

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095988.D
 Acq On : 17 Jun 2017 9:49
 Operator : SJ/MA
 Sample : I3688-13MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Manual Integrations
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Quant Time: Jun 19 01:38:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63834	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	261803	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	112593	20.00	ng	0.00
63) Phenanthrene-d10	14.56	188	170251	20.00	ng	0.00
75) Chrysene-d12	18.29	240	122420	20.00	ng	-0.01
86) Perylene-d12	19.96	264	118218	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	628178	156.81	ng	0.01
7) Phenol-d6	6.90	99	731425	152.51	ng	0.00
23) Nitrobenzene-d5	8.25	82	433144	102.75	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	132852	133.36	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	801262	99.03	ng	0.00
78) Terphenyl-d14	16.94	244	468501	94.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.70	88	73177	38.40	ng	93
3) Pyridine	2.25	79	155656m	34.75	ng	
4) n-Nitrosodimethylamine	2.21	42	77451	45.48	ng	81
6) Aniline	6.83	93	134937	21.51	ng	95
8) 2-Chlorophenol	7.01	128	211486	49.65	ng	97
9) Benzaldehyde	6.65	77	60368	18.66	ng	97
10) Phenol	6.92	94	263657	53.00	ng	89
11) bis(2-Chloroethyl)ether	6.97	93	187439	47.56	ng	96
12) 1,3-Dichlorobenzene	7.22	146	219429	45.51	ng	99
13) 1,4-Dichlorobenzene	7.35	146	223480	45.71	ng	97
14) 1,2-Dichlorobenzene	7.58	146	214425	47.57	ng	97
15) Benzyl Alcohol	7.64	79	165124	50.16	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.82	45	262090	47.33	ng	97
17) 2-Methylphenol	7.87	107	172363	48.22	ng	96
18) Hexachloroethane	8.09	117	73311	45.40	ng	# 83
19) n-Nitroso-di-n-propylamine	8.06	70	145021	47.72	ng	93
20) 3+4-Methylphenols	8.15	107	218228	48.09	ng	# 58
22) Acetophenone	8.02	105	292423	47.72	ng	# 83
24) Nitrobenzene	8.27	77	208898	46.39	ng	94
25) Isophorone	8.68	82	364106	46.26	ng	96
26) 2-Nitrophenol	8.79	139	112631	47.77	ng	98
27) 2,4-Dimethylphenol	8.95	122	178427	48.76	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	241656	46.57	ng	97
29) 2,4-Dichlorophenol	9.23	162	162961	46.24	ng	99
30) 1,2,4-Trichlorobenzene	9.29	180	169484	46.22	ng	99
31) Naphthalene	9.39	128	595744	45.34	ng	100
32) Benzoic acid	9.26	122	13270	10.30	ng	96
33) 4-Chloroaniline	9.57	127	72577	14.13	ng	95
34) Hexachlorobutadiene	9.60	225	85376	45.06	ng	99
35) Caprolactam	10.17	113	48543m	46.29	ng	
36) 4-Chloro-3-methylphenol	10.43	107	177119	48.01	ng	88
37) 2-Methylnaphthalene	10.52	142	410464	46.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	156908	46.56	ng	98
40) Hexachlorocyclopentadiene	10.76	237	21943	29.10	ng	93

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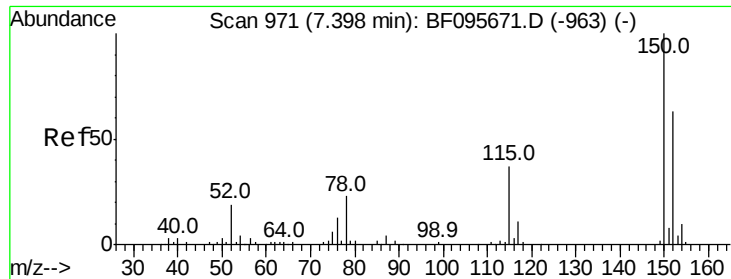
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	105880	48.87	nq	98
43) 2,4,5-Trichlorophenol	11.13	196	98627	42.80	nq	96
45) 1,1'-Biphenyl	11.28	154	441537	47.58	nq	98
46) 2-Chloronaphthalene	11.30	162	341259	47.07	nq	96
47) 2-Nitroaniline	11.52	65	98800	46.56	nq	# 84
48) Acenaphthylene	11.94	152	518904	41.85	nq	99
49) Dimethylphthalate	11.84	163	498168	58.27	nq	99
50) 2,6-Dinitrotoluene	11.94	165	82828	44.42	nq	# 74
51) Acenaphthene	12.23	154	308953	43.15	nq	98
52) 3-Nitroaniline	12.21	138	60361	27.78	nq	90
53) 2,4-Dinitrophenol	12.46	184	29635m	32.27	nq	
54) Dibenzofuran	12.52	168	474913	47.12	nq	97
55) 4-Nitrophenol	12.63	139	86783	69.09	nq	# 74
56) 2,4-Dinitrotoluene	12.61	165	114213	45.35	nq	# 89
57) Fluorene	13.07	166	372788	42.51	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	68789	43.63	nq	# 97
59) Diethylphthalate	12.98	149	382997	46.55	nq	99
60) 4-Chlorophenyl-phenylether	13.09	204	171595	44.99	nq	89
61) 4-Nitroaniline	13.20	138	76711	37.82	nq	94
62) Azobenzene	13.35	77	345203	46.30	nq	95
64) 4,6-Dinitro-2-methylphenol	13.29	198	27043	24.17	nq	# 66
65) n-Nitrosodiphenylamine	13.31	169	318455	52.06	nq	97
66) 4-Bromophenyl-phenylether	13.87	248	89082	50.35	nq	97
67) Hexachlorobenzene	13.96	284	84700	48.58	nq	# 91
68) Atrazine	14.23	200	91853	53.95	nq	96
69) Pentachlorophenol	14.33	266	41313	63.94	nq	92
70) Phenanthrene	14.60	178	478255	48.69	nq	99
71) Anthracene	14.69	178	469171	45.75	nq	97
72) Carbazole	14.99	167	419999	42.02	nq	96
73) Di-n-butylphthalate	15.58	149	539539	50.74	nq	98
74) Fluoranthene	16.39	202	456398	46.94	nq	99
76) Benzidine	16.62	184	112250	23.87	nq	# 93
77) Pyrene	16.69	202	455849	49.90	nq	99
79) Butylbenzylphthalate	17.61	149	177453	44.48	nq	89
80) Benzo(a)anthracene	18.27	228	350150	49.20	nq	99
81) 3,3'-Dichlorobenzidine	18.26	252	102191	40.38	nq	# 97
82) Chrysene	18.32	228	343841	48.34	nq	98
83) Bis(2-ethylhexyl)phthalate	18.36	149	240920	42.81	nq	# 100
84) Di-n-octyl phthalate	19.13	149	410413	44.26	nq	95
85) Indeno(1,2,3-cd)pyrene	21.11	276	285859	46.97	nq	98
87) Benzo(b)fluoranthene	19.55	252	384961	52.00	nq	97
88) Benzo(k)fluoranthene	19.58	252	315487m	44.59	nq	
89) Benzo(a)pyrene	19.90	252	334174	49.12	nq	99
90) Dibenzo(a,h)anthracene	21.11	278	239008	41.41	nq	97
91) Benzo(g,h,i)perylene	21.44	276	233889	39.75	nq	98

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



#1

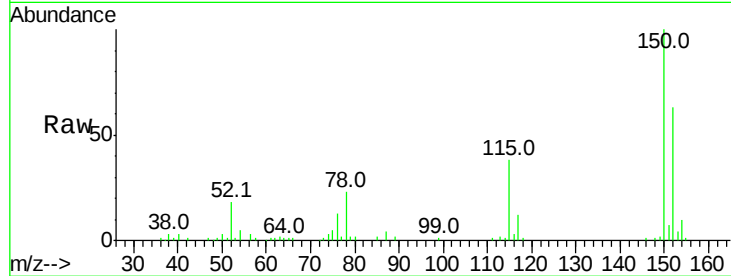
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	60.4	52.2	78.2

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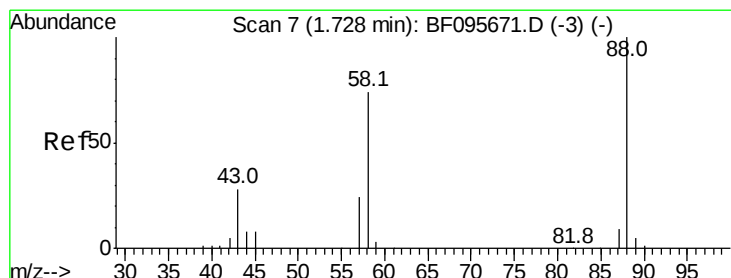
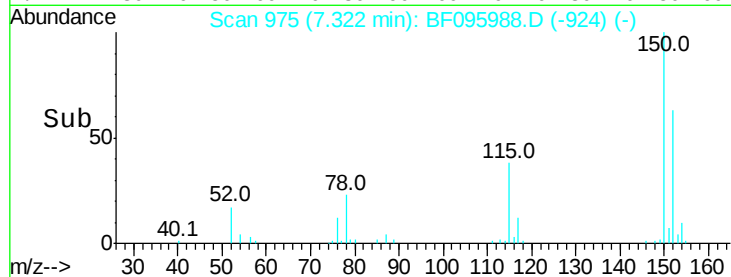
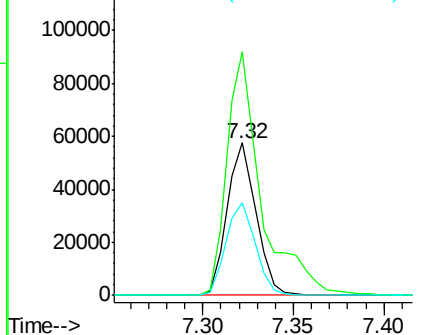


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

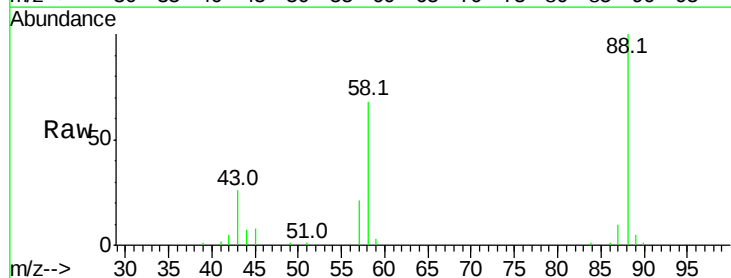
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.40 ng
RT: 1.70 min Scan# 19
Delta R.T. 0.06 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	61.4	92.0
43	25.3	23.4	35.0

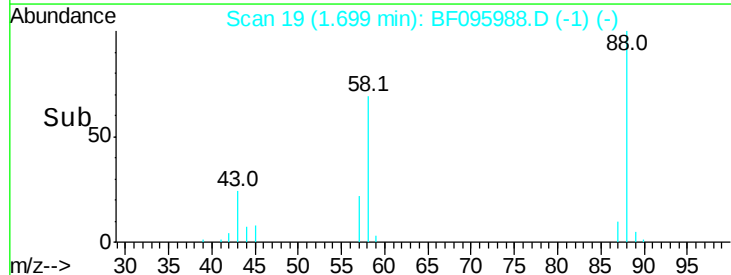
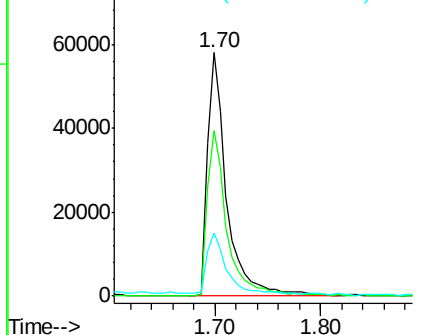


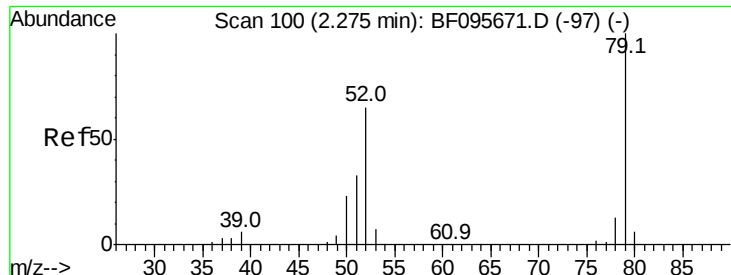
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





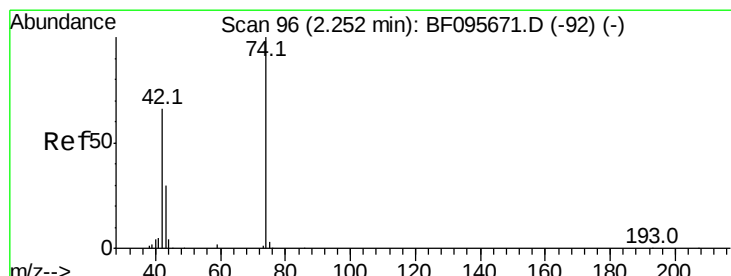
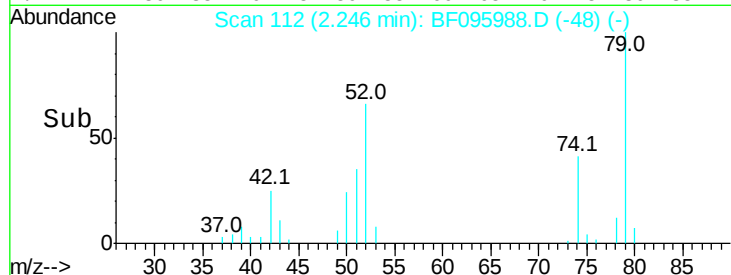
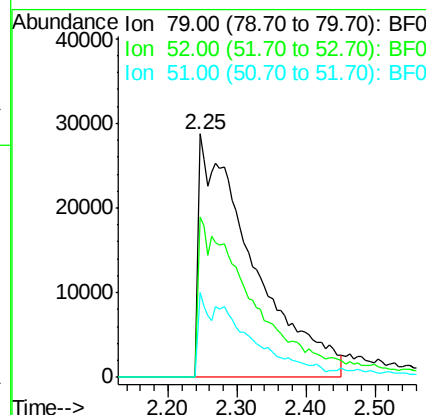
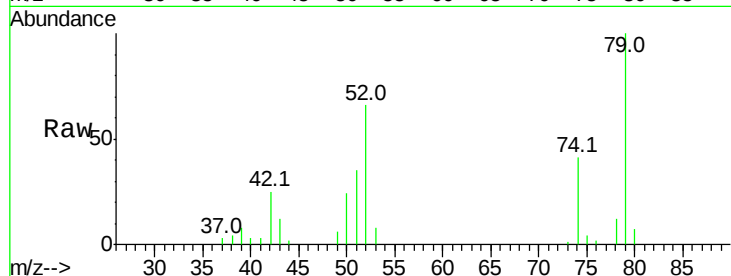
#3
 Pvridine
 Concen: 34.75 ng/ml
 RT: 2.25 min Scan# 112
 Delta R.T. 0.08 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion:	79	Resp:	155656
Ion Ratio	Lower	Upper	
79	100		
52	65.8	54.8	82.2
51	35.0	27.0	40.4

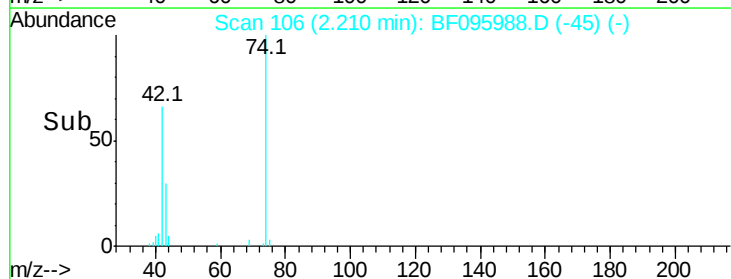
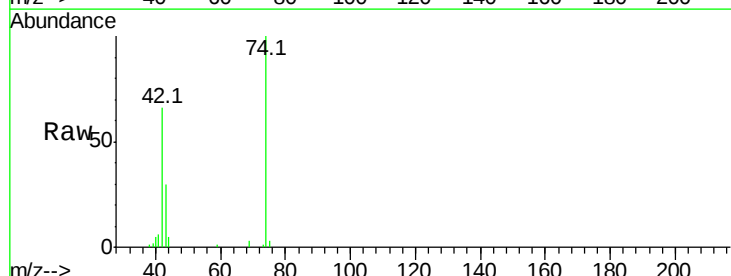
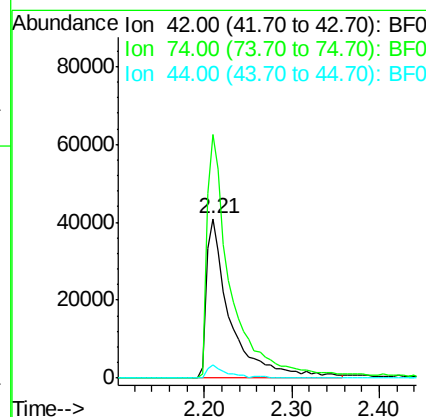
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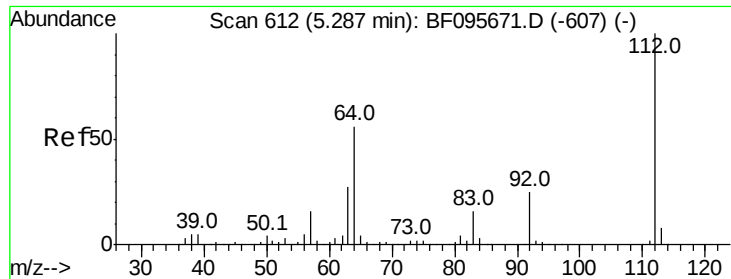
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#4
 n-Nitrosodimethylamine
 Concen: 45.48 ng
 RT: 2.21 min Scan# 106
 Delta R.T. 0.06 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion:	42	Resp:	77451
Ion Ratio	Lower	Upper	
42	100		
74	152.5	103.9	155.9
44	8.1	5.7	8.5





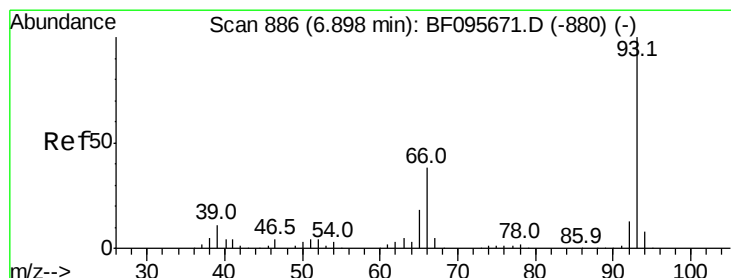
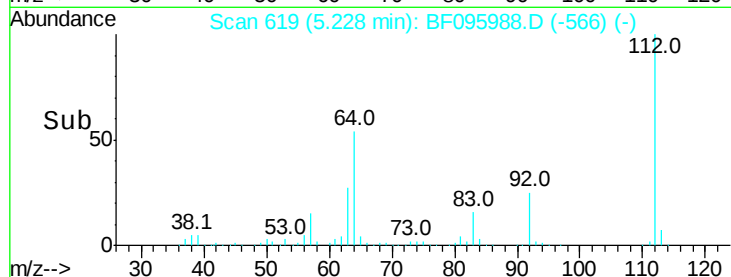
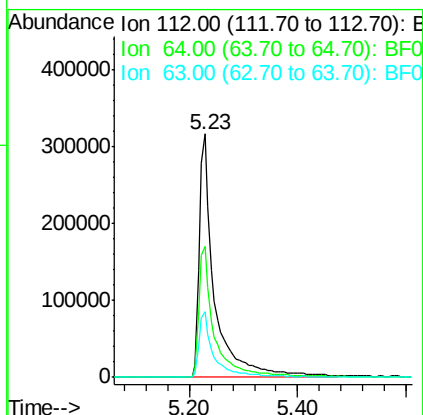
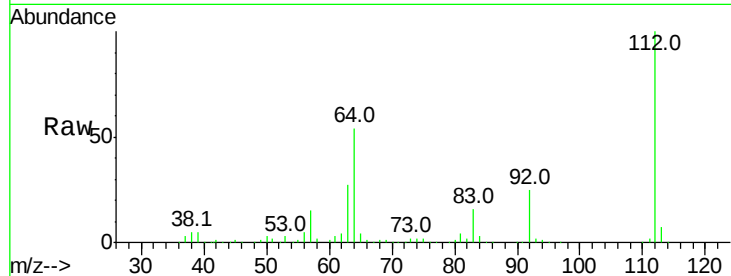
#5
2-Fluorophenol
Concen: 156.81 ng
RT: 5.23 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
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ClientSampleId :
G13-0-1.5MSD

Tot Ion:	112	Resp:	628178
Ion Ratio	Lower	Upper	
112	100		
64	53.7	46.0	69.0
63	26.9	23.4	35.0

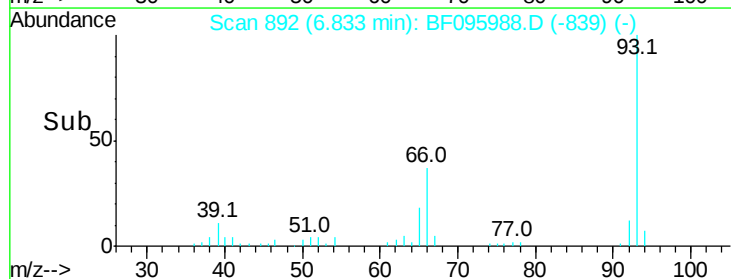
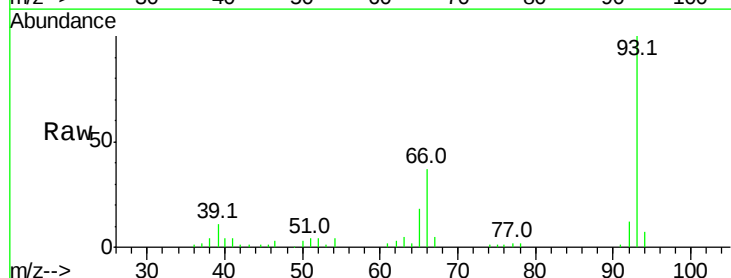
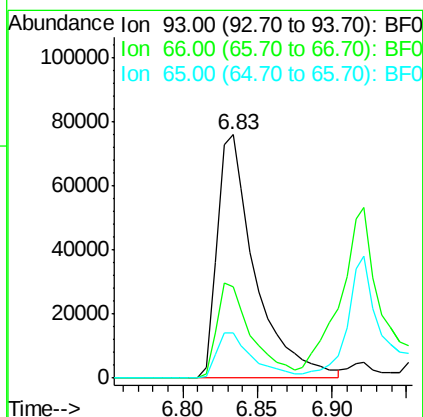
Manual Integrations
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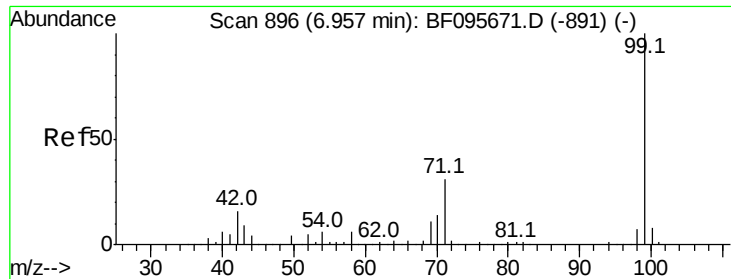
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#6
Aniline
Concen: 21.51 ng
RT: 6.83 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion:	93	Resp:	134937
Ion Ratio	Lower	Upper	
93	100		
66	37.3	32.9	49.3
65	18.5	16.0	24.0





#7

Phenol-d6

Concen: 152.51 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Instrument :

BNA_F

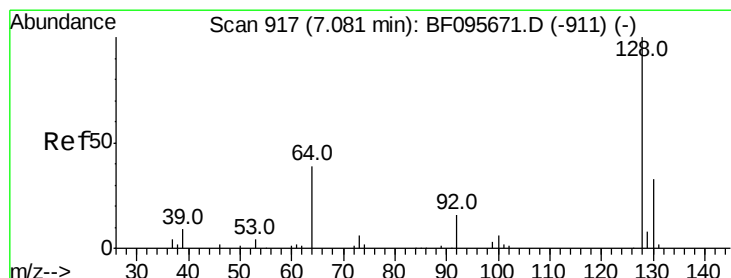
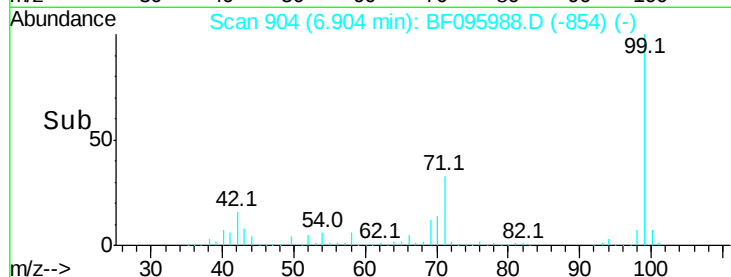
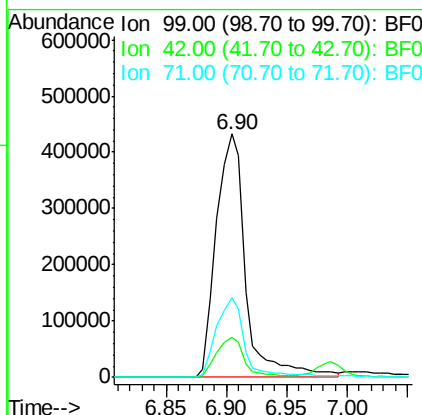
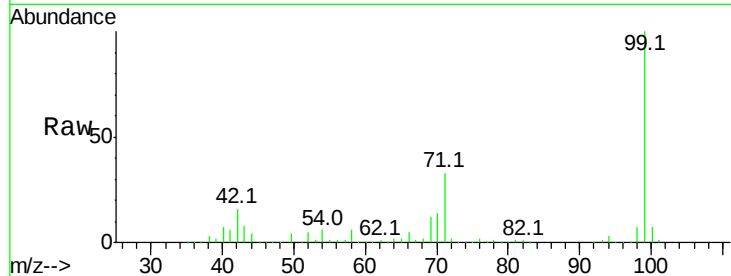
ClientSampleId :

G13-0-1.5MSD

Tot Ion:	99	Resp:	731425
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	32.6	24.5	36.7

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#8

2-Chlorophenol

Concen: 49.65 ng

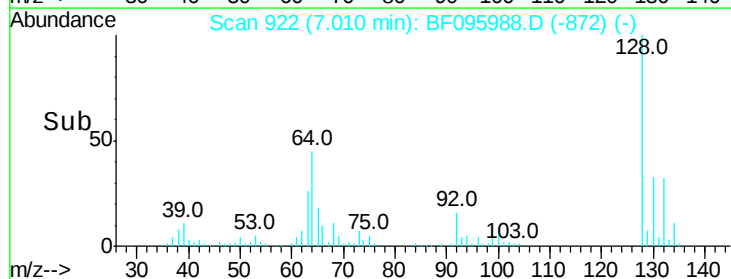
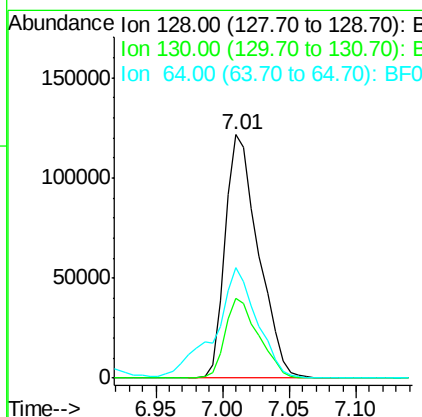
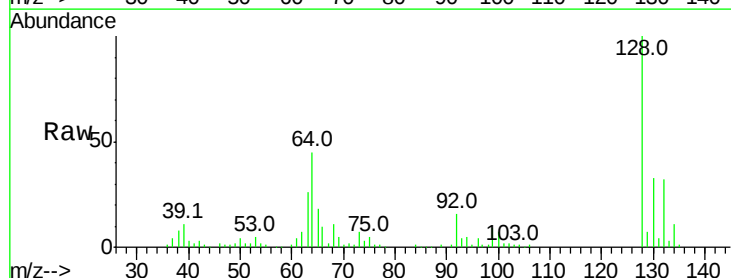
RT: 7.01 min Scan# 922

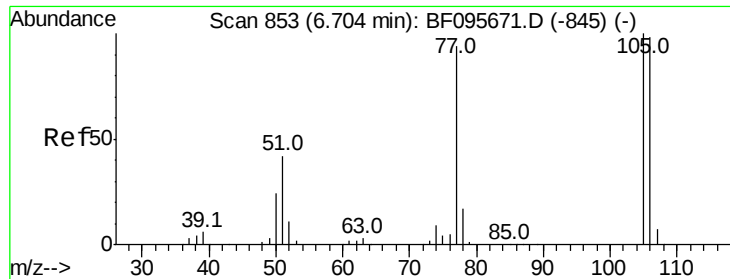
Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Tgt Ion:	128	Resp:	211486
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	45.4	28.4	68.4





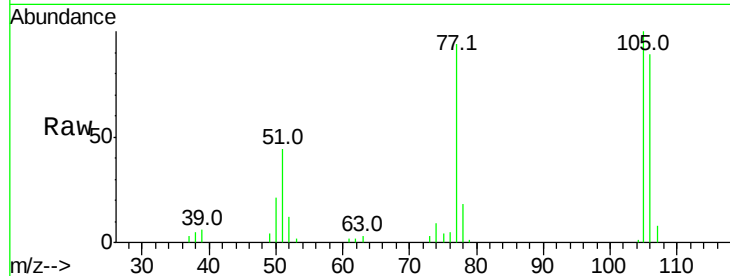
#9
Benzaldehyde
Concen: 18.66 ng
RT: 6.65 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
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ClientSampleId :
G13-0-1.5MSD

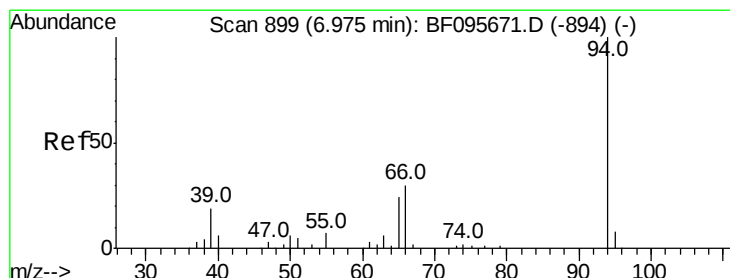
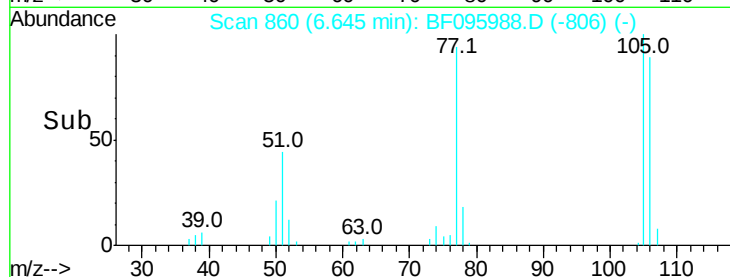
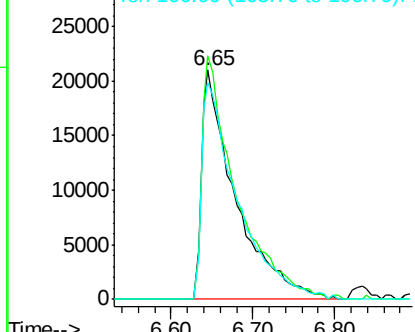
Tot Ion: 77 Resp: 60368
Ion Ratio Lower Upper
77 100
105 106.2 83.8 123.8
106 94.7 79.1 119.1

Manual Integrations
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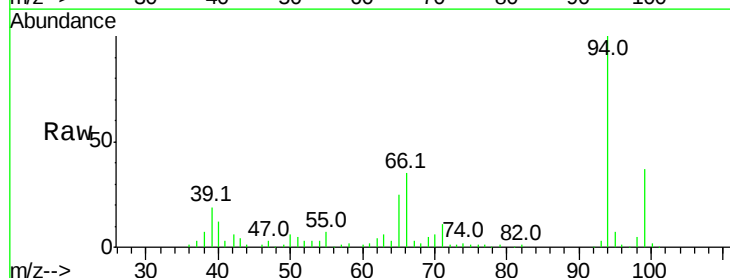


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

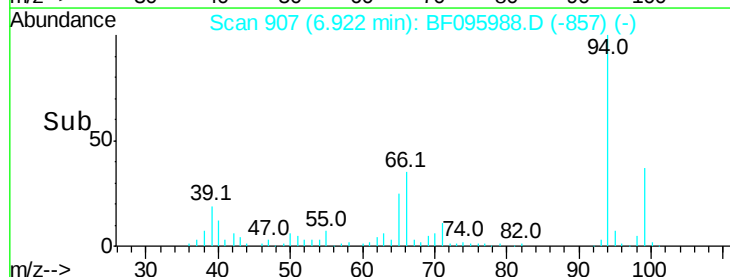
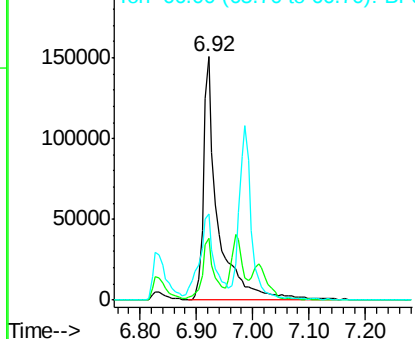


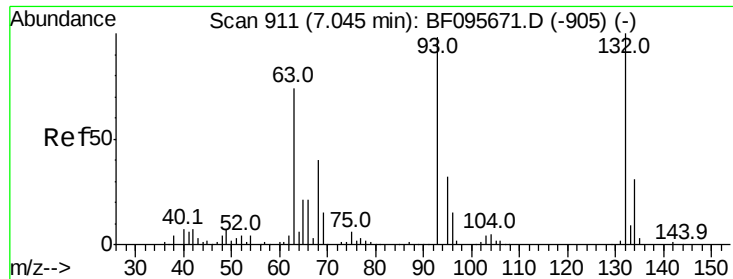
#10
Phenol
Concen: 53.00 ng
RT: 6.92 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion: 94 Resp: 263657
Ion Ratio Lower Upper
94 100
65 25.2 9.9 49.9
66 35.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





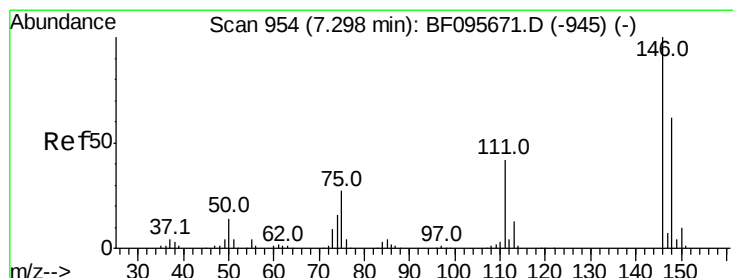
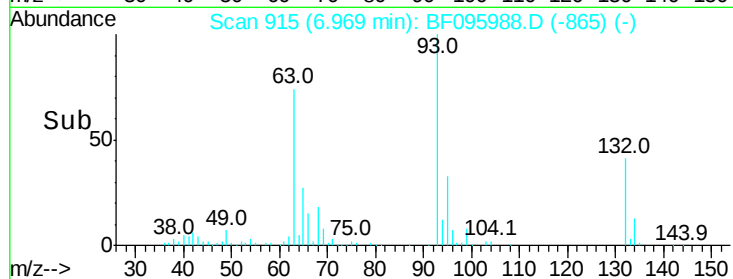
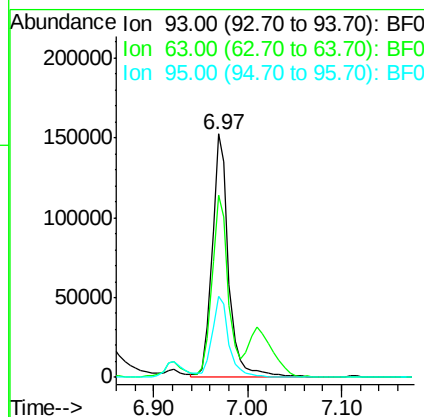
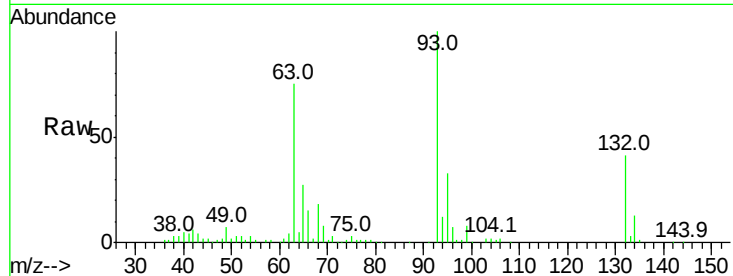
#11
bis(2-Chloroethyl)ether
Concen: 47.56 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	187439		
63	74.6	59.2	99.2	
95	33.5	12.8	52.8	

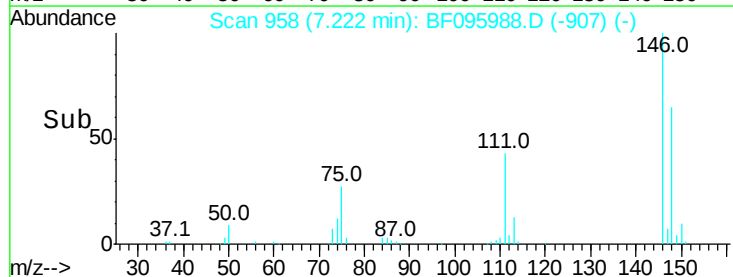
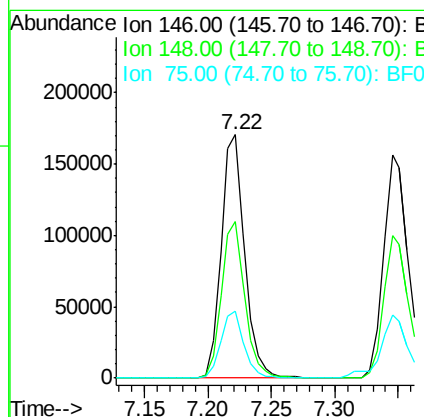
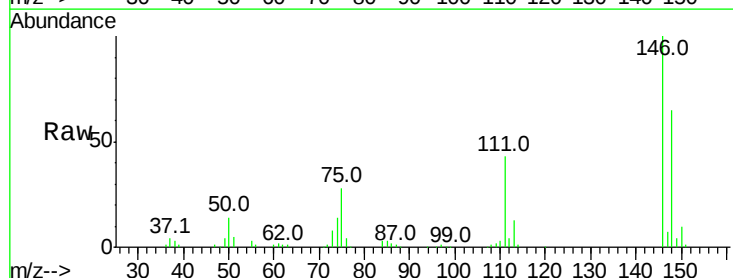
Manual Integrations
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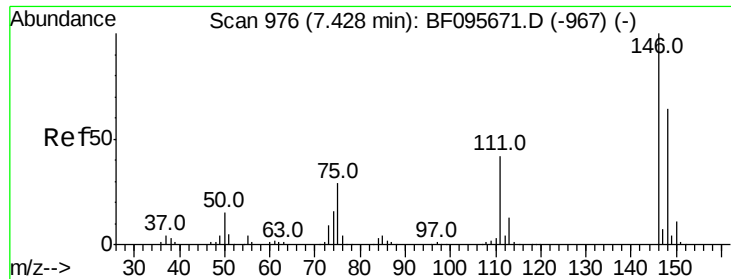
mohammad
6/19/2017 3:47:58 PM



#12
1,3-Dichlorobenzene
Concen: 45.51 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	219429		
148	64.5	51.8	77.6	
75	27.5	23.1	34.7	





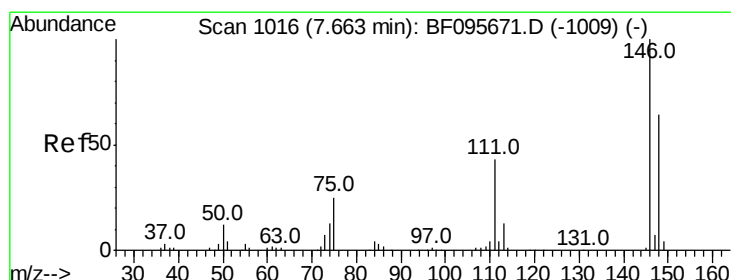
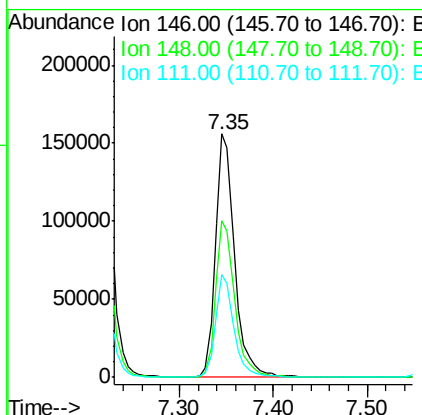
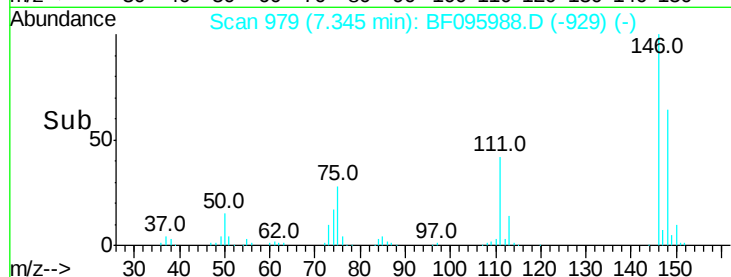
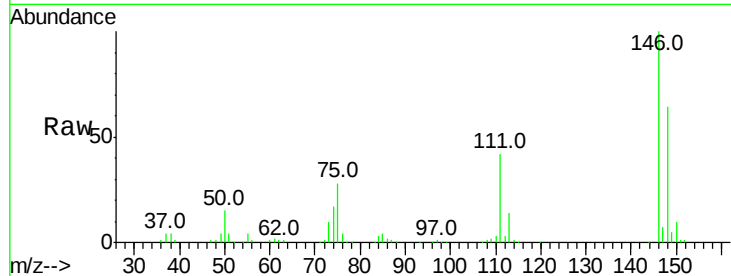
#13
 1,4-Dichlorobenzene
 Concen: 45.71 ng
 RT: 7.35 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	42.2	30.3	45.5

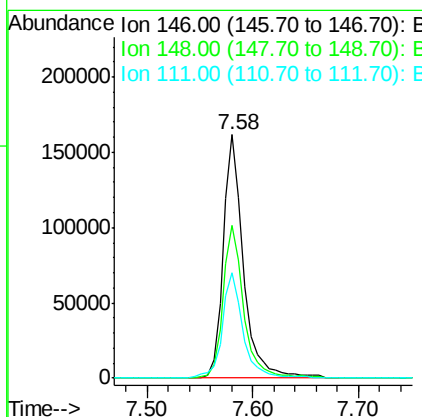
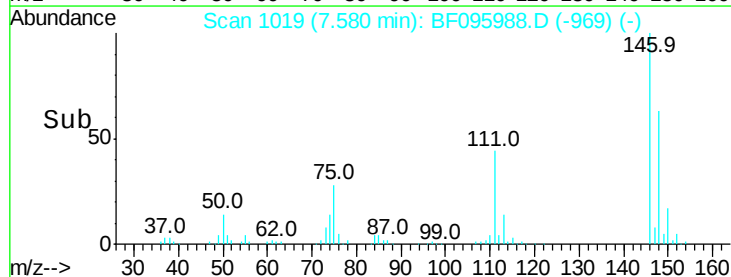
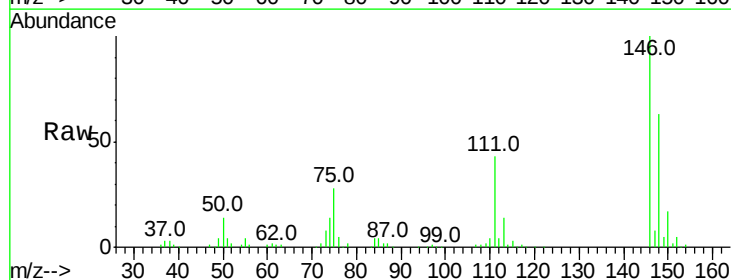
Manual Integrations
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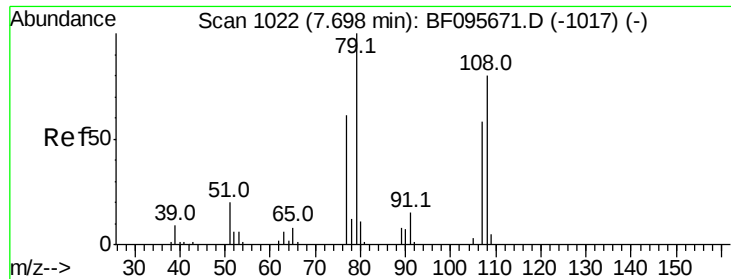
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.57 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.4	75.6
111	43.4	38.2	57.4





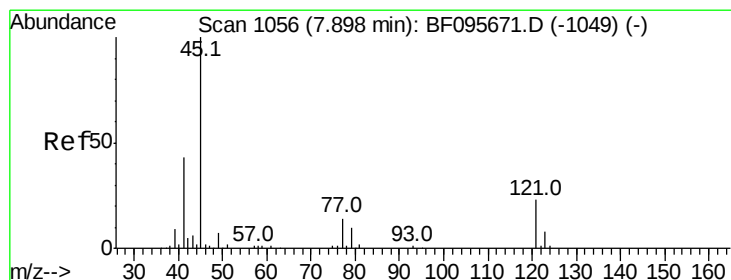
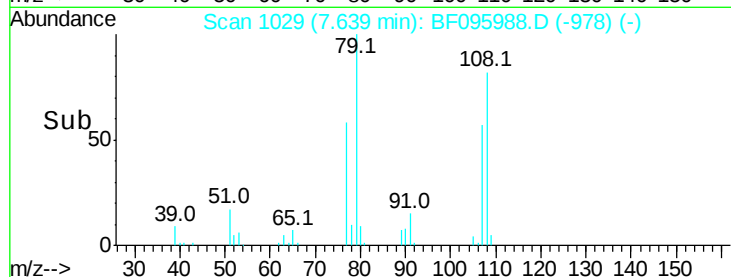
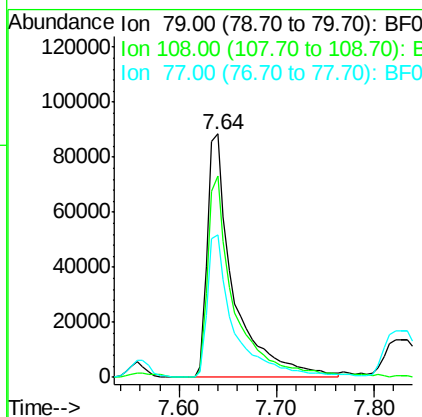
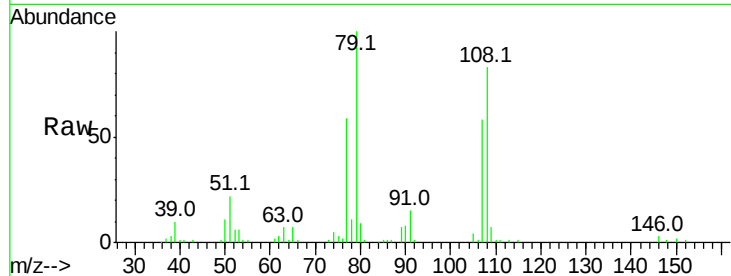
#15
Benzyl Alcohol
Concen: 50.16 ng
RT: 7.64 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	165124		
108	82.6	63.4	95.0	
77	58.7	49.2	73.8	

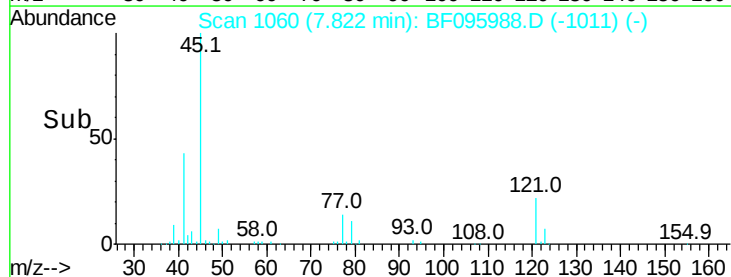
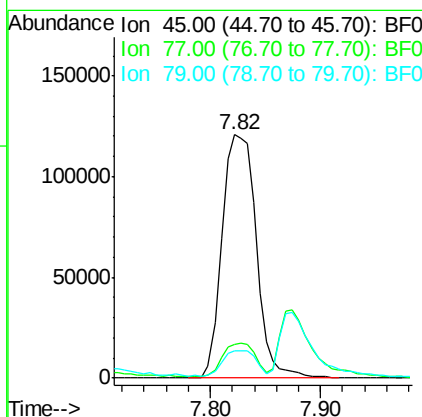
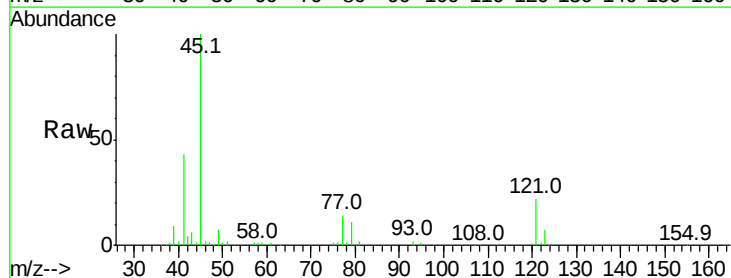
Manual Integrations
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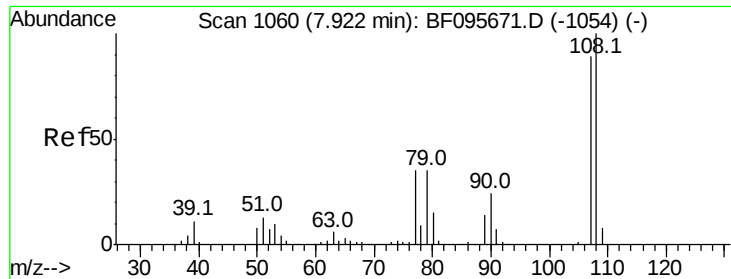
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.33 ng
RT: 7.82 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	262090		
77	14.0	0.0	33.2	
79	11.5	0.0	30.0	





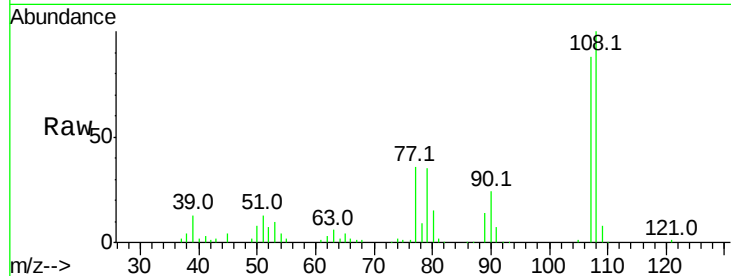
#17
2-Methylphenol
Concen: 48.22 ng
RT: 7.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

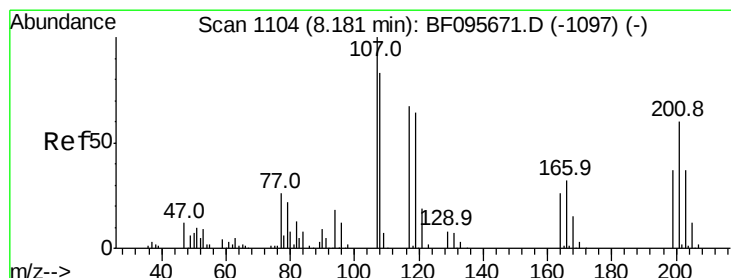
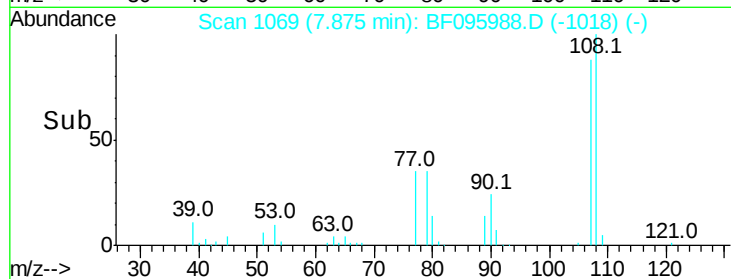
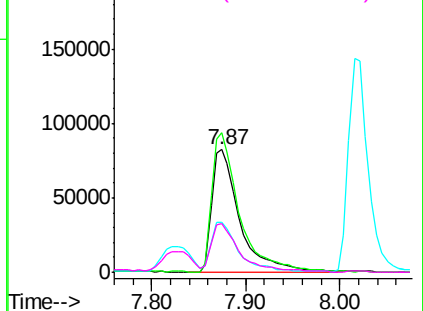
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	93.4	140.0	
77	41.1	35.8	53.6	
79	39.9	34.8	52.2	

Manual Integrations
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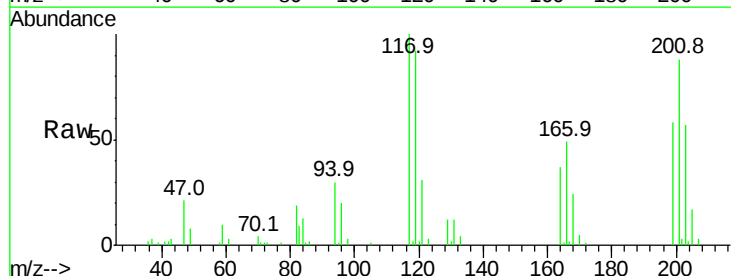


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

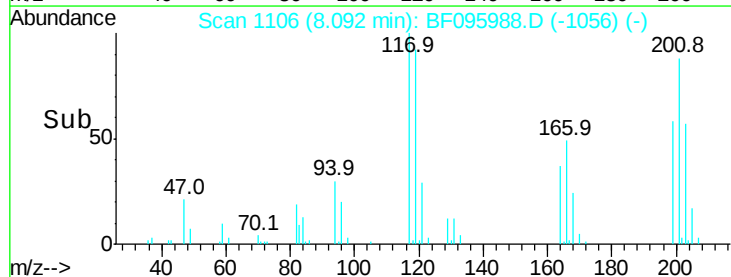
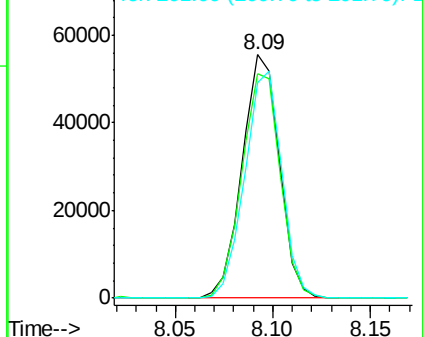


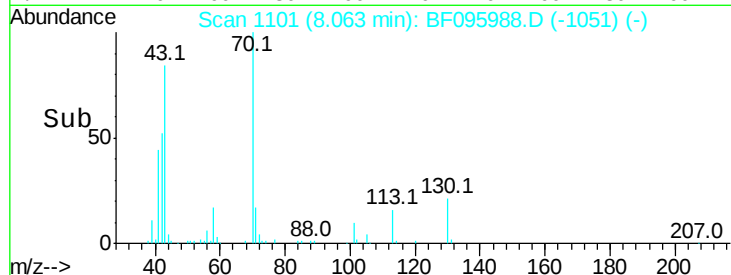
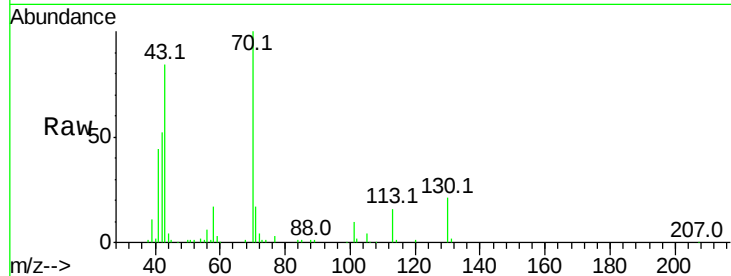
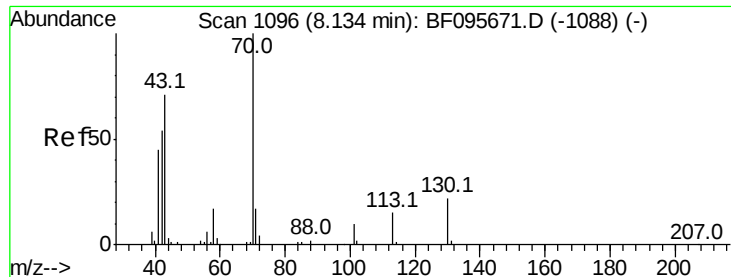
#18
Hexachloroethane
Concen: 45.40 ng
RT: 8.09 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.2	77.4	116.0	
201	88.4	94.6	141.8#	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





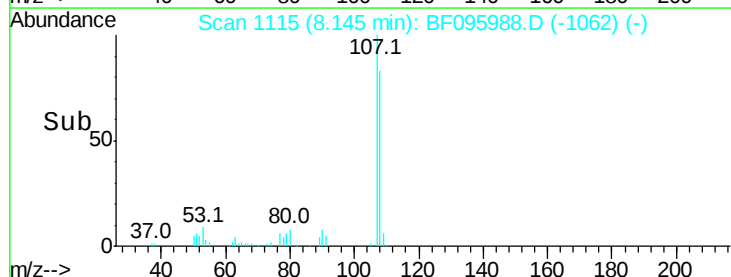
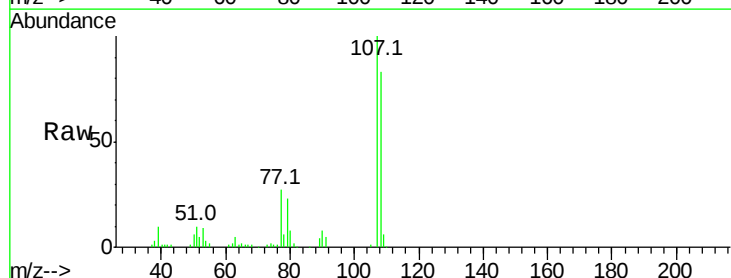
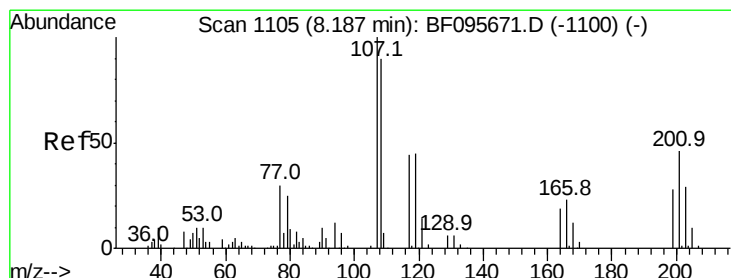
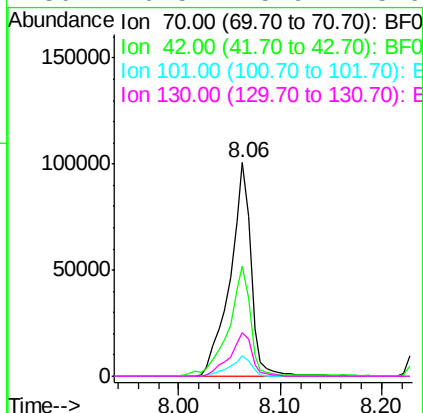
#19
n-Nitroso-di-n-propylamine
Concen: 47.72 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.2	70.8
101	9.5	7.2	10.8
130	20.5	15.9	23.9

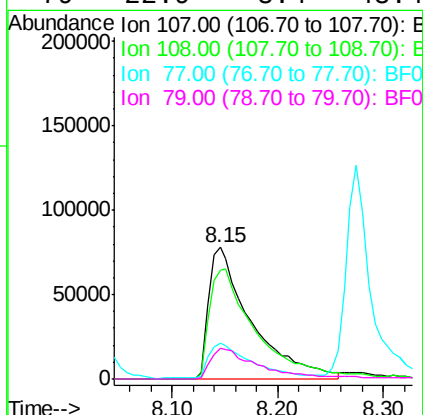
Manual Integrations
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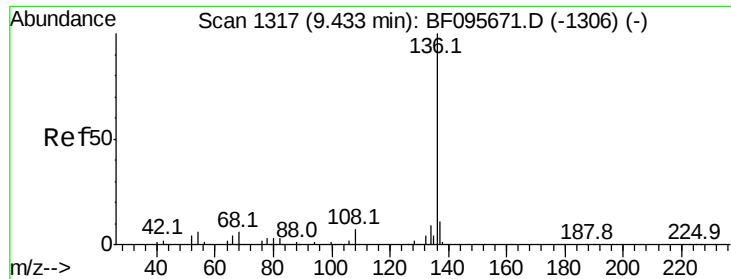
mohammad
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#20
3+4-Methylphenols
Concen: 48.09 ng
RT: 8.15 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.9	71.0	111.0
77	27.3	90.5	130.5#
79	22.9	8.4	48.4





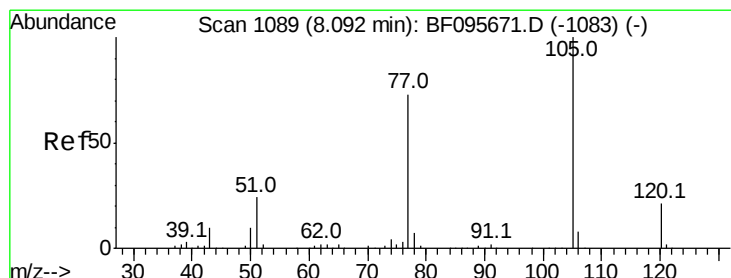
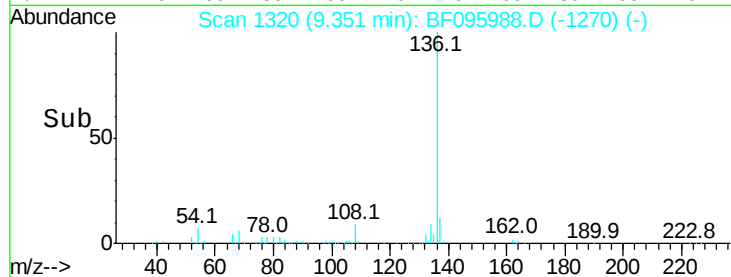
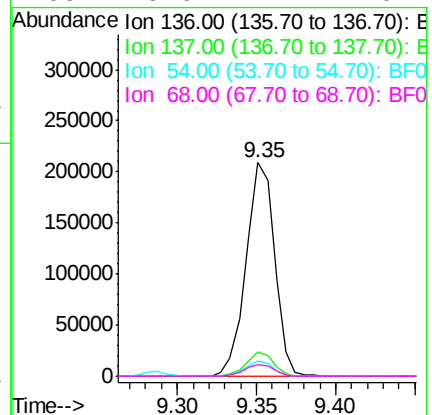
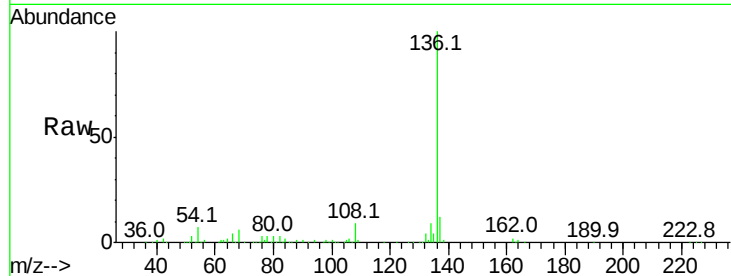
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.35 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	261803		
137	11.6	8.5	12.7	
54	7.2	4.9	7.3	
68	5.6	4.1	6.1	

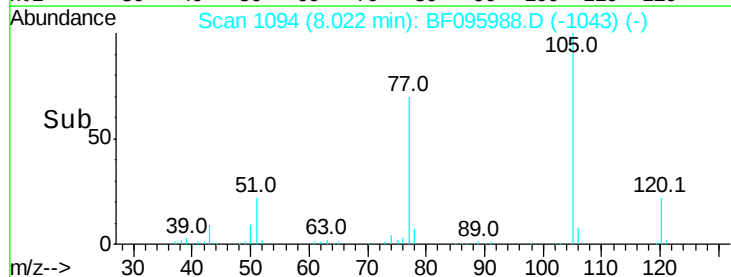
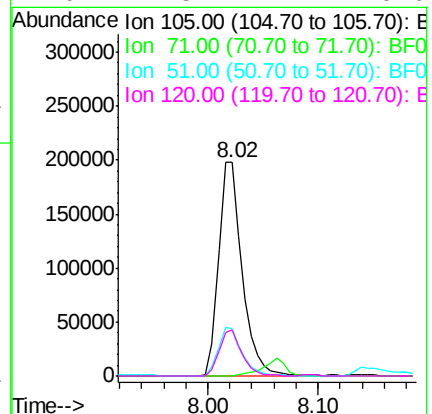
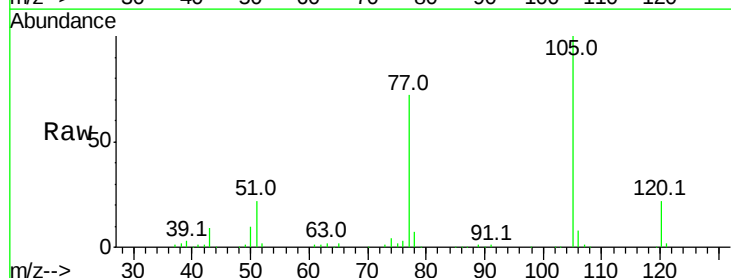
Manual Integrations
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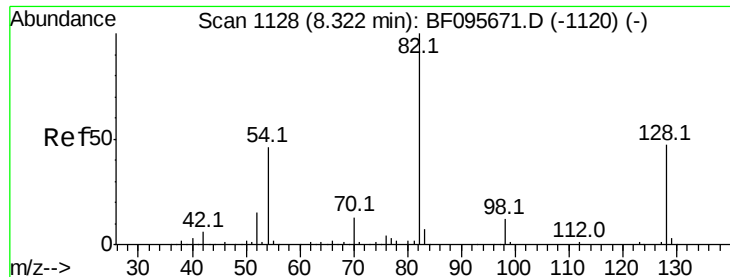
mohammad
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#22
Acetophenone
Concen: 47.72 ng
RT: 8.02 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	292423		
71	0.0	2.8	4.2#	
51	22.5	30.7	46.1#	
120	21.5	17.4	26.0	





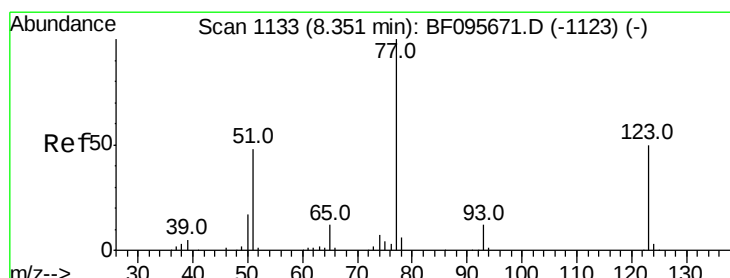
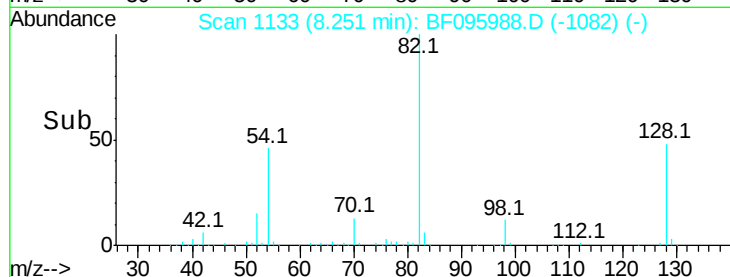
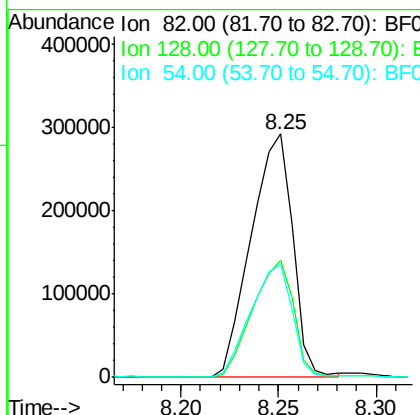
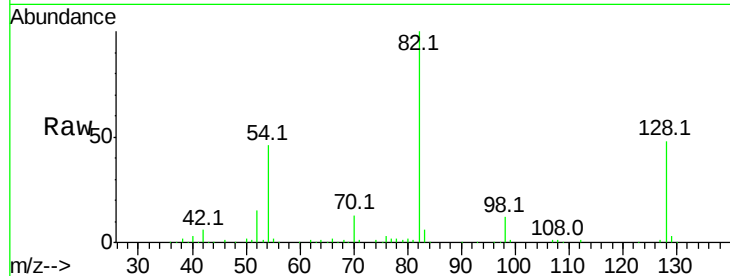
#23
 Nitrobenzene-d5
 Concen: 102.75 ng
 RT: 8.25 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	46.4	42.2	63.2

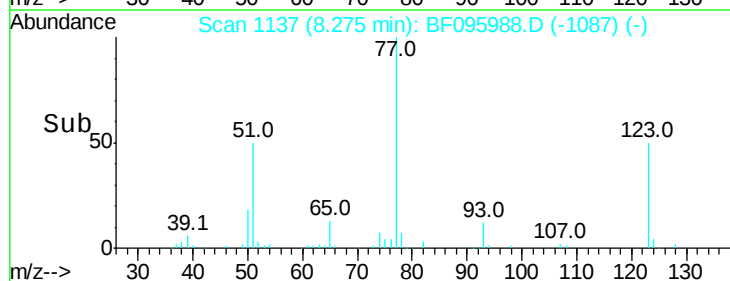
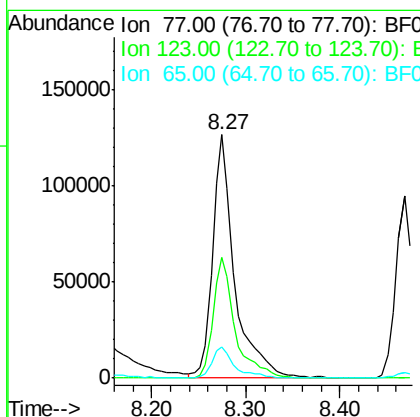
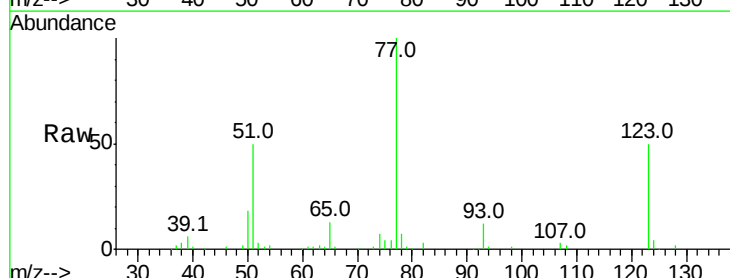
Manual Integrations
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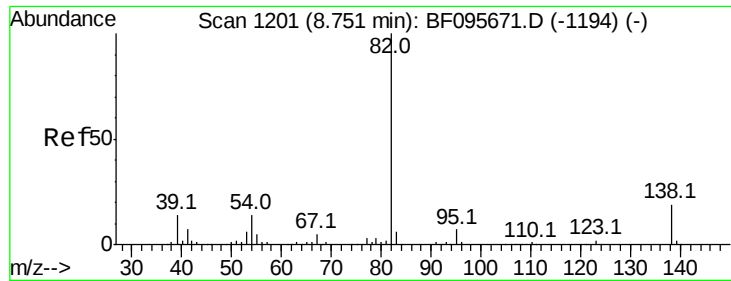
mohammad
 6/19/2017 3:47:58 PM



#24
 Nitrobenzene
 Concen: 46.39 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

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





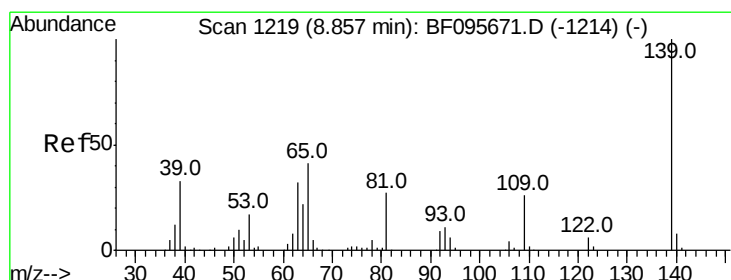
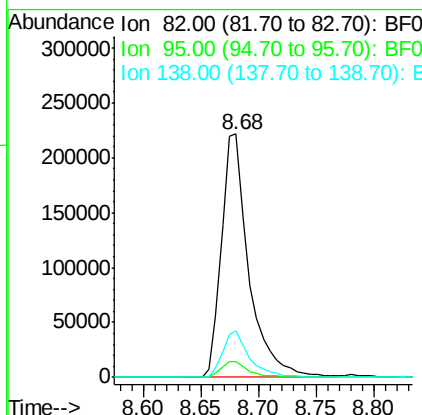
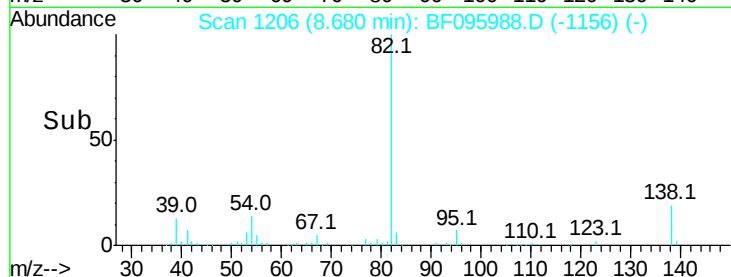
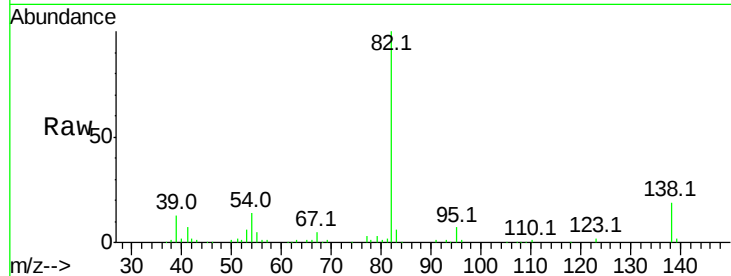
#25
Isophorone
Concen: 46.26 ng
RT: 8.68 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.3	7.9	
138	19.0	13.1	19.7	

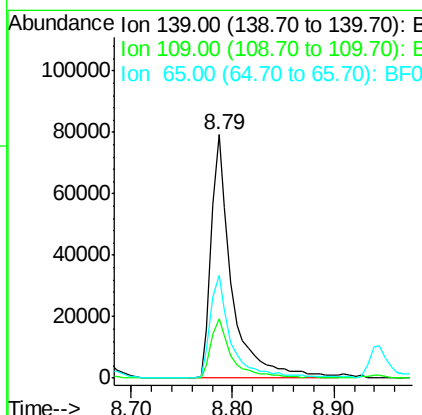
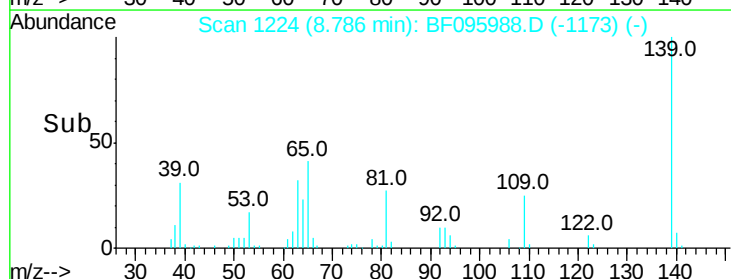
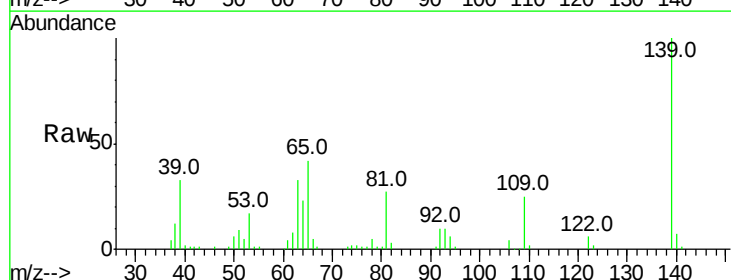
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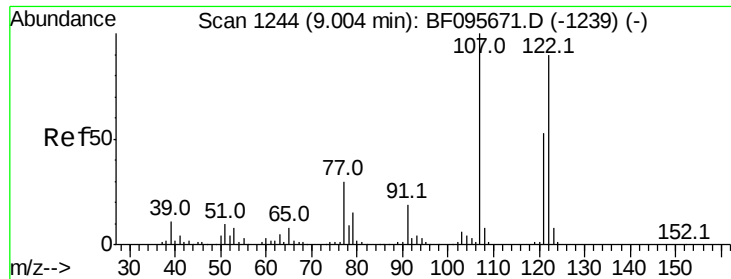
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#26
2-Nitrophenol
Concen: 47.77 ng
RT: 8.79 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.6	21.0	31.6	
65	42.4	33.0	49.6	





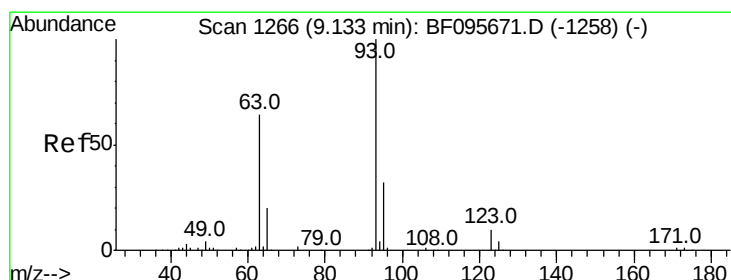
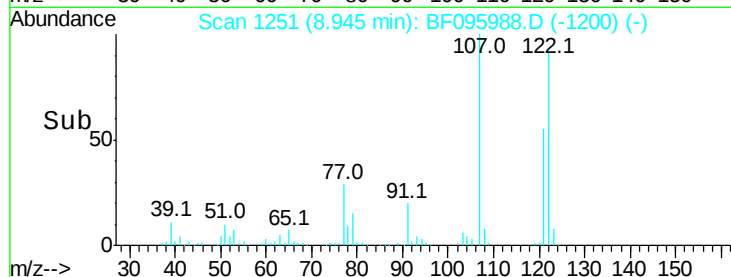
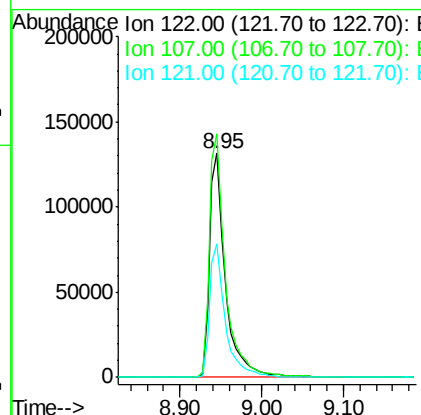
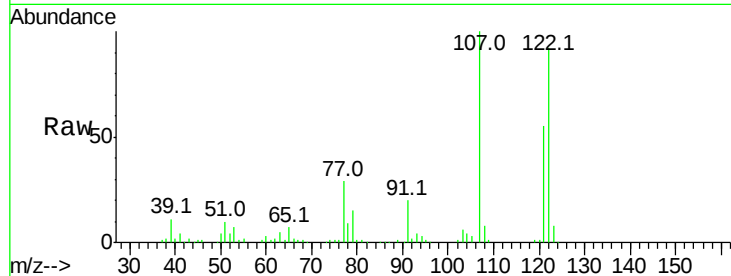
#27
2,4-Dimethylphenol
Concen: 48.76 ng
RT: 8.95 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	178427		
107	108.6	89.2	133.8	
121	59.7	45.2	67.8	

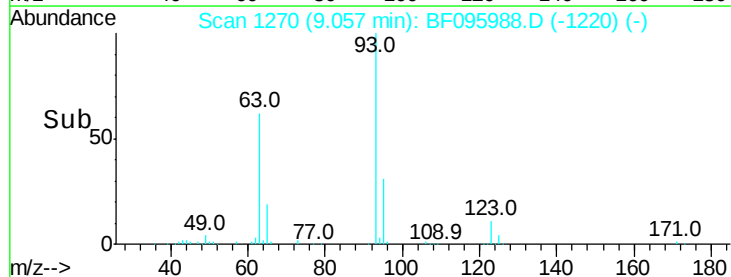
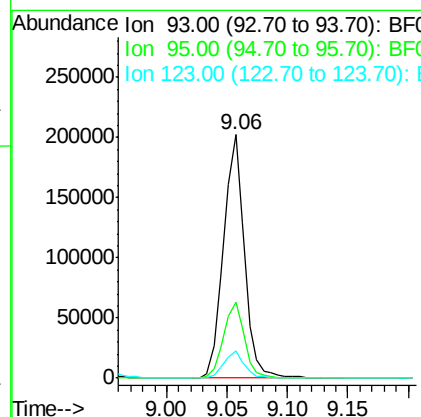
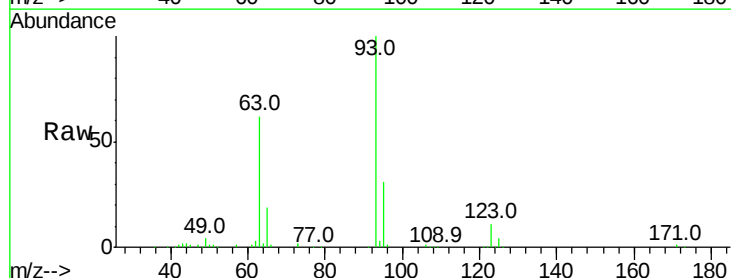
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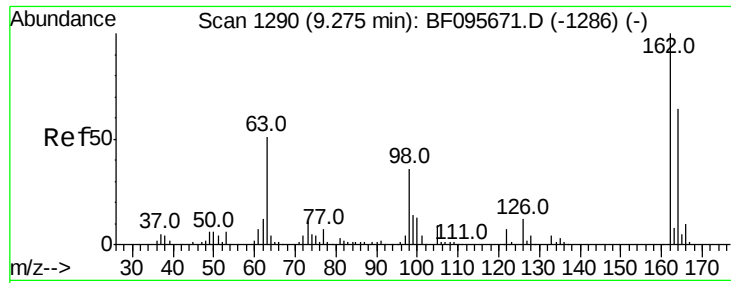
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#28
bis(2-Chloroethoxy)methane
Concen: 46.57 ng
RT: 9.06 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	241656		
95	31.3	26.5	39.7	
123	11.0	9.0	13.4	





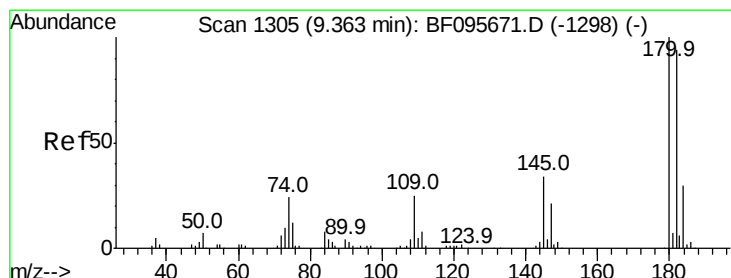
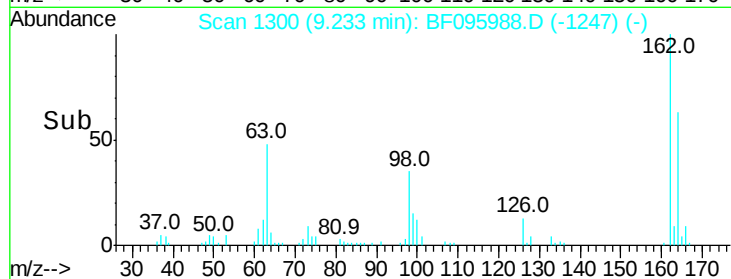
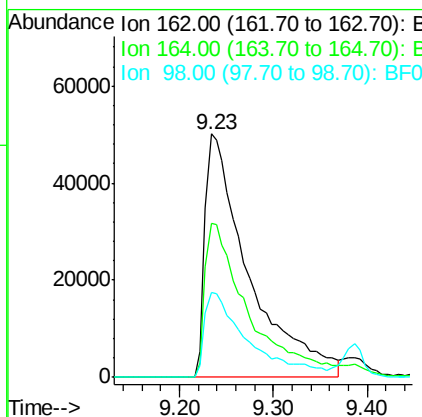
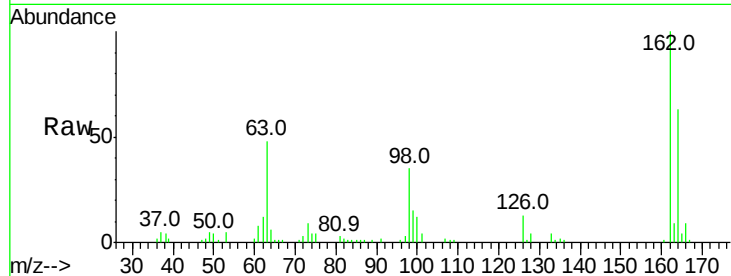
#29
2,4-Dichlorophenol
Concen: 46.24 ng
RT: 9.23 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	44.6	84.6
98	34.8	14.8	54.8

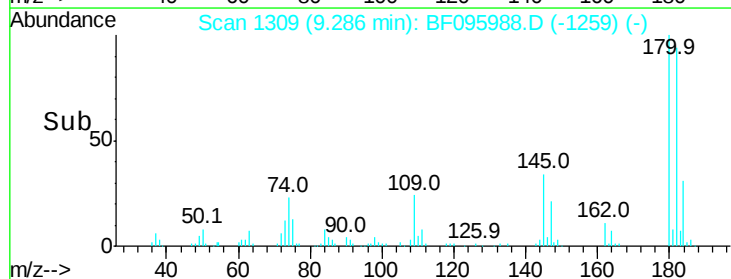
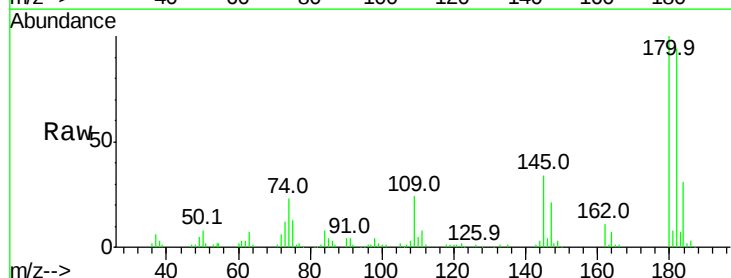
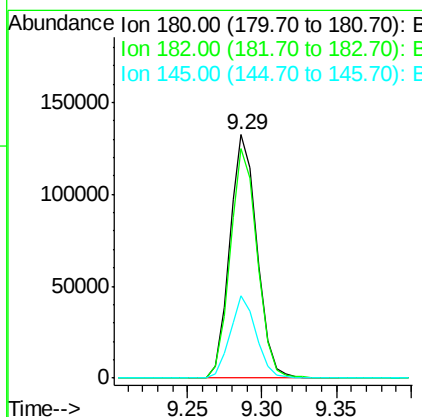
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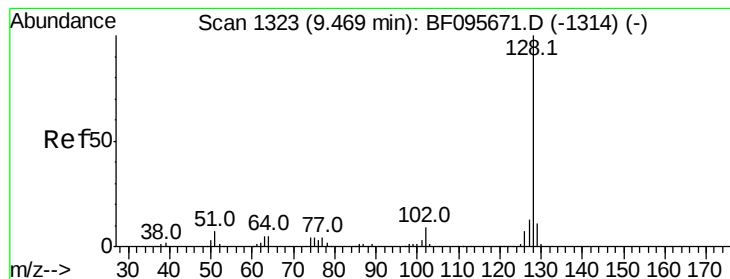
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#30
1,2,4-Trichlorobenzene
Concen: 46.22 ng
RT: 9.29 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	75.8	113.6
145	33.8	25.3	37.9





#31

Naphthalene

Concen: 45.34 ng

RT: 9.39 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Instrument :

BNA_F

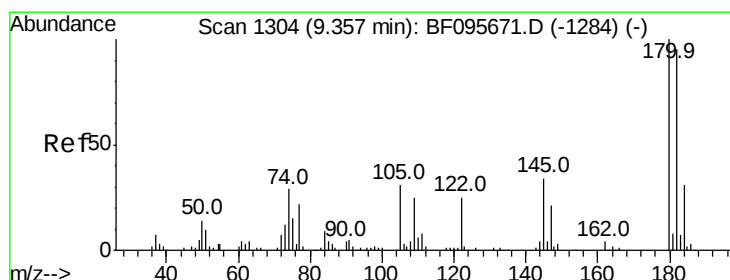
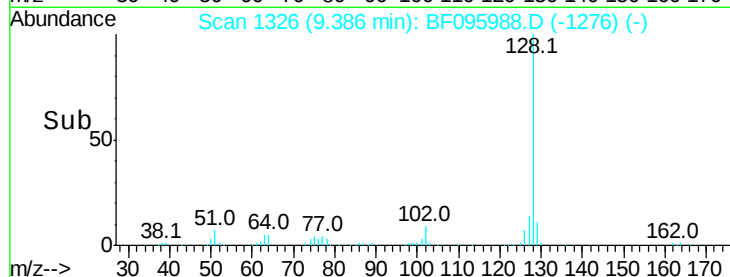
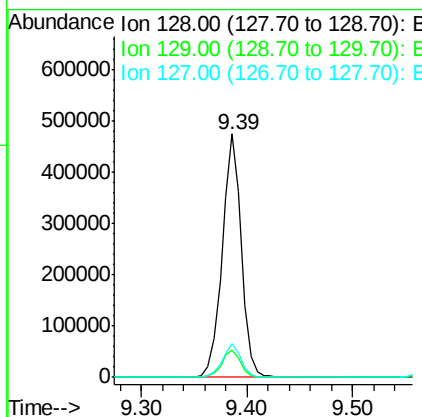
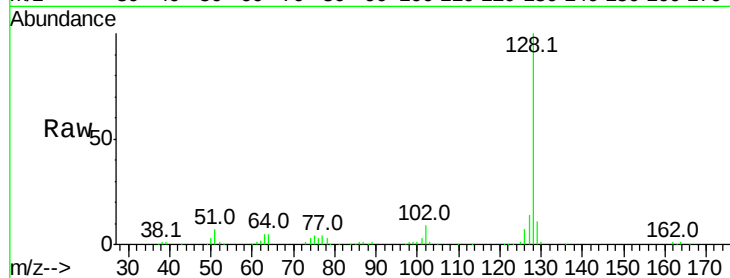
ClientSampleId :

G13-0-1.5MSD

Tot Ion:128	Resp:	595744
Ion Ratio	Lower	Upper
128	100	
129	11.3	9.0 13.6
127	13.7	10.8 16.2

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#32

Benzoic acid

Concen: 10.30 ng

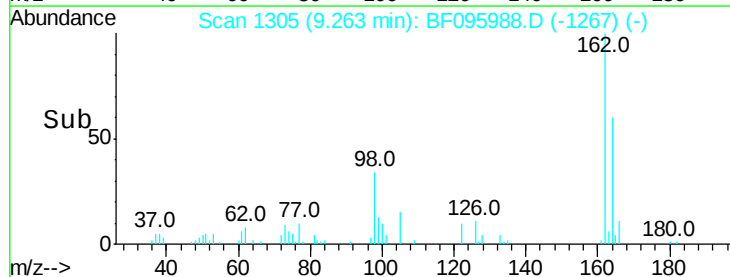
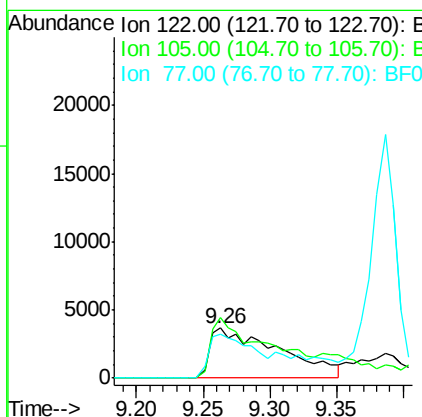
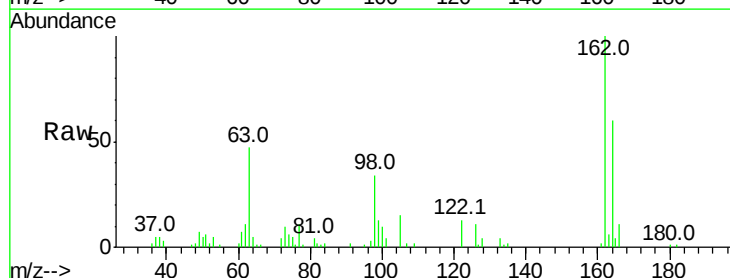
RT: 9.26 min Scan# 1305

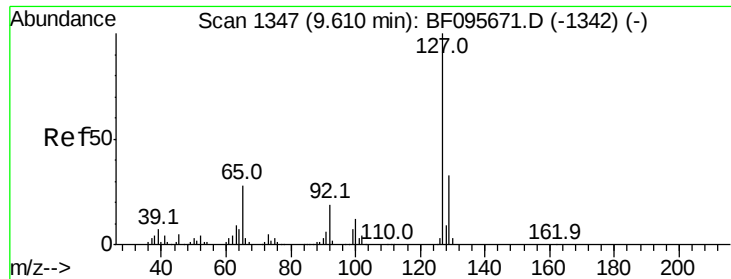
Delta R.T. -0.08 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Tgt Ion:122	Resp:	13270
Ion Ratio	Lower	Upper
122	100	
105	120.7	103.3 143.3
77	87.1	73.7 113.7





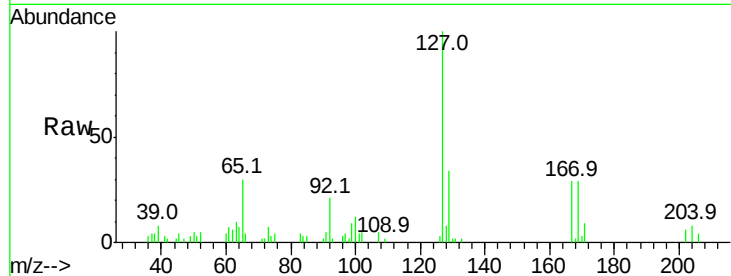
#33
4-Chloroaniline
Concen: 14.13 ng
RT: 9.57 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

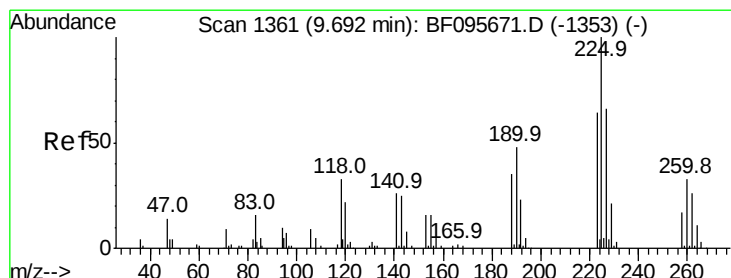
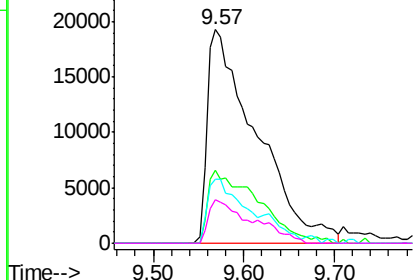
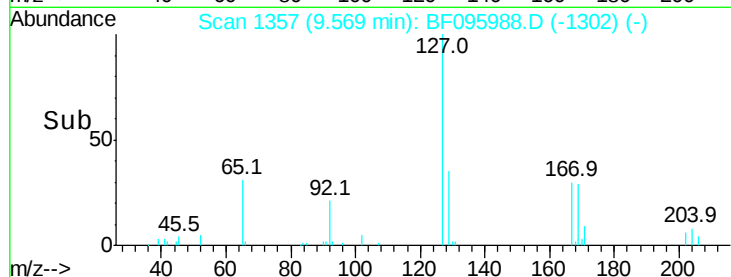
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	26.2	39.2		
65	29.8	27.8	41.8		
92	20.6	16.8	25.2		

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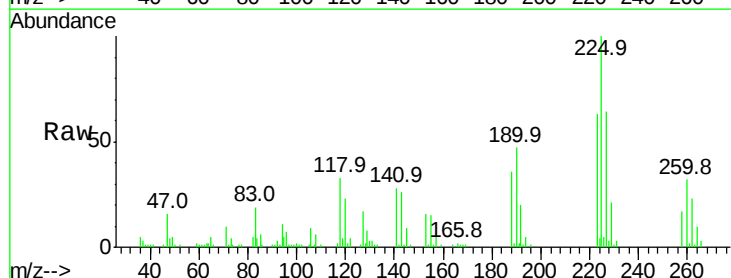


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

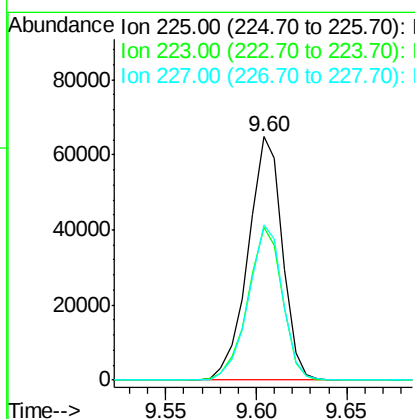
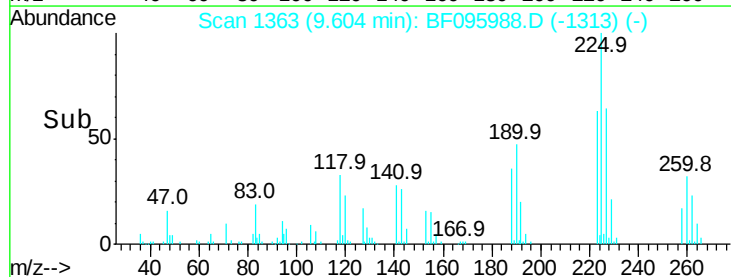


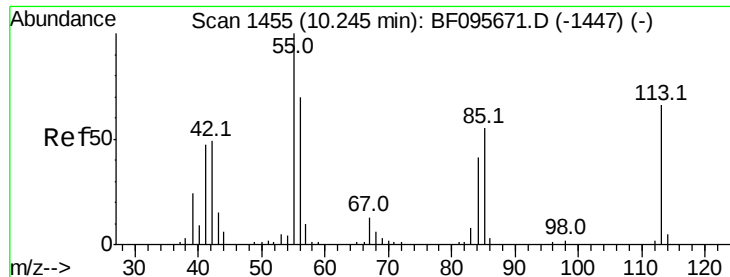
#34
Hexachlorobutadiene
Concen: 45.06 ng
RT: 9.60 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	48.8	73.2		
227	63.9	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.29 ng/mL

RT: 10.17 min Scan# 1459

Delta R.T. -0.03 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Instrument :

BNA_F

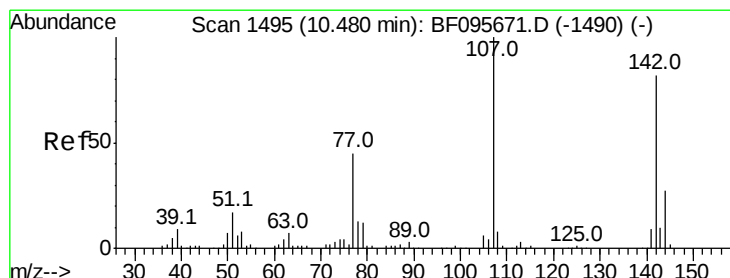
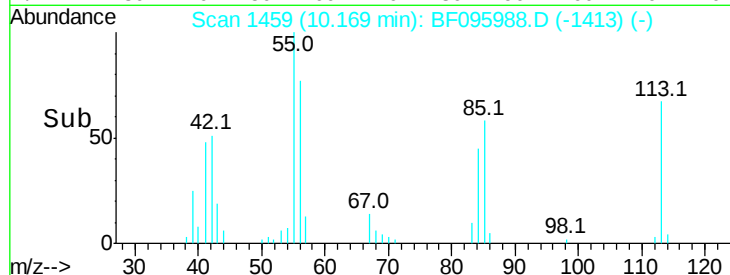
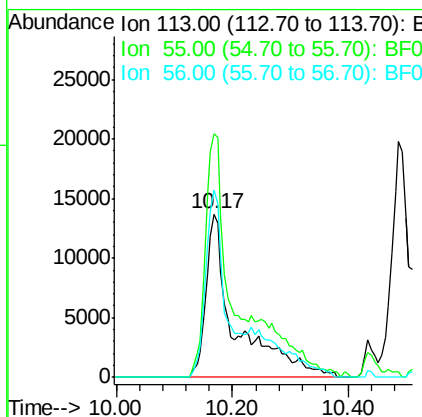
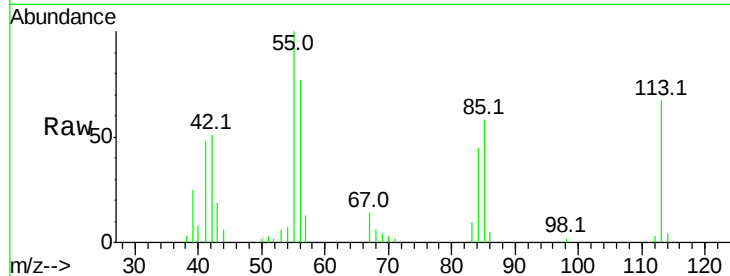
ClientSampleId :

G13-0-1.5MSD

Tot Ion:113 Resp: 48543
 Ion Ratio Lower Upper
 113 100
 55 149.2 150.2 190.2#
 56 115.0 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 48.01 ng/mL

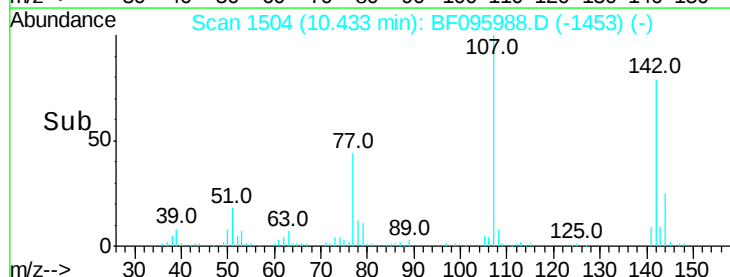
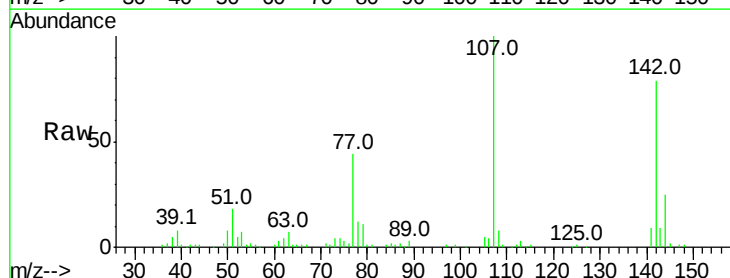
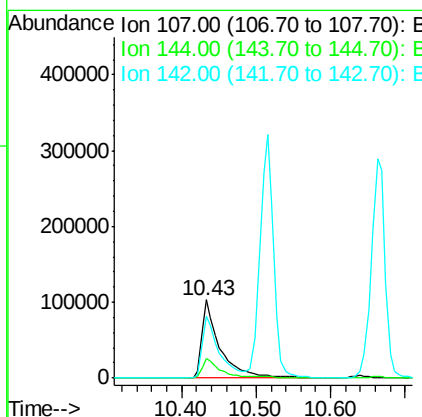
RT: 10.43 min Scan# 1504

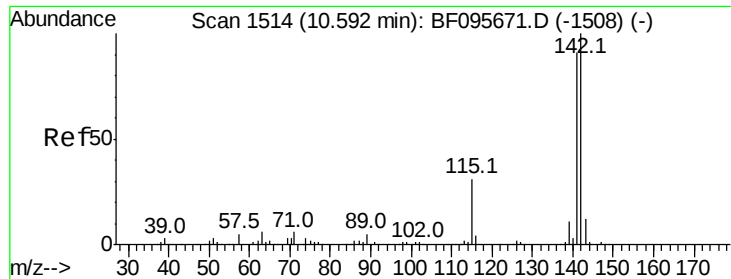
Delta R.T. 0.00 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Tgt Ion:107 Resp: 177119
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.2 36.4
 142 79.3 73.4 110.0





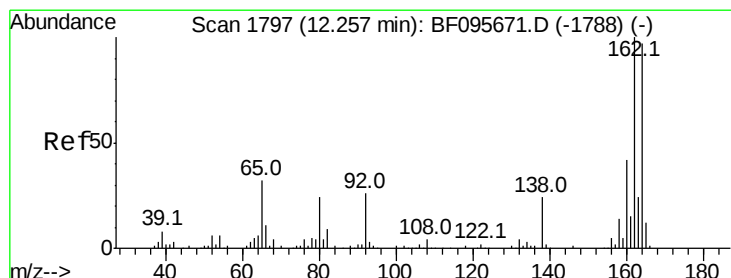
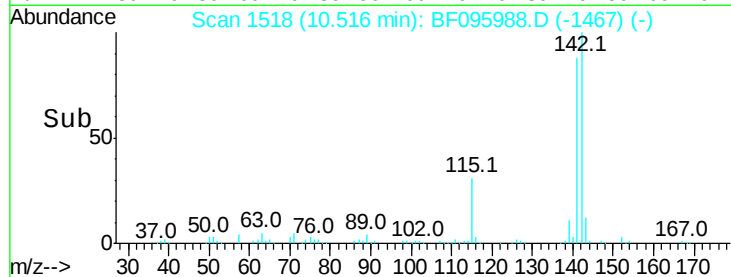
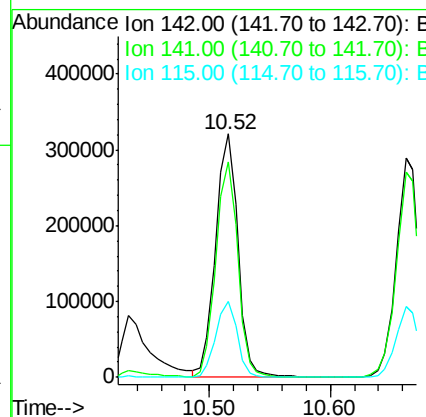
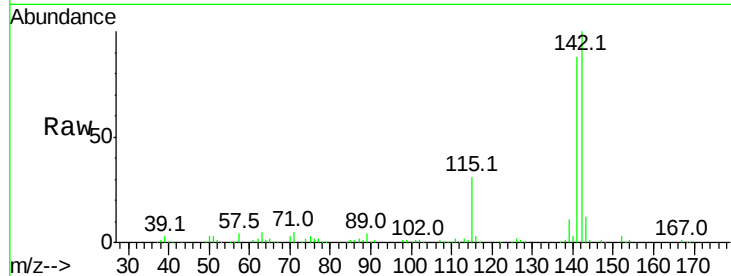
#37
2-Methylnaphthalene
Concen: 46.24 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	31.1	27.1	40.7

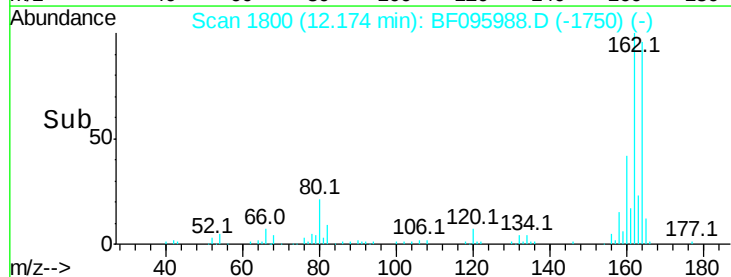
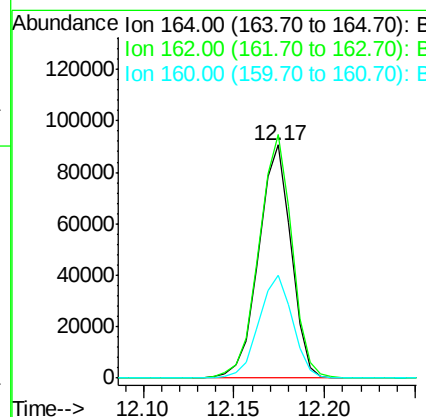
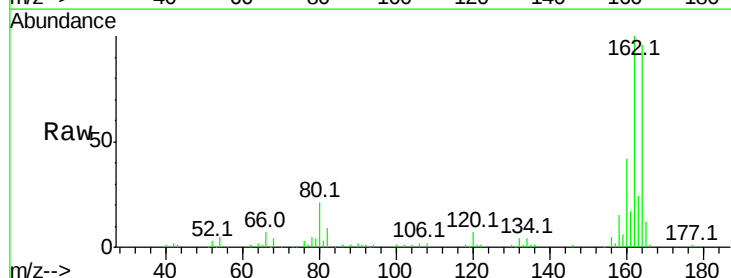
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.0	36.2	54.2





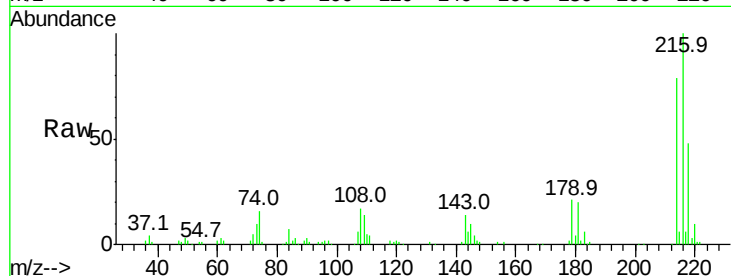
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.56 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

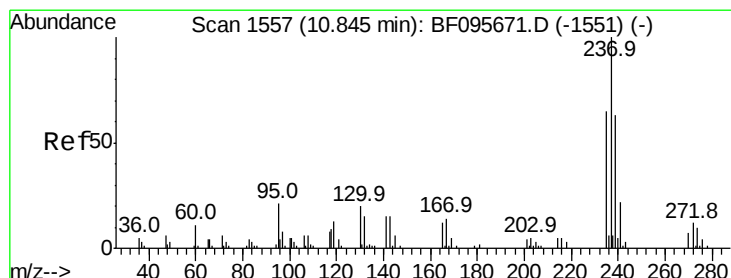
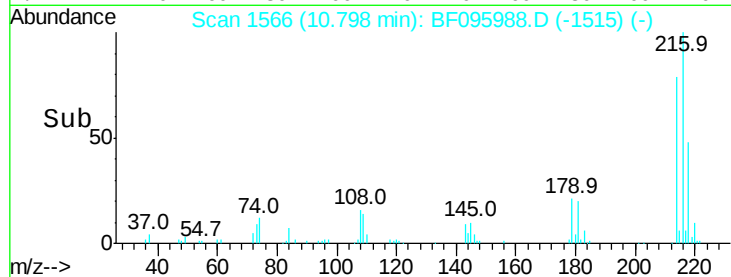
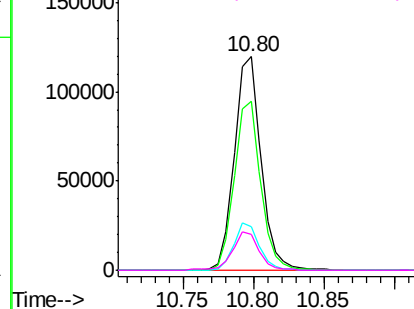
Tot Ion	Ratio	Resp	Lower	Upper
216	100	156908		
214	78.8		63.4	95.2
179	21.3		17.9	26.9
108	18.2		16.5	24.7

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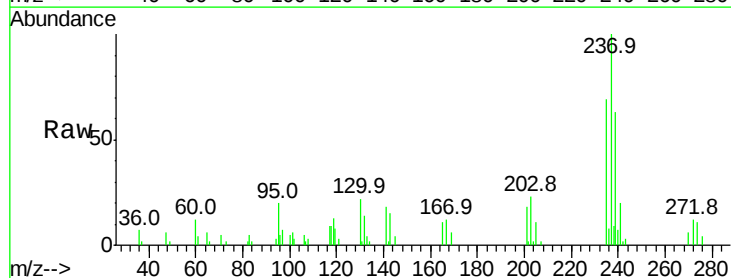


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

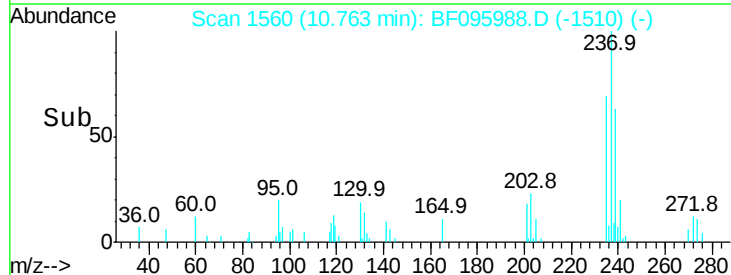
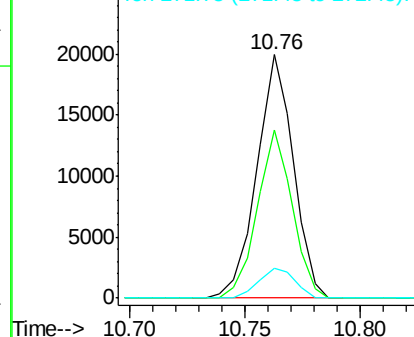


#40
 Hexachlorocyclopentadiene
 Concen: 29.10 ng
 RT: 10.76 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	21943		
235	69.0		42.6	82.6
272	12.5		0.0	31.9



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





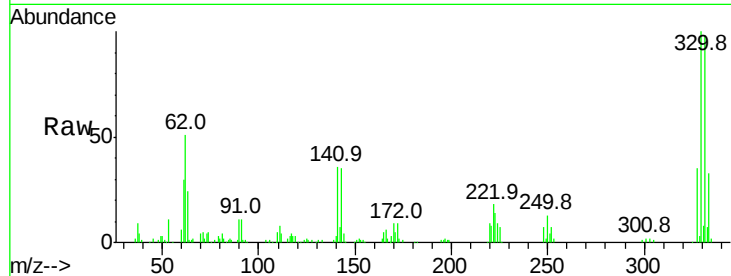
#41
 2,4,6-Tribromophenol
 Concen: 133.36 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampled :
 G13-0-1.5MSD

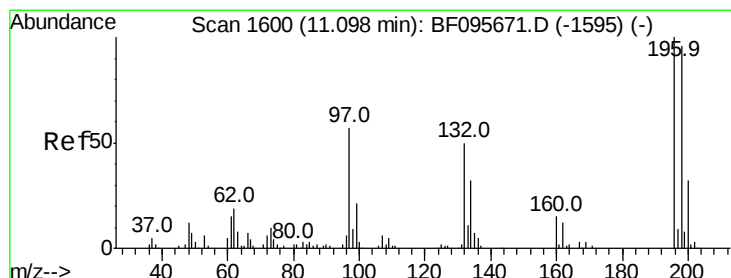
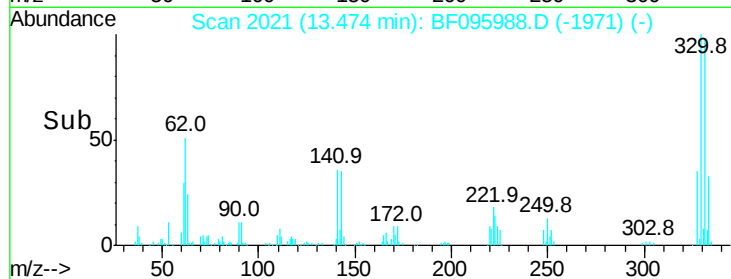
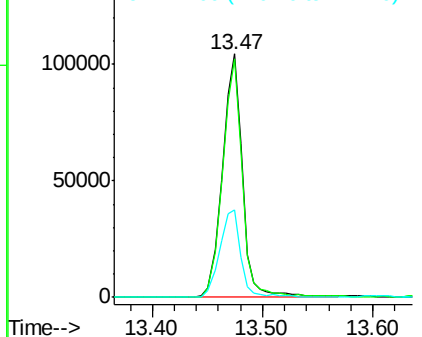
Tot Ion	Ratio	Resp	Lower	Upper
330	100	132852		
332	95.2	76.6	115.0	
141	37.9	31.4	47.2	

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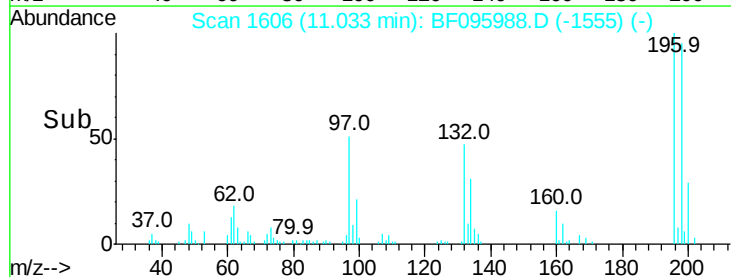
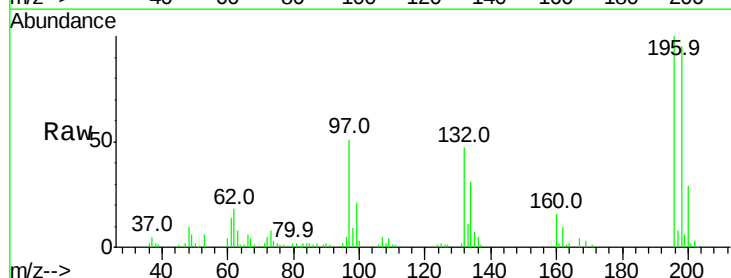
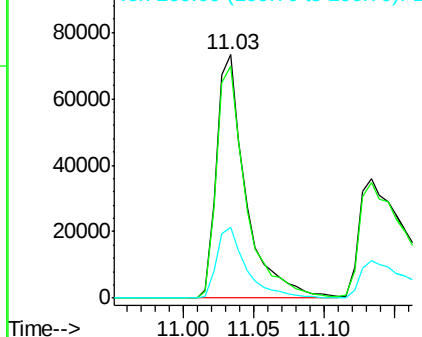
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.87 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105880		
198	95.4	74.2	111.4	
200	29.0	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





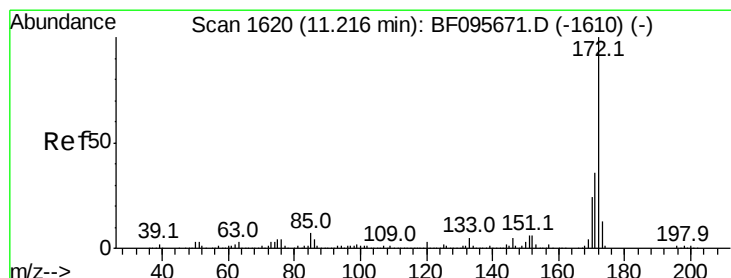
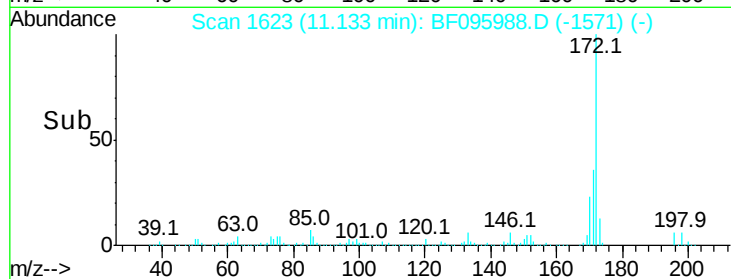
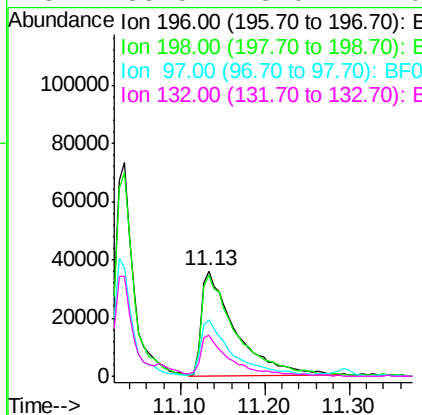
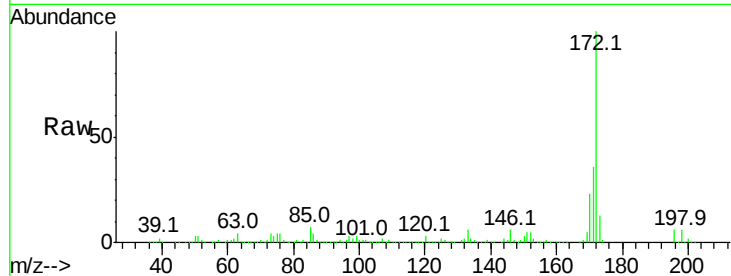
#43
 2,4,5-Trichlorophenol
 Concen: 42.80 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
97	54.0	47.7	71.5
132	38.5	28.0	42.0

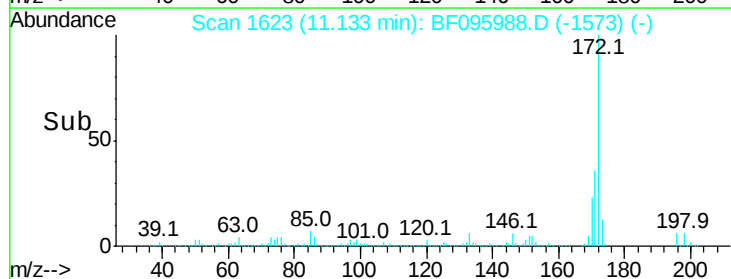
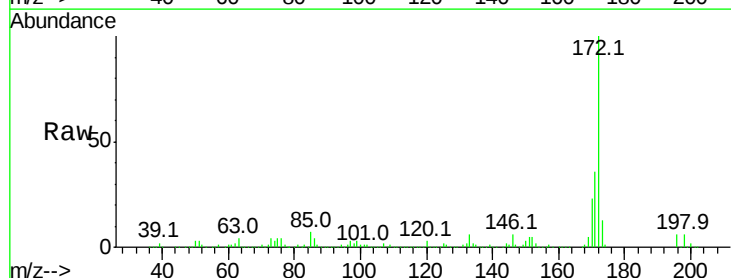
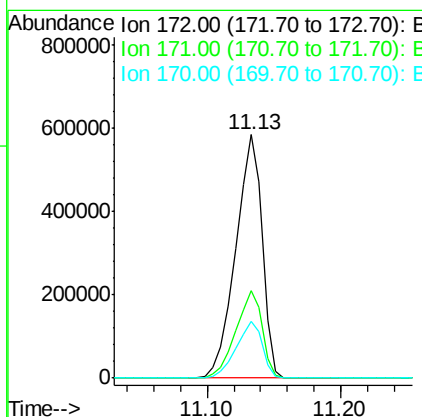
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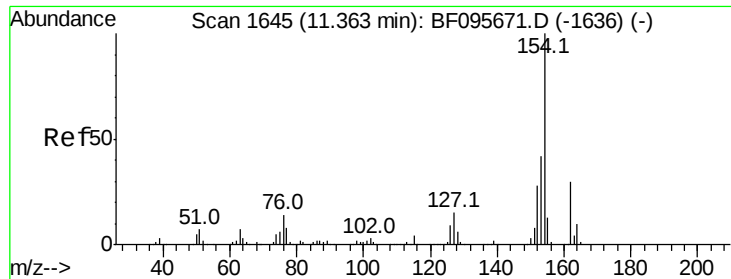
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 99.03 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.3	19.8	29.8





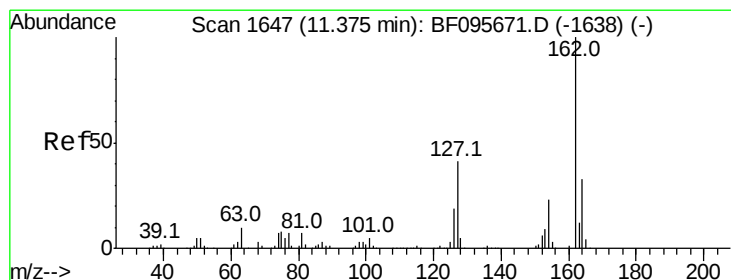
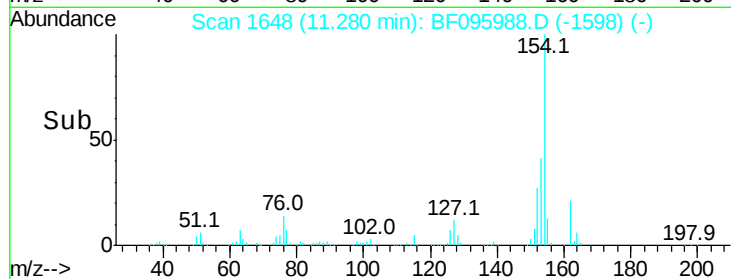
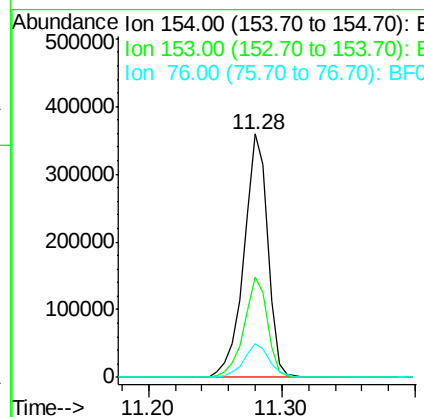
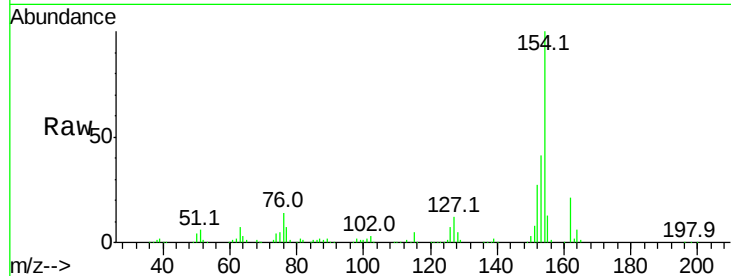
#45
 1,1'-Biphenyl
 Concen: 47.58 ng
 RT: 11.28 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	21.2	61.2	
76	13.7	0.0	29.9	

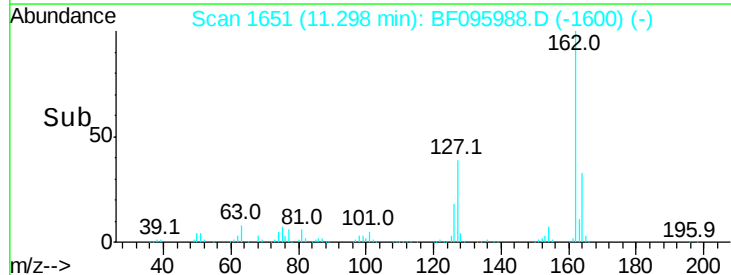
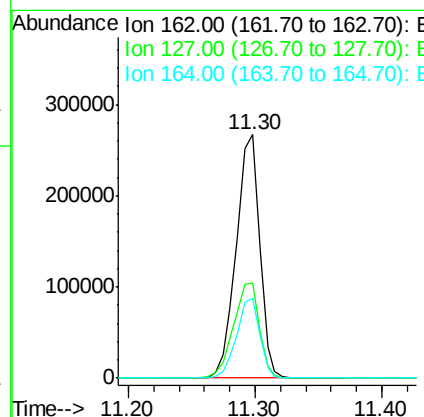
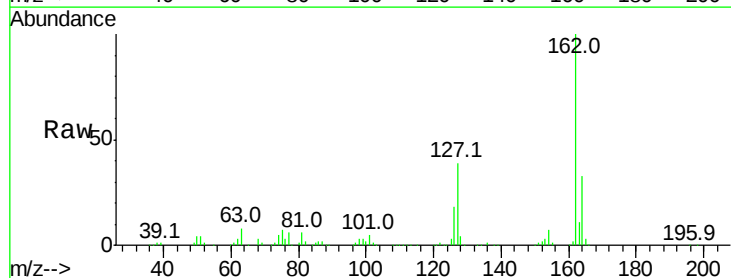
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#46
 2-Chloronaphthalene
 Concen: 47.07 ng
 RT: 11.30 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	28.3	42.5	
164	32.8	27.0	40.4	





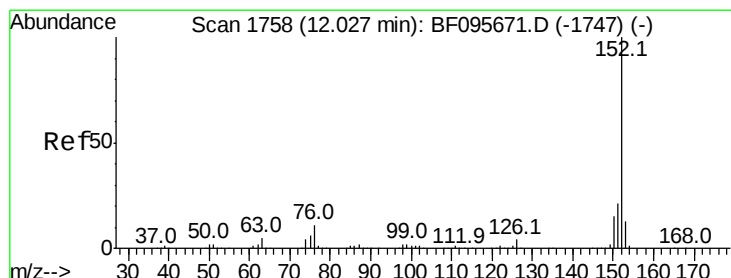
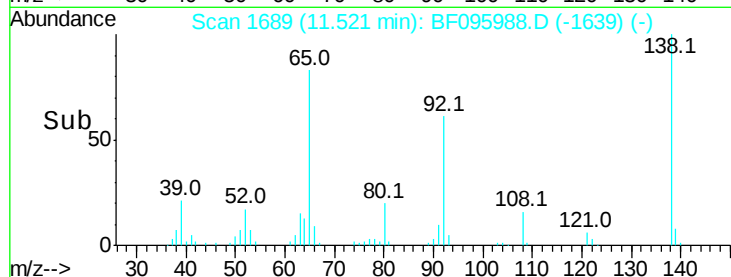
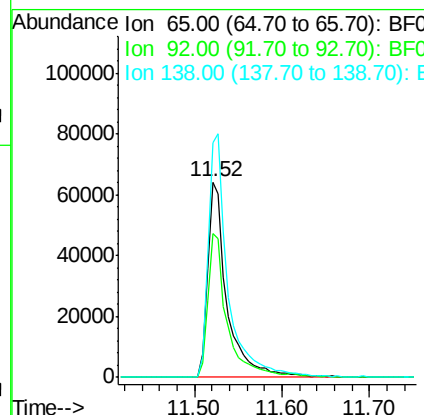
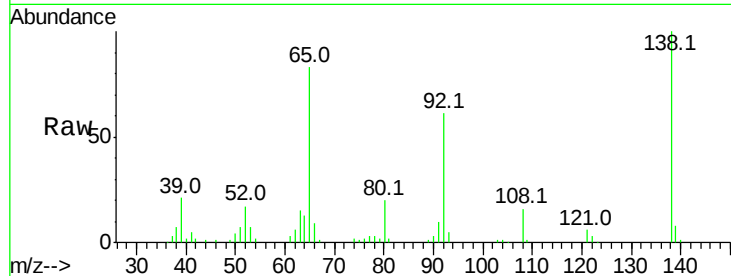
#47
 2-Nitroaniline
 Concen: 46.56 ng
 RT: 11.52 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.8	53.9	80.9
138	120.2	78.8	118.2

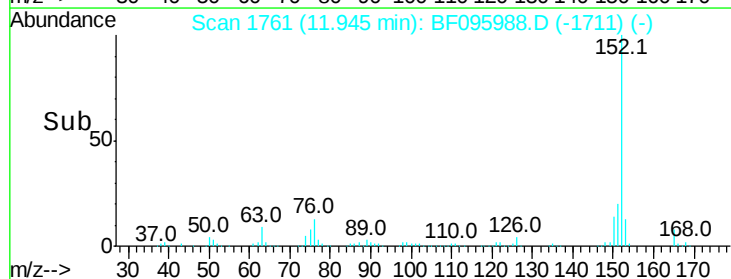
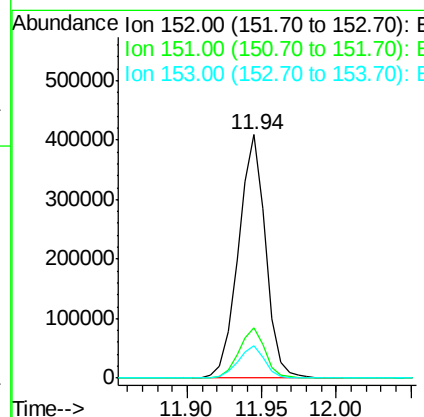
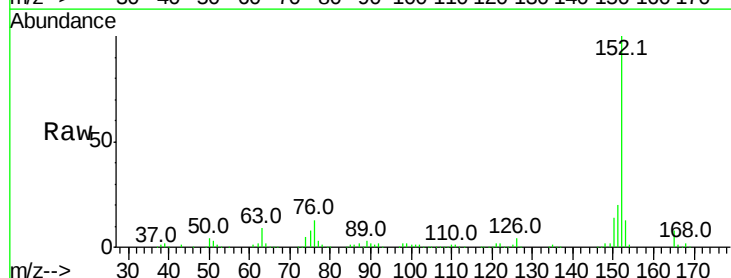
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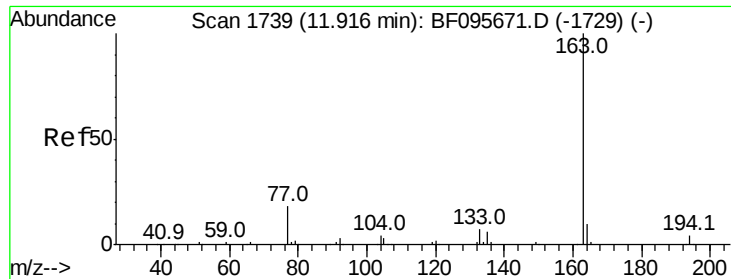
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#48
 Acenaphthylene
 Concen: 41.85 ng
 RT: 11.94 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.2	10.8	16.2





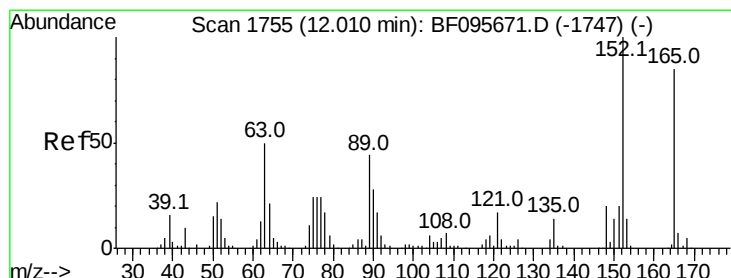
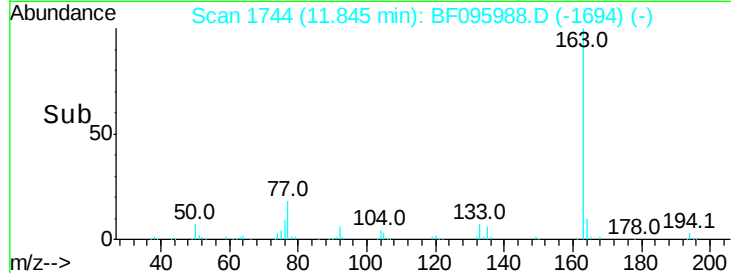
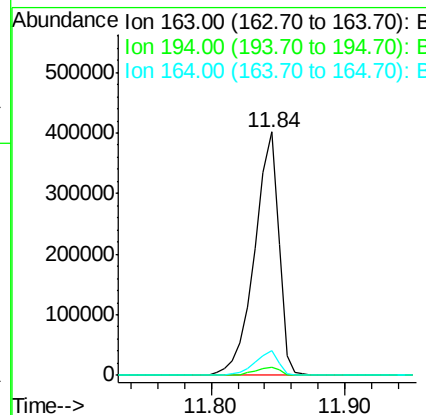
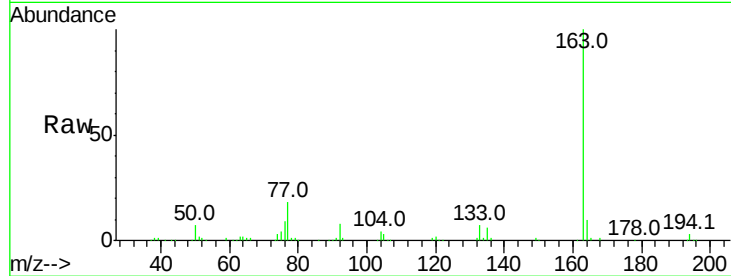
#49
Dimethylphthalate
Concen: 58.27 ng
RT: 11.84 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampled :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.9	8.4	12.6	

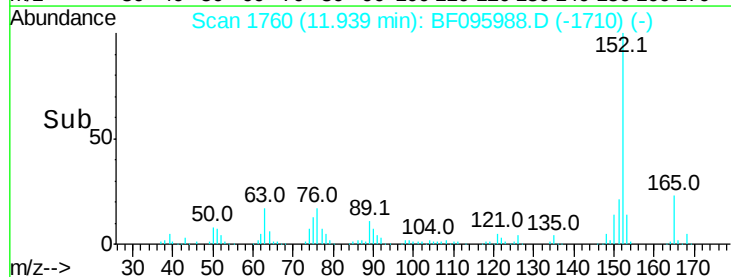
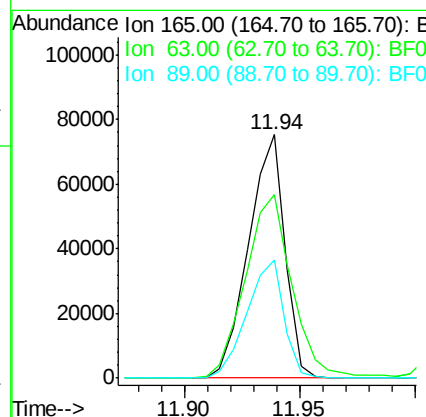
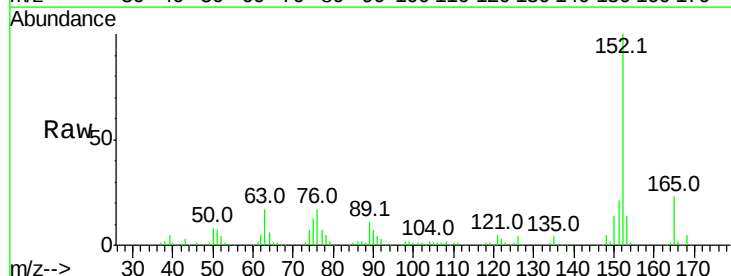
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#50
2,6-Dinitrotoluene
Concen: 44.42 ng
RT: 11.94 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	75.6	34.3	51.5#	
89	48.6	37.1	55.7	





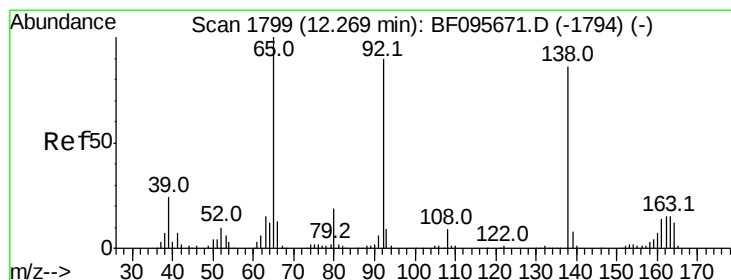
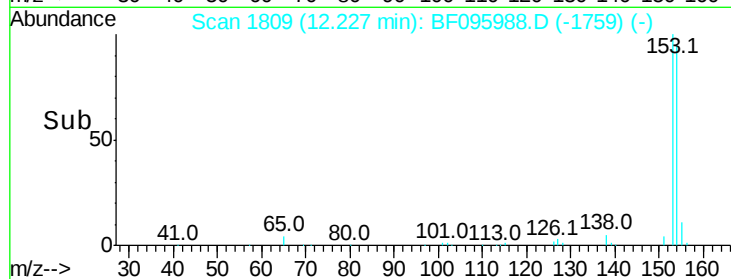
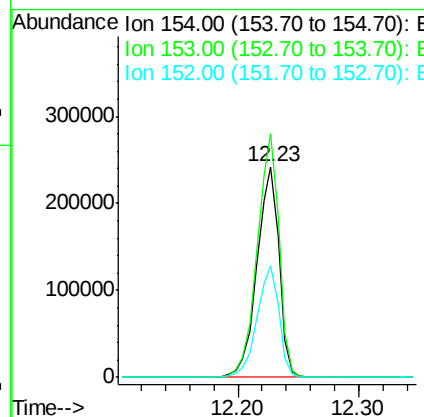
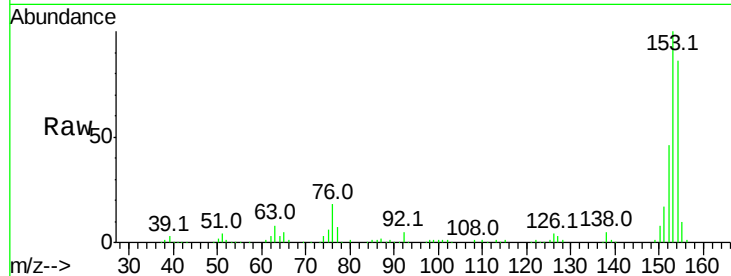
#51
Acenaphthene
Concen: 43.15 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.6	90.5	135.7
152	52.9	43.6	65.4

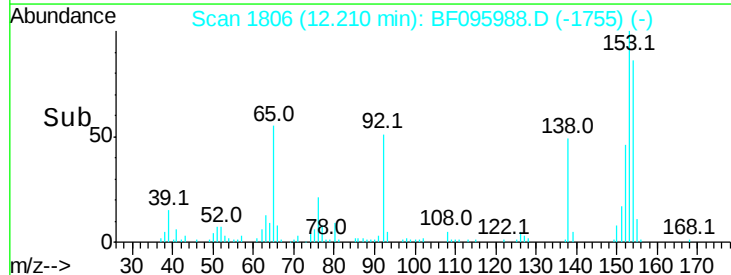
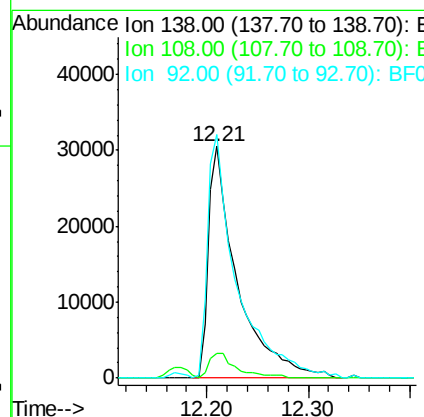
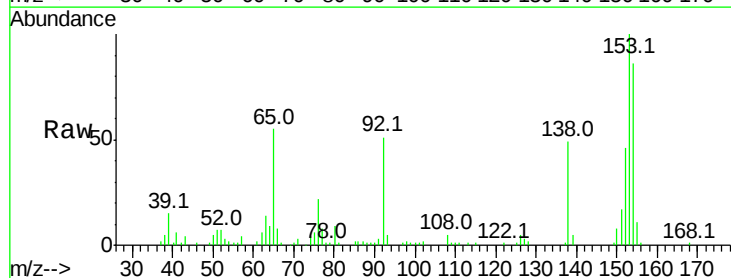
Manual Integrations
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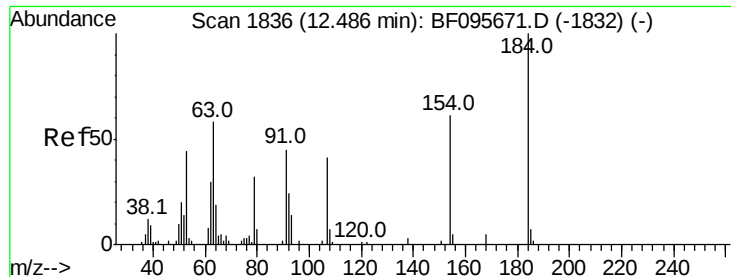
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#52
3-Nitroaniline
Concen: 27.78 ng
RT: 12.21 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	105.0	93.8	140.6





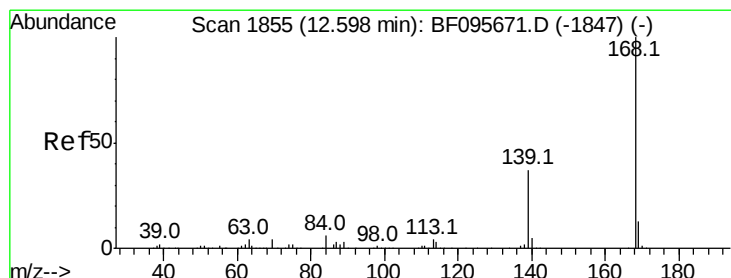
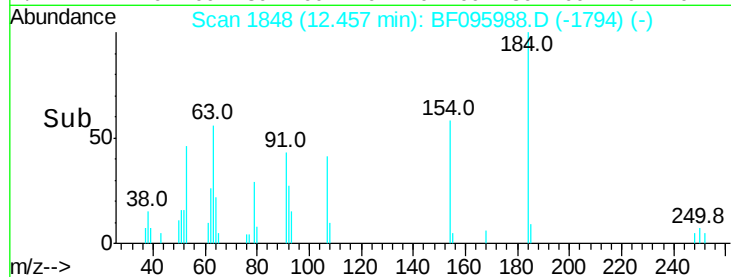
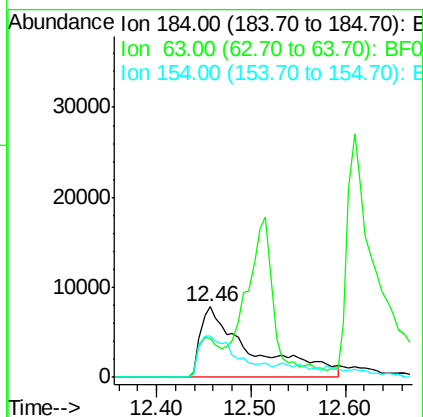
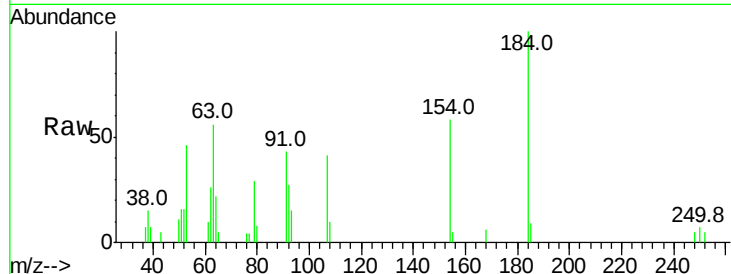
#53
2,4-Dinitrophenol
Concen: 32.27 ng/ml
RT: 12.46 min Scan# 1848
Delta R.T. 0.02 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.6	62.7	94.1#
154	58.5	81.1	121.7#

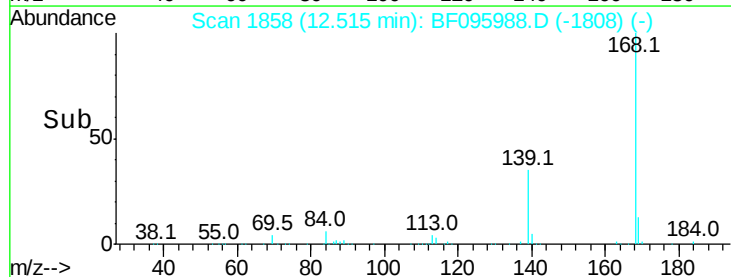
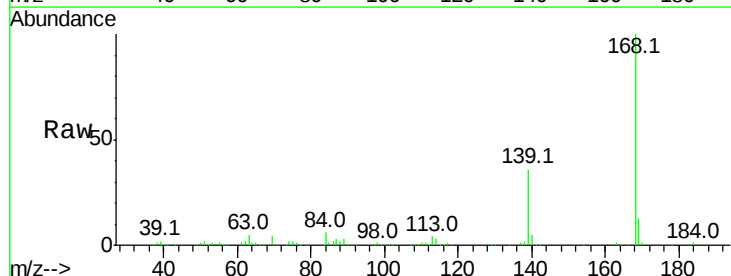
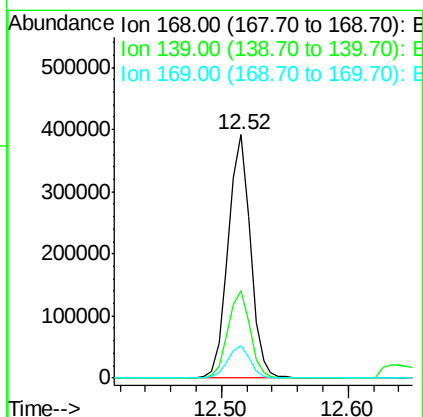
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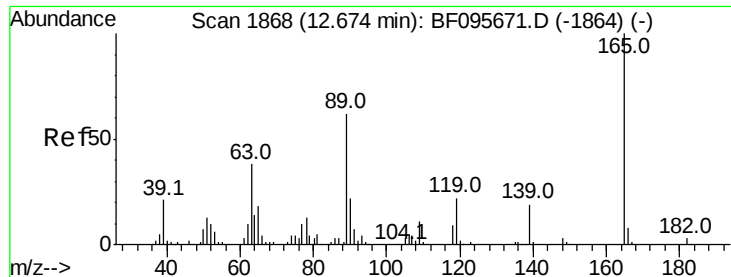
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#54
Dibenzofuran
Concen: 47.12 ng
RT: 12.52 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.6	45.8
169	13.2	10.8	16.2





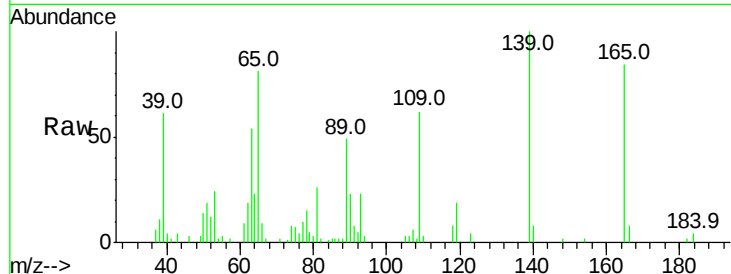
#55
4-Nitrophenol
Concen: 69.09 ng
RT: 12.63 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

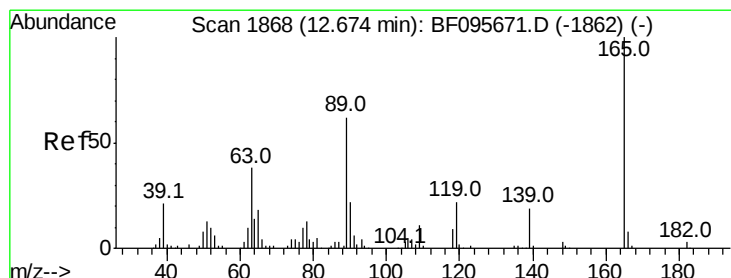
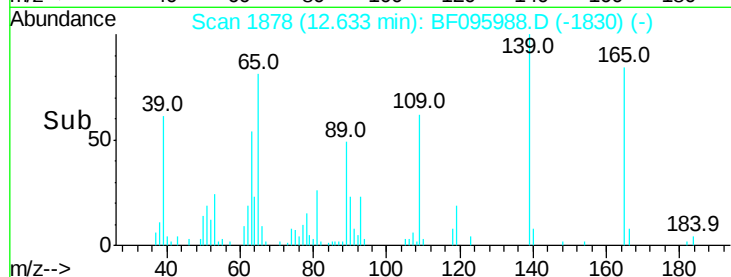
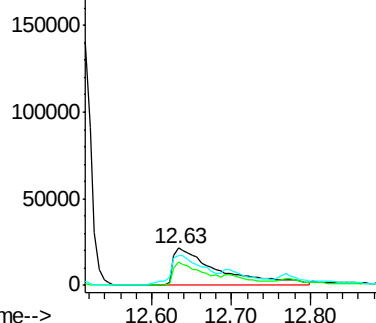
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.8	34.1	74.1	
65	81.0	31.4	71.4	

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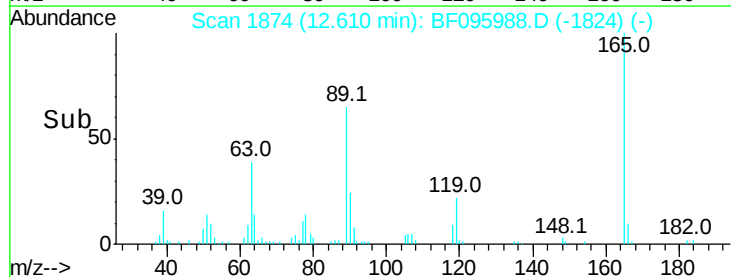
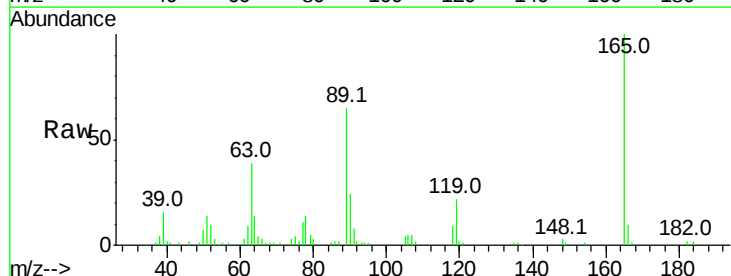
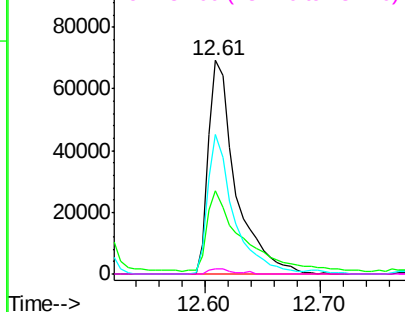
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

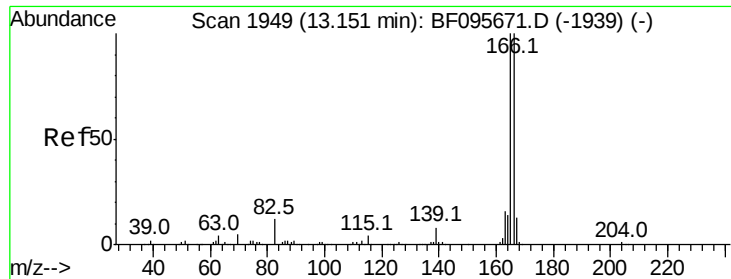


#56
2,4-Dinitrotoluene
Concen: 45.35 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.1	25.4	38.0	
89	65.2	46.4	69.6	
182	2.4	1.8	2.6	

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





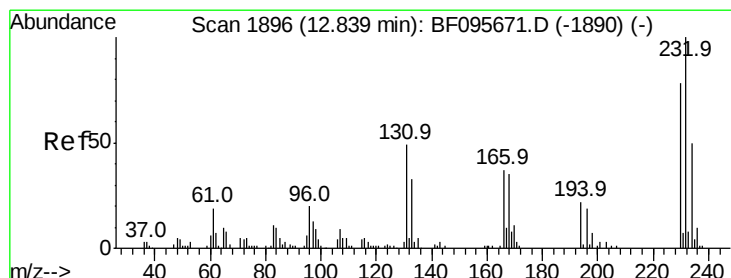
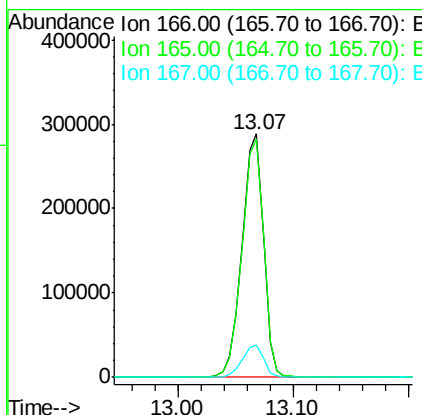
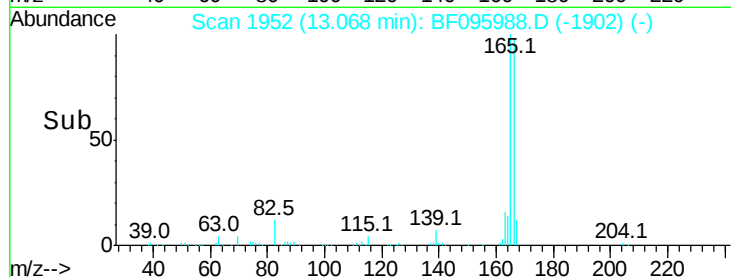
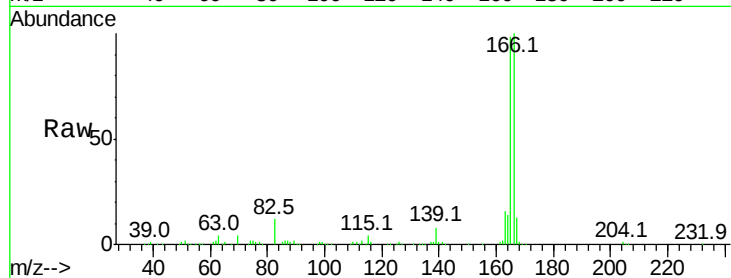
#57
 Fluorene
 Concen: 42.51 ng
 RT: 13.07 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	372788		
165	98.1		78.8	118.2
167	13.3		10.6	16.0

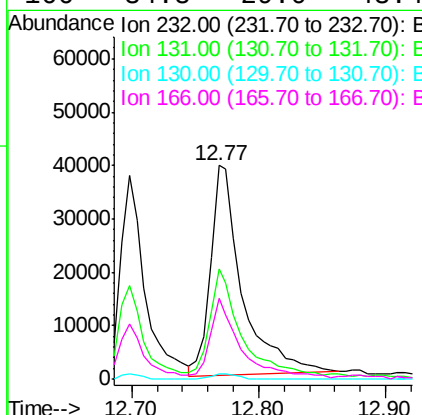
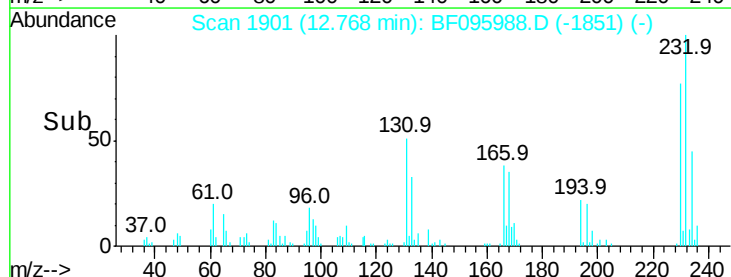
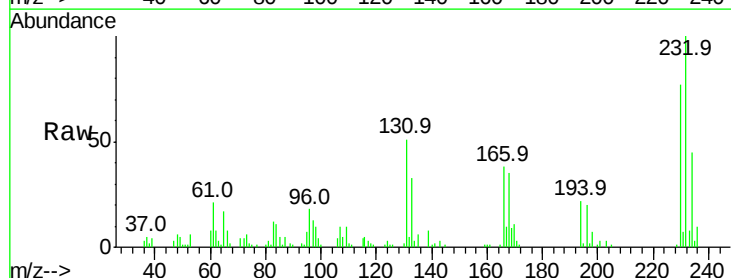
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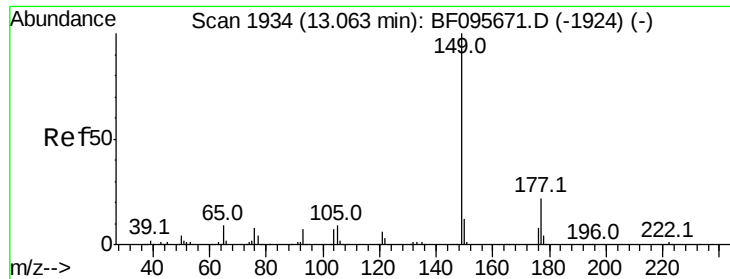
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.63 ng
 RT: 12.77 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	68789		
131	53.0		44.8	67.2
130	2.0		2.3	3.5#
166	34.8		29.0	43.4





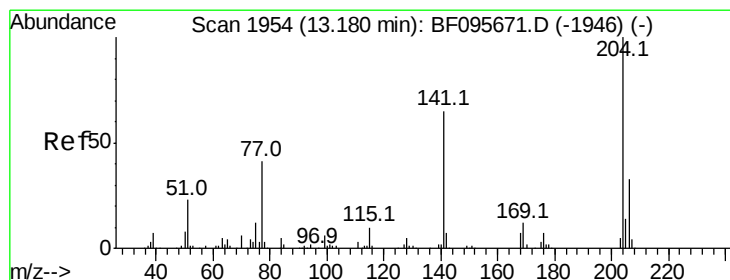
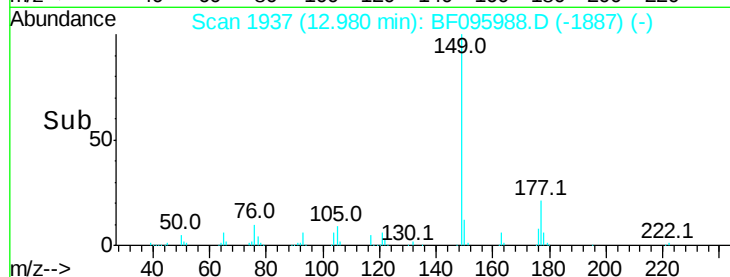
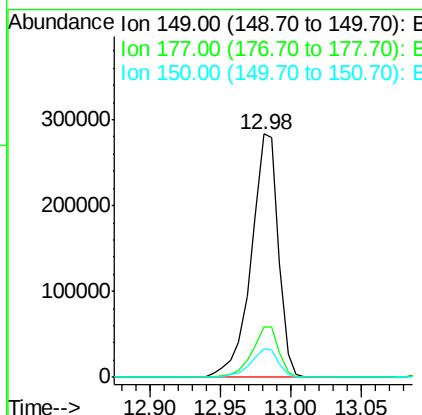
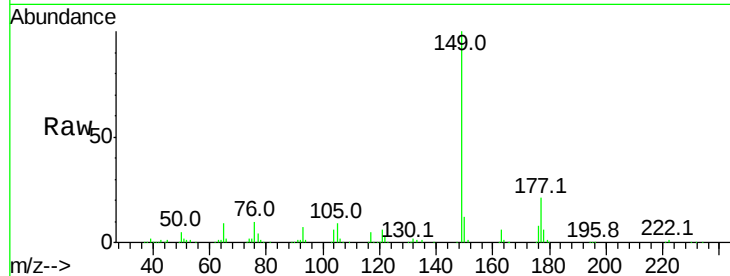
#59
Diethylphthalate
Concen: 46.55 ng
RT: 12.98 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	382997		
177	20.6	16.7	25.1	
150	11.8	10.2	15.2	

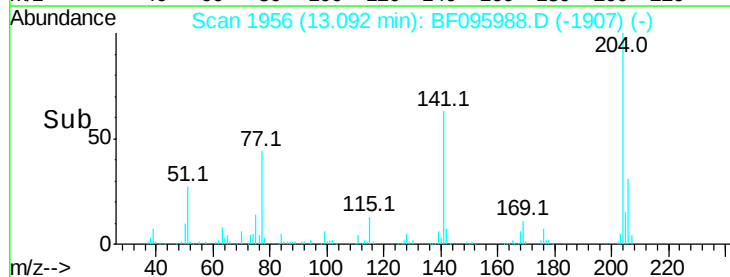
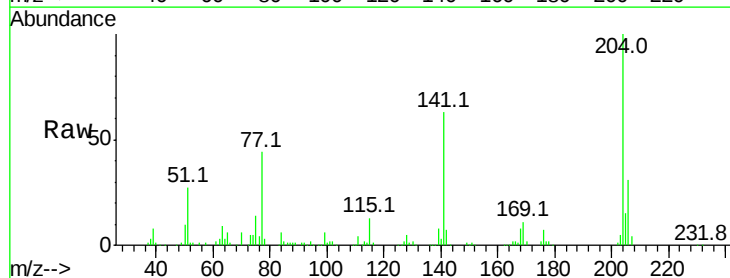
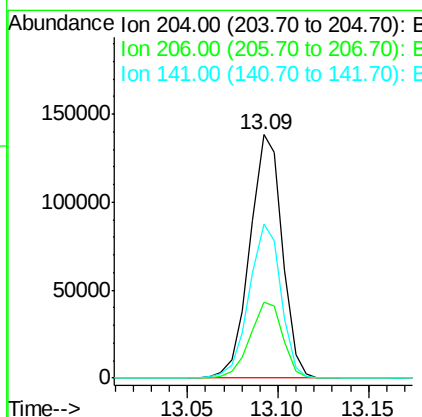
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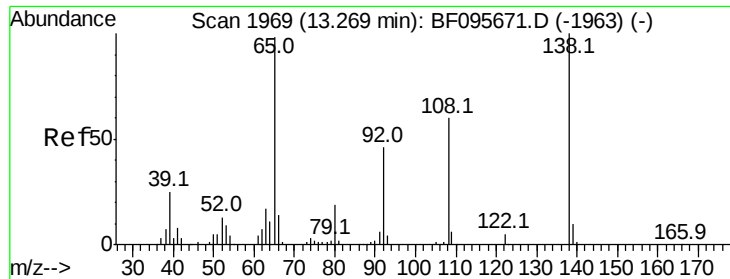
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.99 ng
RT: 13.09 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	171595		
206	31.0	26.2	39.2	
141	63.5	60.8	91.2	





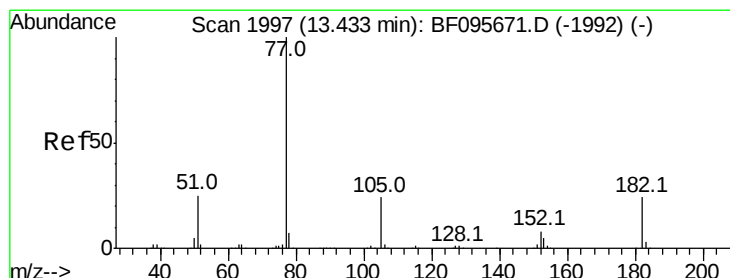
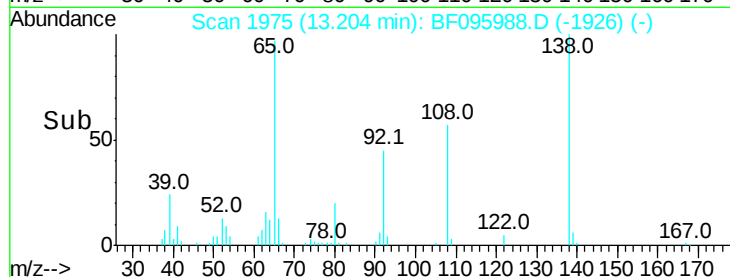
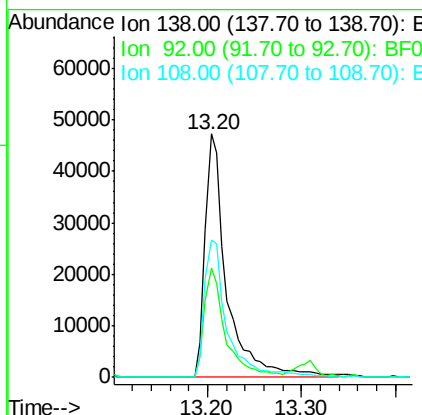
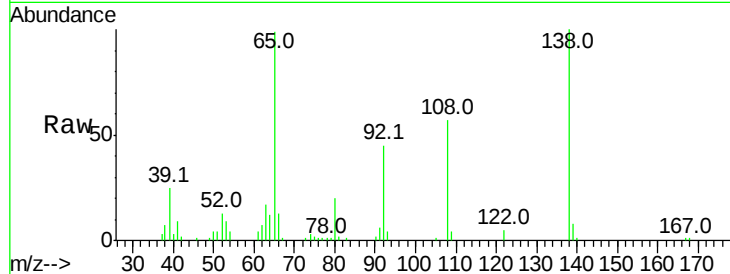
#61
4-Nitroaniline
Concen: 37.82 ng
RT: 13.20 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.7	21.8	61.8
108	56.6	42.3	82.3

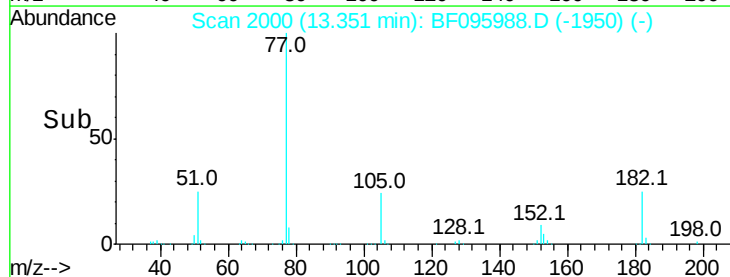
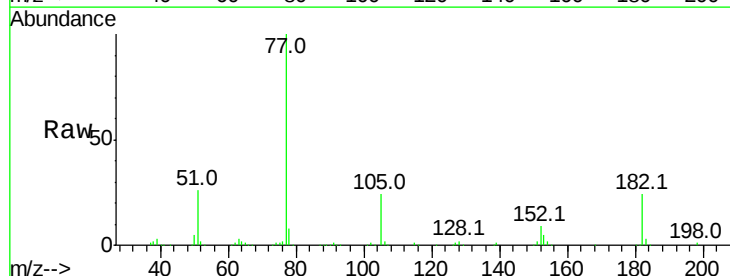
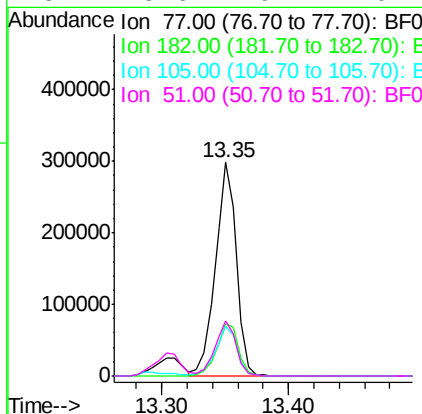
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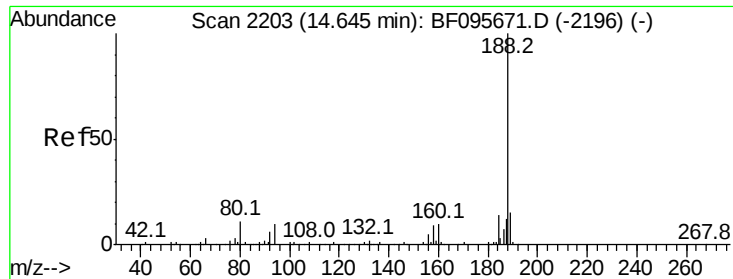
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#62
Azobenzene
Concen: 46.30 ng
RT: 13.35 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	0.1	40.1
105	23.6	3.6	43.6
51	25.6	9.4	49.4





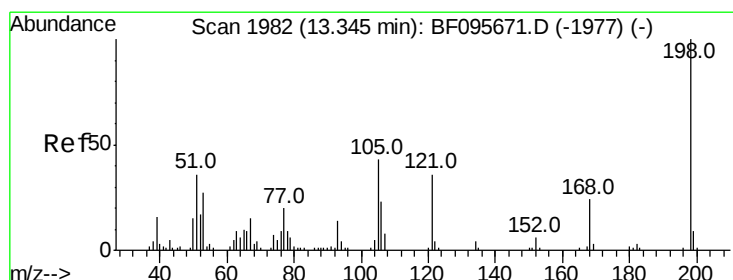
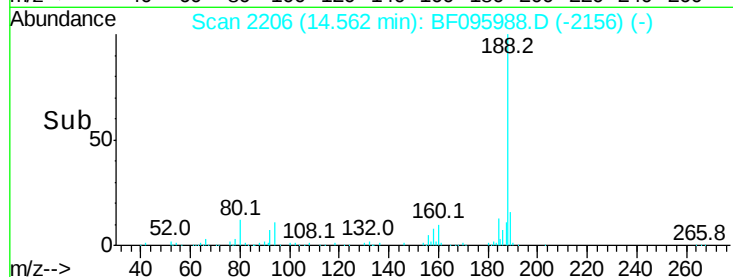
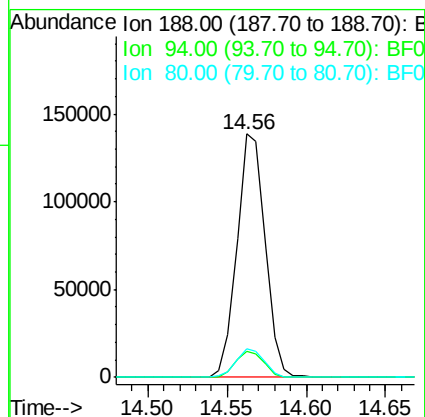
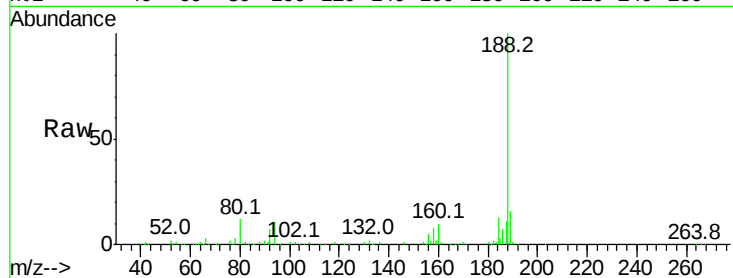
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.9	9.4	14.2
80	11.8	10.2	15.2

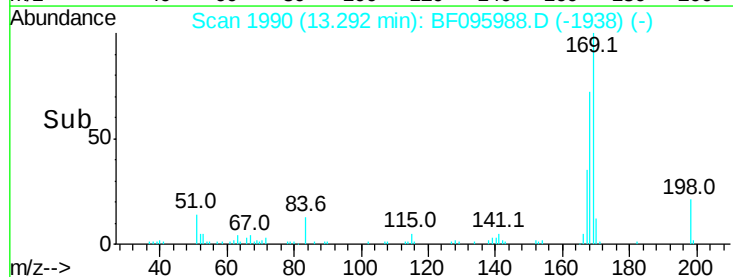
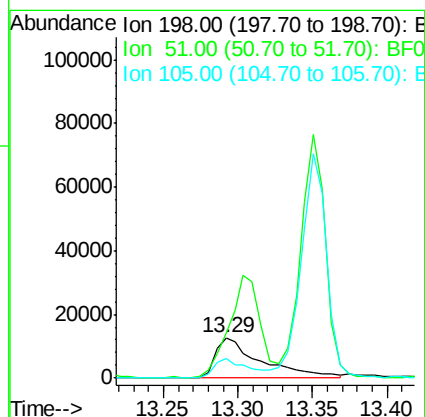
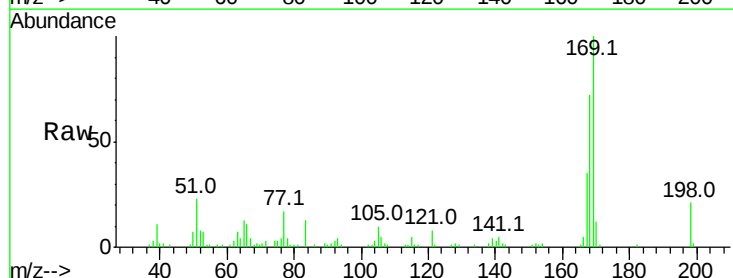
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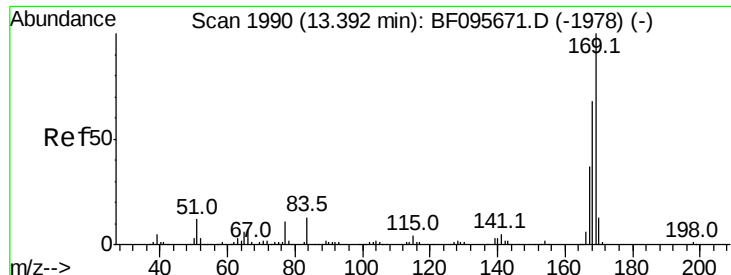
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.17 ng
RT: 13.29 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	111.8	53.2	93.2#
105	48.7	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 52.06 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Instrument :

BNA_F

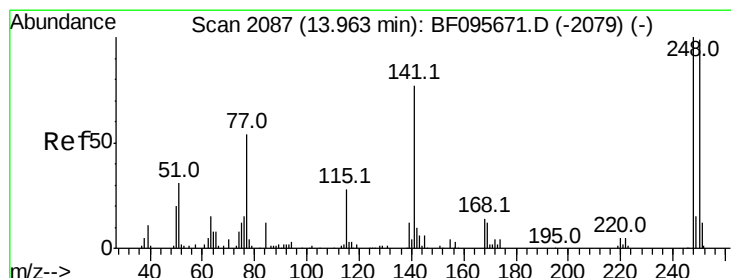
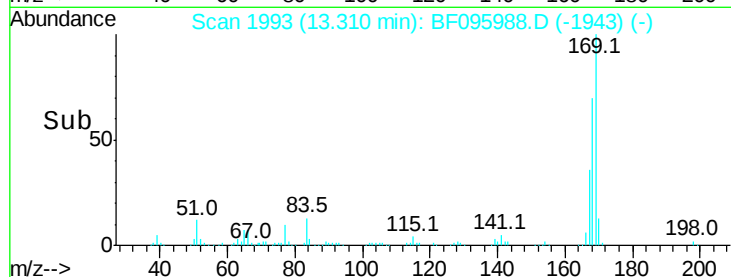
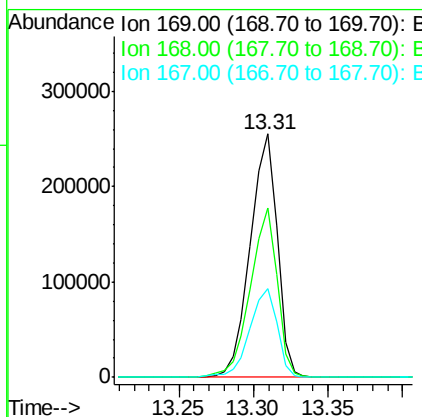
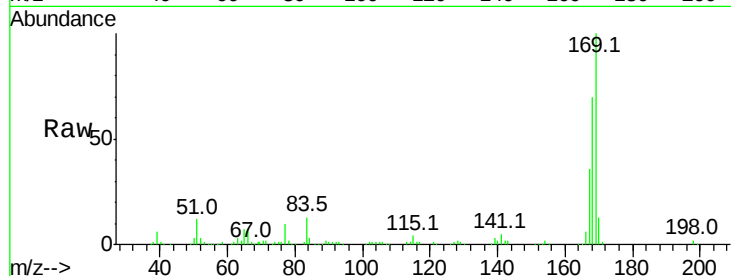
ClientSampleId :

G13-0-1.5MSD

Tot Ion:	169	Resp:	318455
Ion Ratio	Lower	Upper	
169	100		
168	69.7	53.2	79.8
167	36.3	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 50.35 ng

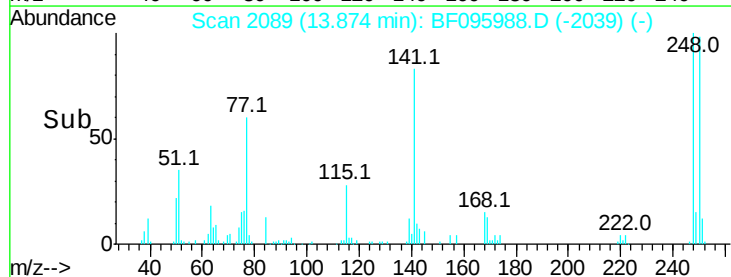
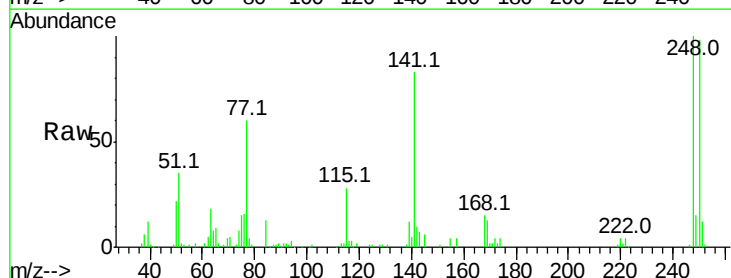
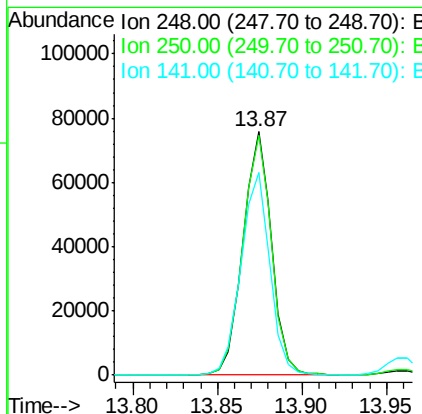
RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Tgt Ion:	248	Resp:	89082
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.8	115.2
141	83.3	68.6	103.0





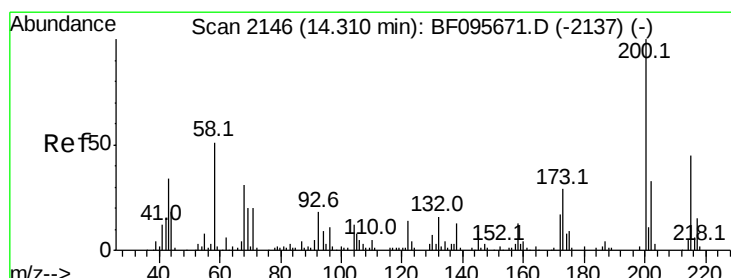
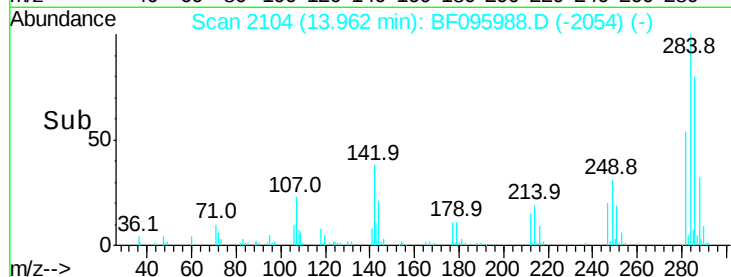
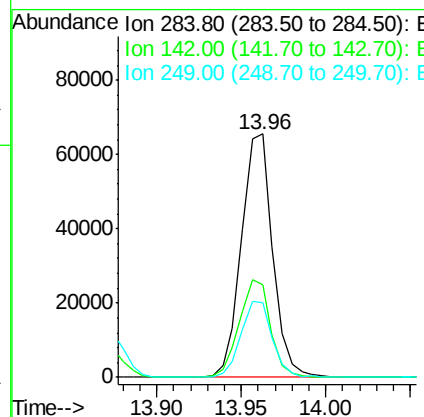
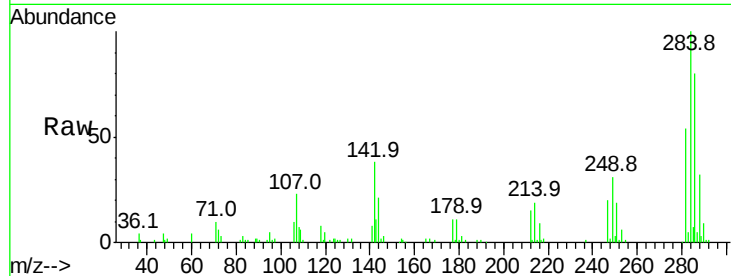
#67
Hexachlorobenzene
Concen: 48.58 ng
RT: 13.96 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	38.0	22.8	34.2	
249	30.8	24.0	36.0	

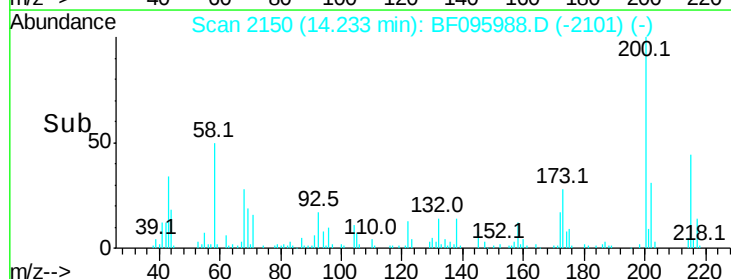
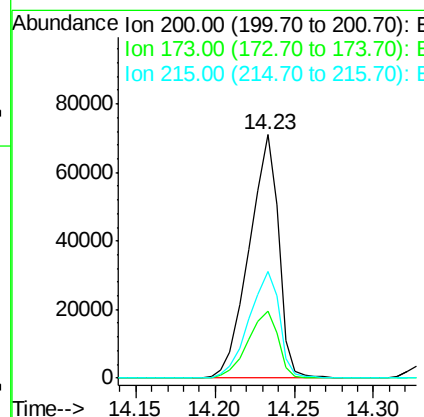
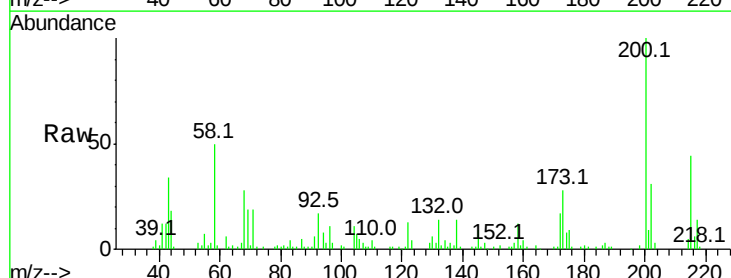
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#68
Atrazine
Concen: 53.95 ng
RT: 14.23 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.7	6.3	46.3	
215	43.8	27.2	67.2	





#69

Pentachlorophenol

Concen: 63.94 ng

RT: 14.33 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Instrument :

BNA_F

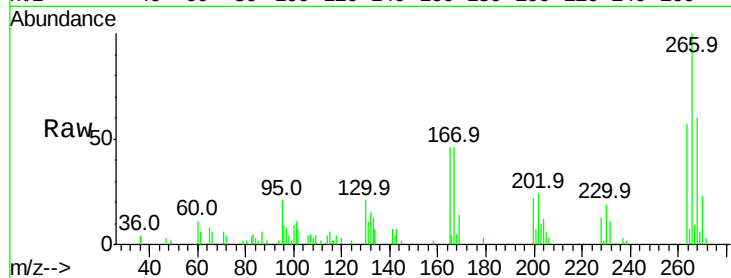
ClientSampled :

G13-0-1.5MSD

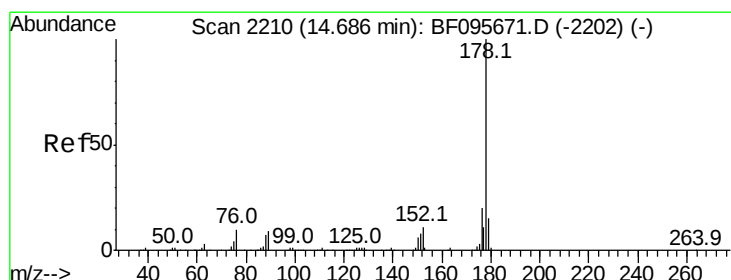
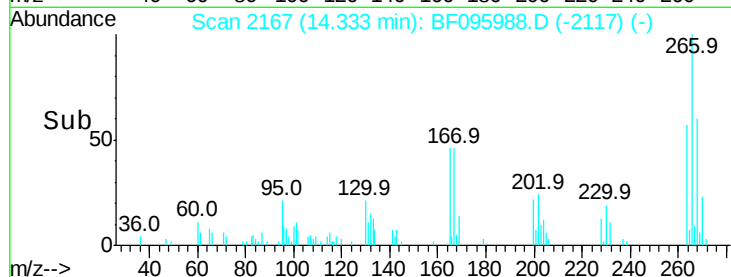
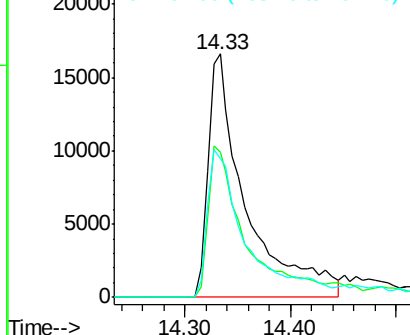
Tot Ion:	266	Resp:	41313
Ion Ratio	Lower	Upper	
266	100		
268	59.6	51.1	76.7
264	57.1	51.7	77.5

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 48.69 ng

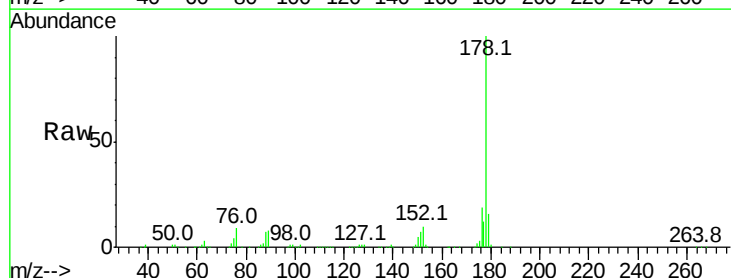
RT: 14.60 min Scan# 2213

Delta R.T. -0.01 min

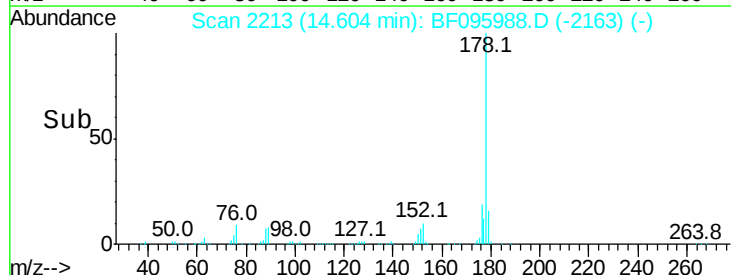
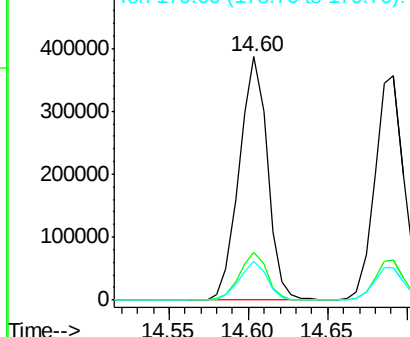
Lab File: BF095988.D

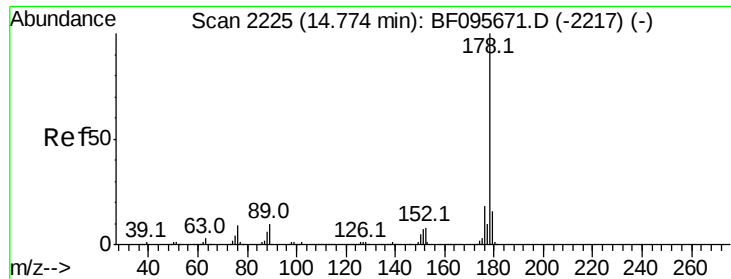
Acq: 17 Jun 2017 9:49

Tgt Ion:	178	Resp:	478255
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.2	24.4
179	15.7	12.6	19.0



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





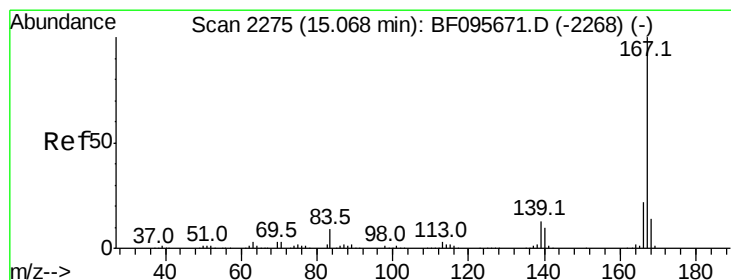
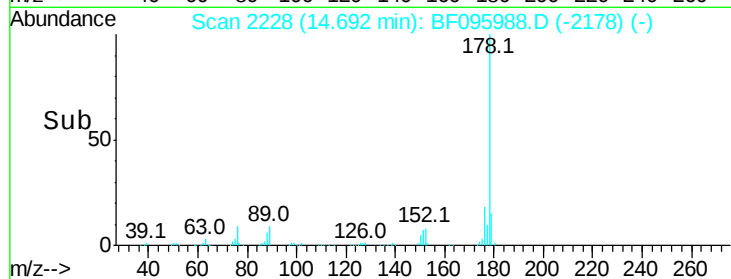
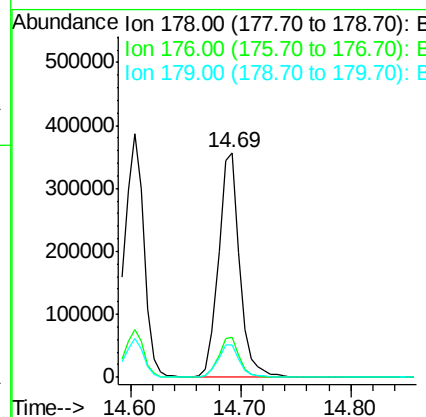
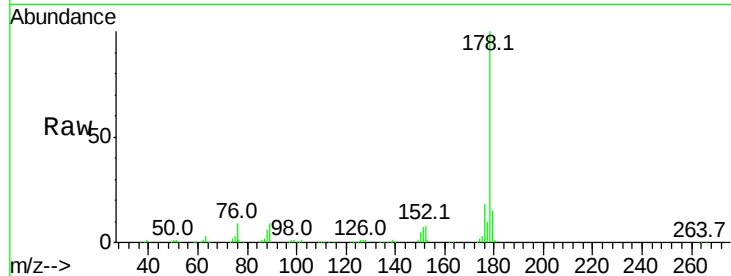
#71
 Anthracene
 Concen: 45.75 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.6	12.7	19.1

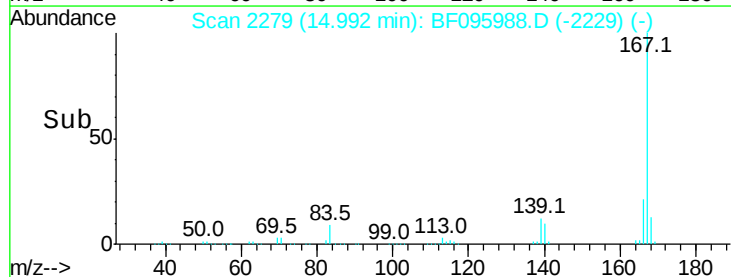
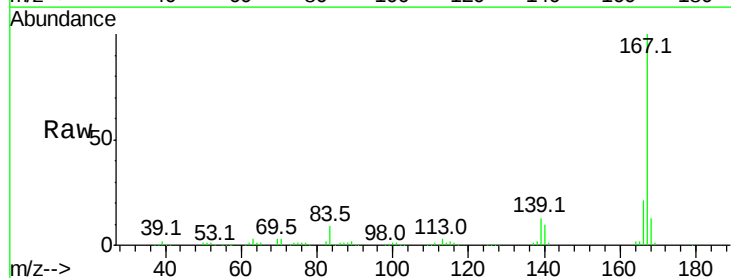
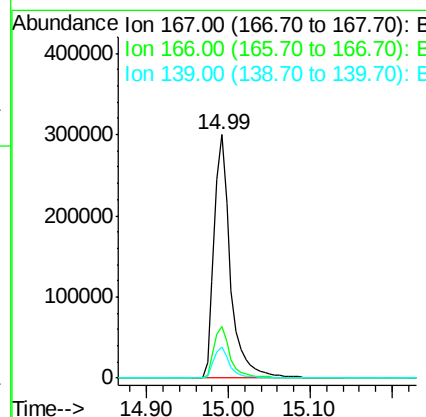
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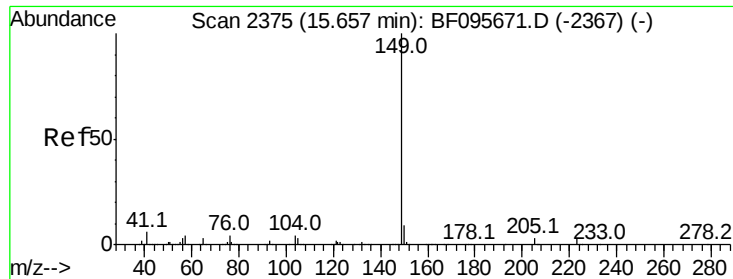
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#72
 Carbazole
 Concen: 42.02 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	12.6	11.7	17.5





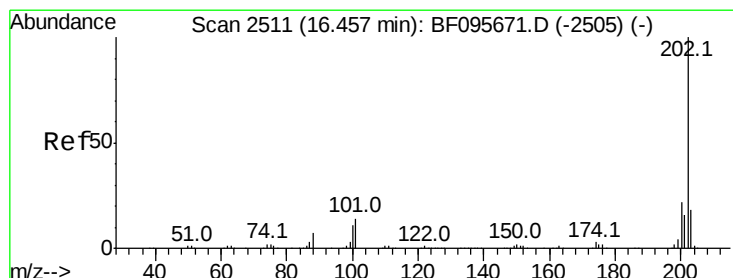
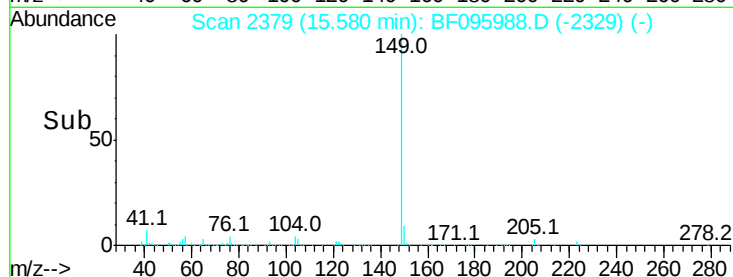
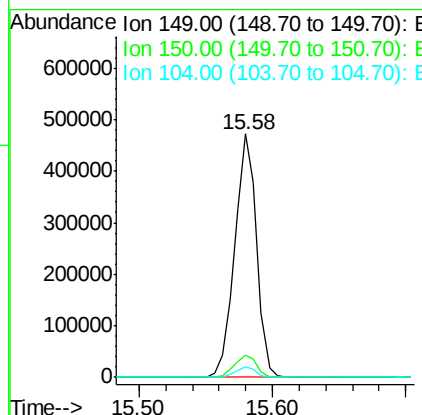
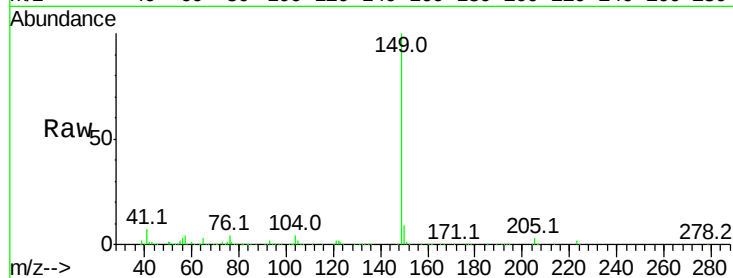
#73
Di-n-butylphthalate
Concen: 50.74 ng
RT: 15.58 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.3	4.0	6.0

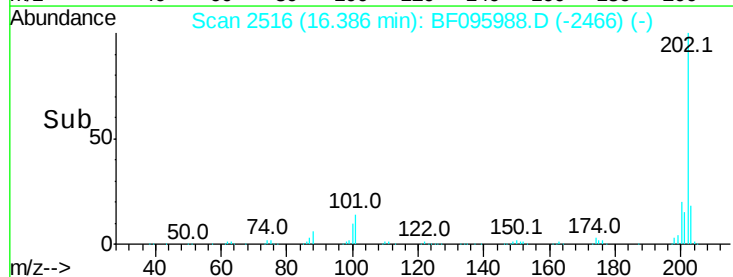
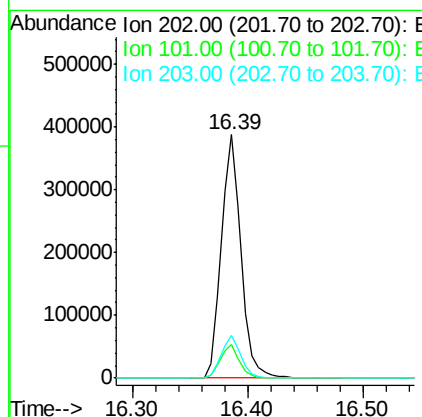
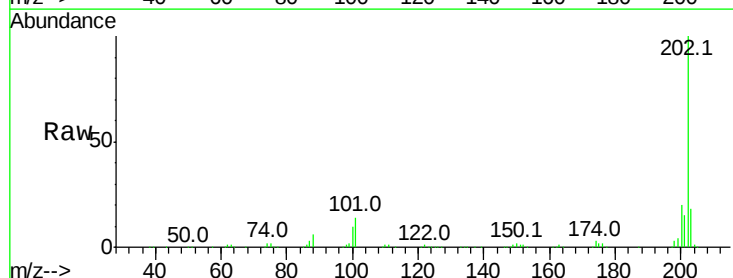
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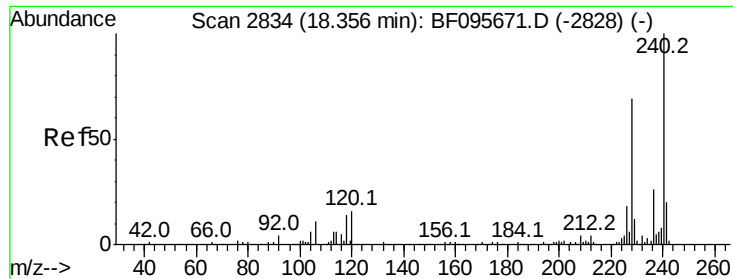
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#74
Fluoranthene
Concen: 46.94 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Instrument :

BNA_F

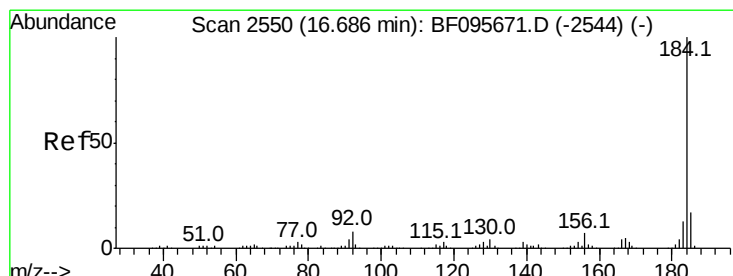
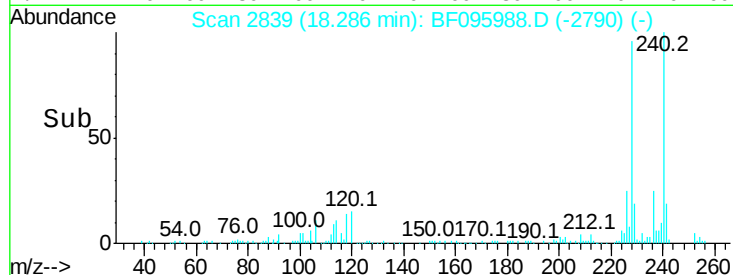
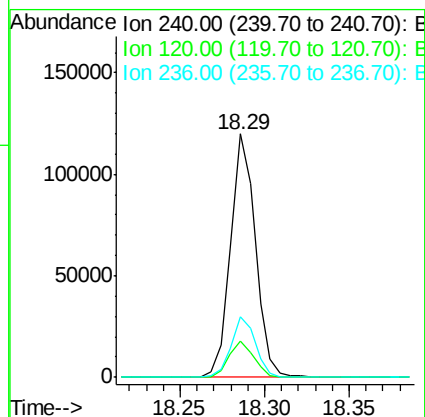
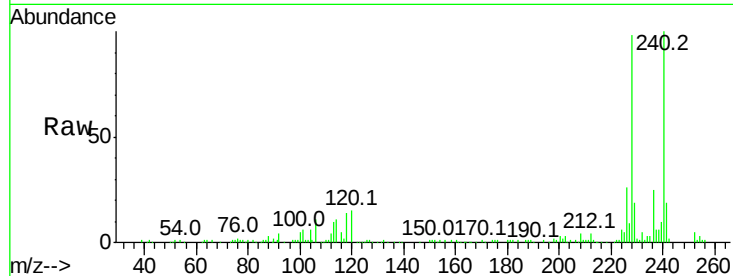
ClientSampleId :

G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.7	20.5	30.7

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#76

Benzidine

Concen: 23.87 ng

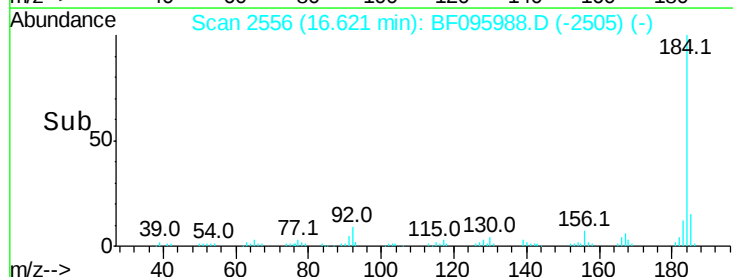
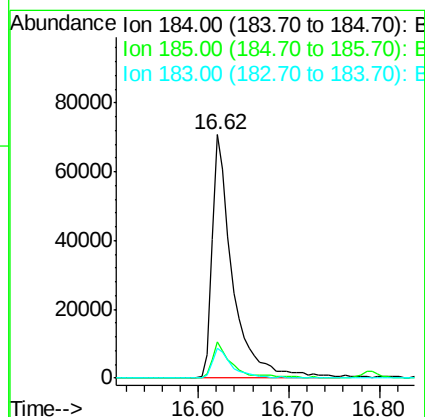
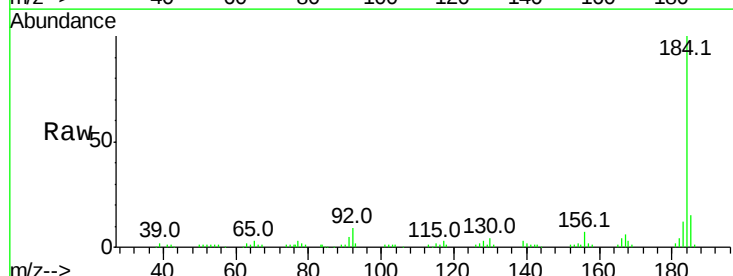
RT: 16.62 min Scan# 2556

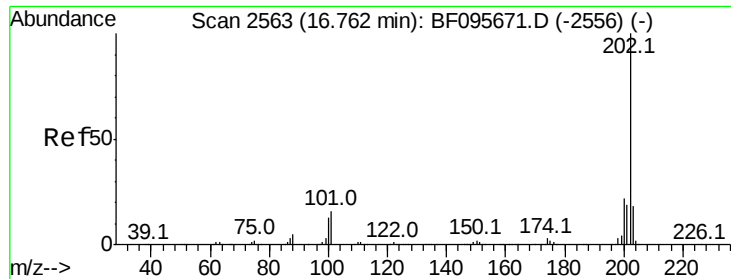
Delta R.T. 0.00 min

Lab File: BF095988.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	15.5	23.3#
183	12.4	9.8	14.6





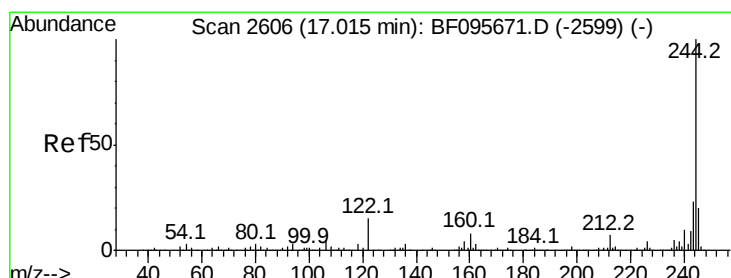
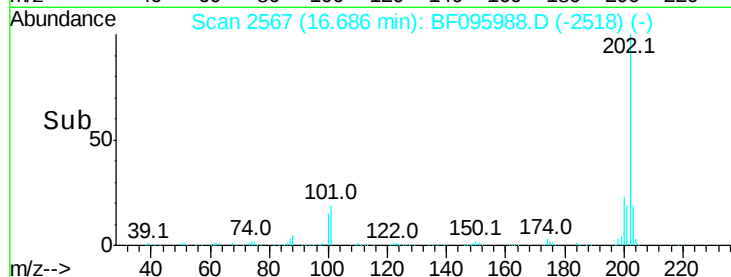
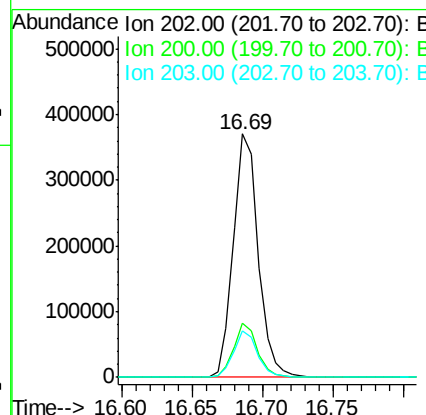
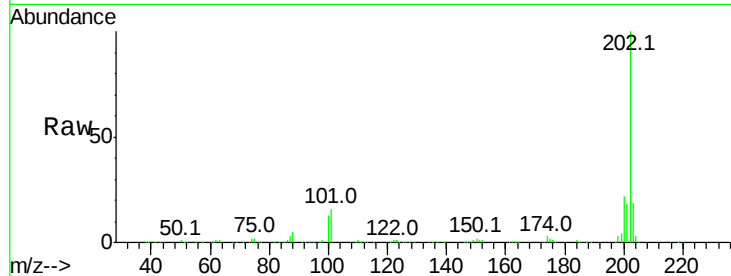
#77
Pvrene
Concen: 49.90 ng
RT: 16.69 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.9	14.4	21.6

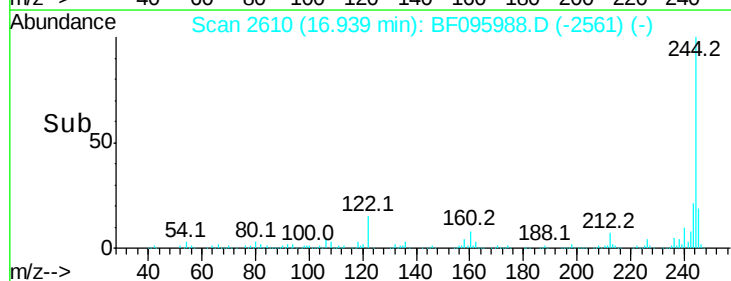
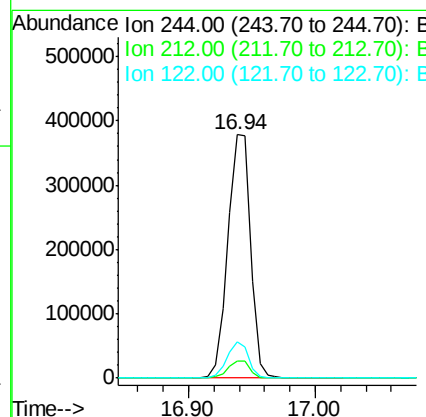
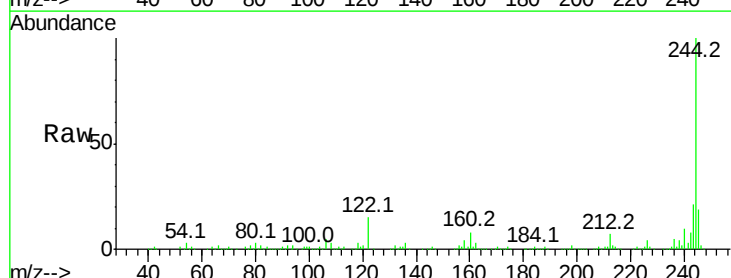
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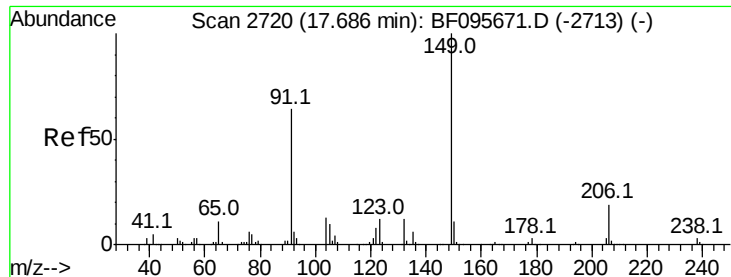
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#78
Terphenyl-d14
Concen: 94.98 ng
RT: 16.94 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.1	10.3	15.5





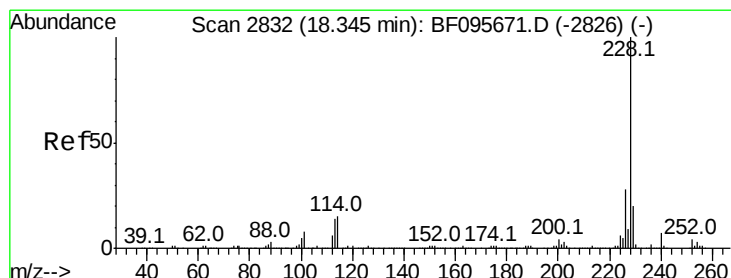
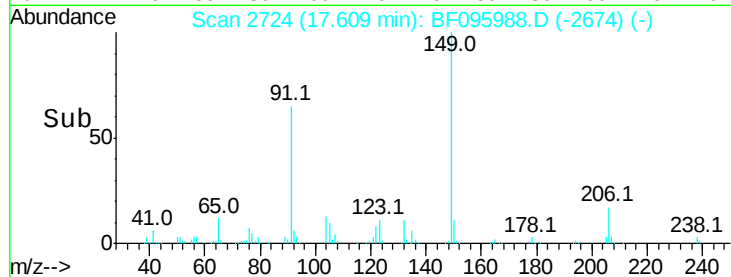
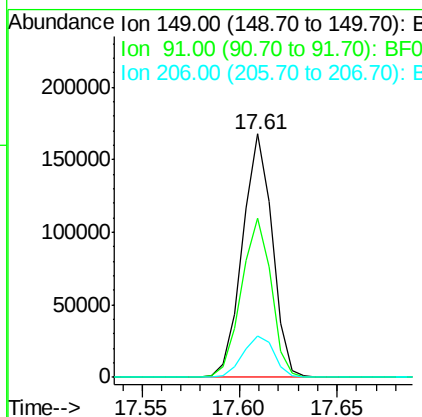
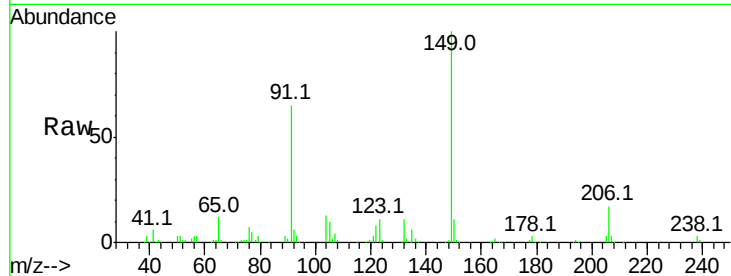
#79
Butylbenzylphthalate
Concen: 44.48 ng
RT: 17.61 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	177453		
91	65.2	45.0	67.4	
206	17.1	17.0	25.6	

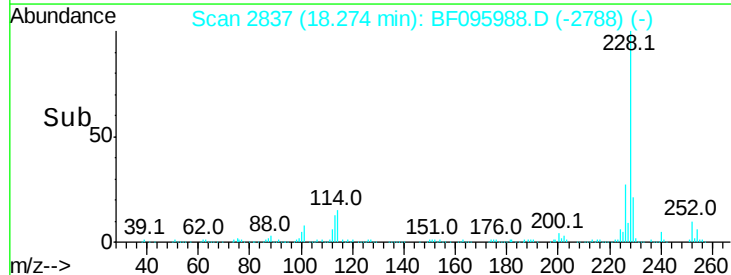
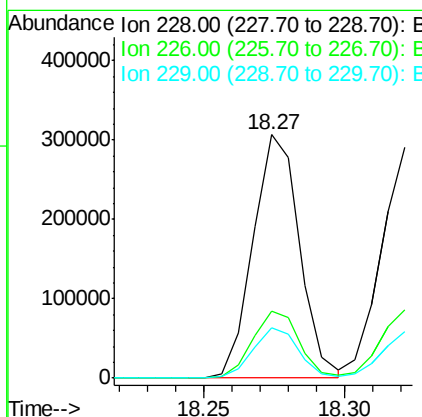
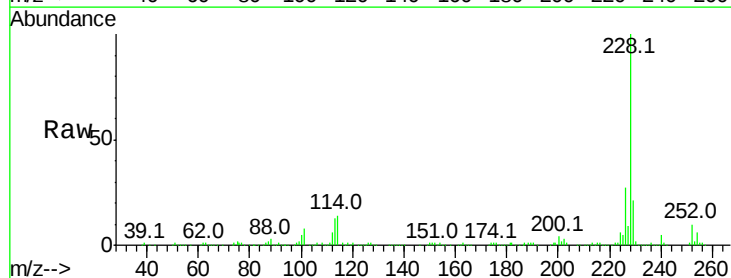
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#80
Benzo(a)anthracene
Concen: 49.20 ng
RT: 18.27 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	350150		
226	27.3	22.6	33.8	
229	20.5	16.3	24.5	





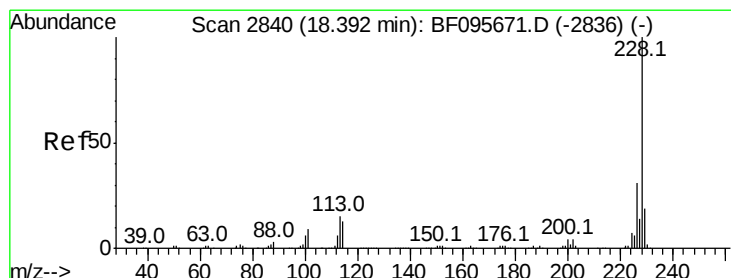
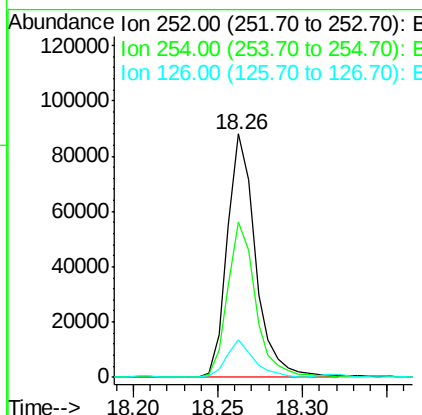
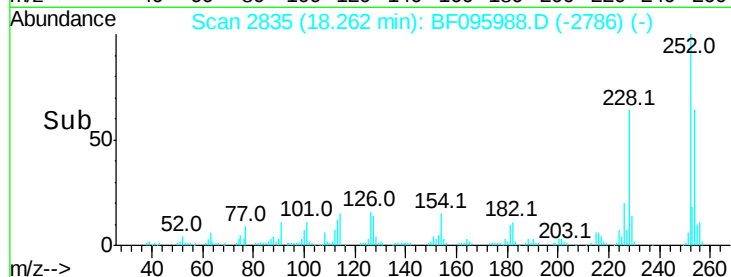
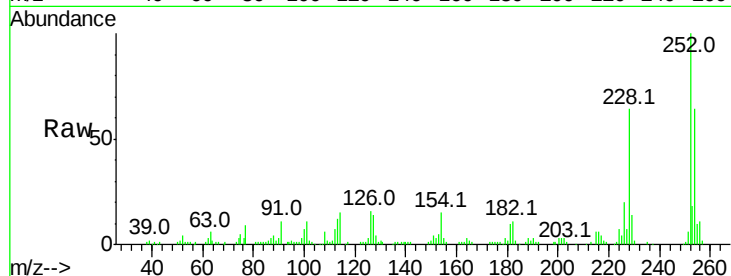
#81
 3,3'-Dichlorobenzidine
 Concen: 40.38 ng
 RT: 18.26 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	15.6	15.8	23.8

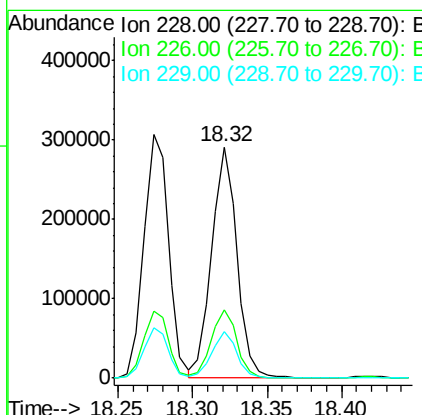
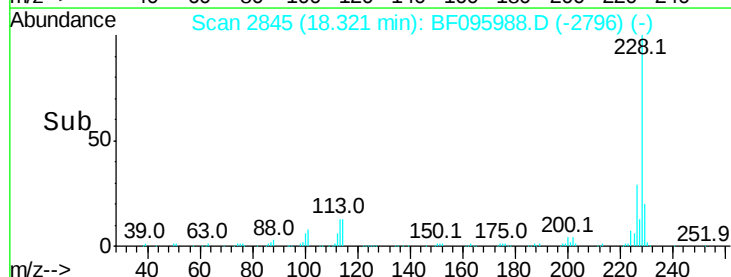
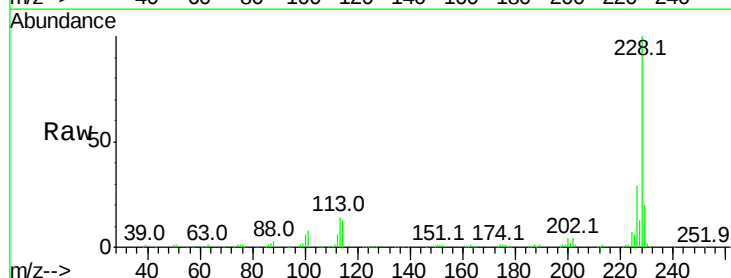
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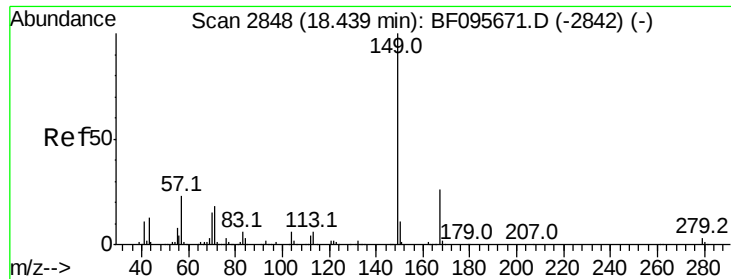
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#82
 Chrysene
 Concen: 48.34 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.9	15.8	23.6





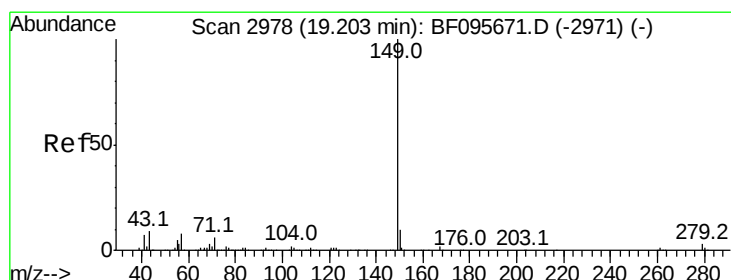
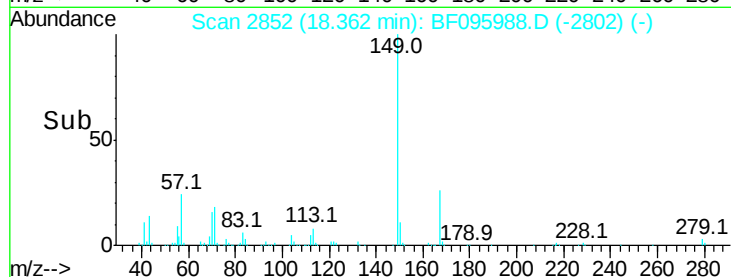
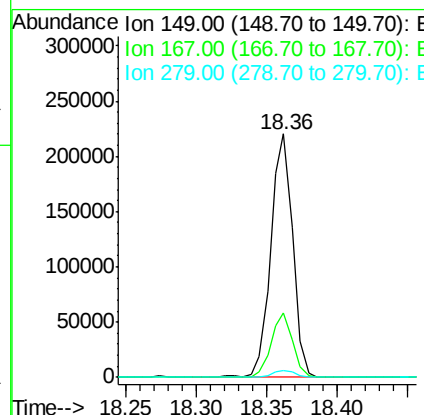
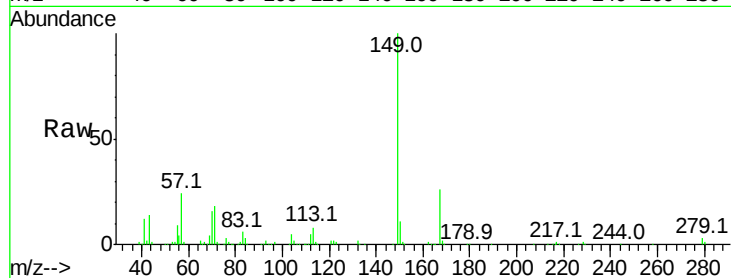
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.81 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.0	1.9	2.9#

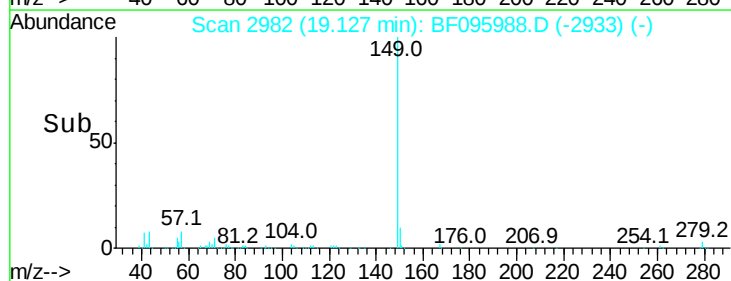
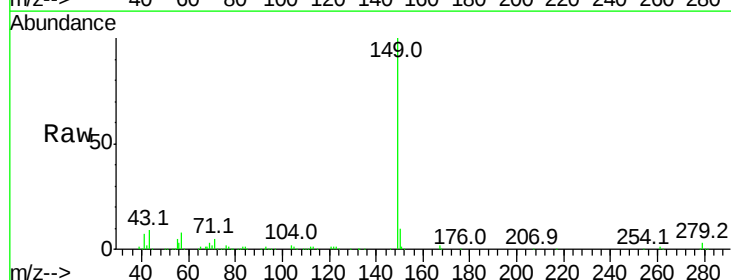
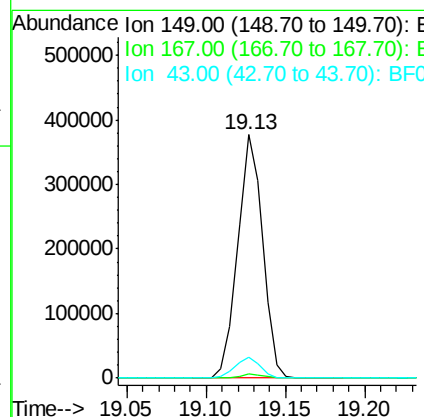
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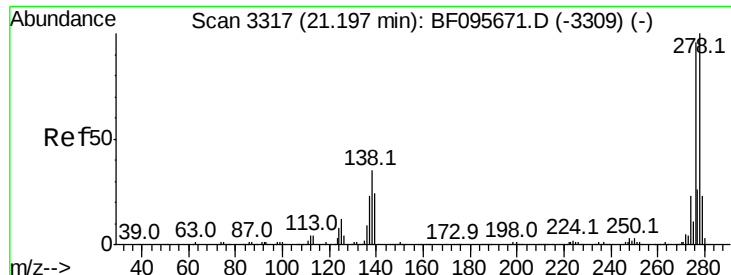
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#84
 Di-n-octyl phthalate
 Concen: 44.26 ng
 RT: 19.13 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.6	8.5	12.7





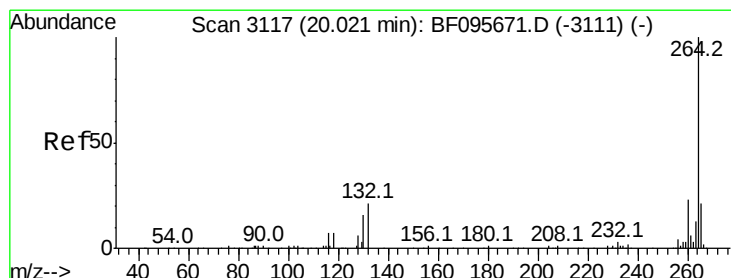
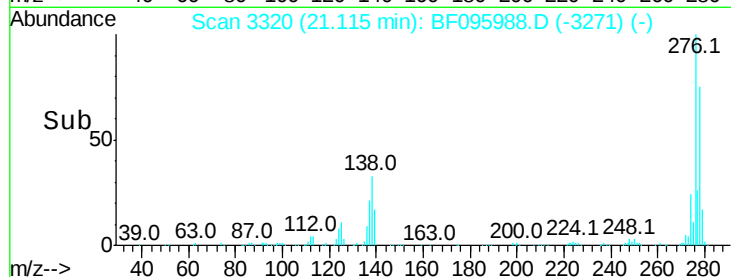
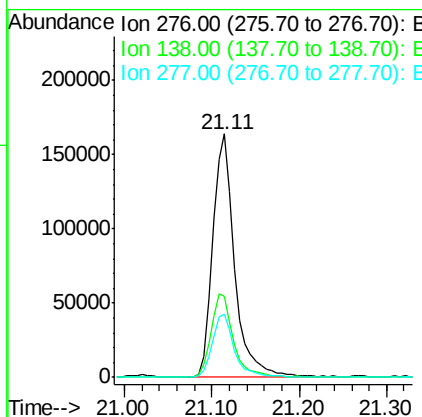
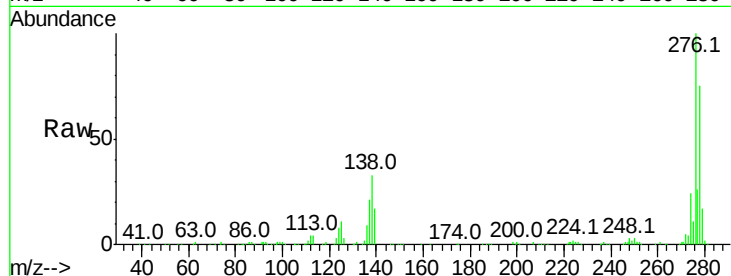
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.97 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	33.6	27.8	41.6
277	26.0	20.2	30.4

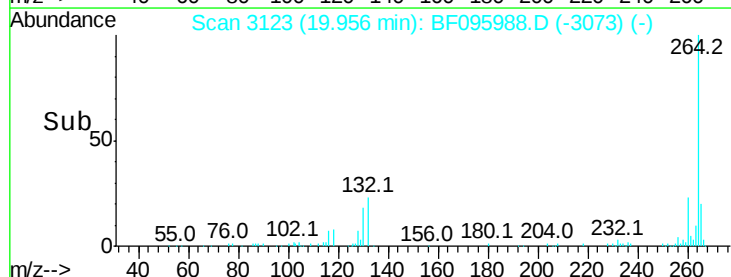
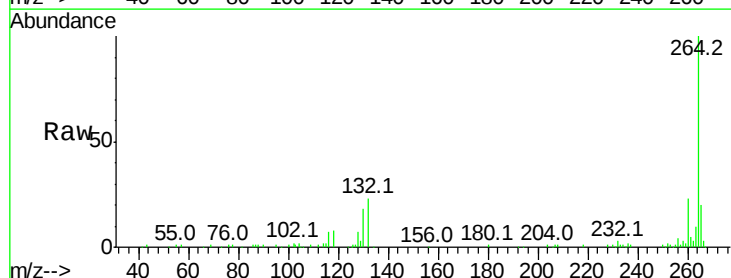
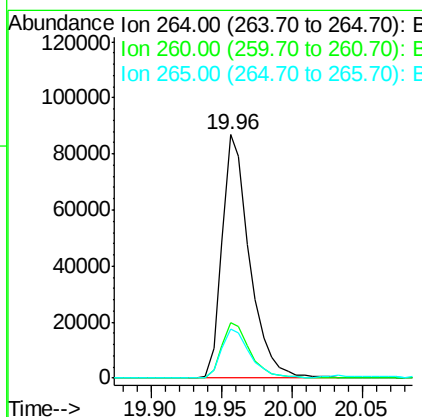
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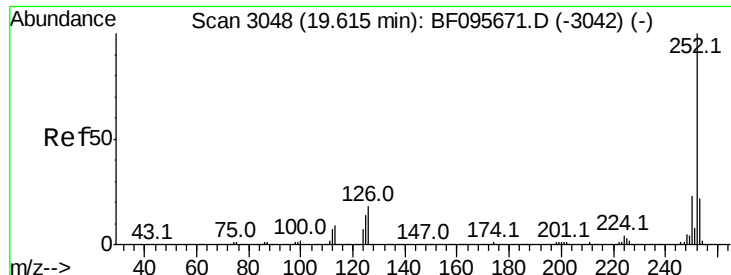
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#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 52.00 ng

RT: 19.55 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Instrument :

BNA_F

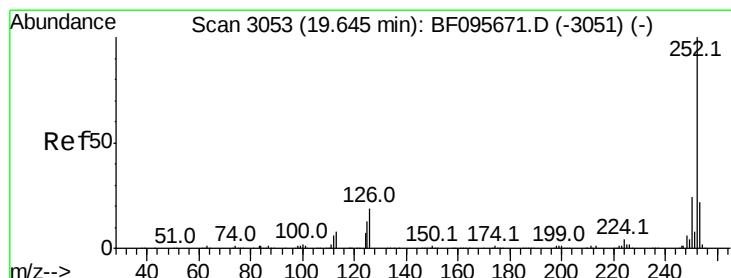
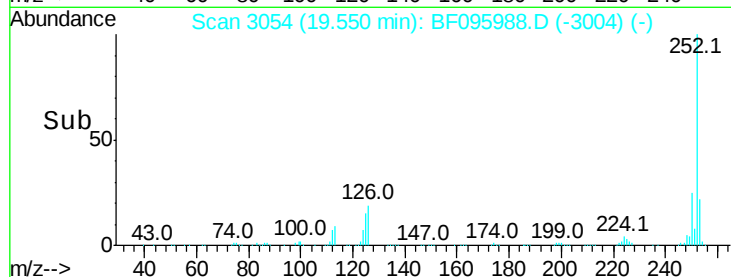
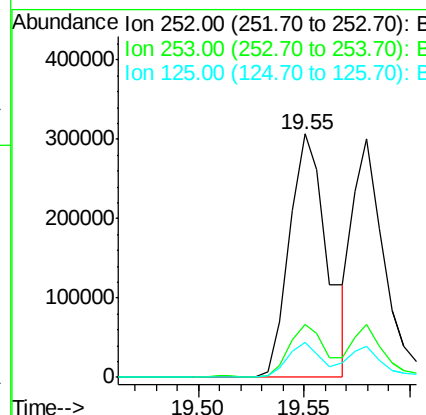
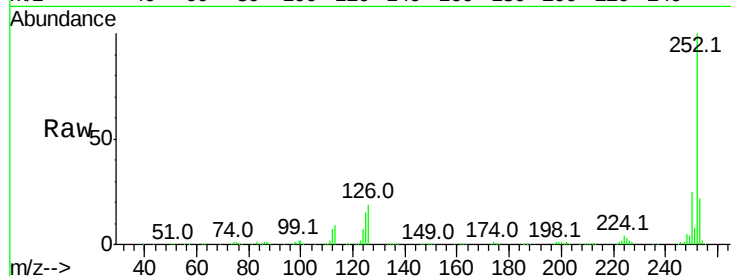
ClientSampleId :

G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	14.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 44.59 ng m

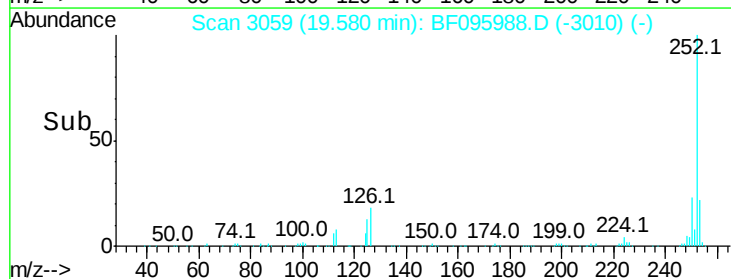
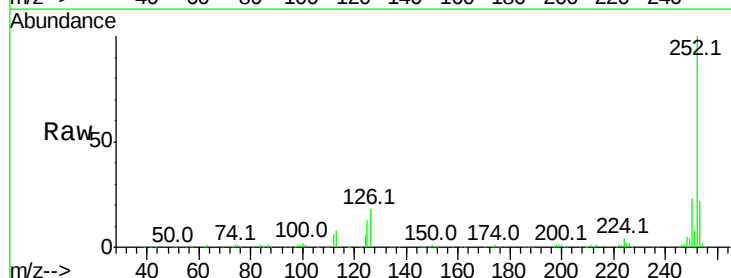
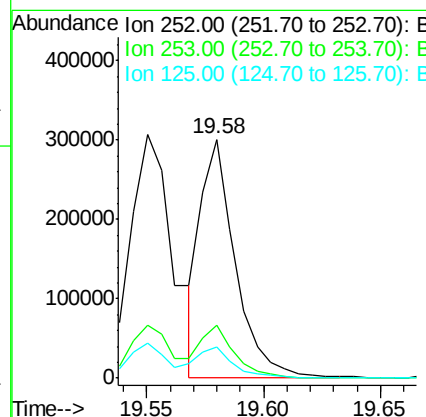
RT: 19.58 min Scan# 3059

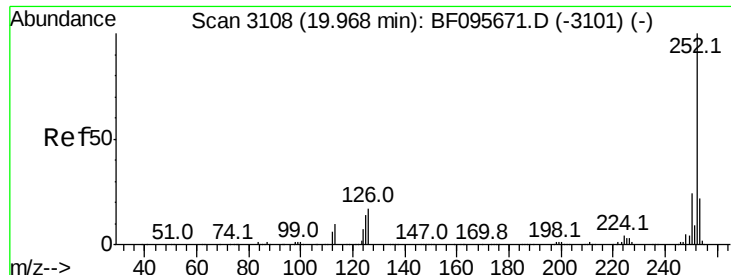
Delta R.T. -0.01 min

Lab File: BF095988.D

Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	13.0	13.1	19.7





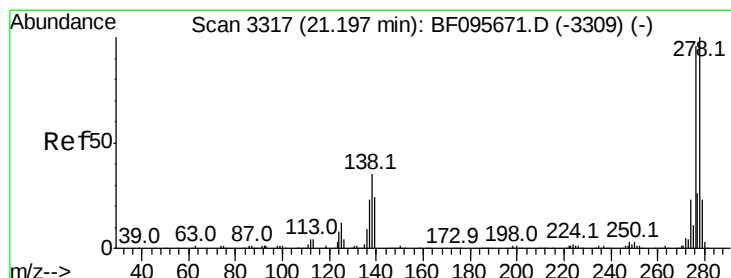
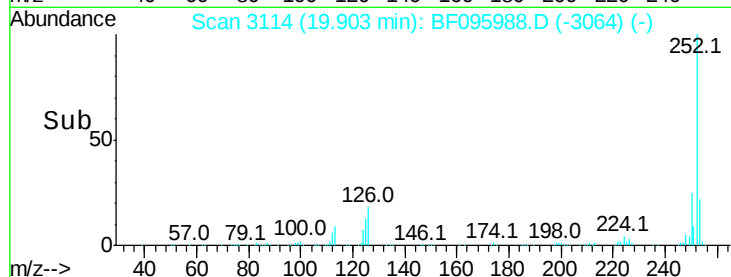
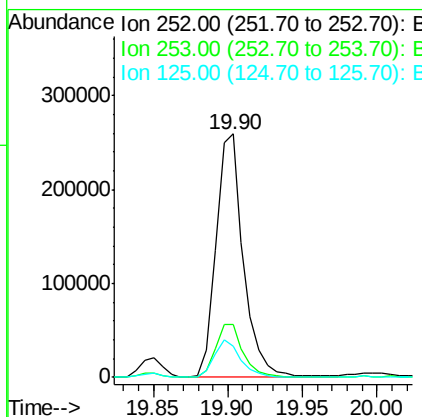
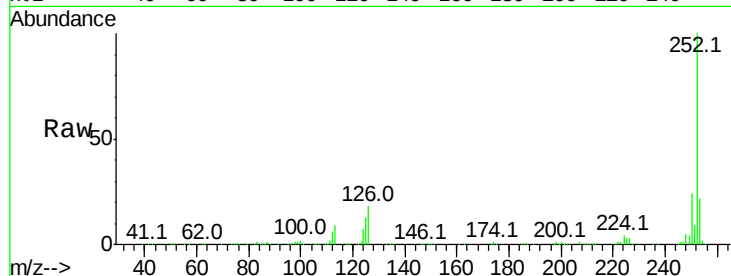
#89
Benzo(a)pyrene
Concen: 49.12 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.0	11.0	16.4

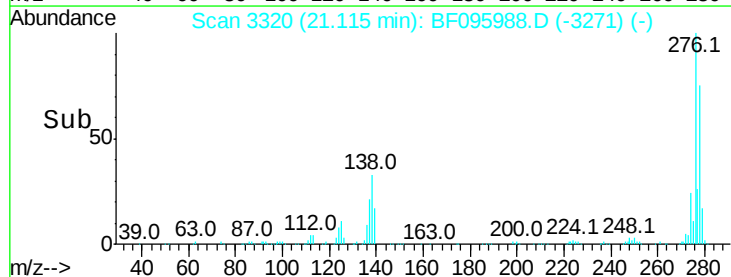
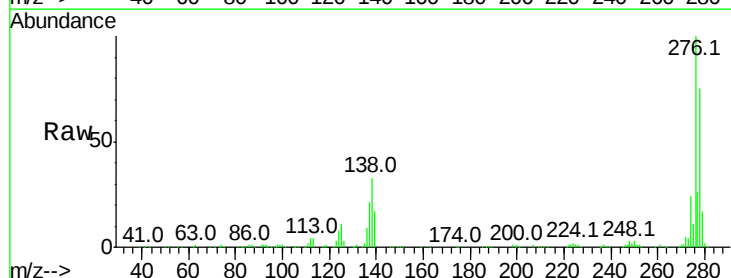
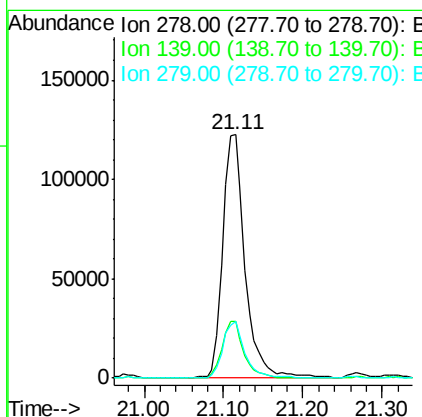
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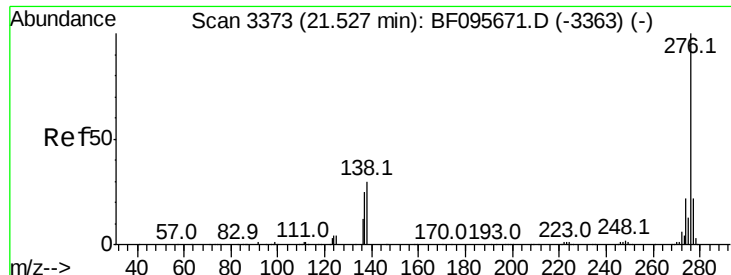
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#90
Dibenzo(a,h)anthracene
Concen: 41.41 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095988.D
Acq: 17 Jun 2017 9:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	23.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.75 ng
 RT: 21.44 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BF095988.D
 Acq: 17 Jun 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5MSD

Tot Ion:	276	Resp:	233889
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	29.9	25.4	38.0

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