

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096009.D
 Acq On : 19 Jun 2017 16:45
 Operator : SJ/MA
 Sample : I3715-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Manual Integrations
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 6/20/2017 4:28:54 PM

Quant Time: Jun 20 01:47:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	68992	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	286140	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	123556	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	202898	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	120142	20.00	ng	-0.02
86) Perylene-d12	19.95	264	117849	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	736159	170.02	ng	-0.01
7) Phenol-d6	6.89	99	852525	164.47	ng	-0.02
23) Nitrobenzene-d5	8.24	82	516978	112.21	ng	-0.01
41) 2,4,6-Tribromophenol	13.46	330	161684	147.90	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	960572	108.19	ng	-0.02
78) Terphenyl-d14	16.93	244	656667	135.65	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.69	88	85600	41.56	ng	96
3) Pyridine	2.22	79	216277m	44.68	ng	
4) n-Nitrosodimethylamine	2.20	42	98941	53.76	ng	82
6) Aniline	6.81	93	231886	34.20	ng	96
8) 2-Chlorophenol	6.99	128	267124	58.02	ng	95
9) Benzaldehyde	6.62	77	75460	21.58	ng	93
10) Phenol	6.90	94	334552	62.22	ng	90
11) bis(2-Chloroethyl)ether	6.96	93	233284	54.77	ng	95
12) 1,3-Dichlorobenzene	7.20	146	274980	52.77	ng	98
13) 1,4-Dichlorobenzene	7.33	146	278743	52.75	ng	96
14) 1,2-Dichlorobenzene	7.56	146	264057	54.20	ng	96
15) Benzyl Alcohol	7.62	79	211836	59.54	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.80	45	339476	56.72	ng	98
17) 2-Methylphenol	7.85	107	222787	57.67	ng	94
18) Hexachloroethane	8.08	117	95375	54.65	ng	# 87
19) n-Nitroso-di-n-propylamine	8.05	70	187507	57.08	ng	93
20) 3+4-Methylphenols	8.12	107	284778	58.07	ng	# 59
22) Acetophenone	8.00	105	369819	55.22	ng	# 84
24) Nitrobenzene	8.26	77	264501	53.74	ng	92
25) Isophorone	8.66	82	470691	54.71	ng	95
26) 2-Nitrophenol	8.77	139	148098	57.46	ng	98
27) 2,4-Dimethylphenol	8.93	122	210426	52.61	ng	98
28) bis(2-Chloroethoxy)methane	9.05	93	311178	54.87	ng	99
29) 2,4-Dichlorophenol	9.20	162	217685	56.51	ng	99
30) 1,2,4-Trichlorobenzene	9.27	180	216725	54.07	ng	99
31) Naphthalene	9.37	128	750621	52.27	ng	100
32) Benzoic acid	9.25	122	20522	12.45	ng	91
33) 4-Chloroaniline	9.54	127	113061	20.14	ng	# 91
34) Hexachlorobutadiene	9.59	225	112145	54.15	ng	99
35) Caprolactam	10.17	113	63027m	54.99	ng	
36) 4-Chloro-3-methylphenol	10.42	107	220984	54.80	ng	94
37) 2-Methylnaphthalene	10.50	142	511915	52.76	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	200976	54.35	ng	99
40) Hexachlorocyclopentadiene	10.75	237	66609	60.63	ng	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	132059	55.55	nq	98
43) 2,4,5-Trichlorophenol	11.11	196	123125	48.69	nq	91
45) 1,1'-Biphenyl	11.27	154	552082	54.21	nq	98
46) 2-Chloronaphthalene	11.28	162	426716	53.63	nq	95
47) 2-Nitroaniline	11.51	65	125669	53.97	nq	# 83
48) Acenaphthylene	11.93	152	649602	47.75	nq	98
49) Dimethylphthalate	11.83	163	623414	66.45	nq	98
50) 2,6-Dinitrotoluene	11.93	165	102090	49.89	nq	# 66
51) Acenaphthene	12.22	154	396758	50.49	nq	99
52) 3-Nitroaniline	12.19	138	76692	32.17	nq	93
53) 2,4-Dinitrophenol	12.43	184	55406m	50.43	nq	
54) Dibenzofuran	12.50	168	599694	54.22	nq	98
55) 4-Nitrophenol	12.62	139	116699	83.62	nq	# 78
56) 2,4-Dinitrotoluene	12.60	165	147255	53.28	nq	# 89
57) Fluorene	13.06	166	471306	48.97	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.76	232	95065	54.94	nq	# 90
59) Diethylphthalate	12.97	149	481409	53.32	nq	99
60) 4-Chlorophenyl-phenylether	13.08	204	213123	50.92	nq	92
61) 4-Nitroaniline	13.20	138	102132	45.88	nq	97
62) Azobenzene	13.34	77	443495	54.20	nq	95
64) 4,6-Dinitro-2-methylphenol	13.27	198	53729	40.29	nq	# 76
65) n-Nitrosodiphenylamine	13.30	169	403263	55.31	nq	99
66) 4-Bromophenyl-phenylether	13.86	248	118695	56.29	nq	98
67) Hexachlorobenzene	13.94	284	114617	55.16	nq	# 88
68) Atrazine	14.23	200	121766	60.01	nq	97
69) Pentachlorophenol	14.32	266	63149	80.14	nq	96
70) Phenanthrene	14.59	178	622135	53.14	nq	98
71) Anthracene	14.67	178	641286	52.47	nq	98
72) Carbazole	14.98	167	581767	48.84	nq	97
73) Di-n-butylphthalate	15.57	149	735862	58.07	nq	98
74) Fluoranthene	16.37	202	558573	48.21	nq	99
76) Benzidine	16.61	184	138804	30.08	nq	# 94
77) Pyrene	16.67	202	551669	61.54	nq	99
79) Butylbenzylphthalate	17.60	149	254346	64.97	nq	# 85
80) Benzo(a)anthracene	18.26	228	376694	53.93	nq	98
81) 3,3'-Dichlorobenzidine	18.25	252	107643	43.34	nq	# 96
82) Chrysene	18.31	228	370201	53.03	nq	97
83) Bis(2-ethylhexyl)phthalate	18.35	149	345910	62.64	nq	# 100
84) Di-n-octyl phthalate	19.12	149	523796	57.56	nq	96
85) Indeno(1,2,3-cd)pyrene	21.10	276	394560	66.06	nq	99
87) Benzo(b)fluoranthene	19.54	252	388082	52.59	nq	97
88) Benzo(k)fluoranthene	19.57	252	342570m	48.57	nq	
89) Benzo(a)pyrene	19.89	252	364217	53.70	nq	99
90) Dibenzo(a,h)anthracene	21.10	278	334776	58.19	nq	99
91) Benzo(g,h,i)perylene	21.43	276	336266	57.33	nq	96

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

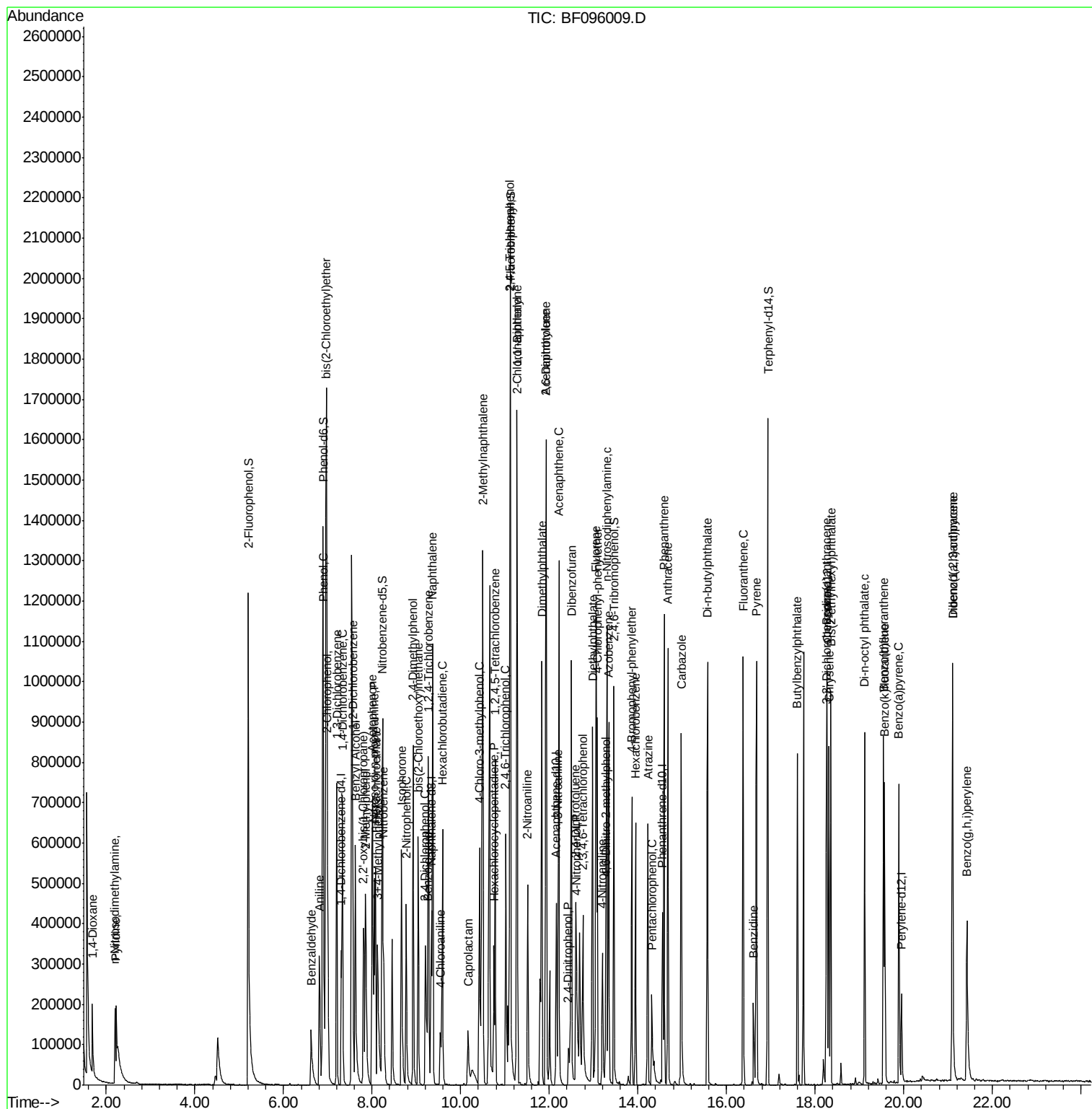
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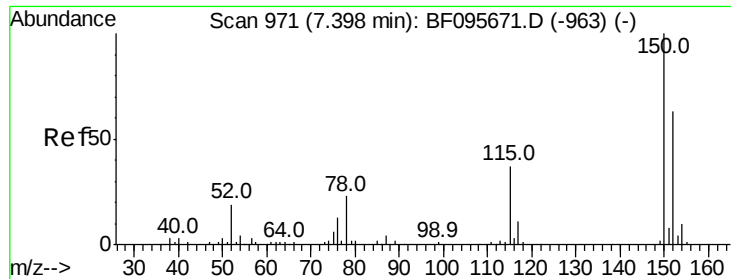
Instrument :
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#1

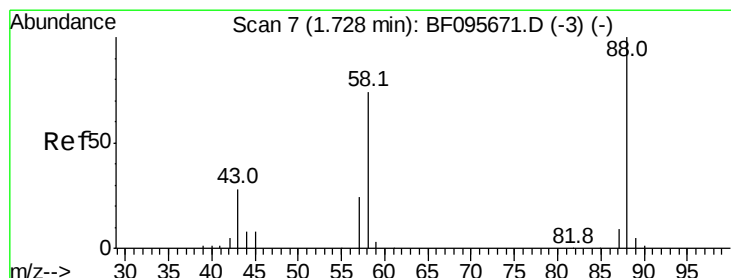
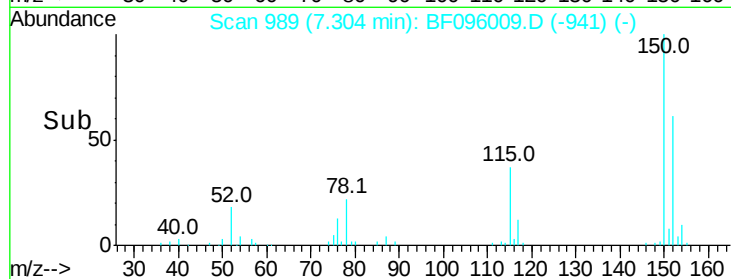
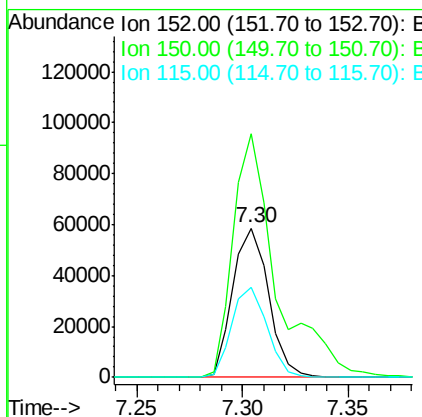
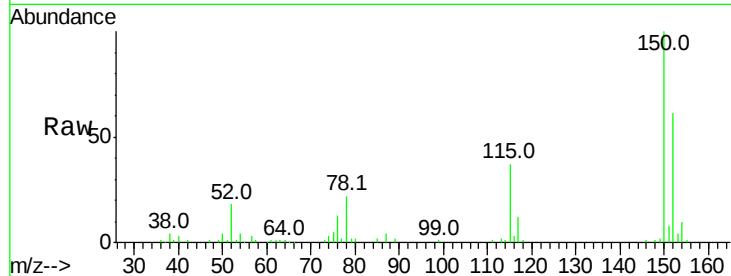
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	126.2	189.2
115	59.9	52.2	78.2

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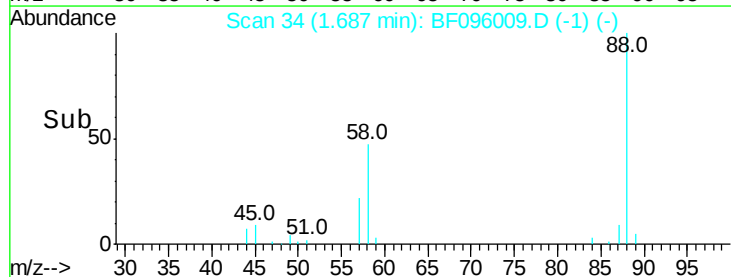
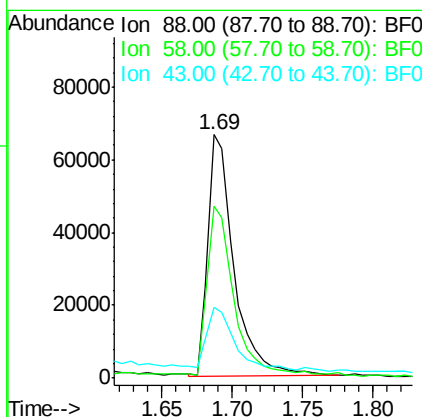
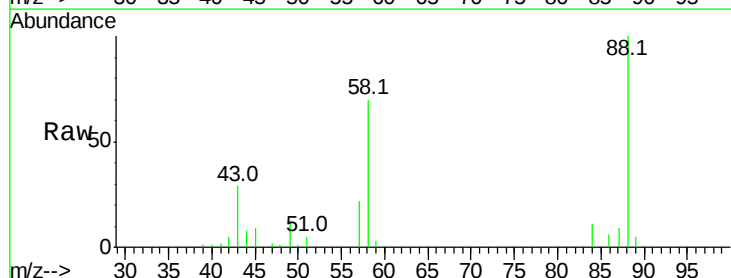
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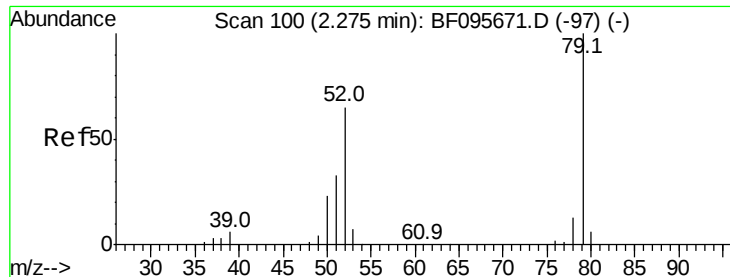


#2

1,4-Dioxane
Concen: 41.56 ng
RT: 1.69 min Scan# 34
Delta R.T. 0.05 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	61.4	92.0
43	28.2	23.4	35.0





#3

Pvridine

Concen: 44.68 ng/ml

RT: 2.22 min Scan# 125

Delta R.T. 0.05 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

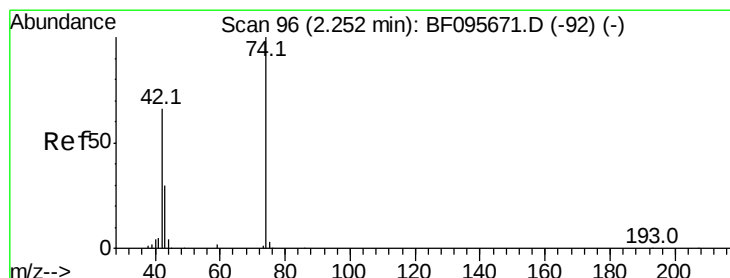
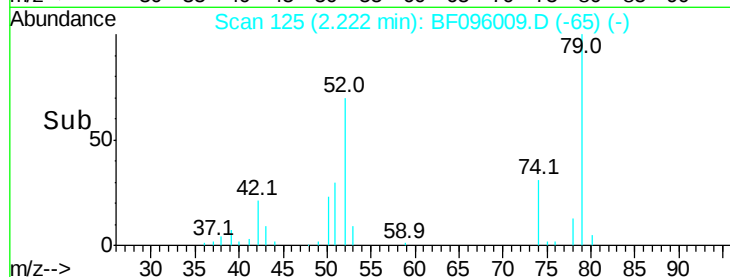
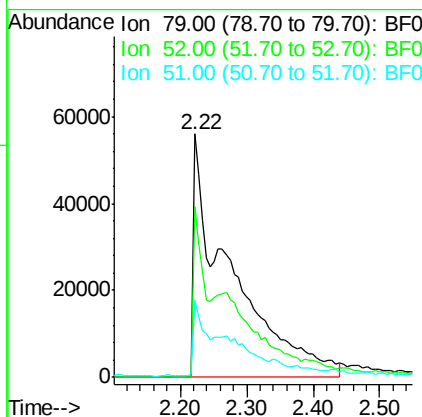
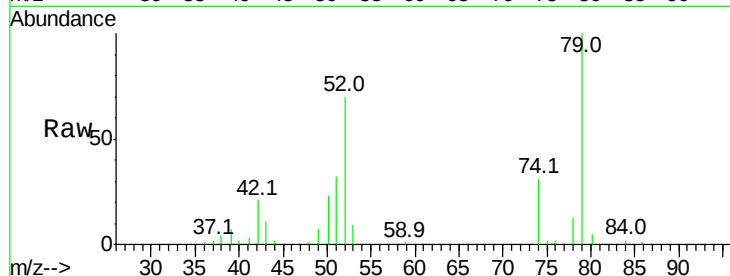
ClientSampleId :

WC061417-1MSD

Tot Ion:	79	Resp:	216277
Ion Ratio	Lower	Upper	
79	100		
52	69.8	54.8	82.2
51	31.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 53.76 ng/ml

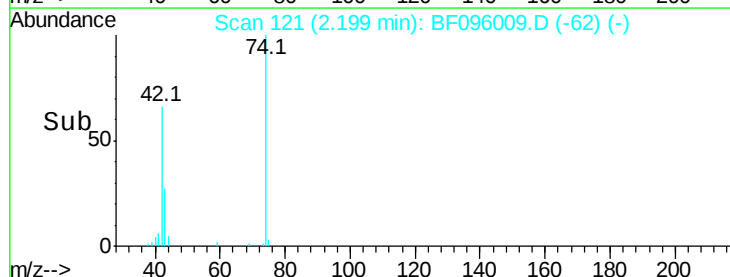
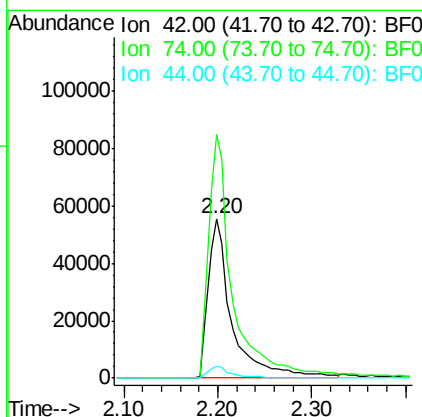
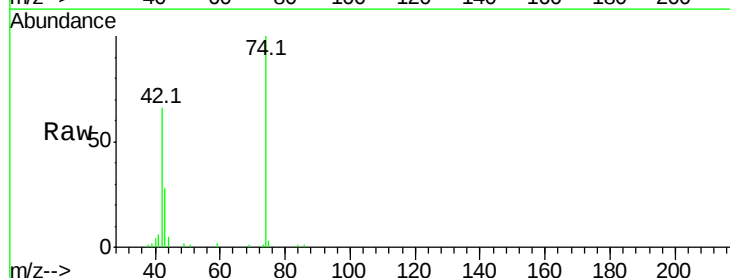
RT: 2.20 min Scan# 121

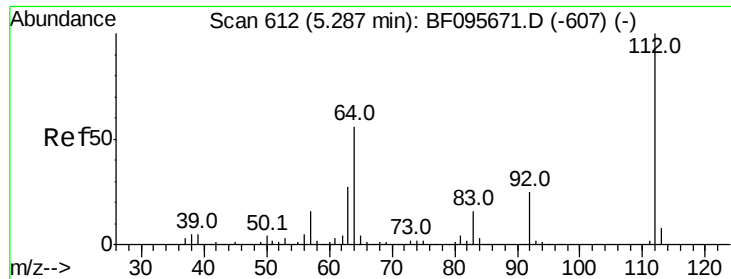
Delta R.T. 0.05 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:	42	Resp:	98941
Ion Ratio	Lower	Upper	
42	100		
74	152.5	103.9	155.9
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 170.02 ng

RT: 5.20 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

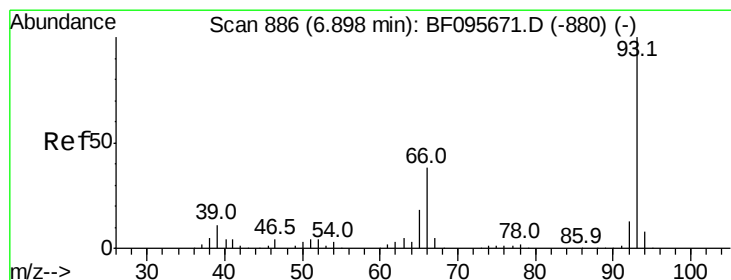
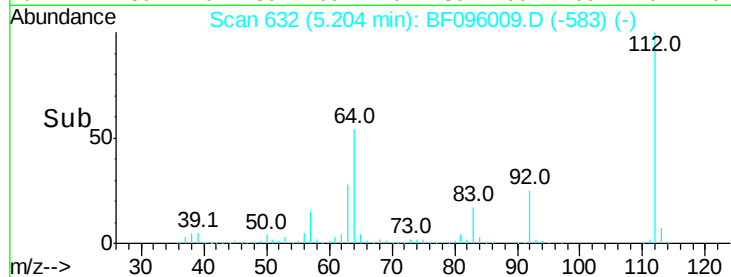
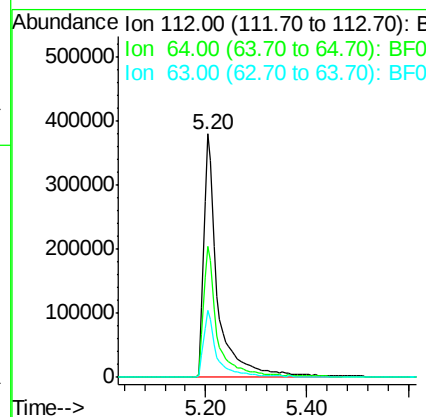
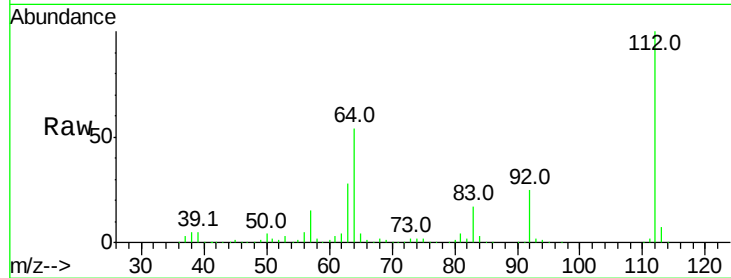
ClientSampleId :

WC061417-1MSD

Tot Ion:	112	Resp:	736159
Ion Ratio	Lower	Upper	
112	100		
64	53.9	46.0	69.0
63	27.8	23.4	35.0

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#6

Aniline

Concen: 34.20 ng

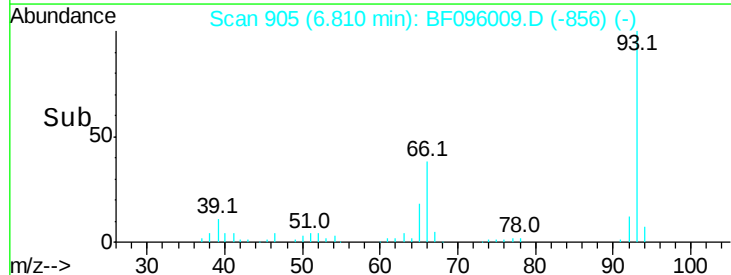
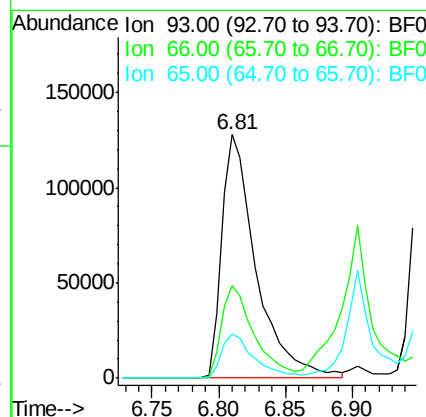
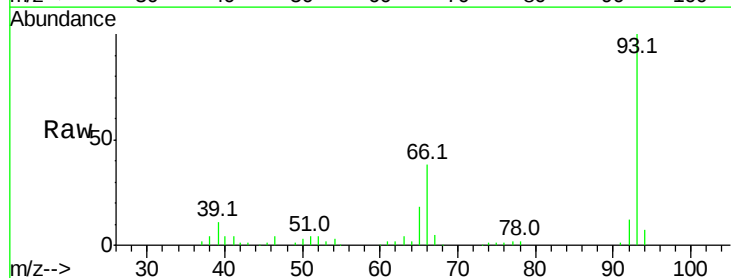
RT: 6.81 min Scan# 905

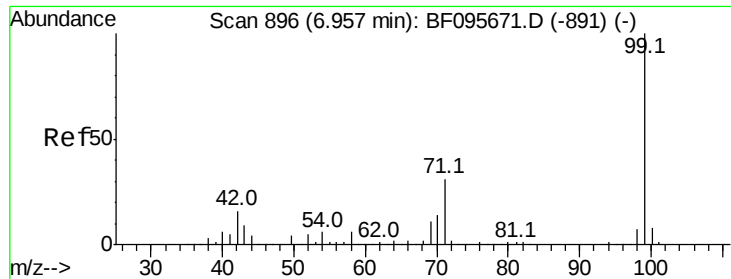
Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:	93	Resp:	231886
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 164.47 ng

RT: 6.89 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

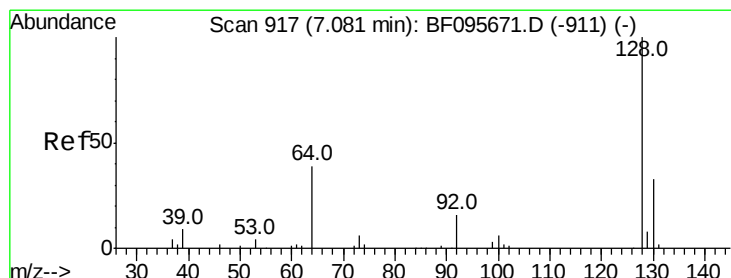
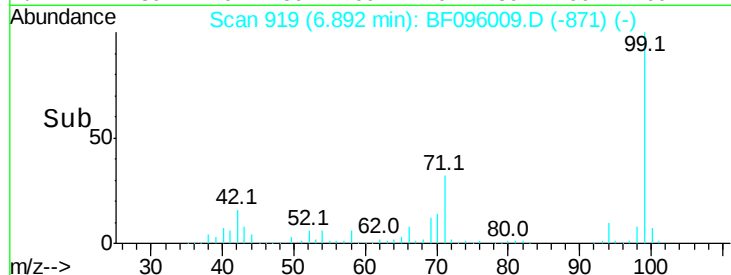
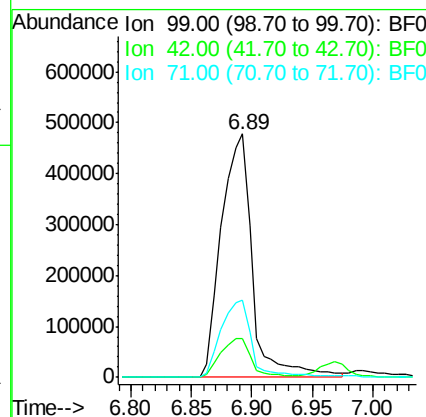
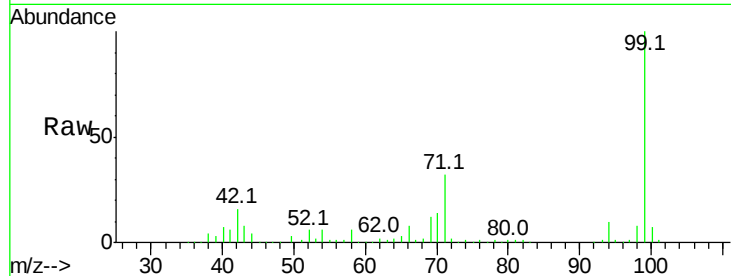
ClientSampleId :

WC061417-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		852525		
42	16.1	13.5	20.3		
71	31.7	24.5	36.7		

Manual Integrations
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#8

2-Chlorophenol

Concen: 58.02 ng

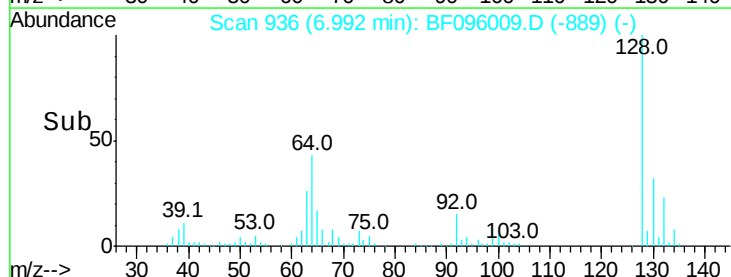
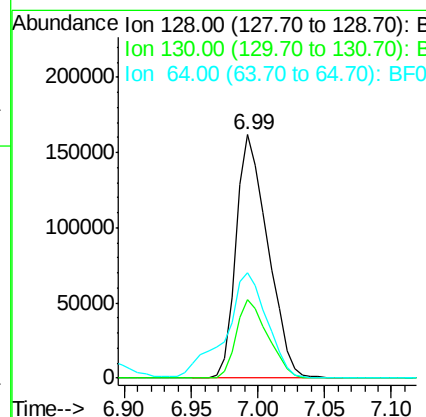
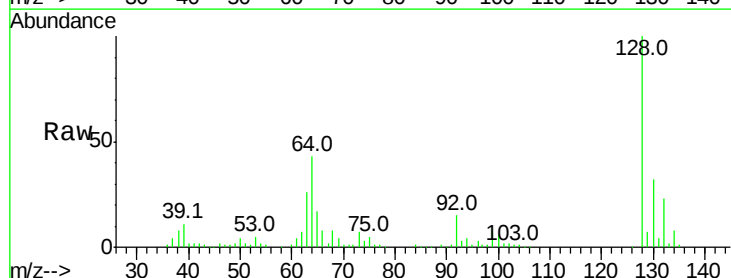
RT: 6.99 min Scan# 936

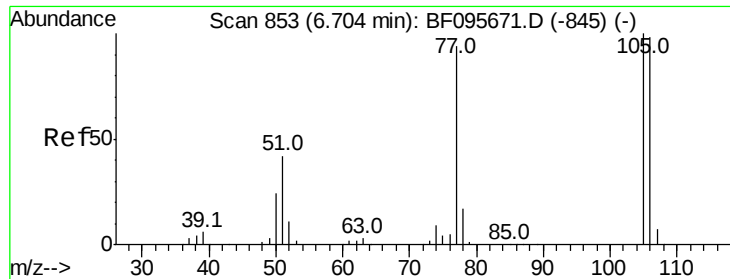
Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		267124		
130	32.4	12.9	52.9		
64	43.4	28.4	68.4		





#9

Benzaldehyde

Concen: 21.58 ng

RT: 6.62 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

WC061417-1MSD

Tot Ion: 77 Resp: 75460

Ion Ratio Lower Upper

77 100

105 113.0 83.8 123.8

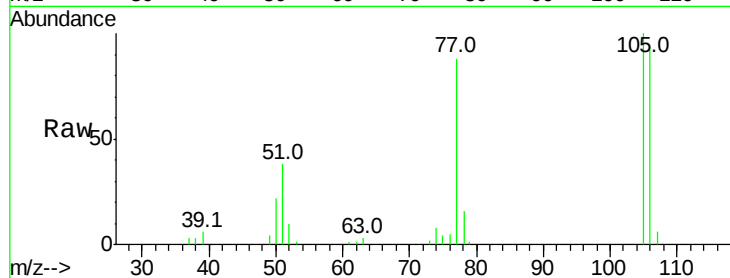
106 103.8 79.1 119.1

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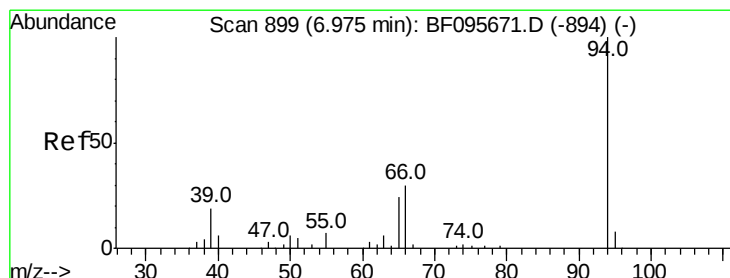
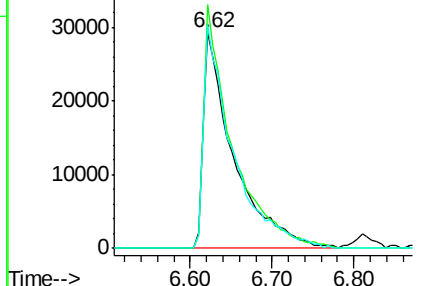
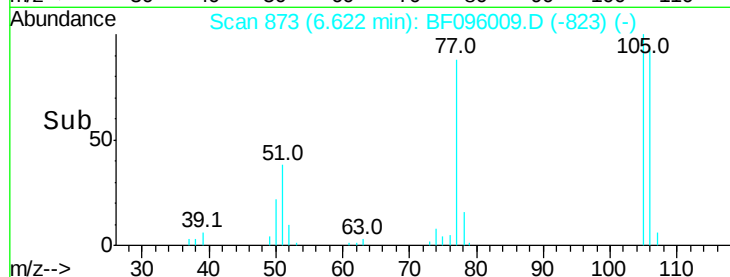
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 62.22 ng

RT: 6.90 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

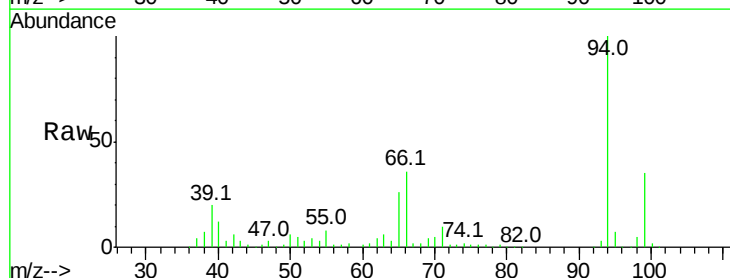
Tgt Ion: 94 Resp: 334552

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

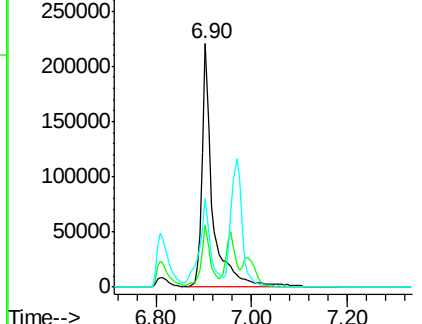
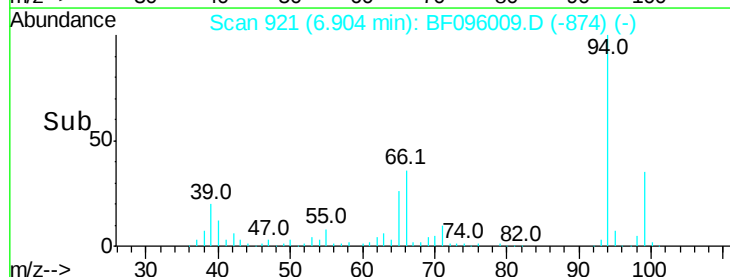
66 36.2 23.1 63.1

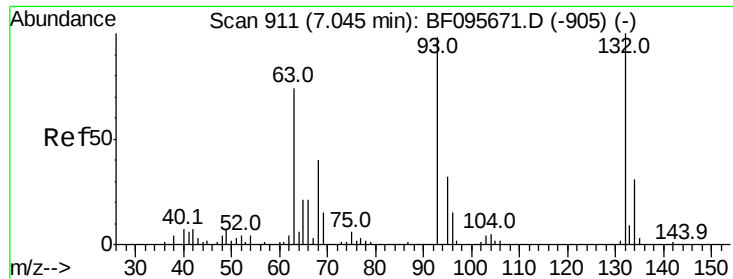


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





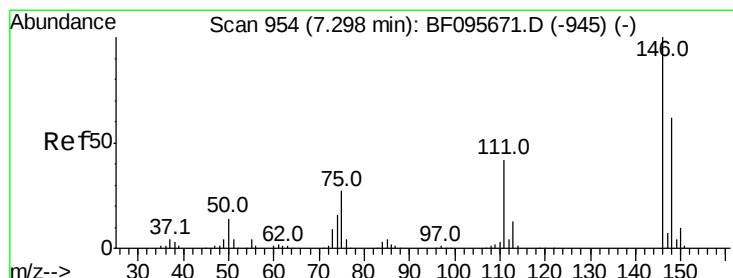
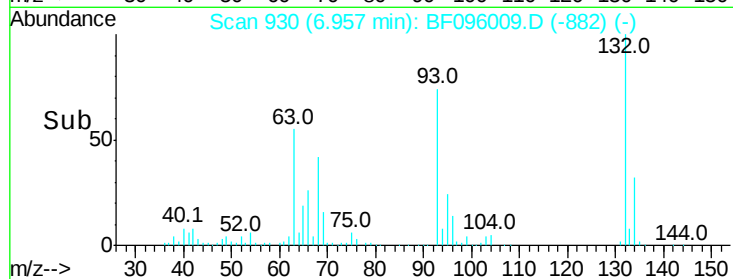
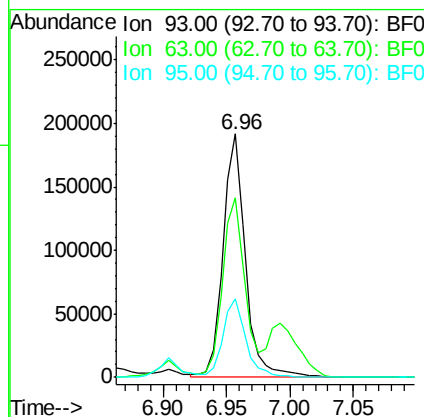
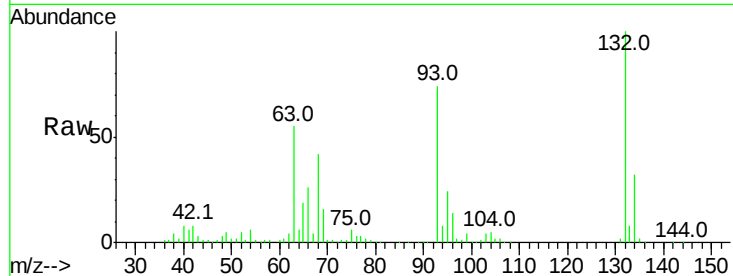
#11
bis(2-Chloroethyl)ether
Concen: 54.77 ng
RT: 6.96 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	233284		
63	73.9	59.2	99.2	
95	32.0	12.8	52.8	

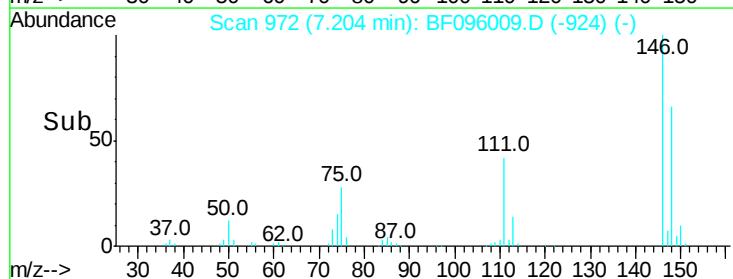
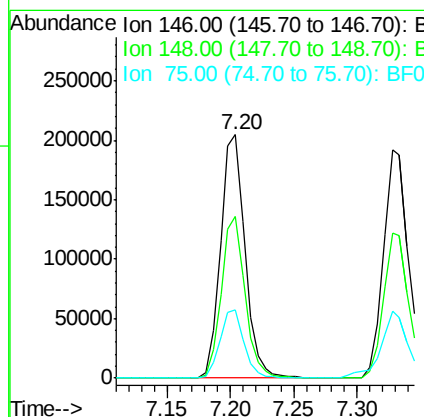
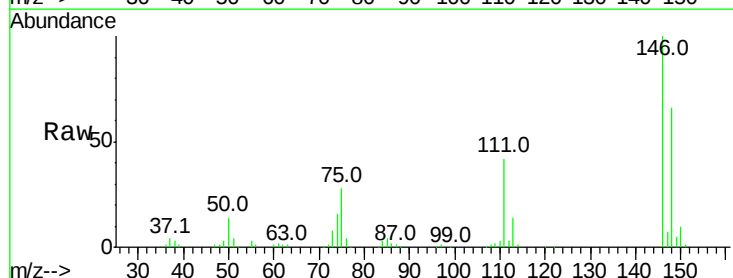
Manual Integrations
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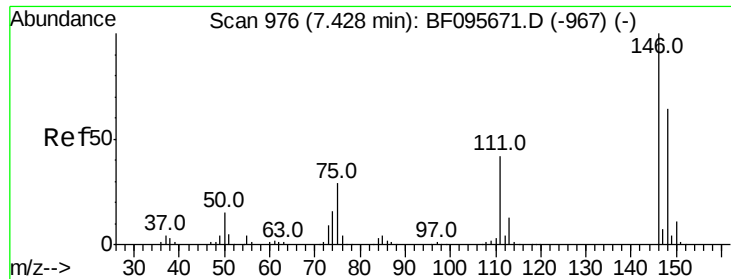
mohammad
6/20/2017 4:28:54 PM



#12
1,3-Dichlorobenzene
Concen: 52.77 ng
RT: 7.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	274980		
148	66.5	51.8	77.6	
75	27.9	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 52.75 ng

RT: 7.33 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

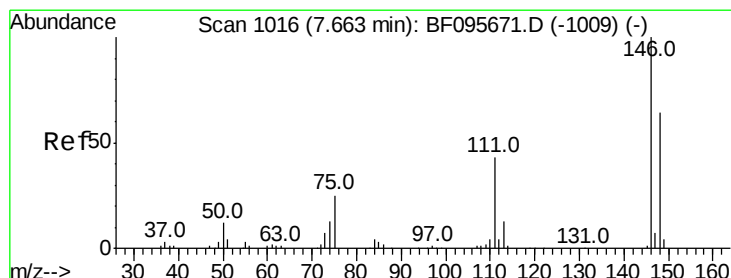
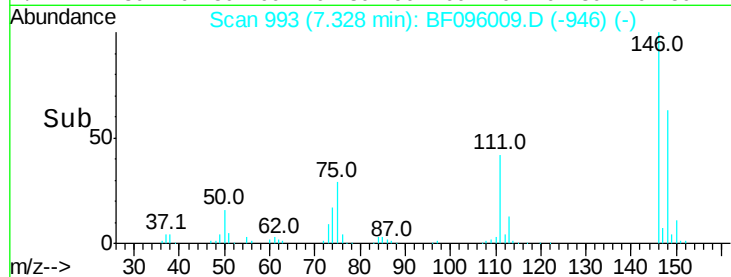
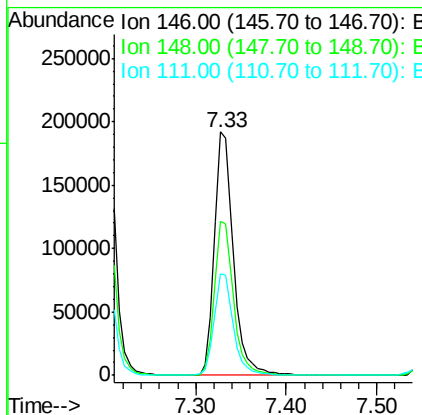
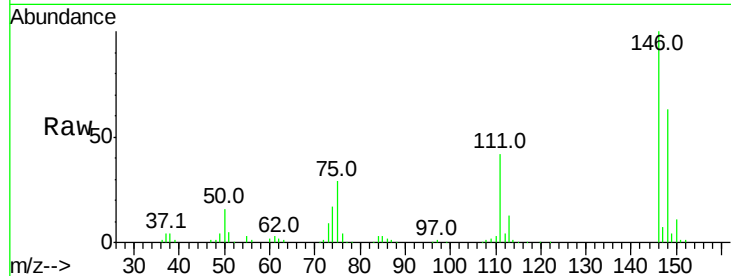
ClientSampleId :

WC061417-1MSD

Tot Ion:	146	Resp:	278743
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.2	78.2
111	41.9	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 54.20 ng

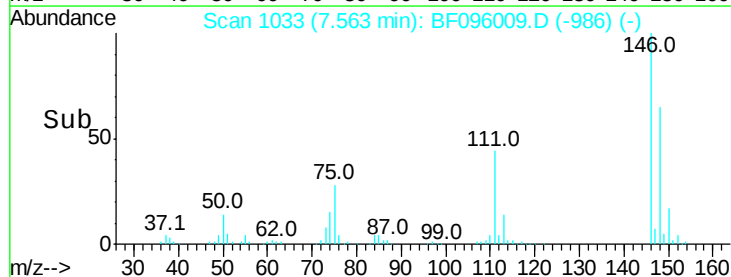
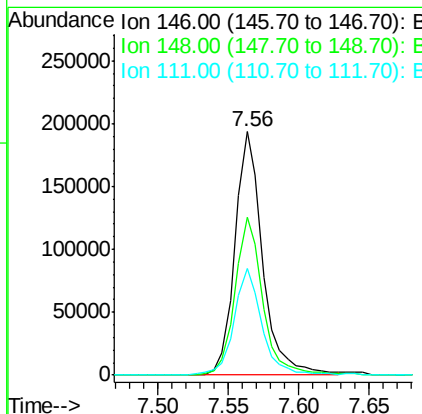
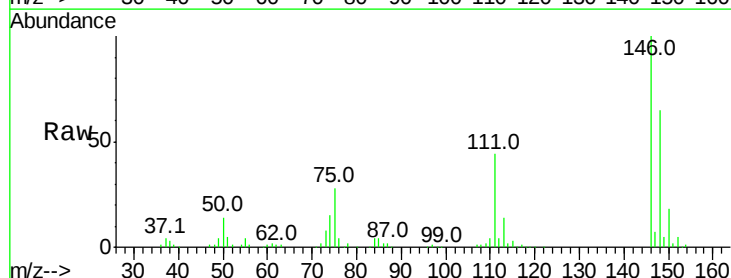
RT: 7.56 min Scan# 1033

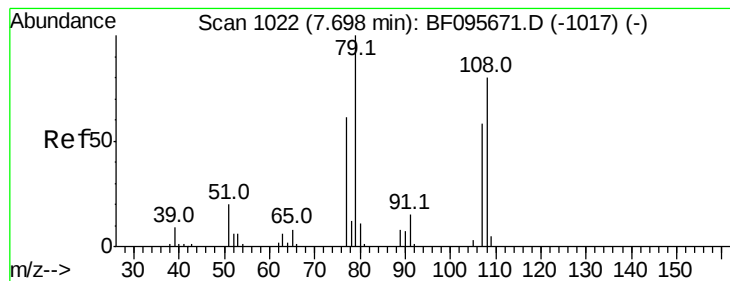
Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:	146	Resp:	264057
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.4	75.6
111	43.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 59.54 ng

RT: 7.62 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

WC061417-1MSD

Tot Ion: 79 Resp: 211836

Ion Ratio Lower Upper

79 100

108 83.5 63.4 95.0

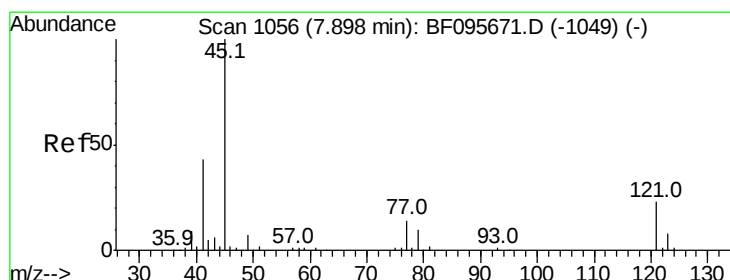
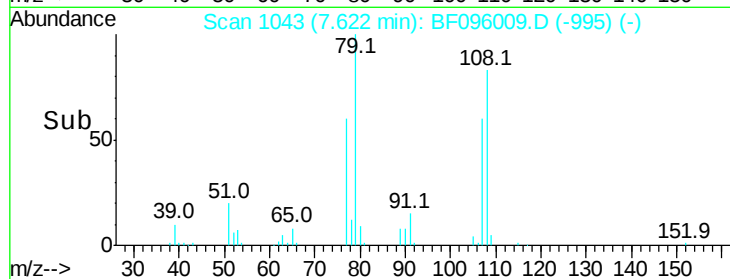
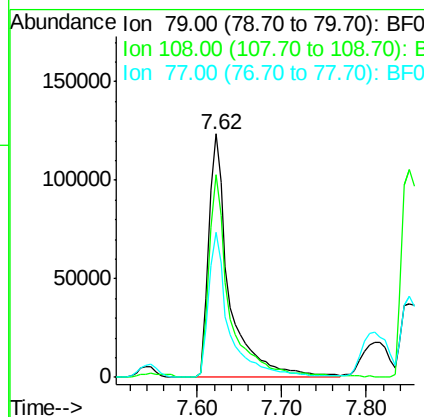
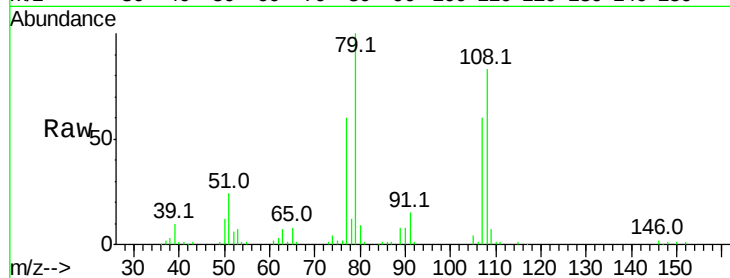
77 59.8 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 56.72 ng

RT: 7.80 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

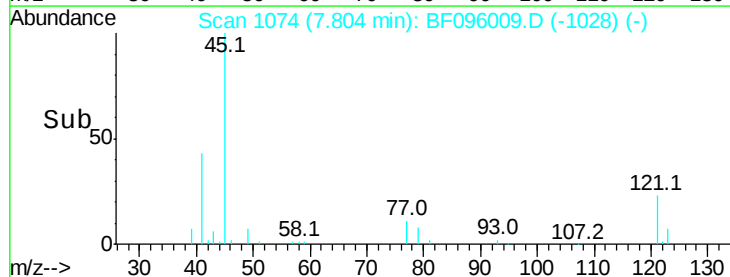
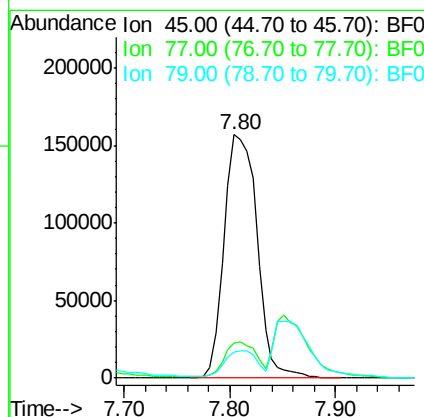
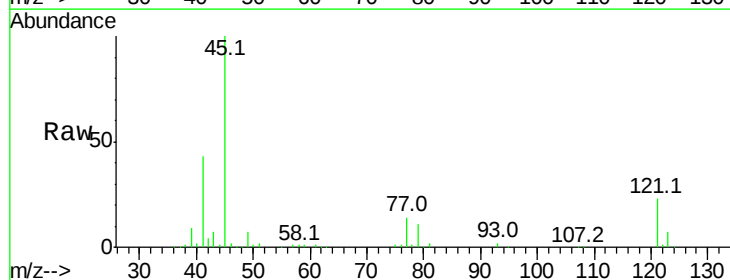
Tgt Ion: 45 Resp: 339476

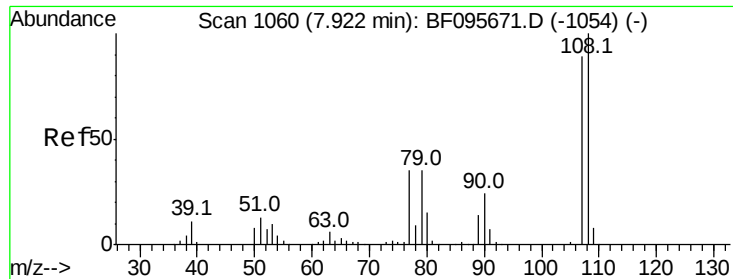
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.2

79 10.6 0.0 30.0





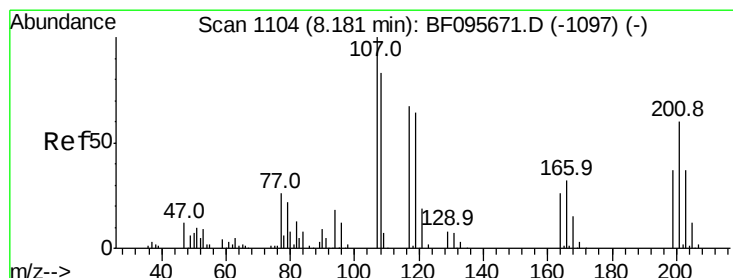
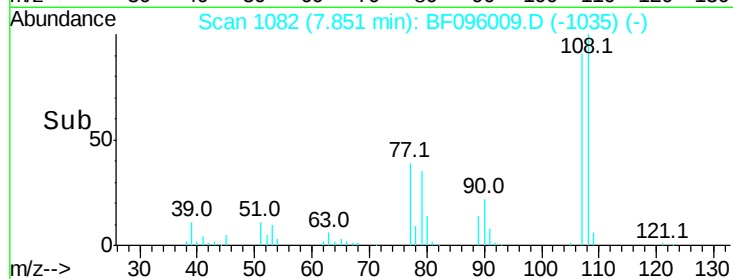
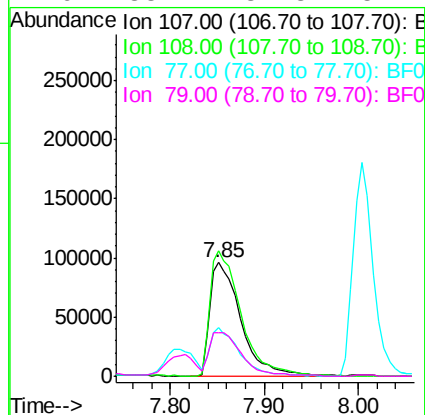
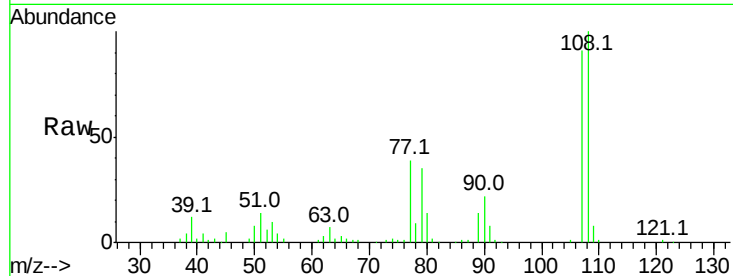
#17
2-Methylphenol
Concen: 57.67 ng
RT: 7.85 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleID :
WC061417-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	109.8	93.4	140.0	
77	77	42.5	35.8	53.6	
79	79	38.4	34.8	52.2	

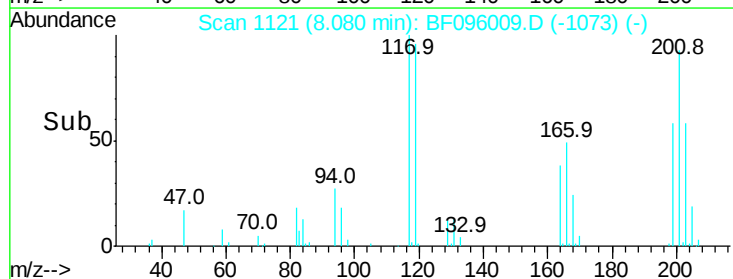
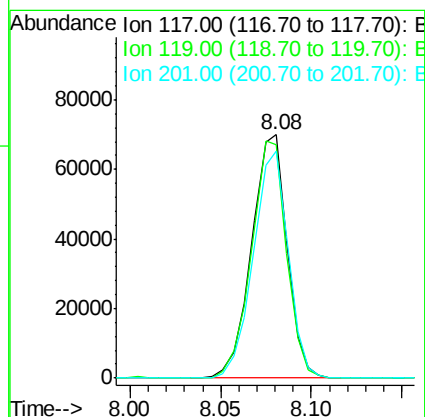
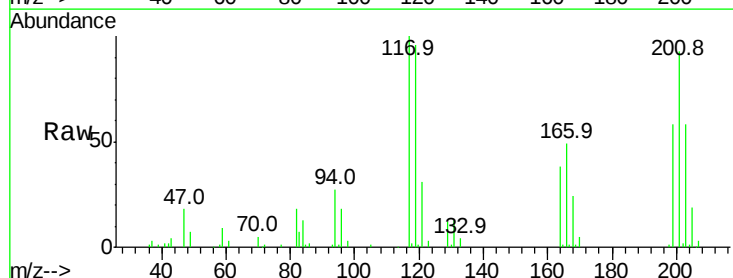
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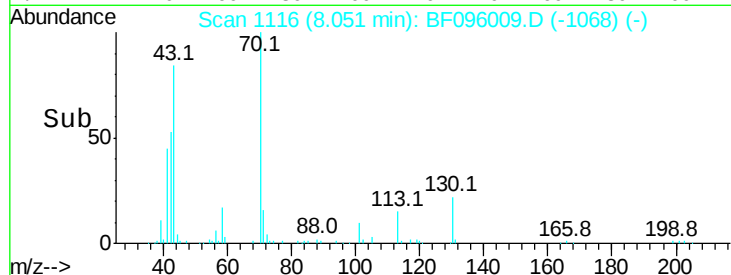
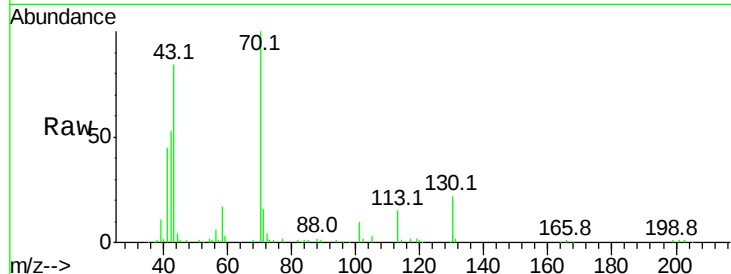
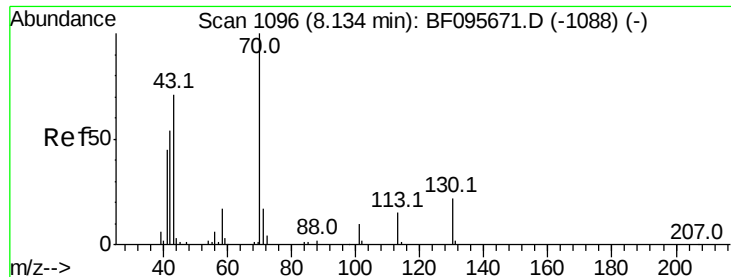
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#18
Hexachloroethane
Concen: 54.65 ng
RT: 8.08 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	96.1	77.4	116.0	
201	201	93.4	94.6	141.8#	





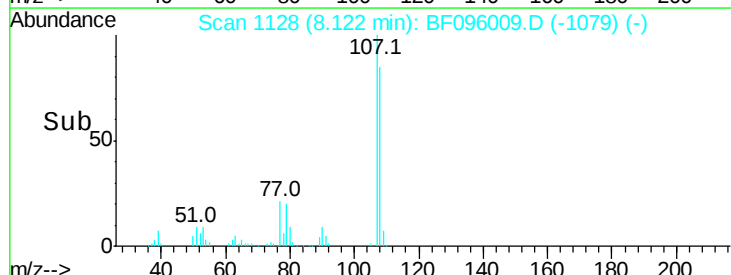
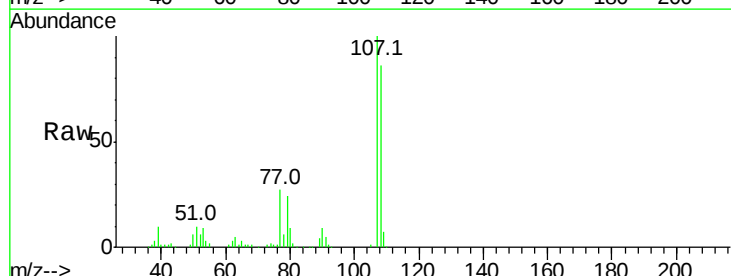
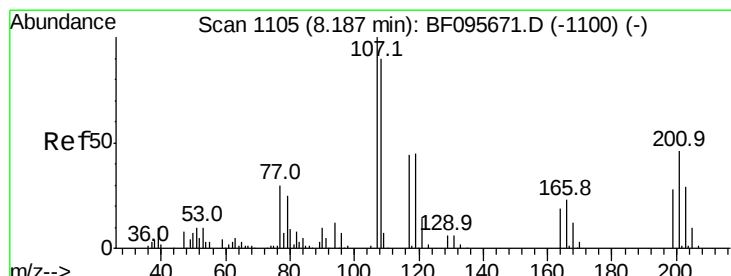
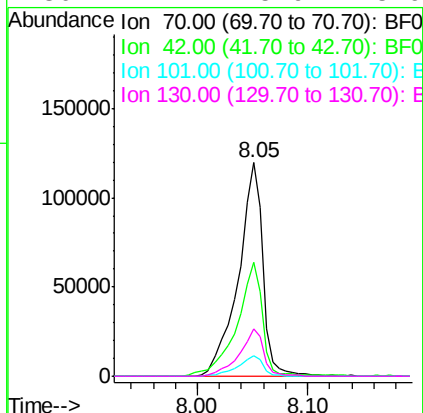
#19
n-Nitroso-di-n-propylamine
Concen: 57.08 ng
RT: 8.05 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.3	47.2	70.8	
101	9.8	7.2	10.8	
130	22.4	15.9	23.9	

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

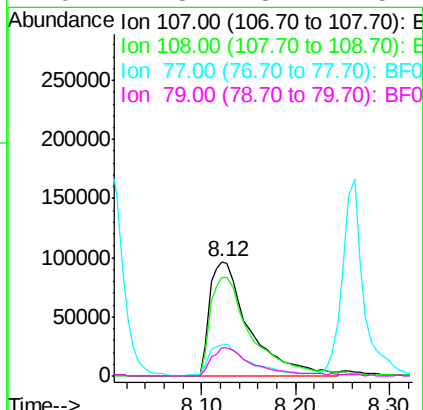
Manual Integrations
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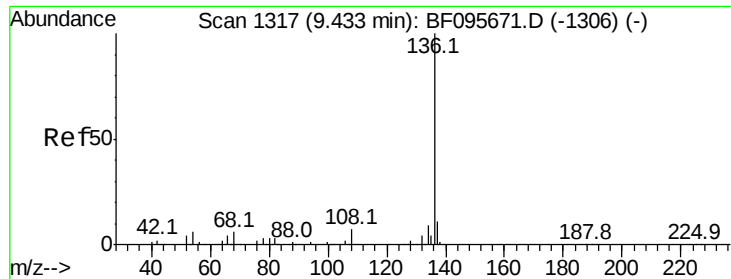
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#20
3+4-Methylphenols
Concen: 58.07 ng
RT: 8.12 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.8	71.0	111.0	
77	26.8	90.5	130.5#	
79	24.3	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

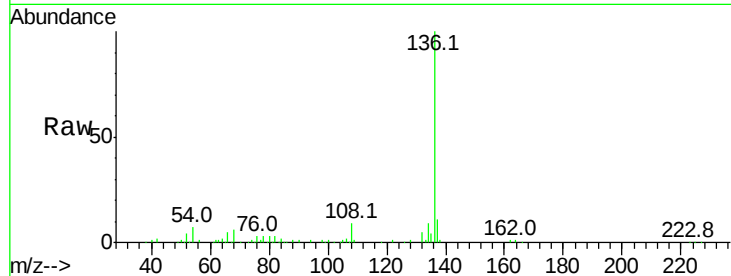
ClientSampleId :

WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	7.4	4.9	7.3	
68	5.7	4.1	6.1	

Manual Integrations
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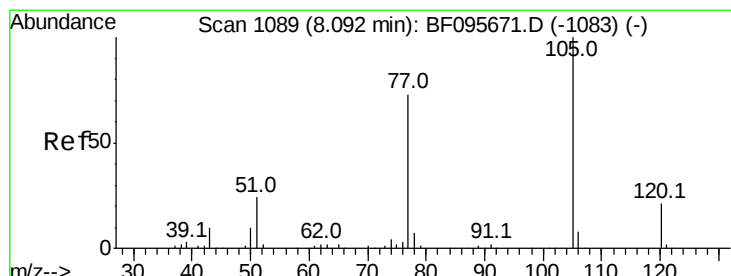
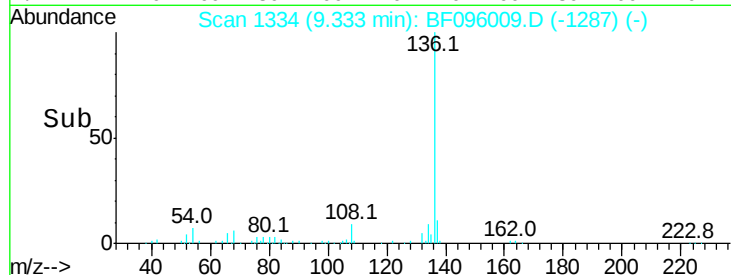
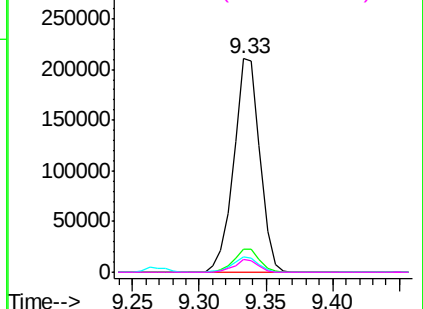
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 55.22 ng

RT: 8.00 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2	
51	23.3	30.7	46.1	
120	20.7	17.4	26.0	

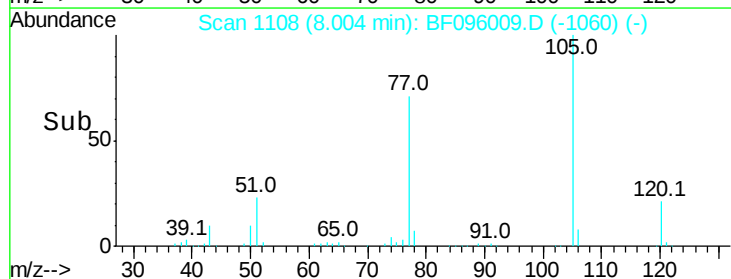
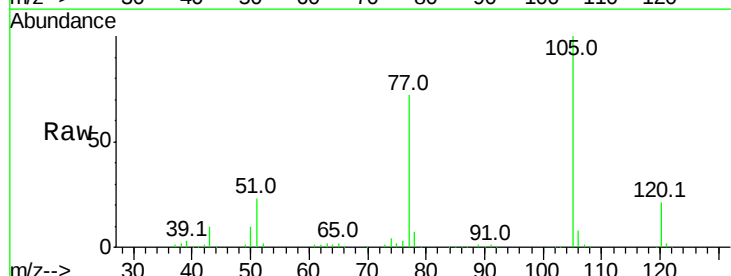
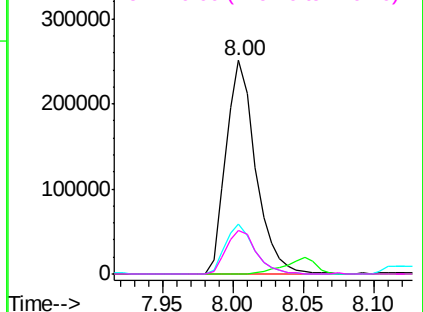
Abundance

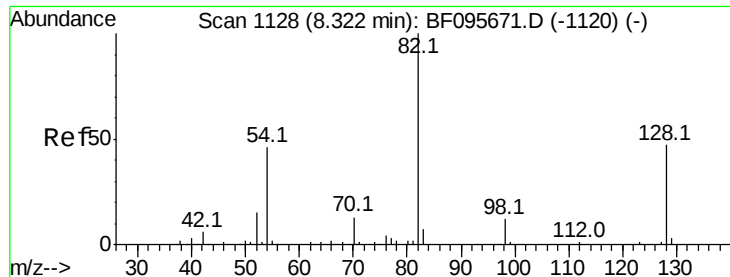
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





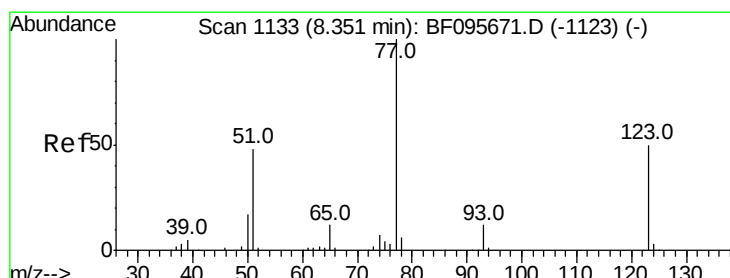
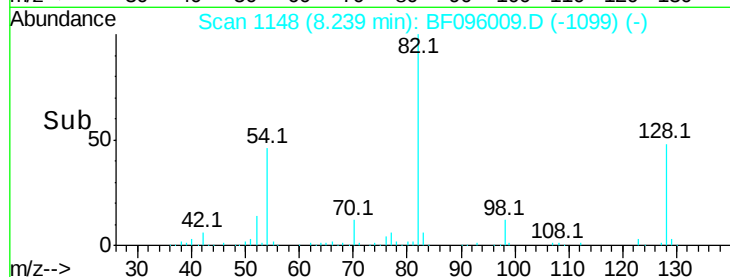
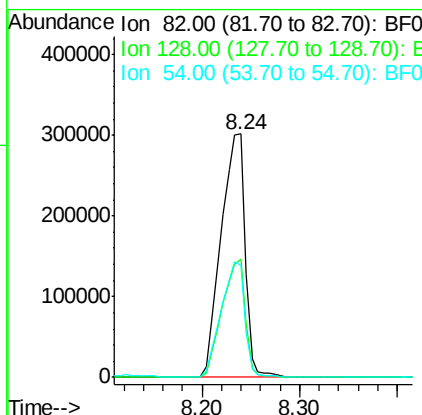
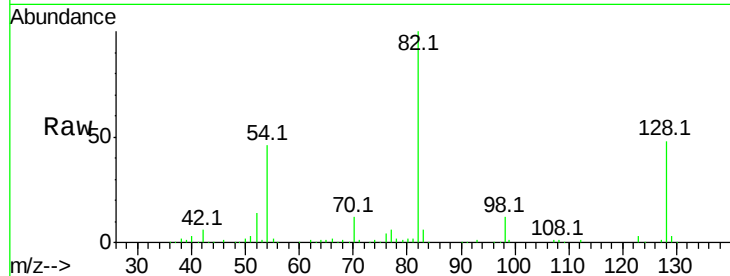
#23
Nitrobenzene-d5
Concen: 112.21 ng
RT: 8.24 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.5	34.0	51.0	
54	46.1	42.2	63.2	

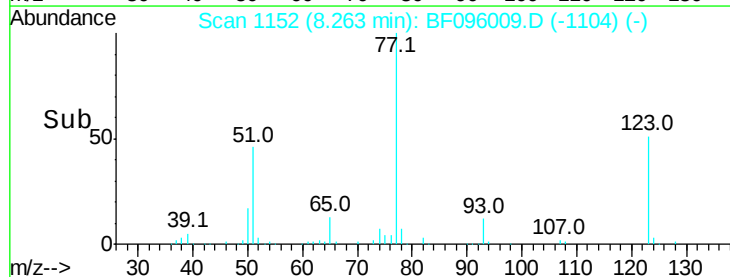
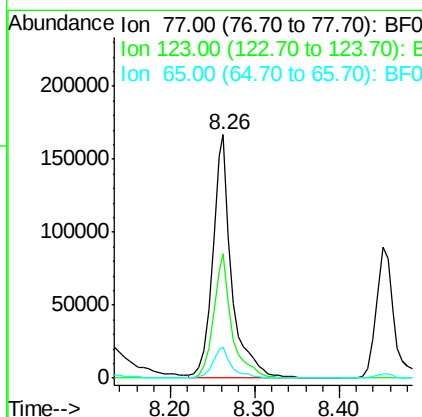
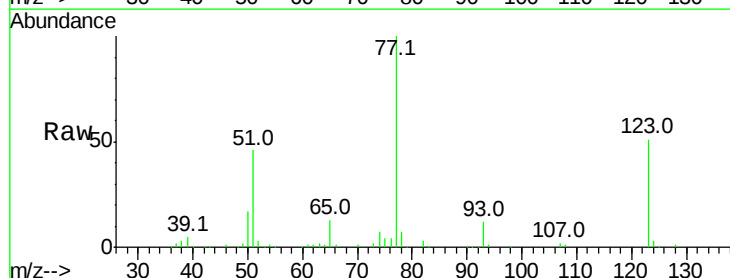
Manual Integrations
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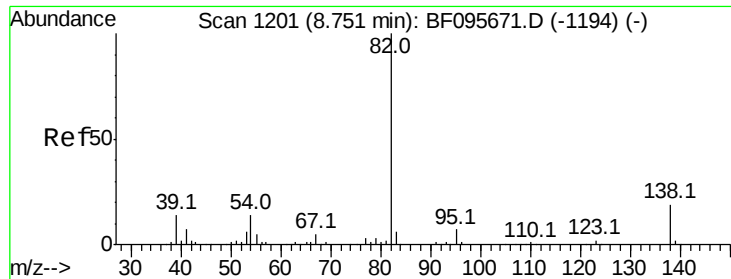
mohammad
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#24
Nitrobenzene
Concen: 53.74 ng
RT: 8.26 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	35.8	53.8	
65	12.6	10.6	15.8	





#25

Isophorone

Concen: 54.71 ng

RT: 8.66 min Scan# 1220

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

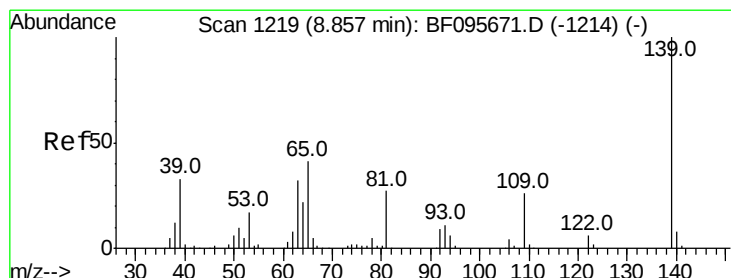
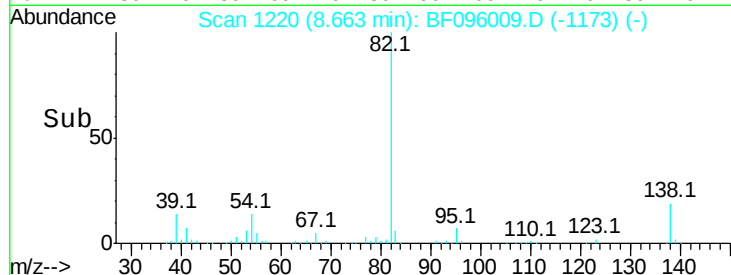
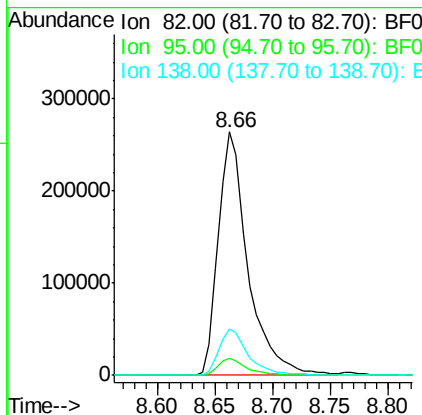
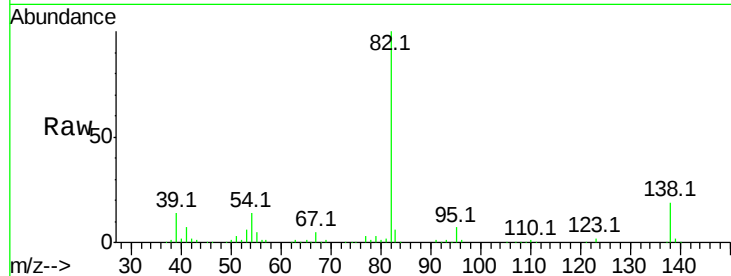
ClientSampleId :

WC061417-1MSD

Tot Ion:	82	Resp:	470691
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	18.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 57.46 ng

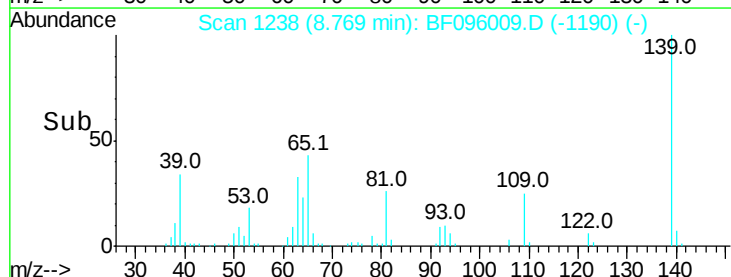
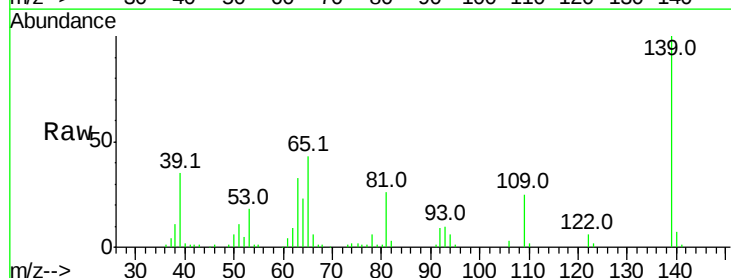
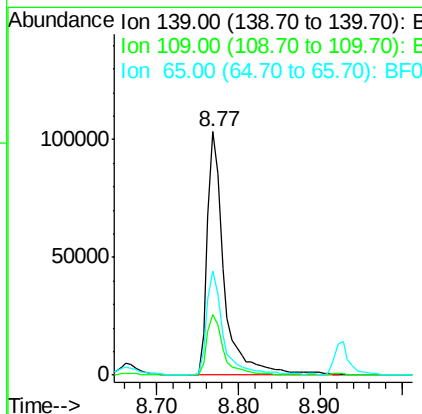
RT: 8.77 min Scan# 1238

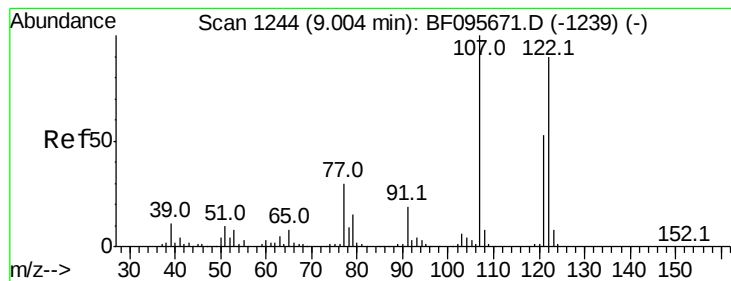
Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:	139	Resp:	148098
Ion Ratio	Lower	Upper	
139	100		
109	24.8	21.0	31.6
65	42.6	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 52.61 ng

RT: 8.93 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

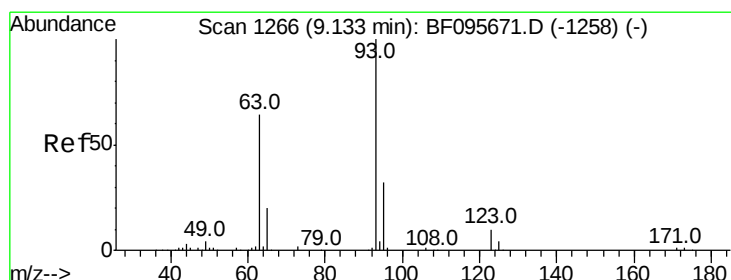
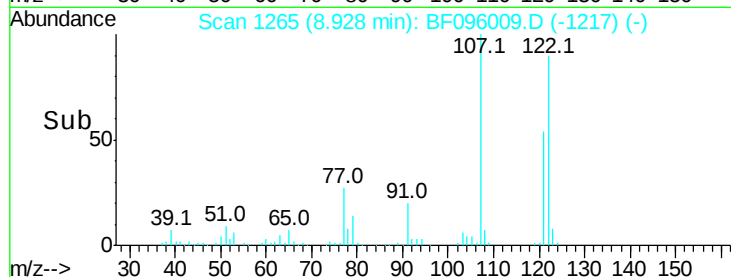
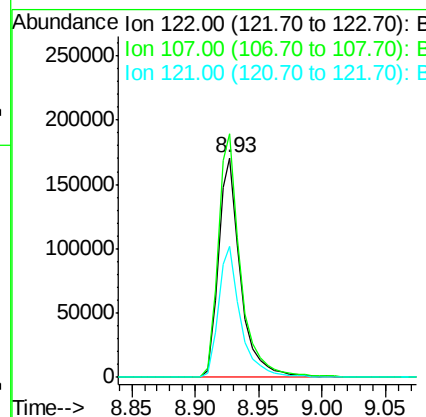
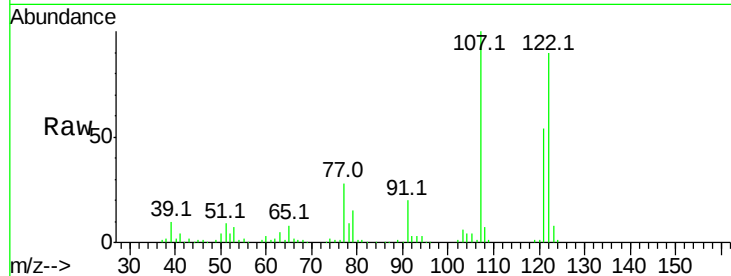
ClientSampleId :

WC061417-1MSD

Tot Ion:	122	Resp:	210426
Ion Ratio	Lower	Upper	
122	100		
107	110.7	89.2	133.8
121	59.7	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 54.87 ng

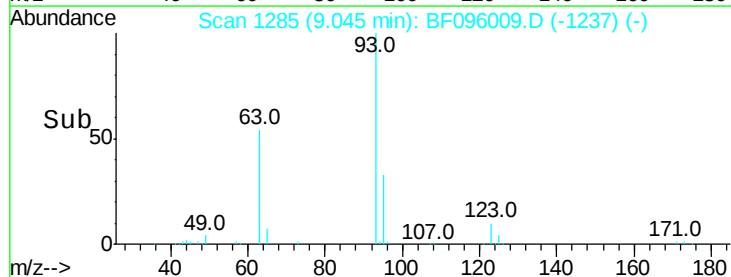
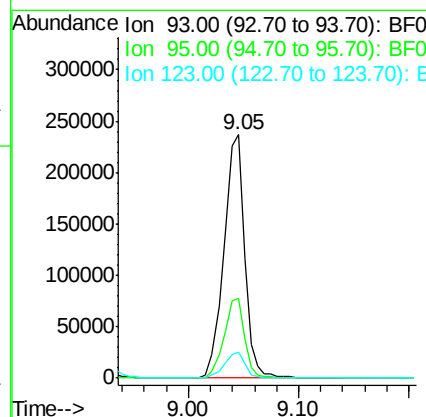
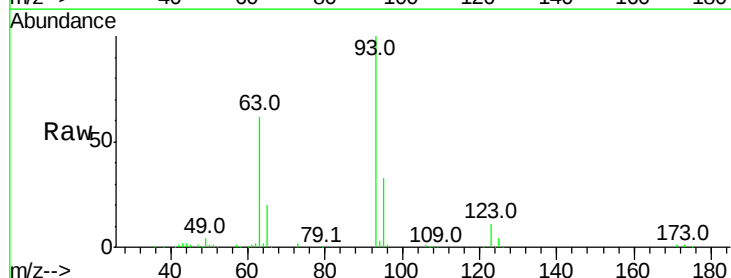
RT: 9.05 min Scan# 1285

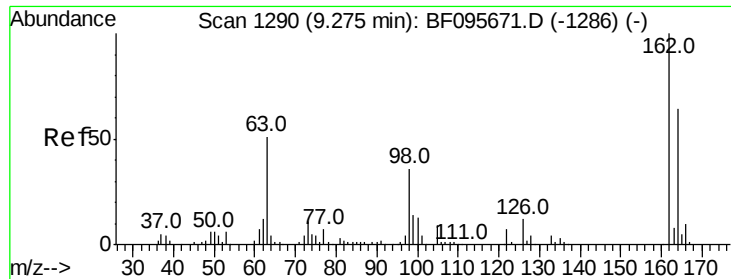
Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:	93	Resp:	311178
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	10.6	9.0	13.4





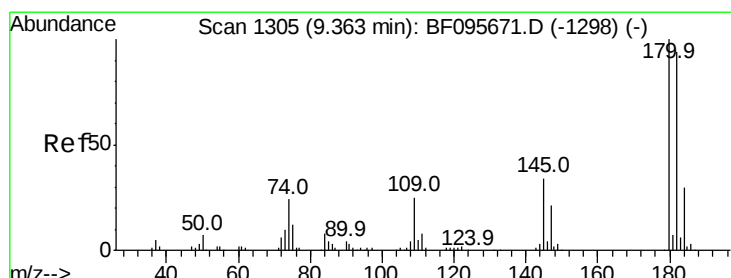
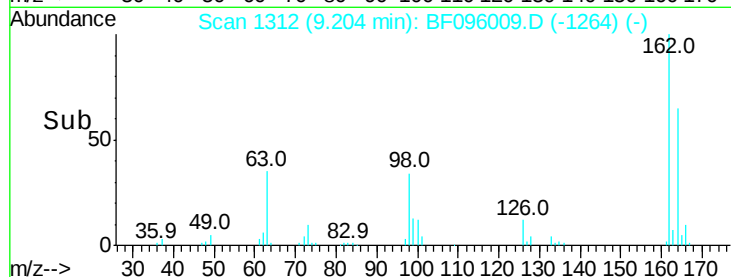
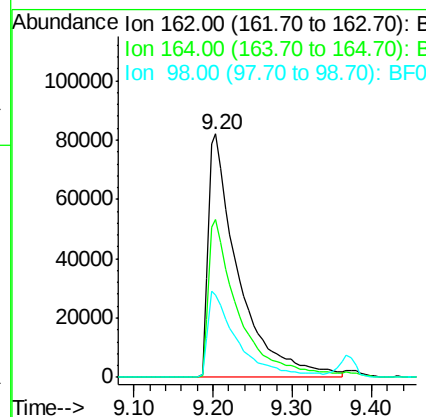
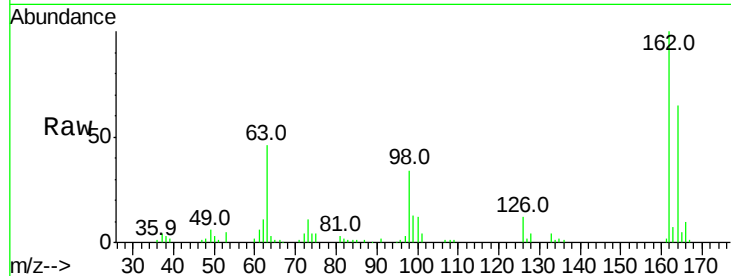
#29
 2,4-Dichlorophenol
 Concen: 56.51 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.6	84.6
98	33.7	14.8	54.8

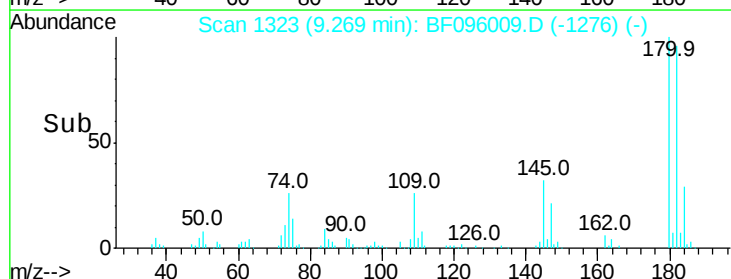
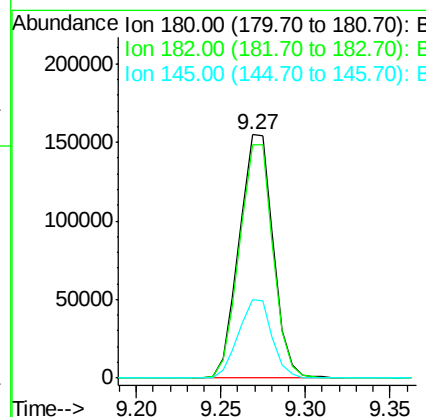
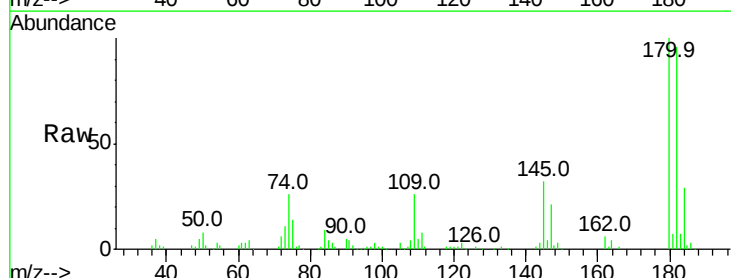
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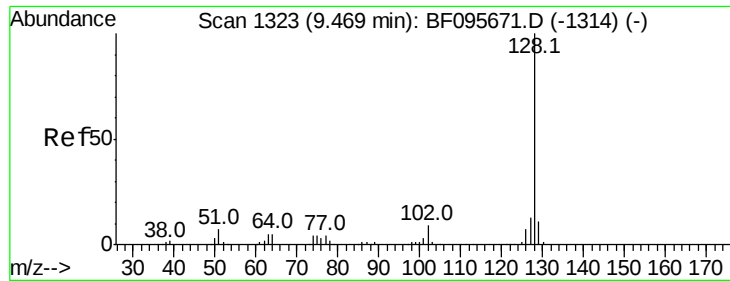
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#30
 1,2,4-Trichlorobenzene
 Concen: 54.07 ng
 RT: 9.27 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	75.8	113.6
145	32.5	25.3	37.9





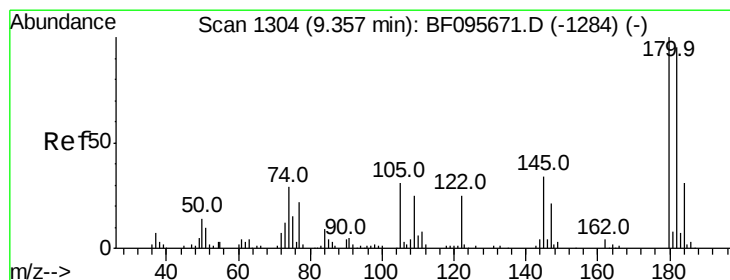
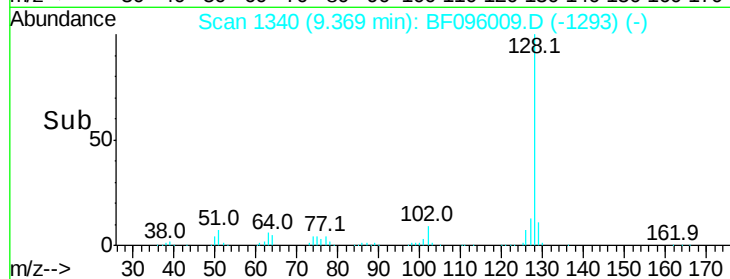
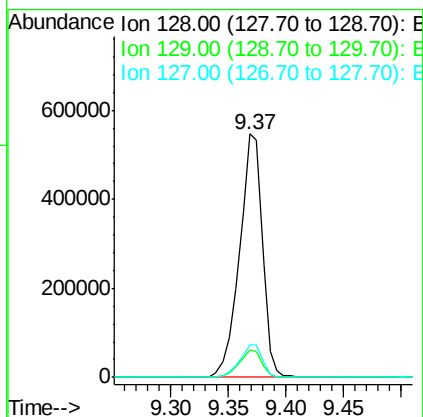
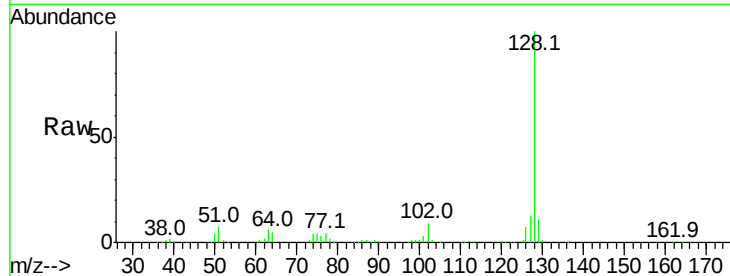
#31
Naphthalene
Concen: 52.27 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.8	16.2

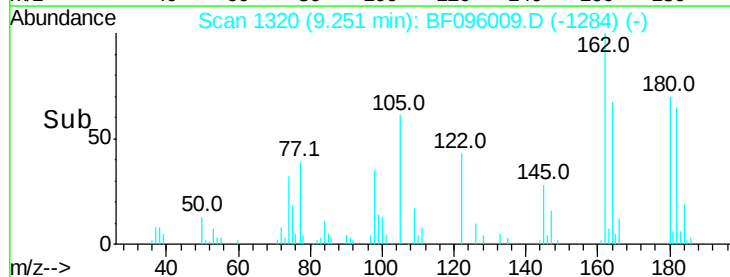
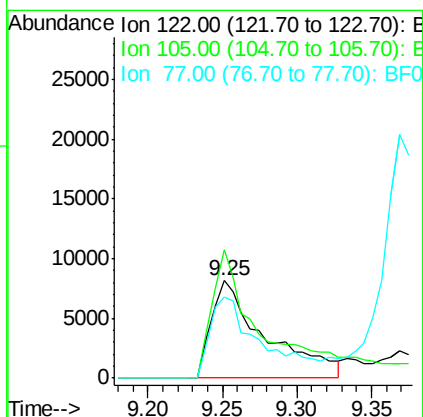
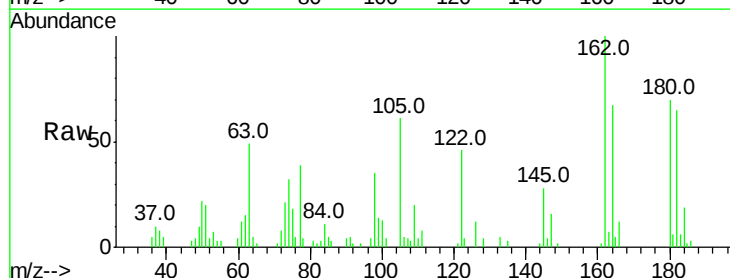
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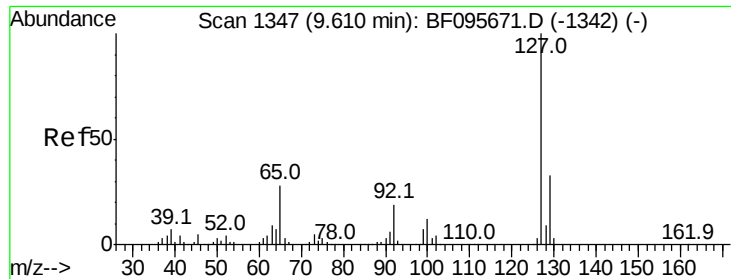
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#32
Benzoic acid
Concen: 12.45 ng
RT: 9.25 min Scan# 1320
Delta R.T. -0.09 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	103.3	143.3
77	83.6	73.7	113.7





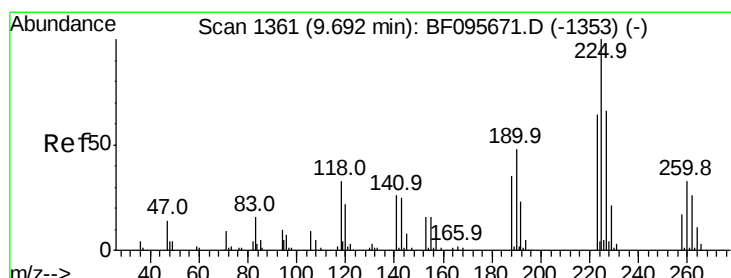
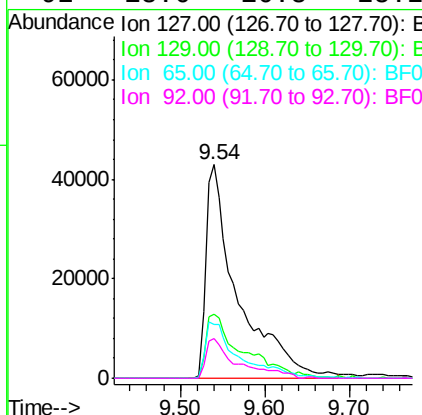
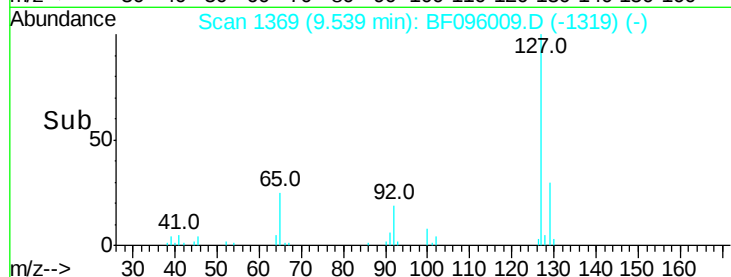
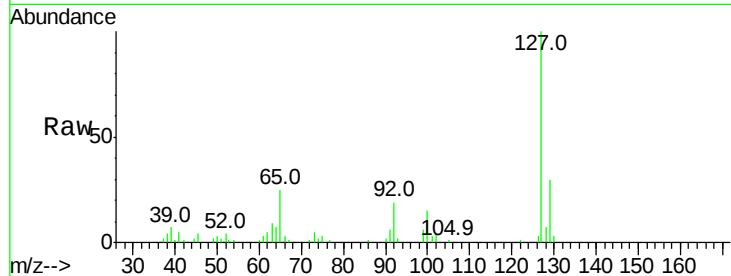
#33
4-Chloroaniline
Concen: 20.14 ng
RT: 9.54 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.1	26.2	39.2		
65	25.2	27.8	41.8		
92	18.6	16.8	25.2		

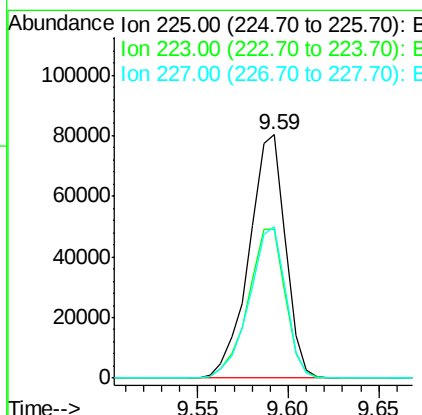
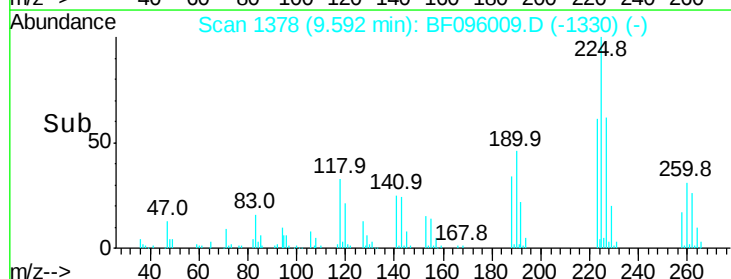
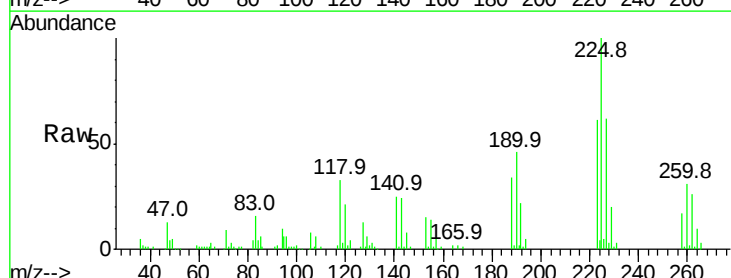
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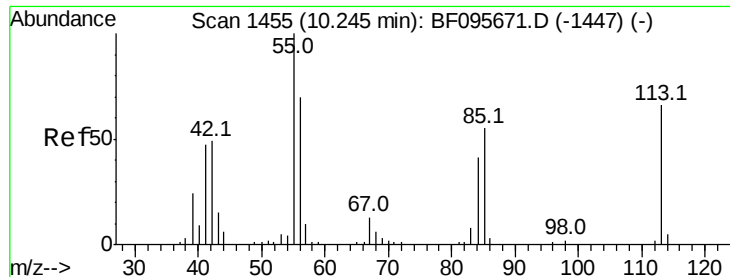
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#34
Hexachlorobutadiene
Concen: 54.15 ng
RT: 9.59 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	48.8	73.2		
227	62.4	51.1	76.7		





#35

Caprolactam

Concen: 54.99 ng/mL

RT: 10.17 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

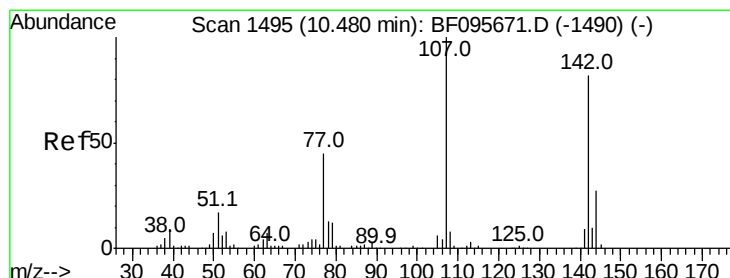
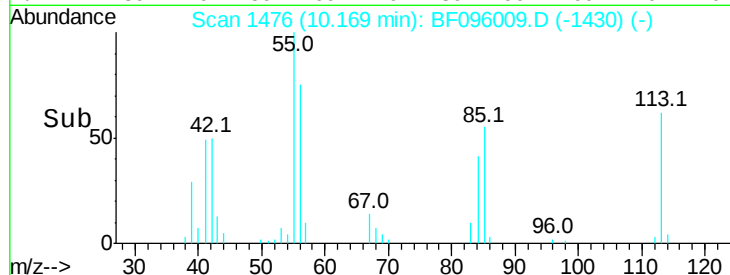
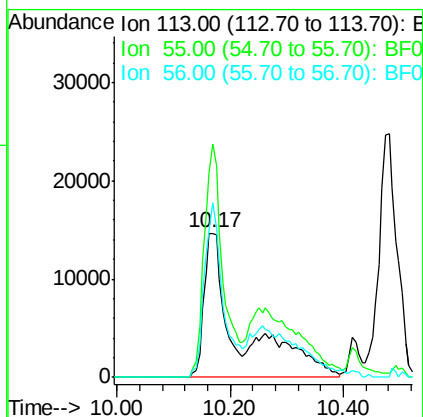
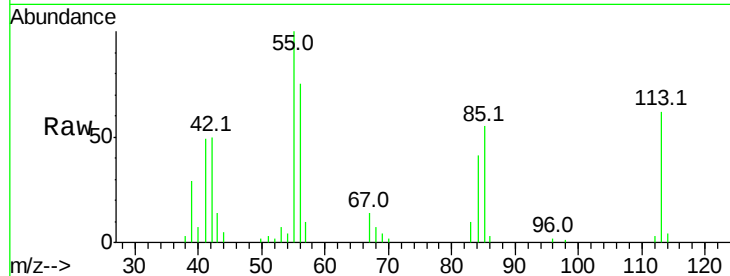
ClientSampleId :

WC061417-1MSD

Tot Ion:113 Resp: 63027
 Ion Ratio Lower Upper
 113 100
 55 161.7 150.2 190.2
 56 121.3 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 54.80 ng/mL

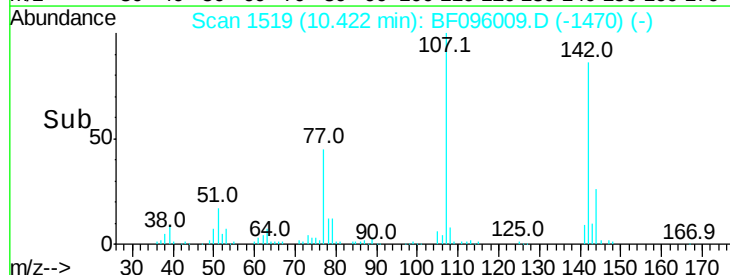
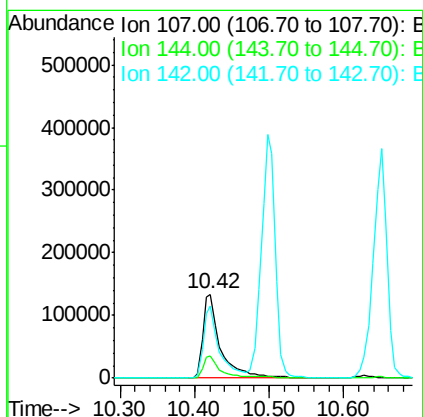
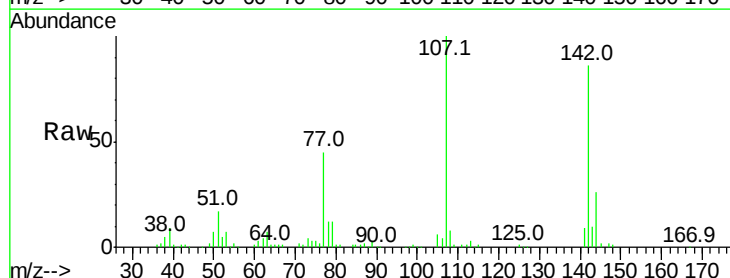
RT: 10.42 min Scan# 1519

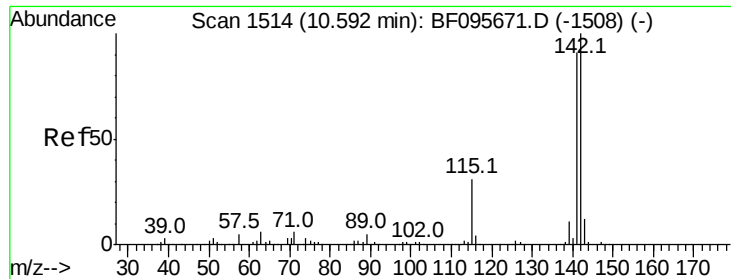
Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:107 Resp: 220984
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 85.8 73.4 110.0





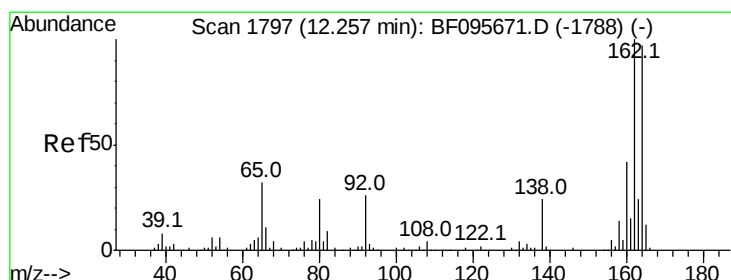
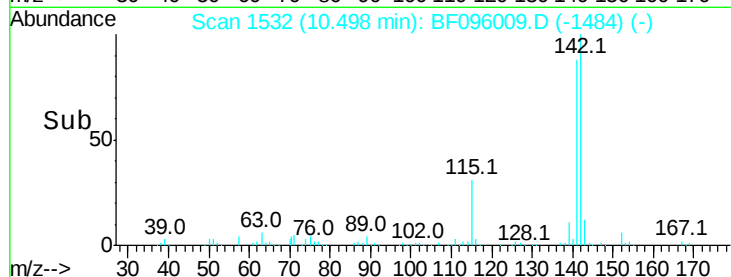
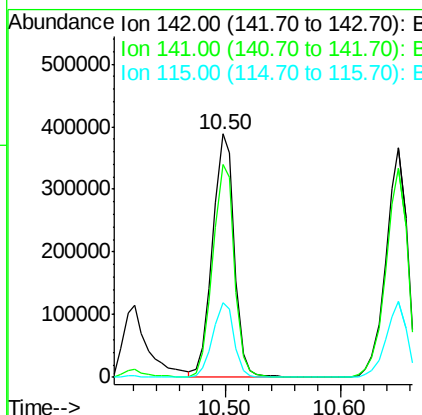
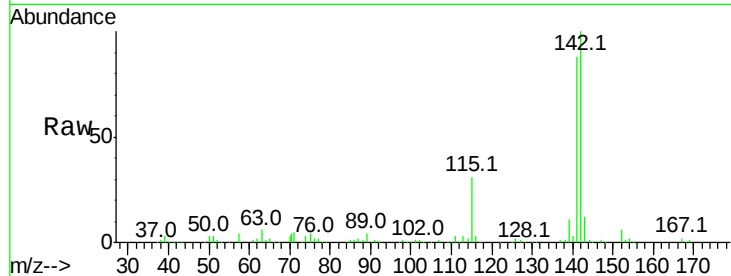
#37
2-Methylnaphthalene
Concen: 52.76 ng
RT: 10.50 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	511915		
141	87.6	71.3	106.9	
115	30.5	27.1	40.7	

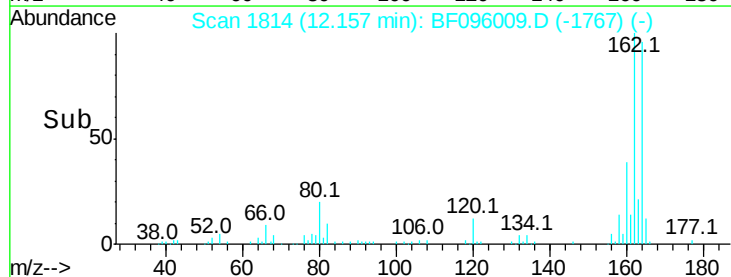
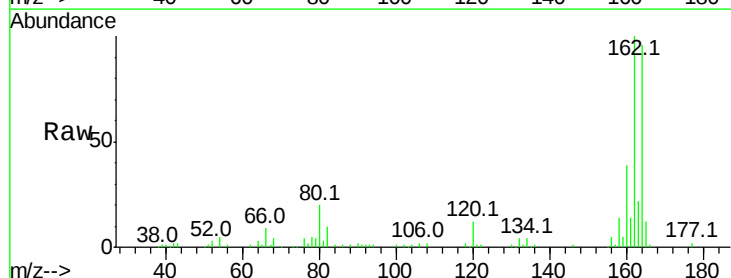
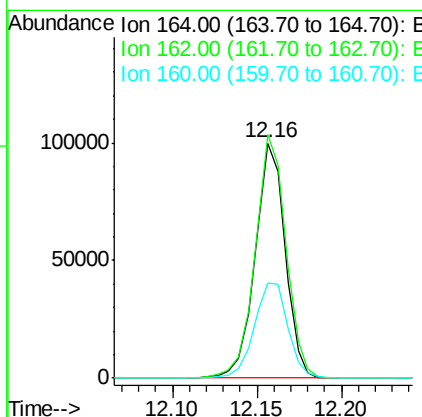
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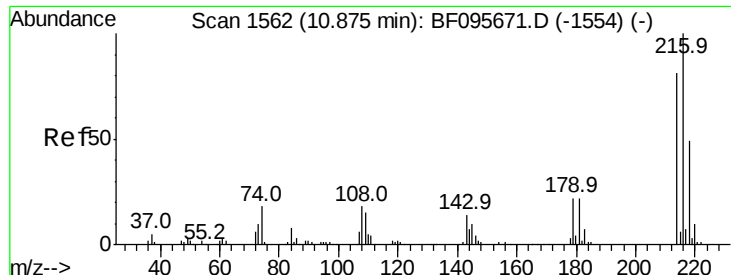
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	123556		
162	103.7	82.6	123.8	
160	40.5	36.2	54.2	





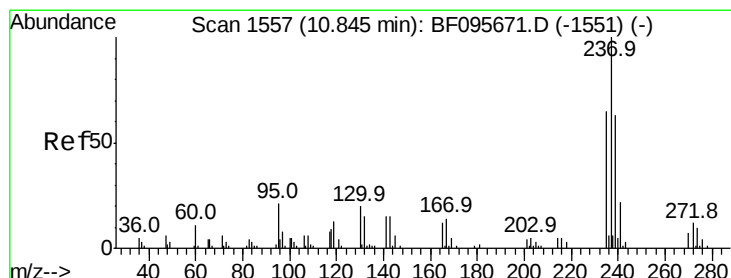
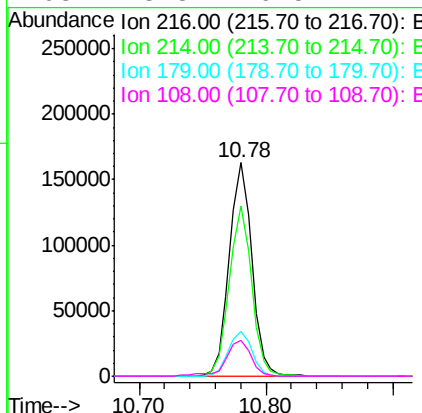
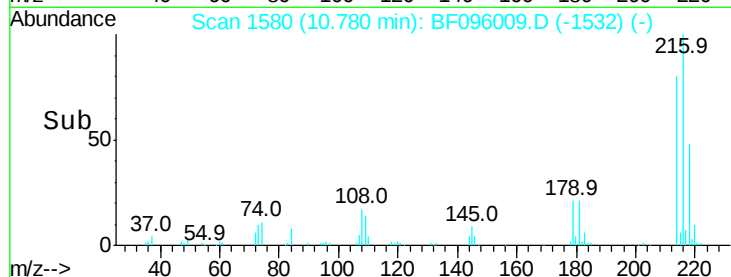
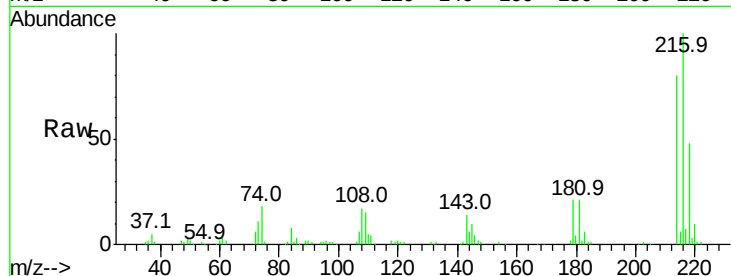
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.35 ng
 RT: 10.78 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	200976		
214	78.6		63.4	95.2
179	21.6		17.9	26.9
108	18.8		16.5	24.7

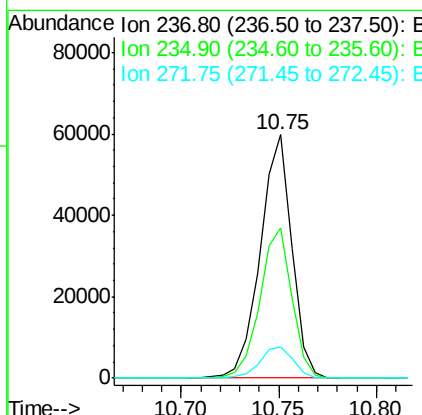
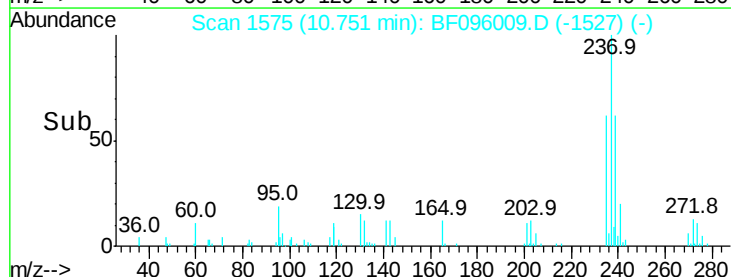
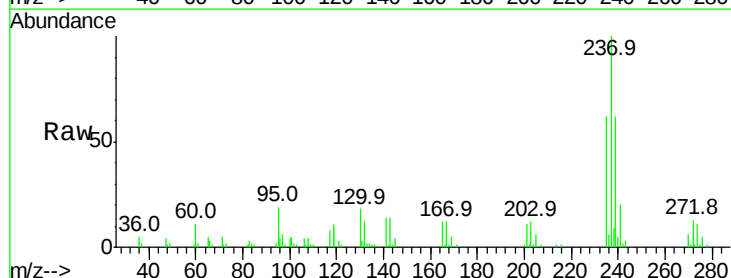
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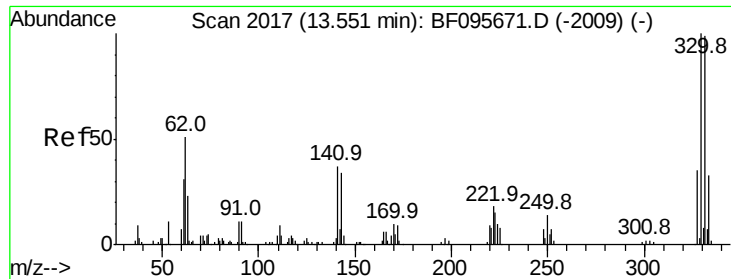
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#40
 Hexachlorocyclopentadiene
 Concen: 60.63 ng
 RT: 10.75 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	66609		
235	61.5		42.6	82.6
272	12.6		0.0	31.9





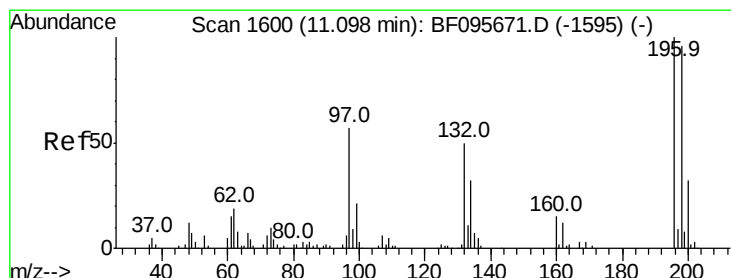
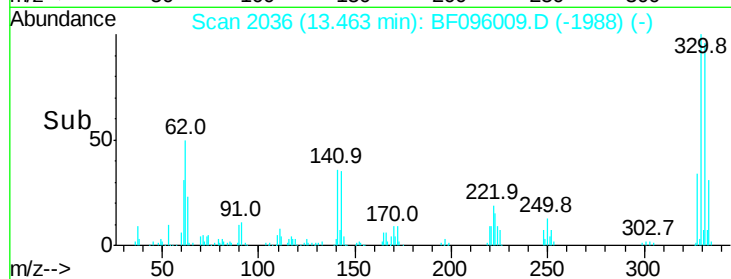
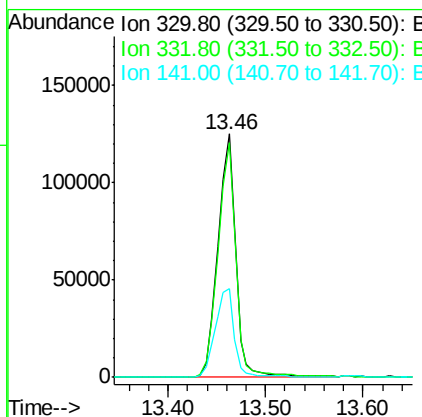
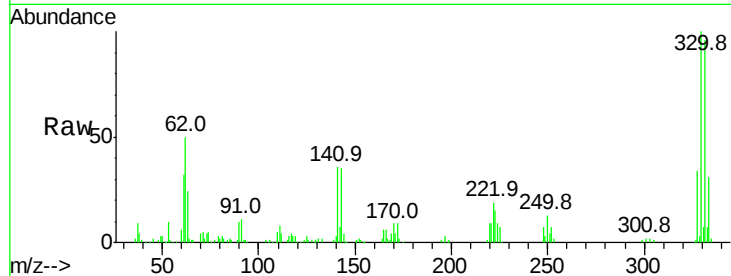
#41
 2,4,6-Tribromophenol
 Concen: 147.90 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	161684		
332	96.6	76.6	115.0	
141	38.7	31.4	47.2	

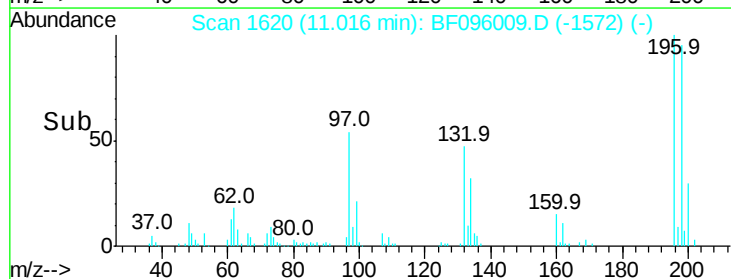
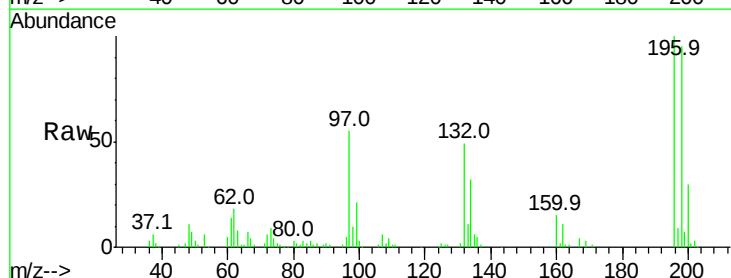
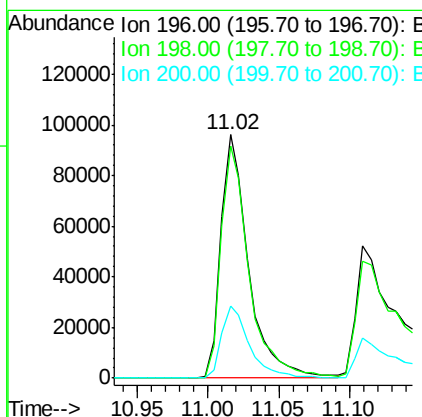
Manual Integrations
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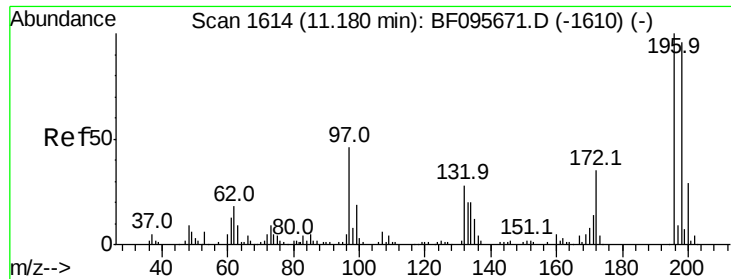
mohammad
 6/20/2017 4:28:54 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.55 ng
 RT: 11.02 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	132059		
198	95.2	74.2	111.4	
200	29.9	24.0	36.0	





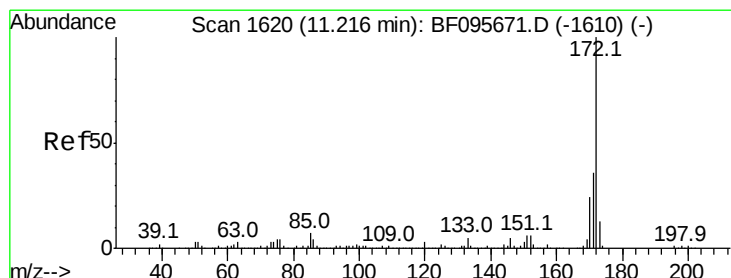
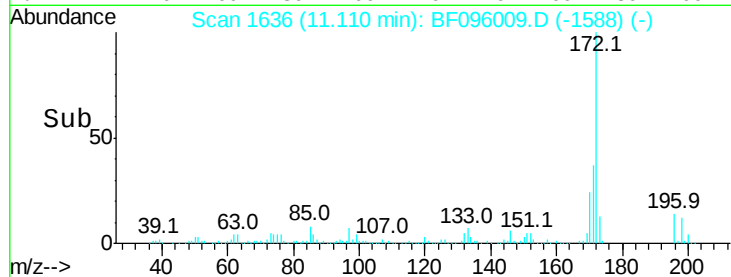
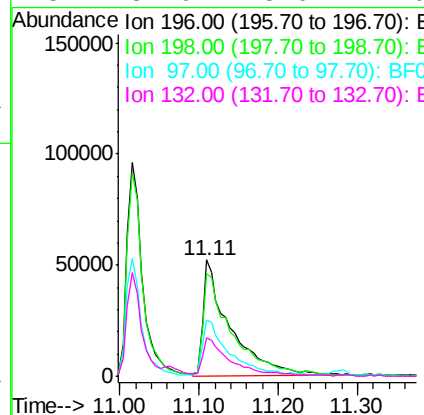
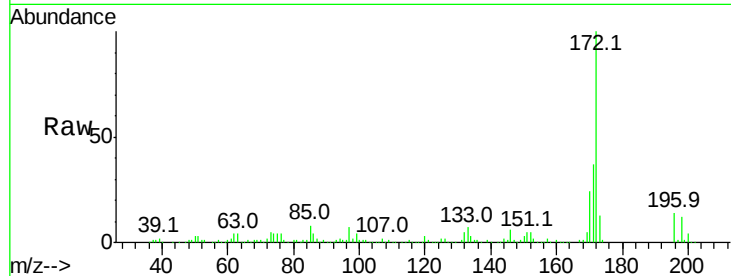
#43
 2,4,5-Trichlorophenol
 Concen: 48.69 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	196	Resp	123125
Ion Ratio	Lower	Upper	
196	100		
198	88.1	75.7	113.5
97	48.6	47.7	71.5
132	32.9	28.0	42.0

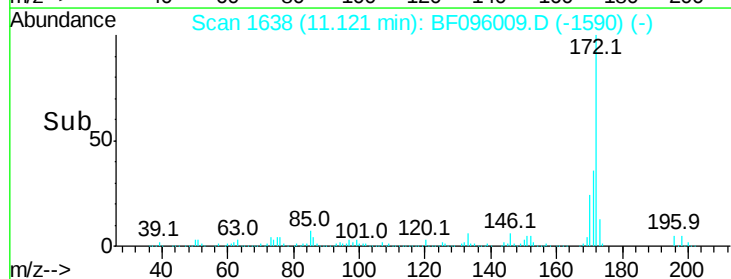
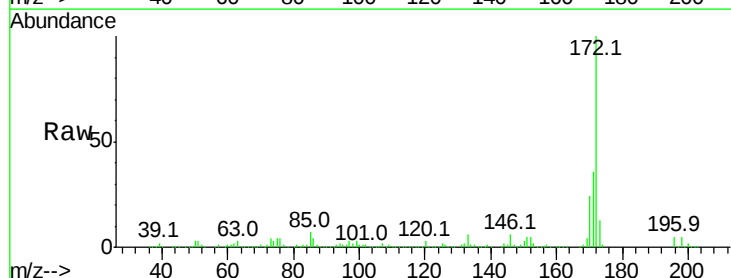
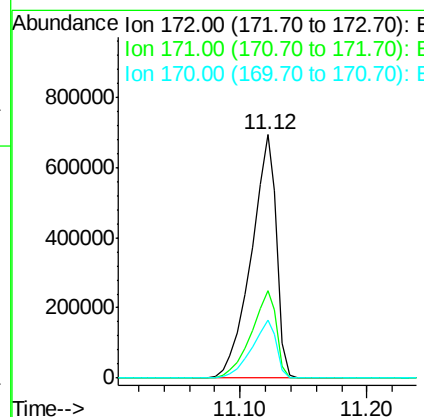
Manual Integrations
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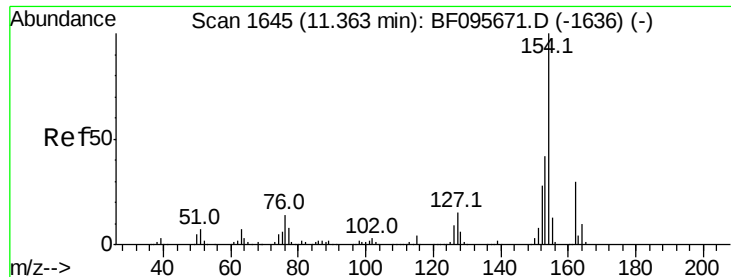
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 108.19 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	172	Resp	960572
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8





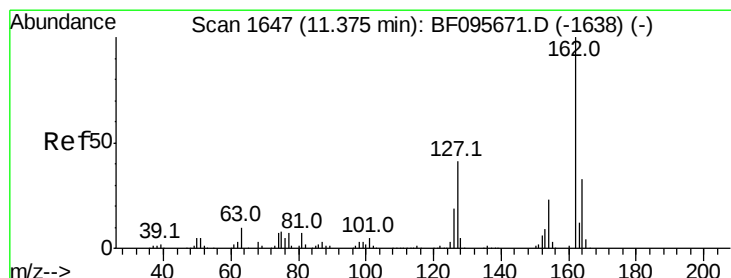
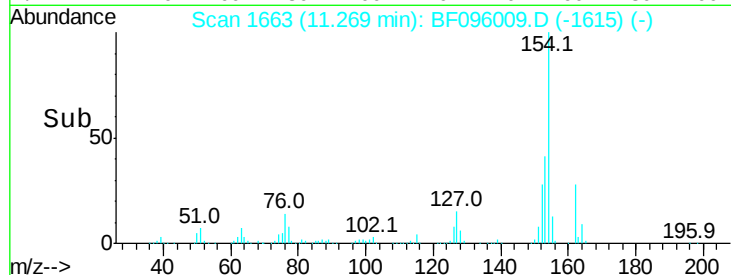
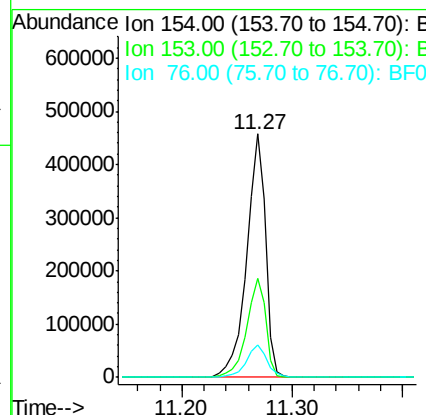
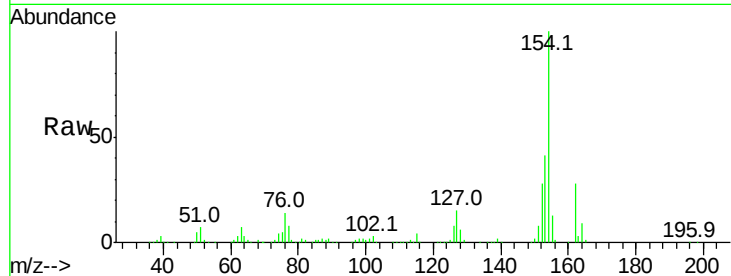
#45
 1,1'-Biphenyl
 Concen: 54.21 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.6	0.0	29.9

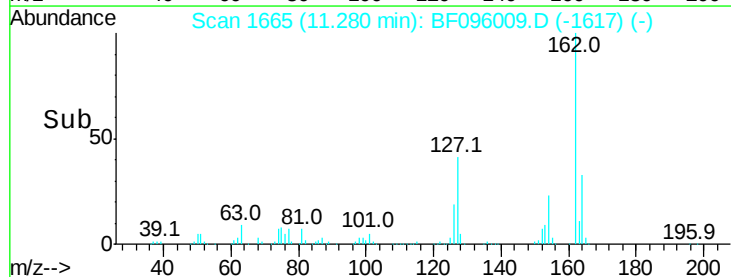
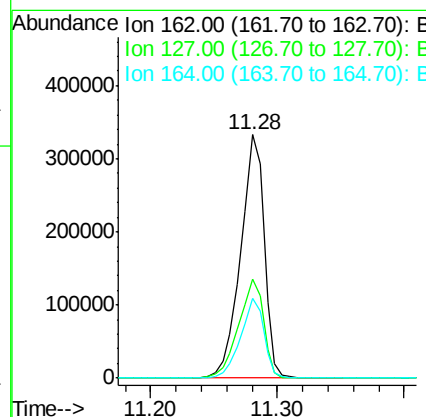
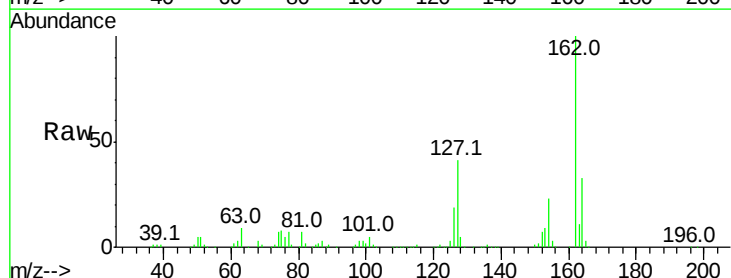
Manual Integrations
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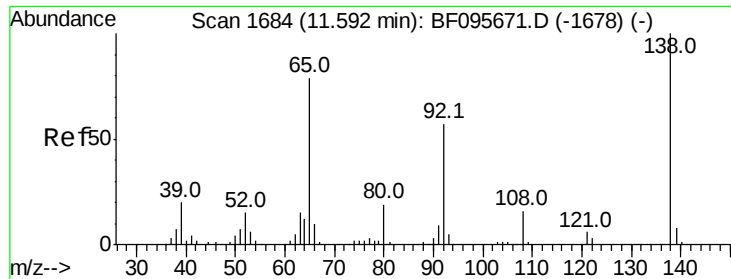
mohammad
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#46
 2-Chloronaphthalene
 Concen: 53.63 ng
 RT: 11.28 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	28.3	42.5
164	32.9	27.0	40.4





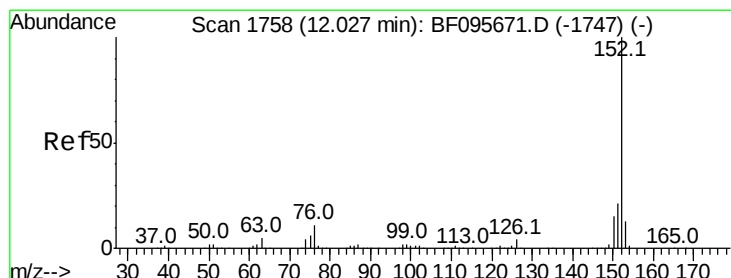
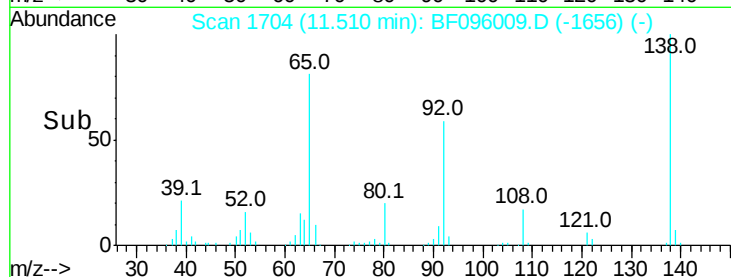
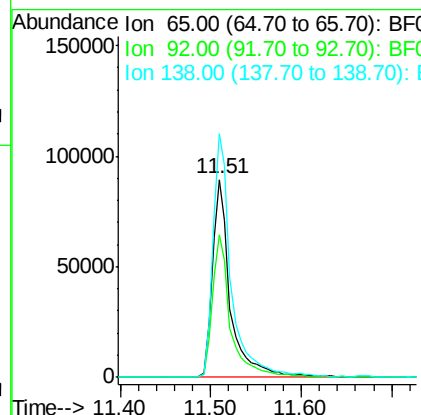
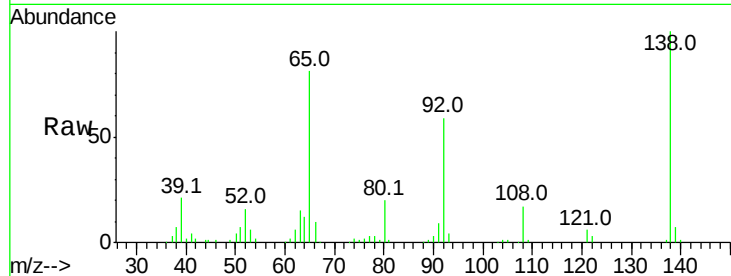
#47
 2-Nitroaniline
 Concen: 53.97 ng
 RT: 11.51 min Scan# 1704
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion:	65	Resp:	125669
Ion Ratio	Lower	Upper	
65	100		
92	72.2	53.9	80.9
138	123.3	78.8	118.2#

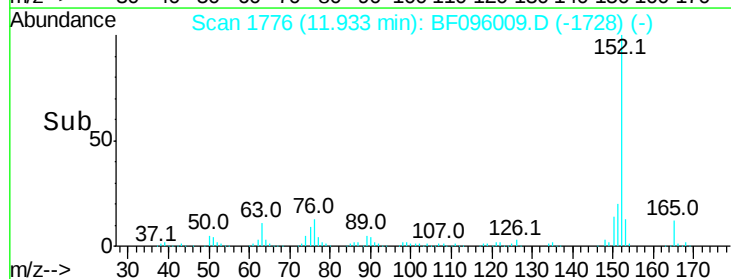
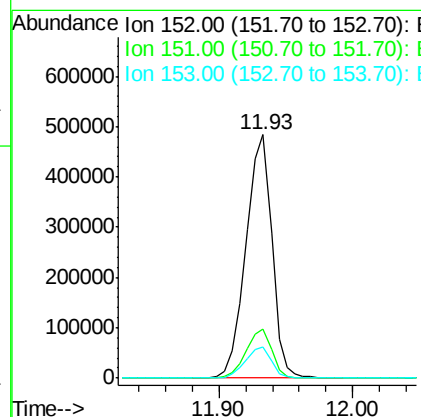
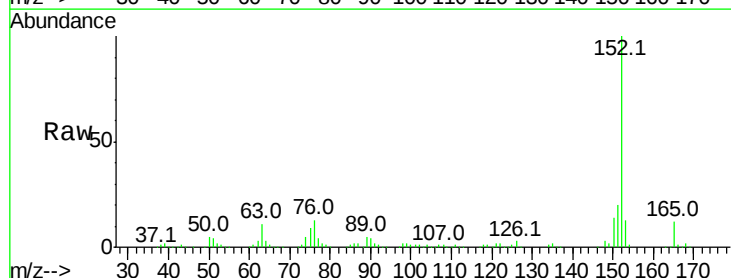
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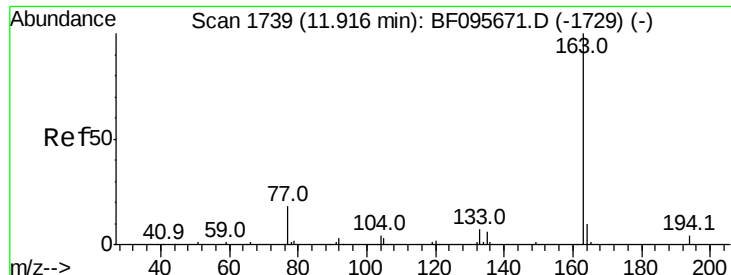
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#48
 Acenaphthylene
 Concen: 47.75 ng
 RT: 11.93 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:	152	Resp:	649602
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	12.6	10.8	16.2





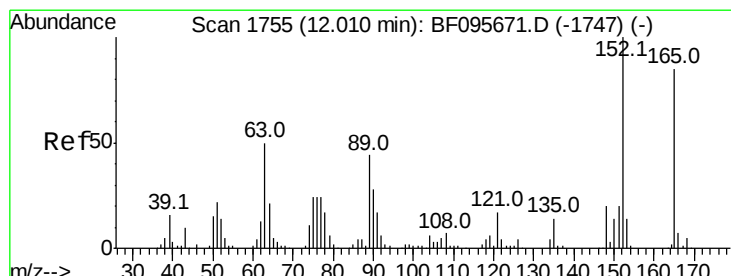
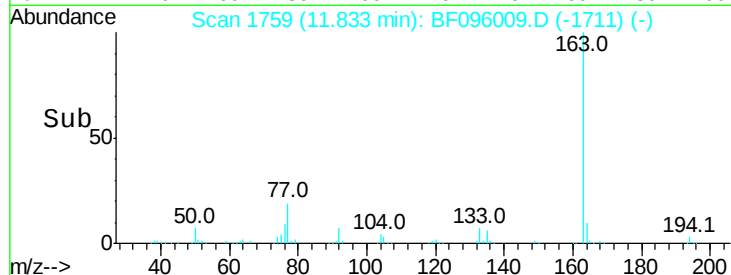
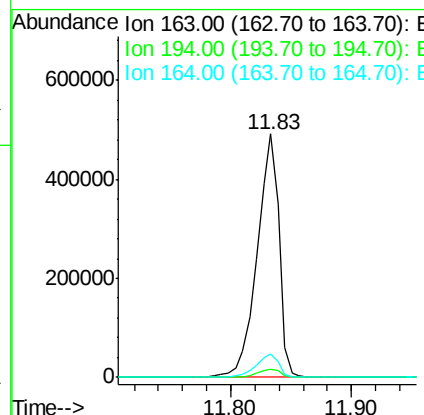
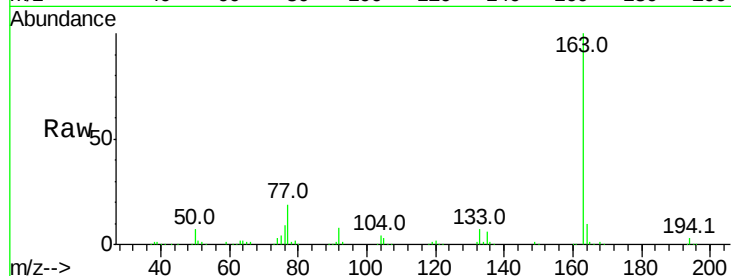
#49
Dimethylphthalate
Concen: 66.45 ng
RT: 11.83 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6

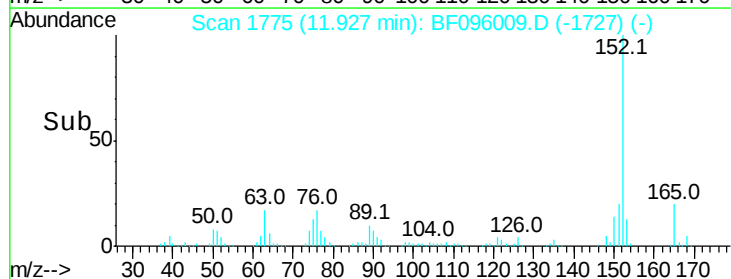
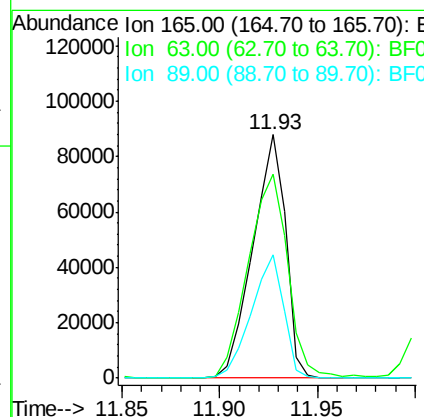
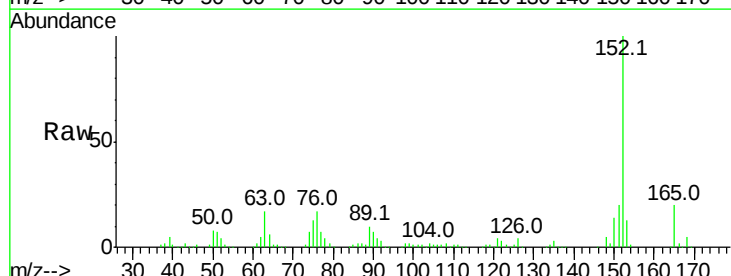
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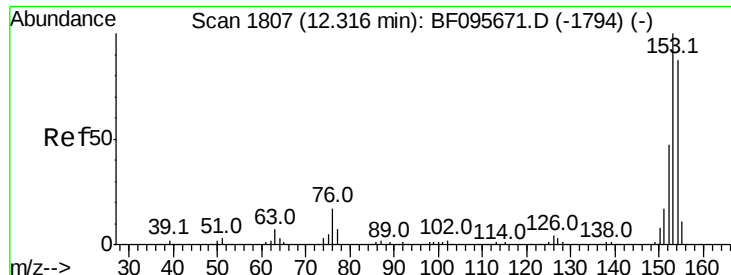
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#50
2,6-Dinitrotoluene
Concen: 49.89 ng
RT: 11.93 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	84.0	34.3	51.5#
89	50.8	37.1	55.7





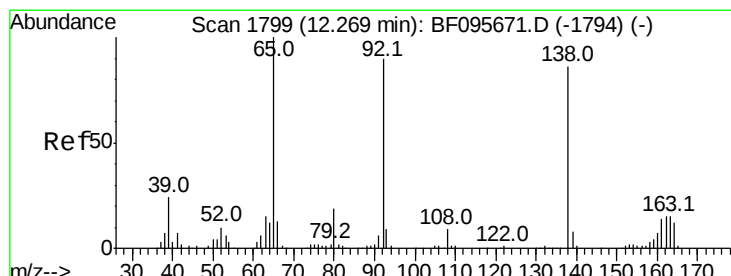
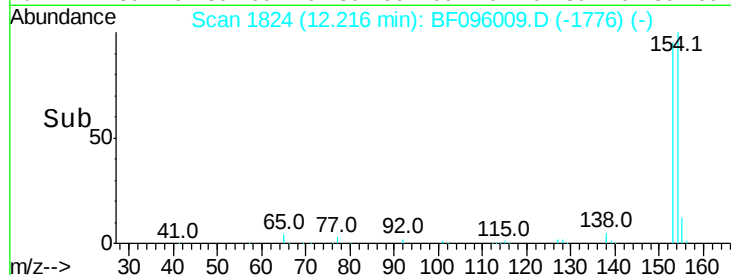
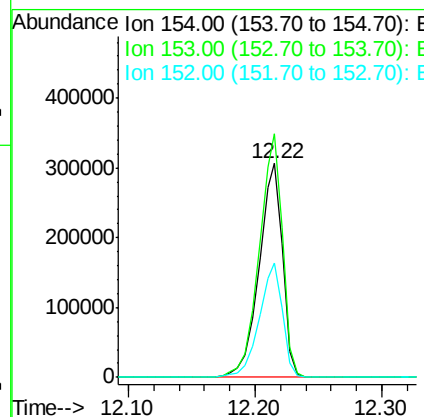
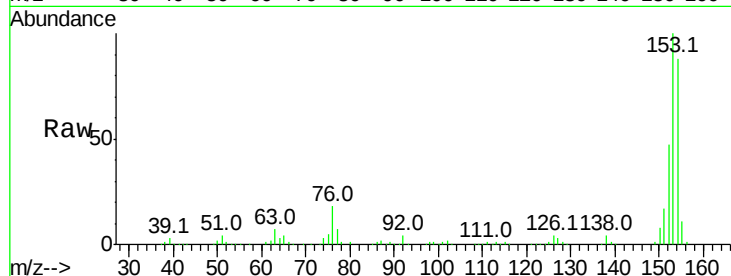
#51
Acenaphthene
Concen: 50.49 ng
RT: 12.22 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.5	135.7
152	53.4	43.6	65.4

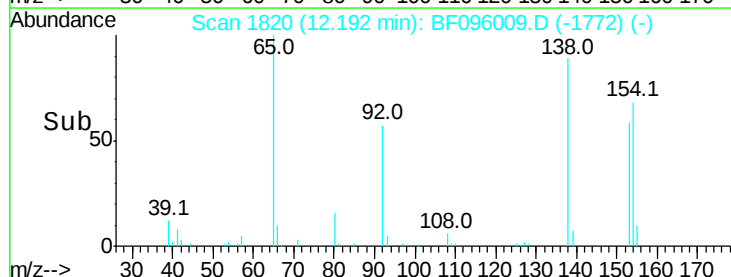
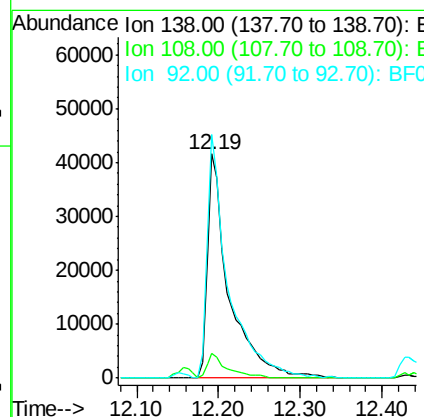
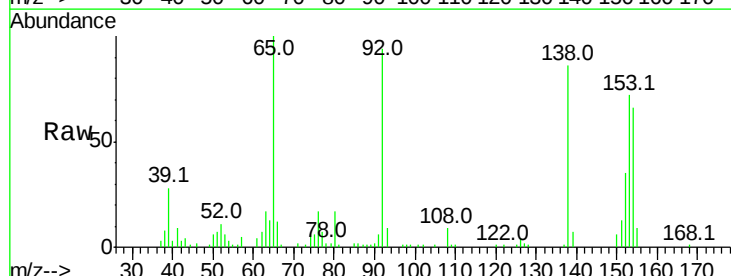
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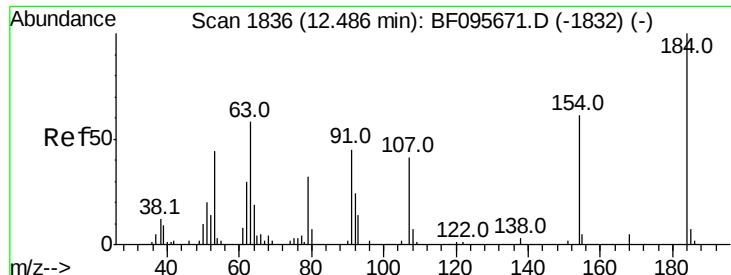
mohammad
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#52
3-Nitroaniline
Concen: 32.17 ng
RT: 12.19 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	108.8	93.8	140.6





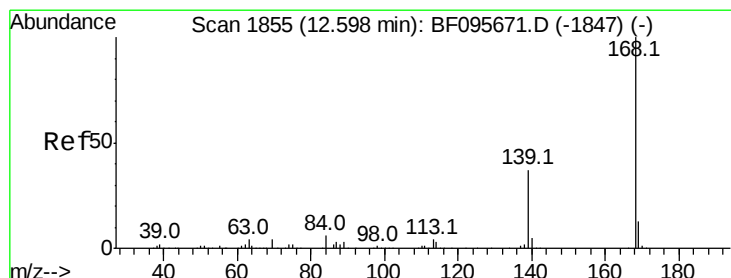
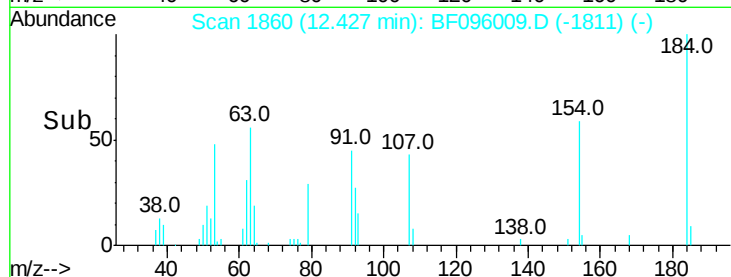
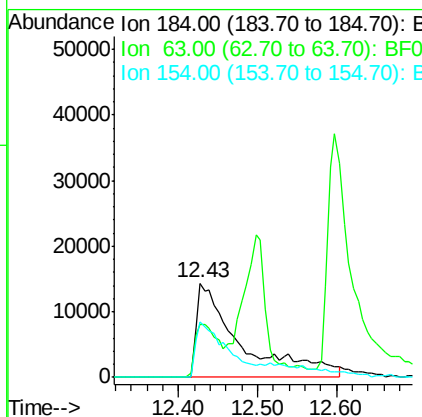
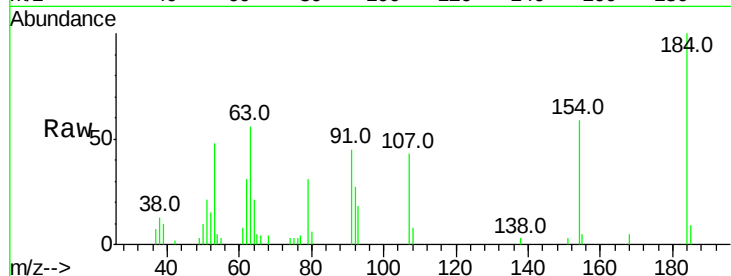
#53
 2,4-Dinitrophenol
 Concen: 50.43 ng/ml
 RT: 12.43 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleID :
 WC061417-1MSD

Tot Ion:184 Resp: 55406
 Ion Ratio Lower Upper
 184 100
 63 55.5 62.7 94.1#
 154 58.6 81.1 121.7#

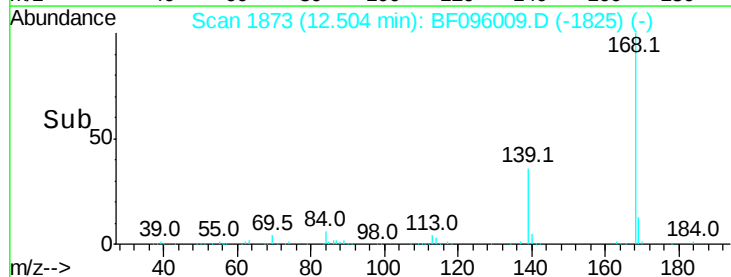
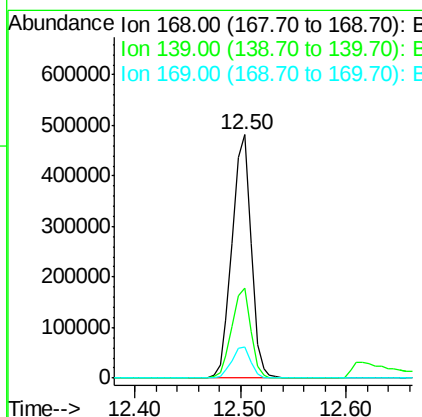
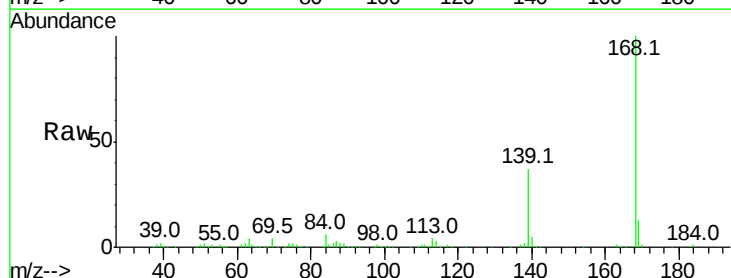
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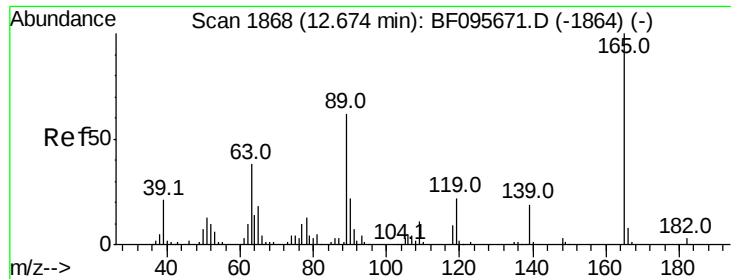
mohammad
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#54
 Dibenzofuran
 Concen: 54.22 ng
 RT: 12.50 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:168 Resp: 599694
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.6 45.8
 169 12.9 10.8 16.2





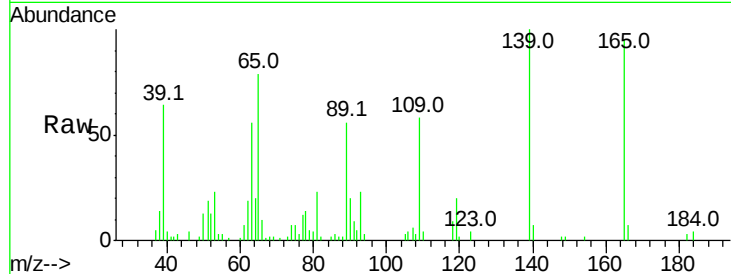
#55
4-Nitrophenol
Concen: 83.62 ng
RT: 12.62 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

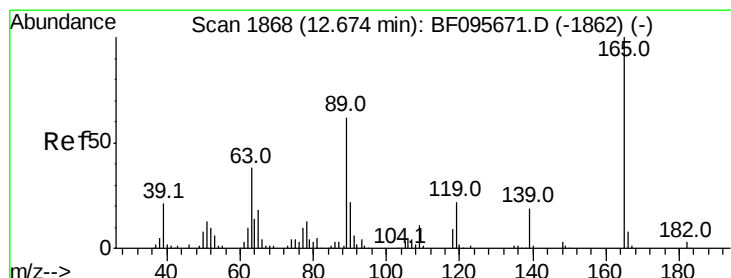
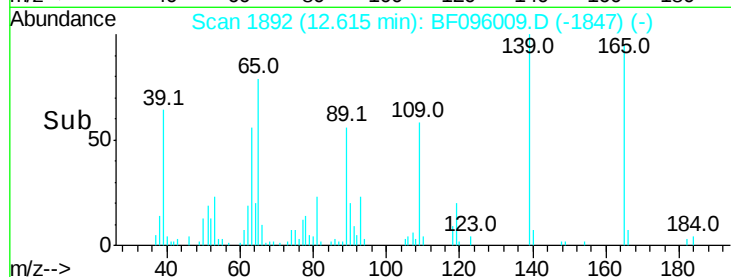
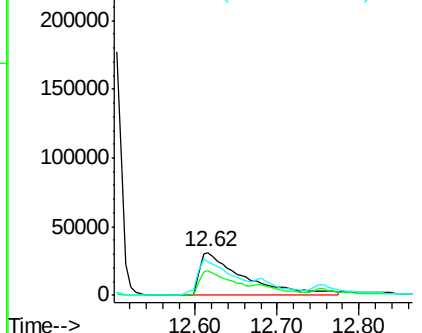
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.5	34.1	74.1	
65	79.1	31.4	71.4	

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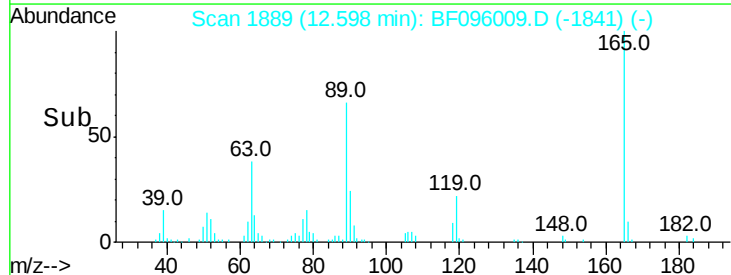
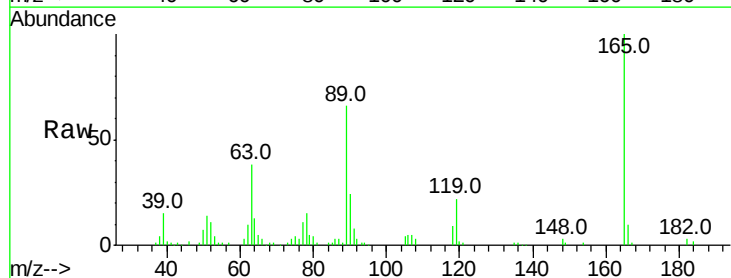
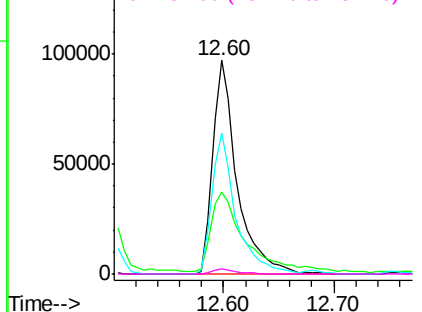
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

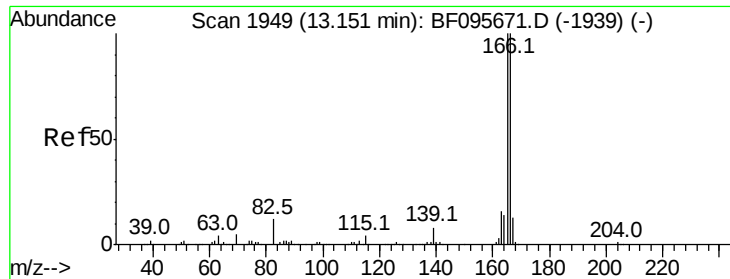


#56
2,4-Dinitrotoluene
Concen: 53.28 ng
RT: 12.60 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.2	25.4	38.0	
89	65.8	46.4	69.6	
182	2.5	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: 48.97 ng

RT: 13.06 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

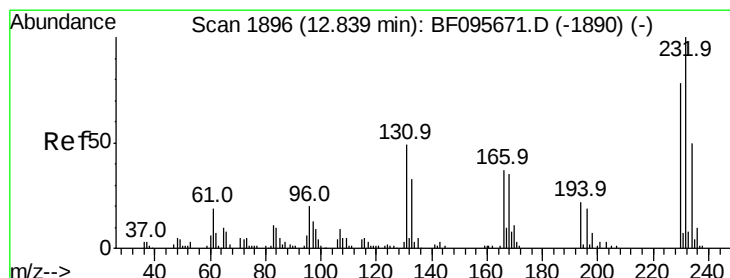
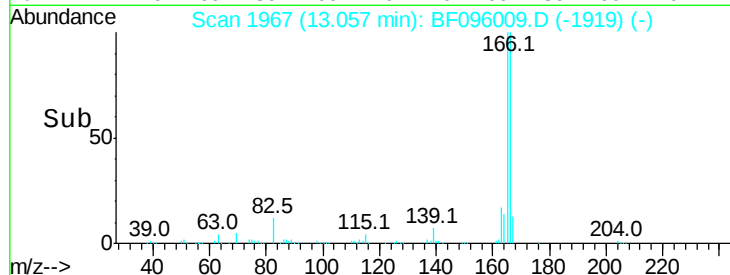
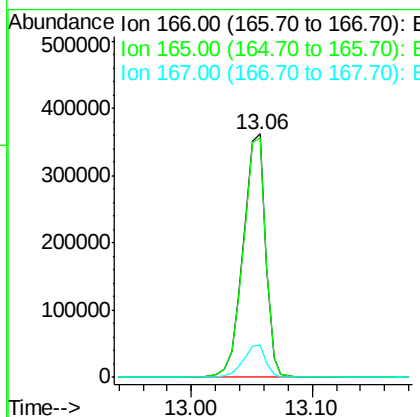
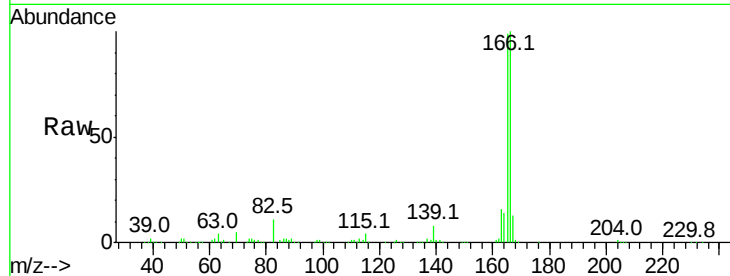
ClientSampleId :

WC061417-1MSD

Tot Ion:	166	Resp:	471306
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.8	118.2
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.94 ng

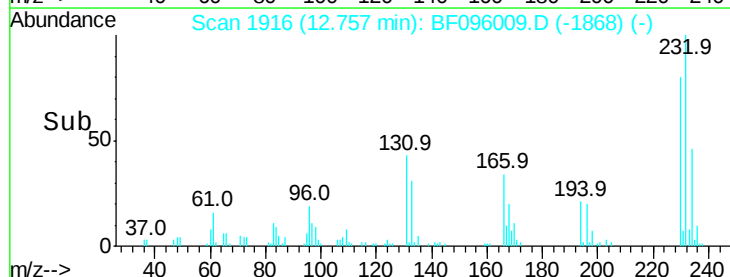
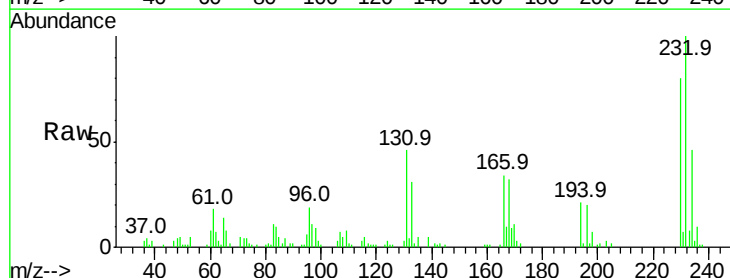
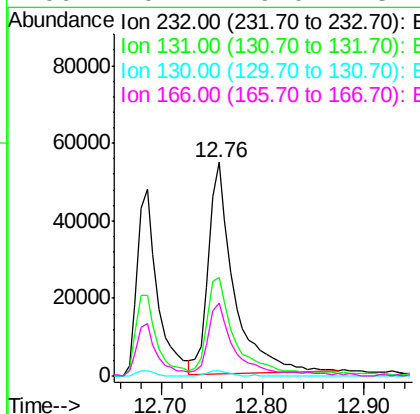
RT: 12.76 min Scan# 1916

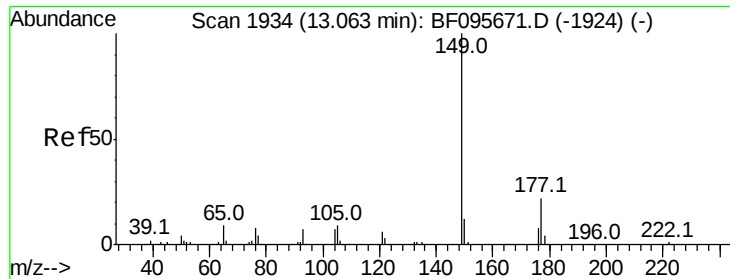
Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:	232	Resp:	95065
Ion Ratio	Lower	Upper	
232	100		
131	49.4	44.8	67.2
130	2.2	2.3	3.5#
166	29.7	29.0	43.4





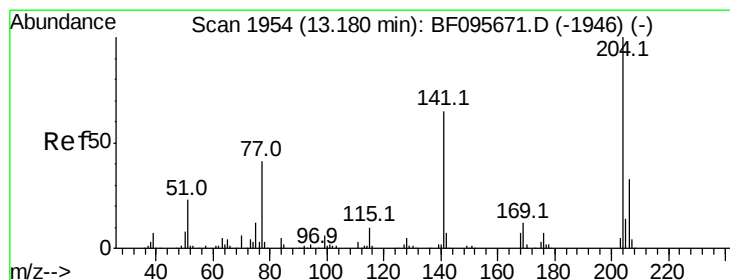
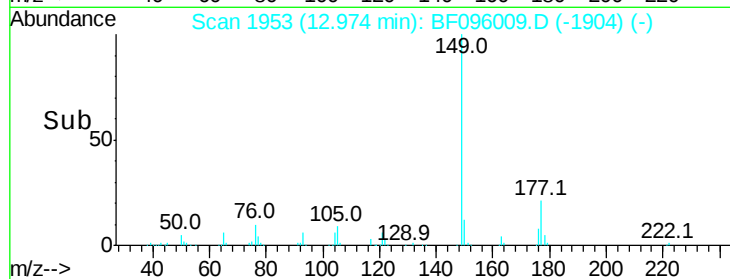
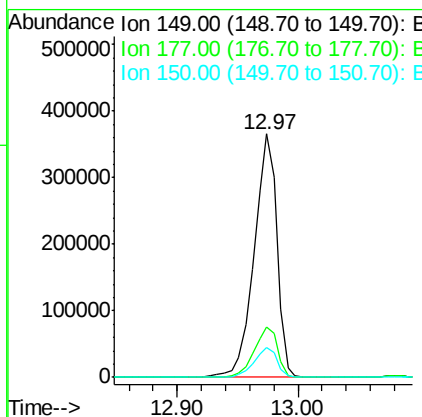
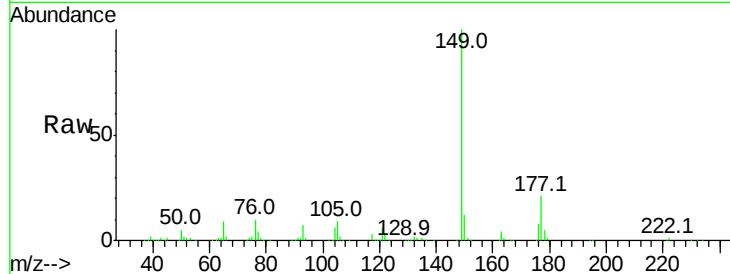
#59
Diethylphthalate
Concen: 53.32 ng
RT: 12.97 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion:	149	Resp:	481409
Ion Ratio	Lower	Upper	
149	100		
177	20.7	16.7	25.1
150	12.3	10.2	15.2

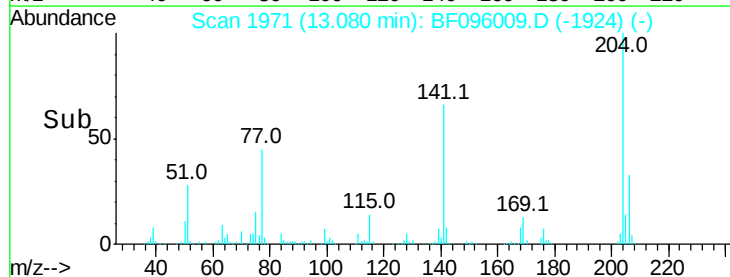
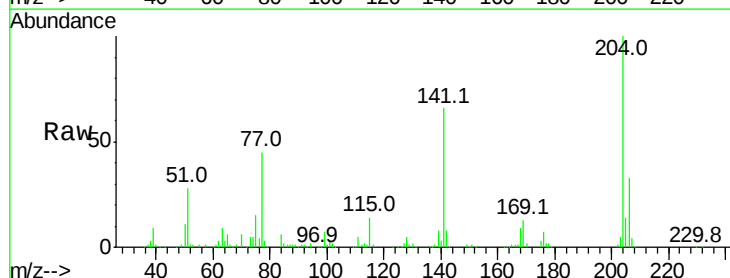
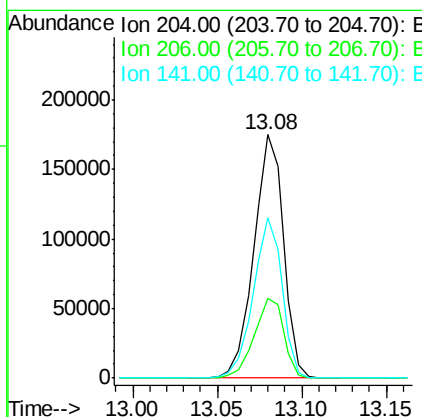
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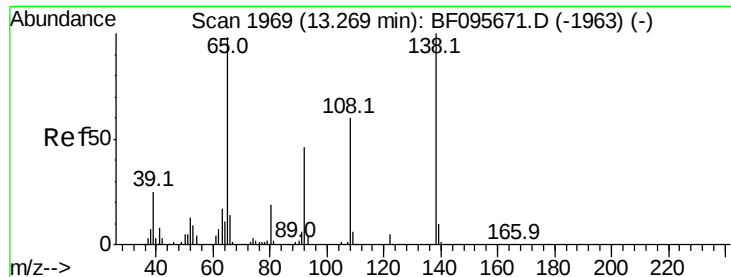
mohammad
6/20/2017 4:28:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 50.92 ng
RT: 13.08 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:	204	Resp:	213123
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.2	39.2
141	65.7	60.8	91.2





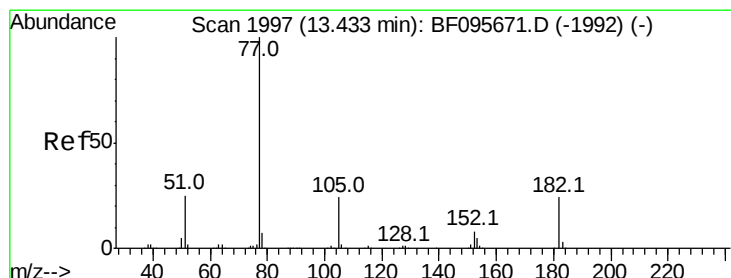
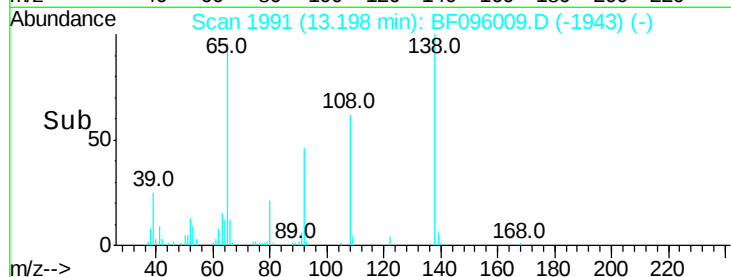
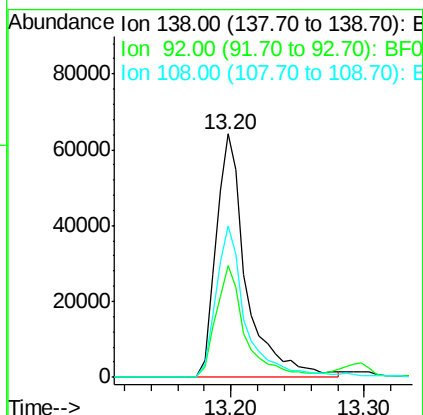
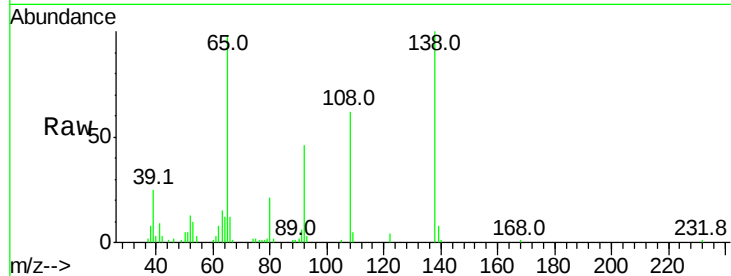
#61
4-Nitroaniline
Concen: 45.88 ng
RT: 13.20 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.1	21.8	61.8
108	62.2	42.3	82.3

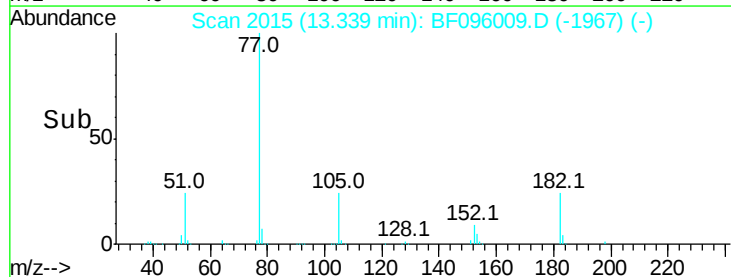
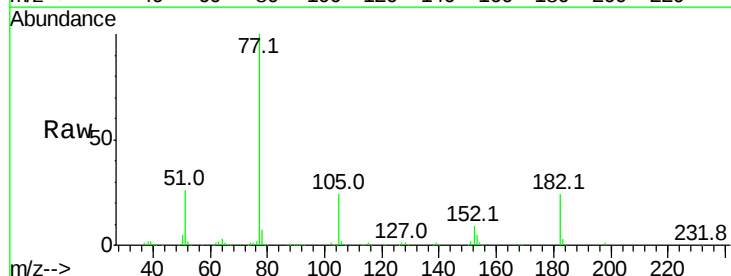
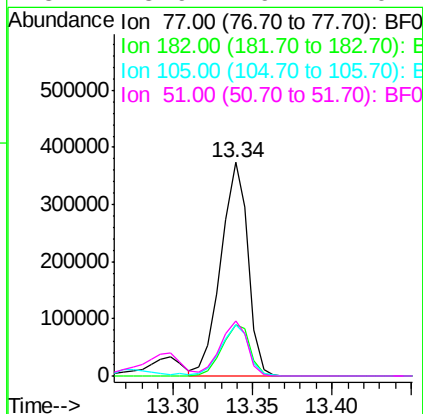
Manual Integrations
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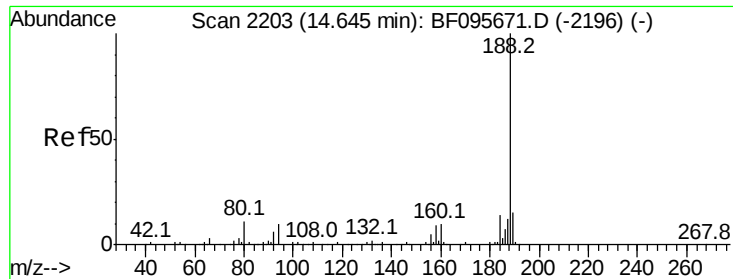
mohammad
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#62
Azobenzene
Concen: 54.20 ng
RT: 13.34 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.1	40.1
105	23.8	3.6	43.6
51	25.9	9.4	49.4





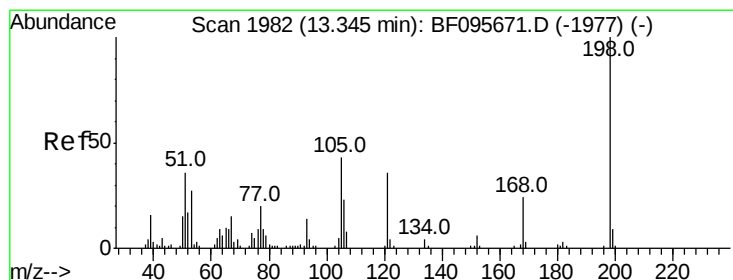
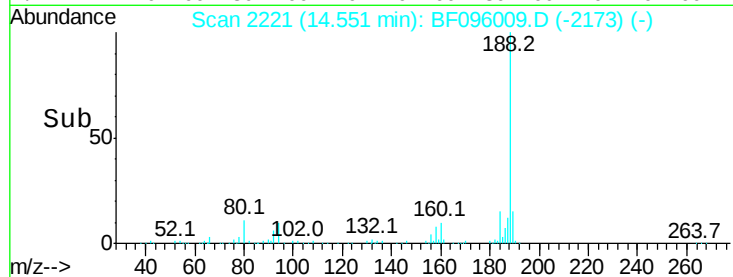
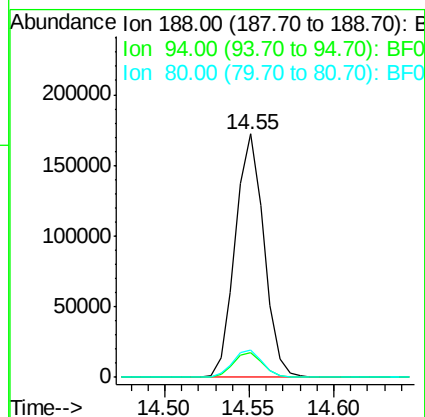
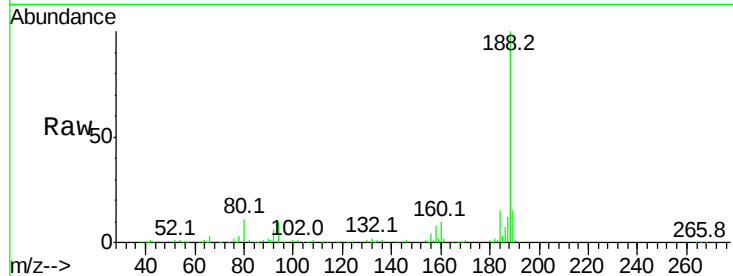
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.2	10.2	15.2

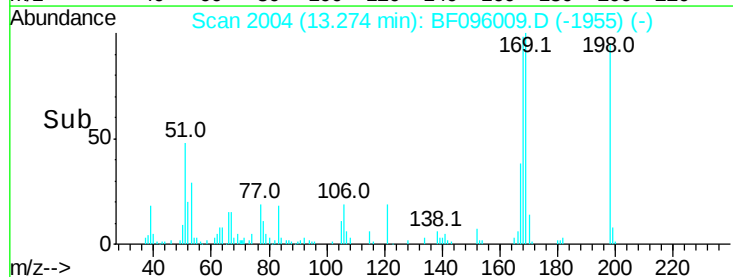
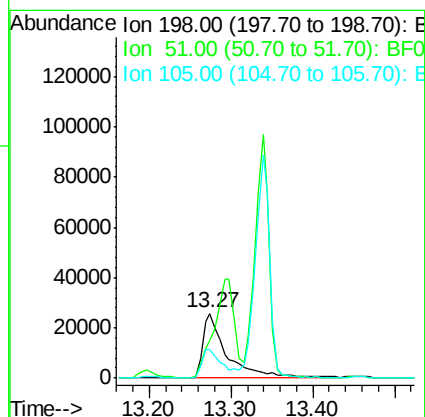
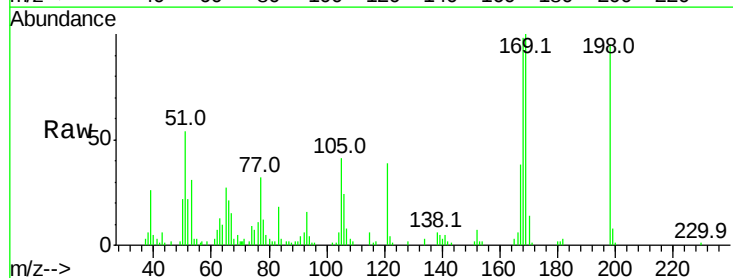
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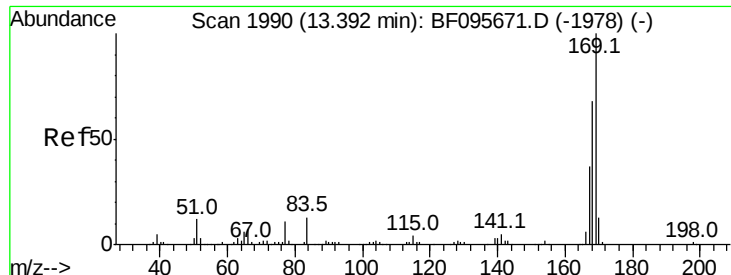
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.29 ng
RT: 13.27 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	57.0	53.2	93.2
105	43.3	45.8	85.8#





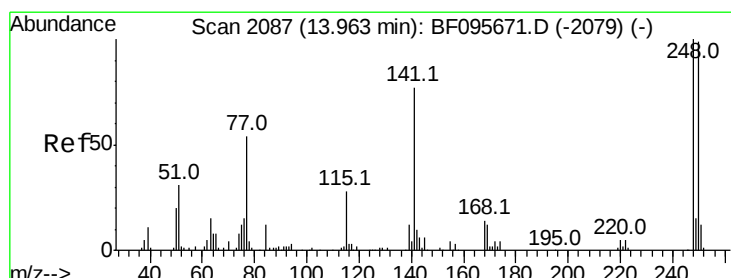
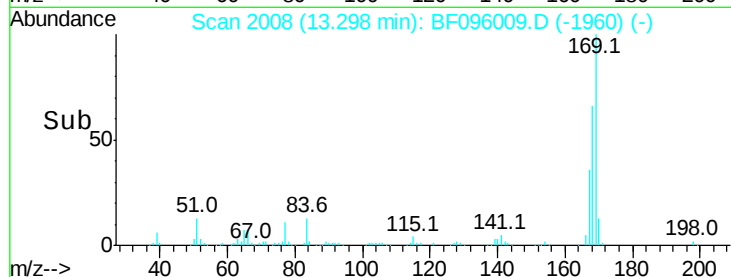
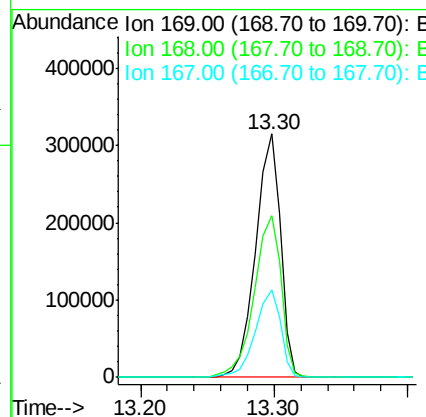
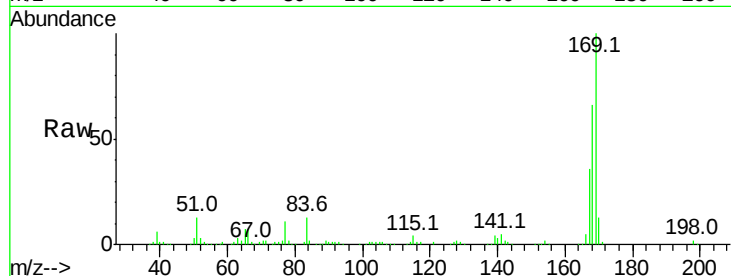
#65
n-Nitrosodiphenylamine
Concen: 55.31 ng
RT: 13.30 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.4	53.2	79.8	
167	36.1	29.5	44.3	

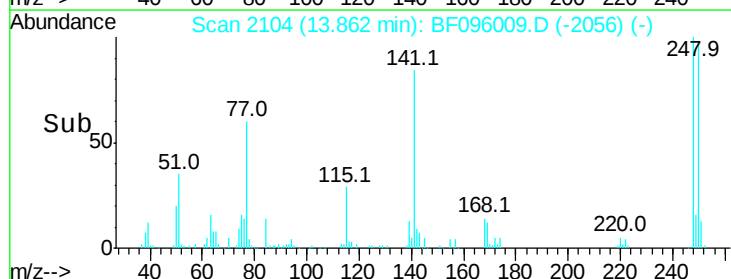
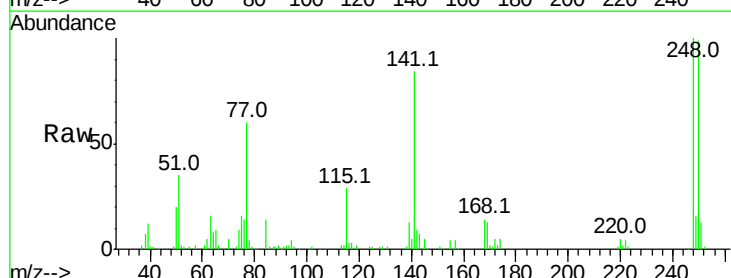
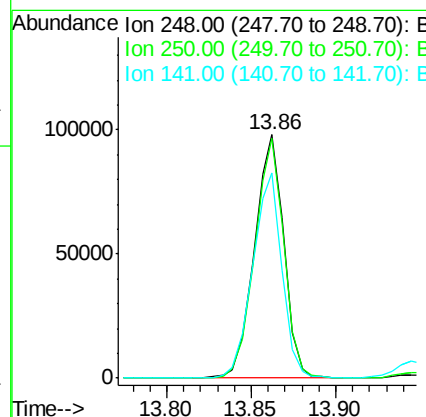
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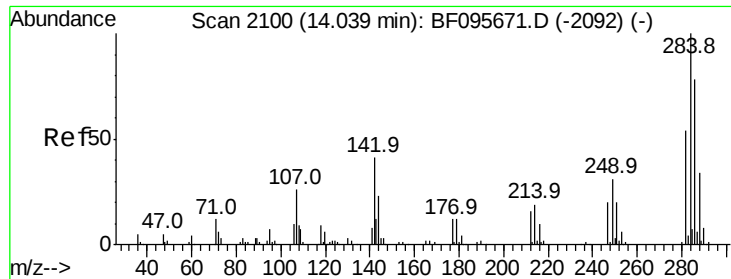
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 56.29 ng
RT: 13.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.6	76.8	115.2	
141	84.1	68.6	103.0	





#67

Hexachlorobenzene

Concen: 55.16 ng

RT: 13.94 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

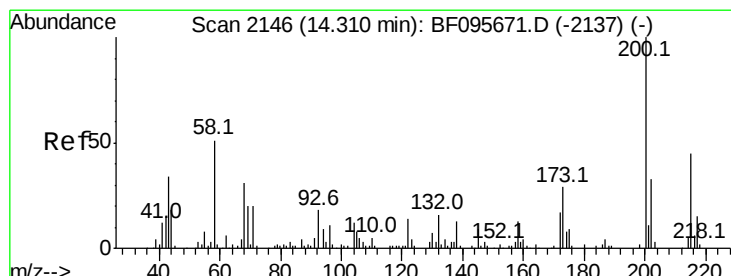
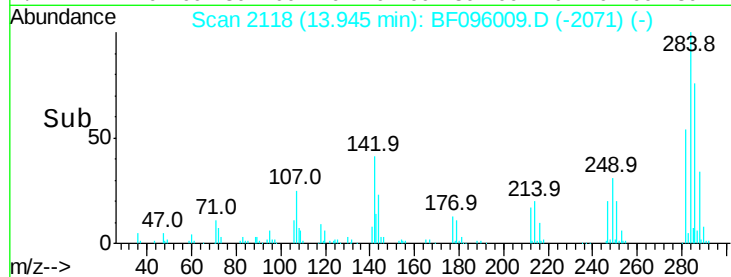
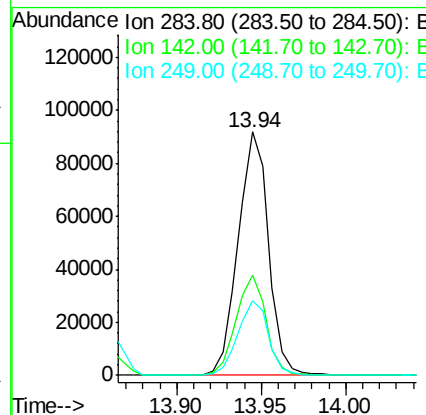
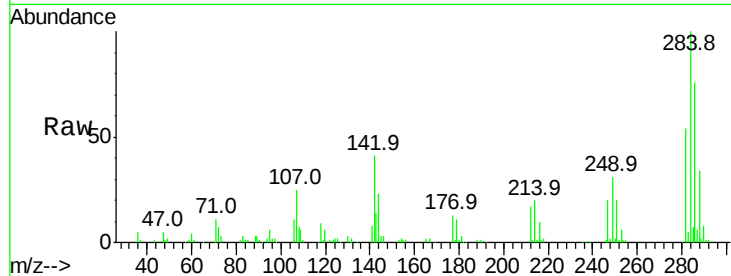
ClientSampleId :

WC061417-1MSD

Tot Ion:	284	Resp:	114617
Ion Ratio		Lower	Upper
284	100		
142	41.1	22.8	34.2#
249	30.6	24.0	36.0

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#68

Atrazine

Concen: 60.01 ng

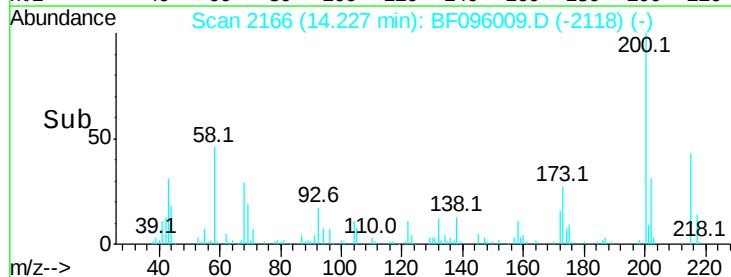
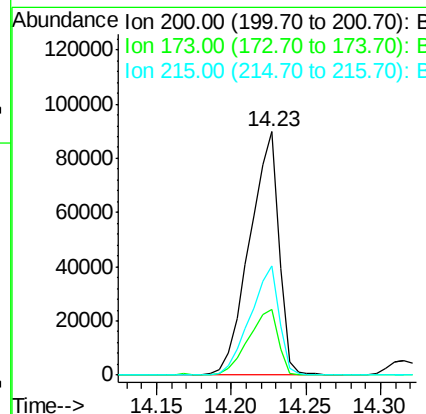
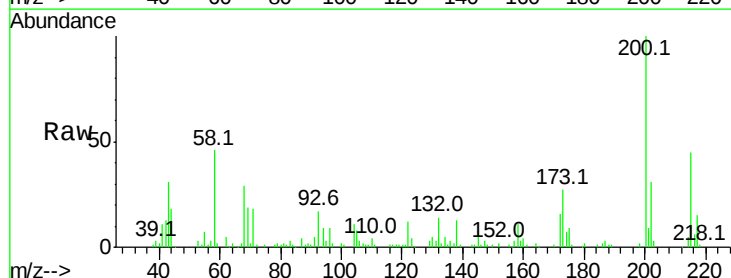
RT: 14.23 min Scan# 2166

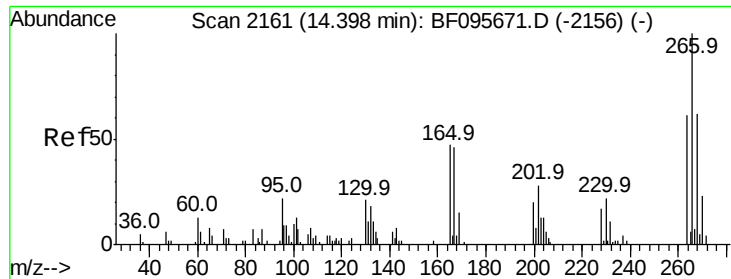
Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:	200	Resp:	121766
Ion Ratio		Lower	Upper
200	100		
173	27.0	6.3	46.3
215	44.7	27.2	67.2





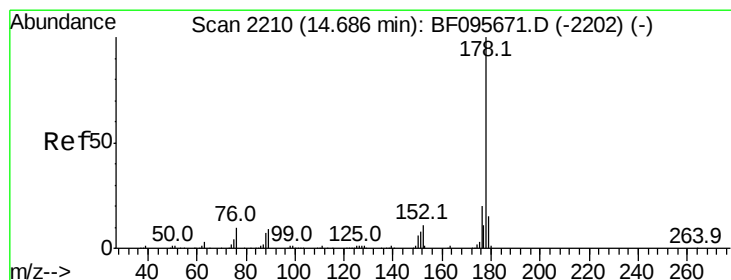
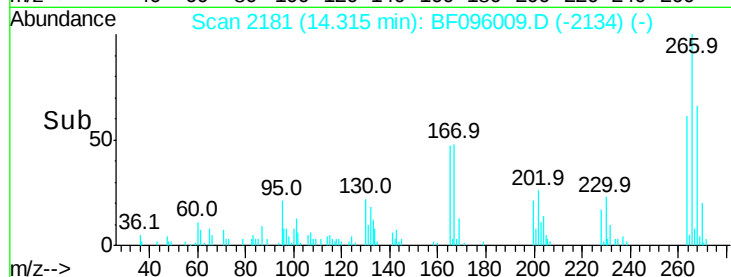
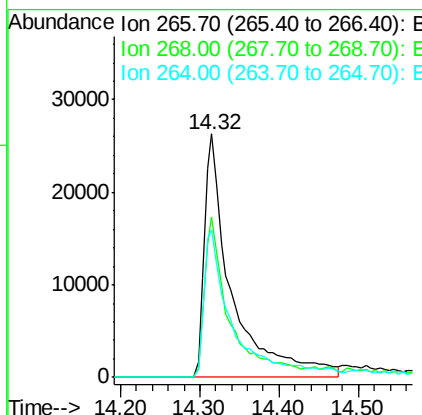
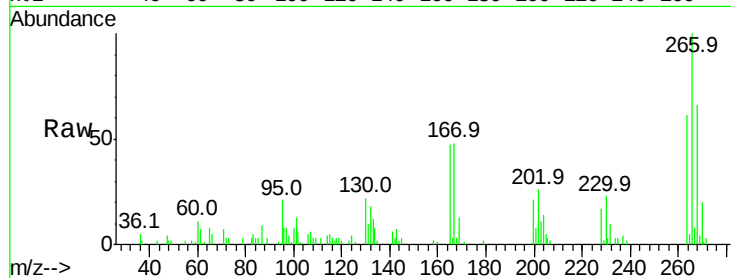
#69
 Pentachlorophenol
 Concen: 80.14 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	60.8	51.7	77.5

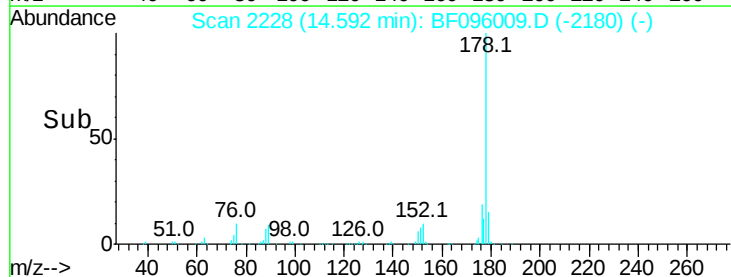
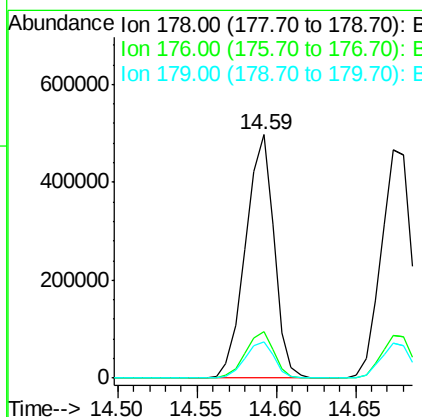
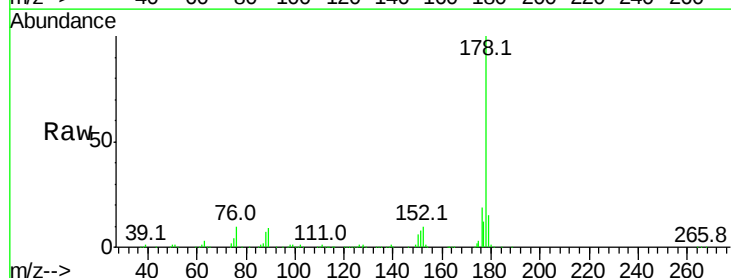
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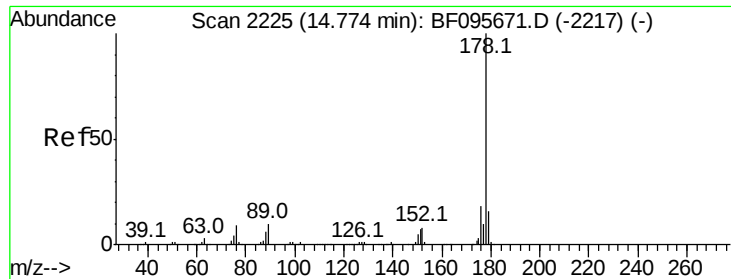
mohammad
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#70
 Phenanthrene
 Concen: 53.14 ng
 RT: 14.59 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.9	12.6	19.0





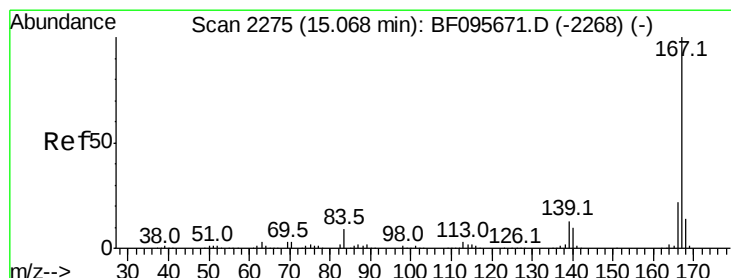
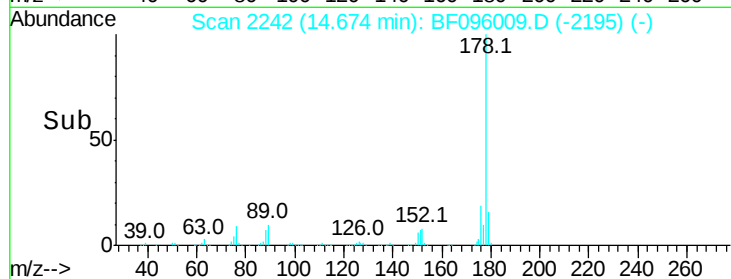
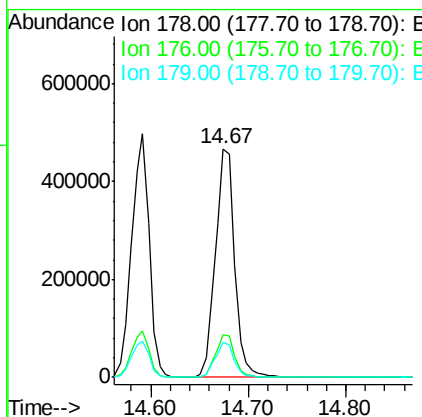
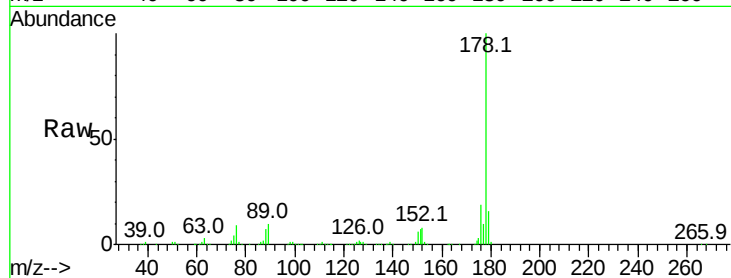
#71
 Anthracene
 Concen: 52.47 ng
 RT: 14.67 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.5	12.7	19.1

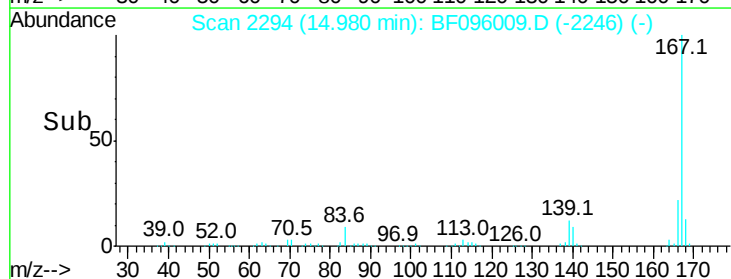
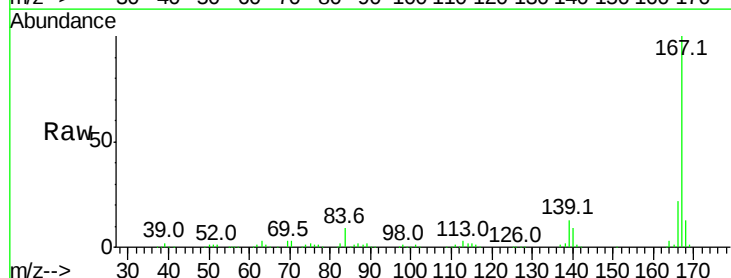
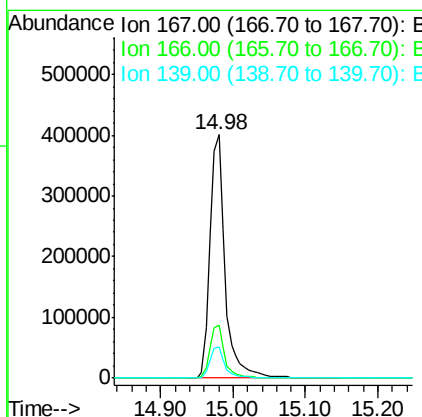
Manual Integrations
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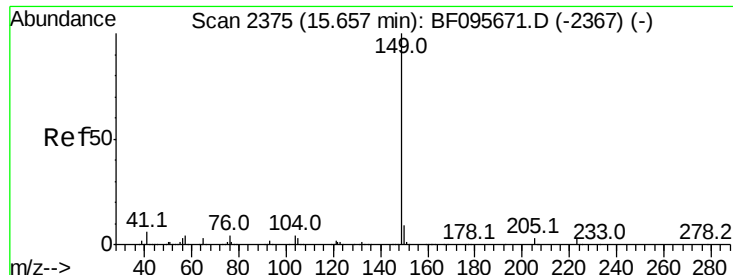
mohammad
 6/20/2017 4:28:54 PM



#72
 Carbazole
 Concen: 48.84 ng
 RT: 14.98 min Scan# 2294
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.6	11.7	17.5





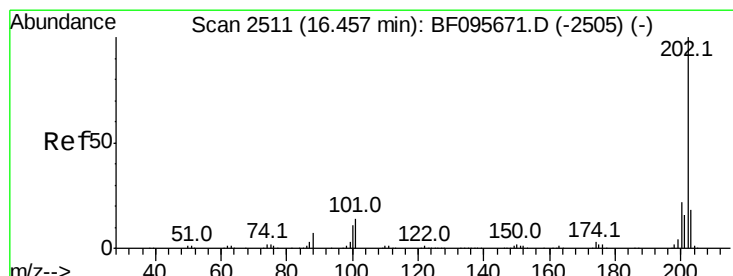
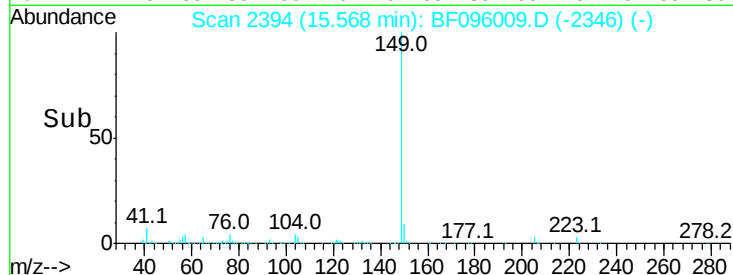
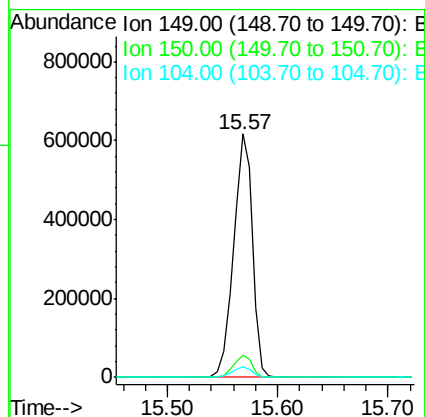
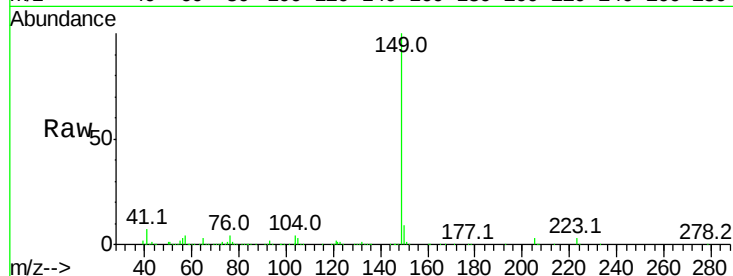
#73
Di-n-butylphthalate
Concen: 58.07 ng
RT: 15.57 min Scan# 2394
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.7	11.5	
104	4.1	4.0	6.0	

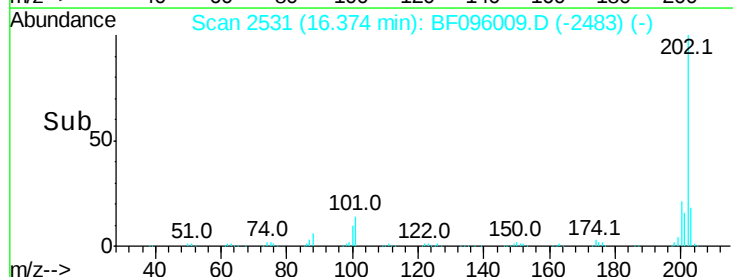
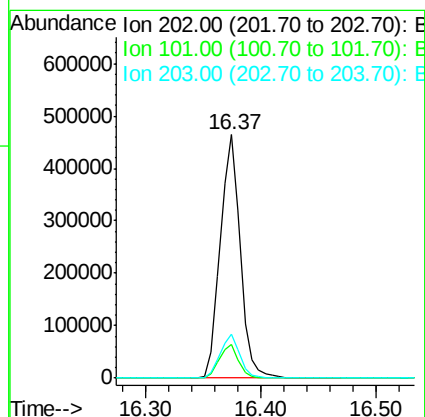
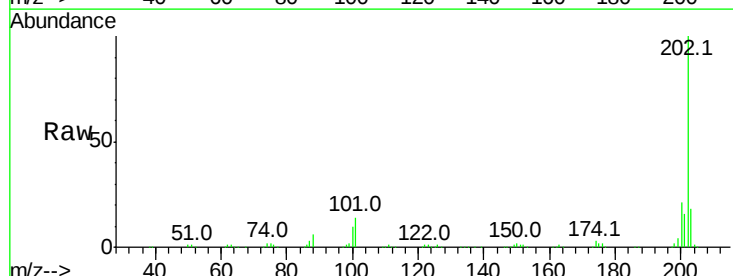
Manual Integrations
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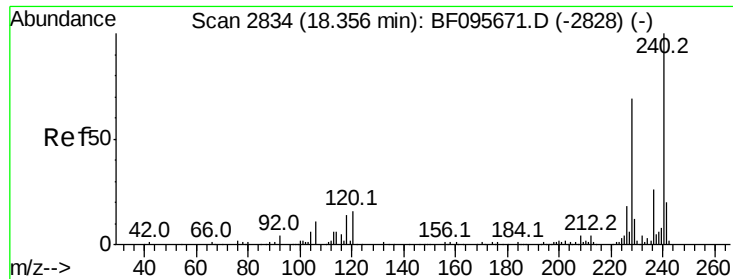
mohammad
6/20/2017 4:28:54 PM



#74
Fluoranthene
Concen: 48.21 ng
RT: 16.37 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

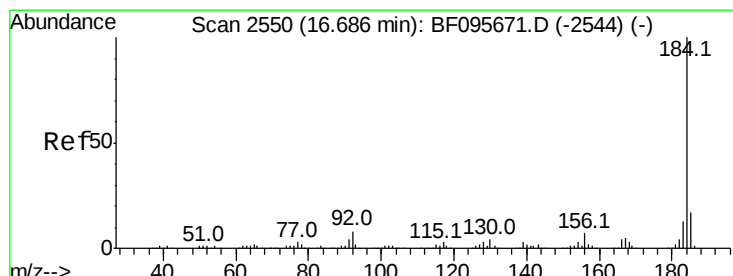
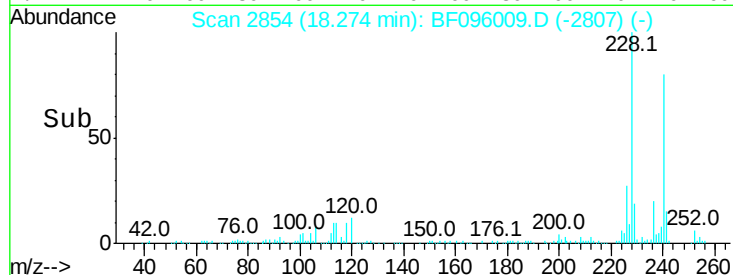
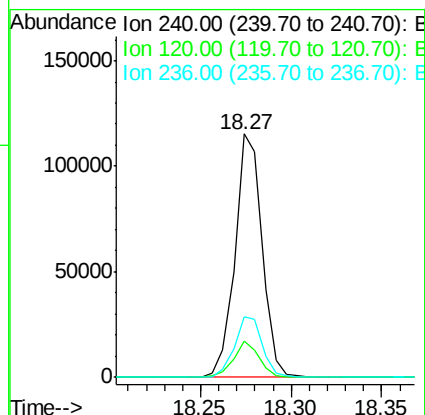
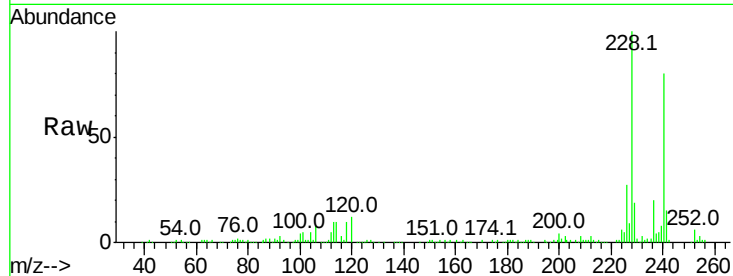
ClientSampleId :

WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.1	20.5	30.7

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#76

Benzidine

Concen: 30.08 ng

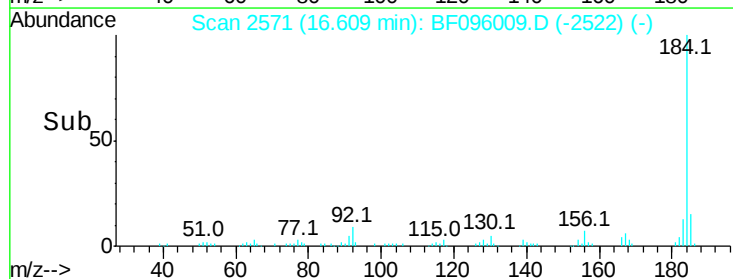
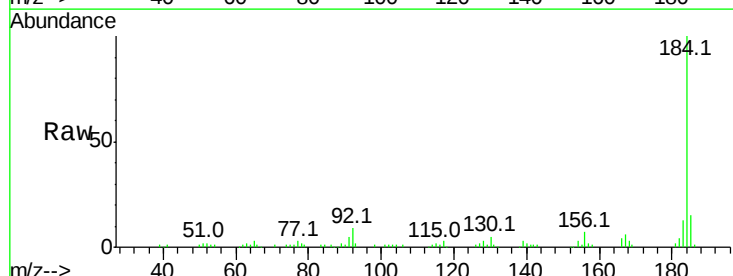
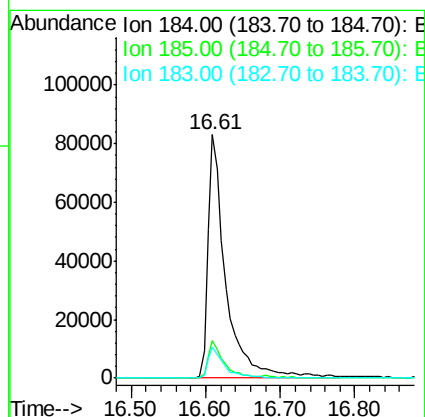
RT: 16.61 min Scan# 2571

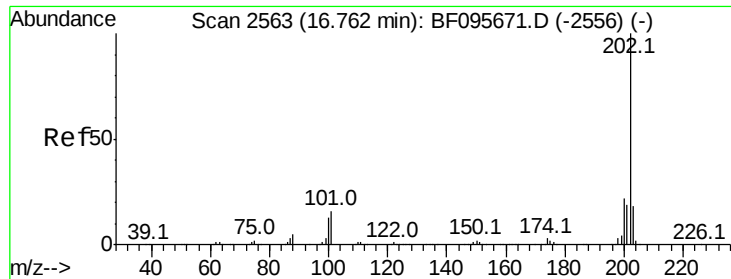
Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	15.5	23.3#
183	12.8	9.8	14.6





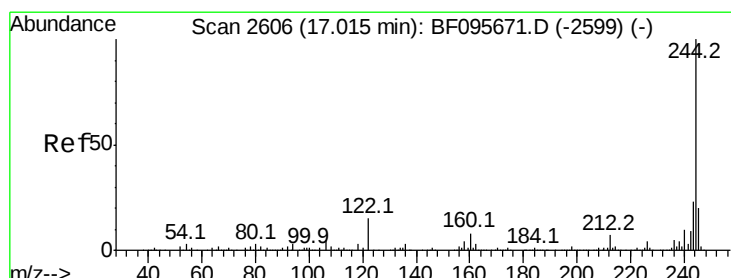
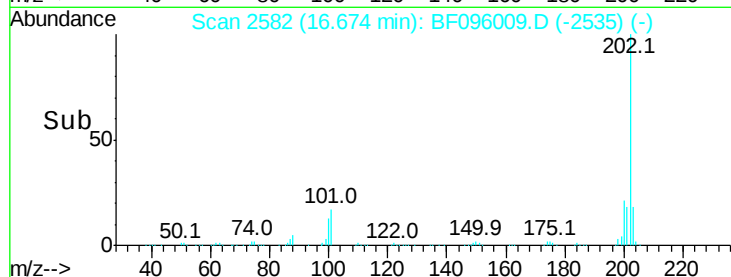
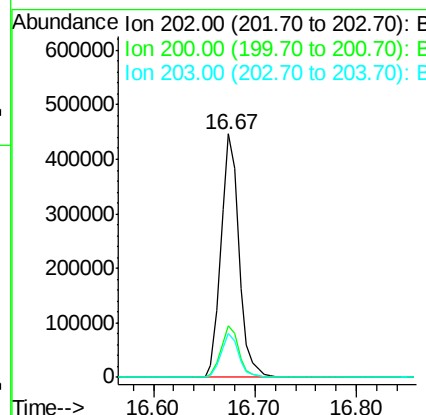
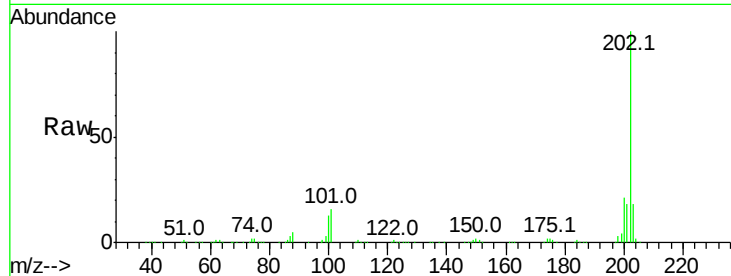
#77
Pvrene
Concen: 61.54 ng
RT: 16.67 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	551669		
200	21.1		17.6	26.4
203	18.2		14.4	21.6

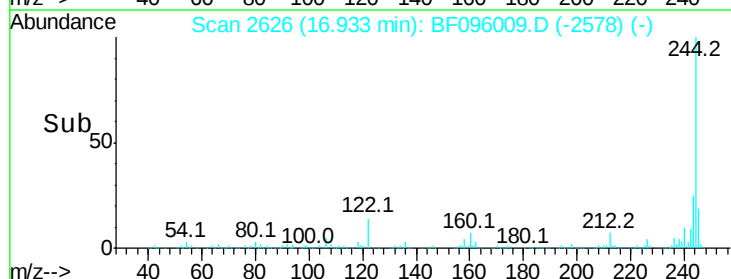
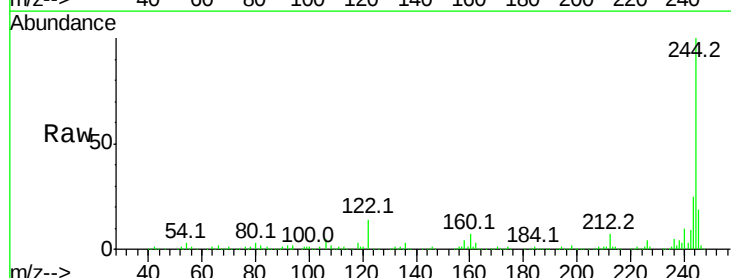
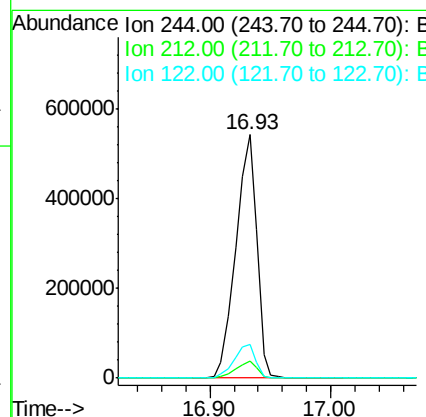
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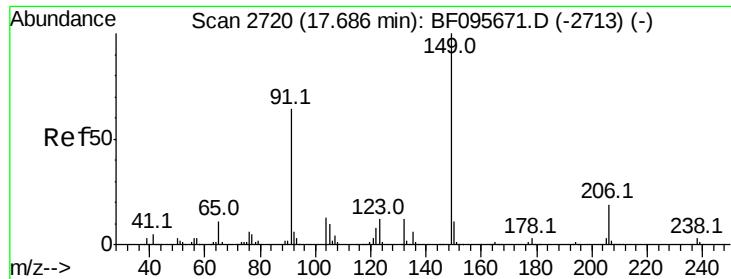
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#78
Terphenyl-d14
Concen: 135.65 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	656667		
212	6.9		6.0	9.0
122	13.6		10.3	15.5





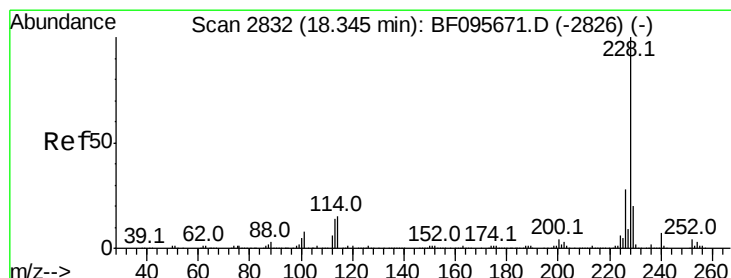
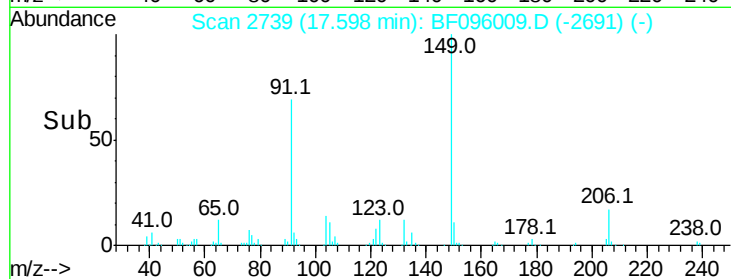
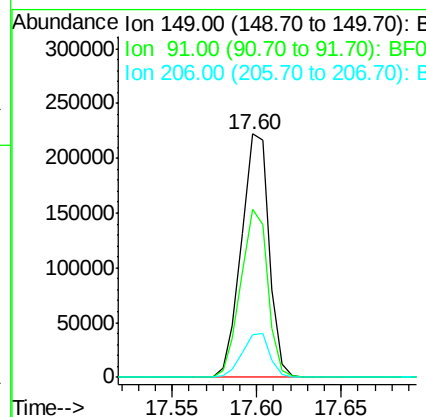
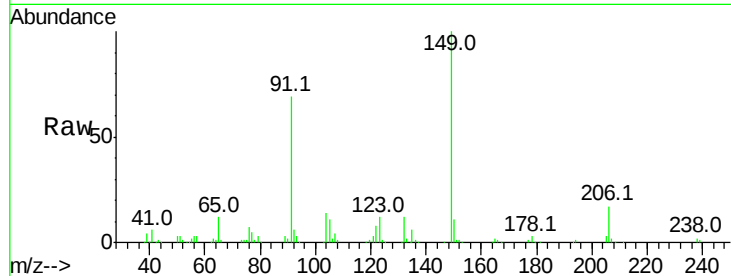
#79
Butylbenzylphthalate
Concen: 64.97 ng
RT: 17.60 min Scan# 2739
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	254346		
91	69.2	45.0	67.4#	
206	17.4	17.0	25.6	

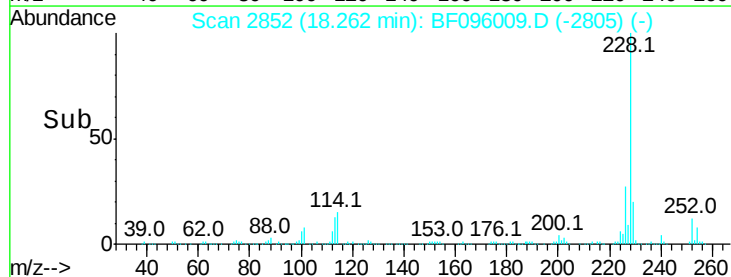
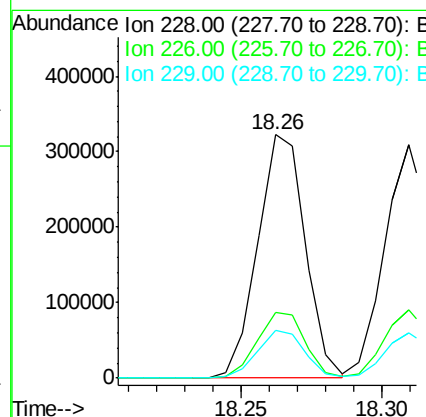
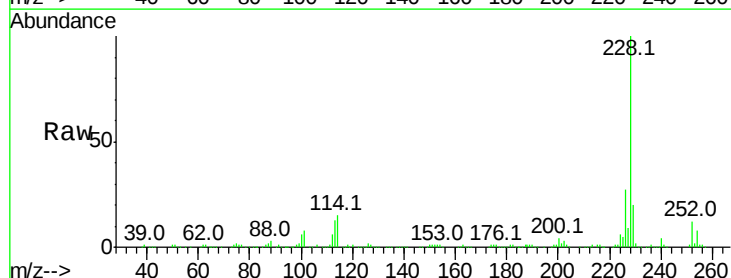
Manual Integrations
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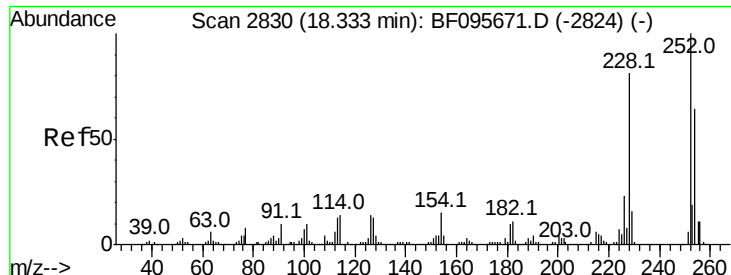
mohammad
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#80
Benzo(a)anthracene
Concen: 53.93 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	376694		
226	27.2	22.6	33.8	
229	19.8	16.3	24.5	





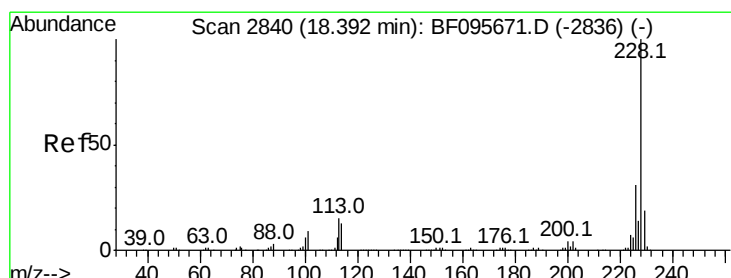
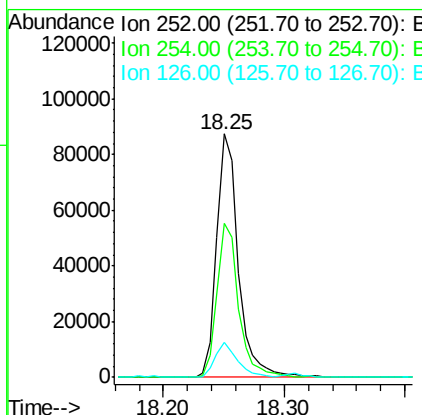
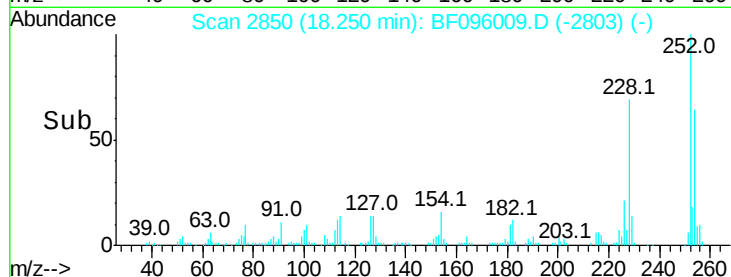
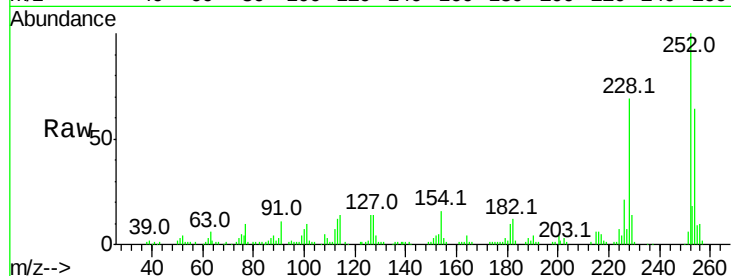
#81
 3,3'-Dichlorobenzidine
 Concen: 43.34 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	107643		
254	63.5		51.5	77.3
126	14.4		15.8	23.8

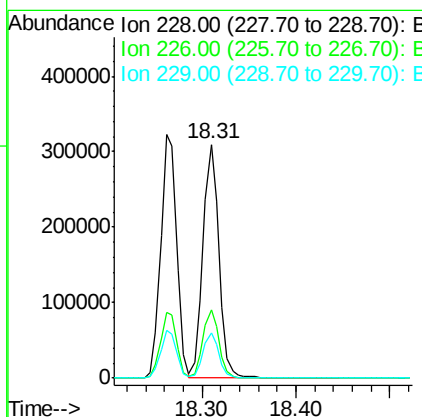
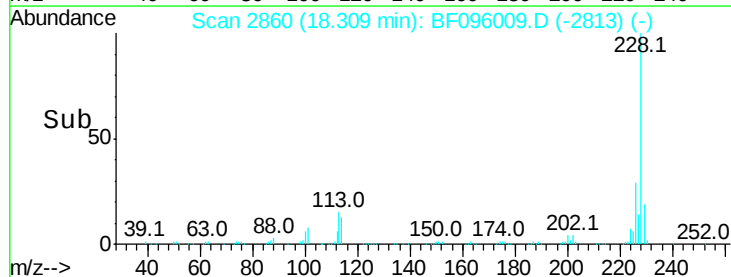
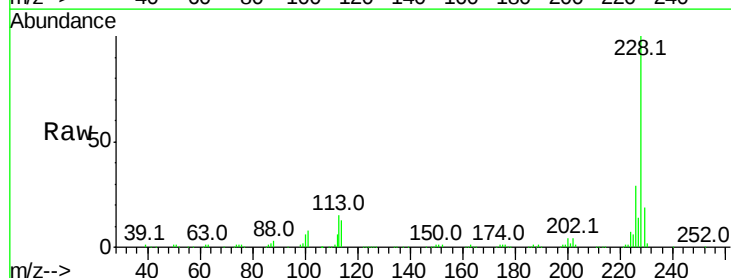
Manual Integrations
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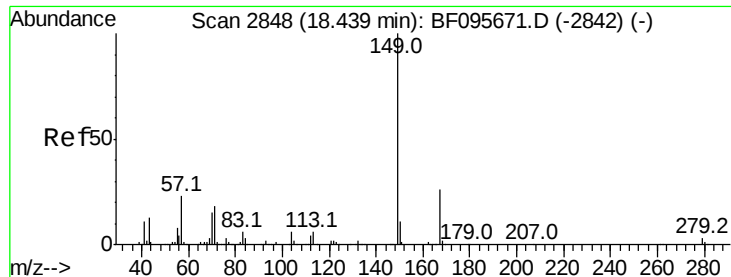
mohammad
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#82
 Chrysene
 Concen: 53.03 ng
 RT: 18.31 min Scan# 2860
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	370201		
226	29.0		24.9	37.3
229	19.3		15.8	23.6





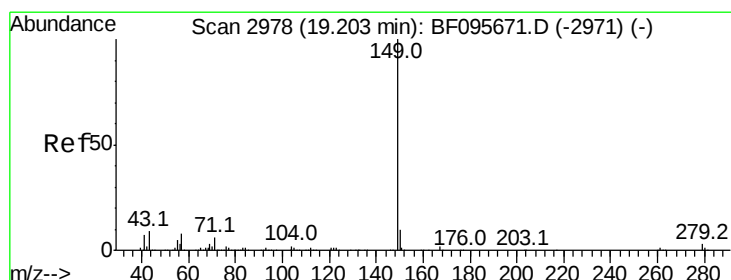
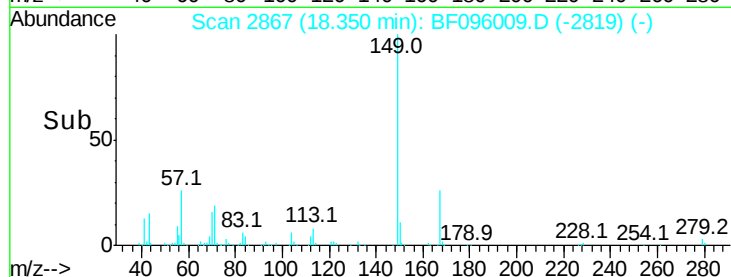
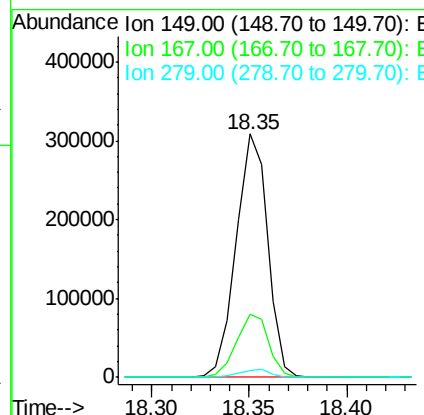
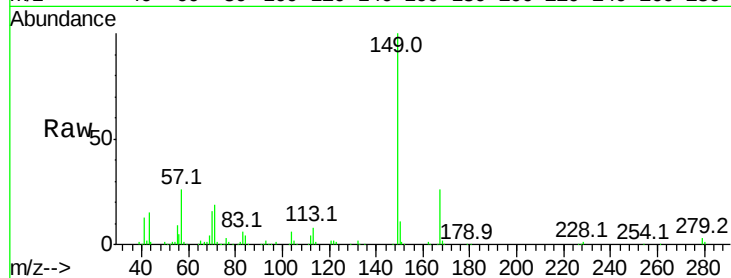
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.64 ng
 RT: 18.35 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.2	21.0	31.4	
279	3.0	1.9	2.9	

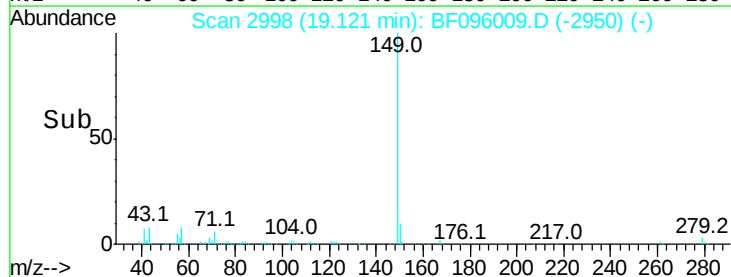
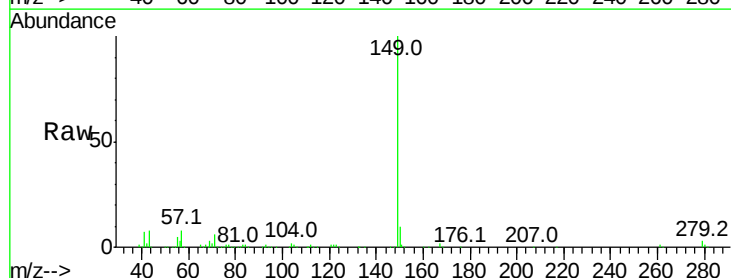
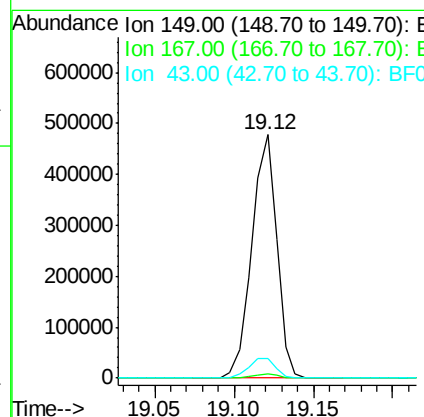
Manual Integrations
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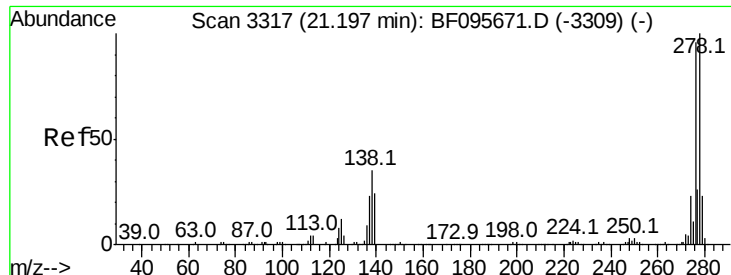
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 57.56 ng
 RT: 19.12 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	8.7	8.5	12.7	





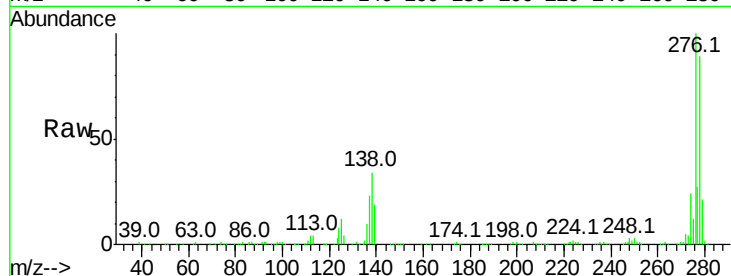
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.06 ng
RT: 21.10 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

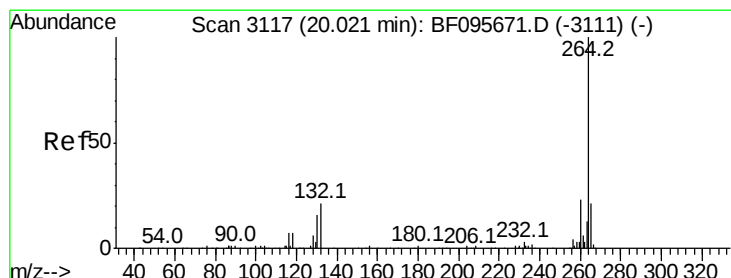
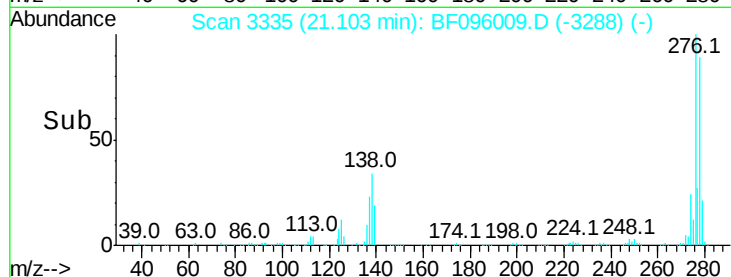
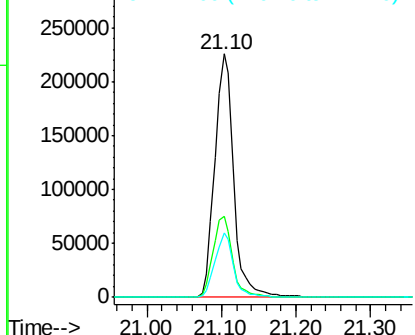
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.8	41.6
277	25.9	20.2	30.4

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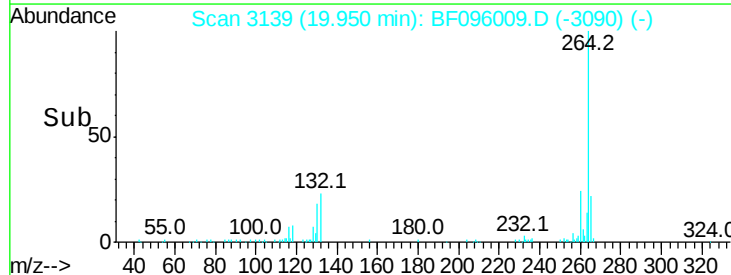
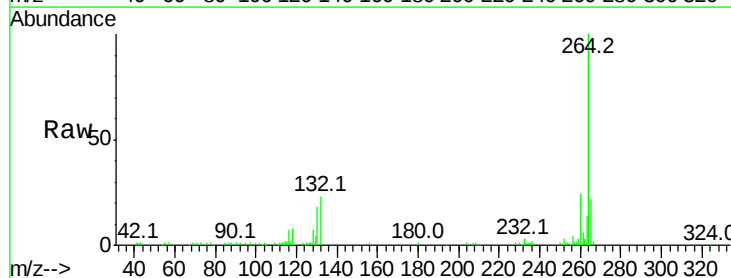
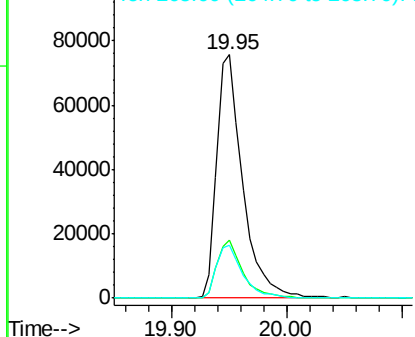
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

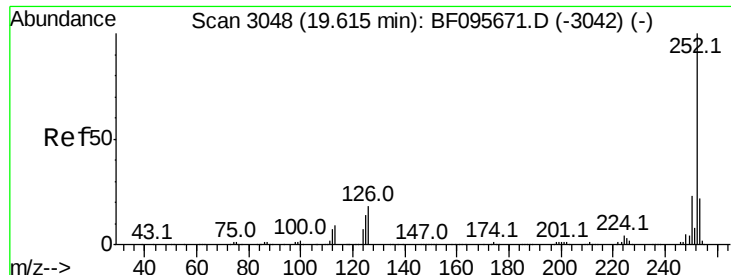


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.95 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.7	17.2	25.8

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





#87

Benzo(b)fluoranthene

Concen: 52.59 ng

RT: 19.54 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

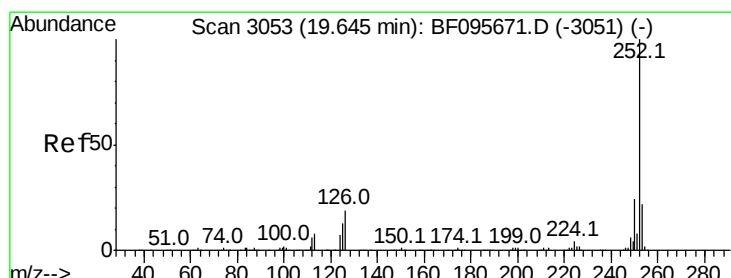
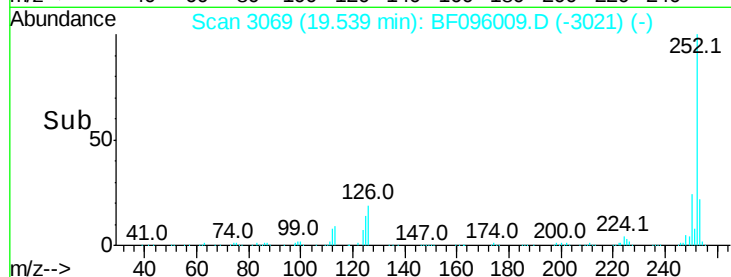
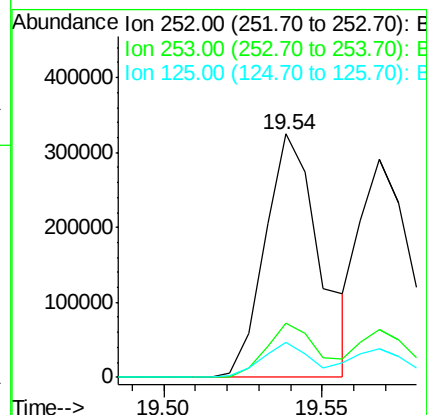
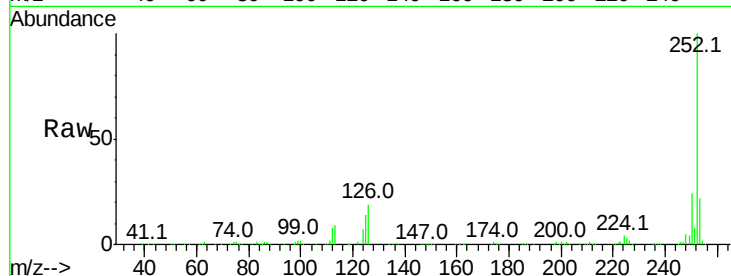
ClientSampleId :

WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	14.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 48.57 ng m

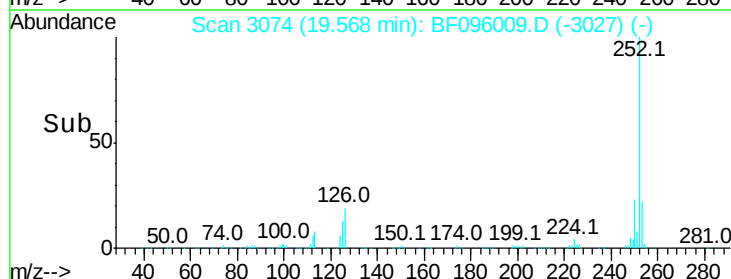
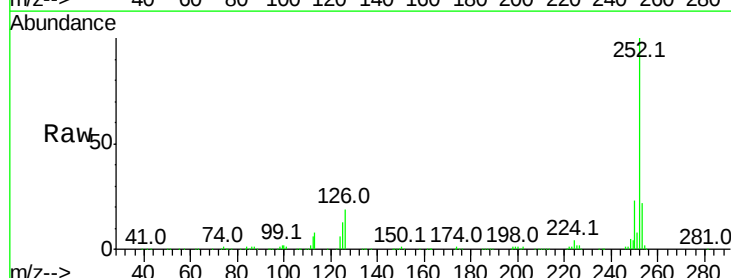
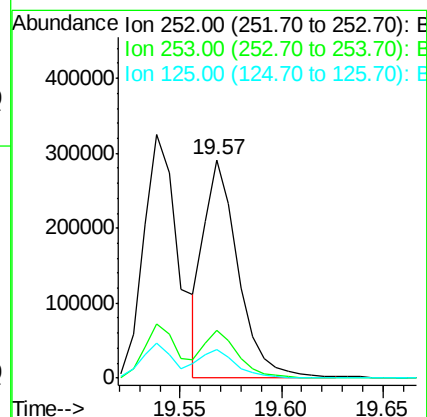
RT: 19.57 min Scan# 3074

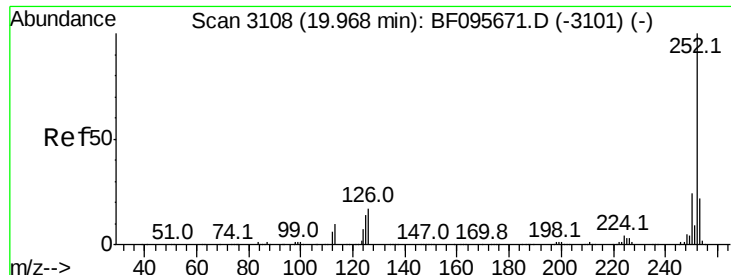
Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.1	13.1	19.7#





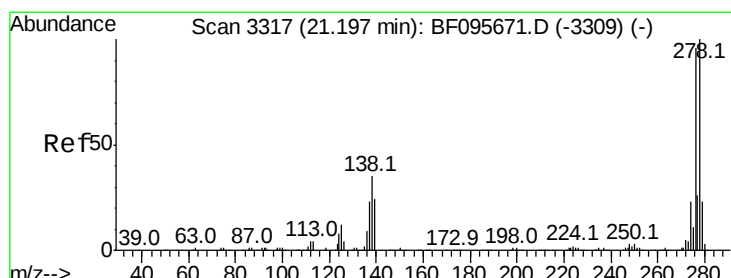
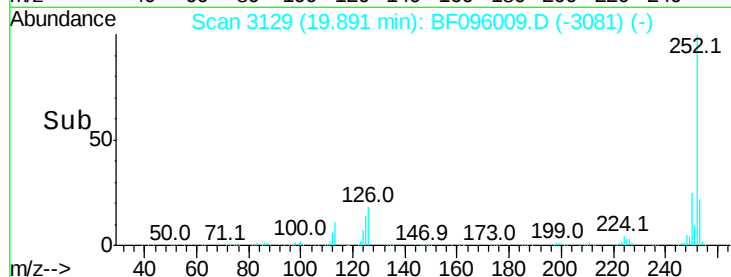
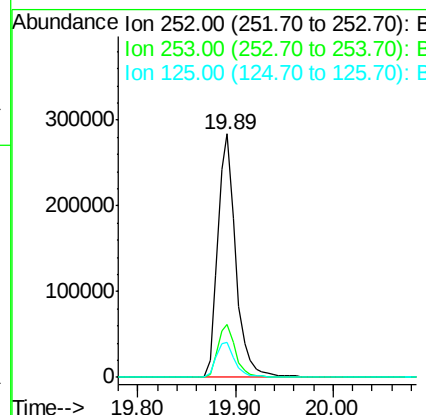
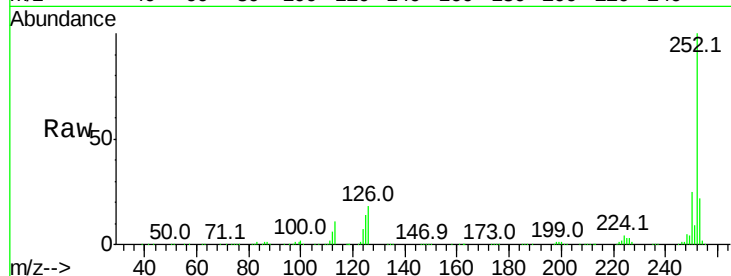
#89
Benzo(a)pyrene
Concen: 53.70 ng
RT: 19.89 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :
WC061417-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.2	11.0	16.4

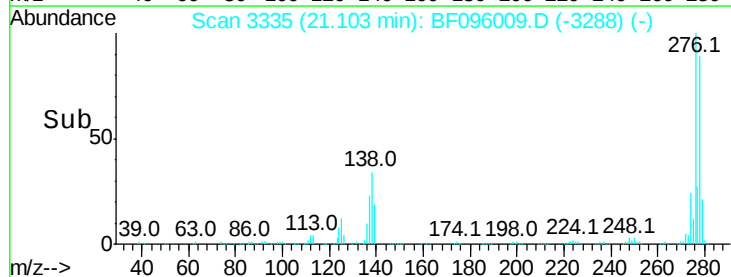
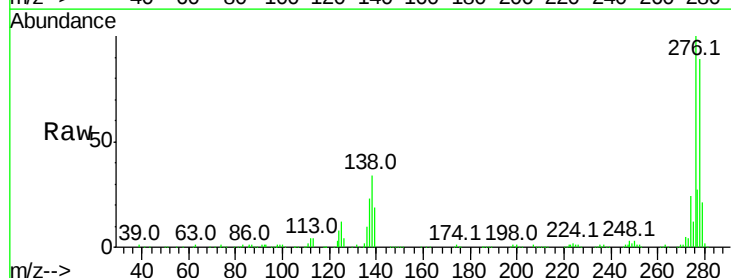
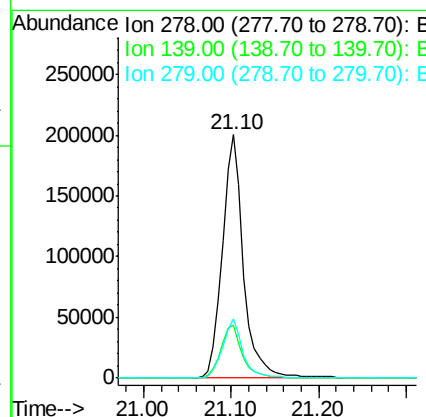
Manual Integrations
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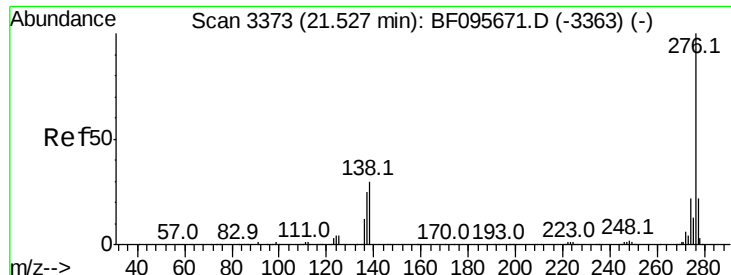
mohammad
6/20/2017 4:28:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 58.19 ng
RT: 21.10 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 57.33 ng
 RT: 21.43 min Scan# 3390
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC061417-1MSD

Tot Ion:	276	Resp:	336266
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.6	28.0
138	28.0	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:28:54 PM

