

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096128.D
 Acq On : 22 Jun 2017 18:27
 Operator : SJ/MA
 Sample : I3775-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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6/26/2017 8:27:57 AM

Quant Time: Jun 23 01:38:48 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	93236	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	329268	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	130195	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	194945	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	138352	20.00	ng	0.00
86) Perylene-d12	19.94	264	121463	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	756325	129.26	ng	0.00
7) Phenol-d6	6.87	99	832036	118.78	ng	0.00
23) Nitrobenzene-d5	8.20	82	512644	96.69	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	123291	107.03	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	721173	77.08	ng	-0.02
78) Terphenyl-d14	16.92	244	456755	81.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.64	88	96429	34.64	ng	95
3) Pyridine	2.17	79	238577	36.47	ng	99
4) n-Nitrosodimethylamine	2.14	42	105542	42.43	ng	88
6) Aniline	6.78	93	292372	31.90	ng	96
8) 2-Chlorophenol	6.97	128	274647	44.15	ng	97
9) Benzaldehyde	6.60	77	67994	14.39	ng	91
10) Phenol	6.88	94	336824	46.35	ng	90
11) bis(2-Chloroethyl)ether	6.93	93	224801	39.05	ng	97
12) 1,3-Dichlorobenzene	7.17	146	261041	37.07	ng	98
13) 1,4-Dichlorobenzene	7.30	146	300418	42.07	ng	97
14) 1,2-Dichlorobenzene	7.53	146	282892	42.97	ng	97
15) Benzyl Alcohol	7.60	79	215522	44.83	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.79	45	353584	43.72	ng	96
17) 2-Methylphenol	7.83	107	228414	43.75	ng	95
18) Hexachloroethane	8.05	117	91217	38.68	ng	# 87
19) n-Nitroso-di-n-propylamine	8.02	70	197862	44.57	ng	96
20) 3+4-Methylphenols	8.10	107	255317	38.52	ng	# 57
22) Acetophenone	7.97	105	378167	49.07	ng	# 84
24) Nitrobenzene	8.23	77	267895	47.30	ng	94
25) Isophorone	8.64	82	484351	48.93	ng	95
26) 2-Nitrophenol	8.75	139	131268	44.26	ng	98
27) 2,4-Dimethylphenol	8.91	122	238874	51.90	ng	98
28) bis(2-Chloroethoxy)methane	9.02	93	324111	49.67	ng	99
29) 2,4-Dichlorophenol	9.20	162	191341	43.17	ng	98
30) 1,2,4-Trichlorobenzene	9.25	180	188868	40.95	ng	98
31) Naphthalene	9.35	128	689305	41.71	ng	99
33) 4-Chloroaniline	9.51	127	185430	28.71	ng	92
34) Hexachlorobutadiene	9.56	225	109549	45.97	ng	98
35) Caprolactam	10.13	113	54675m	41.45	ng	
36) 4-Chloro-3-methylphenol	10.40	107	187608	40.43	ng	91
37) 2-Methylnaphthalene	10.47	142	443064	39.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	168827	43.33	ng	98
40) Hexachlorocyclopentadiene	10.72	237	5370	15.02	ng	97
42) 2,4,6-Trichlorophenol	11.00	196	111082	44.34	ng	96

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Manual Integrations
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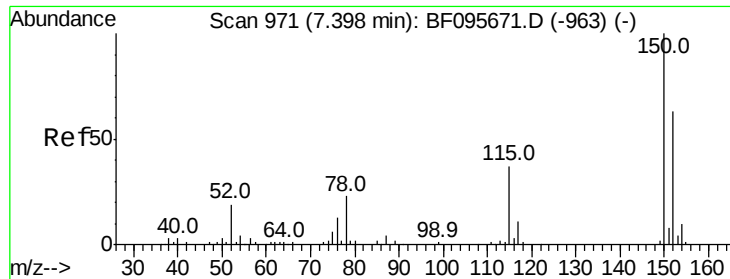
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.10	196	107387	40.30	nq	93
45) 1,1'-Biphenyl	11.24	154	466376	43.46	nq	97
46) 2-Chloronaphthalene	11.26	162	356153	42.48	nq	95
47) 2-Nitroaniline	11.49	65	110640	45.10	nq	# 81
48) Acenaphthylene	11.90	152	544233	37.96	nq	99
49) Dimethylphthalate	11.81	163	630877	63.82	nq	99
50) 2,6-Dinitrotoluene	11.90	165	81697	37.89	nq	# 64
51) Acenaphthene	12.19	154	322701	38.97	nq	98
52) 3-Nitroaniline	12.17	138	94666	37.68	nq	90
53) 2,4-Dinitrophenol	12.56	184	116	6.56	nq	# 21
54) Dibenzofuran	12.47	168	497969	42.73	nq	98
55) 4-Nitrophenol	12.62	139	71094	50.29	nq	# 76
56) 2,4-Dinitrotoluene	12.58	165	114398	39.28	nq	90
57) Fluorene	13.03	166	383206	37.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.74	232	73874	40.52	nq	# 99
59) Diethylphthalate	12.94	149	412673	43.38	nq	99
60) 4-Chlorophenyl-phenylether	13.06	204	176001	39.91	nq	91
61) 4-Nitroaniline	13.17	138	94837	40.43	nq	93
62) Azobenzene	13.32	77	365742	42.42	nq	94
64) 4,6-Dinitro-2-methylphenol	13.30	198	5040	3.93	nq	# 1
65) n-Nitrosodiphenylamine	13.27	169	333302	47.58	nq	98
66) 4-Bromophenyl-phenylether	13.84	248	93853	46.32	nq	97
67) Hexachlorobenzene	13.93	284	89557	44.86	nq	# 90
68) Atrazine	14.20	200	90314	46.33	nq	96
69) Pentachlorophenol	14.30	266	36174	50.44	nq	97
70) Phenanthrene	14.57	178	508451	45.20	nq	98
71) Anthracene	14.66	178	502754	42.81	nq	97
72) Carbazole	14.96	167	441294	38.56	nq	97
73) Di-n-butylphthalate	15.55	149	598714	49.18	nq	98
74) Fluoranthene	16.36	202	490554	44.06	nq	98
76) Benzidine	16.60	184	179922	33.86	nq	# 91
77) Pyrene	16.66	202	480050	46.50	nq	98
79) Butylbenzylphthalate	17.59	149	202659	44.95	nq	# 85
80) Benzo(a)anthracene	18.26	228	379549	47.18	nq	100
81) 3,3'-Dichlorobenzidine	18.24	252	115175	40.27	nq	# 95
82) Chrysene	18.30	228	368493	45.84	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	304454	47.87	nq	# 99
84) Di-n-octyl phthalate	19.11	149	477417	45.56	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	277192	40.30	nq	99
87) Benzo(b)fluoranthene	19.54	252	349616	45.97	nq	98
88) Benzo(k)fluoranthene	19.57	252	321233	44.19	nq	# 95
89) Benzo(a)pyrene	19.89	252	315905	45.19	nq	98
90) Dibenzo(a,h)anthracene	21.10	278	236805	39.94	nq	98
91) Benzo(g,h,i)perylene	21.43	276	229351	37.94	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: BF096128.D

Acq: 22 Jun 2017 18:27

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BNA_F

ClientSampleId :

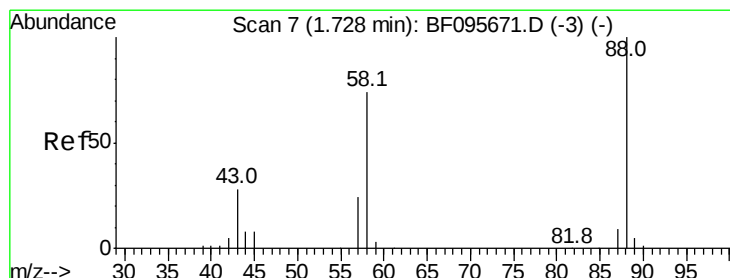
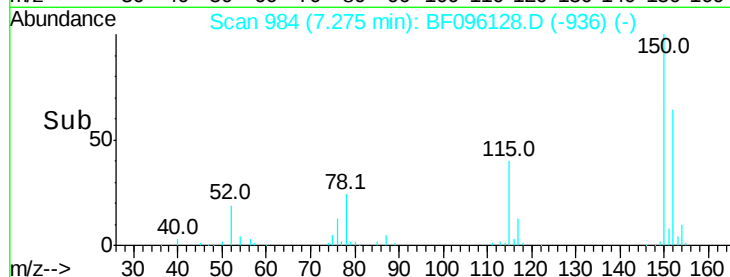
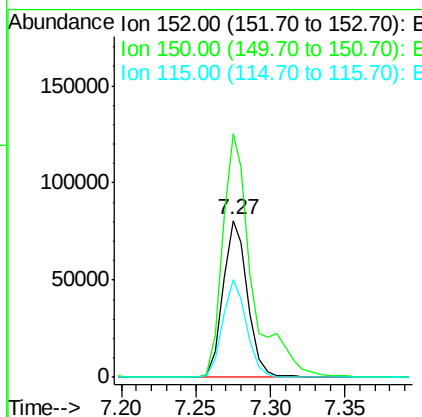
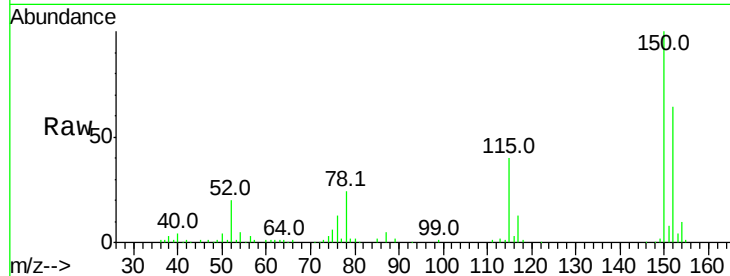
GHD-SB-020304-0-11MS

Tot Ion:	152	Resp:	93236
Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	62.5	52.2	78.2

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#2

1,4-Dioxane

Concen: 34.64 ng

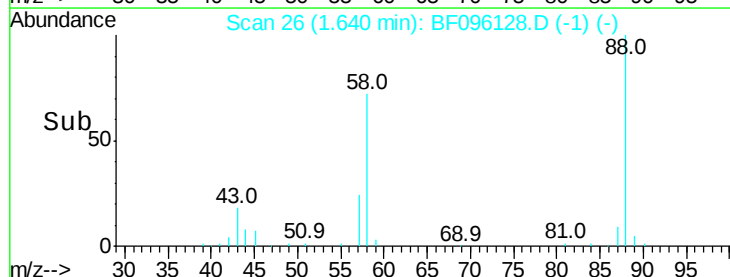
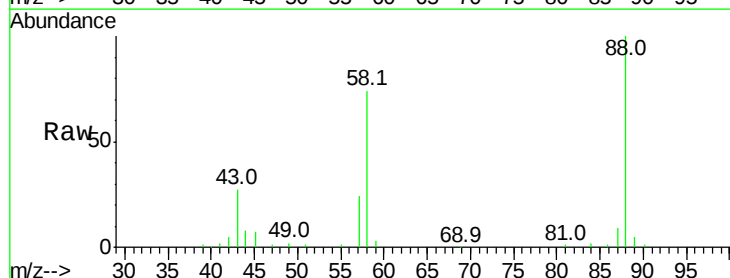
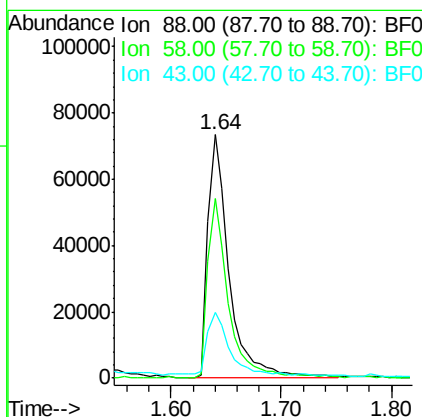
RT: 1.64 min Scan# 26

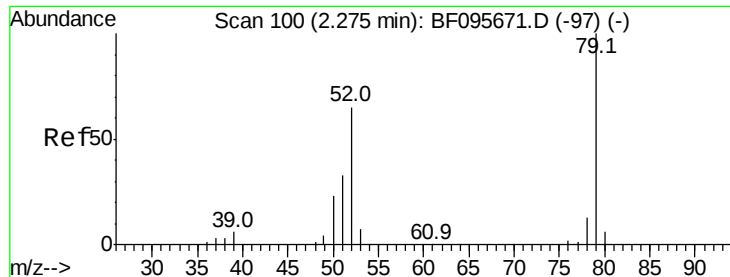
Delta R.T. 0.03 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	88	Resp:	96429
Ion	Ratio	Lower	Upper
88	100		
58	72.5	61.4	92.0
43	25.4	23.4	35.0





#3

Pvridine

Concen: 36.47 ng

RT: 2.17 min Scan# 116

Delta R.T. 0.04 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

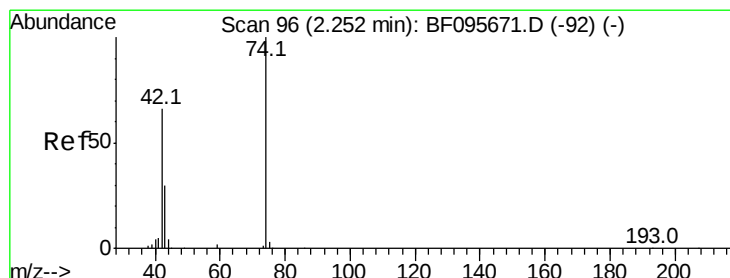
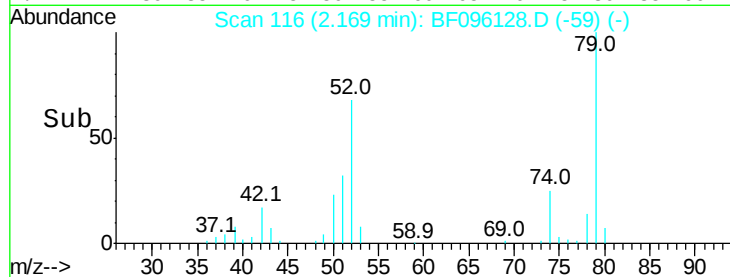
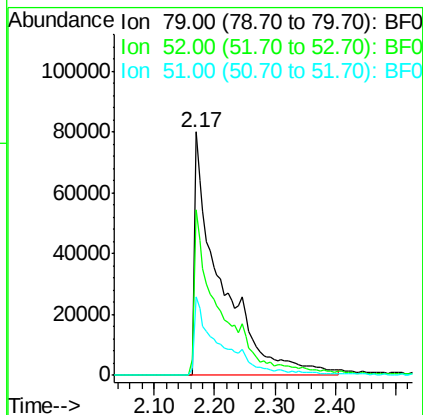
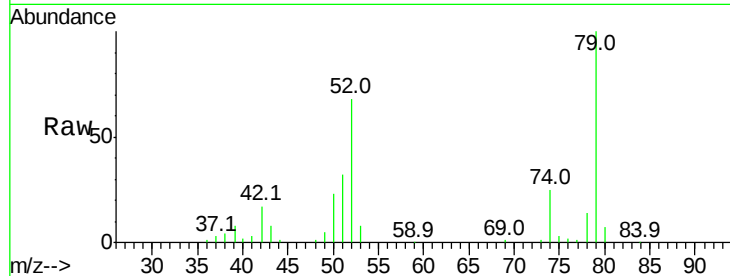
GHD-SB-020304-0-11MS

Tot Ion:	79	Resp:	238577
Ion Ratio	Lower	Upper	
79	100		
52	68.1	54.8	82.2
51	32.3	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 42.43 ng

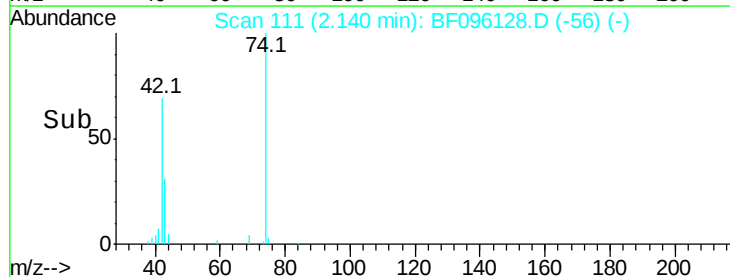
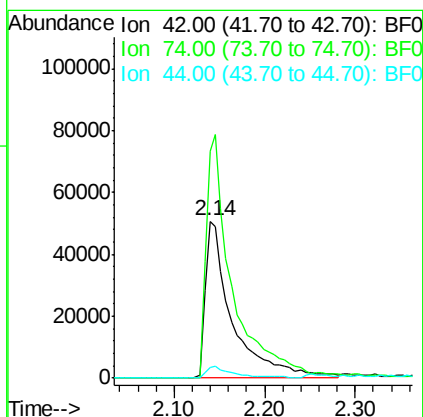
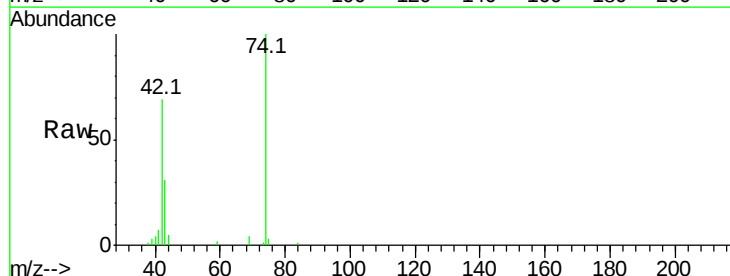
RT: 2.14 min Scan# 111

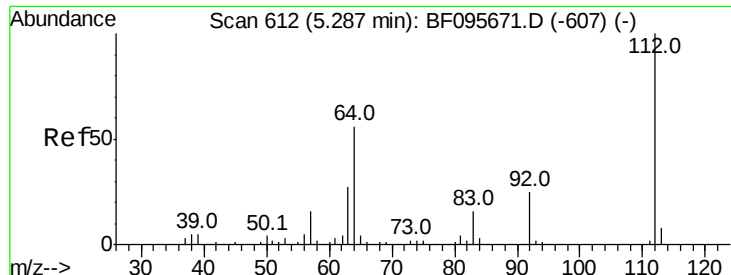
Delta R.T. 0.02 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	42	Resp:	105542
Ion Ratio	Lower	Upper	
42	100		
74	144.3	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 129.26 ng

RT: 5.17 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

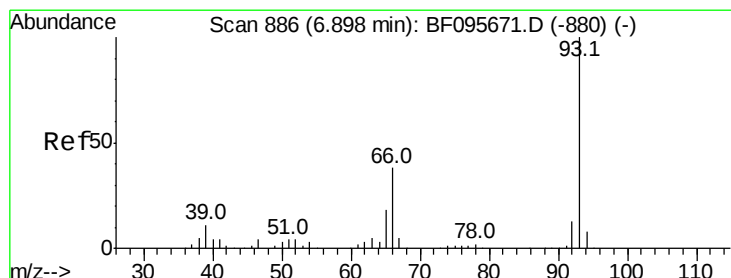
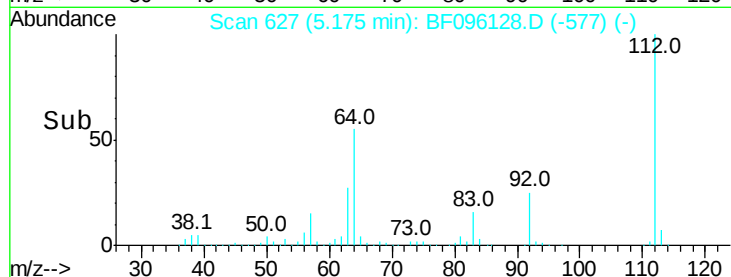
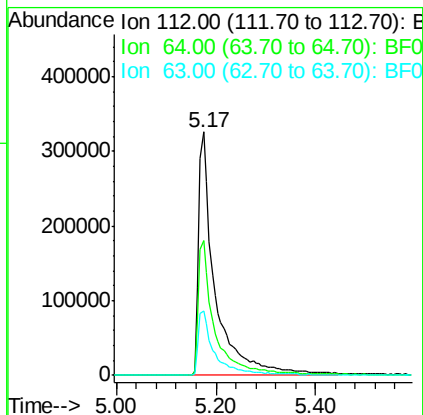
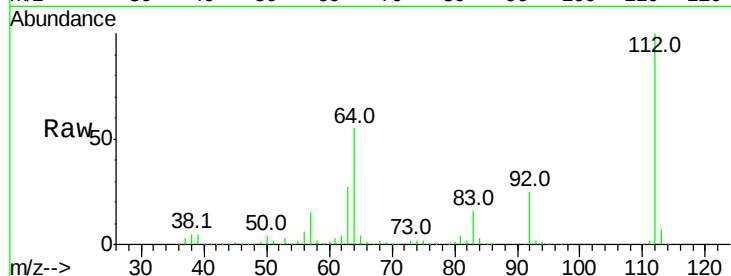
GHD-SB-020304-0-11MS

Tot Ion:	112	Resp:	756325
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.0	69.0
63	26.5	23.4	35.0

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#6

Aniline

Concen: 31.90 ng

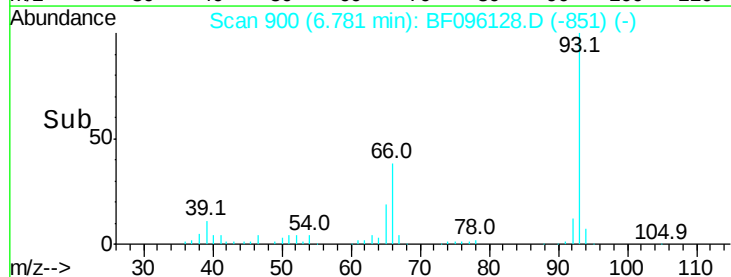
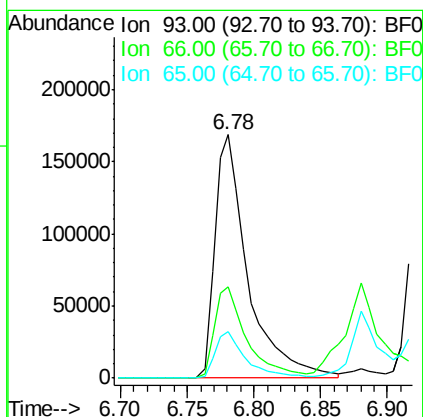
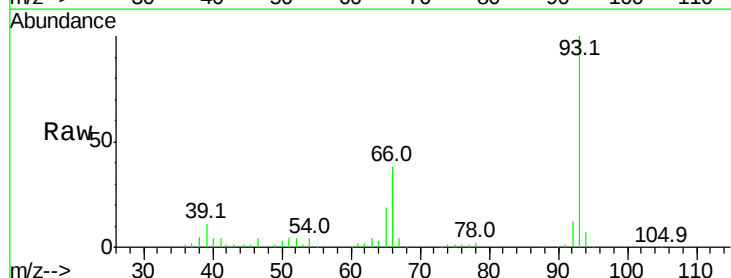
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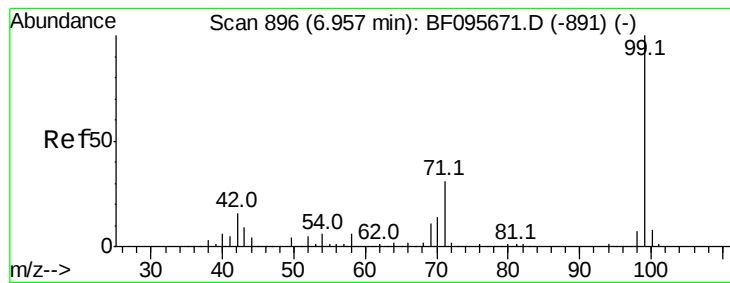
Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	93	Resp:	292372
Ion Ratio	Lower	Upper	
93	100		
66	37.6	32.9	49.3
65	19.0	16.0	24.0





#7

Phenol-d6

Concen: 118.78 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

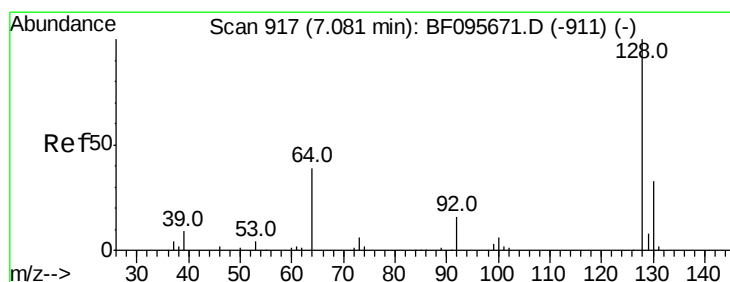
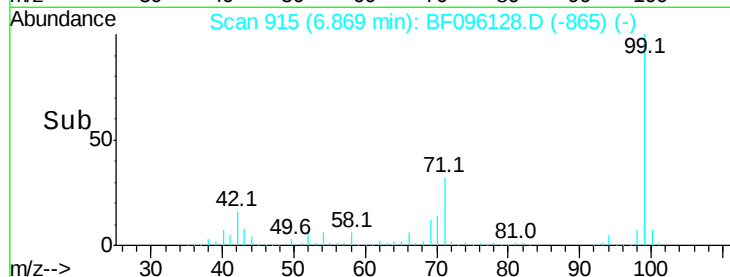
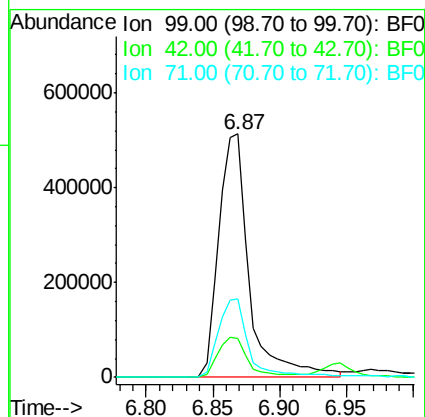
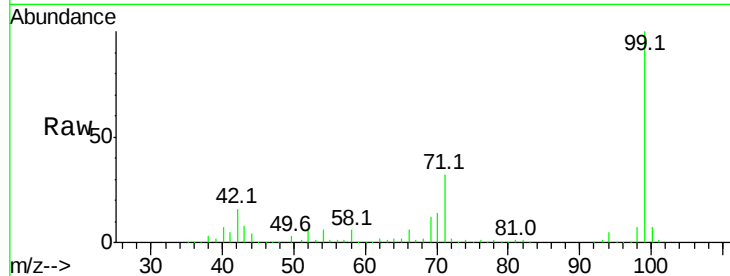
GHD-SB-020304-0-11MS

Tot Ion:	99	Resp:	832036
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	32.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 44.15 ng

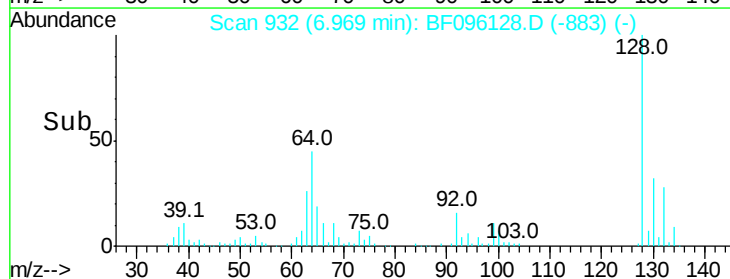
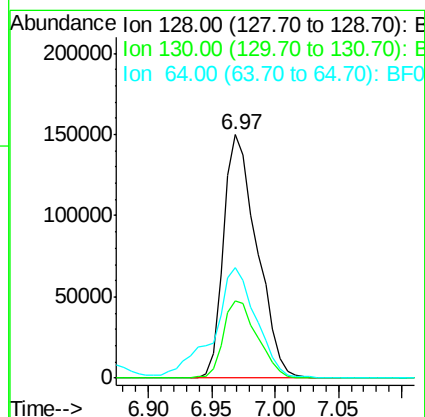
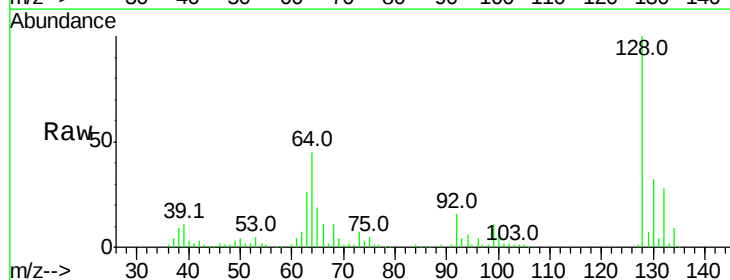
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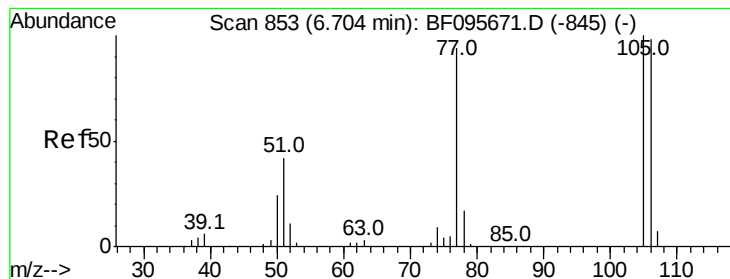
Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	128	Resp:	274647
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	45.4	28.4	68.4





#9

Benzaldehyde

Concen: 14.39 ng

RT: 6.60 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

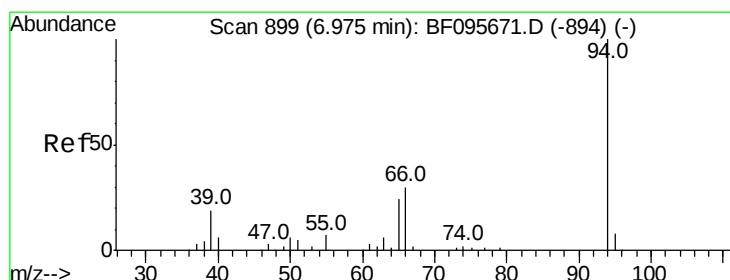
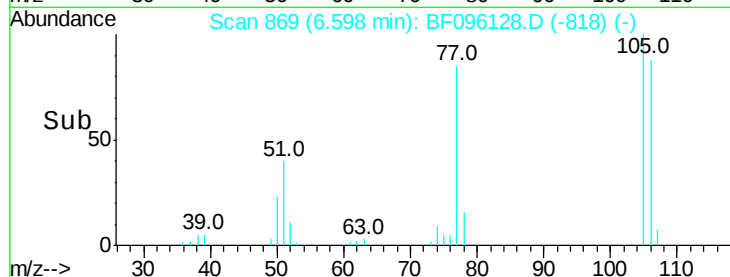
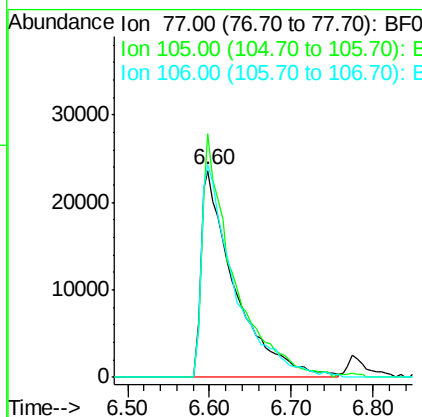
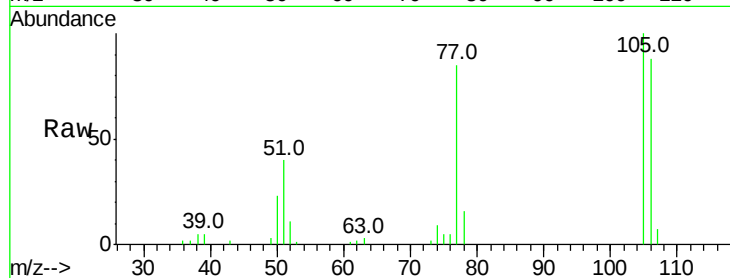
GHD-SB-020304-0-11MS

Tot Ion:	77	Resp:	67994
Ion	Ratio	Lower	Upper
77	100		
105	117.8	83.8	123.8
106	103.1	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 46.35 ng

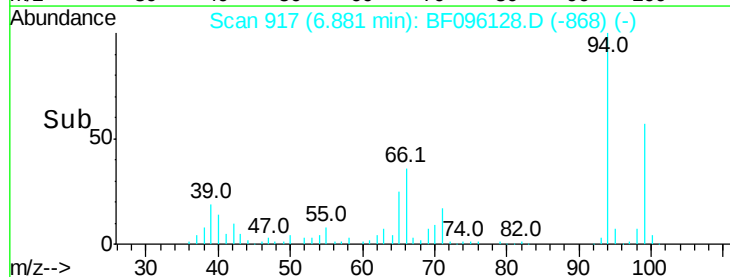
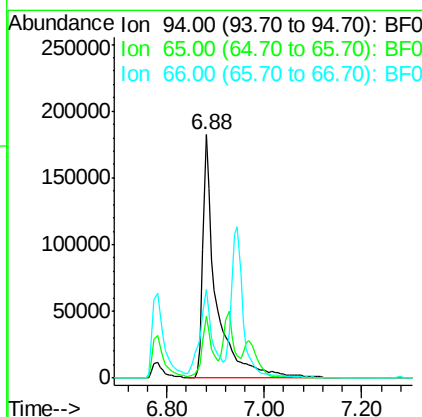
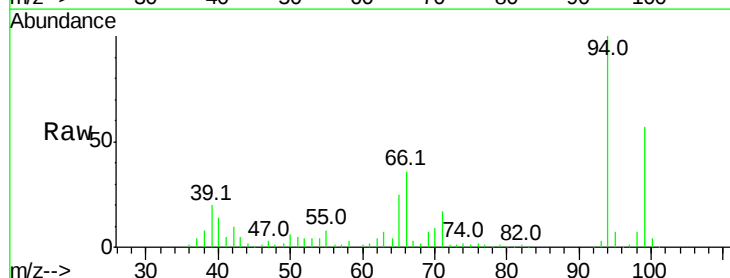
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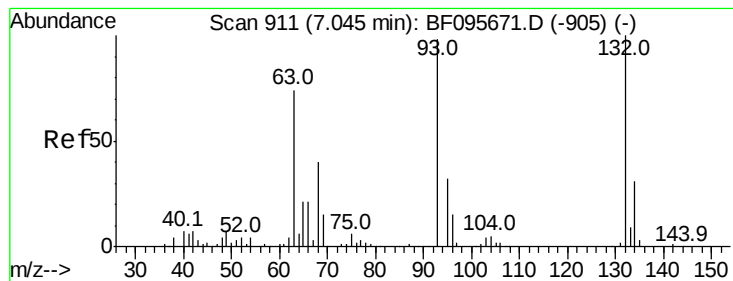
Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	94	Resp:	336824
Ion	Ratio	Lower	Upper
94	100		
65	25.4	9.9	49.9
66	36.2	23.1	63.1





#11
 bis(2-Chloroethyl)ether
 Concen: 39.05 ng
 RT: 6.93 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

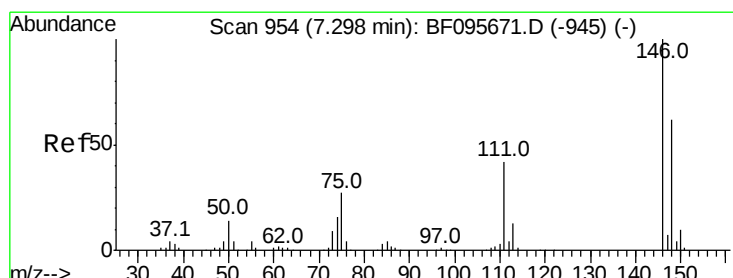
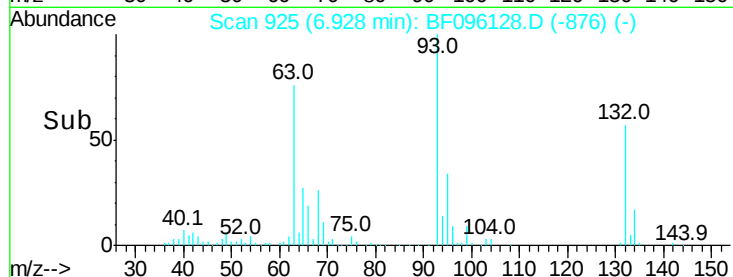
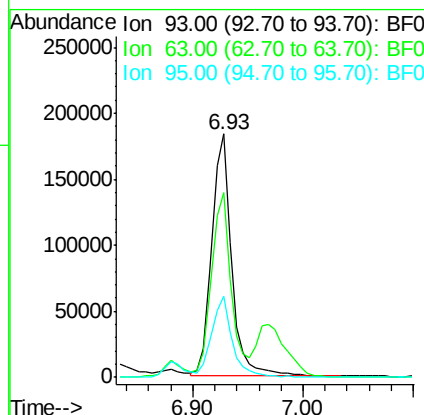
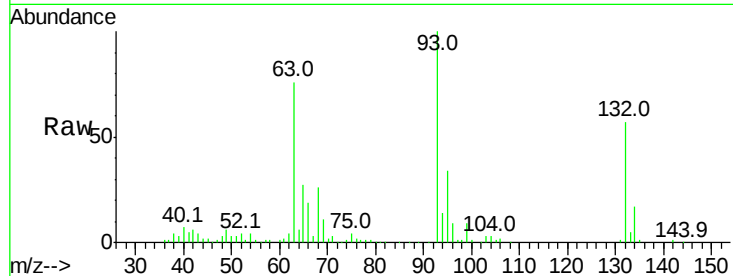
Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MS

Tot Ion:	93	Resp:	224801
Ion Ratio	Lower	Upper	
93	100		
63	76.0	59.2	99.2
95	33.5	12.8	52.8

Manual Integrations
 APPROVED

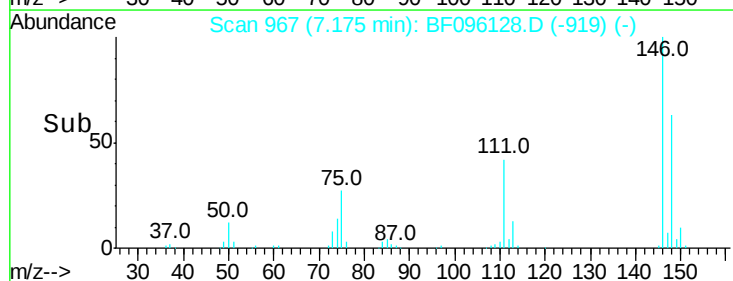
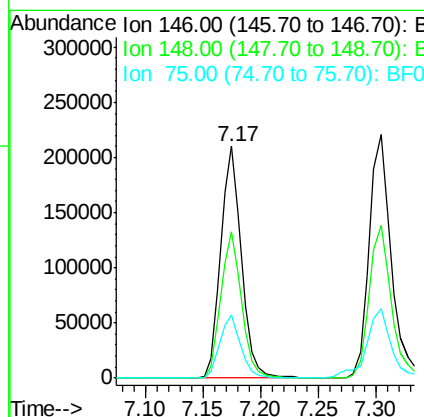
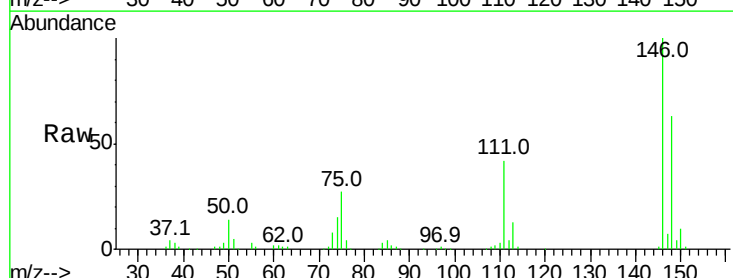
mohammad

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#12
 1,3-Dichlorobenzene
 Concen: 37.07 ng
 RT: 7.17 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

Tgt Ion:	146	Resp:	261041
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.6
75	27.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 42.07 ng

RT: 7.30 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

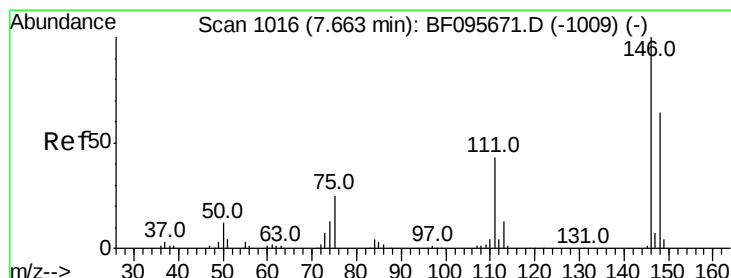
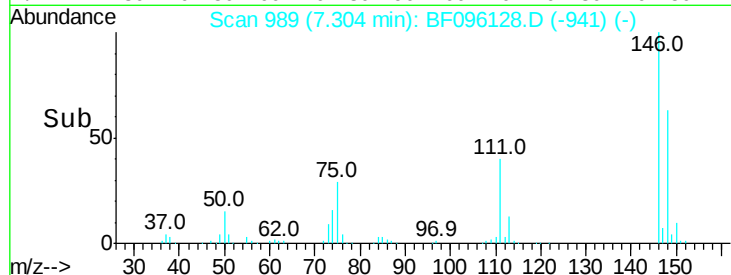
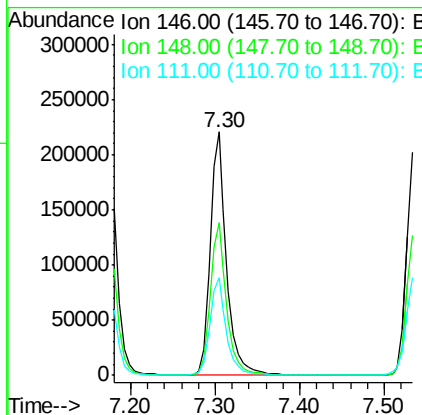
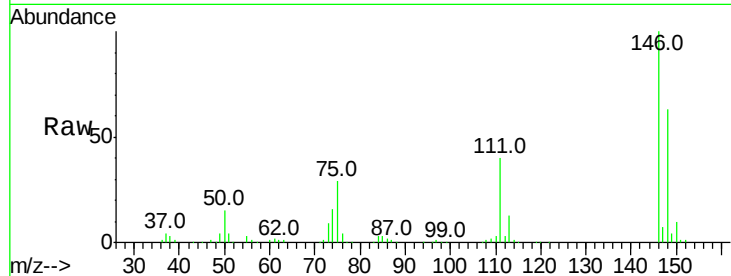
GHD-SB-020304-0-11MS

Tot Ion:	146	Resp:	300418
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.2
111	40.3	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.97 ng

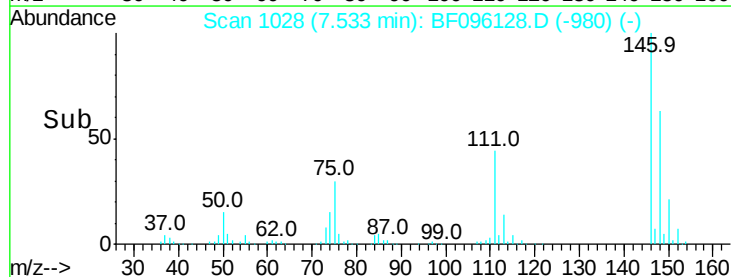
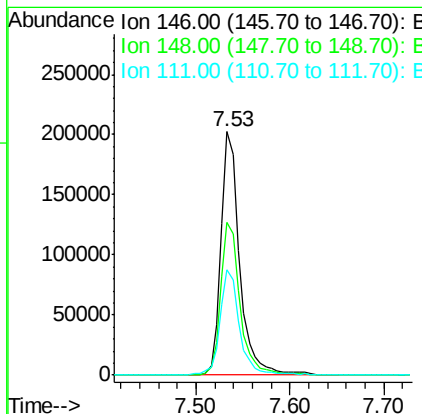
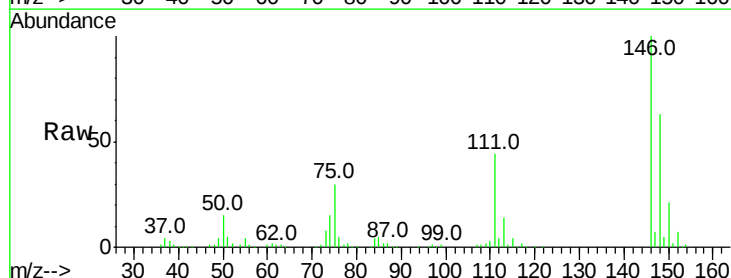
RT: 7.53 min Scan# 1028

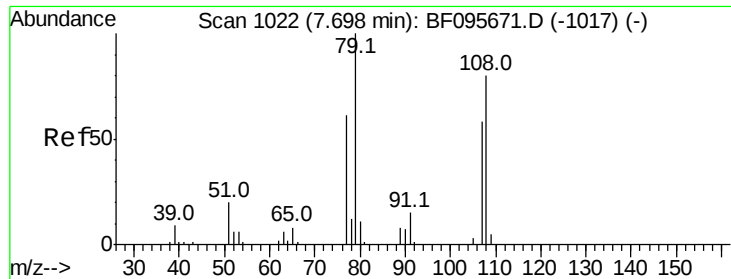
Delta R.T. -0.02 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	146	Resp:	282892
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.4	75.6
111	43.5	38.2	57.4





#15
Benzyl Alcohol
Concen: 44.83 ng
RT: 7.60 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

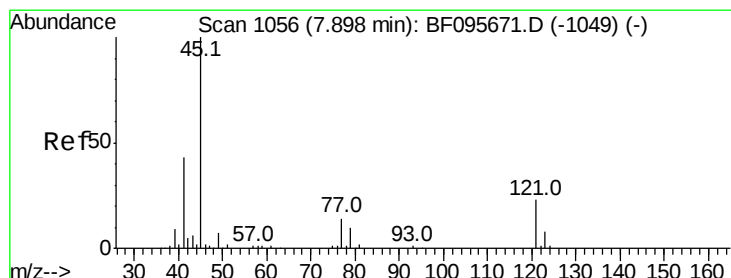
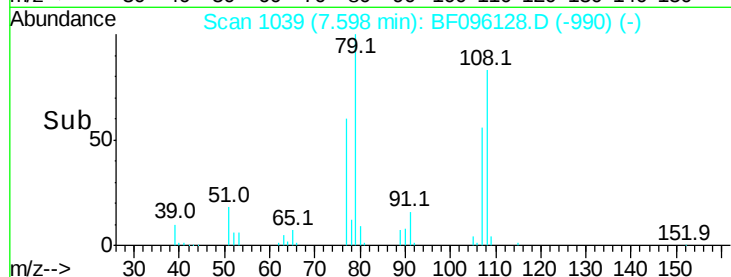
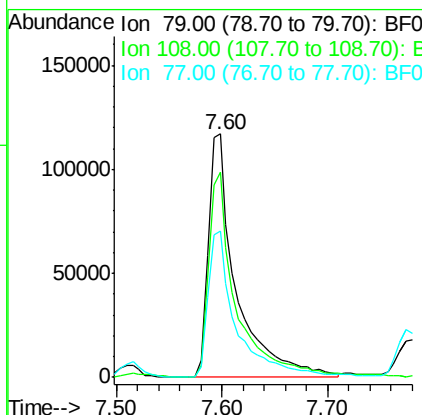
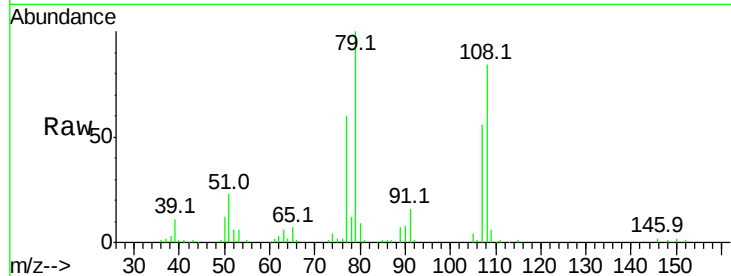
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion:	79	Resp:	215522
Ion Ratio	Lower	Upper	
79	100		
108	84.1	63.4	95.0
77	60.0	49.2	73.8

Manual Integrations
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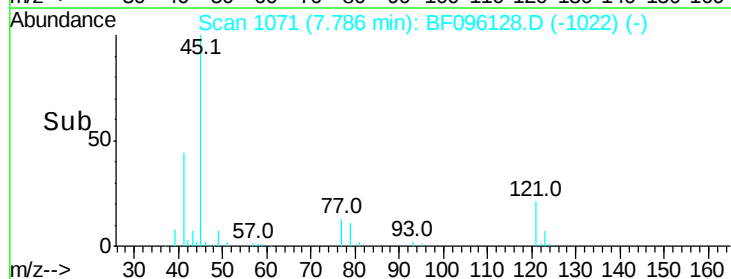
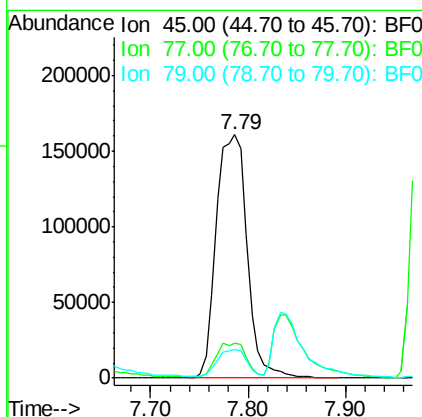
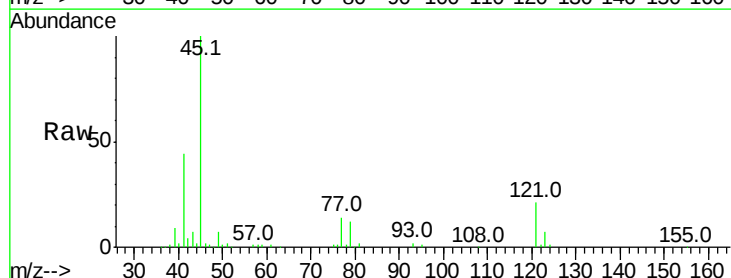
mohammad

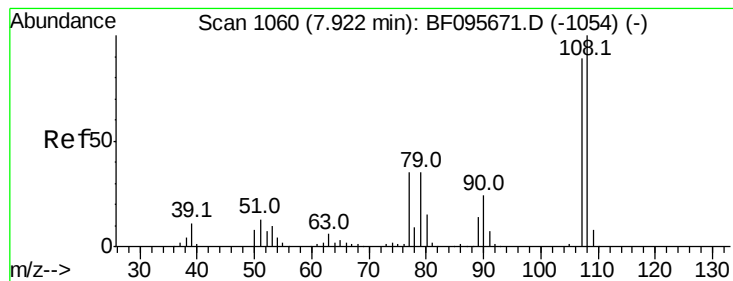
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.72 ng
RT: 7.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion:	45	Resp:	353584
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	33.2
79	11.7	0.0	30.0





#17
2-Methylphenol
Concen: 43.75 ng
RT: 7.83 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

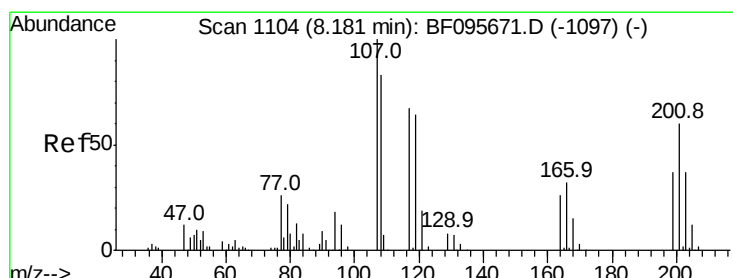
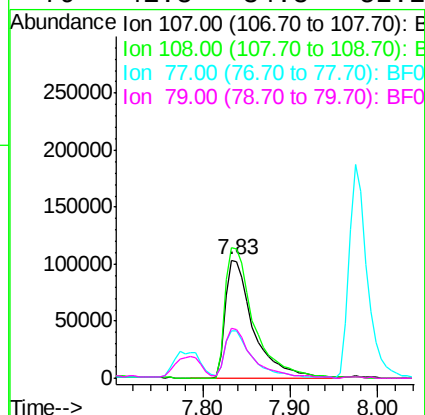
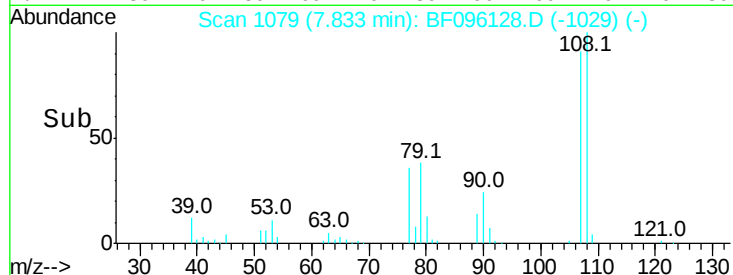
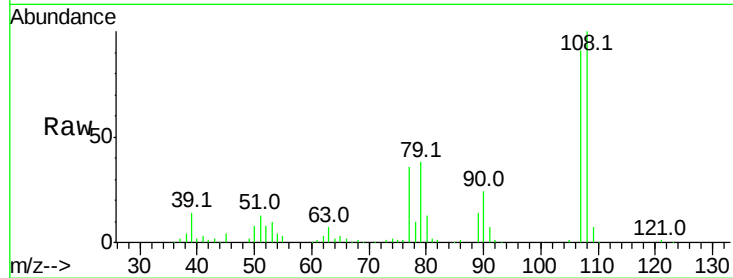
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	107	Resp	228414
Ion Ratio	Lower	Upper	
107	100		
108	110.2	93.4	140.0
77	40.2	35.8	53.6
79	41.8	34.8	52.2

Manual Integrations
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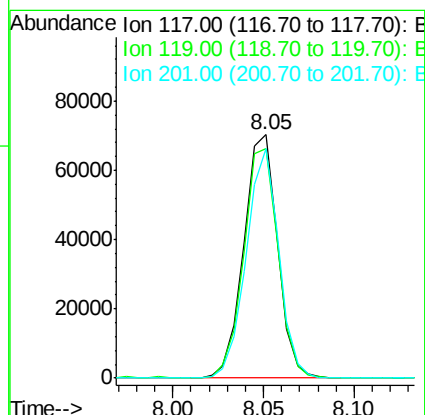
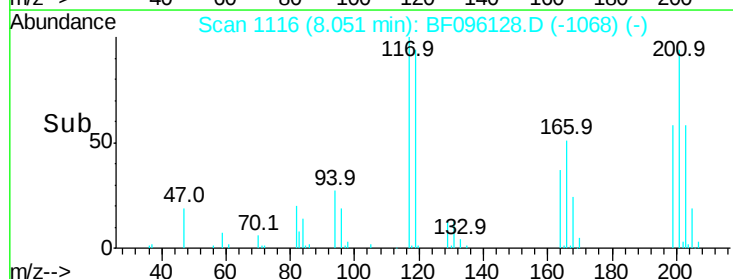
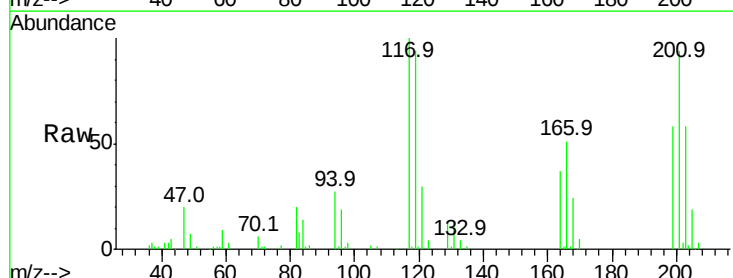
mohammad

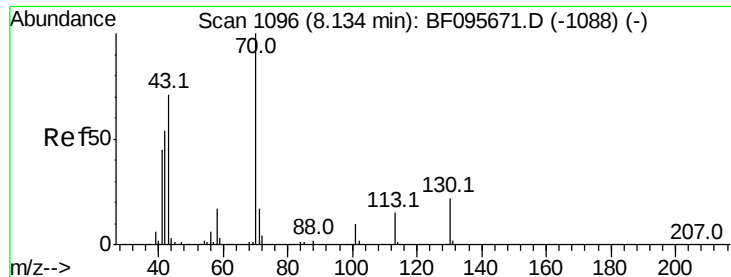
6/26/2017 8:27:57 AM



#18
Hexachloroethane
Concen: 38.68 ng
RT: 8.05 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	117	Resp	91217
Ion Ratio	Lower	Upper	
117	100		
119	94.4	77.4	116.0
201	94.2	94.6	141.8#





#19
n-Nitroso-di-n-propylamine
Concen: 44.57 ng
RT: 8.02 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

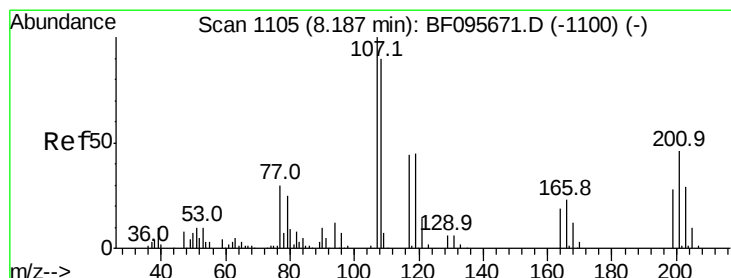
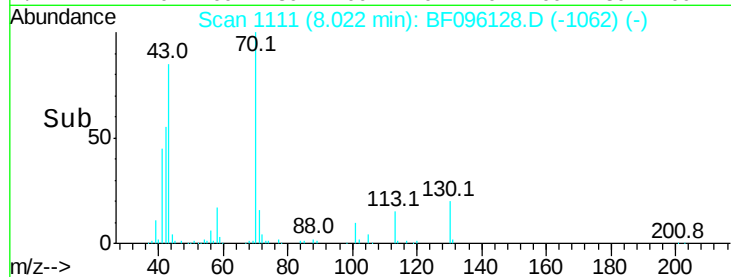
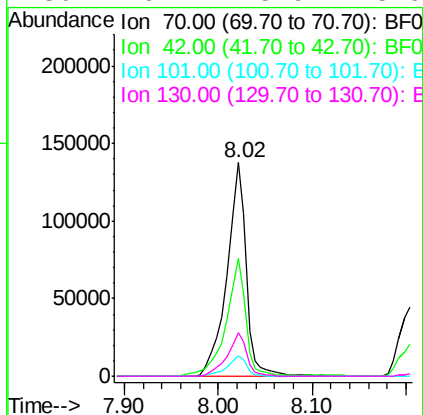
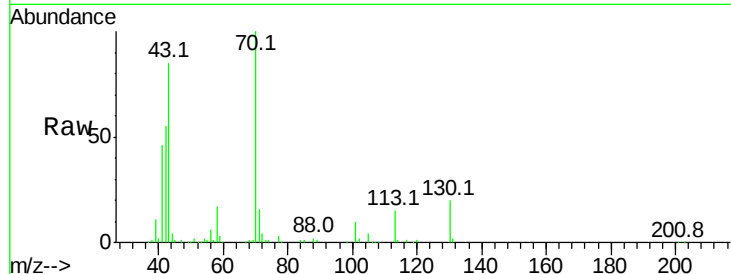
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	47.2	70.8	
101	9.7	7.2	10.8	
130	20.4	15.9	23.9	

Manual Integrations
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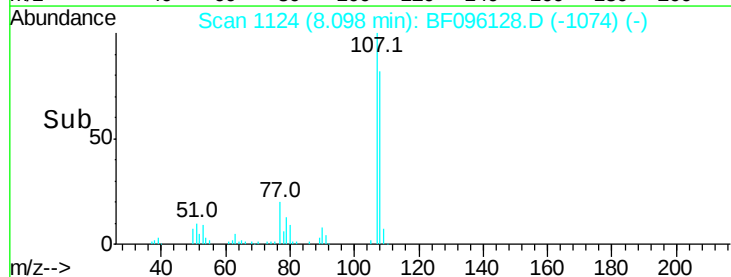
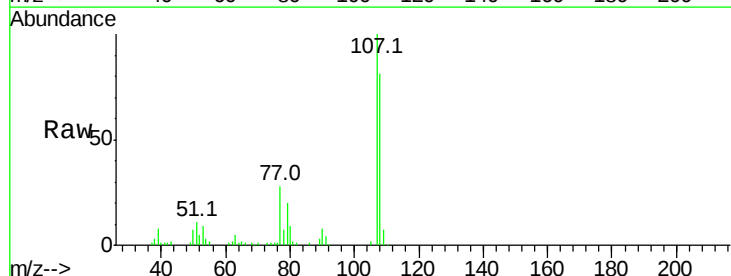
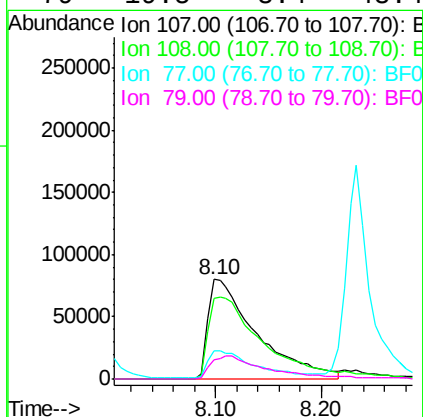
mohammad

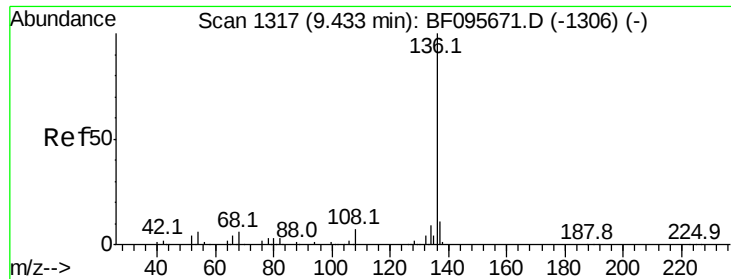
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#20
3+4-Methylphenols
Concen: 38.52 ng
RT: 8.10 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.5	71.0	111.0	
77	28.4	90.5	130.5#	
79	19.5	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: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

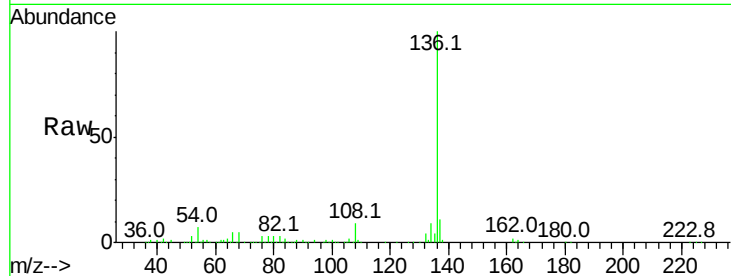
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	7.1	4.9	7.3	
68	5.3	4.1	6.1	

Manual Integrations
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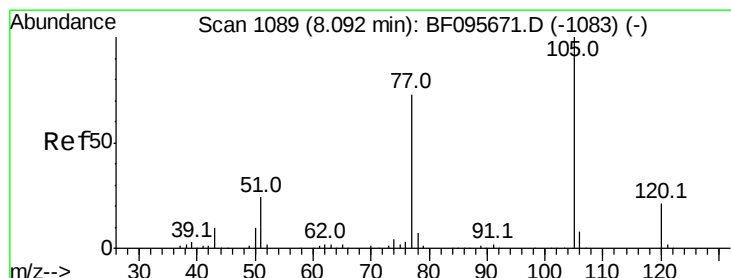
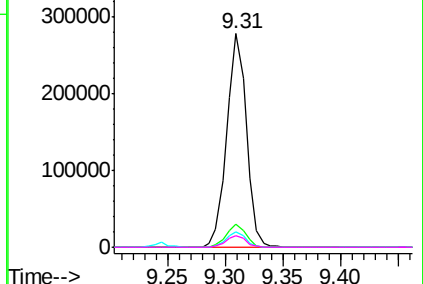
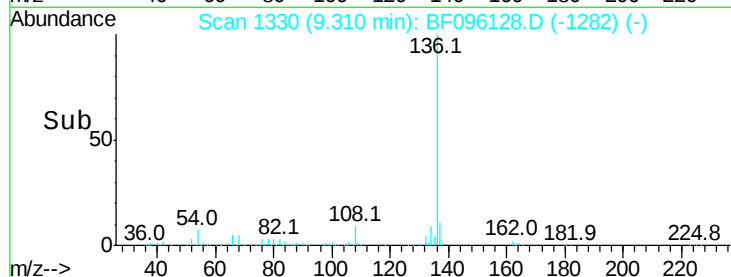


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.07 ng

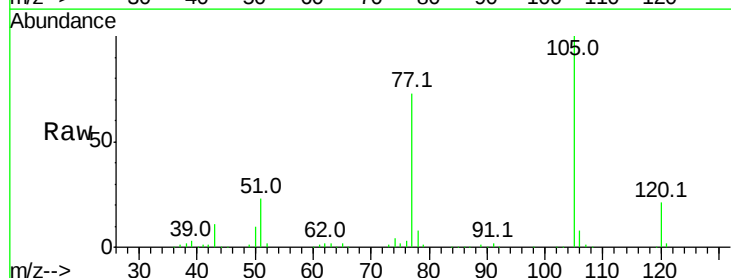
RT: 7.97 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.4	30.7	46.1#	
120	20.7	17.4	26.0	

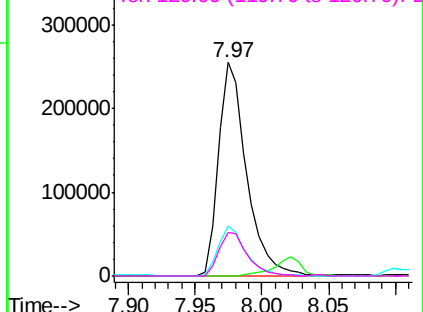
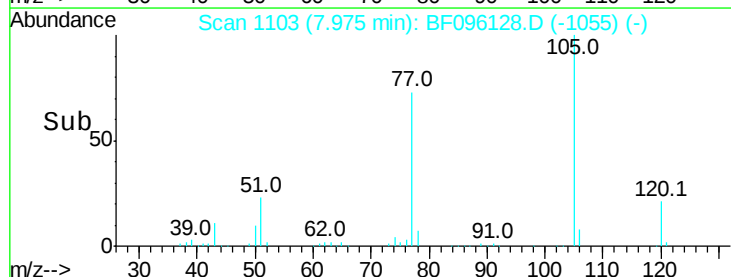


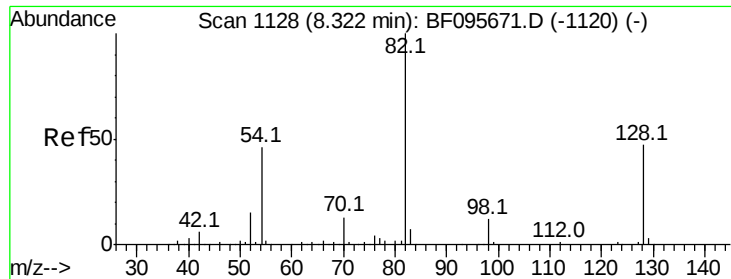
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23
Nitrobenzene-d5
Concen: 96.69 ng
RT: 8.20 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

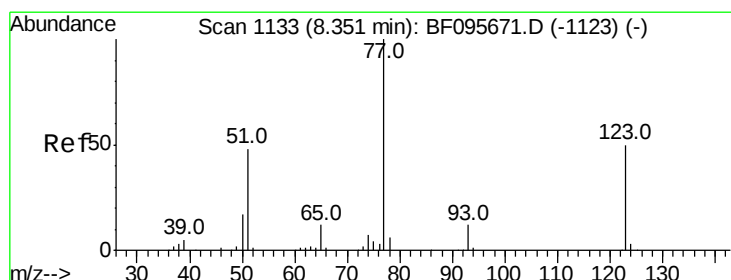
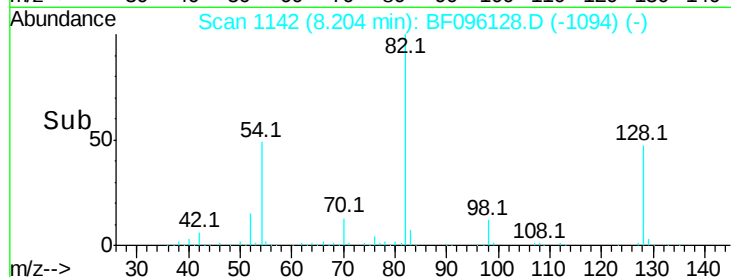
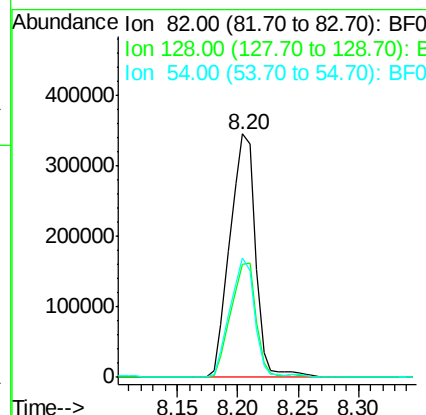
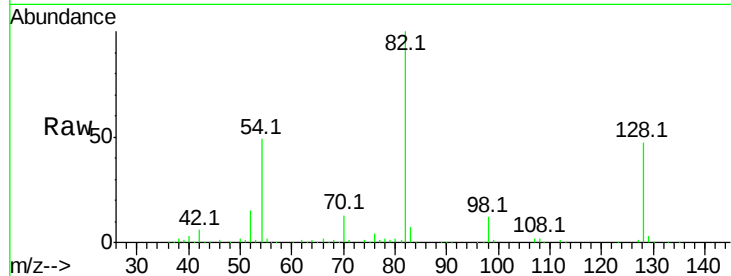
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	48.8	42.2	63.2	

Manual Integrations
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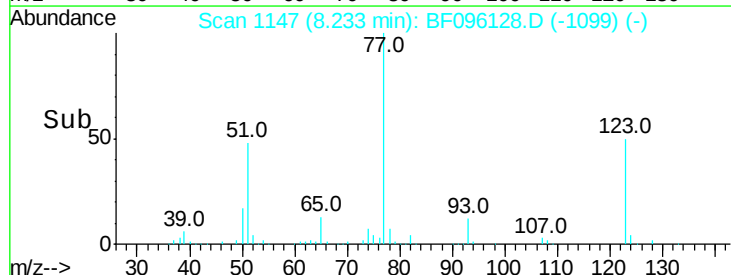
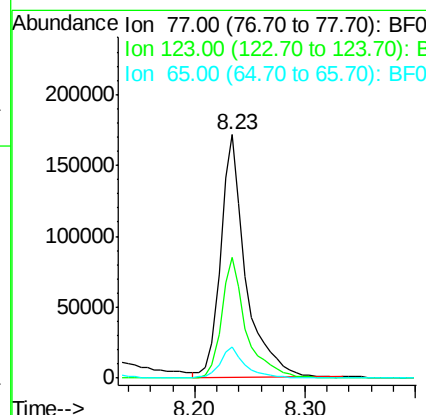
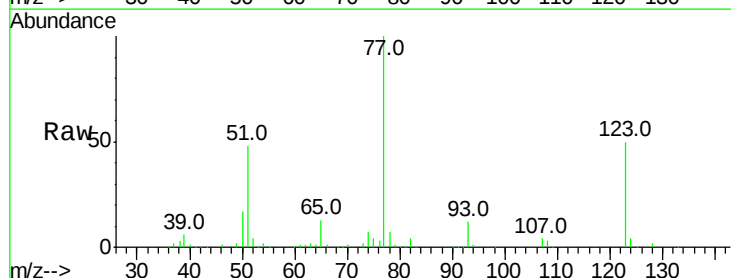
mohammad

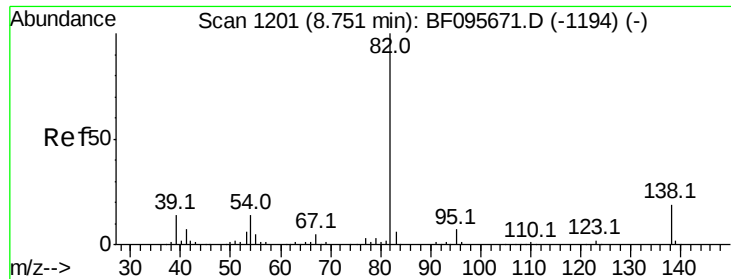
6/26/2017 8:27:57 AM



#24
Nitrobenzene
Concen: 47.30 ng
RT: 8.23 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.7	35.8	53.8	
65	12.7	10.6	15.8	





#25

Isophorone

Concen: 48.93 ng

RT: 8.64 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

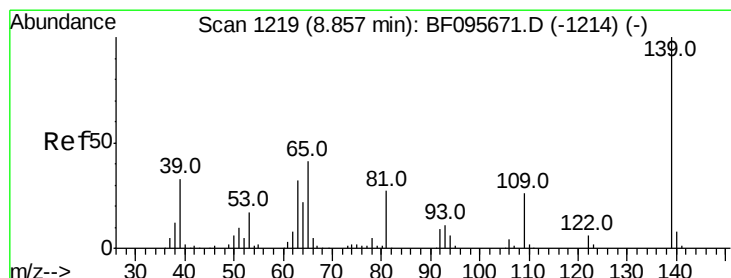
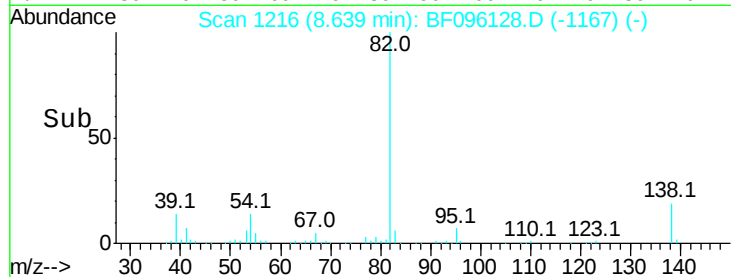
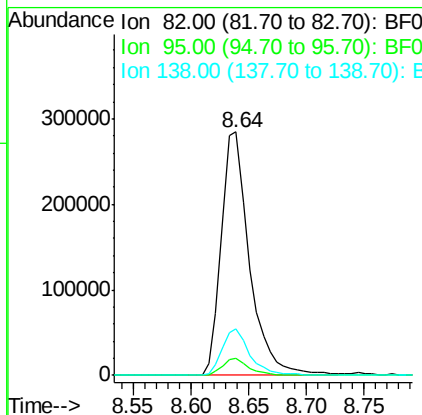
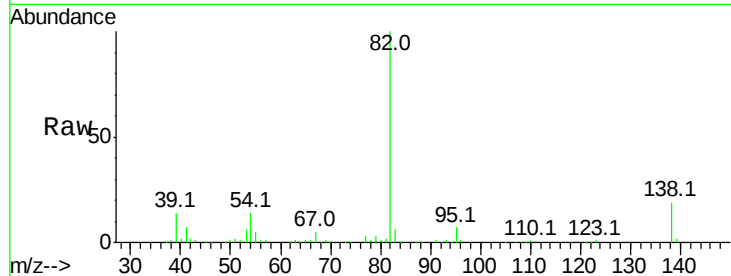
GHD-SB-020304-0-11MS

Tot Ion:	82	Resp:	484351
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.26 ng

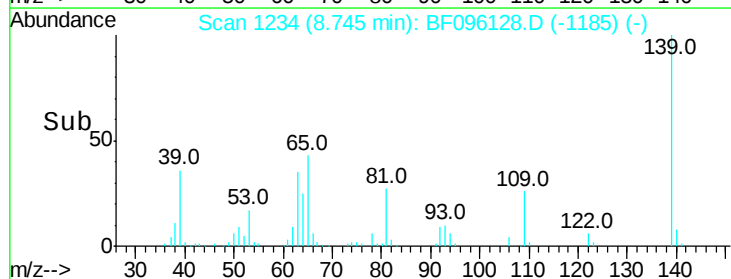
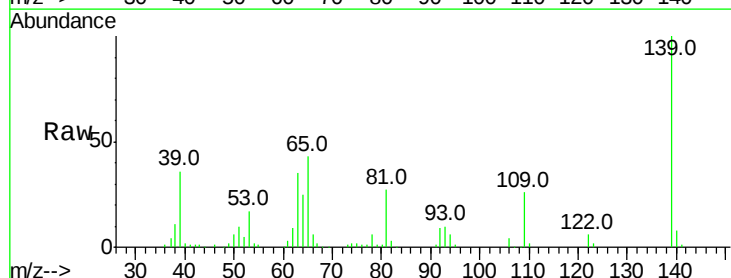
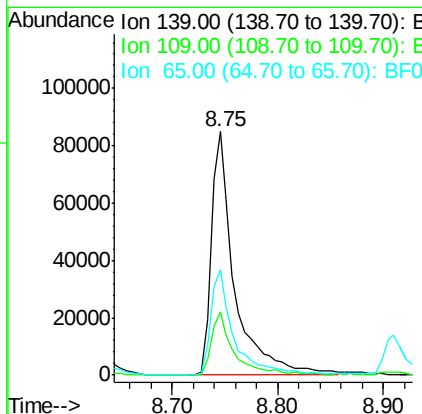
RT: 8.75 min Scan# 1234

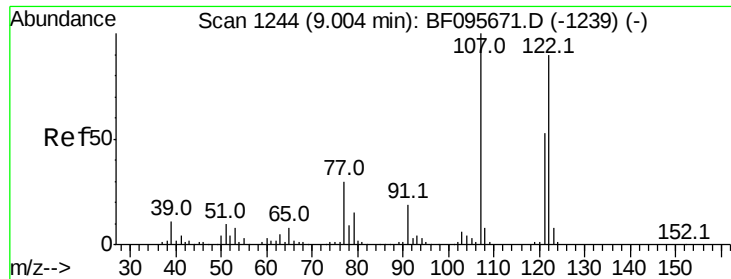
Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	139	Resp:	131268
Ion Ratio	Lower	Upper	
139	100		
109	25.7	21.0	31.6
65	43.1	33.0	49.6





#27
 2,4-Dimethylphenol
 Concen: 51.90 ng
 RT: 8.91 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

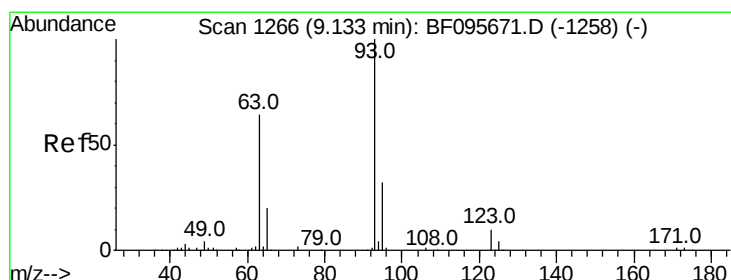
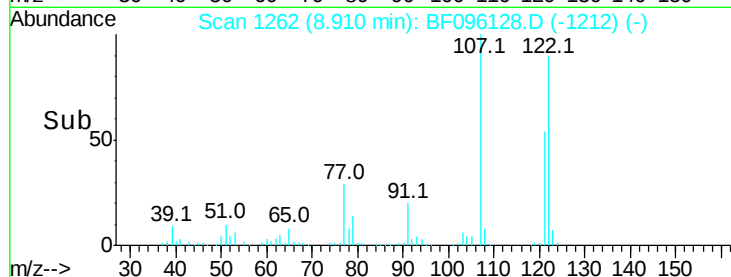
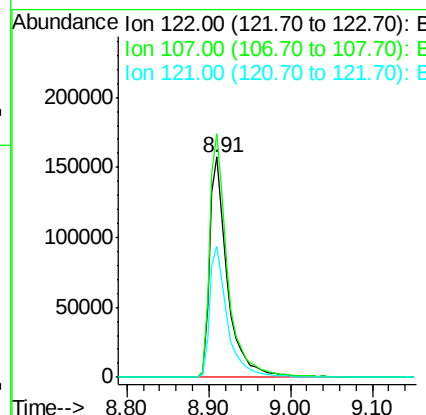
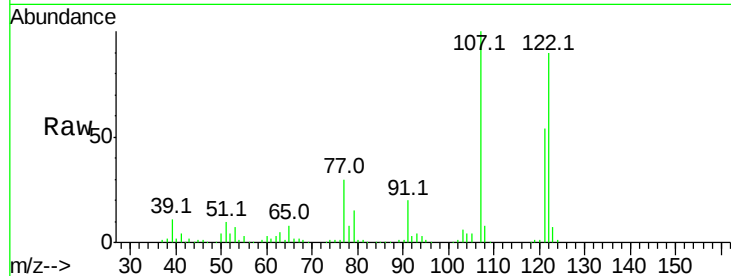
Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MS

Tot Ion:	122	Resp:	238874
Ion Ratio	Lower	Upper	
122	100		
107	110.6	89.2	133.8
121	59.7	45.2	67.8

Manual Integrations
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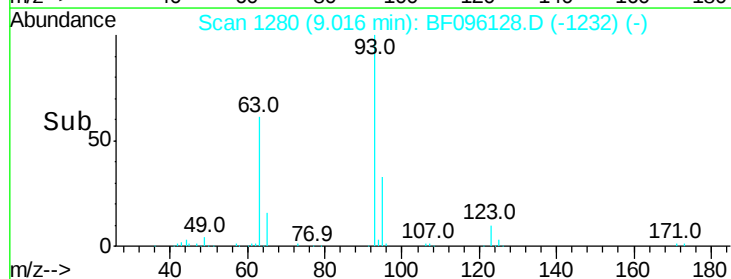
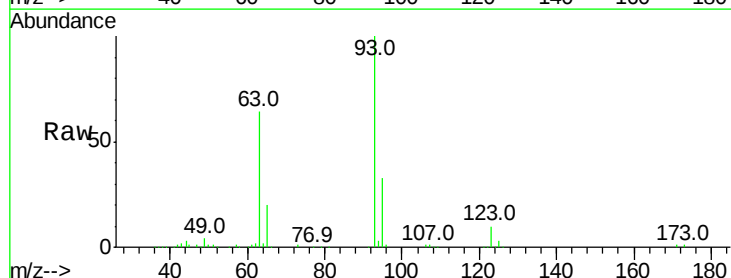
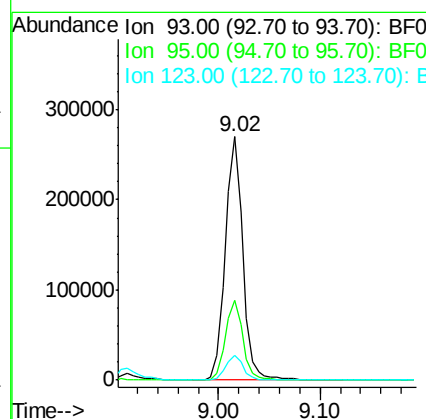
mohammad

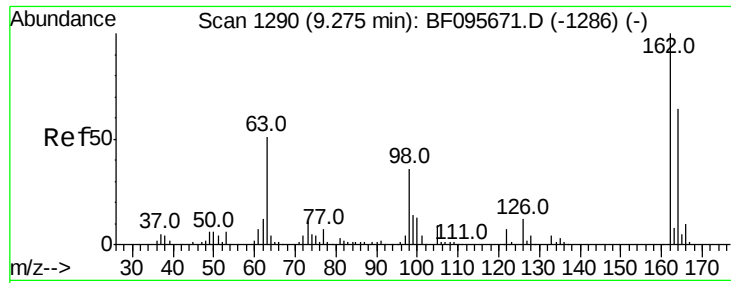
6/26/2017 8:27:57 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.67 ng
 RT: 9.02 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

Tgt Ion:	93	Resp:	324111
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	10.2	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 43.17 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

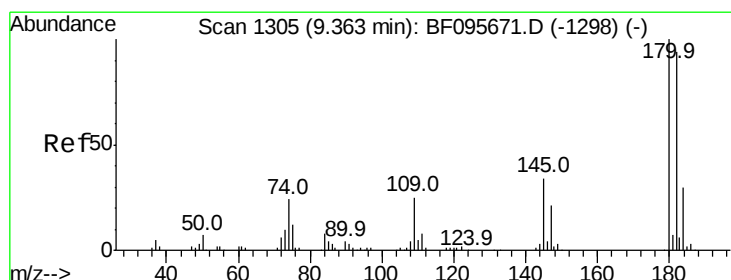
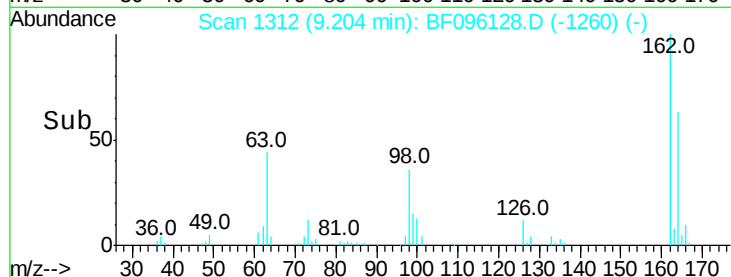
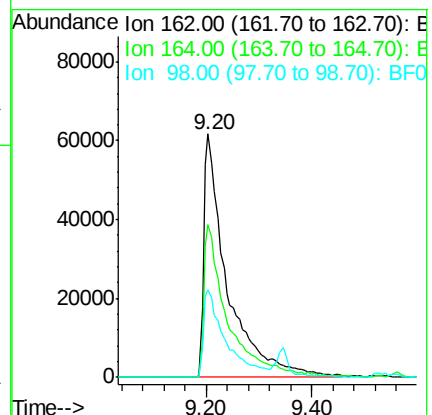
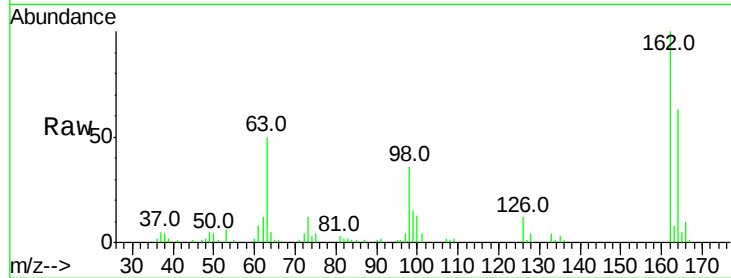
Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	191341		
164	62.5		44.6	84.6
98	36.0		14.8	54.8

Manual Integrations
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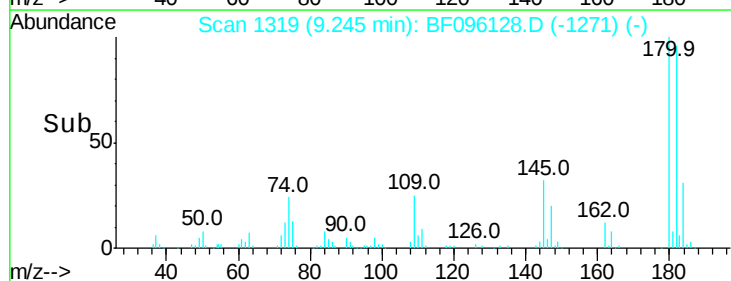
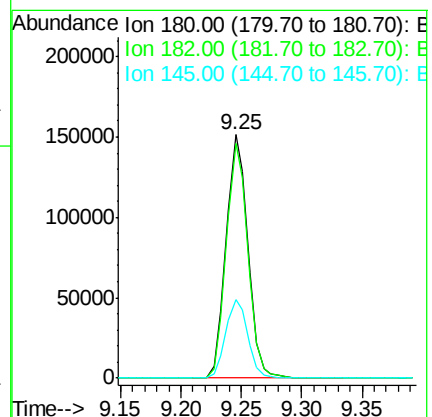
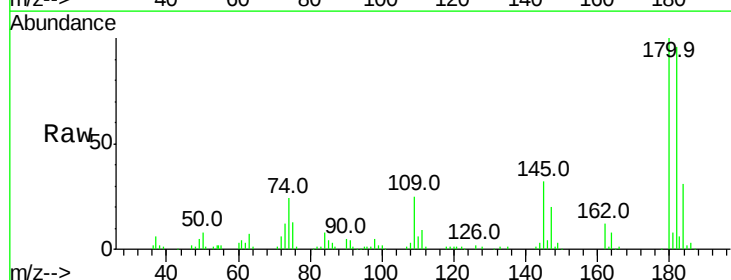
mohammad

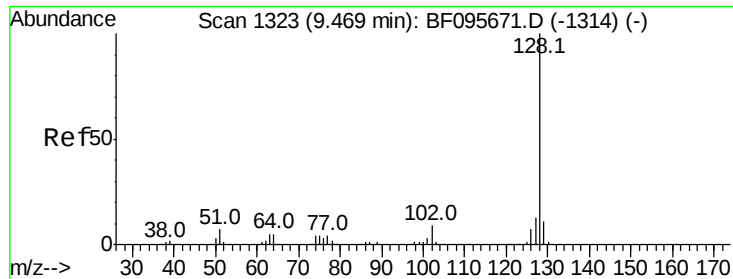
6/26/2017 8:27:57 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.95 ng
 RT: 9.25 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	188868		
182	96.3		75.8	113.6
145	32.2		25.3	37.9





#31
Naphthalene
Concen: 41.71 ng
RT: 9.35 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

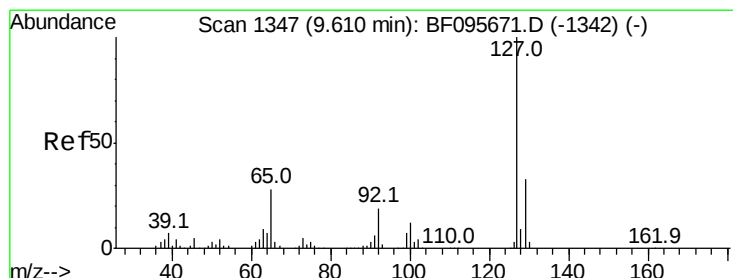
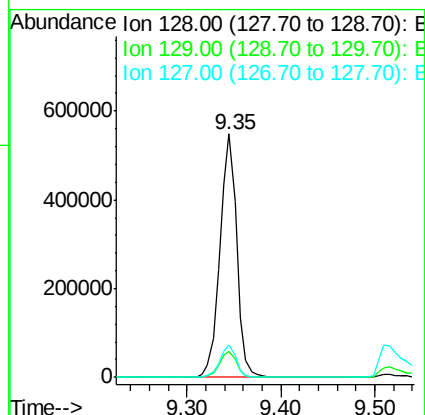
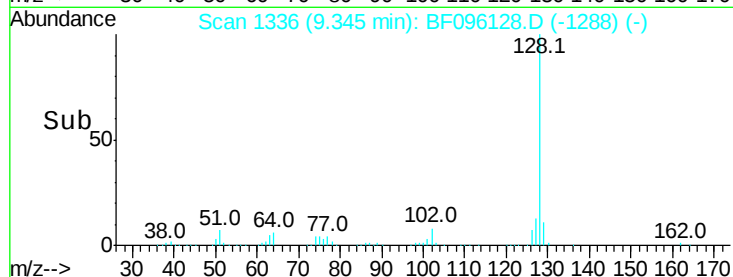
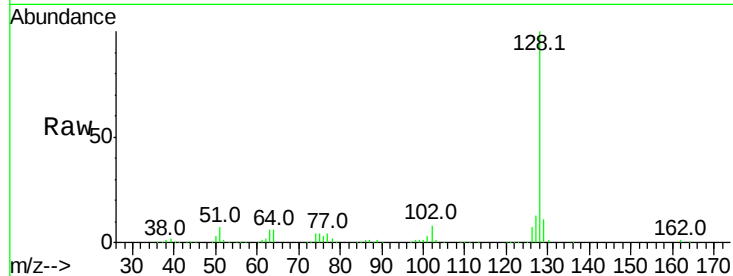
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.2	10.8	16.2

Manual Integrations
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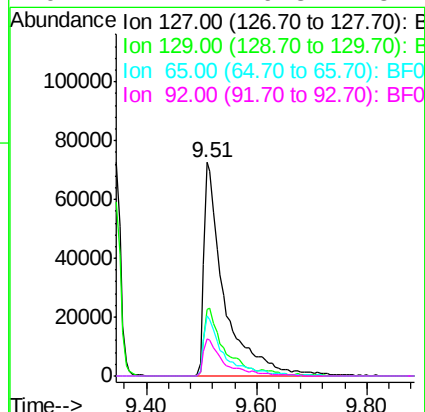
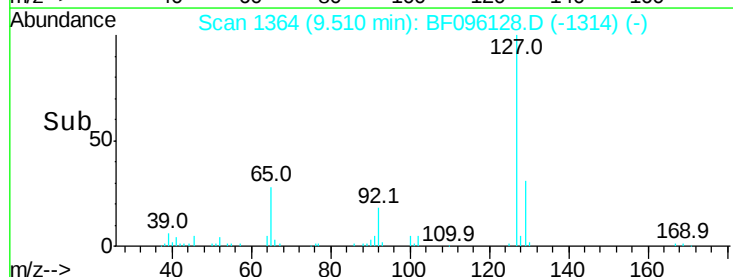
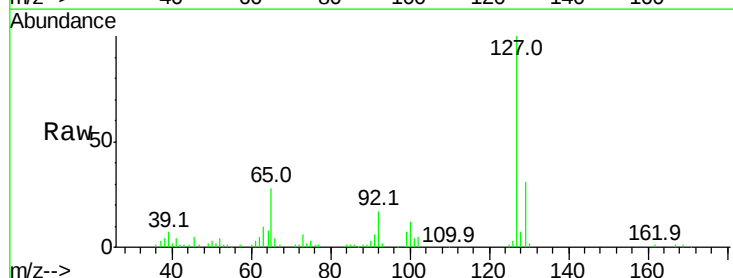
mohammad

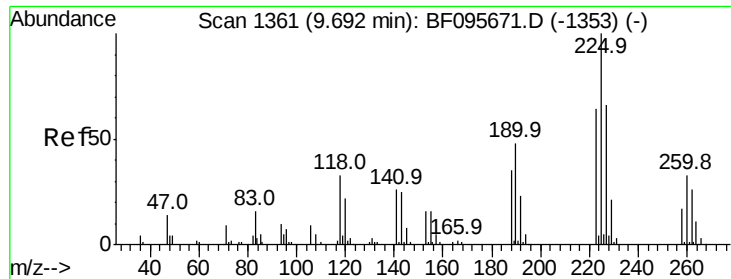
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#33
4-Chloroaniline
Concen: 28.71 ng
RT: 9.51 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	28.0	27.8	41.8
92	17.4	16.8	25.2





#34

Hexachlorobutadiene

Concen: 45.97 ng

RT: 9.56 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

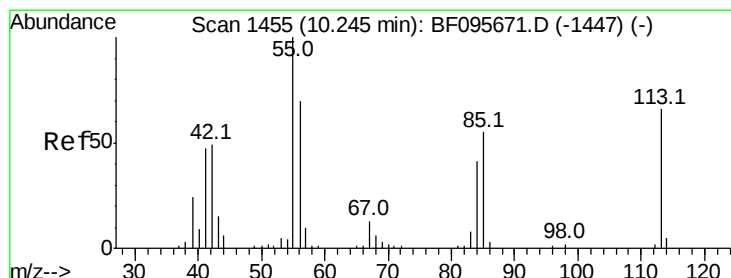
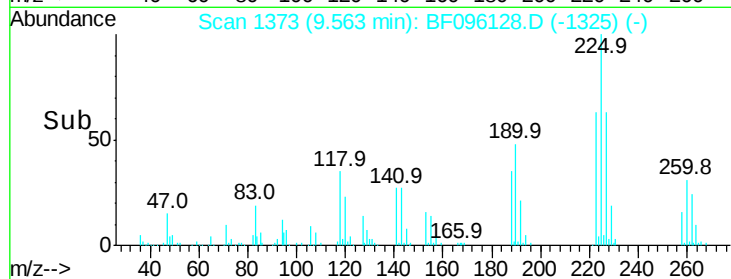
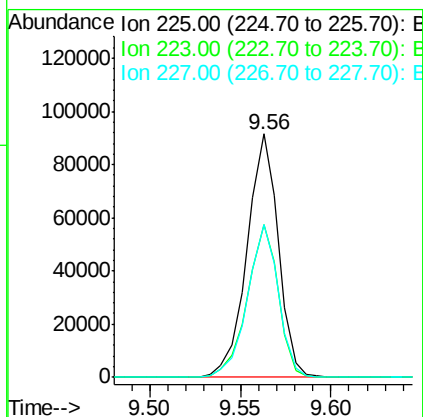
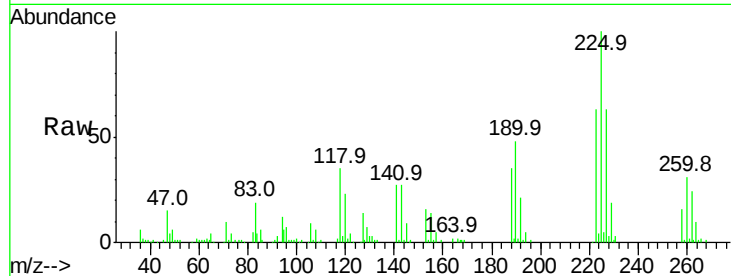
GHD-SB-020304-0-11MS

Tot Ion:	225	Resp:	109549
Ion Ratio	Lower	Upper	
225	100		
223	62.6	48.8	73.2
227	62.8	51.1	76.7

Manual Integrations
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#35

Caprolactam

Concen: 41.45 ng m

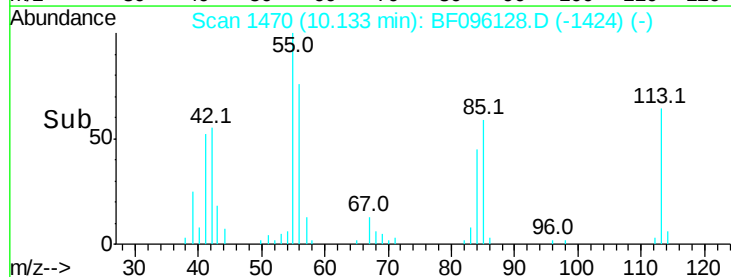
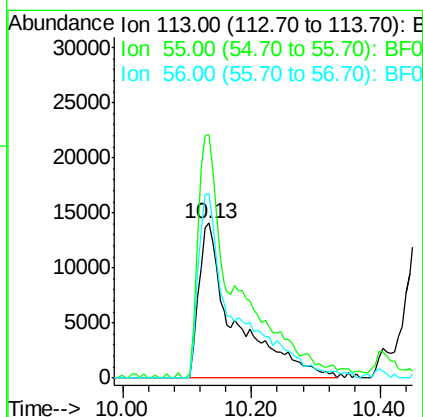
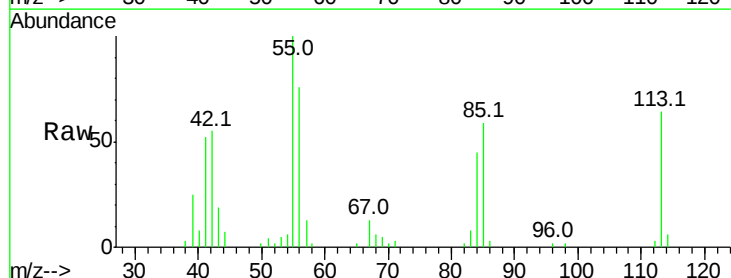
RT: 10.13 min Scan# 1470

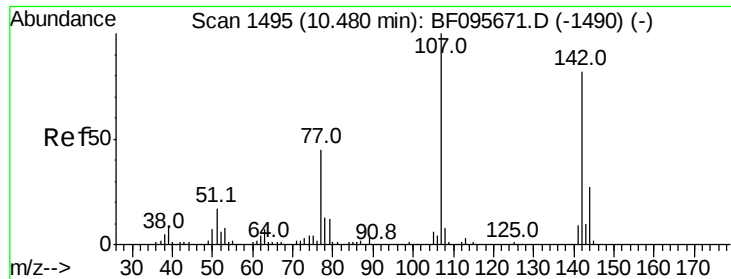
Delta R.T. -0.03 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	113	Resp:	54675
Ion Ratio	Lower	Upper	
113	100		
55	157.4	150.2	190.2
56	119.6	107.8	147.8





#36
 4-Chloro-3-methylphenol
 Concen: 40.43 ng
 RT: 10.40 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

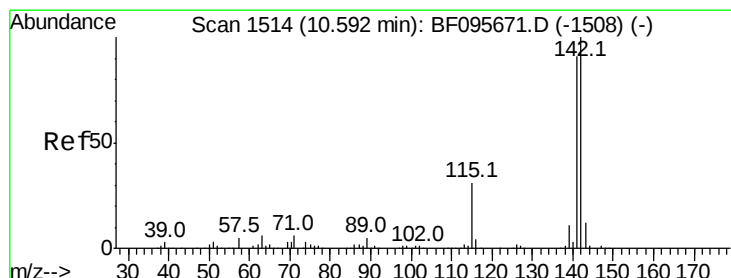
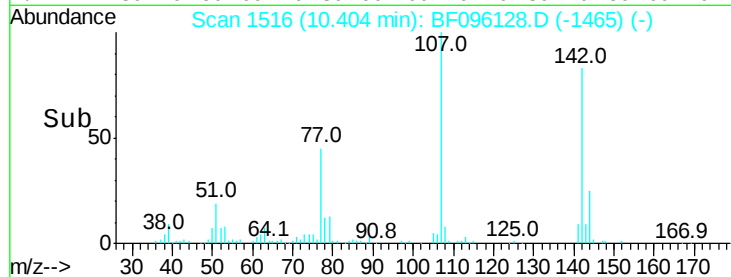
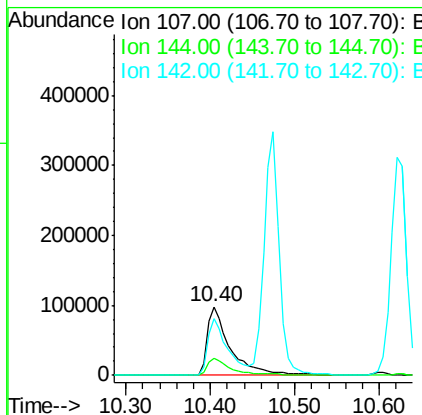
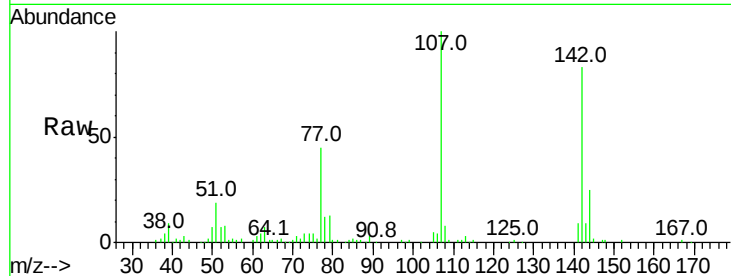
Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.3	24.2	36.4
142	83.1	73.4	110.0

Manual Integrations
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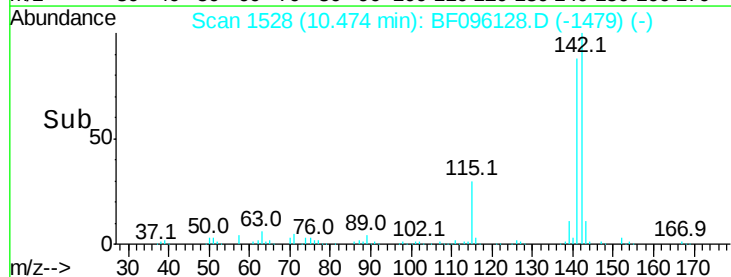
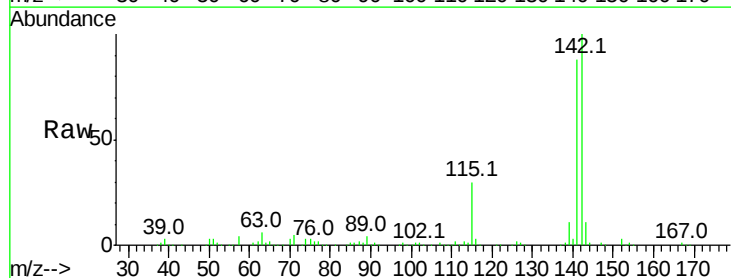
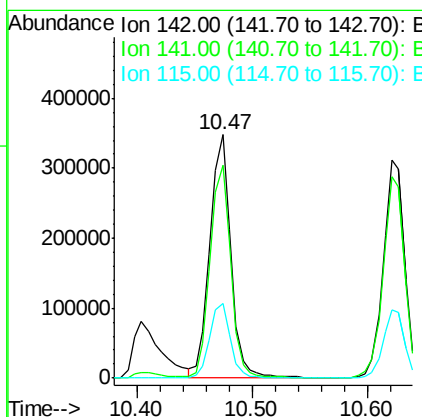
mohammad

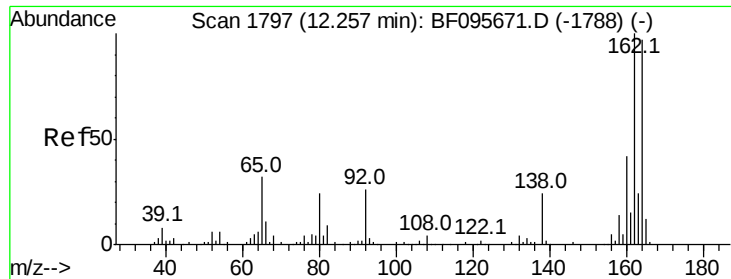
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#37
 2-Methylnaphthalene
 Concen: 39.68 ng
 RT: 10.47 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	30.5	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: BF096128.D
Acq: 22 Jun 2017 18:27

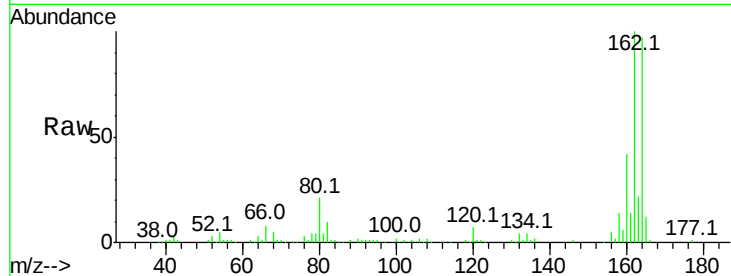
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	130195		
162	103.0	82.6	123.8	
160	43.1	36.2	54.2	

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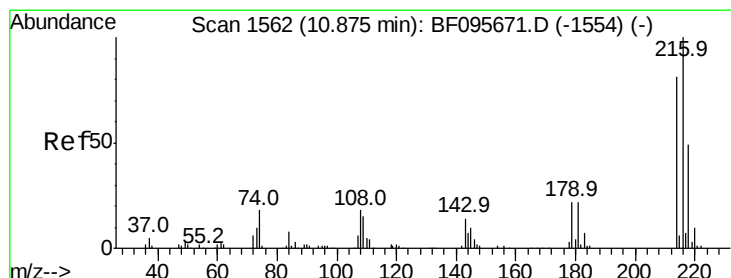
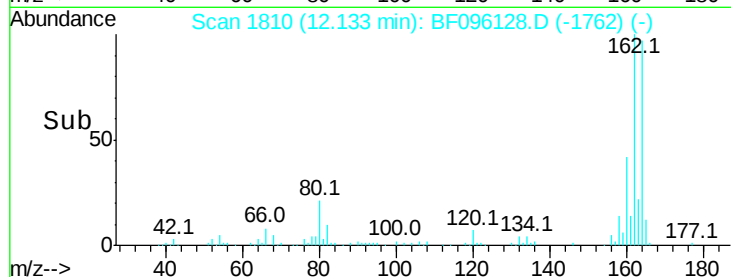
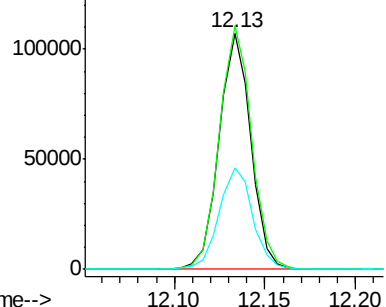


Abundance

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: 43.33 ng
RT: 10.76 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	168827		
214	77.8	63.4	95.2	
179	21.7	17.9	26.9	
108	18.0	16.5	24.7	

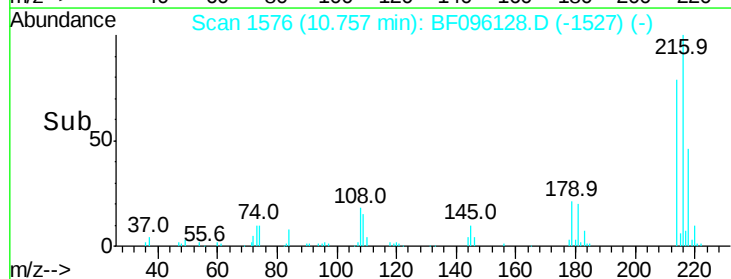
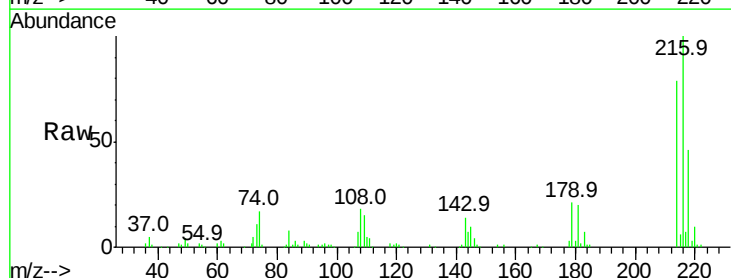
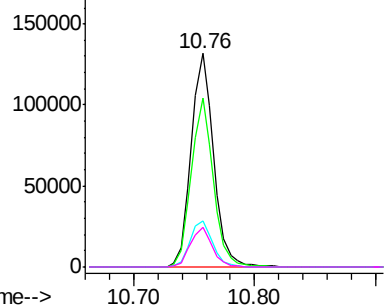
Abundance

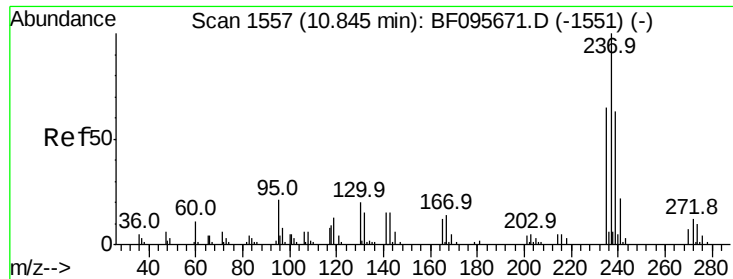
Ion 216.00 (215.70 to 216.70): E

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: 15.02 ng
RT: 10.72 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

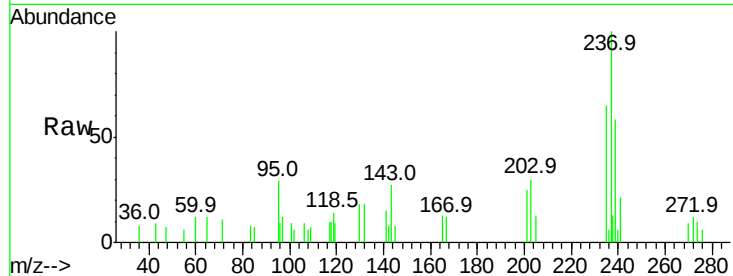
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.4	42.6	82.6	
272	12.3	0.0	31.9	

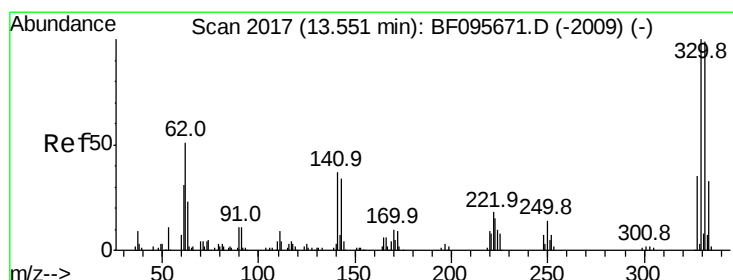
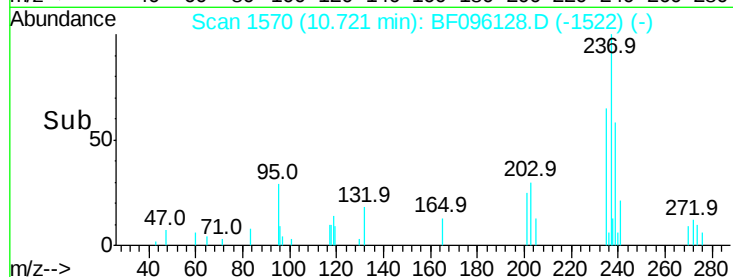
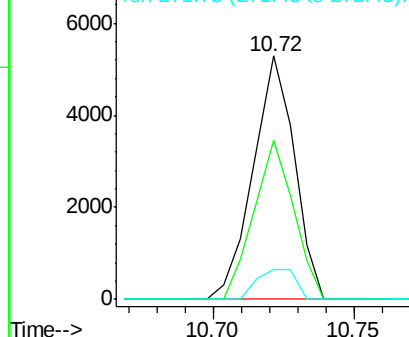
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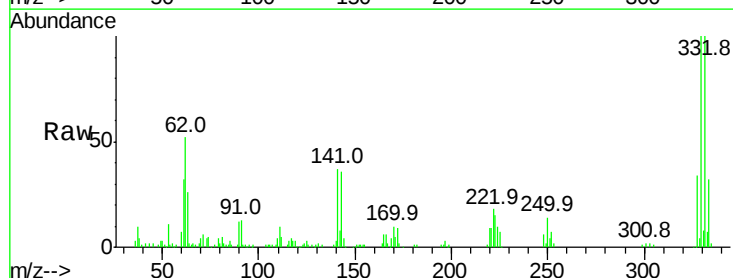


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

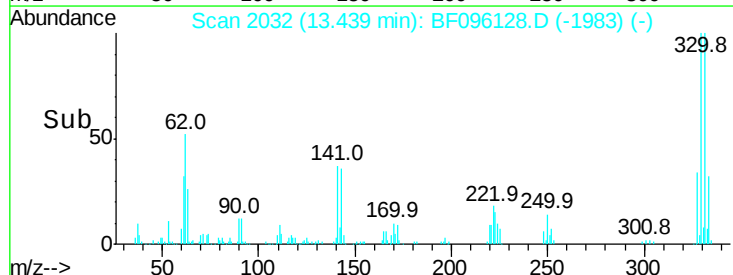
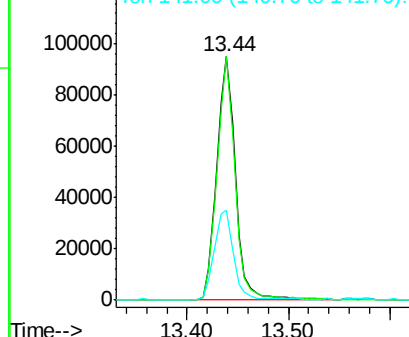


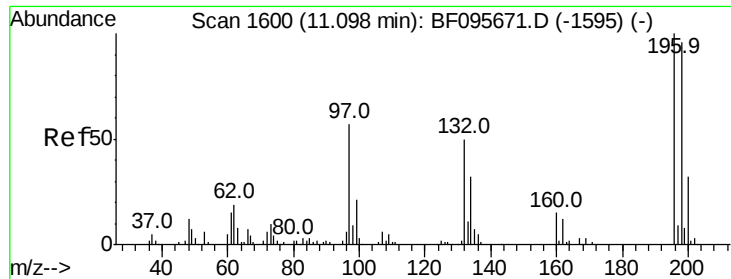
#41
2,4,6-Tribromophenol
Concen: 107.03 ng
RT: 13.44 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	76.6	115.0	
141	38.9	31.4	47.2	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42
2,4,6-Trichlorophenol
Concen: 44.34 ng
RT: 11.00 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

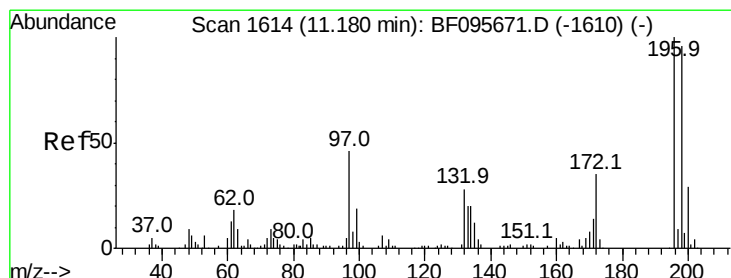
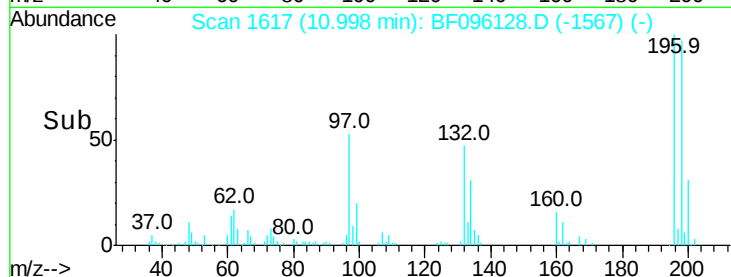
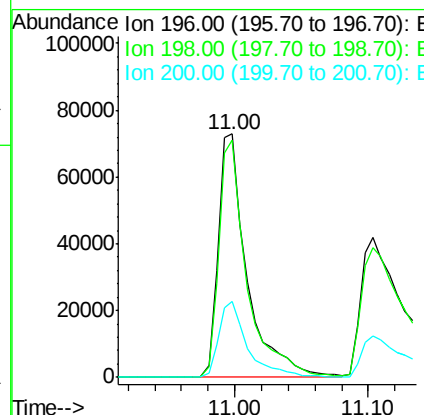
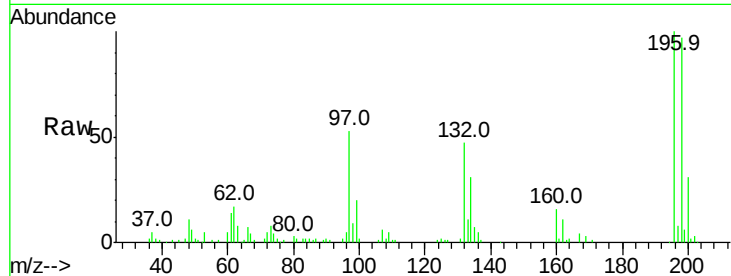
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111082		
198	97.3	74.2	111.4	
200	31.2	24.0	36.0	

Manual Integrations
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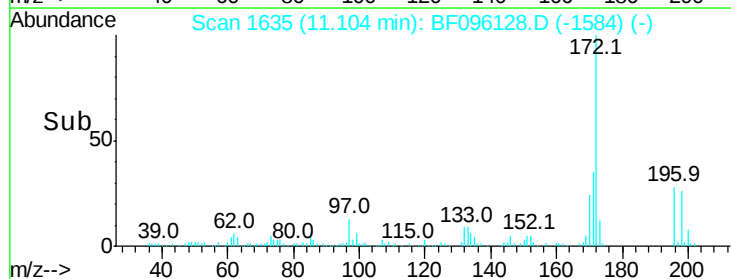
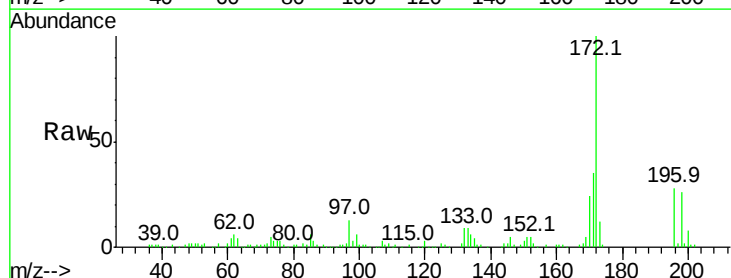
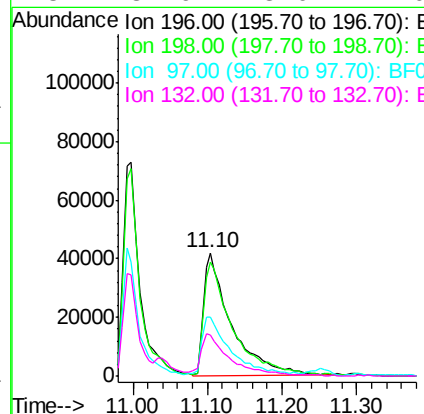
mohammad

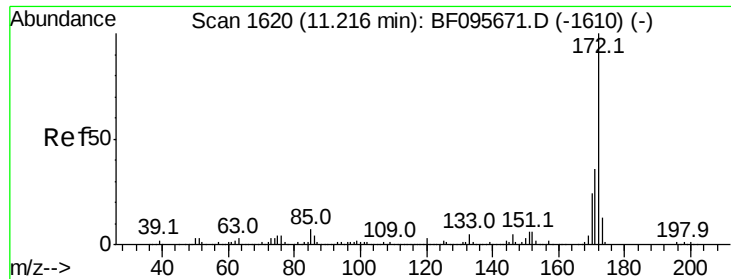
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#43
2,4,5-Trichlorophenol
Concen: 40.30 ng
RT: 11.10 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	107387		
198	92.4	75.7	113.5	
97	48.2	47.7	71.5	
132	32.9	28.0	42.0	





#44
2-Fluorobiphenyl
Concen: 77.08 ng
RT: 11.09 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

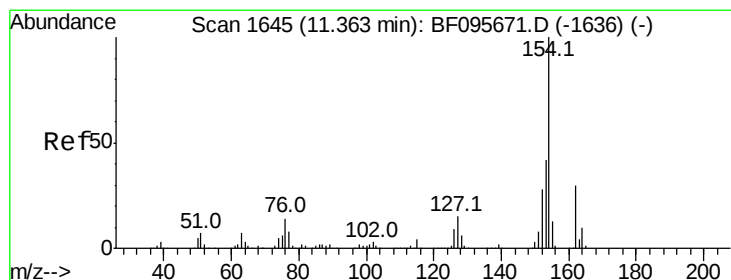
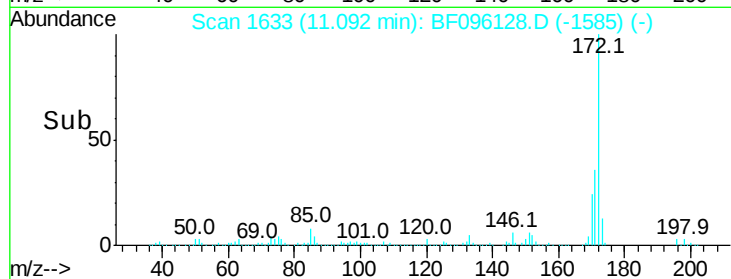
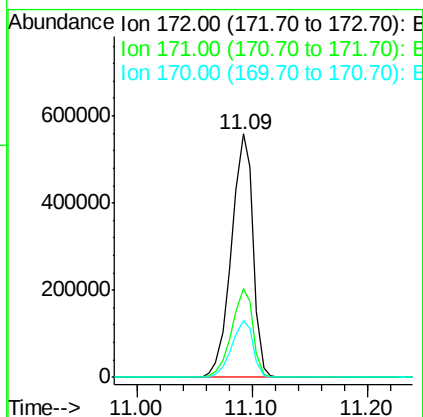
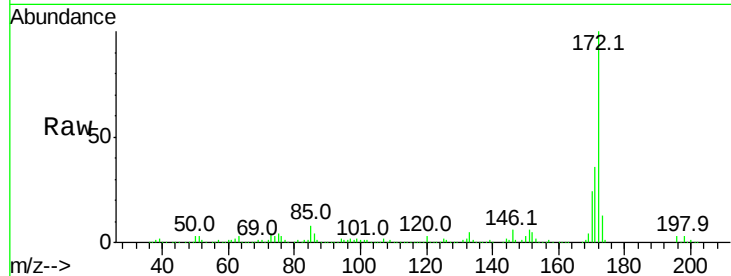
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	721173		
171	36.5		29.6	44.4
170	23.5		19.8	29.8

Manual Integrations
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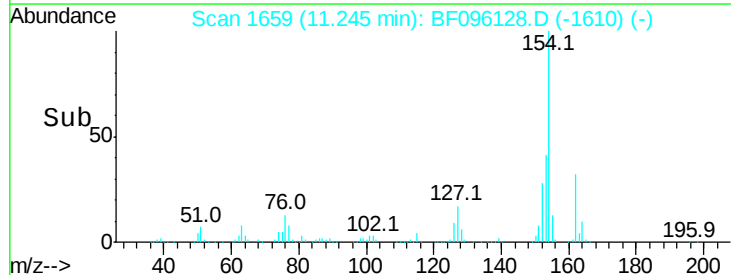
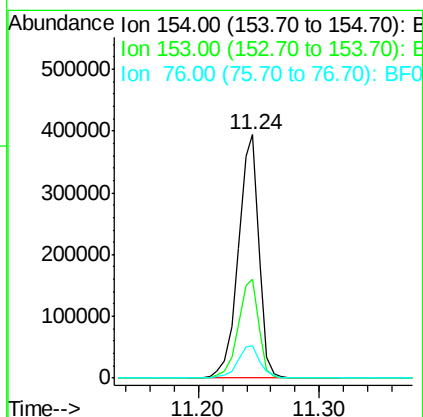
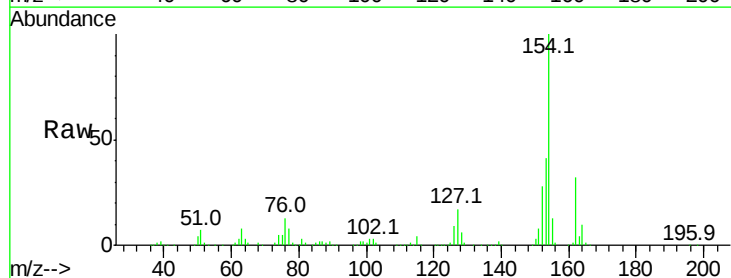
mohammad

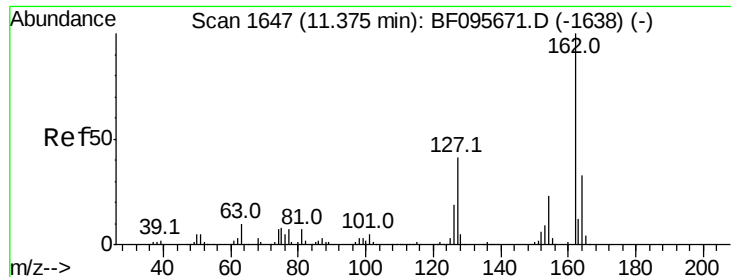
6/26/2017 8:27:57 AM



#45
1,1'-Biphenyl
Concen: 43.46 ng
RT: 11.24 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	466376		
153	40.7		21.2	61.2
76	13.5		0.0	29.9





#46
2-Chloronaphthalene
Concen: 42.48 ng
RT: 11.26 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

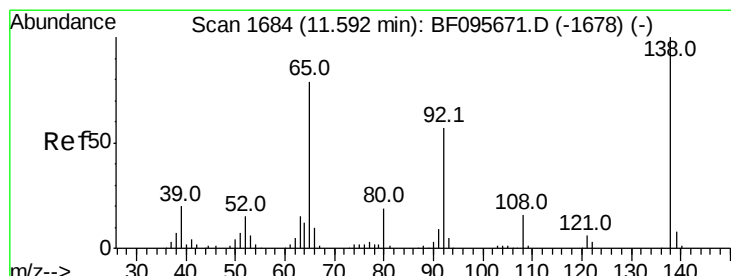
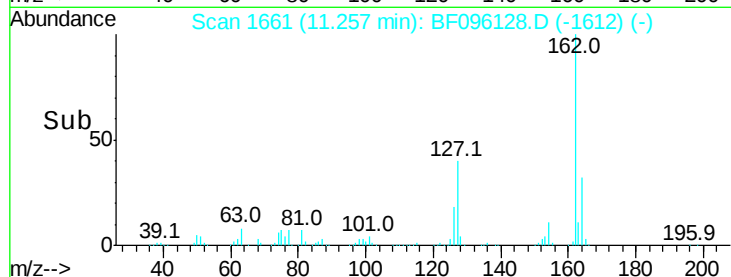
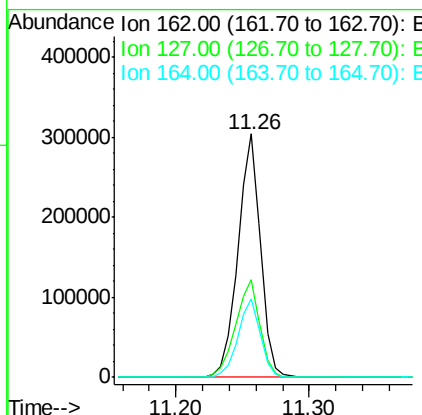
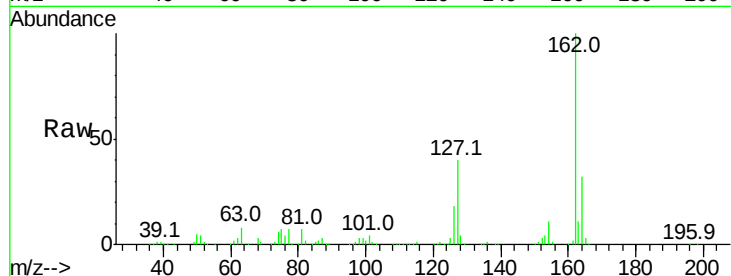
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.1	28.3	42.5	
164	32.4	27.0	40.4	

Manual Integrations
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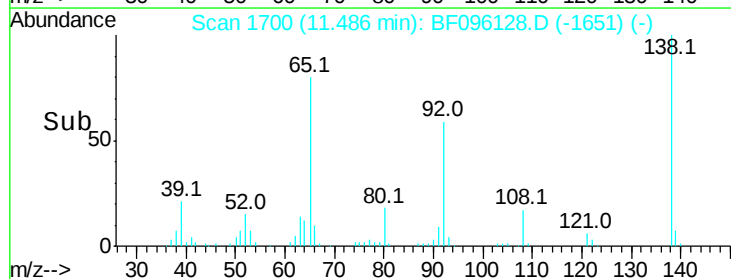
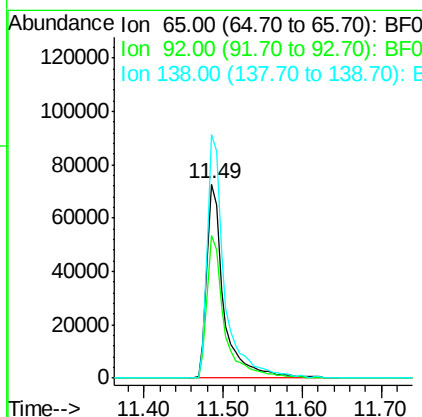
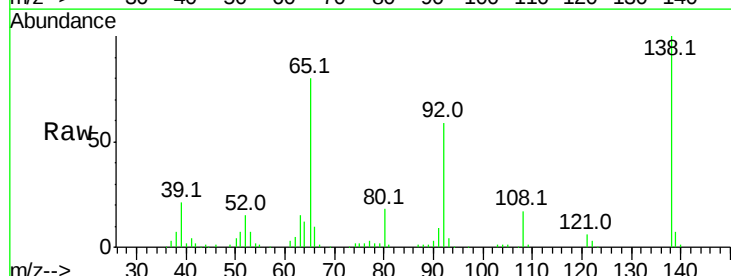
mohammad

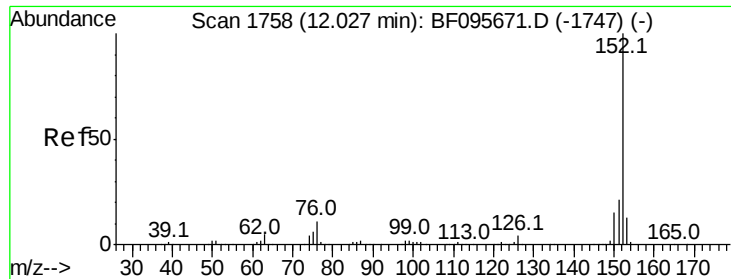
6/26/2017 8:27:57 AM



#47
2-Nitroaniline
Concen: 45.10 ng
RT: 11.49 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.5	53.9	80.9	
138	125.4	78.8	118.2	





#48
Acenaphthylene
Concen: 37.96 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

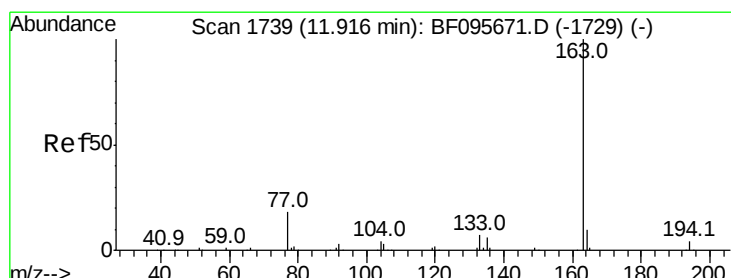
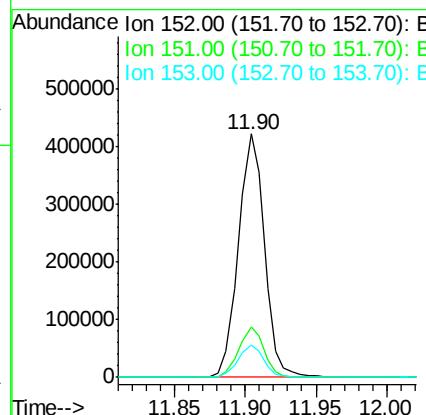
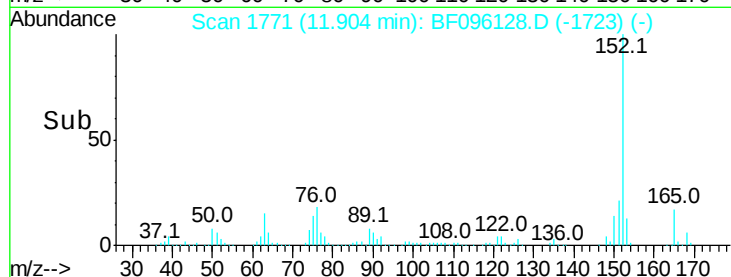
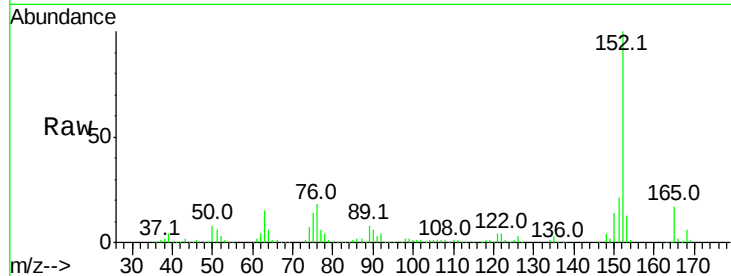
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.3	10.8	16.2

Manual Integrations
APPROVED

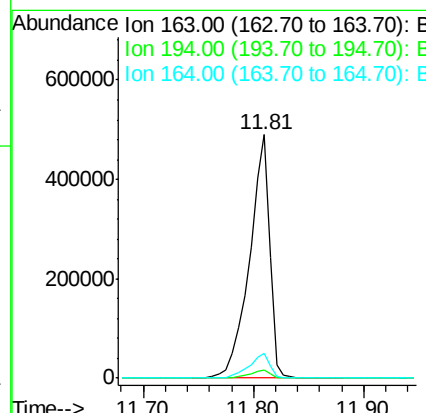
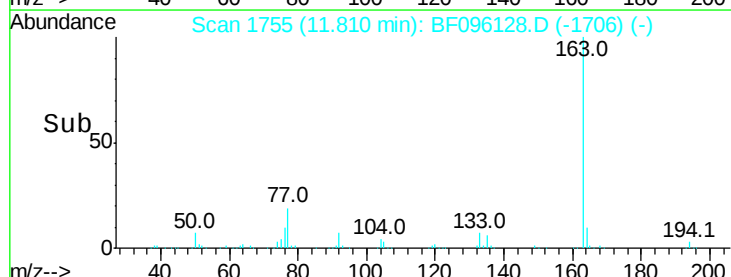
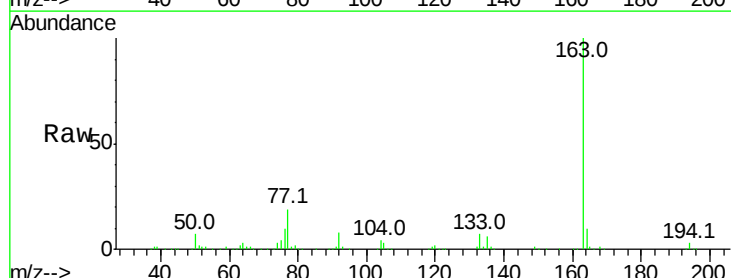
mohammad

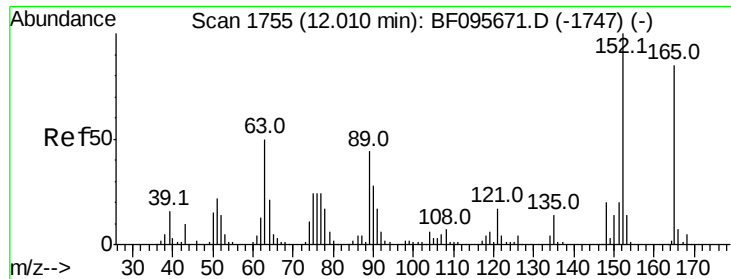
6/26/2017 8:27:57 AM



#49
Dimethylphthalate
Concen: 63.82 ng
RT: 11.81 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6





#50
2,6-Dinitrotoluene
Concen: 37.89 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

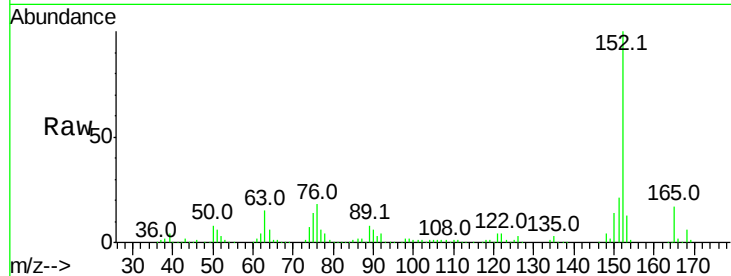
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	81697		
63	89.3	34.3	51.5#	
89	47.4	37.1	55.7	

Manual Integrations
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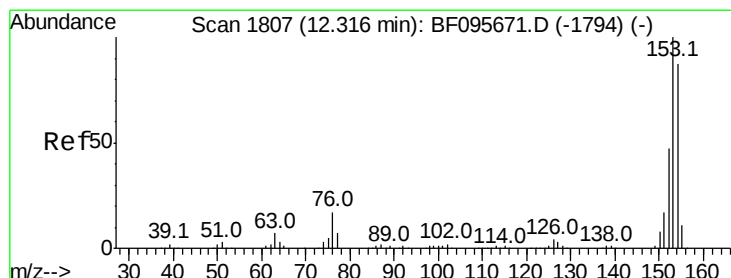
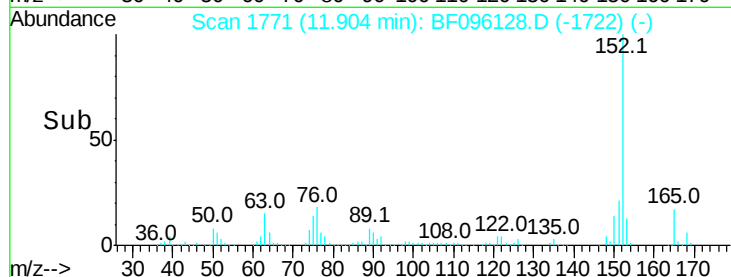
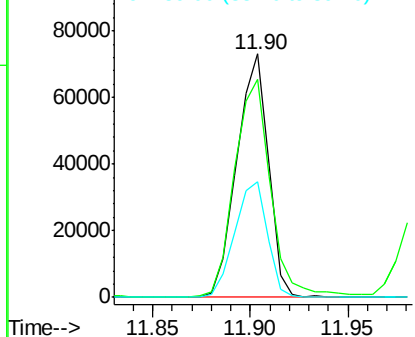
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Abundance Ion 165.00 (164.70 to 165.70): E

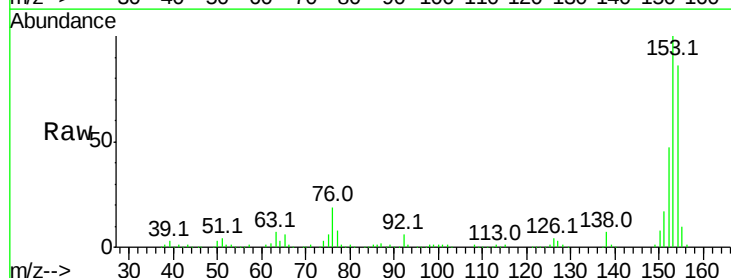
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 38.97 ng
RT: 12.19 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

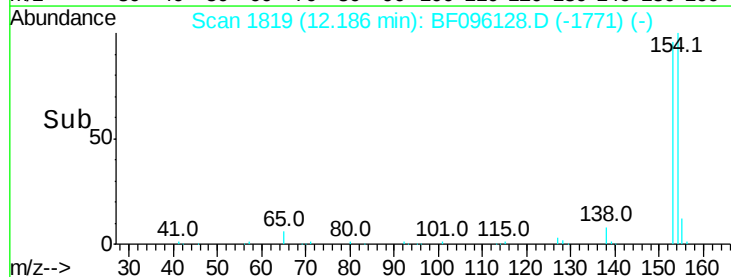
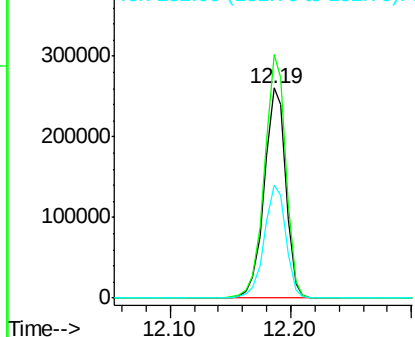
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	322701		
153	116.1	90.5	135.7	
152	54.1	43.6	65.4	

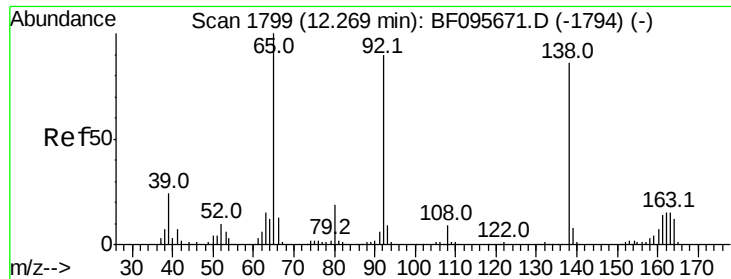


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 37.68 ng

RT: 12.17 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

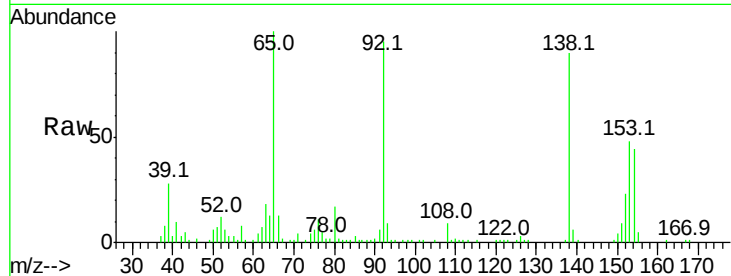
GHD-SB-020304-0-11MS

Tot Ion:	138	Resp:	94666
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	105.6	93.8	140.6

Manual Integrations
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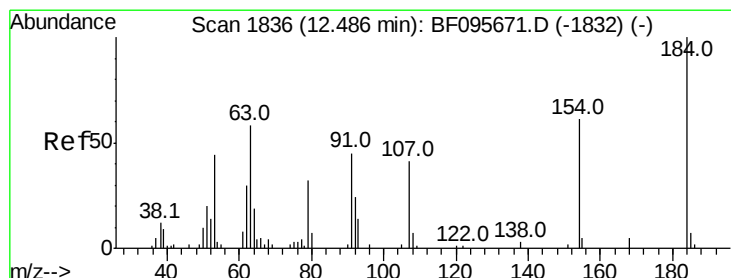
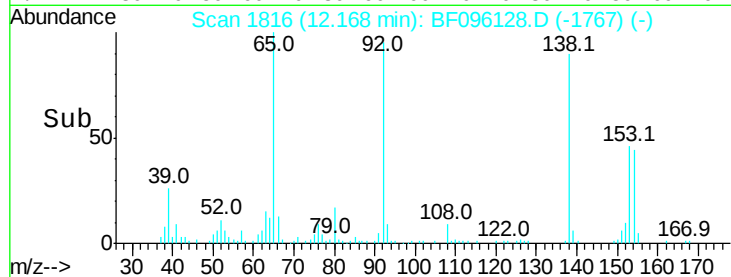
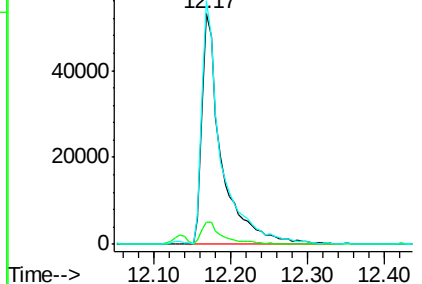
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 6.56 ng

RT: 12.56 min Scan# 1883

Delta R.T. 0.14 min

Lab File: BF096128.D

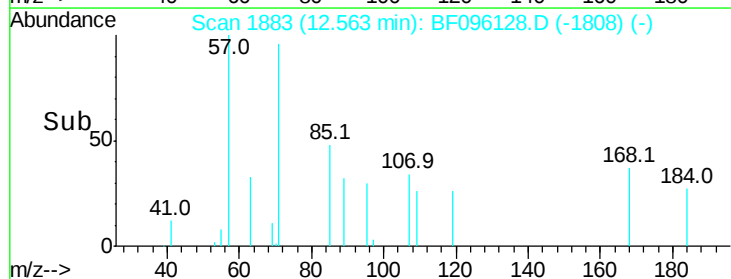
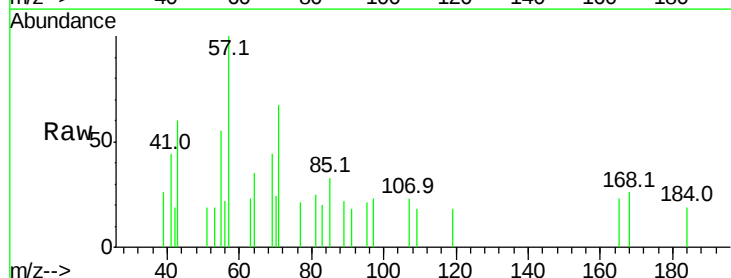
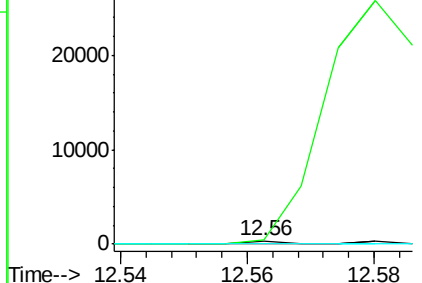
Acq: 22 Jun 2017 18:27

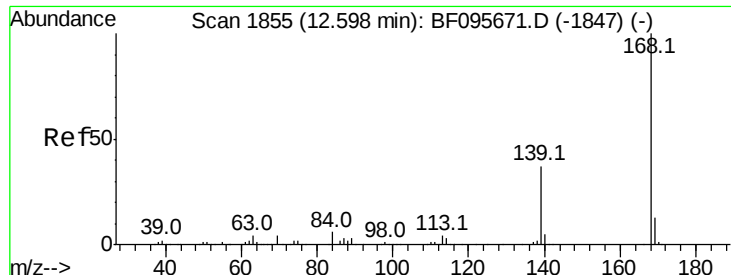
Tgt Ion:	184	Resp:	116
Ion Ratio	Lower	Upper	
184	100		
63	122.3	62.7	94.1#
154	0.0	81.1	121.7#

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 42.73 ng

RT: 12.47 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

GHD-SB-020304-0-11MS

Tot Ion:168 Resp: 497969

Ion Ratio Lower Upper

168 100

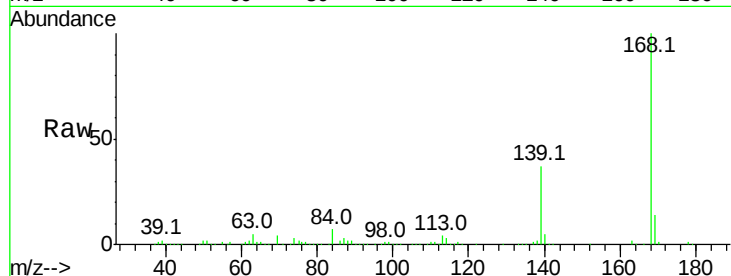
139 36.9 30.6 45.8

169 13.9 10.8 16.2

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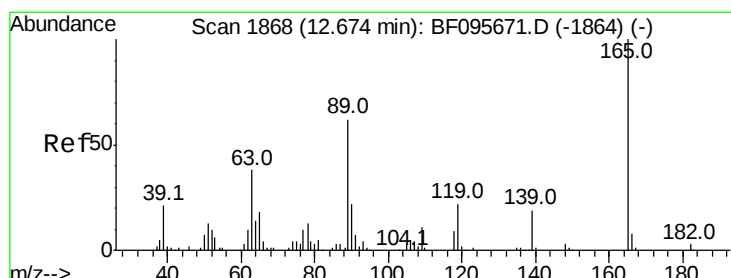
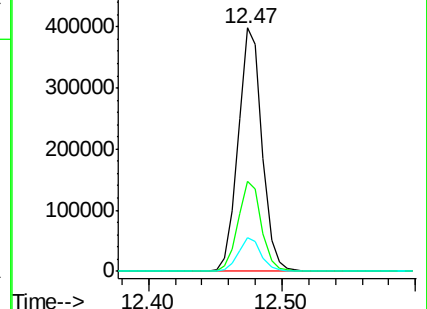
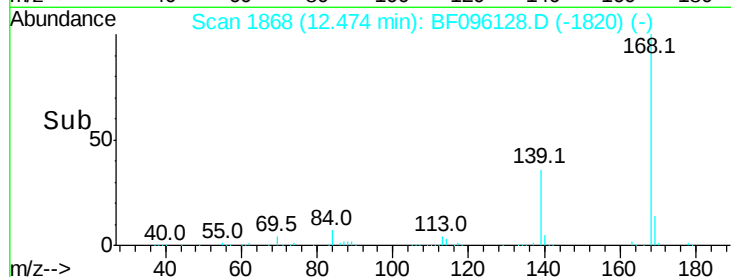
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 50.29 ng

RT: 12.62 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

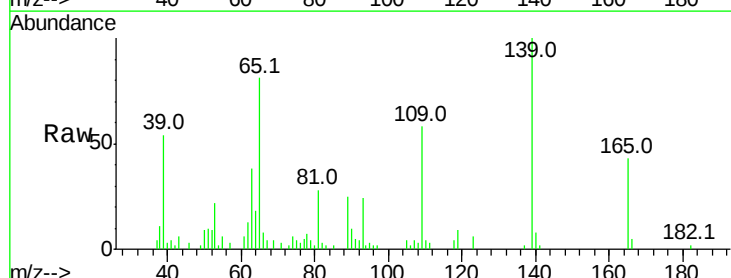
Tgt Ion:139 Resp: 71094

Ion Ratio Lower Upper

139 100

109 58.4 34.1 74.1

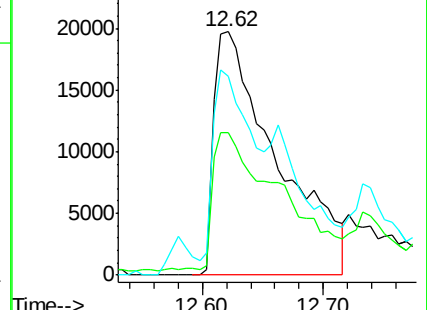
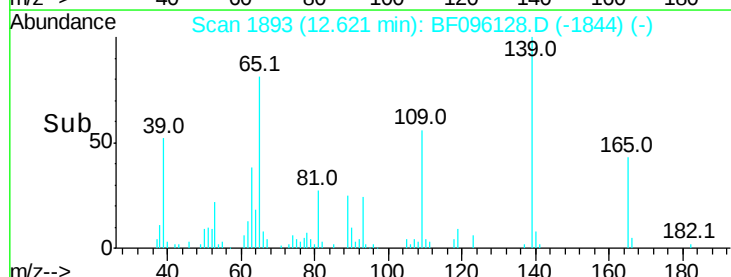
65 81.5 31.4 71.4#

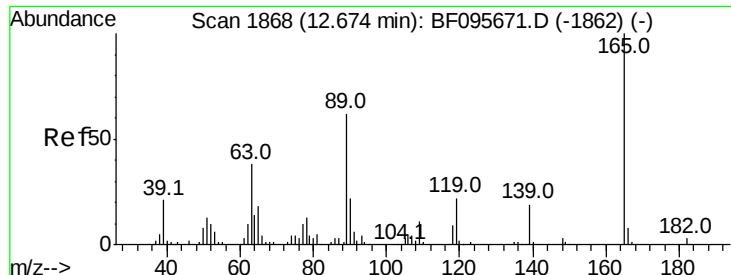


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56
2,4-Dinitrotoluene
Concen: 39.28 ng
RT: 12.58 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

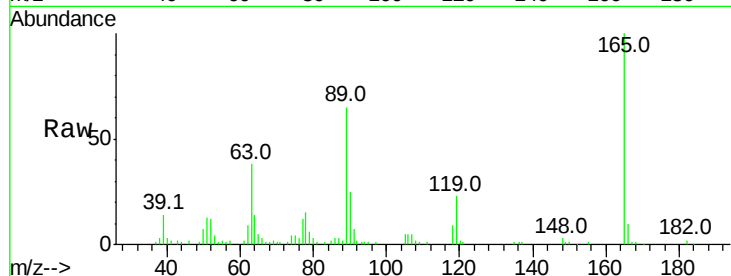
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		114398		
63	37.7	25.4	38.0		
89	65.3	46.4	69.6		
182	2.4	1.8	2.6		

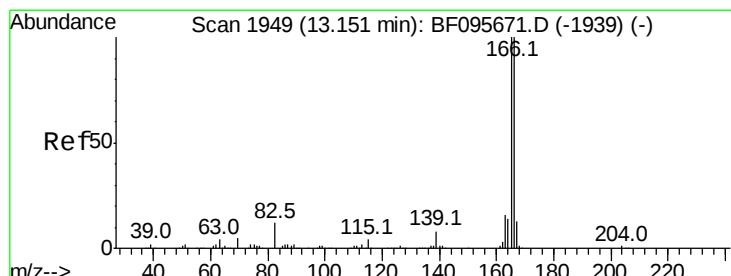
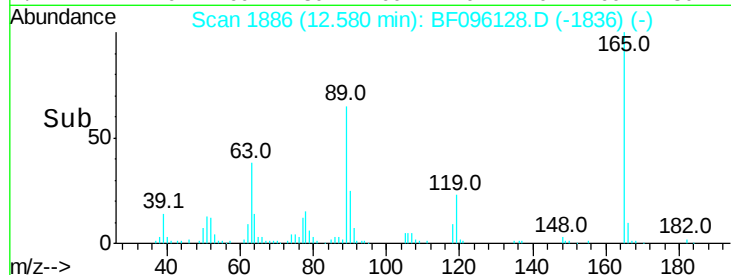
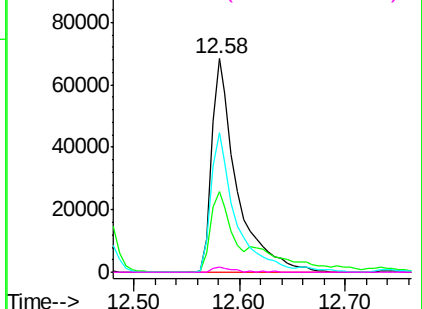
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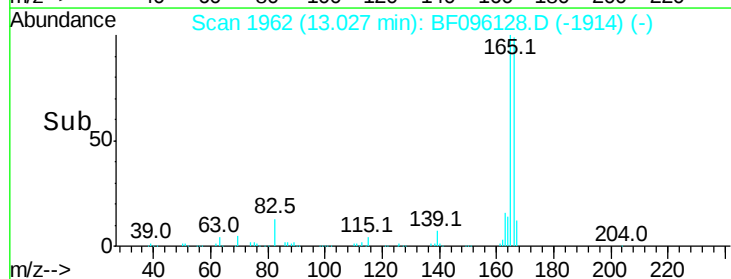
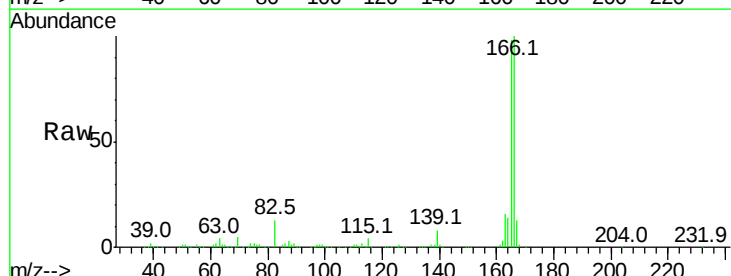
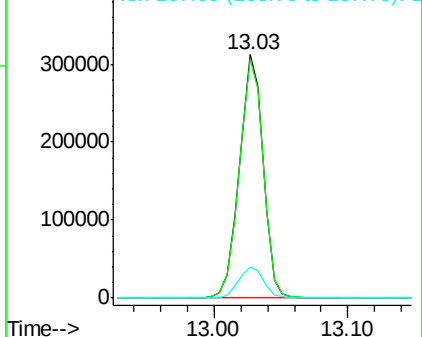
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

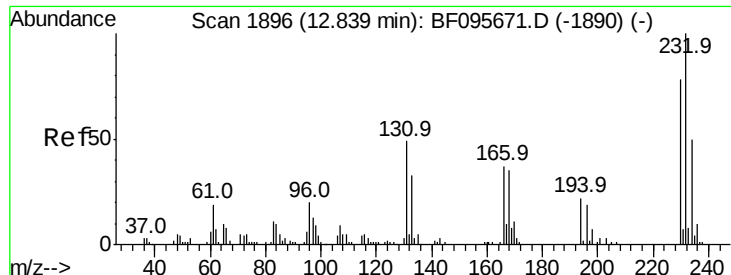


#57
Fluorene
Concen: 37.79 ng
RT: 13.03 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		383206		
165	97.8	78.8	118.2		
167	12.8	10.6	16.0		

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#58
2,3,4,6-Tetrachlorophenol
Concen: 40.52 ng
RT: 12.74 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

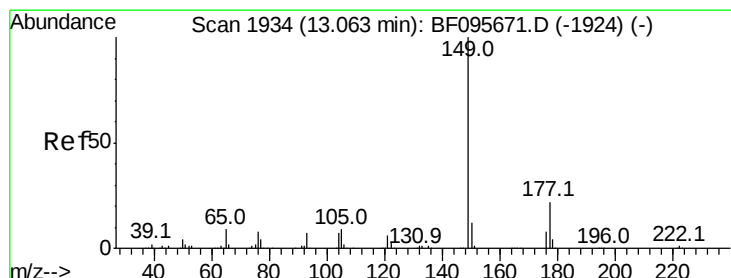
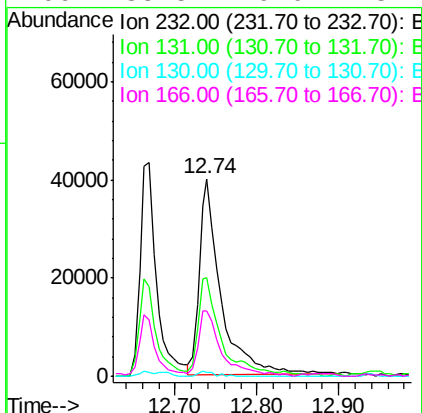
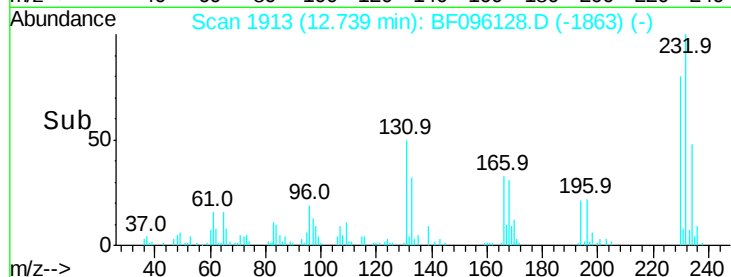
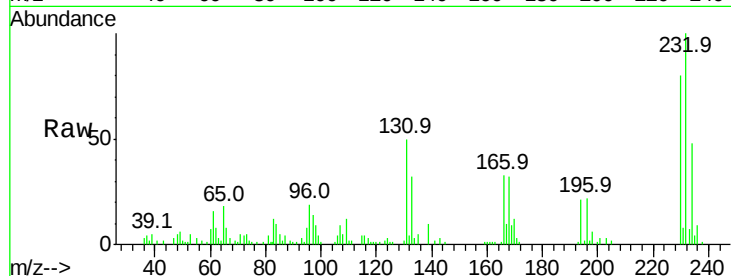
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.1	44.8	67.2
130	2.0	2.3	3.5
166	35.5	29.0	43.4

Manual Integrations
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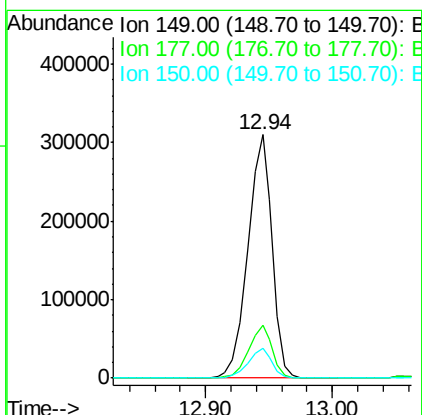
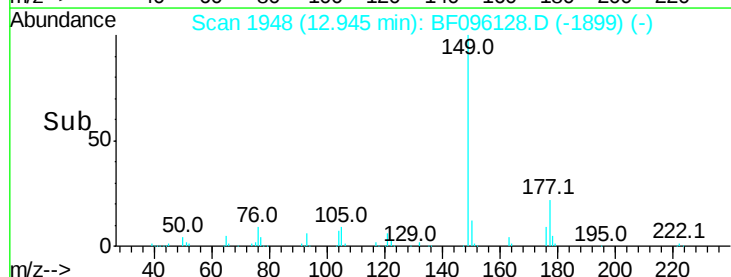
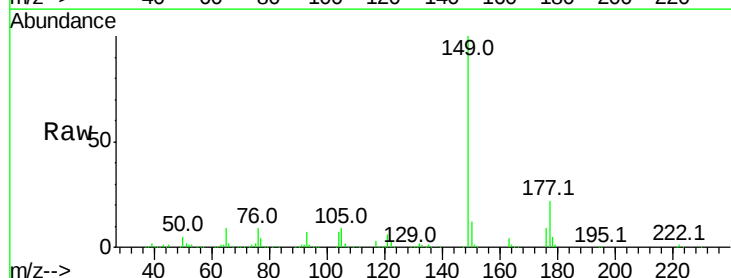
mohammad

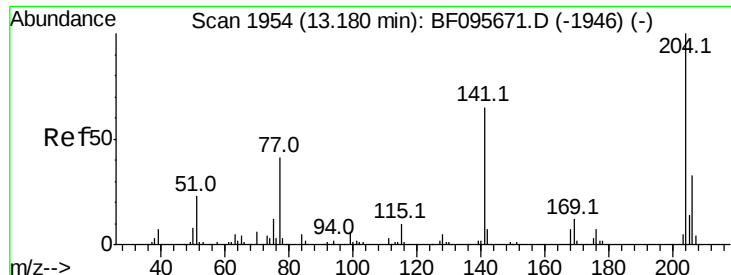
6/26/2017 8:27:57 AM



#59
Diethylphthalate
Concen: 43.38 ng
RT: 12.94 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.4	10.2	15.2





#60
4-Chlorophenyl-phenylether
Concen: 39.91 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

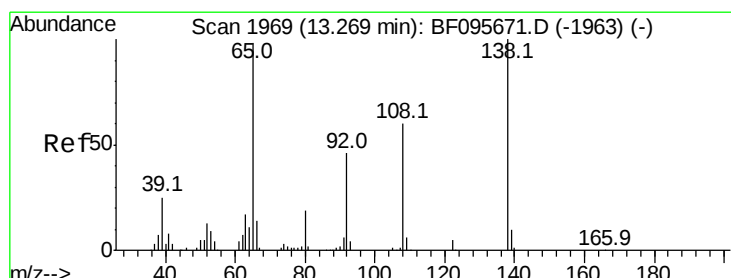
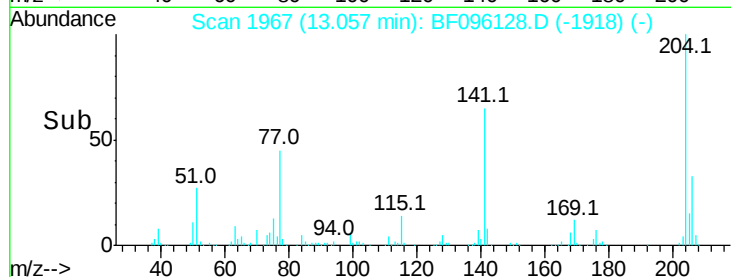
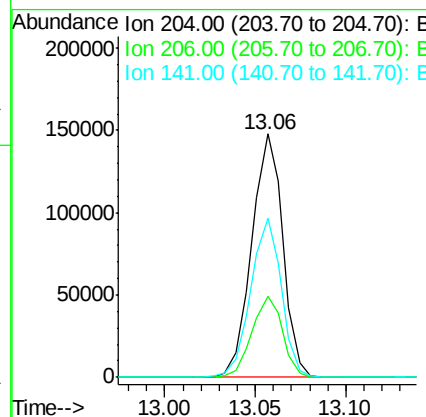
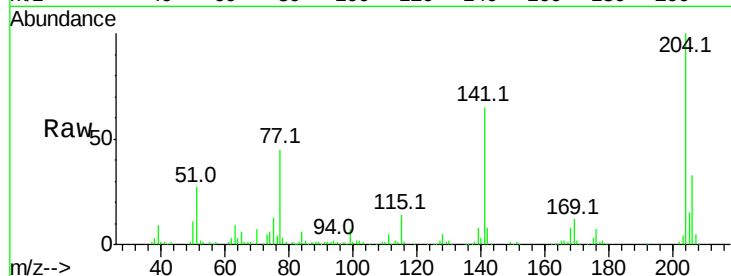
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	65.3	60.8	91.2

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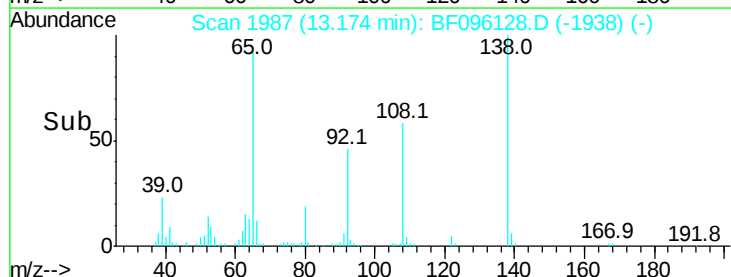
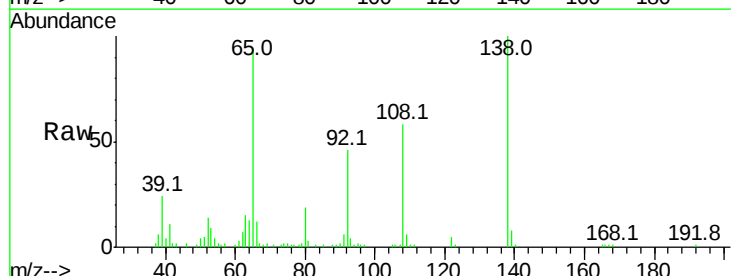
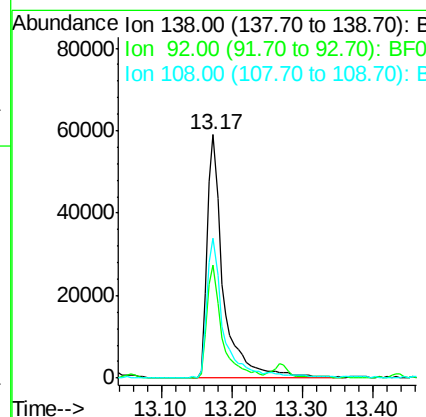
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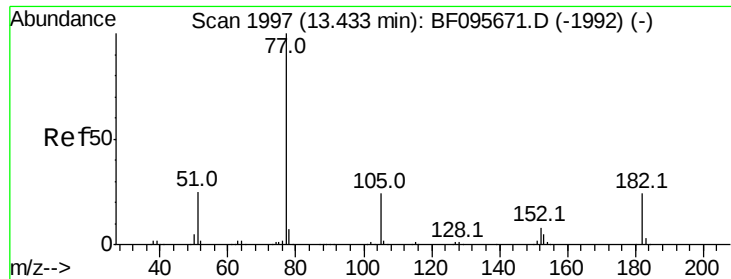
6/26/2017 8:27:57 AM



#61
4-Nitroaniline
Concen: 40.43 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	21.8	61.8
108	57.6	42.3	82.3





#62
Azobenzene
Concen: 42.42 ng
RT: 13.32 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

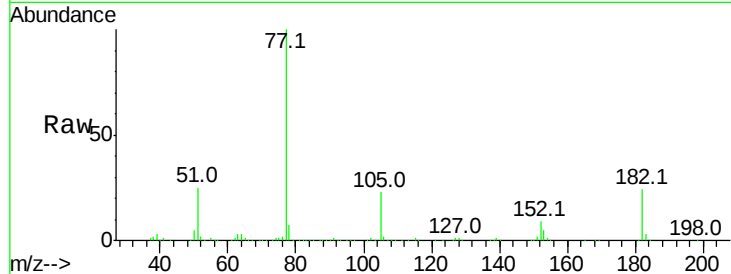
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.0	0.1	40.1	
105	23.3	3.6	43.6	
51	24.6	9.4	49.4	

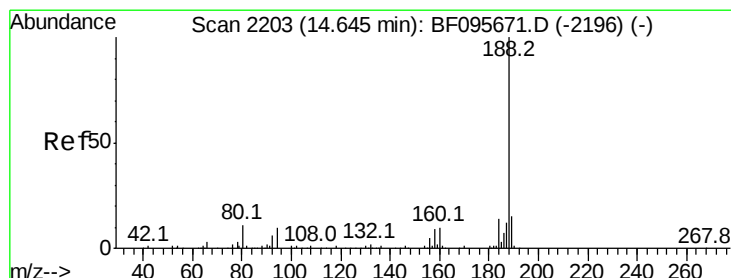
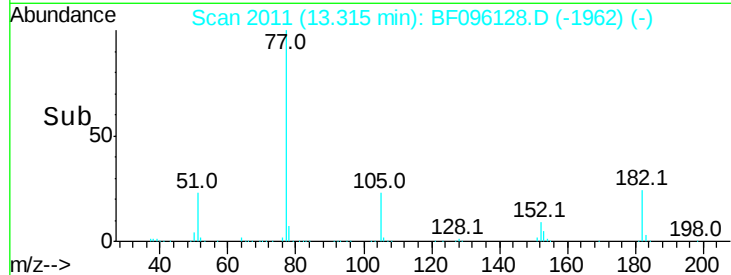
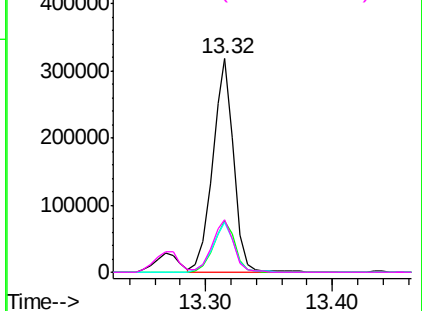
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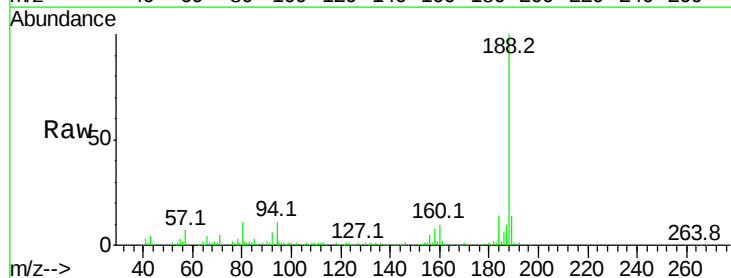


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

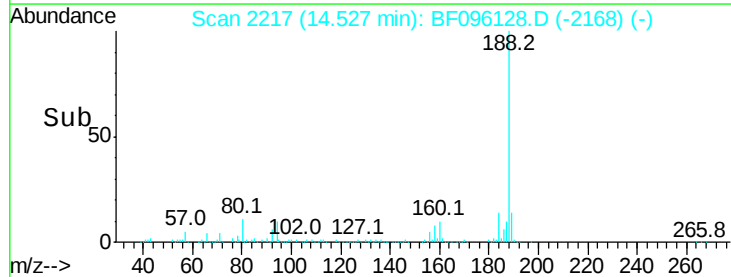
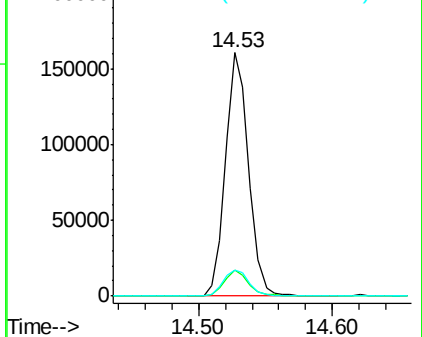


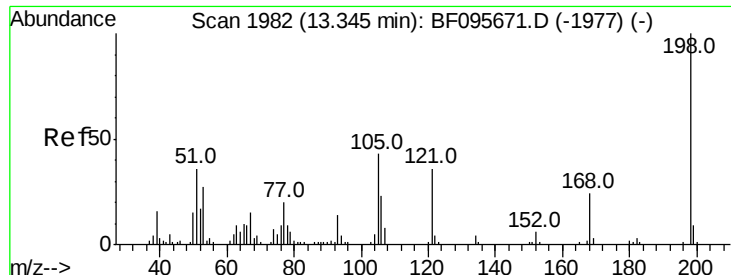
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.7	9.4	14.2	
80	10.6	10.2	15.2	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64
4,6-Dinitro-2-methylphenol
Concen: 3.93 ng
RT: 13.30 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

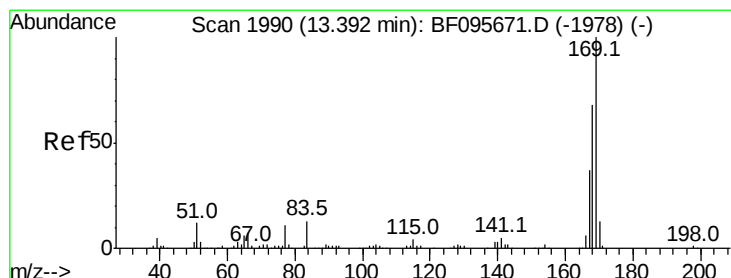
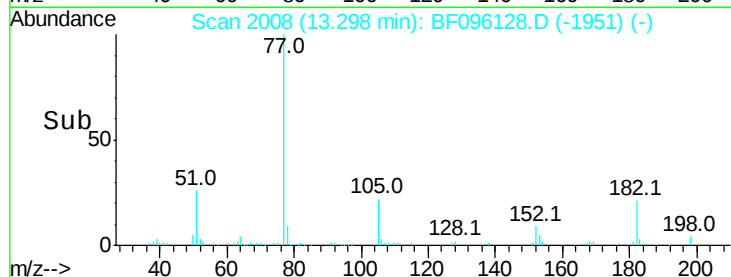
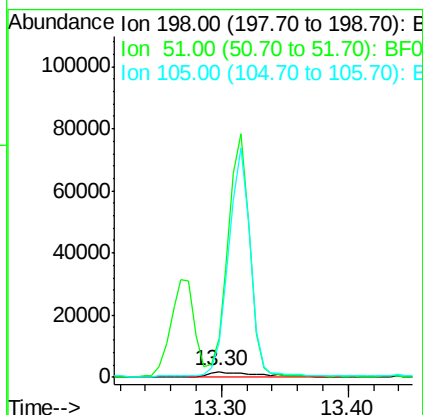
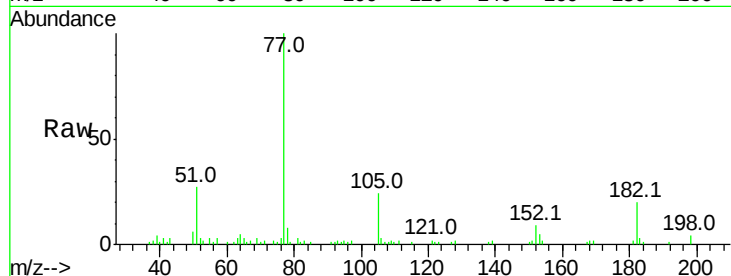
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	630.1	53.2	93.2#
105	572.6	45.8	85.8#

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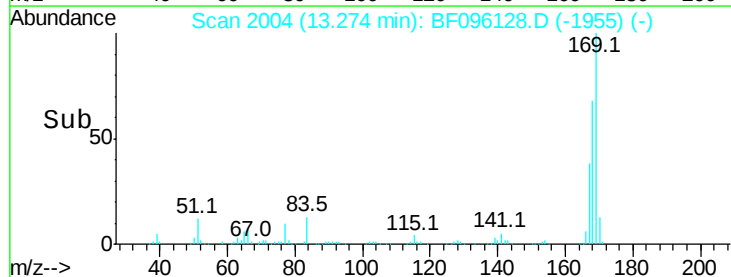
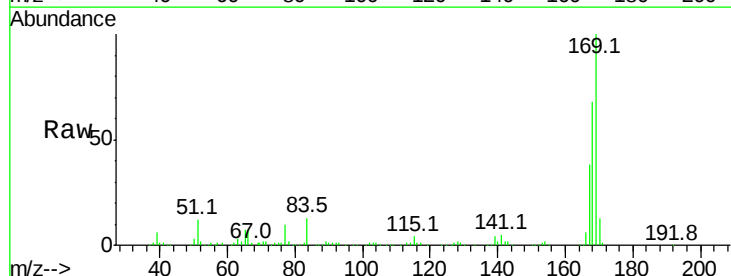
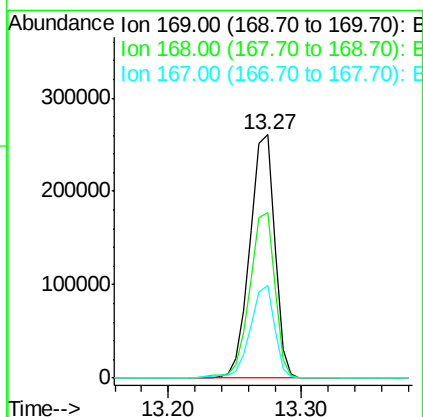
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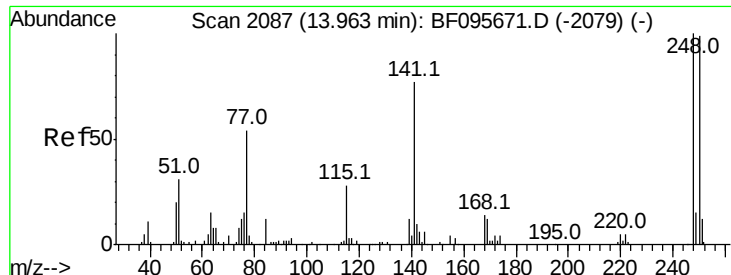
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#65
n-Nitrosodiphenylamine
Concen: 47.58 ng
RT: 13.27 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.2	79.8
167	37.9	29.5	44.3





#66

4-Bromophenyl-phenylether

Concen: 46.32 ng

RT: 13.84 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

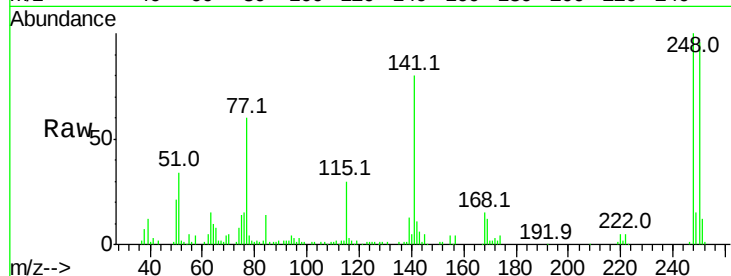
GHD-SB-020304-0-11MS

Tot Ion:	248	Resp:	93853
Ion Ratio	Lower	Upper	
248	100		
250	95.7	76.8	115.2
141	80.2	68.6	103.0

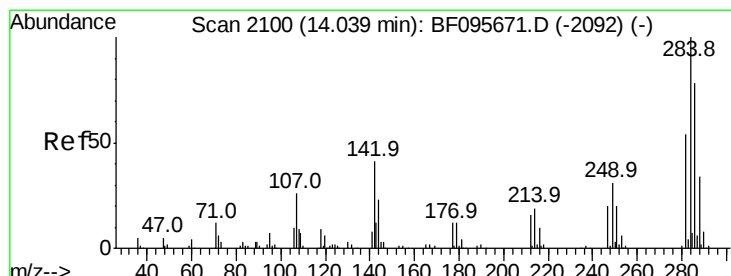
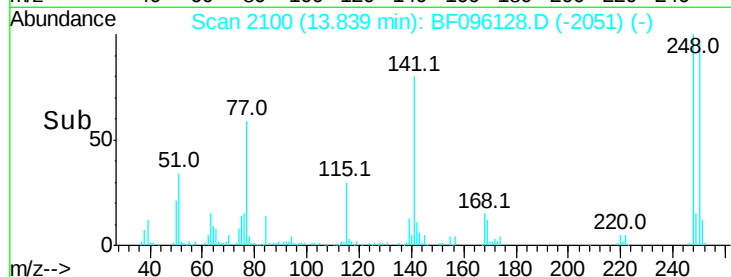
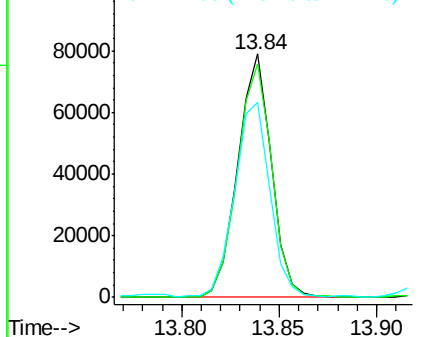
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 44.86 ng

RT: 13.93 min Scan# 2115

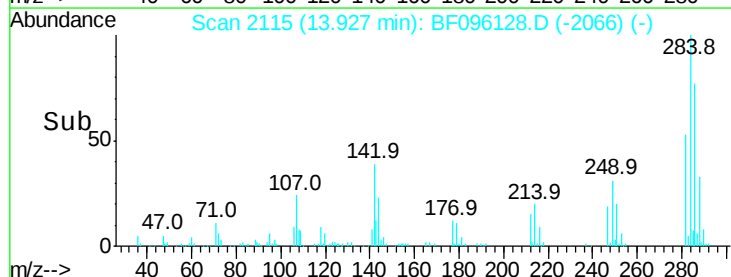
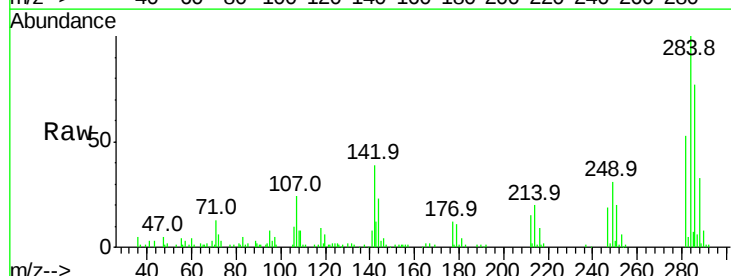
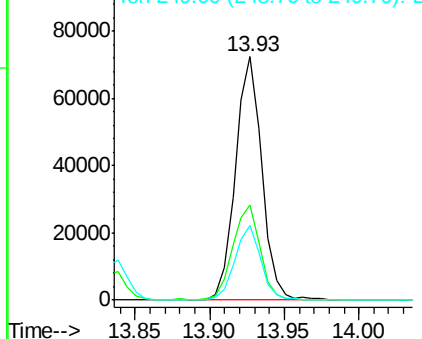
Delta R.T. -0.01 min

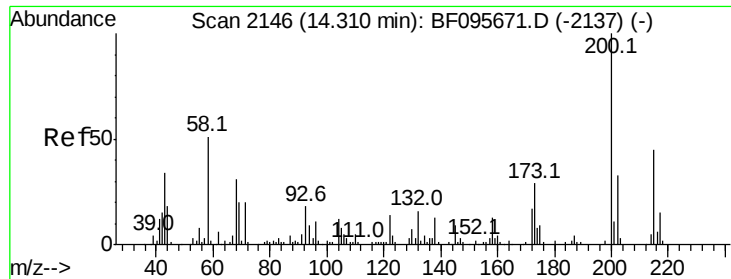
Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	284	Resp:	89557
Ion Ratio	Lower	Upper	
284	100		
142	39.0	22.8	34.2#
249	30.7	24.0	36.0

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





#68
Atrazine
Concen: 46.33 ng
RT: 14.20 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

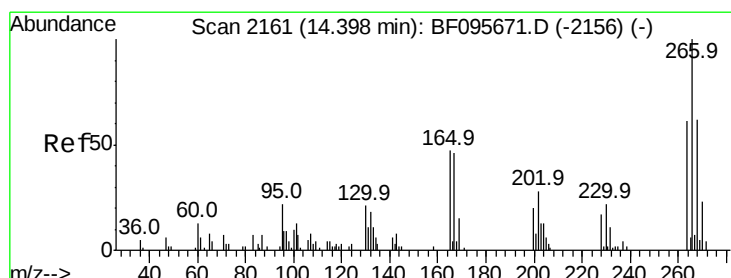
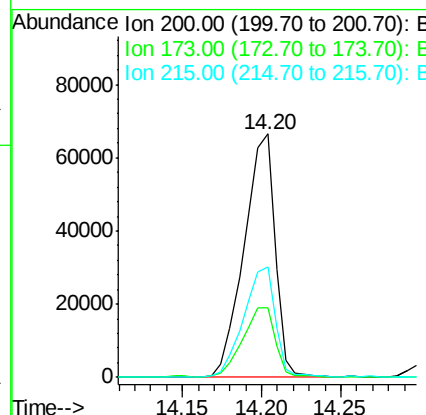
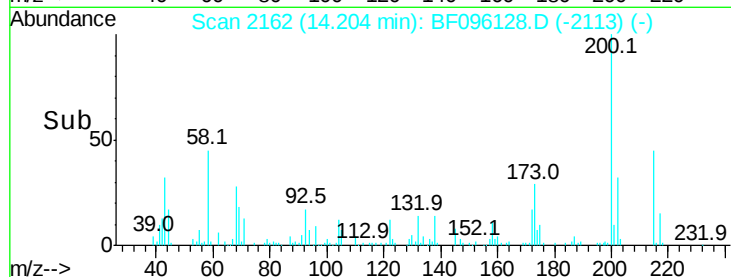
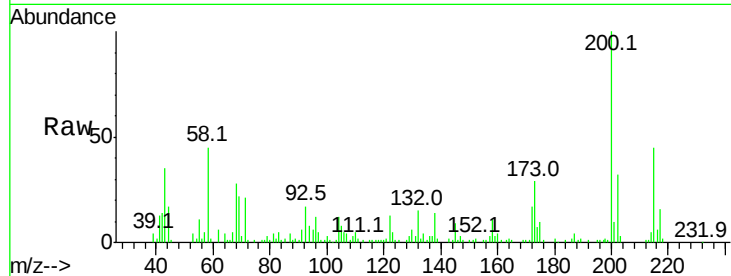
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	6.3	46.3
215	45.3	27.2	67.2

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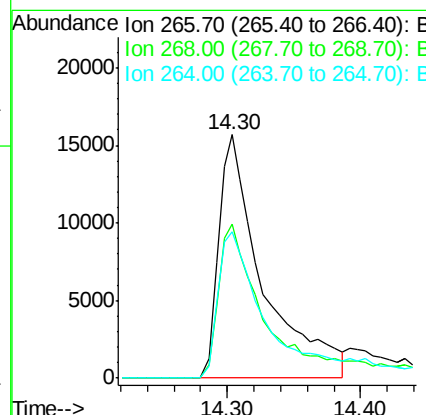
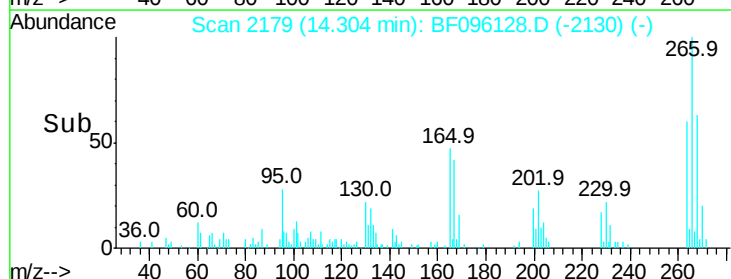
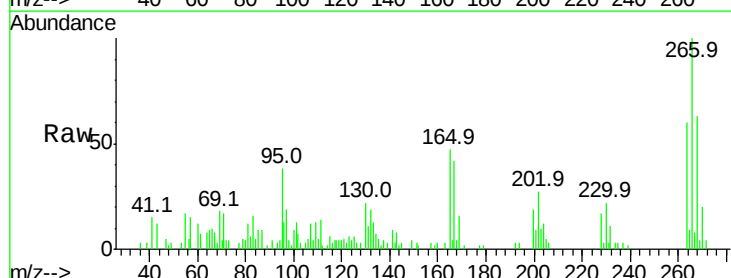
mohammad

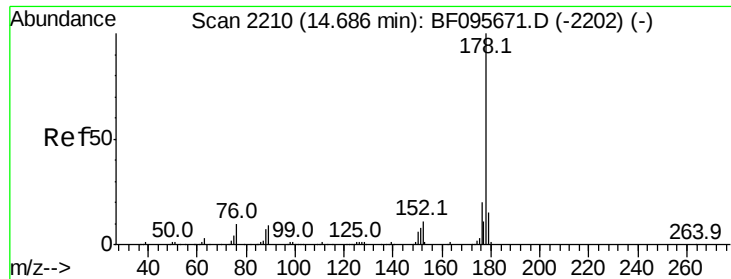
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#69
Pentachlorophenol
Concen: 50.44 ng
RT: 14.30 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	60.2	51.7	77.5





#70
Phenanthrene
Concen: 45.20 ng
RT: 14.57 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

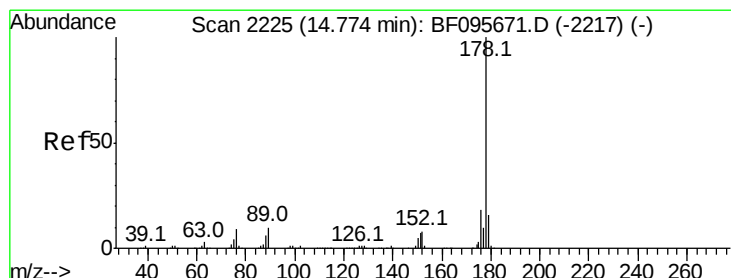
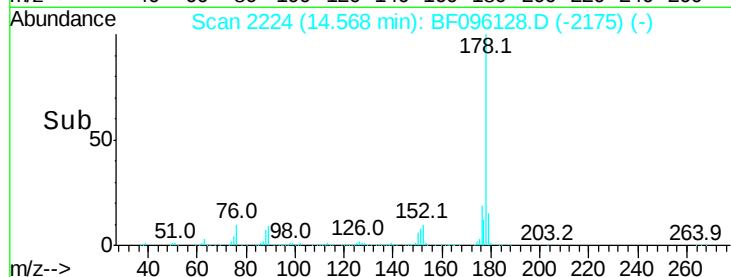
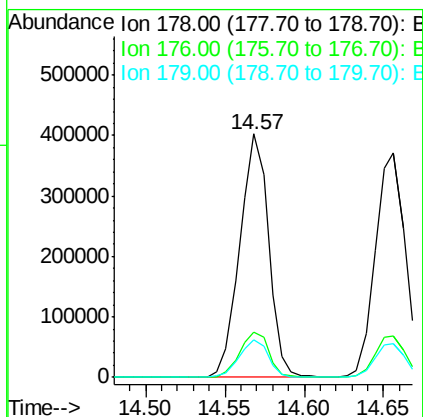
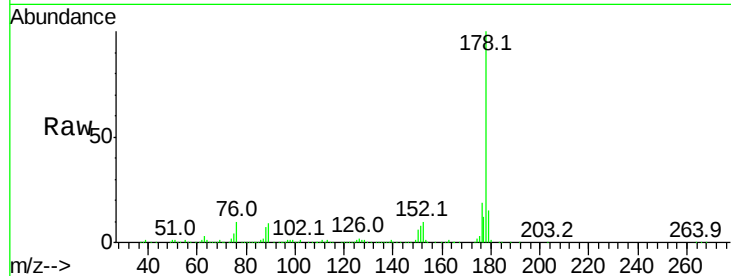
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.2	12.6	19.0

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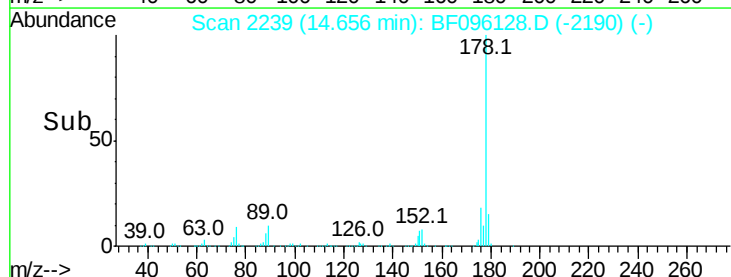
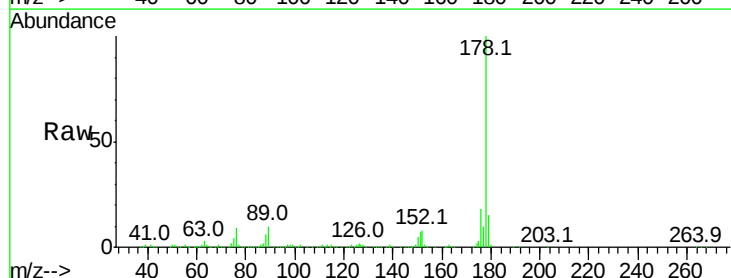
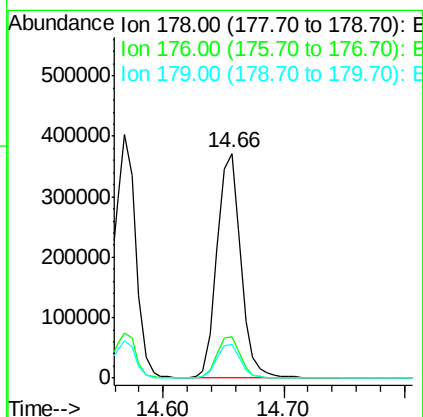
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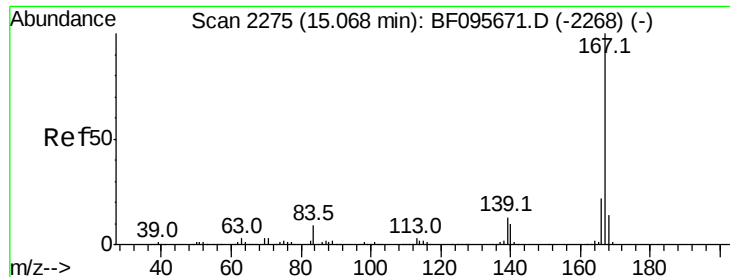
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#71
Anthracene
Concen: 42.81 ng
RT: 14.66 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.1	12.7	19.1





#72

Carbazole

Concen: 38.56 ng

RT: 14.96 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

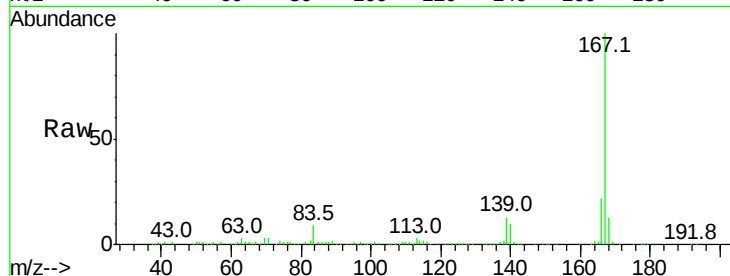
GHD-SB-020304-0-11MS

Tot Ion:	167	Resp:	441294
Ion Ratio	Lower	Upper	
167	100		
166	21.6	18.1	27.1
139	12.5	11.7	17.5

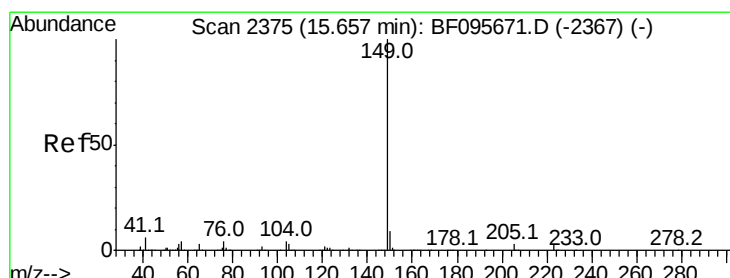
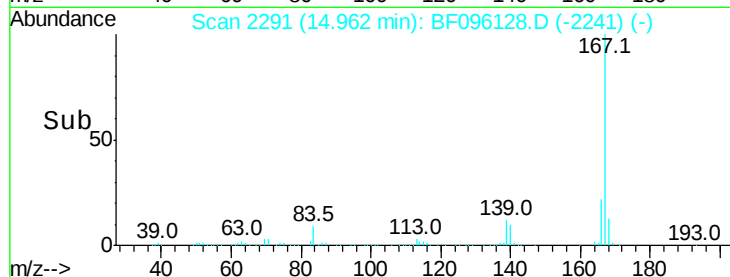
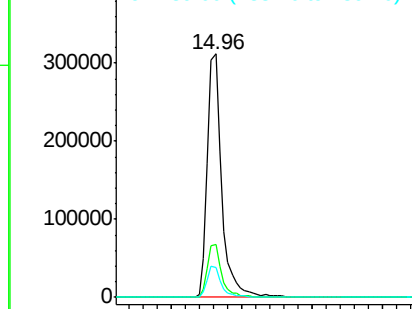
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.18 ng

RT: 15.55 min Scan# 2391

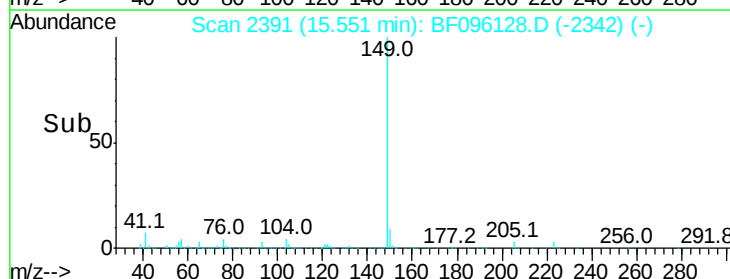
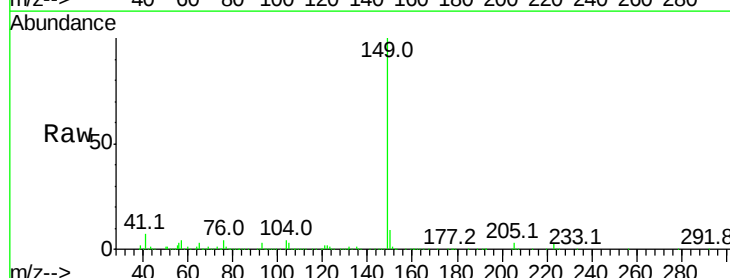
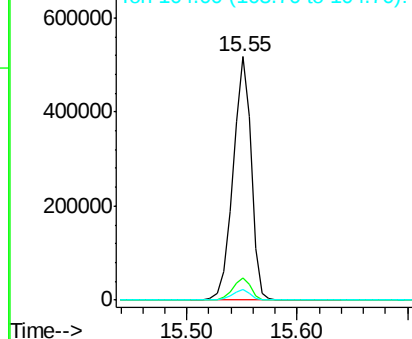
Delta R.T. -0.01 min

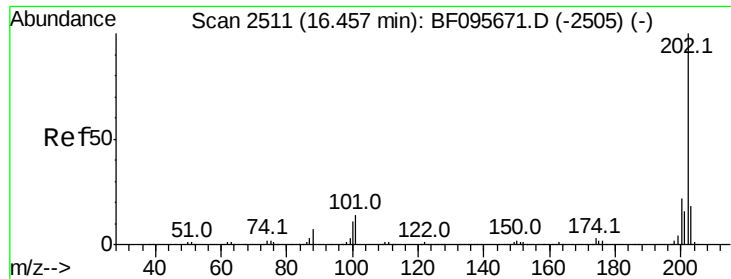
Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	149	Resp:	598714
Ion Ratio	Lower	Upper	
149	100		
150	9.1	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: 44.06 ng

RT: 16.36 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

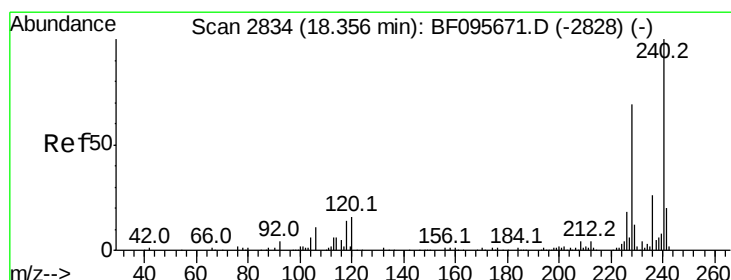
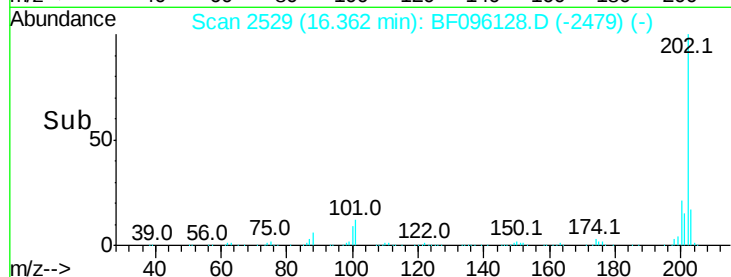
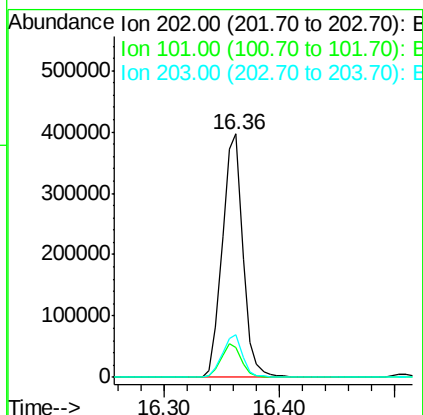
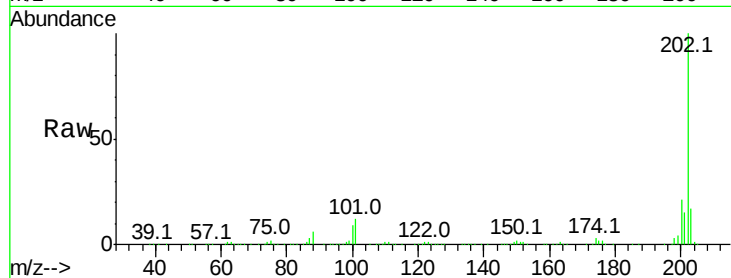
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	490554		
101	12.1	0.0	33.2	
203	17.3	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

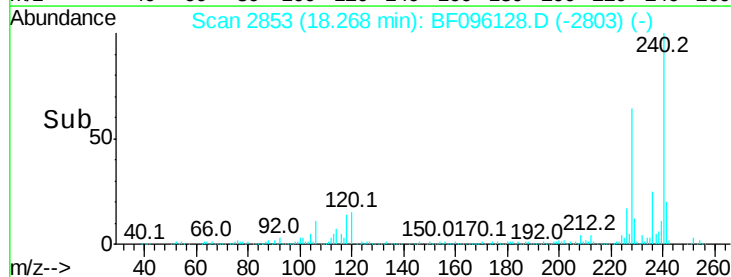
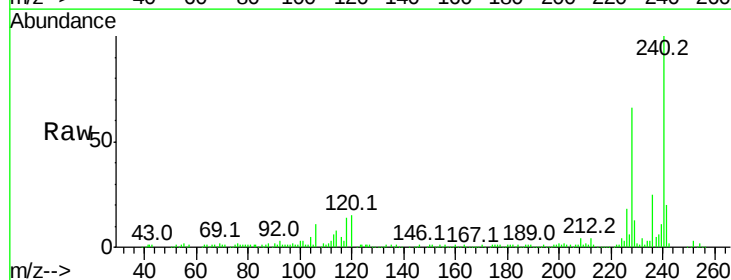
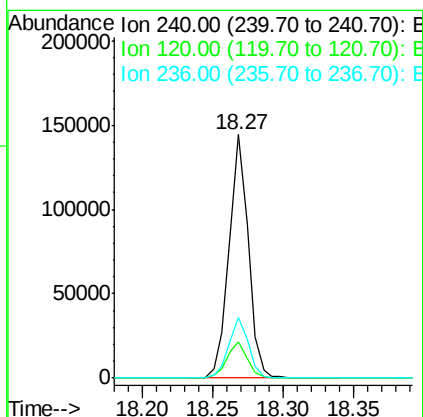
RT: 18.27 min Scan# 2853

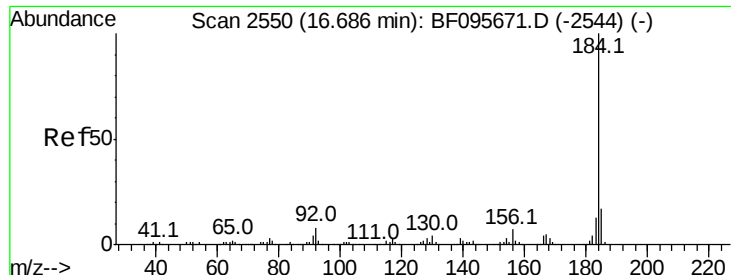
Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	138352		
120	14.9	5.8	8.8#	
236	24.9	20.5	30.7	





#76

Benzidine

Concen: 33.86 ng

RT: 16.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

GHD-SB-020304-0-11MS

Tot Ion:184 Resp: 179922

Ion Ratio Lower Upper

184 100

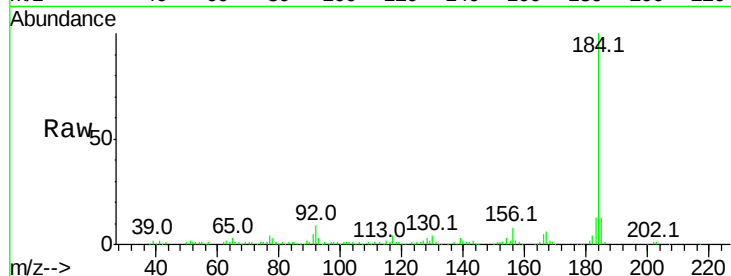
185 13.5 15.5 23.3#

183 12.8 9.8 14.6

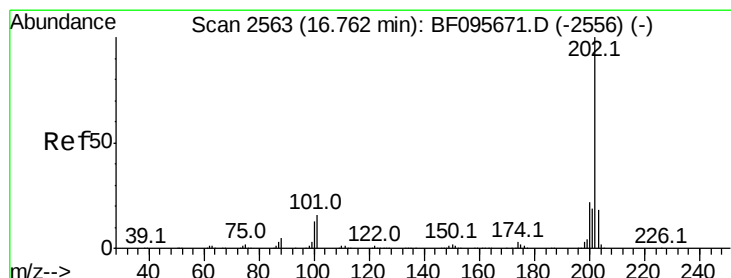
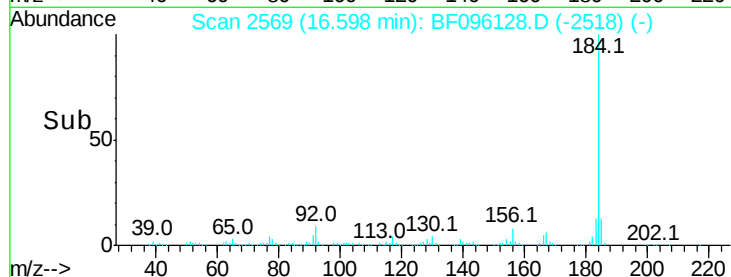
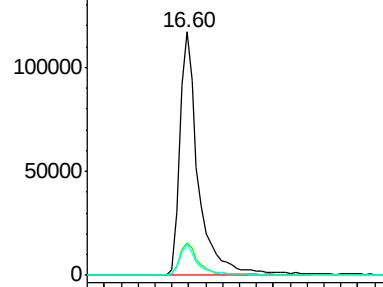
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 46.50 ng

RT: 16.66 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

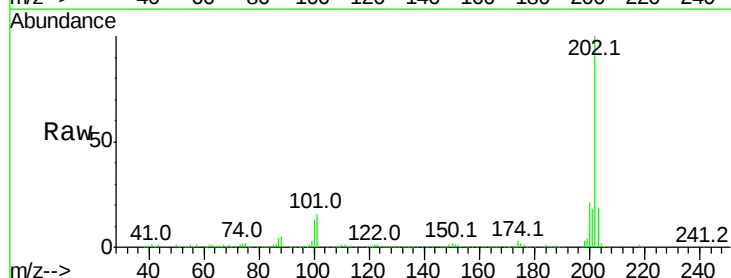
Tgt Ion:202 Resp: 480050

Ion Ratio Lower Upper

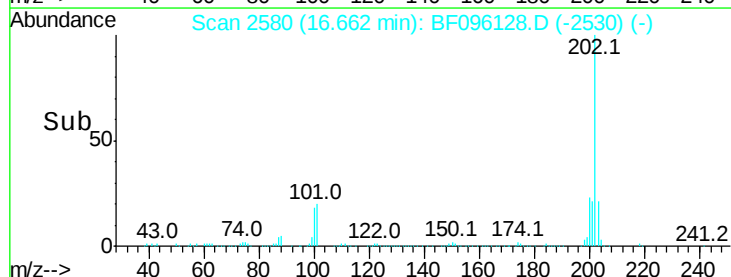
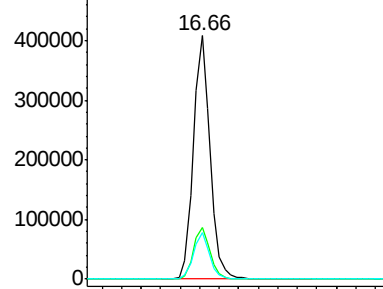
202 100

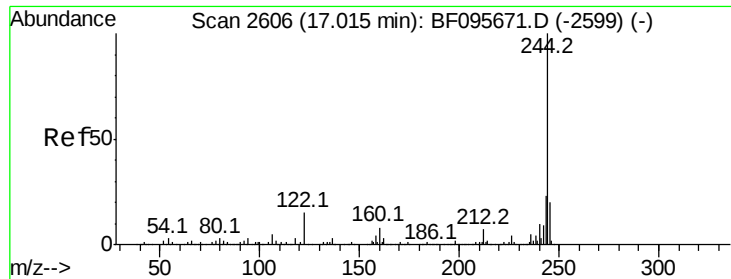
200 21.0 17.6 26.4

203 18.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78
 Terphenyl-d14
 Concen: 81.93 ng
 RT: 16.92 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

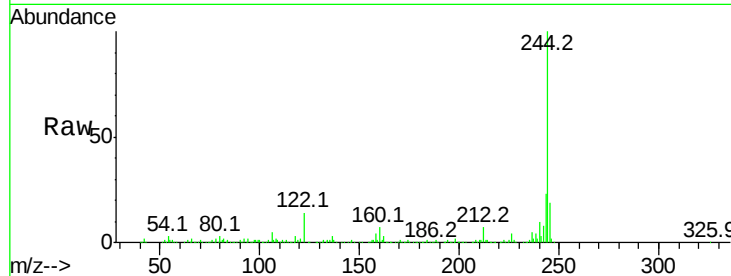
Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.7	10.3	15.5

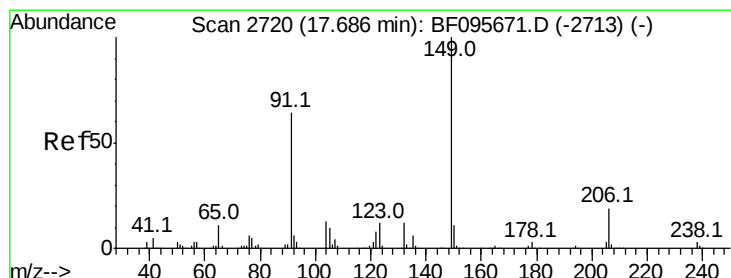
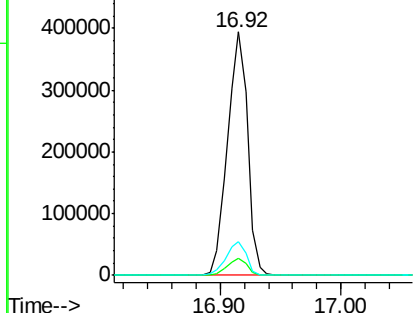
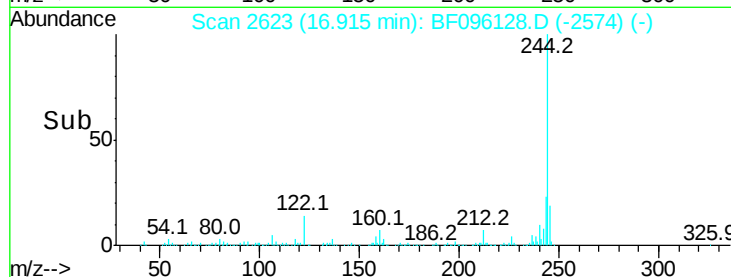
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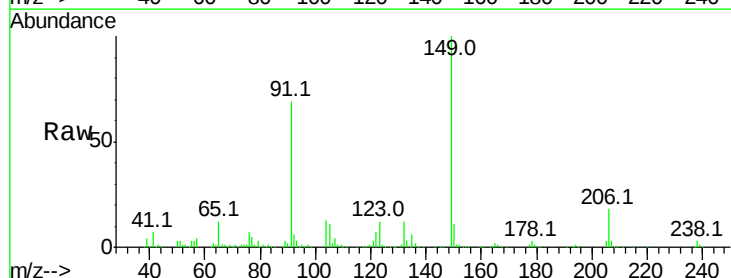


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

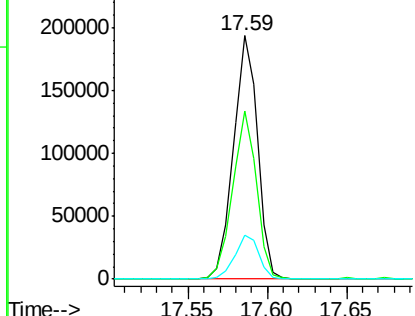
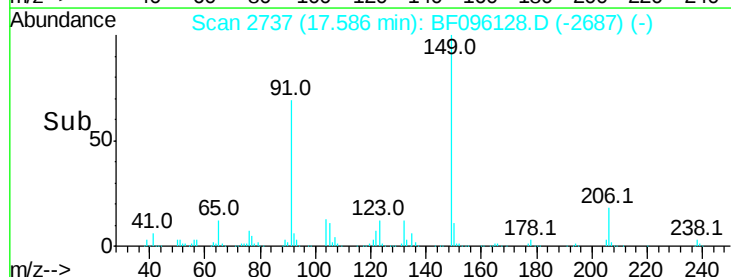


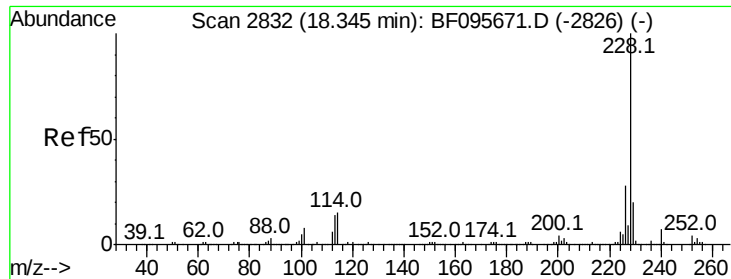
#79
 Butylbenzylphthalate
 Concen: 44.95 ng
 RT: 17.59 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BF096128.D
 Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	45.0	67.4#
206	18.3	17.0	25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80
Benzo(a)anthracene
Concen: 47.18 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

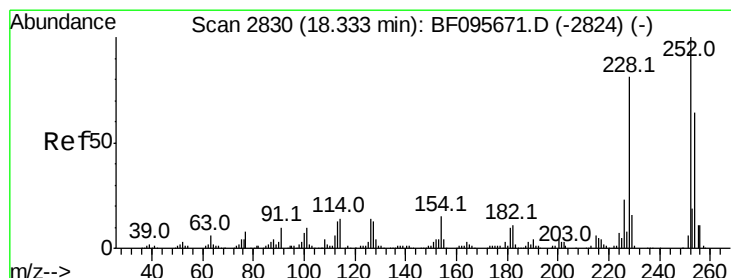
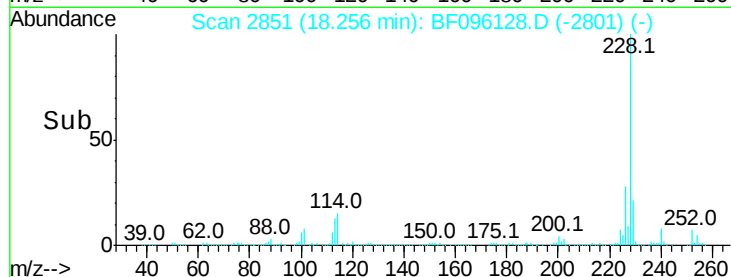
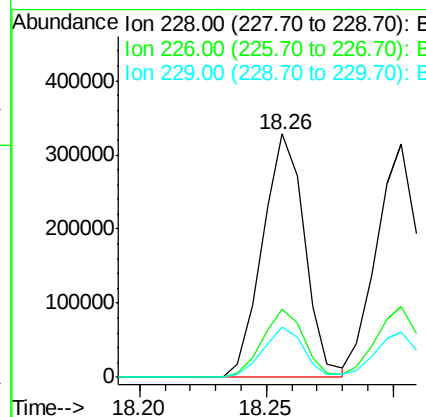
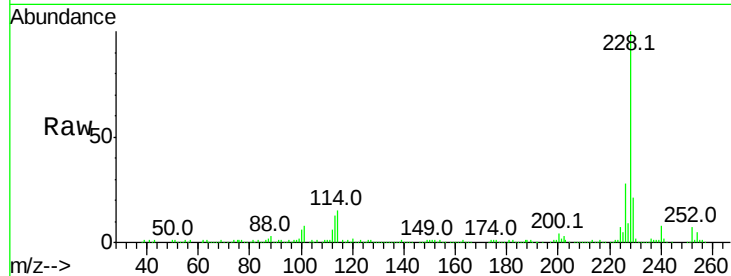
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.6	16.3	24.5

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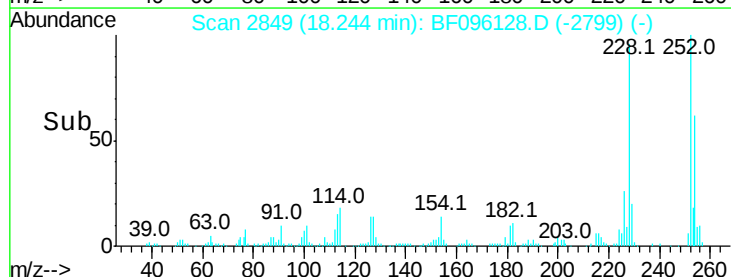
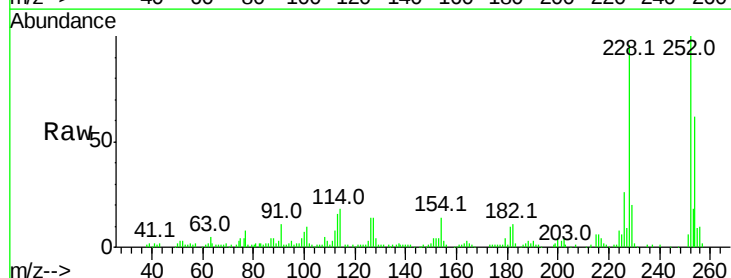
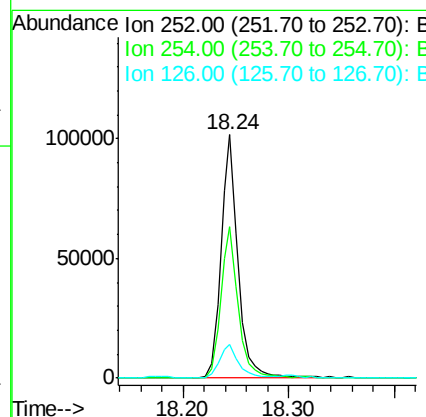
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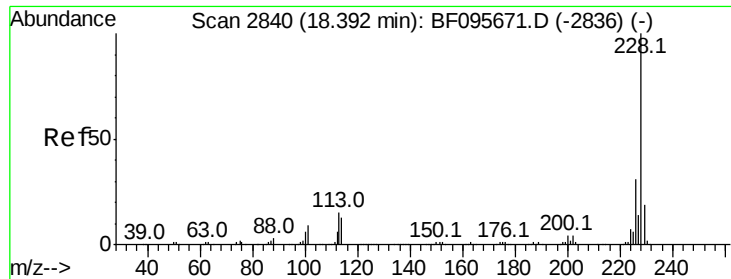
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#81
3,3'-Dichlorobenzidine
Concen: 40.27 ng
RT: 18.24 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.5	77.3
126	13.8	15.8	23.8#





#82
Chrysene
Concen: 45.84 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

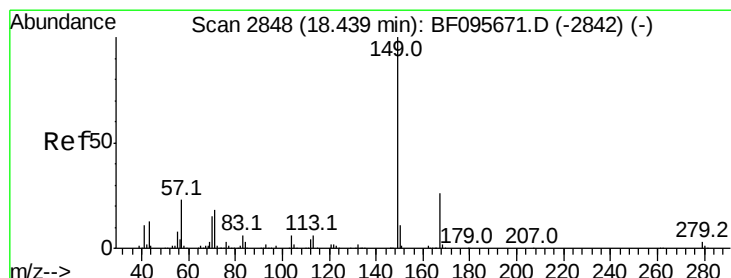
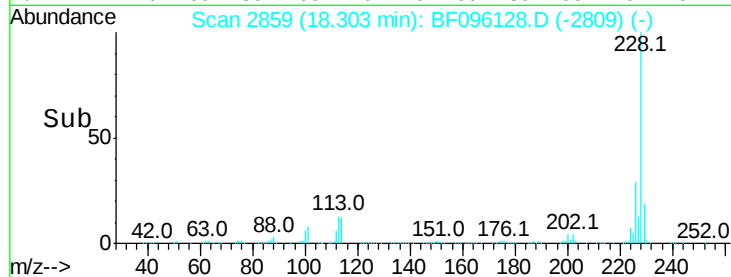
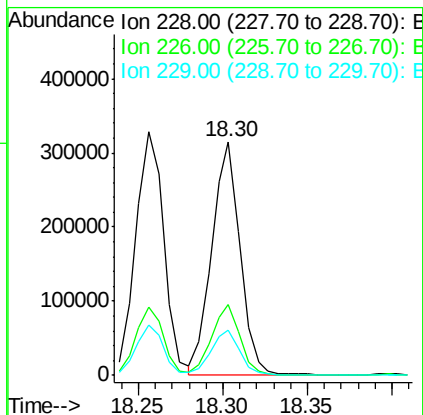
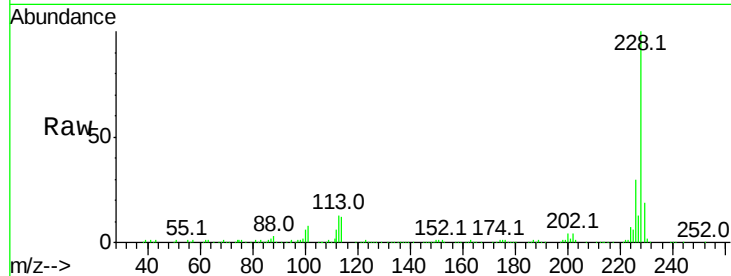
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.4	15.8	23.6

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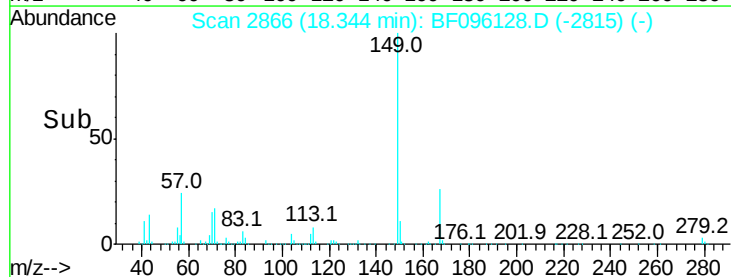
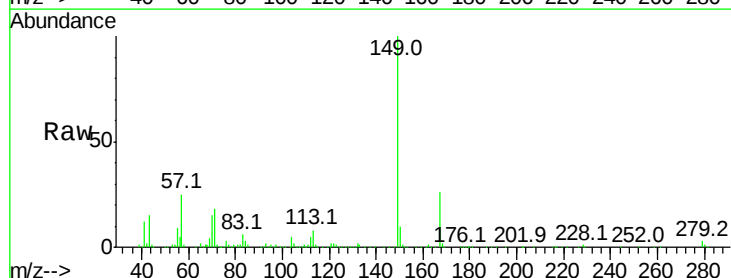
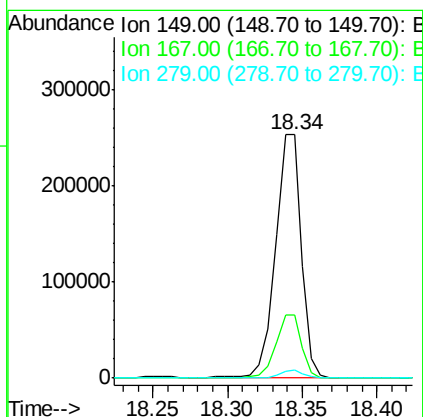
mohammad

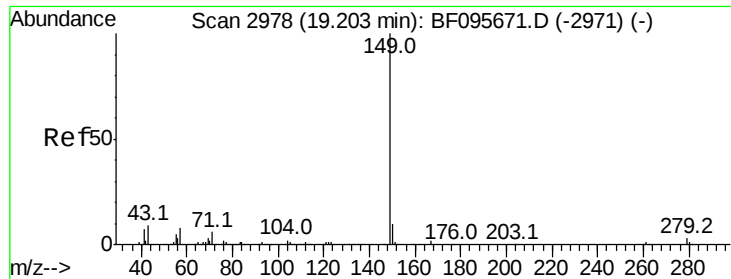
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#83
Bis(2-ethylhexyl)phthalate
Concen: 47.87 ng
RT: 18.34 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.5	1.9	2.9#





#84
Di-n-octyl phthalate
Concen: 45.56 ng
RT: 19.11 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

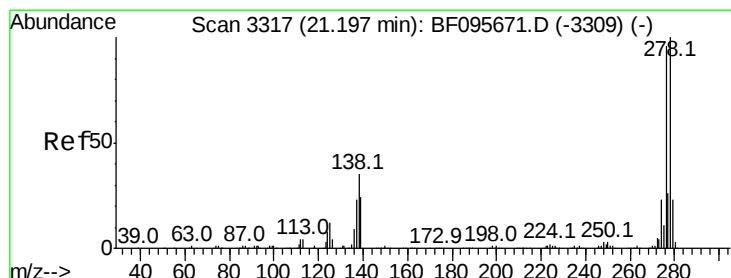
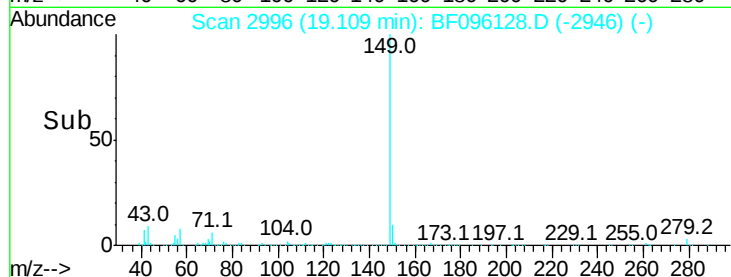
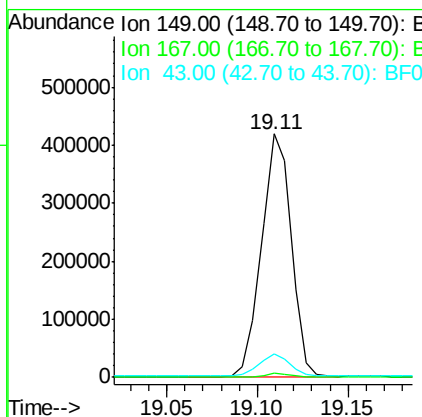
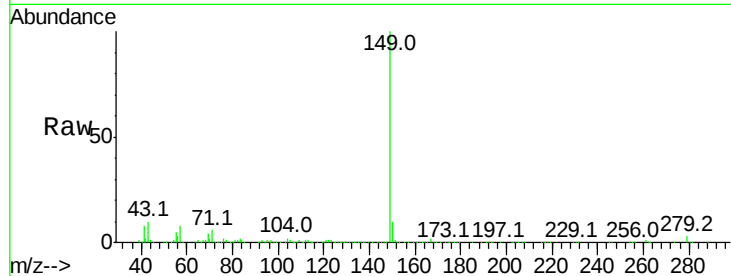
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	477417		
167	1.6	1.2	1.8	
43	9.2	8.5	12.7	

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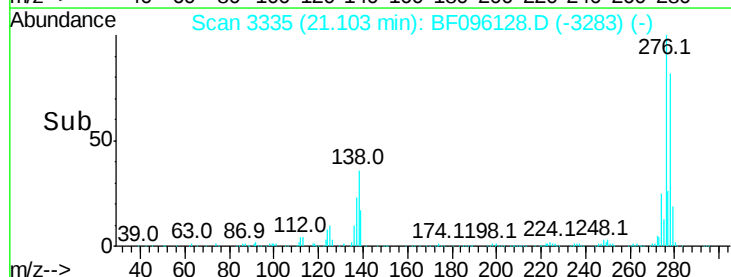
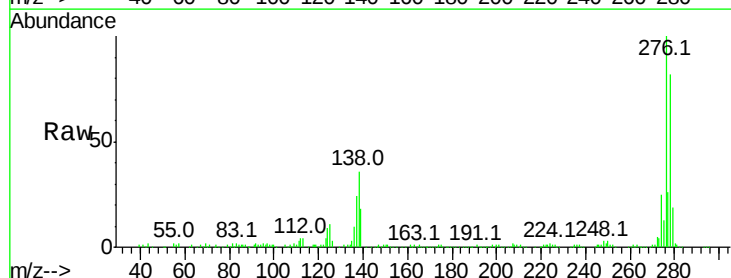
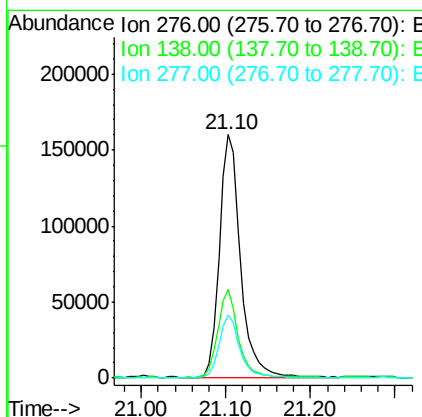
mohammad

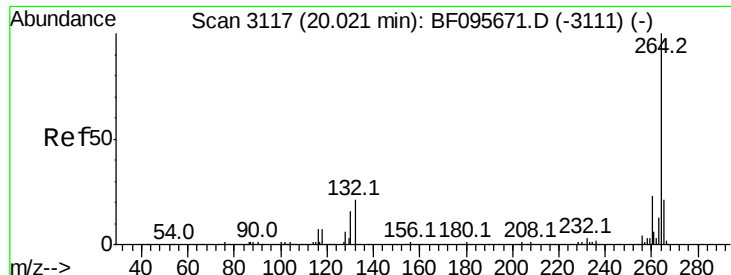
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#85
Indeno(1,2,3-cd)pyrene
Concen: 40.30 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	277192		
138	35.0	27.8	41.6	
277	24.9	20.2	30.4	





#86
Pervlone-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

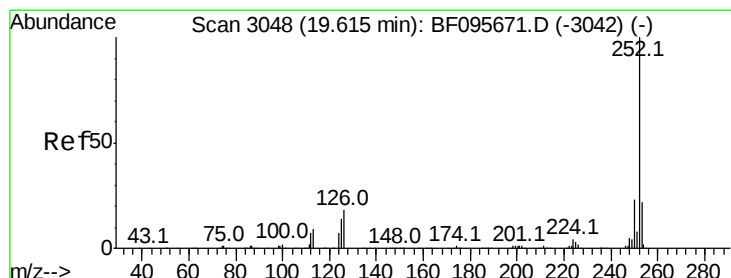
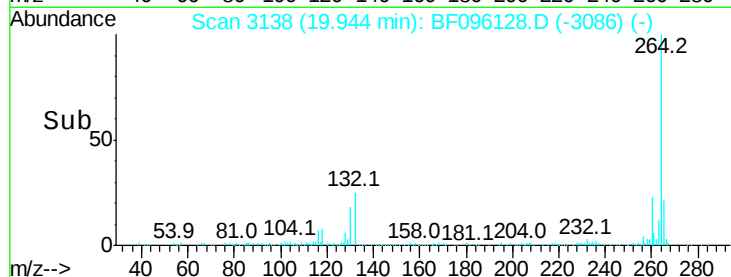
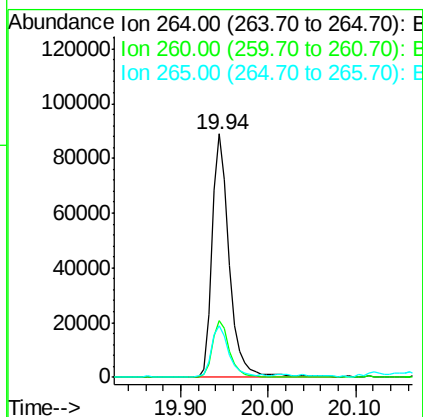
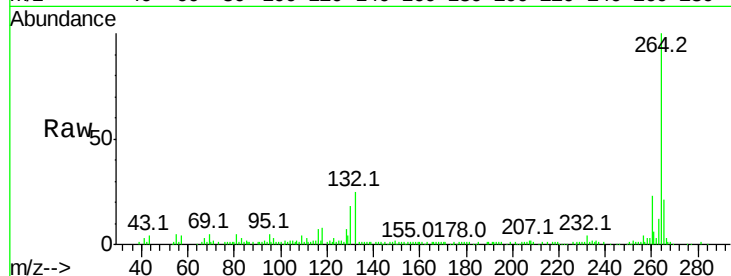
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.0	17.2	25.8

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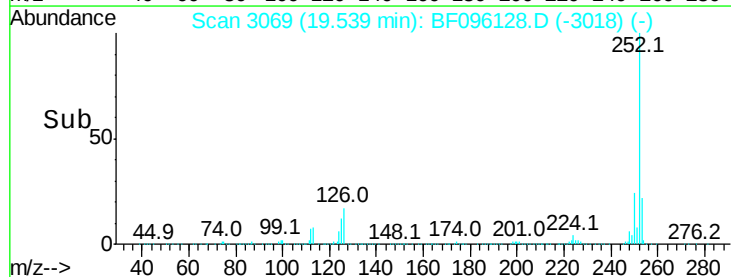
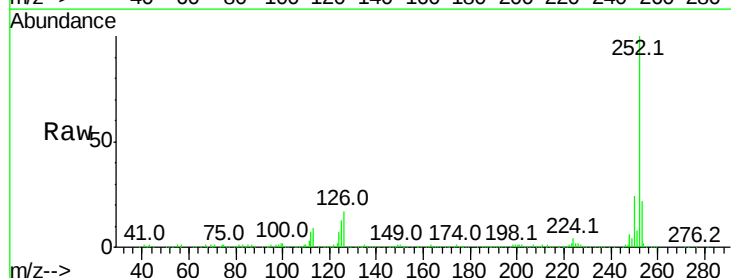
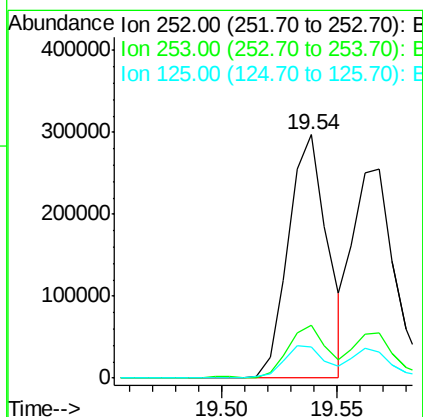
mohammad

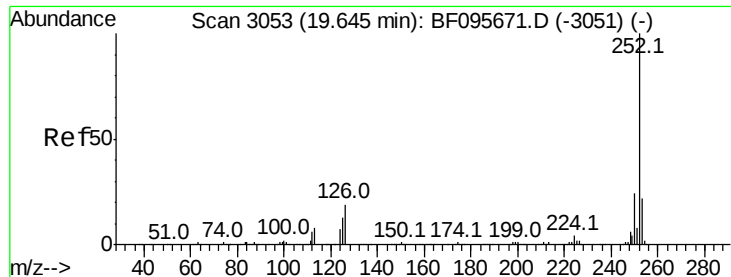
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#87
Benzo(b)fluoranthene
Concen: 45.97 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	12.6	9.8	14.8





#88
Benzo(k)fluoranthene
Concen: 44.19 ng
RT: 19.57 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

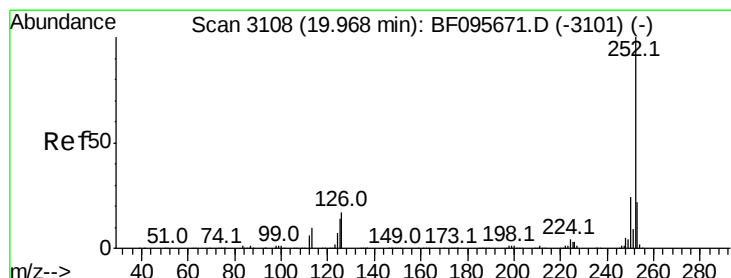
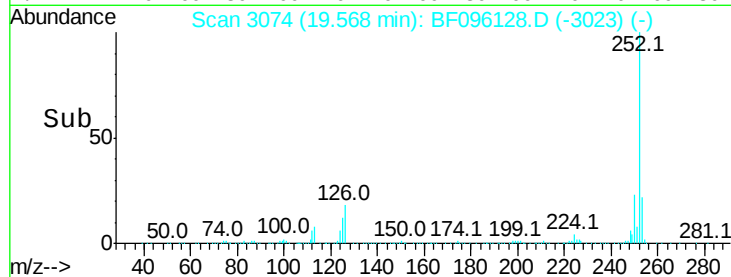
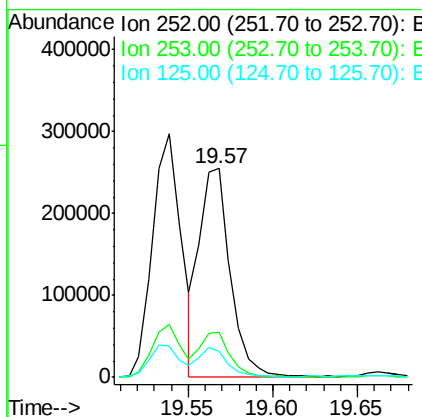
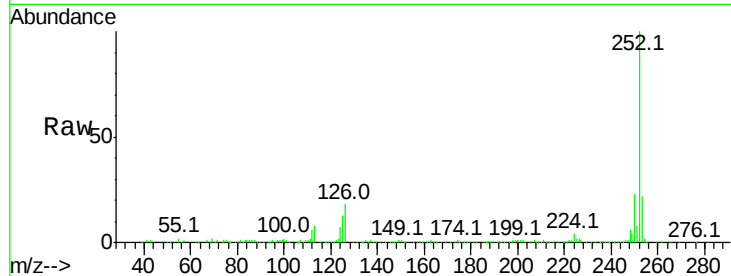
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	12.7	13.1	19.7

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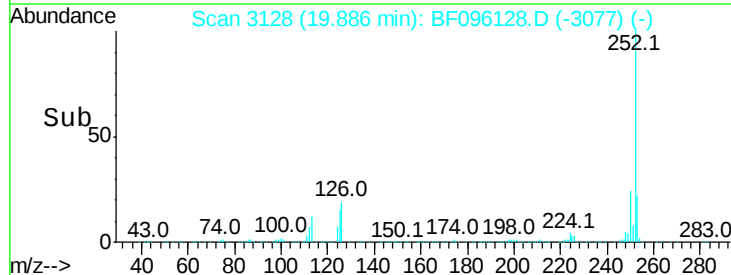
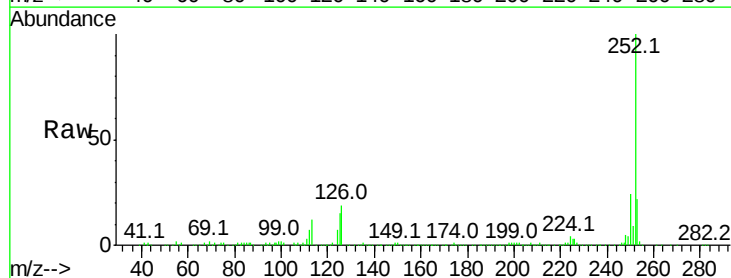
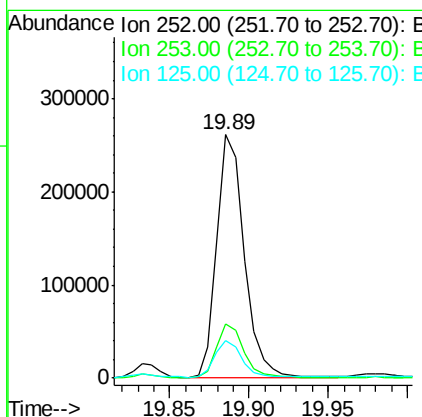
mohammad

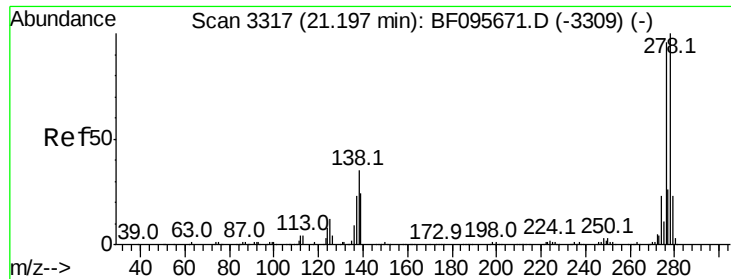
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#89
Benzo(a)pyrene
Concen: 45.19 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096128.D
Acq: 22 Jun 2017 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.3	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 39.94 ng

RT: 21.10 min Scan# 3335

Delta R.T. 0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Instrument :

BNA_F

ClientSampleId :

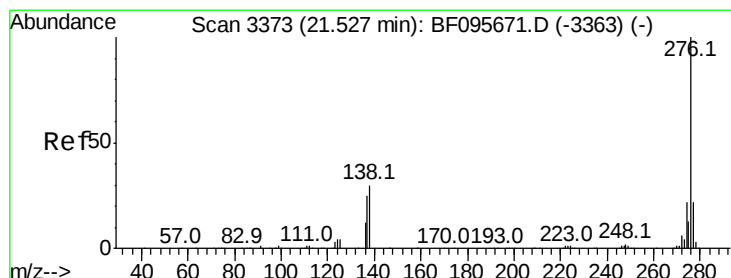
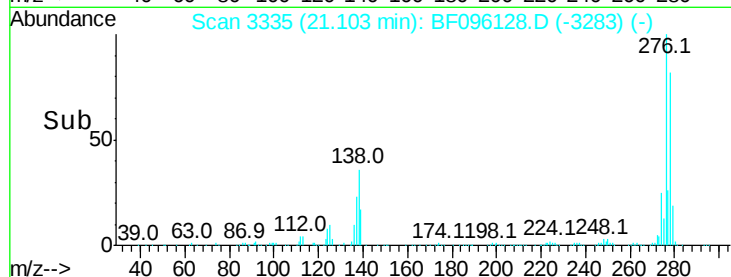
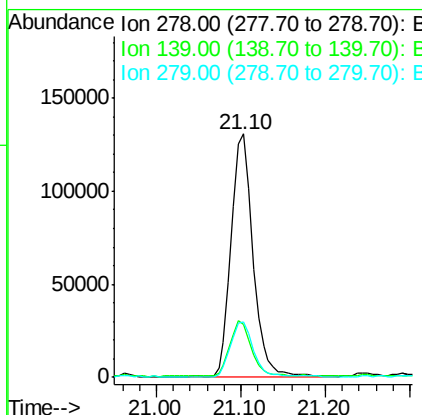
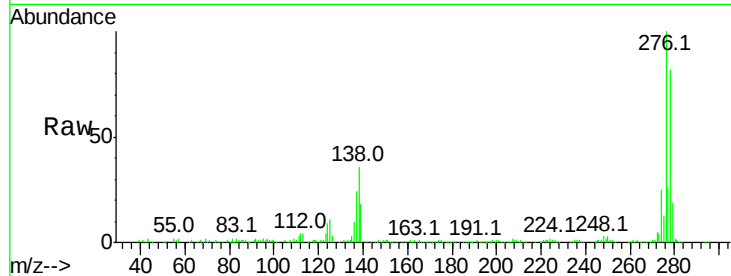
GHD-SB-020304-0-11MS

Tot Ion:	278	Resp:	236805
Ion Ratio	Lower	Upper	
278	100		
139	21.9	16.6	24.8
279	23.0	19.3	28.9

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#91

Benzo(g,h,i)perylene

Concen: 37.94 ng

RT: 21.43 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BF096128.D

Acq: 22 Jun 2017 18:27

Tgt Ion:	276	Resp:	229351
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.6	28.0
138	30.1	25.4	38.0

