

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096129.D
 Acq On : 22 Jun 2017 19:00
 Operator : SJ/MA
 Sample : I3775-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MSD

Manual Integrations
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mohammad
 6/26/2017 8:28:00 AM

Quant Time: Jun 23 01:40:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	89392	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	356815	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	156683	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	206042	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	145730	20.00	ng	0.00
86) Perylene-d12	19.94	264	132422	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	643234	114.66	ng	-0.01
7) Phenol-d6	6.87	99	832193	123.91	ng	0.00
23) Nitrobenzene-d5	8.20	82	523953	91.20	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	125443	90.49	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	908714	80.71	ng	-0.02
78) Terphenyl-d14	16.92	244	500587	85.25	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.61	88	88025	32.98	ng	94
3) Pyridine	2.14	79	231792	36.95	ng	99
4) n-Nitrosodimethylamine	2.12	42	106833	44.80	ng	85
6) Aniline	6.78	93	311873	35.50	ng	95
8) 2-Chlorophenol	6.97	128	278632	46.71	ng	95
9) Benzaldehyde	6.60	77	69383	15.32	ng	94
10) Phenol	6.88	94	359180	51.56	ng	91
11) bis(2-Chloroethyl)ether	6.93	93	251213	45.52	ng	96
12) 1,3-Dichlorobenzene	7.17	146	257124	38.08	ng	99
13) 1,4-Dichlorobenzene	7.30	146	294684	43.04	ng	97
14) 1,2-Dichlorobenzene	7.53	146	281757	44.64	ng	97
15) Benzyl Alcohol	7.59	79	223262	48.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.77	45	333295	42.98	ng	98
17) 2-Methylphenol	7.84	107	202754	40.50	ng	94
18) Hexachloroethane	8.05	117	87597	38.74	ng	# 86
19) n-Nitroso-di-n-propylamine	8.02	70	178985	42.05	ng	95
20) 3+4-Methylphenols	8.10	107	286939	45.16	ng	# 57
22) Acetophenone	7.97	105	348034	41.67	ng	# 85
24) Nitrobenzene	8.23	77	276122	44.99	ng	95
25) Isophorone	8.64	82	438864	40.91	ng	97
26) 2-Nitrophenol	8.75	139	122207	38.03	ng	97
27) 2,4-Dimethylphenol	8.91	122	242891	48.70	ng	98
28) bis(2-Chloroethoxy)methane	9.02	93	304009	42.99	ng	98
29) 2,4-Dichlorophenol	9.20	162	218191	45.42	ng	98
30) 1,2,4-Trichlorobenzene	9.25	180	217654	43.55	ng	99
31) Naphthalene	9.35	128	765983	42.77	ng	99
33) 4-Chloroaniline	9.51	127	230064	32.87	ng	94
34) Hexachlorobutadiene	9.56	225	97499	37.75	ng	99
35) Caprolactam	10.13	113	58370m	40.84	ng	
36) 4-Chloro-3-methylphenol	10.40	107	233348	46.41	ng	89
37) 2-Methylnaphthalene	10.47	142	538882	44.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	196258	41.85	ng	99
40) Hexachlorocyclopentadiene	10.72	237	5806	14.64	ng	86
42) 2,4,6-Trichlorophenol	11.00	196	127866	42.41	ng	95

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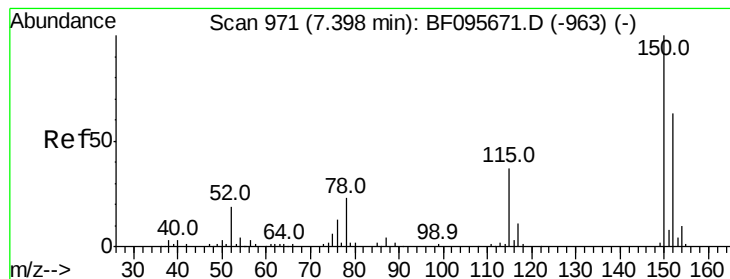
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.10	196	126020	39.30	nq	95
45) 1,1'-Biphenyl	11.25	154	547828	42.42	nq	98
46) 2-Chloronaphthalene	11.26	162	429365	42.55	nq	95
47) 2-Nitroaniline	11.49	65	135099	45.76	nq	87
48) Acenaphthylene	11.90	152	667549	38.69	nq	99
49) Dimethylphthalate	11.81	163	732581	61.58	nq	99
50) 2,6-Dinitrotoluene	11.90	165	100958	38.91	nq	# 62
51) Acenaphthene	12.19	154	401046	40.25	nq	100
52) 3-Nitroaniline	12.17	138	119451	39.51	nq	94
54) Dibenzofuran	12.47	168	522282	37.24	nq	98
55) 4-Nitrophenol	12.62	139	81050	47.89	nq	# 74
56) 2,4-Dinitrotoluene	12.58	165	122197	34.87	nq	# 87
57) Fluorene	13.03	166	413002	33.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.74	232	65226	29.73	nq	# 93
59) Diethylphthalate	12.95	149	435447	38.03	nq	100
60) 4-Chlorophenyl-phenylether	13.06	204	186555	35.15	nq	90
61) 4-Nitroaniline	13.17	138	101418	35.93	nq	94
62) Azobenzene	13.32	77	385423	37.15	nq	94
65) n-Nitrosodiphenylamine	13.27	169	355321	47.99	nq	98
66) 4-Bromophenyl-phenylether	13.84	248	99447	46.44	nq	98
67) Hexachlorobenzene	13.93	284	95691	45.35	nq	# 90
68) Atrazine	14.20	200	100407	48.73	nq	97
69) Pentachlorophenol	14.31	266	21426	31.17	nq	93
70) Phenanthrene	14.57	178	574122	48.29	nq	97
71) Anthracene	14.66	178	547495	44.11	nq	98
72) Carbazole	14.96	167	486601	40.23	nq	97
73) Di-n-butylphthalate	15.55	149	649090	50.44	nq	98
74) Fluoranthene	16.36	202	561764	47.74	nq	98
76) Benzdine	16.60	184	227815	40.70	nq	# 92
77) Pyrene	16.66	202	544922	50.11	nq	100
79) Butylbenzylphthalate	17.59	149	220097	46.35	nq	# 85
80) Benzo(a)anthracene	18.26	228	413321	48.78	nq	100
81) 3,3'-Dichlorobenzidine	18.24	252	122431	40.64	nq	# 95
82) Chrysene	18.30	228	403058	47.60	nq	98
83) Bis(2-ethylhexyl)phthalate	18.34	149	319206	47.65	nq	99
84) Di-n-octyl phthalate	19.11	149	512774	46.45	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	304803	42.07	nq	99
87) Benzo(b)fluoranthene	19.54	252	390862	47.14	nq	98
88) Benzo(k)fluoranthene	19.57	252	362202	45.70	nq	97
89) Benzo(a)pyrene	19.89	252	356015	46.71	nq	99
90) Dibenzo(a,h)anthracene	21.10	278	250629	38.77	nq	97
91) Benzo(g,h,i)perylene	21.43	276	246055	37.33	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF096129.D

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GHD-SB-020304-0-11MSD

Tot Ion:152 Resp: 89392

Ion Ratio Lower Upper

152 100

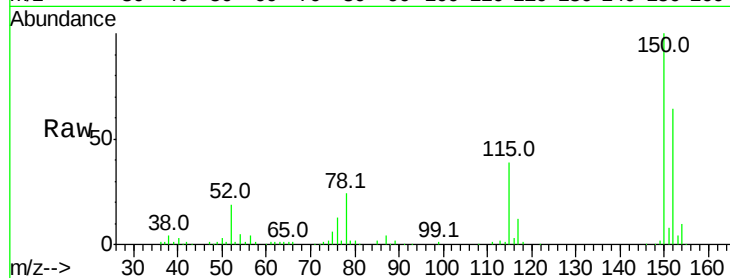
150 156.4 126.2 189.2

115 61.1 52.2 78.2

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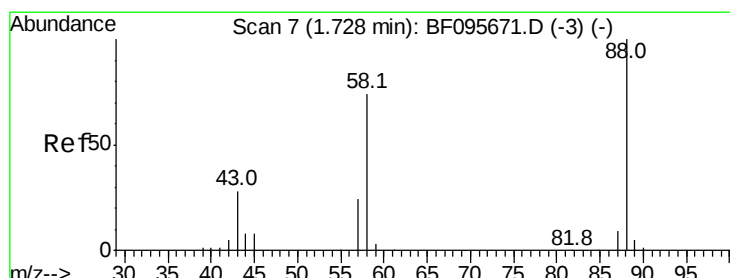
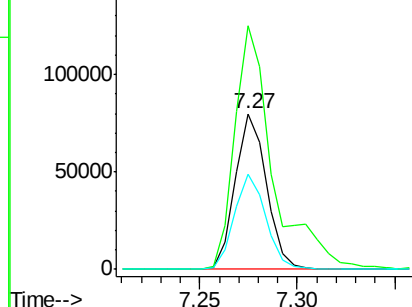
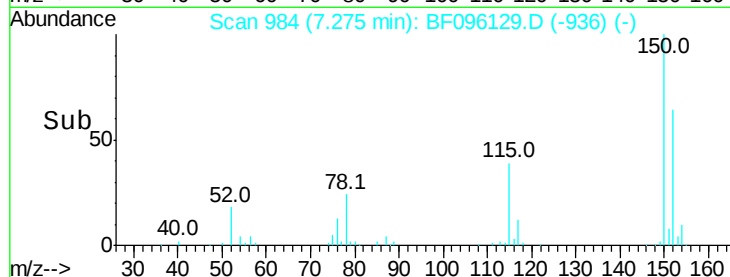
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.98 ng

RT: 1.61 min Scan# 21

Delta R.T. 0.00 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

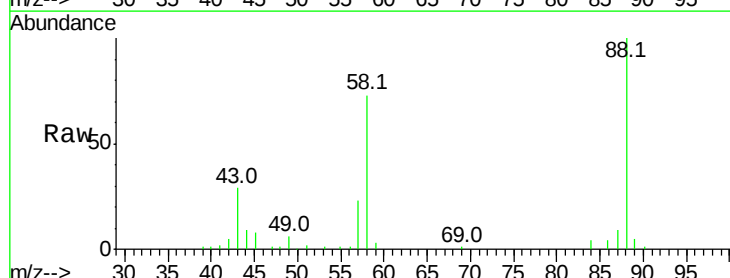
Tgt Ion: 88 Resp: 88025

Ion Ratio Lower Upper

88 100

58 70.7 61.4 92.0

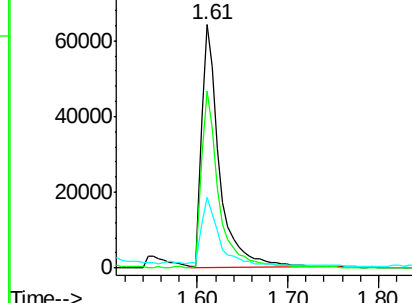
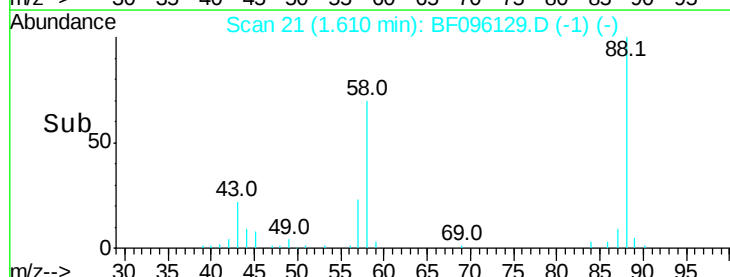
43 27.3 23.4 35.0

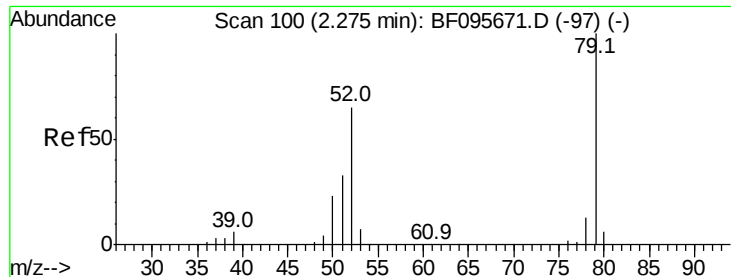


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.95 ng

RT: 2.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

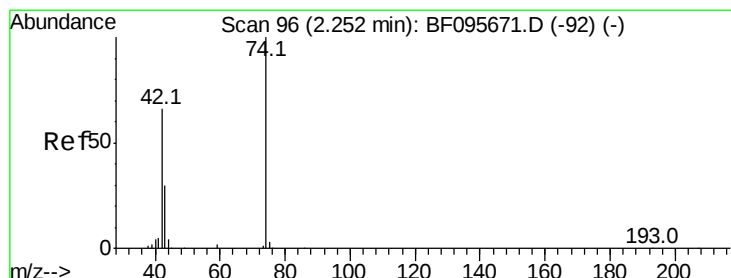
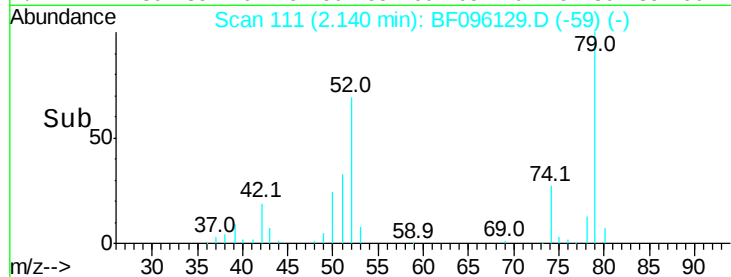
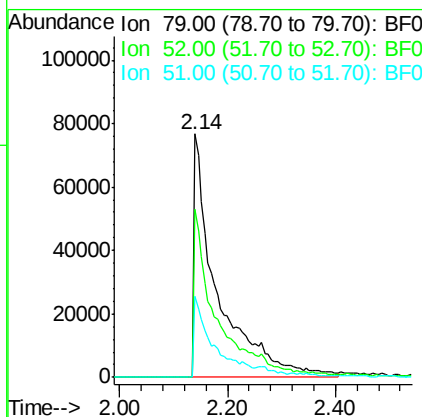
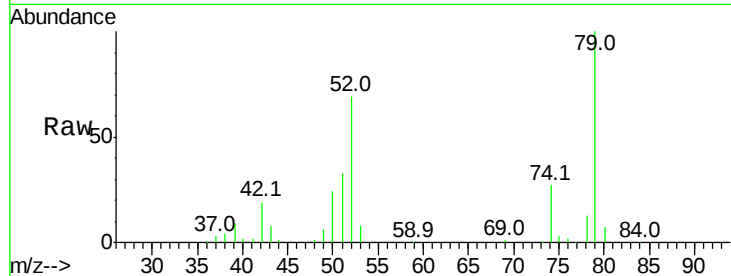
ClientSampleID :

GHD-SB-020304-0-11MSD

Tot Ion:	79	Resp:	231792
Ion Ratio	Lower	Upper	
79	100		
52	69.0	54.8	82.2
51	33.3	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 44.80 ng

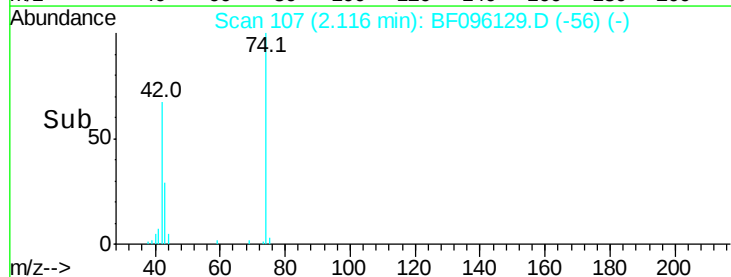
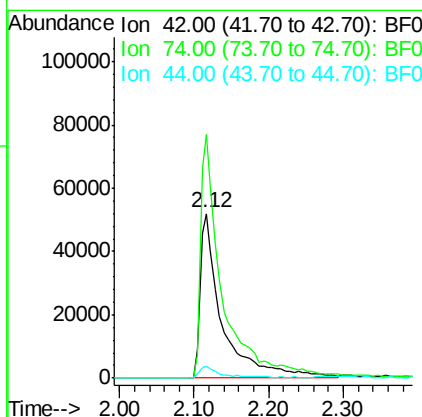
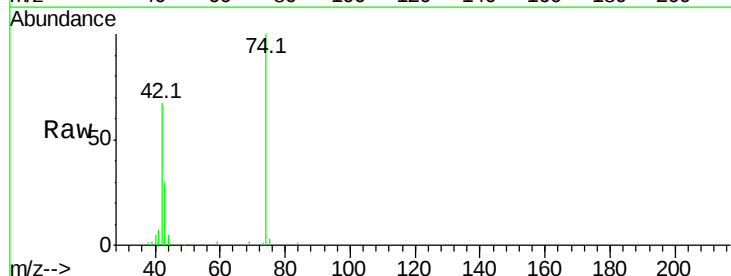
RT: 2.12 min Scan# 107

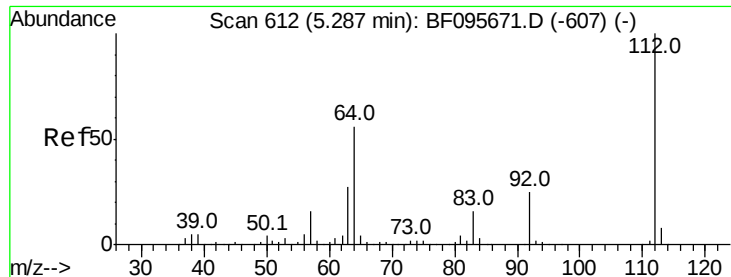
Delta R.T. 0.00 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	42	Resp:	106833
Ion Ratio	Lower	Upper	
42	100		
74	148.2	103.9	155.9
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 114.66 ng

RT: 5.17 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

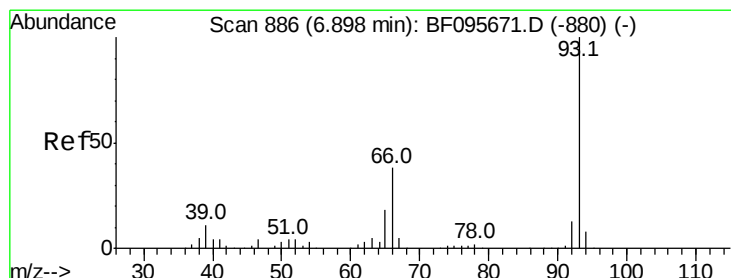
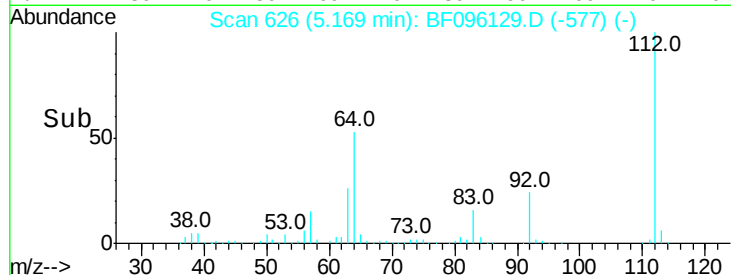
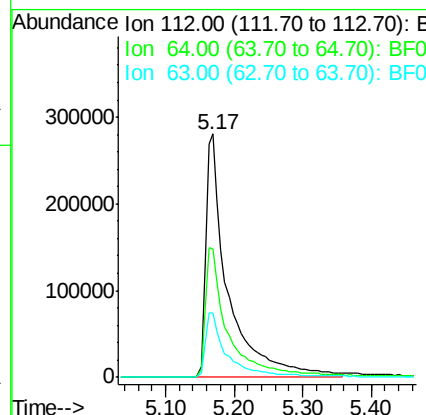
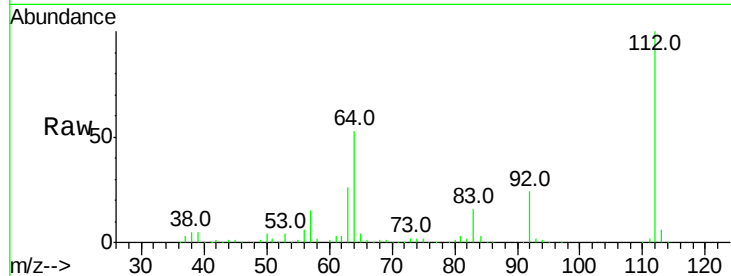
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	112	Resp:	643234
Ion Ratio	Lower	Upper	
112	100		
64	52.9	46.0	69.0
63	26.5	23.4	35.0

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#6

Aniline

Concen: 35.50 ng

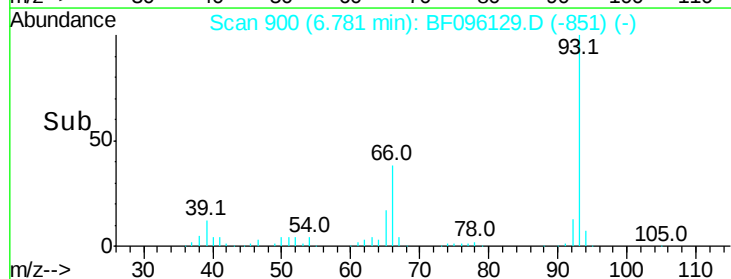
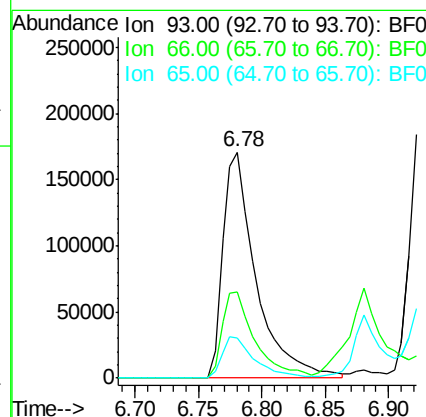
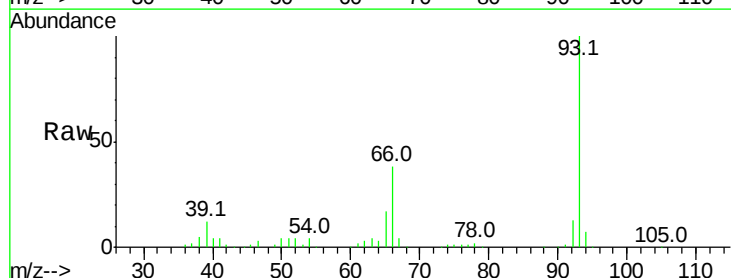
RT: 6.78 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	93	Resp:	311873
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.9	49.3
65	17.5	16.0	24.0





#7

Phenol-d6

Concen: 123.91 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

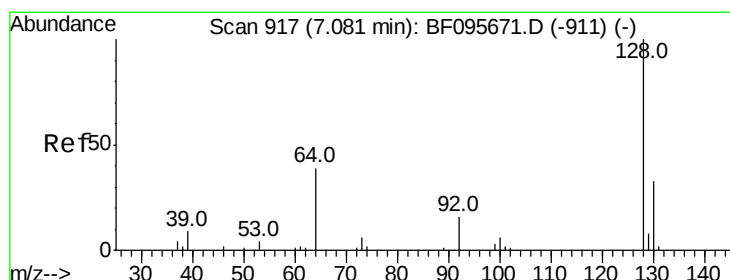
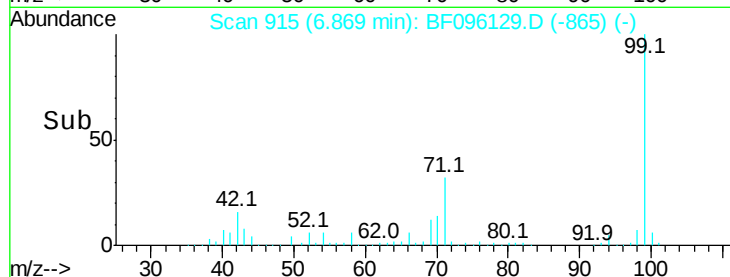
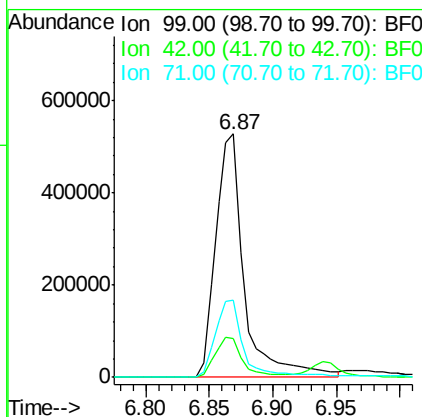
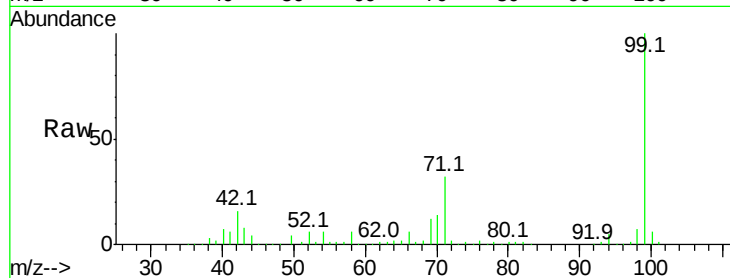
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	99	Resp:	832193
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	31.8	24.5	36.7

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#8

2-Chlorophenol

Concen: 46.71 ng

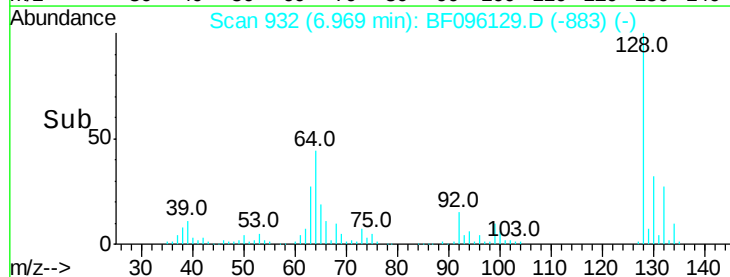
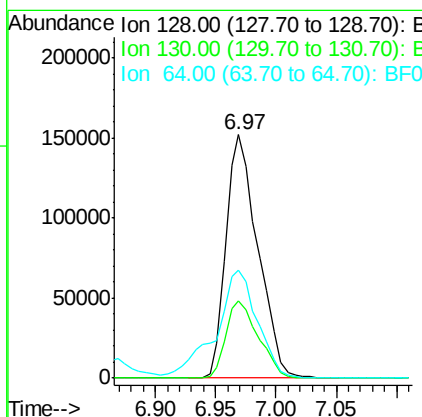
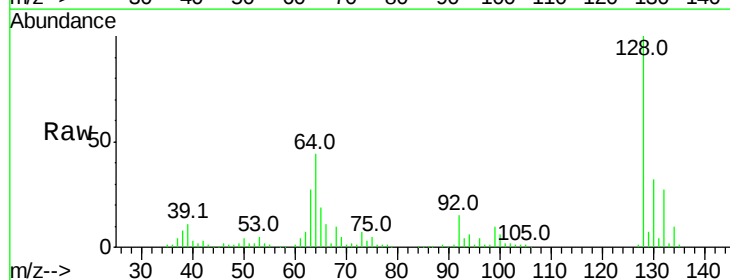
RT: 6.97 min Scan# 932

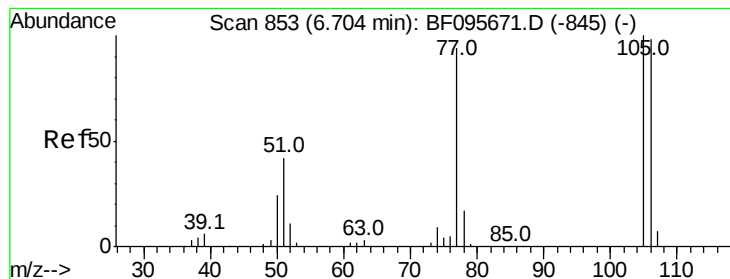
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	128	Resp:	278632
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	44.3	28.4	68.4





#9

Benzaldehyde

Concen: 15.32 ng

RT: 6.60 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

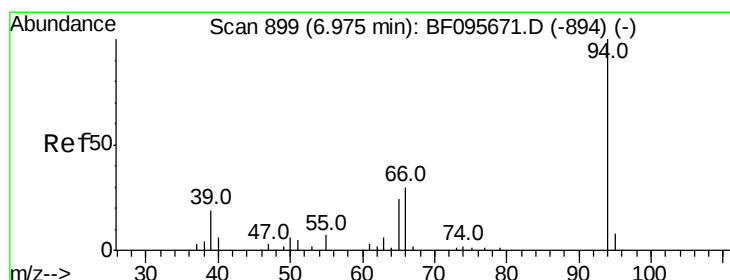
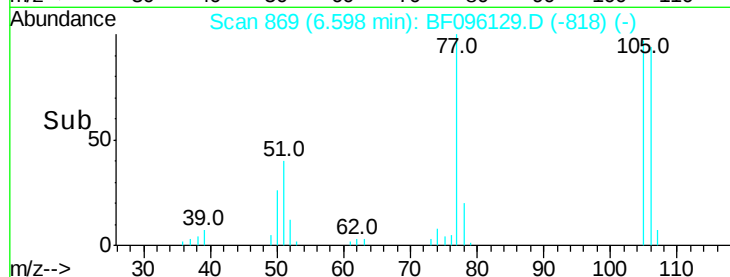
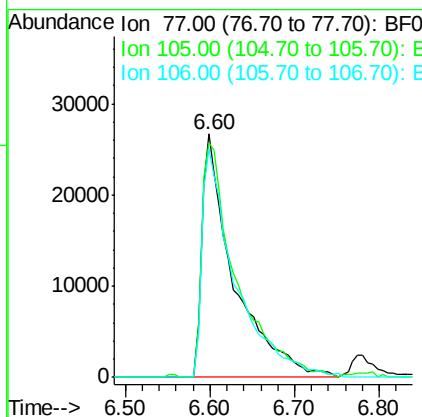
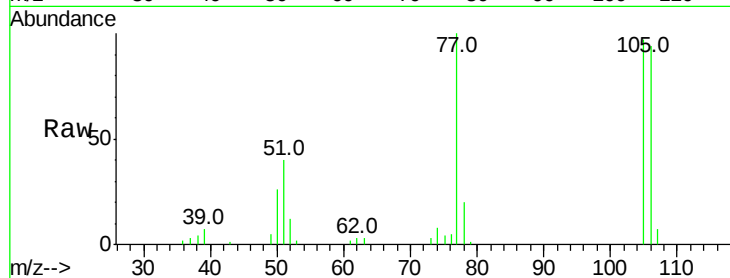
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	77	Resp:	69383
Ion	Ratio	Lower	Upper
77	100		
105	96.6	83.8	123.8
106	93.9	79.1	119.1

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#10

Phenol

Concen: 51.56 ng

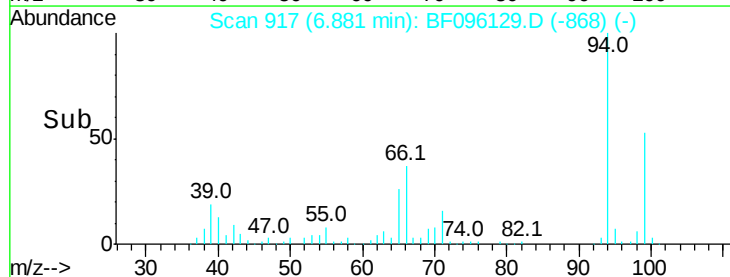
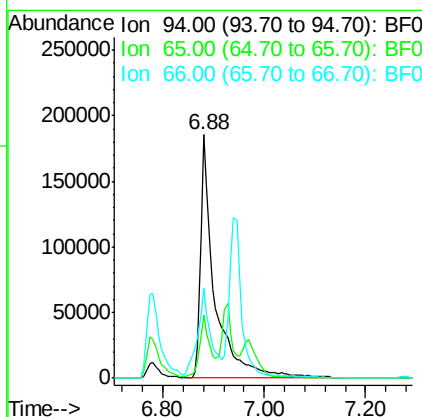
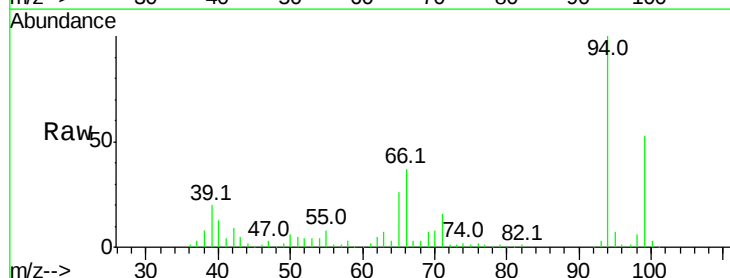
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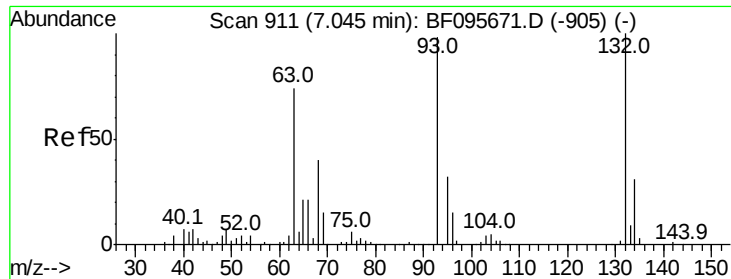
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	94	Resp:	359180
Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	36.9	23.1	63.1





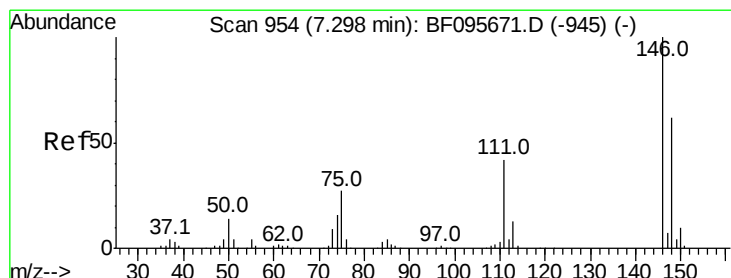
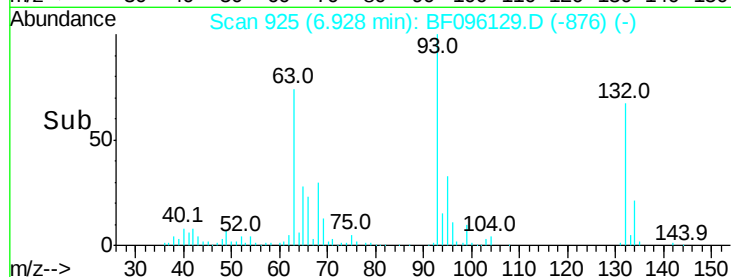
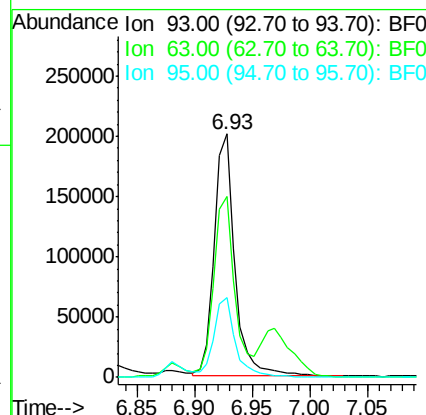
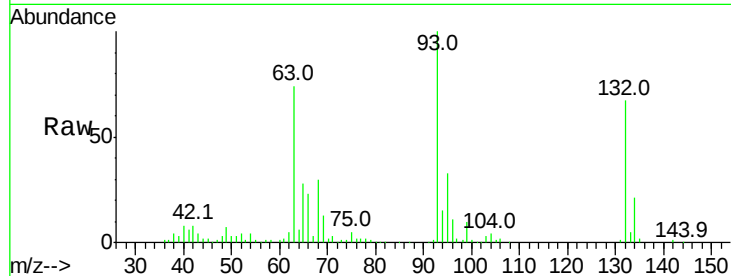
#11
bis(2-Chloroethyl)ether
Concen: 45.52 ng
RT: 6.93 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	59.2	99.2
95	32.8	12.8	52.8

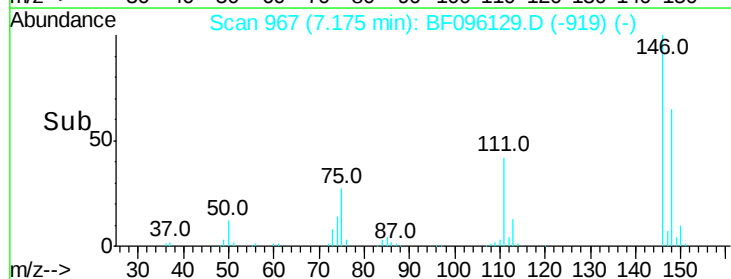
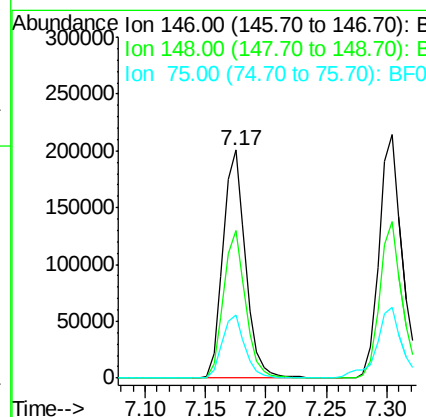
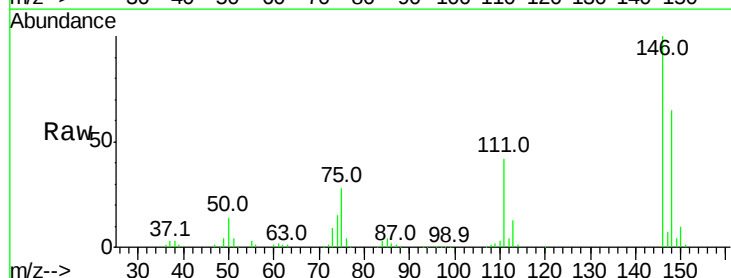
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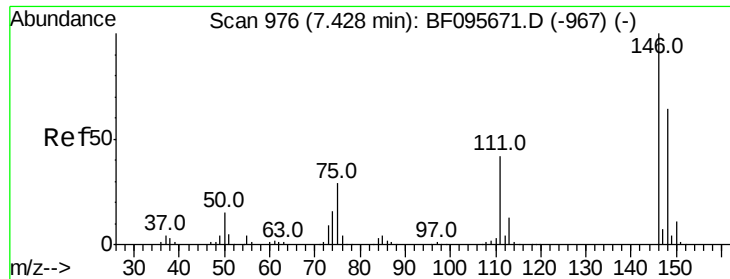
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.08 ng
RT: 7.17 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
75	27.8	23.1	34.7





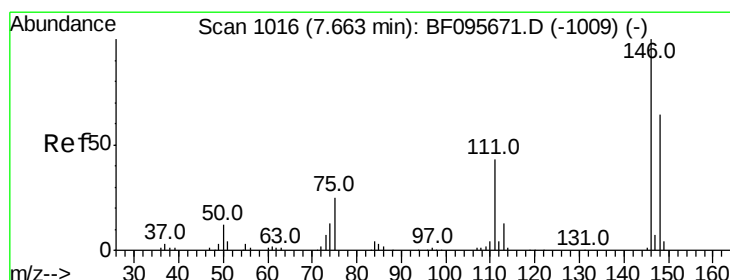
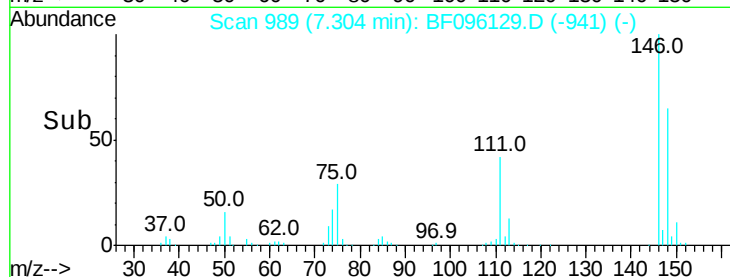
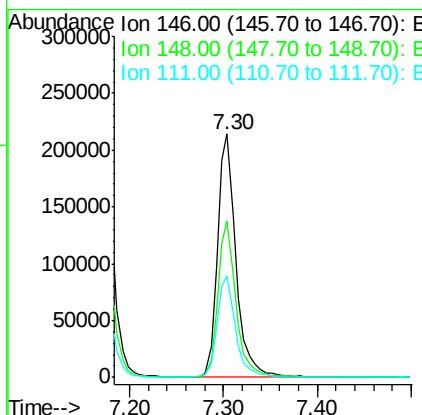
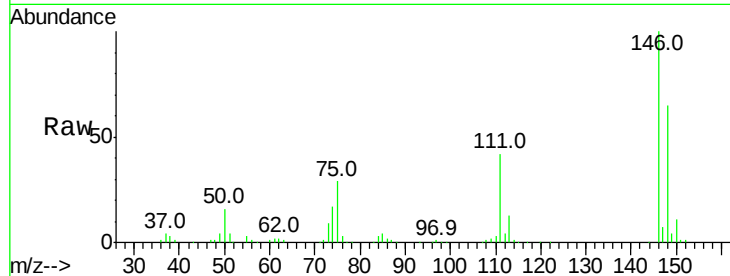
#13
 1,4-Dichlorobenzene
 Concen: 43.04 ng
 RT: 7.30 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	41.7	30.3	45.5

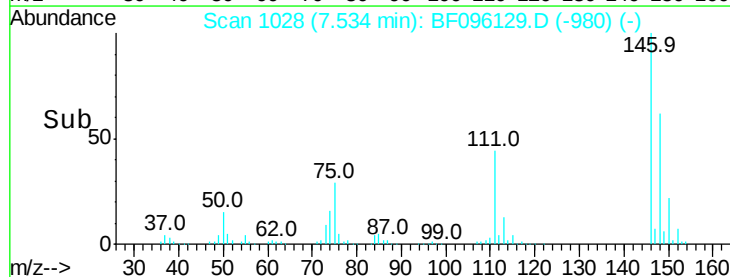
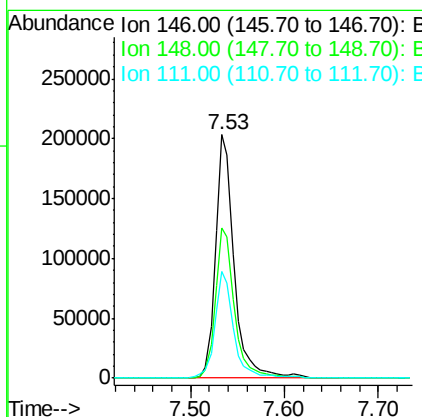
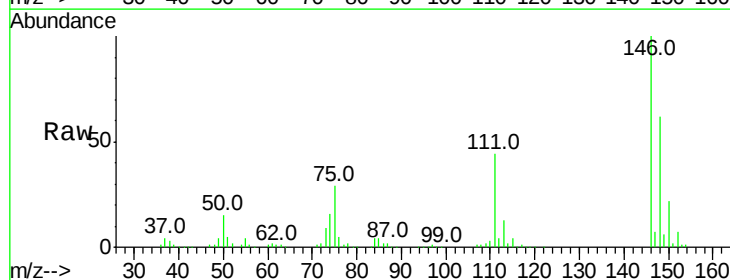
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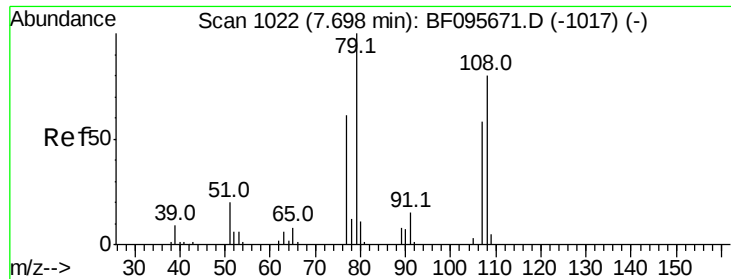
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.64 ng
 RT: 7.53 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.4	75.6
111	43.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 48.43 ng

RT: 7.59 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

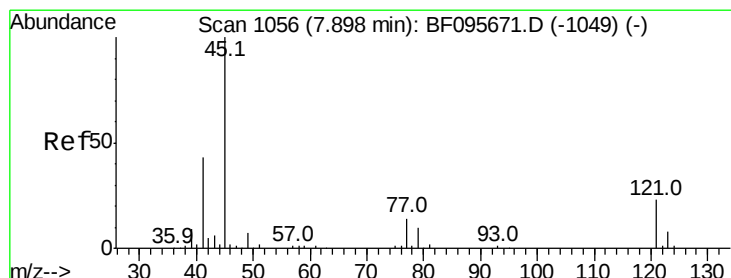
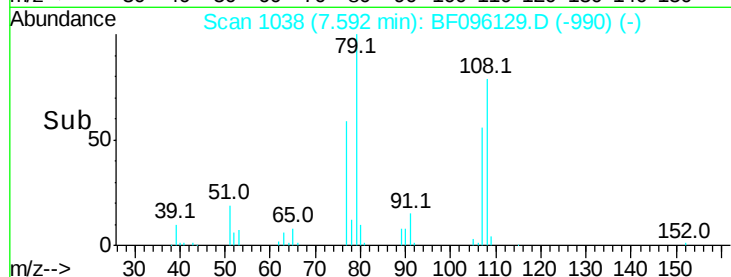
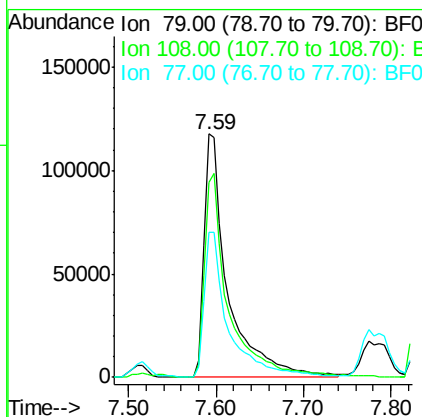
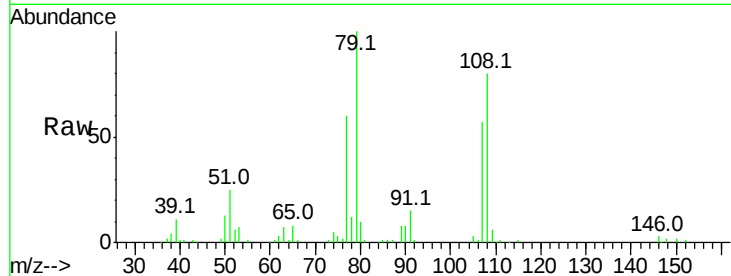
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	79	Resp:	223262
Ion Ratio	Lower	Upper	
79	100		
108	80.1	63.4	95.0
77	59.6	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.98 ng

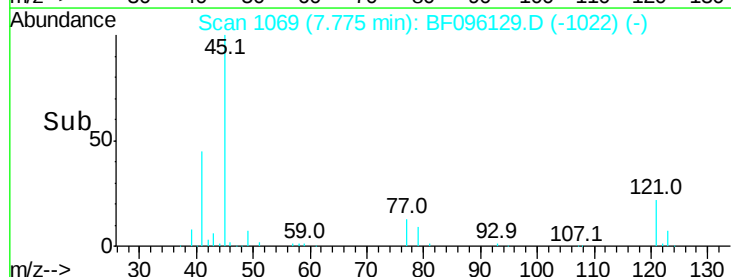
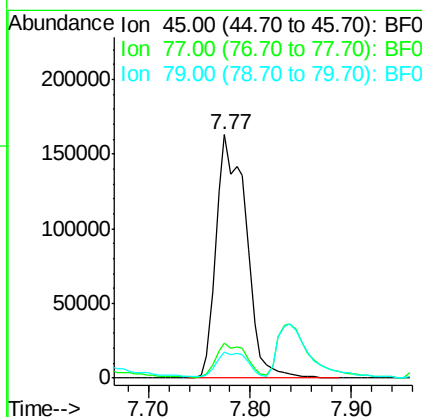
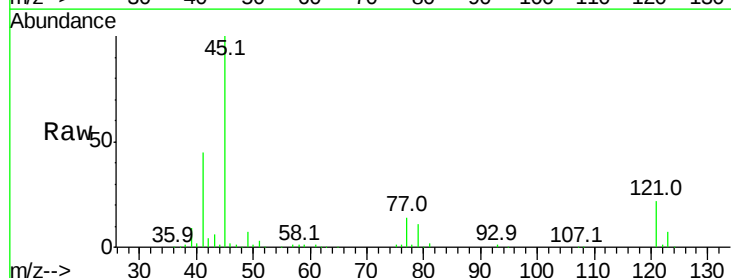
RT: 7.77 min Scan# 1069

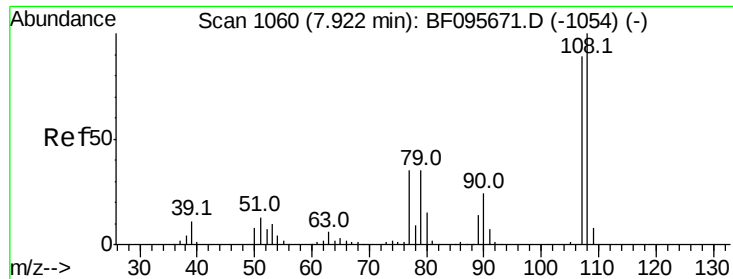
Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	45	Resp:	333295
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	33.2
79	10.6	0.0	30.0





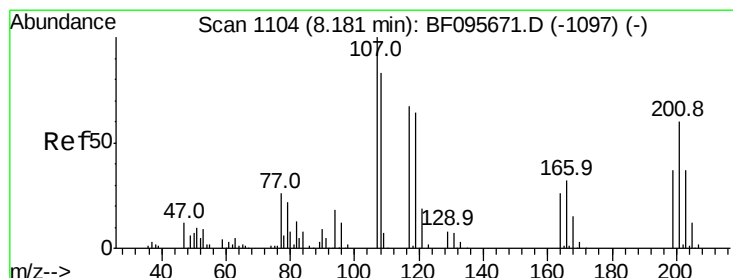
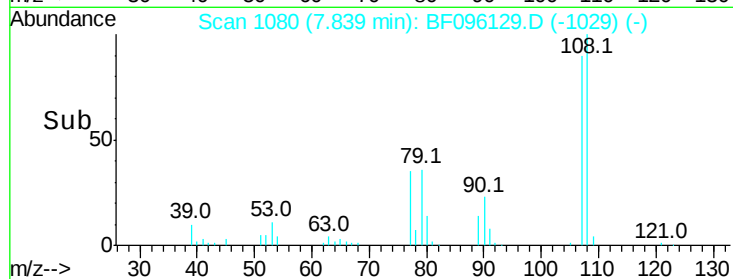
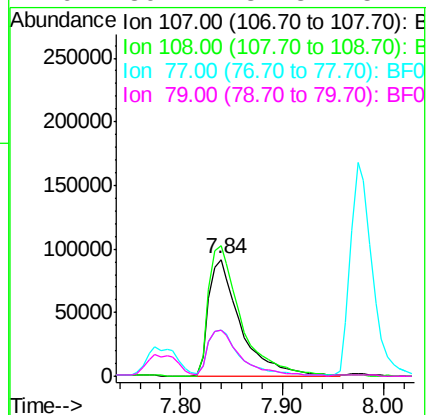
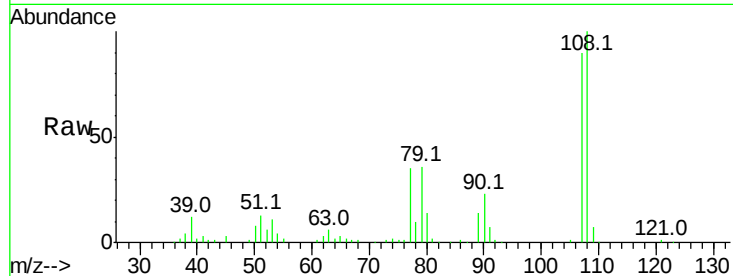
#17
2-Methylphenol
Concen: 40.50 ng
RT: 7.84 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	93.4	140.0	
77	39.4	35.8	53.6	
79	39.7	34.8	52.2	

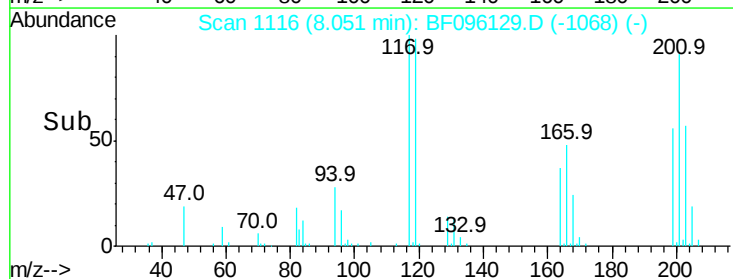
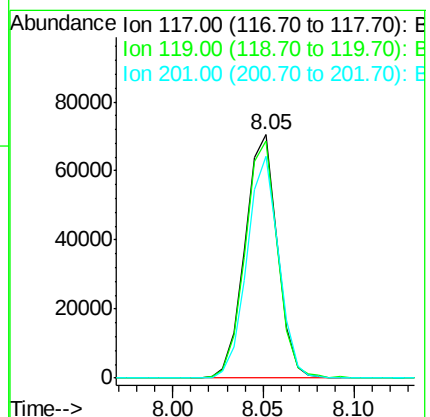
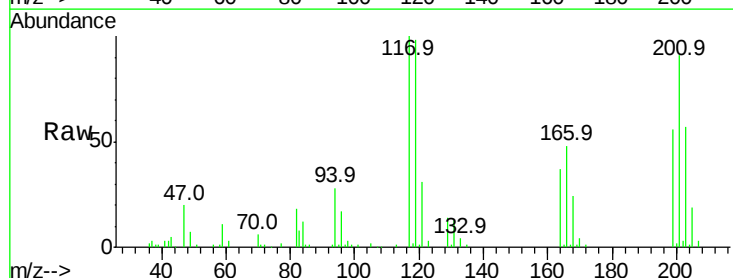
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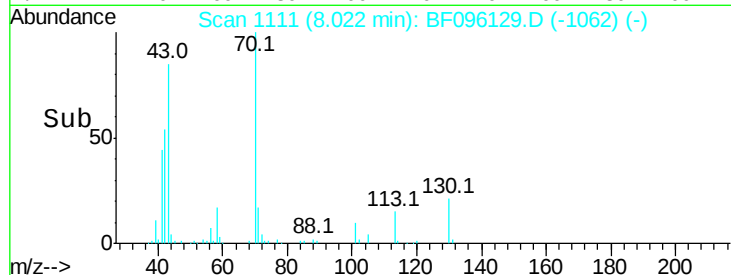
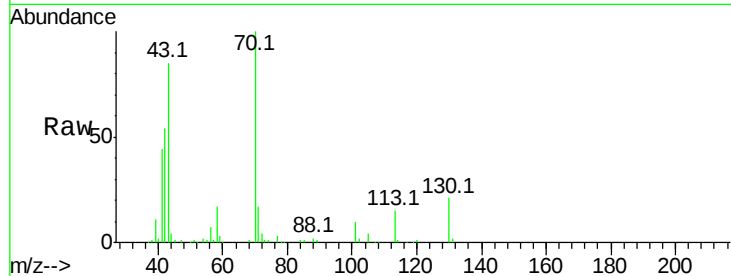
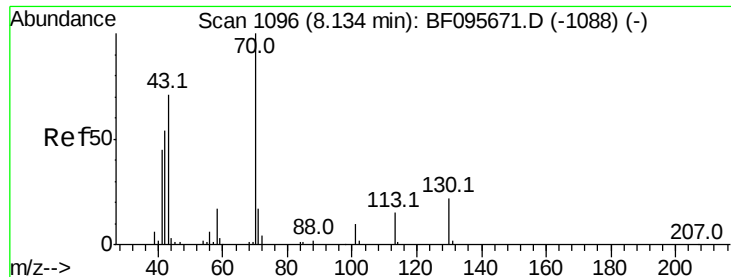
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#18
Hexachloroethane
Concen: 38.74 ng
RT: 8.05 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	77.4	116.0	
201	91.2	94.6	141.8#	





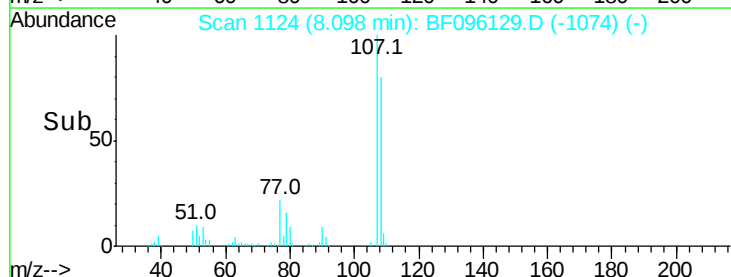
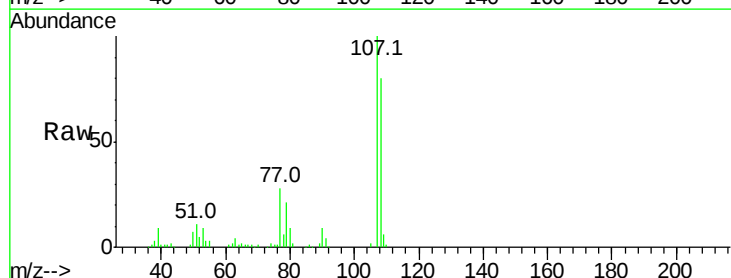
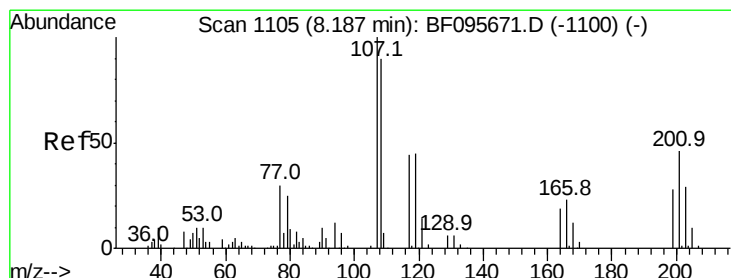
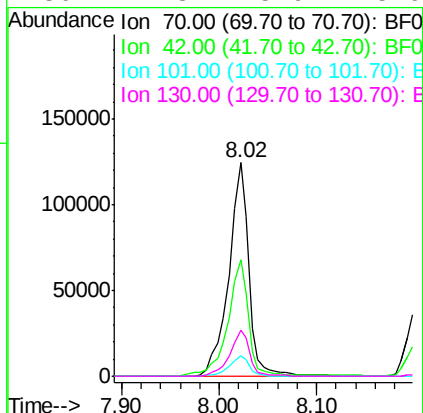
#19
n-Nitroso-di-n-propylamine
Concen: 42.05 ng
RT: 8.02 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	47.2	70.8	
101	9.9	7.2	10.8	
130	21.3	15.9	23.9	

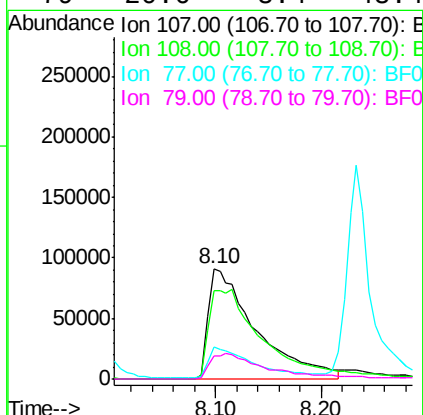
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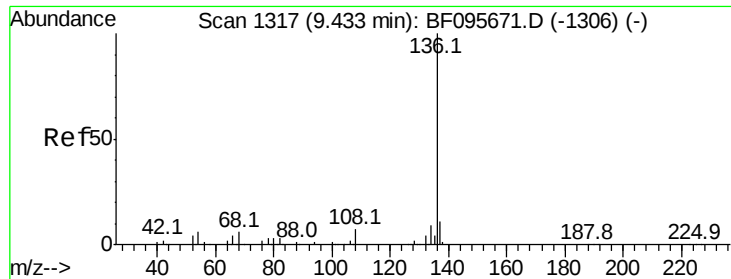
mohammad
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#20
3+4-Methylphenols
Concen: 45.16 ng
RT: 8.10 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	80.5	71.0	111.0	
77	28.4	90.5	130.5#	
79	20.6	8.4	48.4	





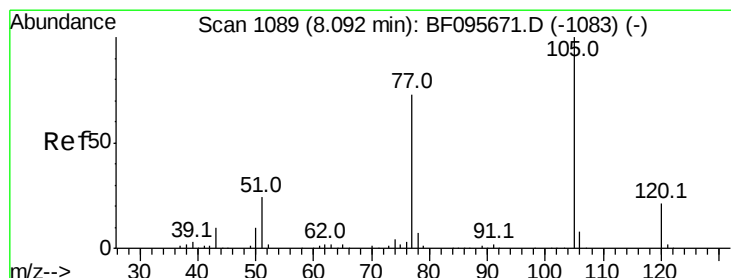
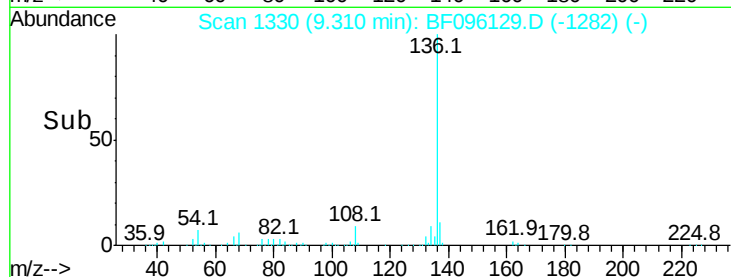
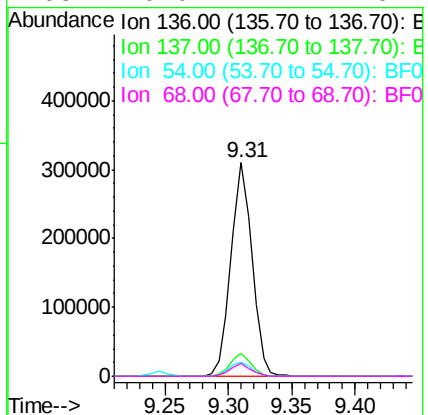
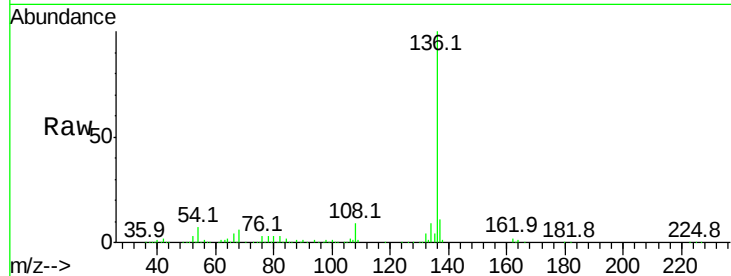
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.9	4.9	7.3	
68	6.0	4.1	6.1	

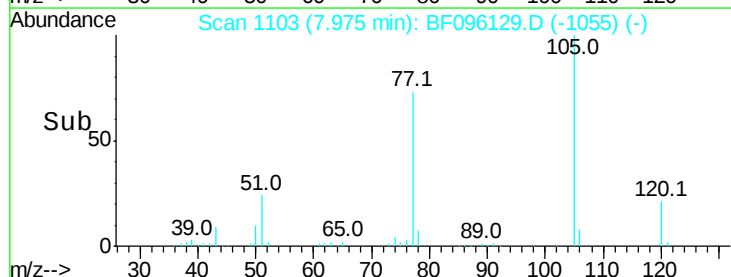
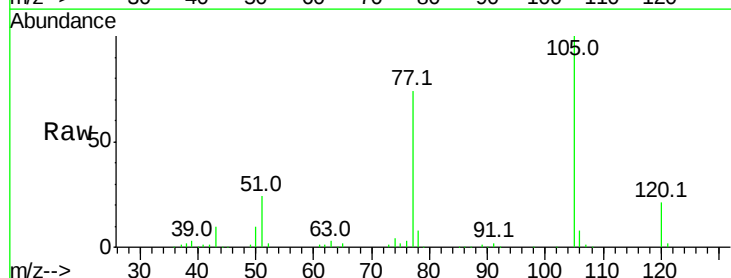
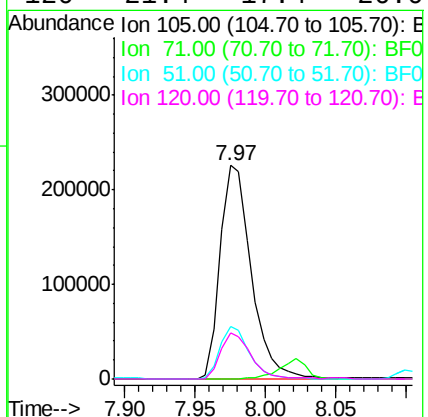
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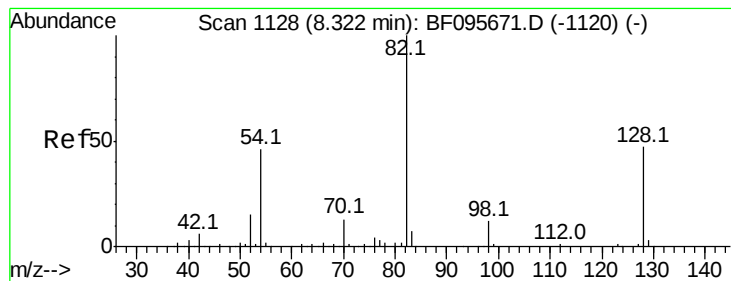
mohammad
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#22
Acetophenone
Concen: 41.67 ng
RT: 7.97 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	24.4	30.7	46.1#	
120	21.4	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 91.20 ng

RT: 8.20 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

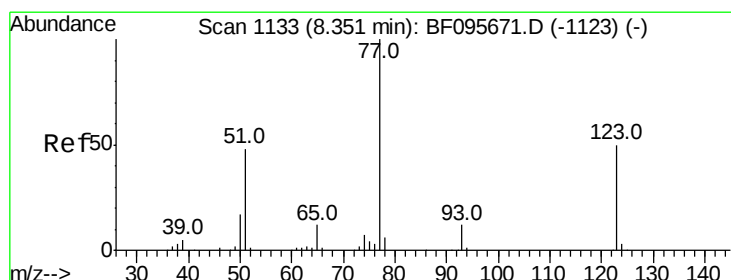
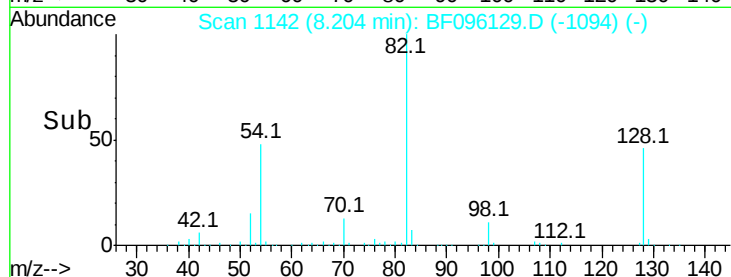
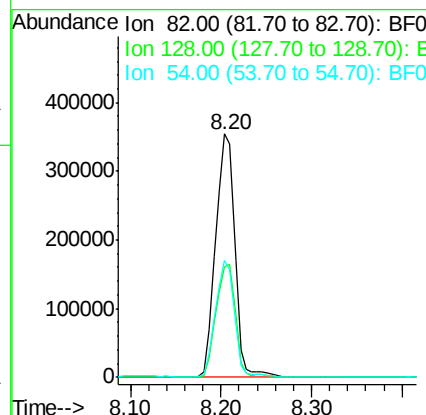
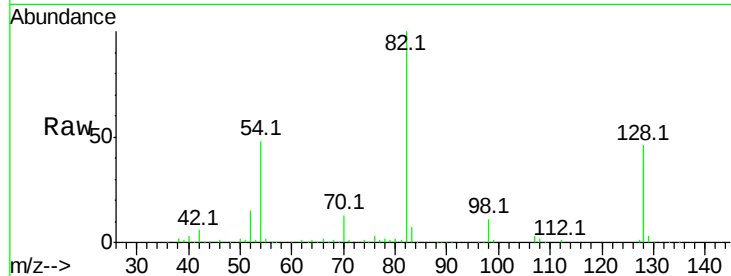
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	82	Resp:	523953
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	47.9	42.2	63.2

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#24

Nitrobenzene

Concen: 44.99 ng

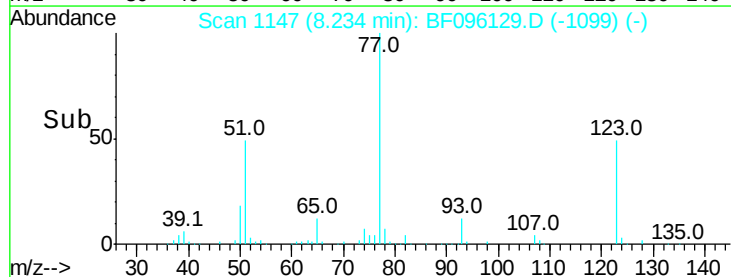
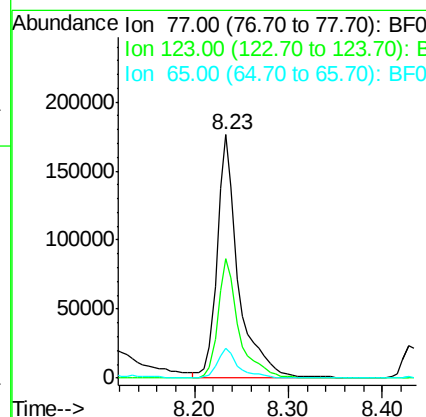
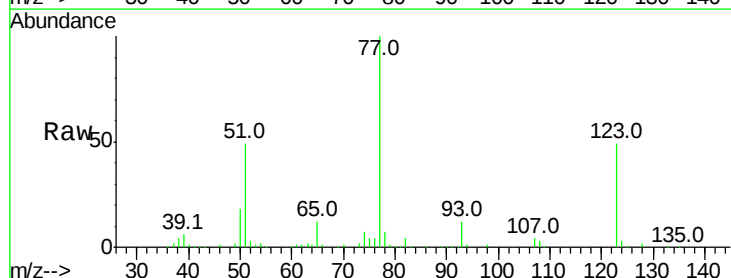
RT: 8.23 min Scan# 1147

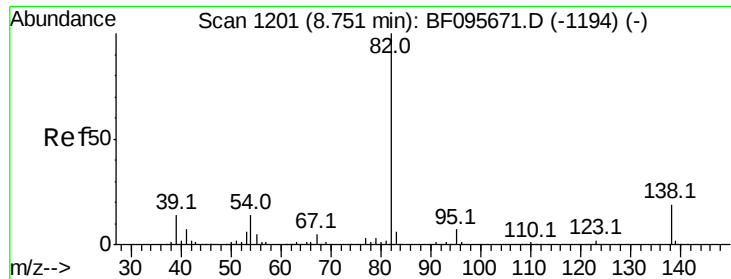
Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	77	Resp:	276122
Ion Ratio	Lower	Upper	
77	100		
123	48.8	35.8	53.8
65	12.3	10.6	15.8





#25

Isophorone

Concen: 40.91 ng

RT: 8.64 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

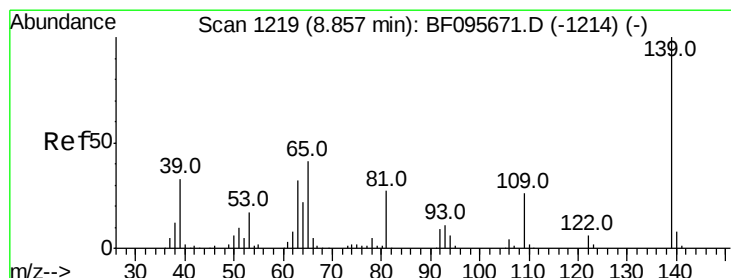
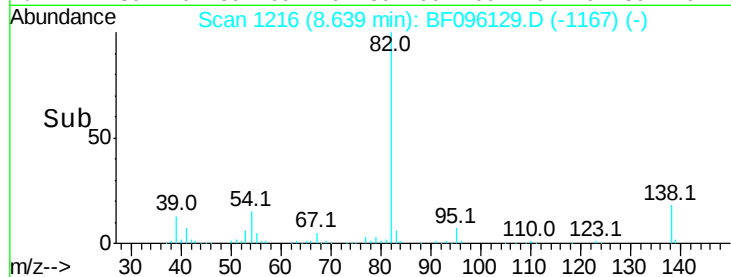
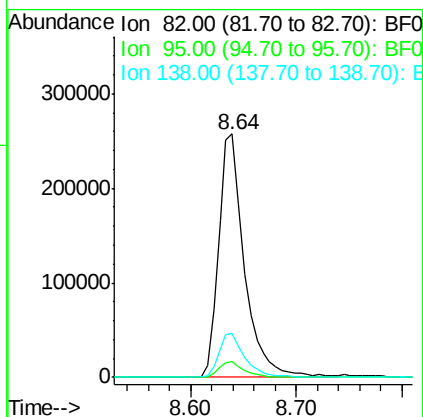
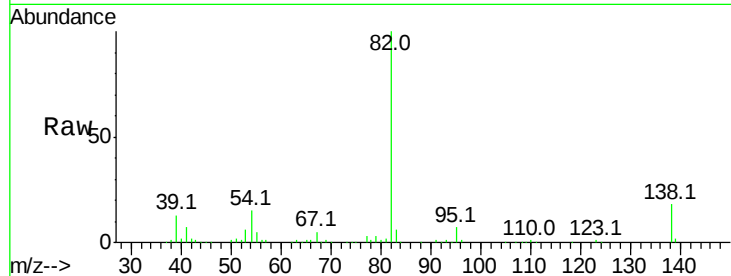
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	82	Resp:	438864
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	18.3	13.1	19.7

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#26

2-Nitrophenol

Concen: 38.03 ng

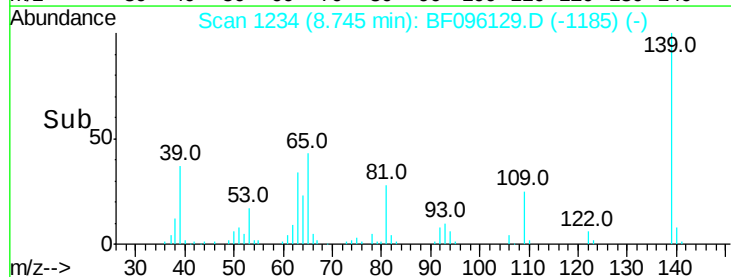
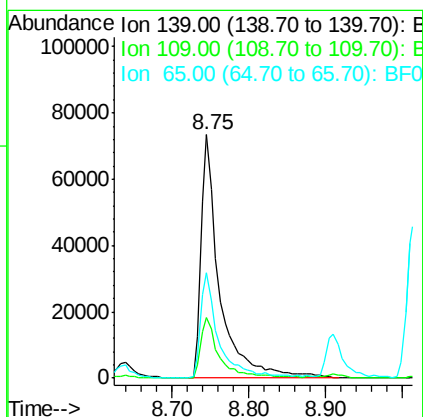
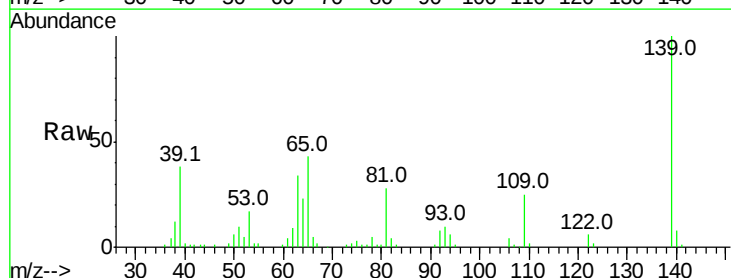
RT: 8.75 min Scan# 1234

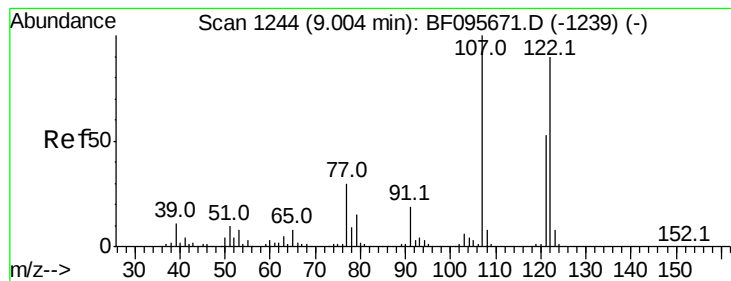
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	139	Resp:	122207
Ion Ratio	Lower	Upper	
139	100		
109	25.0	21.0	31.6
65	43.2	33.0	49.6





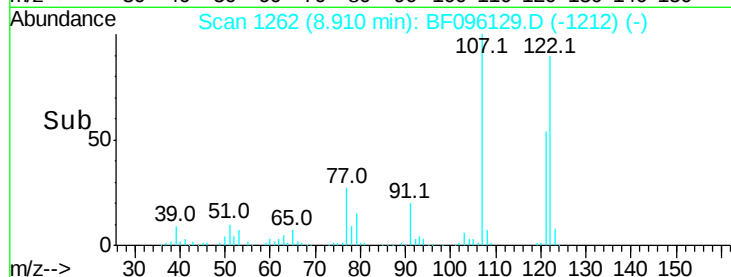
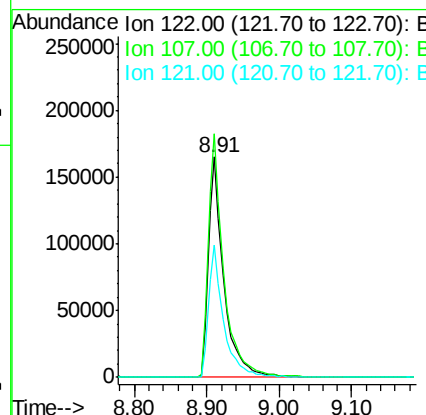
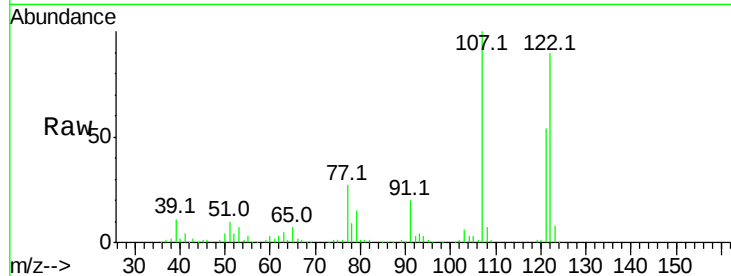
#27
2,4-Dimethylphenol
Concen: 48.70 ng
RT: 8.91 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	242891		
107	110.6	89.2	133.8	
121	60.0	45.2	67.8	

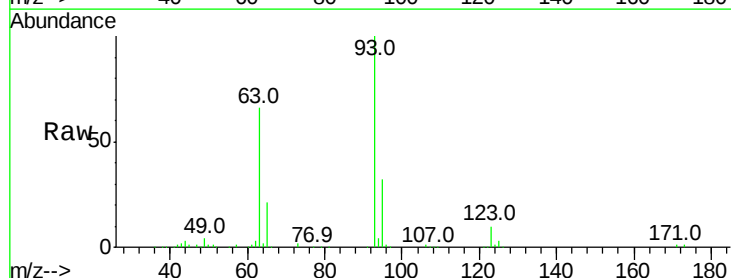
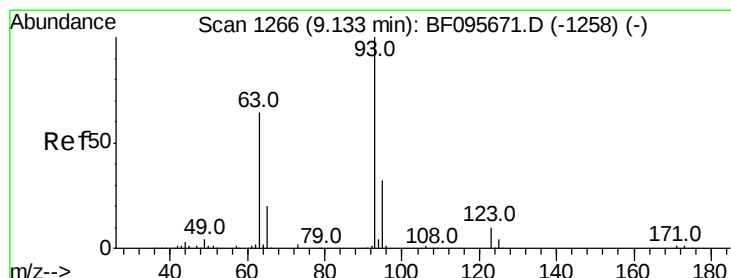
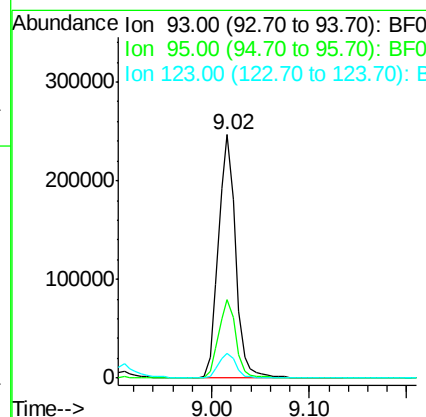
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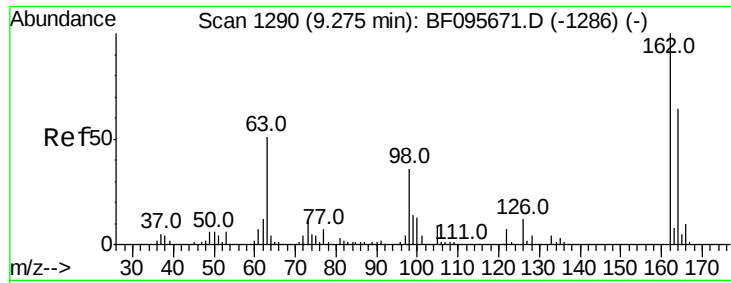
mohammad
6/26/2017 8:28:00 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.99 ng
RT: 9.02 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	304009		
95	32.3	26.5	39.7	
123	10.2	9.0	13.4	





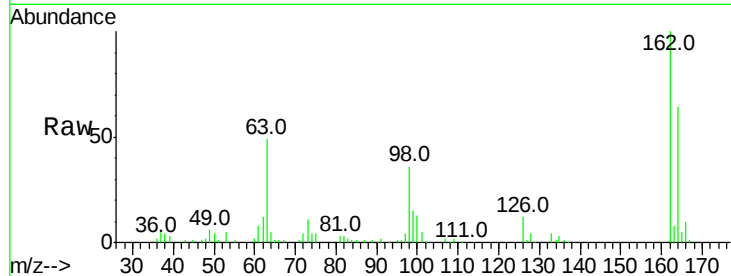
#29
 2,4-Dichlorophenol
 Concen: 45.42 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MSD

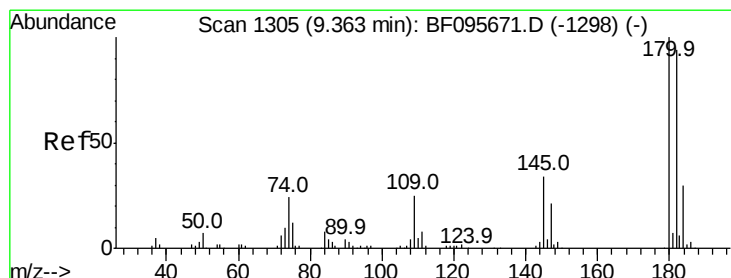
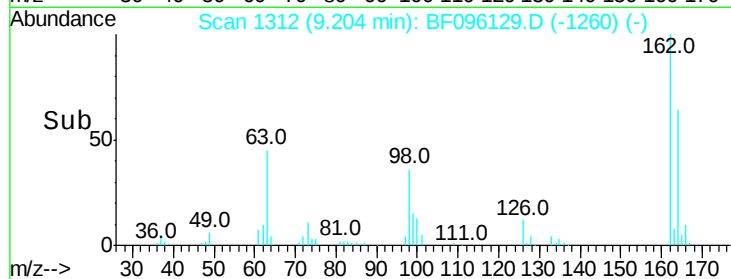
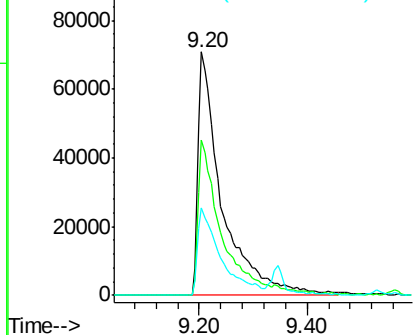
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.6	84.6
98	36.0	14.8	54.8

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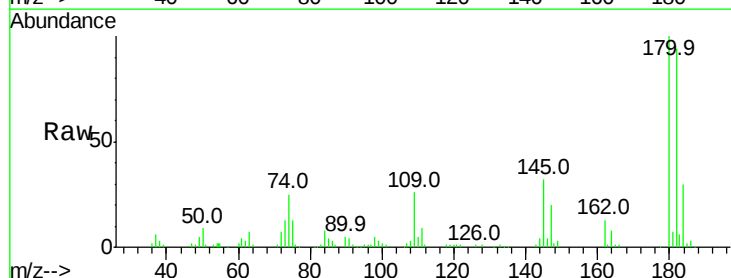


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

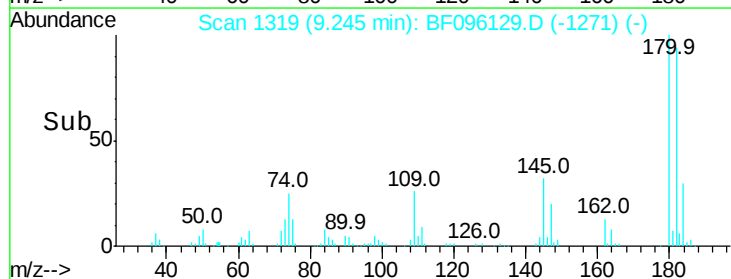
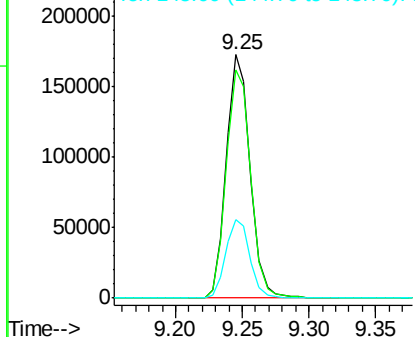


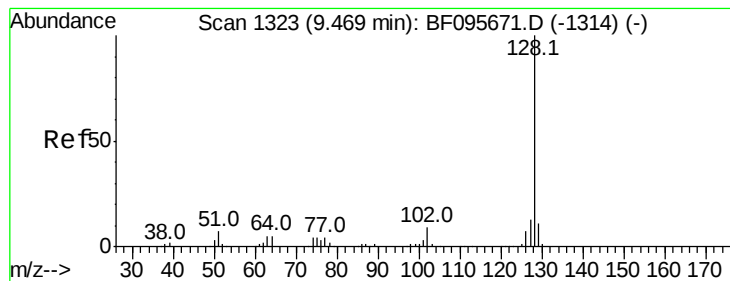
#30
 1,2,4-Trichlorobenzene
 Concen: 43.55 ng
 RT: 9.25 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	75.8	113.6
145	32.2	25.3	37.9



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





#31

Naphthalene

Concen: 42.77 ng

RT: 9.35 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

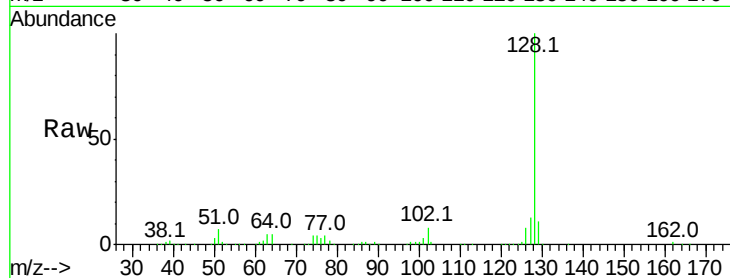
ClientSampleId :

GHD-SB-020304-0-11MSD

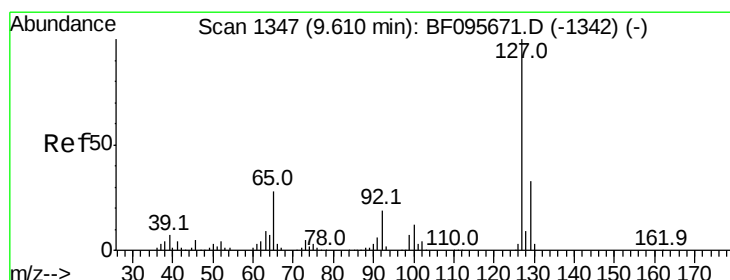
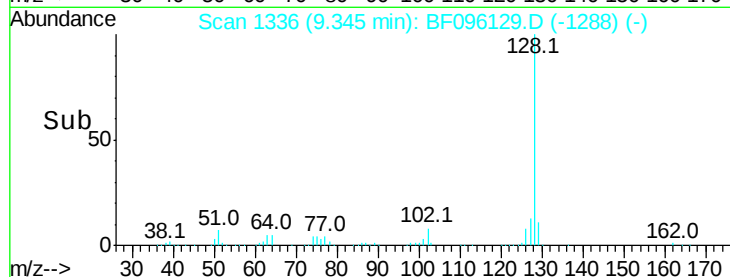
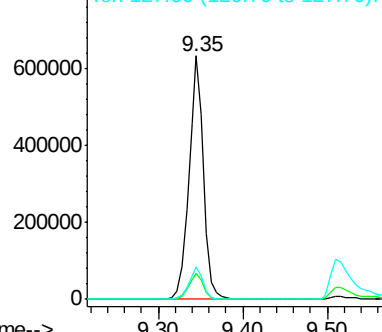
Tot Ion:128	Resp:	765983
Ion Ratio	Lower	Upper
128 100		
129 10.7	9.0	13.6
127 13.1	10.8	16.2

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



#33

4-Chloroaniline

Concen: 32.87 ng

RT: 9.51 min Scan# 1364

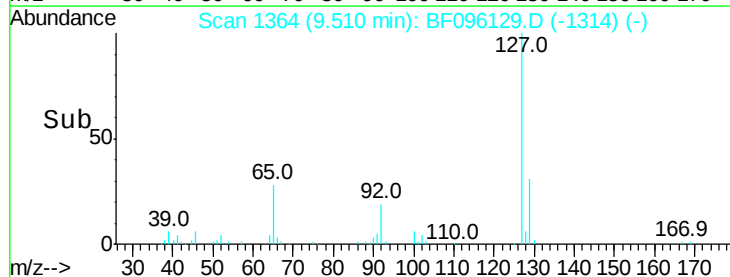
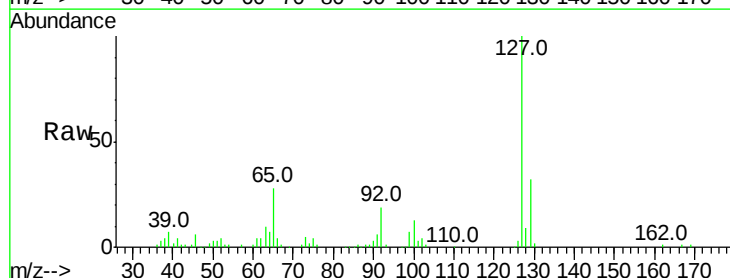
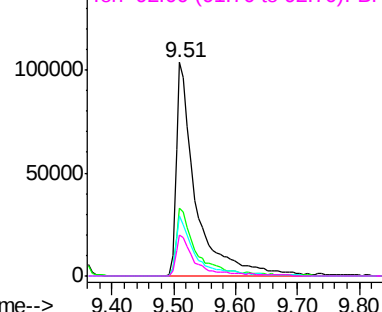
Delta R.T. -0.01 min

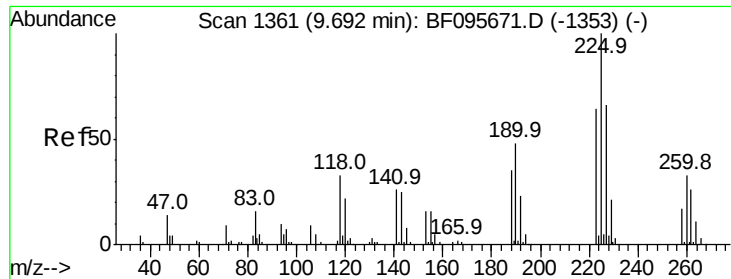
Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:127	Resp:	230064
Ion Ratio	Lower	Upper
127 100		
129 31.5	26.2	39.2
65 28.3	27.8	41.8
92 19.1	16.8	25.2

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





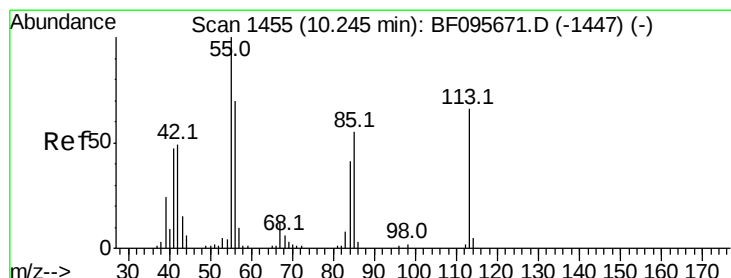
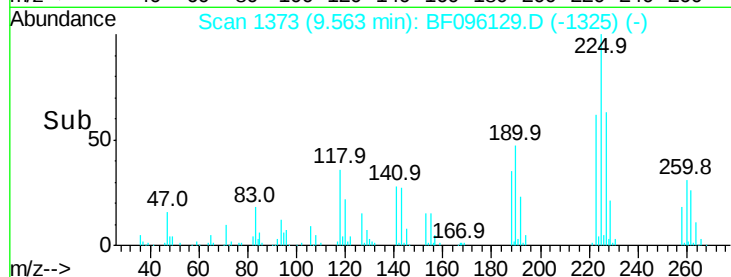
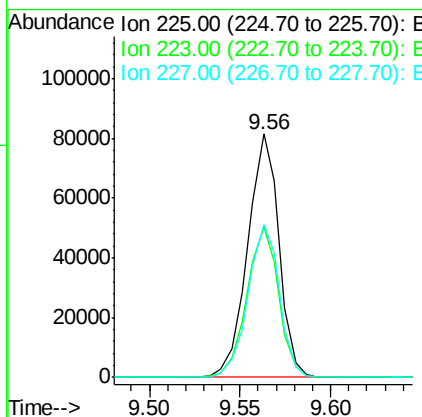
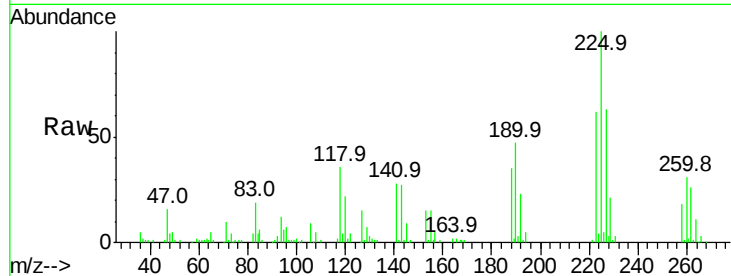
#34
Hexachlorobutadiene
Concen: 37.75 ng
RT: 9.56 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion:	225	Resp:	97499
Ion Ratio	Lower	Upper	
225	100		
223	61.6	48.8	73.2
227	62.9	51.1	76.7

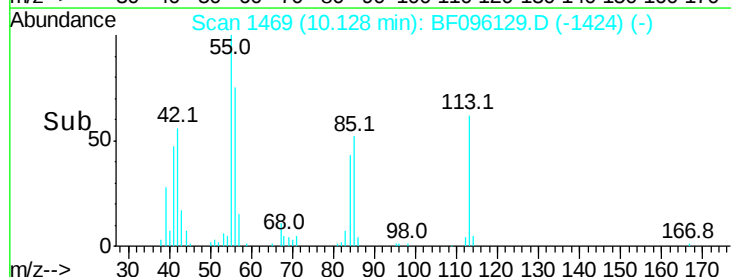
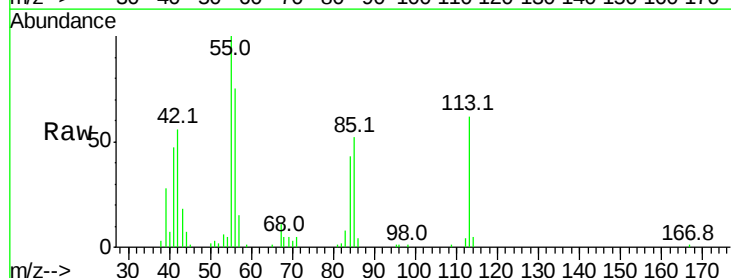
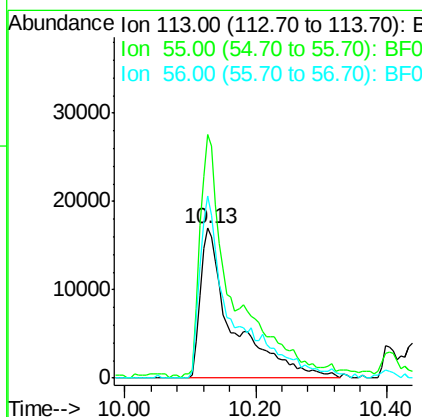
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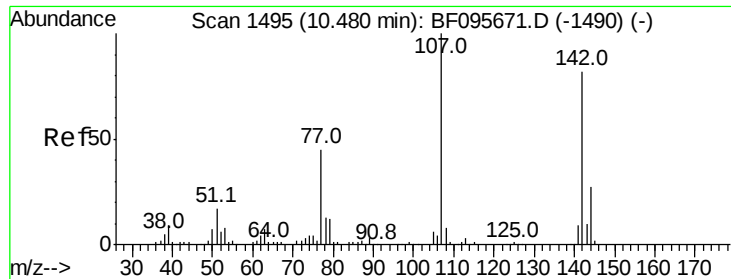
mohammad
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#35
Caprolactam
Concen: 40.84 ng m
RT: 10.13 min Scan# 1469
Delta R.T. -0.04 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion:	113	Resp:	58370
Ion Ratio	Lower	Upper	
113	100		
55	162.4	150.2	190.2
56	121.9	107.8	147.8





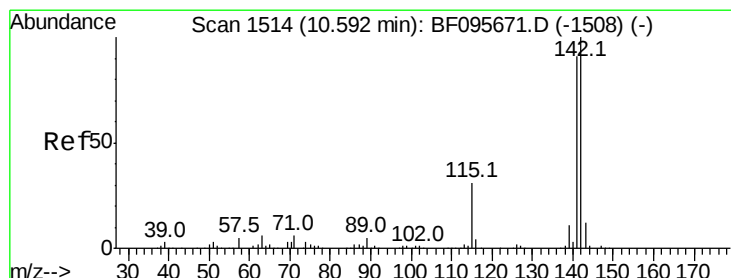
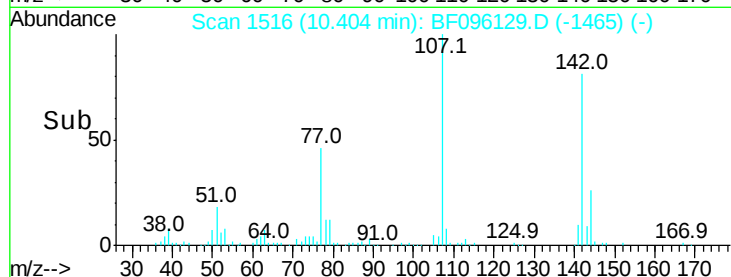
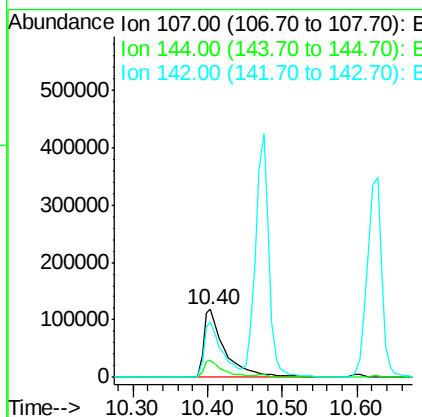
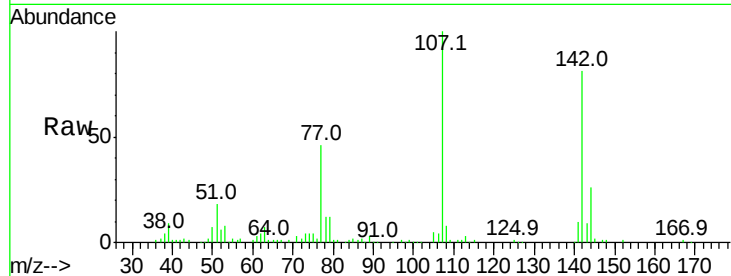
#36
 4-Chloro-3-methylphenol
 Concen: 46.41 ng
 RT: 10.40 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.8	24.2	36.4
142	80.9	73.4	110.0

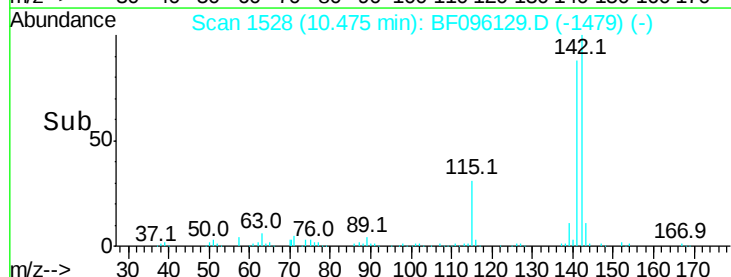
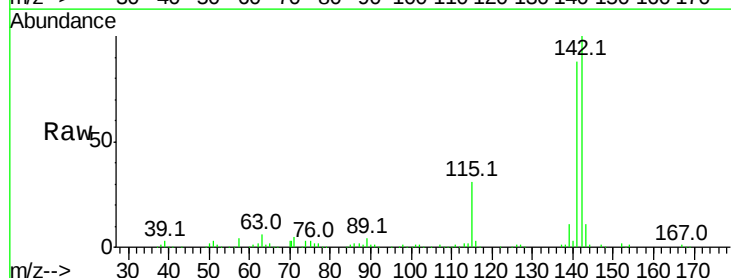
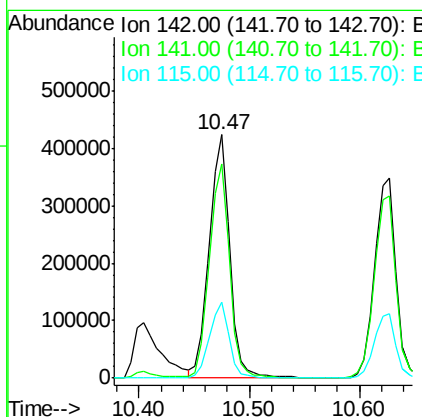
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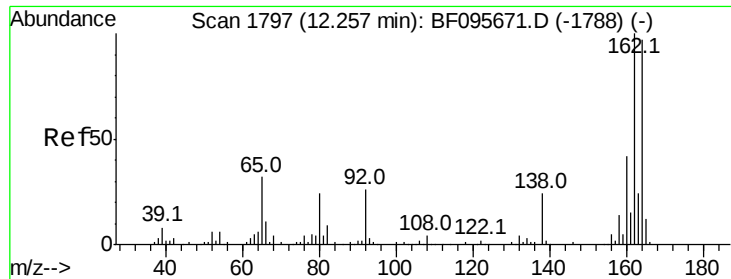
mohammad
 6/26/2017 8:28:00 AM



#37
 2-Methylnaphthalene
 Concen: 44.54 ng
 RT: 10.47 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	31.3	27.1	40.7





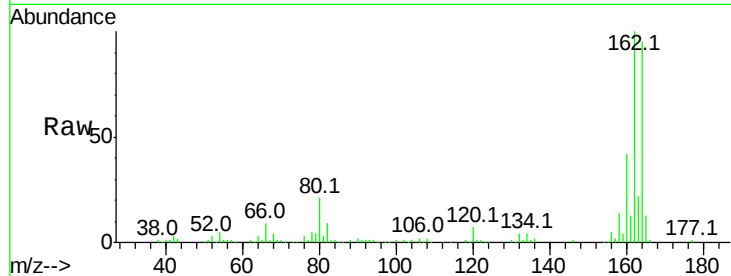
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	156683		
162	105.8	82.6	123.8	
160	44.2	36.2	54.2	

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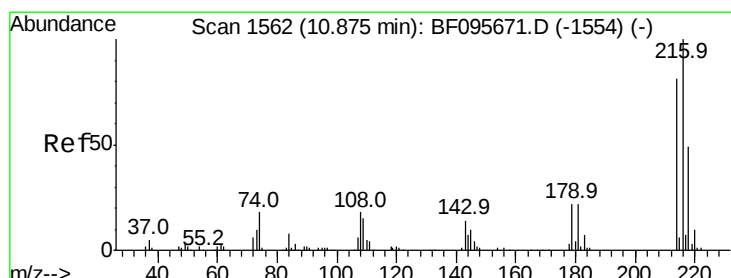
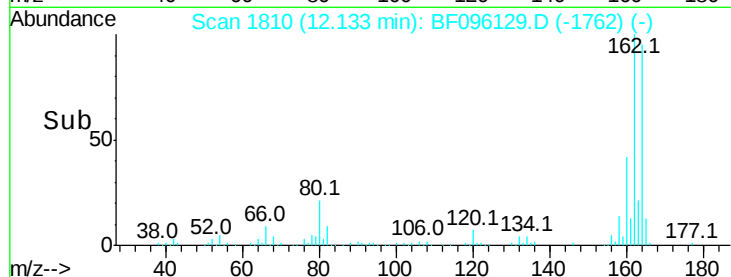
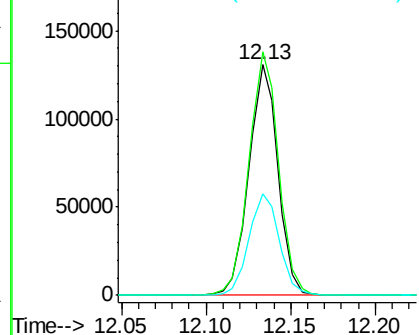


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.85 ng
RT: 10.76 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	196258		
214	79.2	63.4	95.2	
179	21.7	17.9	26.9	
108	18.6	16.5	24.7	

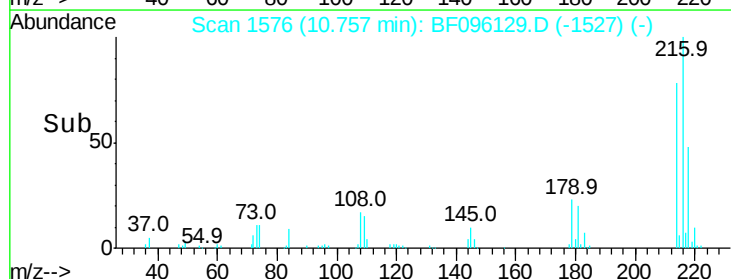
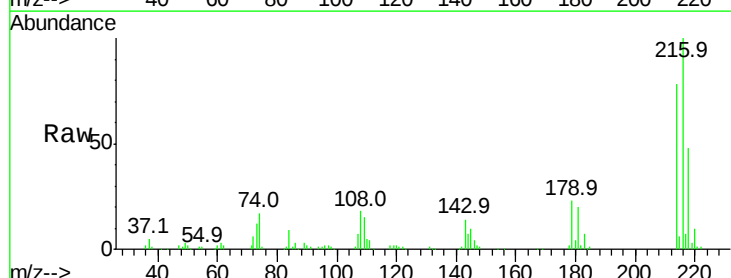
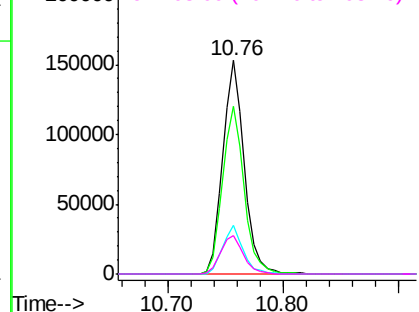
Abundance

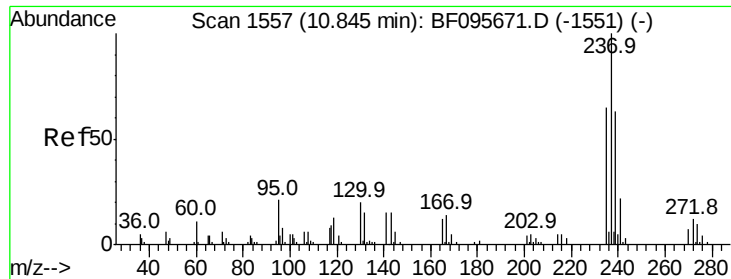
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





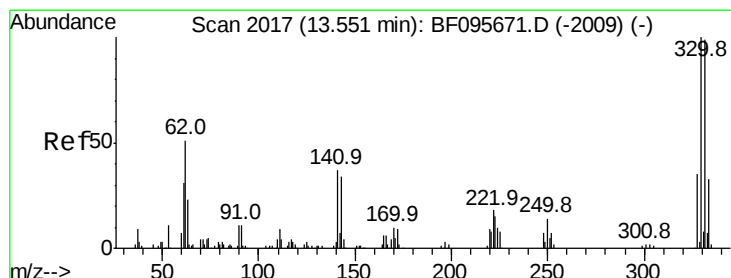
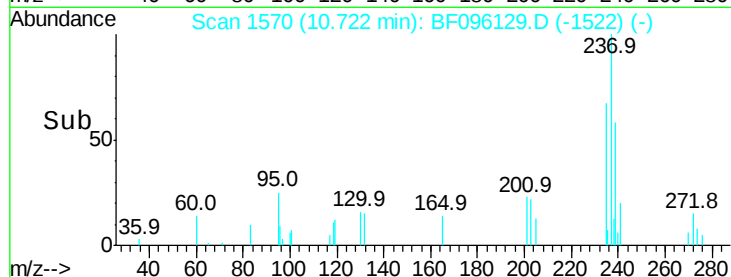
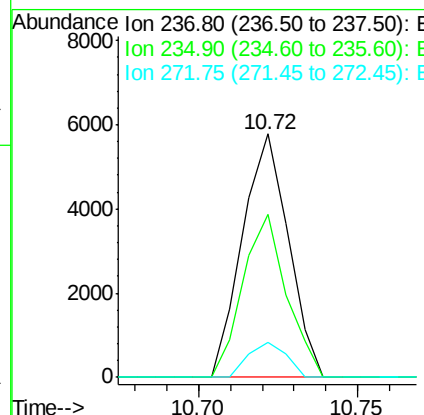
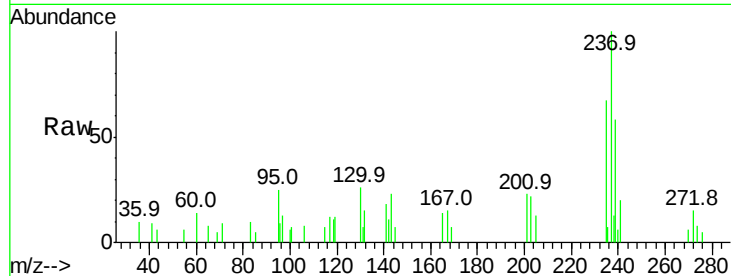
#40
Hexachlorocyclopentadiene
Concen: 14.64 ng
RT: 10.72 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	74.1	42.6	82.6	
272	14.5	0.0	31.9	

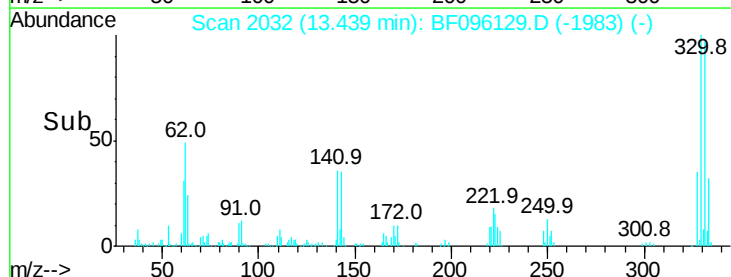
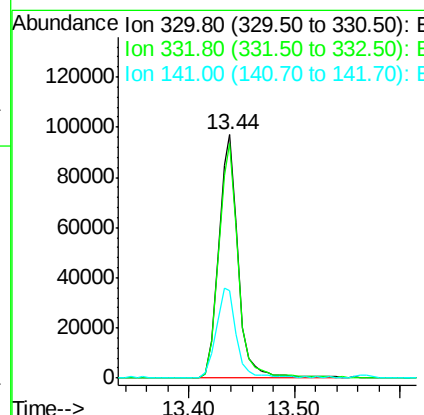
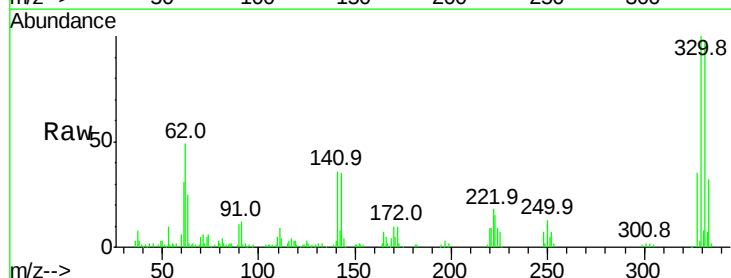
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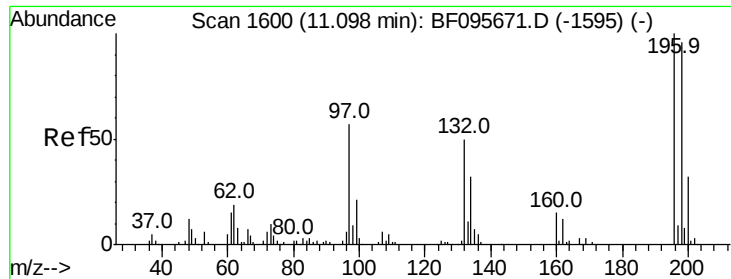
mohammad
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#41
2,4,6-Tribromophenol
Concen: 90.49 ng
RT: 13.44 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.6	115.0	
141	39.2	31.4	47.2	





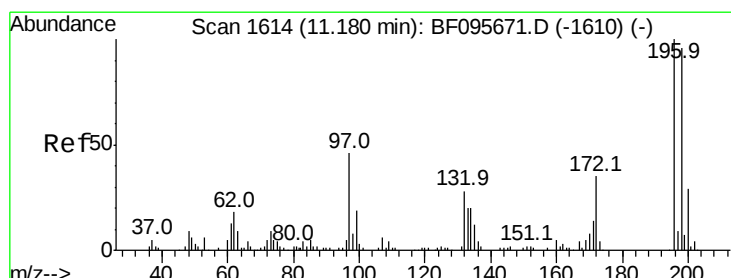
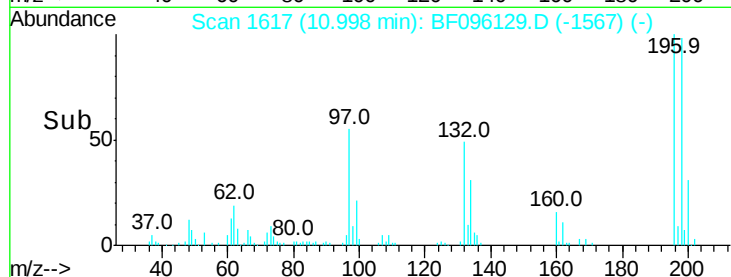
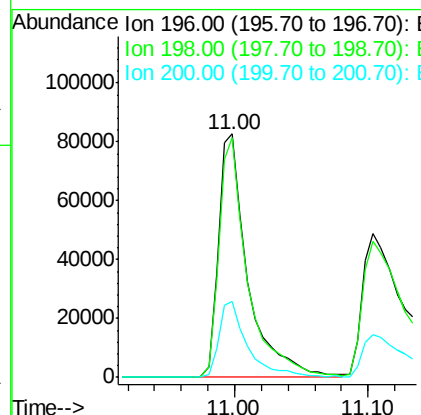
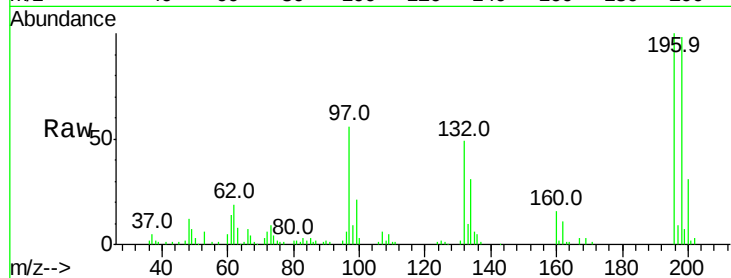
#42
 2,4,6-Trichlorophenol
 Concen: 42.41 ng
 RT: 11.00 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	127866		
198	98.3	74.2	111.4	
200	31.0	24.0	36.0	

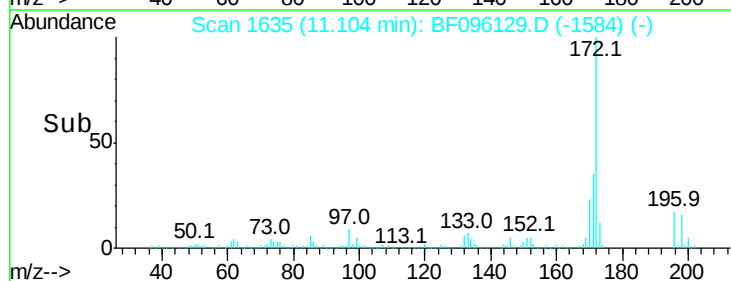
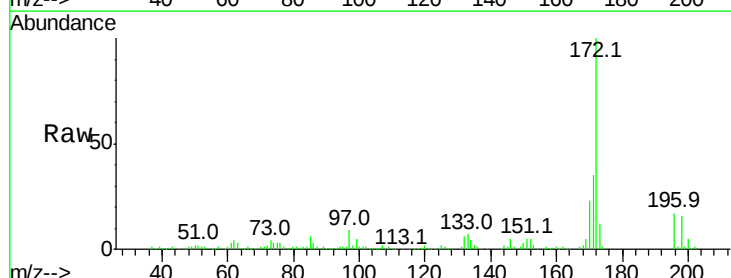
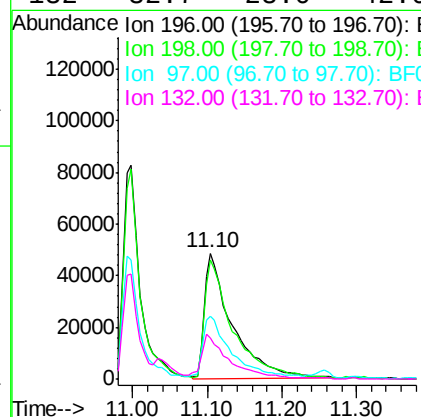
Manual Integrations
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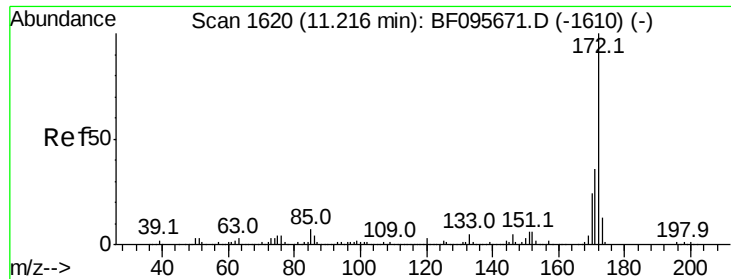
mohammad
 6/26/2017 8:28:00 AM



#43
 2,4,5-Trichlorophenol
 Concen: 39.30 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126020		
198	94.6	75.7	113.5	
97	49.9	47.7	71.5	
132	32.7	28.0	42.0	





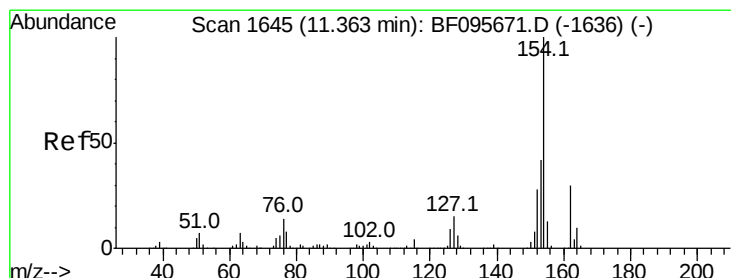
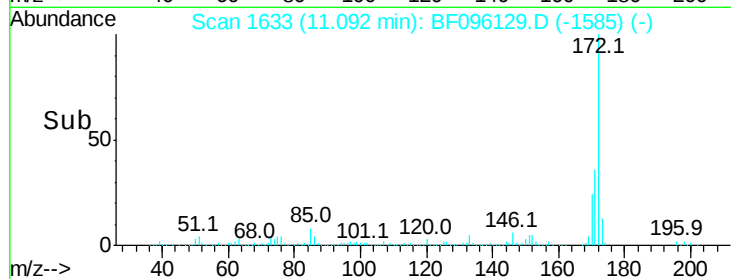
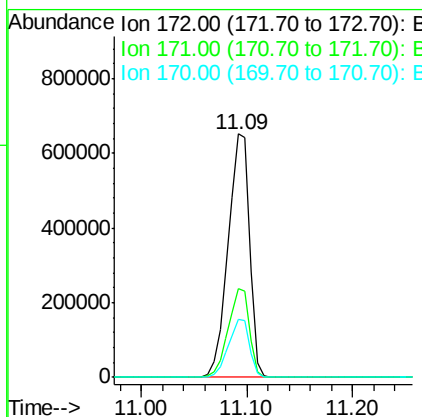
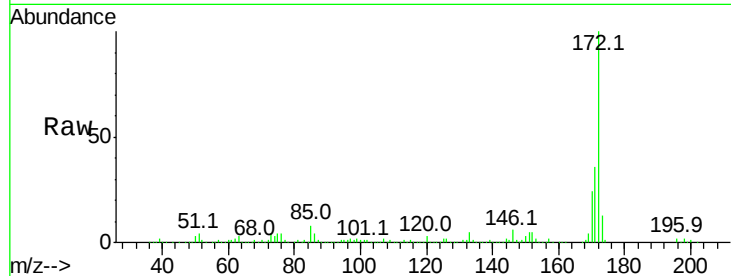
#44
2-Fluorobiphenyl
Concen: 80.71 ng
RT: 11.09 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.6	44.4	
170	24.1	19.8	29.8	

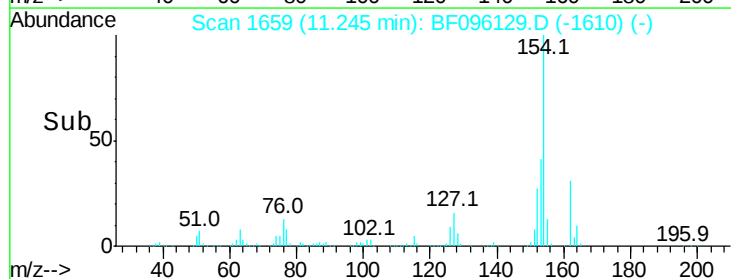
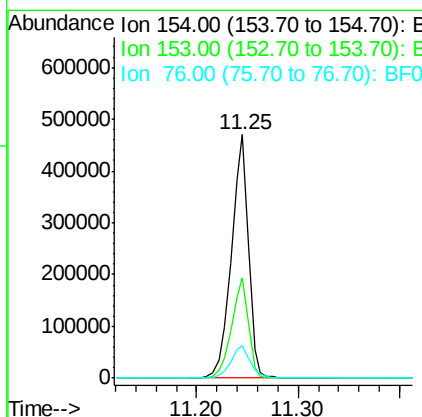
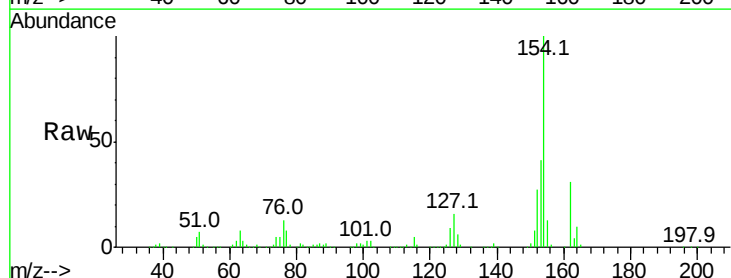
Manual Integrations
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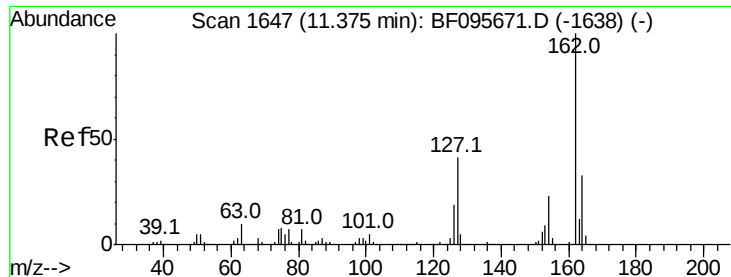
mohammad
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#45
1,1'-Biphenyl
Concen: 42.42 ng
RT: 11.25 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	21.2	61.2	
76	13.4	0.0	29.9	





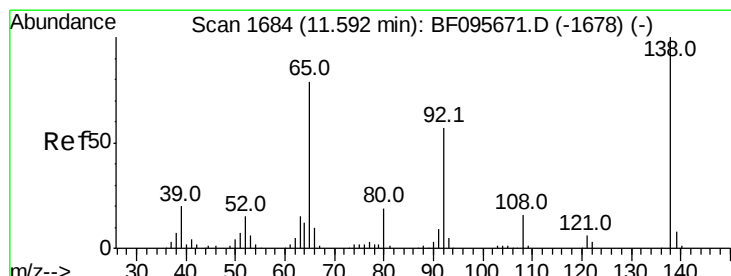
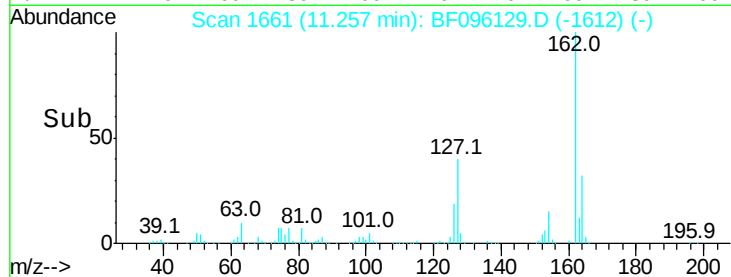
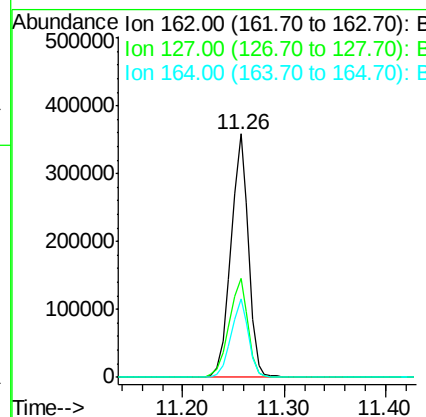
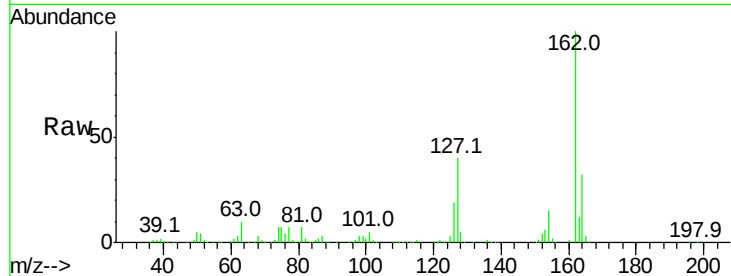
#46
2-Chloronaphthalene
Concen: 42.55 ng
RT: 11.26 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	28.3	42.5	
164	32.5	27.0	40.4	

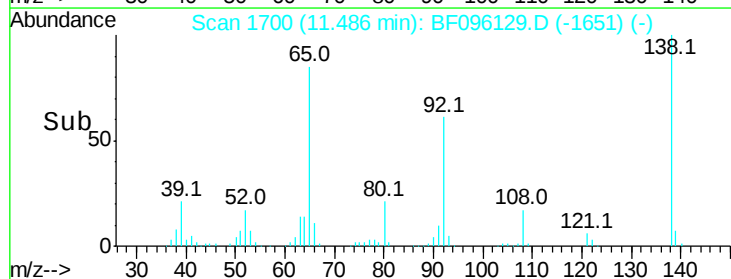
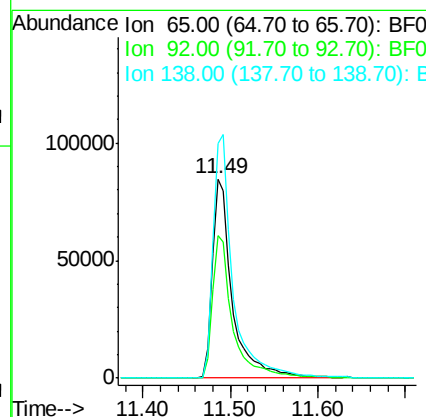
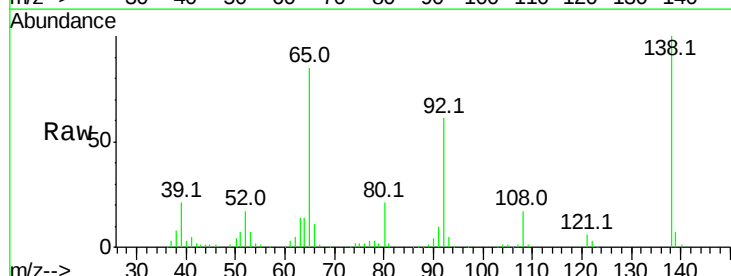
Manual Integrations
APPROVED

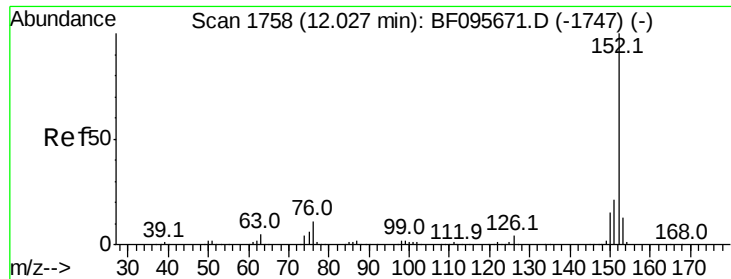
mohammad
6/26/2017 8:28:00 AM



#47
2-Nitroaniline
Concen: 45.76 ng
RT: 11.49 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.5	53.9	80.9	
138	117.5	78.8	118.2	





#48

Acenaphthylene

Concen: 38.69 ng

RT: 11.90 min Scan# 1771

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

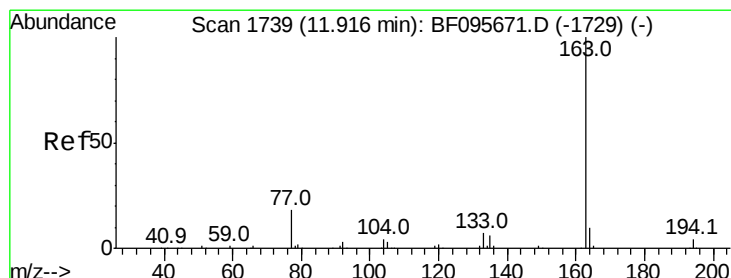
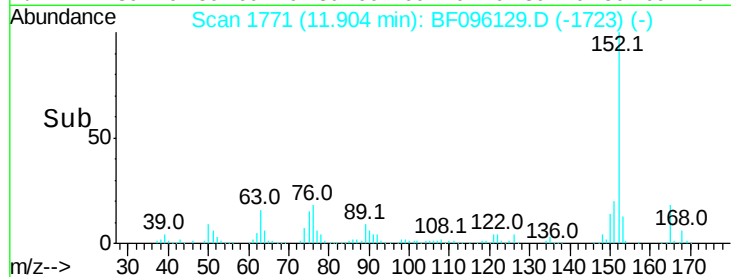
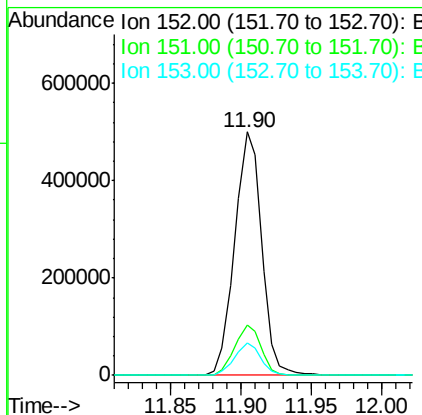
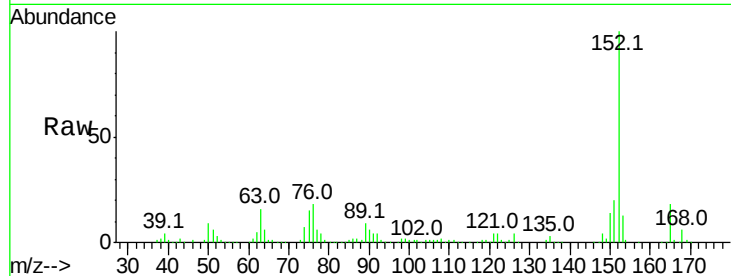
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.2	10.8	16.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 61.58 ng

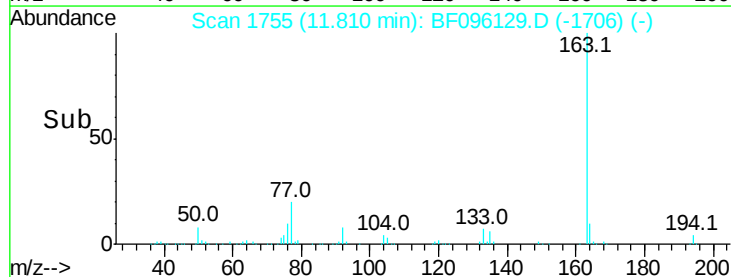
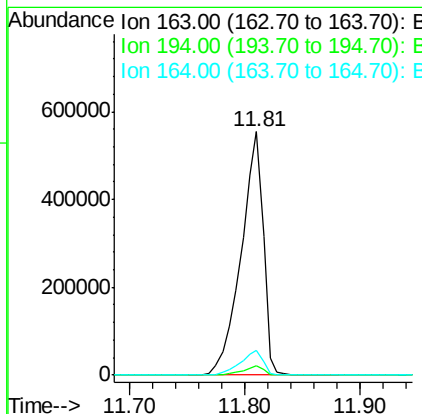
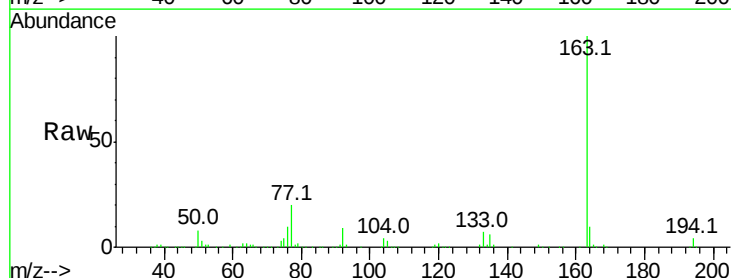
RT: 11.81 min Scan# 1755

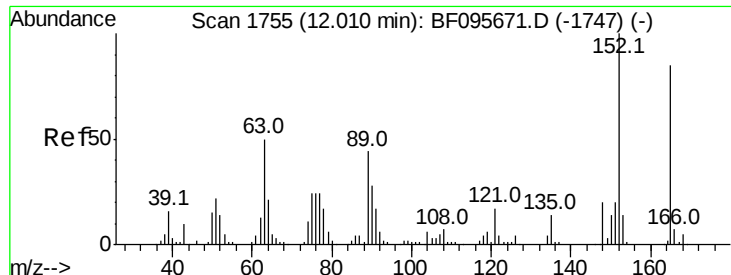
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6





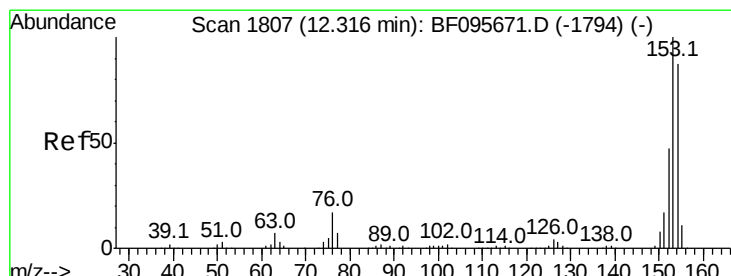
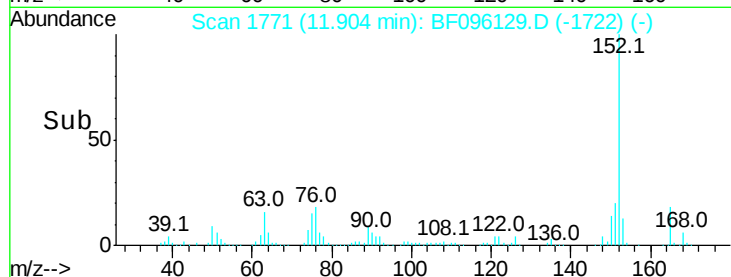
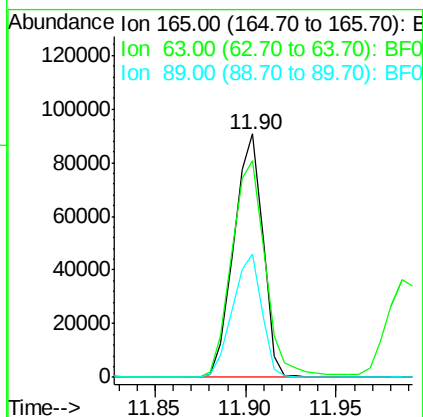
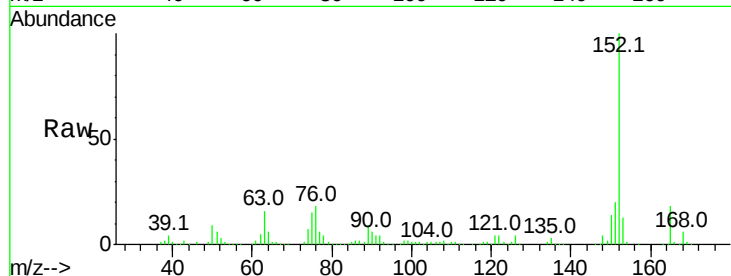
#50
2,6-Dinitrotoluene
Concen: 38.91 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	100958		
63	89.2	34.3	51.5#	
89	50.6	37.1	55.7	

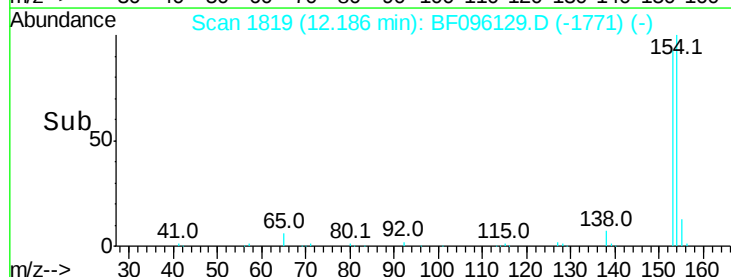
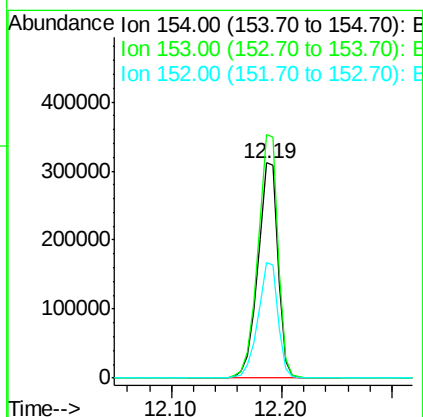
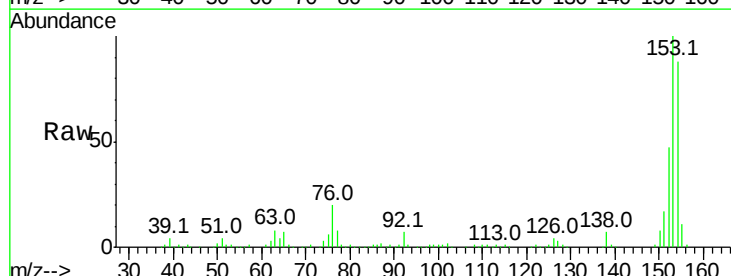
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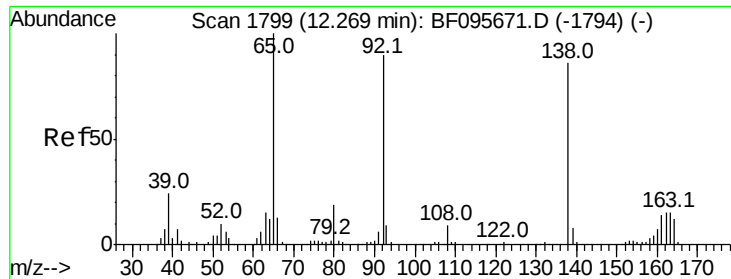
mohammad
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#51
Acenaphthene
Concen: 40.25 ng
RT: 12.19 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	401046		
153	113.1	90.5	135.7	
152	53.6	43.6	65.4	





#52

3-Nitroaniline

Concen: 39.51 ng

RT: 12.17 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

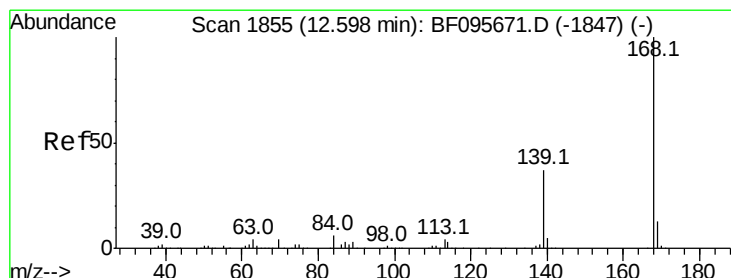
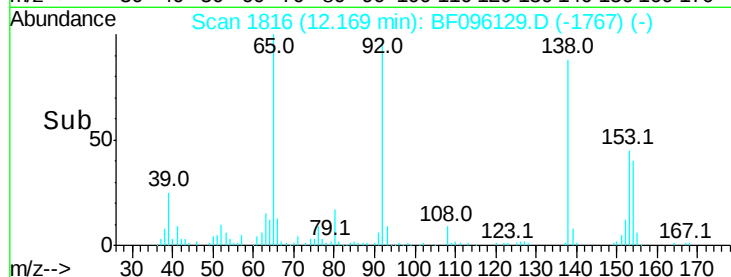
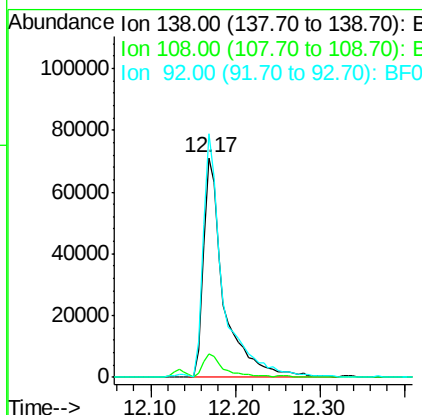
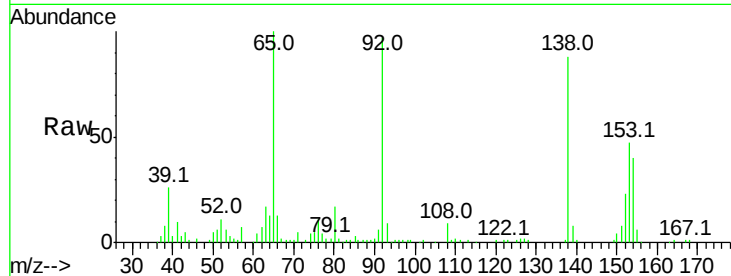
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	138	Resp:	119451
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.1	13.7
92	110.8	93.8	140.6

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#54

Dibenzofuran

Concen: 37.24 ng

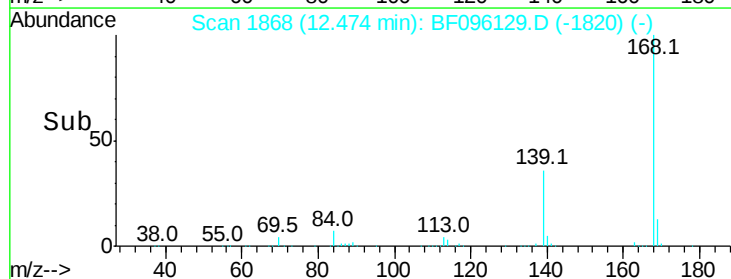
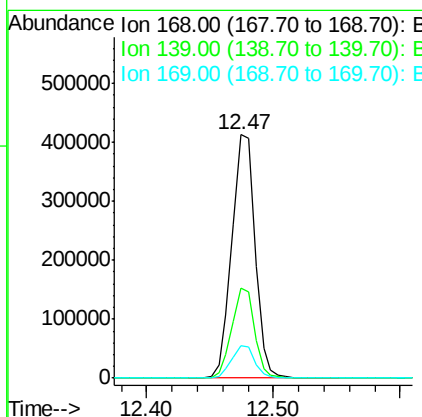
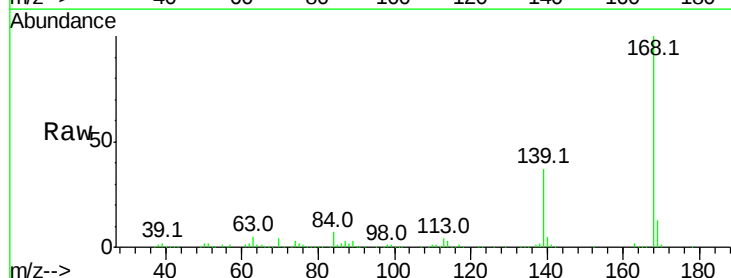
RT: 12.47 min Scan# 1868

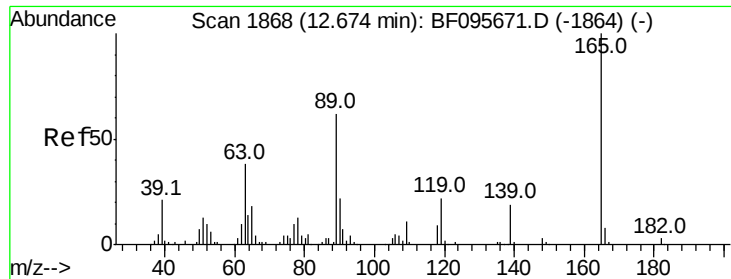
Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	168	Resp:	522282
Ion Ratio	Lower	Upper	
168	100		
139	37.0	30.6	45.8
169	13.2	10.8	16.2





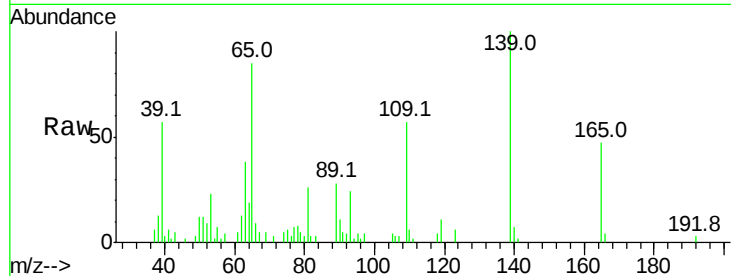
#55
4-Nitrophenol
Concen: 47.89 ng
RT: 12.62 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.2	34.1	74.1	
65	85.4	31.4	71.4	

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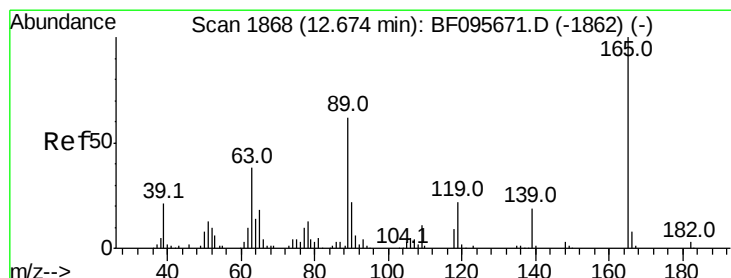
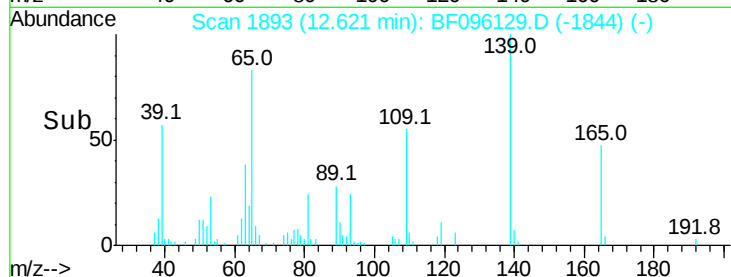
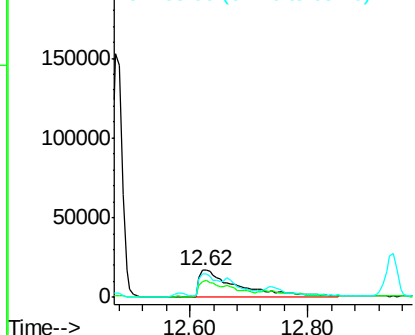


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56
2,4-Dinitrotoluene
Concen: 34.87 ng
RT: 12.58 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.3	25.4	38.0	
89	68.3	46.4	69.6	
182	2.2	1.8	2.6	

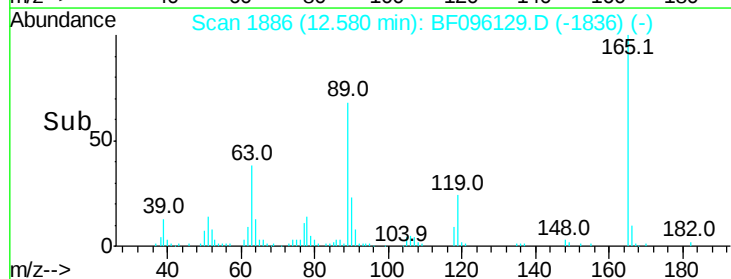
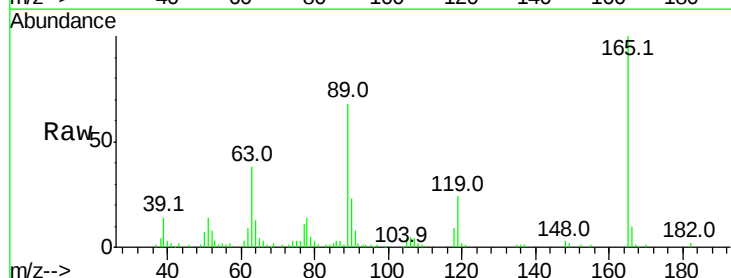
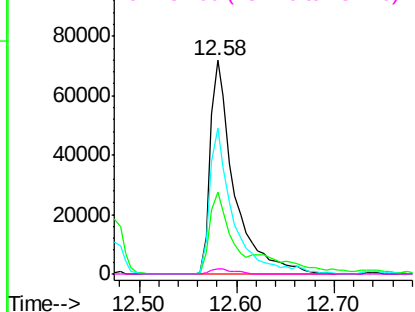
Abundance

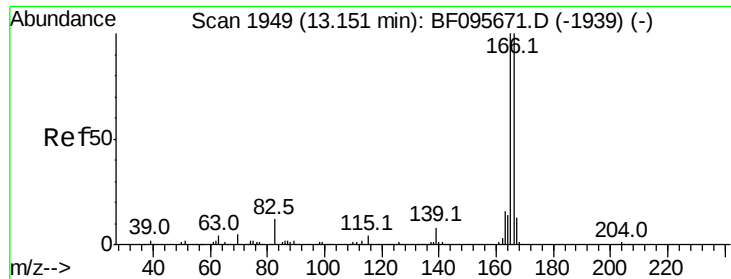
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.84 ng

RT: 13.03 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

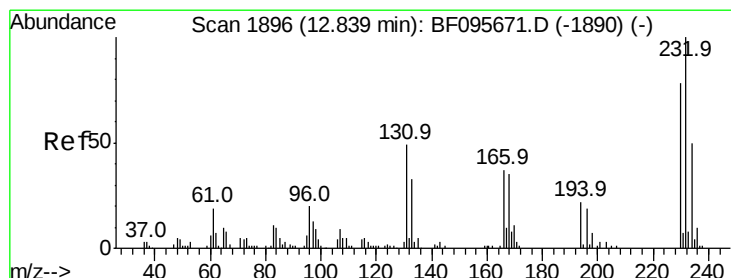
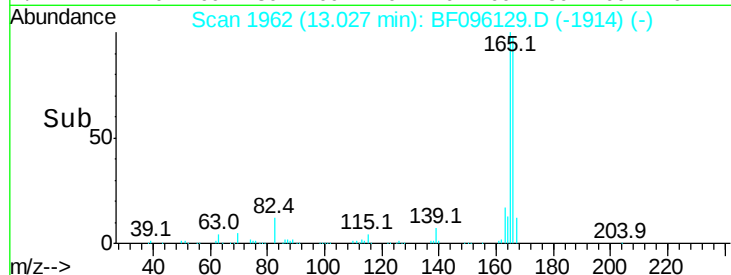
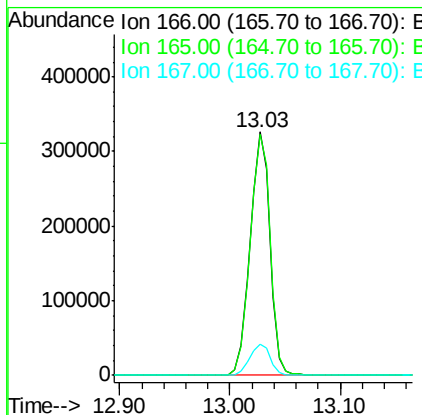
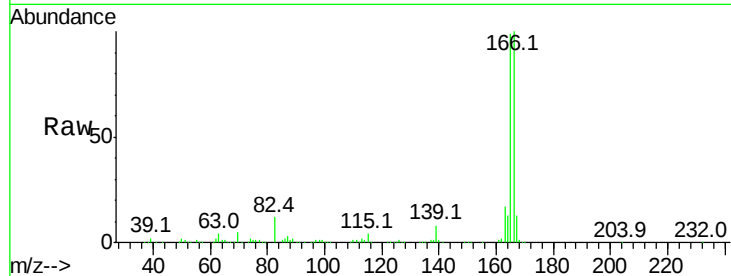
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	166	Resp:	413002
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.8	118.2
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 29.73 ng

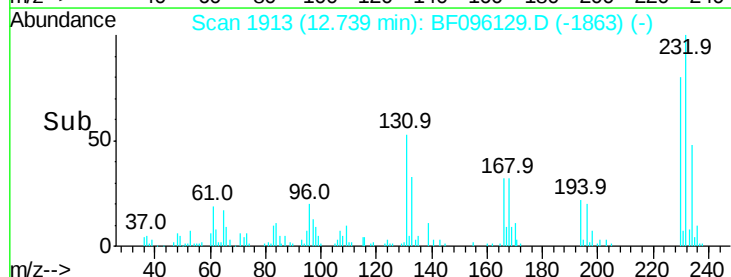
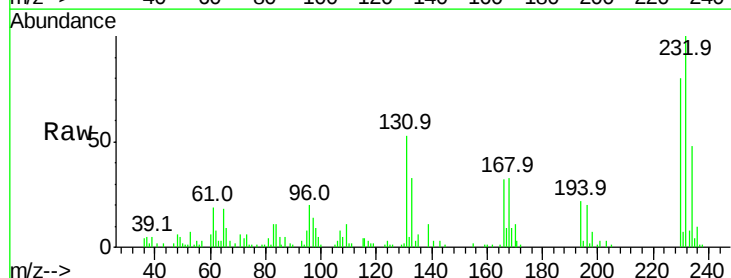
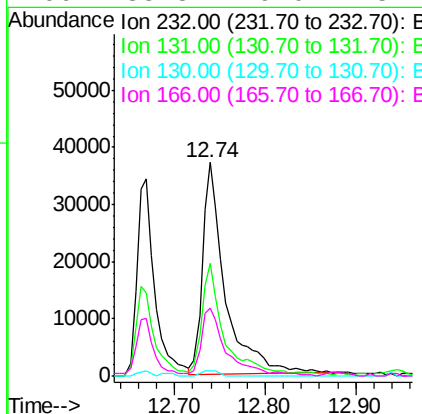
RT: 12.74 min Scan# 1913

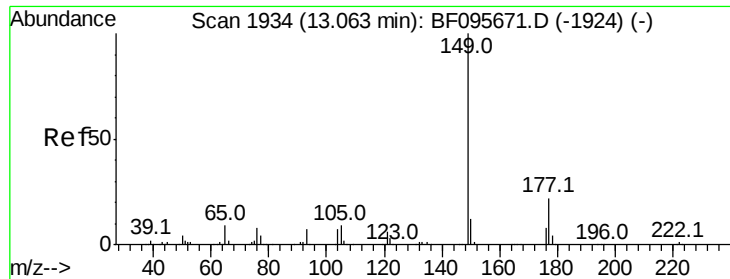
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	232	Resp:	65226
Ion Ratio	Lower	Upper	
232	100		
131	47.9	44.8	67.2
130	1.9	2.3	3.5#
166	35.8	29.0	43.4





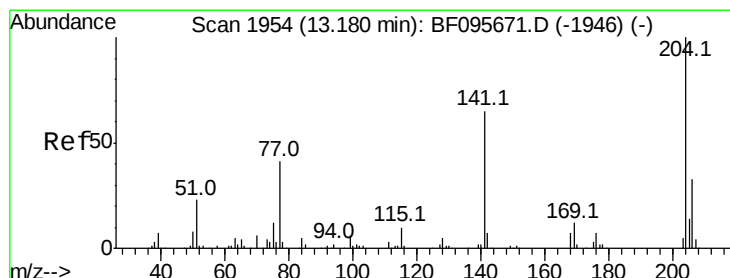
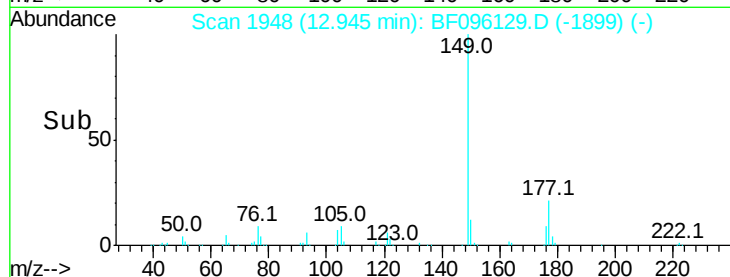
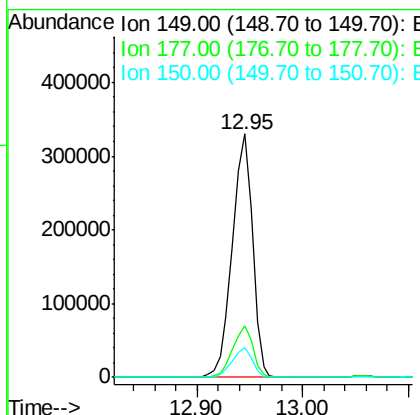
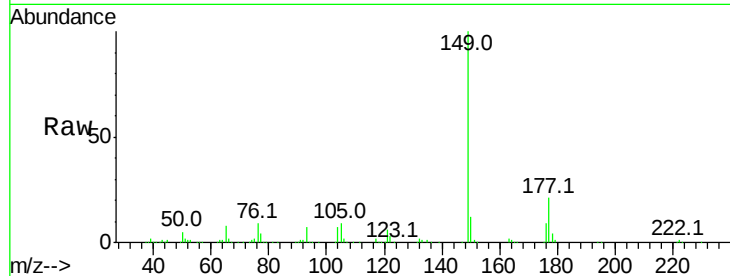
#59
Diethylphthalate
Concen: 38.03 ng
RT: 12.95 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.3	10.2	15.2

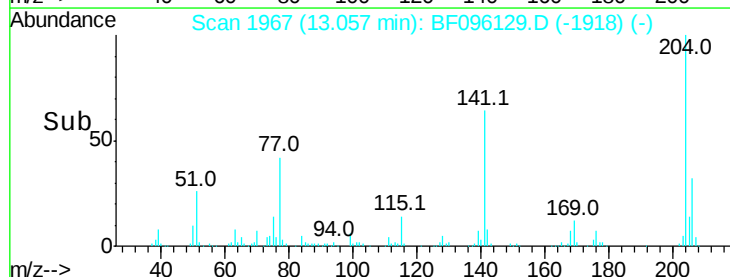
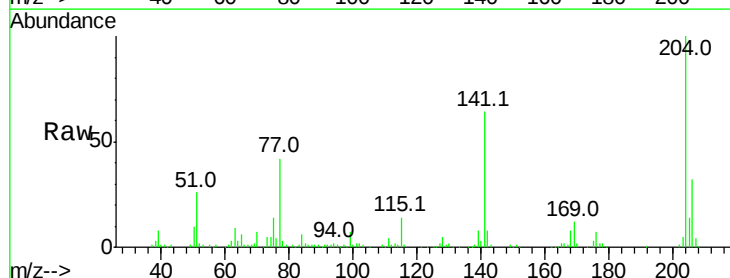
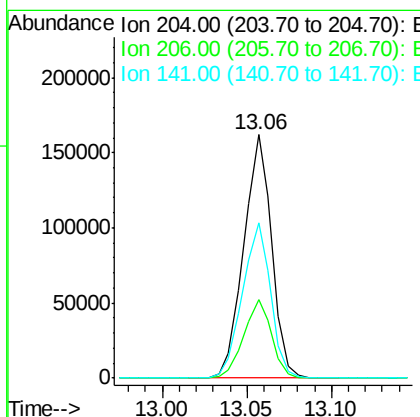
Manual Integrations
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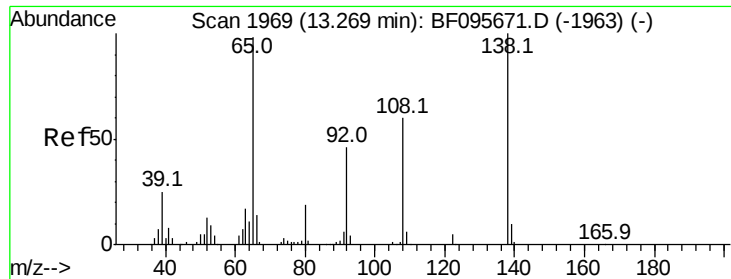
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 35.15 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	64.0	60.8	91.2





#61

4-Nitroaniline

Concen: 35.93 ng

RT: 13.17 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

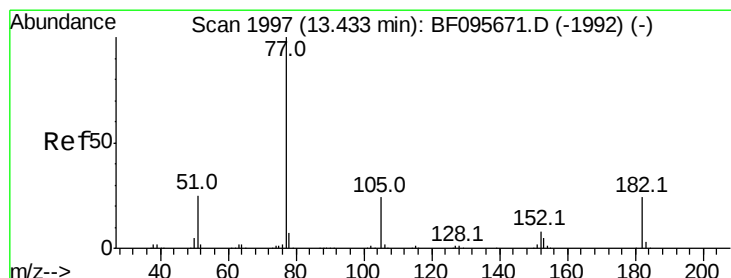
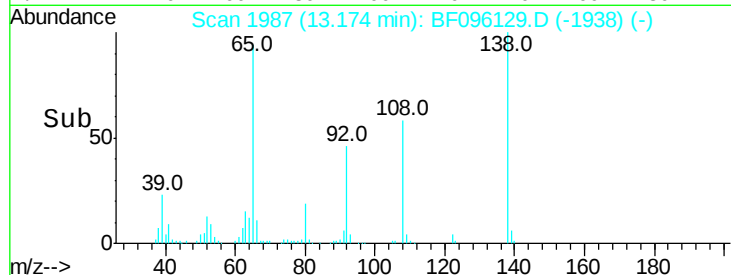
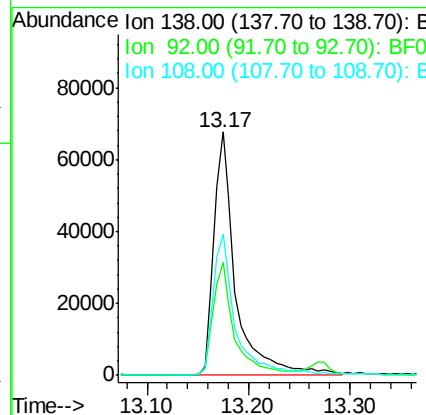
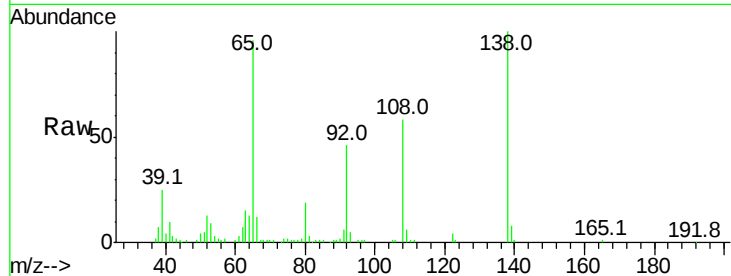
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	138	Resp:	101418
Ion Ratio	Lower	Upper	
138	100		
92	46.2	21.8	61.8
108	58.0	42.3	82.3

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#62

Azobenzene

Concen: 37.15 ng

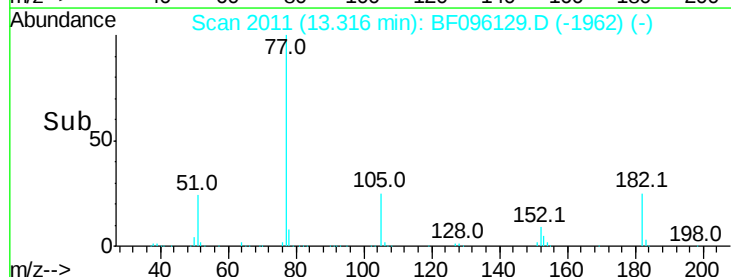
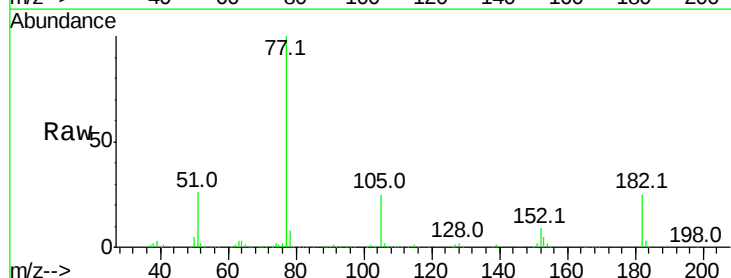
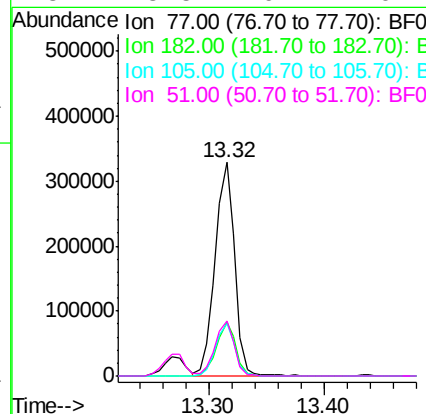
RT: 13.32 min Scan# 2011

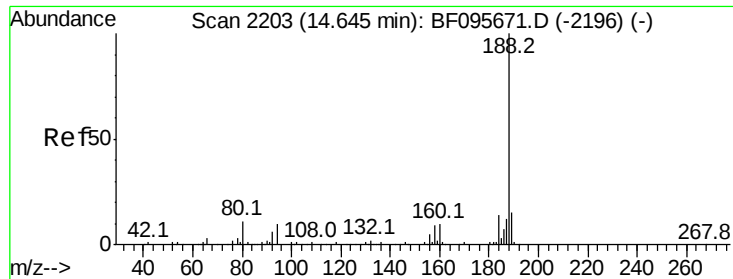
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	77	Resp:	385423
Ion Ratio	Lower	Upper	
77	100		
182	25.0	0.1	40.1
105	24.5	3.6	43.6
51	25.5	9.4	49.4





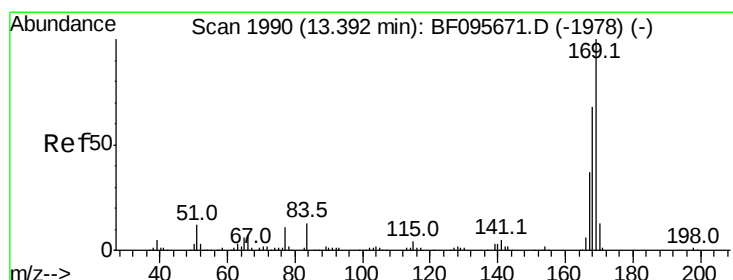
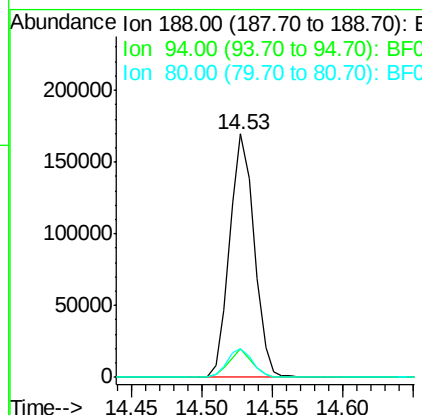
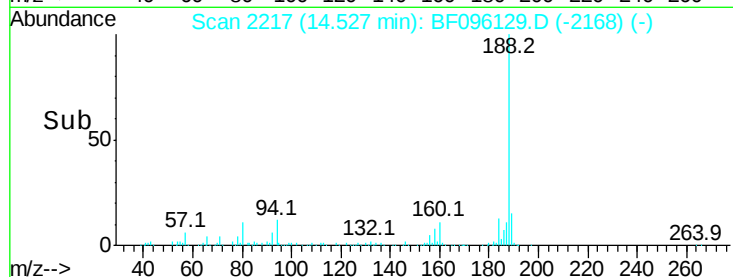
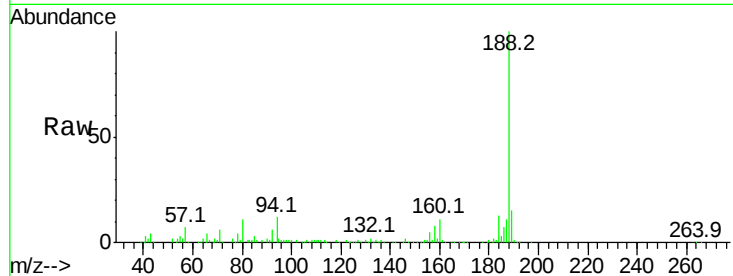
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	206042		
94	11.9		9.4	14.2
80	11.5		10.2	15.2

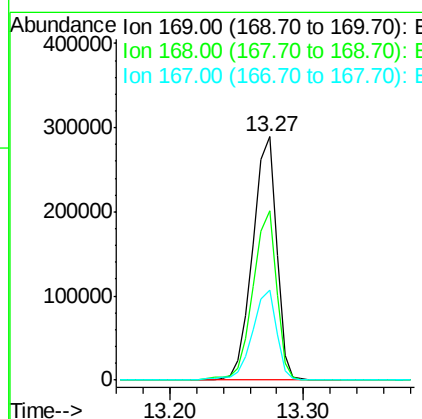
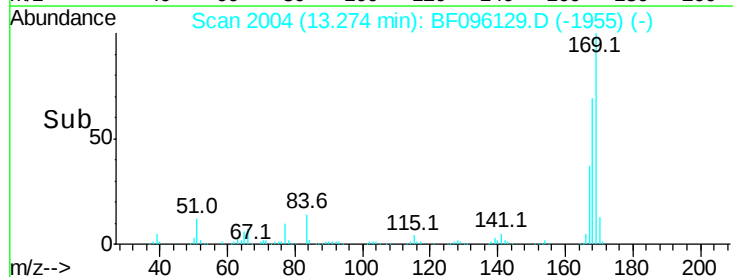
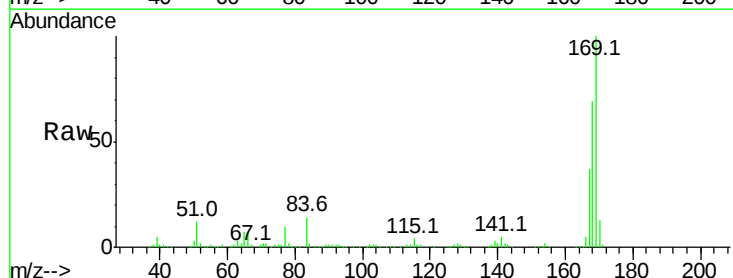
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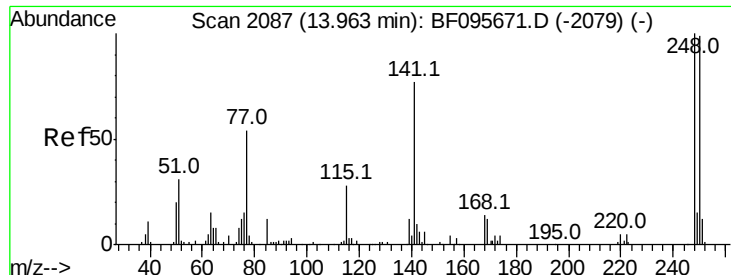
mohammad
6/26/2017 8:28:00 AM



#65
n-Nitrosodiphenylamine
Concen: 47.99 ng
RT: 13.27 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	355321		
168	69.3		53.2	79.8
167	37.0		29.5	44.3





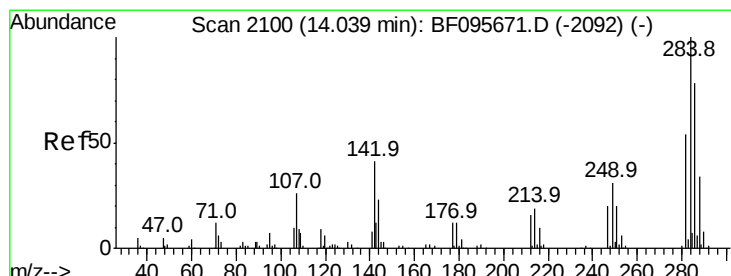
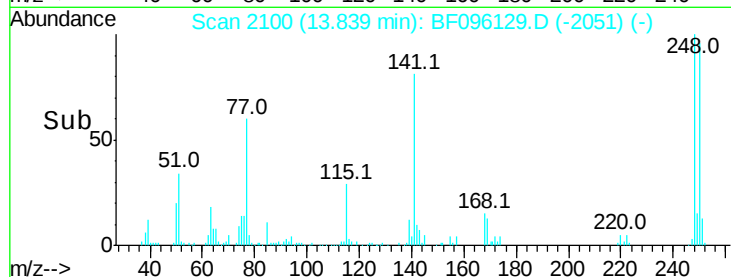
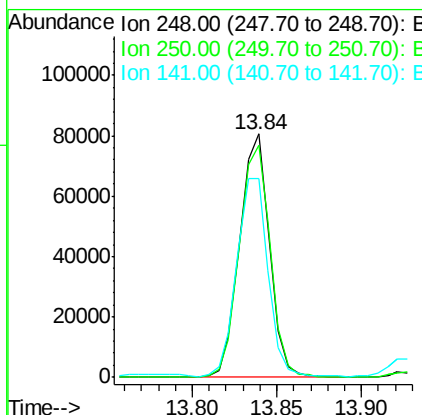
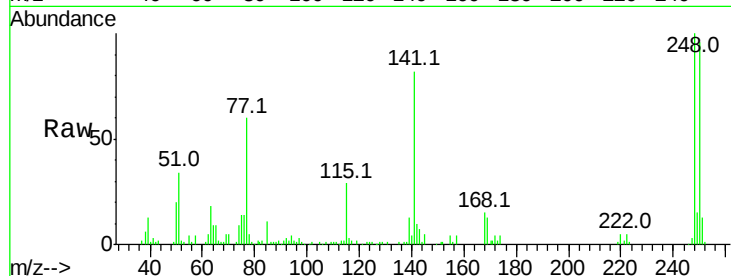
#66
4-Bromophenyl-phenylether
Concen: 46.44 ng
RT: 13.84 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.8	115.2
141	81.7	68.6	103.0

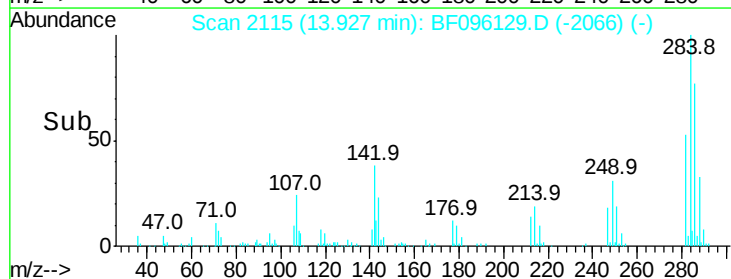
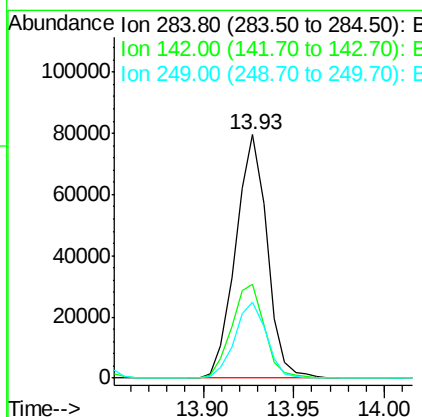
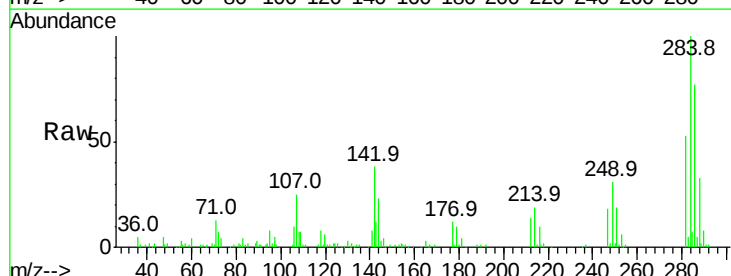
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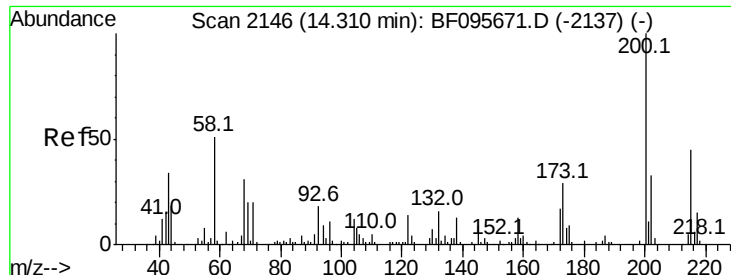
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#67
Hexachlorobenzene
Concen: 45.35 ng
RT: 13.93 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	22.8	34.2#
249	31.0	24.0	36.0





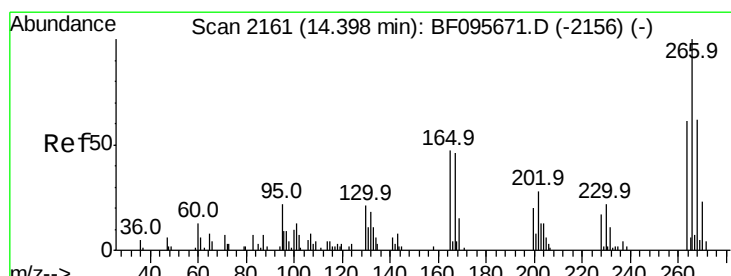
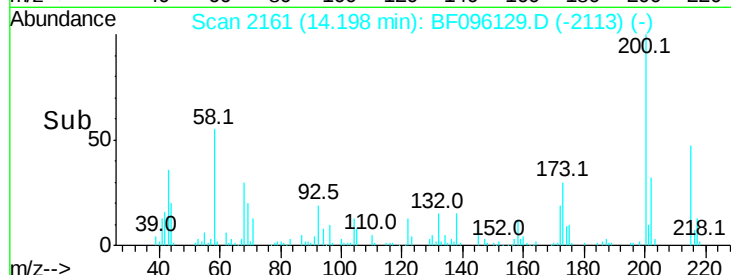
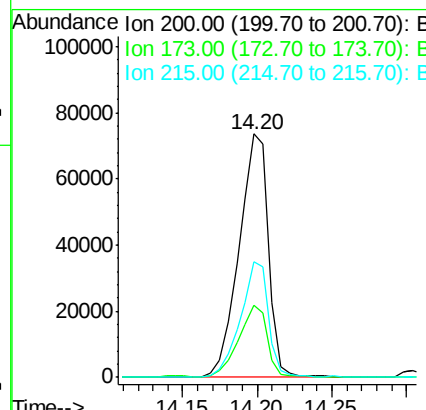
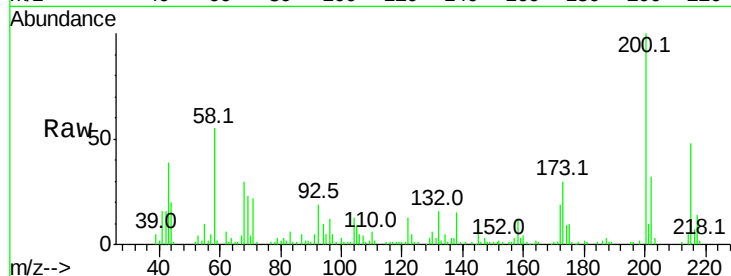
#68
Atrazine
Concen: 48.73 ng
RT: 14.20 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	6.3	46.3
215	47.6	27.2	67.2

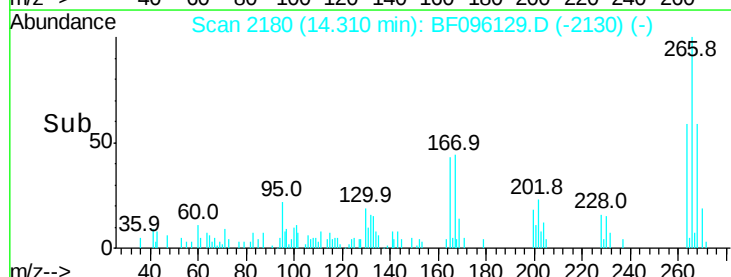
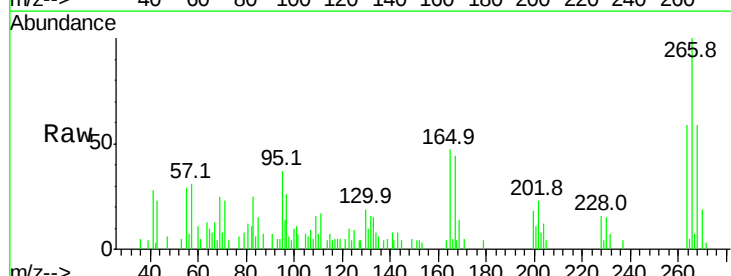
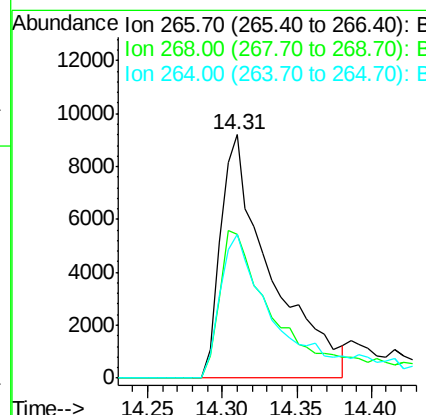
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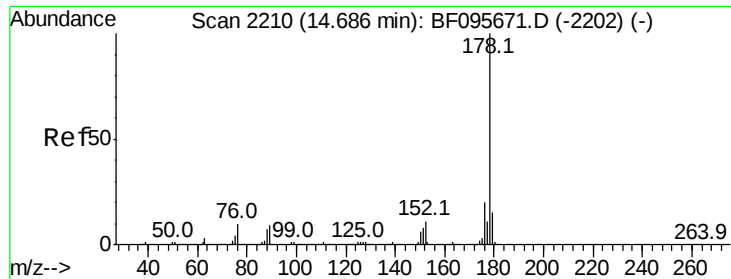
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#69
Pentachlorophenol
Concen: 31.17 ng
RT: 14.31 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.3	51.1	76.7
264	58.8	51.7	77.5





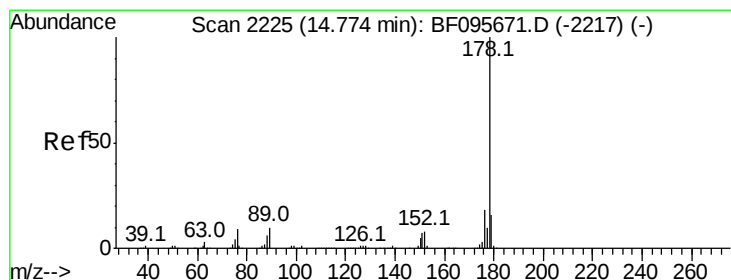
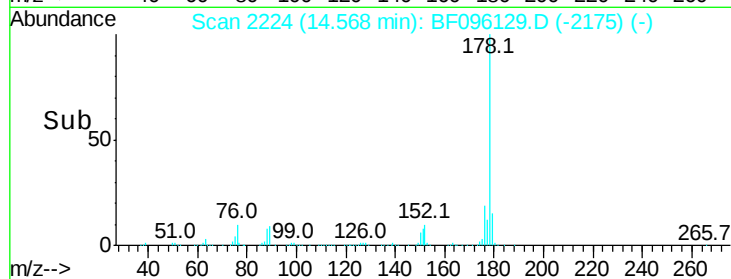
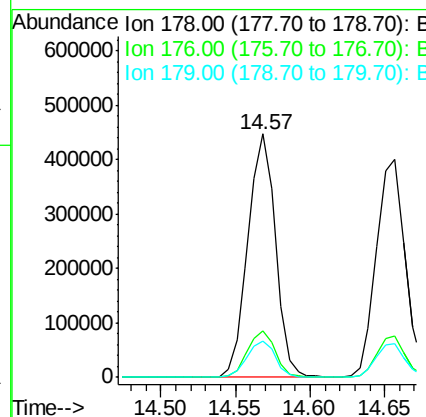
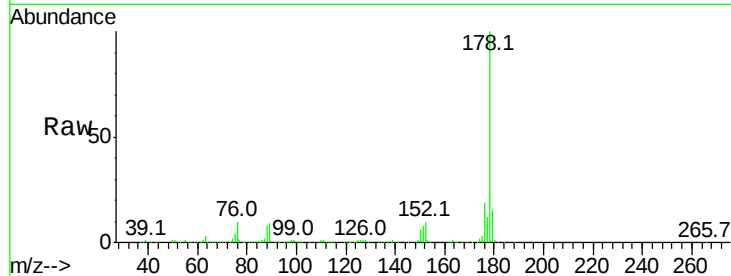
#70
Phenanthrene
Concen: 48.29 ng
RT: 14.57 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	14.8	12.6	19.0

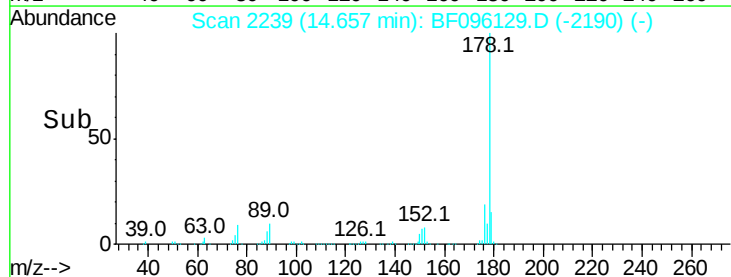
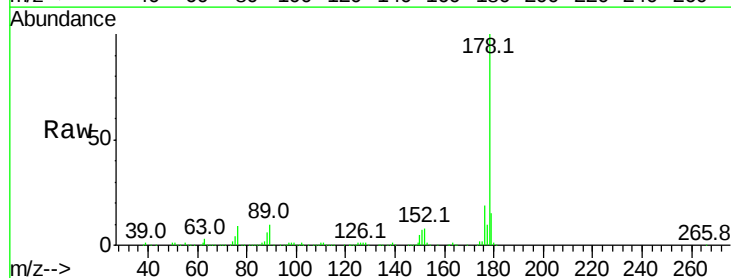
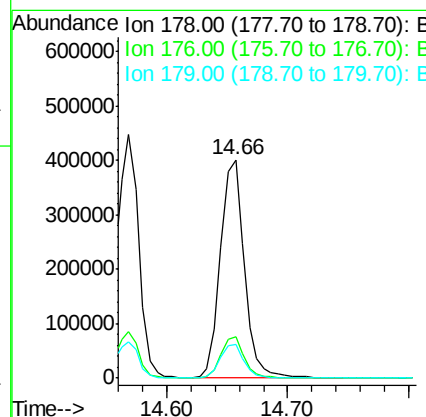
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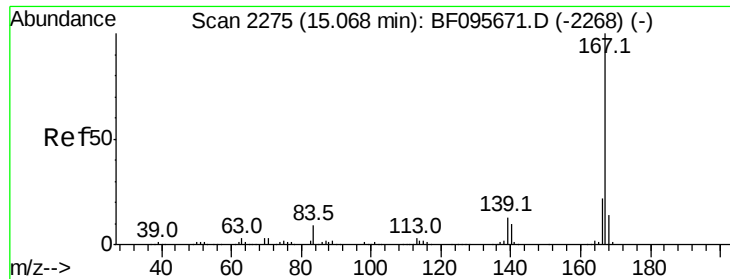
mohammad
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#71
Anthracene
Concen: 44.11 ng
RT: 14.66 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	12.7	19.1





#72

Carbazole

Concen: 40.23 ng

RT: 14.96 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

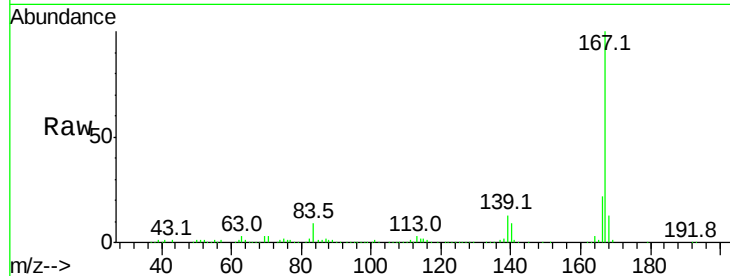
ClientSampleId :

GHD-SB-020304-0-11MSD

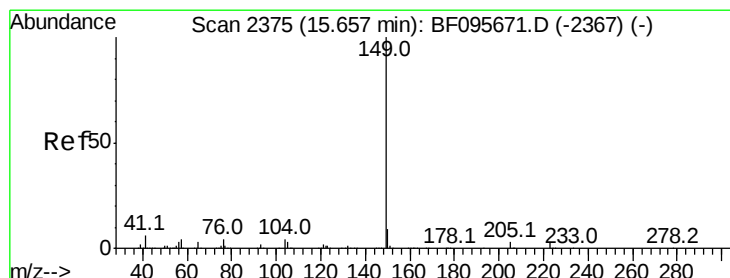
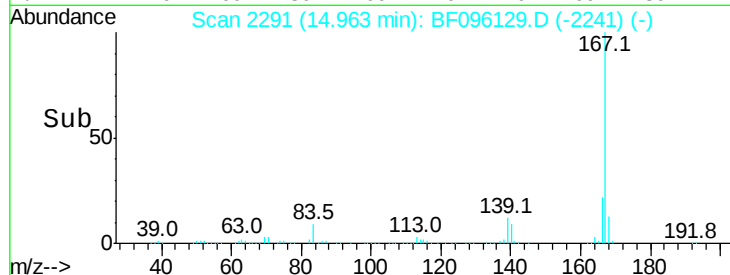
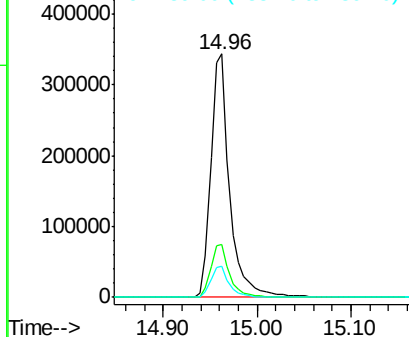
Tot Ion:	167	Resp:	486601
Ion Ratio	Lower	Upper	
167	100		
166	21.8	18.1	27.1
139	12.8	11.7	17.5

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



#73

Di-n-butylphthalate

Concen: 50.44 ng

RT: 15.55 min Scan# 2391

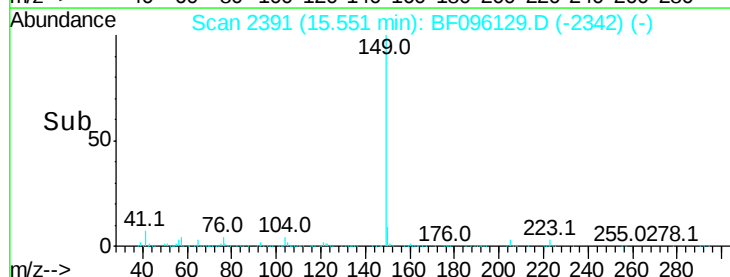
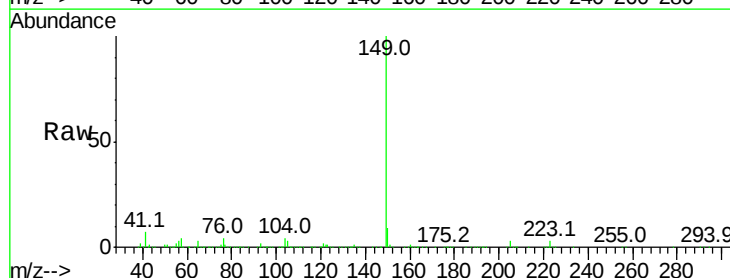
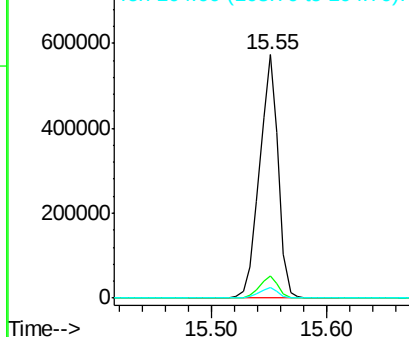
Delta R.T. -0.01 min

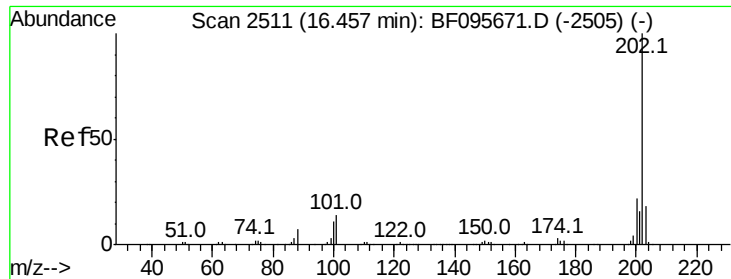
Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	149	Resp:	649090
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.3	4.0	6.0

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 47.74 ng

RT: 16.36 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

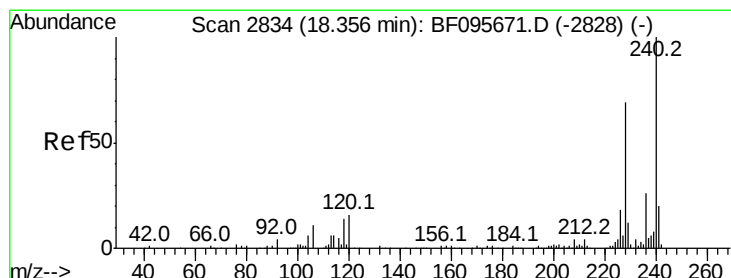
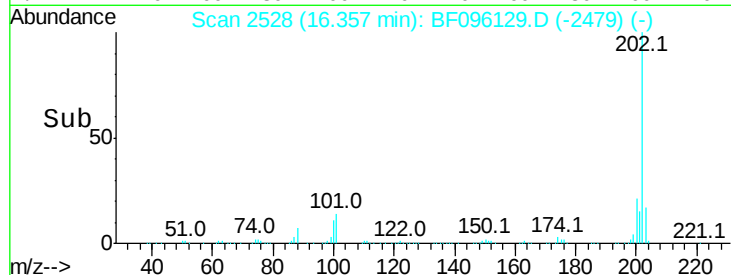
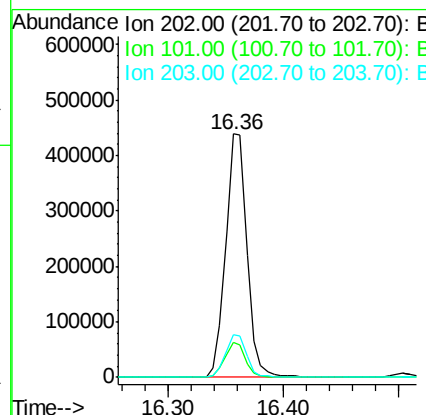
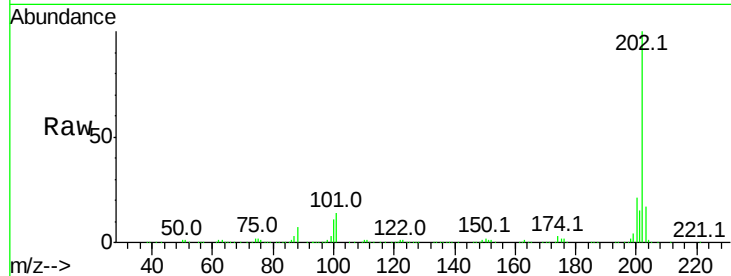
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

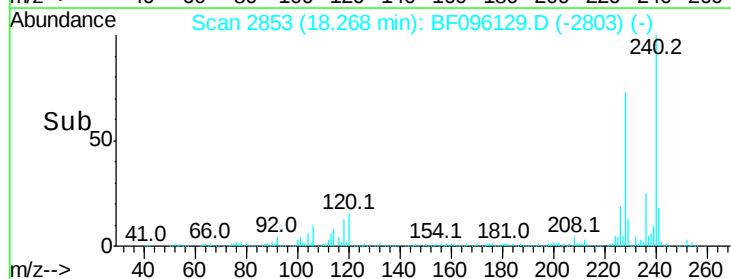
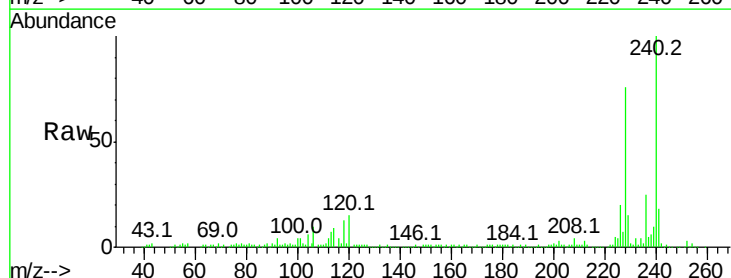
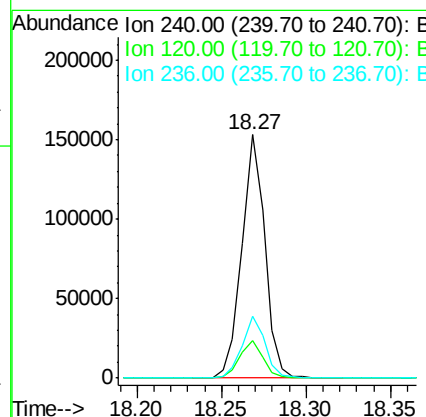
RT: 18.27 min Scan# 2853

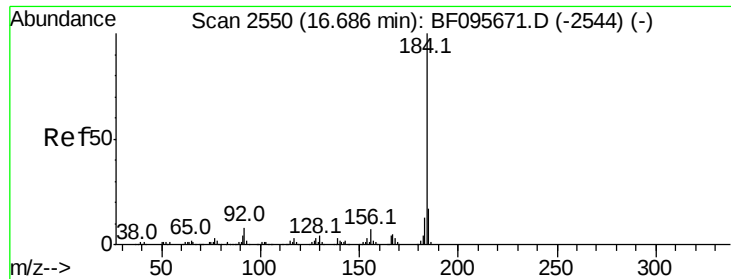
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.3	20.5	30.7





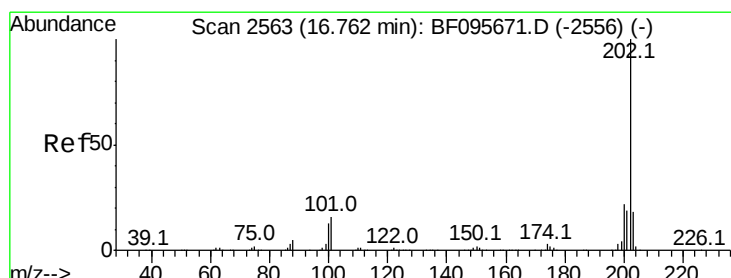
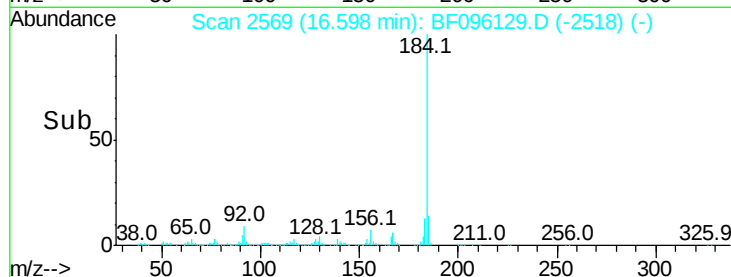
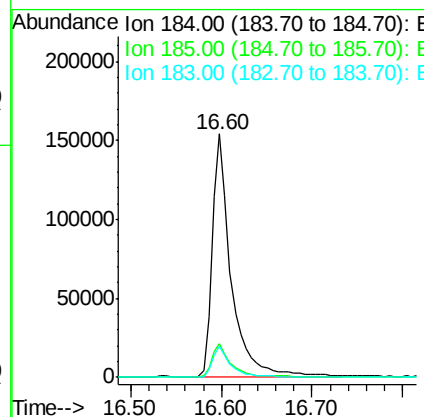
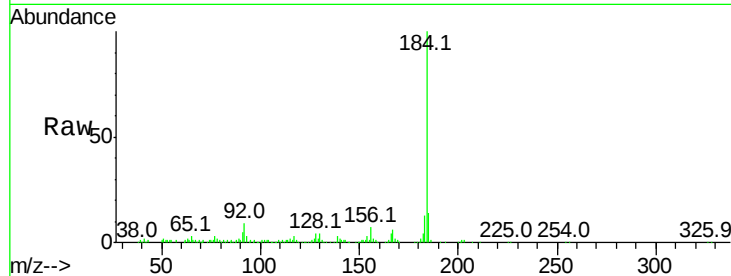
#76
Benzidine
Concen: 40.70 ng
RT: 16.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.1	15.5	23.3#	
183	12.8	9.8	14.6	

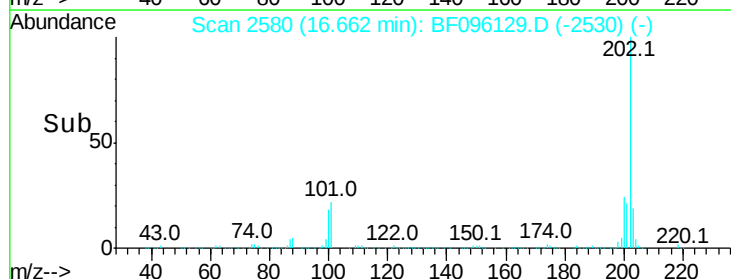
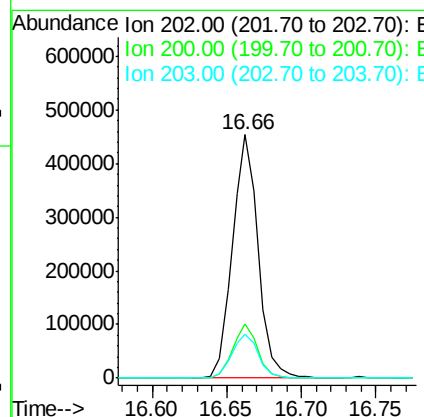
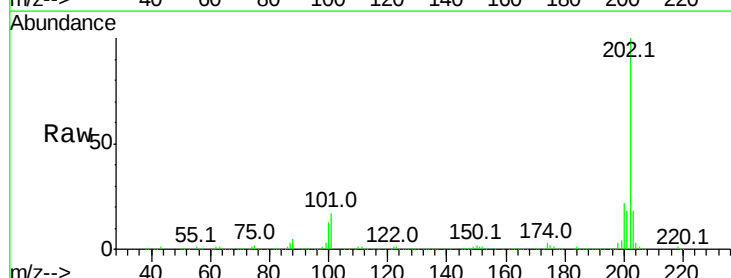
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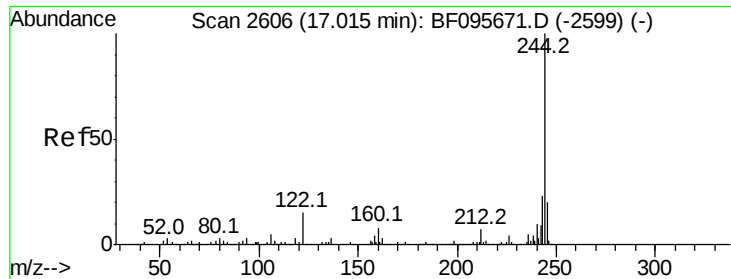
mohammad
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#77
Pyrene
Concen: 50.11 ng
RT: 16.66 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.0	17.6	26.4	
203	18.2	14.4	21.6	





#78

Terphenyl-d14

Concen: 85.25 ng

RT: 16.92 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

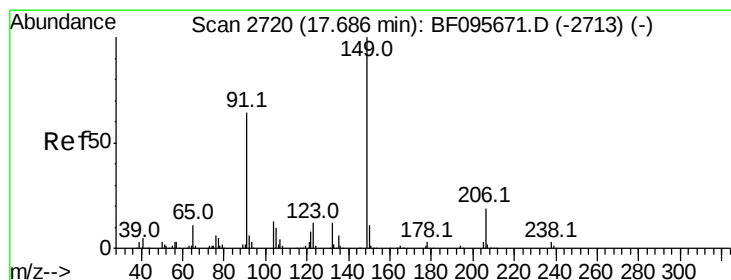
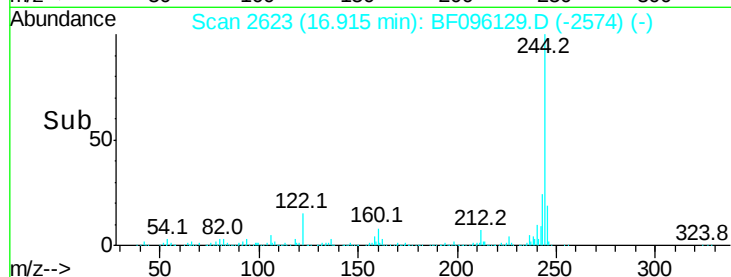
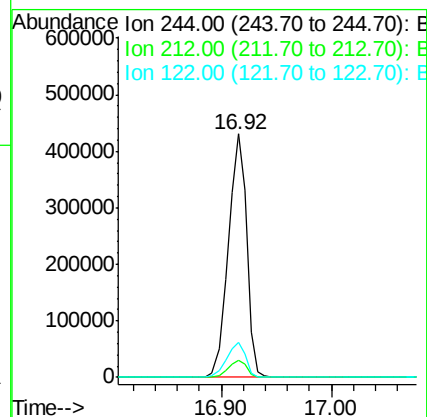
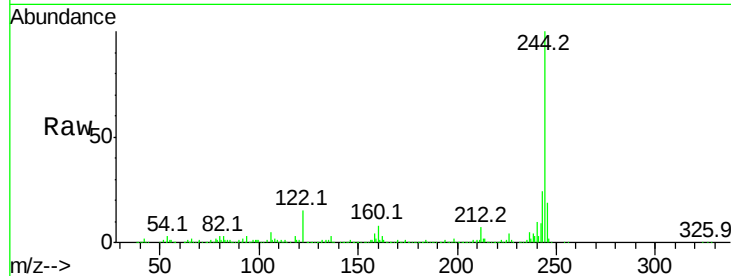
Instrument :
BNA_F

ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5

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#79

Butylbenzylphthalate

Concen: 46.35 ng

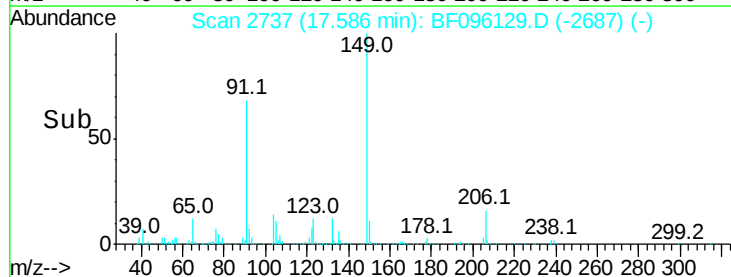
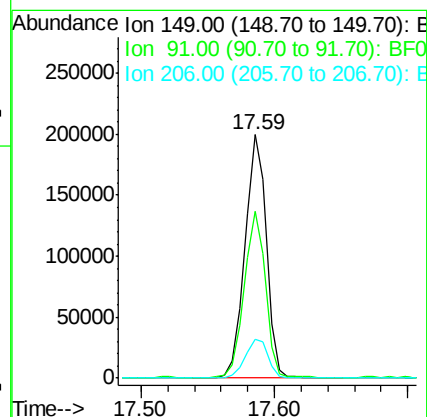
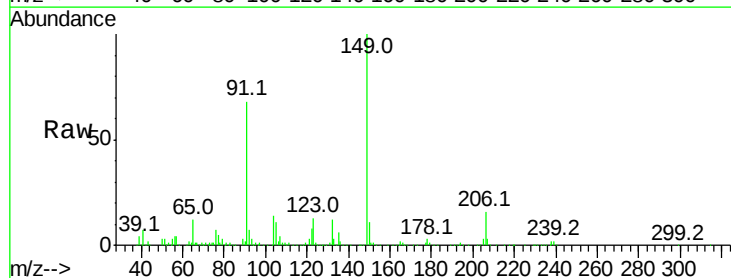
RT: 17.59 min Scan# 2737

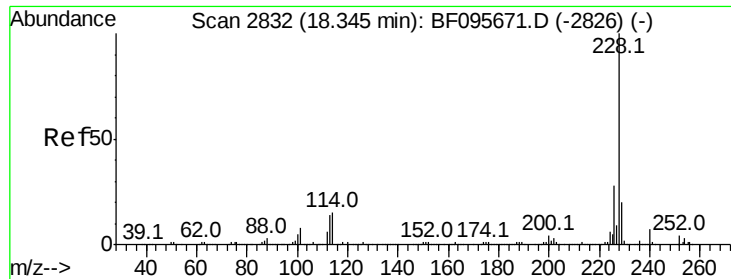
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	45.0	67.4#
206	16.1	17.0	25.6#





#80

Benzo(a)anthracene

Concen: 48.78 ng

RT: 18.26 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

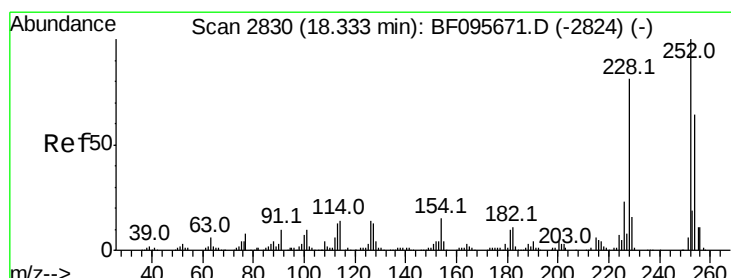
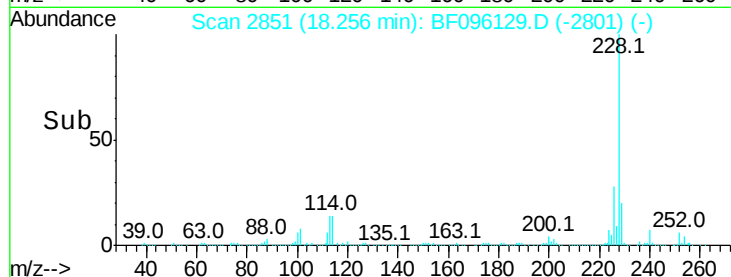
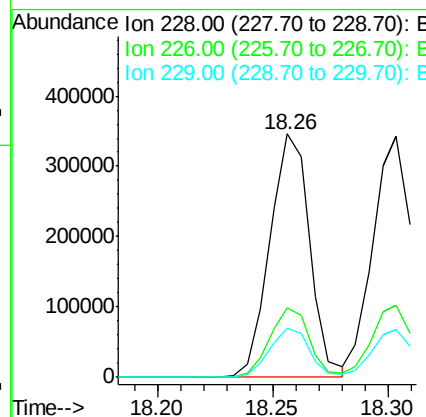
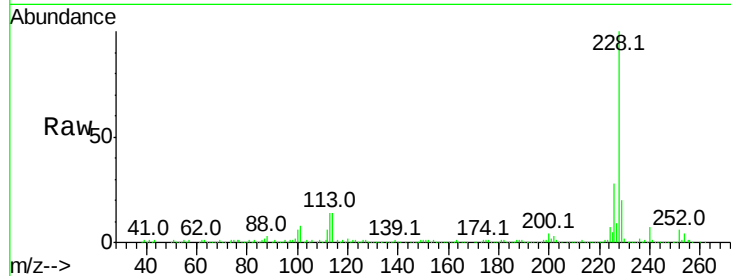
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.4	16.3	24.5

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#81

3,3'-Dichlorobenzidine

Concen: 40.64 ng

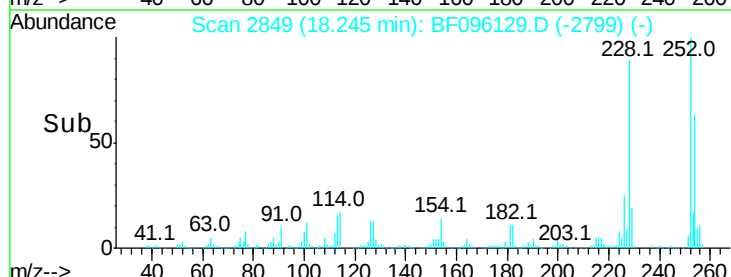
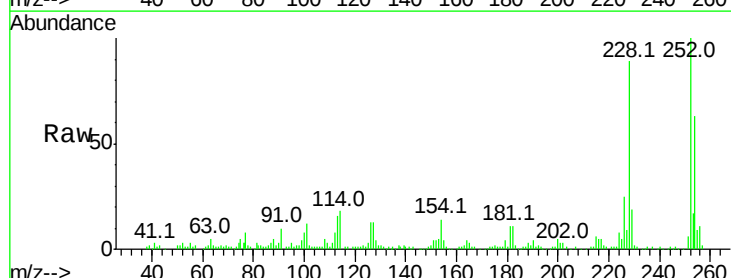
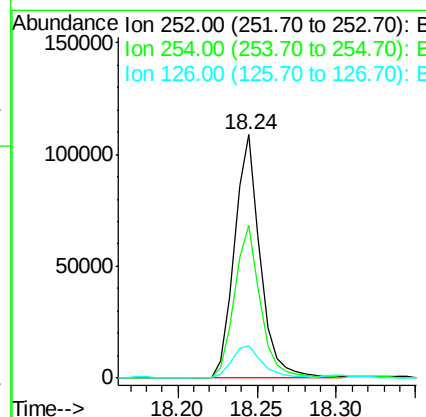
RT: 18.24 min Scan# 2849

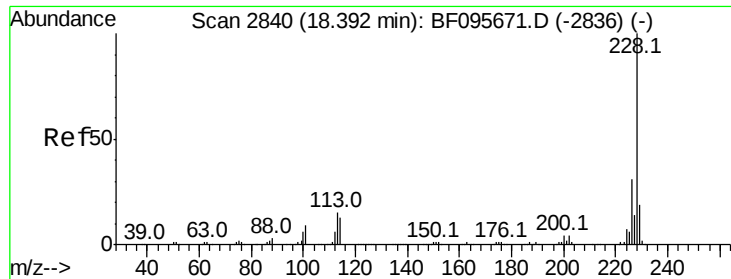
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	13.1	15.8	23.8#





#82

Chrysene

Concen: 47.60 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

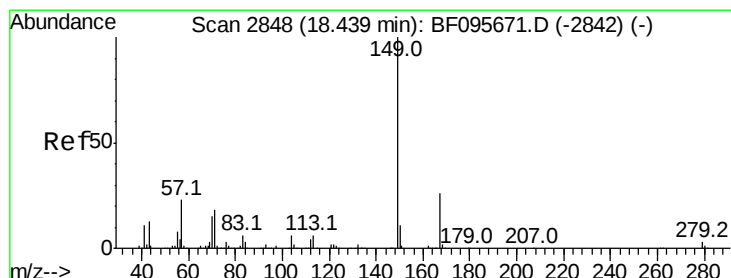
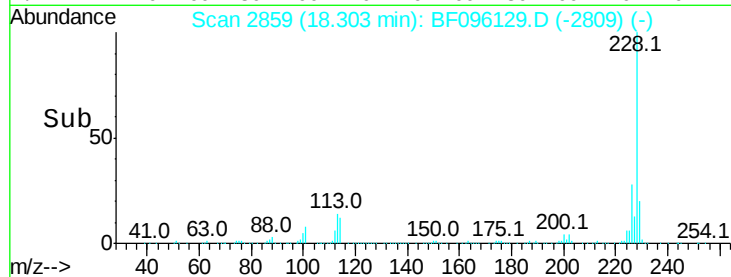
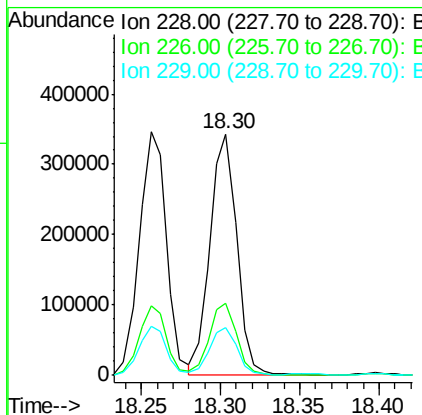
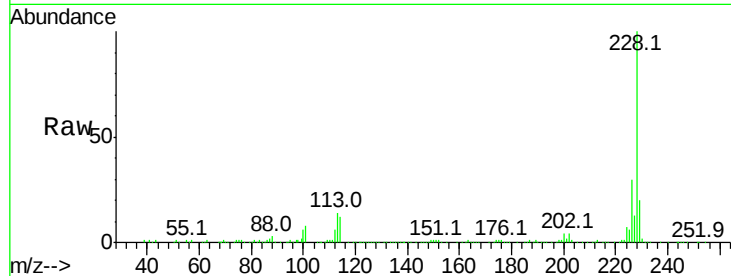
ClientSampleId :

GHD-SB-020304-0-11MSD

Tot Ion:	228	Resp:	403058
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	19.7	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 47.65 ng

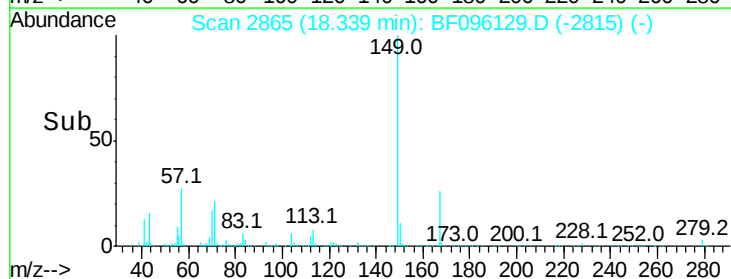
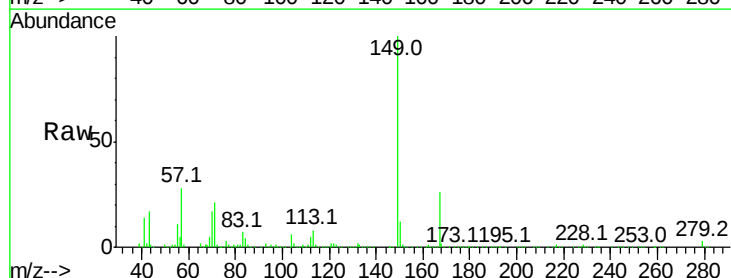
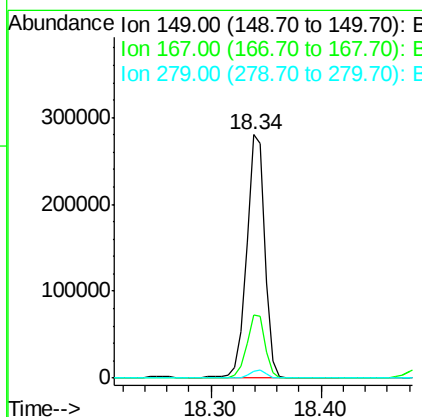
RT: 18.34 min Scan# 2865

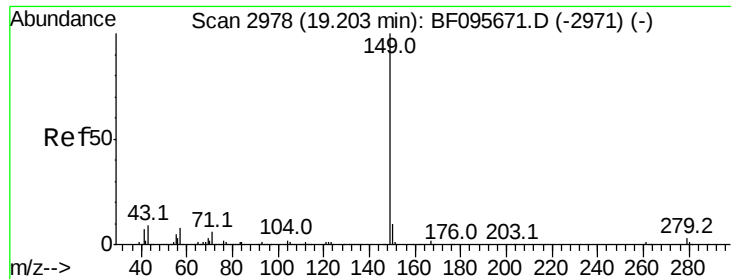
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:	149	Resp:	319206
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.0	31.4
279	2.7	1.9	2.9





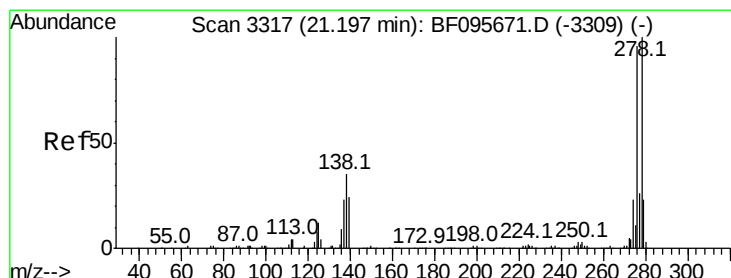
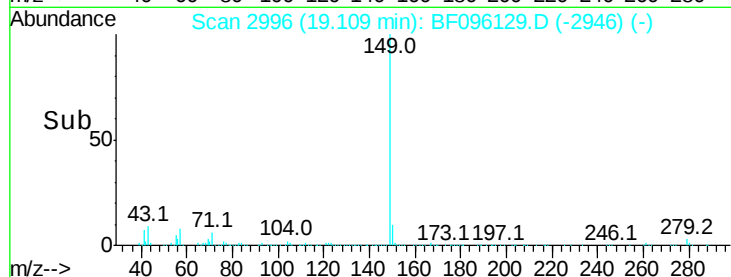
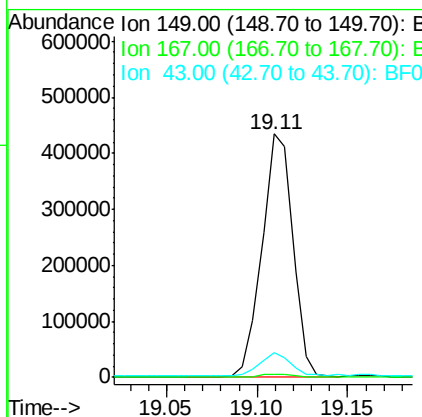
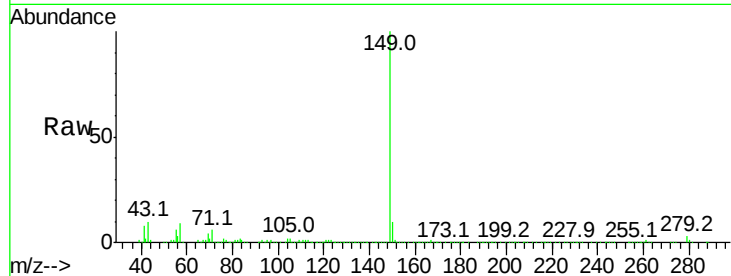
#84
Di-n-octyl phthalate
Concen: 46.45 ng
RT: 19.11 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	8.5	12.7

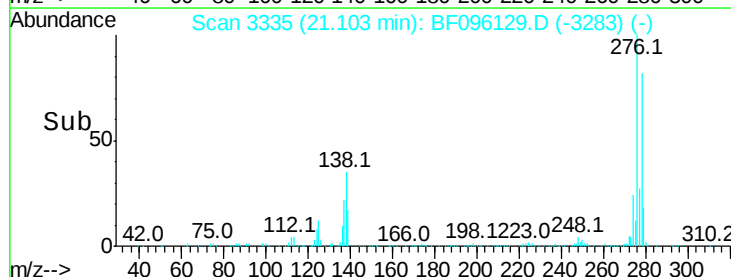
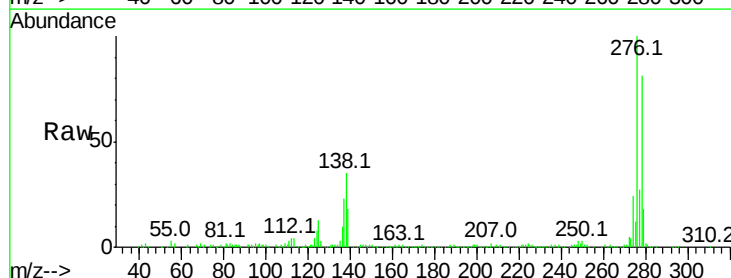
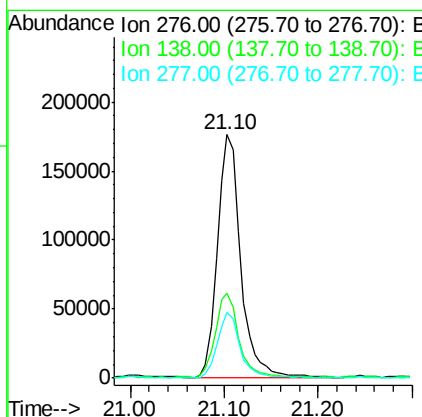
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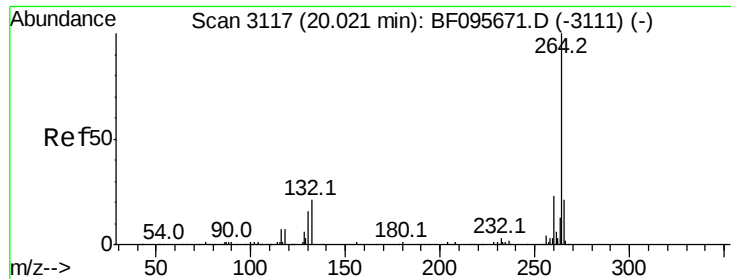
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#85
Indeno(1,2,3-cd)pyrene
Concen: 42.07 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.8	20.2	30.4





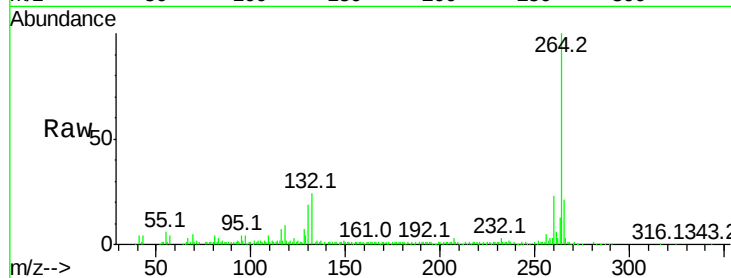
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

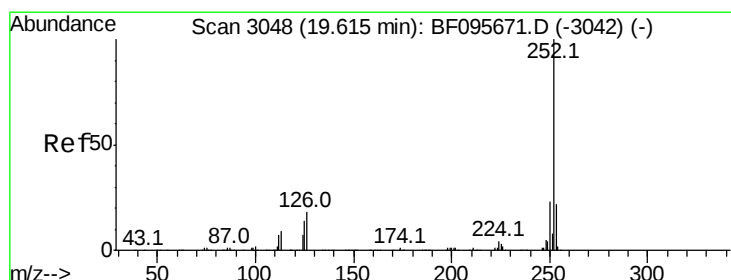
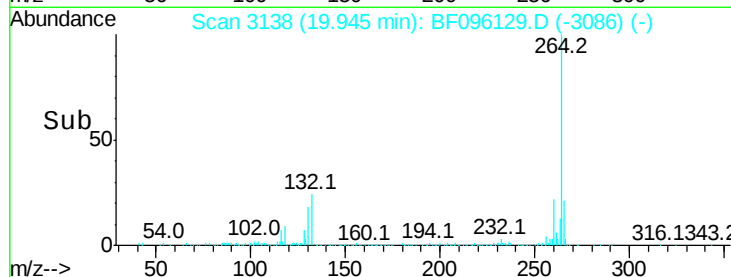
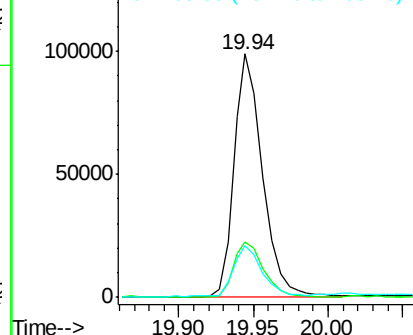
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.3	17.2	25.8

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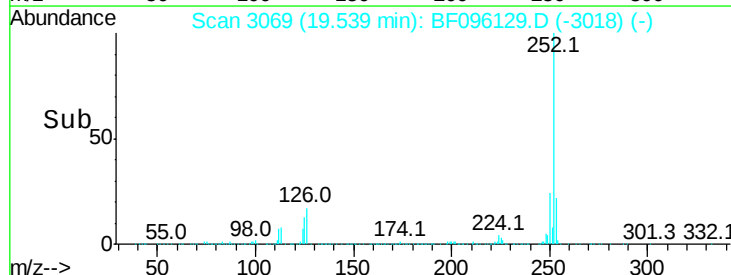
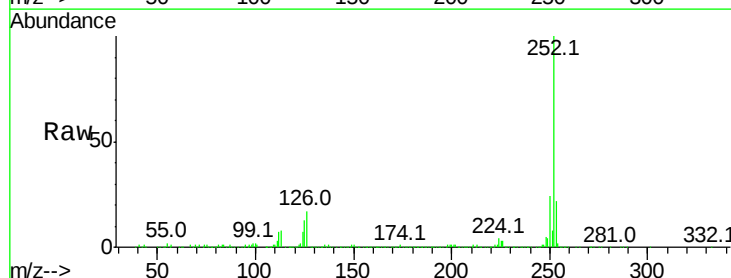
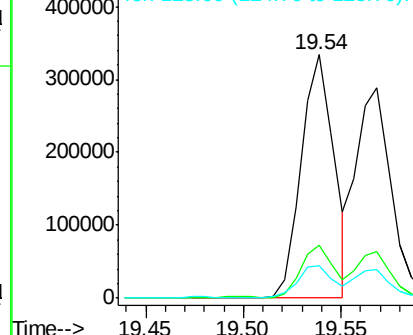
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

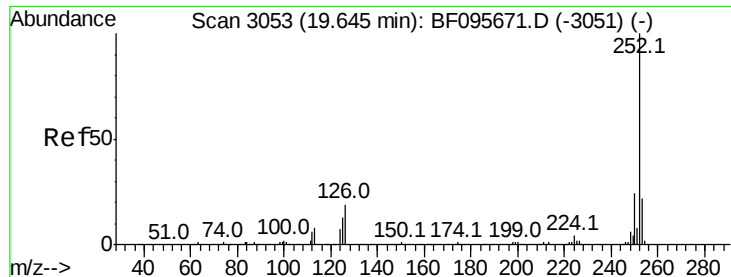


#87
Benzo(b)fluoranthene
Concen: 47.14 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

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

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





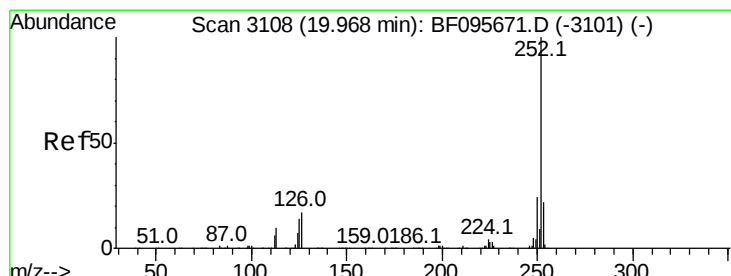
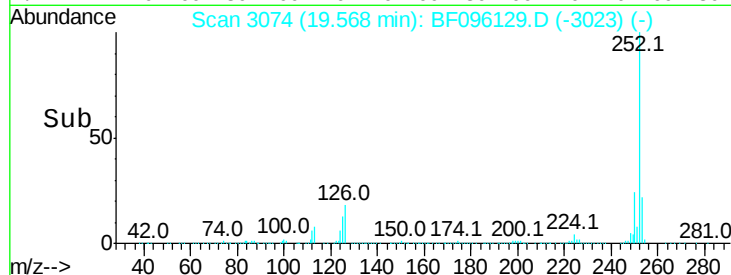
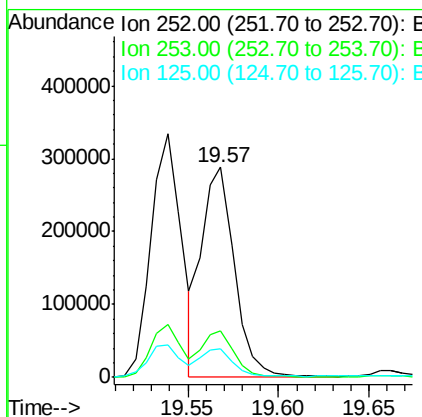
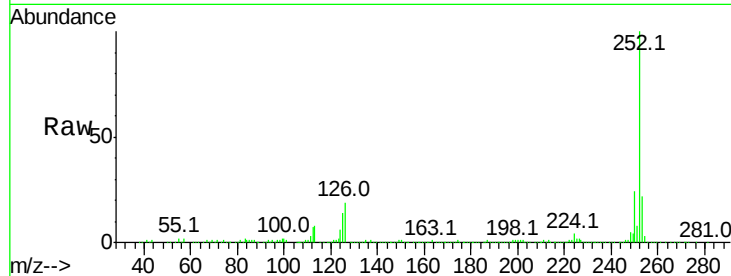
#88
Benzo(k)fluoranthene
Concen: 45.70 ng
RT: 19.57 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.8	13.1	19.7

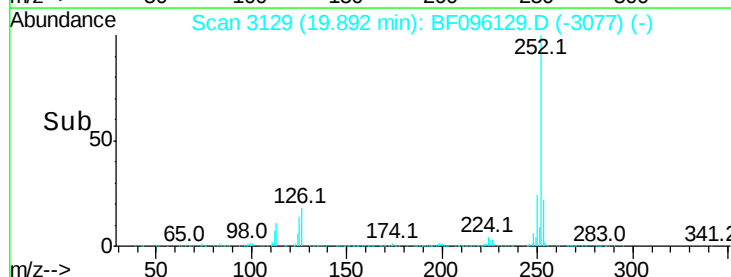
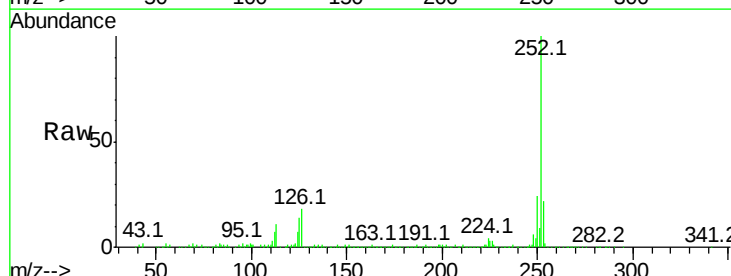
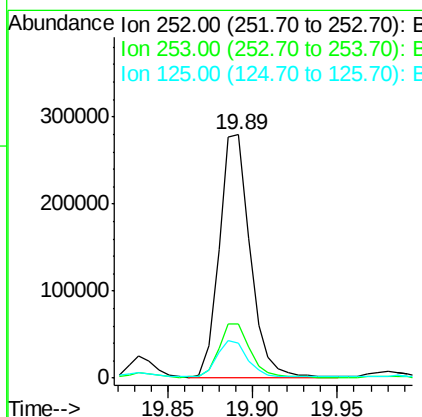
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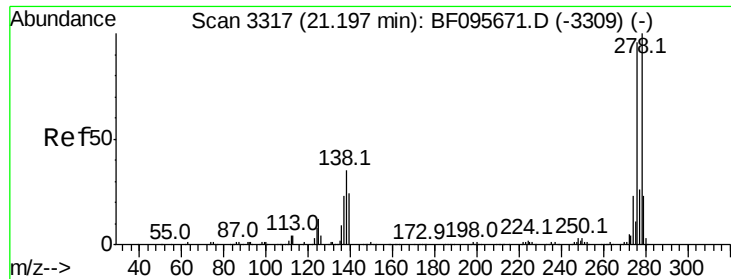
mohammad
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#89
Benzo(a)pyrene
Concen: 46.71 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.2	11.0	16.4





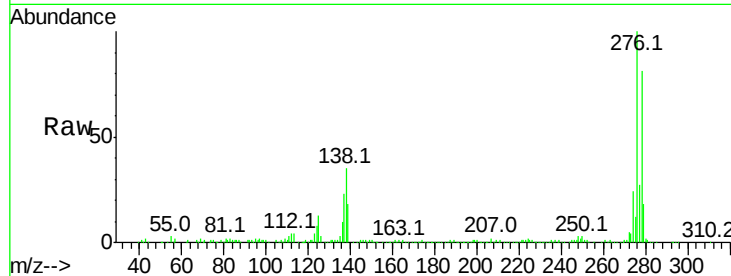
#90
Dibenzo(a,h)anthracene
Concen: 38.77 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

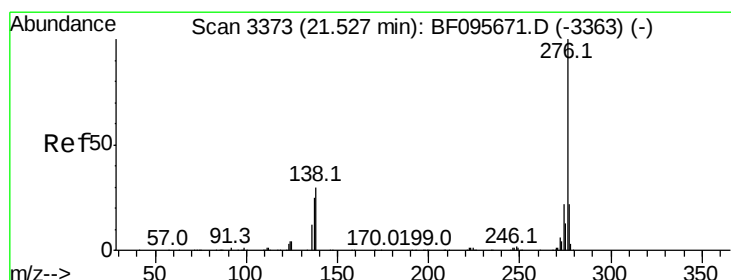
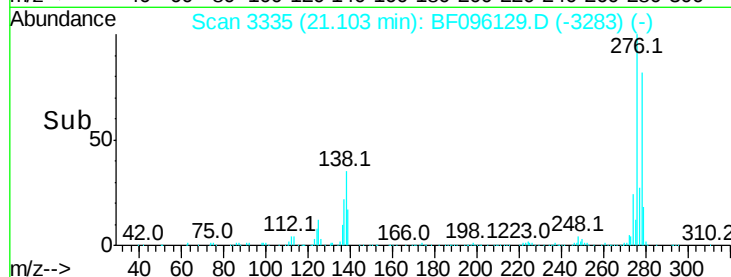
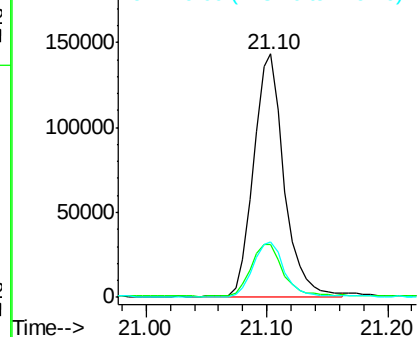
Tot Ion:	278	Resp:	250629
Ion Ratio	Lower	Upper	
278	100		
139	21.8	16.6	24.8
279	22.7	19.3	28.9

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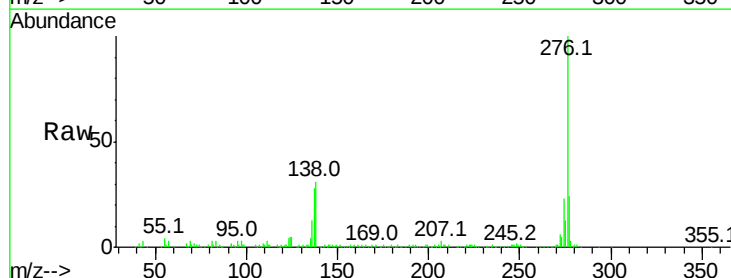


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 37.33 ng
RT: 21.43 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion:	276	Resp:	246055
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.6	28.0
138	30.7	25.4	38.0



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

