

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096118.D
 Acq On : 22 Jun 2017 13:03
 Operator : SJ/MA
 Sample : I3759-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Manual Integrations
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mohammad
 6/26/2017 8:27:17 AM

Quant Time: Jun 22 16:38:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	70335	20.00	ng	-0.02
21) Naphthalene-d8	9.30	136	291302	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	138960	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	255063	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	185465	20.00	ng	0.00
86) Perylene-d12	19.94	264	100525	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	594614	134.71	ng	0.00
7) Phenol-d6	6.86	99	706141	133.63	ng	-0.02
23) Nitrobenzene-d5	8.20	82	443812	94.62	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	167404	136.16	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	885511	88.68	ng	-0.02
78) Terphenyl-d14	16.92	244	810688	108.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.74	88	91003m	43.34	ng	
3) Pyridine	2.29	79	166222m	33.68	ng	
4) n-Nitrosodimethylamine	2.20	42	86294	45.99	ng	81
6) Aniline	6.81	93	34082	4.93	ng	96
8) 2-Chlorophenol	6.97	128	221641	47.23	ng	98
9) Benzaldehyde	6.61	77	60535	16.98	ng	93
10) Phenol	6.88	94	240075	43.80	ng	93
11) bis(2-Chloroethyl)ether	6.92	93	204163	47.02	ng	96
12) 1,3-Dichlorobenzene	7.17	146	227205	42.77	ng	98
13) 1,4-Dichlorobenzene	7.30	146	230412	42.77	ng	96
14) 1,2-Dichlorobenzene	7.53	146	221063	44.51	ng	96
15) Benzyl Alcohol	7.60	79	143863	39.66	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.78	45	281690	46.17	ng	97
17) 2-Methylphenol	7.83	107	181513	46.09	ng	96
18) Hexachloroethane	8.05	117	79085	44.45	ng	# 85
19) n-Nitroso-di-n-propylamine	8.02	70	156163	46.63	ng	95
20) 3+4-Methylphenols	8.11	107	242298	48.46	ng	# 60
22) Acetophenone	7.97	105	319993	46.93	ng	# 84
24) Nitrobenzene	8.23	77	221898	44.29	ng	92
25) Isophorone	8.63	82	401292	45.82	ng	96
26) 2-Nitrophenol	8.74	139	122445	46.67	ng	96
27) 2,4-Dimethylphenol	8.90	122	202255	49.67	ng	96
28) bis(2-Chloroethoxy)methane	9.01	93	249986	43.30	ng	99
29) 2,4-Dichlorophenol	9.19	162	175133	44.66	ng	96
30) 1,2,4-Trichlorobenzene	9.24	180	179983	44.11	ng	98
31) Naphthalene	9.34	128	656290	44.89	ng	100
32) Benzoic acid	9.30	122	108405	43.18	ng	94
33) 4-Chloroaniline	9.56	127	34519	6.04	ng	# 85
34) Hexachlorobutadiene	9.56	225	91733	43.51	ng	95
35) Caprolactam	10.16	113	53093m	45.50	ng	
36) 4-Chloro-3-methylphenol	10.40	107	199481	48.59	ng	91
37) 2-Methylnaphthalene	10.47	142	459018	46.47	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.75	216	177499	42.68	ng	98
40) Hexachlorocyclopentadiene	10.72	237	75667	61.13	ng	97

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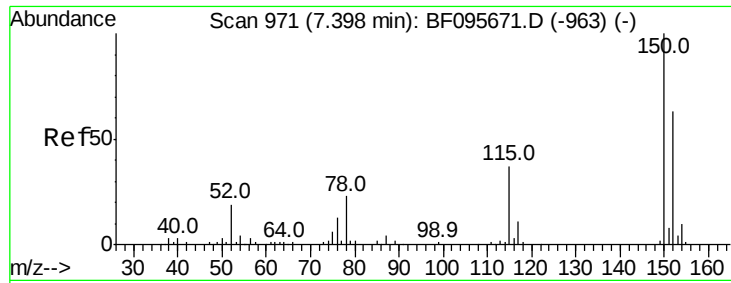
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	122658	45.87	nq	98
43) 2,4,5-Trichlorophenol	11.10	196	121973	42.89	nq	95
45) 1,1'-Biphenyl	11.24	154	511258	44.64	nq	97
46) 2-Chloronaphthalene	11.25	162	392390	43.85	nq	94
47) 2-Nitroaniline	11.49	65	114199	43.61	nq	# 84
48) Acenaphthylene	11.90	152	608856	39.79	nq	98
49) Dimethylphthalate	11.80	163	485533	46.02	nq	99
50) 2,6-Dinitrotoluene	11.90	165	100483	43.66	nq	# 73
51) Acenaphthene	12.19	154	380748	43.08	nq	99
52) 3-Nitroaniline	12.20	138	26844	10.01	nq	90
53) 2,4-Dinitrophenol	12.40	184	99026	76.32	nq	# 64
54) Dibenzofuran	12.47	168	581211	46.73	nq	98
55) 4-Nitrophenol	12.61	139	101262	65.57	nq	# 81
56) 2,4-Dinitrotoluene	12.57	165	152299	49.00	nq	# 90
57) Fluorene	13.03	166	477512	44.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.73	232	90628	46.57	nq	# 95
59) Diethylphthalate	12.94	149	485427	47.81	nq	99
60) 4-Chlorophenyl-phenylether	13.06	204	210132	44.64	nq	88
61) 4-Nitroaniline	13.17	138	58937	23.54	nq	92
62) Azobenzene	13.32	77	442113	48.04	nq	93
64) 4,6-Dinitro-2-methylphenol	13.25	198	72956	43.52	nq	# 80
65) n-Nitrosodiphenylamine	13.27	169	248250	27.09	nq	98
66) 4-Bromophenyl-phenylether	13.83	248	121069	45.67	nq	98
67) Hexachlorobenzene	13.92	284	120562	46.16	nq	# 89
68) Atrazine	14.19	200	41837	16.40	nq	95
69) Pentachlorophenol	14.30	266	67687	69.30	nq	96
70) Phenanthrene	14.57	178	674068	45.80	nq	99
71) Anthracene	14.65	178	692799	45.09	nq	99
72) Carbazole	14.96	167	376299	25.13	nq	97
73) Di-n-butylphthalate	15.55	149	807724	50.71	nq	98
74) Fluoranthene	16.36	202	693927	47.64	nq	98
77) Pyrene	16.66	202	699179	50.52	nq	98
79) Butylbenzylphthalate	17.59	149	325510	53.86	nq	# 86
80) Benzo(a)anthracene	18.26	228	511599	47.44	nq	97
82) Chrysene	18.30	228	499330	46.34	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	473506	55.54	nq	# 99
84) Di-n-octyl phthalate	19.11	149	728920	51.89	nq	96
85) Indeno(1,2,3-cd)pyrene	21.10	276	399708	43.35	nq	99
87) Benzo(b)fluoranthene	19.53	252	381614	60.63	nq	100
88) Benzo(k)fluoranthene	19.56	252	385191	64.02	nq	# 96
89) Benzo(a)pyrene	19.88	252	347909	60.14	nq	99
90) Dibenzo(a,h)anthracene	21.09	278	350519	71.42	nq	96
91) Benzo(g,h,i)perylene	21.41	276	349584	69.87	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

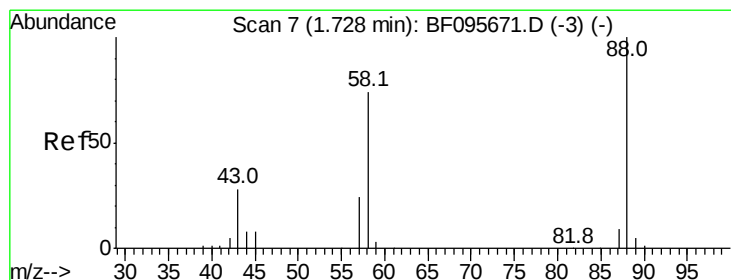
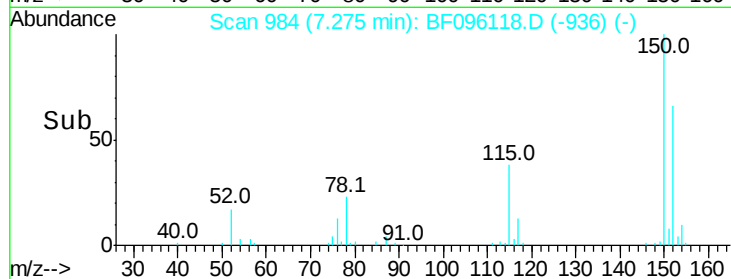
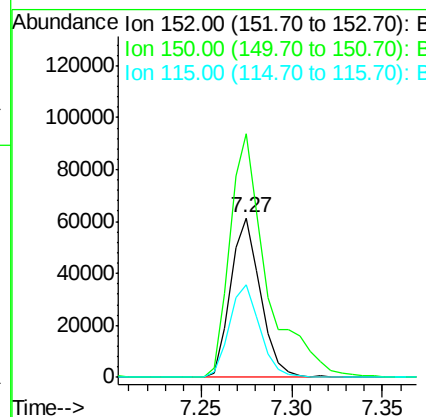
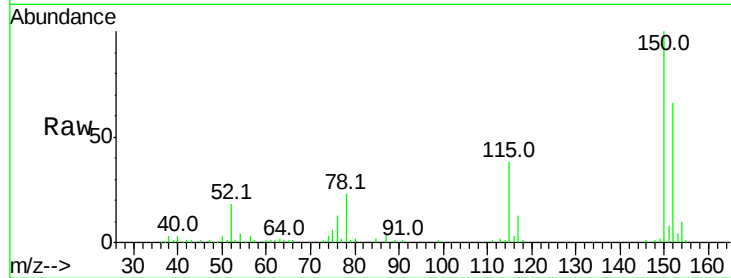
ClientSampleId :

SU-02-061617MS

Tot Ion:	152	Resp:	70335
Ion Ratio	Lower	Upper	
152	100		
150	152.6	126.2	189.2
115	58.3	52.2	78.2

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#2

1,4-Dioxane

Concen: 43.34 ng m

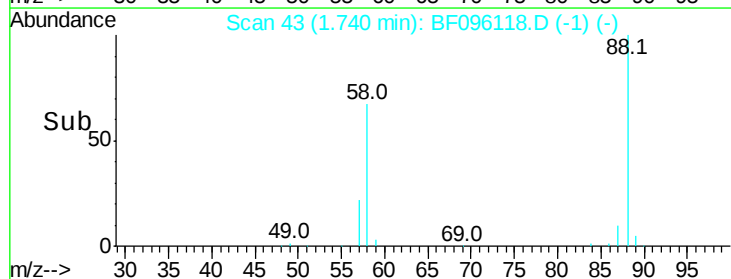
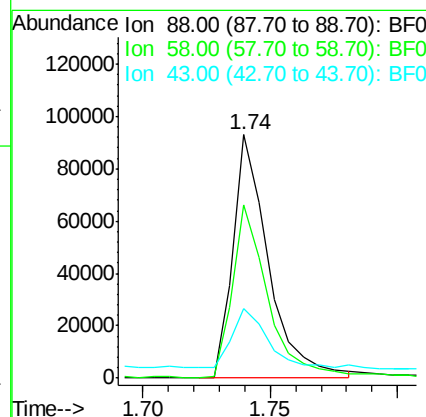
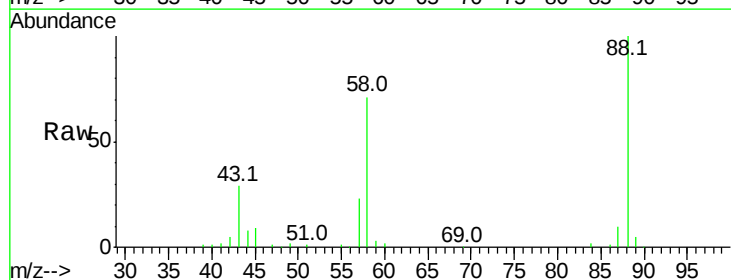
RT: 1.74 min Scan# 43

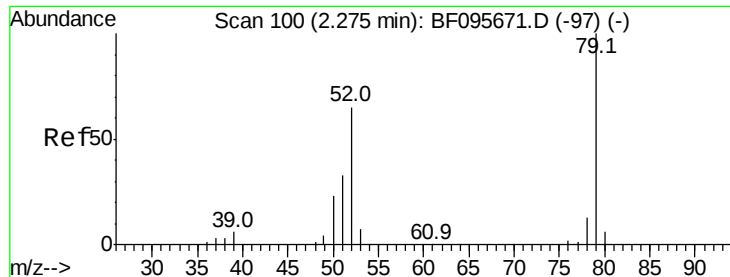
Delta R.T. 0.13 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	88	Resp:	91003
Ion Ratio	Lower	Upper	
88	100		
58	0.0	61.4	92.0#
43	0.0	23.4	35.0#





#3

Pvridine

Concen: 33.68 ng/ml

RT: 2.29 min Scan# 137

Delta R.T. 0.16 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

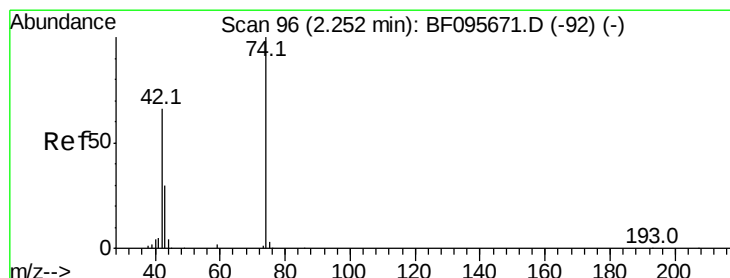
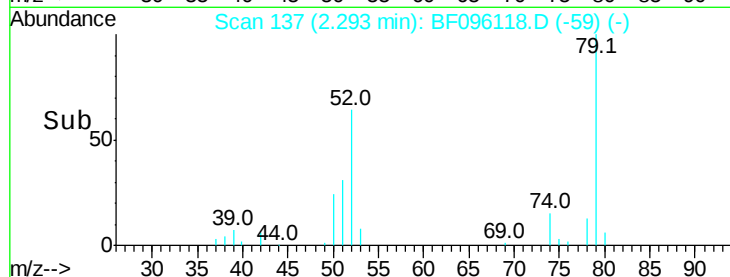
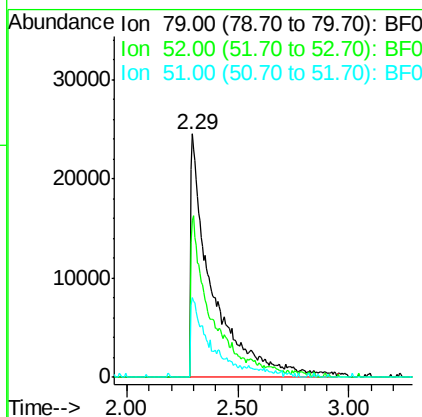
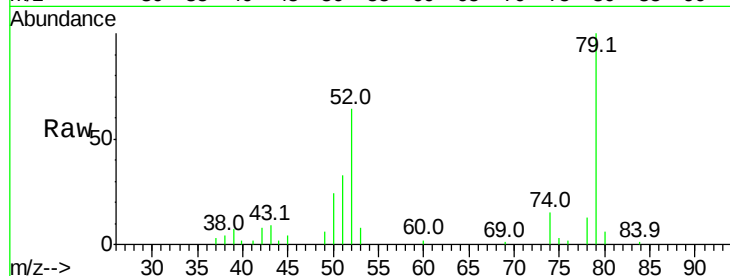
ClientSampleId :

SU-02-061617MS

Tot Ion:	79	Resp:	166222
Ion Ratio	Lower	Upper	
79	100		
52	64.4	54.8	82.2
51	33.0	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 45.99 ng/ml

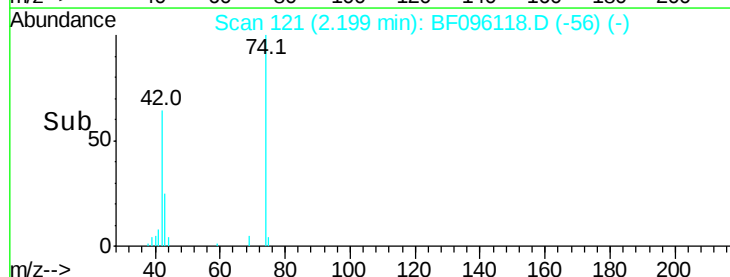
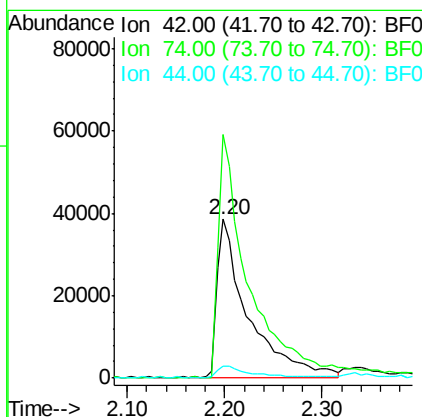
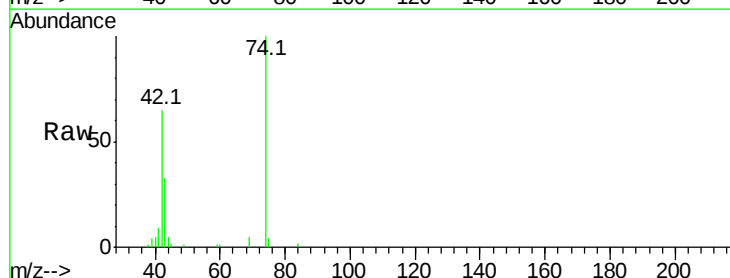
RT: 2.20 min Scan# 121

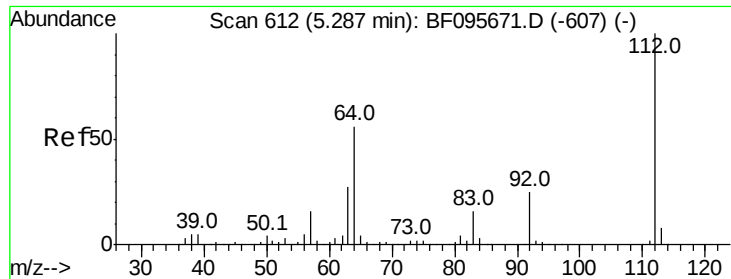
Delta R.T. 0.08 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	42	Resp:	86294
Ion Ratio	Lower	Upper	
42	100		
74	153.4	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 134.71 ng

RT: 5.19 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

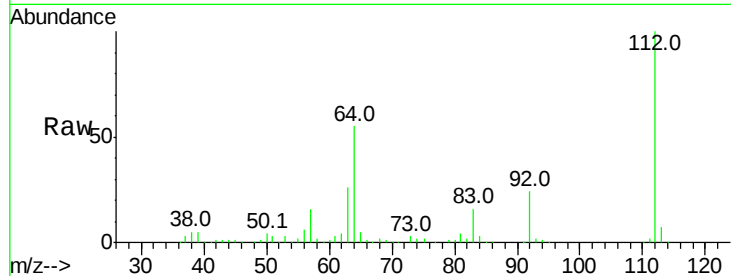
ClientSampleId :

SU-02-061617MS

Tot Ion:	112	Resp:	594614
Ion Ratio	Lower	Upper	
112	100		
64	55.1	46.0	69.0
63	26.2	23.4	35.0

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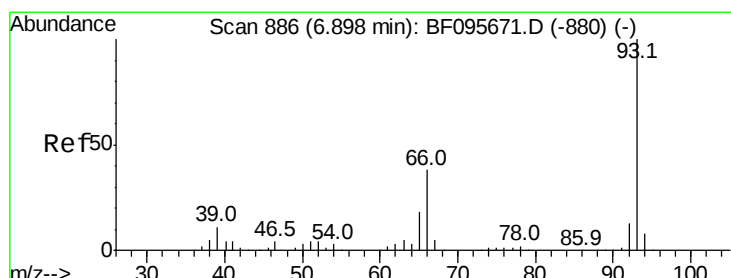
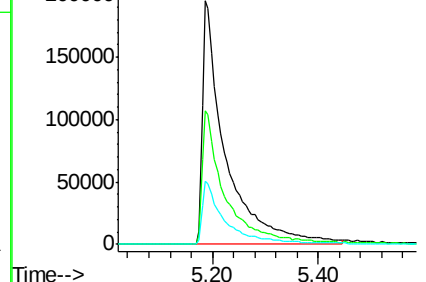
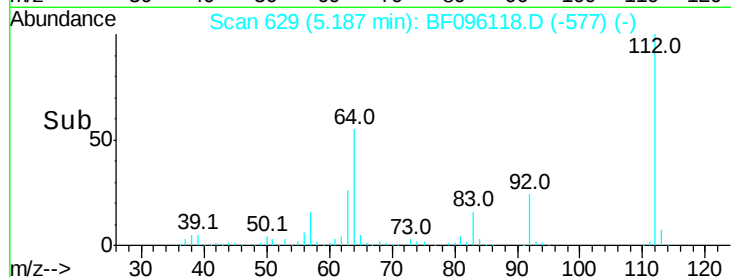
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.93 ng

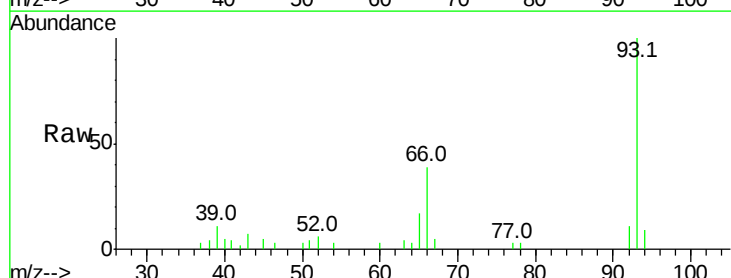
RT: 6.81 min Scan# 905

Delta R.T. 0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

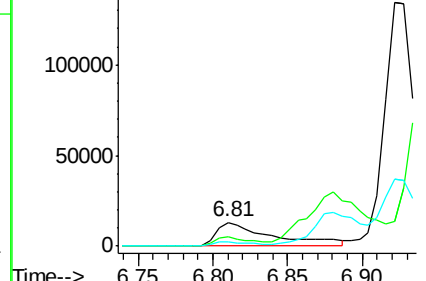
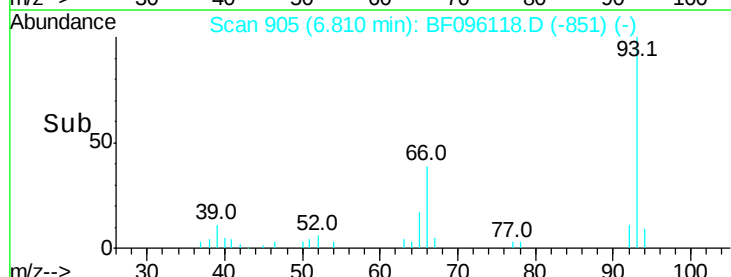
Tgt Ion:	93	Resp:	34082
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.9	49.3
65	17.4	16.0	24.0

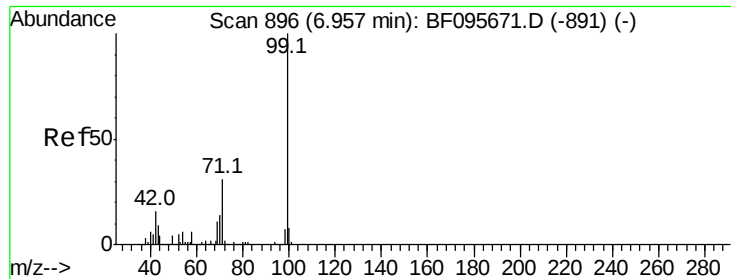


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.63 ng

RT: 6.86 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

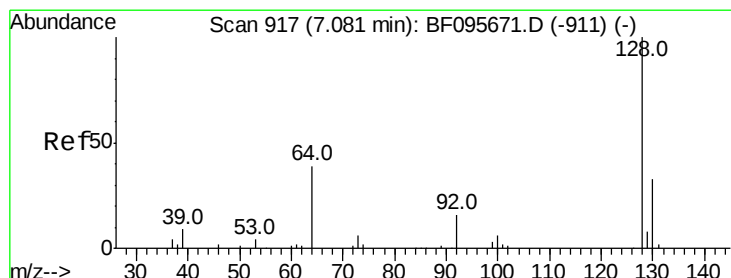
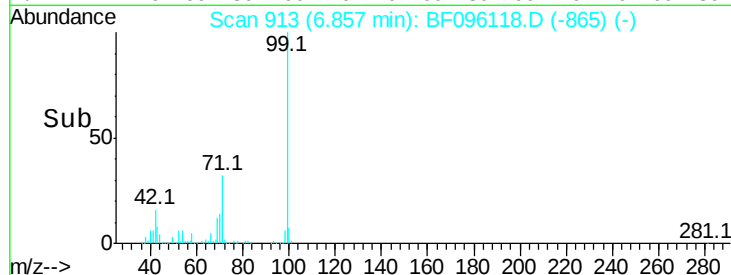
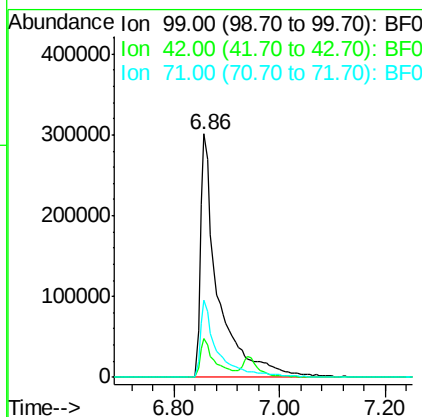
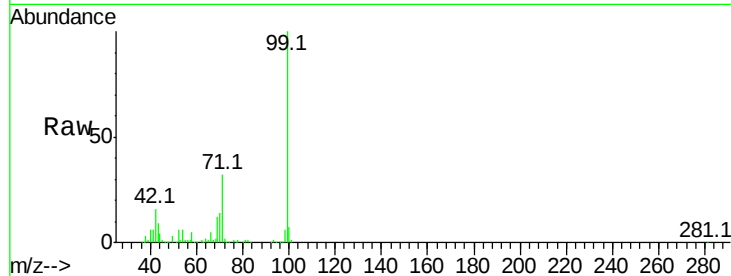
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Tot Ion	99	Resp	706141
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 47.23 ng

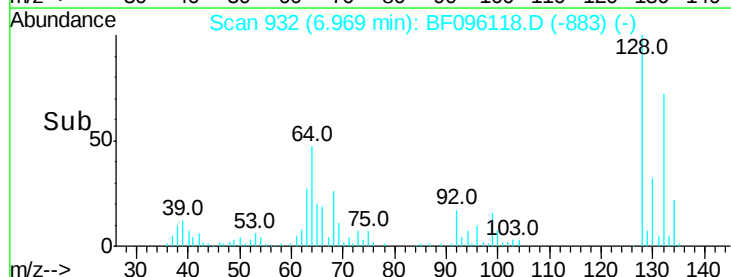
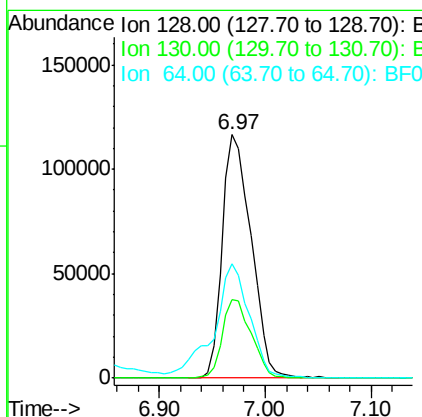
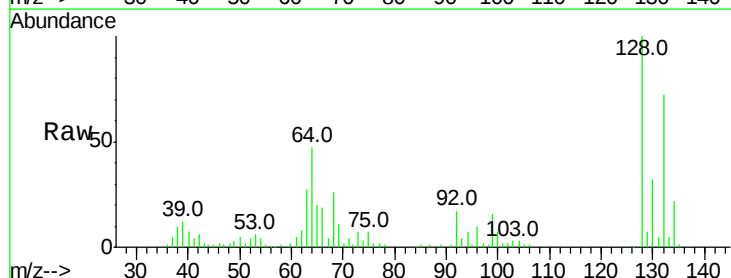
RT: 6.97 min Scan# 932

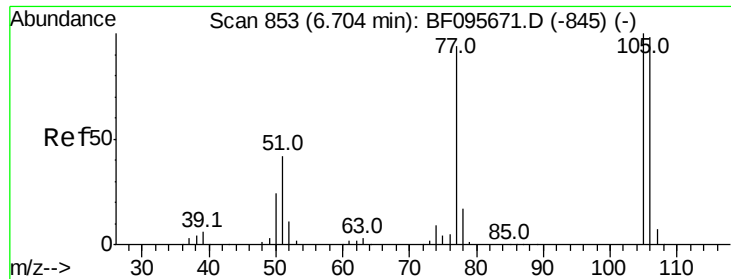
Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion	128	Resp	221641
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	46.9	28.4	68.4





#9

Benzaldehyde

Concen: 16.98 ng

RT: 6.61 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

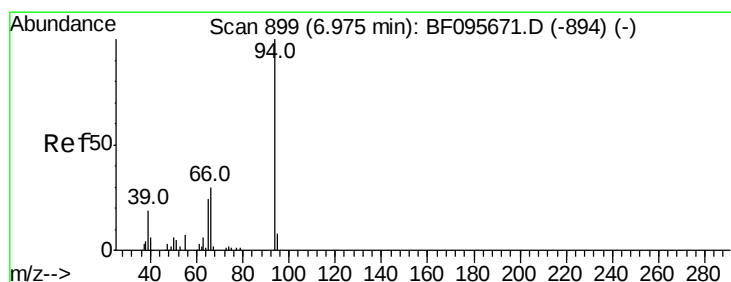
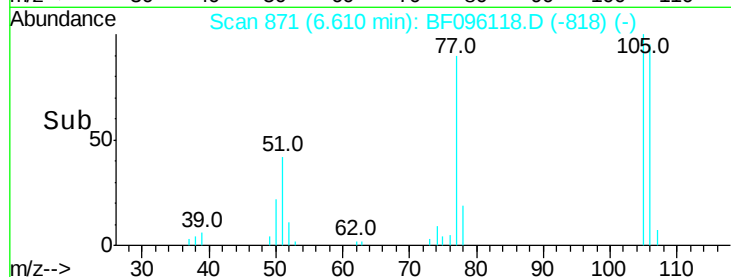
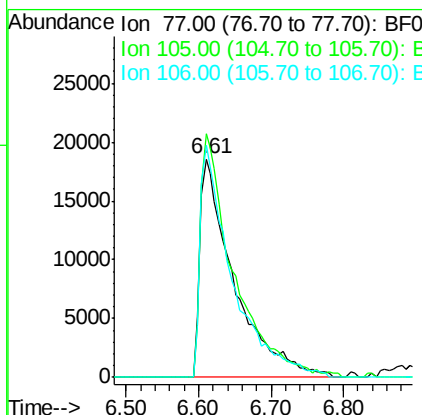
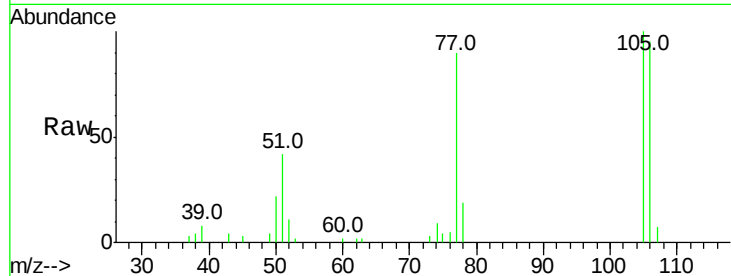
ClientSampleId :

SU-02-061617MS

Tot Ion:	77	Resp:	60535
Ion	Ratio	Lower	Upper
77	100		
105	111.5	83.8	123.8
106	106.0	79.1	119.1

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#10

Phenol

Concen: 43.80 ng

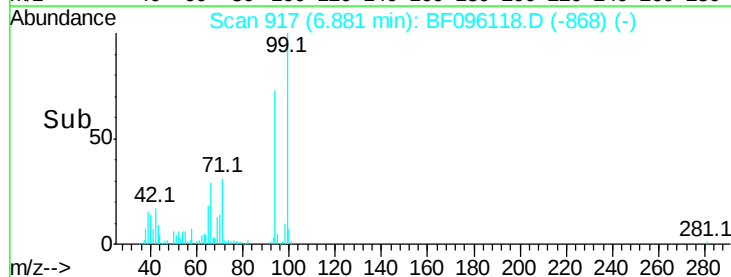
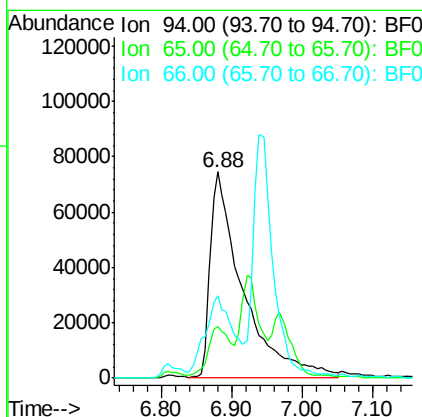
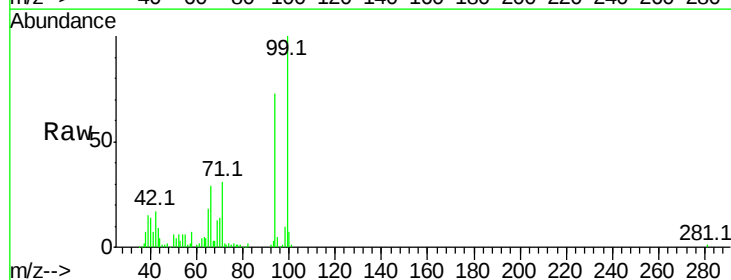
RT: 6.88 min Scan# 917

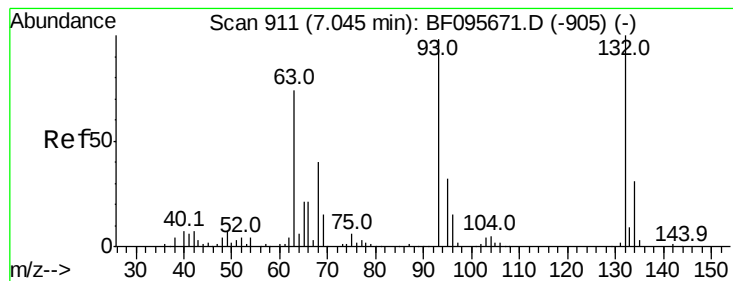
Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	94	Resp:	240075
Ion	Ratio	Lower	Upper
94	100		
65	24.9	9.9	49.9
66	39.8	23.1	63.1





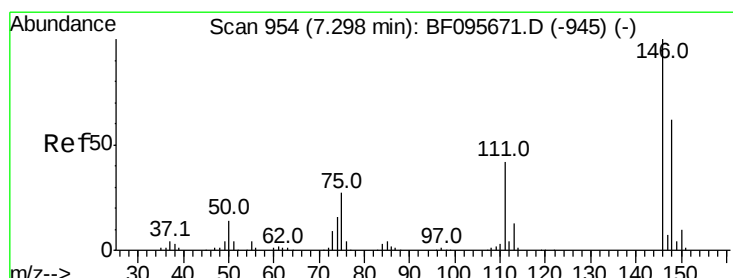
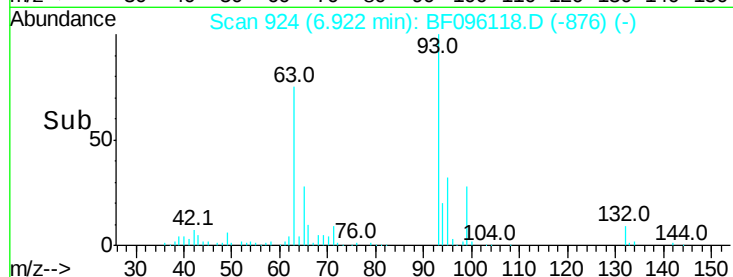
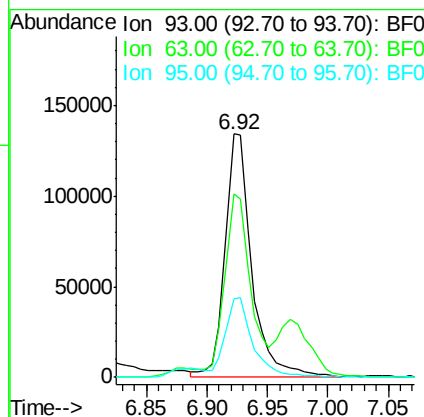
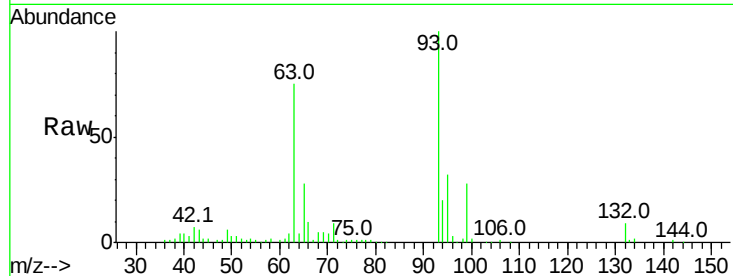
#11
bis(2-Chloroethyl)ether
Concen: 47.02 ng
RT: 6.92 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	204163		
63	75.2	59.2	99.2	
95	32.3	12.8	52.8	

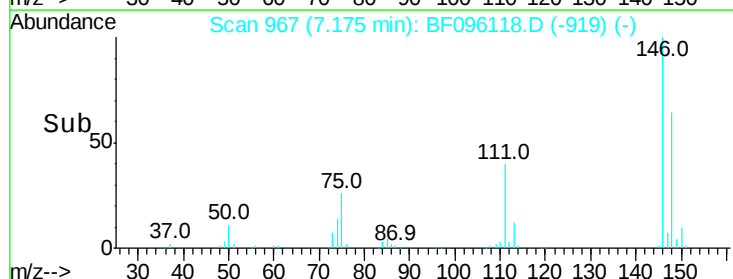
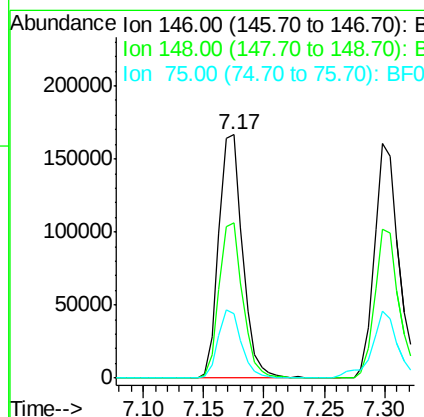
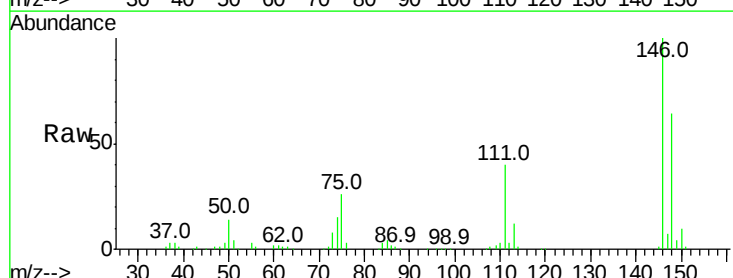
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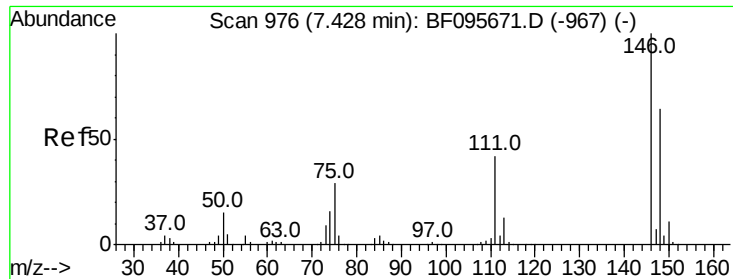
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.77 ng
RT: 7.17 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	227205		
148	63.7	51.8	77.6	
75	26.4	23.1	34.7	





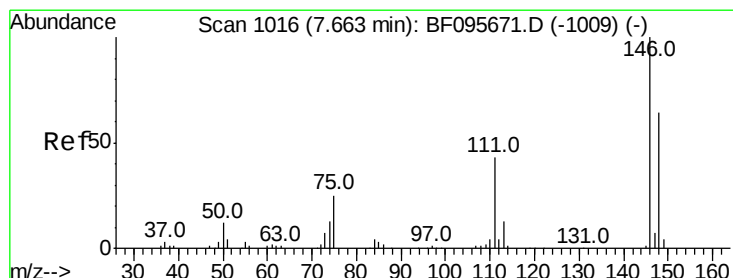
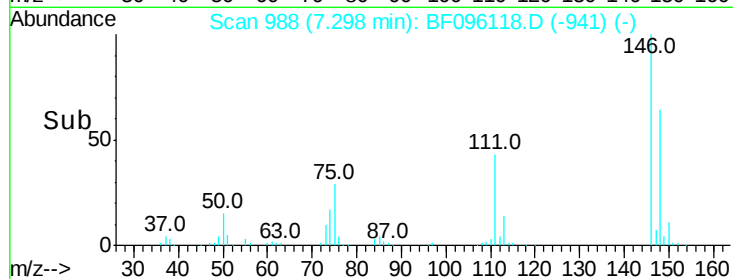
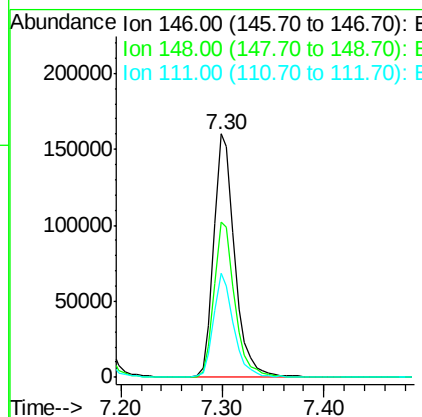
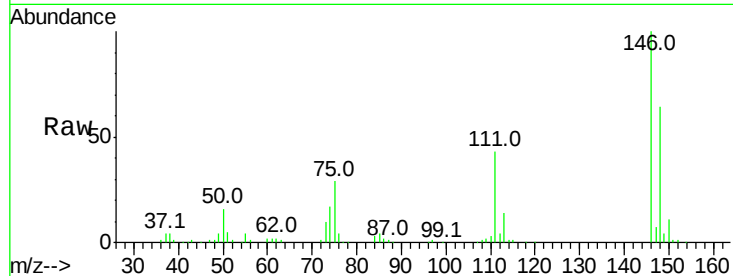
#13
 1,4-Dichlorobenzene
 Concen: 42.77 ng
 RT: 7.30 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	42.6	30.3	45.5

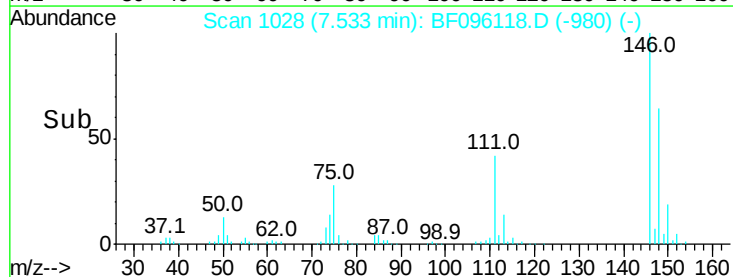
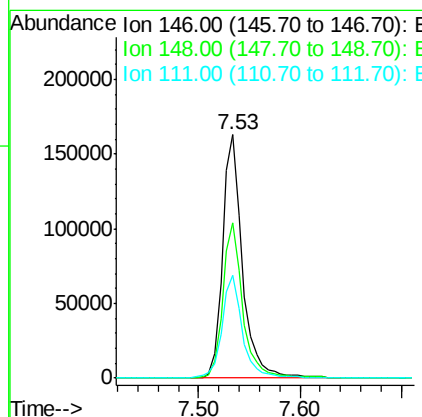
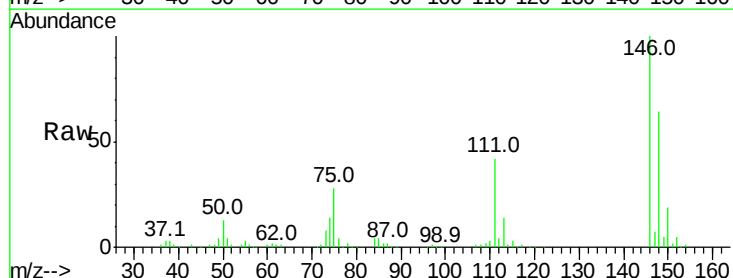
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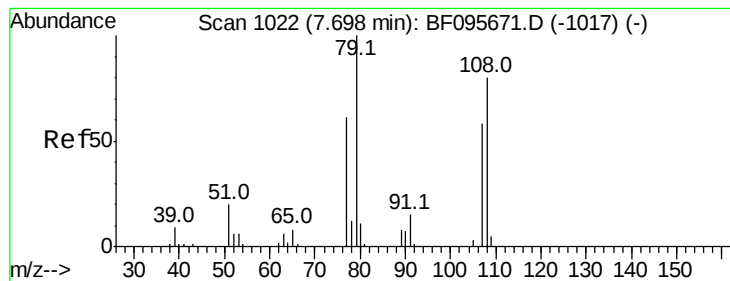
mohammad
 6/26/2017 8:27:17 AM



#14
 1,2-Dichlorobenzene
 Concen: 44.51 ng
 RT: 7.53 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	42.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 39.66 ng

RT: 7.60 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion: 79 Resp: 143863

Ion Ratio Lower Upper

79 100

108 87.1 63.4 95.0

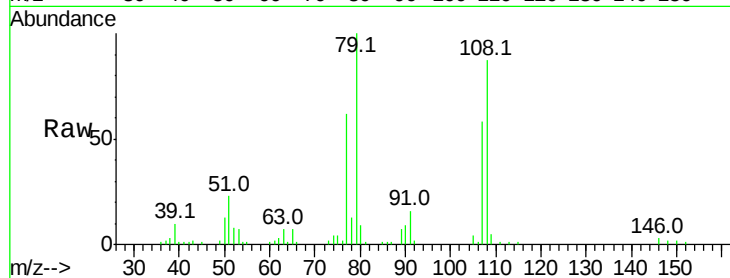
77 61.9 49.2 73.8

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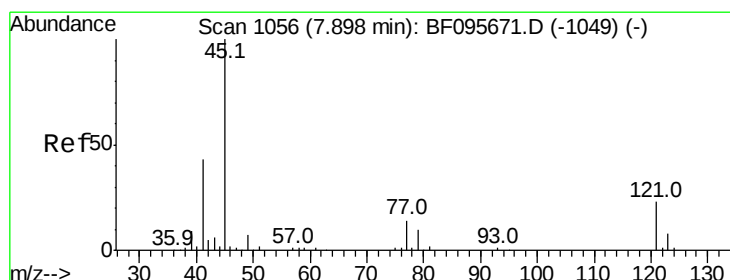
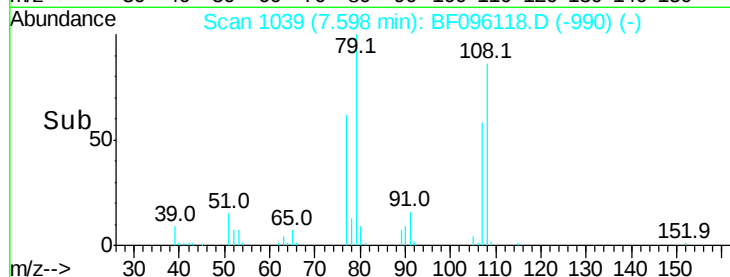
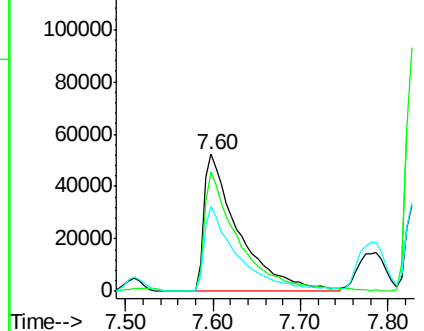
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.17 ng

RT: 7.78 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

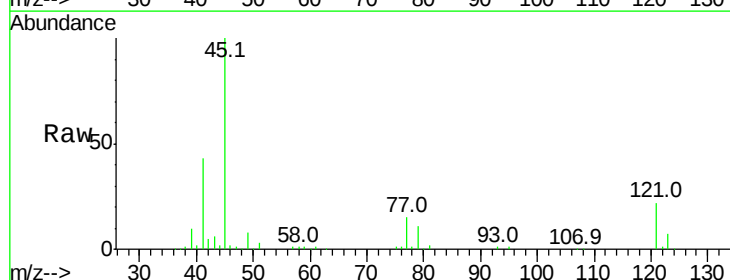
Tgt Ion: 45 Resp: 281690

Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.2

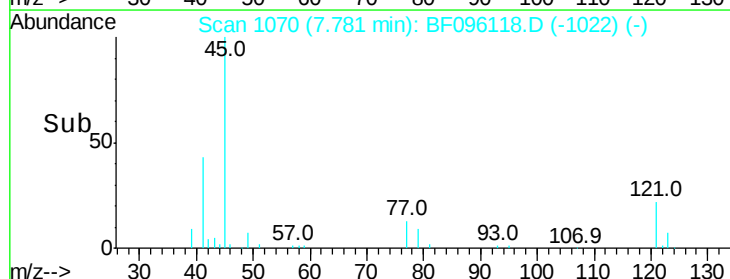
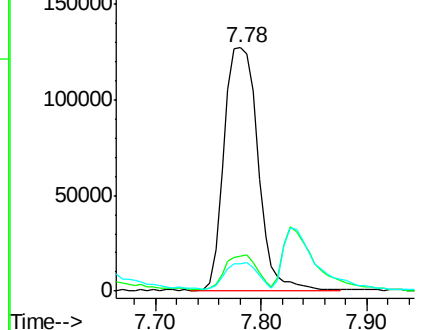
79 11.1 0.0 30.0

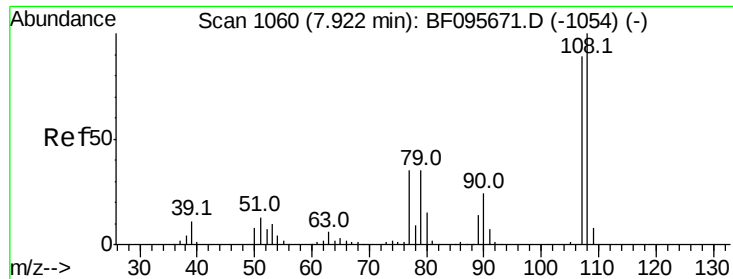


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





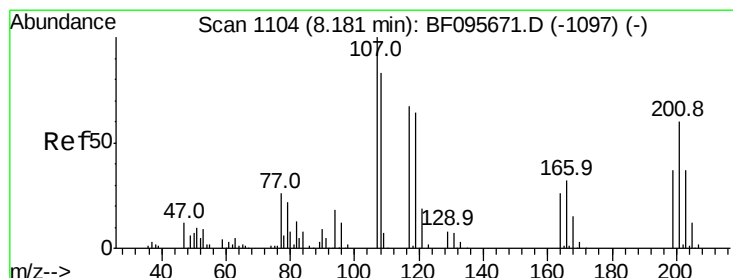
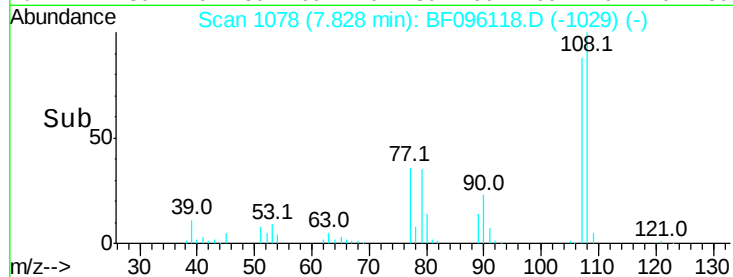
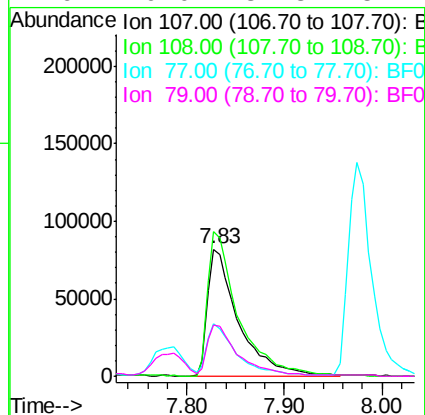
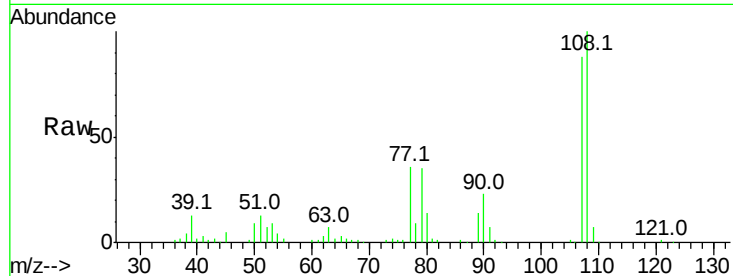
#17
2-Methylphenol
Concen: 46.09 ng
RT: 7.83 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	93.4	140.0	
77	41.3	35.8	53.6	
79	40.0	34.8	52.2	

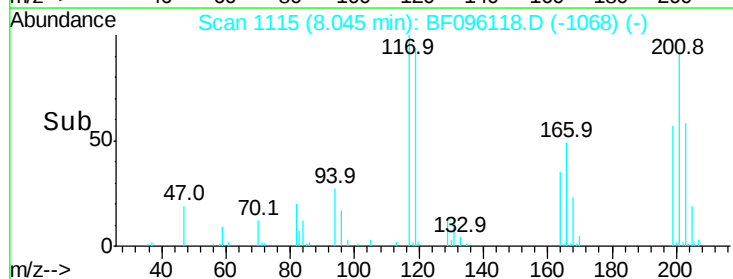
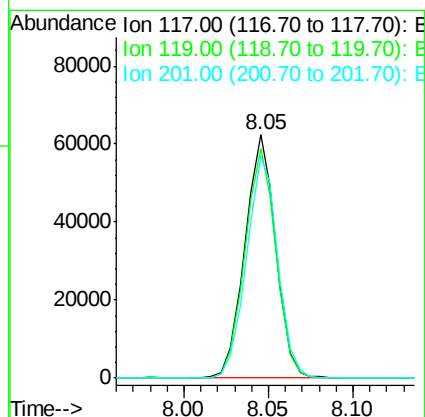
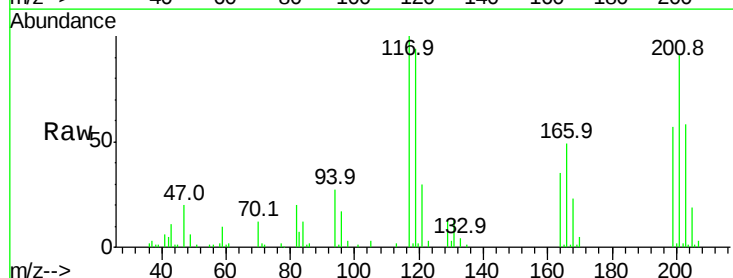
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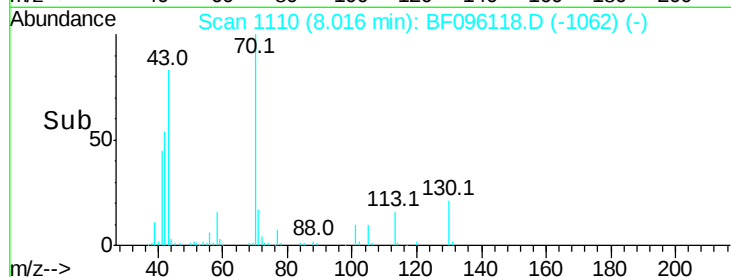
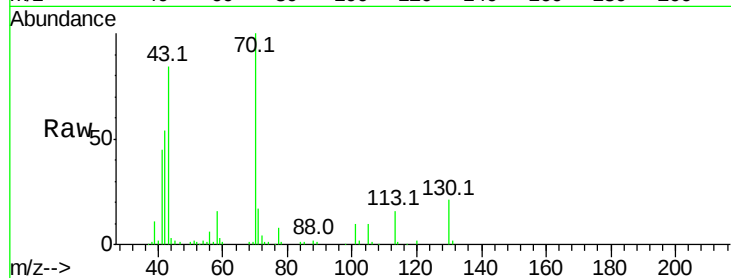
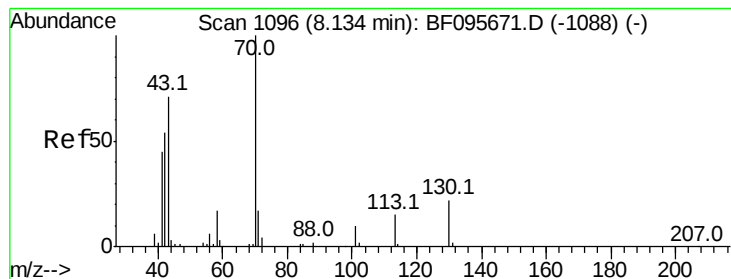
mohammad
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#18
Hexachloroethane
Concen: 44.45 ng
RT: 8.05 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	77.4	116.0	
201	91.3	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 46.63 ng

RT: 8.02 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion: 70 Resp: 156163

Ion Ratio Lower Upper

70 100

42 53.9 47.2 70.8

101 9.9 7.2 10.8

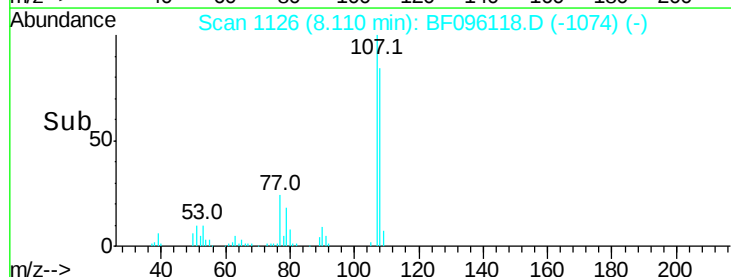
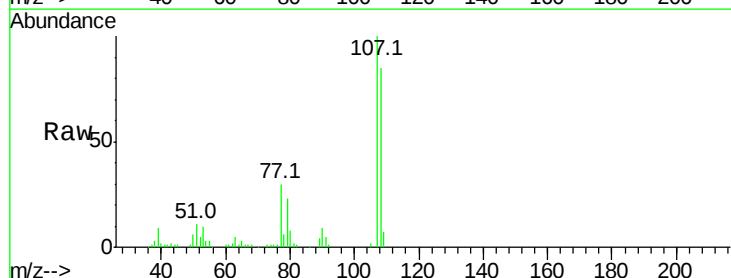
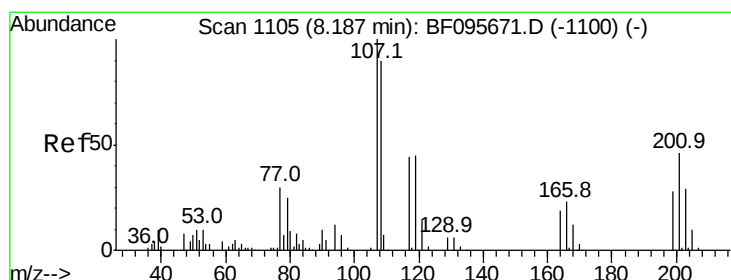
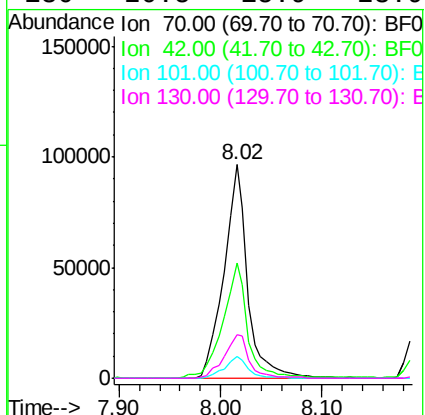
130 20.5 15.9 23.9

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#20

3+4-Methylphenols

Concen: 48.46 ng

RT: 8.11 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion: 107 Resp: 242298

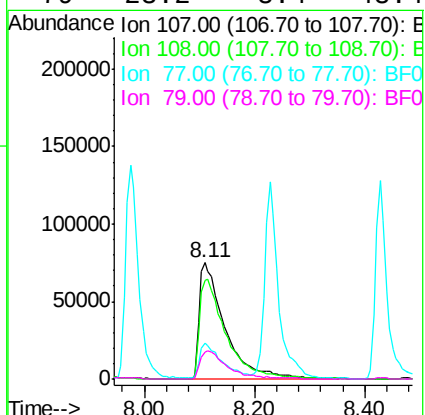
Ion Ratio Lower Upper

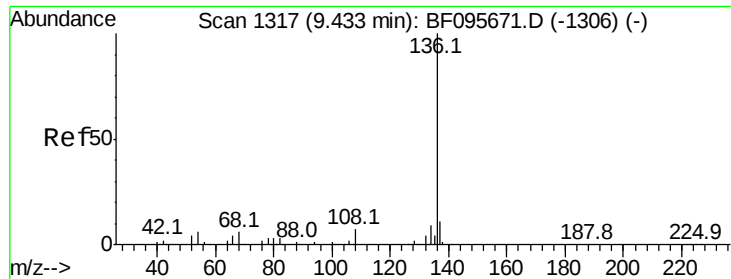
107 100

108 84.5 71.0 111.0

77 30.4 90.5 130.5#

79 23.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

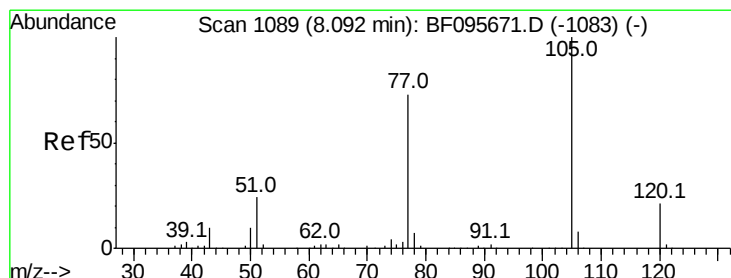
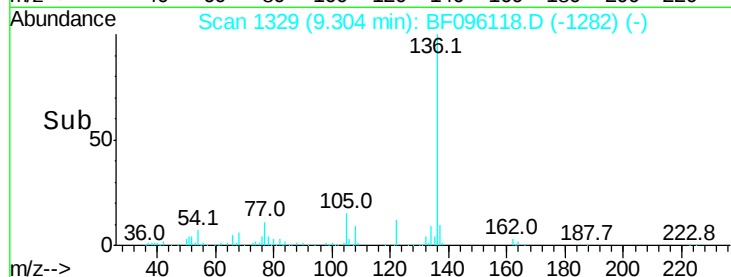
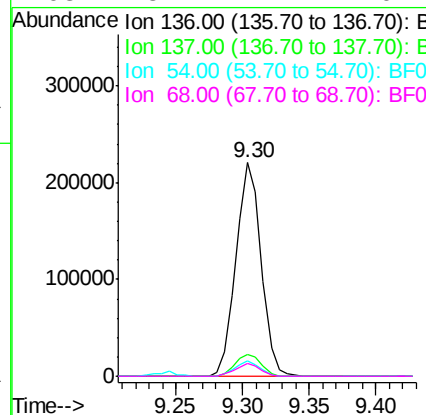
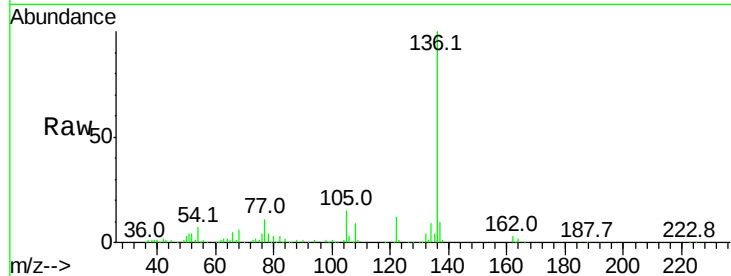
ClientSampleId :

SU-02-061617MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		291302		
137	10.4	8.5	12.7		
54	7.1	4.9	7.3		
68	5.7	4.1	6.1		

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#22

Acetophenone

Concen: 46.93 ng

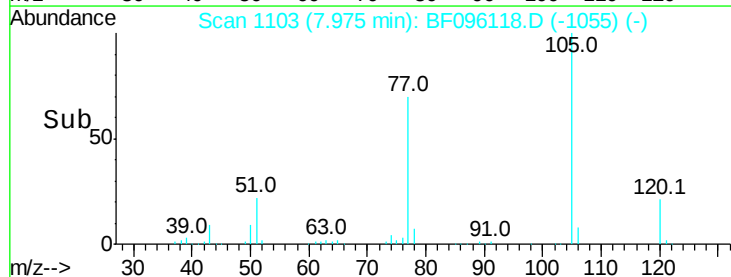
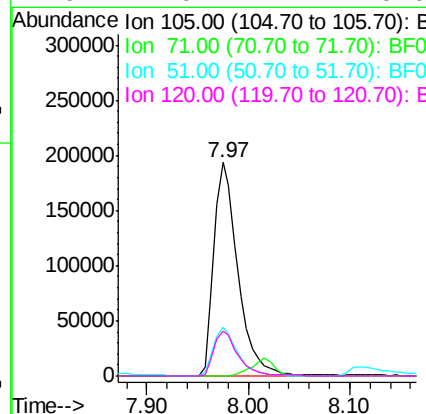
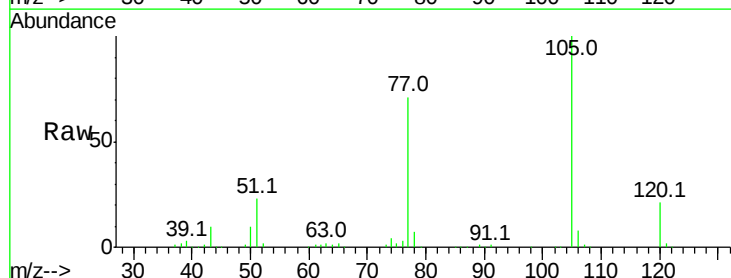
RT: 7.97 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		319993		
71	0.0	2.8	4.2#		
51	23.0	30.7	46.1#		
120	21.0	17.4	26.0		





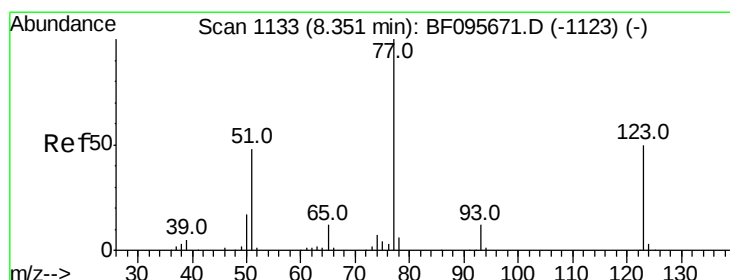
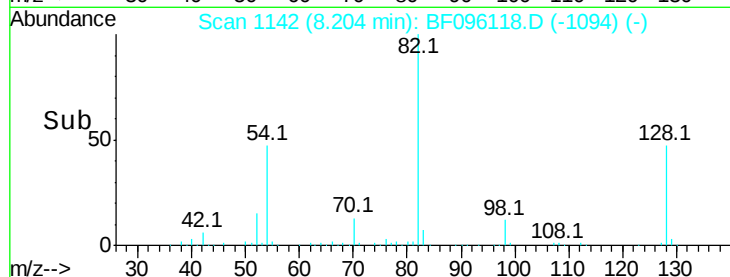
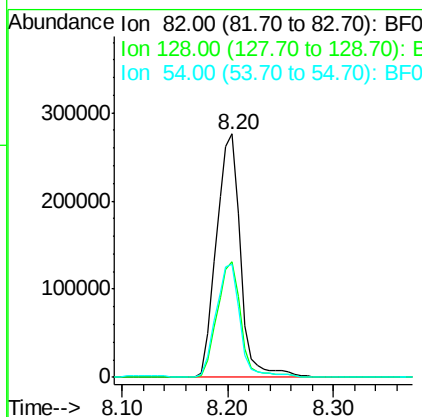
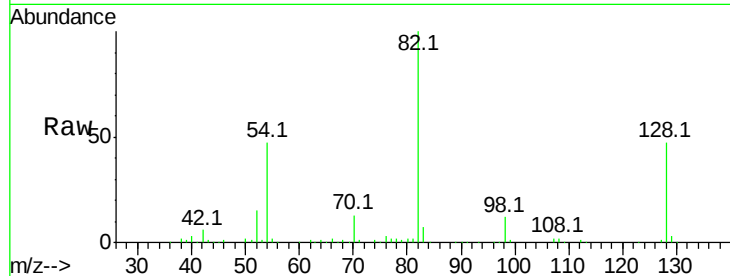
#23
 Nitrobenzene-d5
 Concen: 94.62 ng
 RT: 8.20 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	34.0	51.0	
54	46.7	42.2	63.2	

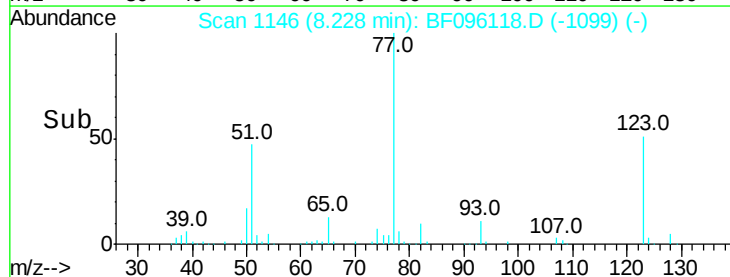
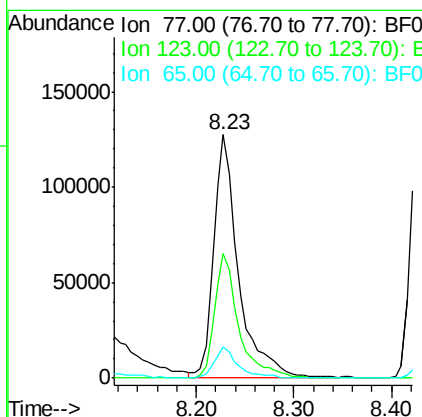
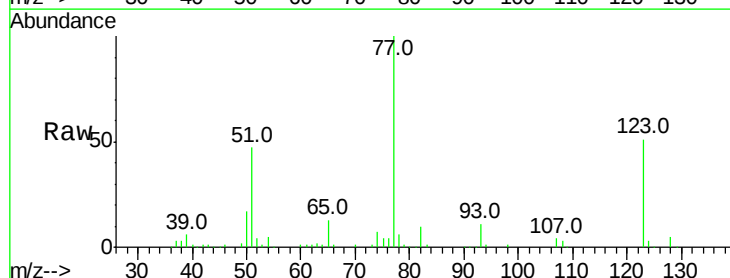
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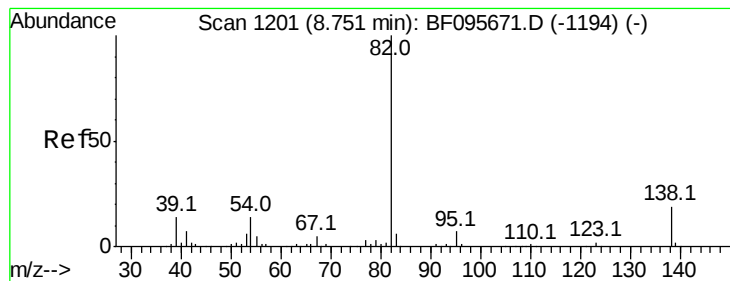
mohammad
 6/26/2017 8:27:17 AM



#24
 Nitrobenzene
 Concen: 44.29 ng
 RT: 8.23 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.0	35.8	53.8	
65	12.8	10.6	15.8	





#25

Isophorone

Concen: 45.82 ng

RT: 8.63 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

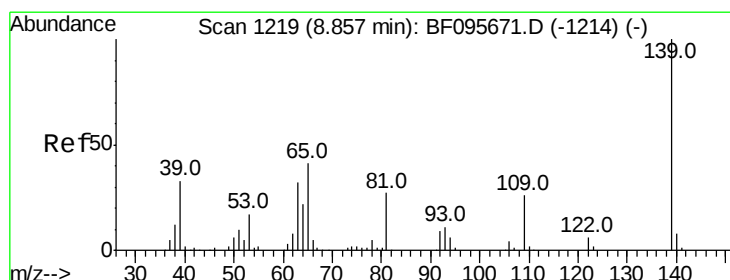
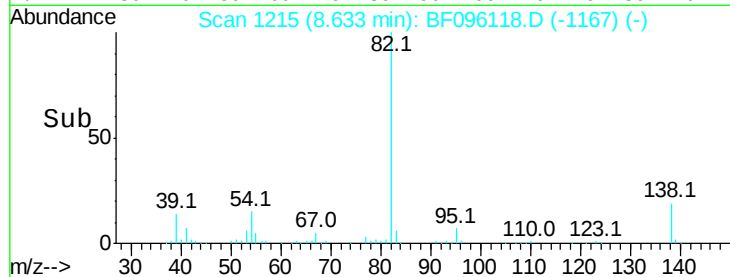
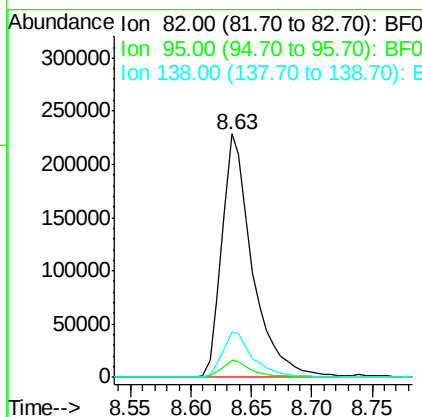
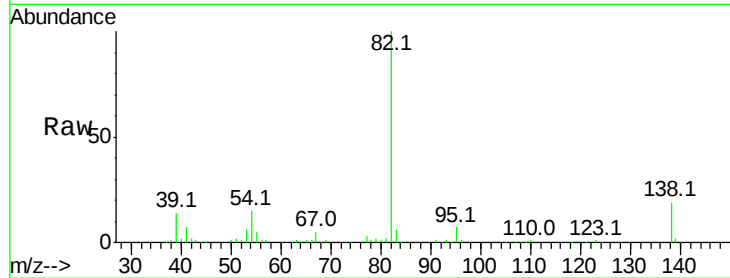
ClientSampleId :

SU-02-061617MS

Tot Ion:	82	Resp:	401292
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 46.67 ng

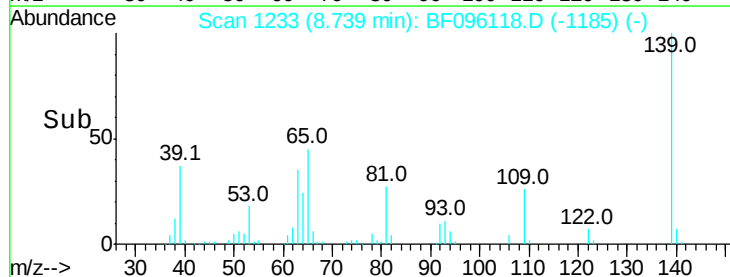
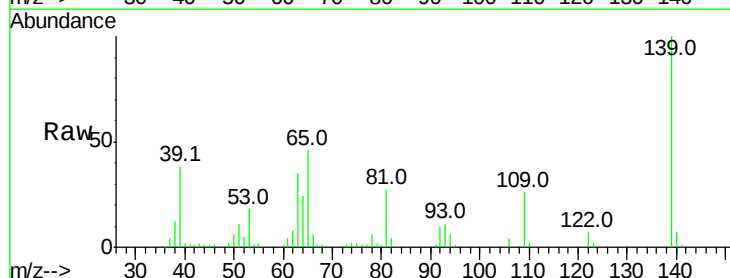
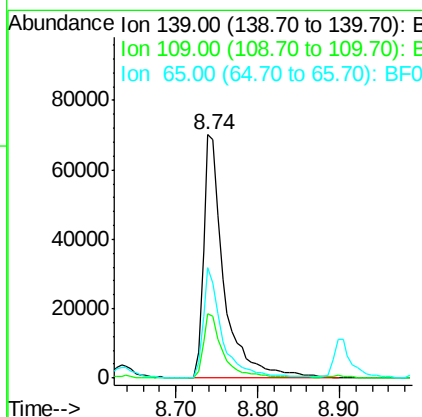
RT: 8.74 min Scan# 1233

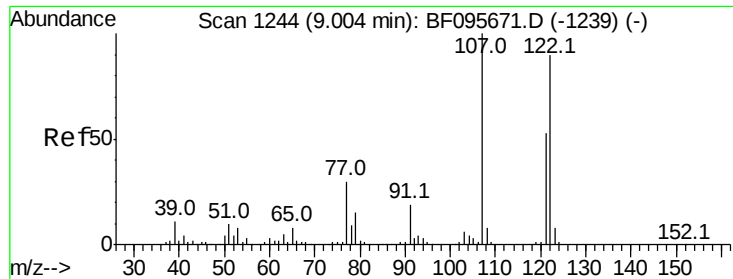
Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	139	Resp:	122445
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.0	31.6
65	45.6	33.0	49.6





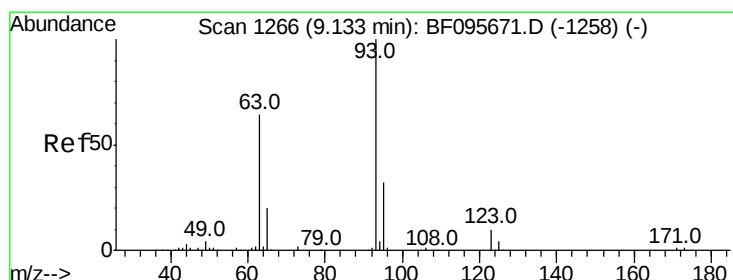
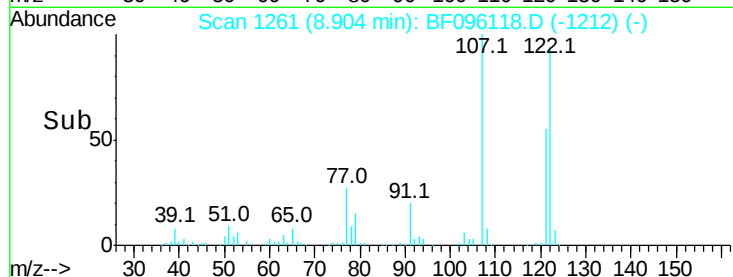
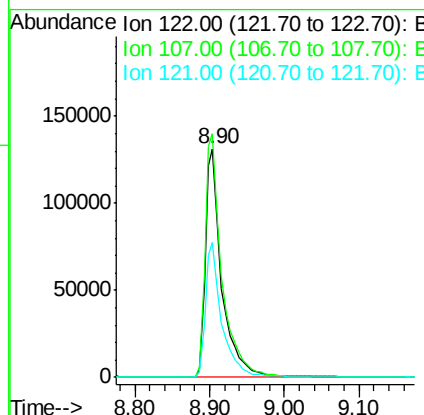
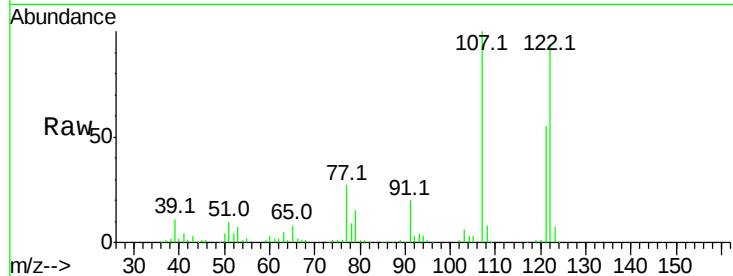
#27
2,4-Dimethylphenol
Concen: 49.67 ng
RT: 8.90 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	202255		
107	106.4	89.2	133.8	
121	58.9	45.2	67.8	

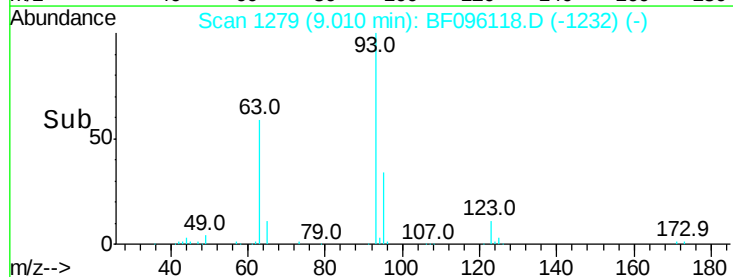
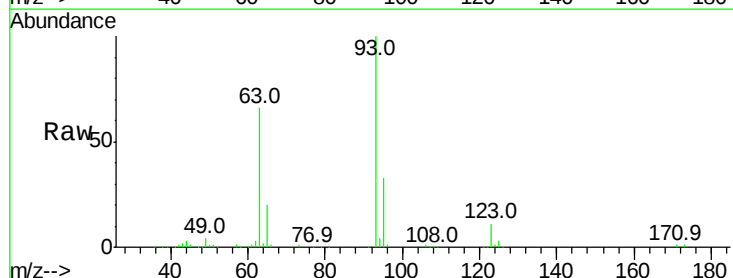
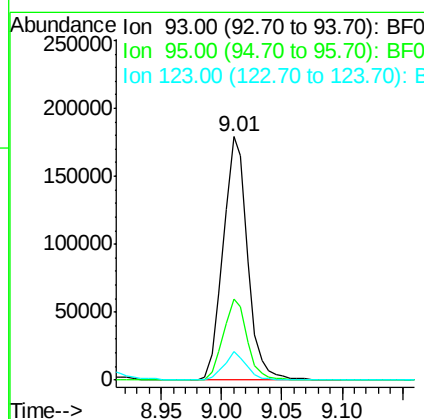
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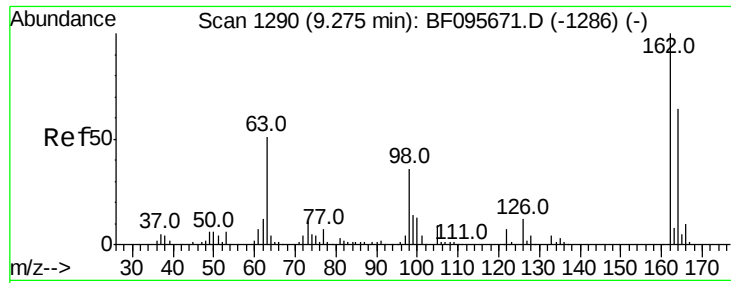
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#28
bis(2-Chloroethoxy)methane
Concen: 43.30 ng
RT: 9.01 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249986		
95	33.5	26.5	39.7	
123	11.5	9.0	13.4	





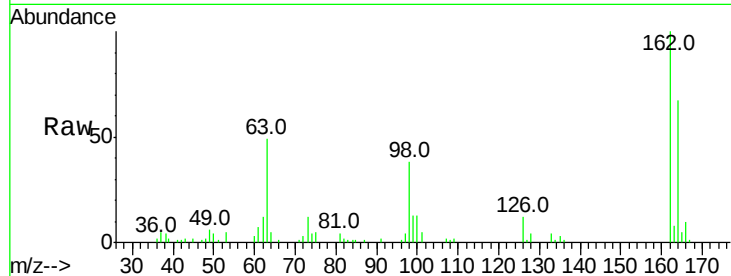
#29
 2,4-Dichlorophenol
 Concen: 44.66 ng
 RT: 9.19 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

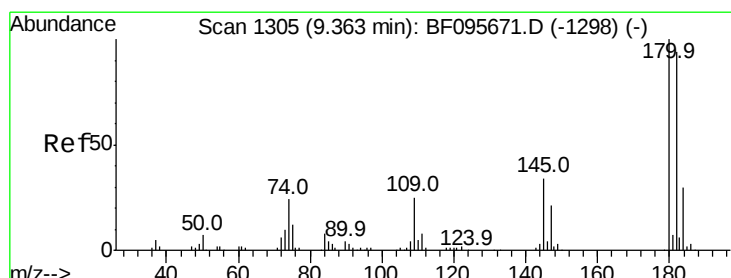
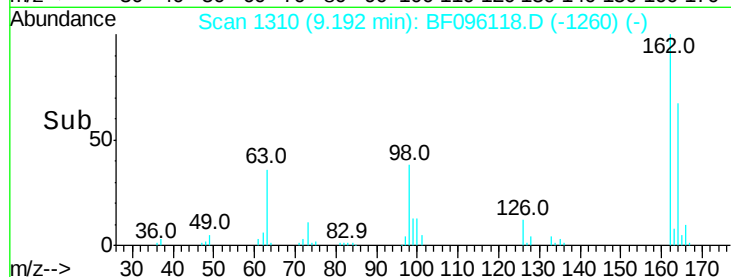
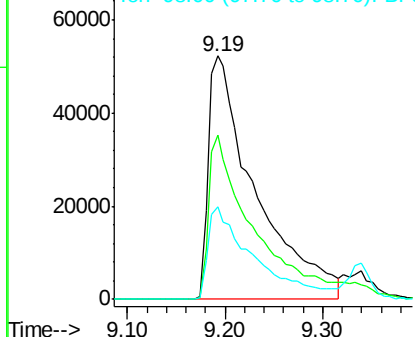
Tot Ion	Ratio	Resp	Lower	Upper
162	100	175133		
164	67.5	44.6	84.6	
98	38.0	14.8	54.8	

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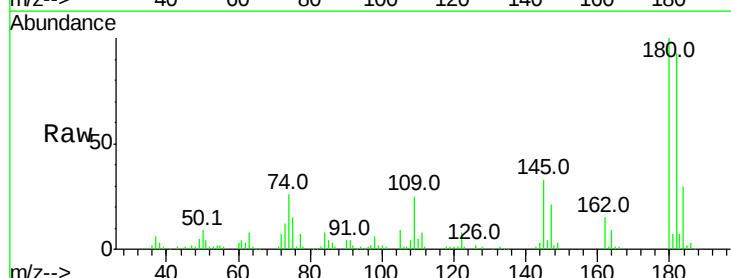


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

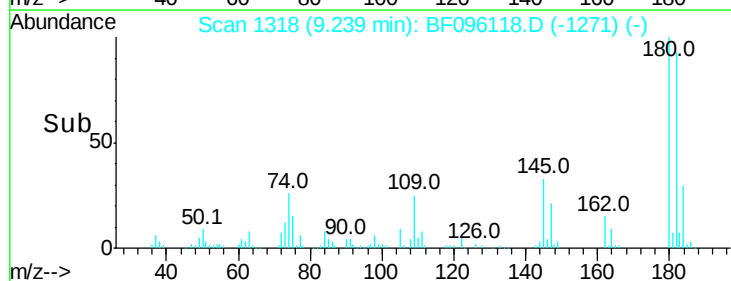
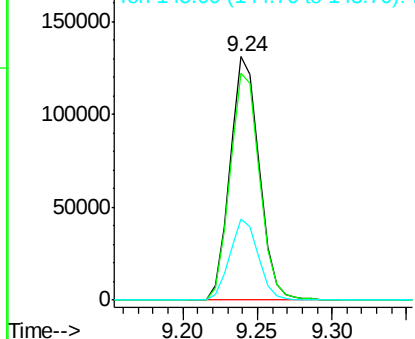


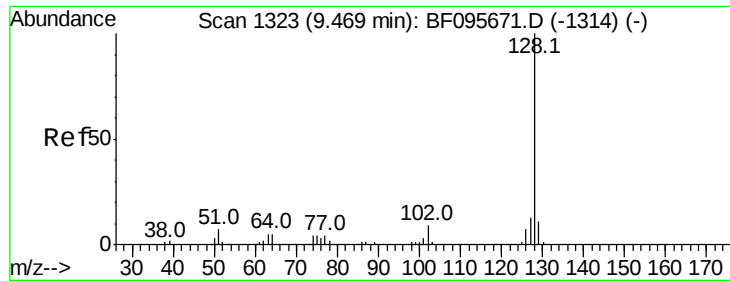
#30
 1,2,4-Trichlorobenzene
 Concen: 44.11 ng
 RT: 9.24 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	179983		
182	93.2	75.8	113.6	
145	33.1	25.3	37.9	



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





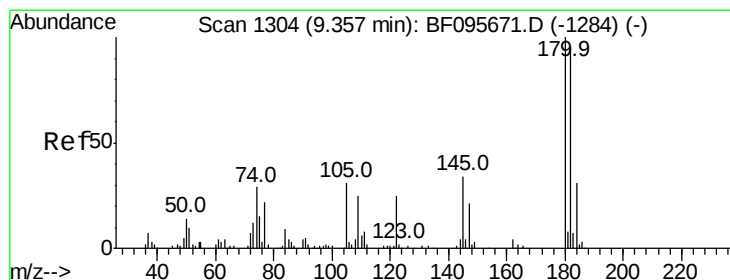
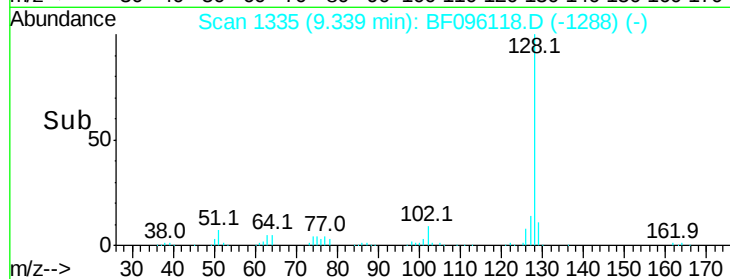
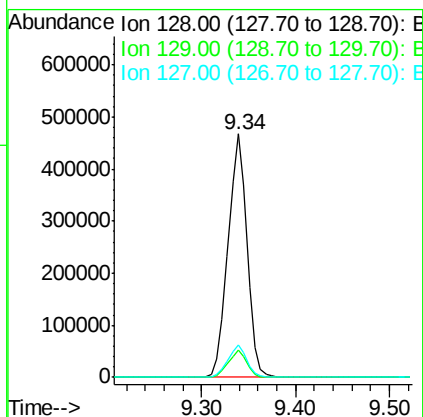
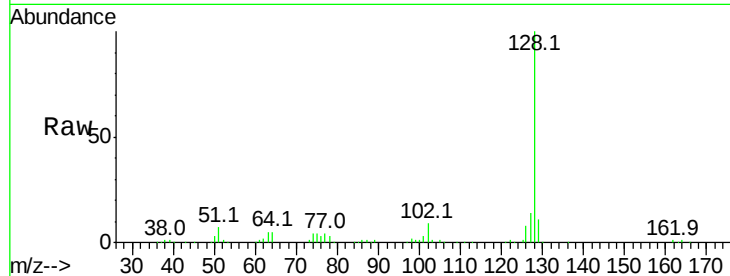
#31
Naphthalene
Concen: 44.89 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	10.8	16.2

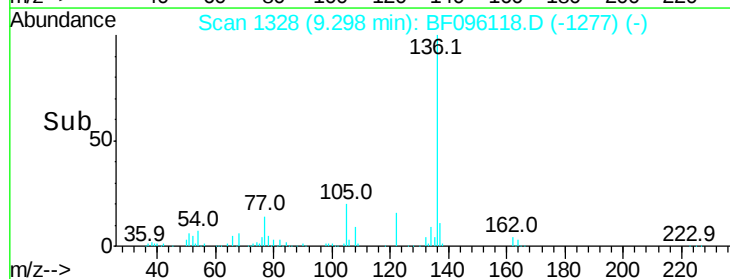
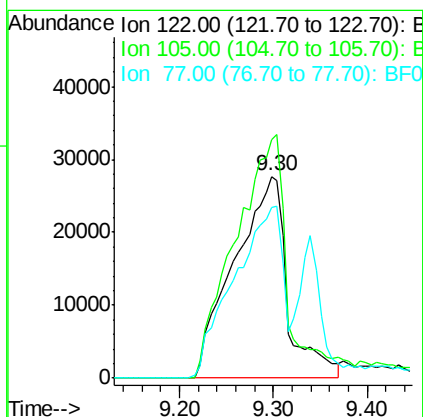
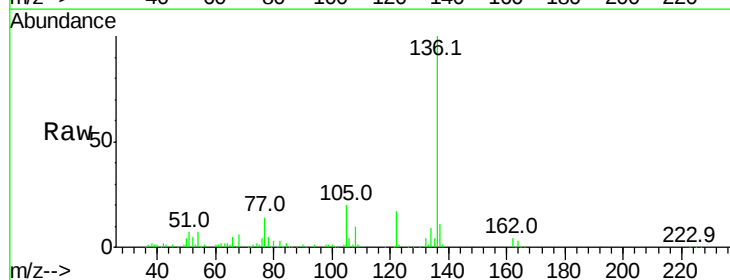
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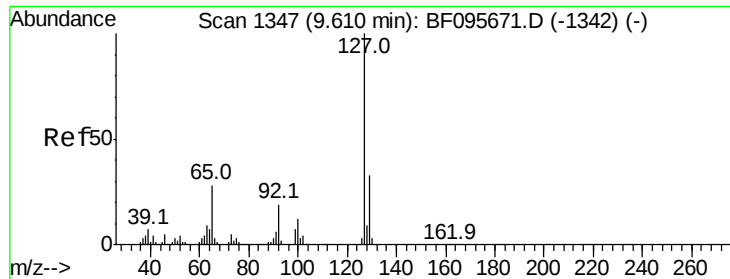
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#32
Benzoic acid
Concen: 43.18 ng
RT: 9.30 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	103.3	143.3
77	84.7	73.7	113.7





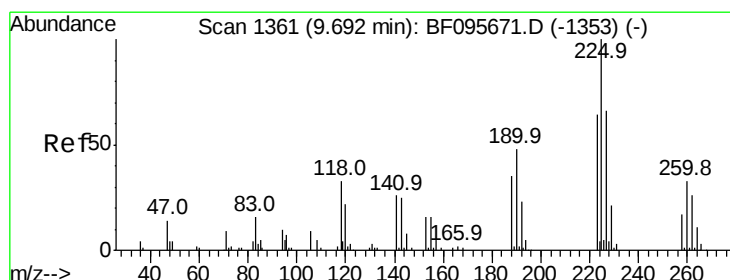
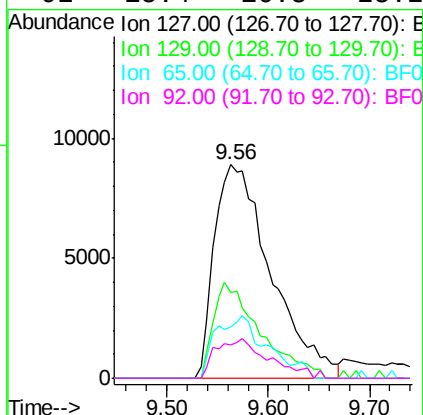
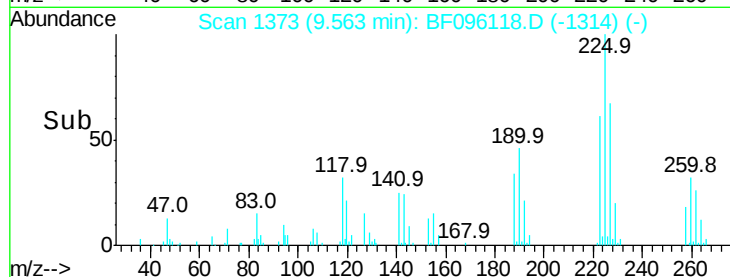
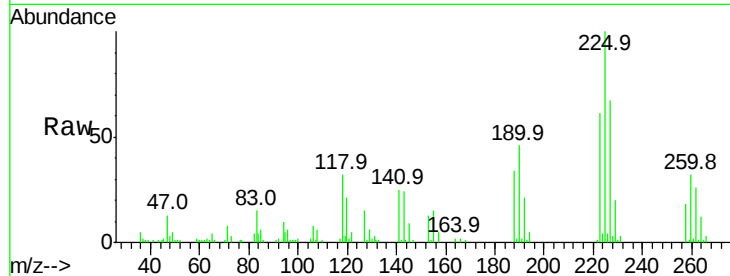
#33
4-Chloroaniline
Concen: 6.04 ng
RT: 9.56 min Scan# 1373
Delta R.T. 0.05 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	40.2	26.2	39.2#
65	23.7	27.8	41.8#
92	15.4	16.8	25.2#

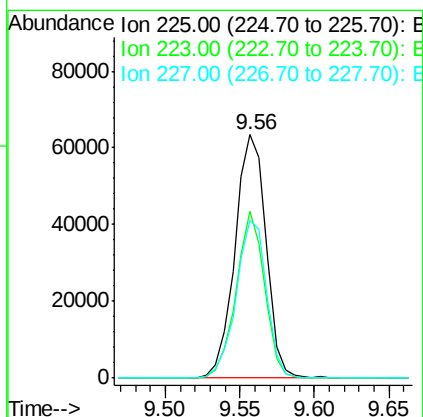
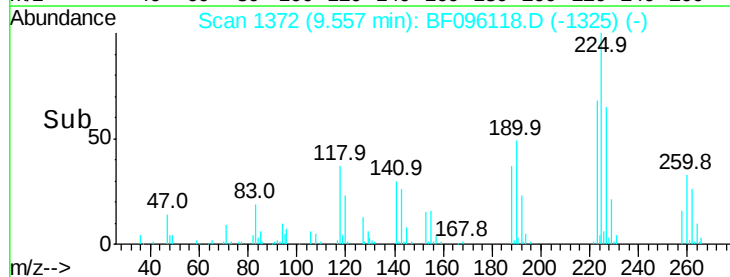
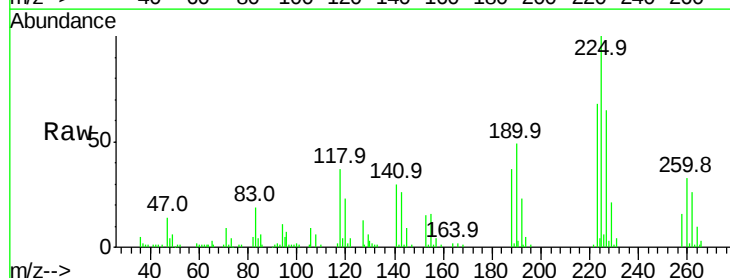
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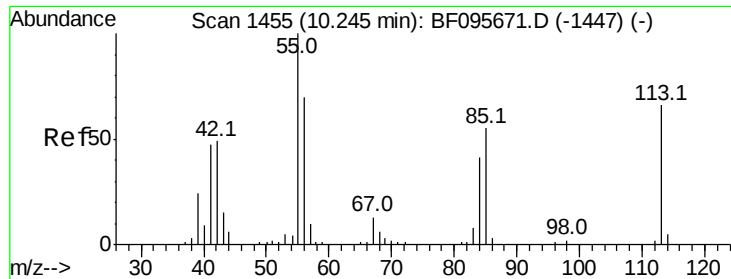
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#34
Hexachlorobutadiene
Concen: 43.51 ng
RT: 9.56 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.3	48.8	73.2
227	64.7	51.1	76.7





#35

Caprolactam

Concen: 45.50 ng/mL

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

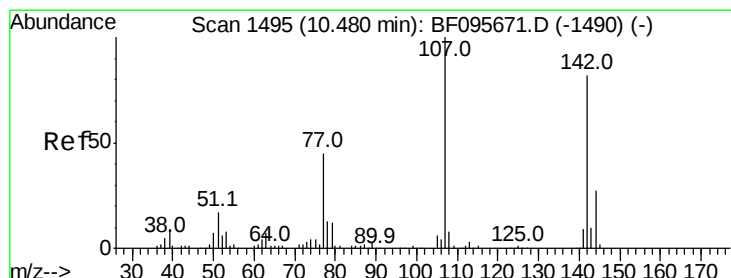
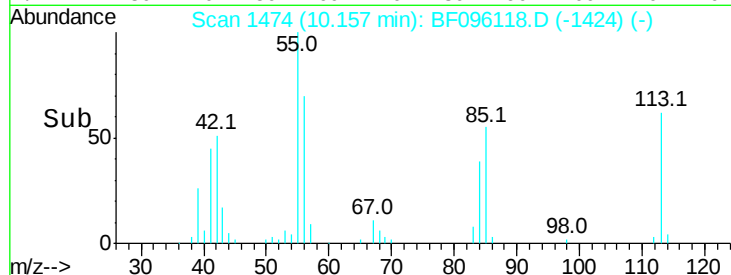
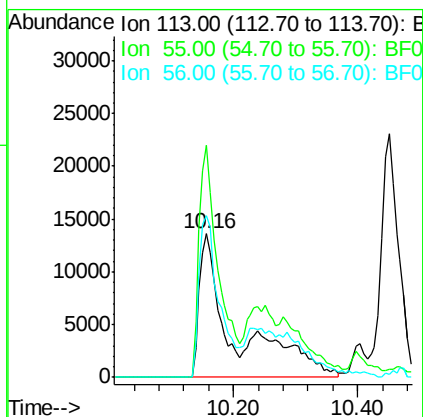
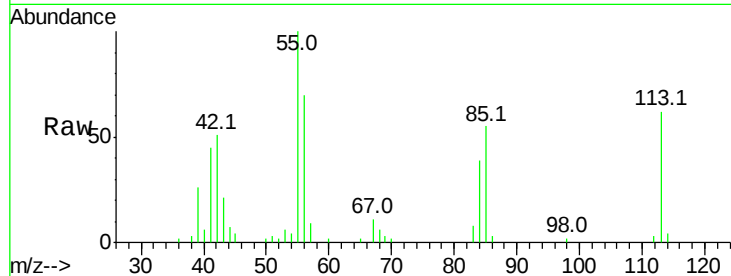
ClientSampleId :

SU-02-061617MS

Tot Ion:	113	Resp:	53093
Ion Ratio	Lower	Upper	
113	100		
55	161.4	150.2	190.2
56	112.4	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 48.59 ng/mL

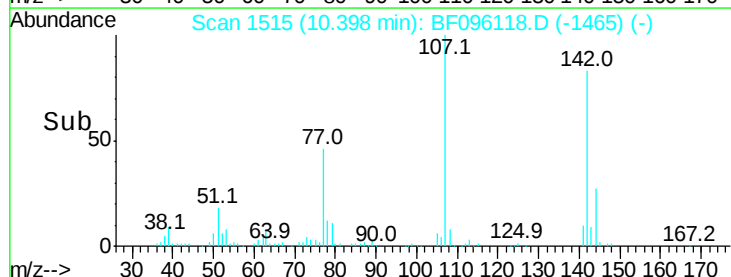
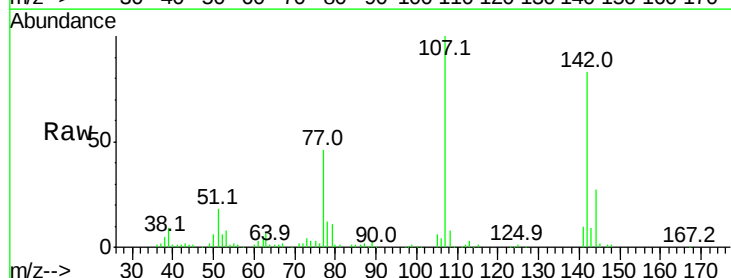
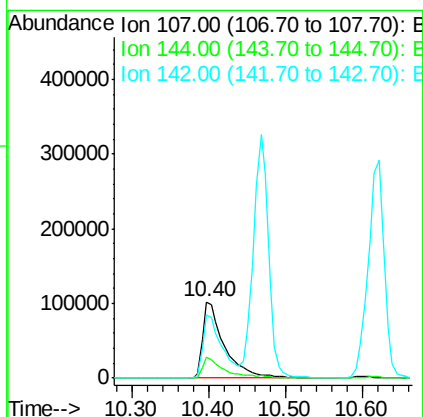
RT: 10.40 min Scan# 1515

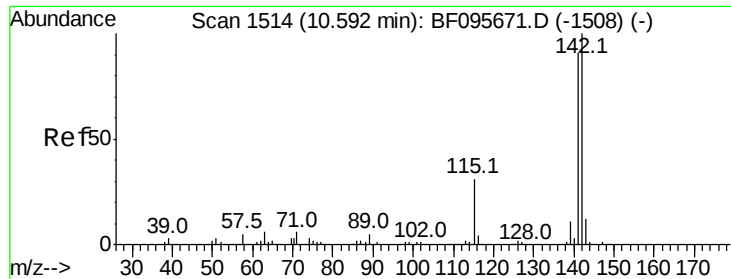
Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	107	Resp:	199481
Ion Ratio	Lower	Upper	
107	100		
144	27.1	24.2	36.4
142	82.7	73.4	110.0





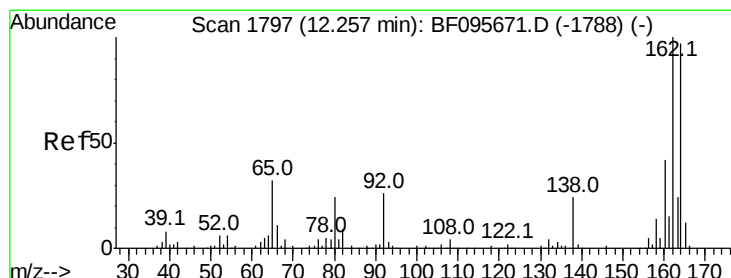
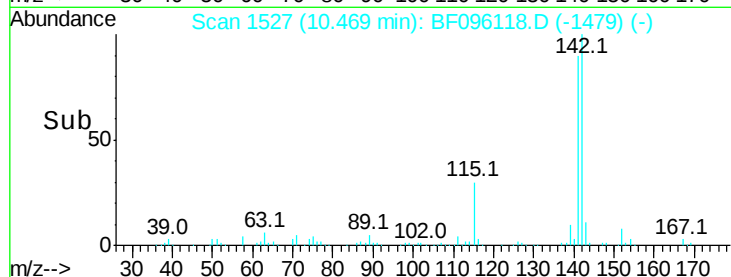
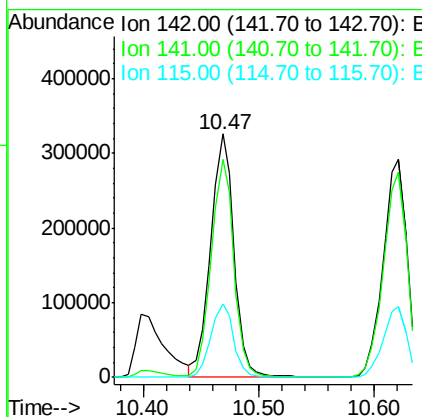
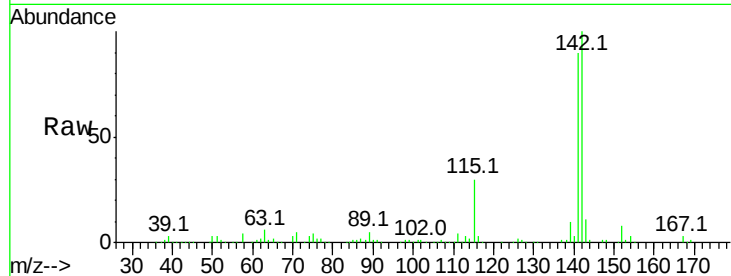
#37
2-Methylnaphthalene
Concen: 46.47 ng
RT: 10.47 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	459018		
141	89.8	71.3	106.9	
115	30.0	27.1	40.7	

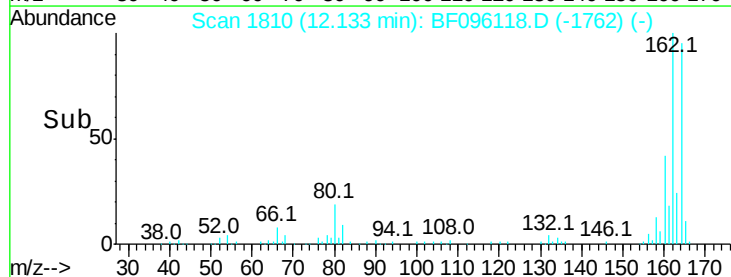
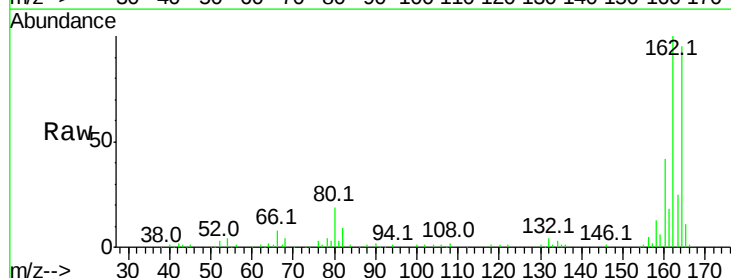
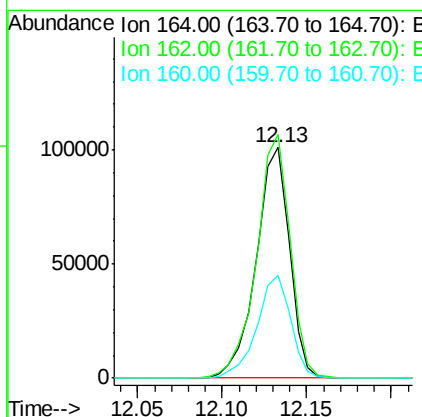
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	138960		
162	105.7	82.6	123.8	
160	44.4	36.2	54.2	





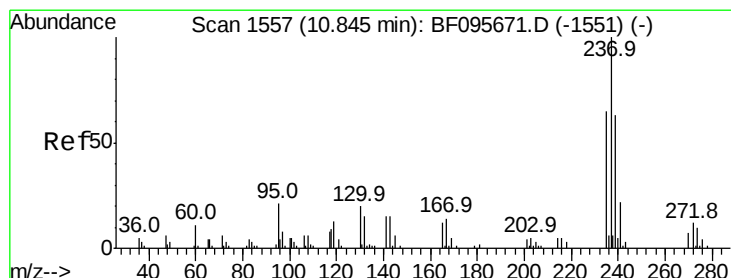
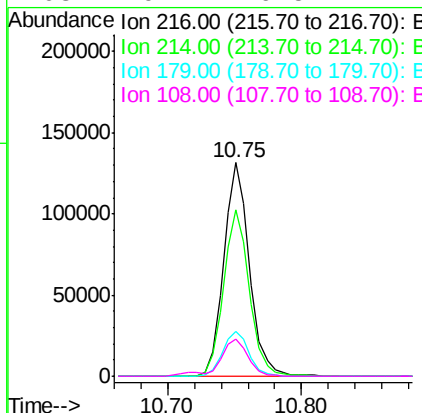
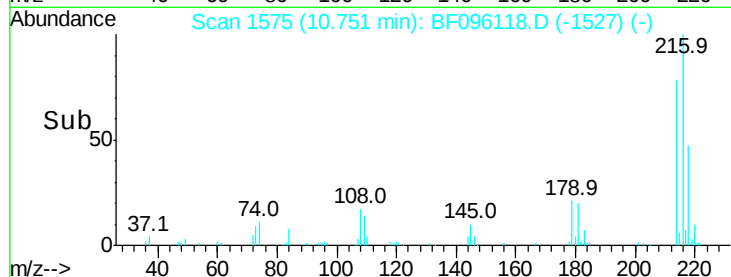
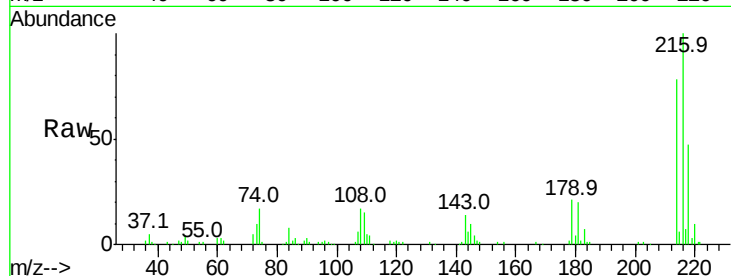
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.68 ng
 RT: 10.75 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	177499		
214	78.4		63.4	95.2
179	21.3		17.9	26.9
108	19.1		16.5	24.7

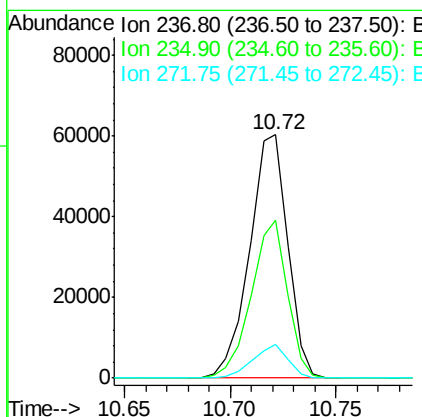
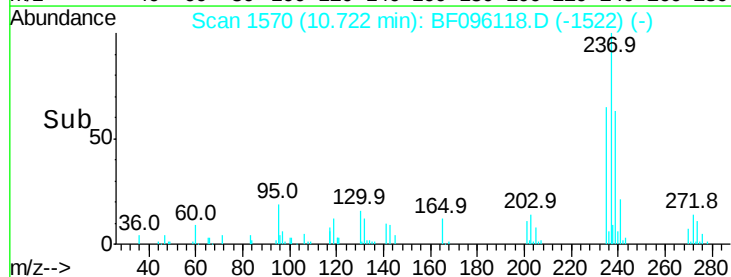
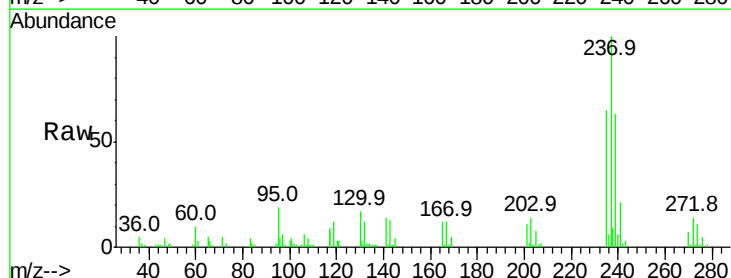
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#40
 Hexachlorocyclopentadiene
 Concen: 61.13 ng
 RT: 10.72 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	75667		
235	64.7		42.6	82.6
272	14.0		0.0	31.9





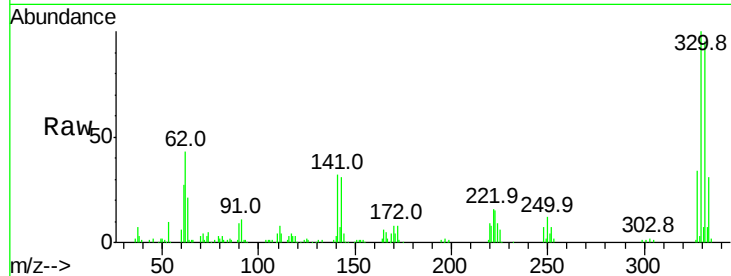
#41
 2,4,6-Tribromophenol
 Concen: 136.16 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

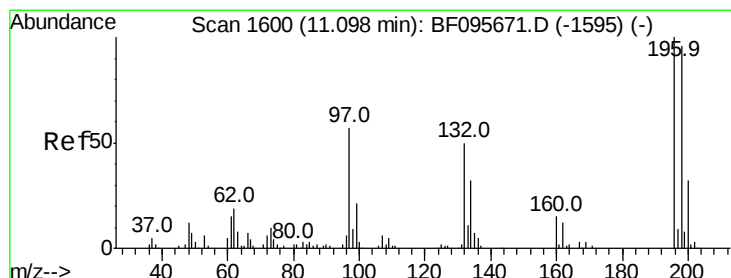
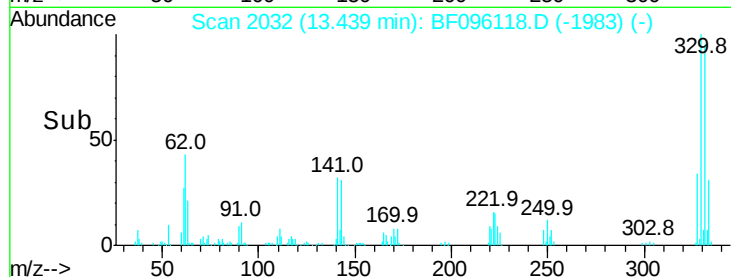
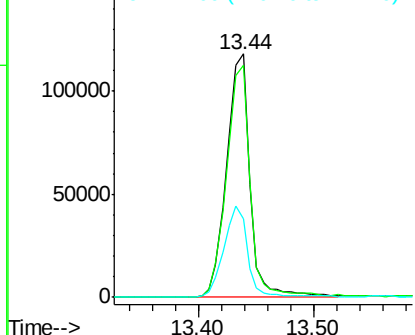
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	38.2	31.4	47.2

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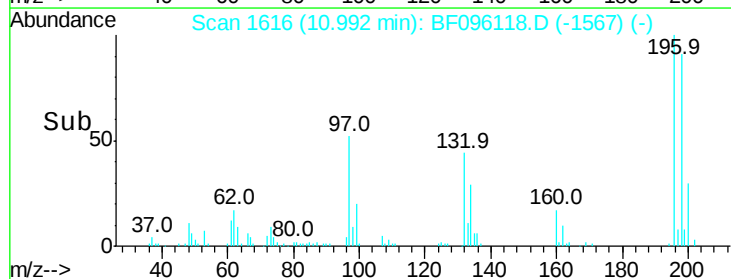
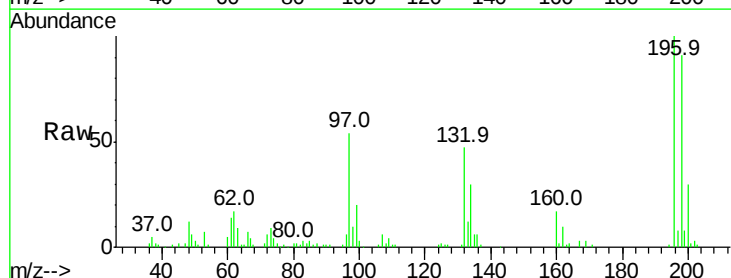
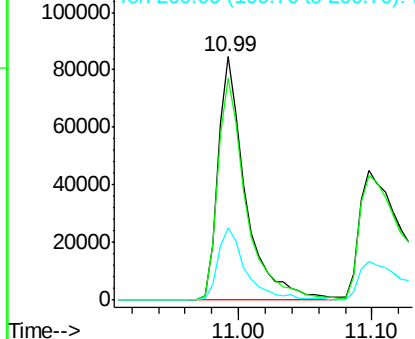
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.87 ng
 RT: 10.99 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.0	74.2	111.4
200	29.5	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





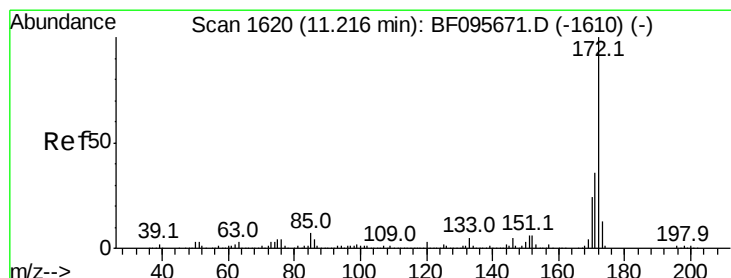
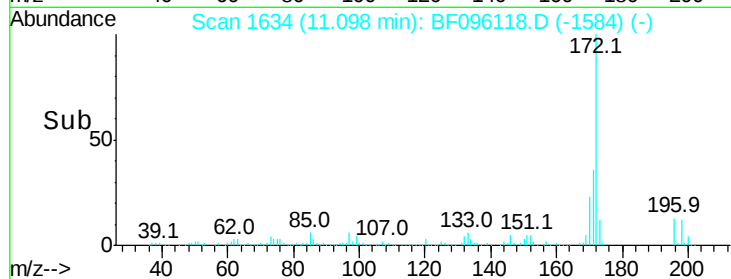
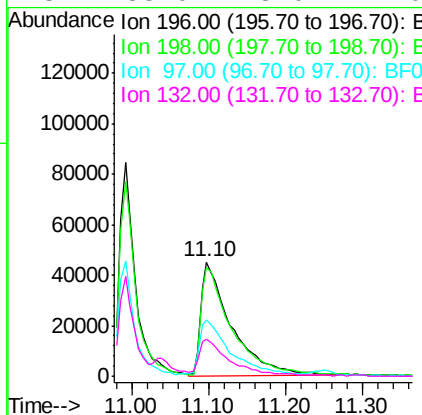
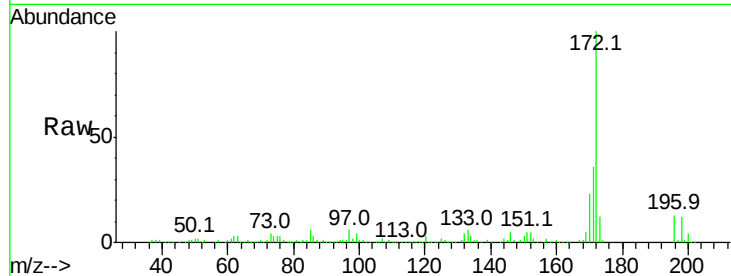
#43
 2,4,5-Trichlorophenol
 Concen: 42.89 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	121973		
198	95.6	75.7	113.5	
97	49.3	47.7	71.5	
132	33.0	28.0	42.0	

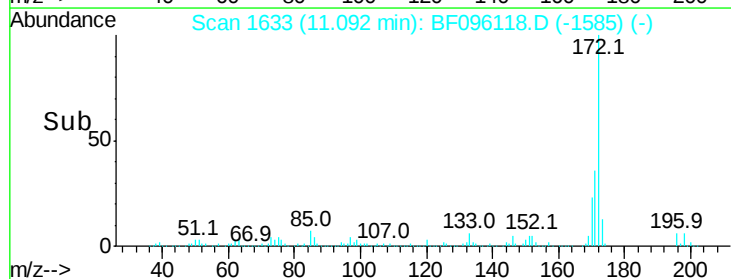
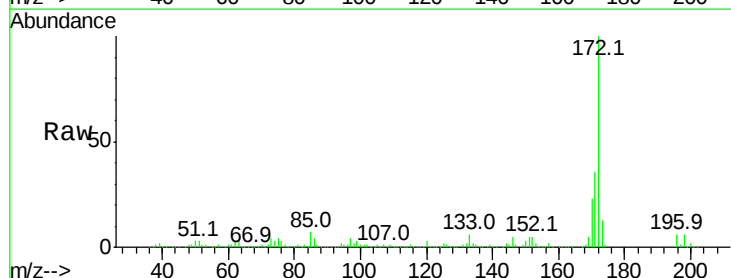
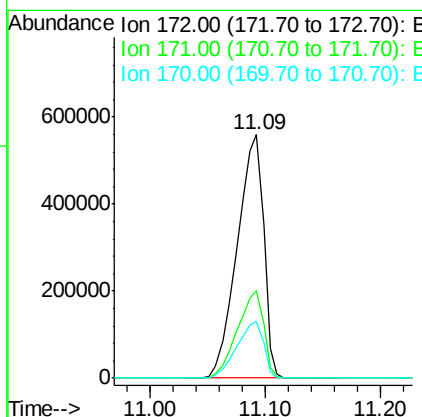
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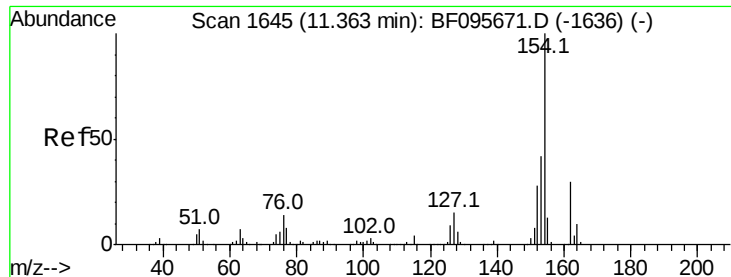
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 88.68 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	885511		
171	35.9	29.6	44.4	
170	23.4	19.8	29.8	





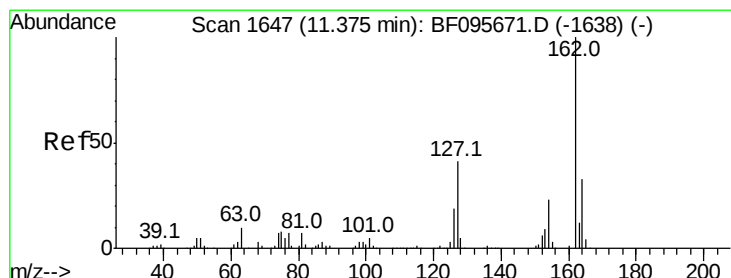
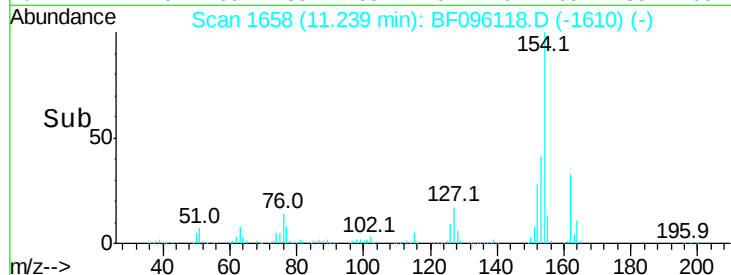
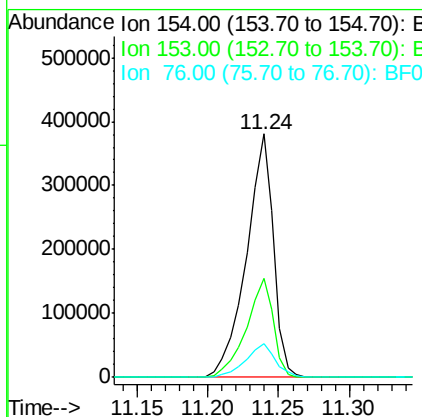
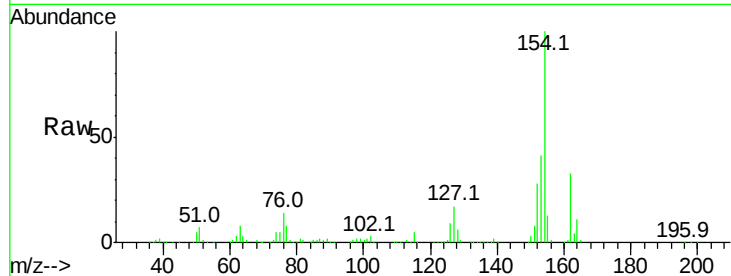
#45
1,1'-Biphenyl
Concen: 44.64 ng
RT: 11.24 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.2	61.2	
76	13.7	0.0	29.9	

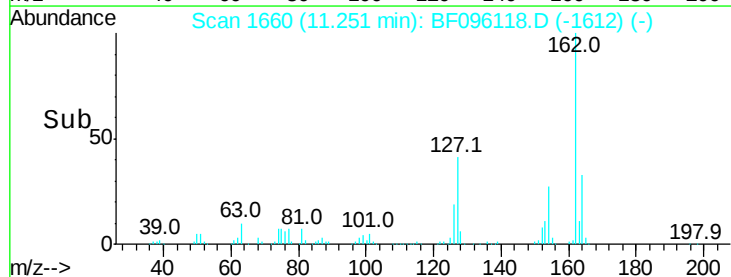
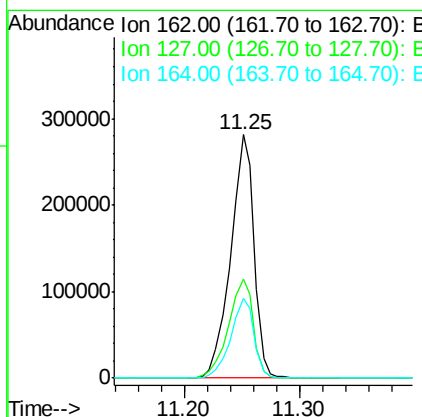
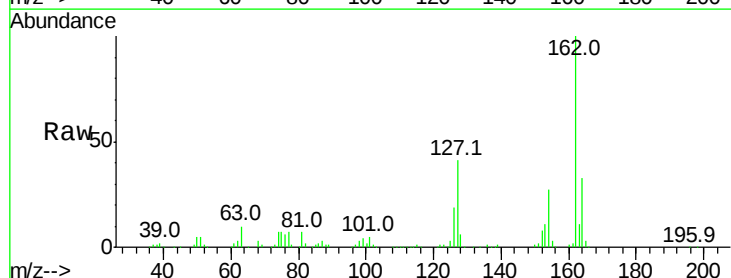
Manual Integrations
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#46
2-Chloronaphthalene
Concen: 43.85 ng
RT: 11.25 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.8	28.3	42.5	
164	32.7	27.0	40.4	





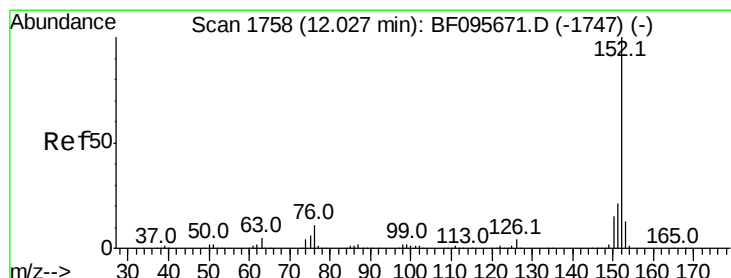
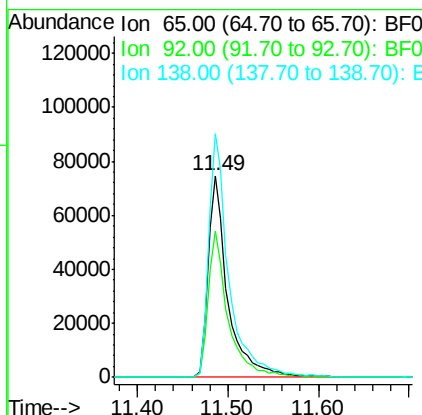
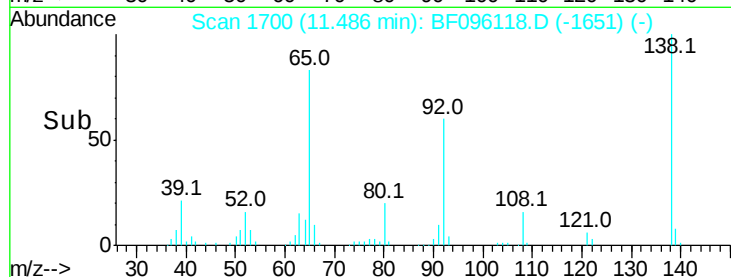
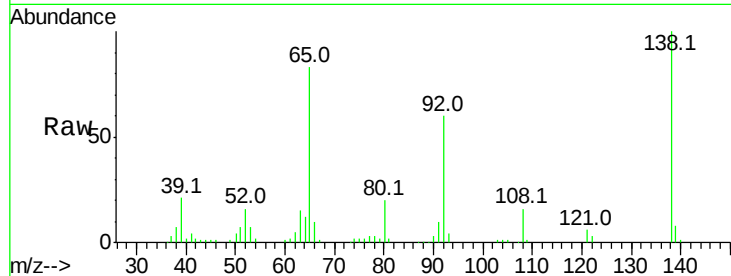
#47
 2-Nitroaniline
 Concen: 43.61 ng
 RT: 11.49 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.6	53.9	80.9
138	120.5	78.8	118.2

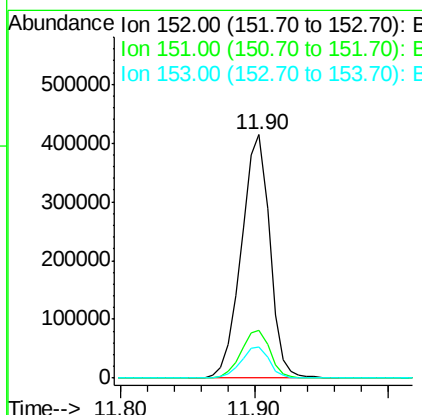
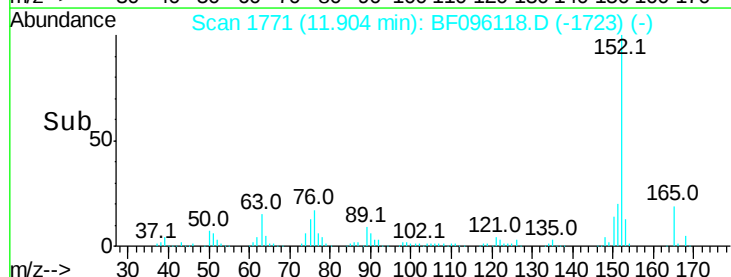
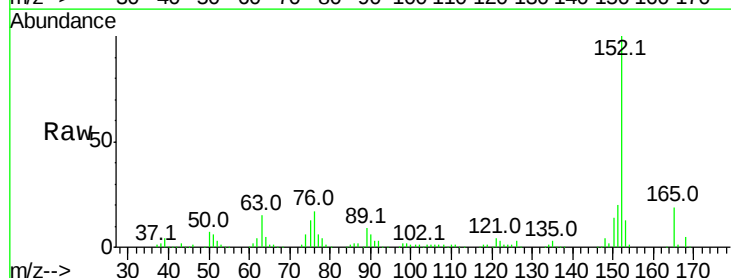
Manual Integrations
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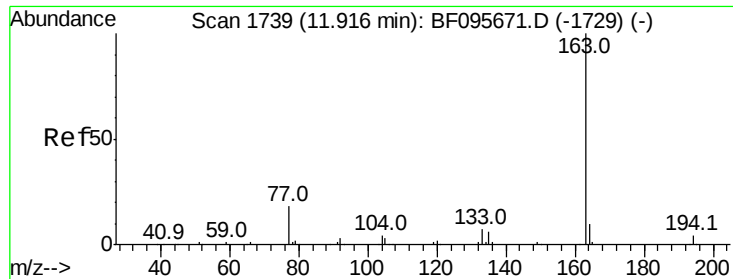
mohammad
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#48
 Acenaphthylene
 Concen: 39.79 ng
 RT: 11.90 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	12.7	10.8	16.2





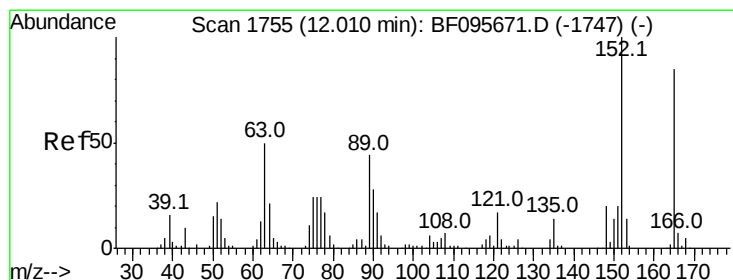
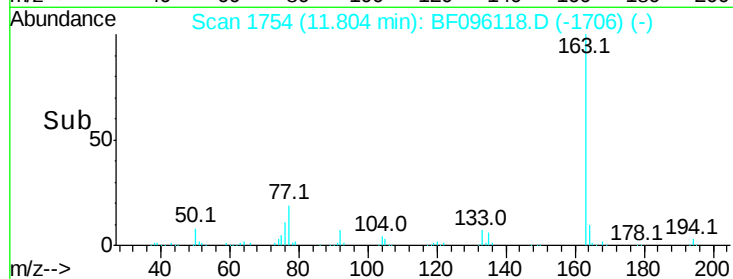
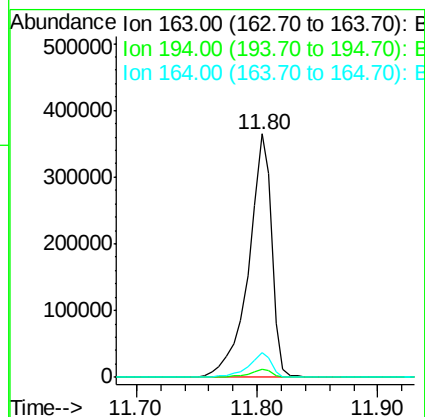
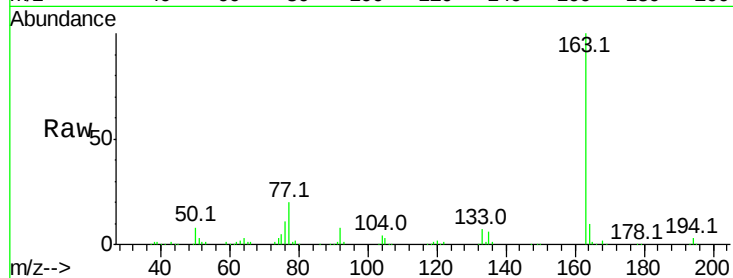
#49
Dimethylphthalate
Concen: 46.02 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6

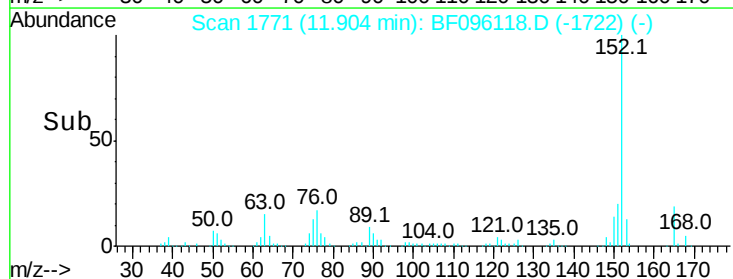
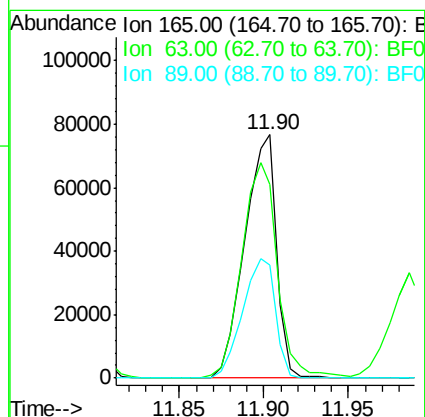
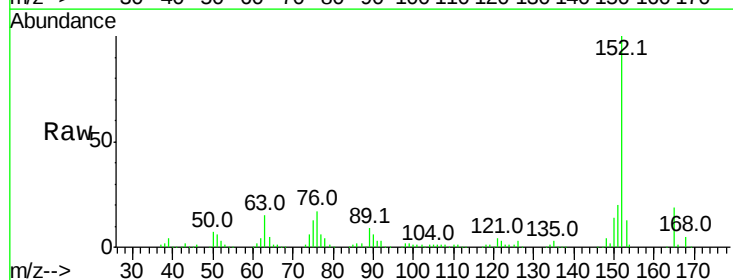
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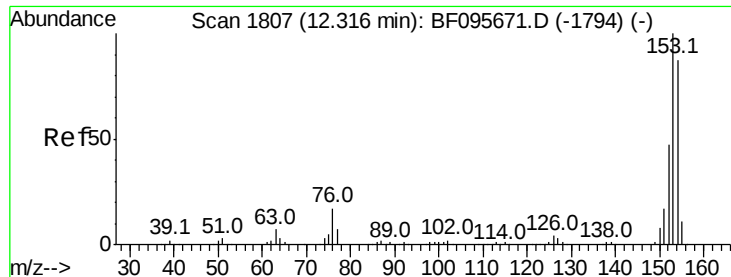
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#50
2,6-Dinitrotoluene
Concen: 43.66 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	79.4	34.3	51.5#
89	46.4	37.1	55.7





#51

Acenaphthene

Concen: 43.08 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

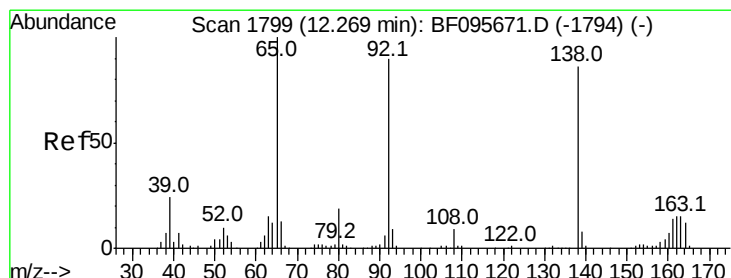
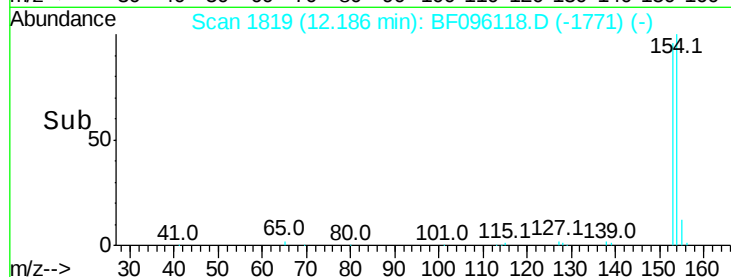
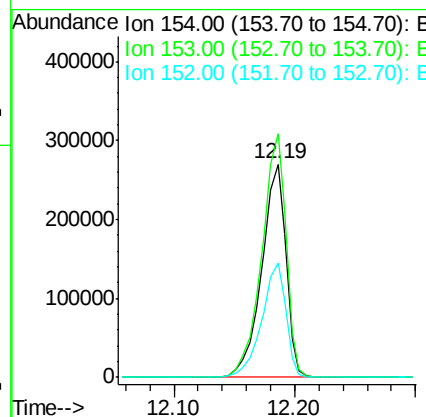
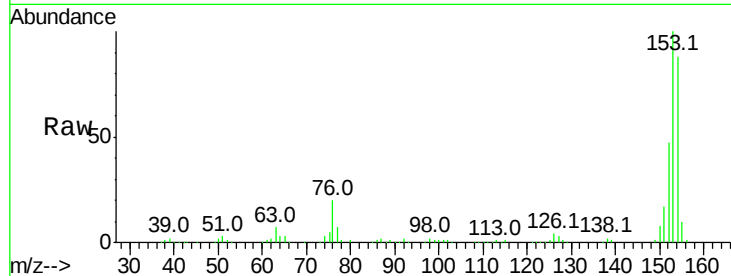
ClientSampleId :

SU-02-061617MS

Tot Ion:	154	Resp:	380748
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.5	135.7
152	53.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 10.01 ng

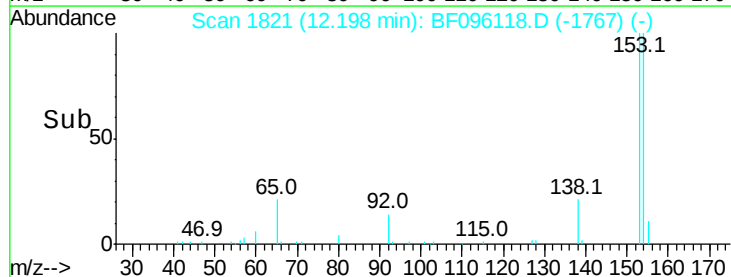
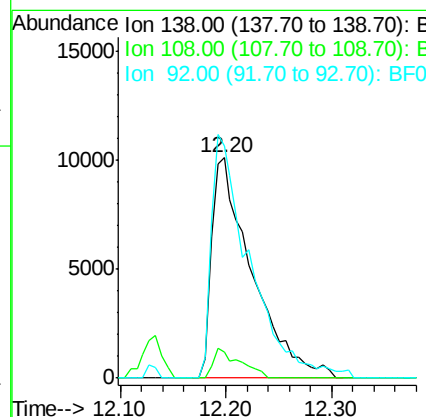
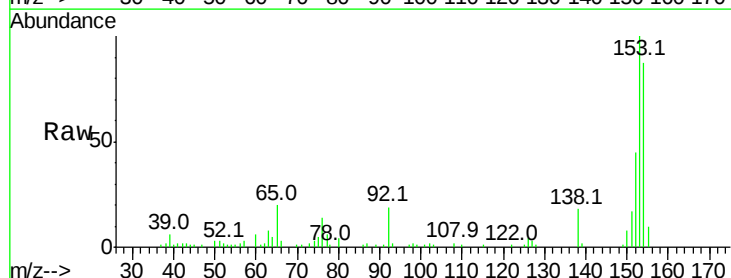
RT: 12.20 min Scan# 1821

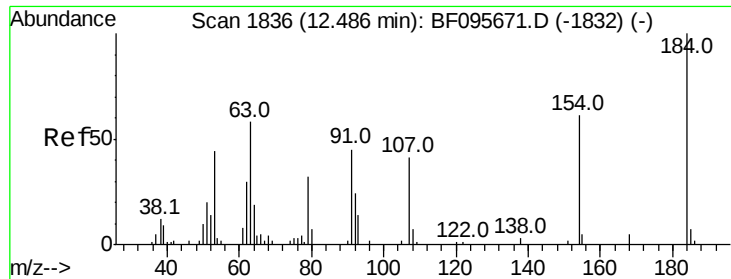
Delta R.T. 0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	138	Resp:	26844
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.1	13.7
92	105.5	93.8	140.6





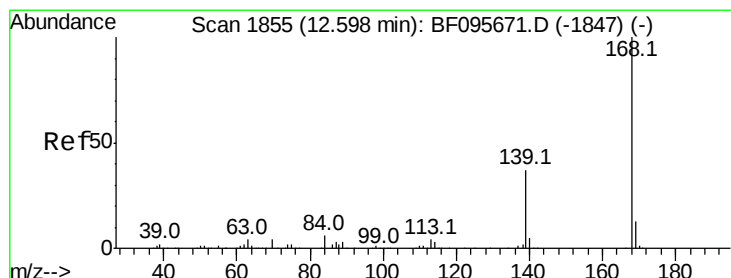
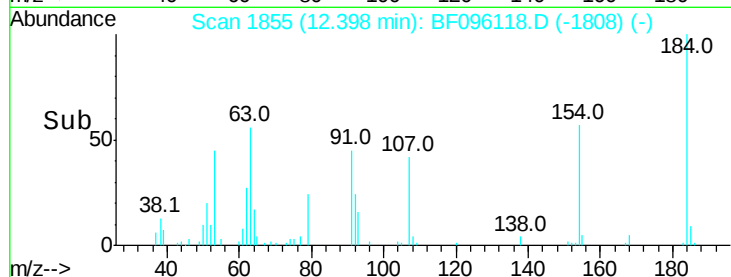
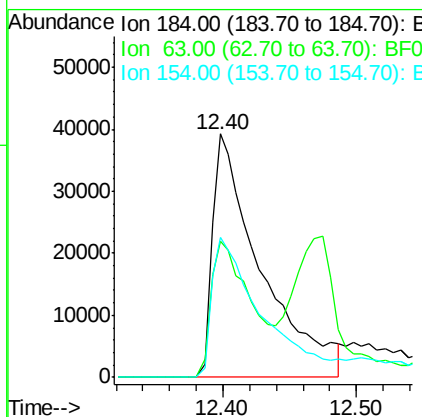
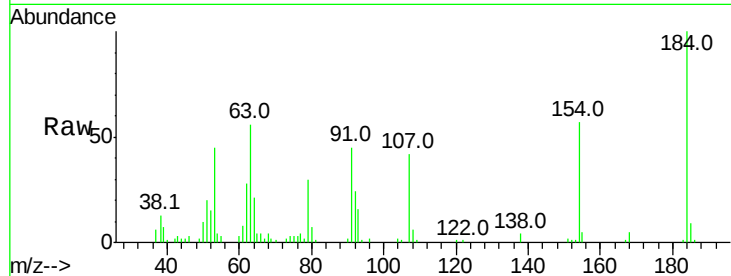
#53
 2,4-Dinitrophenol
 Concen: 76.32 ng
 RT: 12.40 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion:184 Resp: 99026
 Ion Ratio Lower Upper
 184 100
 63 56.1 62.7 94.1#
 154 57.3 81.1 121.7#

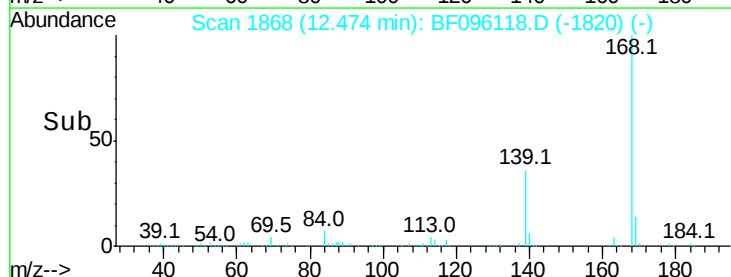
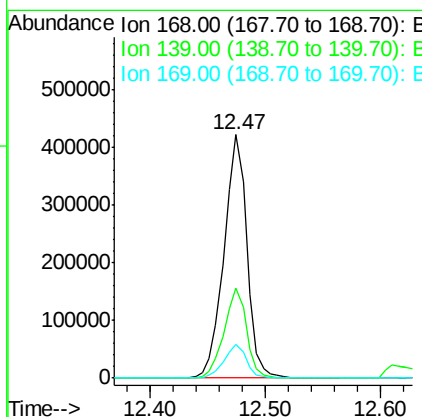
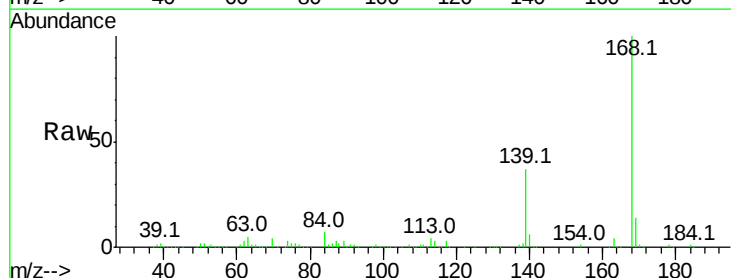
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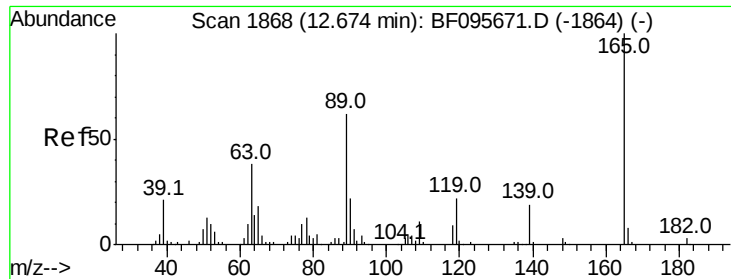
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#54
 Dibenzofuran
 Concen: 46.73 ng
 RT: 12.47 min Scan# 1868
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:168 Resp: 581211
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 65.57 ng

RT: 12.61 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

SU-02-061617MS

Tot Ion:139 Resp: 101262

Ion Ratio Lower Upper

139 100

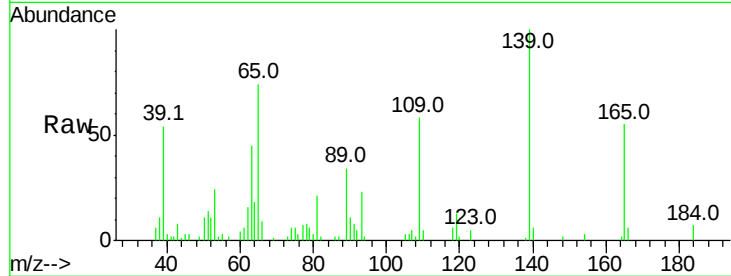
109 57.8 34.1 74.1

65 74.3 31.4 71.4#

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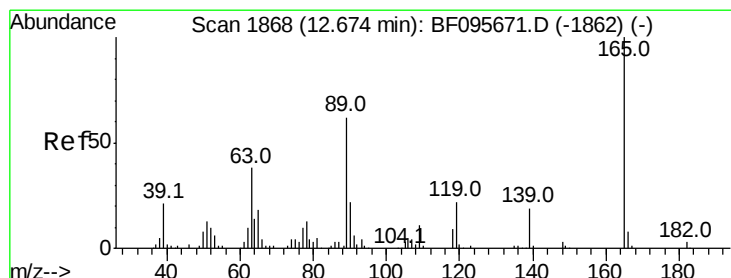
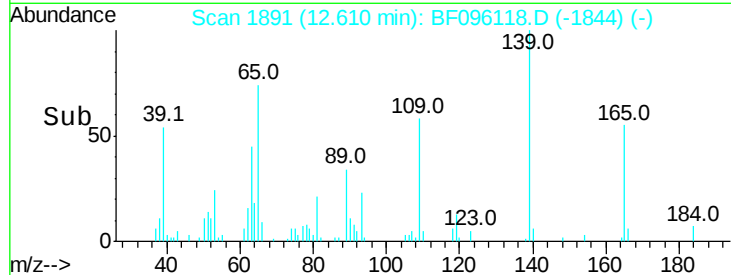
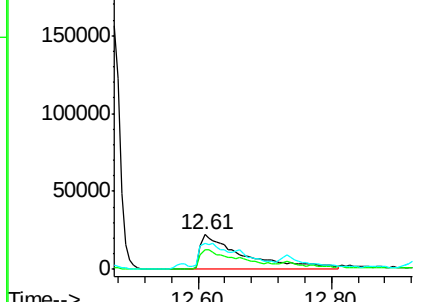
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 49.00 ng

RT: 12.57 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:165 Resp: 152299

Ion Ratio Lower Upper

165 100

63 39.0 25.4 38.0#

89 64.3 46.4 69.6

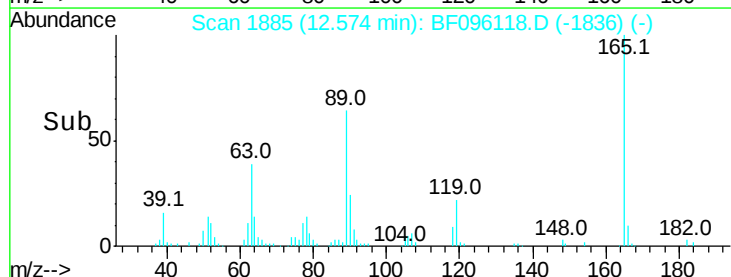
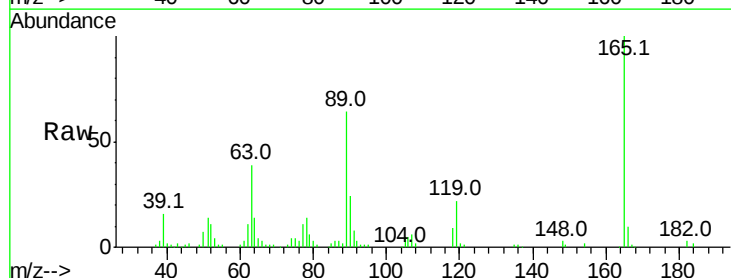
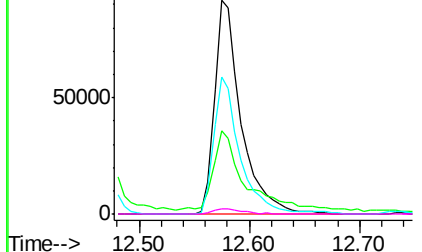
182 2.6 1.8 2.6

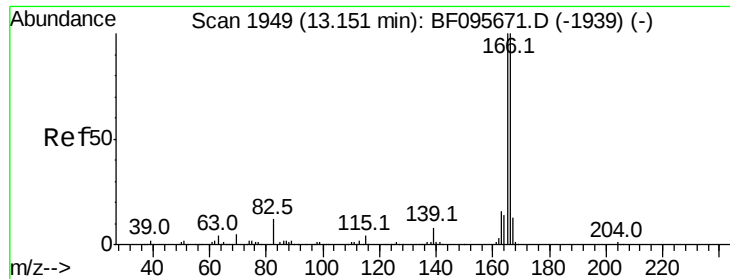
Abundance Ion 165.00 (164.70 to 165.70): E

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





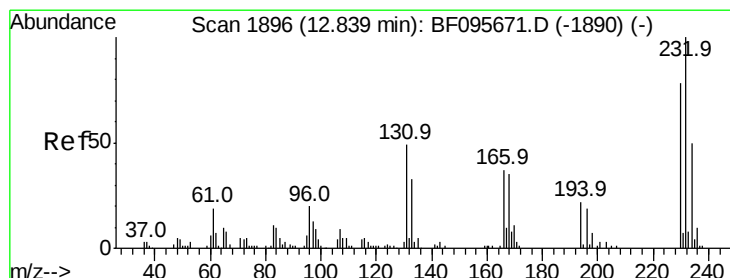
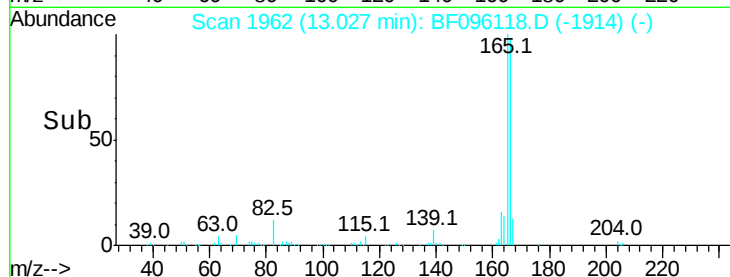
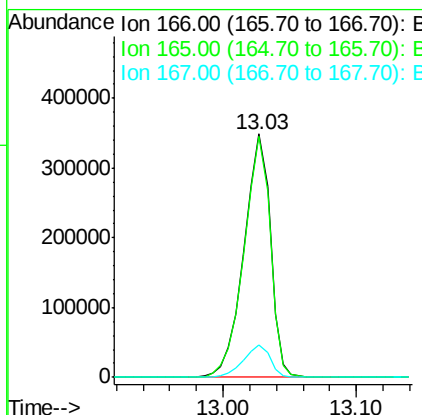
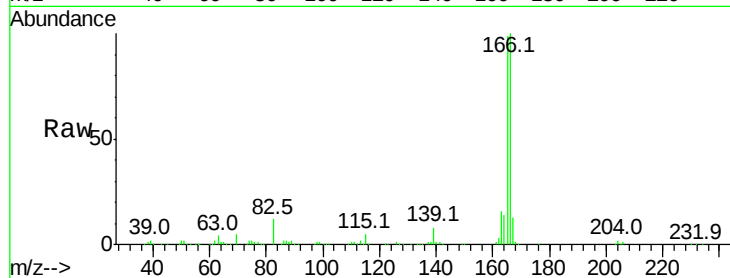
#57
 Fluorene
 Concen: 44.12 ng
 RT: 13.03 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	477512		
165	98.8		78.8	118.2
167	13.3		10.6	16.0

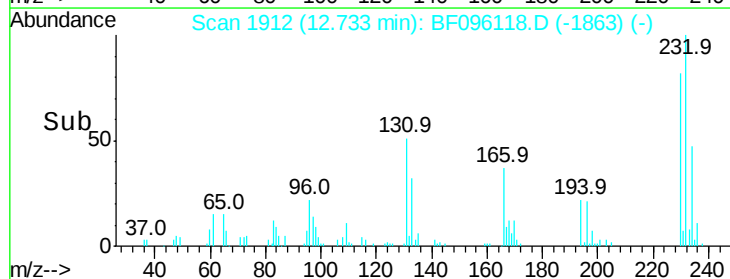
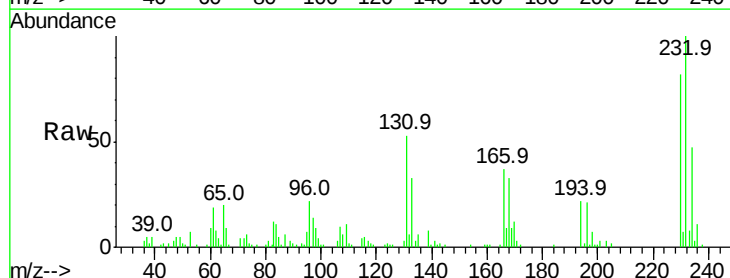
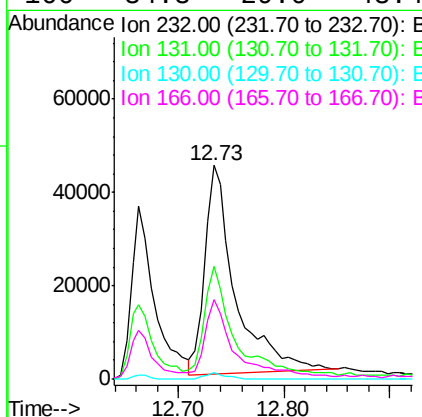
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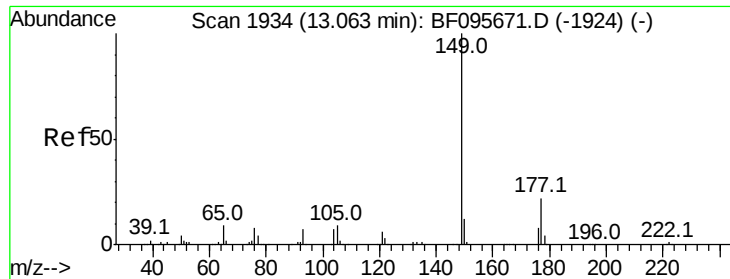
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.57 ng
 RT: 12.73 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	90628		
131	52.0		44.8	67.2
130	1.9		2.3	3.5#
166	34.3		29.0	43.4





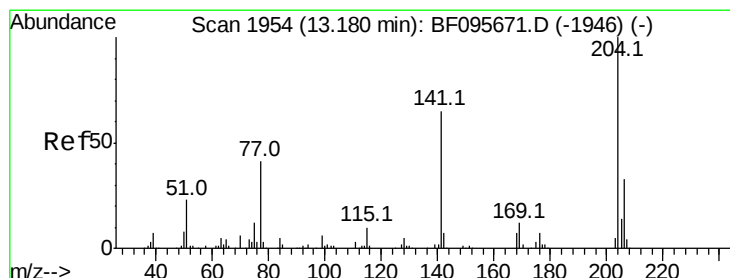
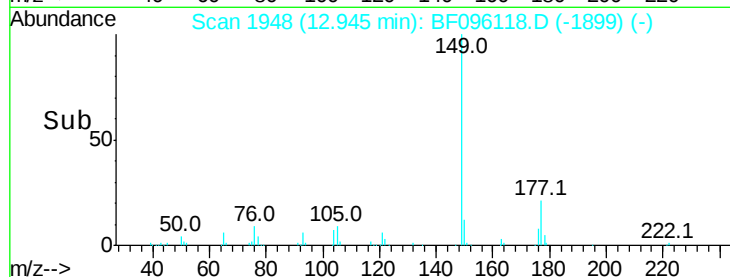
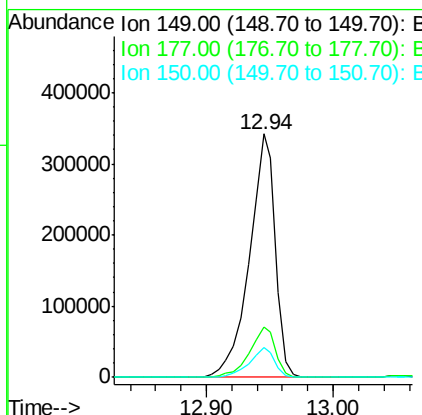
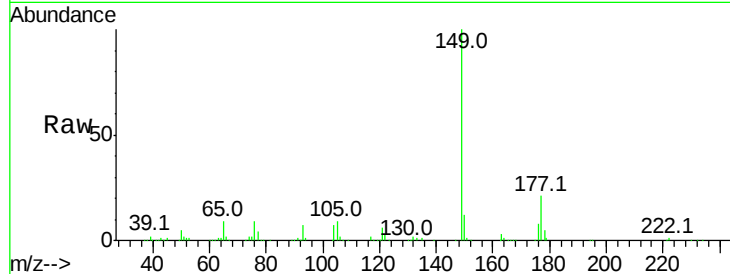
#59
Diethylphthalate
Concen: 47.81 ng
RT: 12.94 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.1	10.2	15.2

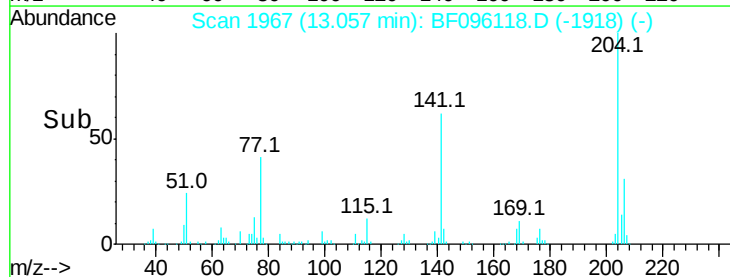
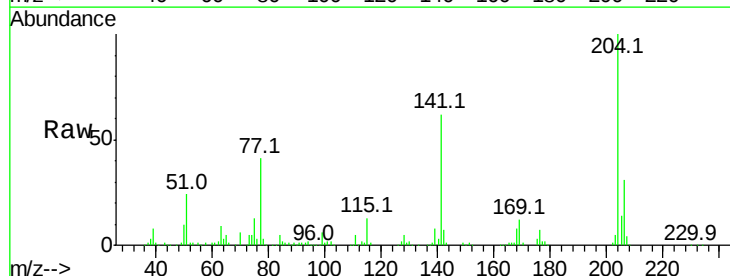
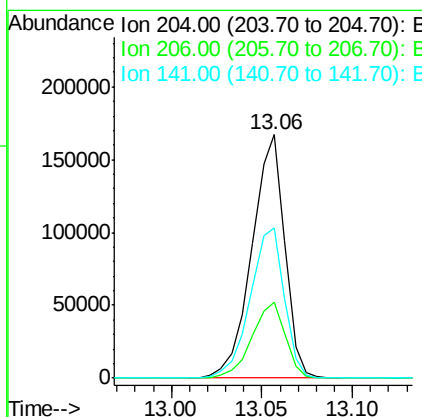
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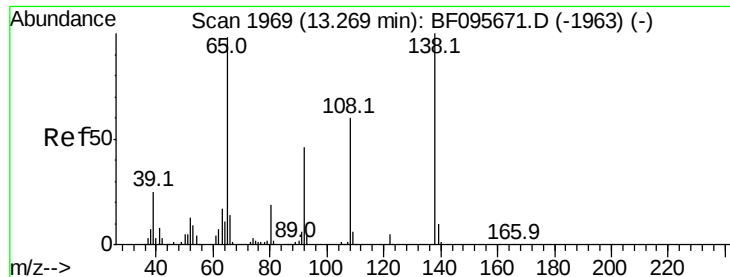
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#60
4-Chlorophenyl-phenylether
Concen: 44.64 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.2	39.2
141	61.8	60.8	91.2





#61

4-Nitroaniline

Concen: 23.54 ng

RT: 13.17 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

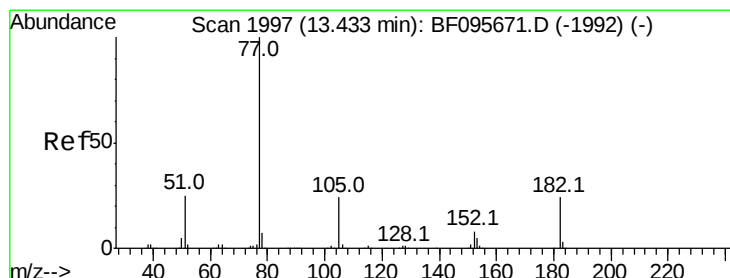
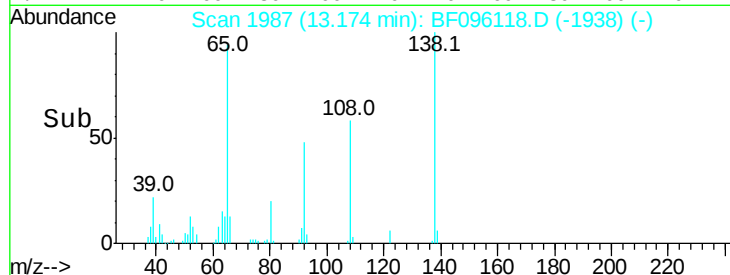
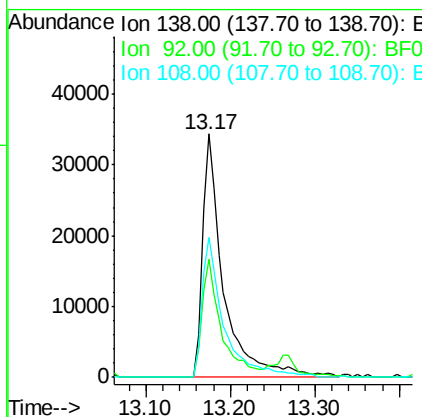
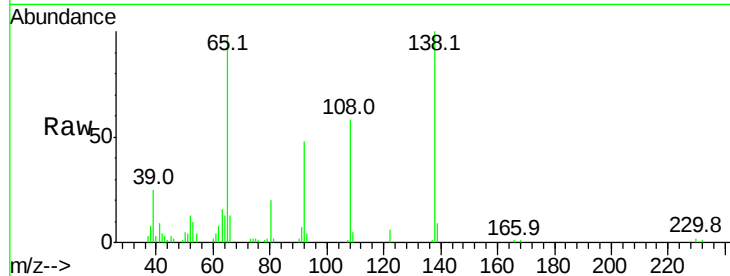
ClientSampleId :

SU-02-061617MS

Tot Ion:	138	Resp:	58937
Ion Ratio	Lower	Upper	
138	100		
92	48.3	21.8	61.8
108	57.5	42.3	82.3

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#62

Azobenzene

Concen: 48.04 ng

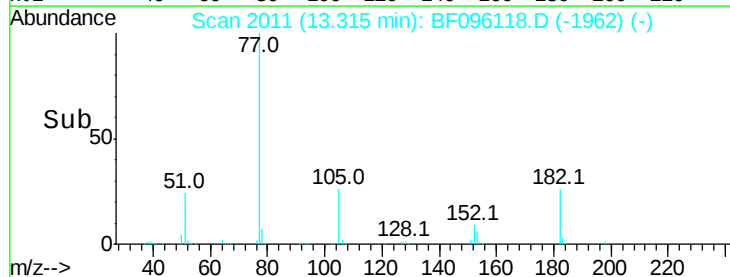
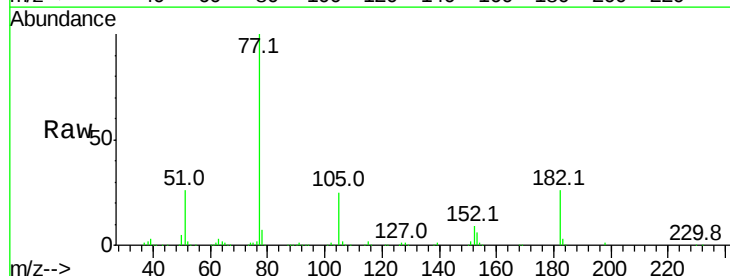
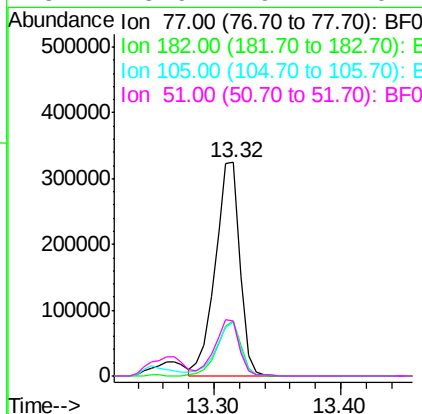
RT: 13.32 min Scan# 2011

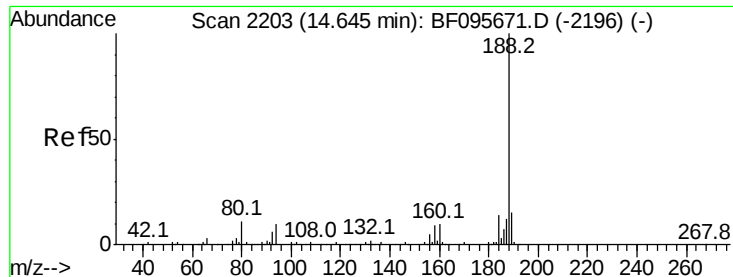
Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	77	Resp:	442113
Ion Ratio	Lower	Upper	
77	100		
182	25.9	0.1	40.1
105	25.3	3.6	43.6
51	25.9	9.4	49.4





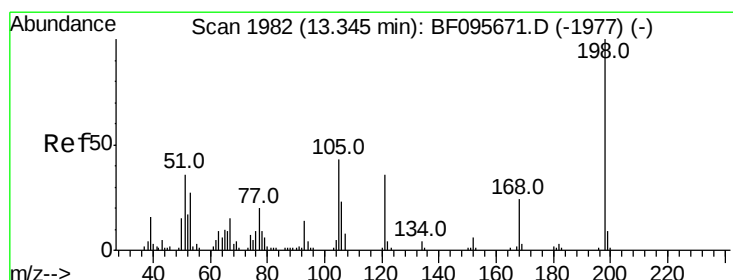
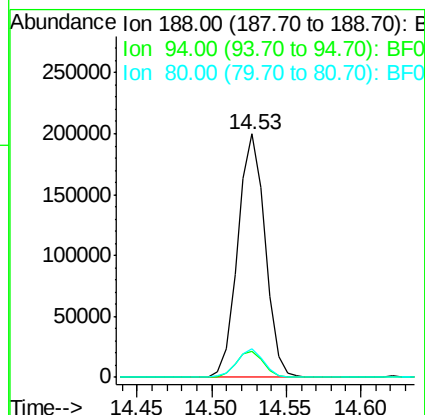
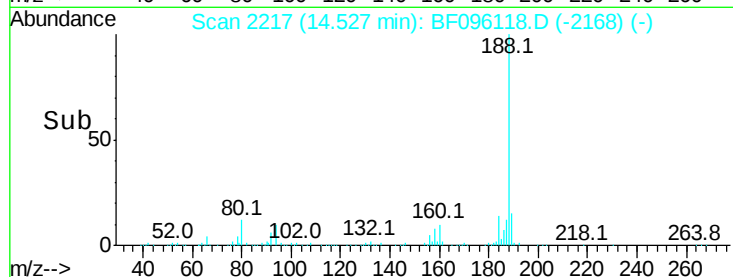
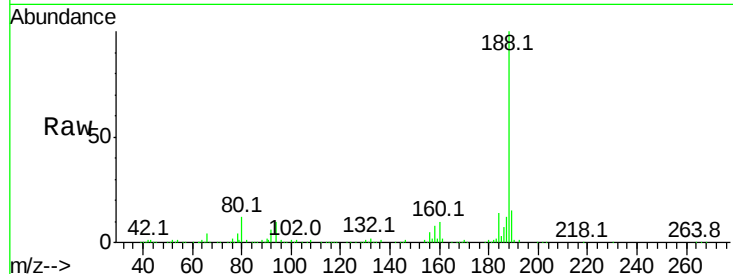
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	255063		
94	10.5		9.4	14.2
80	11.6		10.2	15.2

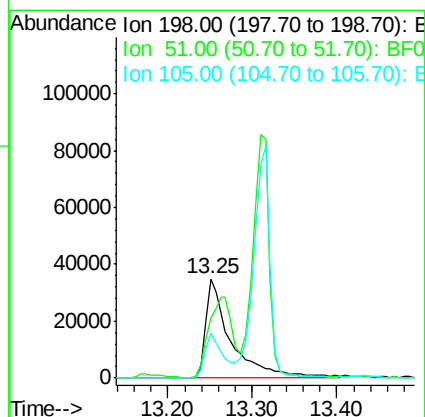
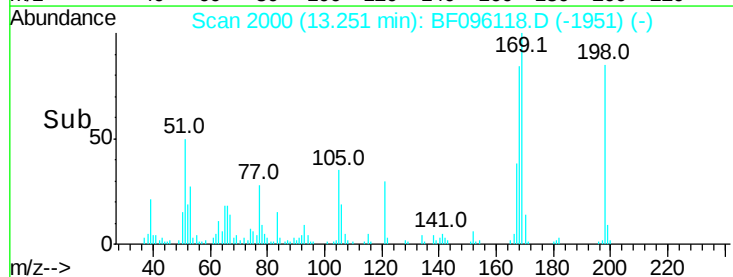
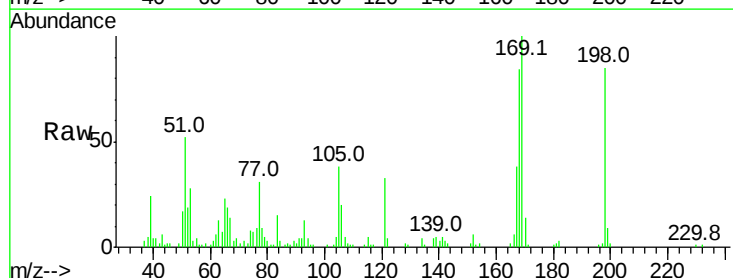
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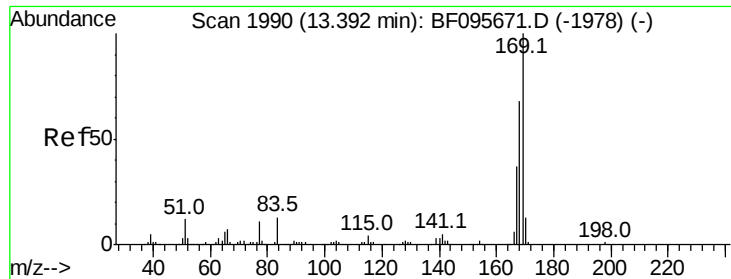
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.52 ng
RT: 13.25 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	72956		
51	60.7		53.2	93.2
105	45.4		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 27.09 ng

RT: 13.27 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

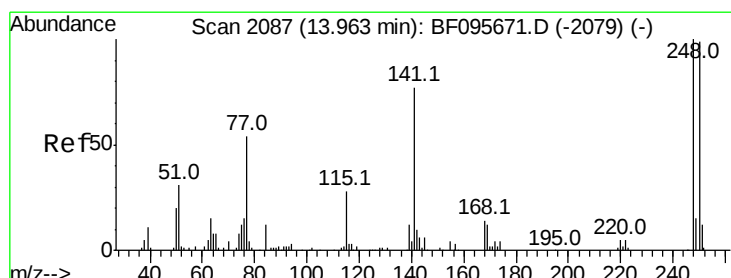
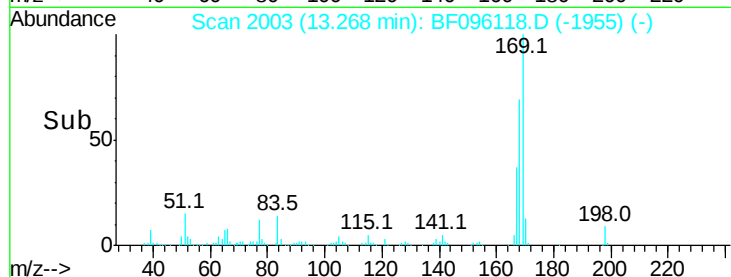
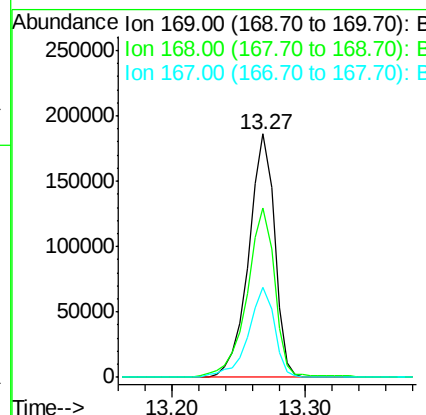
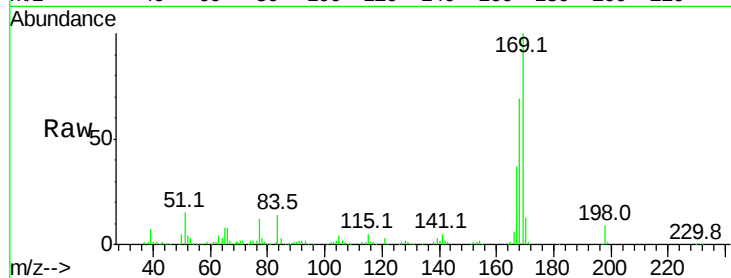
ClientSampleId :

SU-02-061617MS

Tot Ion:	169	Resp:	248250
Ion Ratio	Lower	Upper	
169	100		
168	69.4	53.2	79.8
167	36.8	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 45.67 ng

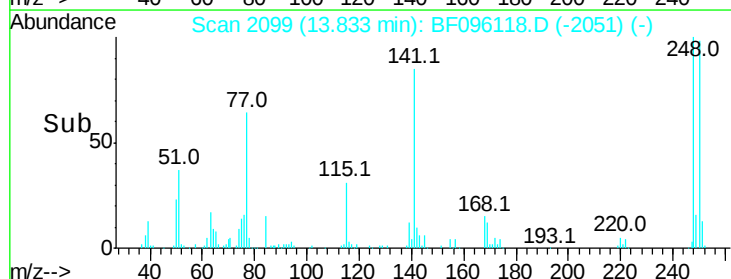
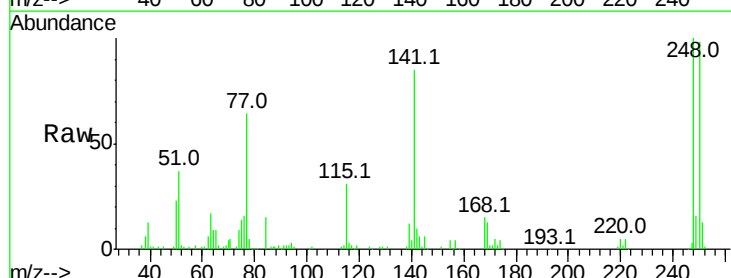
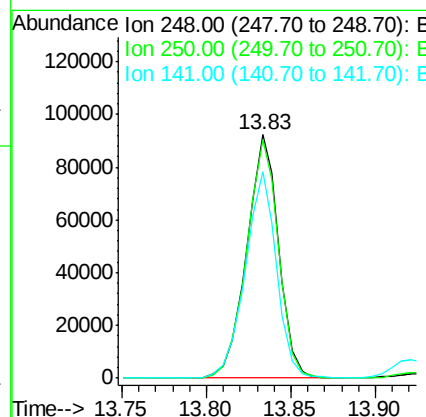
RT: 13.83 min Scan# 2099

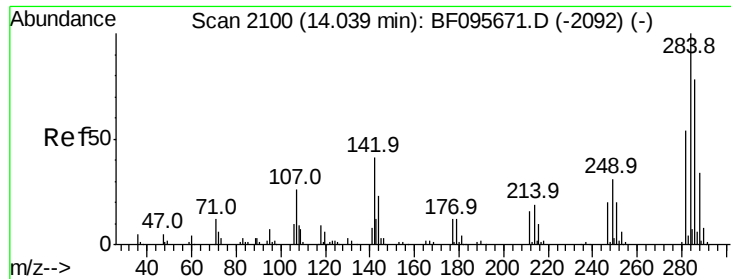
Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	248	Resp:	121069
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.8	115.2
141	84.8	68.6	103.0





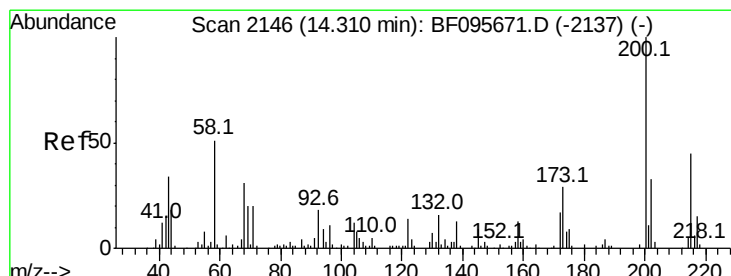
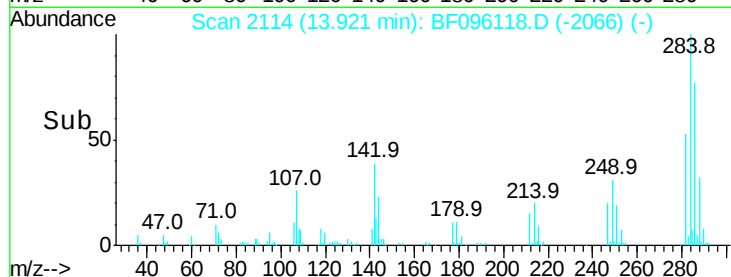
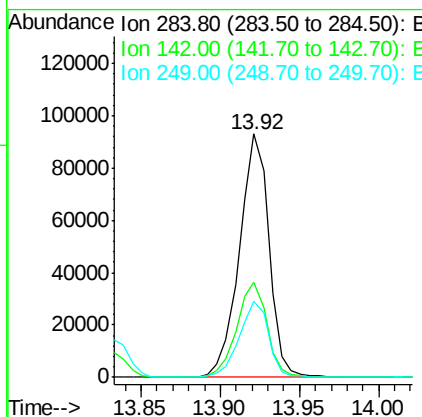
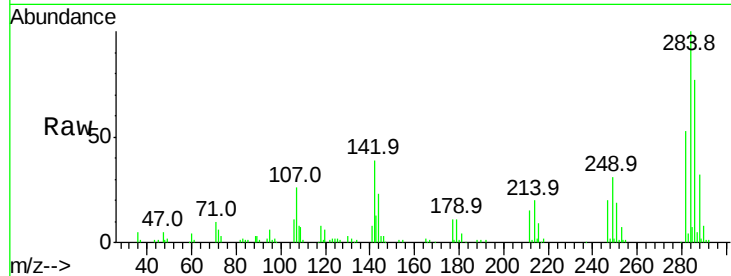
#67
Hexachlorobenzene
Concen: 46.16 ng
RT: 13.92 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.3	22.8	34.2	#
249	31.4	24.0	36.0	

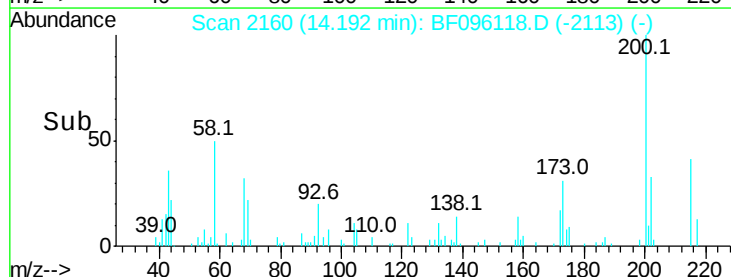
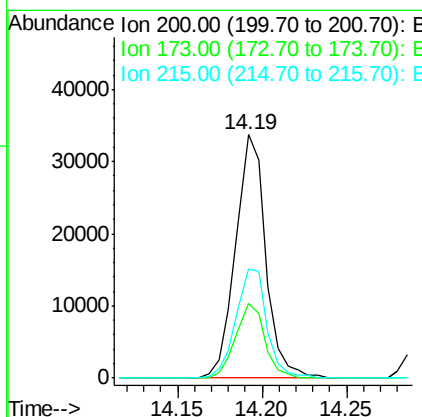
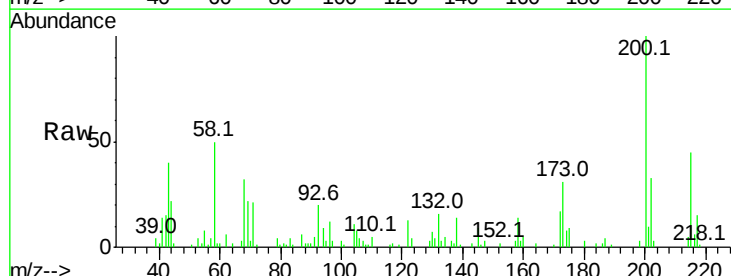
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#68
Atrazine
Concen: 16.40 ng
RT: 14.19 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.6	6.3	46.3	
215	44.7	27.2	67.2	





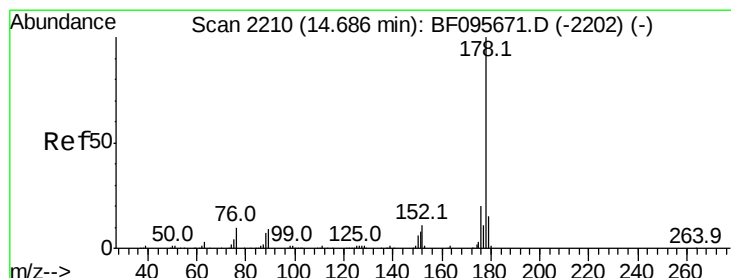
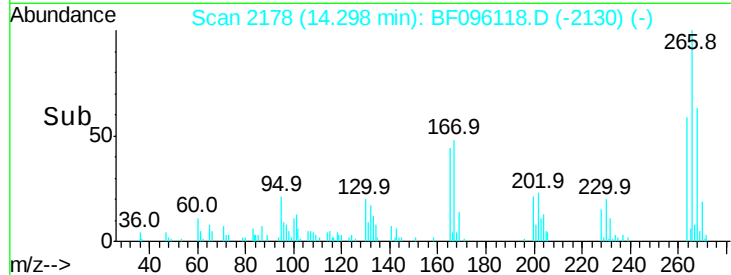
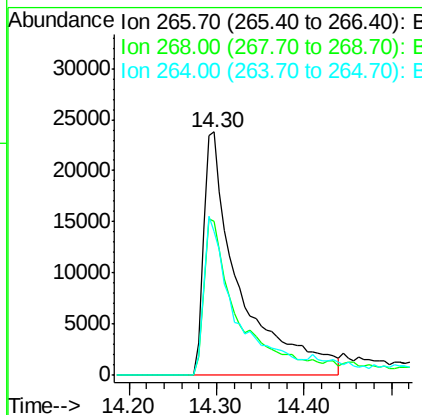
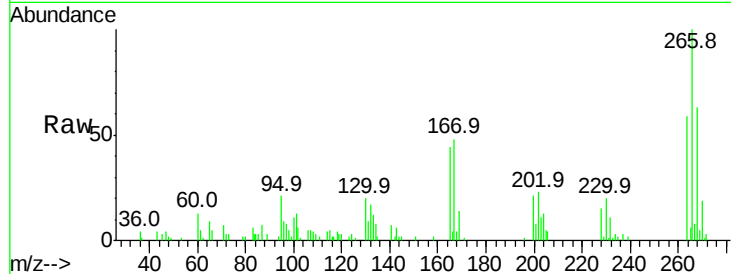
#69
 Pentachlorophenol
 Concen: 69.30 ng
 RT: 14.30 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	59.1	51.7	77.5

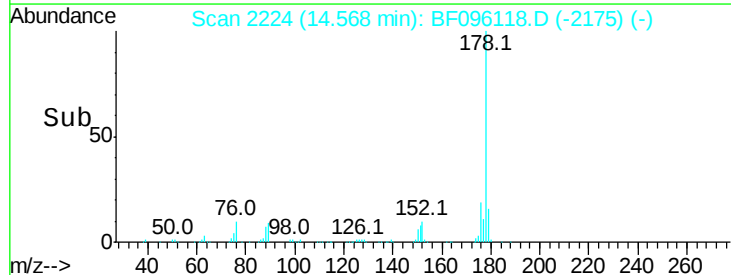
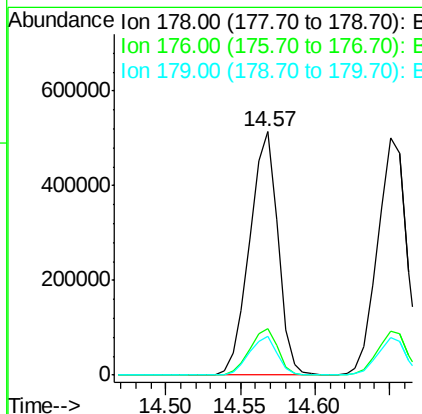
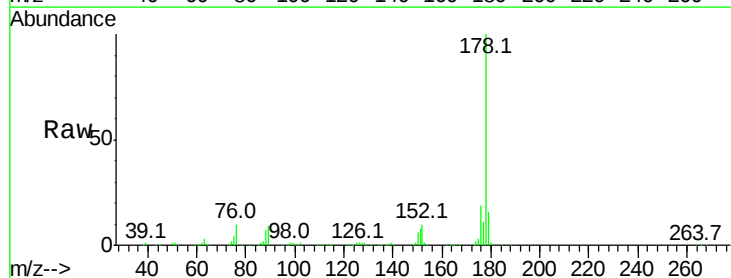
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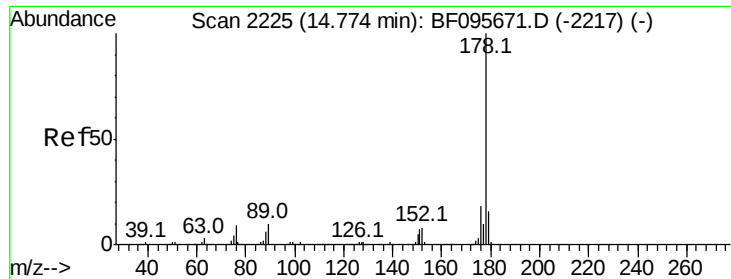
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#70
 Phenanthrene
 Concen: 45.80 ng
 RT: 14.57 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.8	12.6	19.0





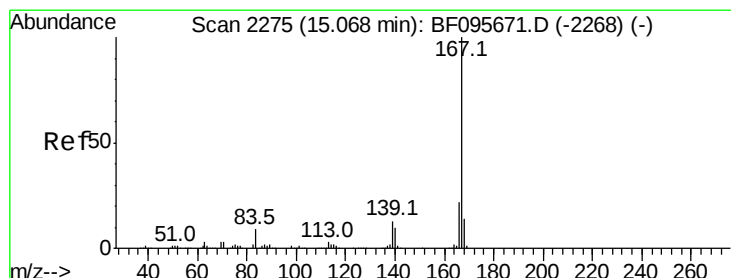
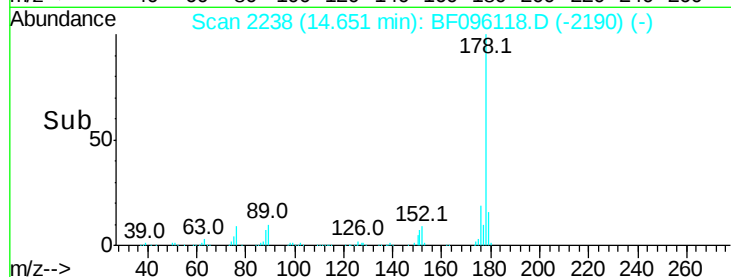
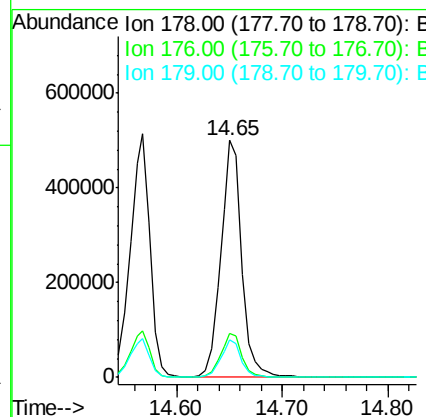
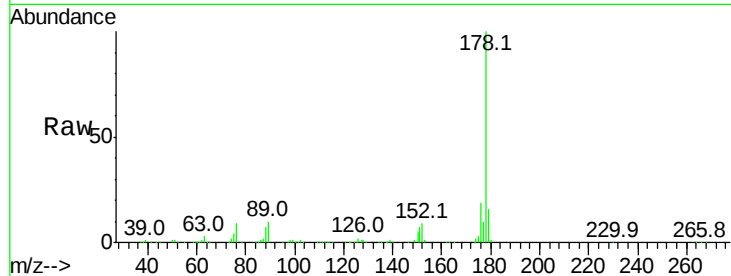
#71
 Anthracene
 Concen: 45.09 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.0	12.7	19.1

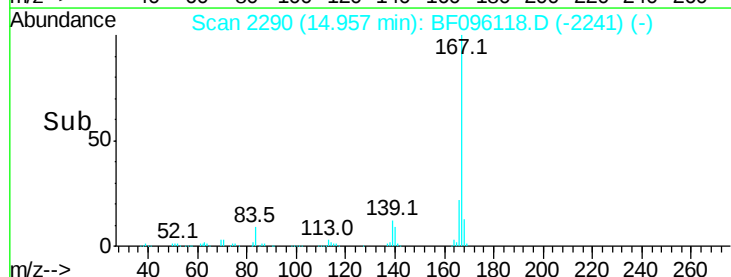
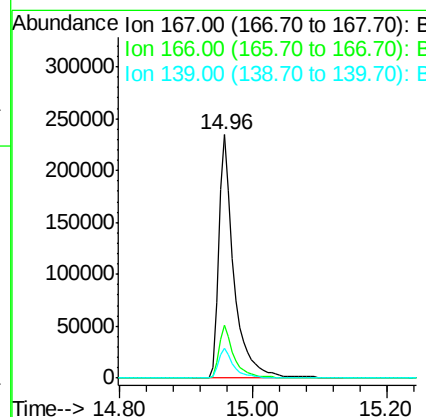
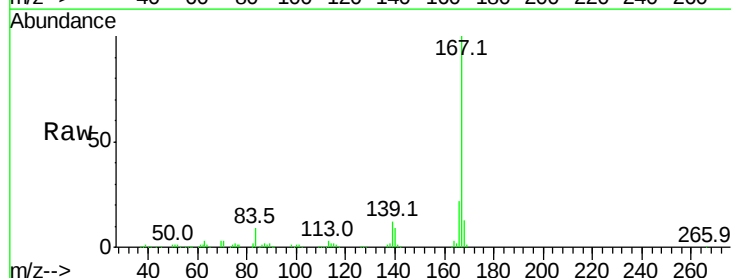
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#72
 Carbazole
 Concen: 25.13 ng
 RT: 14.96 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 50.71 ng

RT: 15.55 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

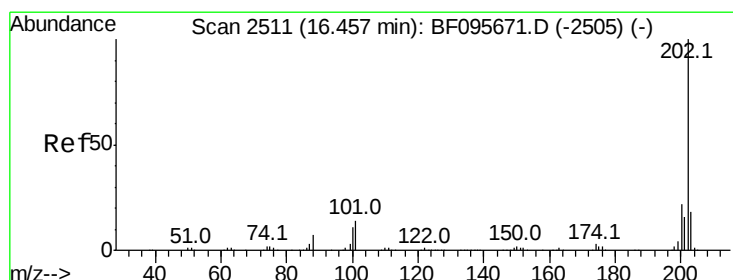
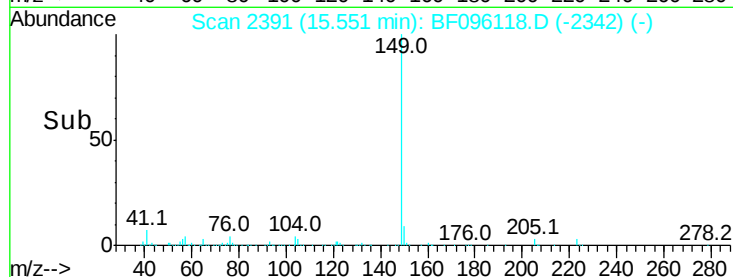
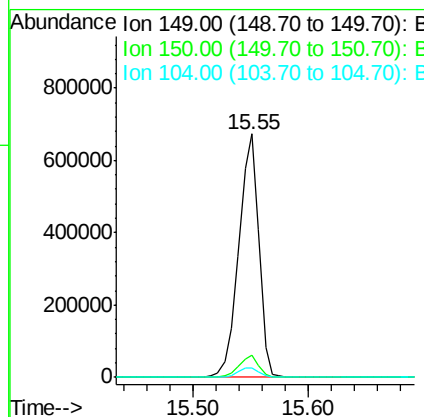
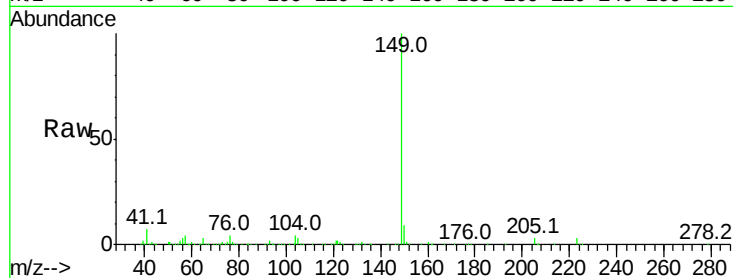
ClientSampleId :

SU-02-061617MS

Tot Ion:	149	Resp:	807724
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0

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#74

Fluoranthene

Concen: 47.64 ng

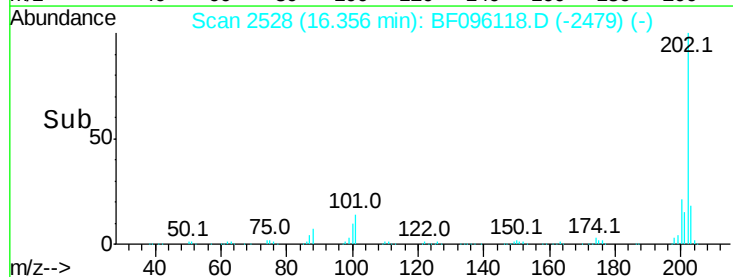
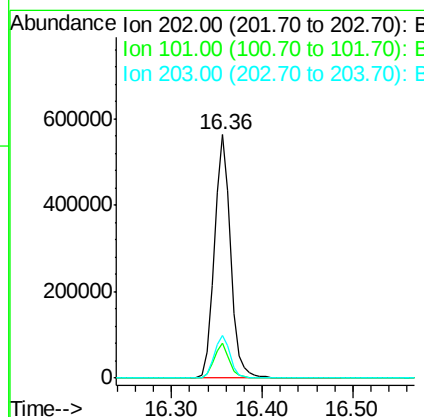
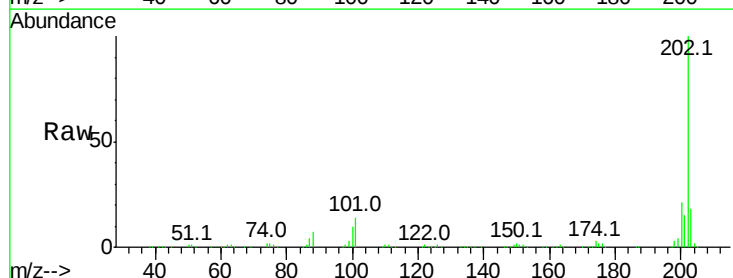
RT: 16.36 min Scan# 2528

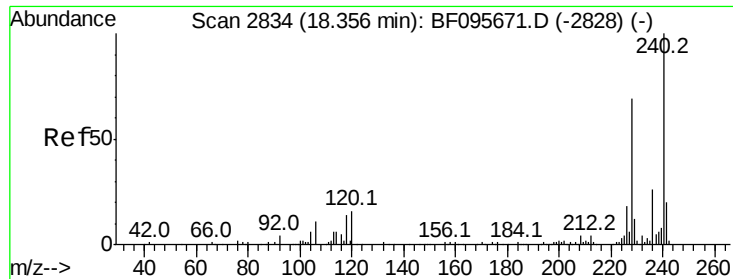
Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	202	Resp:	693927
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.2
203	17.7	0.0	38.1





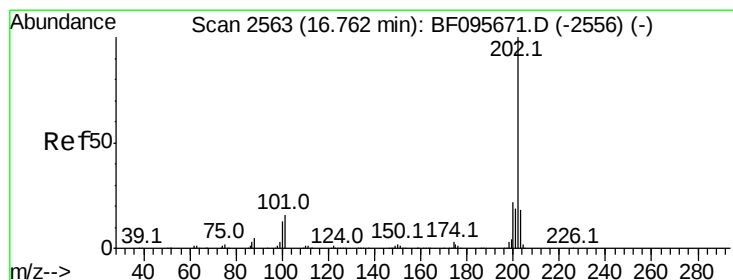
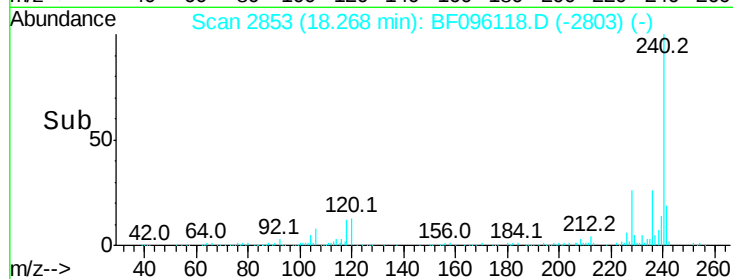
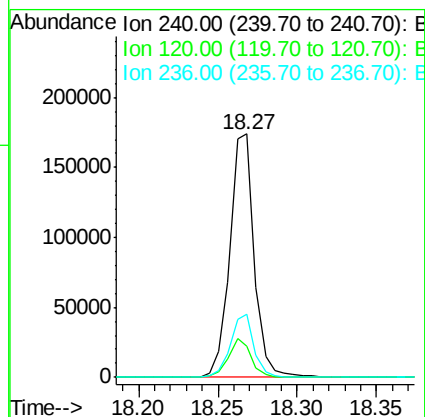
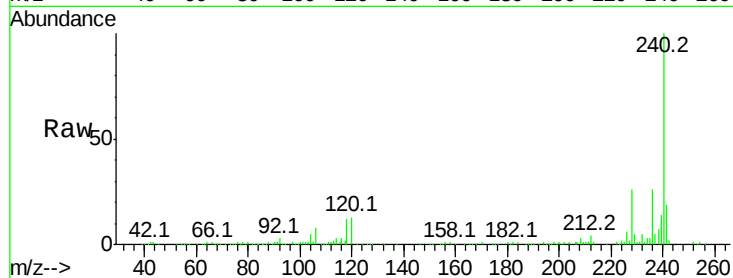
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	25.7	20.5	30.7

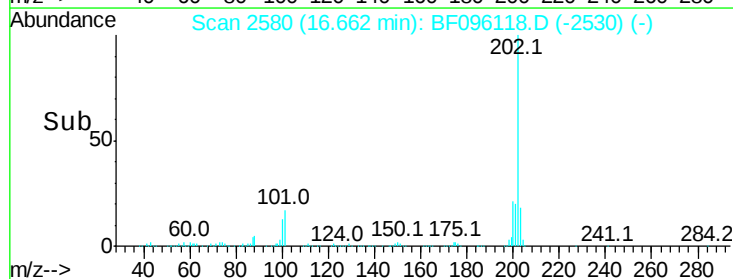
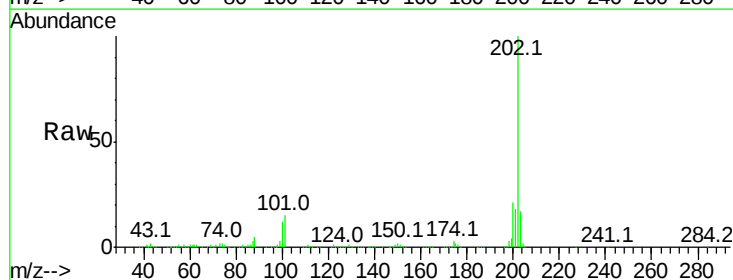
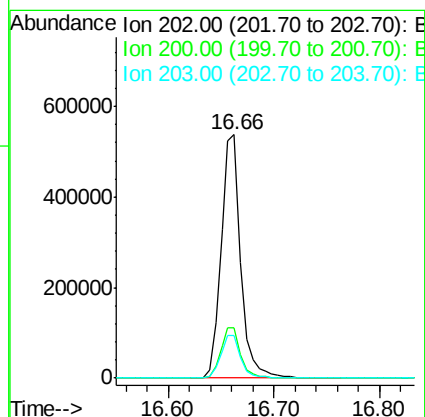
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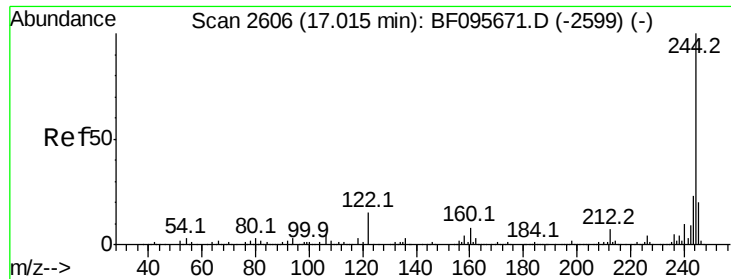
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#77
Pyrene
Concen: 50.52 ng
RT: 16.66 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.4	14.4	21.6





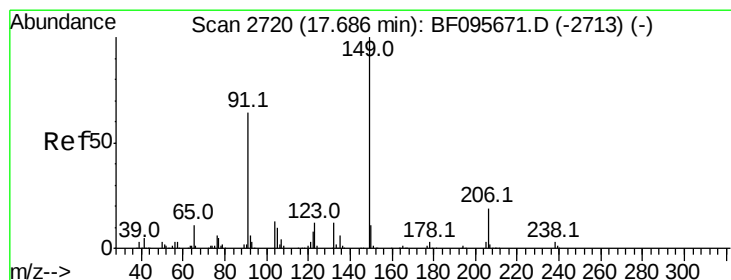
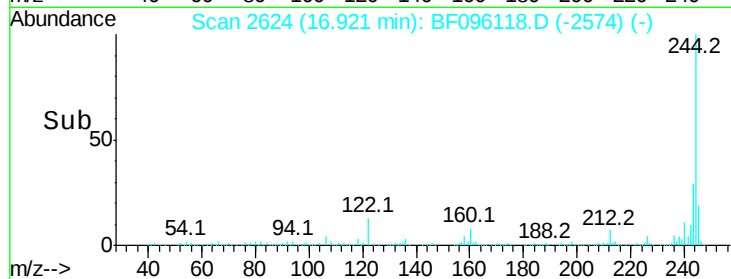
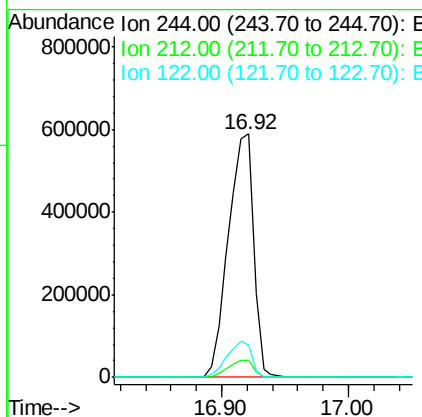
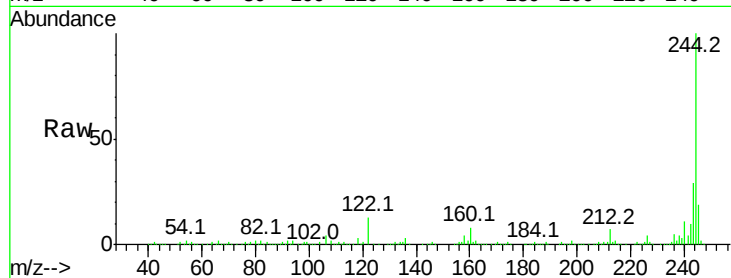
#78
 Terphenyl-d14
 Concen: 108.48 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	6.0	9.0	
122	13.4	10.3	15.5	

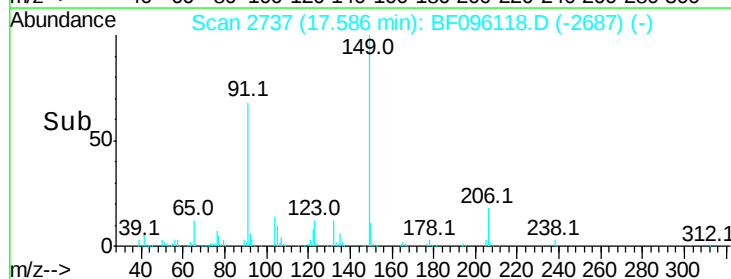
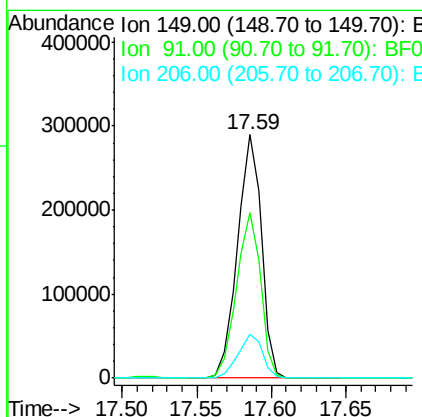
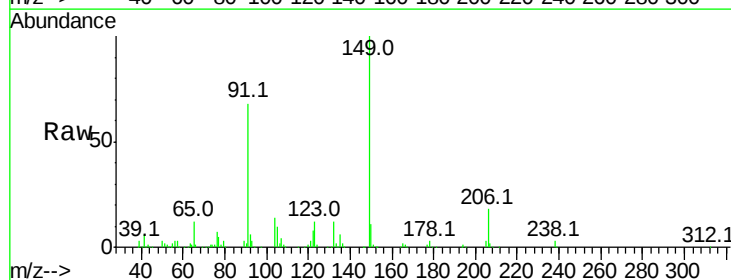
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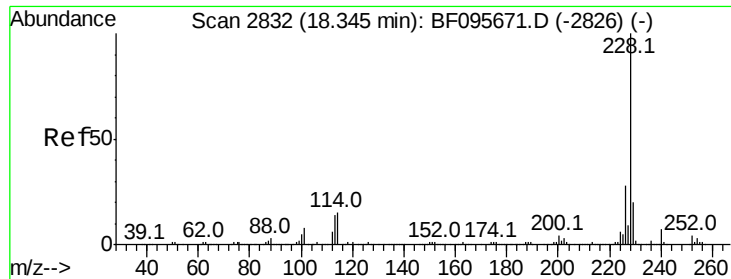
mohammad
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#79
 Butylbenzylphthalate
 Concen: 53.86 ng
 RT: 17.59 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.1	45.0	67.4	
206	17.8	17.0	25.6	





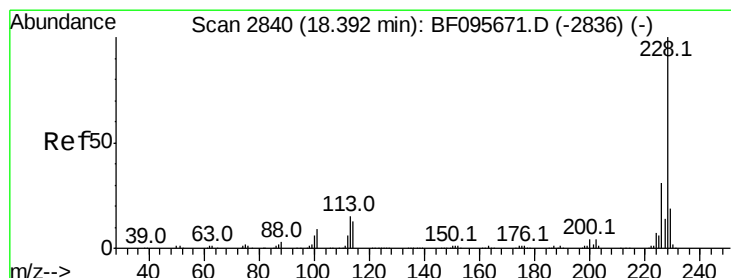
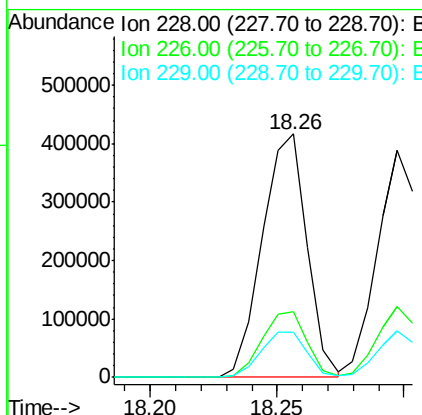
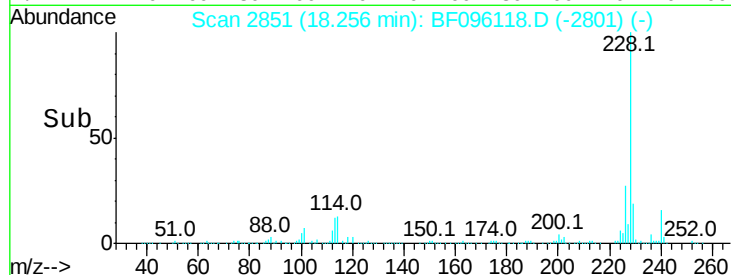
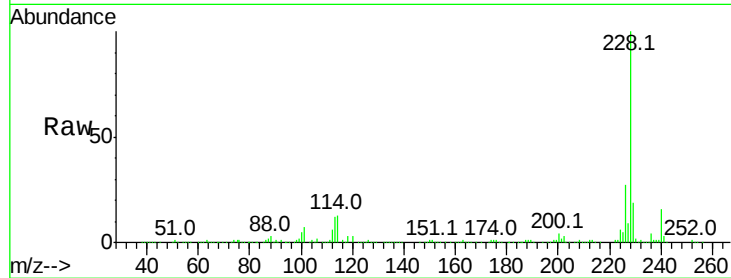
#80
Benzo(a)anthracene
Concen: 47.44 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	18.7	16.3	24.5

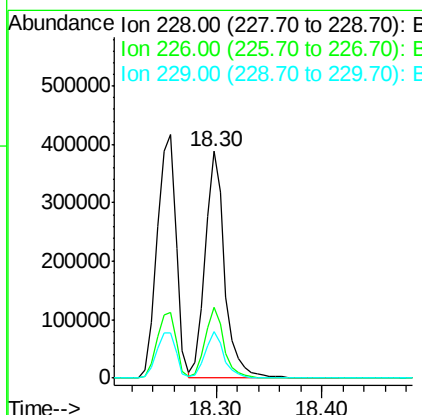
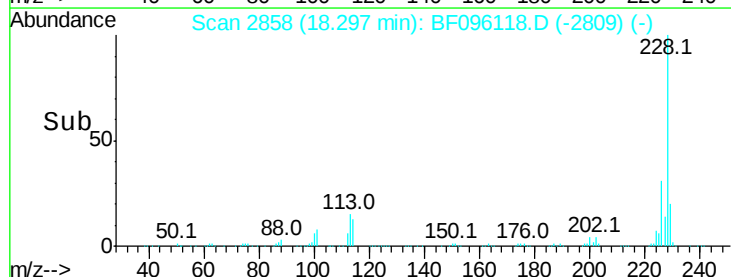
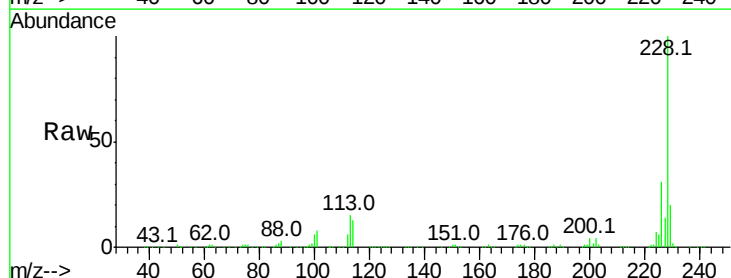
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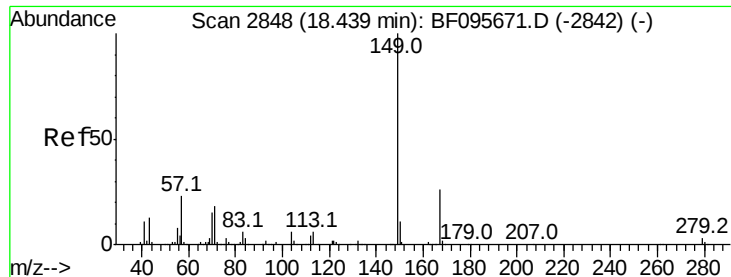
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#82
Chrysene
Concen: 46.34 ng
RT: 18.30 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.2	15.8	23.6





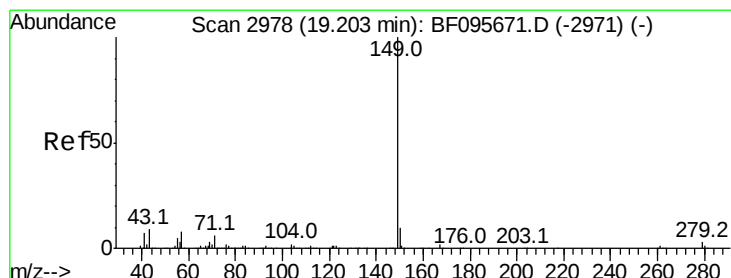
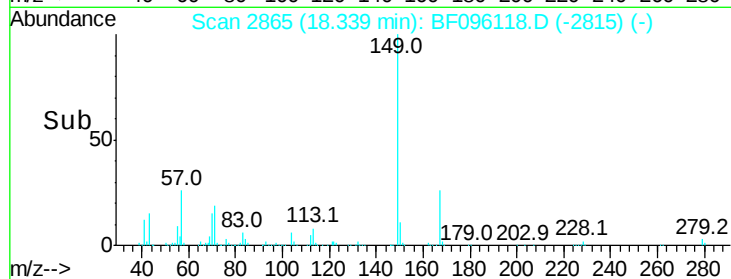
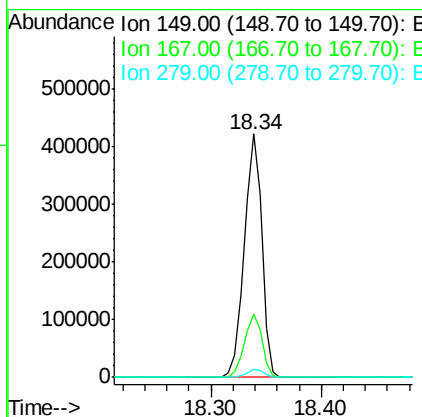
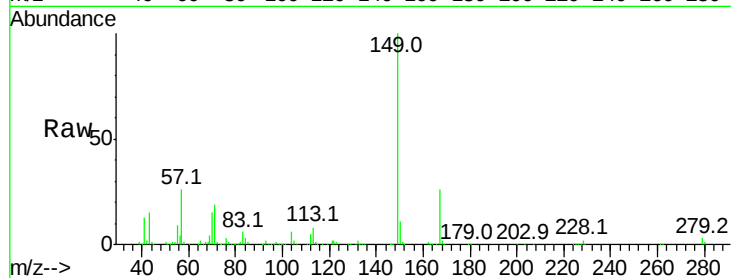
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.54 ng
 RT: 18.34 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	3.1	1.9	2.9

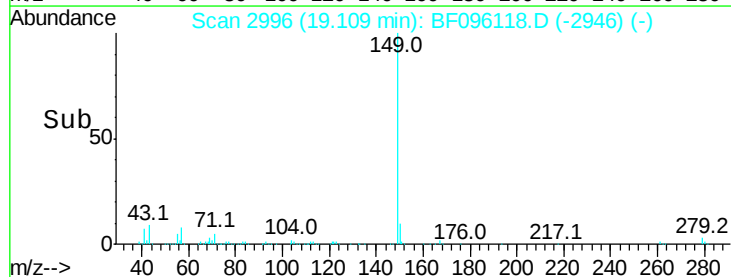
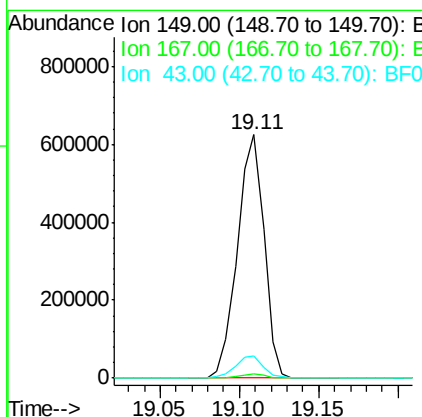
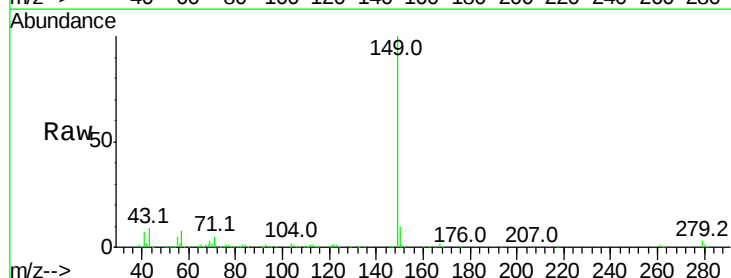
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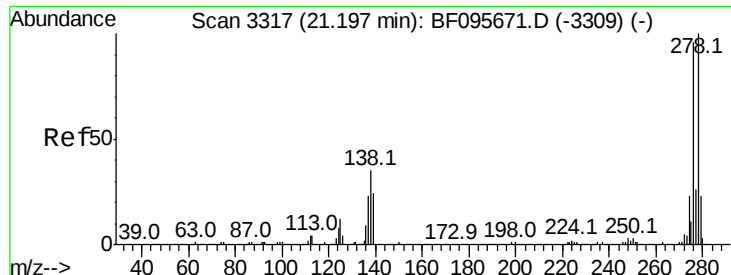
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 51.89 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	8.5	12.7





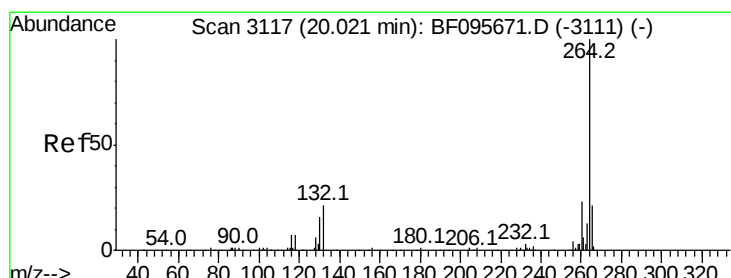
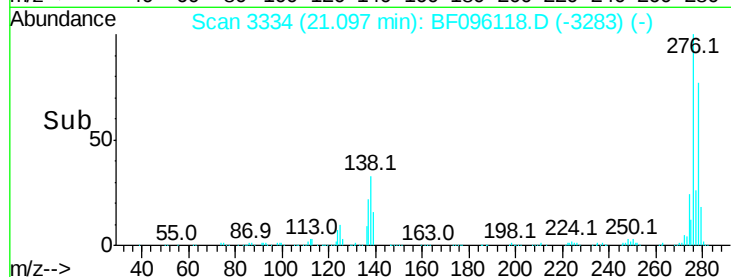
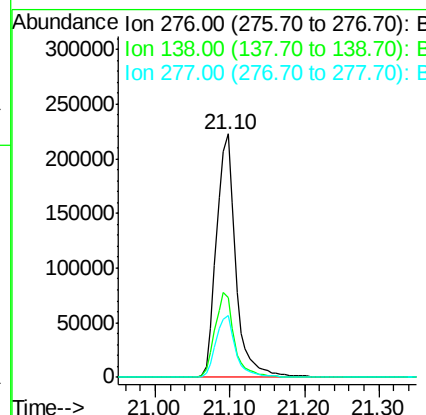
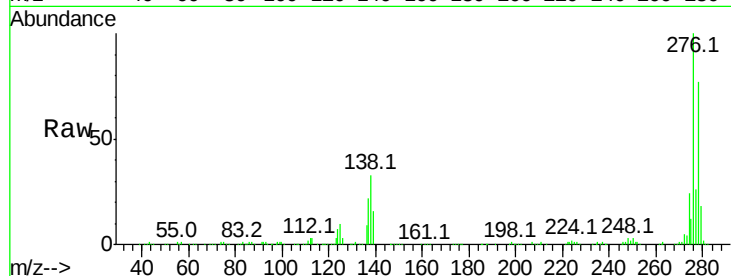
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.35 ng
 RT: 21.10 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.8	20.2	30.4

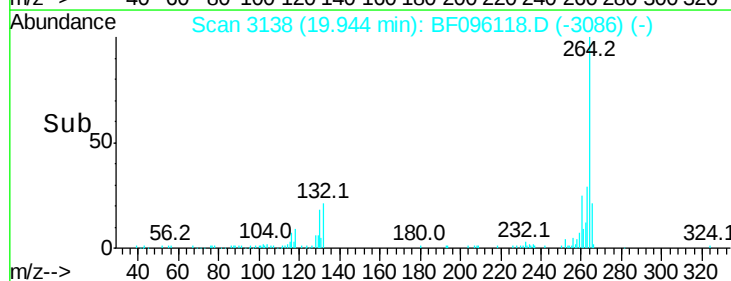
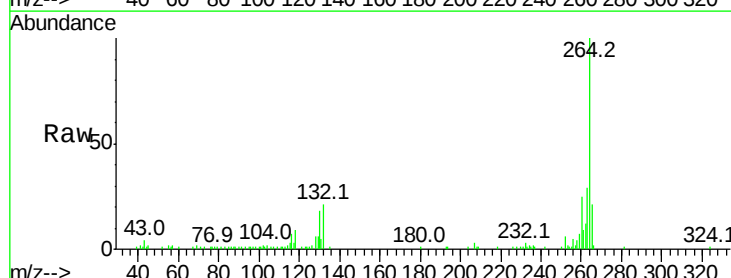
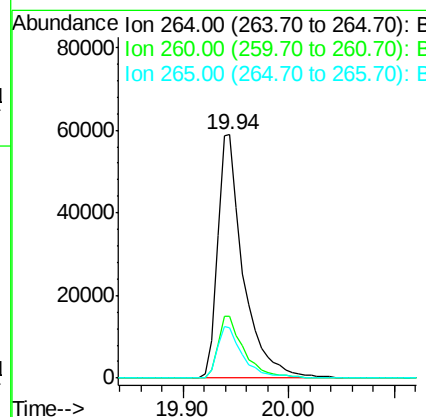
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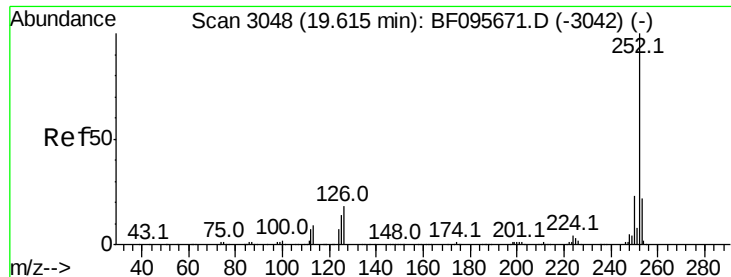
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 60.63 ng

RT: 19.53 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

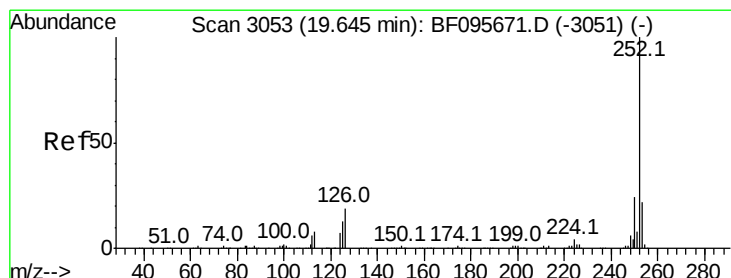
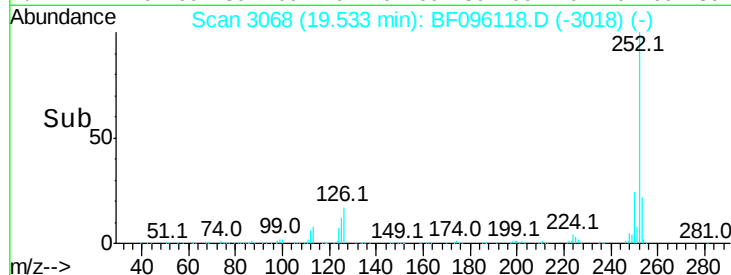
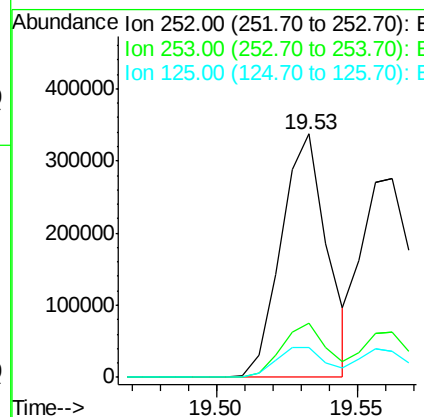
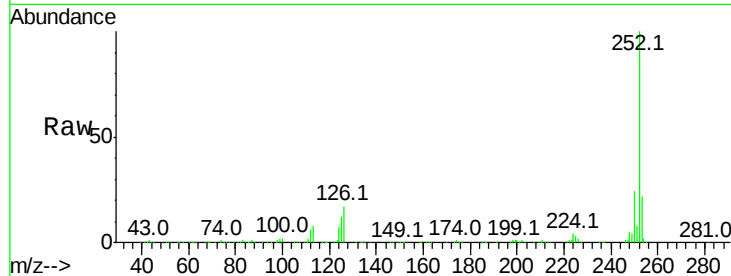
ClientSampleId :

SU-02-061617MS

Tot Ion:	252	Resp:	381614
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	12.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 64.02 ng

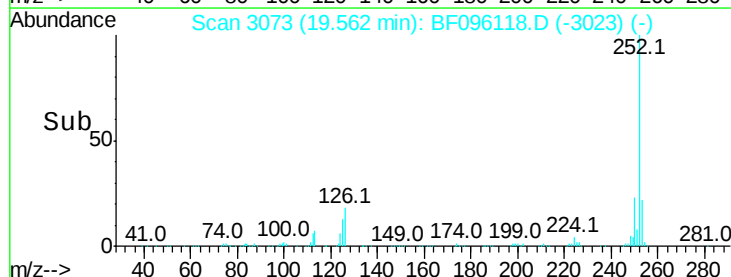
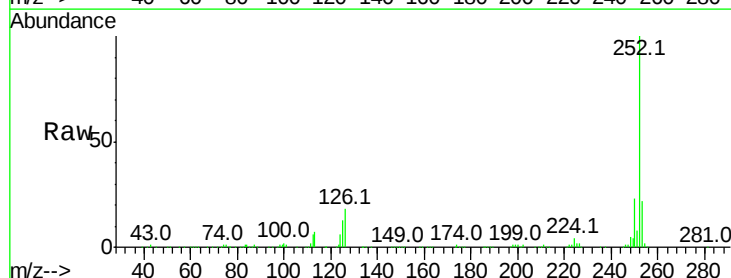
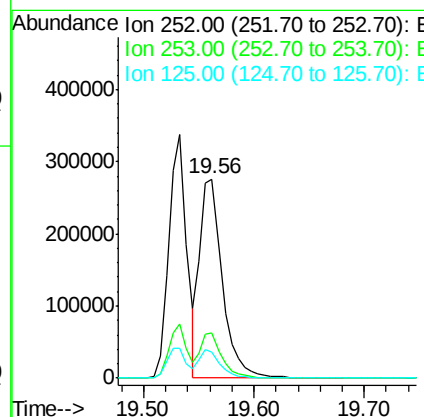
RT: 19.56 min Scan# 3073

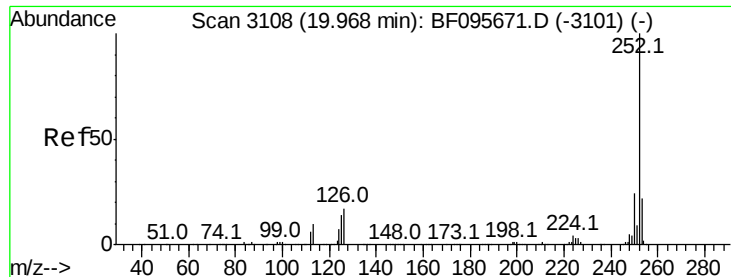
Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:	252	Resp:	385191
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.4	27.6
125	12.8	13.1	19.7#





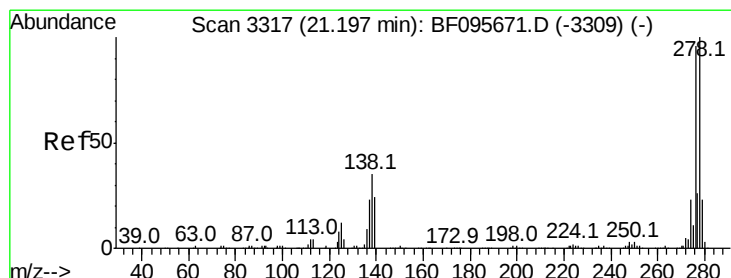
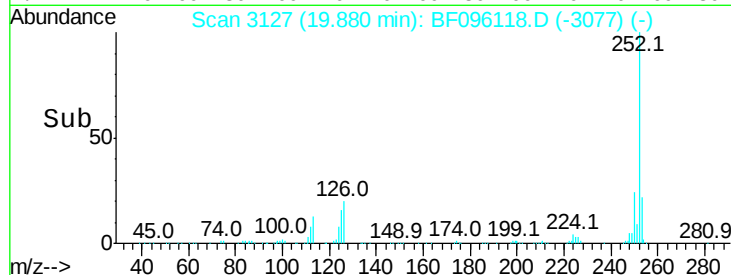
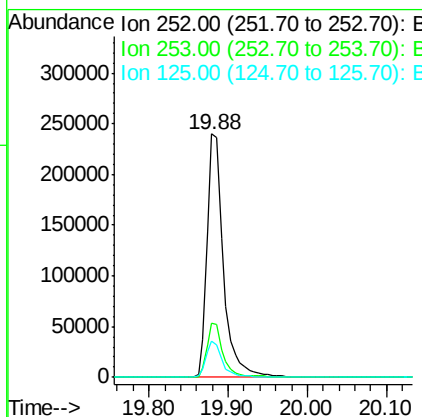
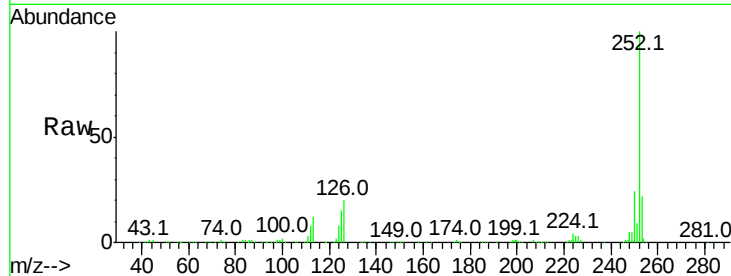
#89
Benzo(a)pyrene
Concen: 60.14 ng
RT: 19.88 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.0	11.0	16.4

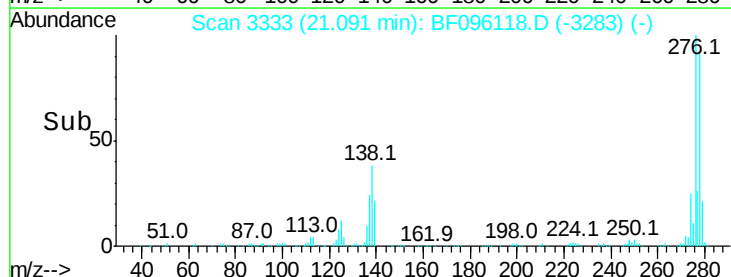
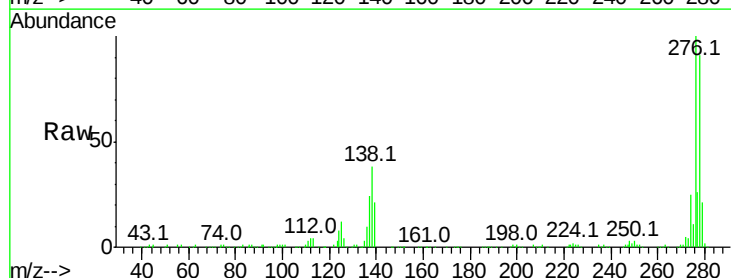
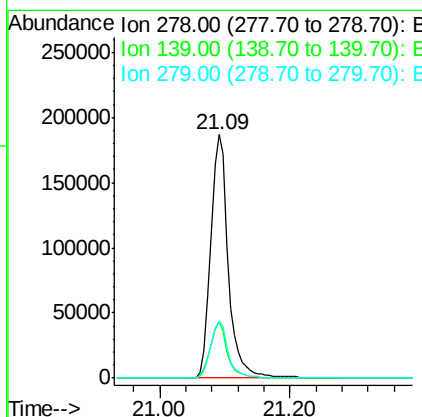
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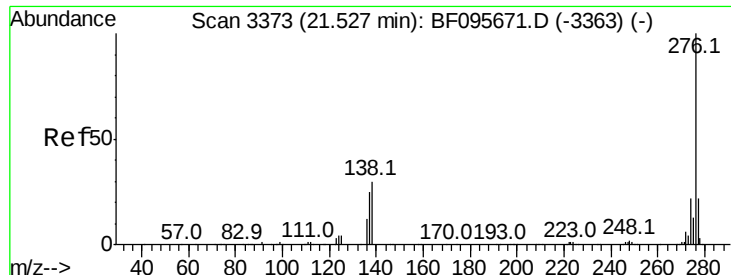
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#90
Dibenzo(a,h)anthracene
Concen: 71.42 ng
RT: 21.09 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	23.2	19.3	28.9





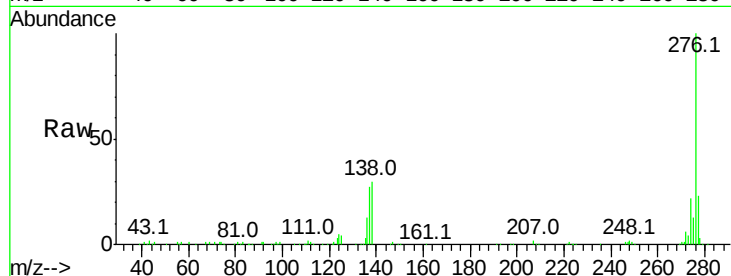
#91
 Benzo(a,h,i)perylene
 Concen: 69.87 ng
 RT: 21.41 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-061617MS

Tot Ion:	276	Resp:	349584
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	29.5	25.4	38.0

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

