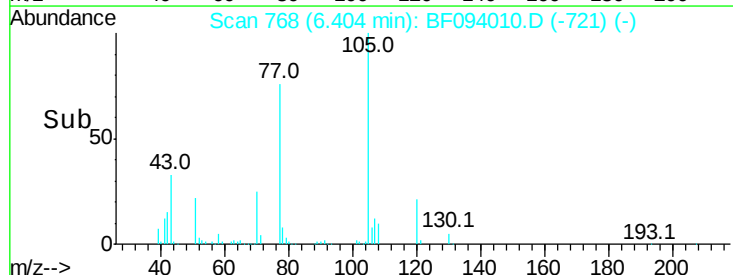
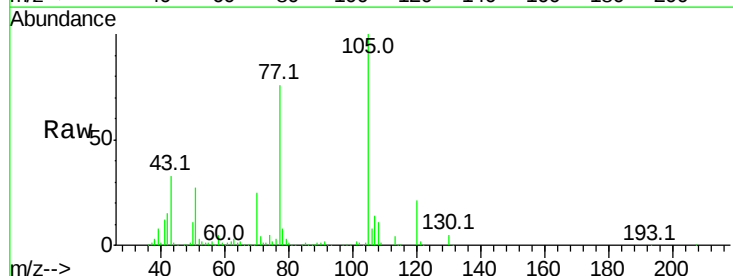
Manual Integrations
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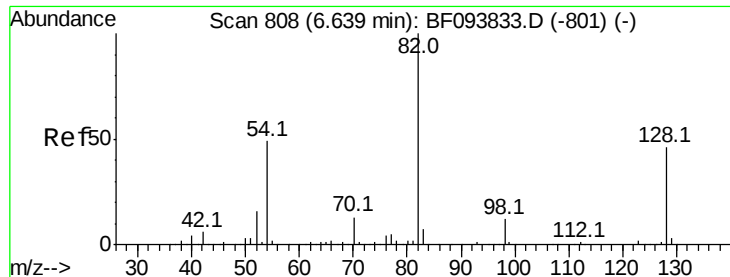
mohammad
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#22
Acetophenone
Concen: 49.14 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	724608		
71	4.4		2.8	4.2#
51	26.8		30.7	46.1#
120	21.4		17.4	26.0





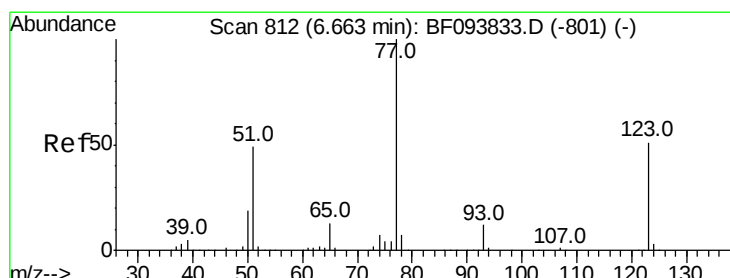
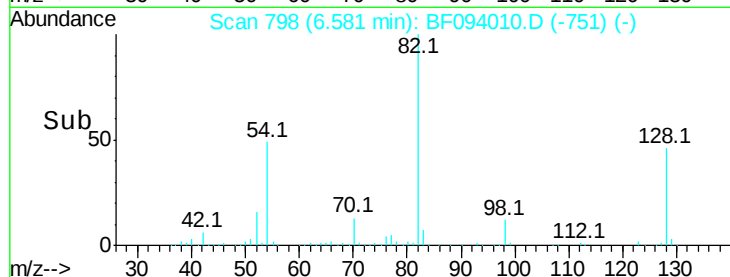
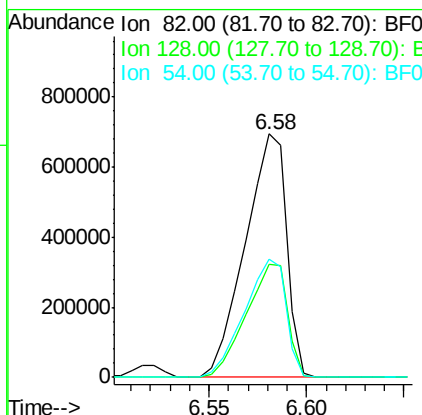
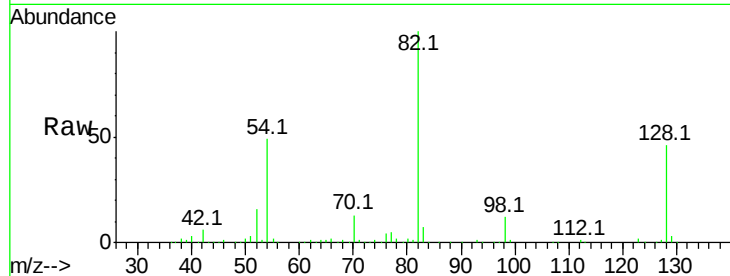
#23
Nitrobenzene-d5
Concen: 87.90 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion: 82 Resp: 1019106
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 48.7 42.2 63.2

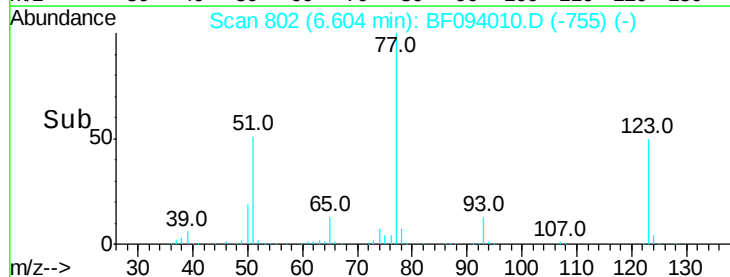
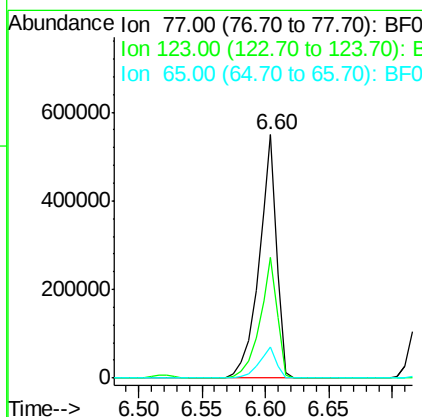
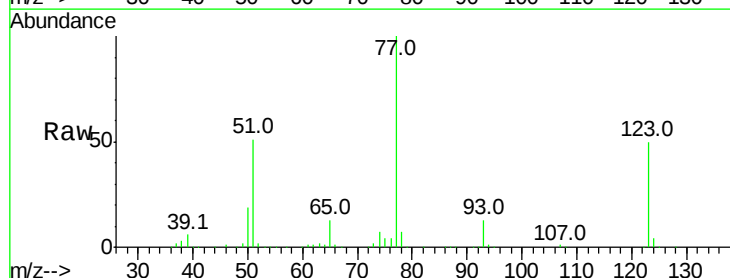
Manual Integrations
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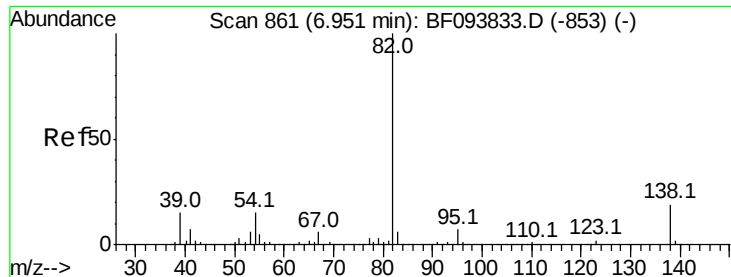
mohammad
3/29/2017 1:57:02 PM



#24
Nitrobenzene
Concen: 46.41 ng
RT: 6.60 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion: 77 Resp: 530648
Ion Ratio Lower Upper
77 100
123 49.5 35.8 53.8
65 12.8 10.6 15.8





#25

Isophorone

Concen: 48.36 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

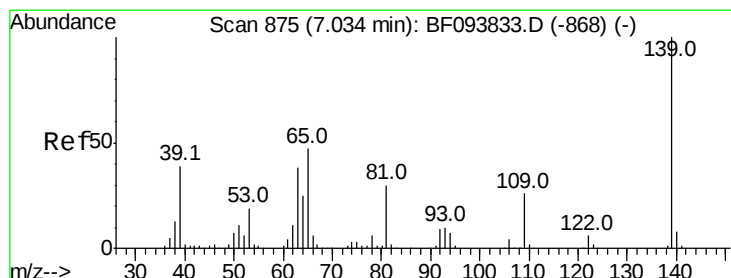
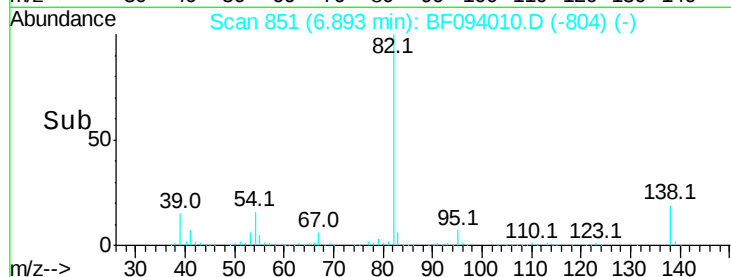
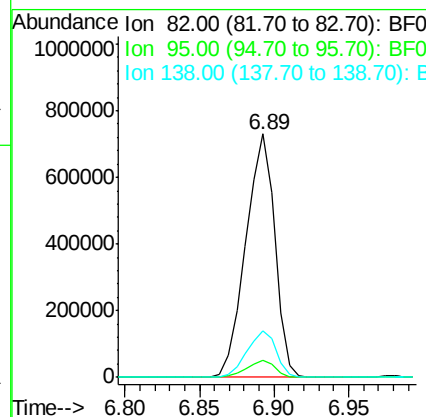
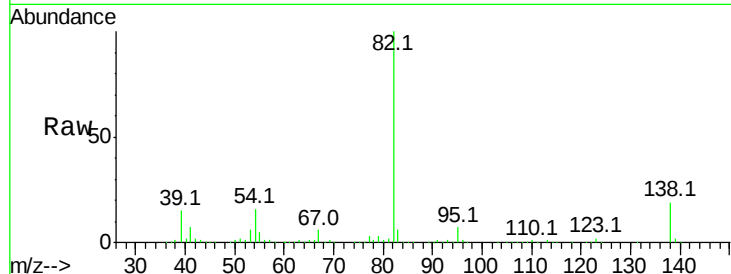
ClientSampleId :

HHD-GW1MSD

Tot Ion:	82	Resp:	985204
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	19.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.08 ng

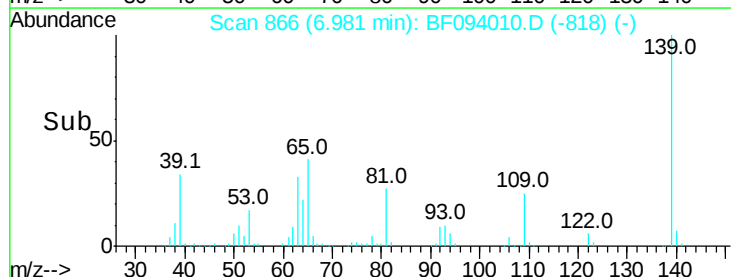
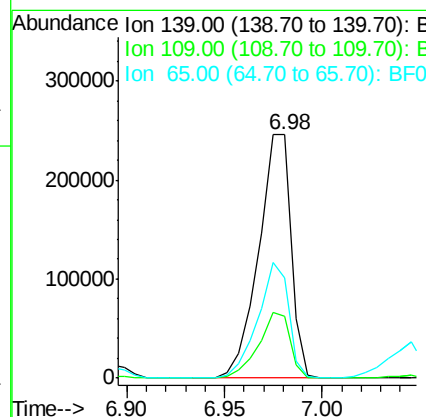
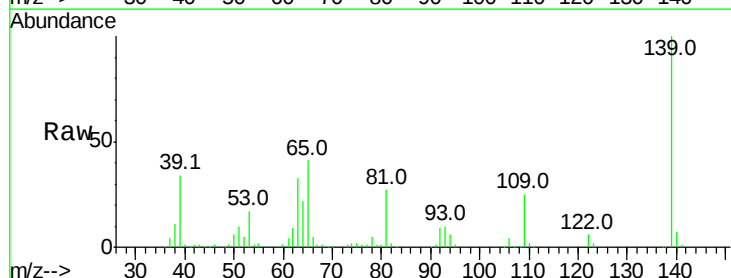
RT: 6.98 min Scan# 866

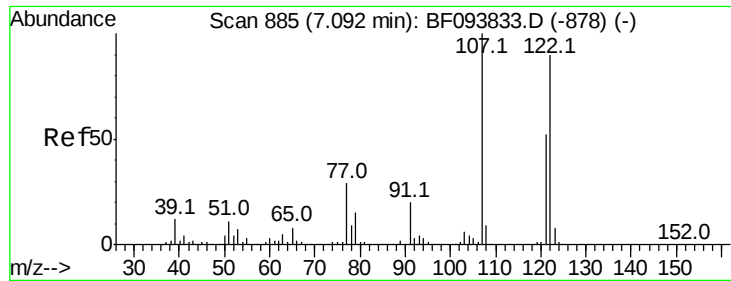
Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Tgt Ion:	139	Resp:	284025
Ion Ratio	Lower	Upper	
139	100		
109	25.5	21.0	31.6
65	40.9	33.0	49.6





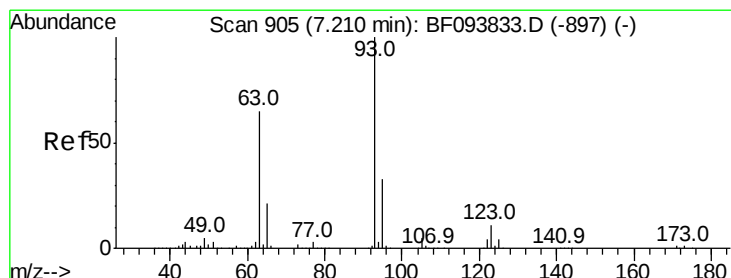
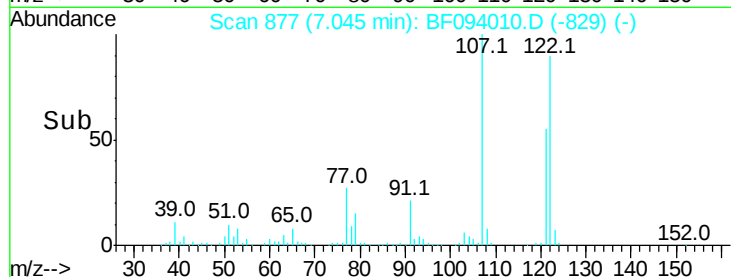
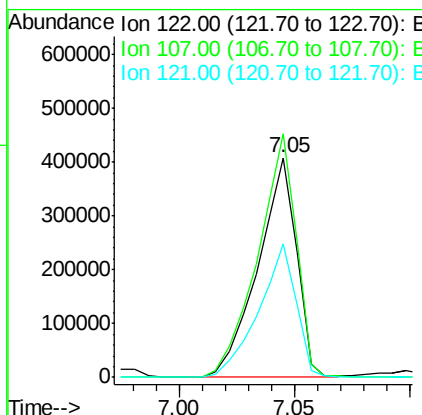
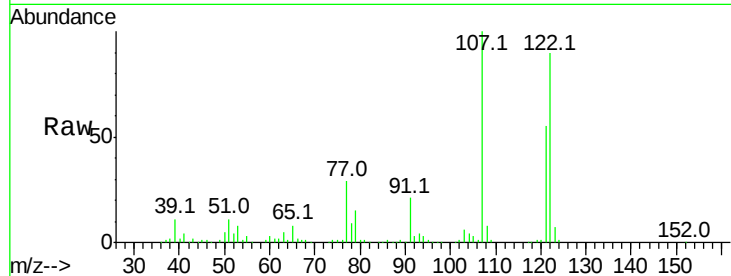
#27
2,4-Dimethylphenol
Concen: 50.50 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.2	133.8
121	60.9	45.2	67.8

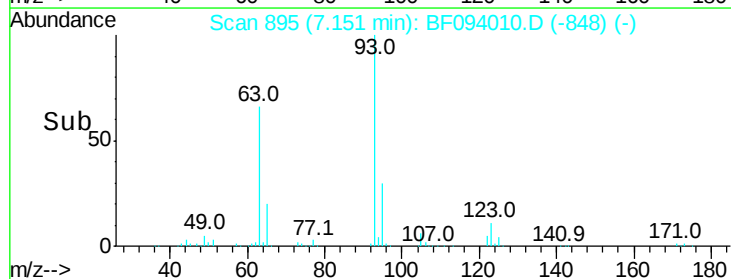
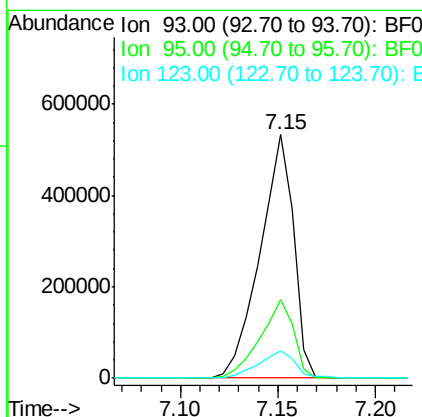
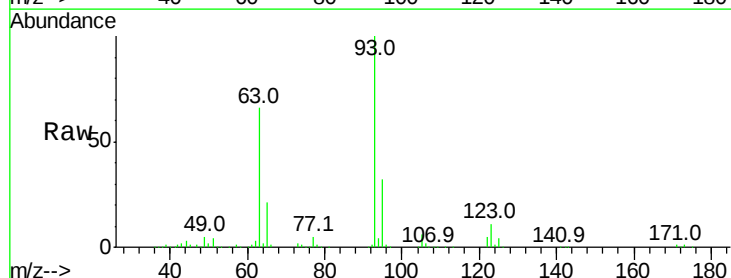
Manual Integrations
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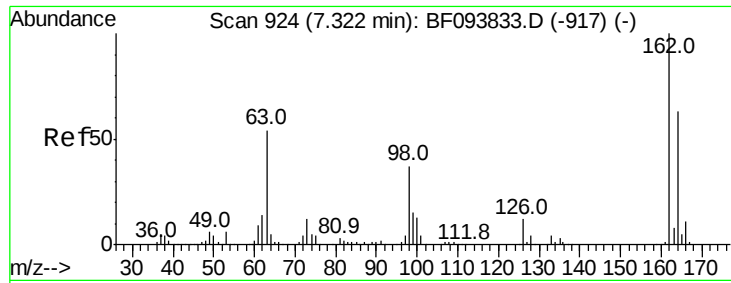
mohammad
3/29/2017 1:57:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.13 ng
RT: 7.15 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	11.4	9.0	13.4





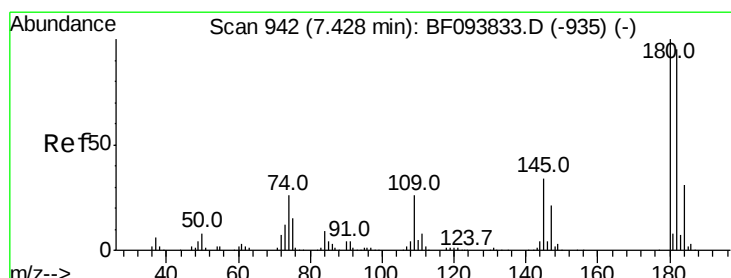
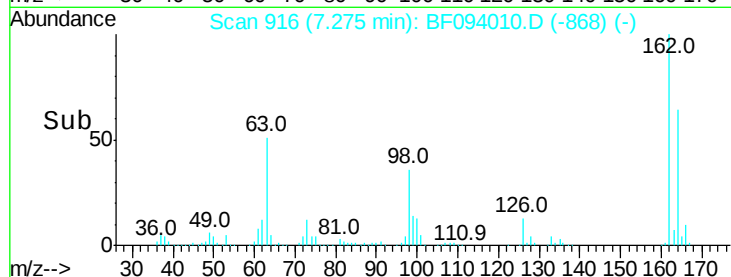
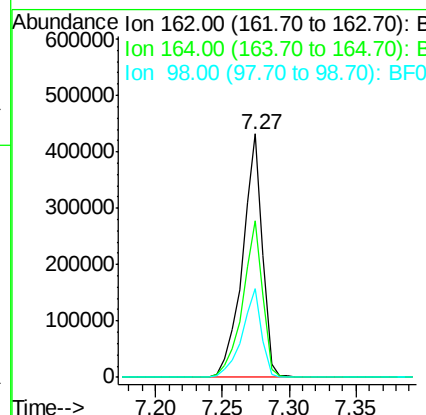
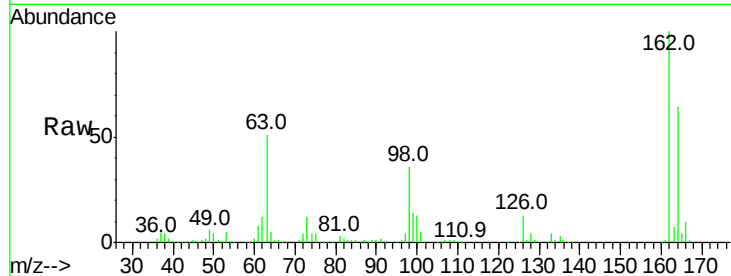
#29
 2,4-Dichlorophenol
 Concen: 50.92 ng
 RT: 7.27 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion:	162	Resp:	447333
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.6	84.6
98	36.2	14.8	54.8

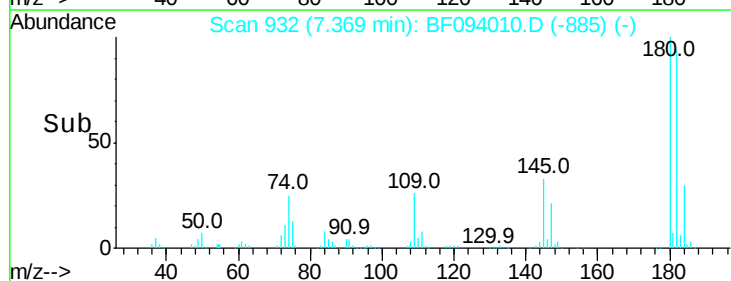
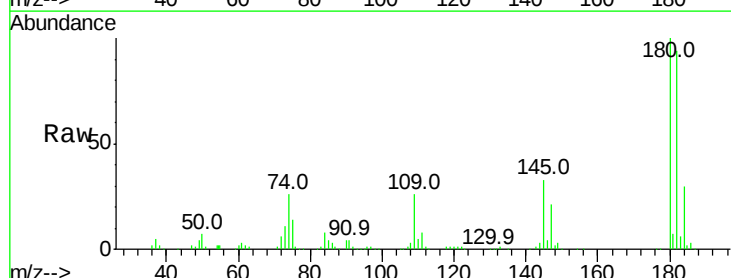
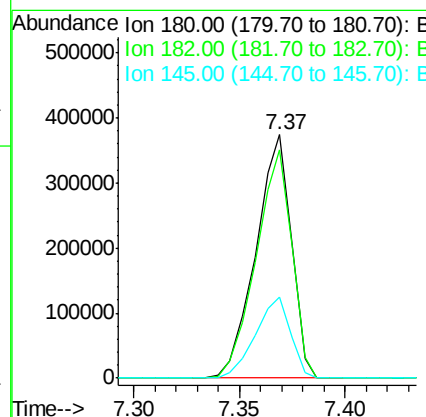
Manual Integrations
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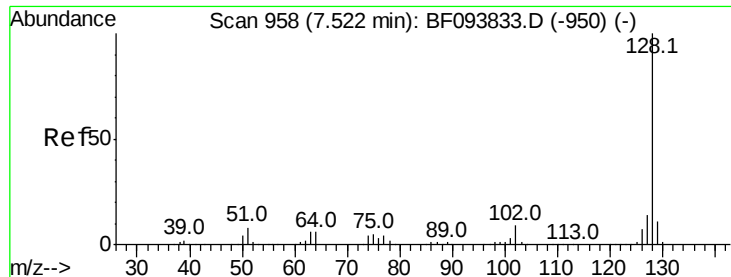
mohammad
 3/29/2017 1:57:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.20 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion:	180	Resp:	436141
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.8	113.6
145	33.4	25.3	37.9





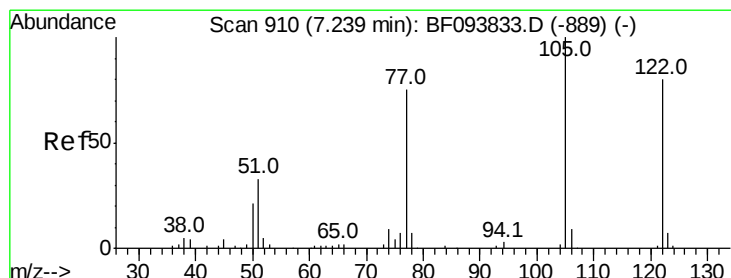
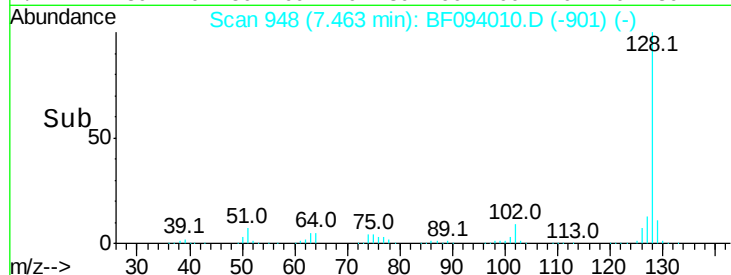
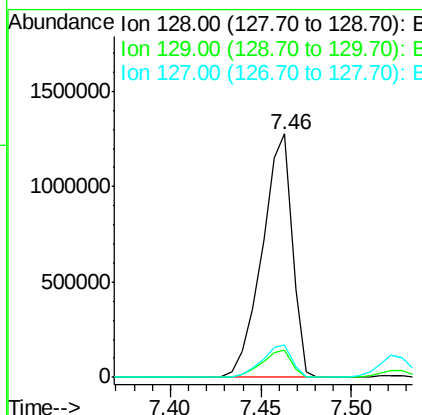
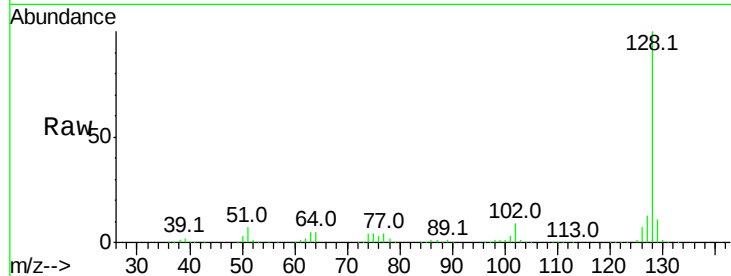
#31
Naphthalene
Concen: 46.23 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion:128 Resp: 1470975
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 10.8 16.2

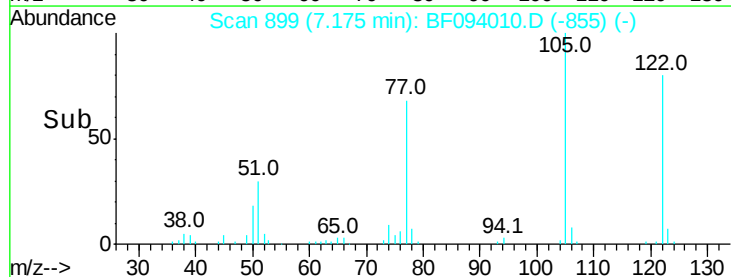
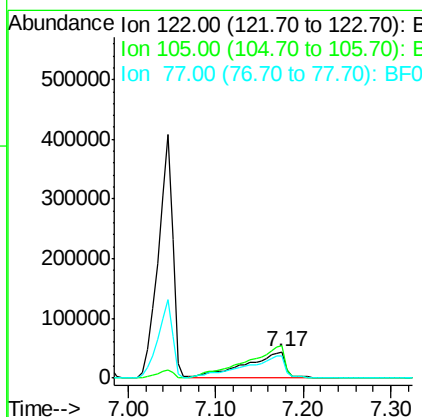
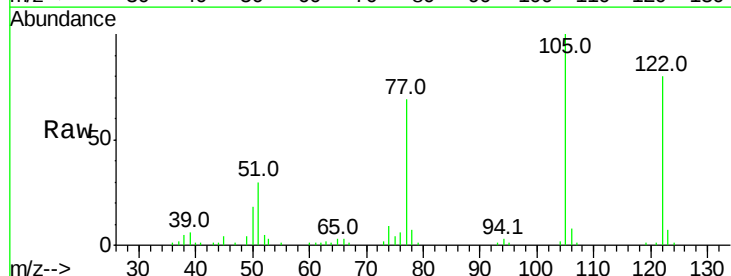
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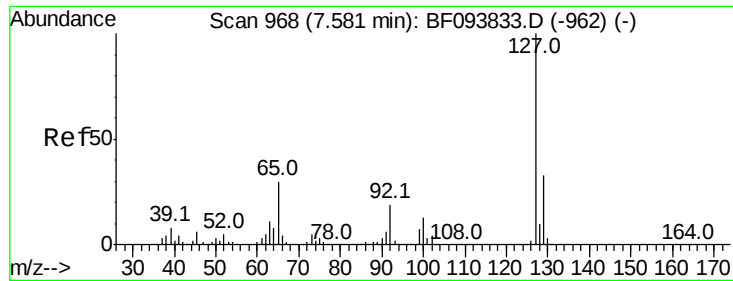
mohammad
3/29/2017 1:57:02 PM



#32
Benzoic acid
Concen: 22.02 ng
RT: 7.17 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion:122 Resp: 137729
Ion Ratio Lower Upper
122 100
105 125.0 103.3 143.3
77 86.7 73.7 113.7





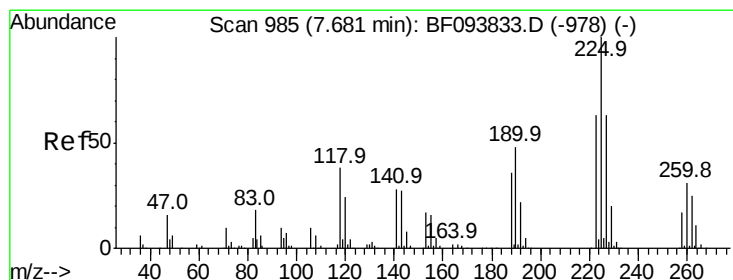
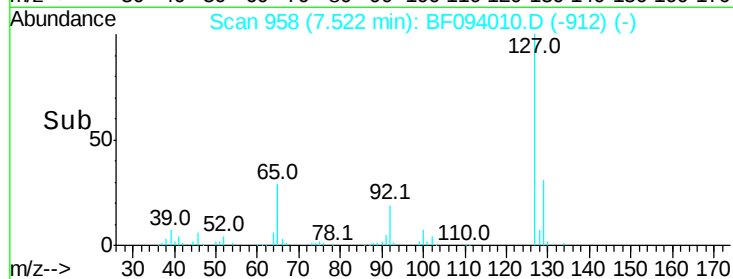
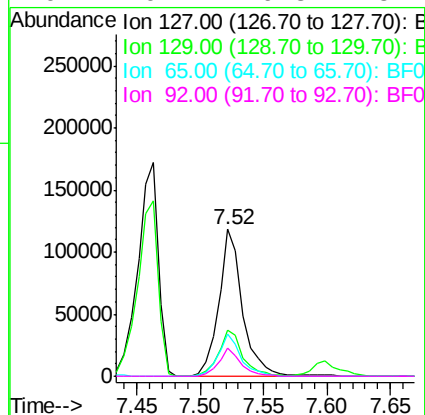
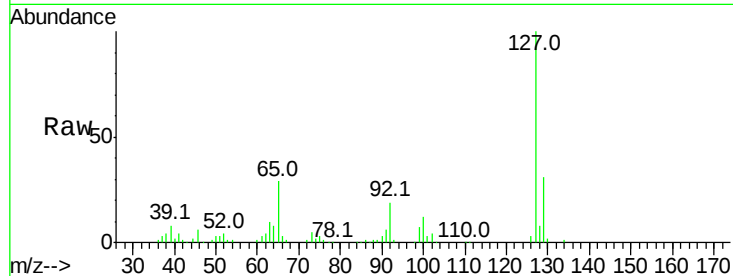
#33
4-Chloroaniline
Concen: 12.04 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.3	26.2	39.2
65	29.0	27.8	41.8
92	19.1	16.8	25.2

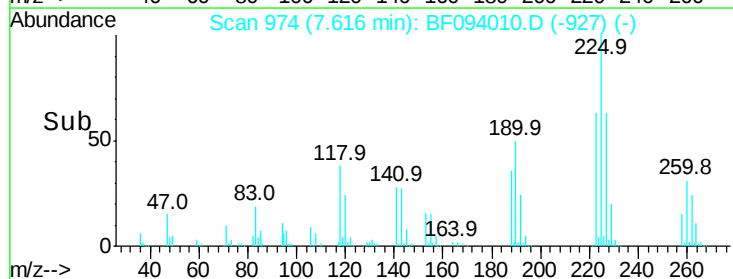
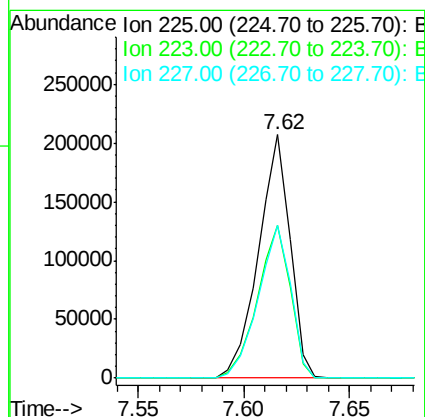
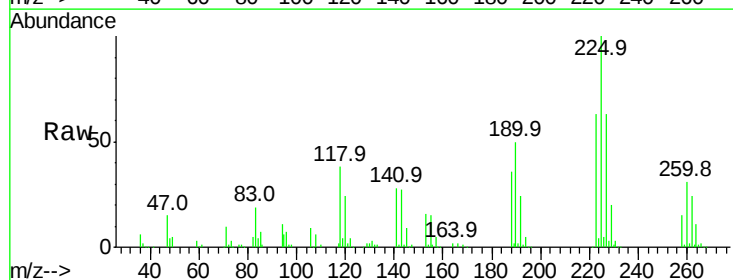
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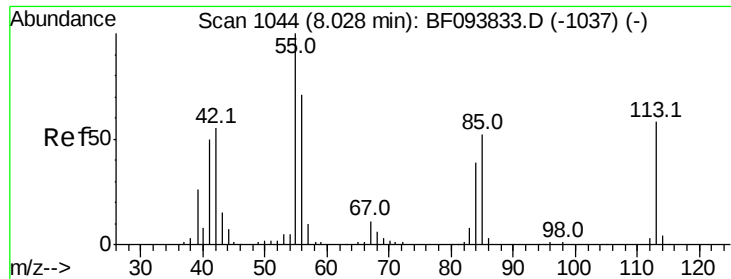
mohammad
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#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.0	48.8	73.2
227	62.9	51.1	76.7





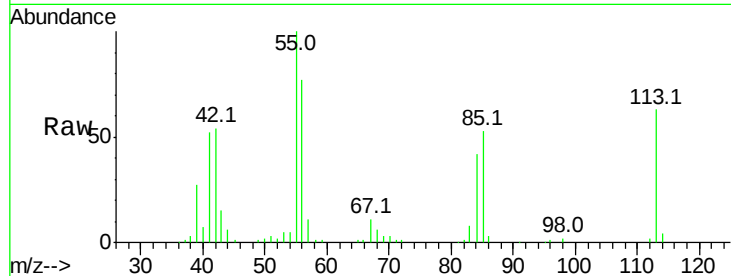
#35
Caprolactam
Concen: 45.50 ng/ml
RT: 7.98 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleID :
HHD-GW1MSD

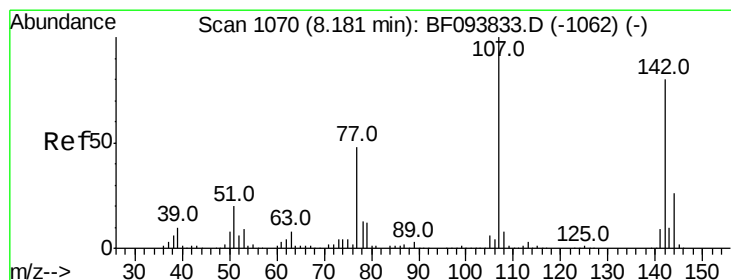
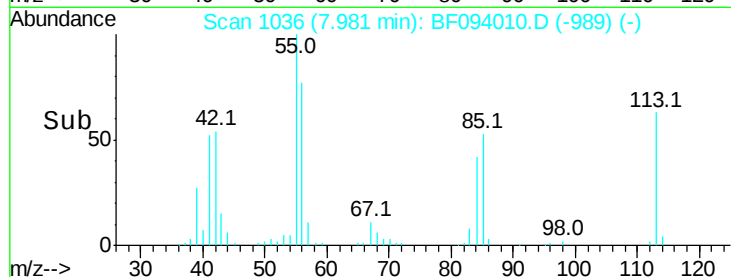
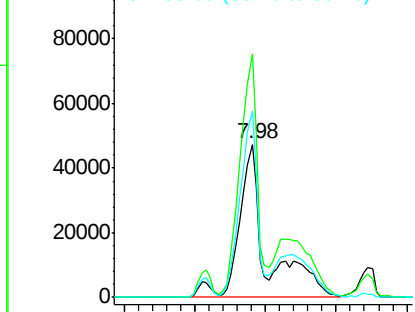
Tot Ion:113 Resp: 127469
Ion Ratio Lower Upper
113 100
55 158.8 150.2 190.2
56 121.6 107.8 147.8

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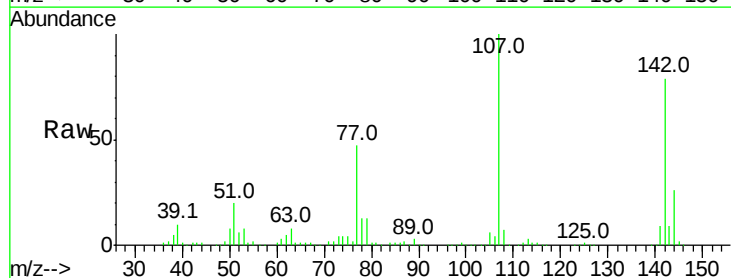


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

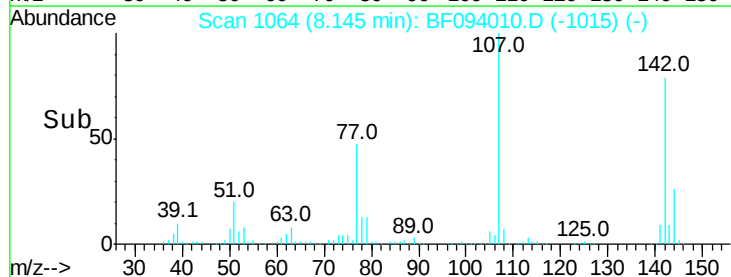
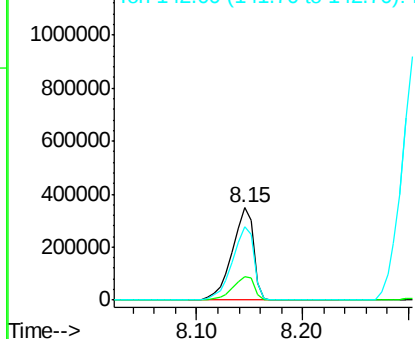


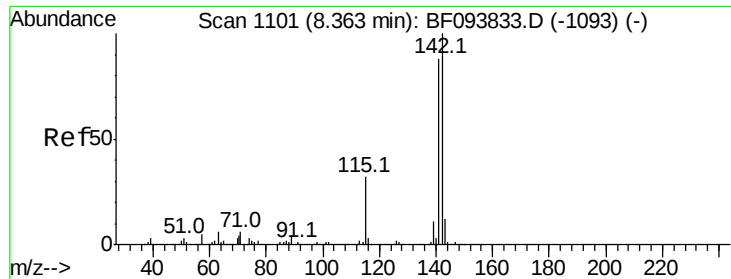
#36
4-Chloro-3-methylphenol
Concen: 52.39 ng/ml
RT: 8.15 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion:107 Resp: 480957
Ion Ratio Lower Upper
107 100
144 25.8 24.2 36.4
142 79.4 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





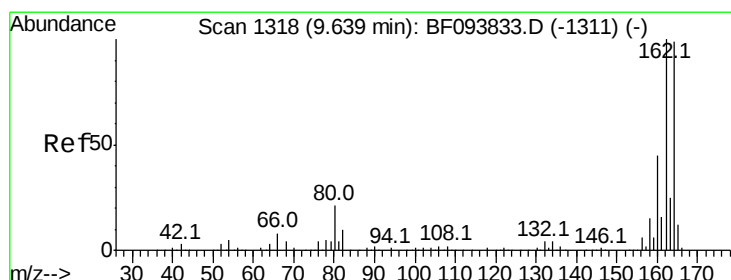
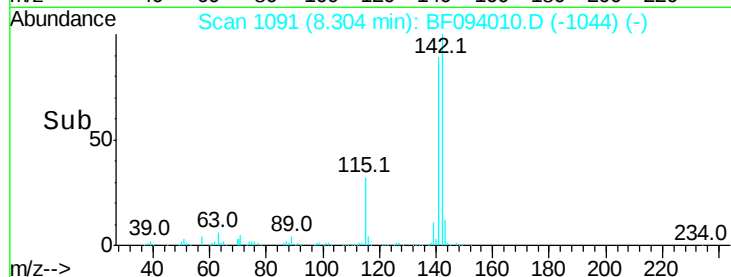
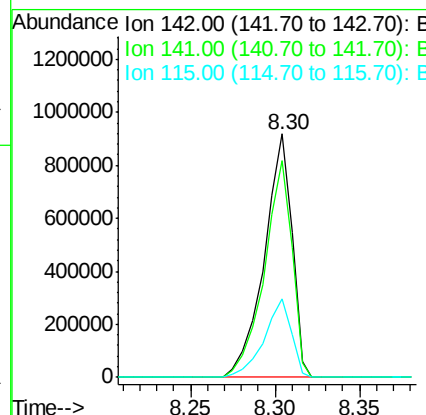
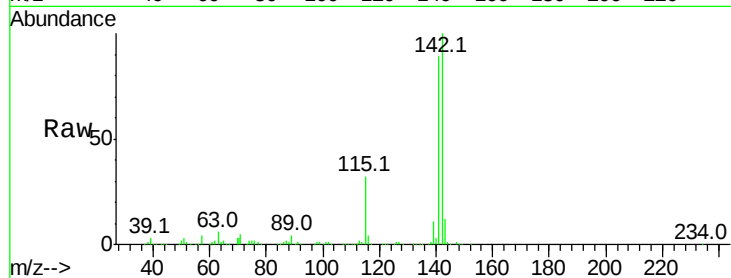
#37
2-Methylnaphthalene
Concen: 49.28 ng
RT: 8.30 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	32.1	27.1	40.7

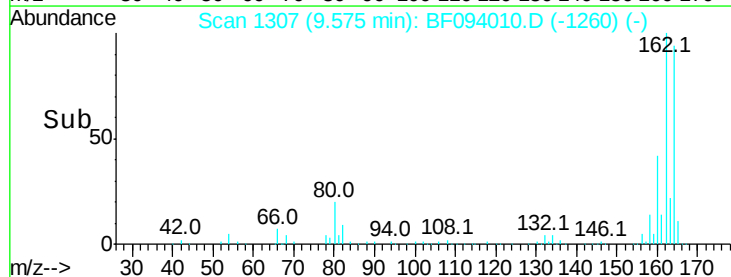
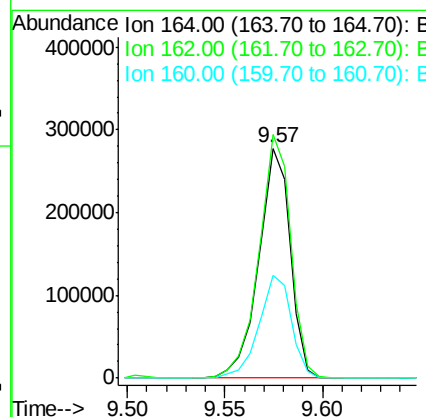
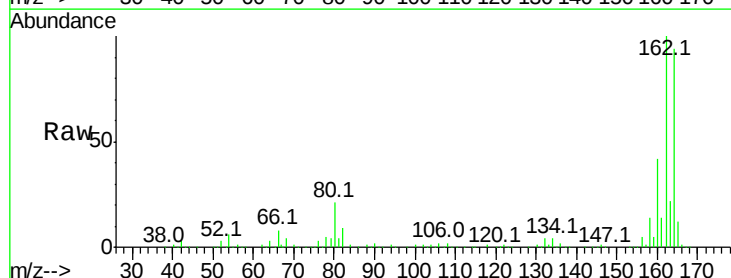
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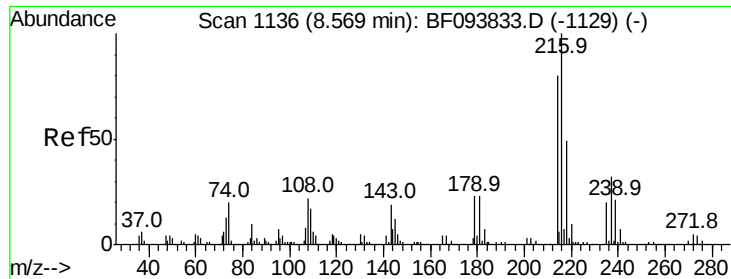
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	44.5	36.2	54.2





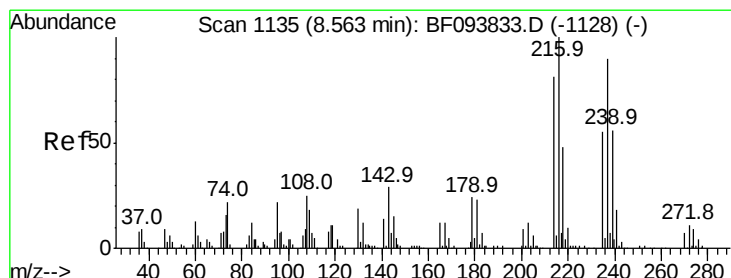
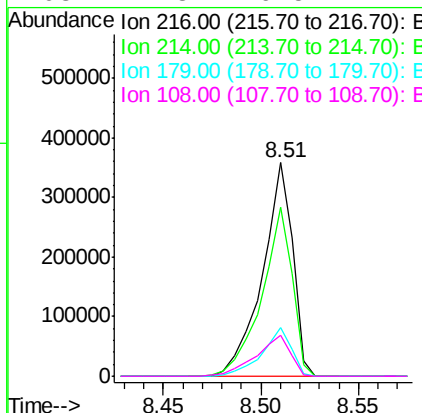
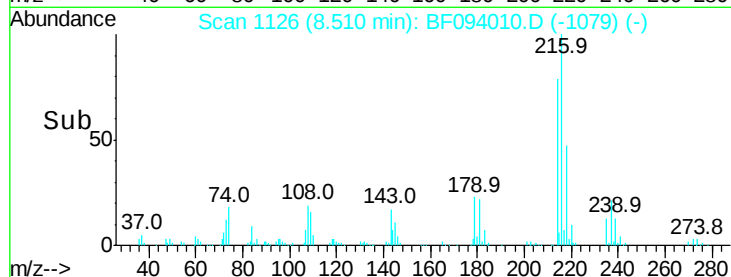
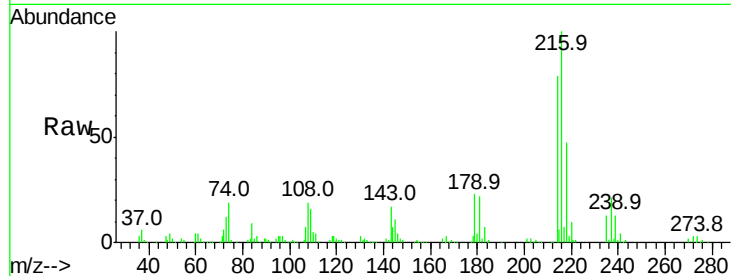
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.44 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.4	95.2	
179	22.1	17.9	26.9	
108	21.8	16.5	24.7	

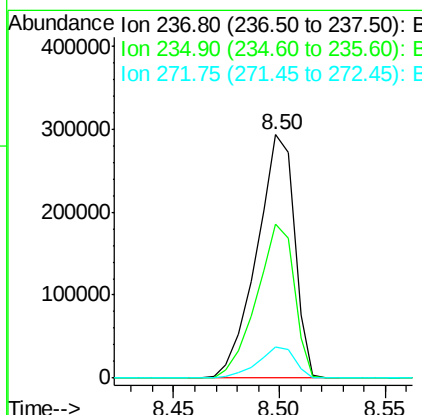
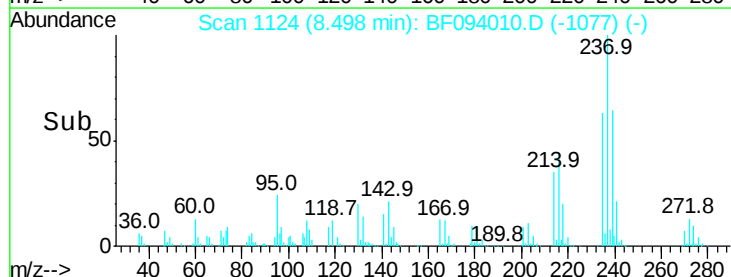
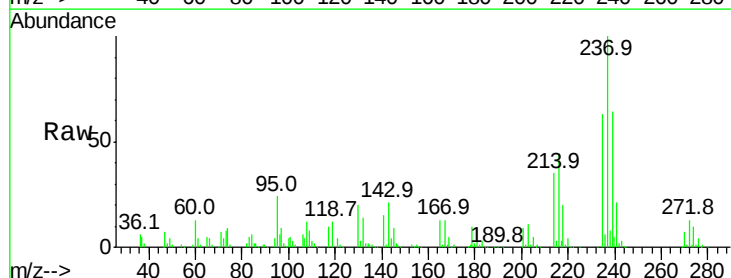
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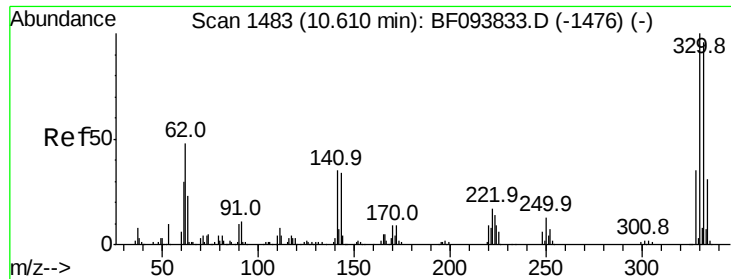
mohammad
 3/29/2017 1:57:02 PM



#40
 Hexachlorocyclopentadiene
 Concen: 91.77 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.1	42.6	82.6	
272	12.6	0.0	31.9	





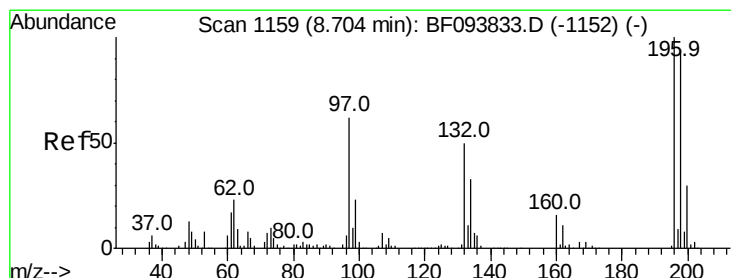
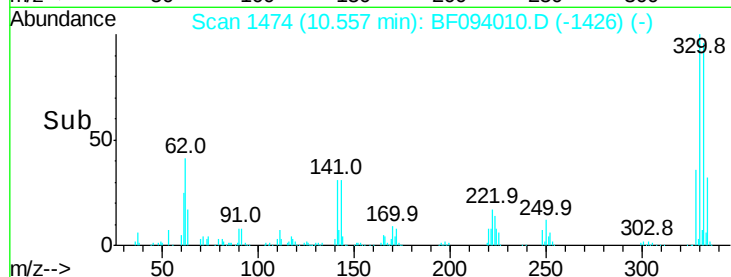
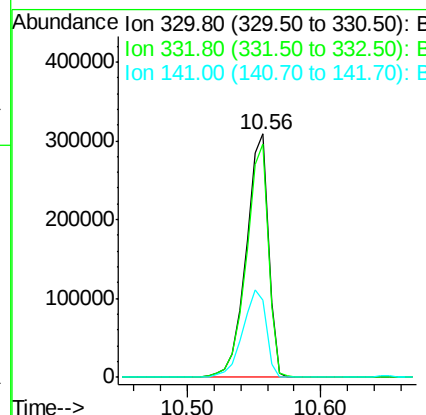
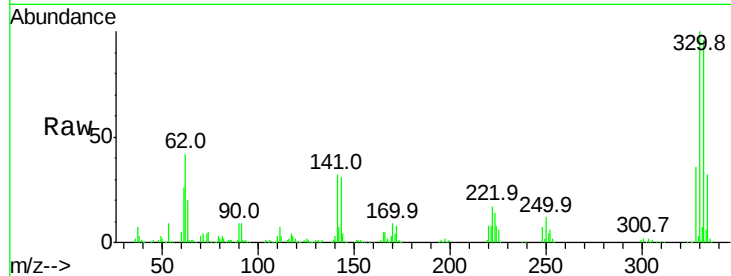
#41
 2,4,6-Tribromophenol
 Concen: 144.41 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	76.6	115.0	
141	38.4	31.4	47.2	

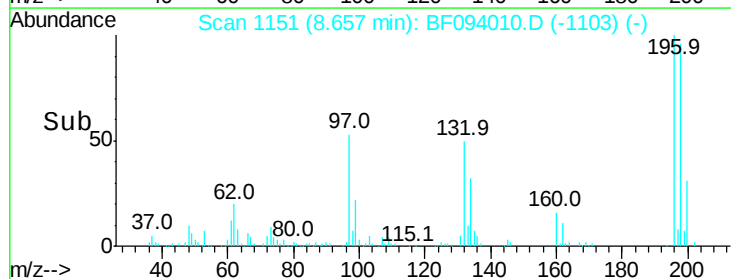
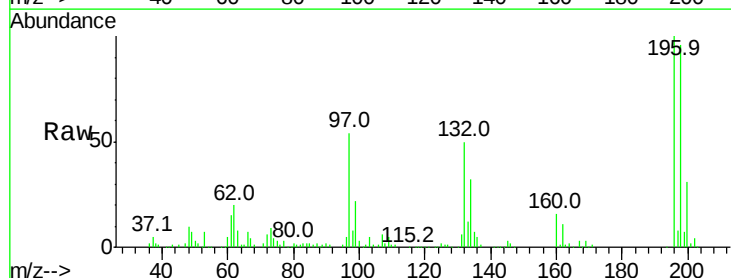
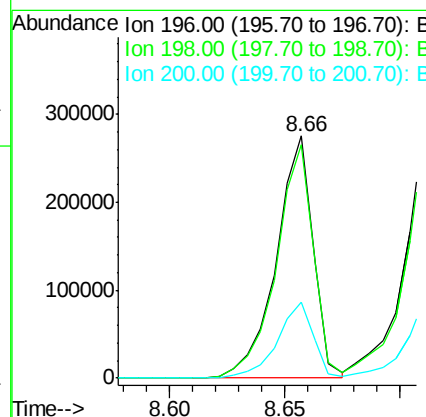
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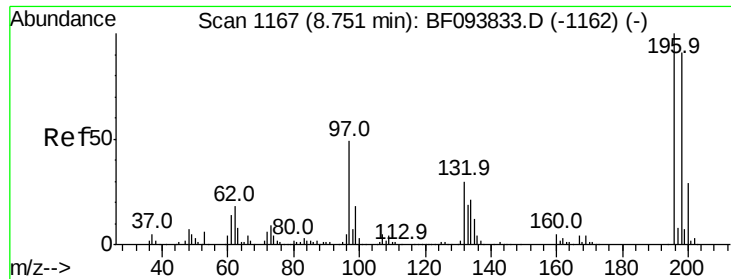
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 50.69 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	74.2	111.4	
200	31.4	24.0	36.0	





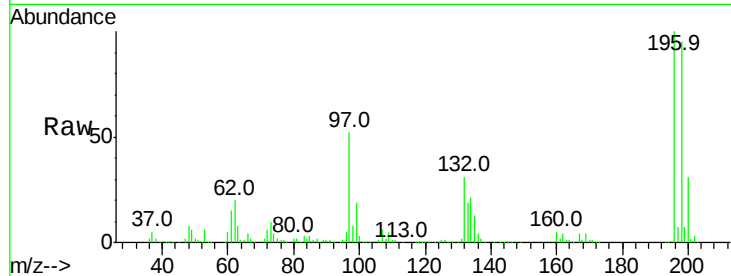
#43
 2,4,5-Trichlorophenol
 Concen: 48.41 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	196	Resp	315155
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
97	51.6	47.7	71.5
132	31.3	28.0	42.0

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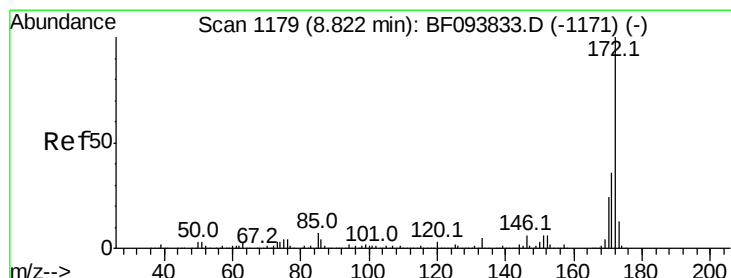
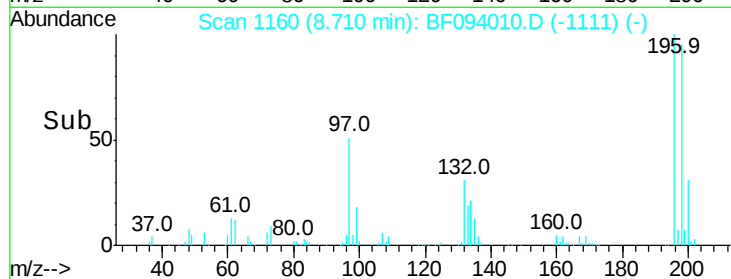
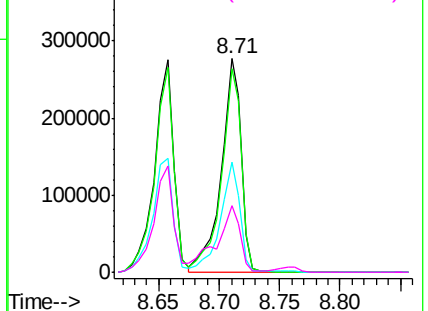
Abundance

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: 92.59 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

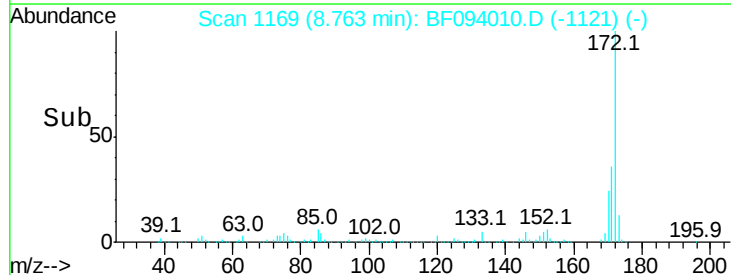
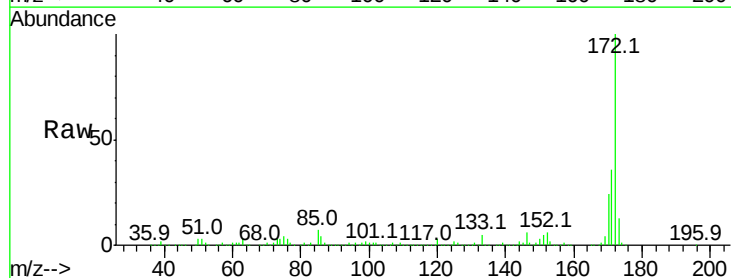
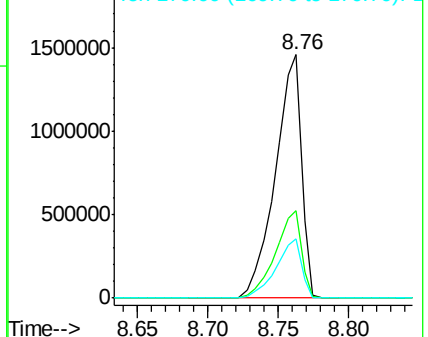
Tgt Ion	172	Resp	1886763
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8

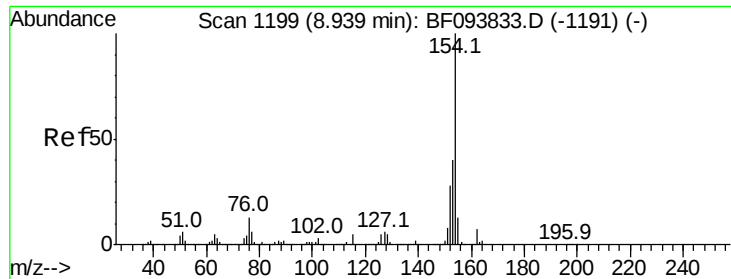
Abundance

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: 46.57 ng

RT: 8.88 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

ClientSampled :

HHD-GW1MSD

Tot Ion:154 Resp: 1167627

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

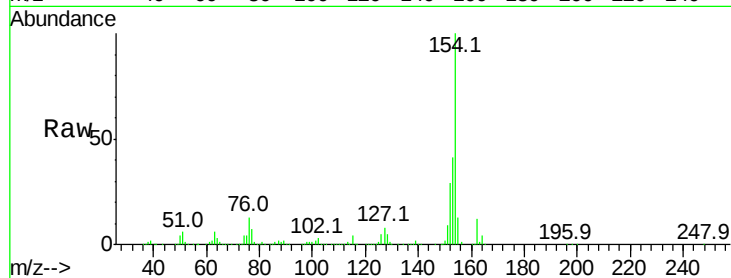
76 12.7 0.0 29.9

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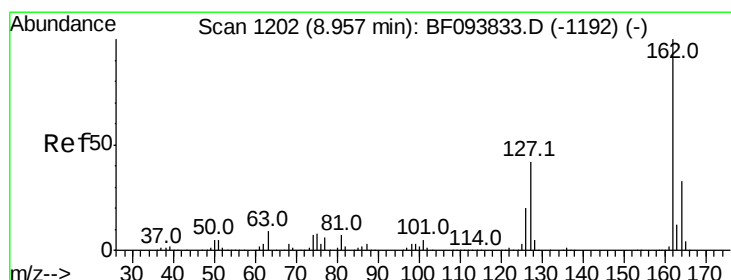
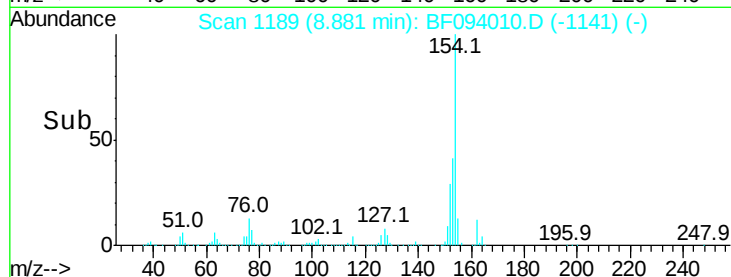
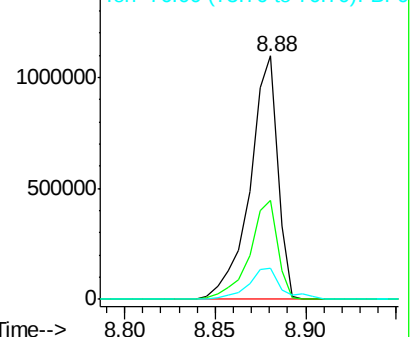
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.30 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

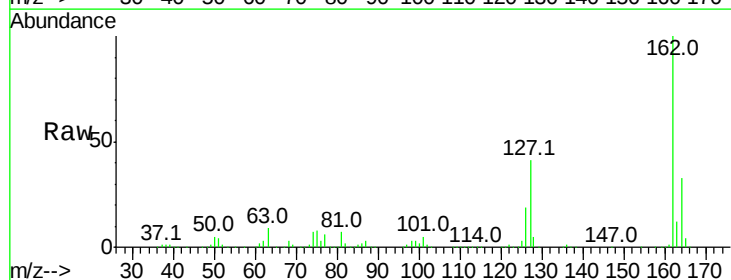
Tgt Ion:162 Resp: 928258

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

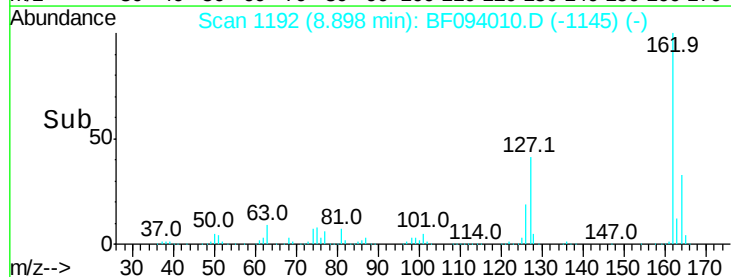
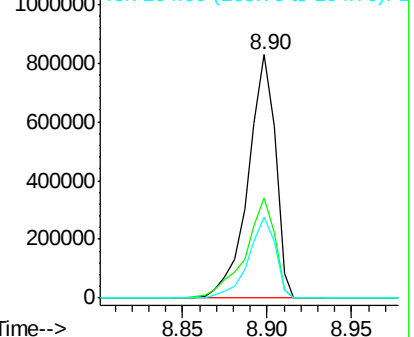
164 33.0 27.0 40.4

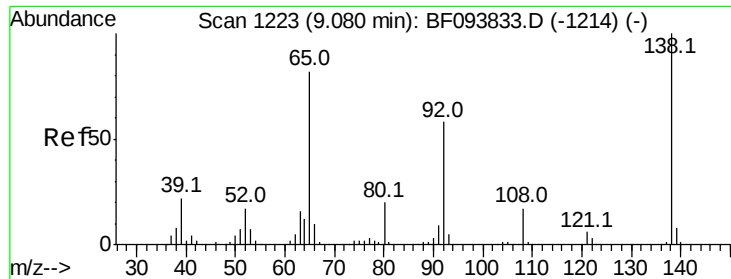


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





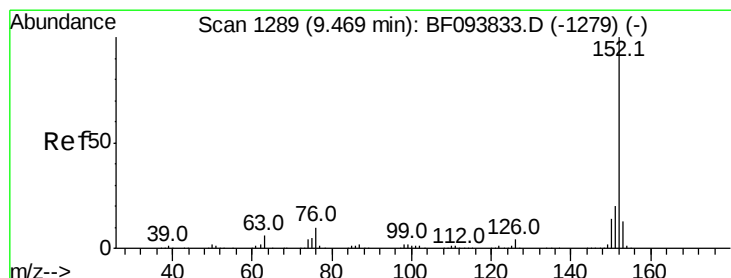
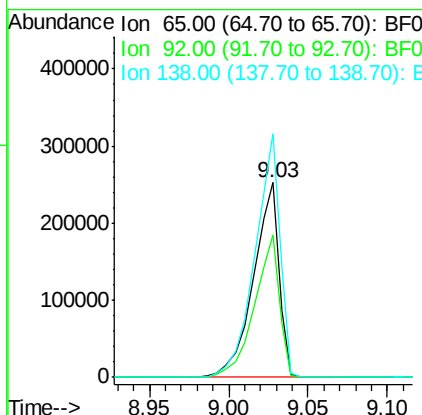
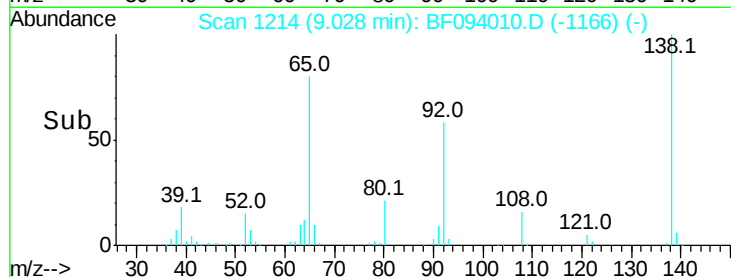
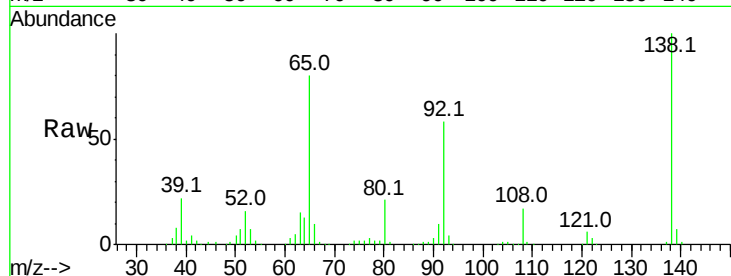
#47
 2-Nitroaniline
 Concen: 48.83 ng
 RT: 9.03 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.9	80.9
138	124.9	78.8	118.2

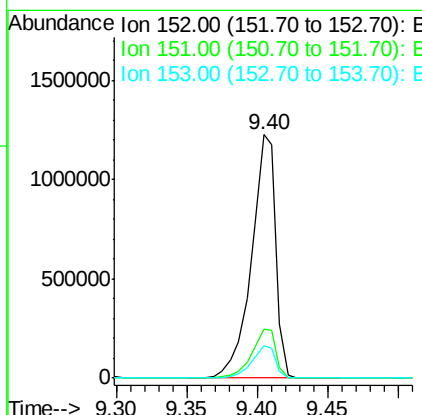
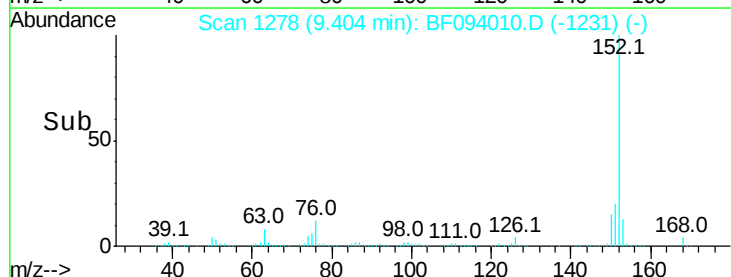
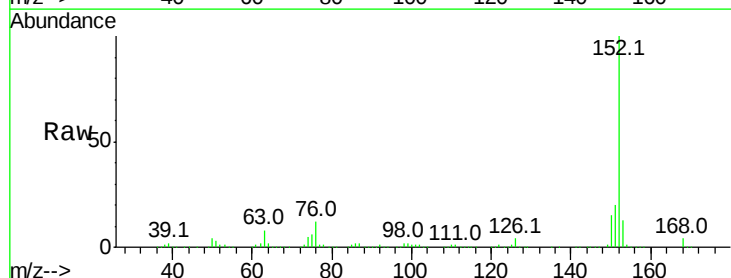
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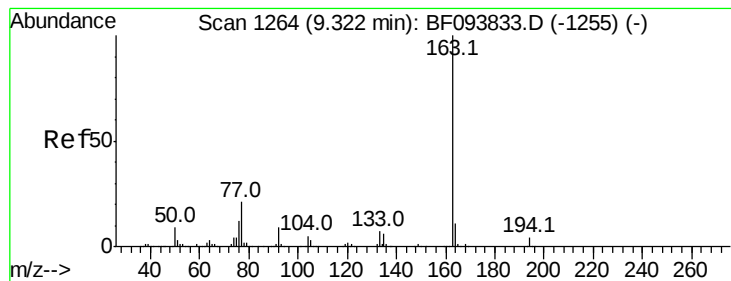
mohammad
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#48
 Acenaphthylene
 Concen: 45.24 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.5	10.8	16.2





#49

Dimethylphthalate

Concen: 51.26 ng

RT: 9.27 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

ClientSampleId :

HHD-GW1MSD

Tot Ion:163 Resp: 1132593

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

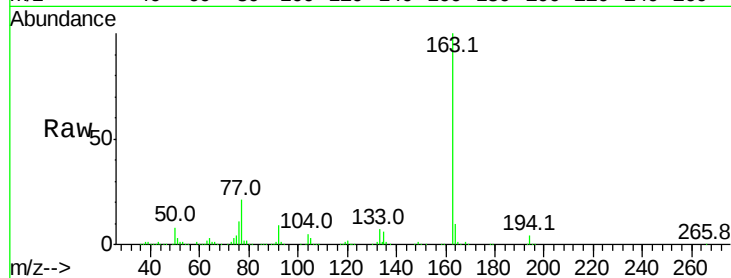
164 10.4 8.4 12.6

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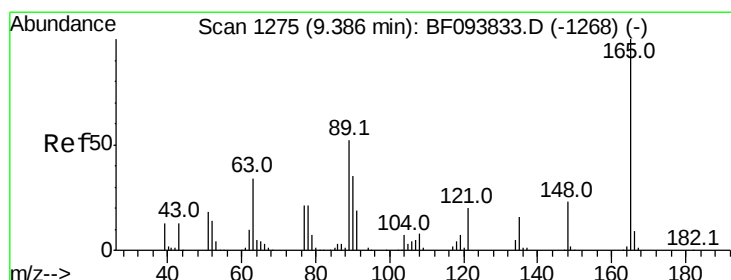
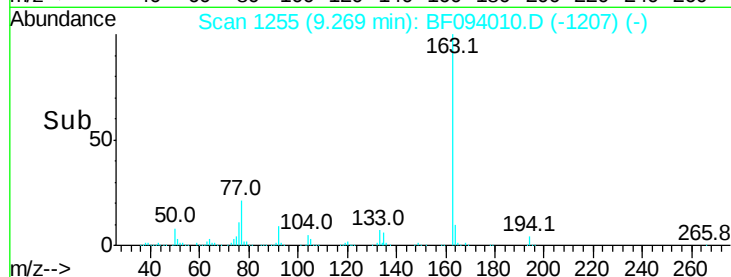
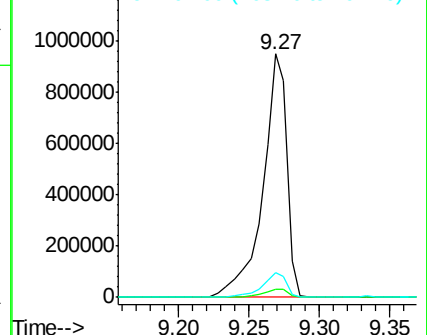
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.09 ng

RT: 9.33 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

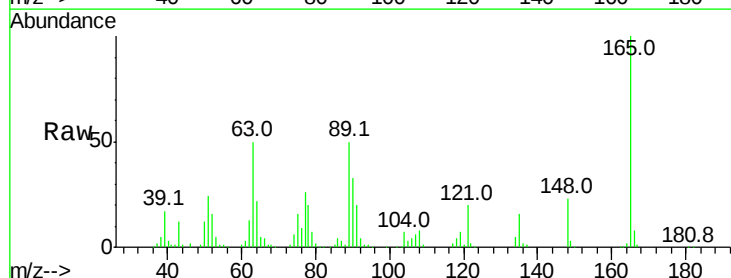
Tgt Ion:165 Resp: 258752

Ion Ratio Lower Upper

165 100

63 49.8 34.3 51.5

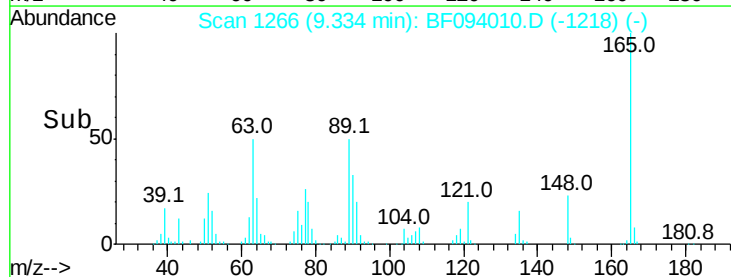
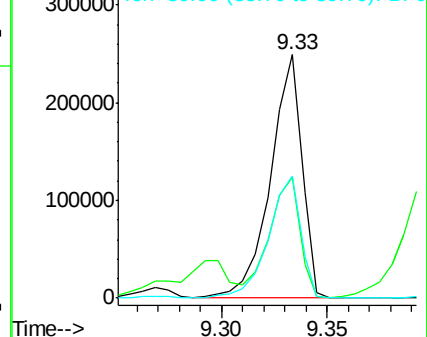
89 50.0 37.1 55.7

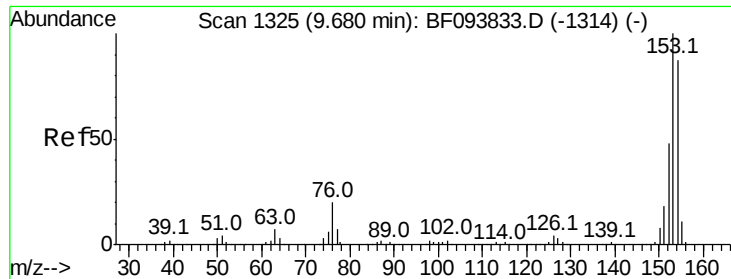


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





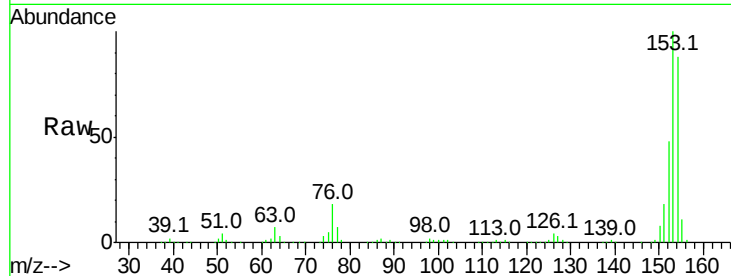
#51
Acenaphthene
Concen: 46.30 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

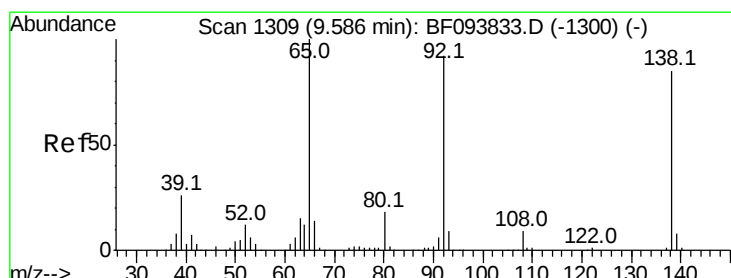
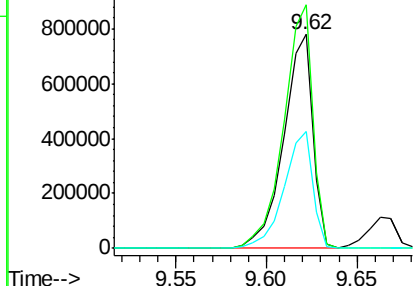
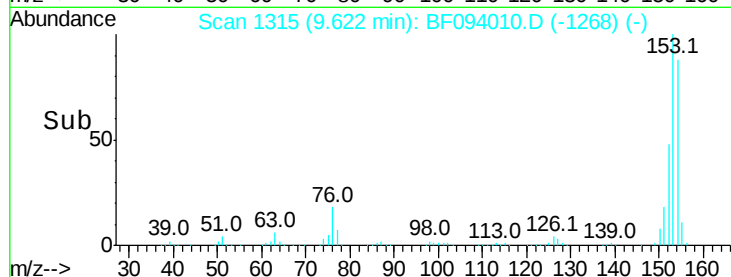
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.5	135.7
152	54.8	43.6	65.4

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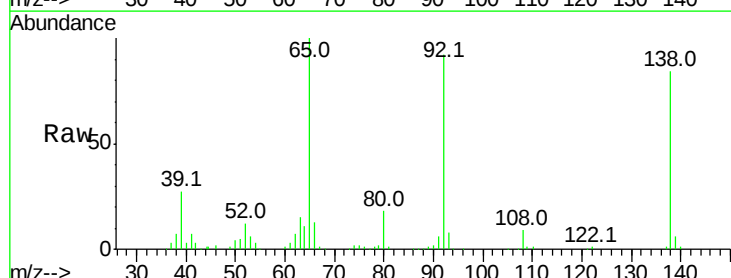


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

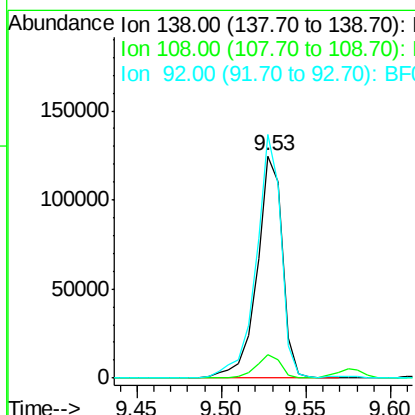
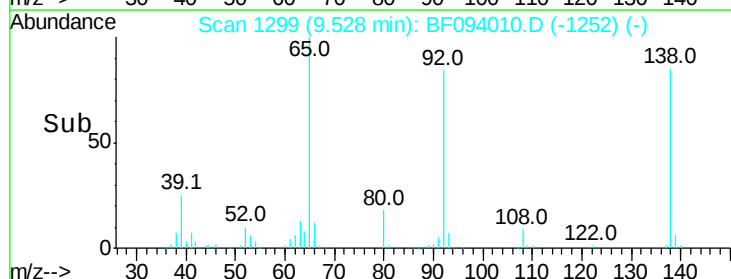


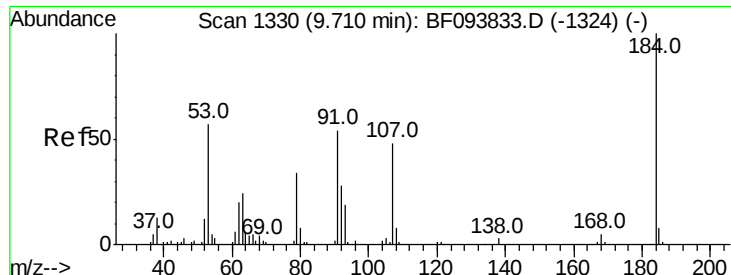
#52
3-Nitroaniline
Concen: 21.85 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	109.6	93.8	140.6



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





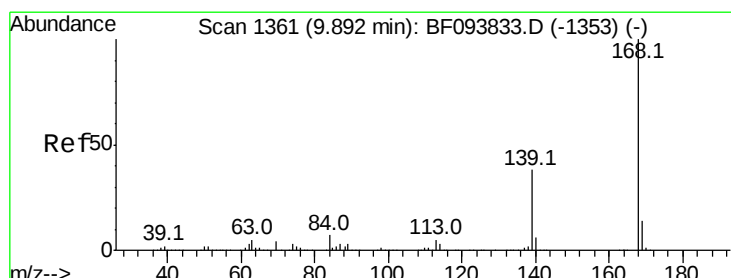
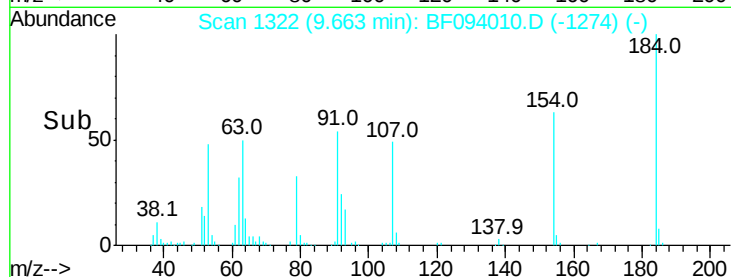
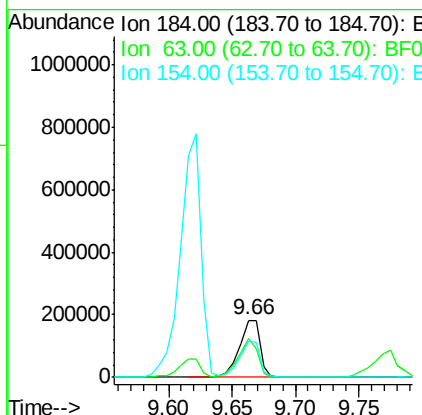
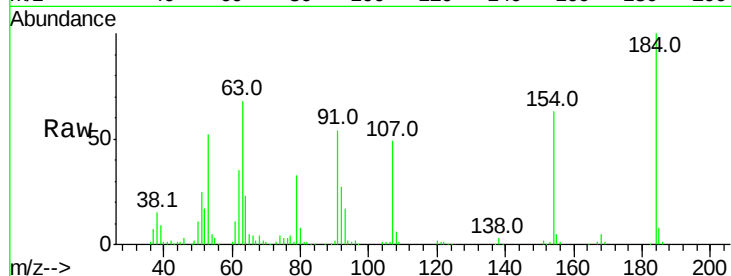
#53
 2,4-Dinitrophenol
 Concen: 77.24 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	208895		
63	68.3		62.7	94.1
154	63.1		81.1	121.7#

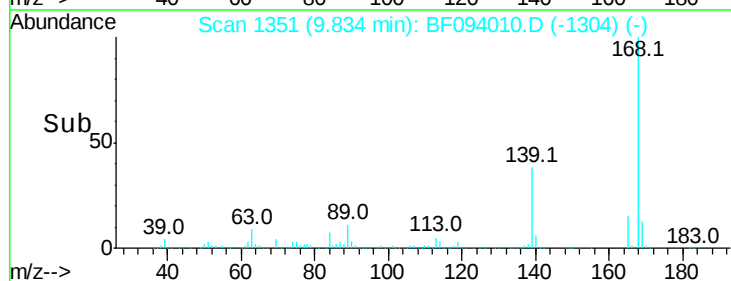
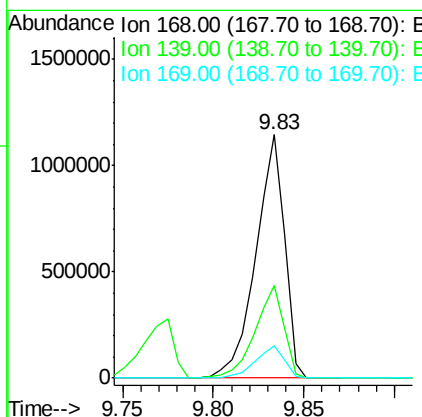
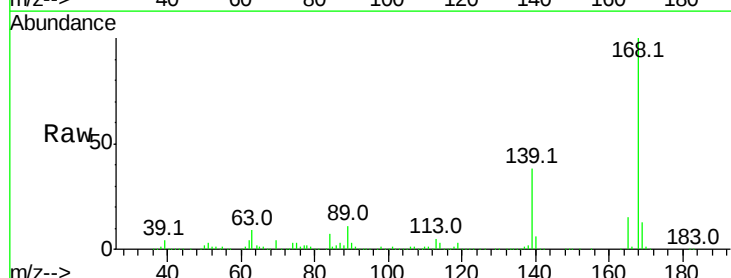
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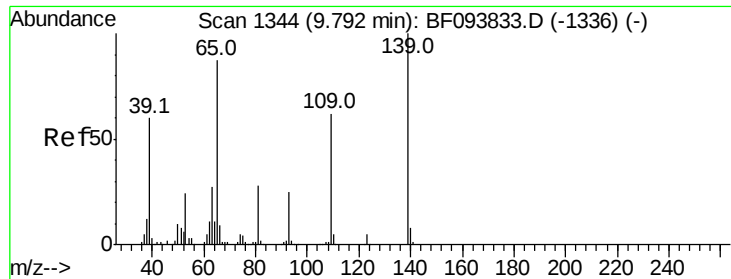
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#54
 Dibenzofuran
 Concen: 48.60 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1259216		
139	38.0		30.6	45.8
169	13.4		10.8	16.2





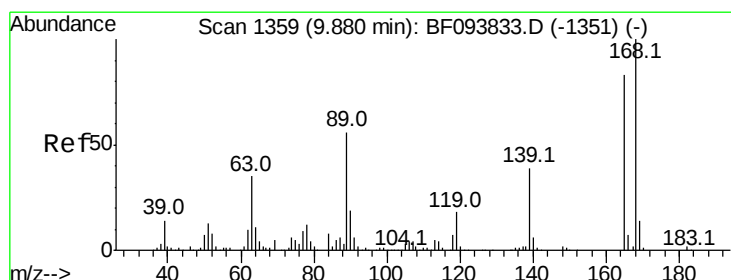
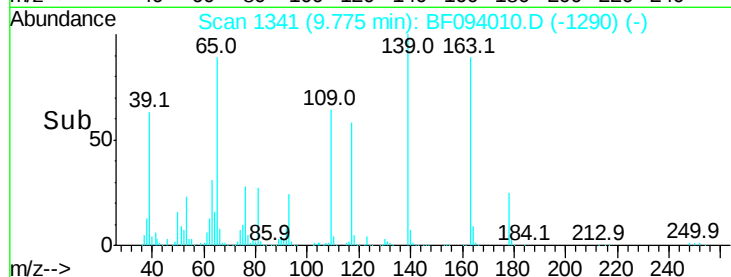
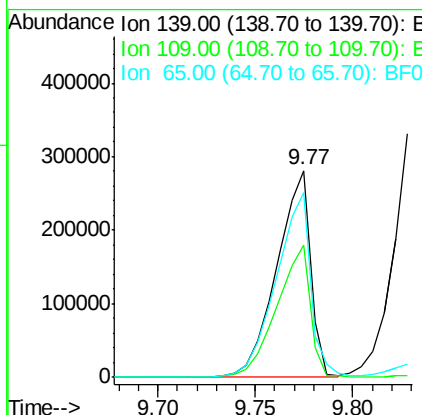
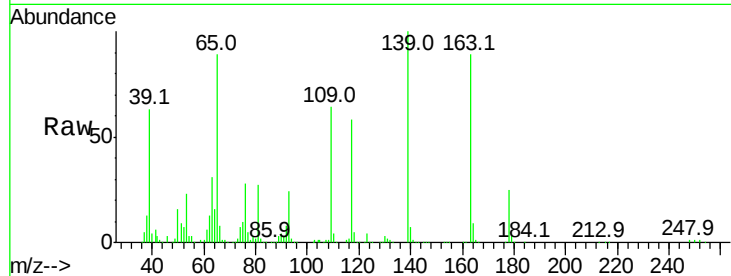
#55
4-Nitrophenol
Concen: 72.62 ng
RT: 9.77 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.0	34.1	74.1	
65	89.4	31.4	71.4	

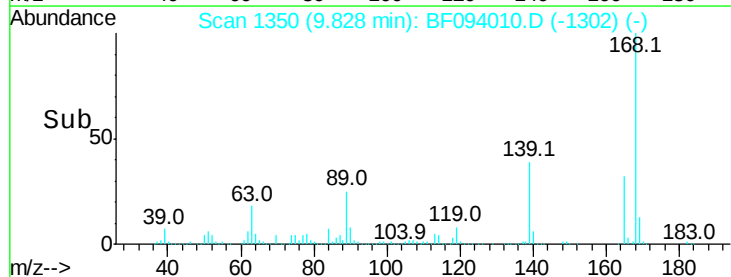
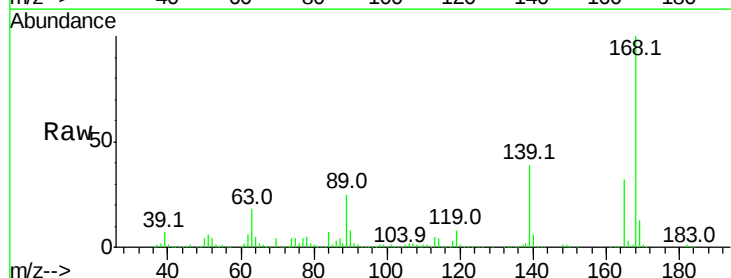
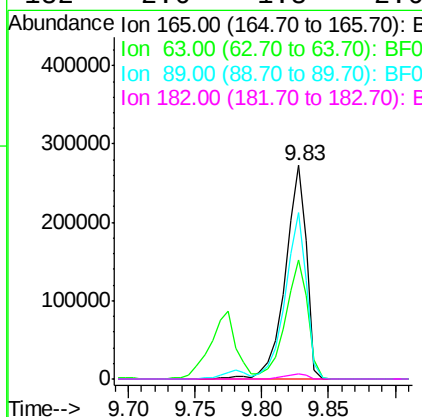
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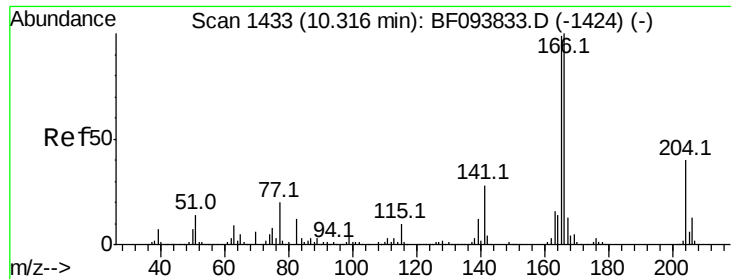
mohammad
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#56
2,4-Dinitrotoluene
Concen: 47.90 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.7	25.4	38.0	
89	77.7	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 44.07 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

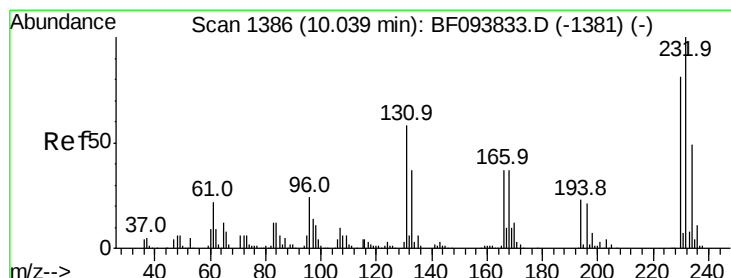
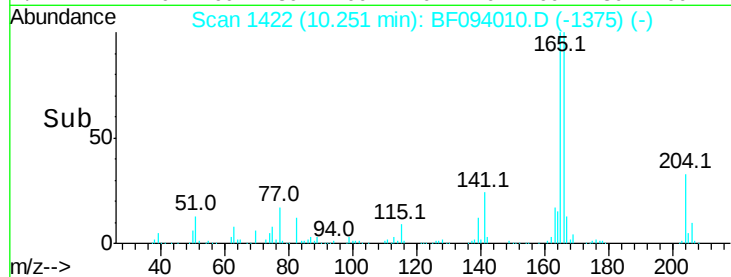
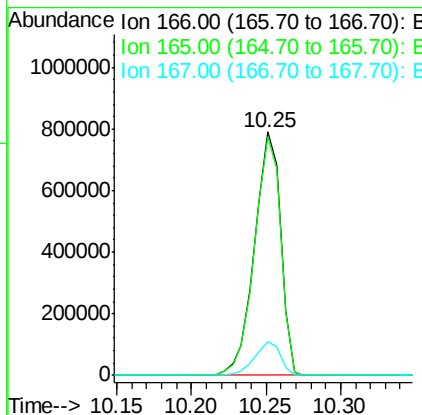
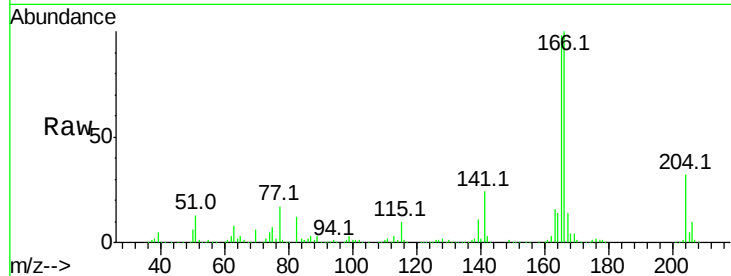
ClientSampleId :

HHD-GW1MSD

Tot Ion:	166	Resp:	946894
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.8	118.2
167	13.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.65 ng

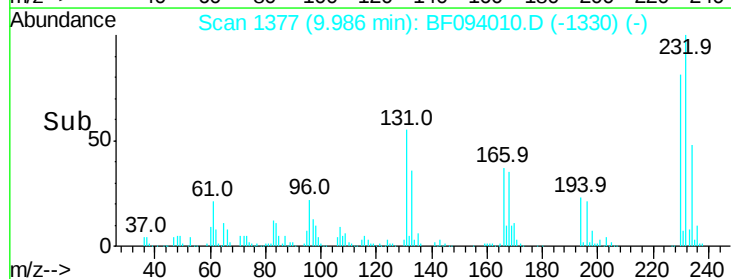
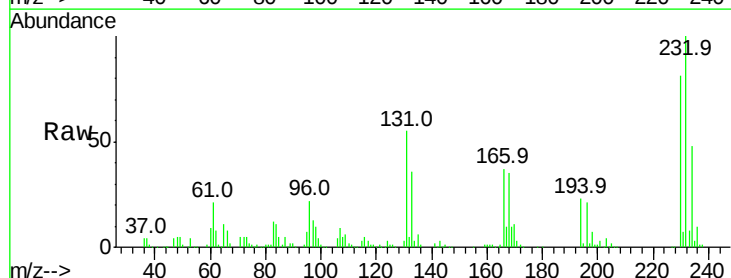
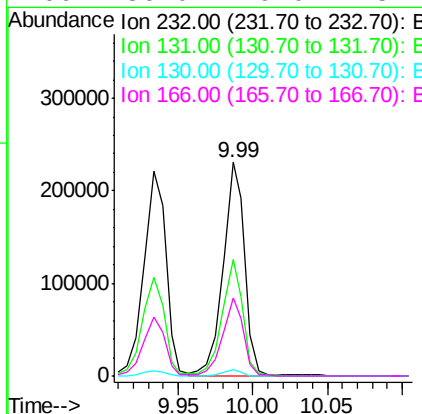
RT: 9.99 min Scan# 1377

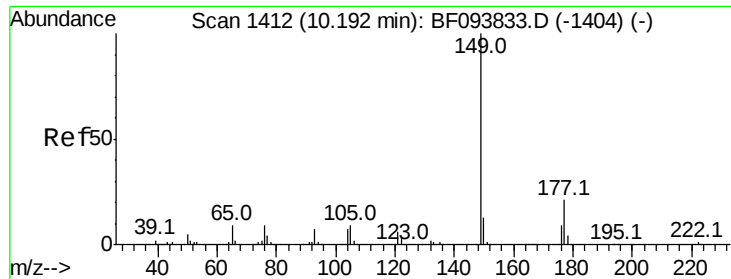
Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Tgt Ion:	232	Resp:	235175
Ion Ratio	Lower	Upper	
232	100		
131	52.1	44.8	67.2
130	2.5	2.3	3.5
166	36.0	29.0	43.4





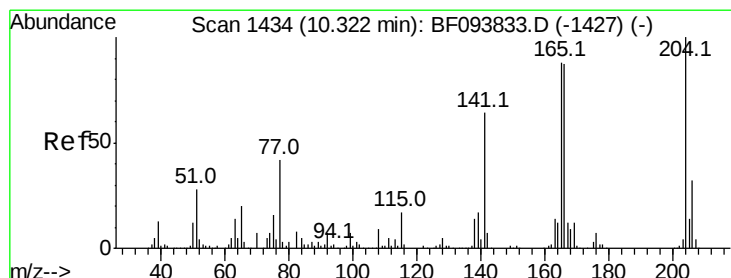
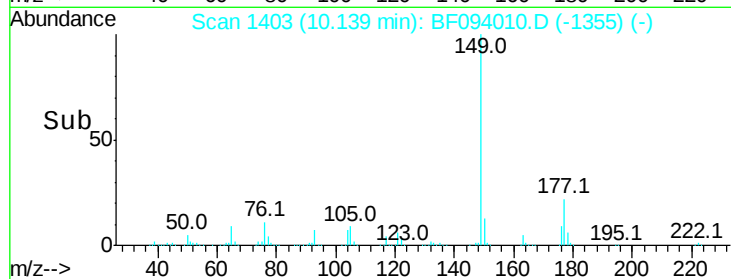
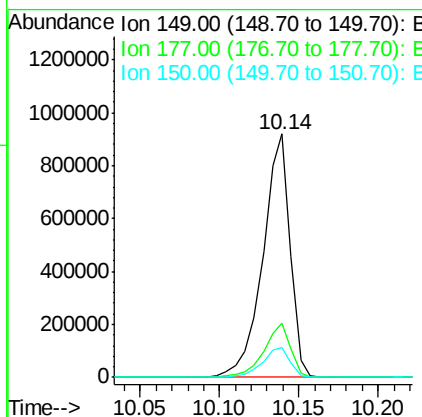
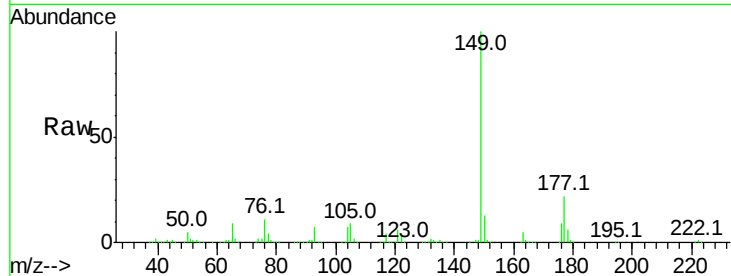
#59
 Diethylphthalate
 Concen: 50.39 ng
 RT: 10.14 min Scan# 1403
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion:	149	Resp:	1100391
Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.5	10.2	15.2

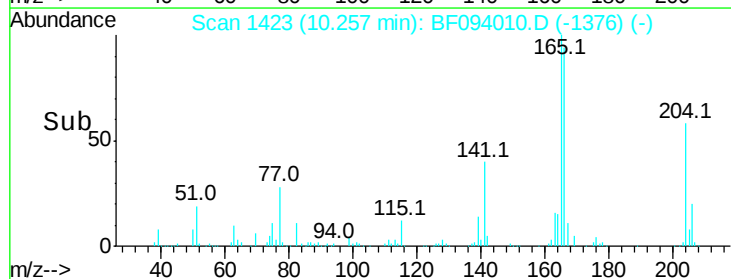
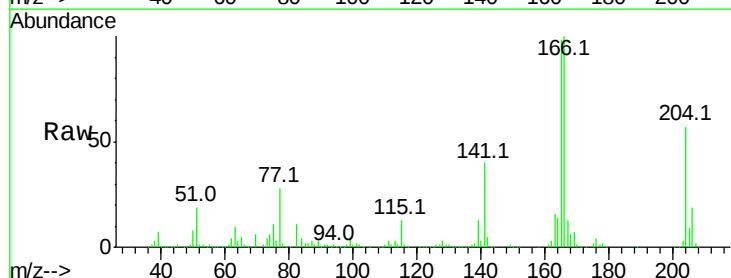
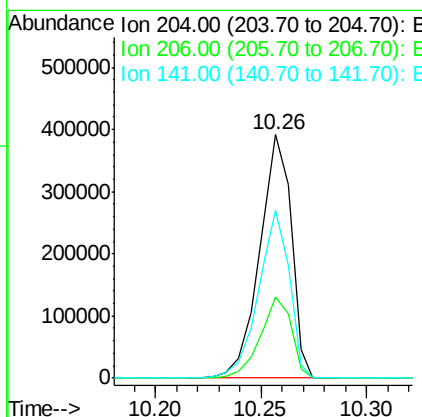
Manual Integrations
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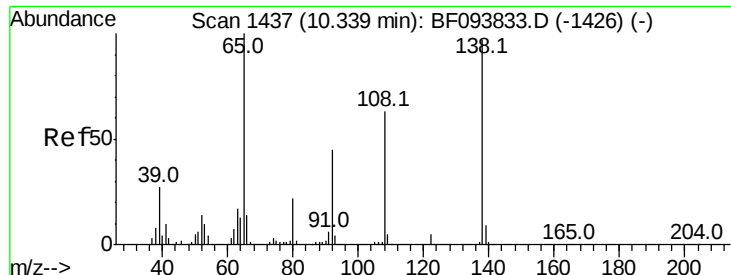
mohammad
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#60
 4-Chlorophenyl-phenylether
 Concen: 44.62 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion:	204	Resp:	408381
Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	69.2	60.8	91.2





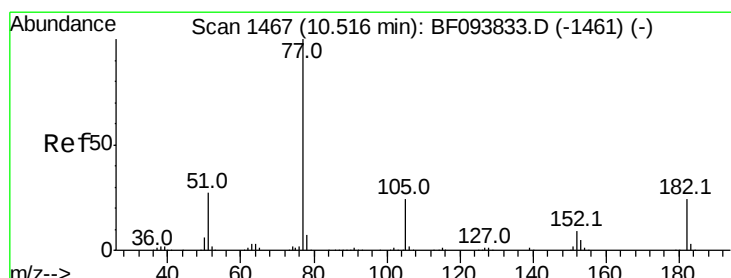
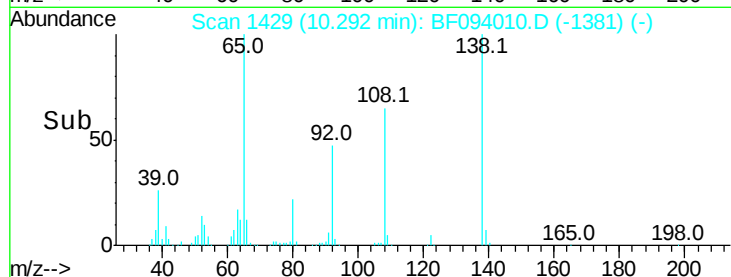
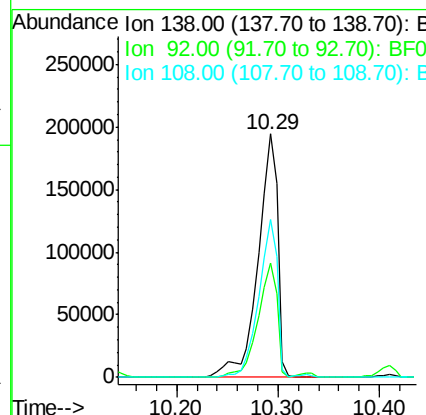
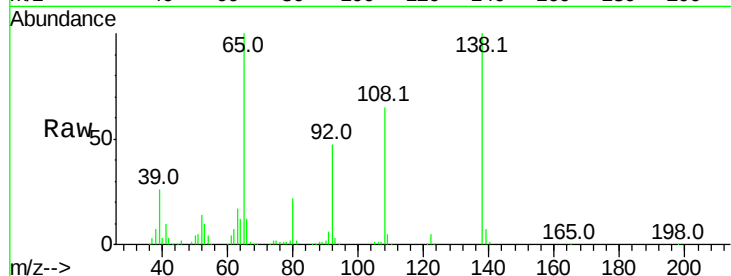
#61
4-Nitroaniline
Concen: 45.65 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.9	21.8	61.8
108	64.8	42.3	82.3

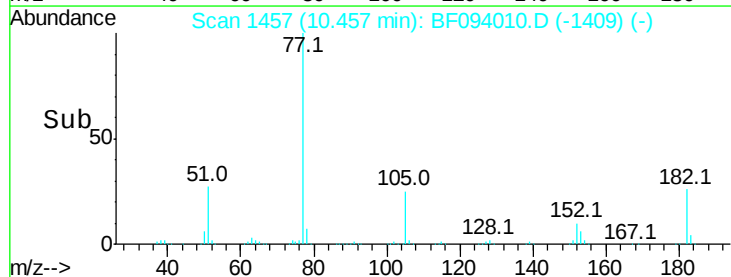
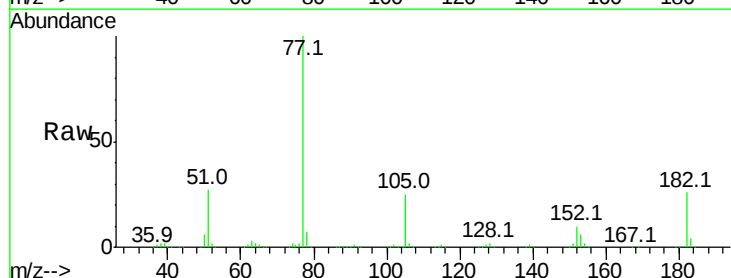
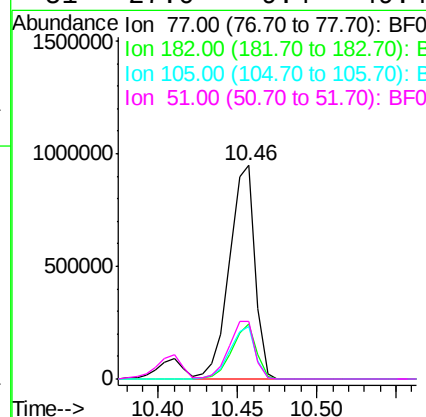
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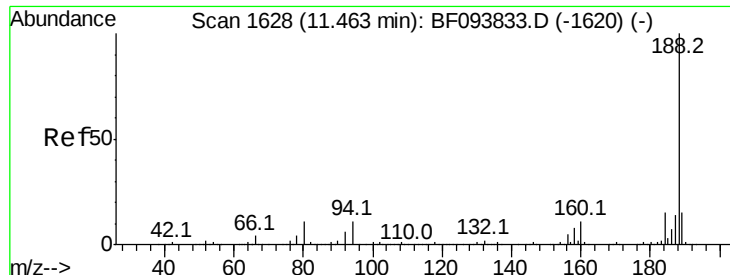
mohammad
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#62
Azobenzene
Concen: 51.36 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	0.1	40.1
105	24.7	3.6	43.6
51	27.0	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

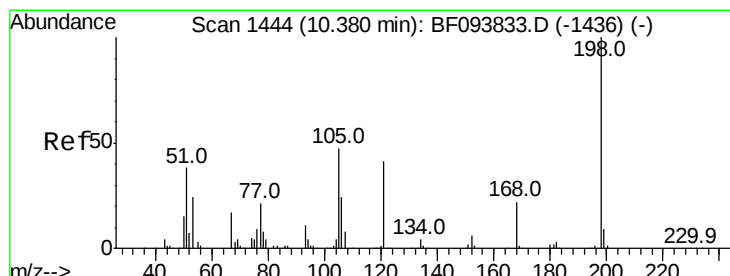
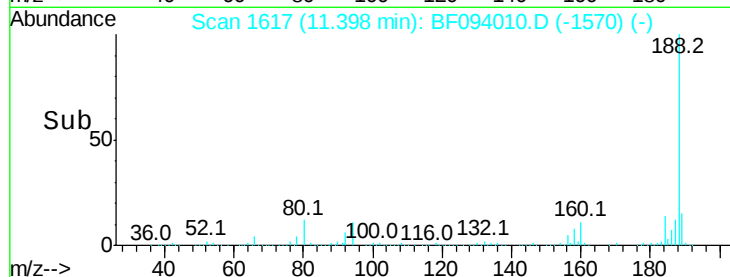
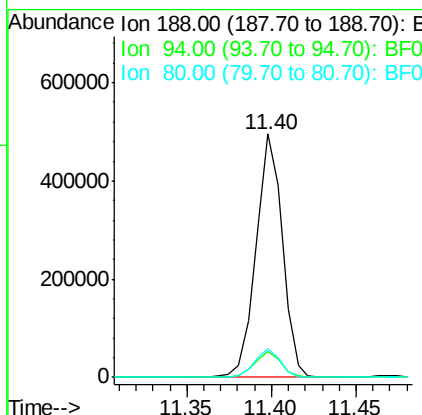
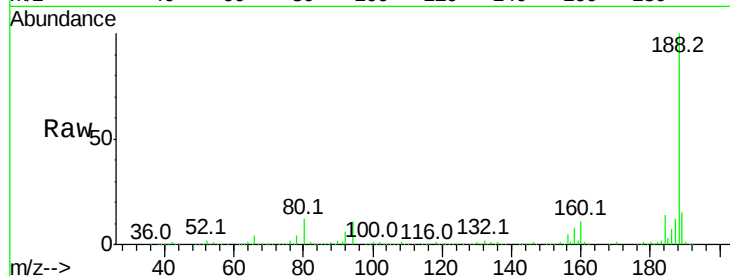
ClientSampleId :

HHD-GW1MSD

Tot Ion:	188	Resp:	538989
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	11.8	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.65 ng

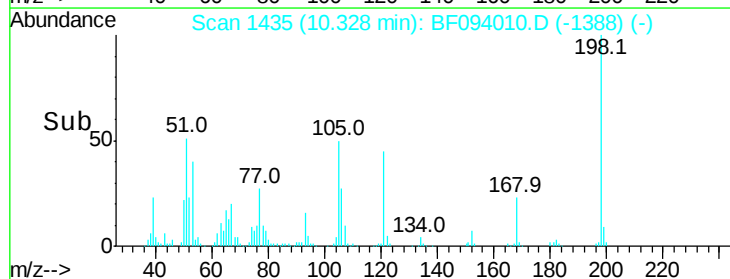
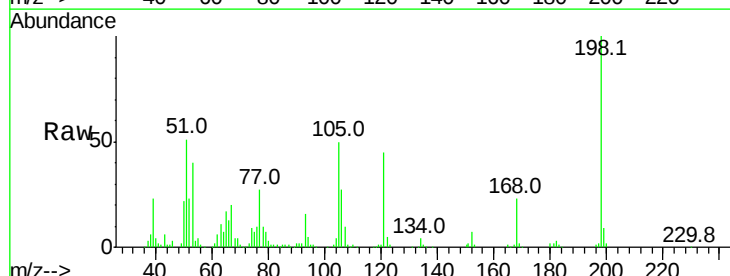
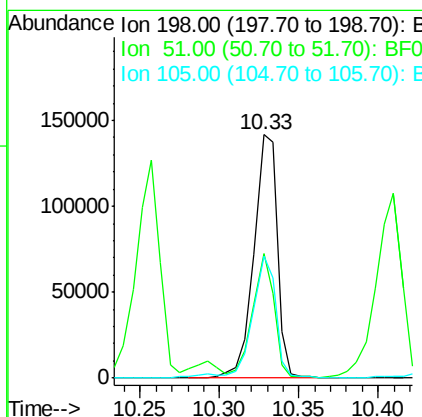
RT: 10.33 min Scan# 1435

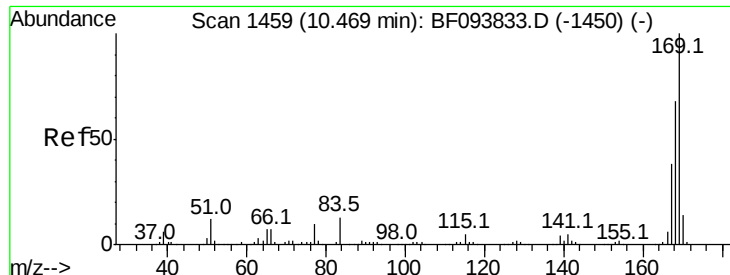
Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Tgt Ion:	198	Resp:	147390
Ion Ratio	Lower	Upper	
198	100		
51	50.9	53.2	93.2#
105	50.1	45.8	85.8





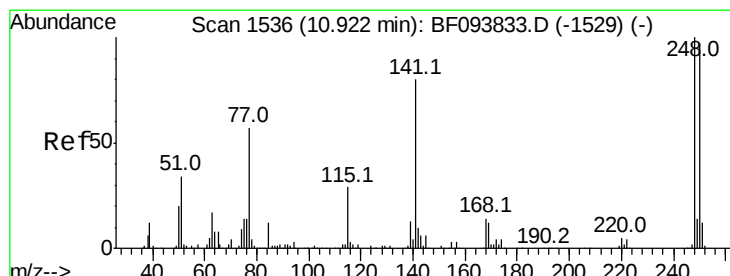
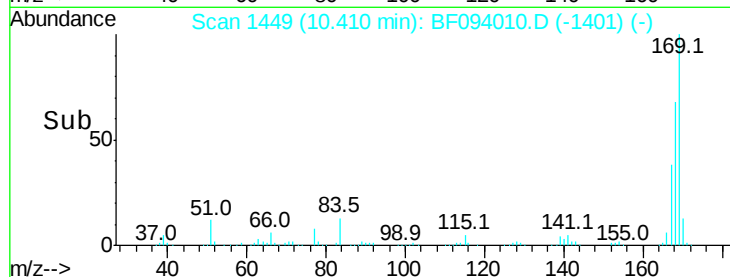
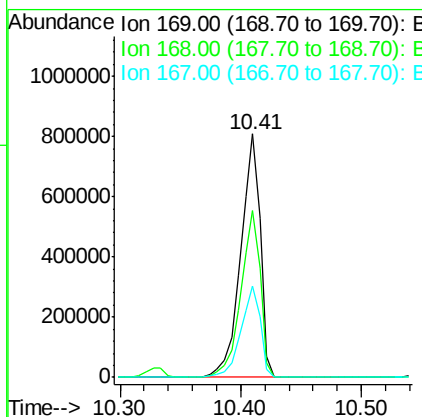
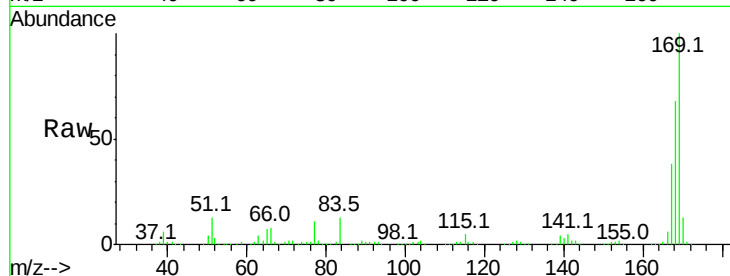
#65
 n-Nitrosodiphenylamine
 Concen: 48.93 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.2	79.8
167	37.7	29.5	44.3

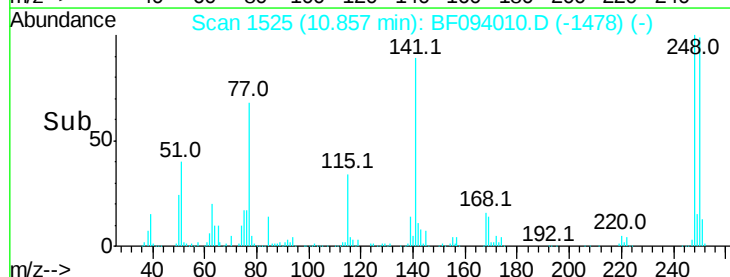
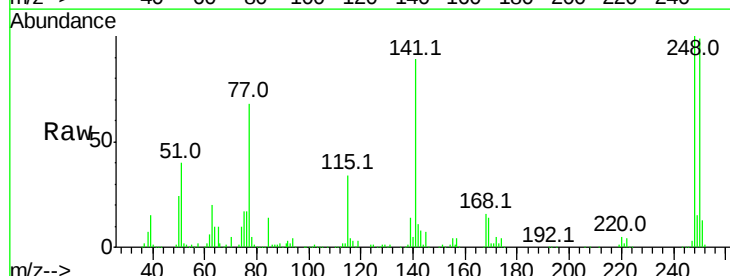
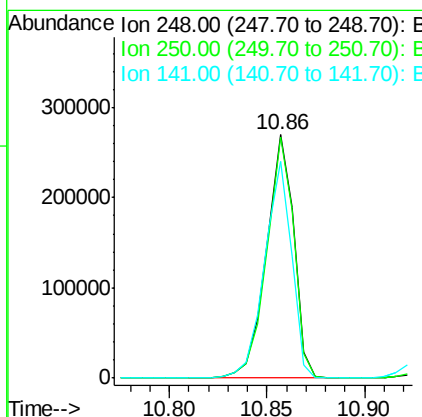
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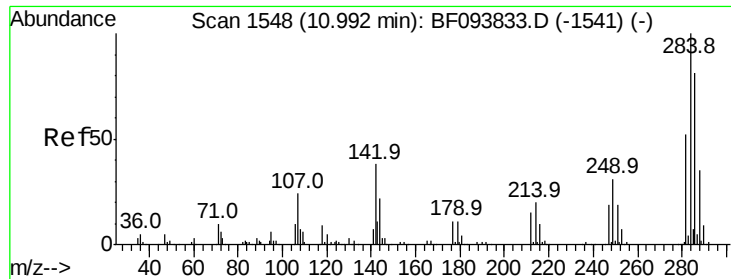
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 49.72 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.8	115.2
141	88.8	68.6	103.0





#67

Hexachlorobenzene

Concen: 49.98 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

ClientSampleId :

HHD-GW1MSD

Tot Ion:284 Resp: 268198

Ion Ratio Lower Upper

284 100

142 43.0 22.8 34.2#

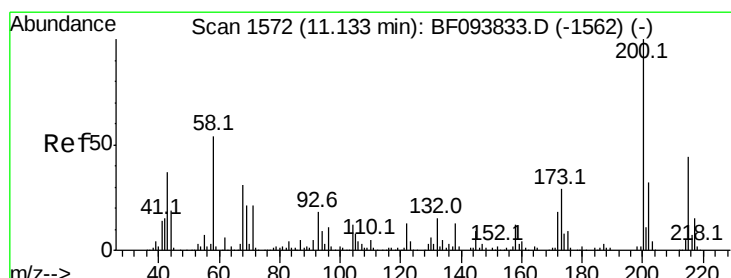
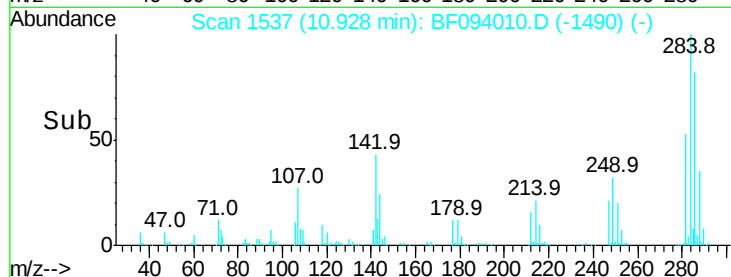
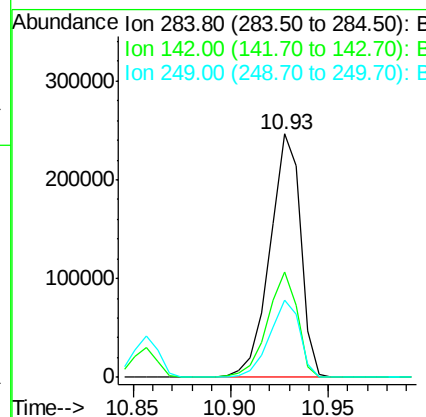
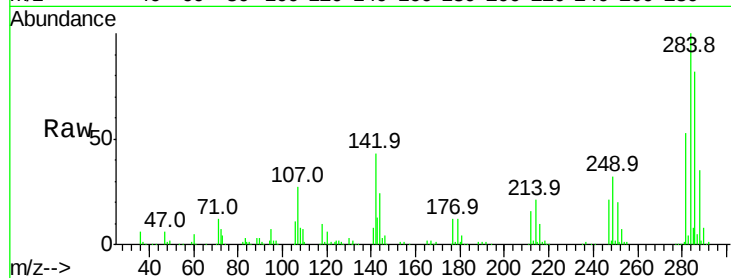
249 31.8 24.0 36.0

Manual Integrations

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#68

Atrazine

Concen: 47.81 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

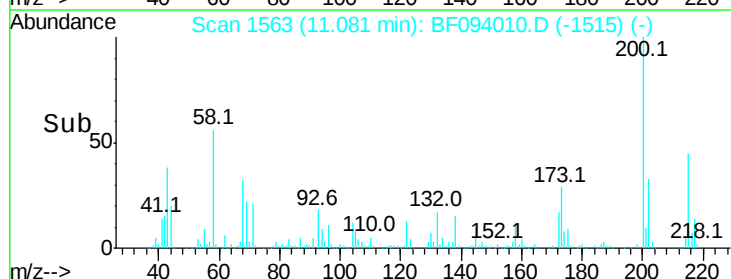
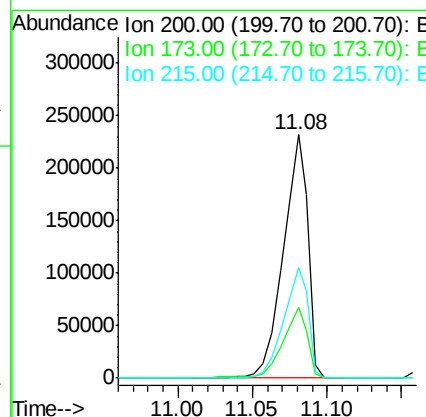
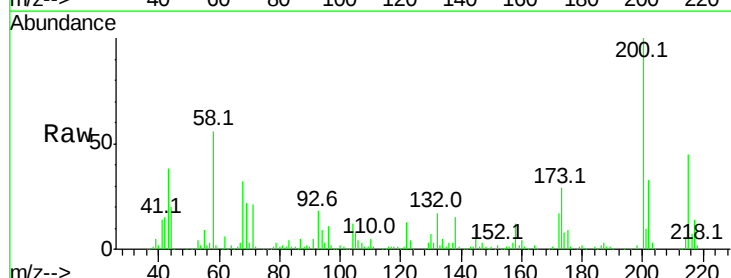
Tgt Ion:200 Resp: 266921

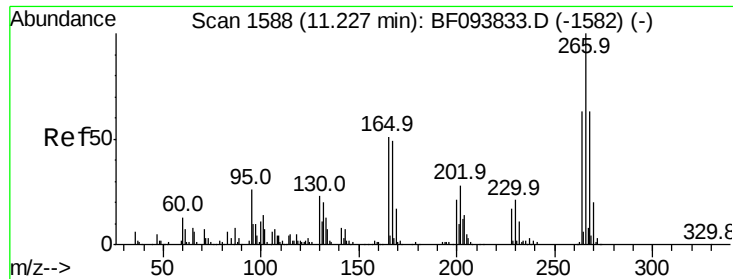
Ion Ratio Lower Upper

200 100

173 29.1 6.3 46.3

215 45.4 27.2 67.2





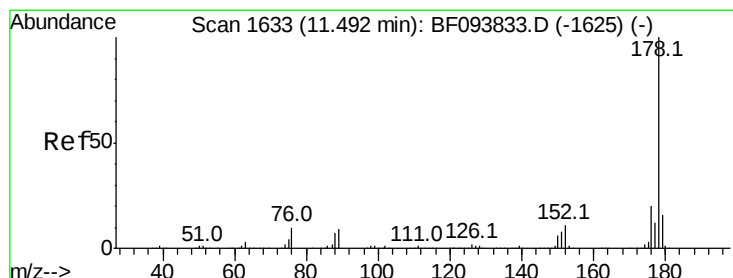
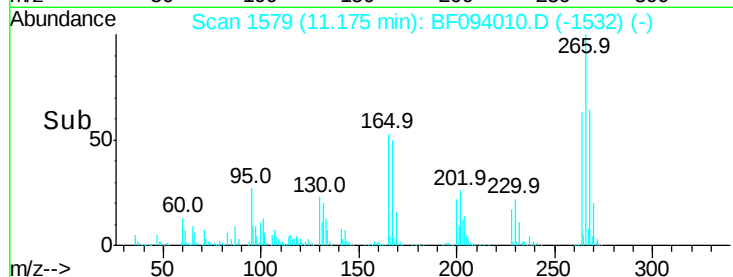
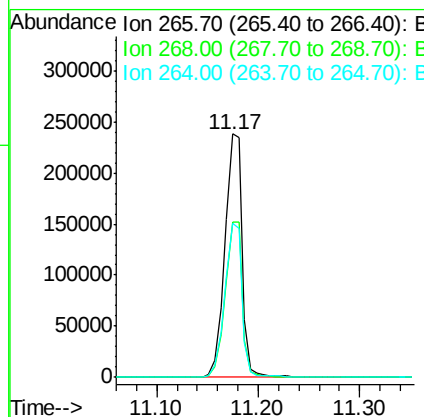
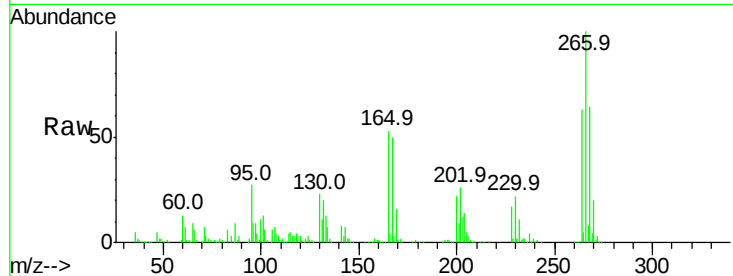
#69
 Pentachlorophenol
 Concen: 84.33 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	281661		
268	64.0		51.1	76.7
264	63.1		51.7	77.5

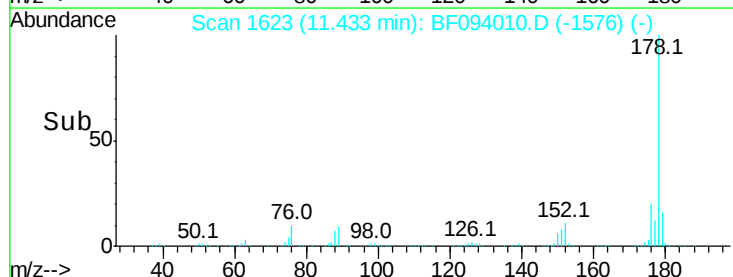
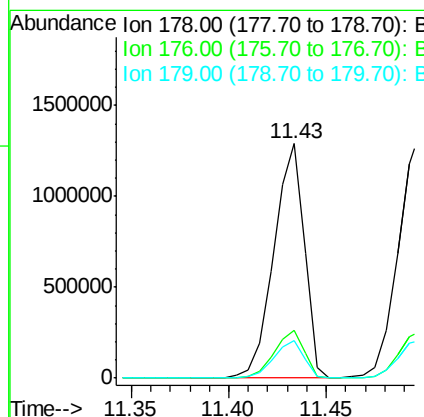
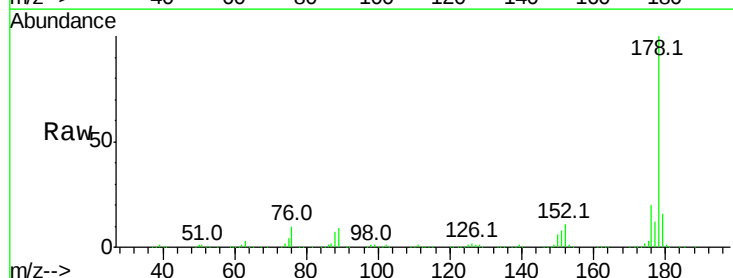
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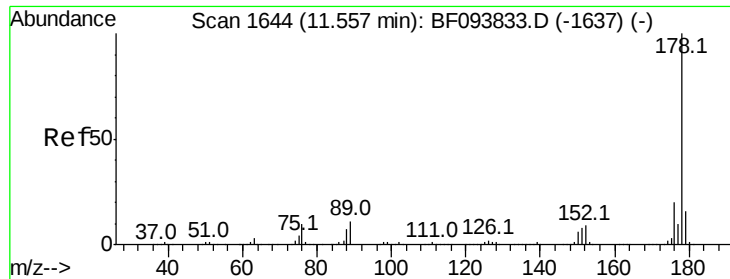
mohammad
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#70
 Phenanthrene
 Concen: 46.57 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1396363		
176	20.4		16.2	24.4
179	15.8		12.6	19.0





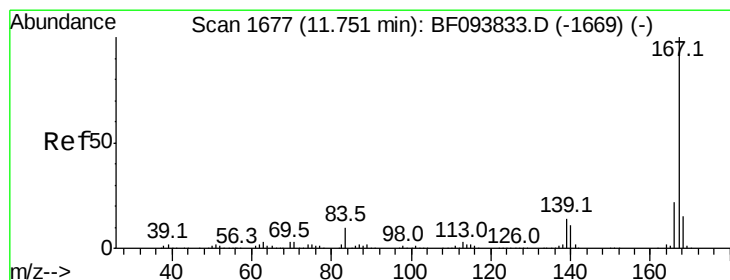
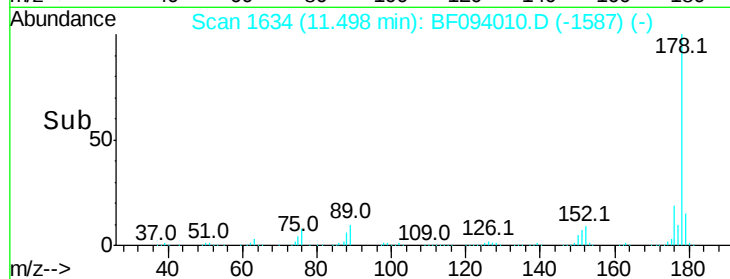
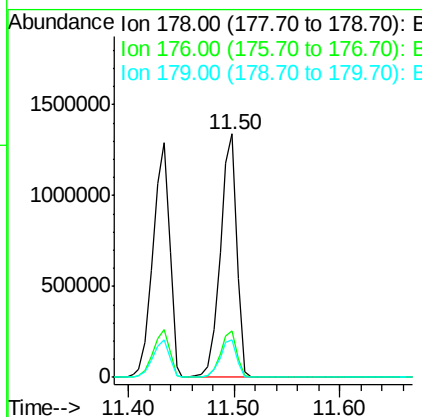
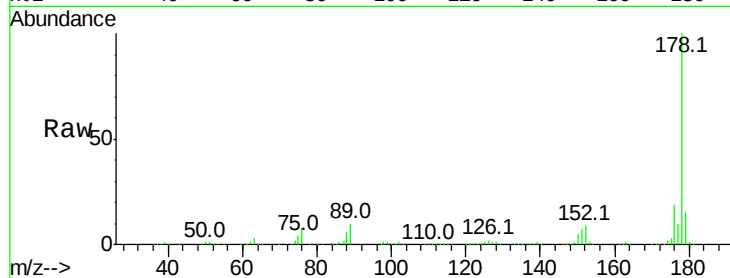
#71
 Anthracene
 Concen: 47.40 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion:178 Resp: 1463294
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.3 12.7 19.1

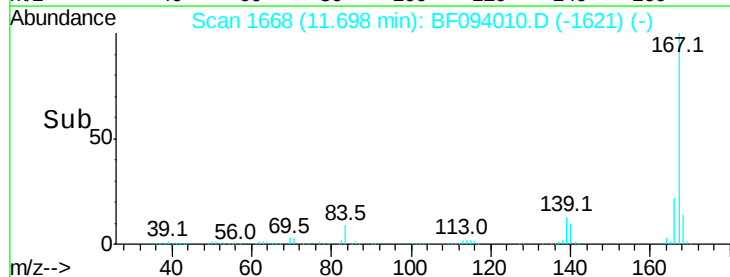
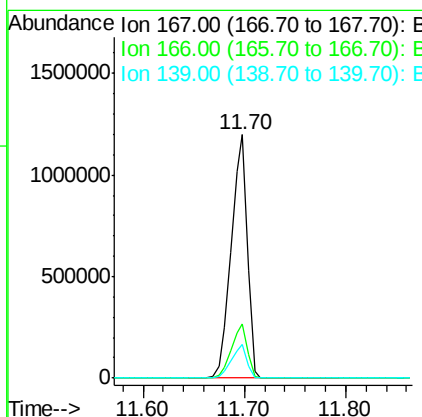
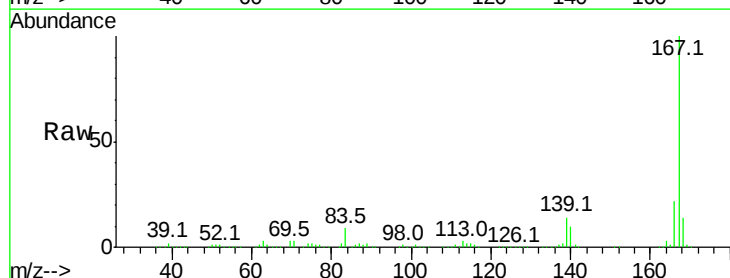
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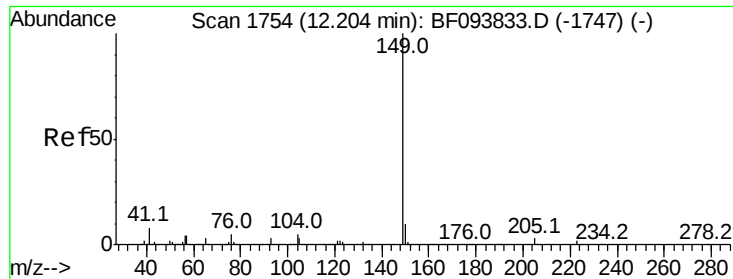
mohammad
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#72
 Carbazole
 Concen: 41.66 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion:167 Resp: 1318921
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.7 11.7 17.5





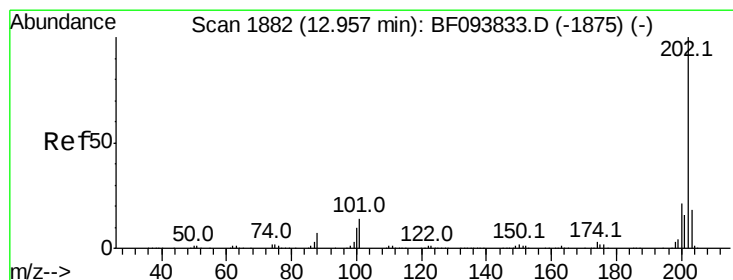
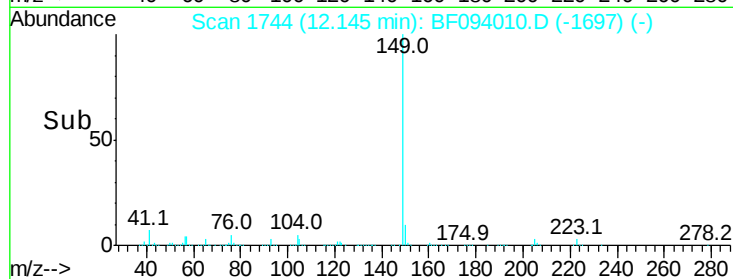
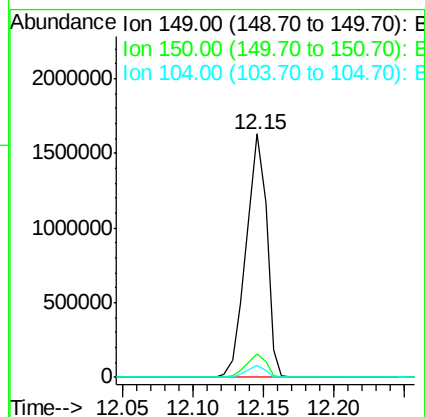
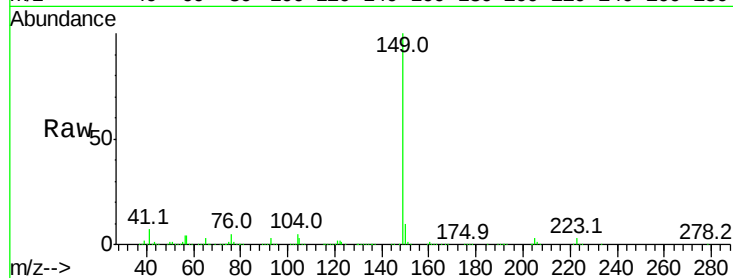
#73
Di-n-butylphthalate
Concen: 50.83 ng
RT: 12.15 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion:149 Resp: 1673434
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.8 4.0 6.0

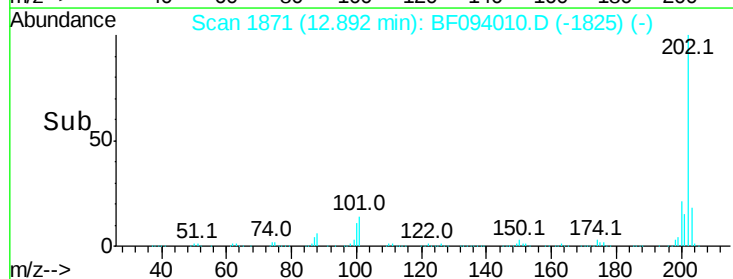
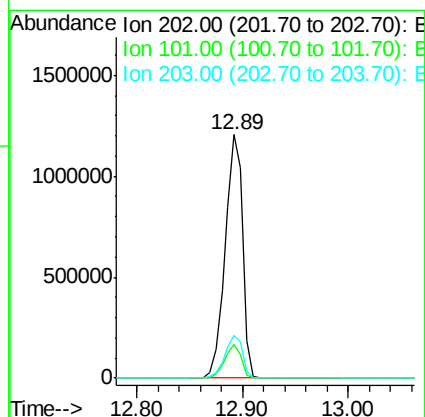
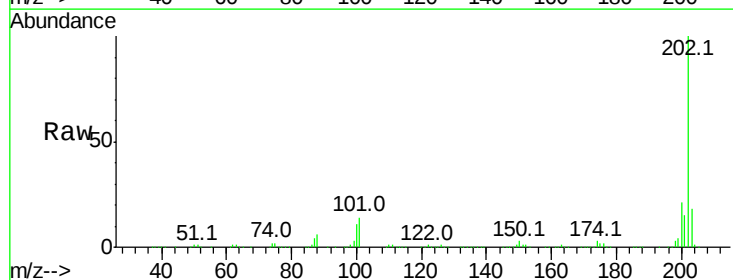
Manual Integrations
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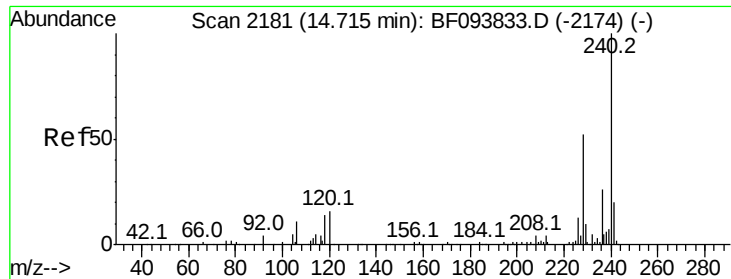
mohammad
3/29/2017 1:57:02 PM



#74
Fluoranthene
Concen: 44.92 ng
RT: 12.89 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion:202 Resp: 1379118
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 17.7 0.0 38.1





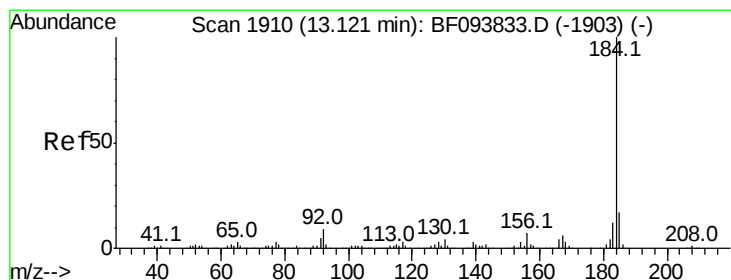
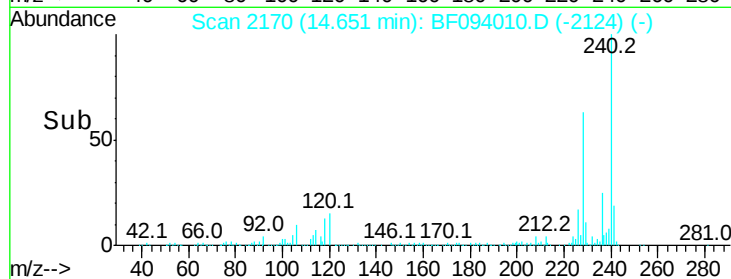
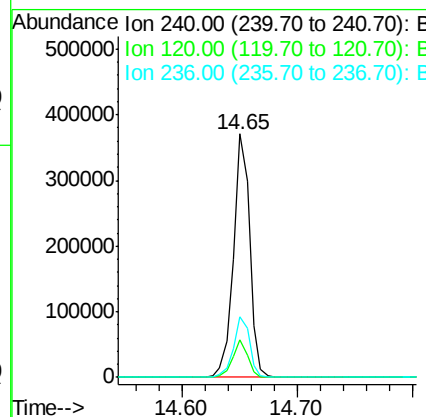
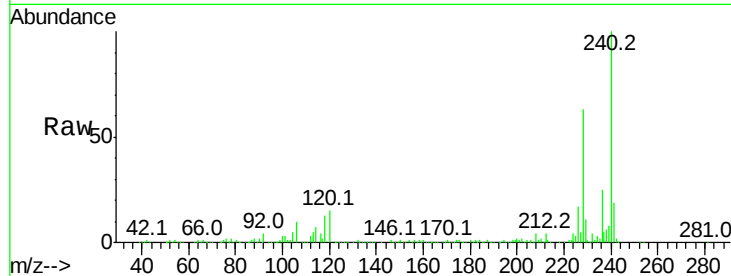
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	24.9	20.5	30.7

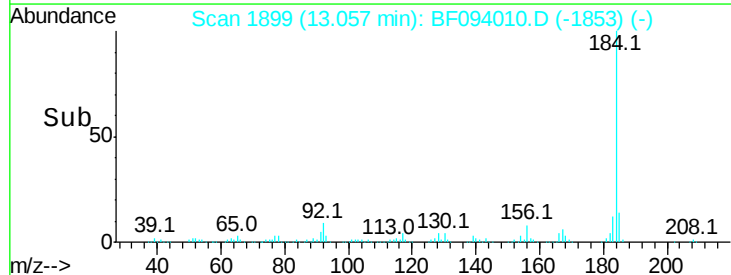
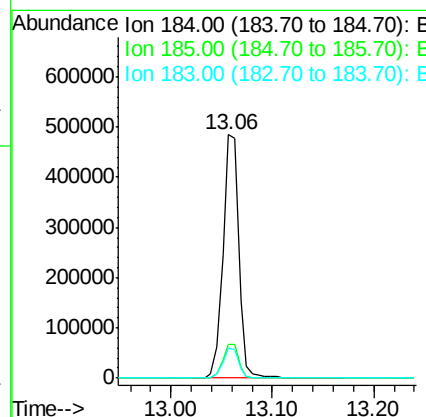
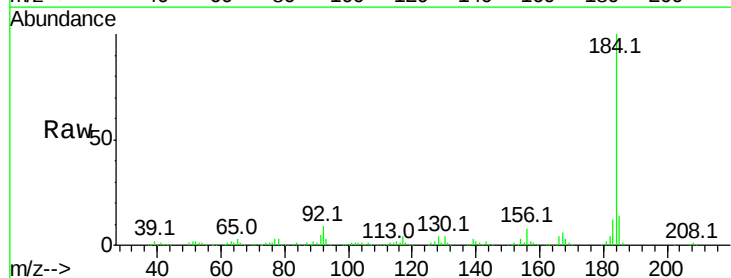
Manual Integrations
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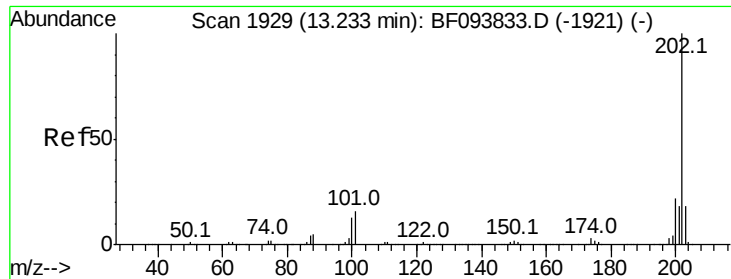
mohammad
3/29/2017 1:57:02 PM



#76
Benzidine
Concen: 36.87 ng
RT: 13.06 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	15.5	23.3#
183	12.1	9.8	14.6





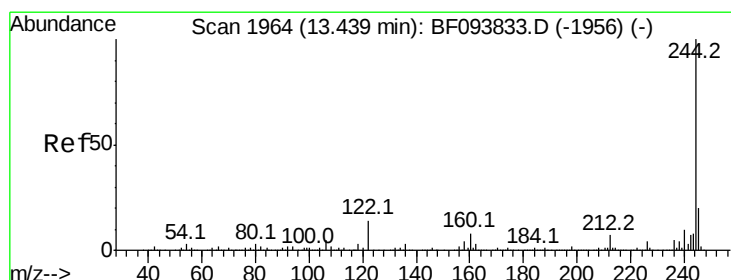
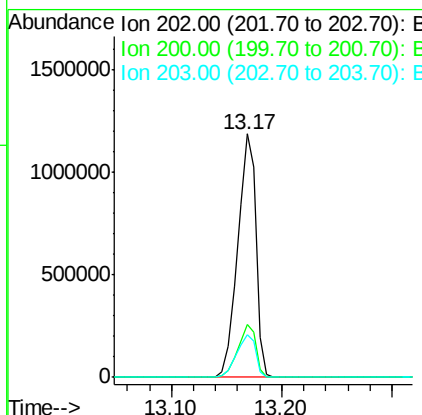
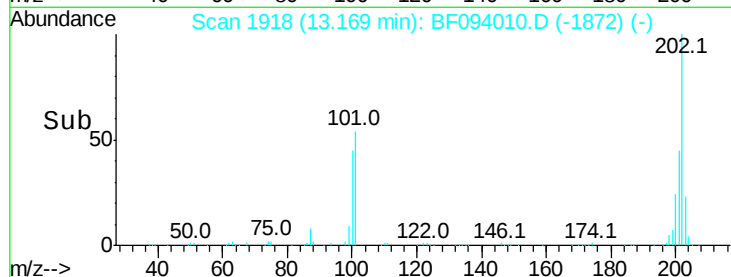
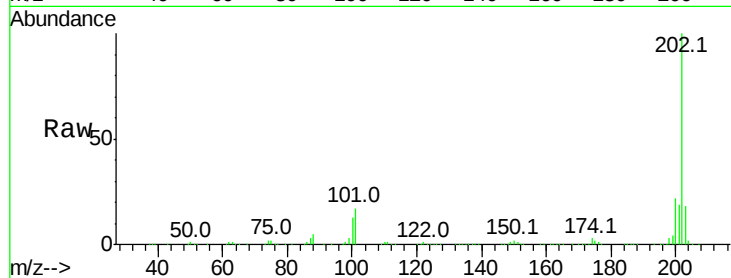
#77
Pvrene
Concen: 52.69 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.7	14.4	21.6

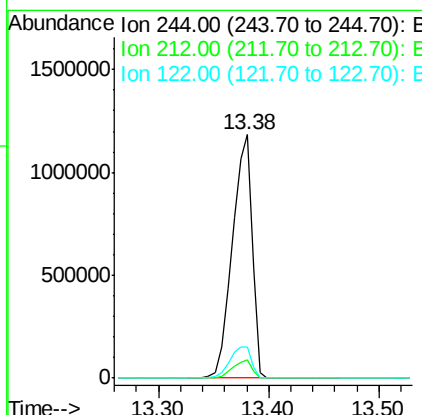
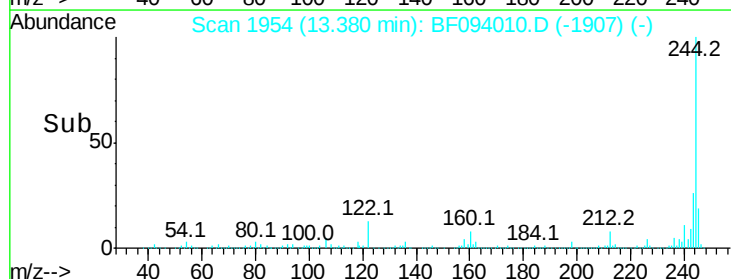
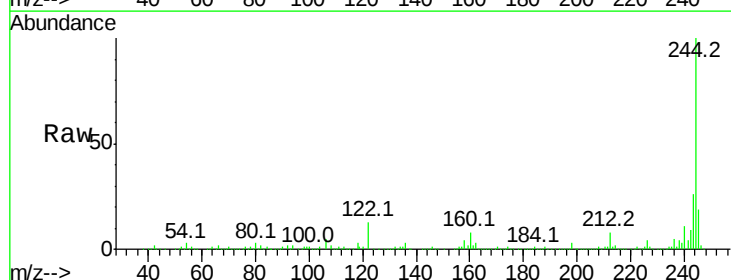
Manual Integrations
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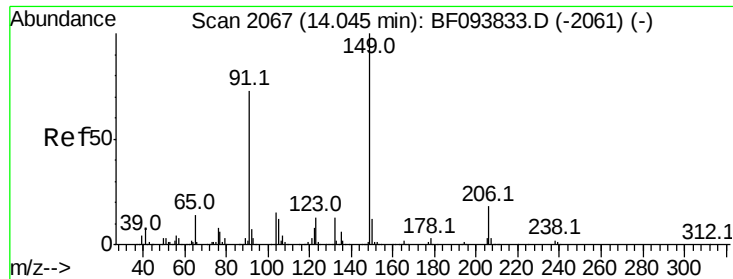
mohammad
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#78
Terphenyl-d14
Concen: 92.70 ng
RT: 13.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.0	10.3	15.5





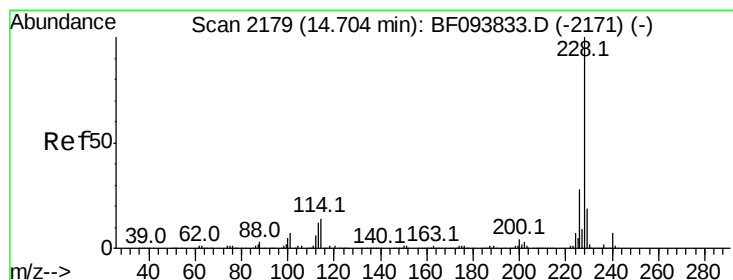
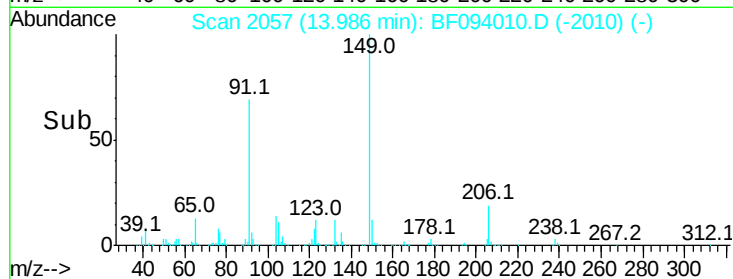
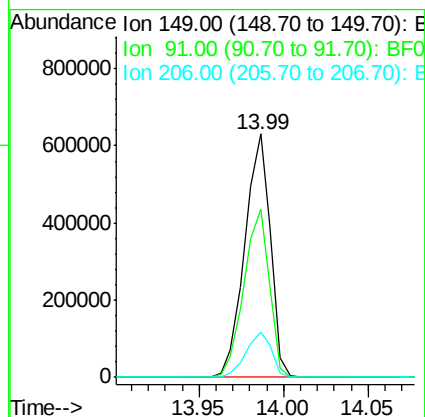
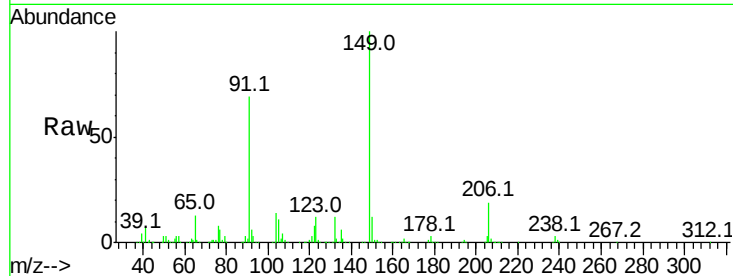
#79
Butylbenzylphthalate
Concen: 59.89 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	45.0	67.4#
206	18.7	17.0	25.6

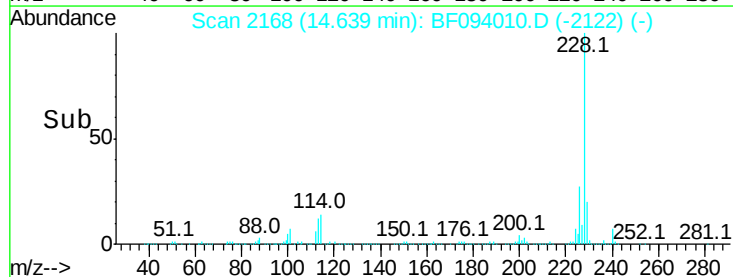
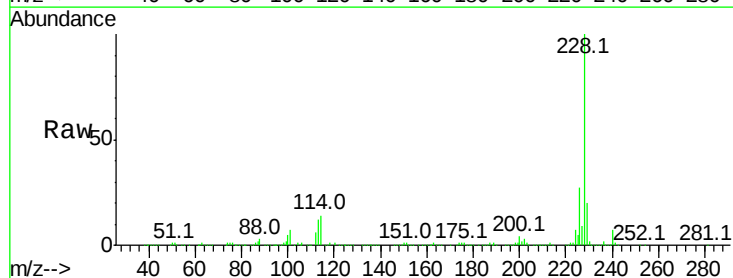
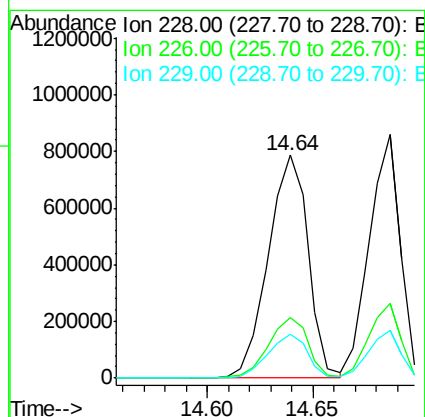
Manual Integrations
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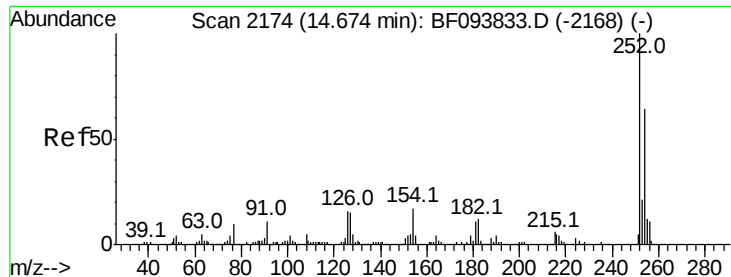
mohammad
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#80
Benzo(a)anthracene
Concen: 49.23 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.8	16.3	24.5





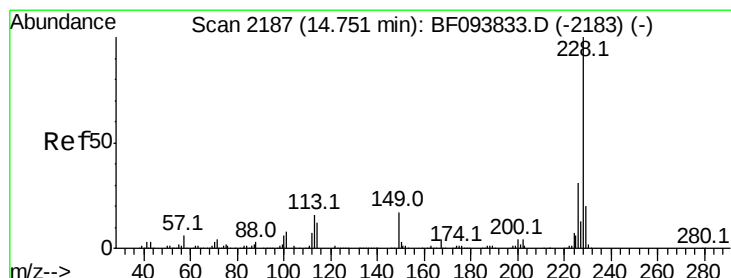
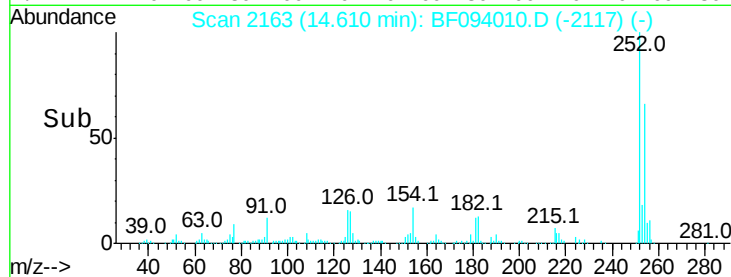
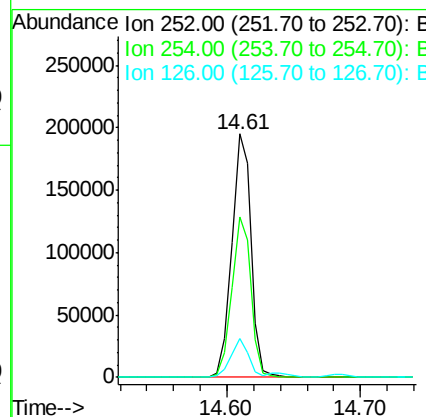
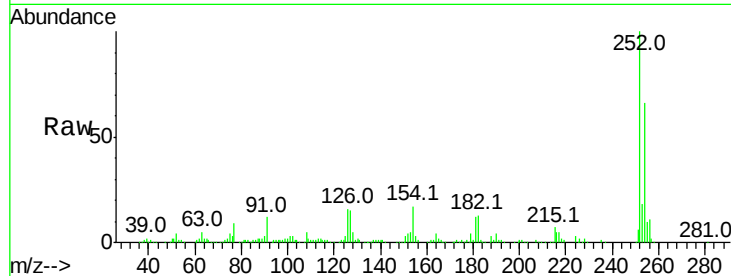
#81
 3,3'-Dichlorobenzidine
 Concen: 26.55 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.5	77.3
126	16.2	15.8	23.8

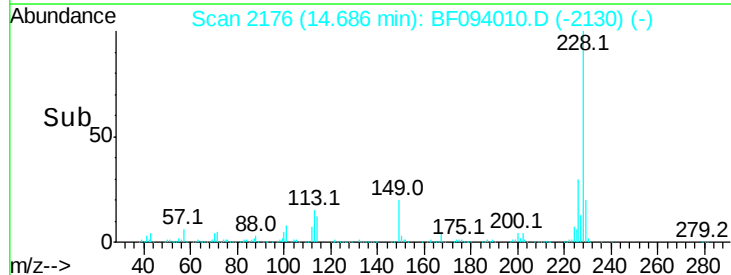
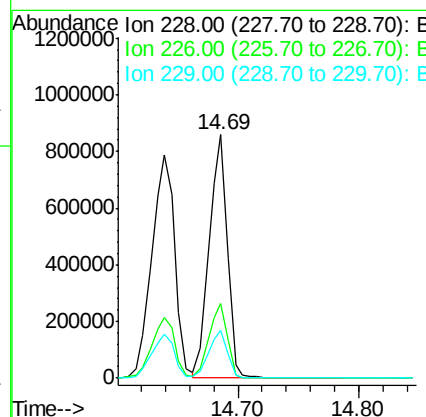
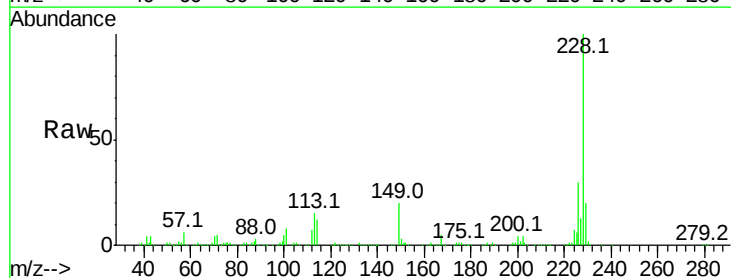
Manual Integrations
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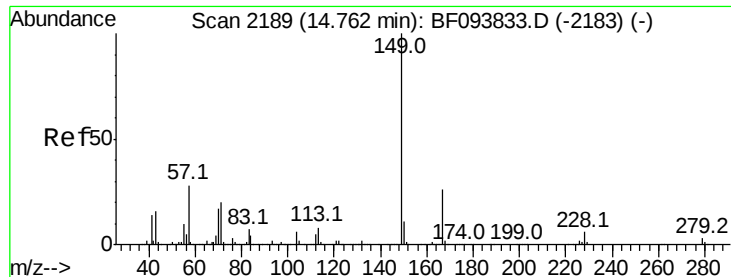
mohammad
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#82
 Chrysene
 Concen: 45.53 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.98 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

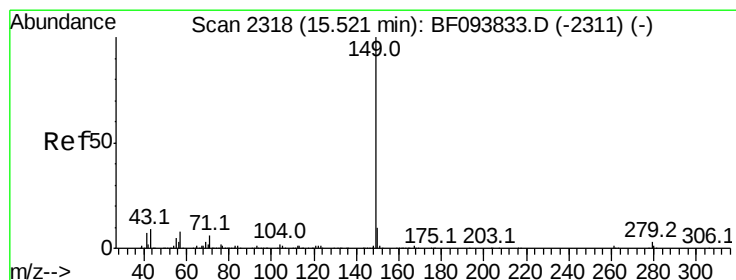
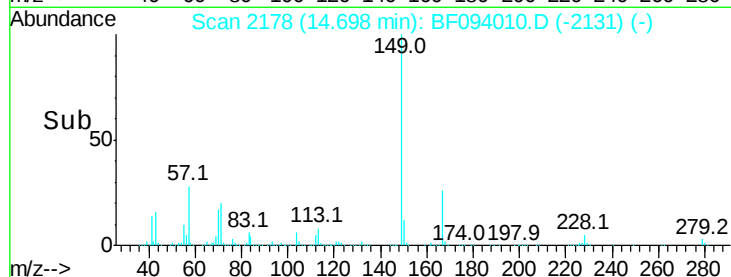
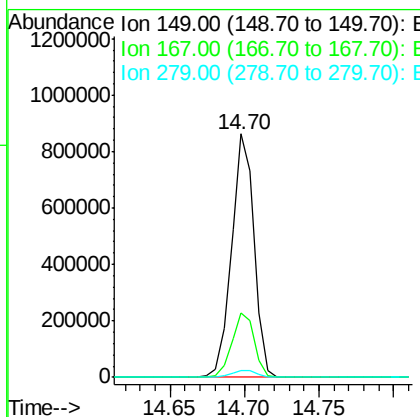
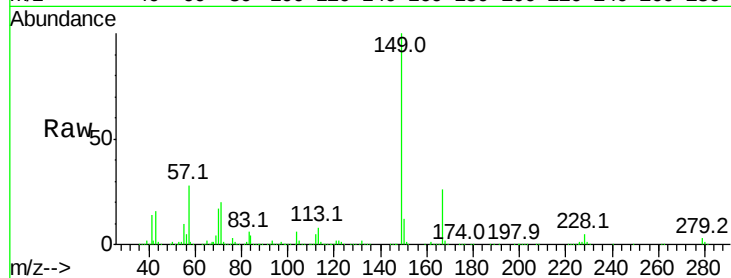
ClientSampleId :

HHD-GW1MSD

Tot Ion:	149	Resp:	913139
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.0	31.4
279	2.9	1.9	2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 58.61 ng

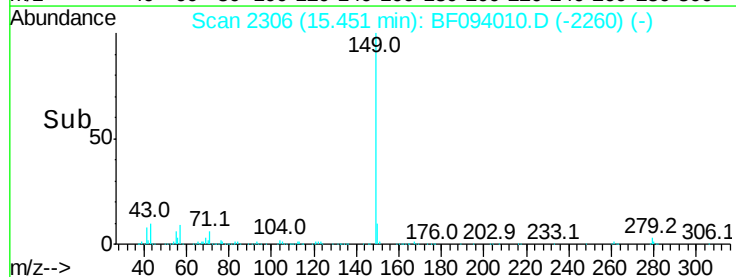
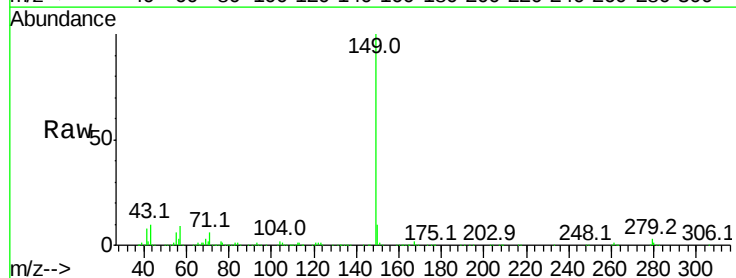
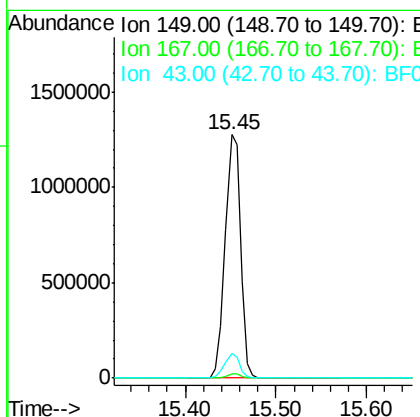
RT: 15.45 min Scan# 2306

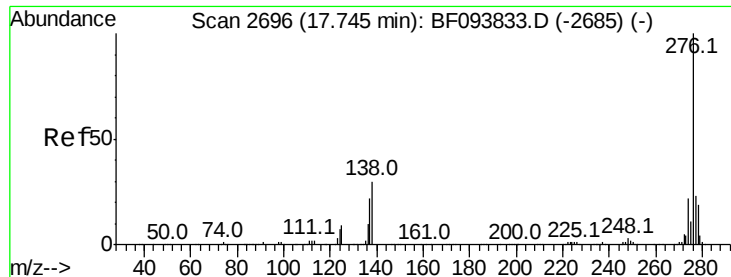
Delta R.T. -0.03 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Tgt Ion:	149	Resp:	1490757
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.6	8.5	12.7





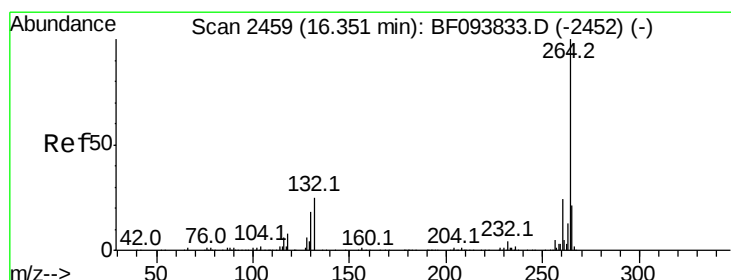
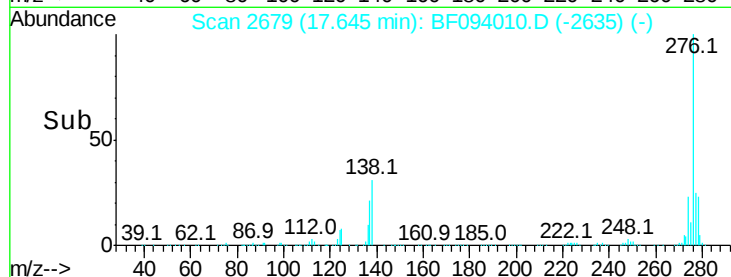
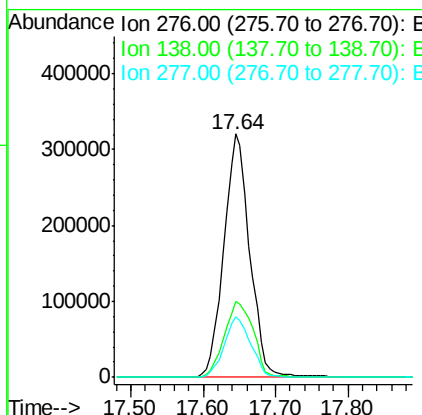
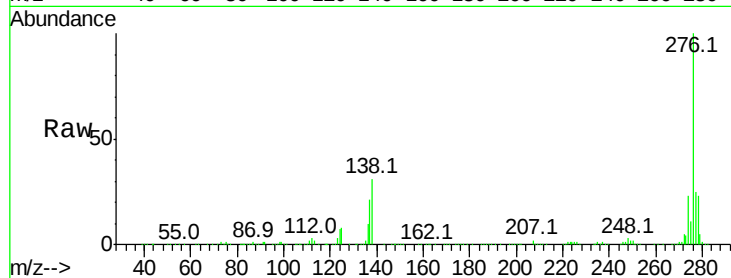
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.99 ng
 RT: 17.64 min Scan# 2679
 Delta R.T. -0.04 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.6	20.2	30.4

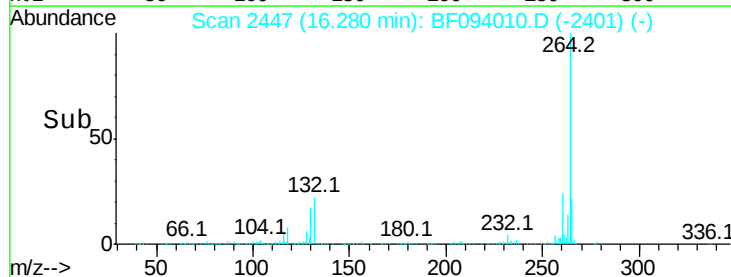
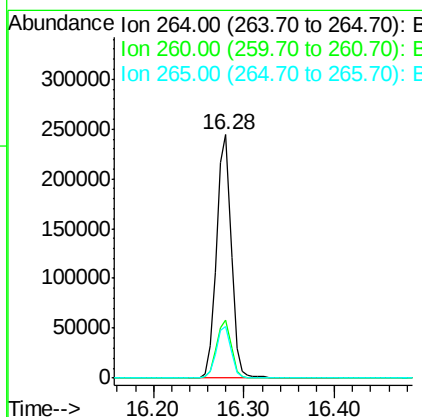
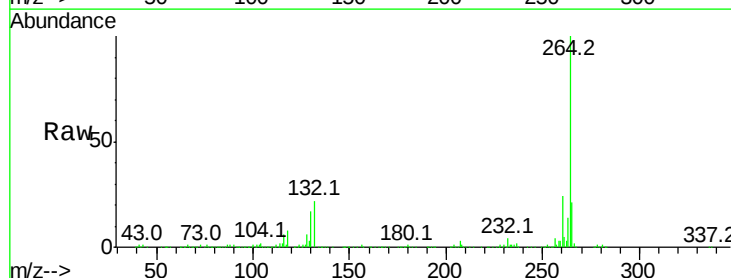
Manual Integrations
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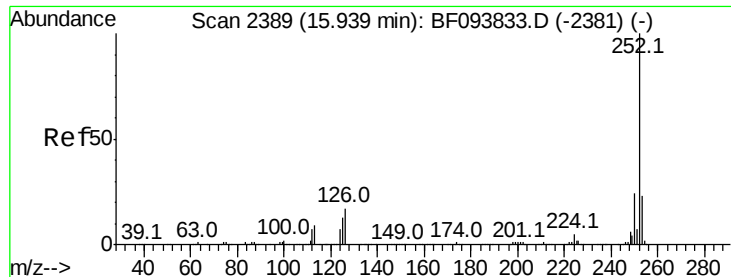
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.28 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.60 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Instrument :

BNA_F

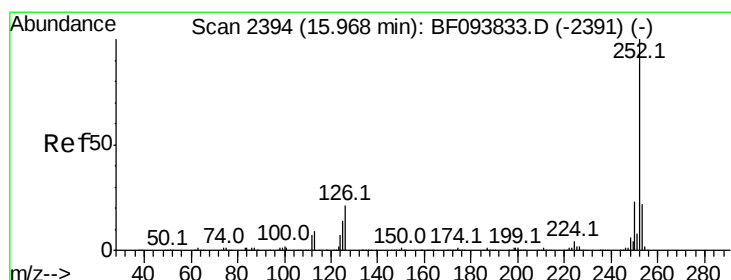
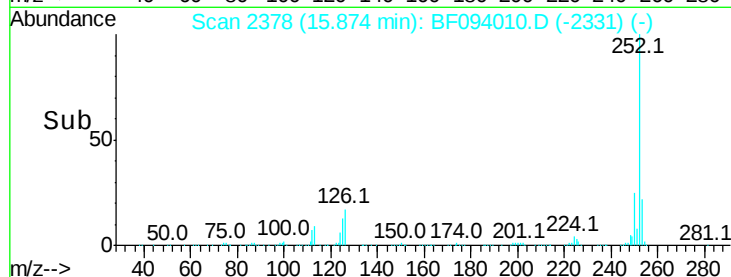
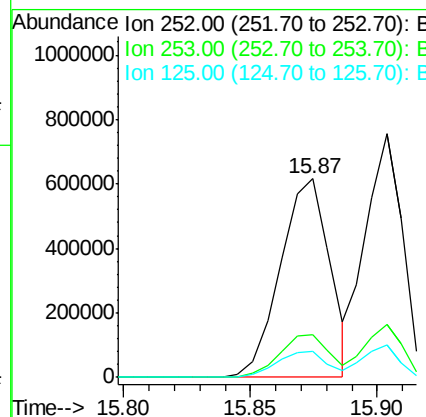
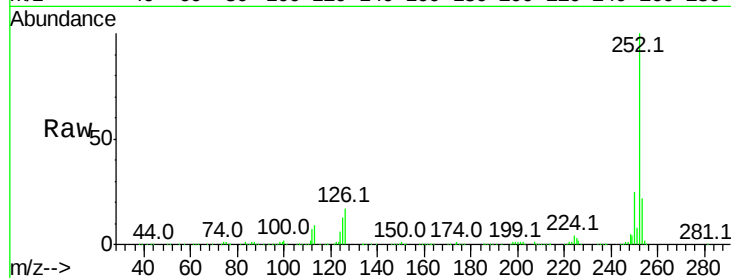
ClientSampleId :

HHD-GW1MSD

Tot Ion:	252	Resp:	833918
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	13.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 47.98 ng

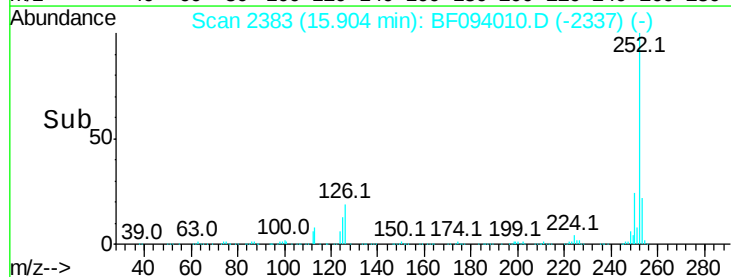
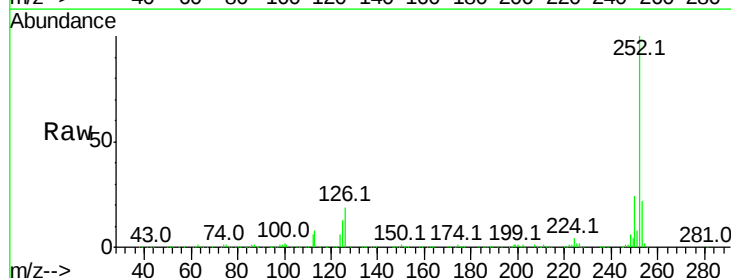
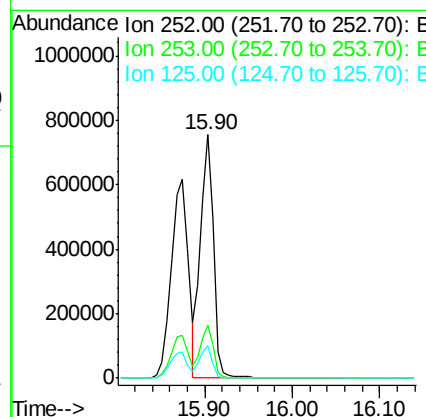
RT: 15.90 min Scan# 2383

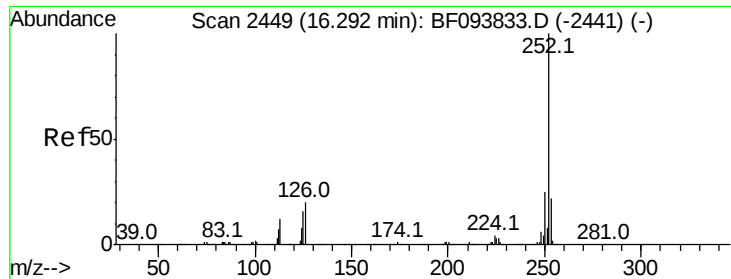
Delta R.T. -0.03 min

Lab File: BF094010.D

Acq: 28 Mar 2017 23:21

Tgt Ion:	252	Resp:	789232
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	13.3	13.1	19.7





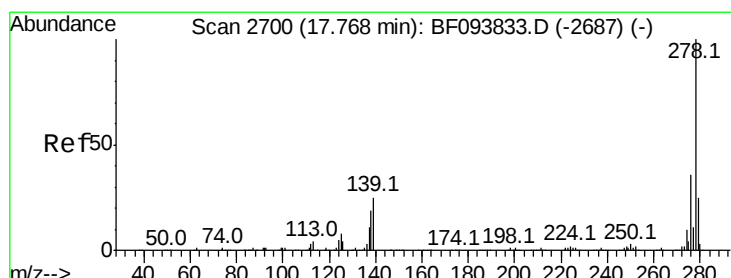
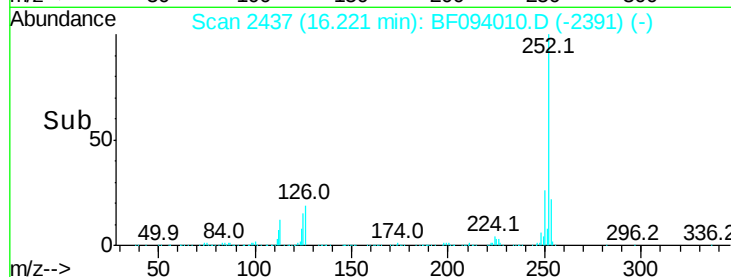
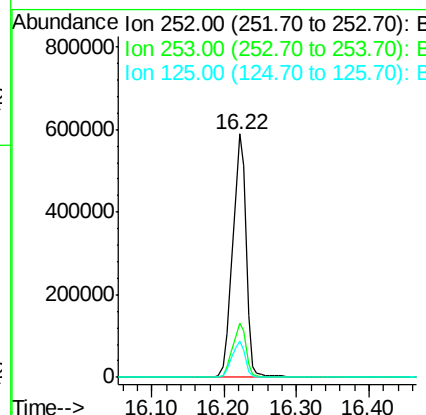
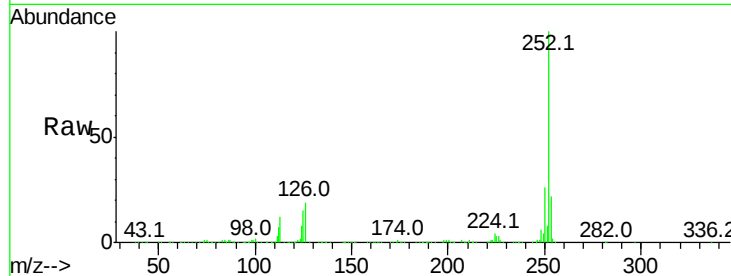
#89
Benzo(a)pyrene
Concen: 49.52 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	15.0	11.0	16.4

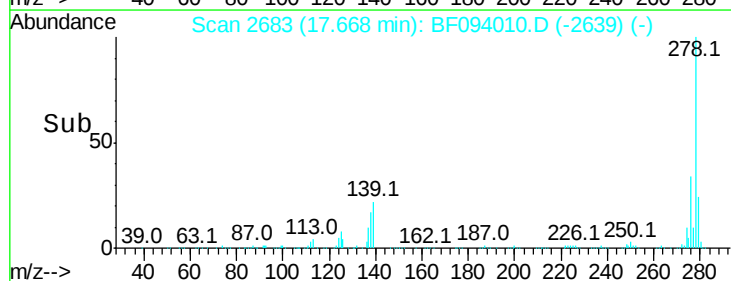
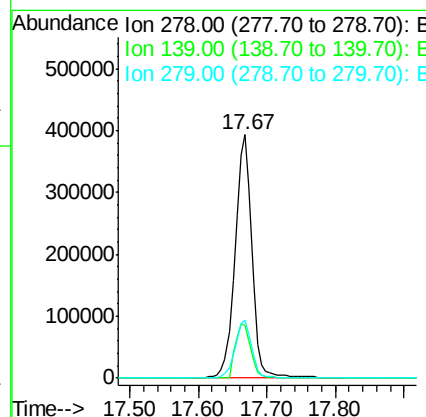
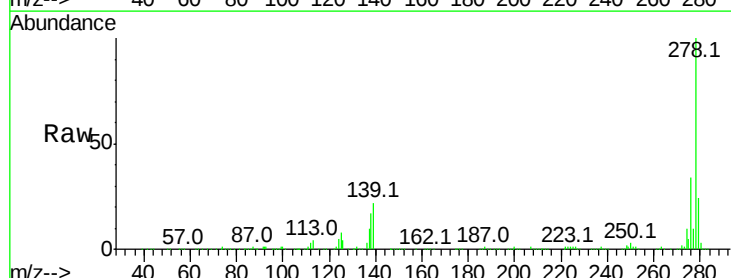
Manual Integrations
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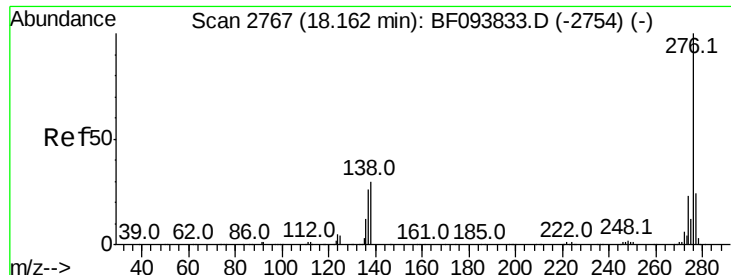
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 51.39 ng
RT: 17.67 min Scan# 2683
Delta R.T. -0.04 min
Lab File: BF094010.D
Acq: 28 Mar 2017 23:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 49.46 ng
 RT: 18.05 min Scan# 2748
 Delta R.T. -0.05 min
 Lab File: BF094010.D
 Acq: 28 Mar 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1MSD

Tot Ion:	276	Resp:	653556
Ion Ratio		Lower	Upper
276	100		
277	23.7	18.6	28.0
138	30.2	25.4	38.0

Manual Integrations
 APPROVED

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