

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095571.D
 Acq On : 31 May 2017 19:03
 Operator : SJ/MA
 Sample : I3329-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(3-7)MSD

Manual Integrations
 APPROVED

mohammad
 6/1/2017 2:20:04 PM

Quant Time: Jun 01 05:21:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	102005	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	426300	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	188564	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	334089	20.00	ng	0.00
75) Chrysene-d12	18.51	240	227707	20.00	ng	0.00
86) Perylene-d12	20.18	264	195027	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	903664	147.70	ng	0.01
7) Phenol-d6	7.12	99	1103632	150.34	ng	0.00
23) Nitrobenzene-d5	8.47	82	658929	97.47	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	215642	139.64	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1234120	94.20	ng	0.00
78) Terphenyl-d14	17.17	244	996435	96.38	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.92	88	117655	39.21	ng	97
3) Pyridine	2.52	79	300372	43.19	ng	98
4) n-Nitrosodimethylamine	2.48	42	129460	44.66	ng	79
6) Aniline	7.05	93	230866	24.91	ng	94
8) 2-Chlorophenol	7.24	128	347069	49.84	ng	96
9) Benzaldehyde	6.87	77	76981	17.17	ng	95
10) Phenol	7.13	94	445505	57.59	ng	92
11) bis(2-Chloroethyl)ether	7.20	93	300782	47.10	ng	97
12) 1,3-Dichlorobenzene	7.45	146	364312	46.12	ng	99
13) 1,4-Dichlorobenzene	7.58	146	375115	46.82	ng	96
14) 1,2-Dichlorobenzene	7.81	146	357689	47.83	ng	97
15) Benzyl Alcohol	7.85	79	297287	62.96	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.05	45	434096	48.03	ng	95
17) 2-Methylphenol	8.08	107	297360	52.18	ng	97
18) Hexachloroethane	8.33	117	122545	45.16	ng	# 86
19) n-Nitroso-di-n-propylamine	8.28	70	246151	49.58	ng	94
20) 3+4-Methylphenols	8.35	107	381920	49.32	ng	# 62
22) Acetophenone	8.24	105	496798	48.57	ng	# 85
24) Nitrobenzene	8.50	77	346462	48.89	ng	96
25) Isophorone	8.90	82	623990	51.69	ng	95
26) 2-Nitrophenol	9.01	139	185256	48.45	ng	98
27) 2,4-Dimethylphenol	9.15	122	303443	49.09	ng	97
28) bis(2-Chloroethoxy)methane	9.27	93	416457	49.87	ng	99
29) 2,4-Dichlorophenol	9.45	162	311429	53.35	ng	99
30) 1,2,4-Trichlorobenzene	9.51	180	293666	46.96	ng	99
31) Naphthalene	9.62	128	1010493	47.16	ng	99
33) 4-Chloroaniline	9.78	127	176296	22.08	ng	# 93
34) Hexachlorobutadiene	9.84	225	141345	42.84	ng	98
35) Caprolactam	10.38	113	93142m	53.14	ng	
36) 4-Chloro-3-methylphenol	10.64	107	330390	52.94	ng	91
37) 2-Methylnaphthalene	10.75	142	708322	50.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.02	216	276598	47.70	ng	99
40) Hexachlorocyclopentadiene	10.99	237	121991	52.31	ng	98
42) 2,4,6-Trichlorophenol	11.25	196	165487	42.74	ng	97

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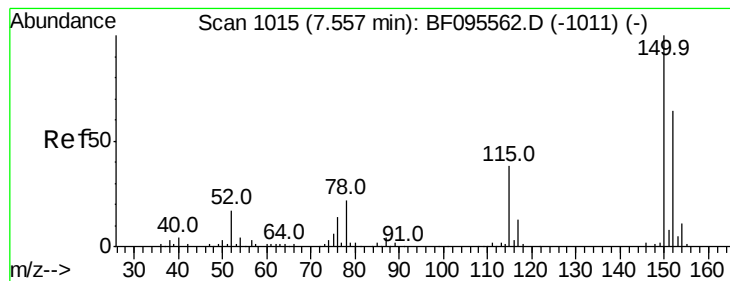
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.35	196	175010	42.06	nq	93
45) 1,1'-Biphenyl	11.51	154	770276	48.52	nq	98
46) 2-Chloronaphthalene	11.53	162	604164	47.13	nq	96
47) 2-Nitroaniline	11.75	65	188731	53.79	nq	# 85
48) Acenaphthylene	12.18	152	906525	45.15	nq	98
49) Dimethylphthalate	12.07	163	990345	63.98	nq	99
50) 2,6-Dinitrotoluene	12.17	165	149573	47.36	nq	92
51) Acenaphthene	12.47	154	579665	48.33	nq	97
52) 3-Nitroaniline	12.43	138	112978	33.33	nq	90
53) 2,4-Dinitrophenol	12.69	184	6761	9.83	nq	# 73
54) Dibenzofuran	12.75	168	899946	54.23	nq	99
55) 4-Nitrophenol	12.83	139	118414	58.16	nq	# 62
56) 2,4-Dinitrotoluene	12.83	165	228386	56.28	nq	# 90
57) Fluorene	13.31	166	691943	47.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.00	232	115442	44.08	nq	# 94
59) Diethylphthalate	13.21	149	714540	48.16	nq	99
60) 4-Chlorophenyl-phenylether	13.33	204	306760	48.37	nq	91
61) 4-Nitroaniline	13.43	138	159841	51.37	nq	96
62) Azobenzene	13.59	77	669617	56.16	nq	95
64) 4,6-Dinitro-2-methylphenol	13.51	198	39751	17.75	nq	79
65) n-Nitrosodiphenylamine	13.55	169	611286	50.41	nq	100
66) 4-Bromophenyl-phenylether	14.12	248	172755	48.94	nq	97
67) Hexachlorobenzene	14.21	284	170330	47.09	nq	# 90
68) Atrazine	14.47	200	180523	52.73	nq	97
69) Pentachlorophenol	14.57	266	69501	45.24	nq	97
70) Phenanthrene	14.85	178	941056	49.02	nq	98
71) Anthracene	14.94	178	966540	49.29	nq	98
72) Carbazole	15.22	167	924424	51.82	nq	98
73) Di-n-butylphthalate	15.80	149	1121502	50.41	nq	98
74) Fluoranthene	16.61	202	937792	47.63	nq	98
76) Benzidine	16.84	184	276469	45.32	nq	# 92
77) Pyrene	16.91	202	875002	51.38	nq	100
79) Butylbenzylphthalate	17.82	149	424315	53.57	nq	# 87
80) Benzo(a)anthracene	18.50	228	653669	49.32	nq	98
81) 3,3'-Dichlorobenzidine	18.48	252	168132	36.73	nq	# 97
82) Chrysene	18.54	228	586851	45.80	nq	98
83) Bis(2-ethylhexyl)phthalate	18.57	149	606338	53.72	nq	# 99
84) Di-n-octyl phthalate	19.34	149	900934	48.69	nq	97
85) Indeno(1,2,3-cd)pyrene	21.43	276	581187	55.85	nq	99
87) Benzo(b)fluoranthene	19.78	252	579035	48.05	nq	97
88) Benzo(k)fluoranthene	19.80	252	509086	43.79	nq	97
89) Benzo(a)pyrene	20.12	252	529565	47.62	nq	98
90) Dibenzo(a,h)anthracene	21.42	278	484384	52.74	nq	97
91) Benzo(g,h,i)perylene	21.78	276	518279	57.51	nq	99

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



#1

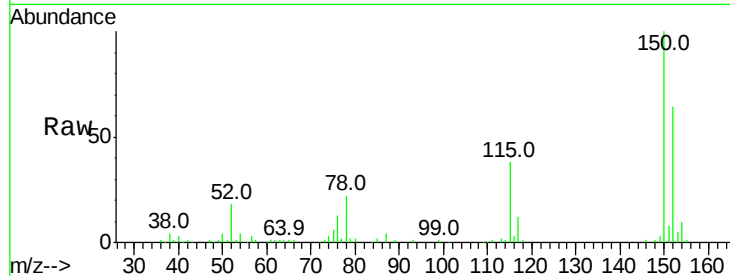
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

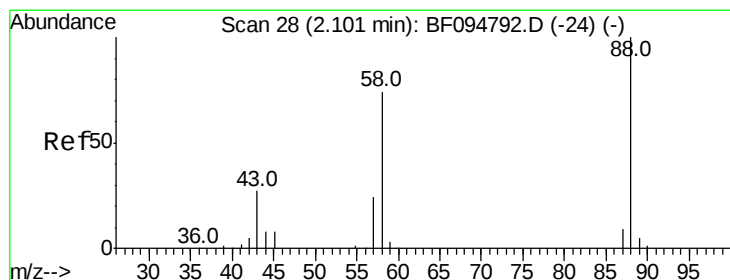
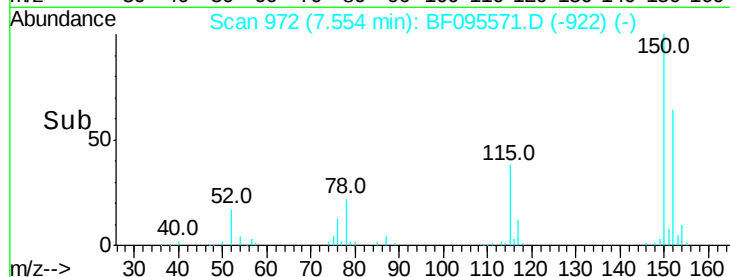
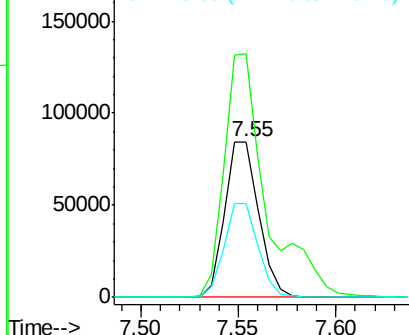
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	60.0	52.2	78.2

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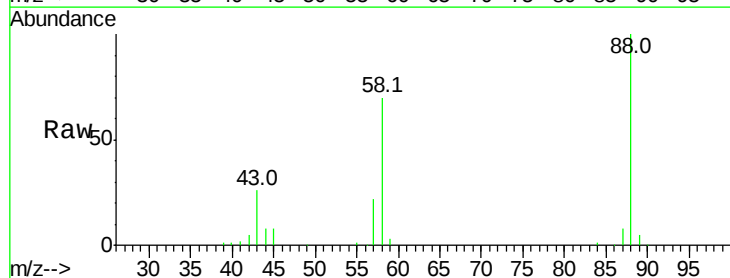
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



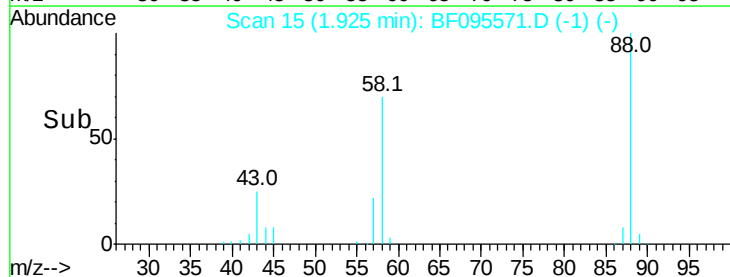
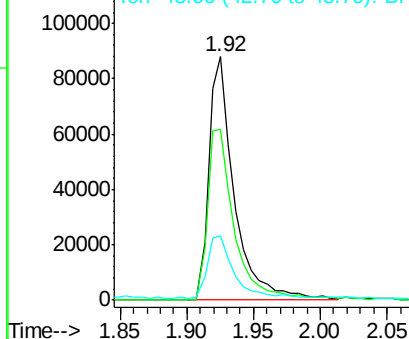
#2

1,4-Dioxane
Concen: 39.21 ng
RT: 1.92 min Scan# 15
Delta R.T. 0.05 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	61.4	92.0
43	26.0	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.19 ng

RT: 2.52 min Scan# 116

Delta R.T. 0.05 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

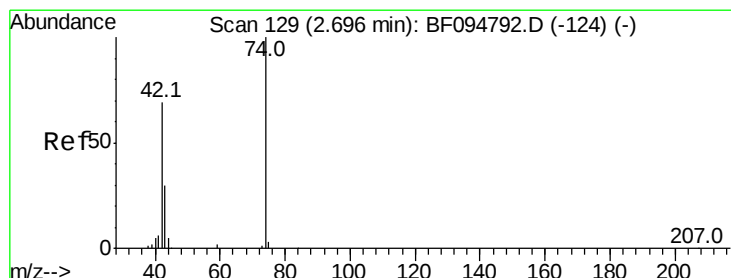
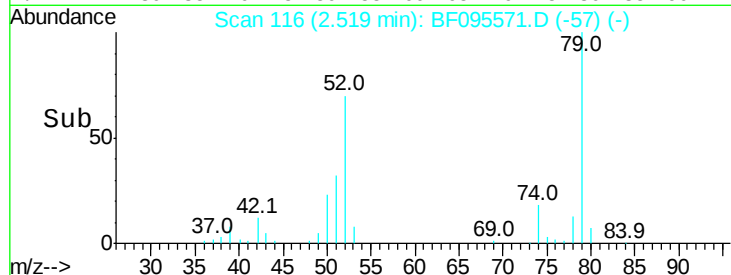
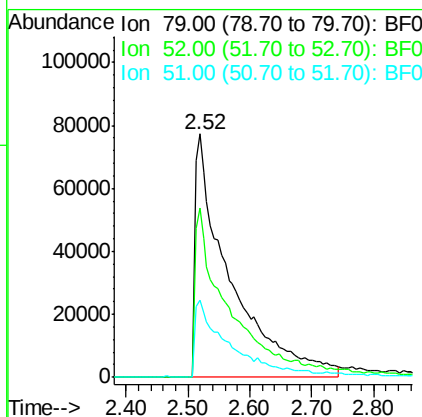
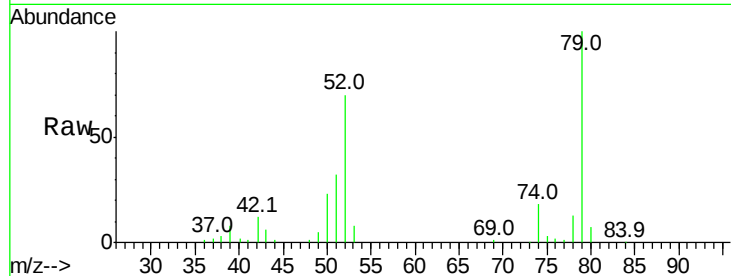
ClientSampleId :

B-7(3-7)MSD

Tot Ion:	79	Resp:	300372
Ion Ratio	Lower	Upper	
79	100		
52	69.8	54.8	82.2
51	31.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 44.66 ng

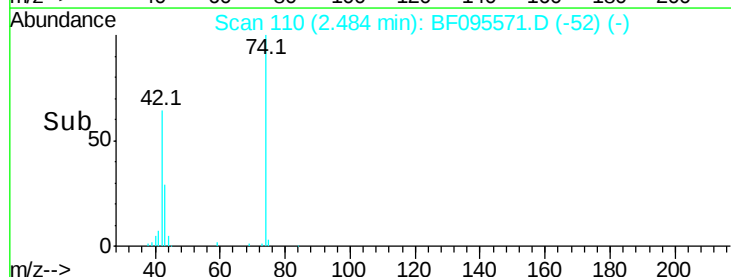
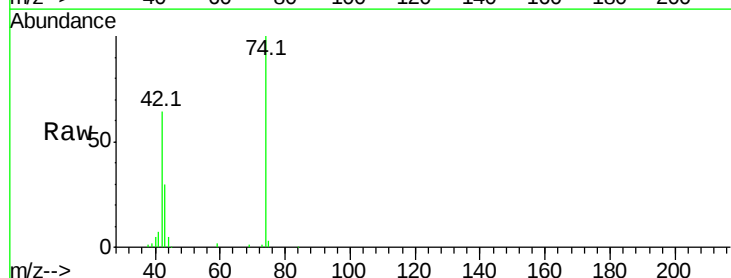
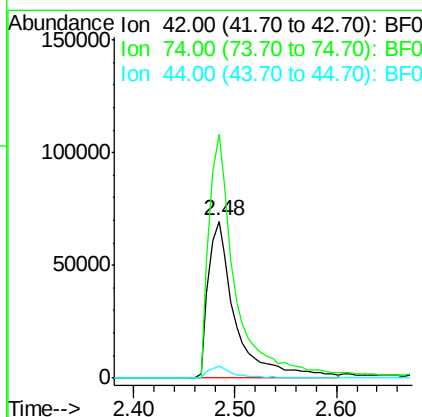
RT: 2.48 min Scan# 110

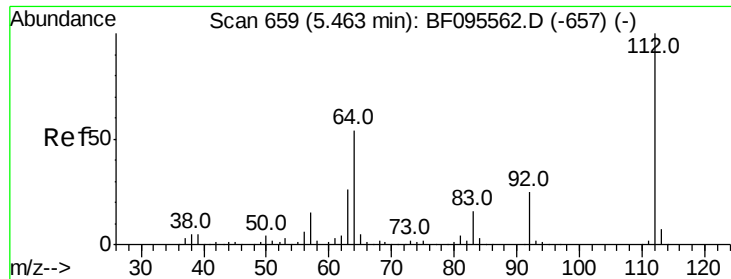
Delta R.T. 0.04 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion:	42	Resp:	129460
Ion Ratio	Lower	Upper	
42	100		
74	155.4	103.9	155.9
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 147.70 ng

RT: 5.48 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

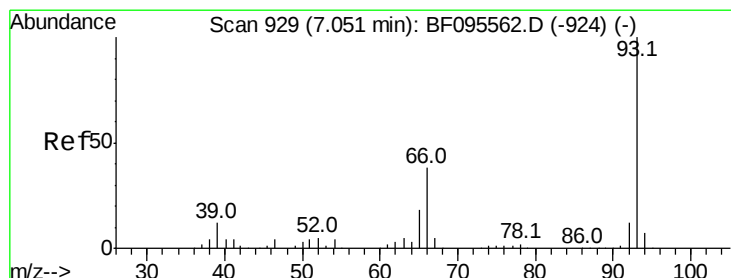
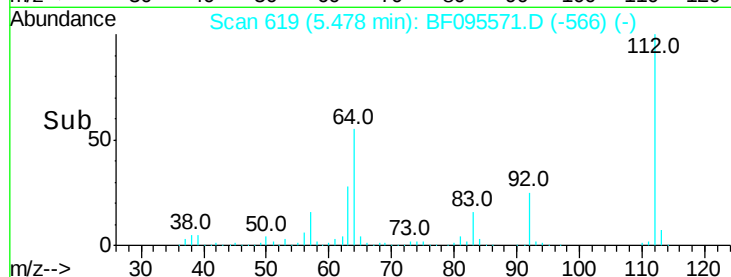
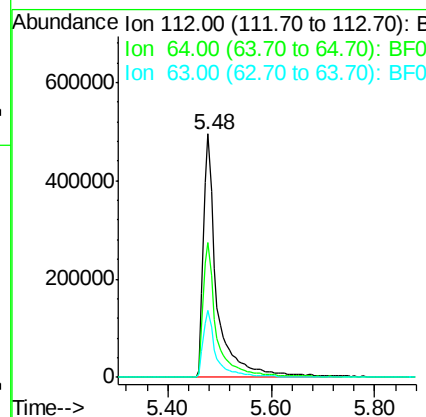
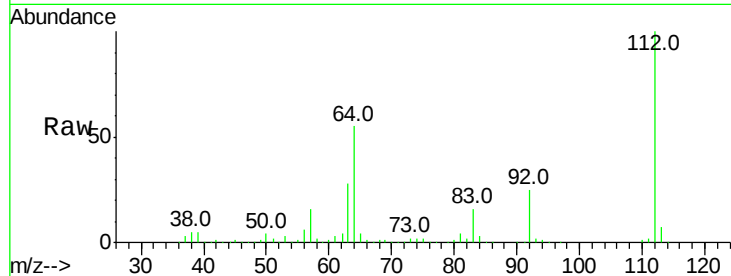
ClientSampleId :

B-7(3-7)MSD

Tot Ion:	112	Resp:	903664
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.7	23.4	35.0

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#6

Aniline

Concen: 24.91 ng

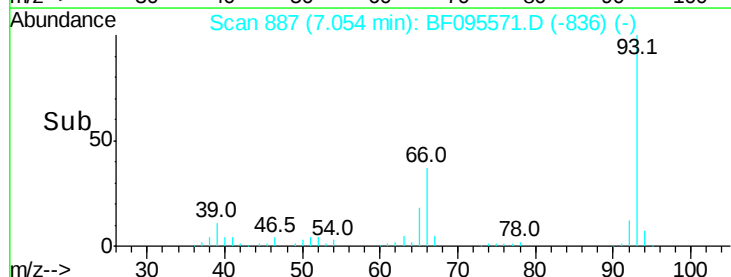
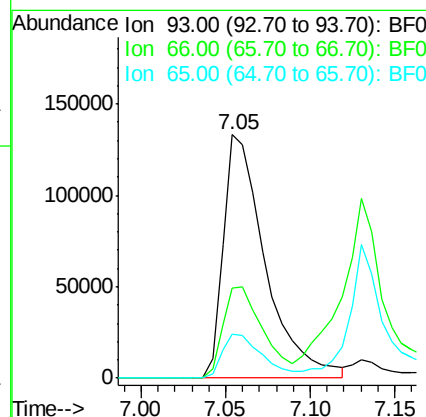
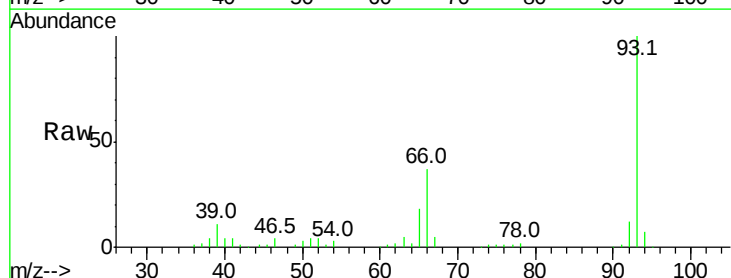
RT: 7.05 min Scan# 887

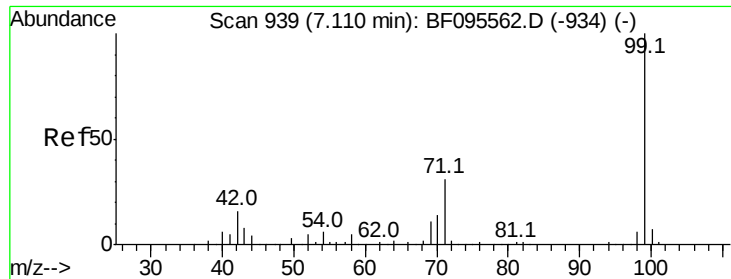
Delta R.T. 0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion:	93	Resp:	230866
Ion Ratio	Lower	Upper	
93	100		
66	37.0	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 150.34 ng

RT: 7.12 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

ClientSampleId :

B-7(3-7)MSD

Tot Ion: 99 Resp: 1103632

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

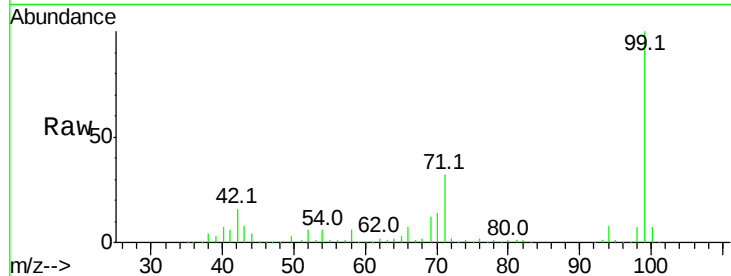
71 31.9 24.5 36.7

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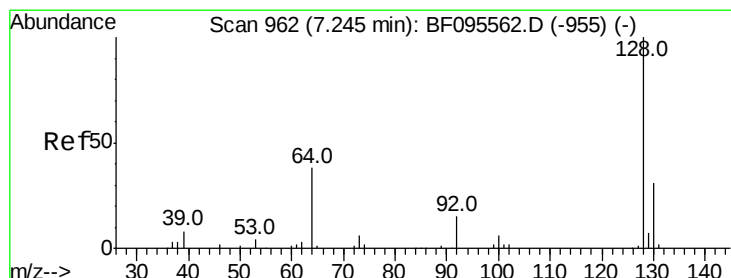
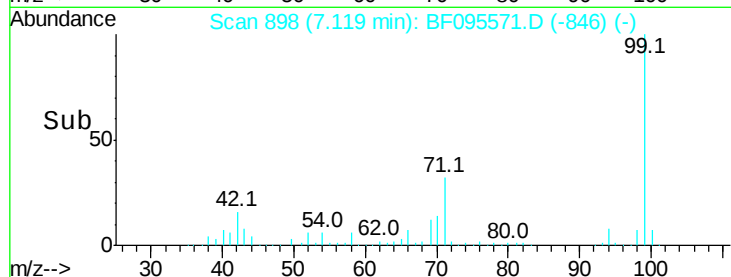
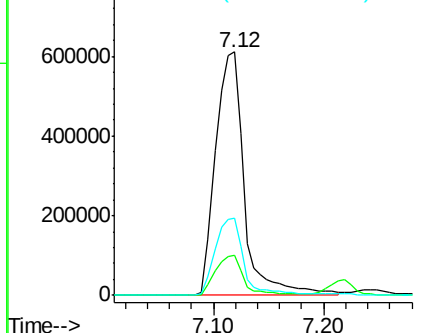
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.84 ng

RT: 7.24 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

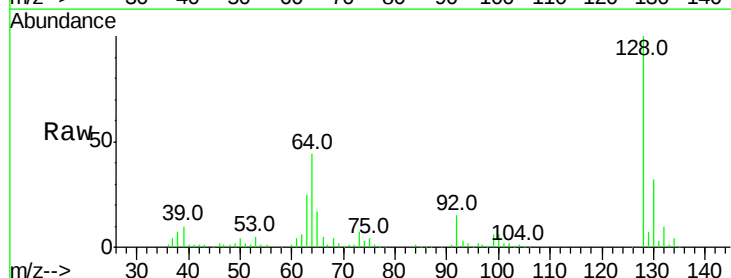
Tgt Ion: 128 Resp: 347069

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

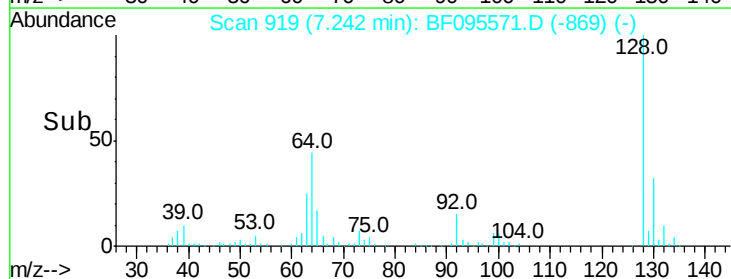
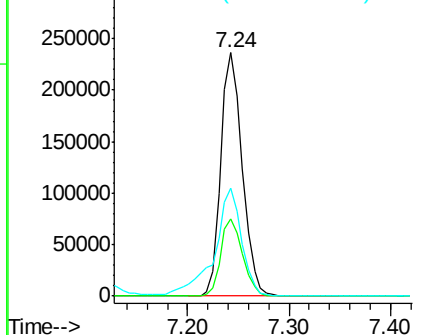
64 44.2 28.4 68.4

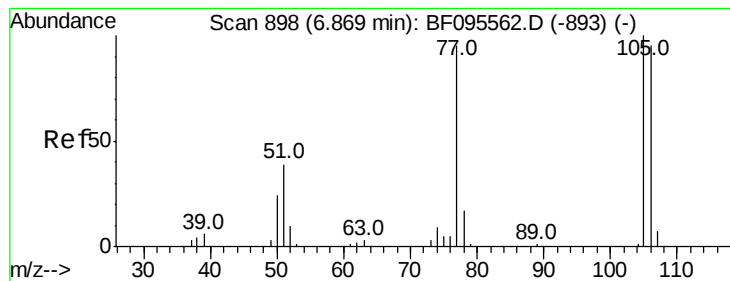


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.17 ng

RT: 6.87 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

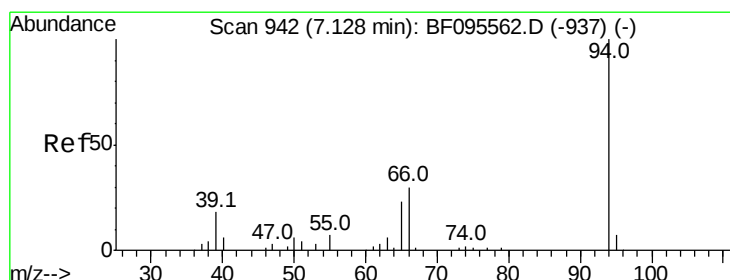
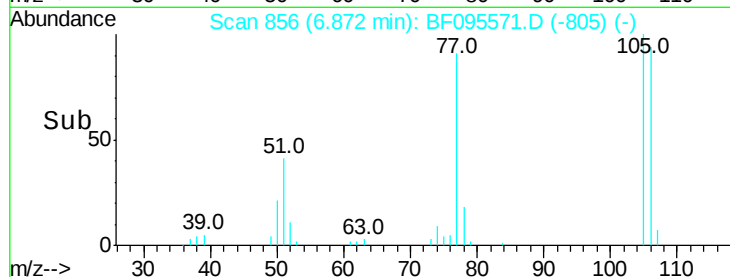
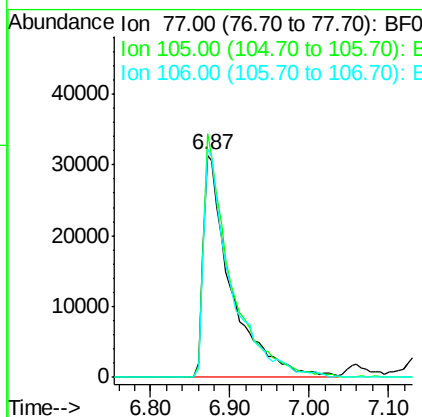
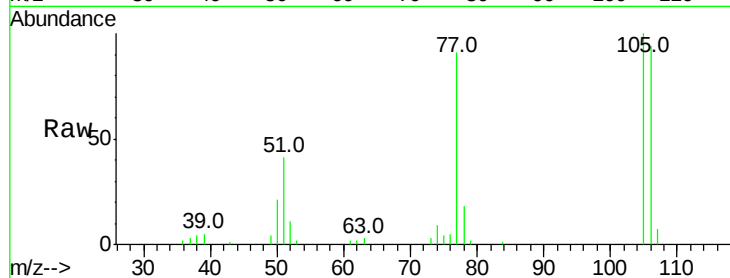
ClientSampleId :

B-7(3-7)MSD

Tot Ion:	77	Resp:	76981
Ion	Ratio	Lower	Upper
77	100		
105	109.7	83.8	123.8
106	103.0	79.1	119.1

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#10

Phenol

Concen: 57.59 ng

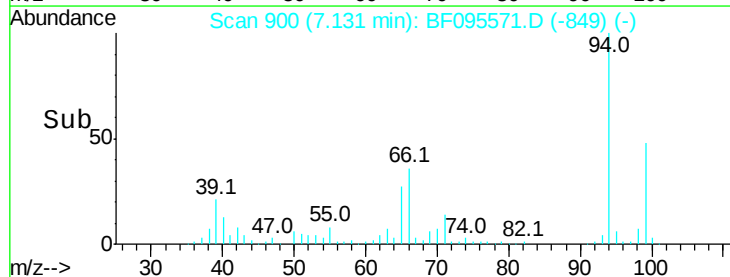
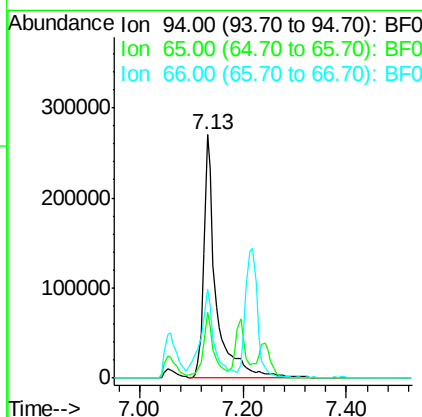
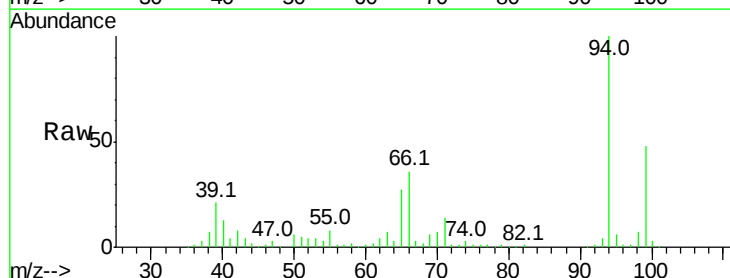
RT: 7.13 min Scan# 900

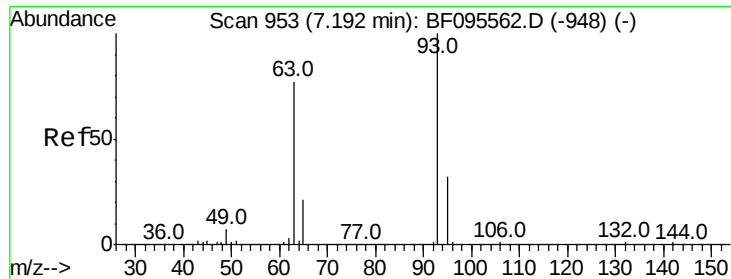
Delta R.T. 0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion:	94	Resp:	445505
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	36.4	23.1	63.1





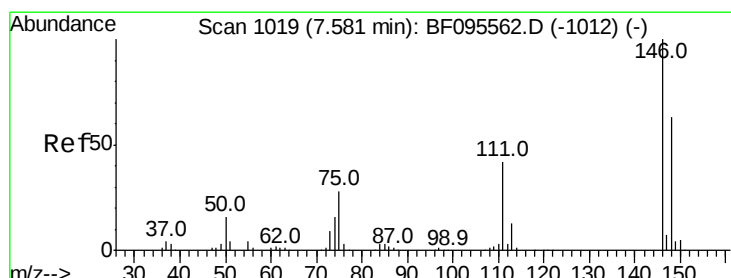
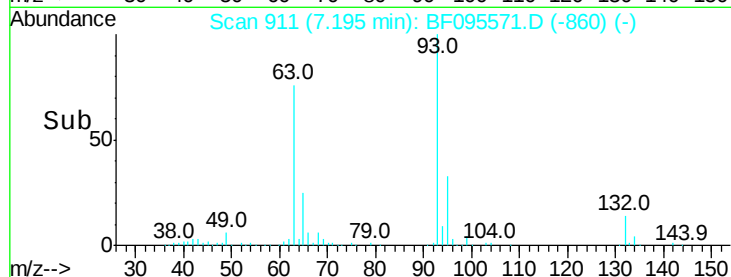
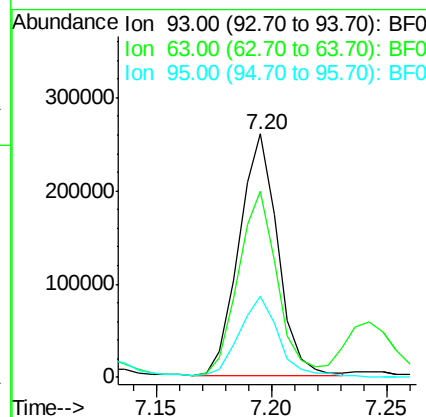
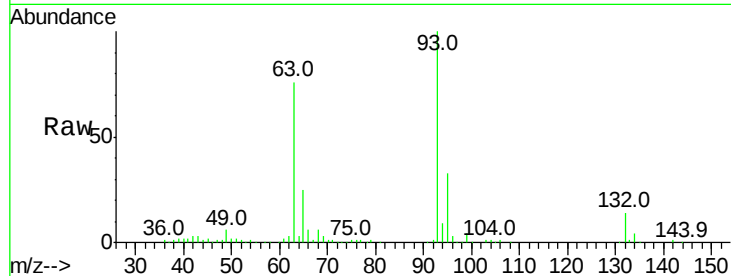
#11
bis(2-Chloroethyl)ether
Concen: 47.10 ng
RT: 7.20 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion:	93	Resp:	300782
Ion Ratio	Lower	Upper	
93	100		
63	76.2	59.2	99.2
95	33.4	12.8	52.8

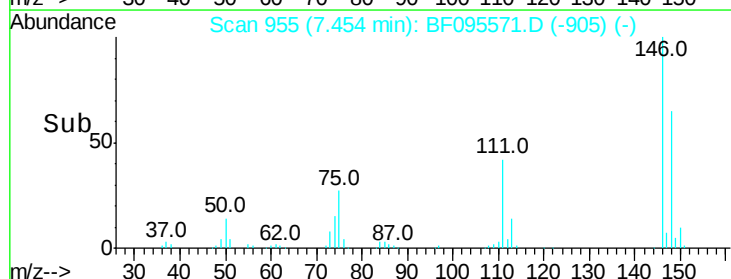
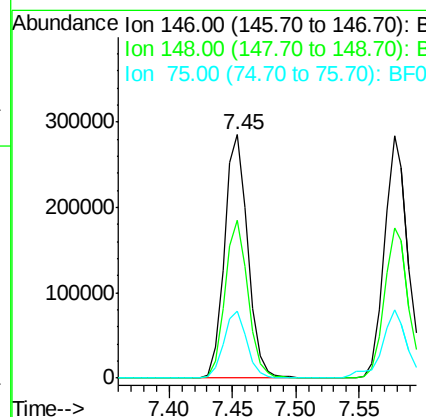
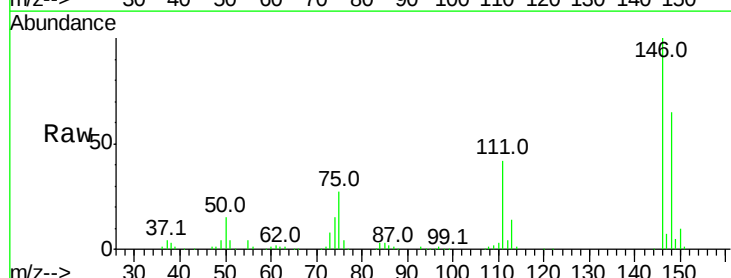
Manual Integrations
APPROVED

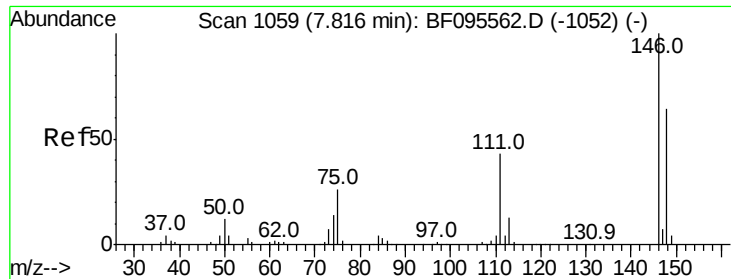
mohammad
6/1/2017 2:20:04 PM



#12
1,3-Dichlorobenzene
Concen: 46.12 ng
RT: 7.45 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion:	146	Resp:	364312
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
75	27.3	23.1	34.7





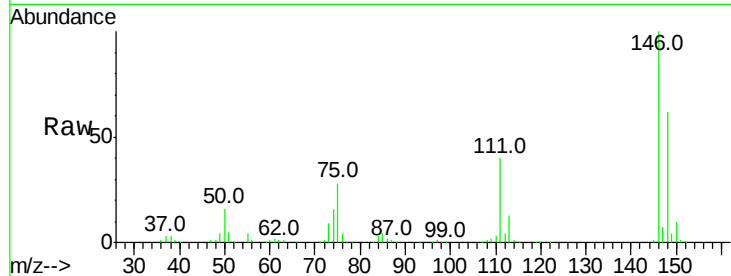
#13
 1,4-Dichlorobenzene
 Concen: 46.82 ng
 RT: 7.58 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF095571.D
 Acq: 31 May 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 B-7(3-7)MSD

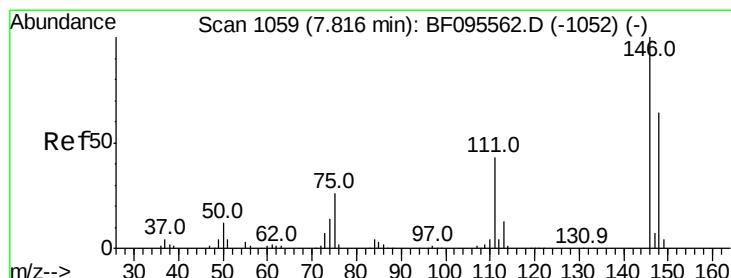
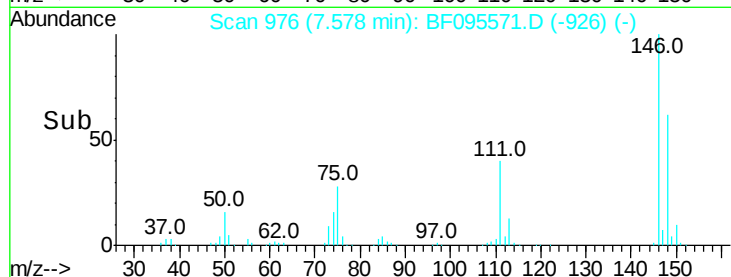
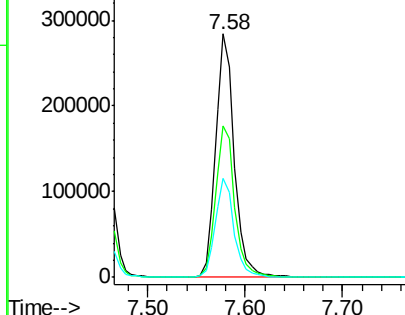
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.2	78.2
111	40.5	30.3	45.5

Manual Integrations
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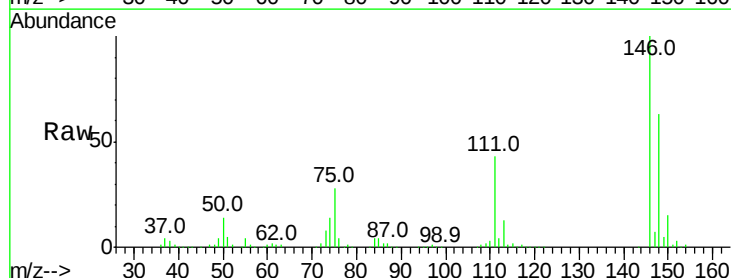


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

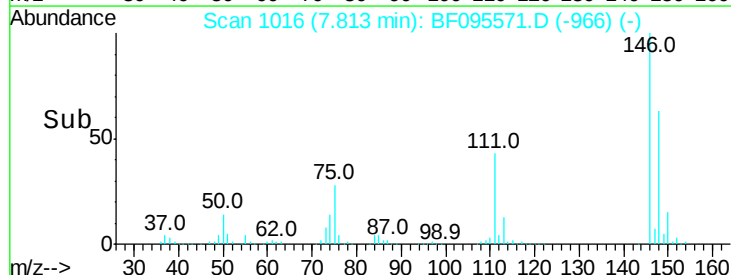
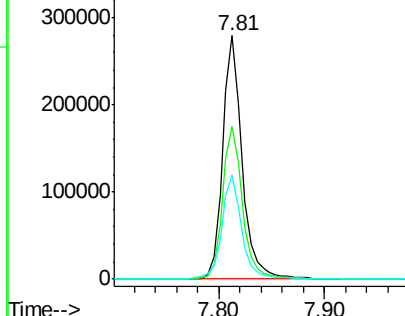


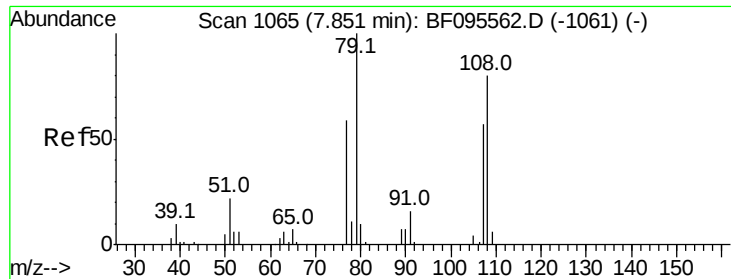
#14
 1,2-Dichlorobenzene
 Concen: 47.83 ng
 RT: 7.81 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF095571.D
 Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	42.9	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





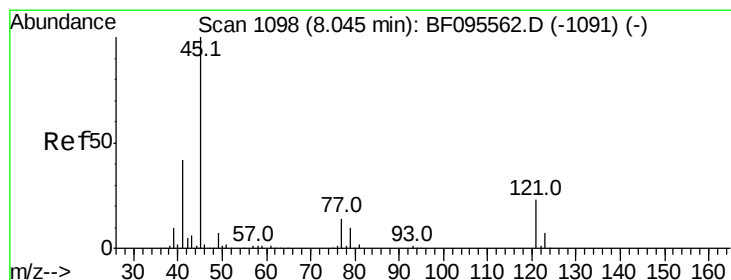
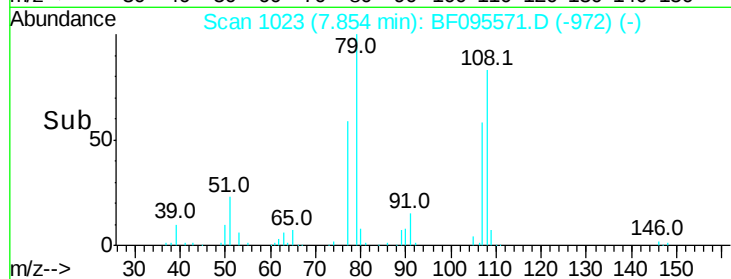
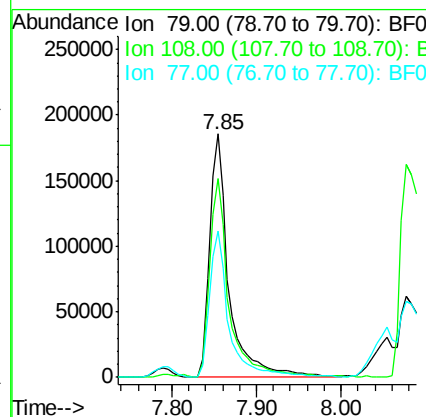
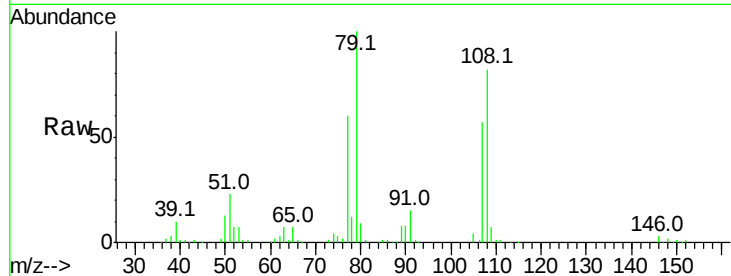
#15
Benzyl Alcohol
Concen: 62.96 ng
RT: 7.85 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleID :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.9	63.4	95.0
77	59.9	49.2	73.8

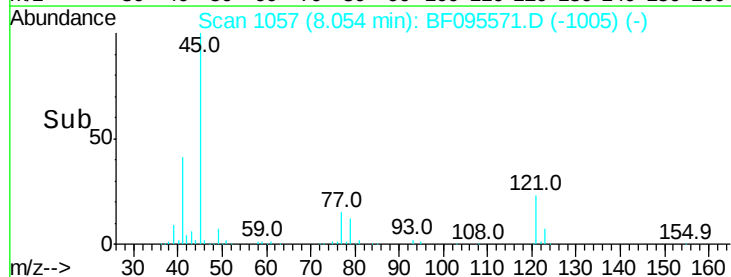
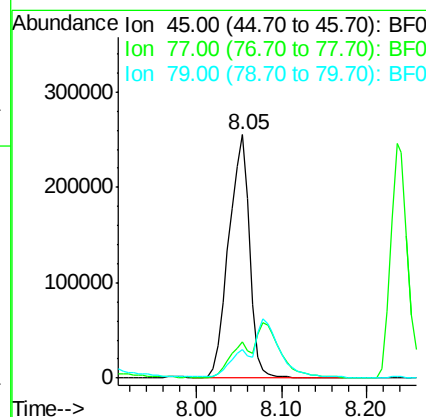
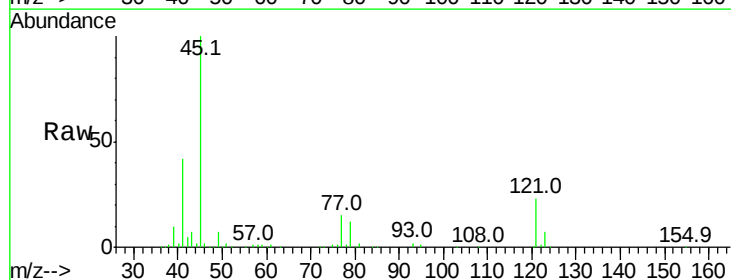
Manual Integrations
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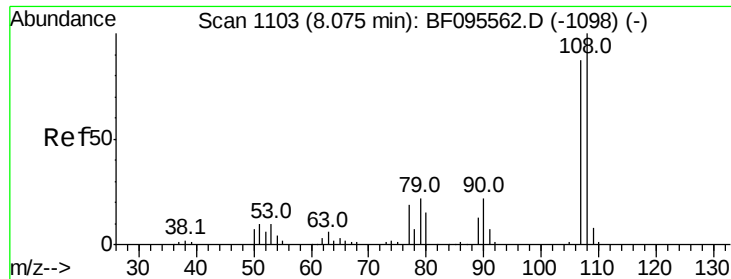
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.03 ng
RT: 8.05 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	33.2
79	11.8	0.0	30.0





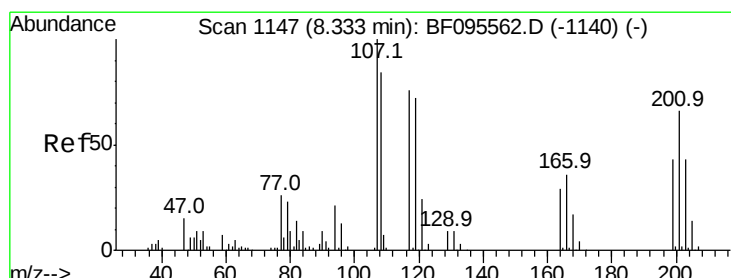
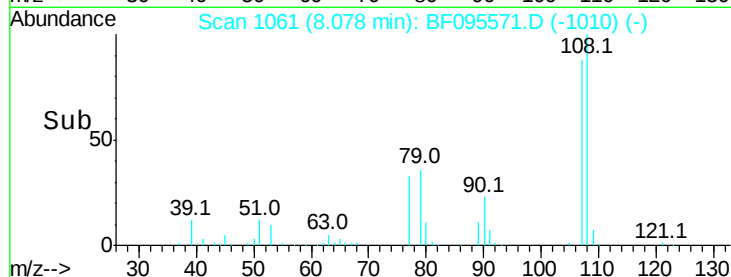
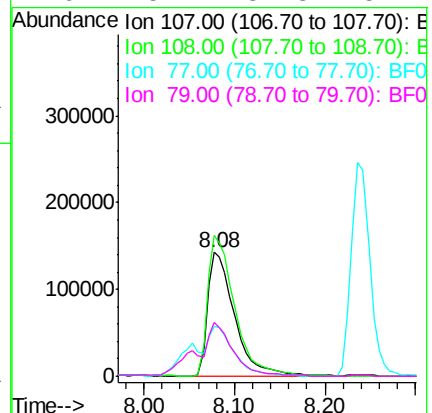
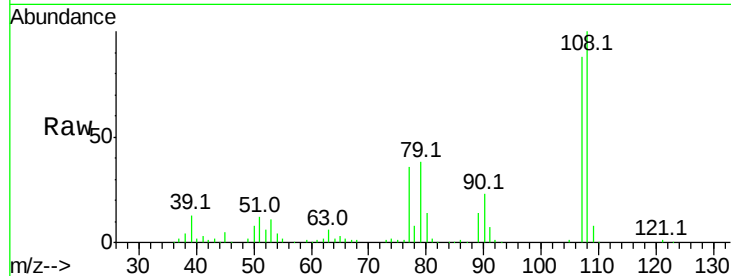
#17
2-Methylphenol
Concen: 52.18 ng
RT: 8.08 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	297360		
108	114.0	93.4	140.0	
77	40.7	35.8	53.6	
79	43.2	34.8	52.2	

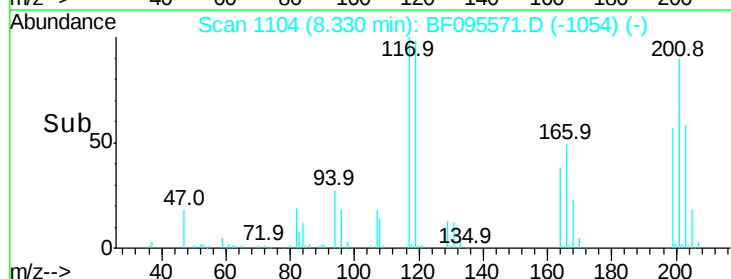
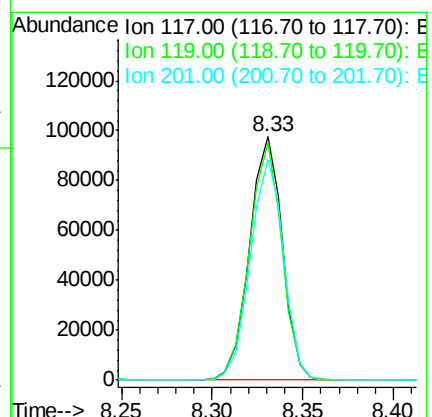
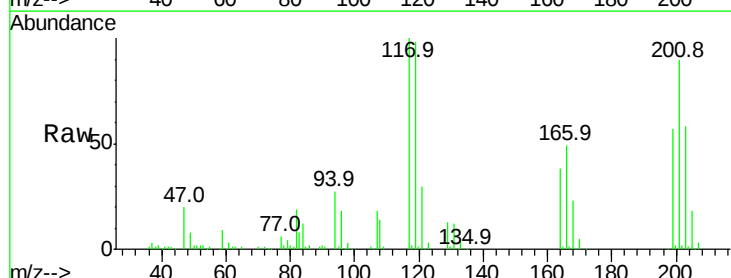
Manual Integrations
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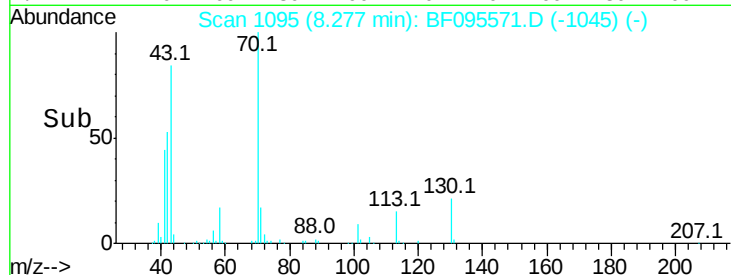
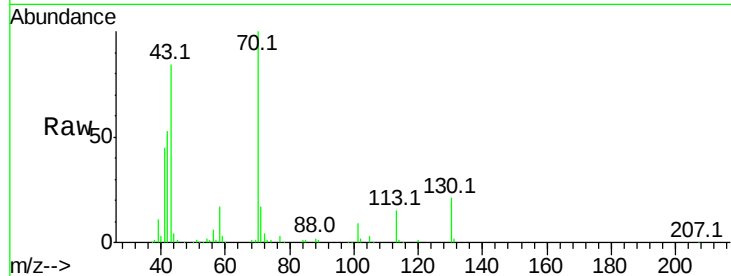
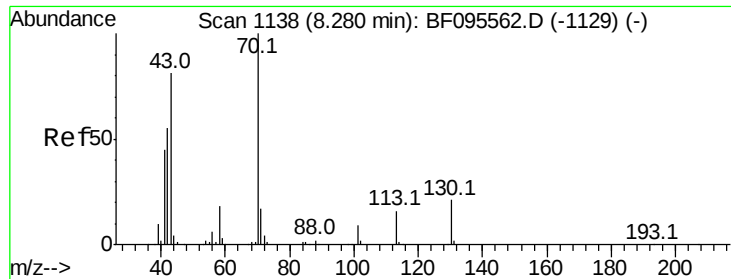
mohammad
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#18
Hexachloroethane
Concen: 45.16 ng
RT: 8.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122545		
119	97.7	77.4	116.0	
201	90.4	94.6	141.8#	





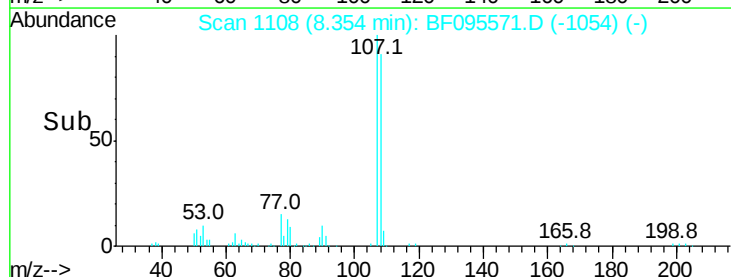
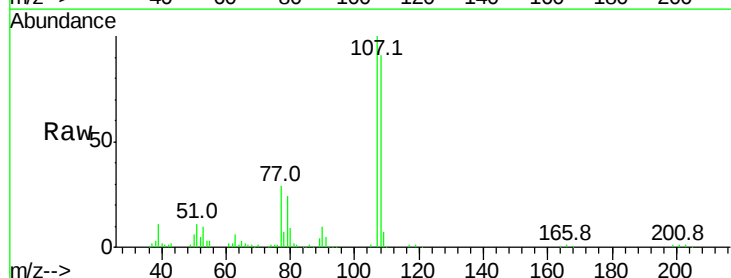
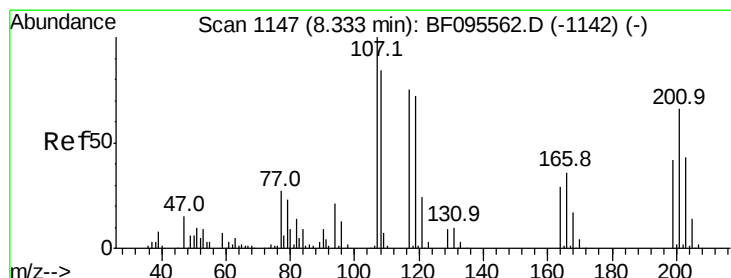
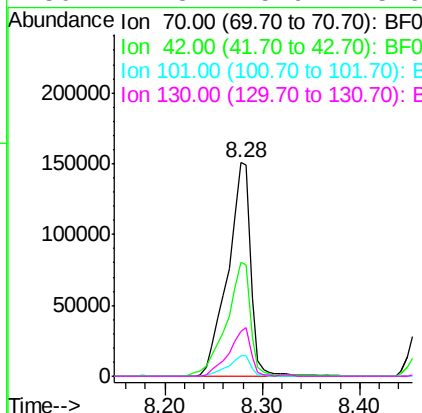
#19
n-Nitroso-di-n-propylamine
Concen: 49.58 ng
RT: 8.28 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.3	47.2	70.8	
101	9.5	7.2	10.8	
130	21.3	15.9	23.9	

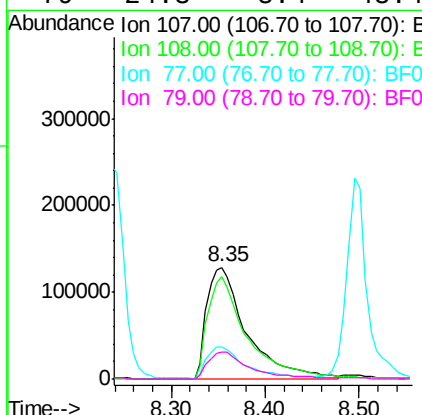
Manual Integrations
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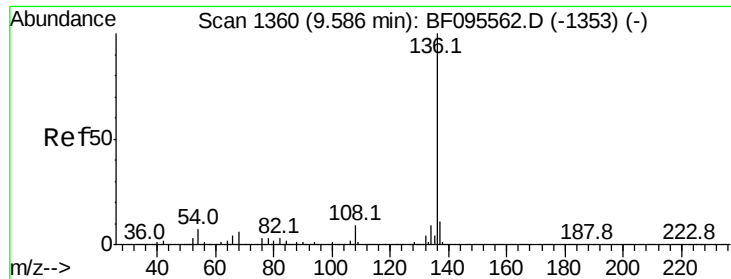
mohammad
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#20
3+4-Methylphenols
Concen: 49.32 ng
RT: 8.35 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	71.0	111.0	
77	28.9	90.5	130.5#	
79	24.3	8.4	48.4	





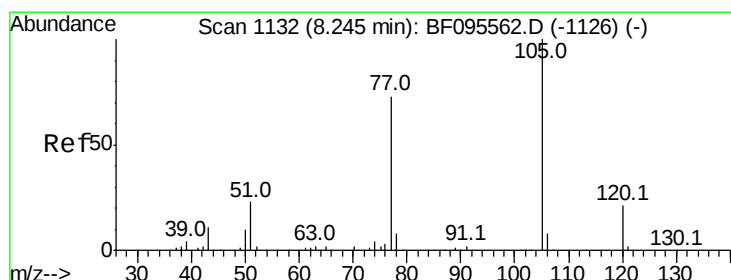
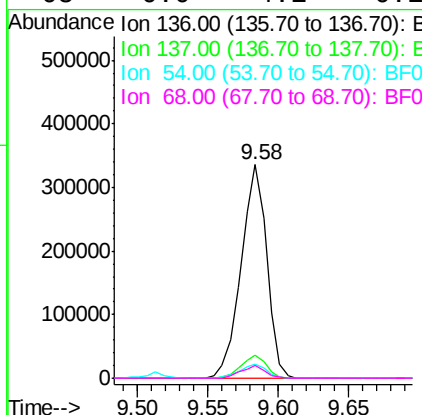
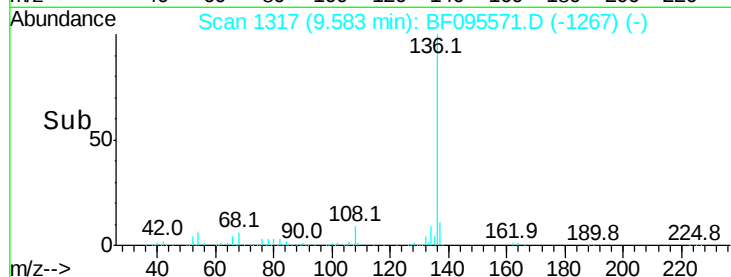
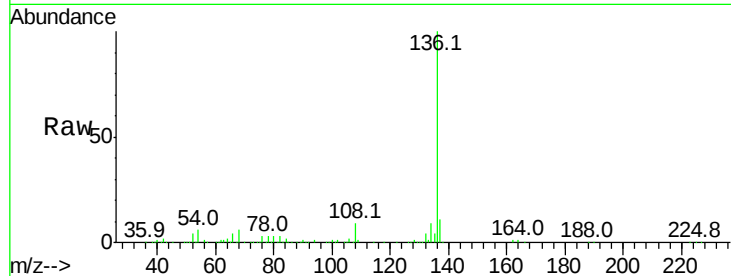
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.4	4.9	7.3	
68	6.0	4.1	6.1	

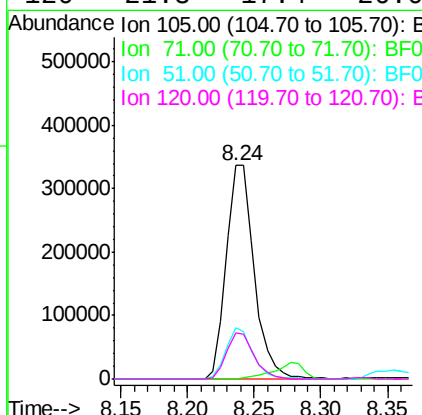
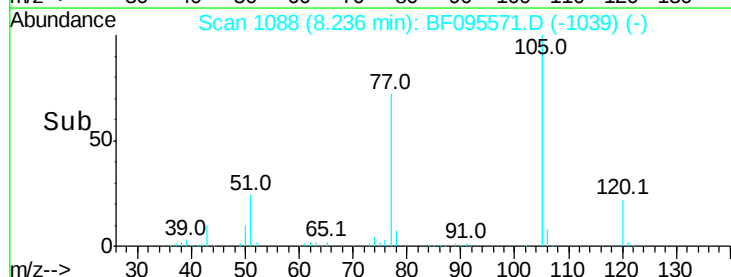
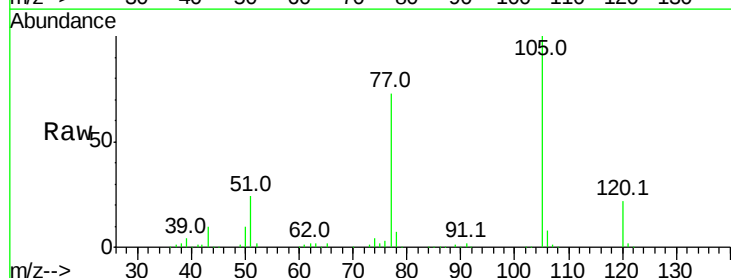
Manual Integrations
APPROVED

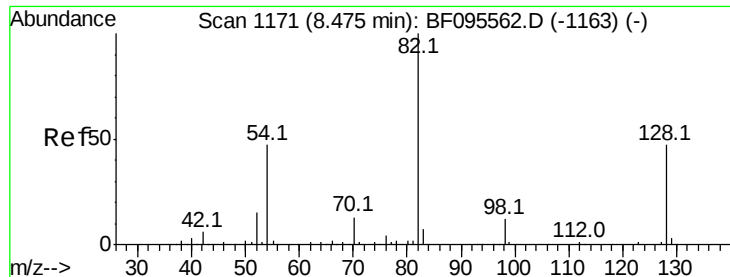
mohammad
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#22
Acetophenone
Concen: 48.57 ng
RT: 8.24 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.8	30.7	46.1#	
120	21.8	17.4	26.0	





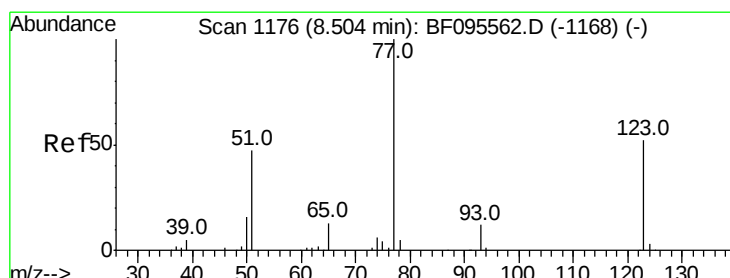
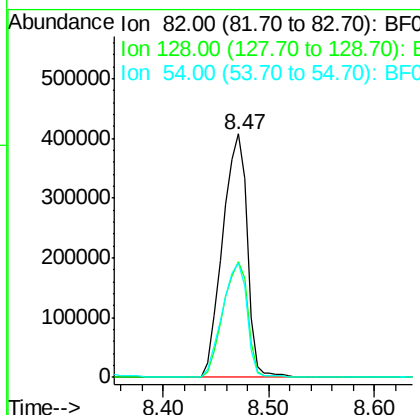
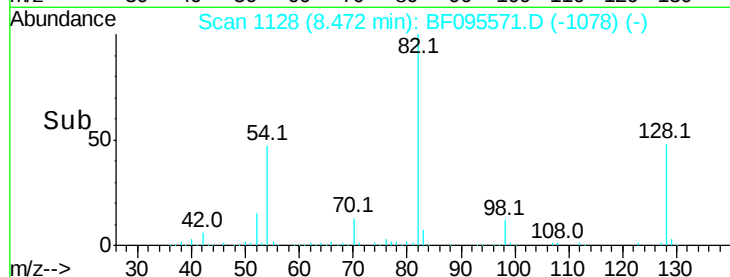
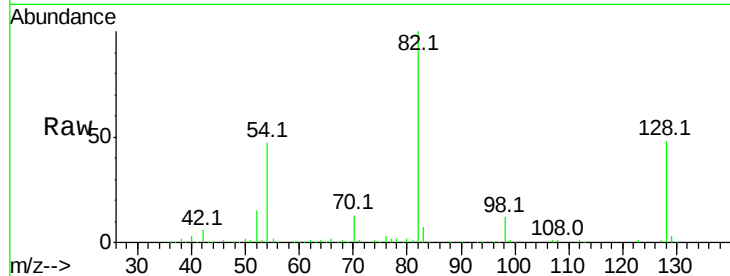
#23
Nitrobenzene-d5
Concen: 97.47 ng
RT: 8.47 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	34.0	51.0	
54	47.0	42.2	63.2	

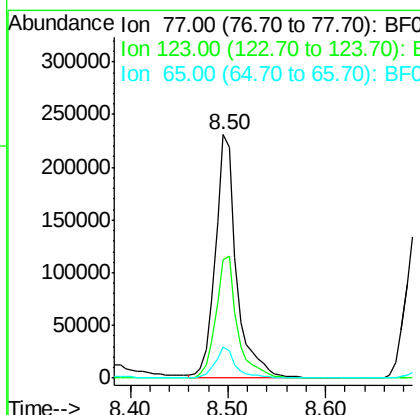
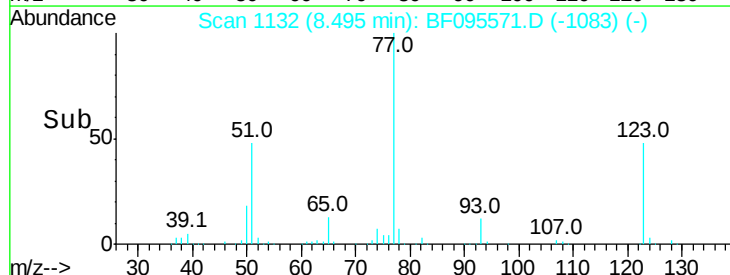
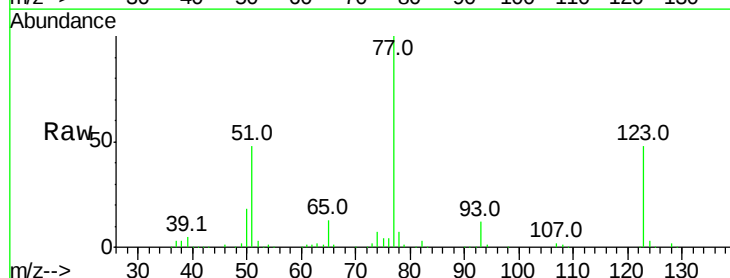
Manual Integrations
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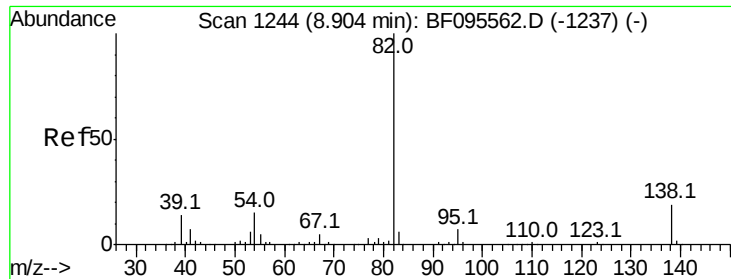
mohammad
6/1/2017 2:20:04 PM



#24
Nitrobenzene
Concen: 48.89 ng
RT: 8.50 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.3	35.8	53.8	
65	12.7	10.6	15.8	





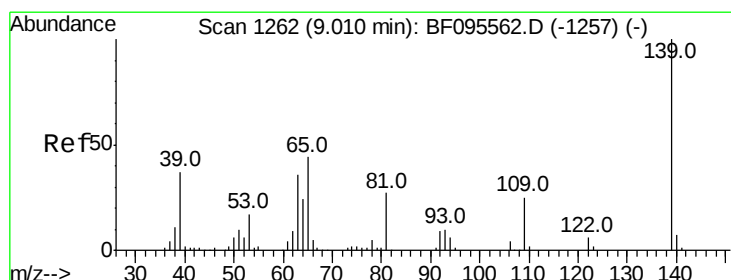
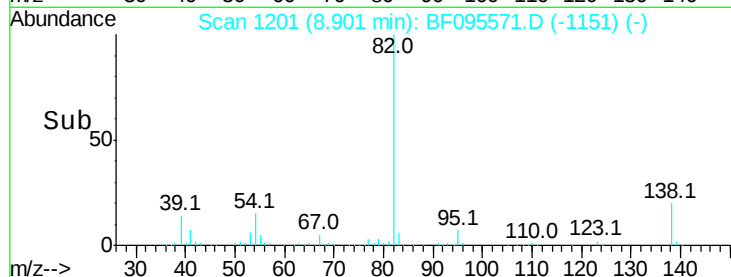
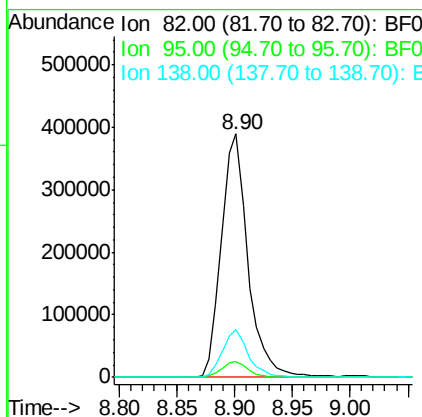
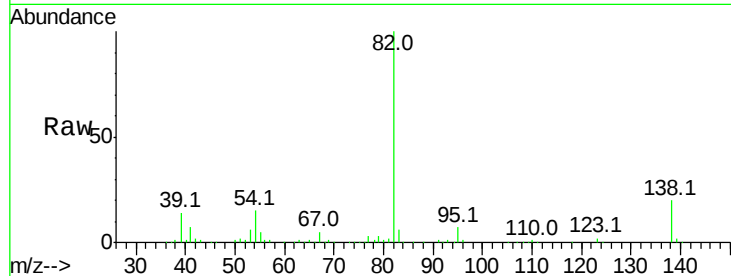
#25
Isophorone
Concen: 51.69 ng
RT: 8.90 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	623990		
95	6.7	5.3	7.9	
138	19.5	13.1	19.7	

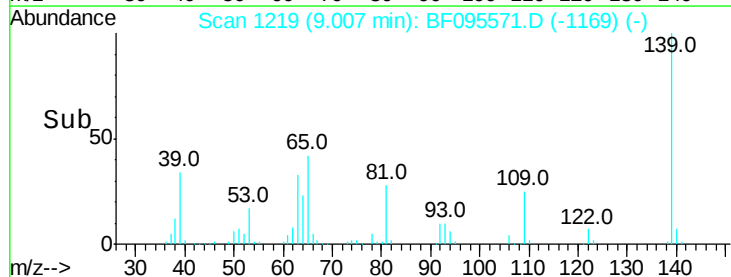
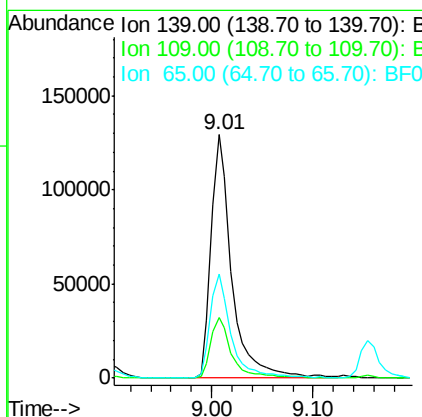
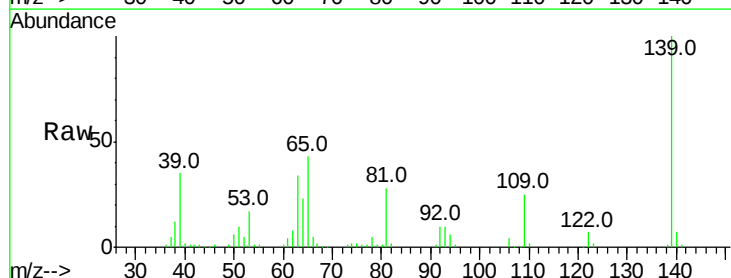
Manual Integrations
APPROVED

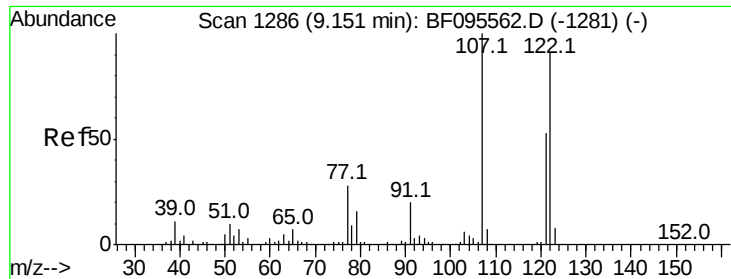
mohammad
6/1/2017 2:20:04 PM



#26
2-Nitrophenol
Concen: 48.45 ng
RT: 9.01 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	185256		
109	25.0	21.0	31.6	
65	42.6	33.0	49.6	





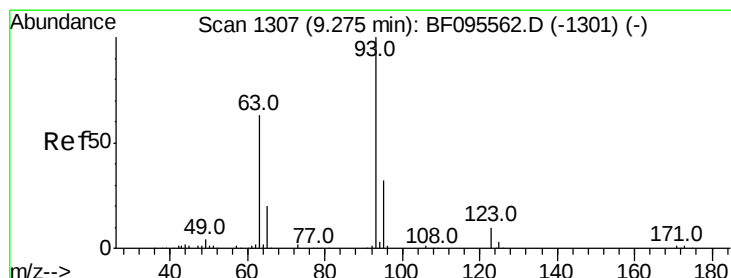
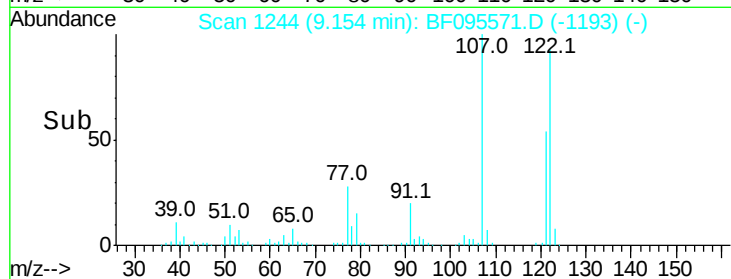
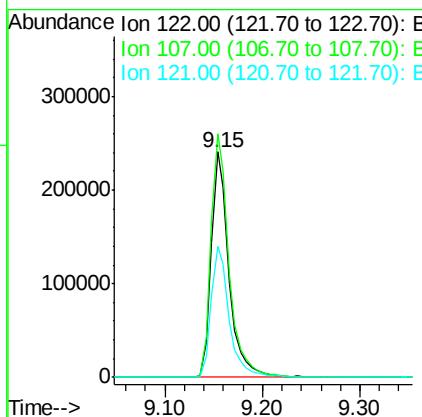
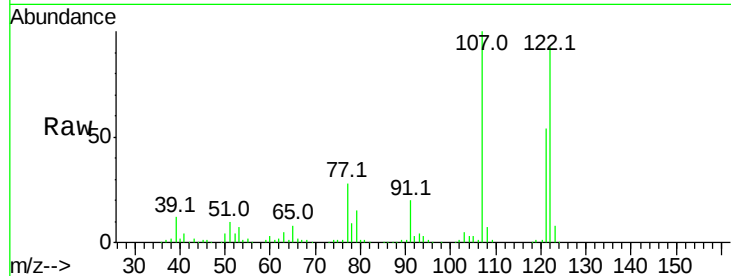
#27
2,4-Dimethylphenol
Concen: 49.09 ng
RT: 9.15 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	303443		
107	108.0	89.2	133.8	
121	58.4	45.2	67.8	

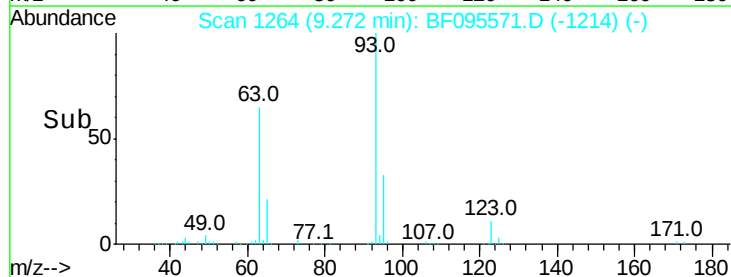
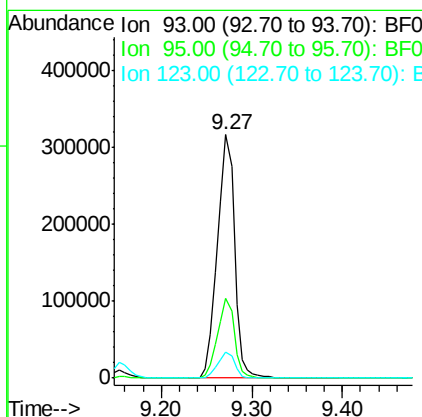
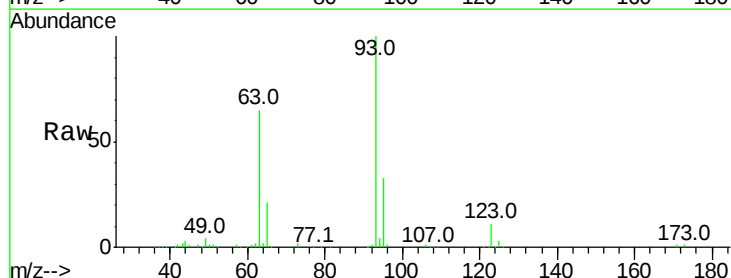
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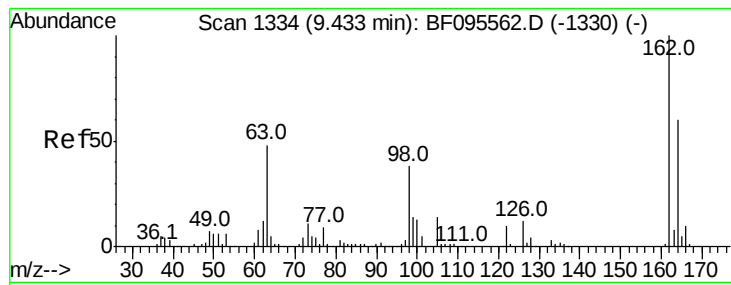
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.87 ng
RT: 9.27 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416457		
95	32.8	26.5	39.7	
123	10.5	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 53.35 ng

RT: 9.45 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

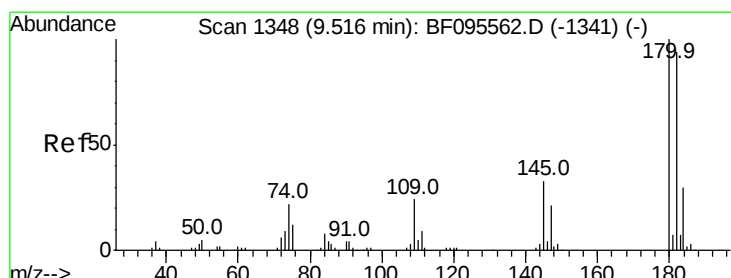
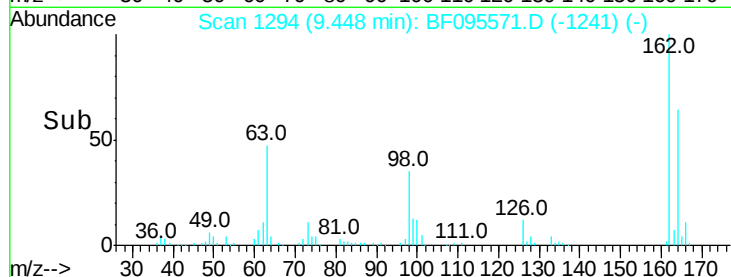
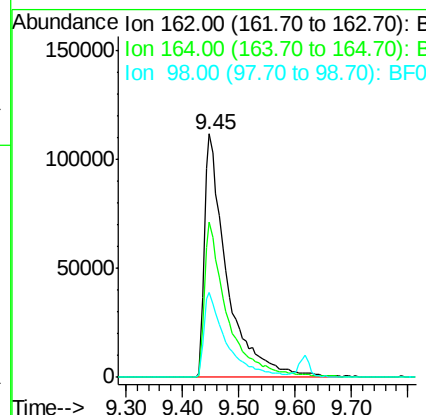
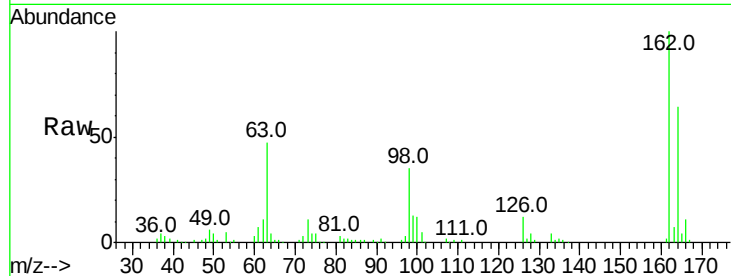
ClientSampleId :

B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	311429		
164	63.9	44.6	84.6	
98	34.7	14.8	54.8	

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#30

1,2,4-Trichlorobenzene

Concen: 46.96 ng

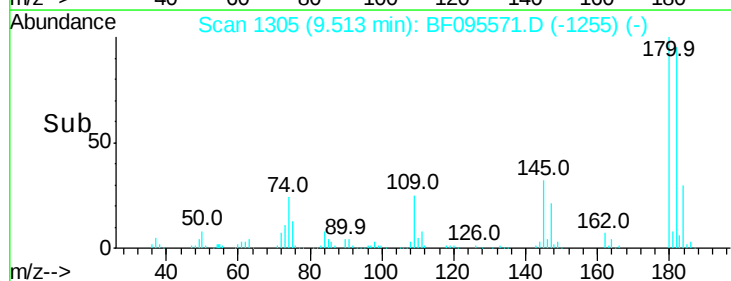
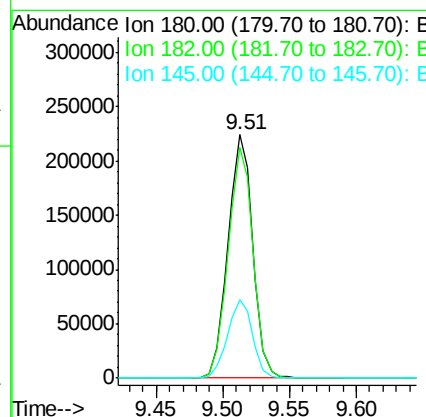
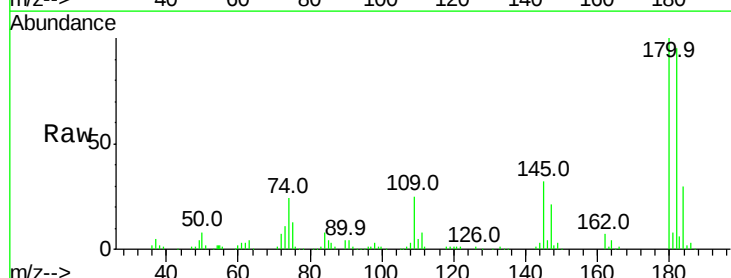
RT: 9.51 min Scan# 1305

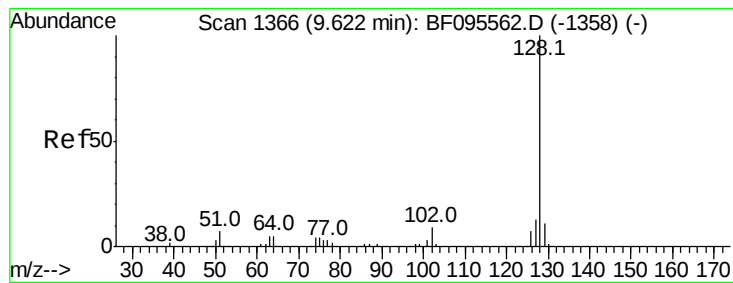
Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	293666		
182	95.0	75.8	113.6	
145	32.2	25.3	37.9	





#31

Naphthalene

Concen: 47.16 ng

RT: 9.62 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

ClientSampleId :

B-7(3-7)MSD

Tot Ion:128 Resp: 1010493

Ion Ratio Lower Upper

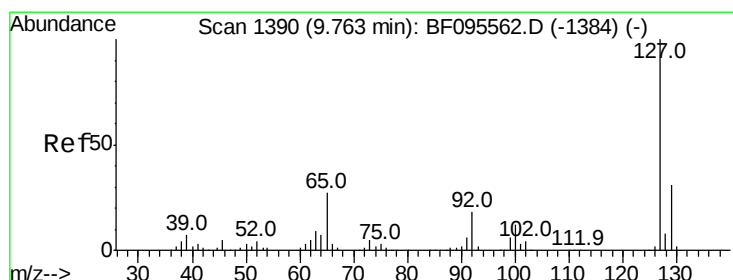
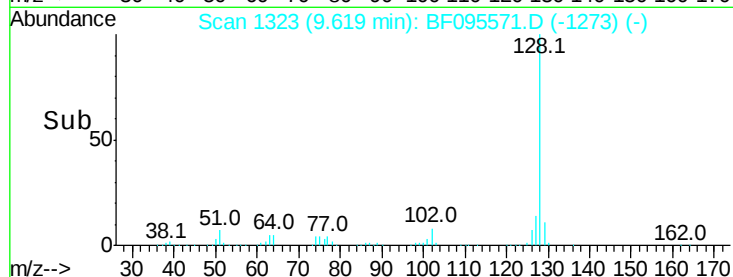
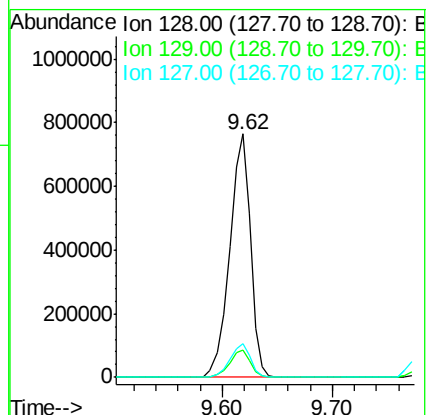
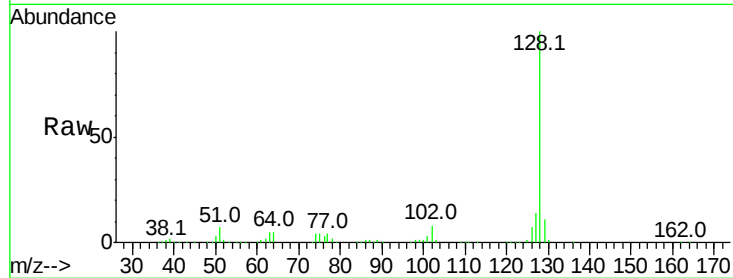
128 100

129 11.2 9.0 13.6

127 13.8 10.8 16.2

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#33

4-Chloroaniline

Concen: 22.08 ng

RT: 9.78 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion:127 Resp: 176296

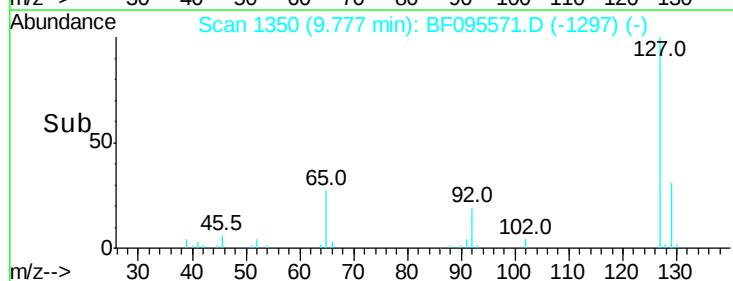
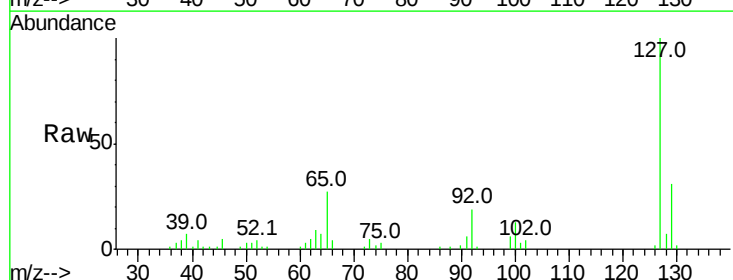
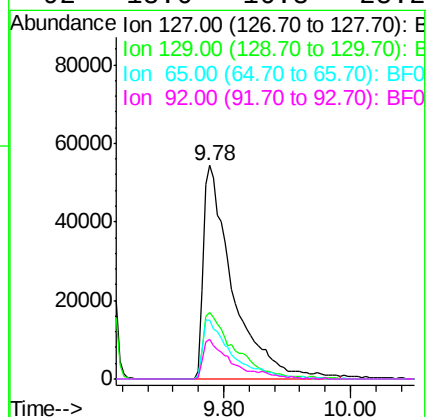
Ion Ratio Lower Upper

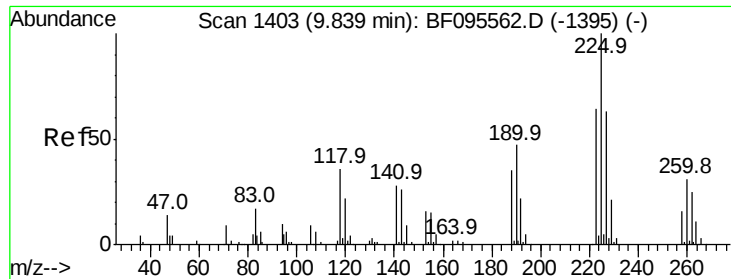
127 100

129 31.0 26.2 39.2

65 27.4 27.8 41.8#

92 18.6 16.8 25.2





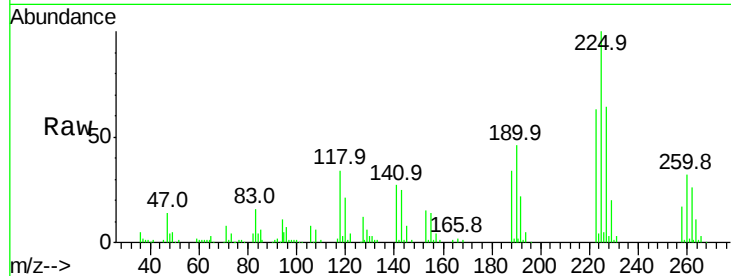
#34
Hexachlorobutadiene
Concen: 42.84 ng
RT: 9.84 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

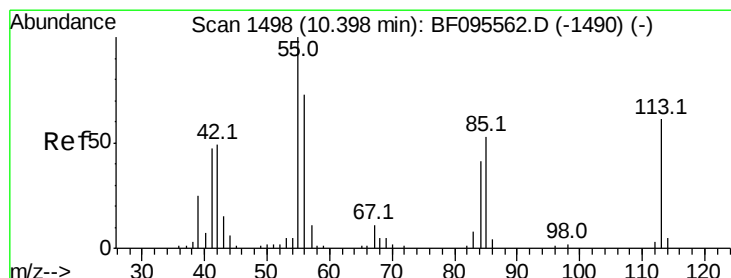
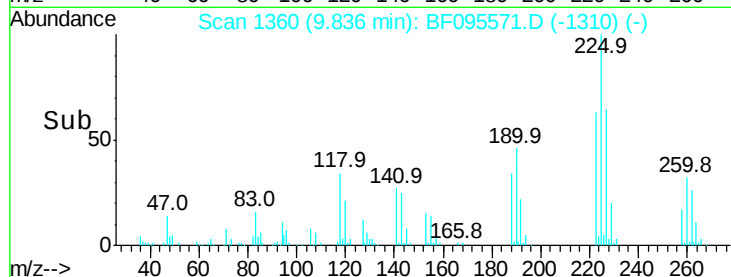
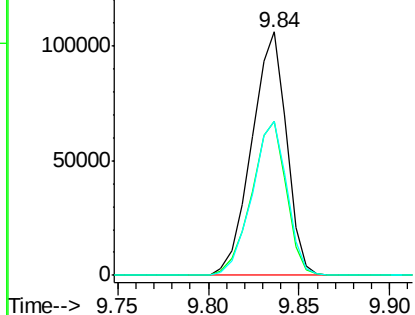
Tot Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	48.8	73.2	
227	63.5	51.1	76.7	

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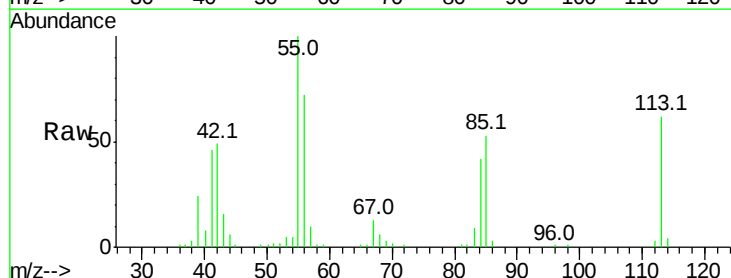


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

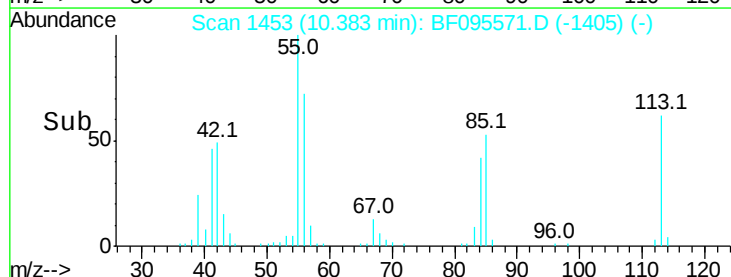
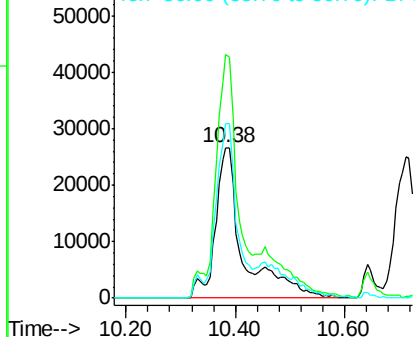


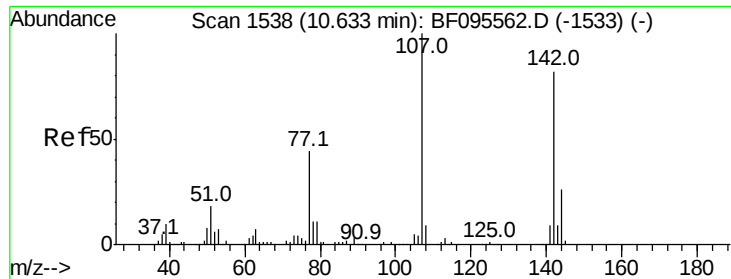
#35
Caprolactam
Concen: 53.14 ng m
RT: 10.38 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	161.7	150.2	190.2	
56	116.3	107.8	147.8	



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





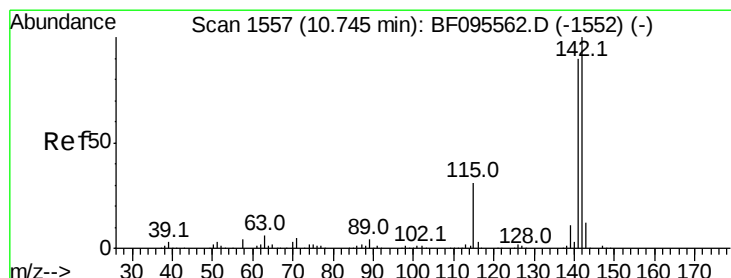
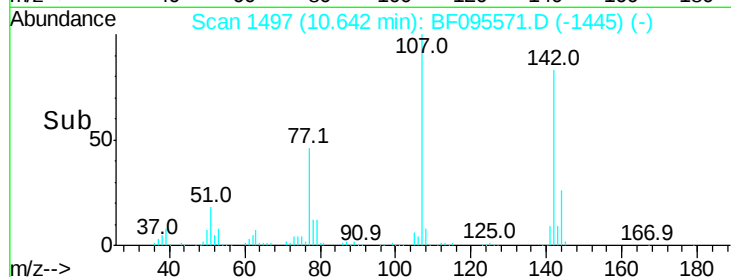
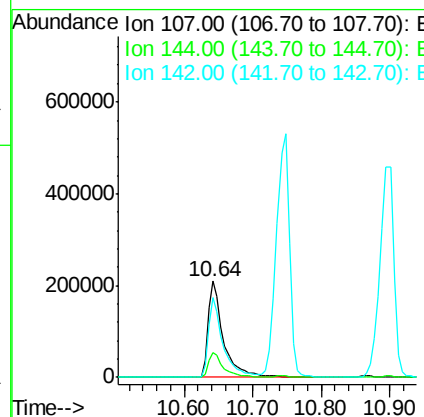
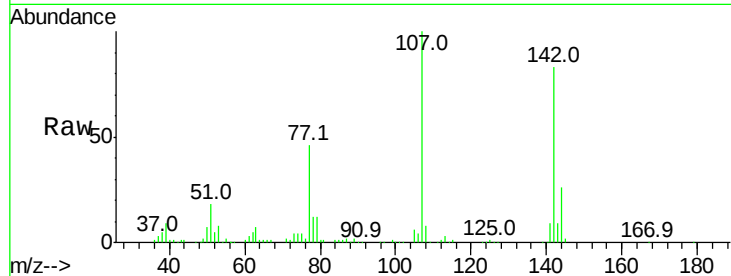
#36
4-Chloro-3-methylphenol
Concen: 52.94 ng
RT: 10.64 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	330390		
144	25.6	24.2	36.4	
142	83.1	73.4	110.0	

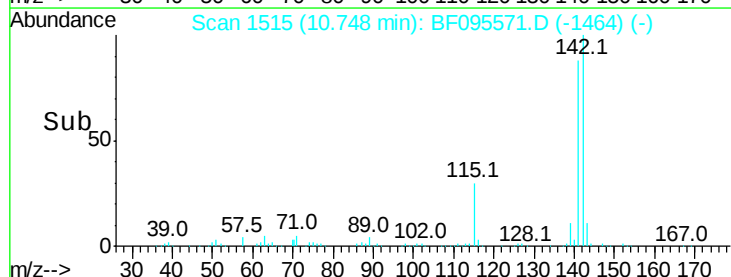
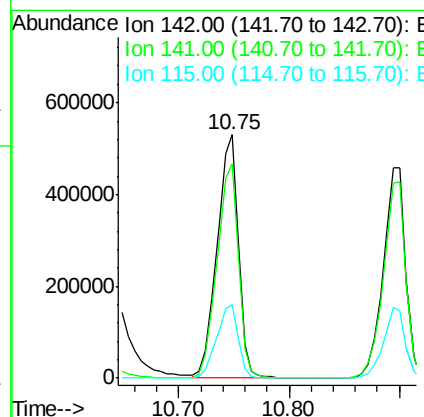
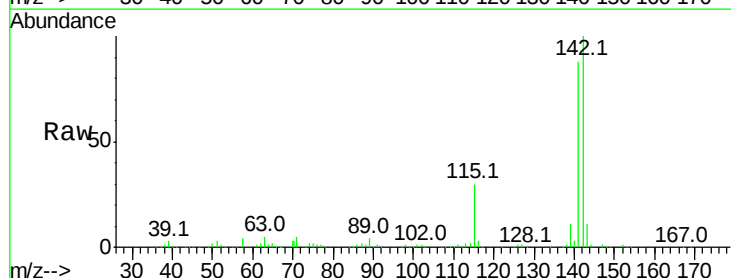
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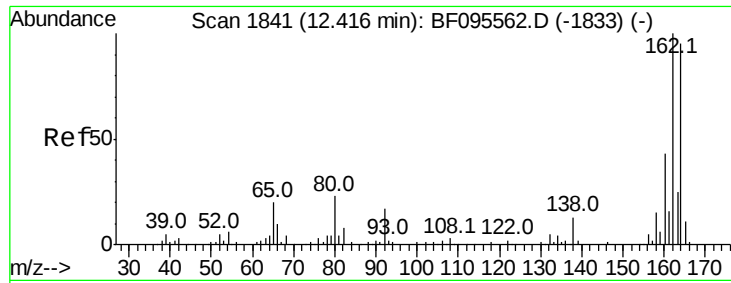
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#37
2-Methylnaphthalene
Concen: 50.37 ng
RT: 10.75 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	708322		
141	88.1	71.3	106.9	
115	30.3	27.1	40.7	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.41 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

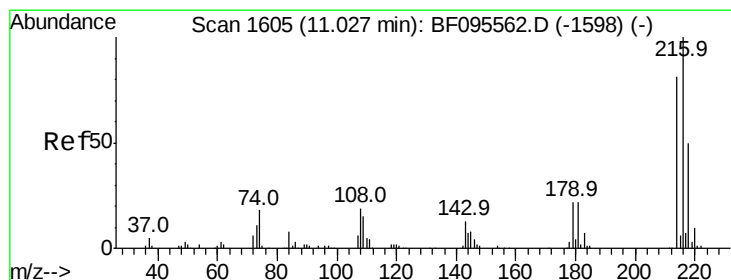
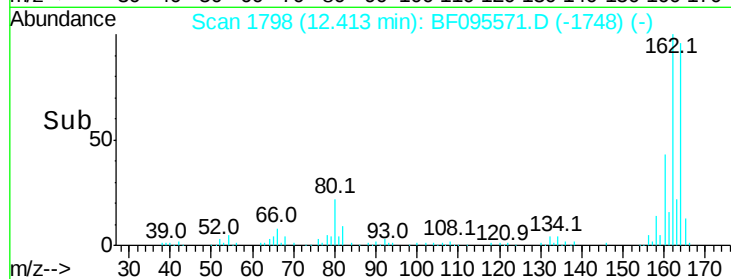
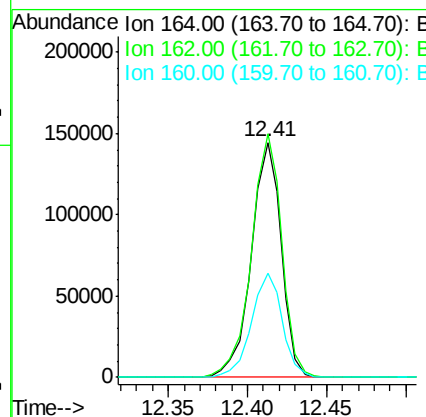
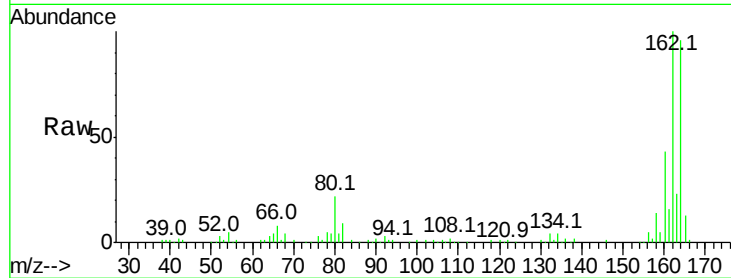
ClientSampleId :

B-7(3-7)MSD

Tot Ion:	164	Resp:	188564
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.6	123.8
160	44.3	36.2	54.2

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.70 ng

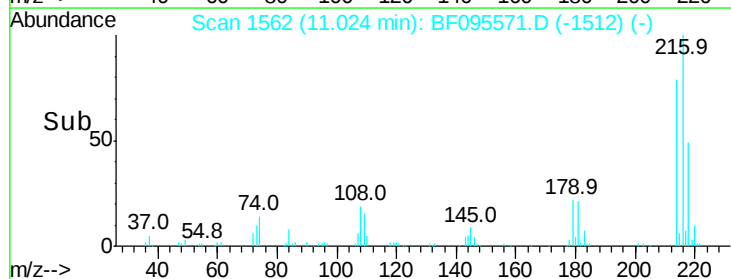
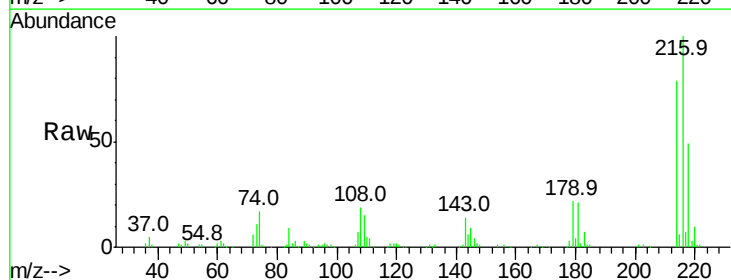
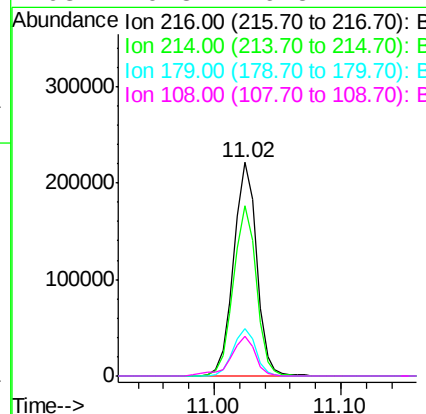
RT: 11.02 min Scan# 1562

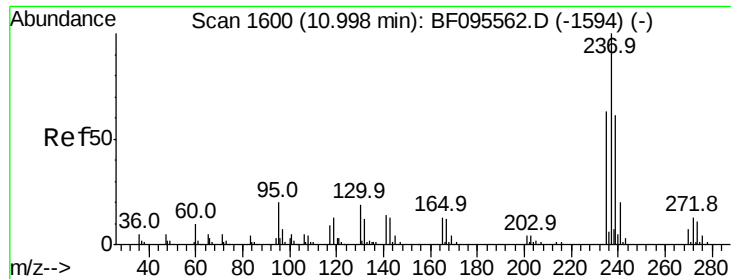
Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion:	216	Resp:	276598
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.4	95.2
179	22.0	17.9	26.9
108	19.8	16.5	24.7





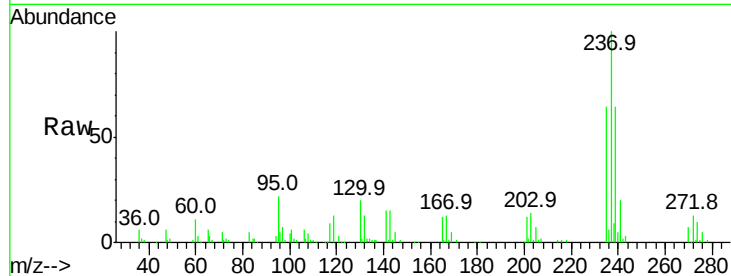
#40
Hexachlorocyclopentadiene
Concen: 52.31 ng
RT: 10.99 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

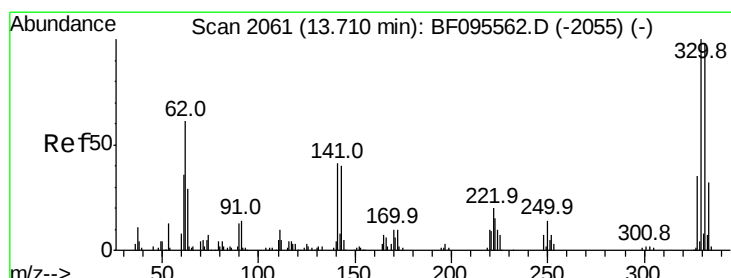
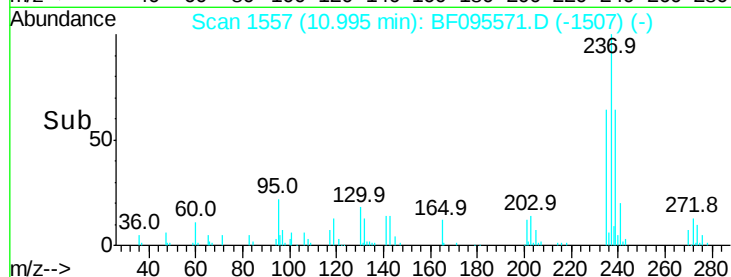
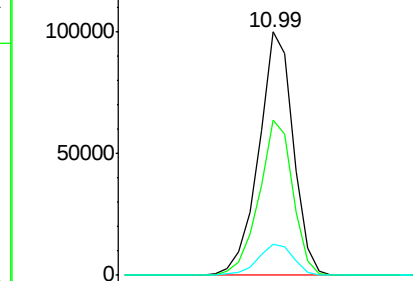
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.8	42.6	82.6
272	12.6	0.0	31.9

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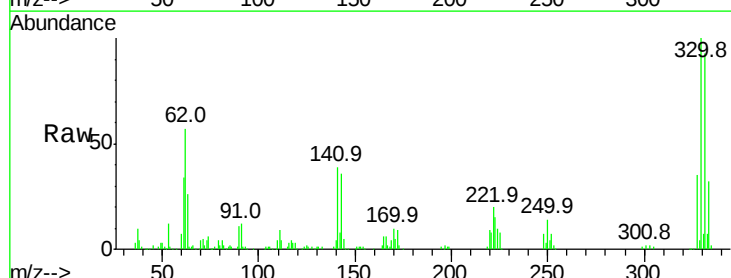


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

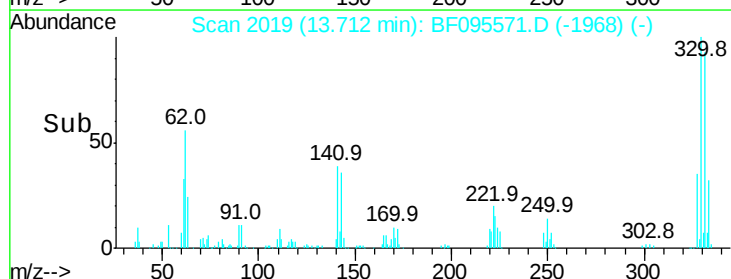
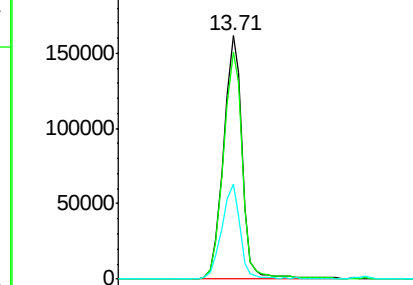


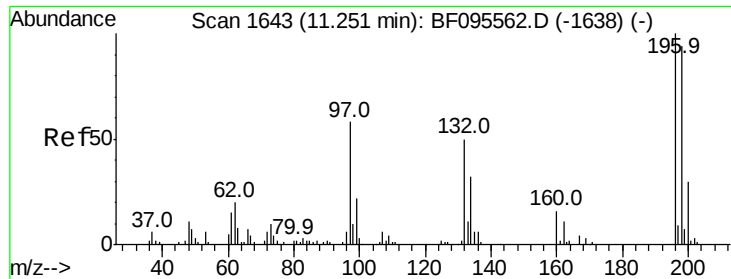
#41
2,4,6-Tribromophenol
Concen: 139.64 ng
RT: 13.71 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.3	76.6	115.0
141	38.5	31.4	47.2



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





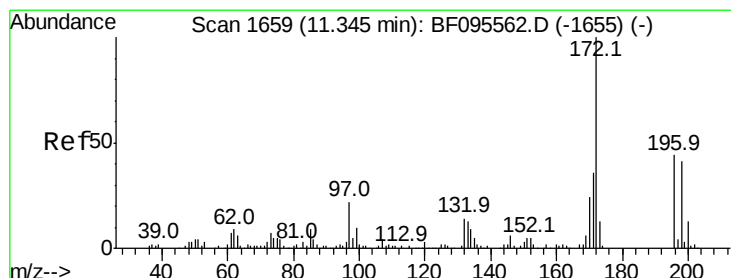
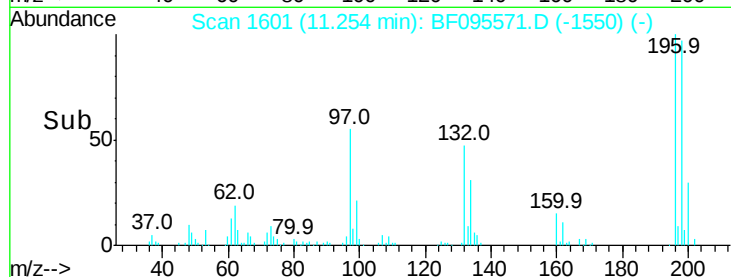
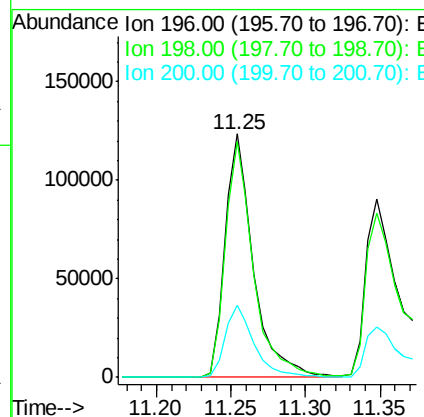
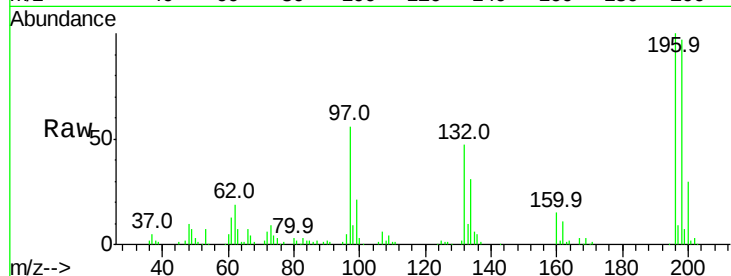
#42
 2,4,6-Trichlorophenol
 Concen: 42.74 ng
 RT: 11.25 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF095571.D
 Acq: 31 May 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165487		
198	96.9	74.2	111.4	
200	29.8	24.0	36.0	

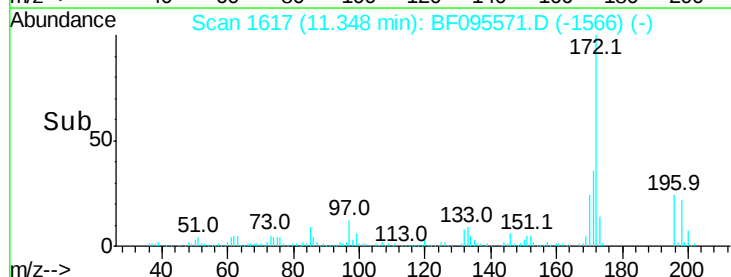
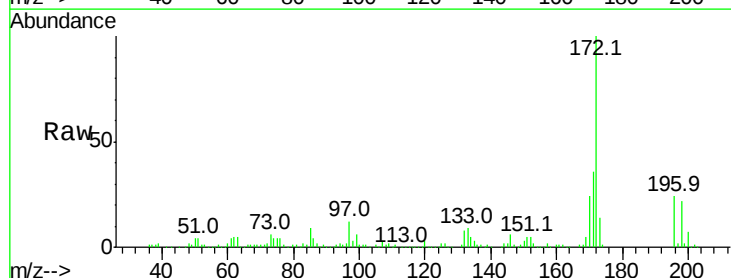
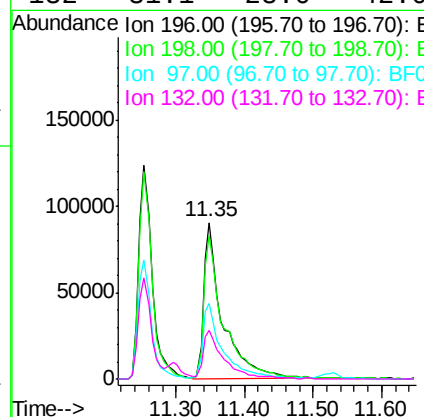
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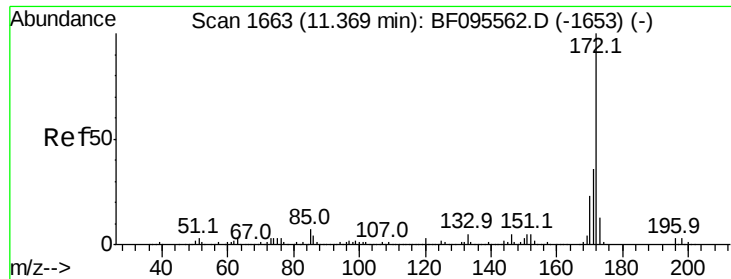
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#43
 2,4,5-Trichlorophenol
 Concen: 42.06 ng
 RT: 11.35 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF095571.D
 Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175010		
198	91.9	75.7	113.5	
97	48.1	47.7	71.5	
132	31.1	28.0	42.0	





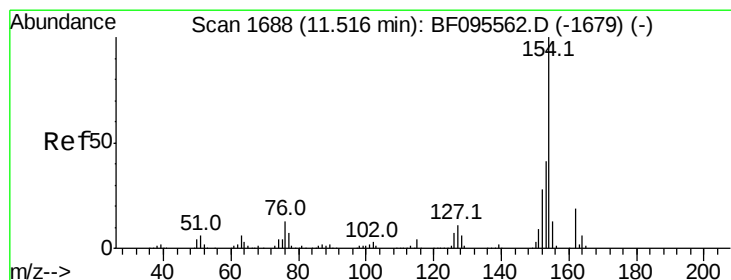
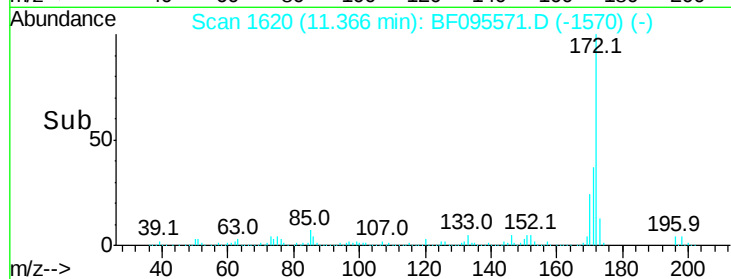
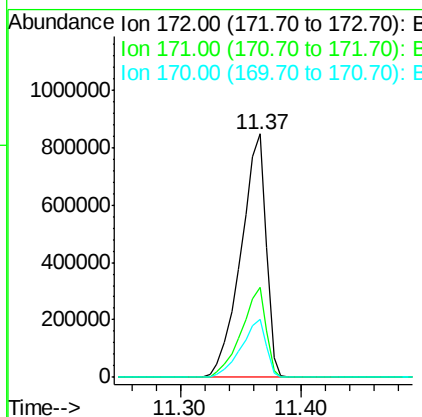
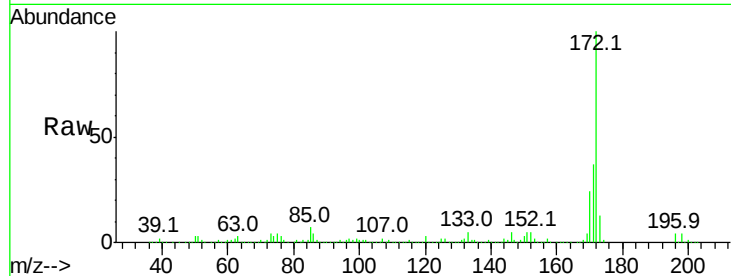
#44
2-Fluorobiphenyl
Concen: 94.20 ng
RT: 11.37 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.1	19.8	29.8

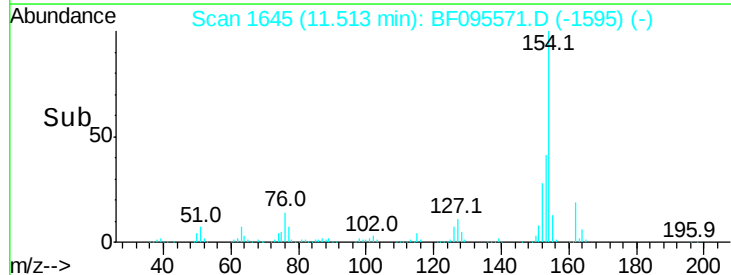
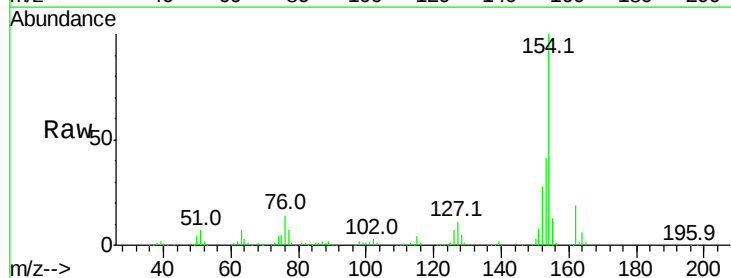
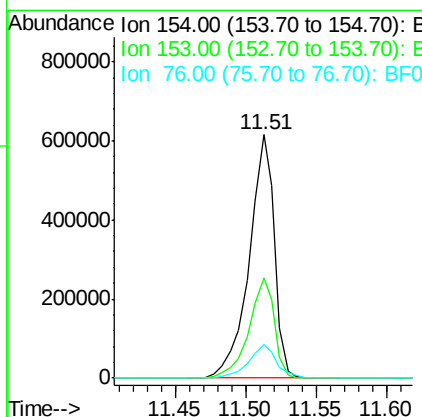
Manual Integrations
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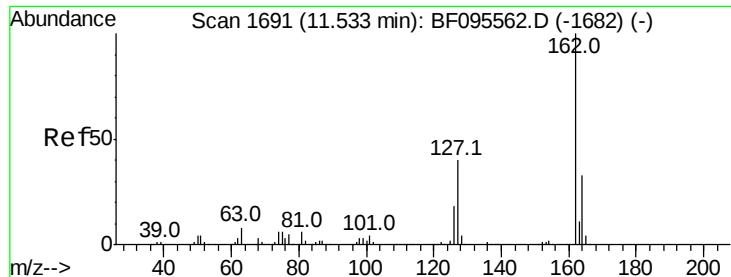
mohammad
6/1/2017 2:20:04 PM



#45
1,1'-Biphenyl
Concen: 48.52 ng
RT: 11.51 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	14.0	0.0	29.9





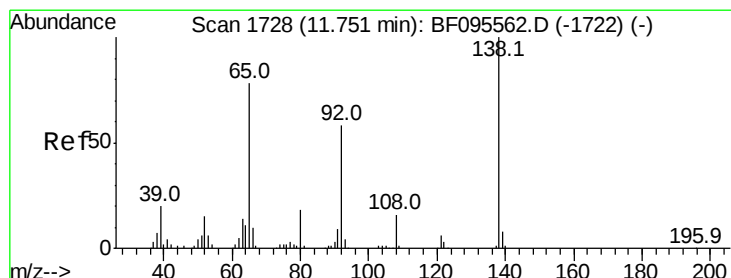
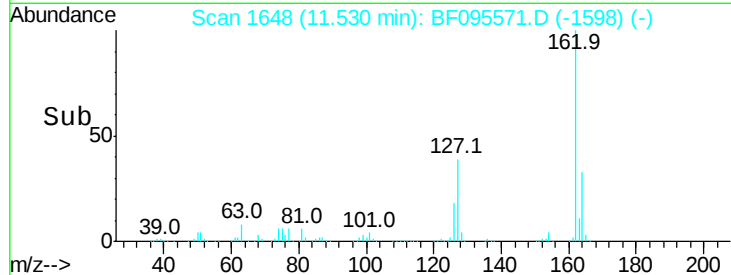
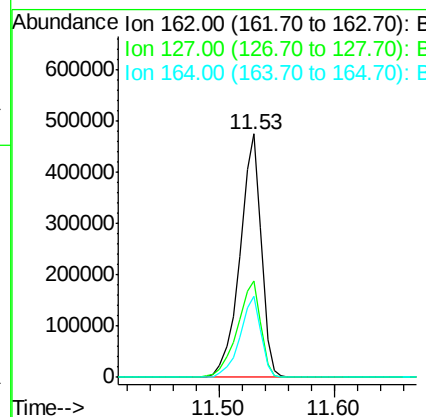
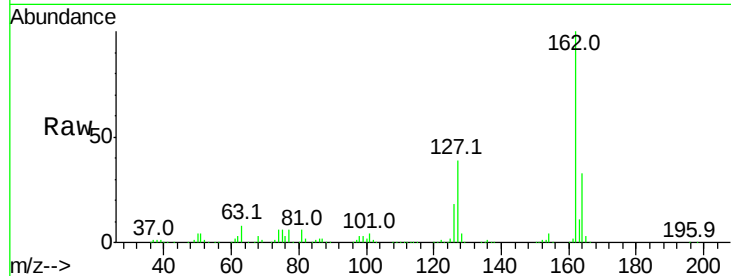
#46
 2-Chloronaphthalene
 Concen: 47.13 ng
 RT: 11.53 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF095571.D
 Acq: 31 May 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 B-7(3-7)MSD

Tot Ion:	162	Resp:	604164
Ion Ratio		Lower	Upper
162	100		
127	39.4	28.3	42.5
164	33.2	27.0	40.4

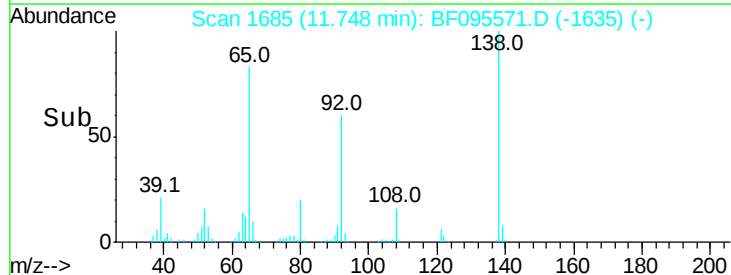
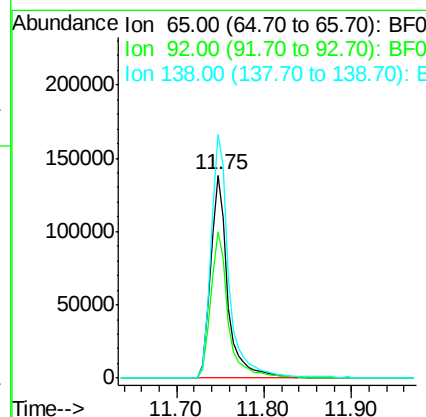
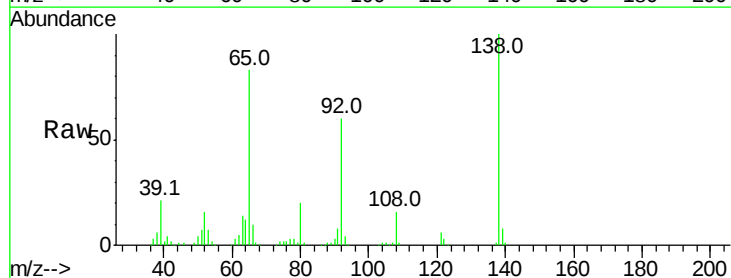
Manual Integrations
 APPROVED

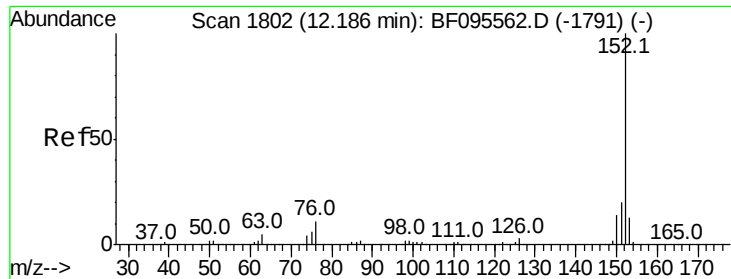
mohammad
 6/1/2017 2:20:04 PM



#47
 2-Nitroaniline
 Concen: 53.79 ng
 RT: 11.75 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BF095571.D
 Acq: 31 May 2017 19:03

Tgt Ion:	65	Resp:	188731
Ion Ratio		Lower	Upper
65	100		
92	71.9	53.9	80.9
138	119.9	78.8	118.2#





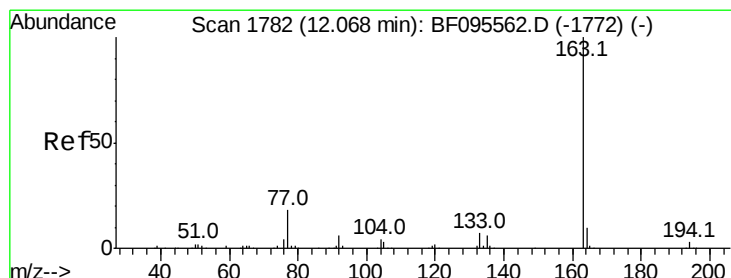
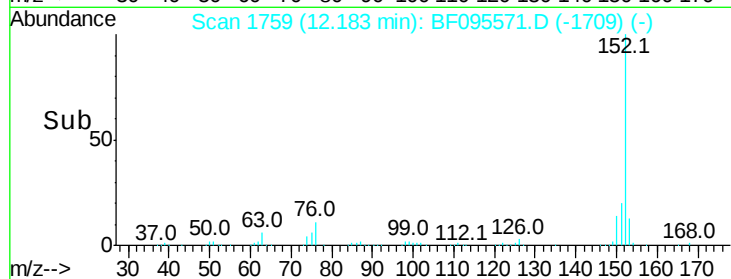
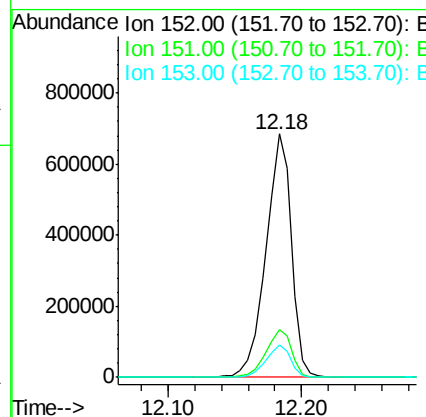
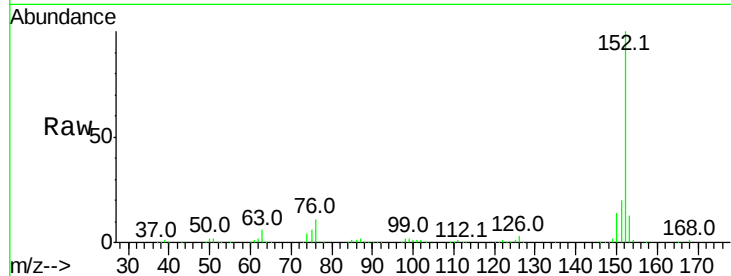
#48
Acenaphthylene
Concen: 45.15 ng
RT: 12.18 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	19.7	16.8	25.2	
153	13.1	10.8	16.2	

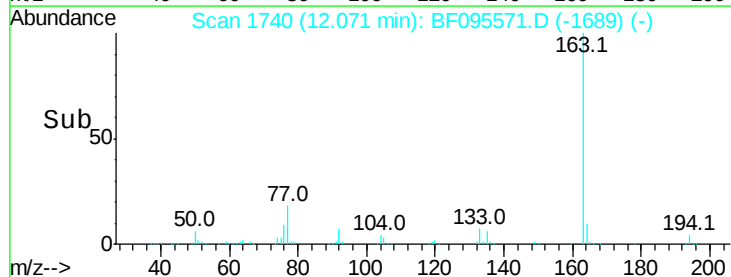
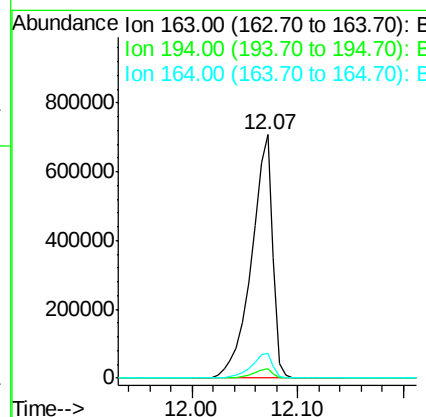
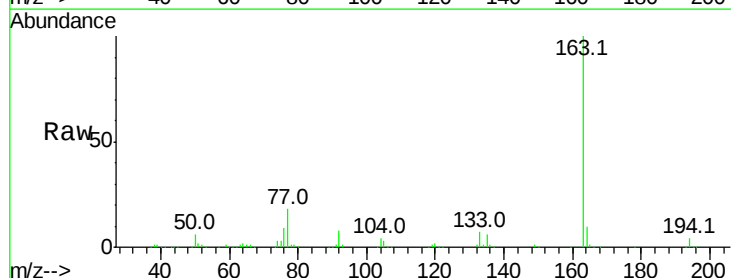
Manual Integrations
APPROVED

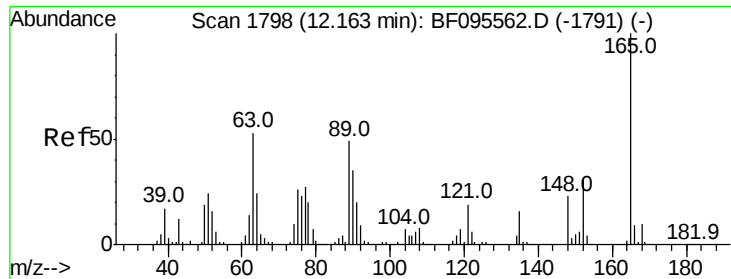
mohammad
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#49
Dimethylphthalate
Concen: 63.98 ng
RT: 12.07 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

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





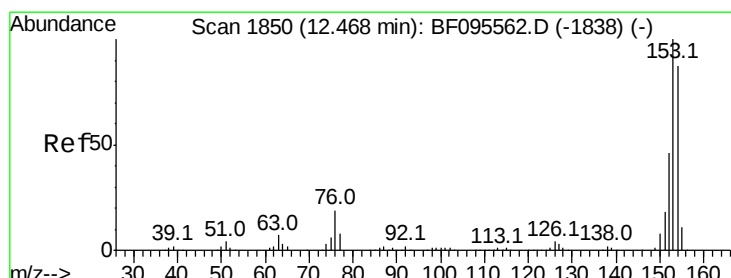
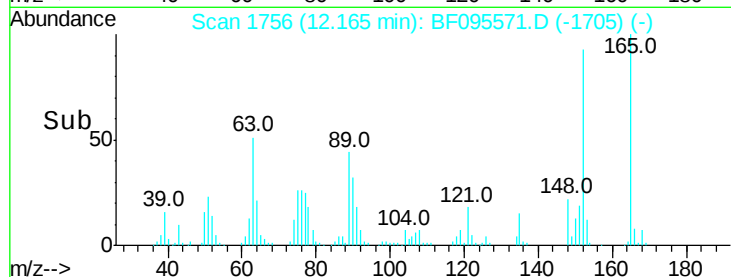
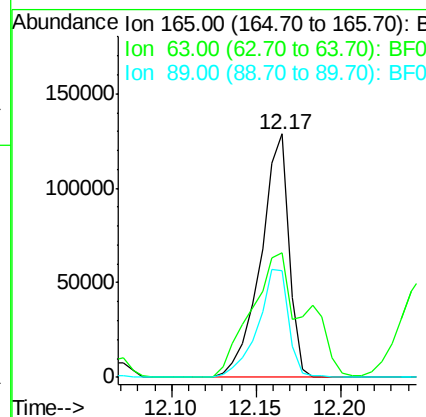
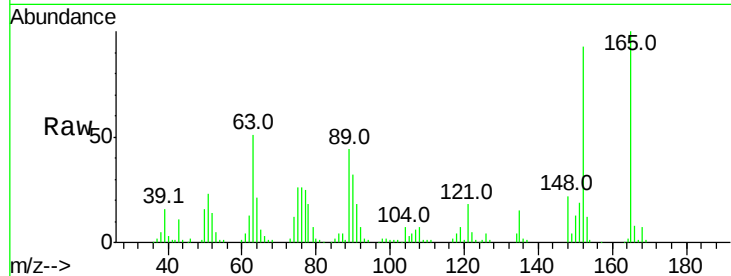
#50
2,6-Dinitrotoluene
Concen: 47.36 ng
RT: 12.17 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	149573		
63	51.2	34.3	51.5	
89	43.6	37.1	55.7	

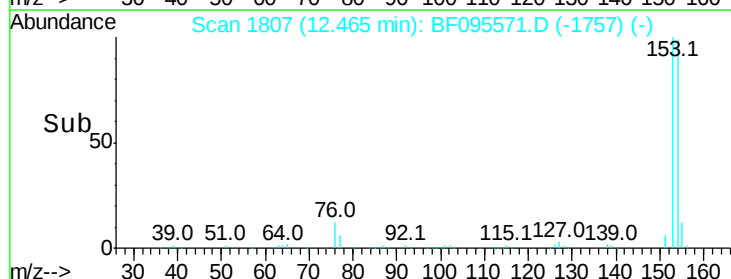
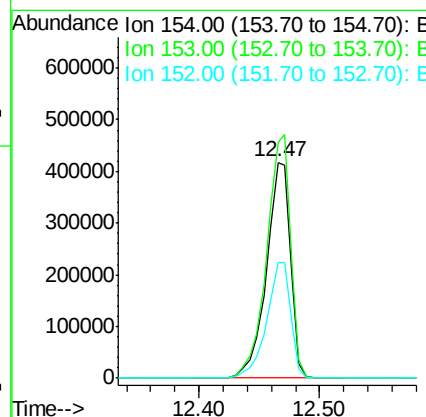
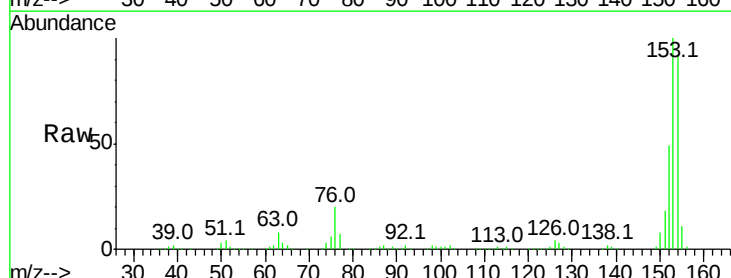
Manual Integrations
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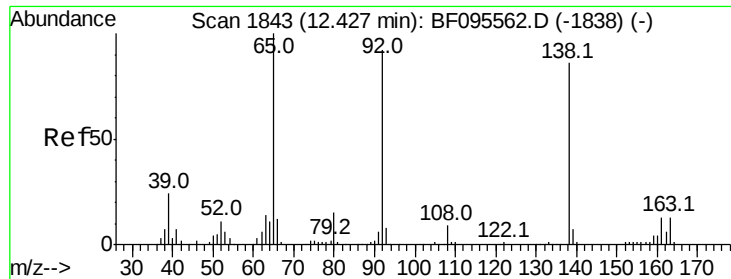
mohammad
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#51
Acenaphthene
Concen: 48.33 ng
RT: 12.47 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	579665		
153	109.2	90.5	135.7	
152	53.7	43.6	65.4	





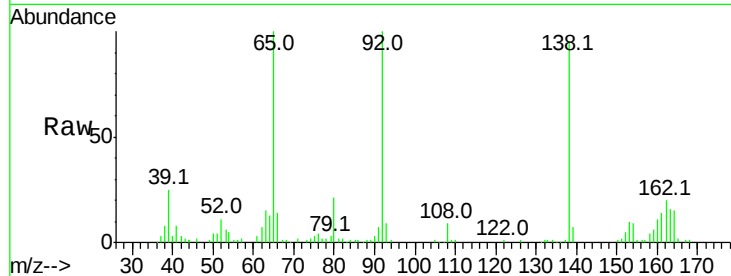
#52
3-Nitroaniline
Concen: 33.33 ng
RT: 12.43 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

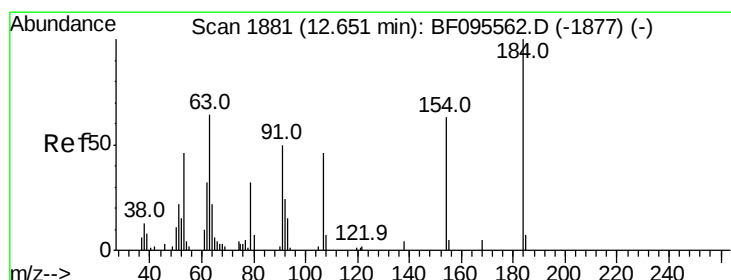
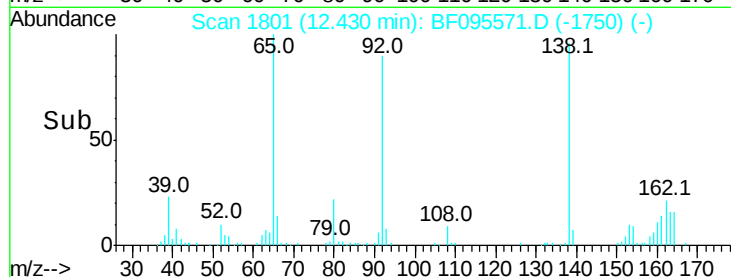
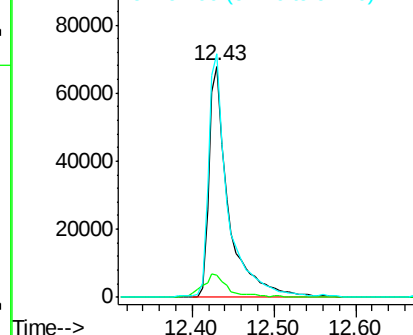
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.8	9.1	13.7	
92	105.2	93.8	140.6	

Manual Integrations
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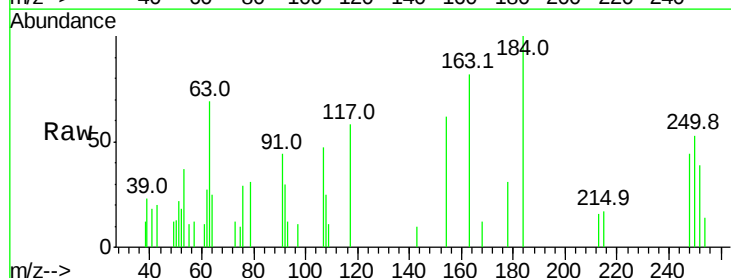


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

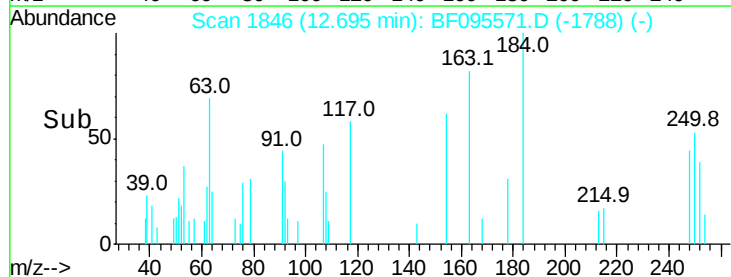
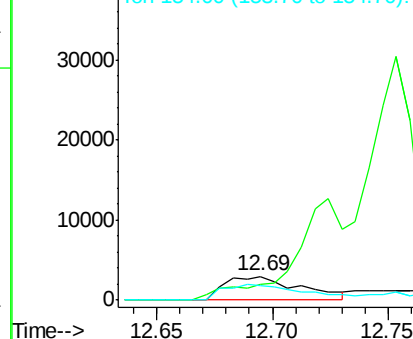


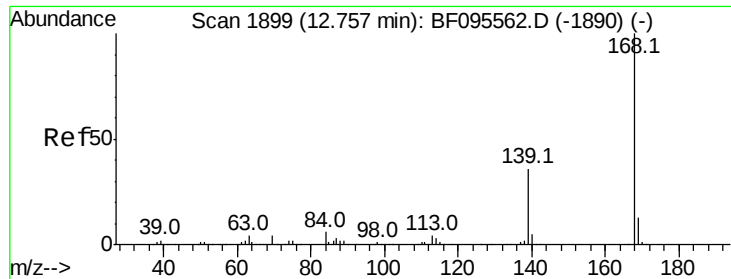
#53
2,4-Dinitrophenol
Concen: 9.83 ng
RT: 12.69 min Scan# 1846
Delta R.T. 0.04 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.6	62.7	94.1	
154	62.1	81.1	121.7#	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





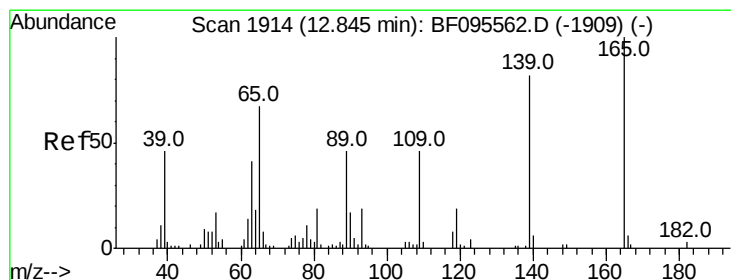
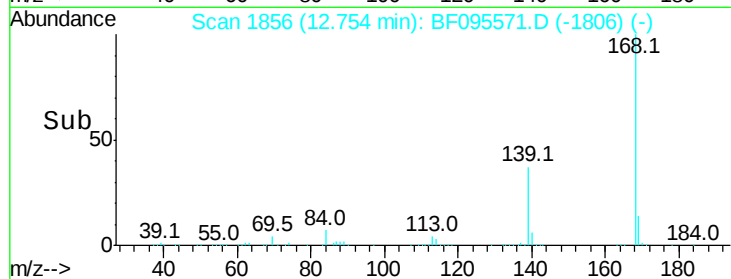
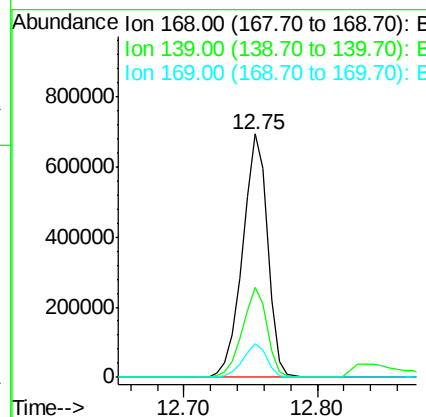
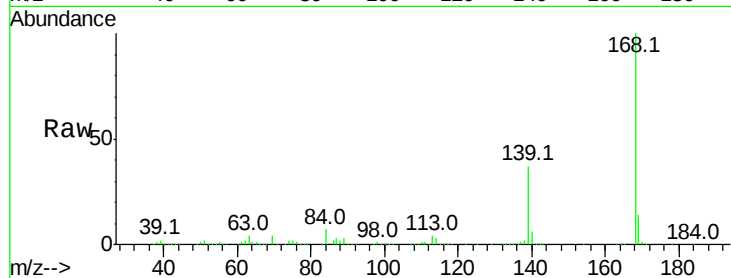
#54
Dibenzenofuran
Concen: 54.23 ng
RT: 12.75 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.6	45.8
169	13.7	10.8	16.2

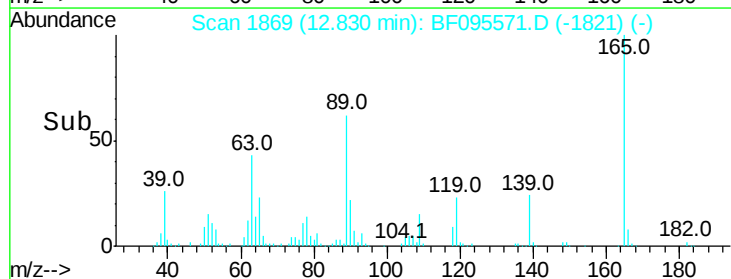
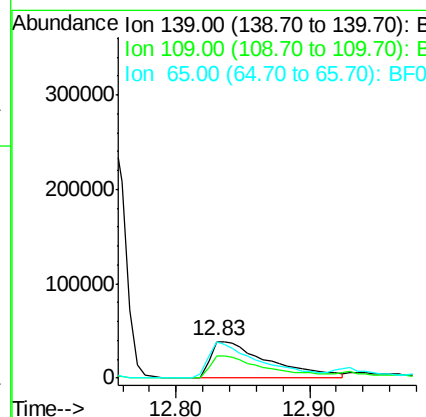
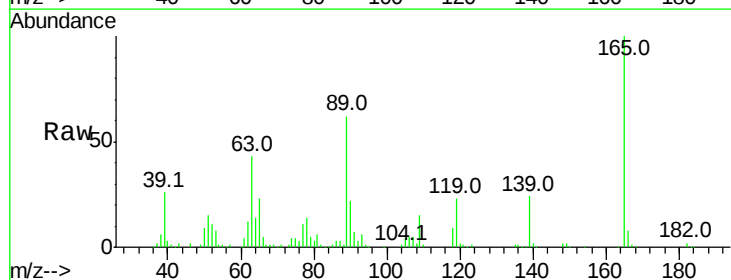
Manual Integrations
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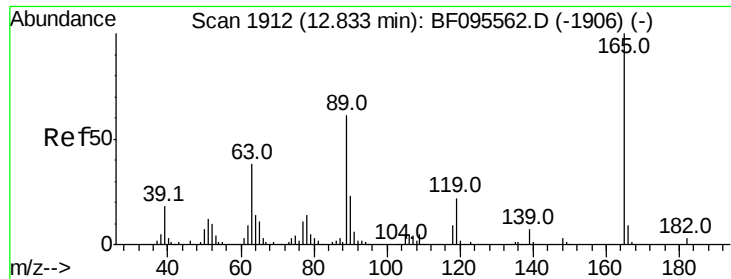
mohammad
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#55
4-Nitrophenol
Concen: 58.16 ng
RT: 12.83 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.5	34.1	74.1
65	98.8	31.4	71.4#





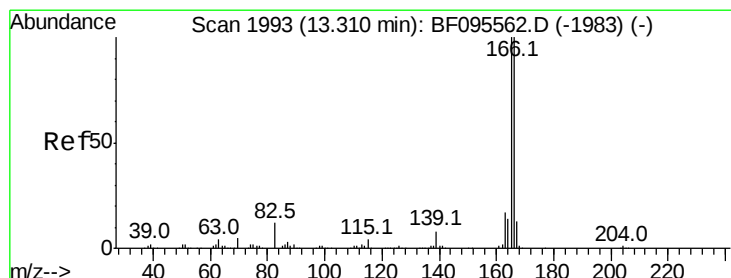
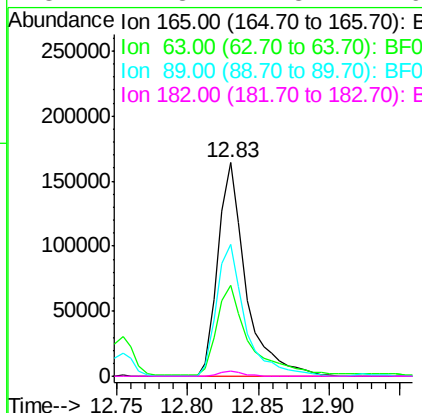
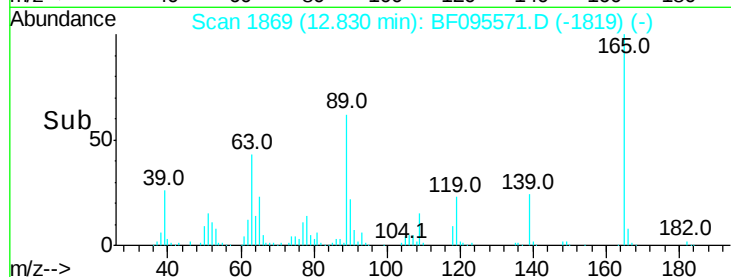
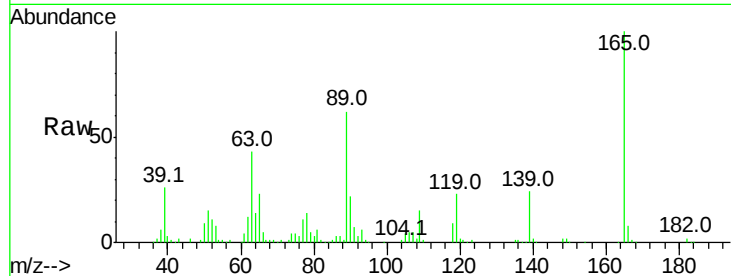
#56
2,4-Dinitrotoluene
Concen: 56.28 ng
RT: 12.83 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.6	25.4	38.0	#
89	61.7	46.4	69.6	
182	2.3	1.8	2.6	

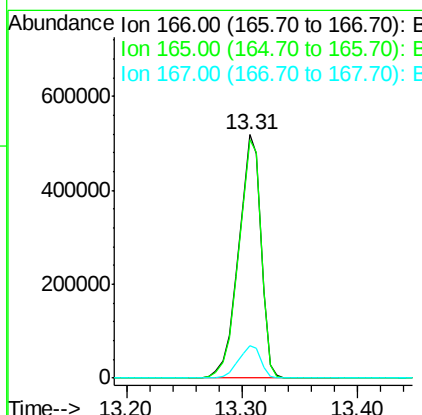
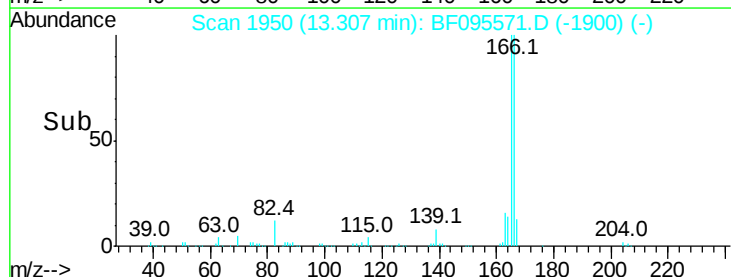
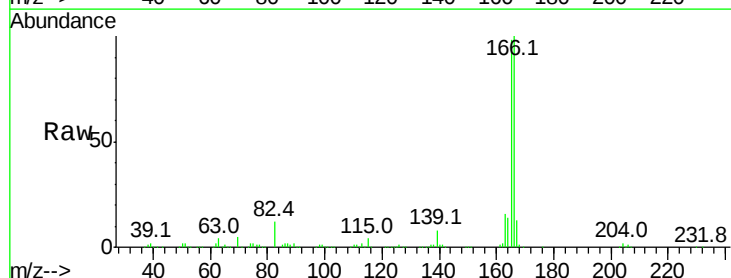
Manual Integrations
APPROVED

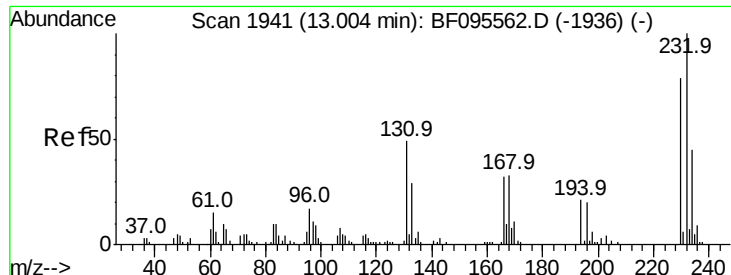
mohammad
6/1/2017 2:20:04 PM



#57
Fluorene
Concen: 47.95 ng
RT: 13.31 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	78.8	118.2	
167	13.3	10.6	16.0	





#58

2,3,4,6-Tetrachlorophenol

Concen: 44.08 ng

RT: 13.00 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

ClientSampleId :

B-7(3-7)MSD

Tot Ion:232 Resp: 115442

Ion Ratio Lower Upper

232 100

131 52.2 44.8 67.2

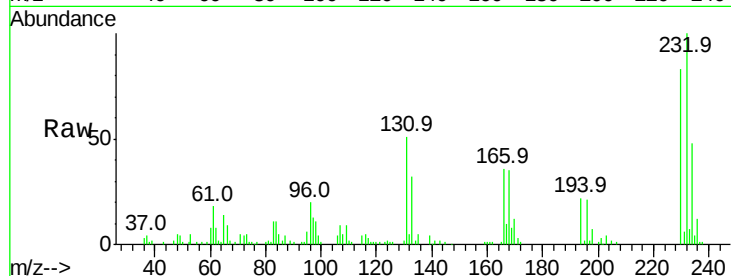
130 2.0 2.3 3.5

166 31.4 29.0 43.4

Manual Integrations
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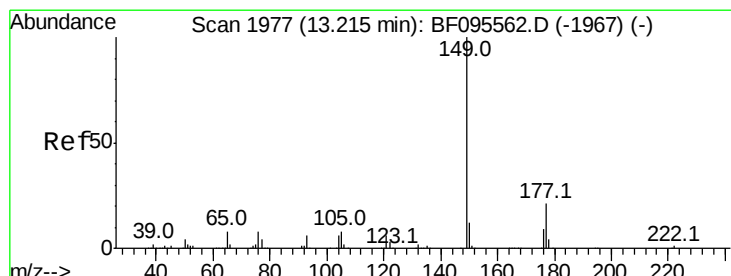
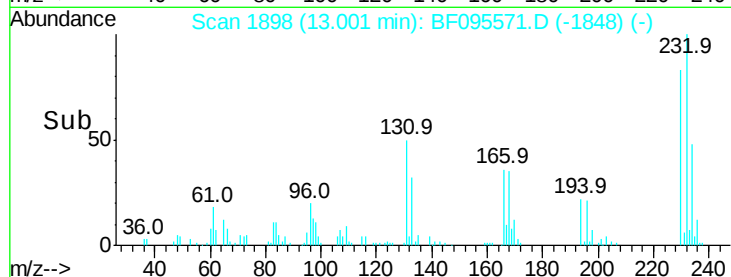
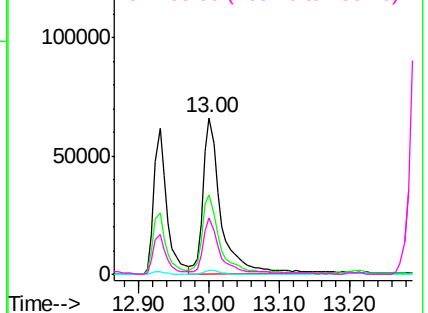


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 48.16 ng

RT: 13.21 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

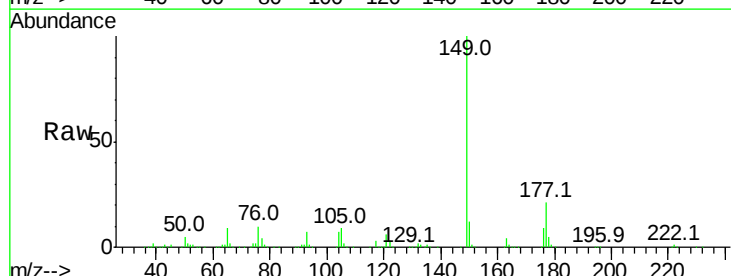
Tgt Ion:149 Resp: 714540

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

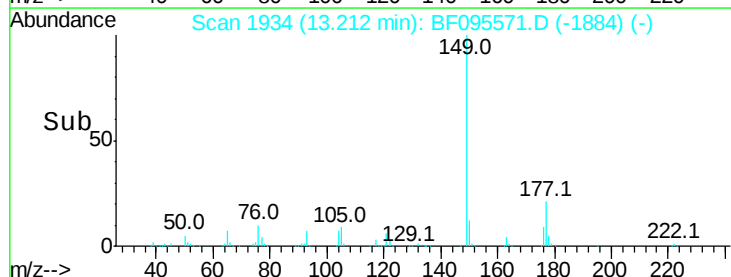
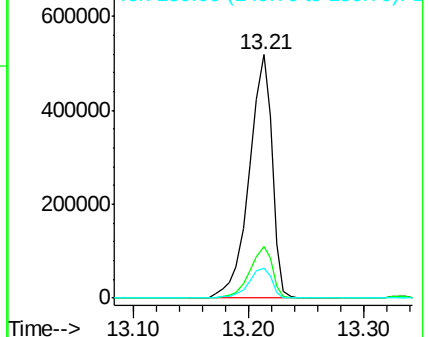
150 12.4 10.2 15.2

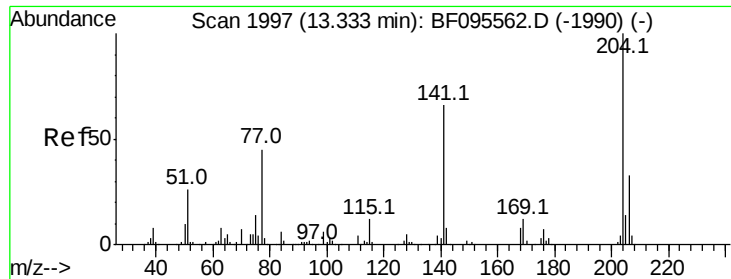


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





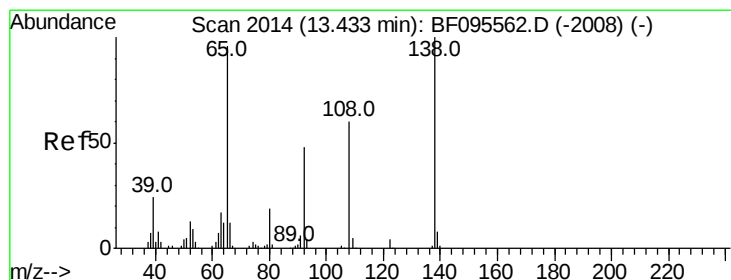
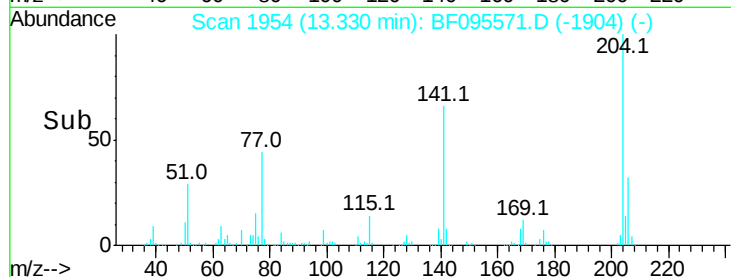
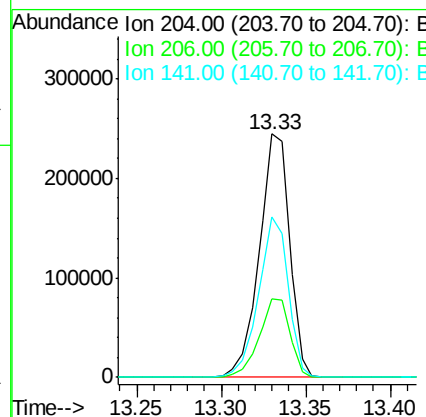
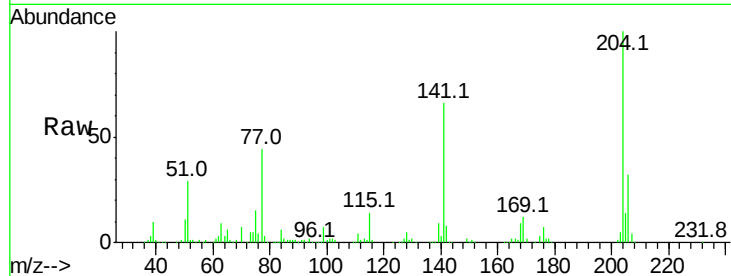
#60
4-Chlorophenyl-phenylether
Concen: 48.37 ng
RT: 13.33 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	65.8	60.8	91.2

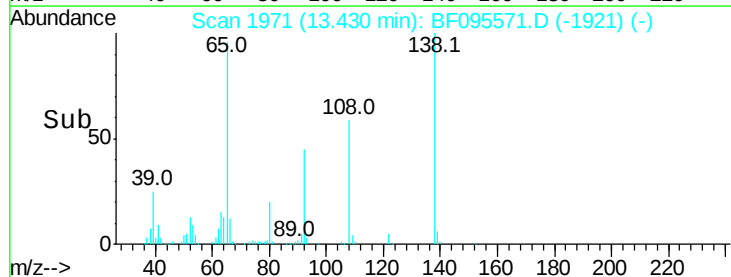
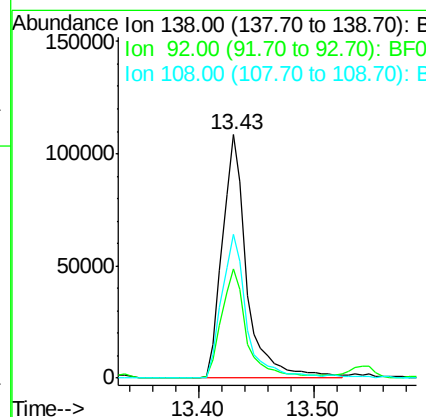
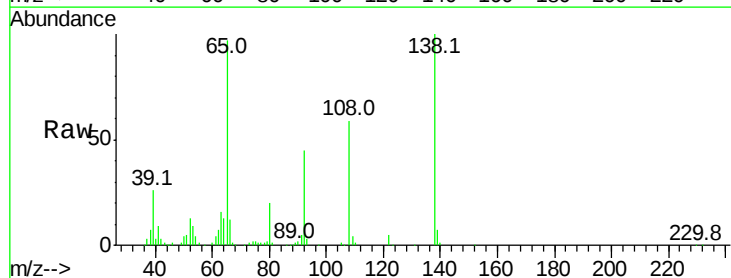
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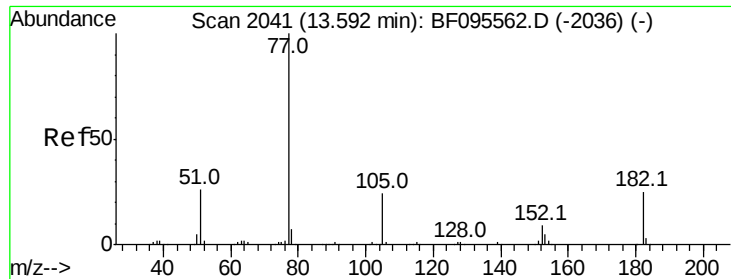
mohammad
6/1/2017 2:20:04 PM



#61
4-Nitroaniline
Concen: 51.37 ng
RT: 13.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	21.8	61.8
108	59.3	42.3	82.3





#62

Azobenzene

Concen: 56.16 ng

RT: 13.59 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

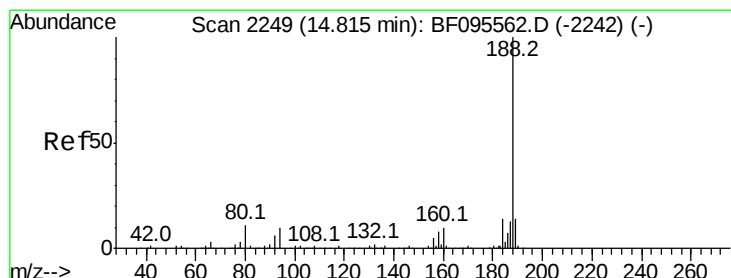
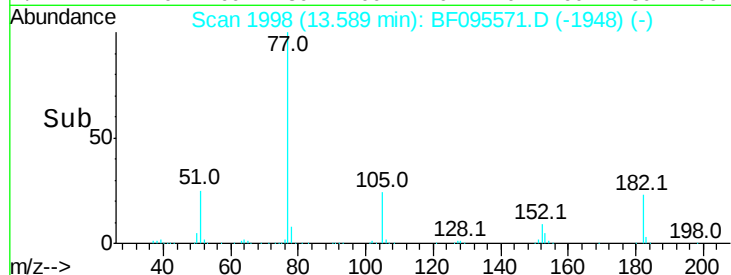
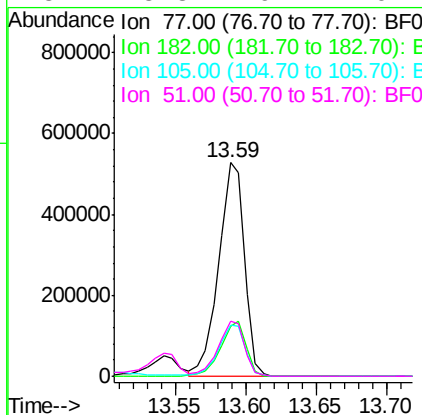
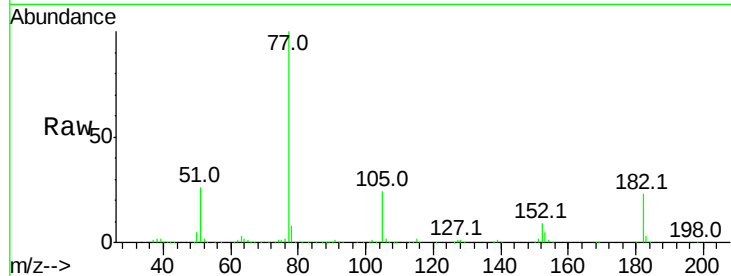
ClientSampleId :

B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	669617		
182	23.2	0.1	40.1	
105	24.1	3.6	43.6	
51	25.8	9.4	49.4	

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#63

Phenanthrene-d10

Concen: 20.00 ng

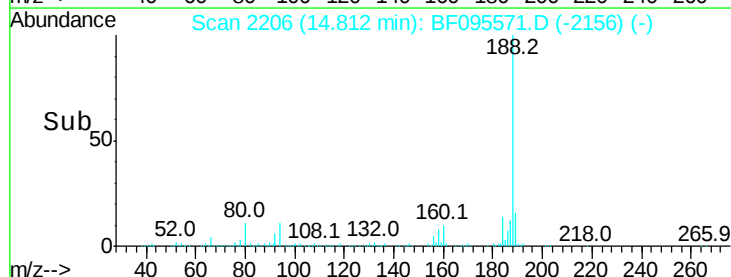
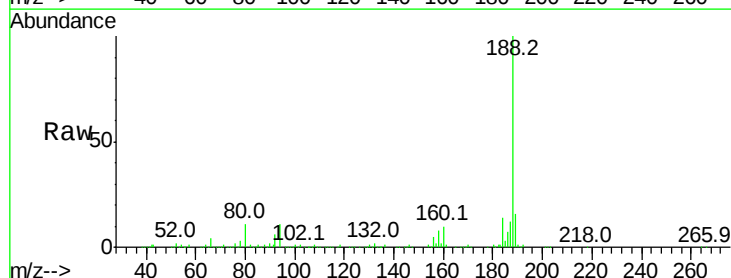
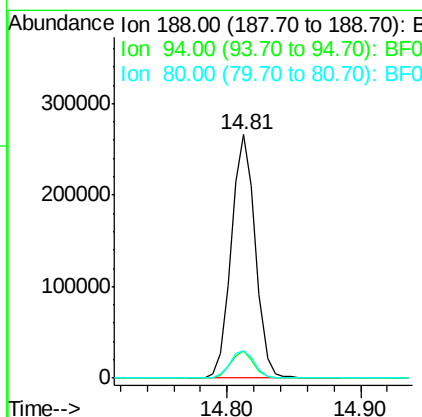
RT: 14.81 min Scan# 2206

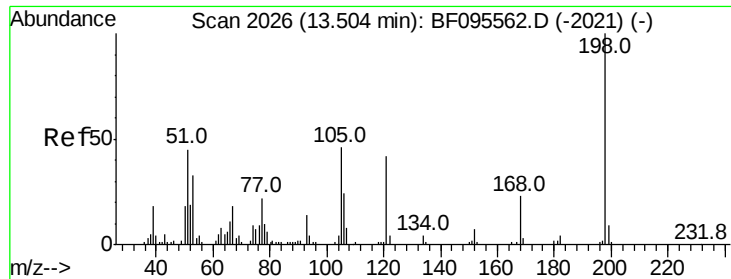
Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	334089		
94	11.0	9.4	14.2	
80	11.4	10.2	15.2	





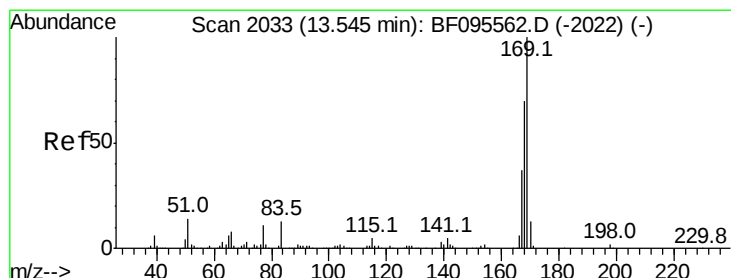
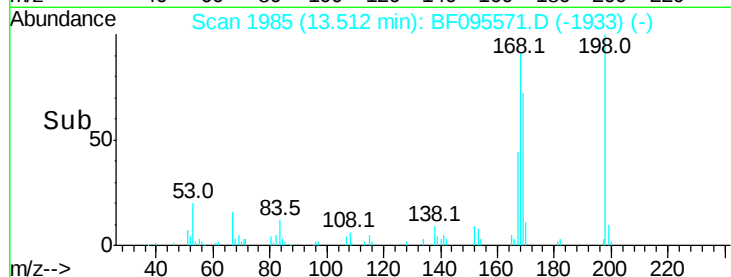
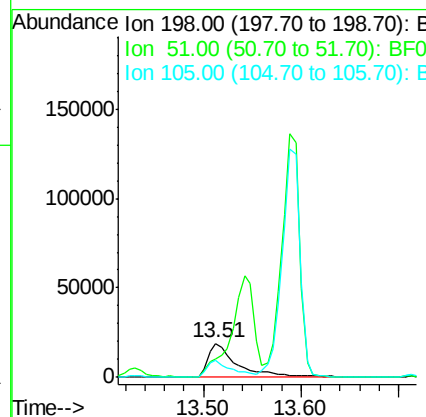
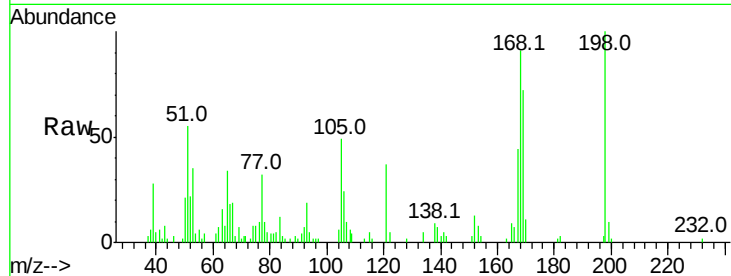
#64
4,6-Dinitro-2-methylphenol
Concen: 17.75 ng
RT: 13.51 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	54.8	53.2	93.2
105	49.3	45.8	85.8

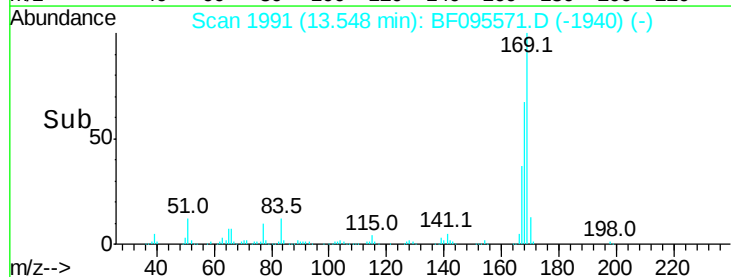
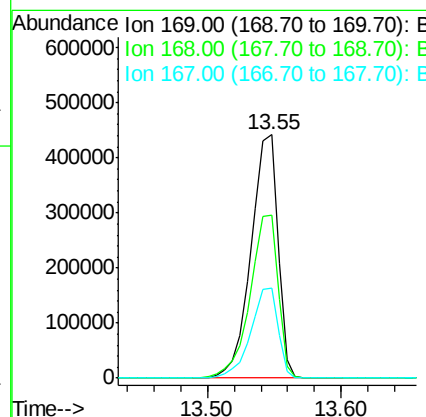
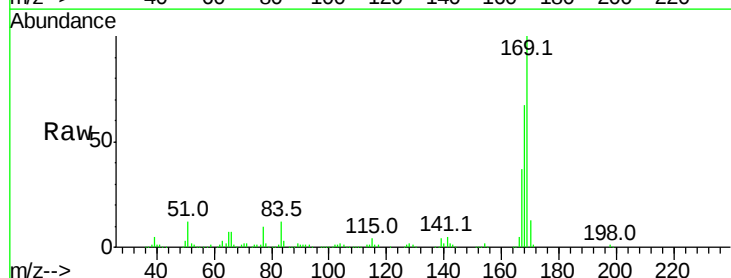
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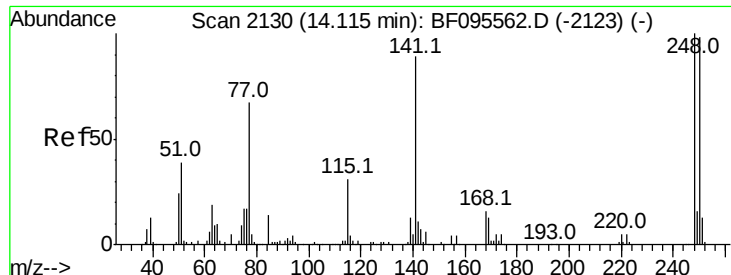
mohammad
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#65
n-Nitrosodiphenylamine
Concen: 50.41 ng
RT: 13.55 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.2	79.8
167	36.9	29.5	44.3





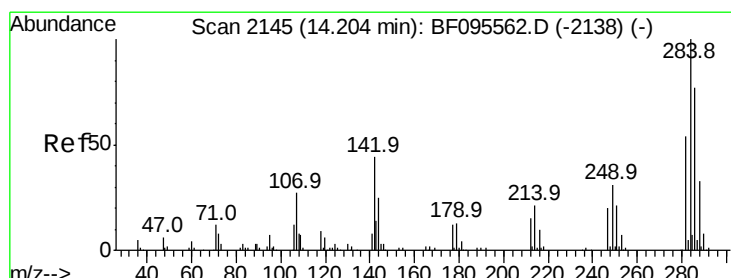
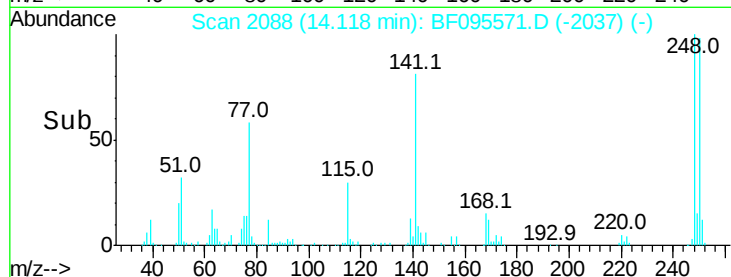
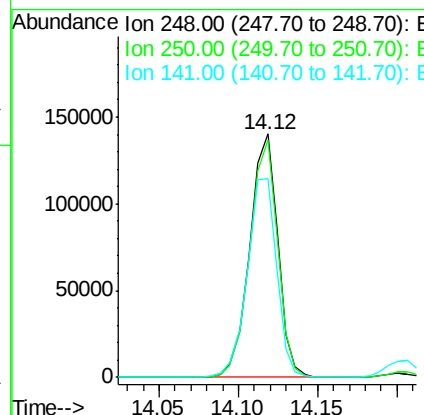
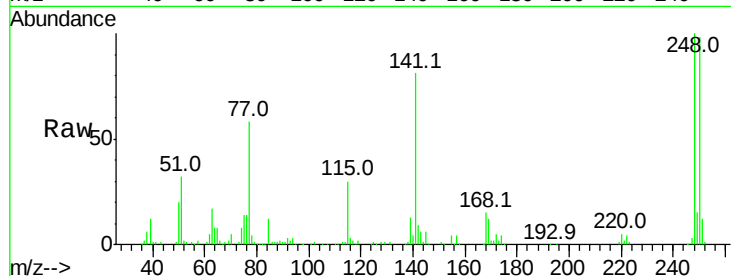
#66
4-Bromophenyl-phenylether
Concen: 48.94 ng
RT: 14.12 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.8	115.2
141	81.5	68.6	103.0

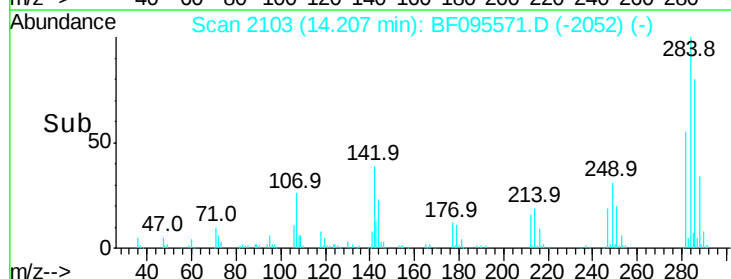
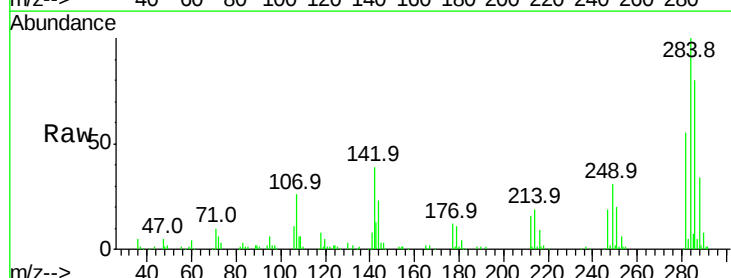
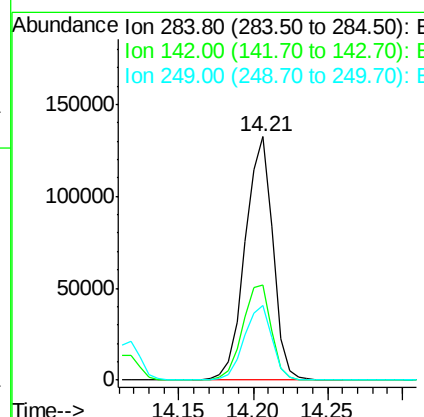
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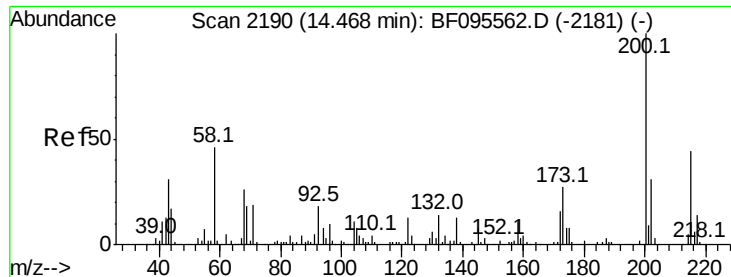
mohammad
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#67
Hexachlorobenzene
Concen: 47.09 ng
RT: 14.21 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	22.8	34.2#
249	30.7	24.0	36.0





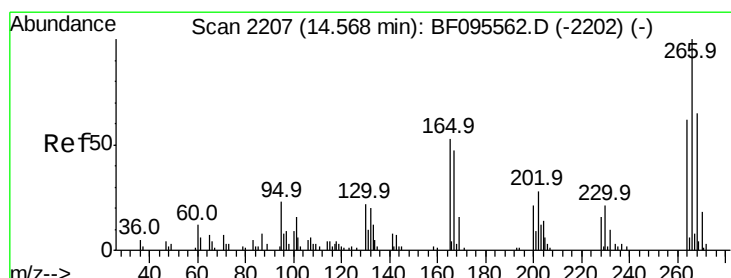
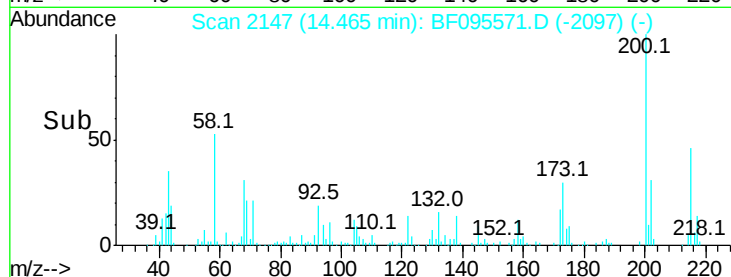
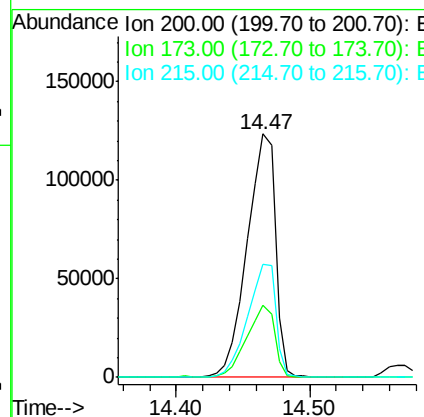
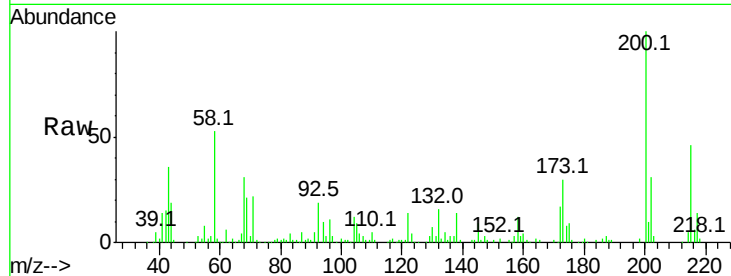
#68
Atrazine
Concen: 52.73 ng
RT: 14.47 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

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

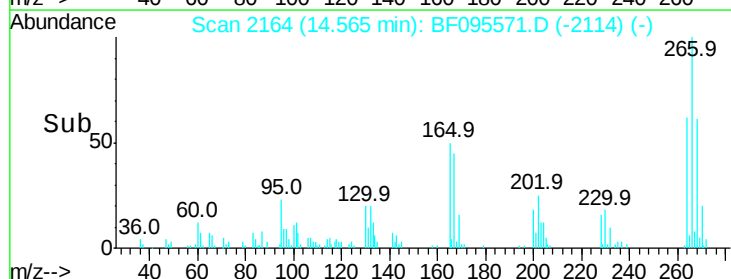
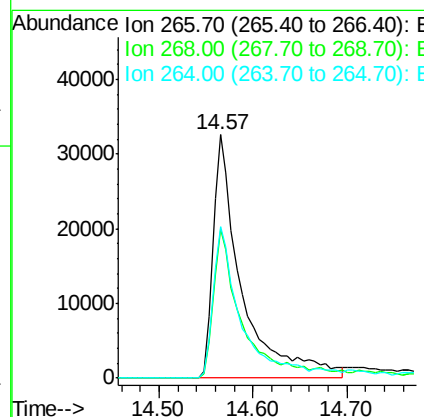
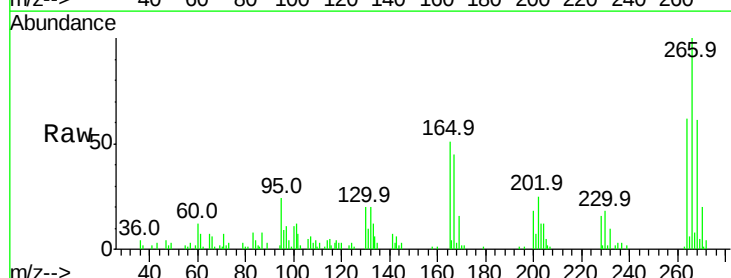
Manual Integrations
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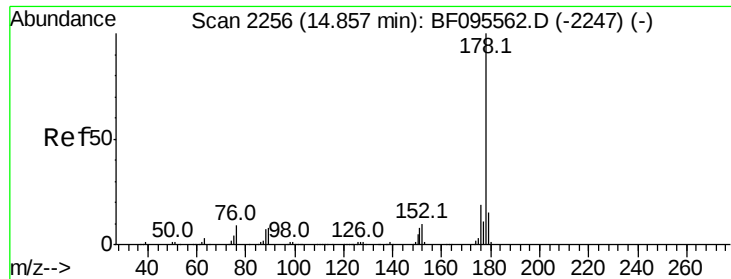
mohammad
6/1/2017 2:20:04 PM



#69
Pentachlorophenol
Concen: 45.24 ng
RT: 14.57 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.1	51.1	76.7
264	62.4	51.7	77.5





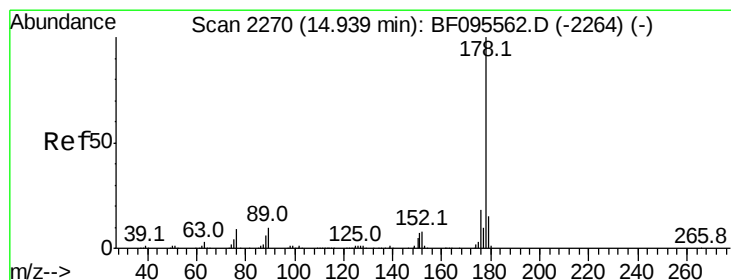
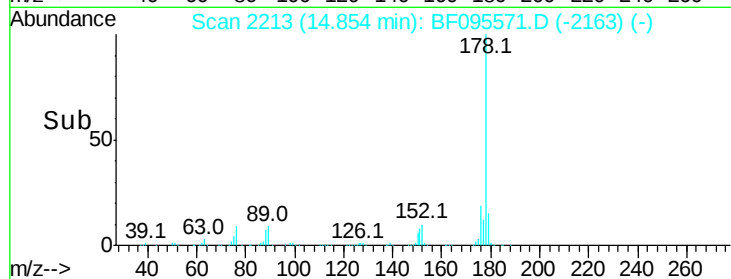
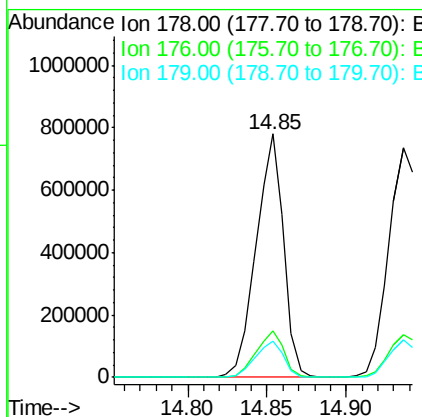
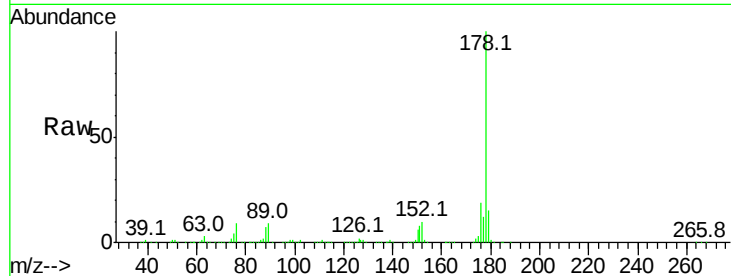
#70
Phenanthrene
Concen: 49.02 ng
RT: 14.85 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.1	12.6	19.0

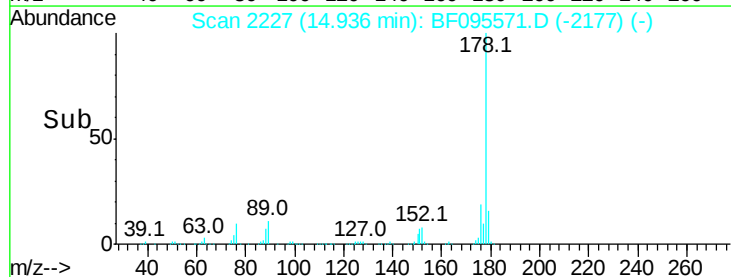
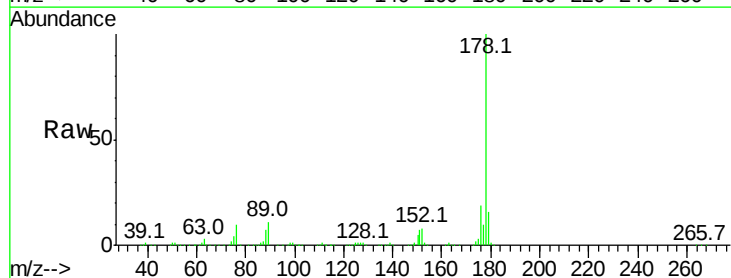
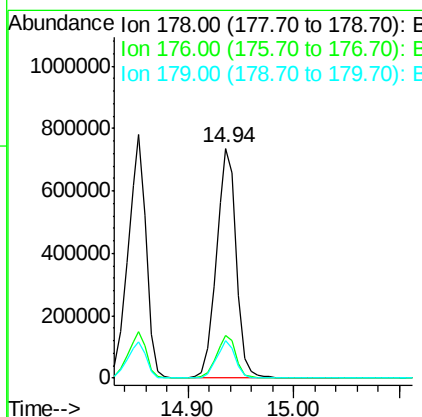
Manual Integrations
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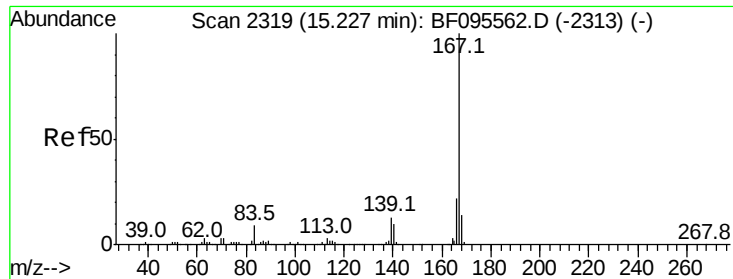
mohammad
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#71
Anthracene
Concen: 49.29 ng
RT: 14.94 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.1	12.7	19.1





#72

Carbazole

Concen: 51.82 ng

RT: 15.22 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

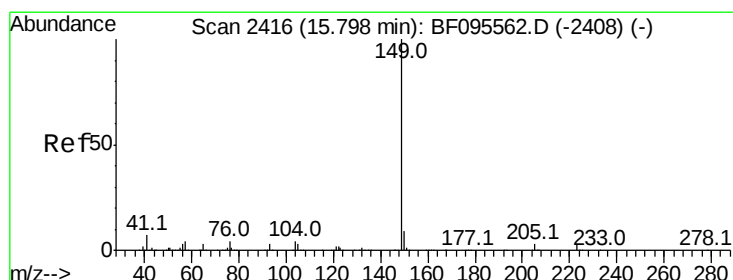
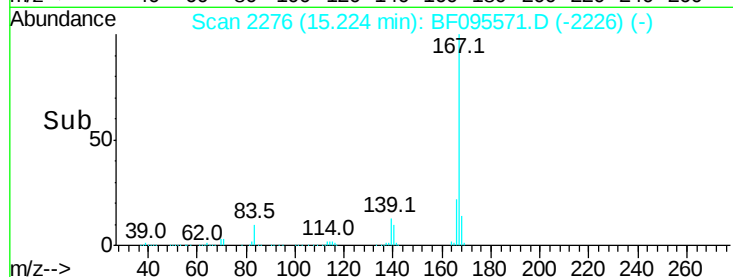
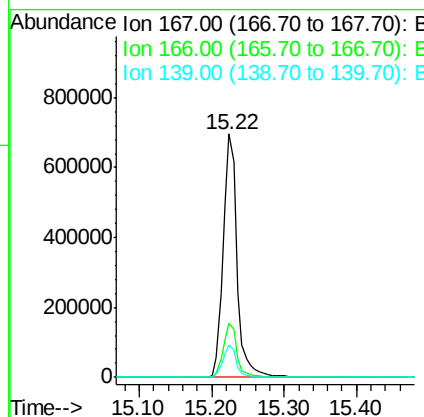
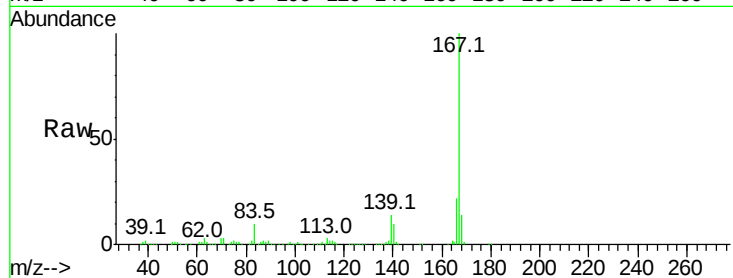
ClientSampleId :

B-7(3-7)MSD

Tot Ion:	167	Resp:	924424
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.1	27.1
139	13.5	11.7	17.5

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#73

Di-n-butylphthalate

Concen: 50.41 ng

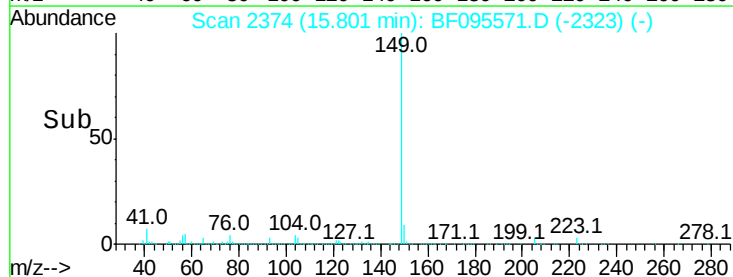
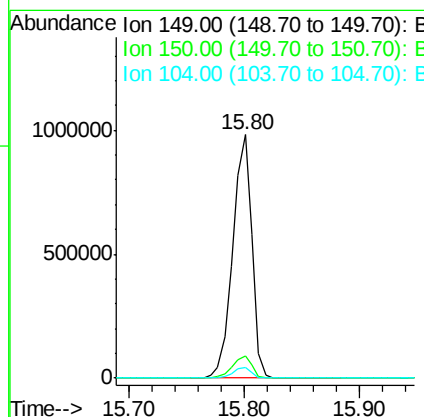
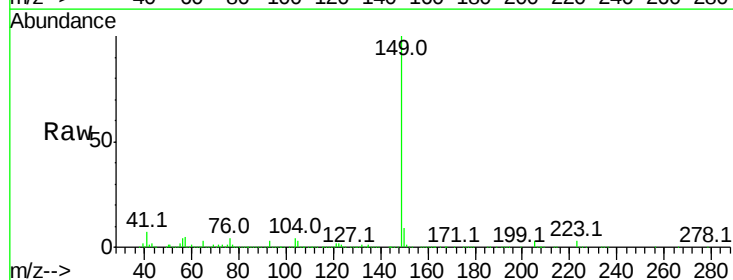
RT: 15.80 min Scan# 2374

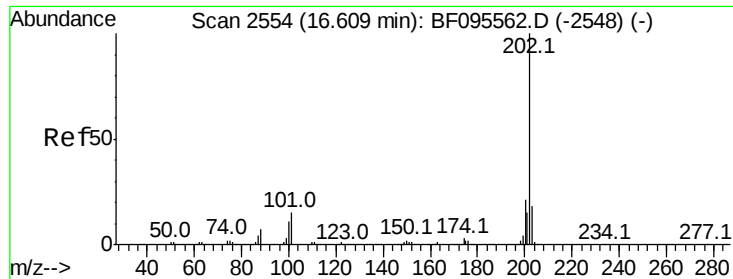
Delta R.T. 0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion:	149	Resp:	1121502
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.3	4.0	6.0





#74

Fluoranthene

Concen: 47.63 ng

RT: 16.61 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

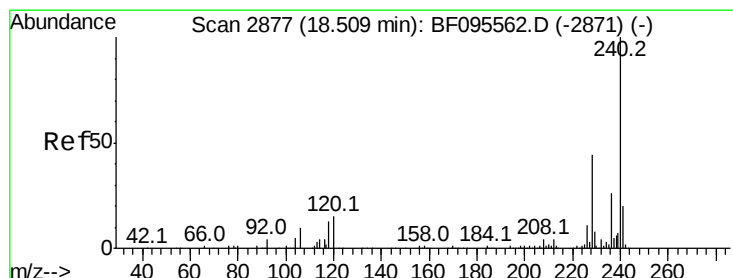
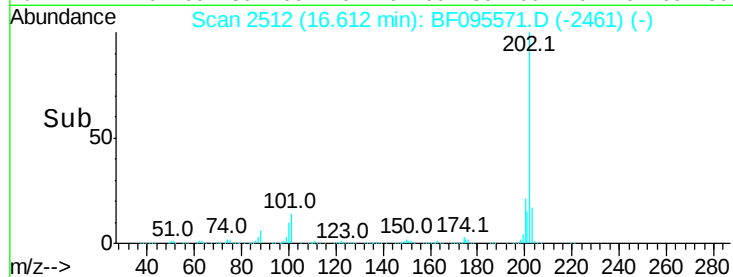
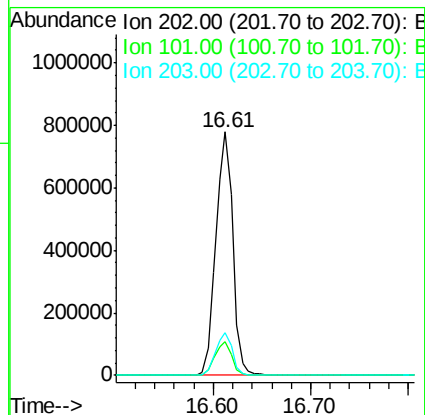
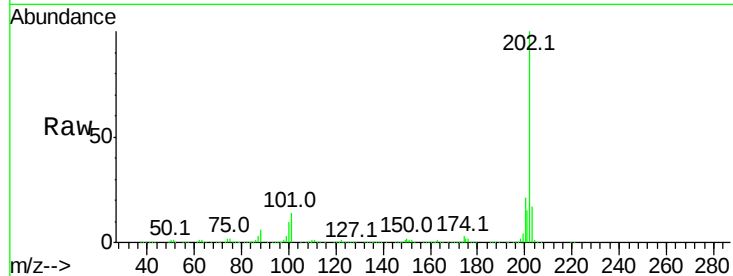
ClientSampleId :

B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	937792		
101	13.9	0.0	33.2	
203	17.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

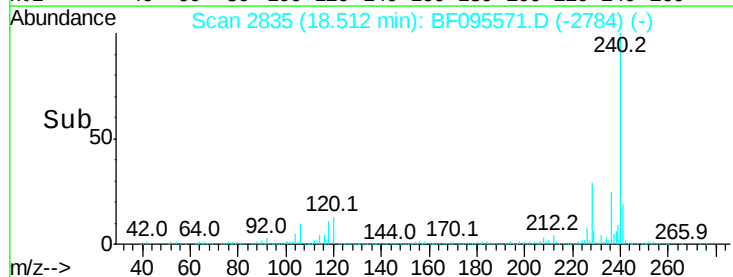
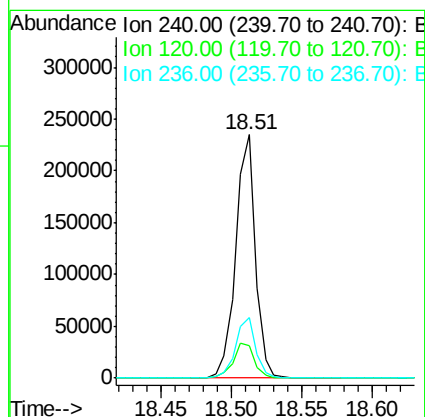
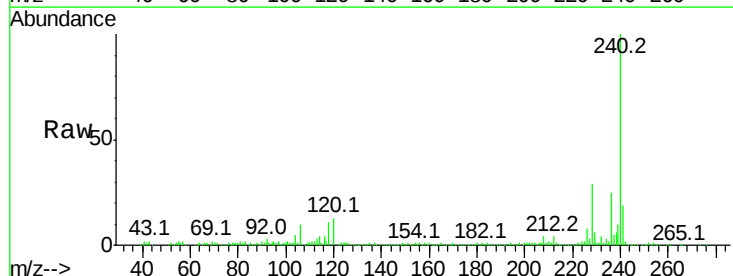
RT: 18.51 min Scan# 2835

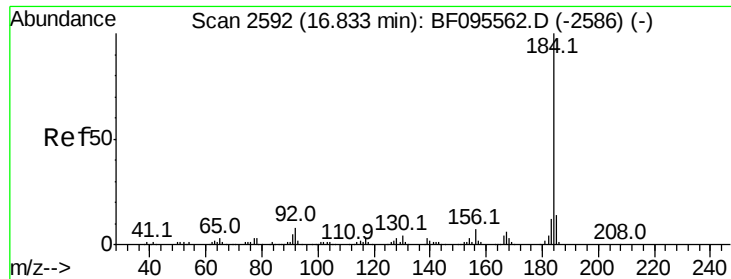
Delta R.T. 0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	227707		
120	13.4	5.8	8.8#	
236	25.0	20.5	30.7	





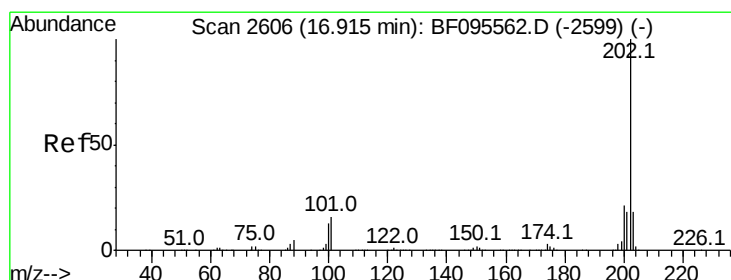
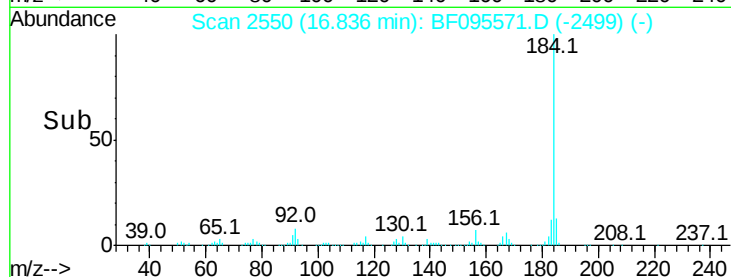
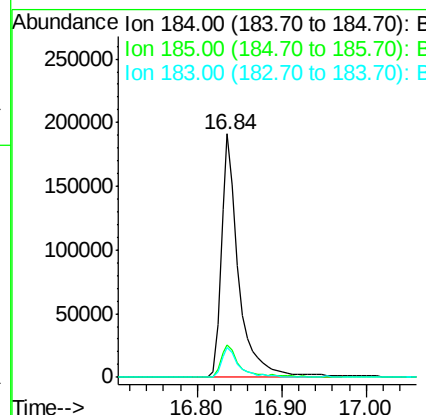
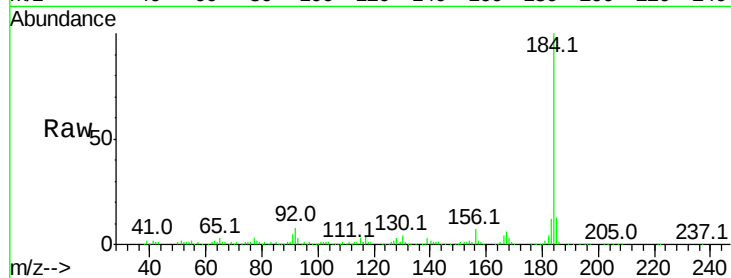
#76
Benzidine
Concen: 45.32 ng
RT: 16.84 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.2	15.5	23.3#
183	12.1	9.8	14.6

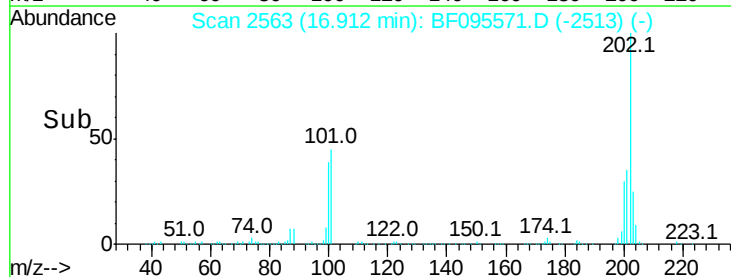
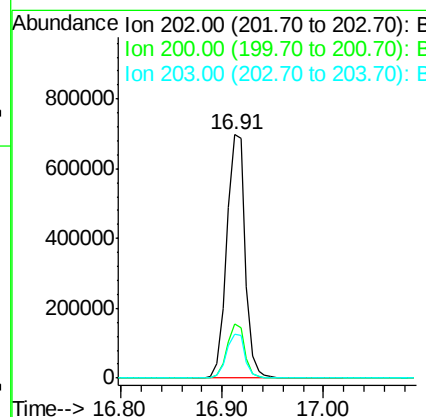
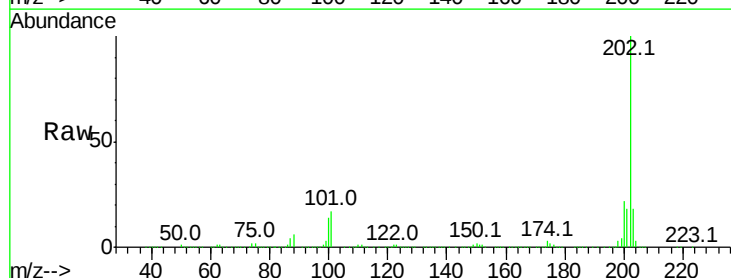
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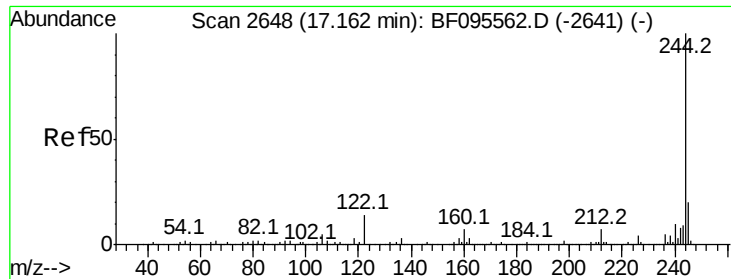
mohammad
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#77
Pyrene
Concen: 51.38 ng
RT: 16.91 min Scan# 2563
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

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





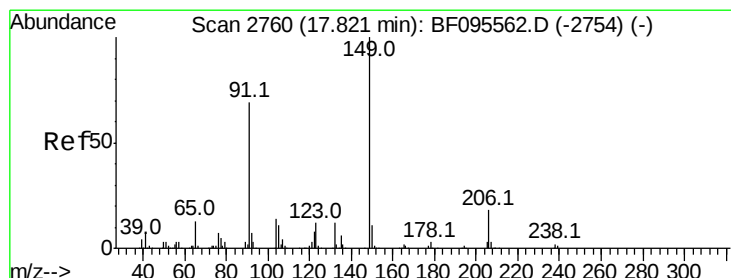
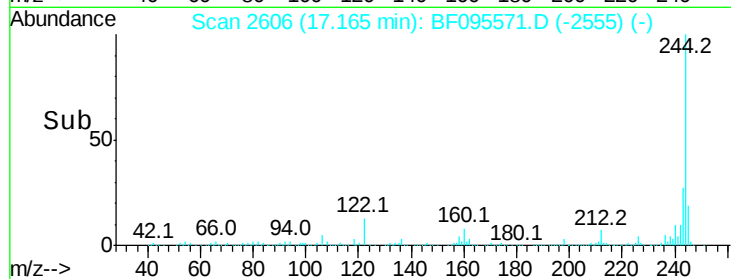
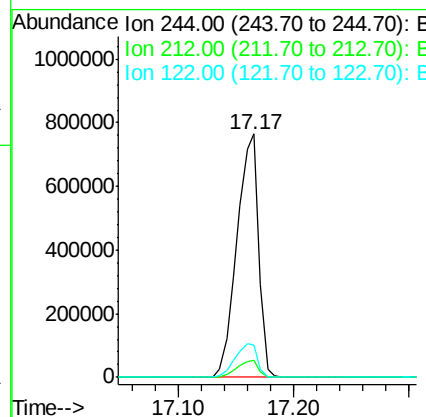
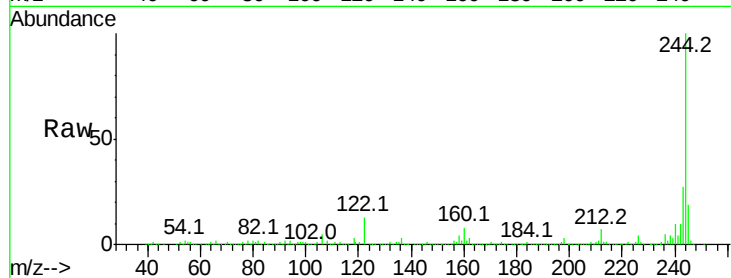
#78
 Terphenyl-d14
 Concen: 96.38 ng
 RT: 17.17 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BF095571.D
 Acq: 31 May 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.4	10.3	15.5

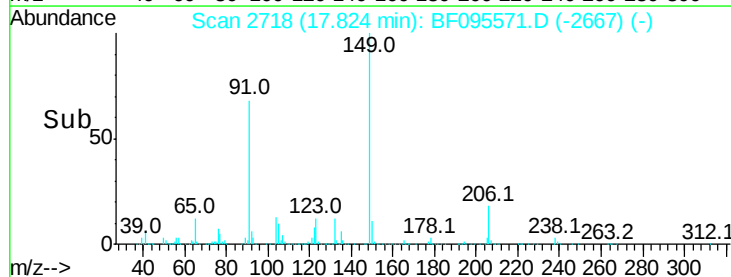
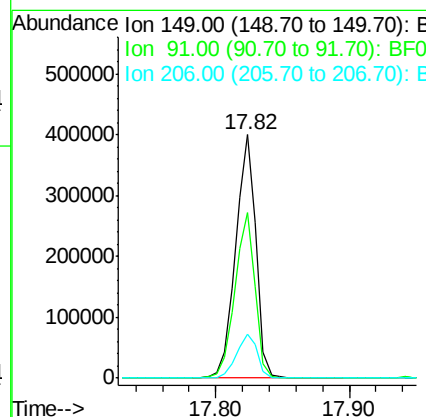
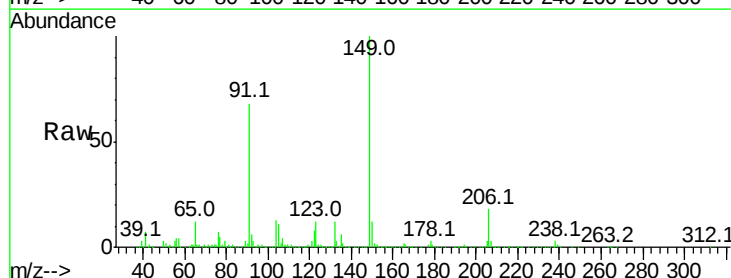
Manual Integrations
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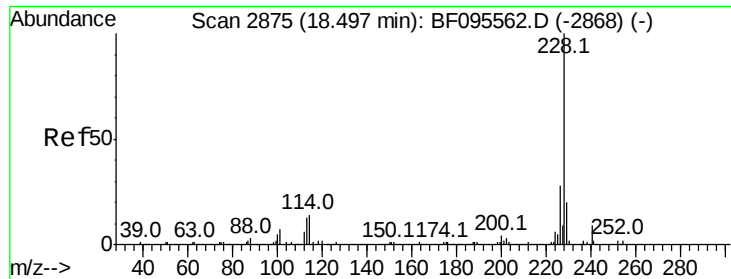
mohammad
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#79
 Butylbenzylphthalate
 Concen: 53.57 ng
 RT: 17.82 min Scan# 2718
 Delta R.T. 0.00 min
 Lab File: BF095571.D
 Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.0	45.0	67.4#
206	18.2	17.0	25.6





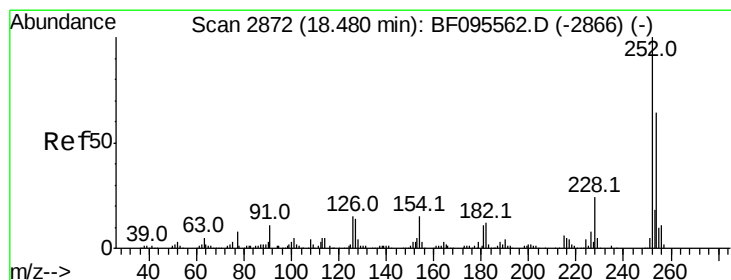
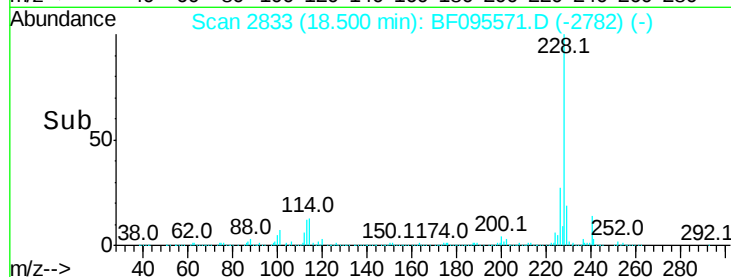
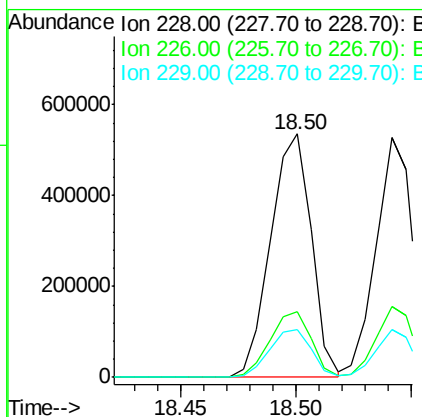
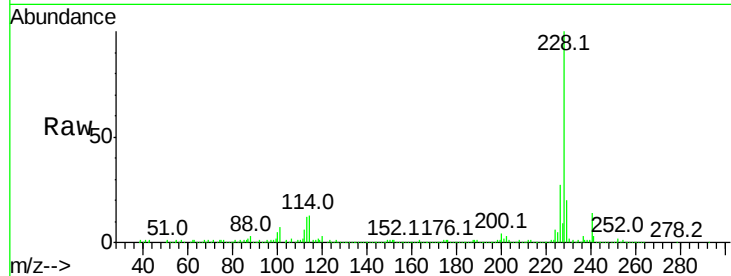
#80
Benzo(a)anthracene
Concen: 49.32 ng
RT: 18.50 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.6	16.3	24.5

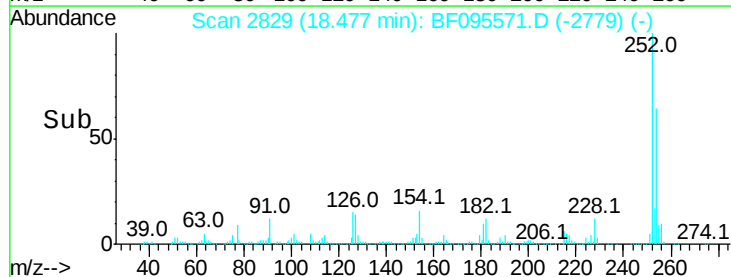
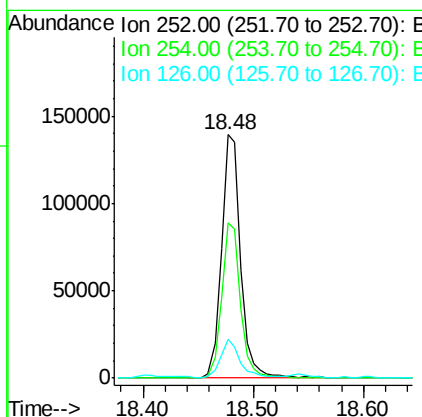
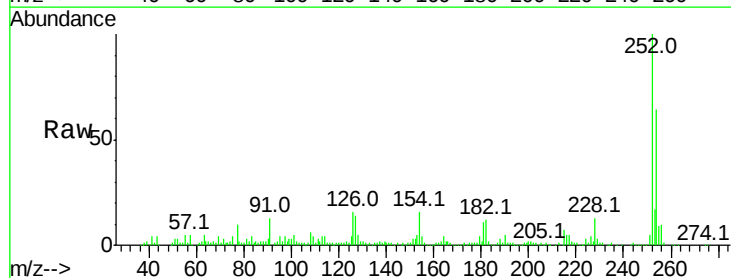
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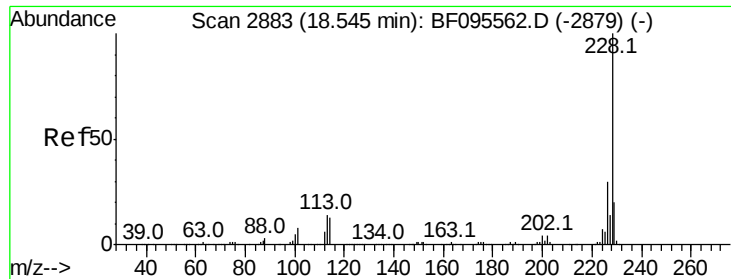
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#81
3,3'-Dichlorobenzidine
Concen: 36.73 ng
RT: 18.48 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	15.7	15.8	23.8#





#82

Chrysene

Concen: 45.80 ng

RT: 18.54 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

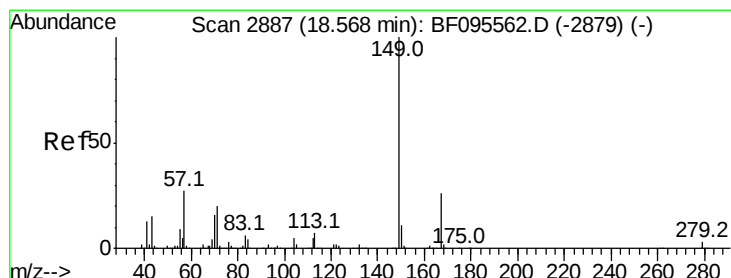
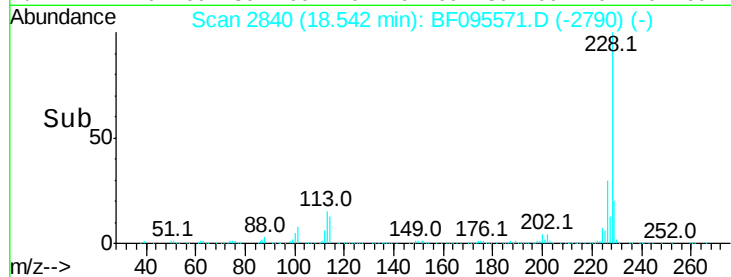
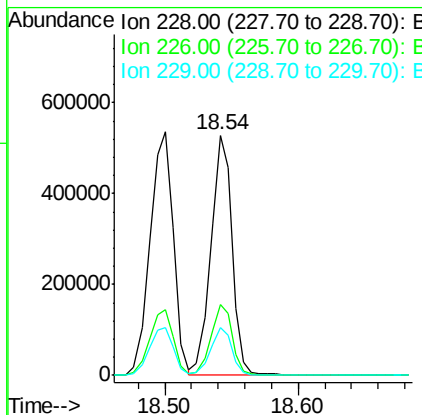
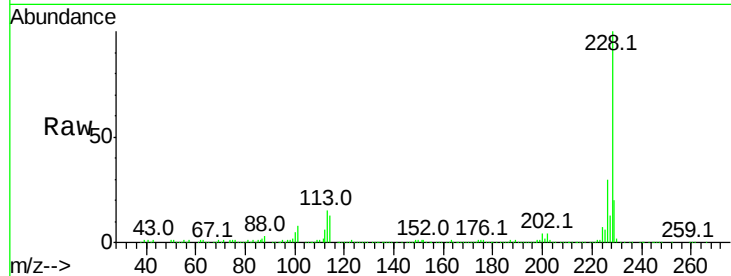
ClientSampleId :

B-7(3-7)MSD

Tot Ion:	228	Resp:	586851
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	20.0	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 53.72 ng

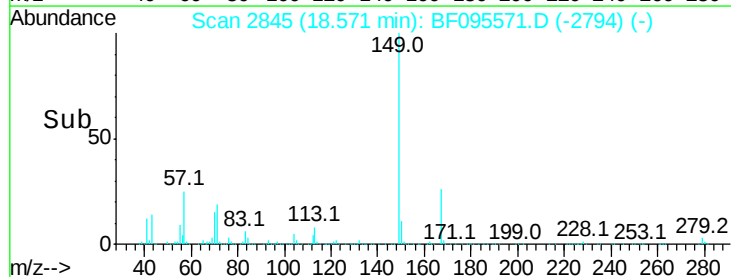
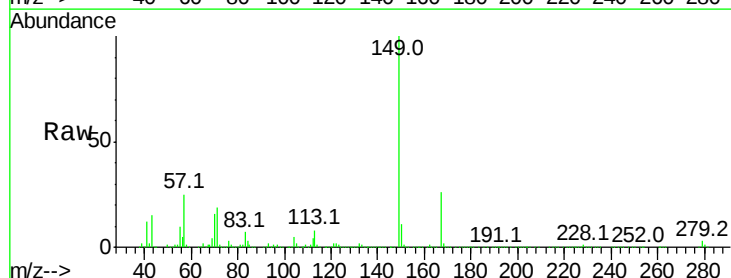
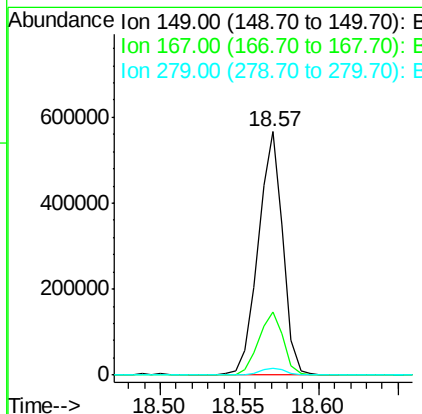
RT: 18.57 min Scan# 2845

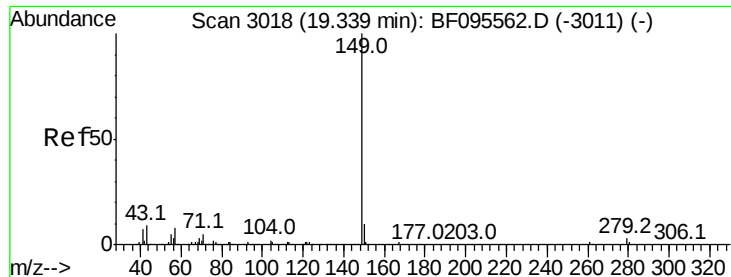
Delta R.T. 0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion:	149	Resp:	606338
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.0	31.4
279	3.1	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 48.69 ng

RT: 19.34 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Instrument :

BNA_F

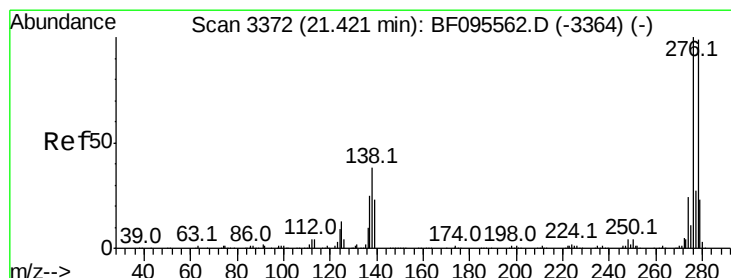
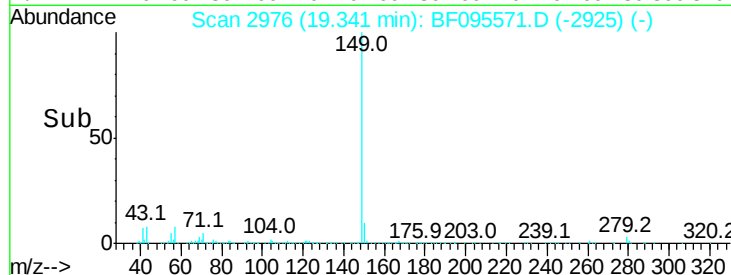
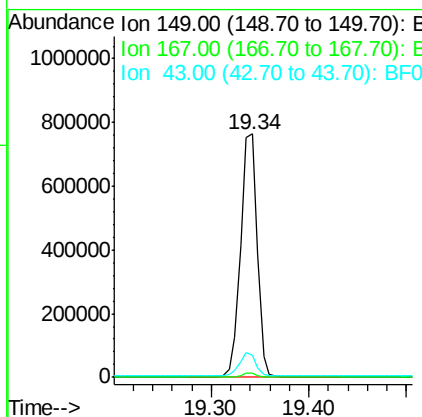
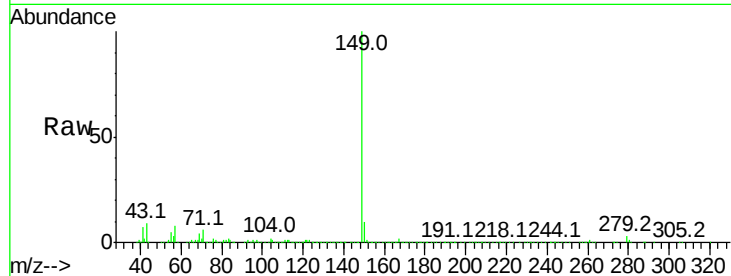
ClientSampleId :

B-7(3-7)MSD

Tot Ion:	149	Resp:	900934
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.3	8.5	12.7

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#85

Indeno(1,2,3-cd)pyrene

Concen: 55.85 ng

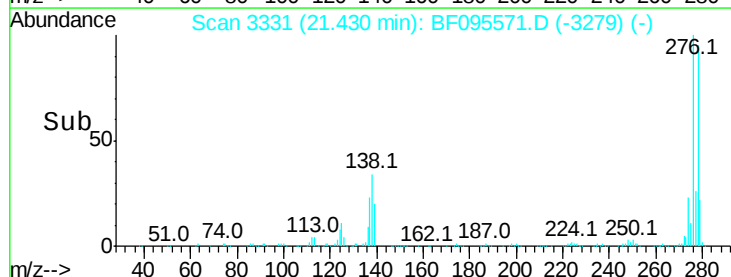
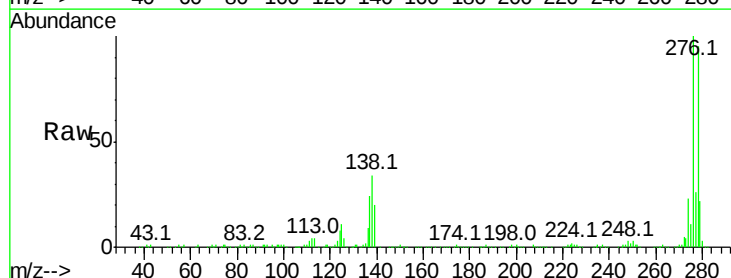
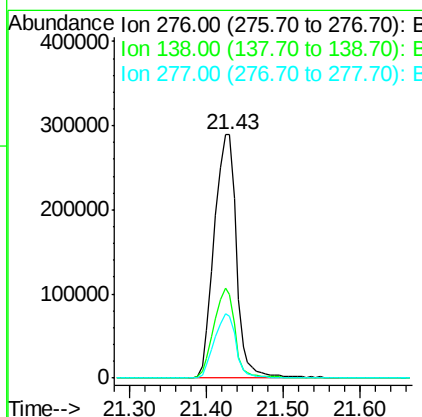
RT: 21.43 min Scan# 3331

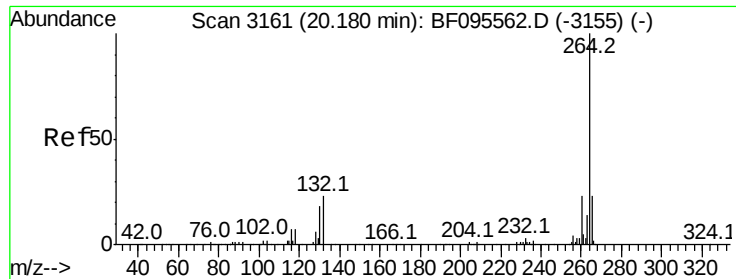
Delta R.T. 0.01 min

Lab File: BF095571.D

Acq: 31 May 2017 19:03

Tgt Ion:	276	Resp:	581187
Ion Ratio	Lower	Upper	
276	100		
138	35.1	27.8	41.6
277	26.0	20.2	30.4





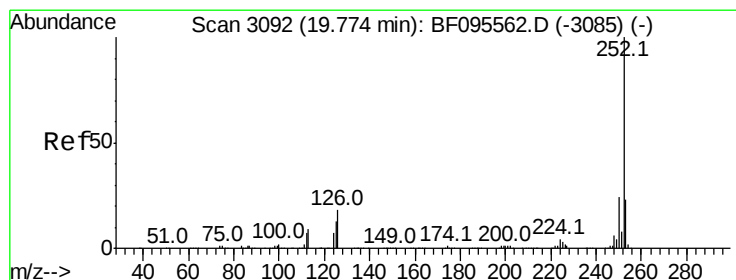
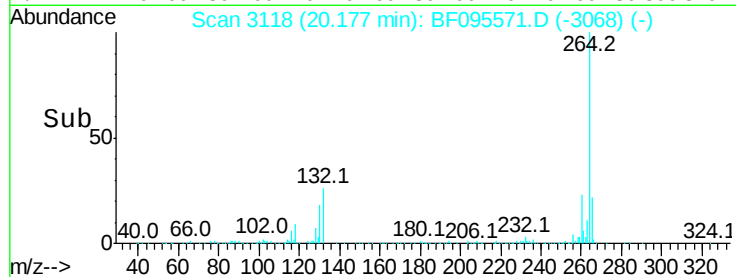
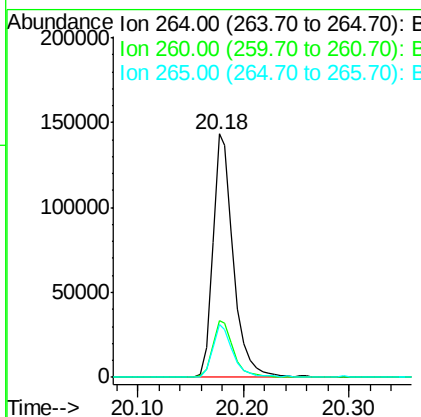
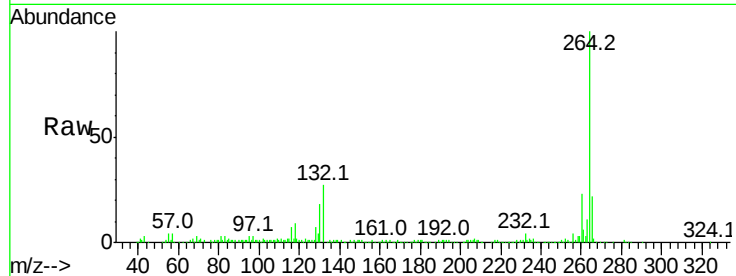
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
264	100	195027		
260	23.1	19.5	29.3	
265	21.5	17.2	25.8	

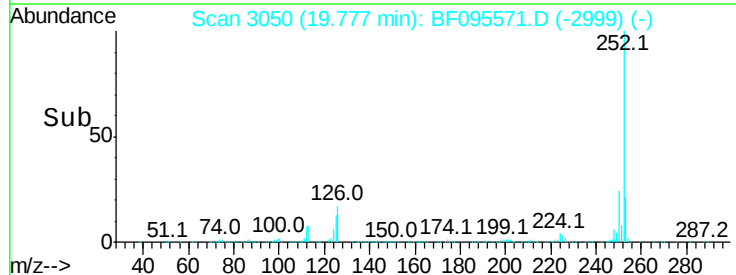
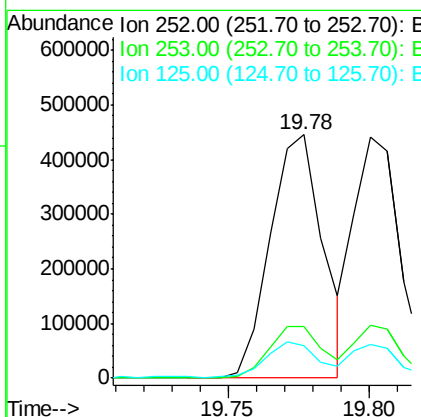
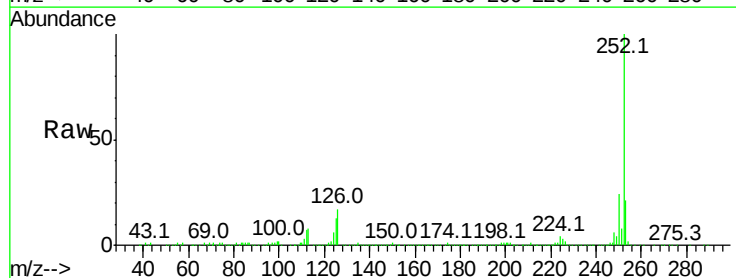
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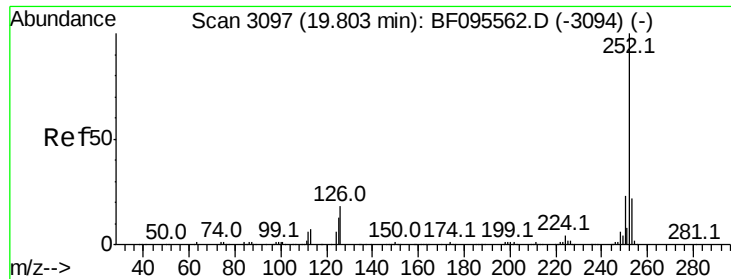
mohammad
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#87
Benzo(b)fluoranthene
Concen: 48.05 ng
RT: 19.78 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	579035		
253	21.4	18.1	27.1	
125	13.4	9.8	14.8	





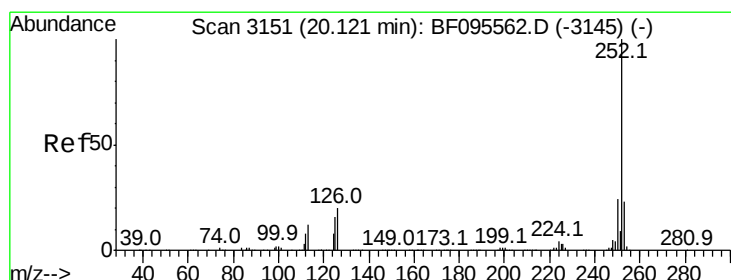
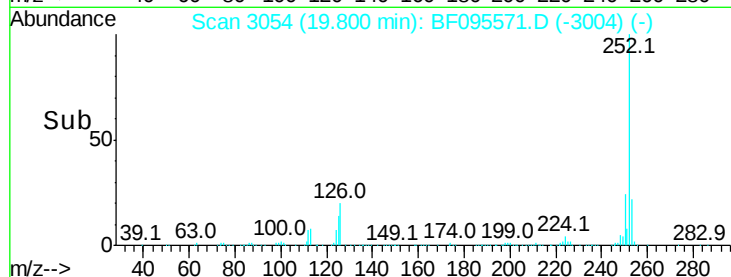
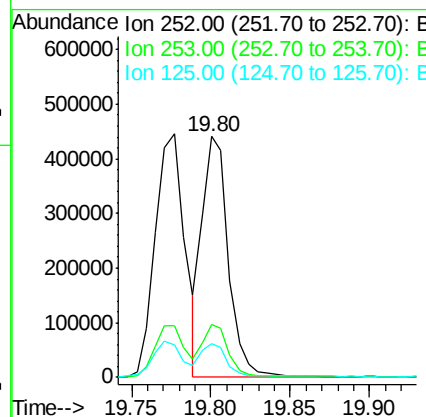
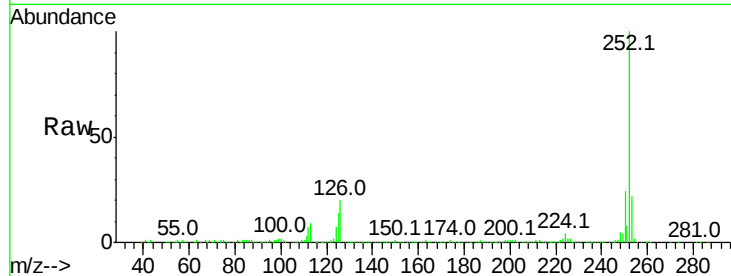
#88
Benzo(k)fluoranthene
Concen: 43.79 ng
RT: 19.80 min Scan# 3054
Delta R.T. -0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	509086		
253	22.2		18.4	27.6
125	14.1		13.1	19.7

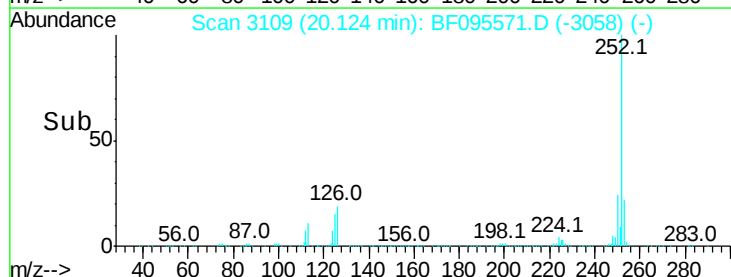
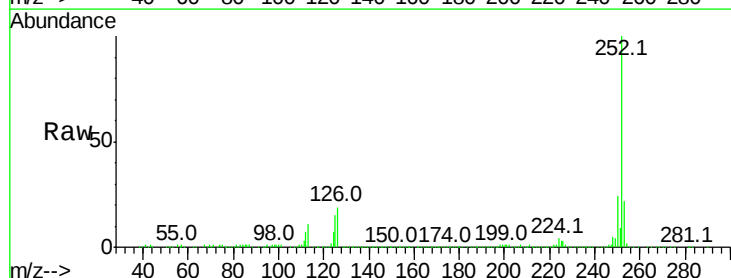
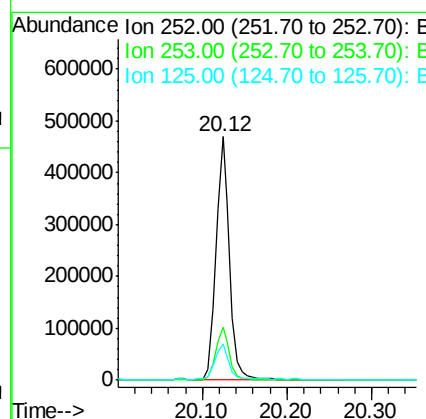
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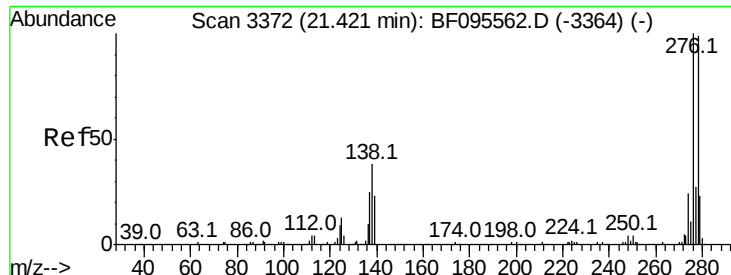
mohammad
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#89
Benzo(a)pyrene
Concen: 47.62 ng
RT: 20.12 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	529565		
253	21.6		17.5	26.3
125	15.0		11.0	16.4





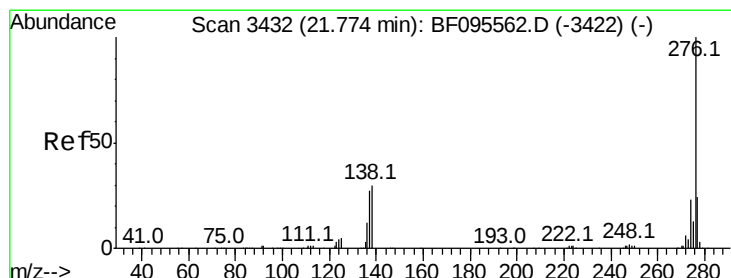
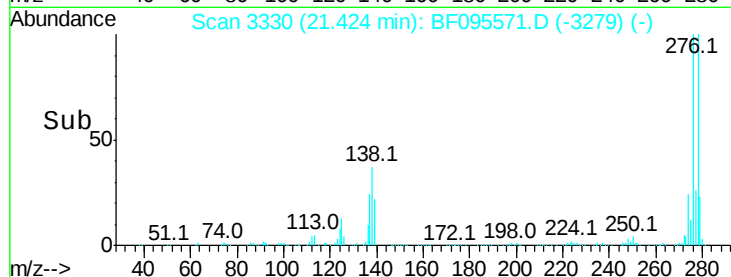
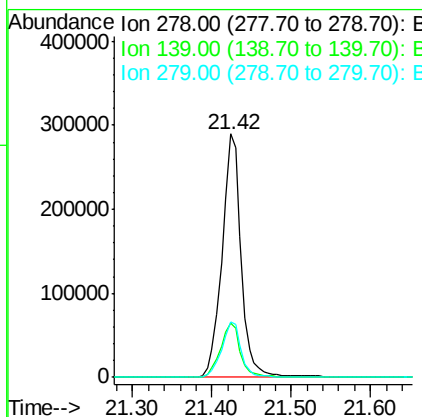
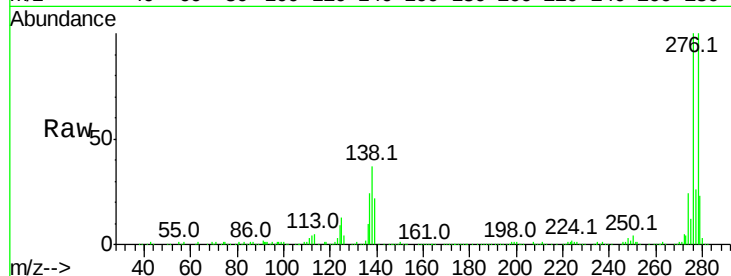
#90
Dibenzo(a,h)anthracene
Concen: 52.74 ng
RT: 21.42 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Instrument :
BNA_F
ClientSampleId :
B-7(3-7)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.6	24.8
279	22.7	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 57.51 ng
RT: 21.78 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BF095571.D
Acq: 31 May 2017 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	31.1	25.4	38.0

