

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095792.D
 Acq On : 8 Jun 2017 19:58
 Operator : SJ/MA
 Sample : I3541-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MSD

Manual Integrations
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 6/9/2017 12:08:55 PM

Quant Time: Jun 09 11:43:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	64382	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	269754	20.00	ng	-0.04
38) Acenaphthene-d10	12.23	164	125514	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	221573	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	167894	20.00	ng	-0.02
86) Perylene-d12	20.00	264	128795	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	598420	148.11	ng	-0.01
7) Phenol-d6	6.94	99	724457	149.77	ng	-0.02
23) Nitrobenzene-d5	8.29	82	426037	98.09	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	148037	133.31	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	821074	91.03	ng	-0.03
78) Terphenyl-d14	16.99	244	663511	98.08	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.76	88	75861	39.47	ng	96
3) Pyridine	2.30	79	203451	45.04	ng	98
4) n-Nitrosodimethylamine	2.28	42	82356	47.95	ng	80
6) Aniline	6.87	93	179114	28.30	ng	95
8) 2-Chlorophenol	7.05	128	219286	51.04	ng	96
9) Benzaldehyde	6.67	77	86663	26.56	ng	99
10) Phenol	6.96	94	278137	55.43	ng	85
11) bis(2-Chloroethyl)ether	7.02	93	193910	48.78	ng	97
12) 1,3-Dichlorobenzene	7.27	146	229045	47.10	ng	96
13) 1,4-Dichlorobenzene	7.39	146	232687	47.19	ng	97
14) 1,2-Dichlorobenzene	7.63	146	220502	48.51	ng	97
15) Benzyl Alcohol	7.67	79	175501	52.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	272563	48.81	ng	96
17) 2-Methylphenol	7.90	107	181164	50.25	ng	95
18) Hexachloroethane	8.15	117	77867	47.81	ng	# 86
19) n-Nitroso-di-n-propylamine	8.10	70	152200	49.65	ng	94
20) 3+4-Methylphenols	8.16	107	239256	52.28	ng	# 60
22) Acetophenone	8.06	105	305750	48.43	ng	# 85
24) Nitrobenzene	8.32	77	215363	46.42	ng	95
25) Isophorone	8.72	82	384246	47.38	ng	95
26) 2-Nitrophenol	8.83	139	119255	49.08	ng	98
27) 2,4-Dimethylphenol	8.98	122	189699	50.31	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	254409	47.59	ng	98
29) 2,4-Dichlorophenol	9.25	162	184337	50.76	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	181733	48.10	ng	98
31) Naphthalene	9.43	128	631616	46.65	ng	99
33) 4-Chloroaniline	9.59	127	111559	21.08	ng	# 91
34) Hexachlorobutadiene	9.66	225	88980	45.57	ng	97
35) Caprolactam	10.21	113	58540m	54.18	ng	
36) 4-Chloro-3-methylphenol	10.46	107	194072	51.05	ng	90
37) 2-Methylnaphthalene	10.56	142	434549	47.51	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	169991	45.25	ng	99
40) Hexachlorocyclopentadiene	10.82	237	85813	73.88	ng	99
42) 2,4,6-Trichlorophenol	11.07	196	109679	45.41	ng	99

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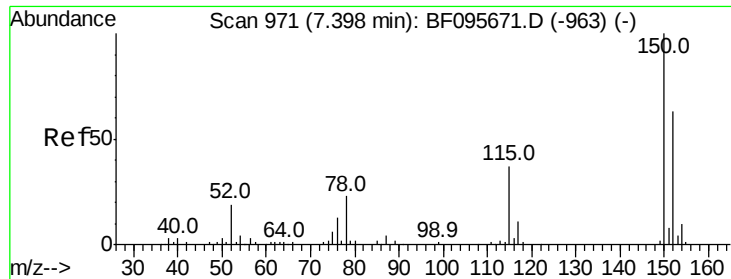
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	118058	45.96	nq	# 92
45) 1,1'-Biphenyl	11.33	154	483225	46.71	nq	97
46) 2-Chloronaphthalene	11.35	162	372757	46.12	nq	96
47) 2-Nitroaniline	11.56	65	111094	46.97	nq	# 85
48) Acenaphthylene	12.00	152	591268	42.78	nq	98
49) Dimethylphthalate	11.89	163	614505	64.48	nq	99
50) 2,6-Dinitrotoluene	11.99	165	98477	47.38	nq	# 84
51) Acenaphthene	12.28	154	351639	44.05	nq	99
52) 3-Nitroaniline	12.24	138	78849	32.56	nq	89
53) 2,4-Dinitrophenol	12.49	184	10038	14.31	nq	# 78
54) Dibenzofuran	12.57	168	546488	48.64	nq	96
55) 4-Nitrophenol	12.64	139	104297	74.12	nq	# 66
56) 2,4-Dinitrotoluene	12.65	165	136228	48.52	nq	# 91
57) Fluorene	13.12	166	430643	44.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	83235	47.35	nq	# 94
59) Diethylphthalate	13.04	149	426555	46.51	nq	99
60) 4-Chlorophenyl-phenylether	13.15	204	189811	44.64	nq	87
61) 4-Nitroaniline	13.24	138	106919	47.28	nq	94
62) Azobenzene	13.40	77	395761	47.61	nq	95
64) 4,6-Dinitro-2-methylphenol	13.32	198	37096	25.47	nq	# 73
65) n-Nitrosodiphenylamine	13.36	169	376207	47.25	nq	98
66) 4-Bromophenyl-phenylether	13.93	248	108144	46.96	nq	99
67) Hexachlorobenzene	14.02	284	105911	46.67	nq	# 92
68) Atrazine	14.29	200	109652	49.49	nq	97
69) Pentachlorophenol	14.37	266	59919	70.50	nq	93
70) Phenanthrene	14.66	178	608014	47.56	nq	98
71) Anthracene	14.74	178	616534	46.19	nq	98
72) Carbazole	15.04	167	584086	44.91	nq	98
73) Di-n-butylphthalate	15.63	149	666720	48.18	nq	# 98
74) Fluoranthene	16.43	202	609667	48.18	nq	98
76) Benzidine	16.66	184	228710	35.47	nq	# 92
77) Pyrene	16.74	202	620920	49.56	nq	99
79) Butylbenzylphthalate	17.66	149	276955	50.62	nq	88
80) Benzo(a)anthracene	18.33	228	464092	47.54	nq	99
81) 3,3'-Dichlorobenzidine	18.31	252	111042	32.00	nq	# 97
82) Chrysene	18.37	228	448193	45.94	nq	99
83) Bis(2-ethylhexyl)phthalate	18.42	149	385568	49.96	nq	# 99
84) Di-n-octyl phthalate	19.18	149	600278	47.20	nq	96
85) Indeno(1,2,3-cd)pyrene	21.17	276	355110	42.55	nq	100
87) Benzo(b)fluoranthene	19.60	252	377502	46.81	nq	98
88) Benzo(k)fluoranthene	19.63	252	365179	47.37	nq	# 95
89) Benzo(a)pyrene	19.94	252	347019	46.82	nq	99
90) Dibenzo(a,h)anthracene	21.17	278	291962	46.43	nq	99
91) Benzo(g,h,i)perylene	21.50	276	305657	47.68	nq	98

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



#1

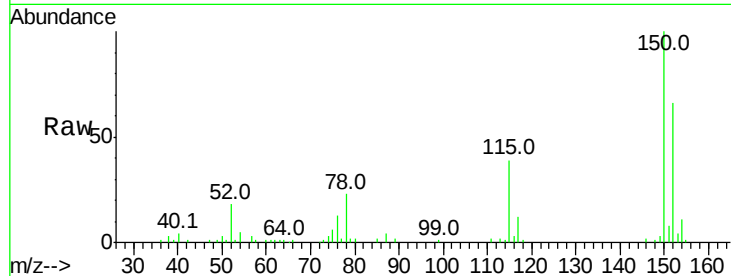
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

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BNA_F
ClientSampleId :
RT-3460MSD

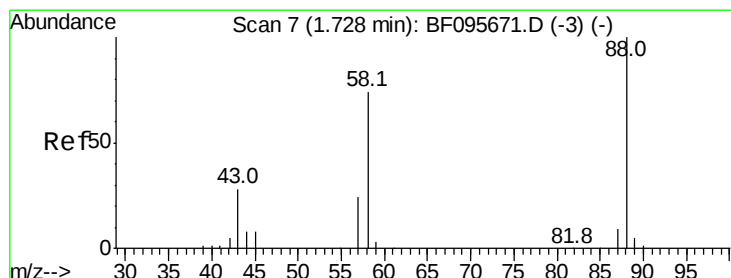
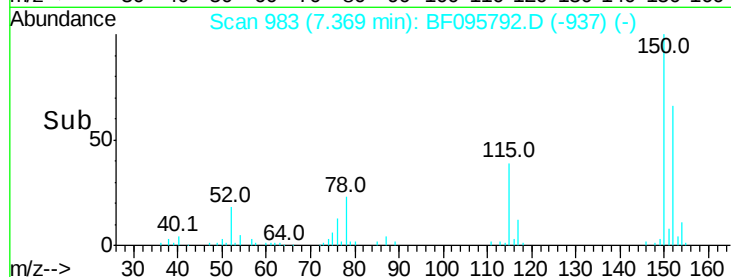
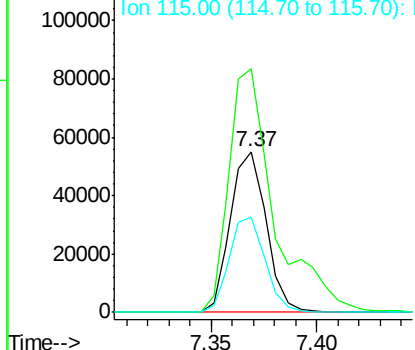
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.2
115	59.6	52.2	78.2

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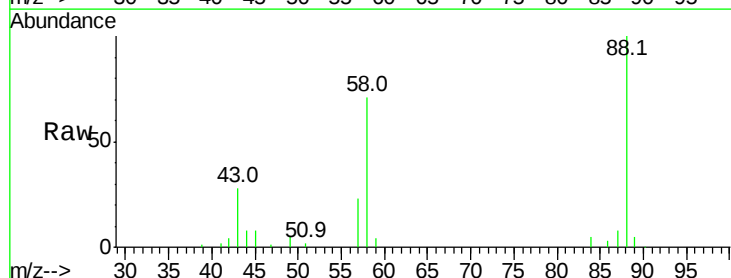
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



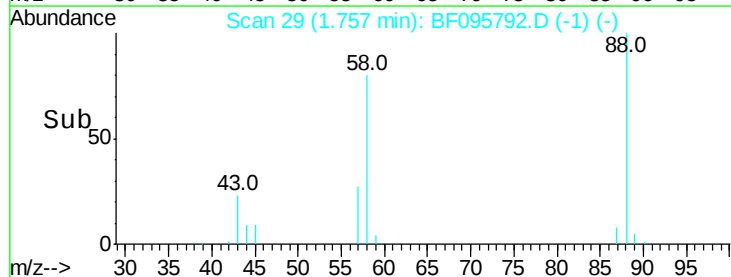
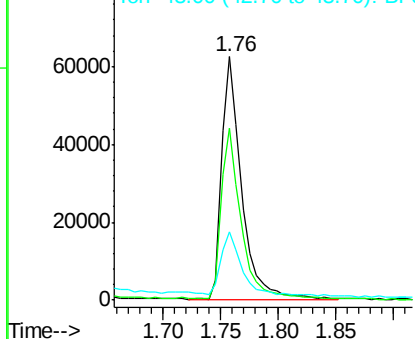
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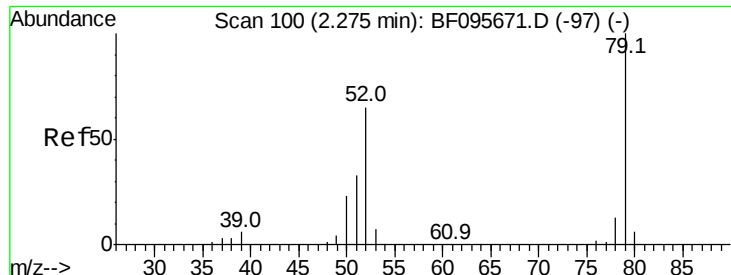
1,4-Dioxane
Concen: 39.47 ng
RT: 1.76 min Scan# 29
Delta R.T. 0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	61.4	92.0
43	29.6	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





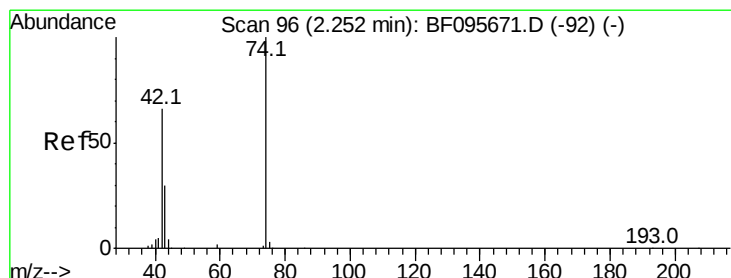
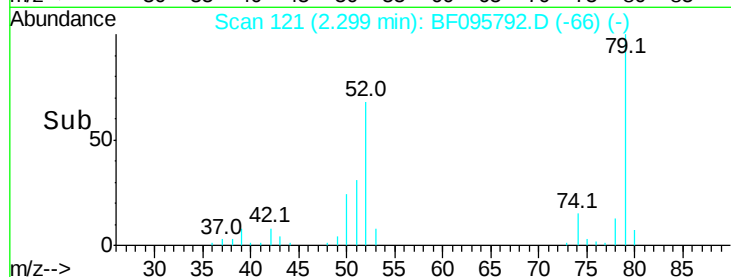
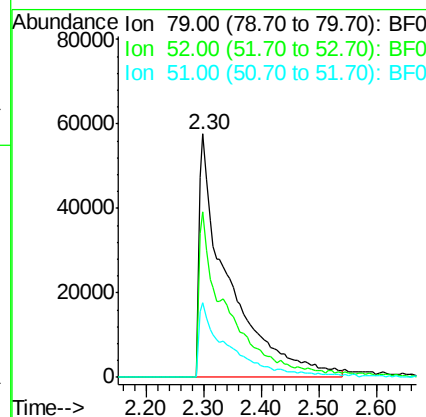
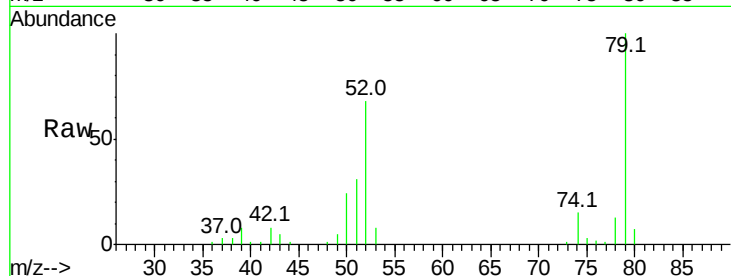
#3
 Pvridine
 Concen: 45.04 ng
 RT: 2.30 min Scan# 121
 Delta R.T. 0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
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 ClientSampleId :
 RT-3460MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.0	54.8	82.2
51	30.8	27.0	40.4

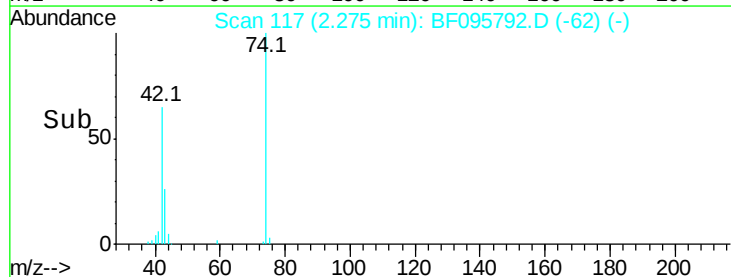
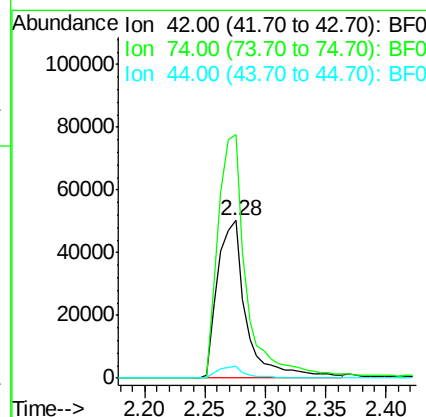
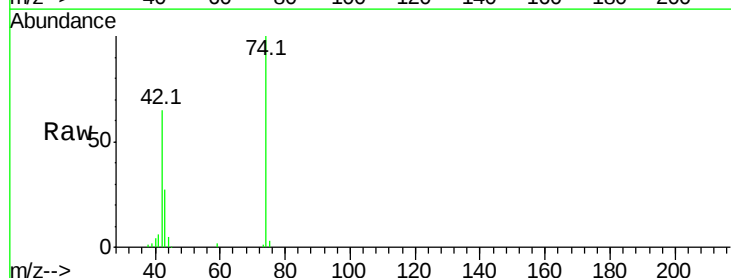
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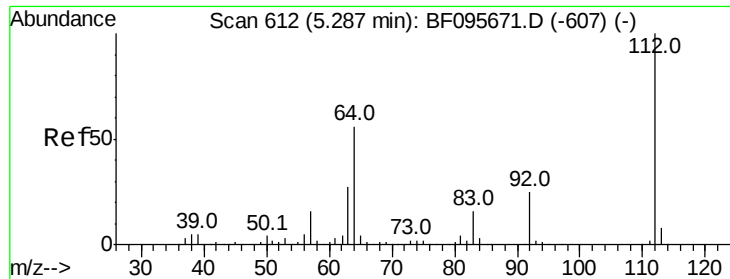
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#4
 n-Nitrosodimethylamine
 Concen: 47.95 ng
 RT: 2.28 min Scan# 117
 Delta R.T. 0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.6	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 148.11 ng

RT: 5.27 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

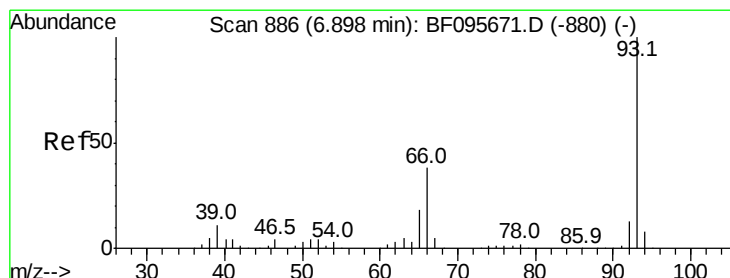
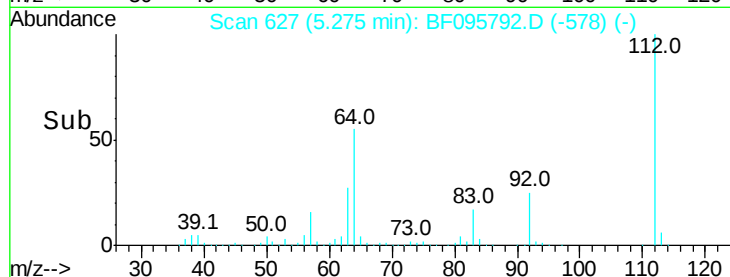
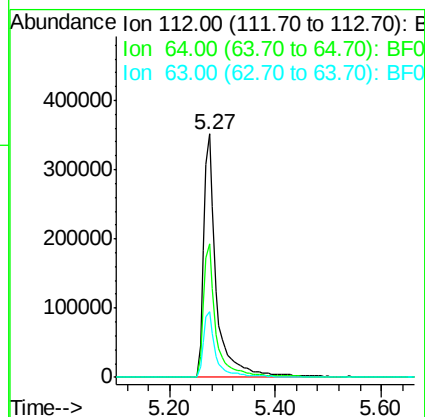
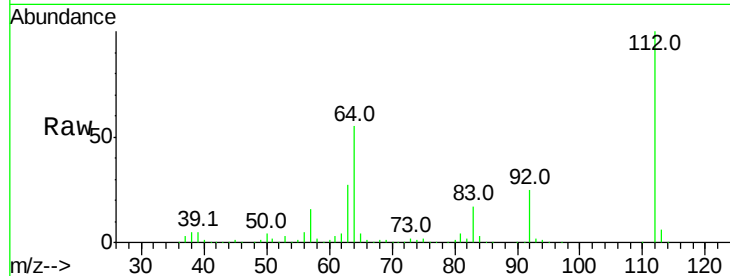
ClientSampleId :

RT-3460MSD

Tot Ion:	112	Resp:	598420
Ion Ratio	Lower	Upper	
112	100		
64	54.7	46.0	69.0
63	26.9	23.4	35.0

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#6

Aniline

Concen: 28.30 ng

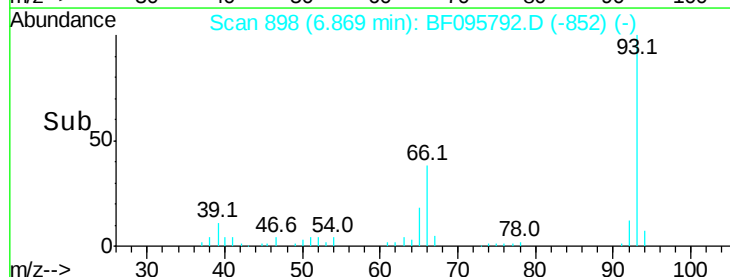
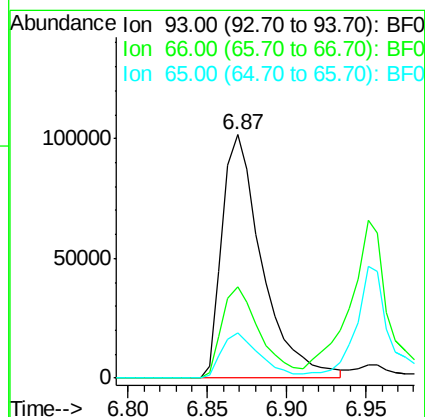
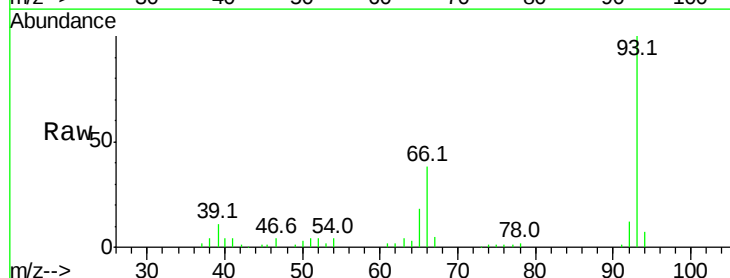
RT: 6.87 min Scan# 898

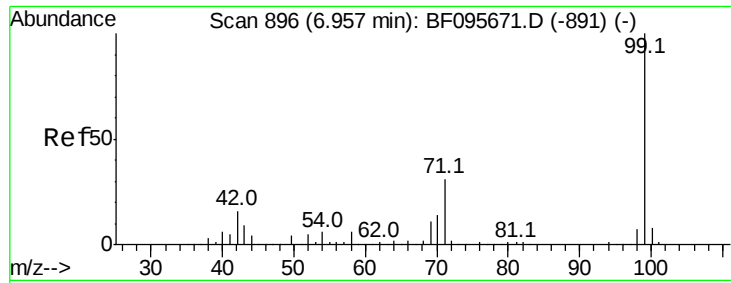
Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:	93	Resp:	179114
Ion Ratio	Lower	Upper	
93	100		
66	37.7	32.9	49.3
65	18.3	16.0	24.0





#7

Phenol-d6

Concen: 149.77 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

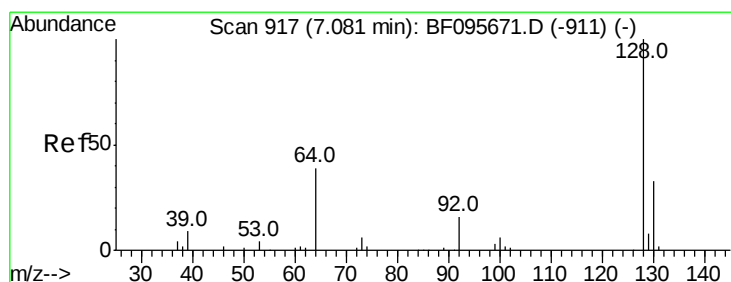
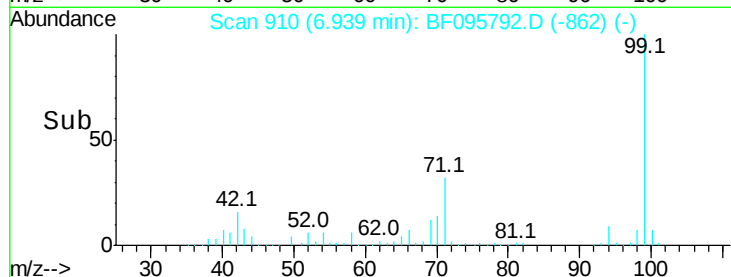
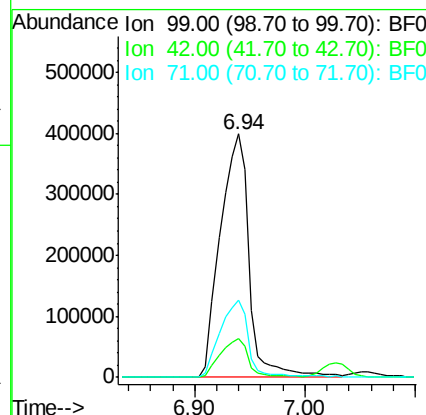
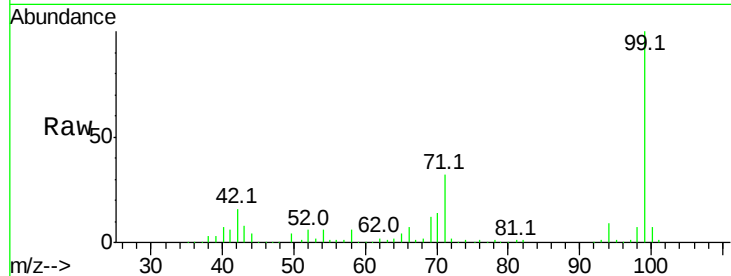
ClientSampled :

RT-3460MSD

Tot Ion:	99	Resp:	724457
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	31.8	24.5	36.7

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#8

2-Chlorophenol

Concen: 51.04 ng

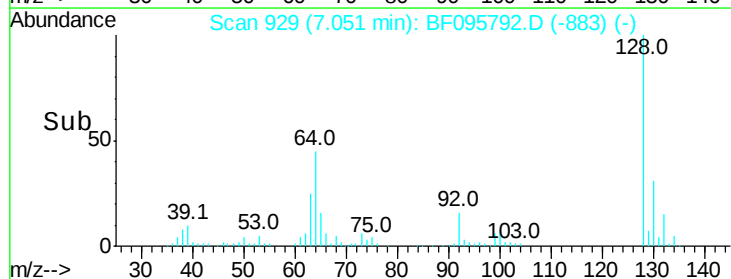
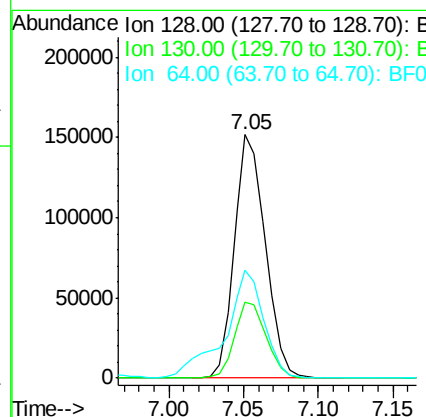
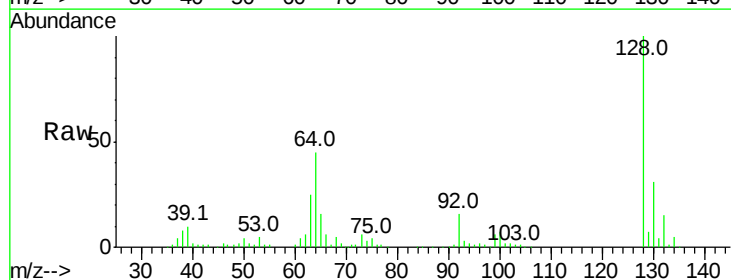
RT: 7.05 min Scan# 929

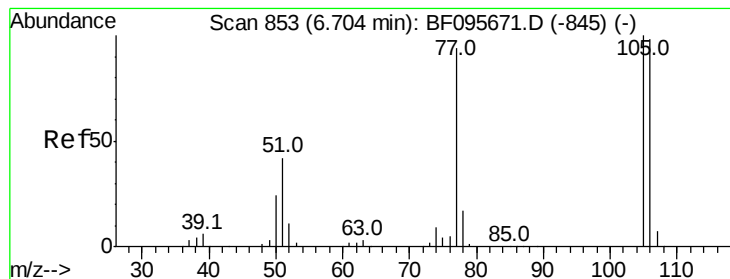
Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:	128	Resp:	219286
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.9	52.9
64	44.5	28.4	68.4





#9

Benzaldehyde

Concen: 26.56 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

RT-3460MSD

Tot Ion: 77 Resp: 86663

Ion Ratio Lower Upper

77 100

105 102.2 83.8 123.8

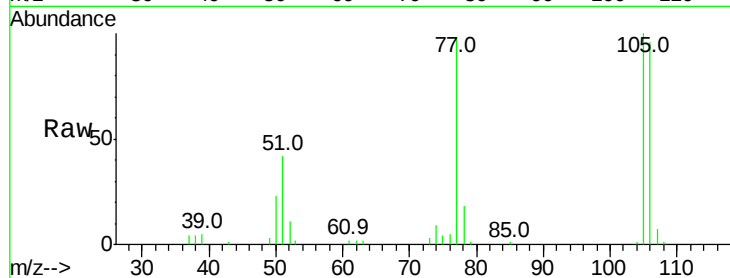
106 97.9 79.1 119.1

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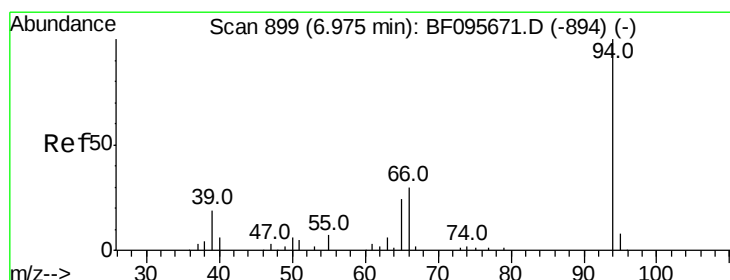
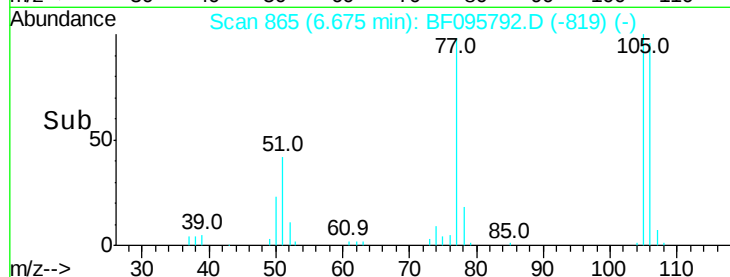
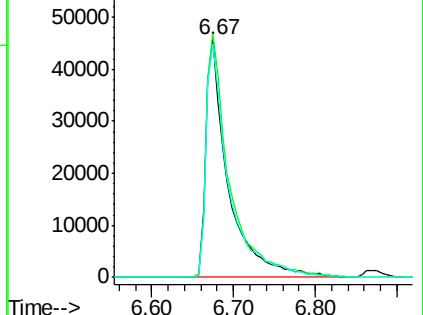
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 55.43 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

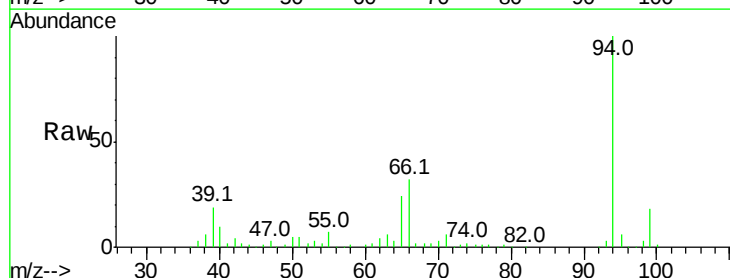
Tgt Ion: 94 Resp: 278137

Ion Ratio Lower Upper

94 100

65 23.8 9.9 49.9

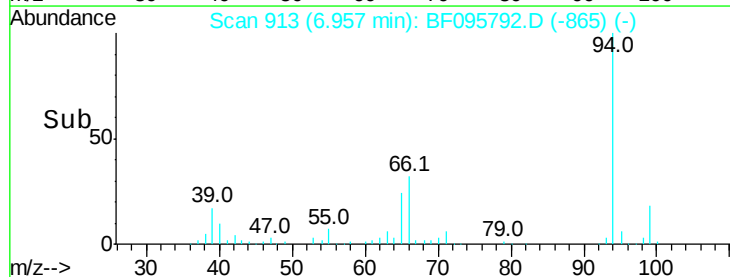
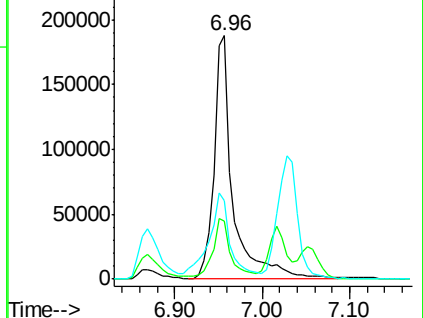
66 32.4 23.1 63.1

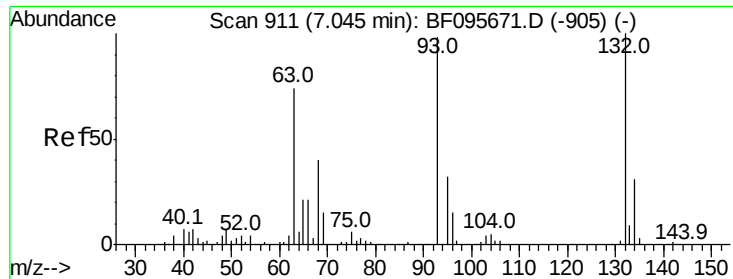


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





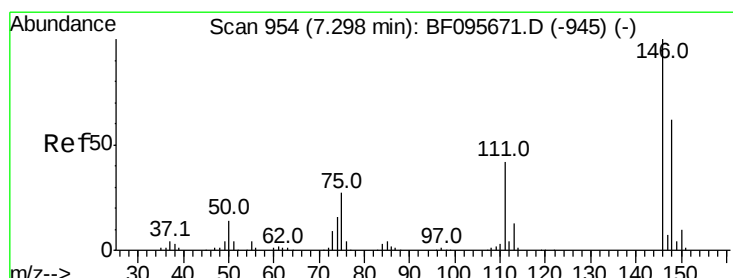
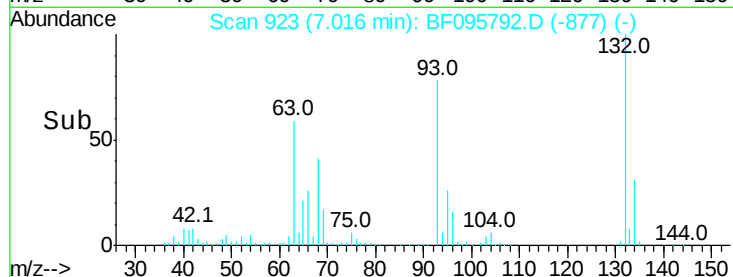
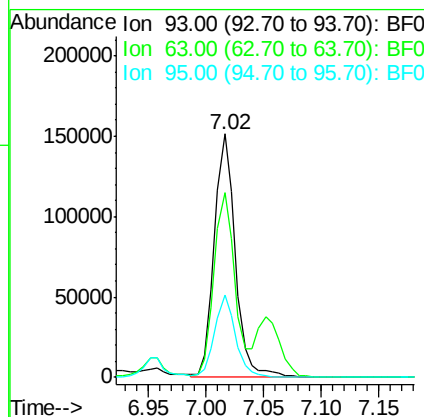
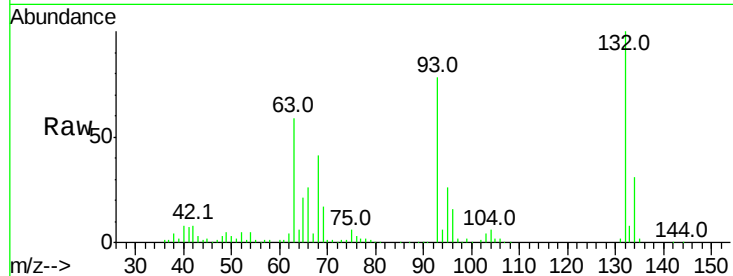
#11
bis(2-Chloroethyl)ether
Concen: 48.78 ng
RT: 7.02 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	193910		
63	75.9	59.2	99.2	
95	33.6	12.8	52.8	

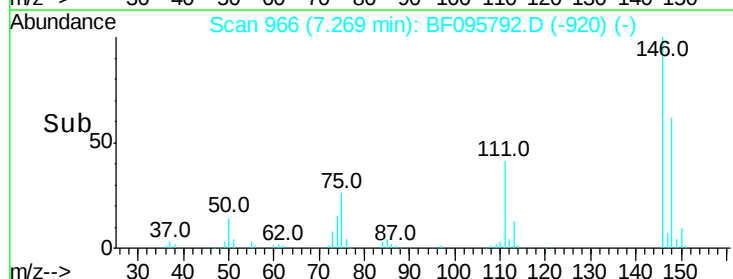
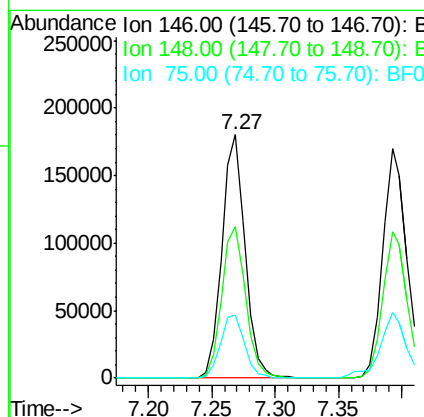
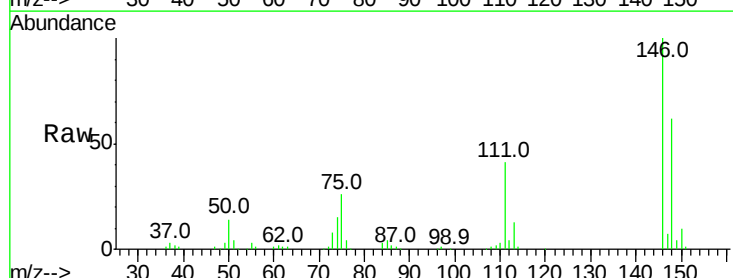
Manual Integrations
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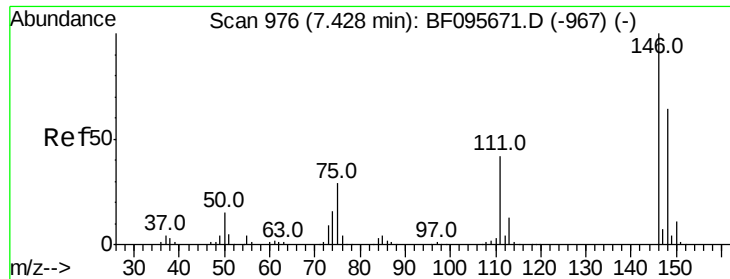
mohammad
6/9/2017 12:08:55 PM



#12
1,3-Dichlorobenzene
Concen: 47.10 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	229045		
148	62.2	51.8	77.6	
75	26.1	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 47.19 ng

RT: 7.39 min Scan# 987

Delta R.T. -0.04 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

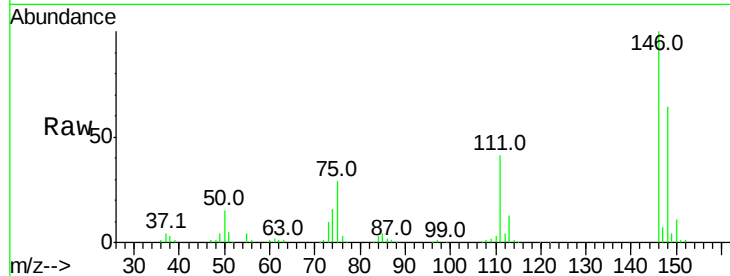
ClientSampleId :

RT-3460MSD

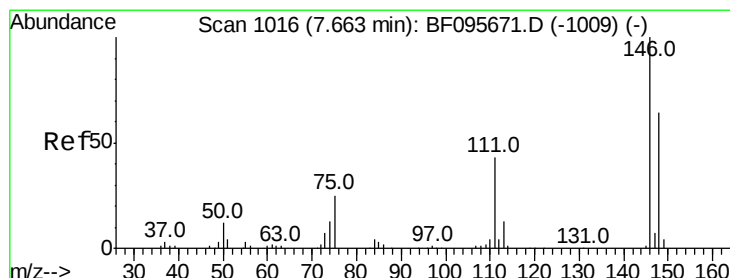
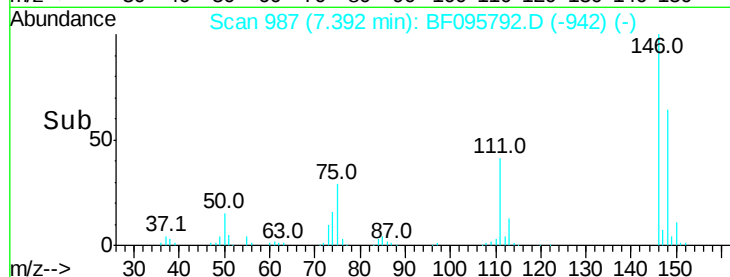
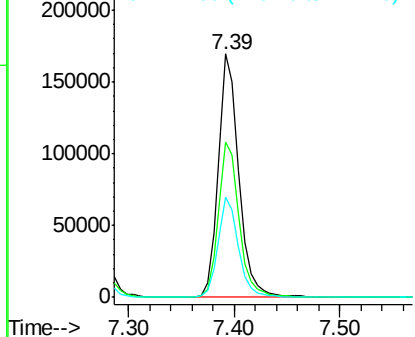
Tot Ion:	146	Resp:	232687
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	41.3	30.3	45.5

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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: 48.51 ng

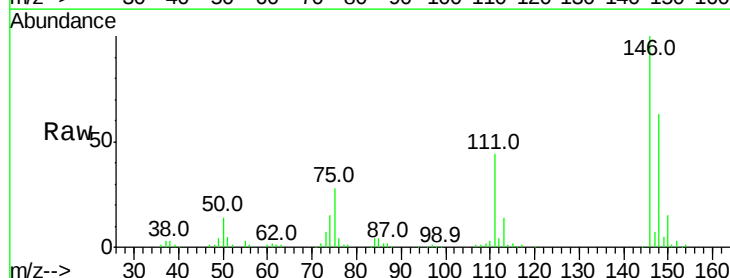
RT: 7.63 min Scan# 1027

Delta R.T. -0.04 min

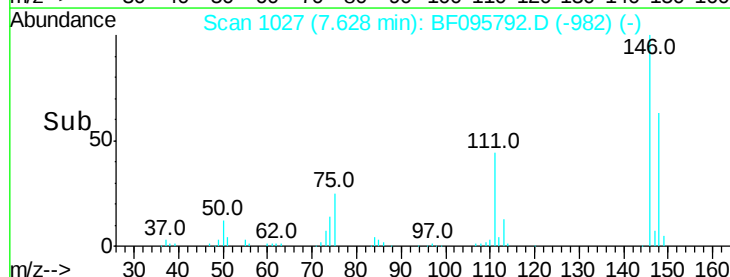
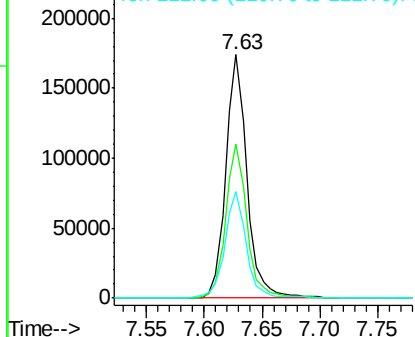
Lab File: BF095792.D

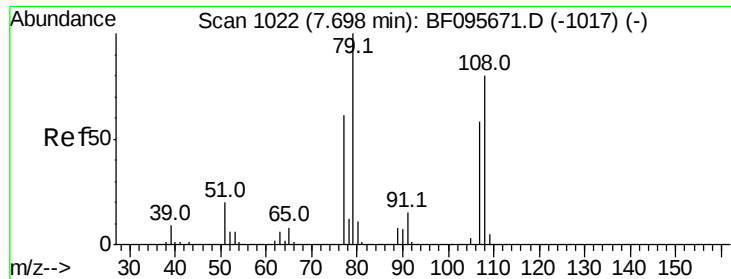
Acq: 8 Jun 2017 19:58

Tgt Ion:	146	Resp:	220502
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.4	75.6
111	43.9	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





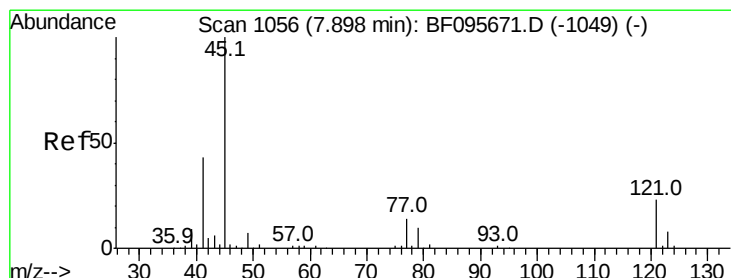
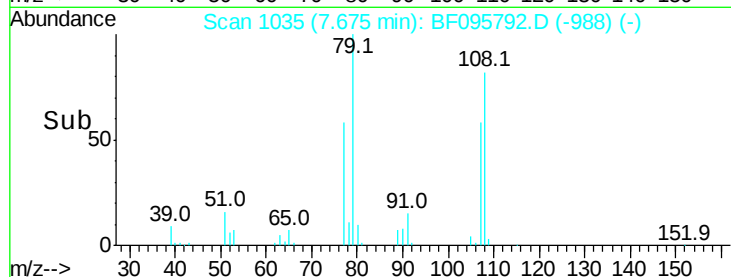
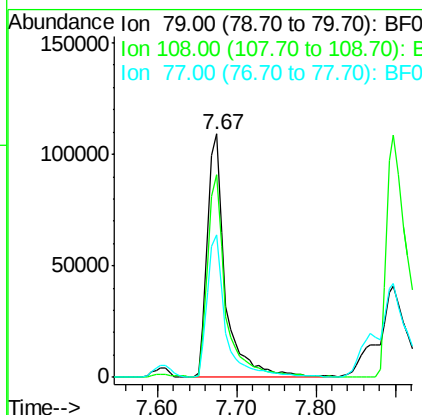
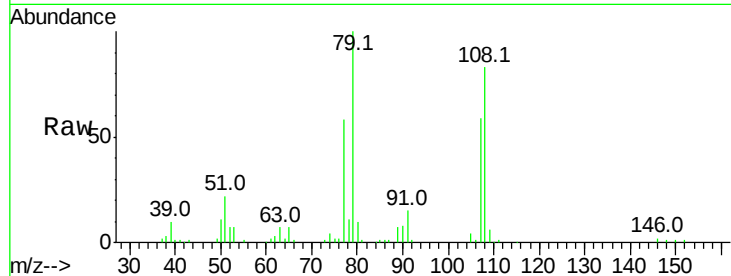
#15
Benzyl Alcohol
Concen: 52.86 ng
RT: 7.67 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	63.4	95.0
77	58.5	49.2	73.8

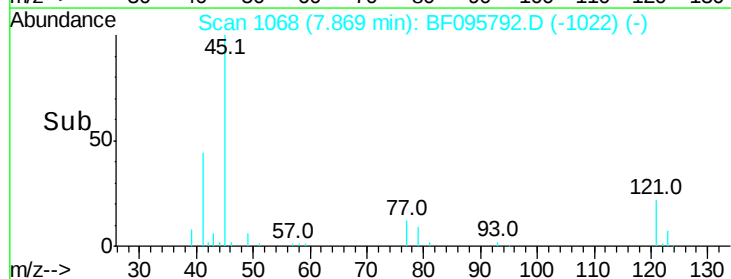
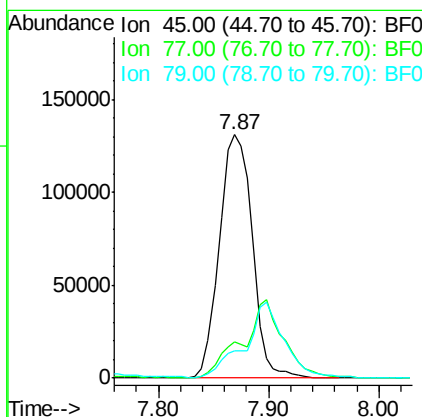
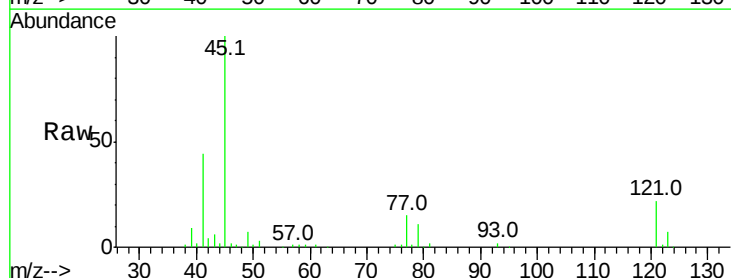
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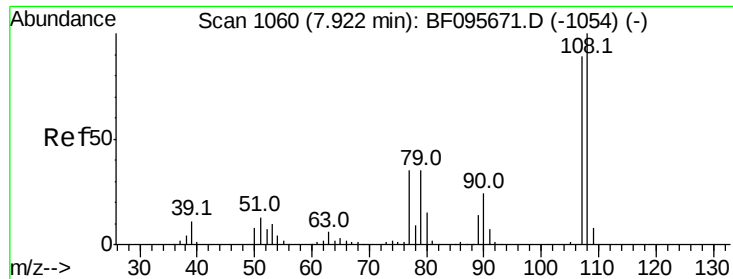
mohammad
6/9/2017 12:08:55 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.81 ng
RT: 7.87 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.2
79	11.1	0.0	30.0





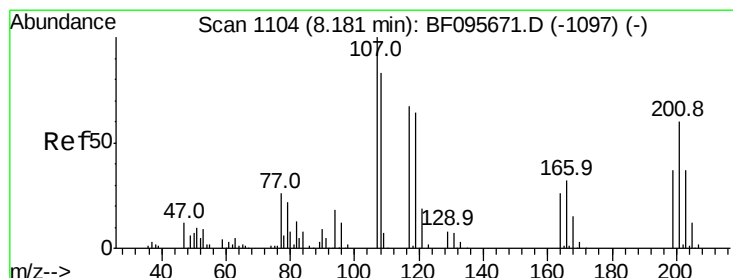
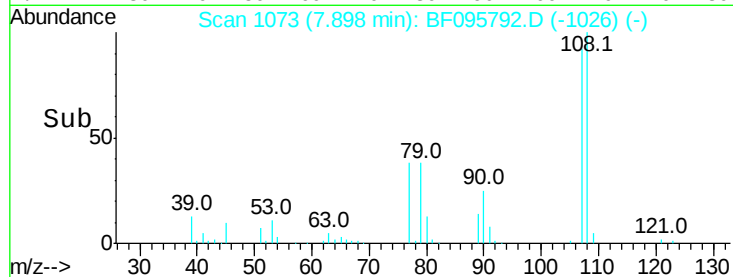
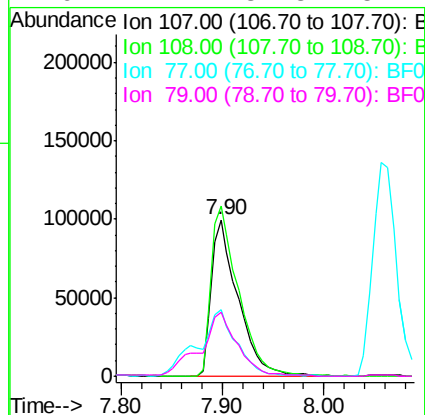
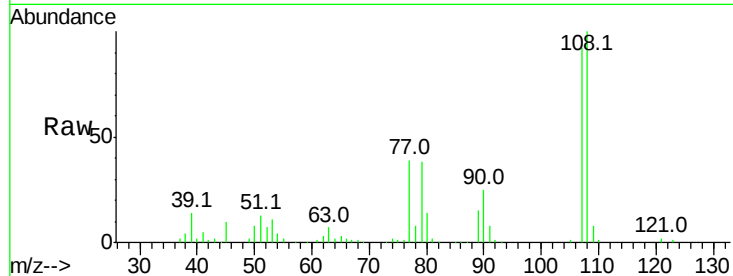
#17
2-Methylphenol
Concen: 50.25 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	181164		
108	108.9	93.4	140.0	
77	42.5	35.8	53.6	
79	41.4	34.8	52.2	

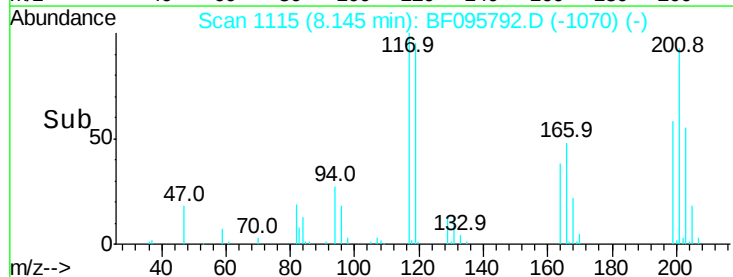
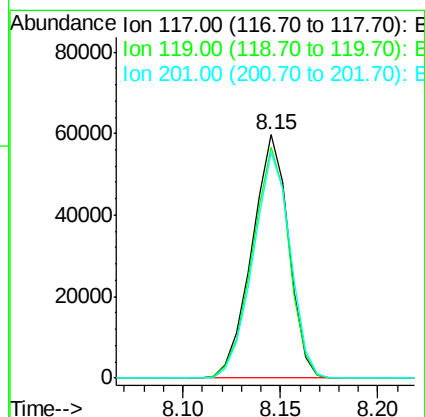
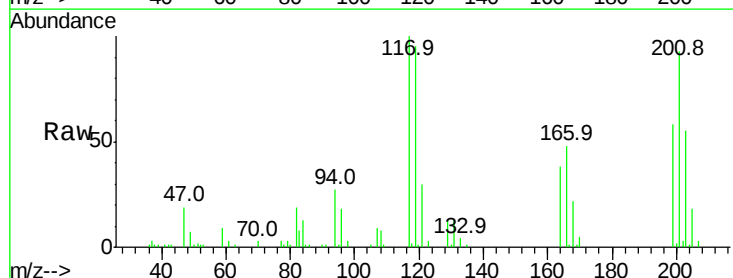
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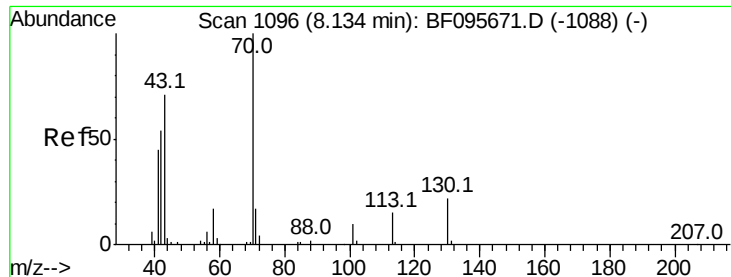
mohammad
6/9/2017 12:08:55 PM



#18
Hexachloroethane
Concen: 47.81 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77867		
119	94.8	77.4	116.0	
201	92.9	94.6	141.8#	





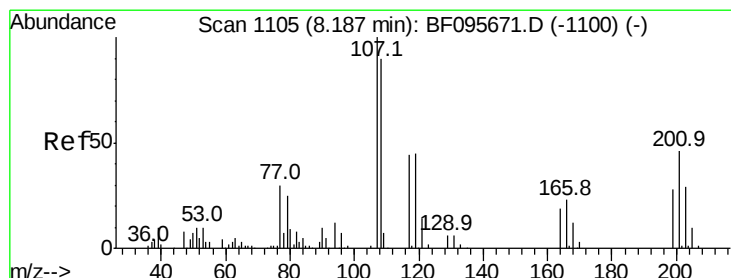
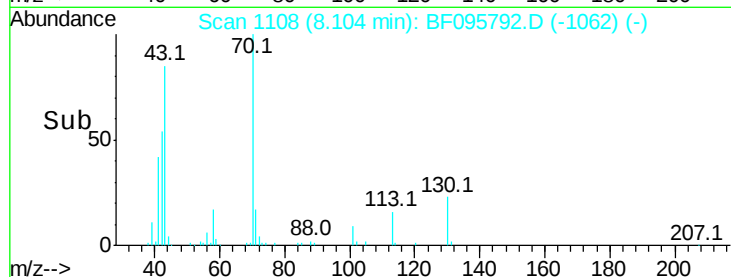
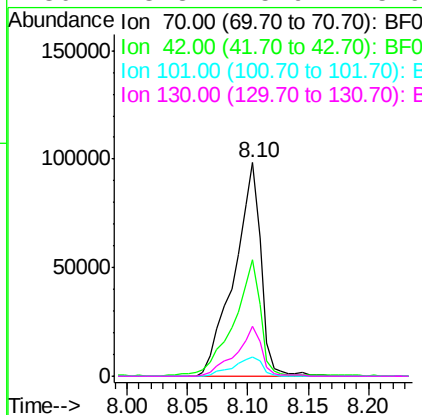
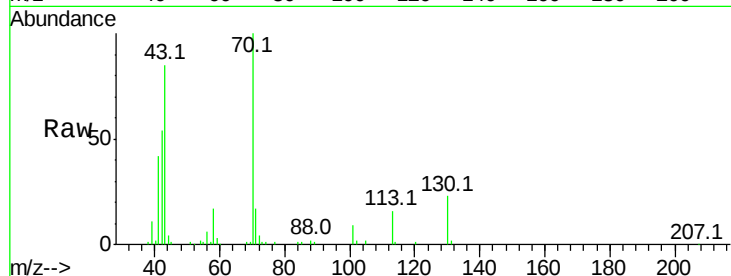
#19
n-Nitroso-di-n-propylamine
Concen: 49.65 ng
RT: 8.10 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	47.2	70.8	
101	9.1	7.2	10.8	
130	23.3	15.9	23.9	

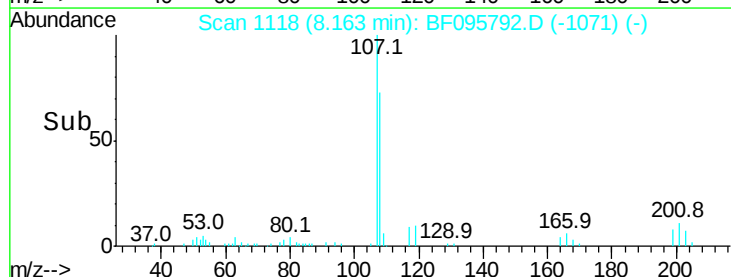
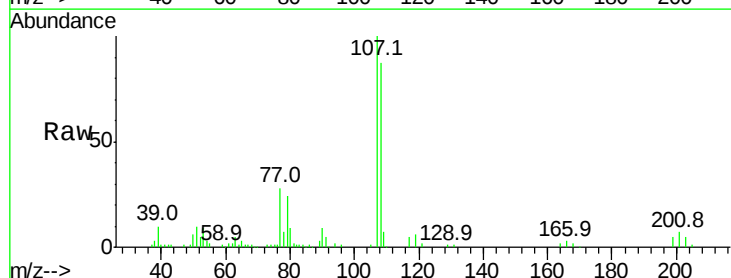
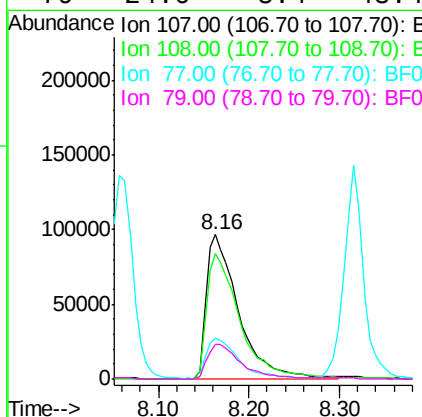
Manual Integrations
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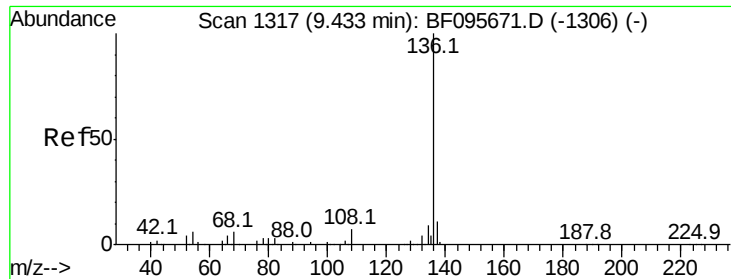
mohammad
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#20
3+4-Methylphenols
Concen: 52.28 ng
RT: 8.16 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	71.0	111.0	
77	28.0	90.5	130.5#	
79	24.0	8.4	48.4	





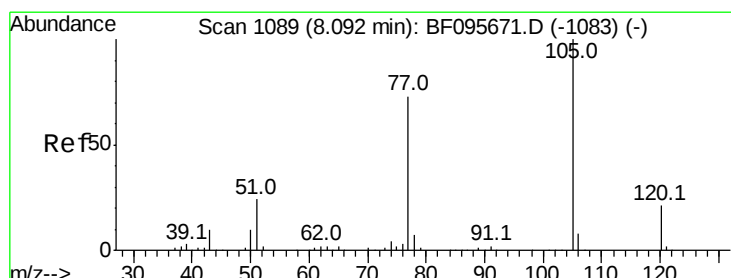
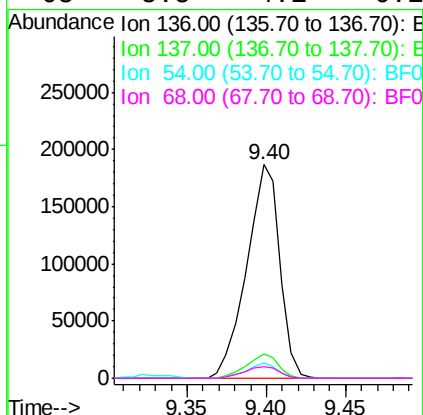
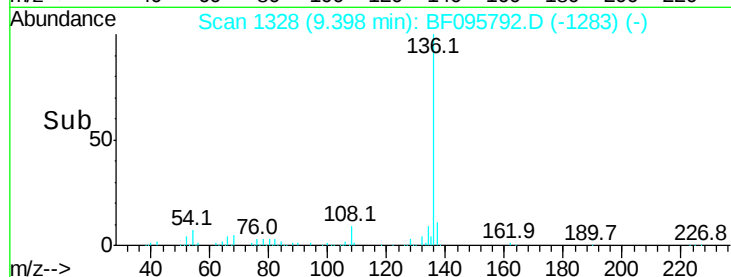
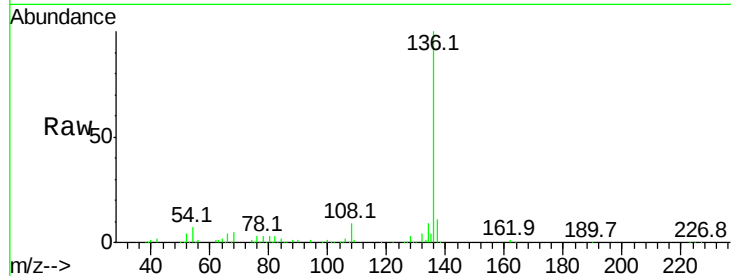
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	269754		
137	11.2	8.5	12.7	
54	7.2	4.9	7.3	
68	5.5	4.1	6.1	

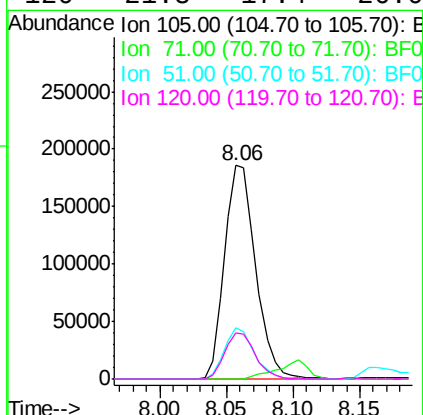
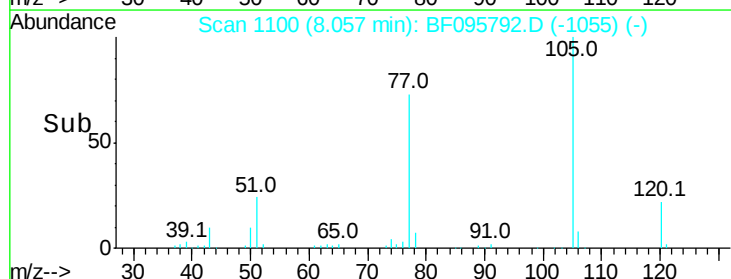
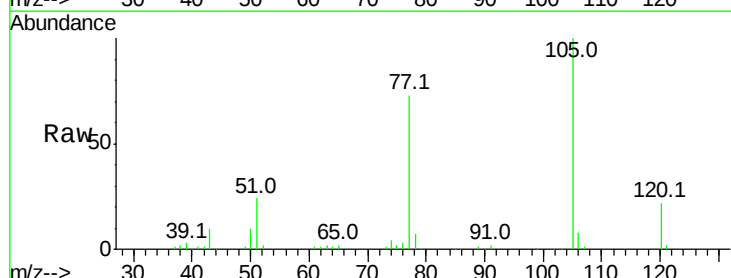
Manual Integrations
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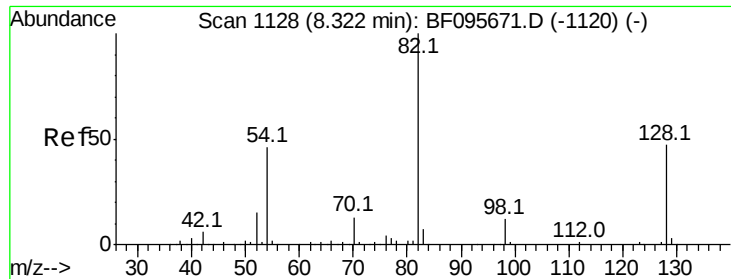
mohammad
6/9/2017 12:08:55 PM



#22
Acetophenone
Concen: 48.43 ng
RT: 8.06 min Scan# 1100
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	305750		
71	0.0	2.8	4.2#	
51	23.8	30.7	46.1#	
120	21.8	17.4	26.0	





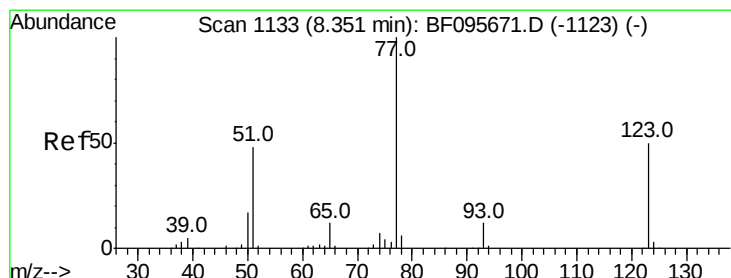
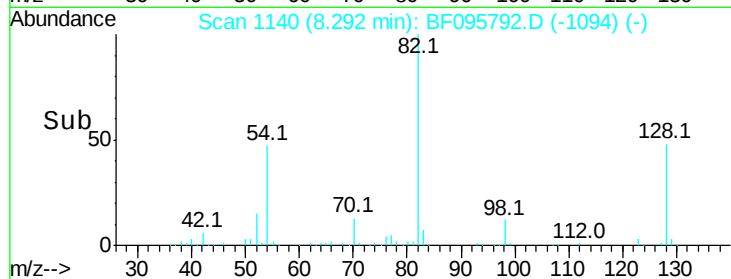
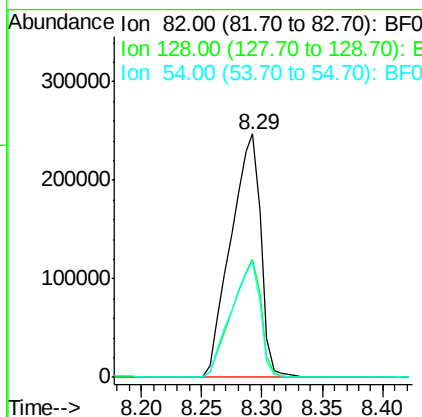
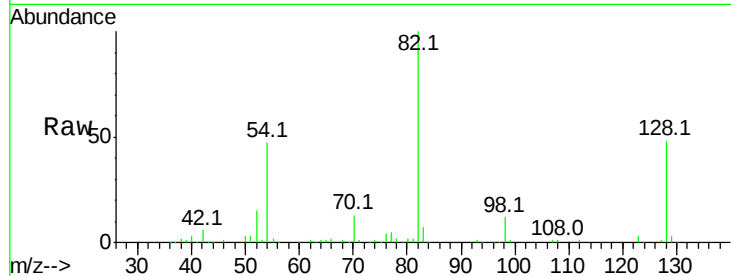
#23
Nitrobenzene-d5
Concen: 98.09 ng
RT: 8.29 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.3	34.0	51.0	
54	47.5	42.2	63.2	

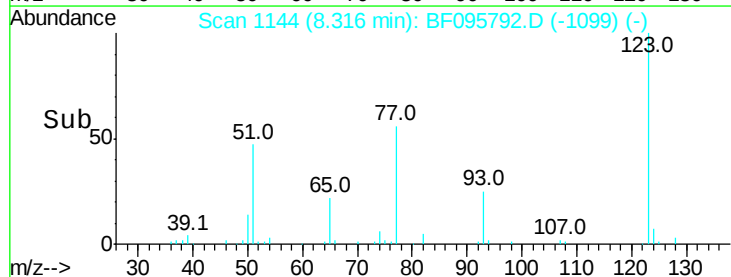
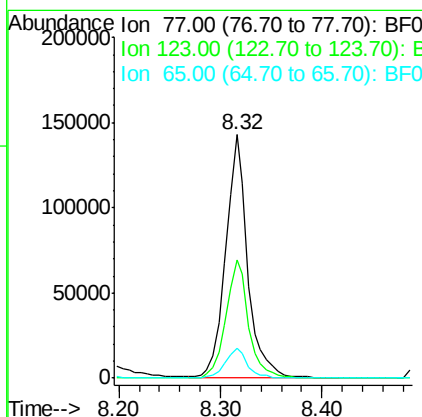
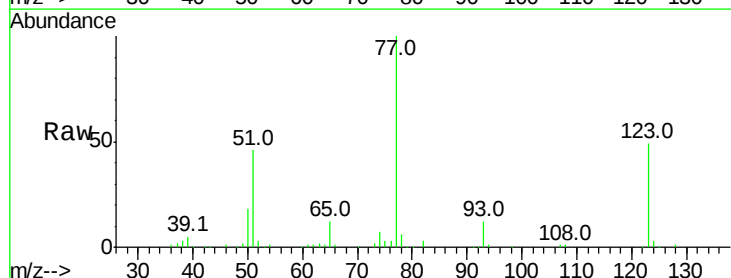
Manual Integrations
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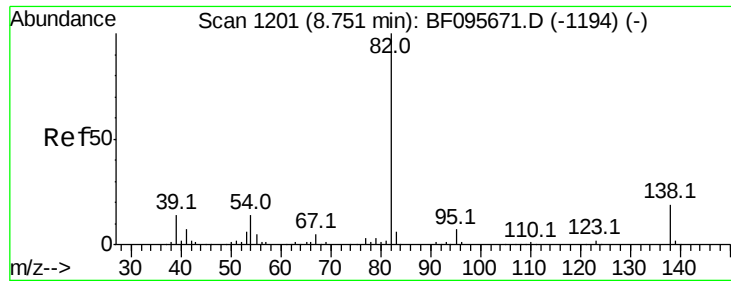
mohammad
6/9/2017 12:08:55 PM



#24
Nitrobenzene
Concen: 46.42 ng
RT: 8.32 min Scan# 1144
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.7	35.8	53.8	
65	12.3	10.6	15.8	





#25

Isophorone

Concen: 47.38 ng

RT: 8.72 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

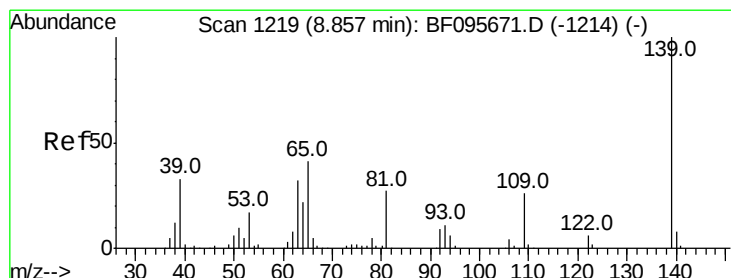
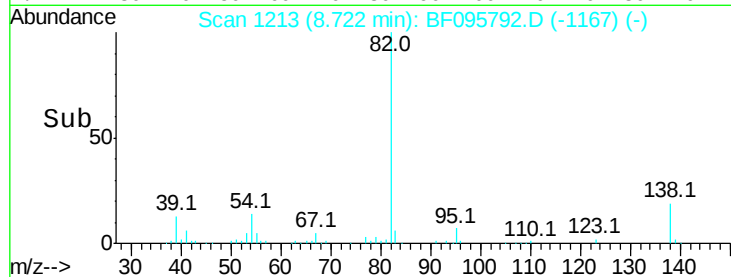
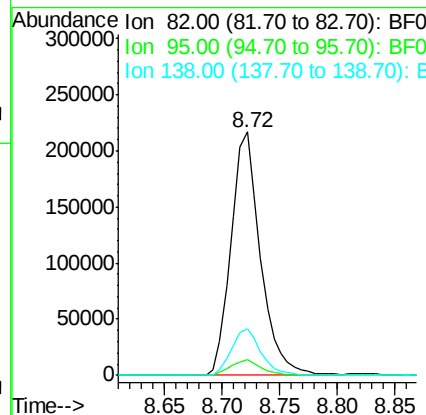
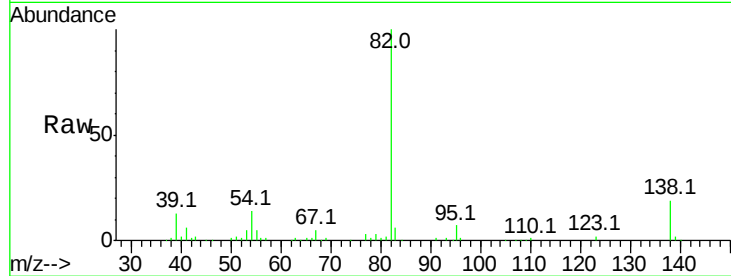
ClientSampleId :

RT-3460MSD

Tot Ion:	82	Resp:	384246
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.3	13.1	19.7

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#26

2-Nitrophenol

Concen: 49.08 ng

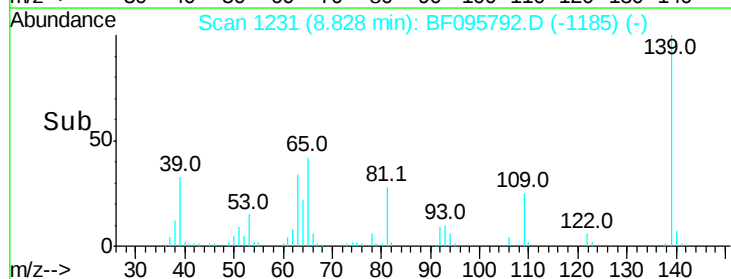
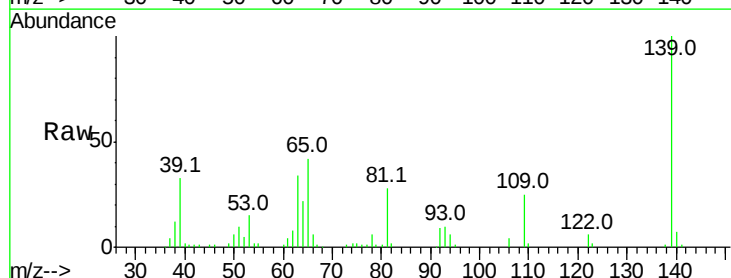
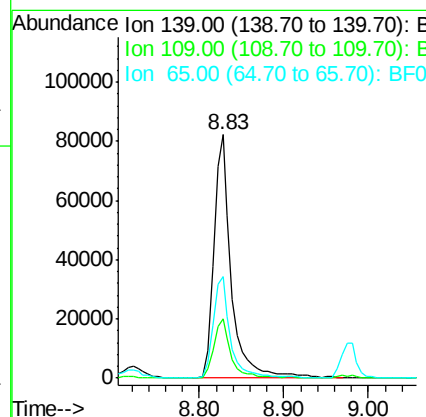
RT: 8.83 min Scan# 1231

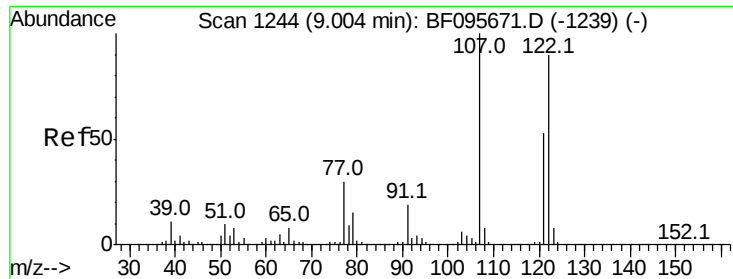
Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:	139	Resp:	119255
Ion Ratio	Lower	Upper	
139	100		
109	24.6	21.0	31.6
65	41.9	33.0	49.6





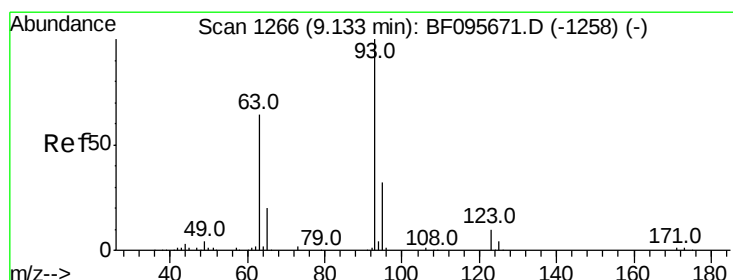
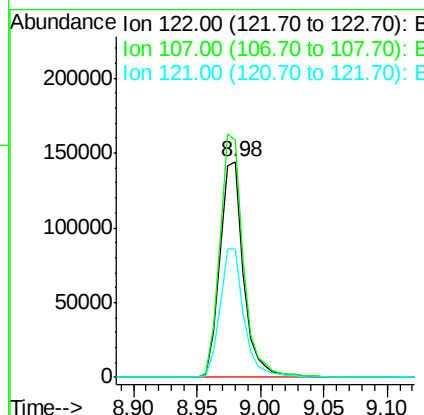
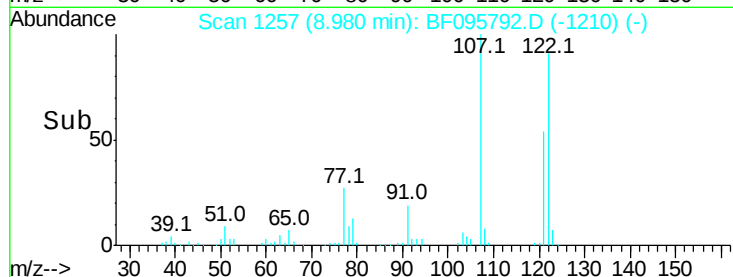
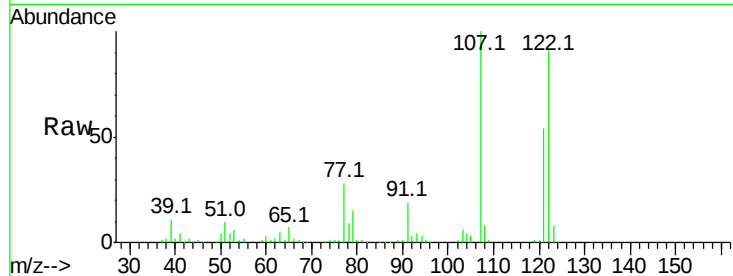
#27
2,4-Dimethylphenol
Concen: 50.31 ng
RT: 8.98 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	189699		
107	109.8	89.2	133.8	
121	59.4	45.2	67.8	

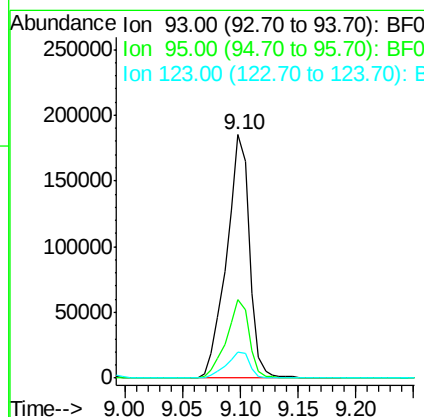
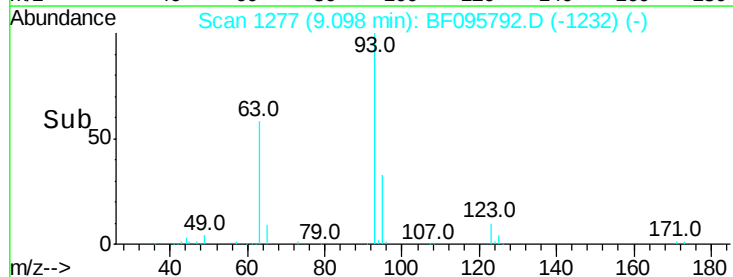
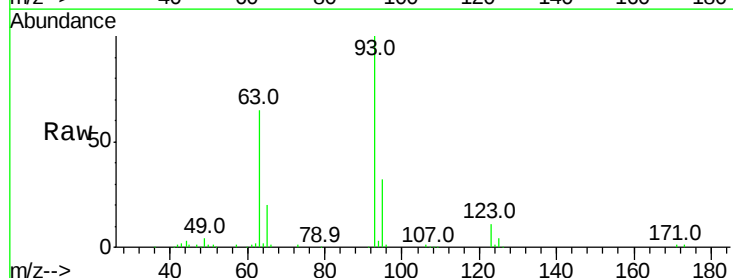
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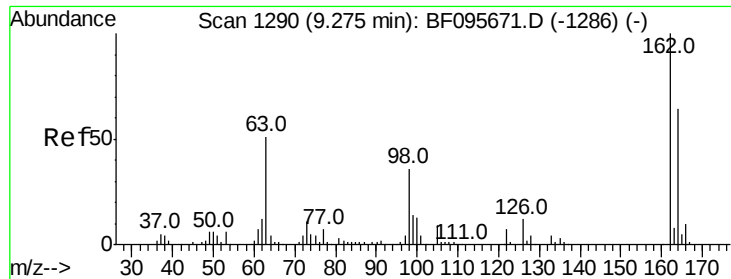
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.59 ng
RT: 9.10 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	254409		
95	32.2	26.5	39.7	
123	10.5	9.0	13.4	





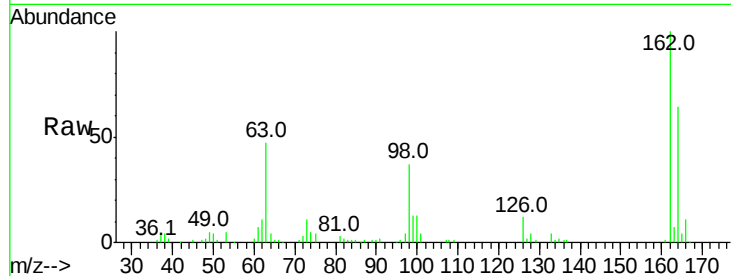
#29
 2,4-Dichlorophenol
 Concen: 50.76 ng
 RT: 9.25 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MSD

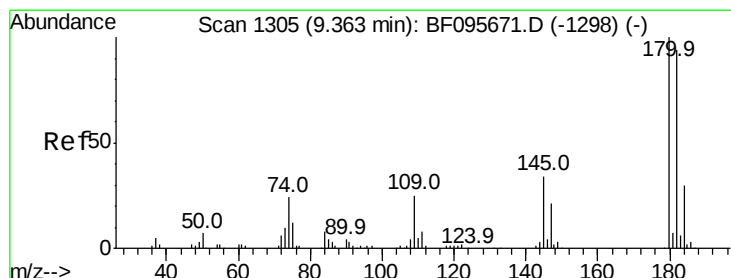
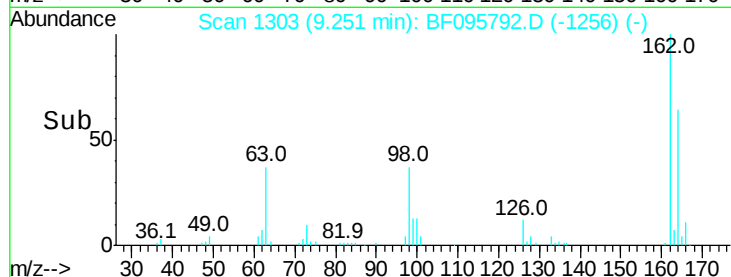
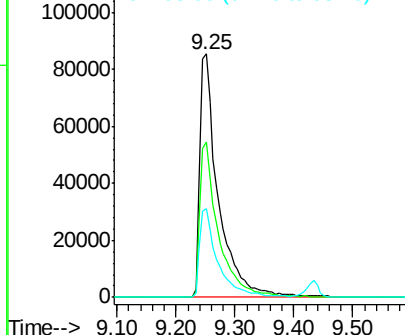
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.6	84.6
98	36.7	14.8	54.8

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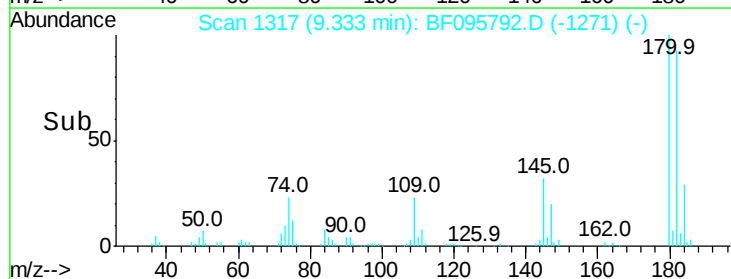
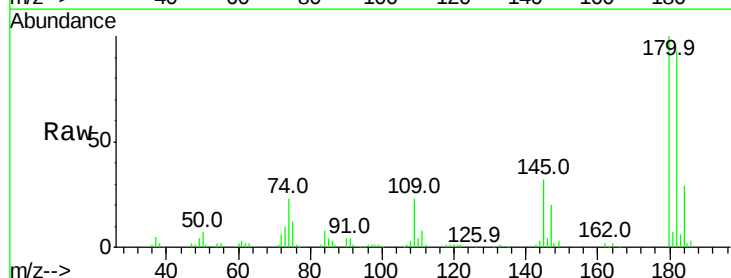
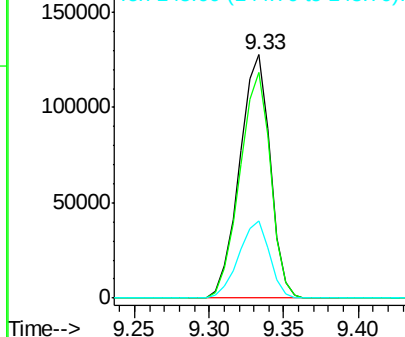
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

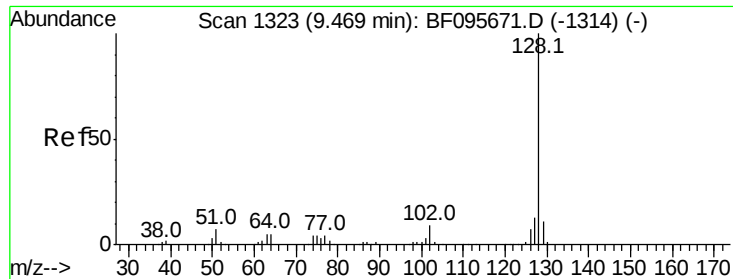


#30
 1,2,4-Trichlorobenzene
 Concen: 48.10 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.8	75.8	113.6
145	31.8	25.3	37.9

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





#31

Naphthalene

Concen: 46.65 ng

RT: 9.43 min Scan# 1334

Delta R.T. -0.04 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

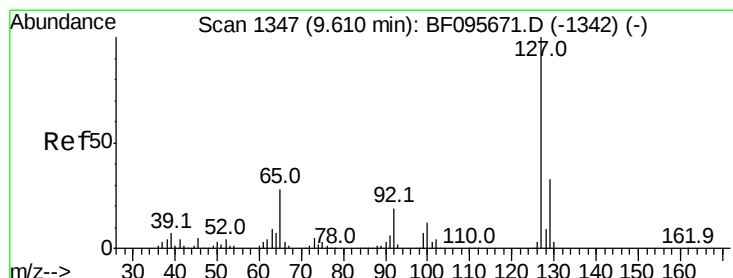
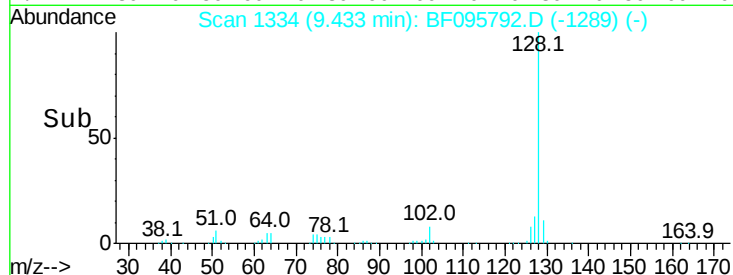
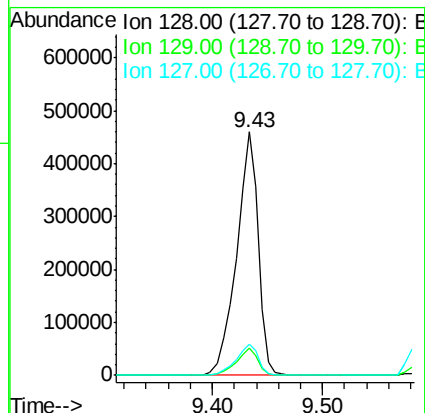
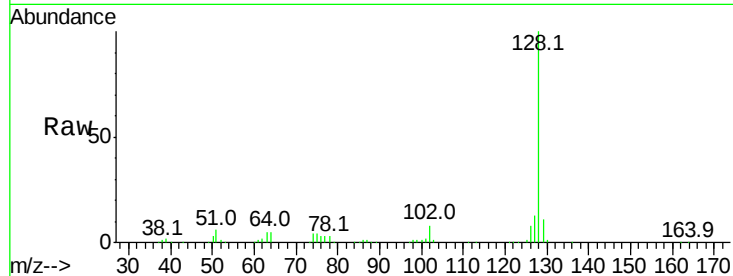
ClientSampleId :

RT-3460MSD

Tot Ion:	128	Resp:	631616
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.6
127	13.0	10.8	16.2

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#33

4-Chloroaniline

Concen: 21.08 ng

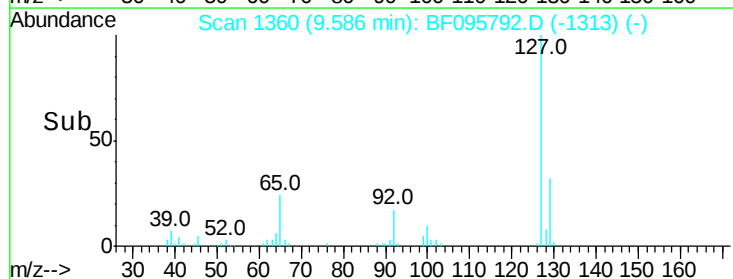
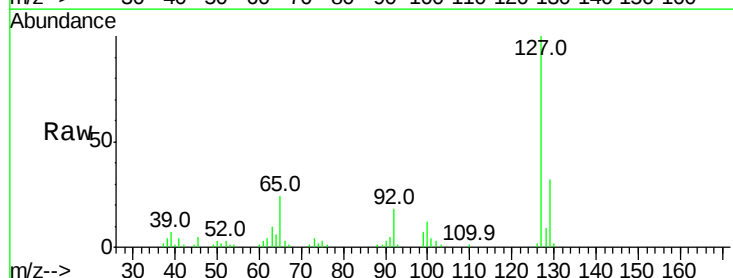
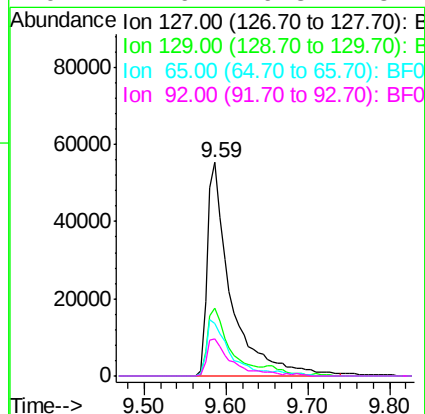
RT: 9.59 min Scan# 1360

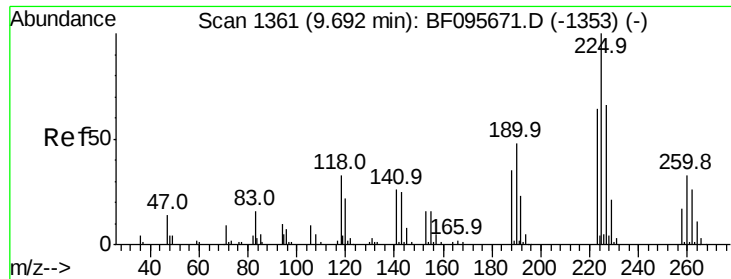
Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:	127	Resp:	111559
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.2	39.2
65	24.4	27.8	41.8#
92	17.6	16.8	25.2





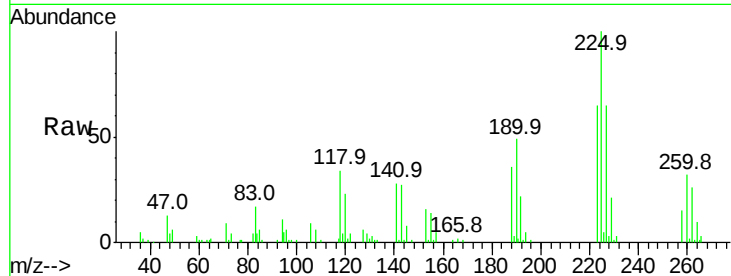
#34
Hexachlorobutadiene
Concen: 45.57 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

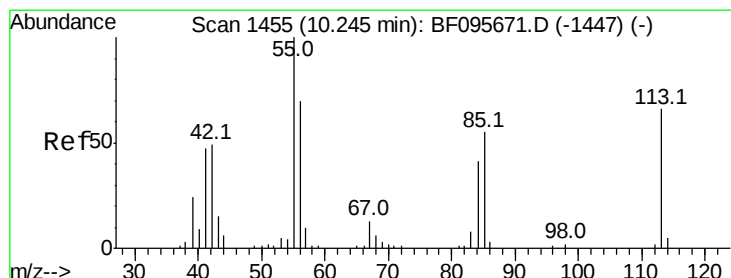
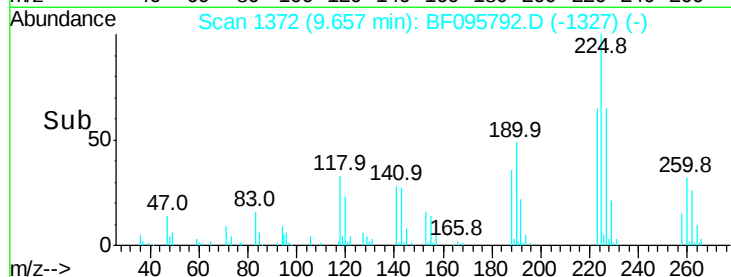
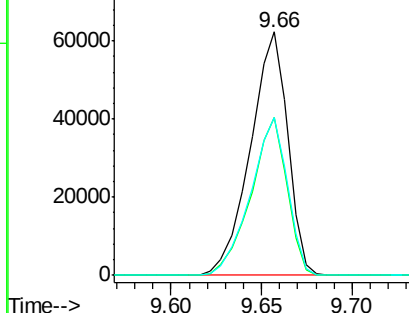
Tot Ion:	225	Resp:	88980
Ion Ratio	Lower	Upper	
225	100		
223	64.8	48.8	73.2
227	64.9	51.1	76.7

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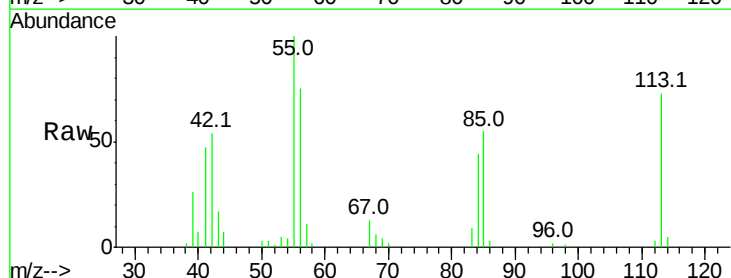


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

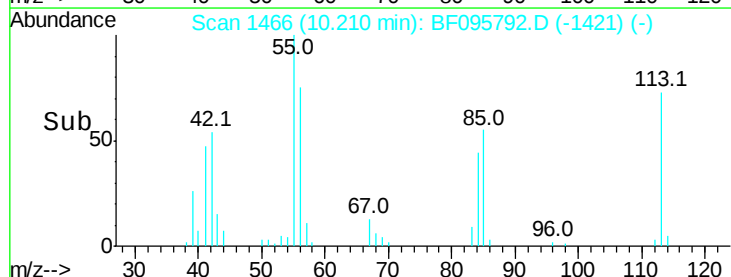
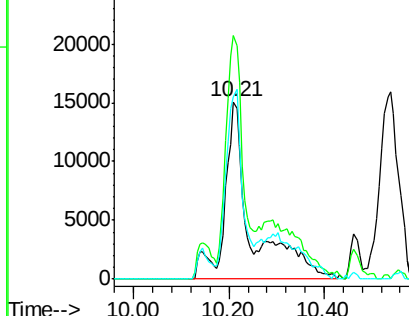


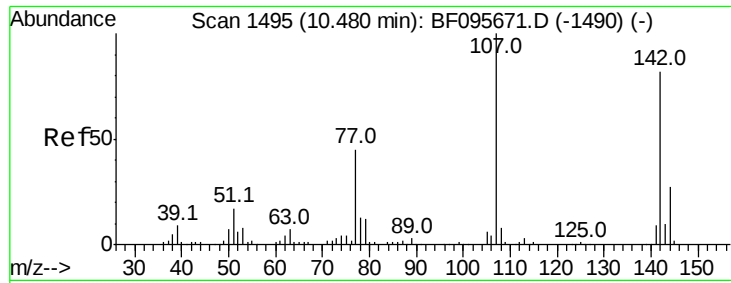
#35
Caprolactam
Concen: 54.18 ng m
RT: 10.21 min Scan# 1466
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion:	113	Resp:	58540
Ion Ratio	Lower	Upper	
113	100		
55	137.2	150.2	190.2#
56	102.8	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





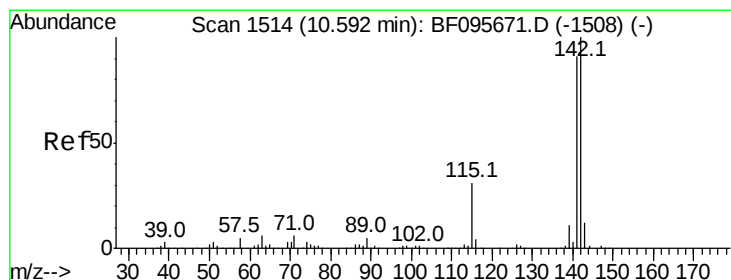
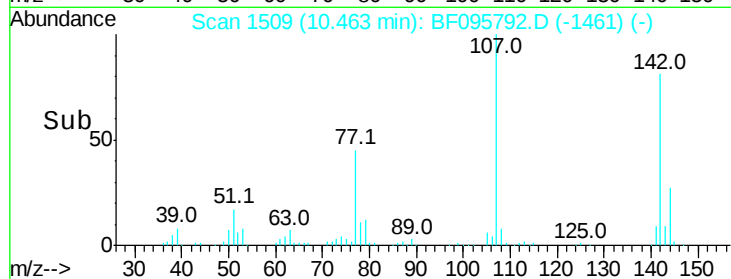
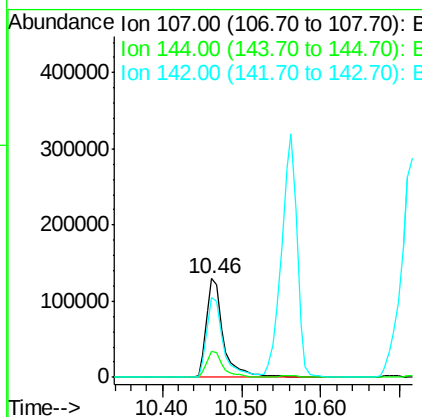
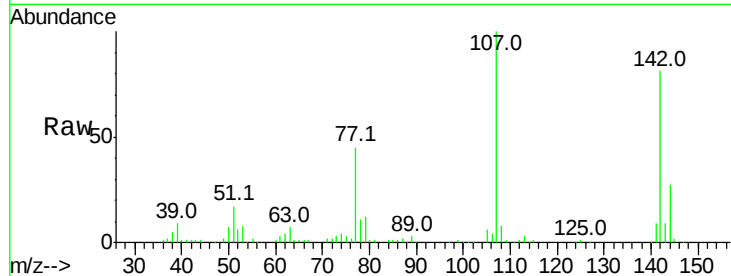
#36
 4-Chloro-3-methylphenol
 Concen: 51.05 ng
 RT: 10.46 min Scan# 1509
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	194072		
144	26.5	24.2	36.4	
142	81.1	73.4	110.0	

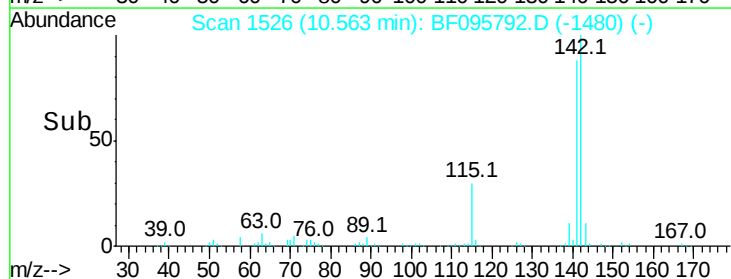
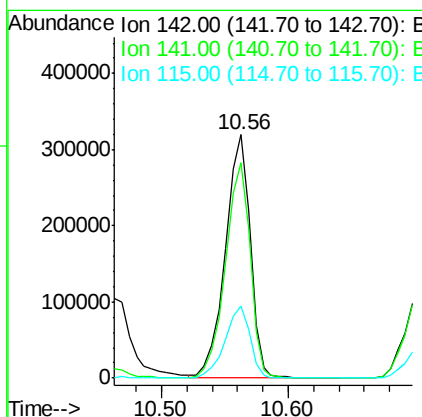
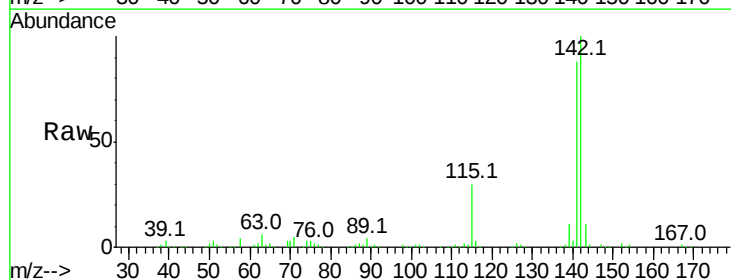
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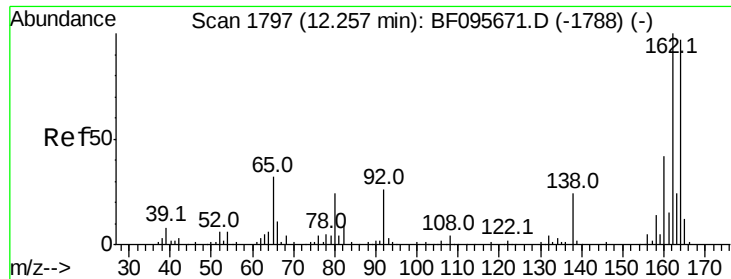
mohammad
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#37
 2-Methylnaphthalene
 Concen: 47.51 ng
 RT: 10.56 min Scan# 1526
 Delta R.T. -0.03 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	434549		
141	88.4	71.3	106.9	
115	29.7	27.1	40.7	





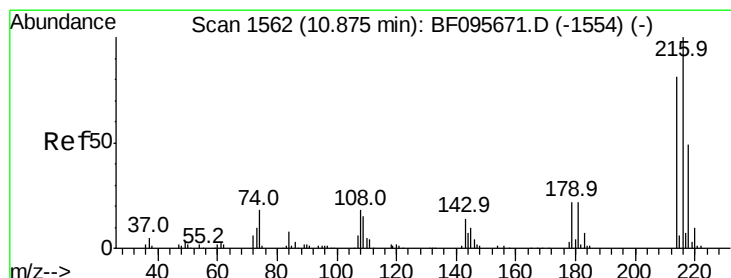
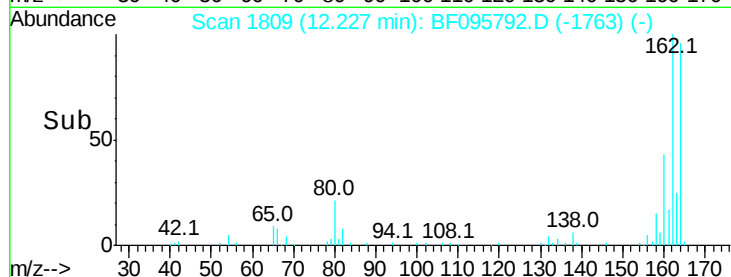
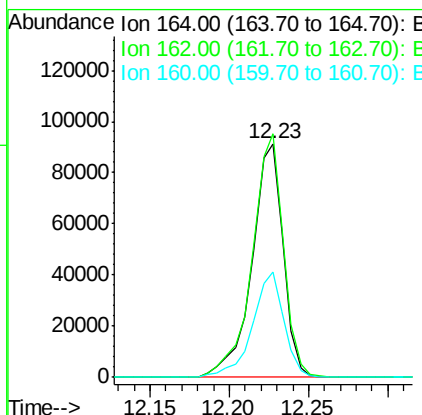
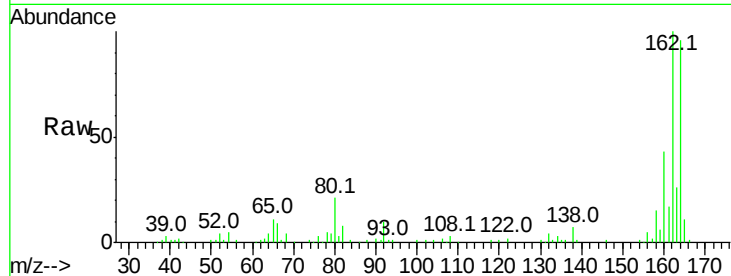
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	45.0	36.2	54.2

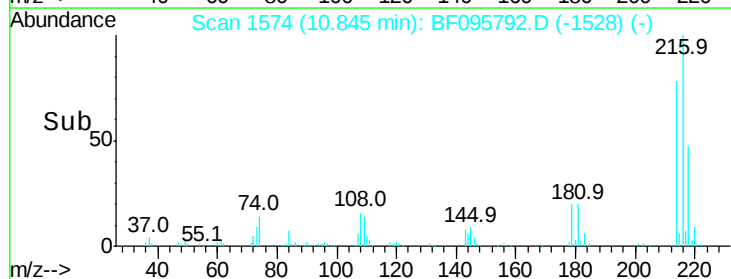
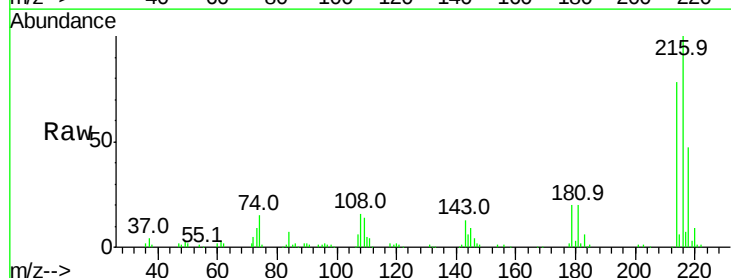
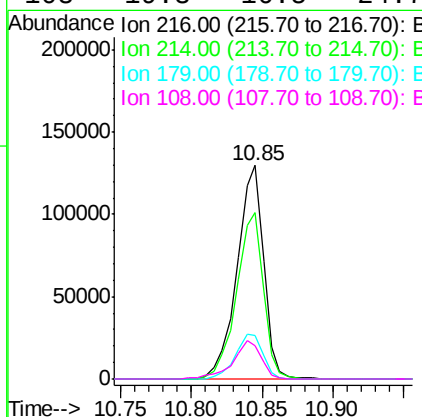
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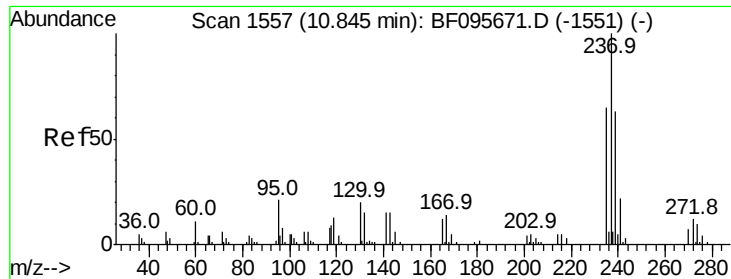
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.25 ng
RT: 10.85 min Scan# 1574
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	21.7	17.9	26.9
108	19.3	16.5	24.7





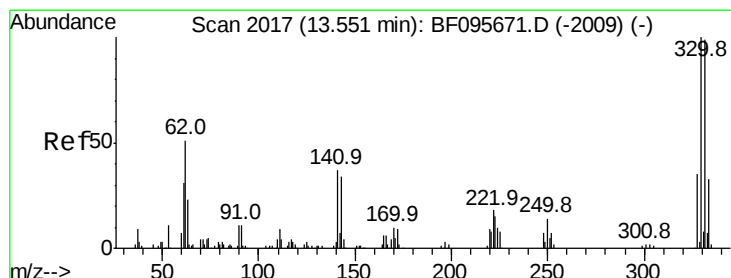
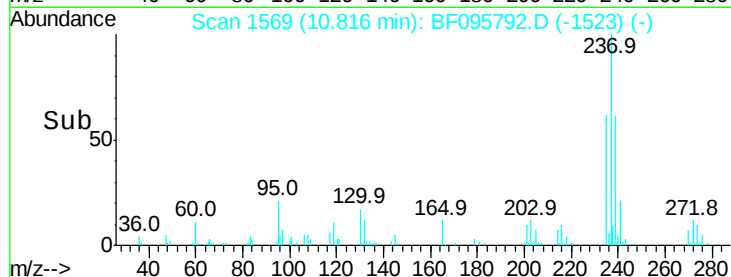
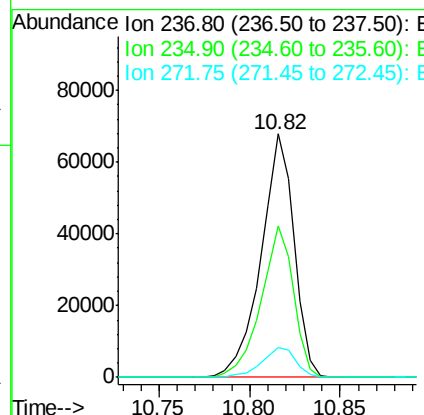
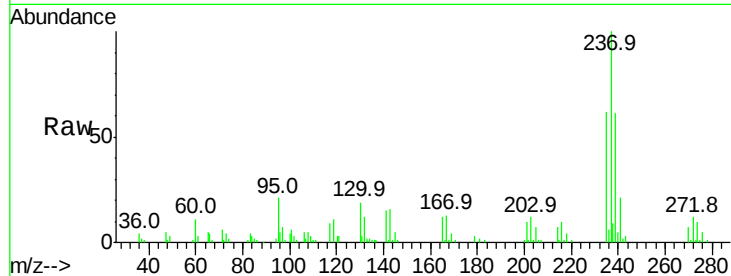
#40
Hexachlorocyclopentadiene
Concen: 73.88 ng
RT: 10.82 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.2	42.6	82.6	
272	12.4	0.0	31.9	

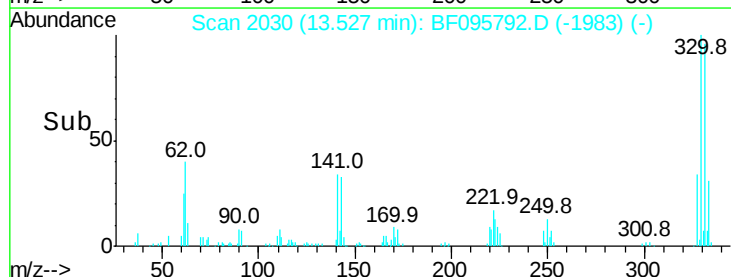
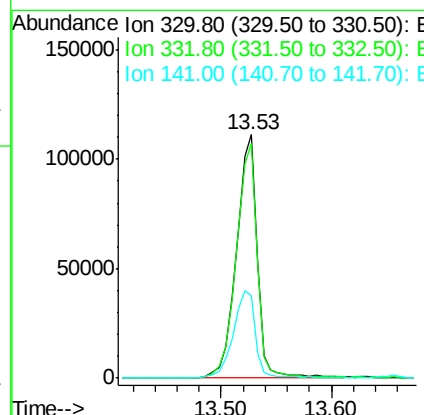
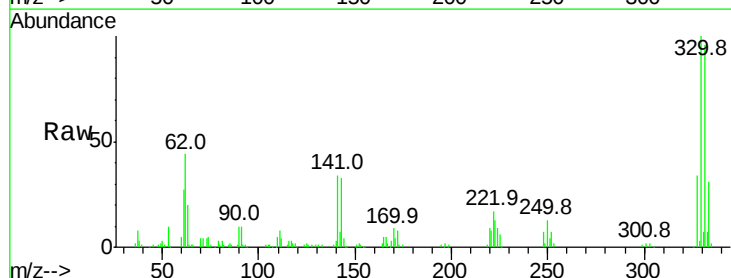
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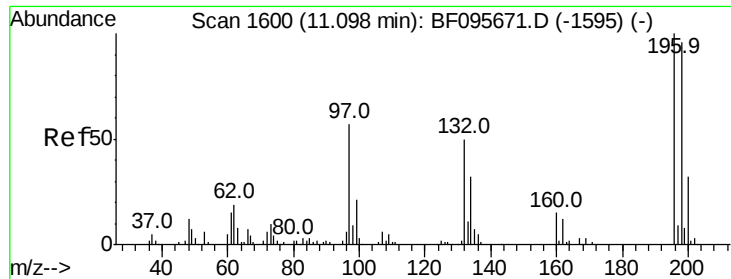
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#41
2,4,6-Tribromophenol
Concen: 133.31 ng
RT: 13.53 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.6	115.0	
141	38.2	31.4	47.2	





#42

2,4,6-Trichlorophenol

Concen: 45.41 ng

RT: 11.07 min Scan# 1612

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

RT-3460MSD

Tot Ion:196 Resp: 109679

Ion Ratio Lower Upper

196 100

198 93.2 74.2 111.4

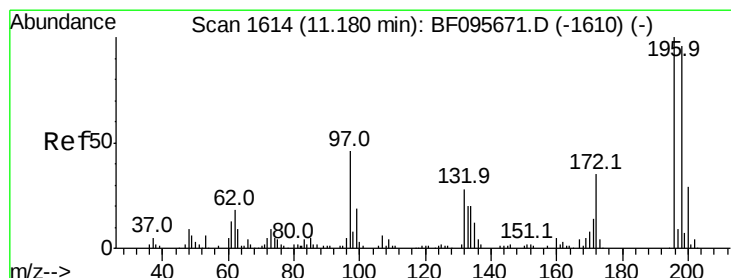
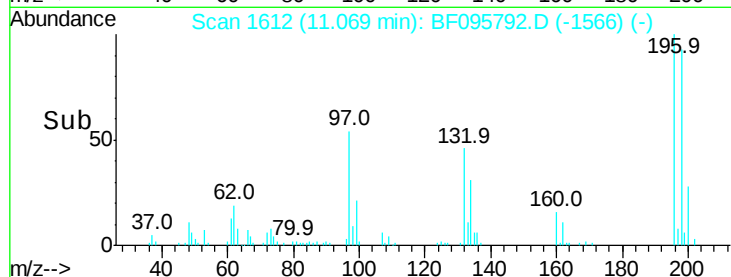
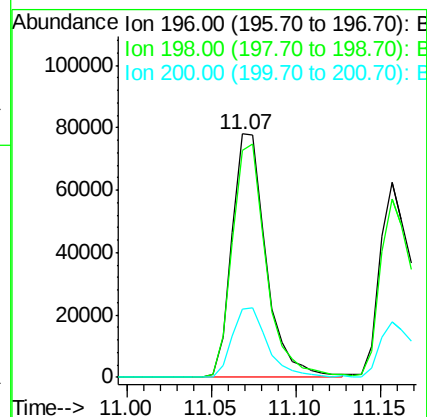
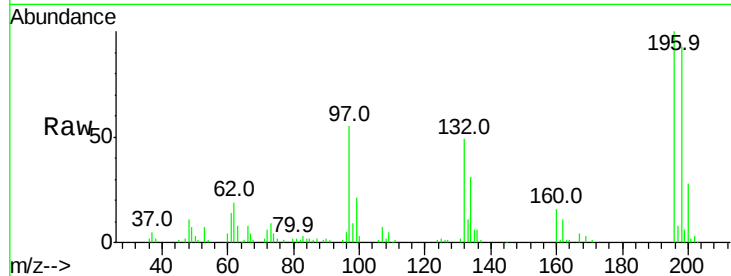
200 28.3 24.0 36.0

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#43

2,4,5-Trichlorophenol

Concen: 45.96 ng

RT: 11.16 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:196 Resp: 118058

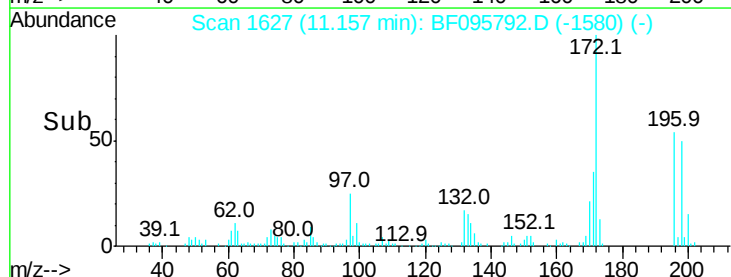
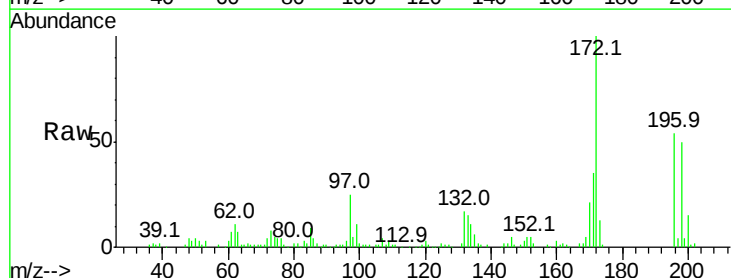
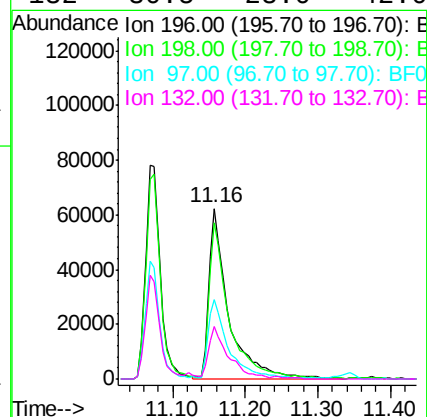
Ion Ratio Lower Upper

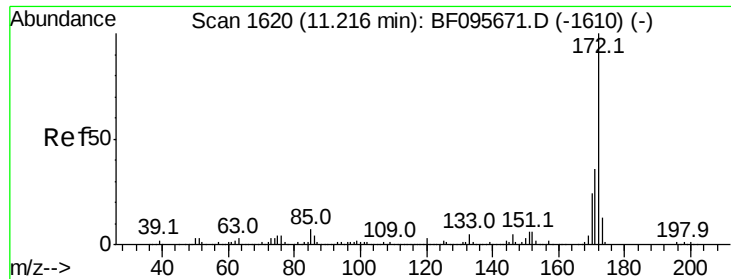
196 100

198 91.5 75.7 113.5

97 46.9 47.7 71.5#

132 30.5 28.0 42.0





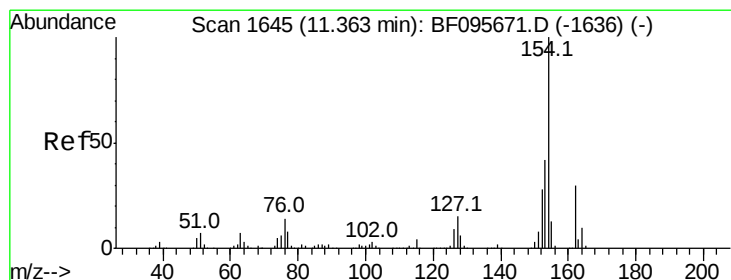
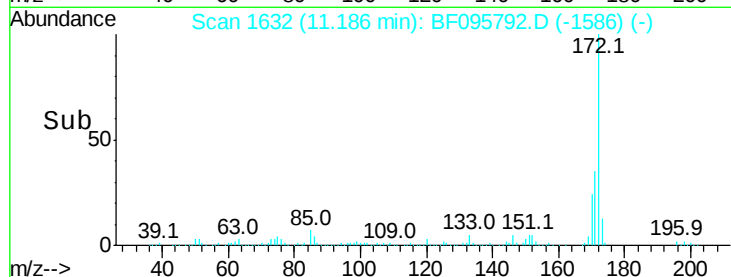
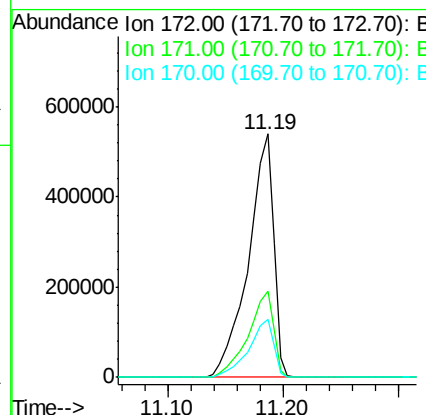
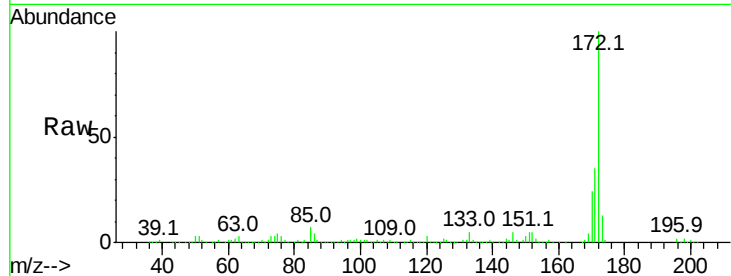
#44
2-Fluorobiphenyl
Concen: 91.03 ng
RT: 11.19 min Scan# 1632
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.7	19.8	29.8

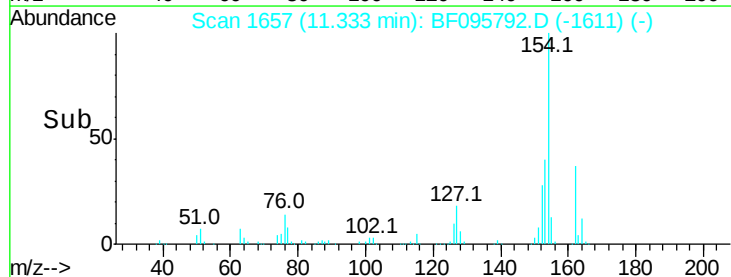
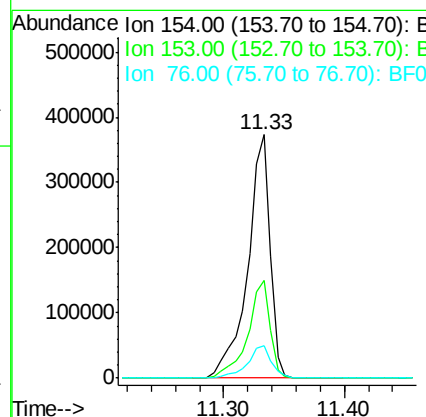
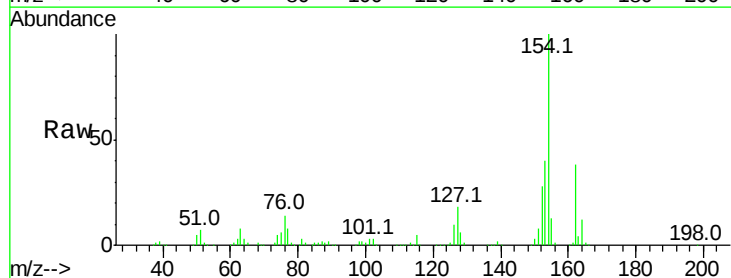
Manual Integrations
APPROVED

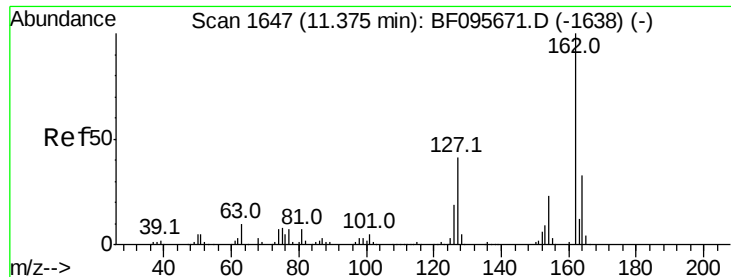
mohammad
6/9/2017 12:08:55 PM



#45
1,1'-Biphenyl
Concen: 46.71 ng
RT: 11.33 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	13.5	0.0	29.9





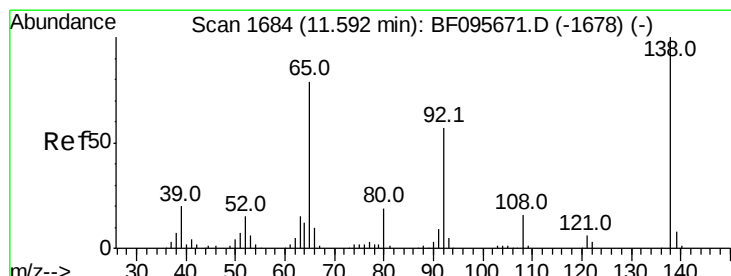
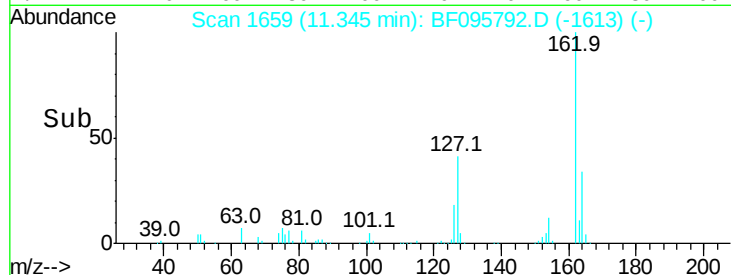
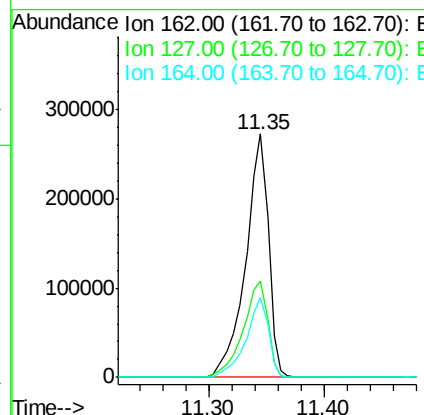
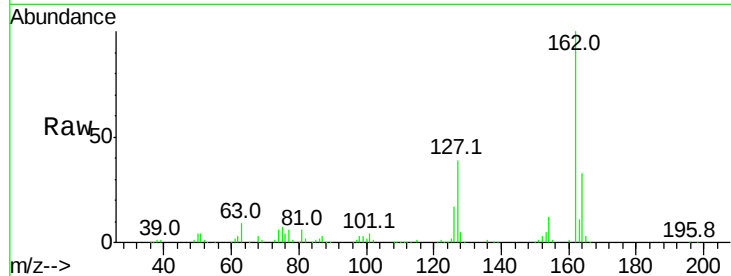
#46
2-Chloronaphthalene
Concen: 46.12 ng
RT: 11.35 min Scan# 1659
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	372757		
127	39.5	28.3	42.5	
164	33.0	27.0	40.4	

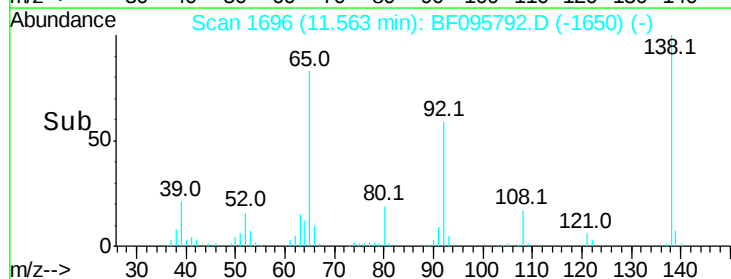
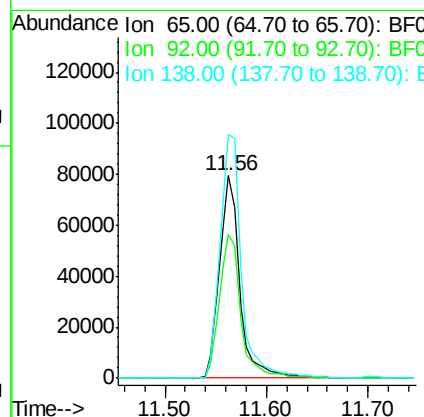
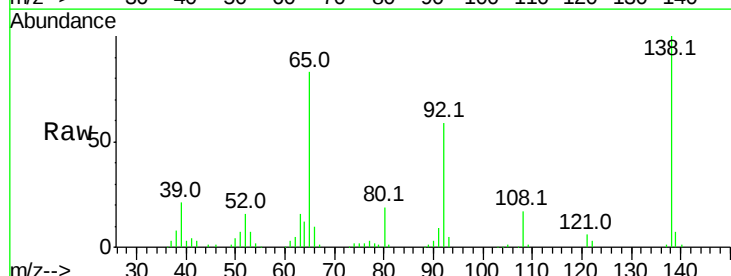
Manual Integrations
APPROVED

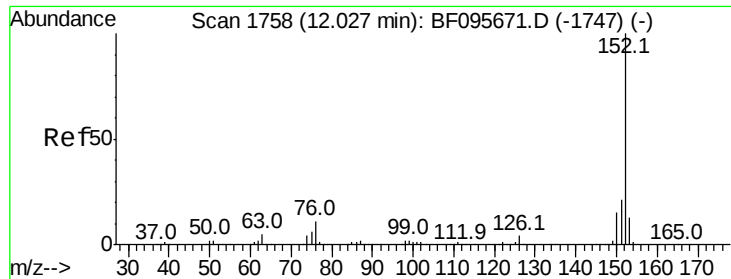
mohammad
6/9/2017 12:08:55 PM



#47
2-Nitroaniline
Concen: 46.97 ng
RT: 11.56 min Scan# 1696
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	111094		
92	71.2	53.9	80.9	
138	120.2	78.8	118.2	





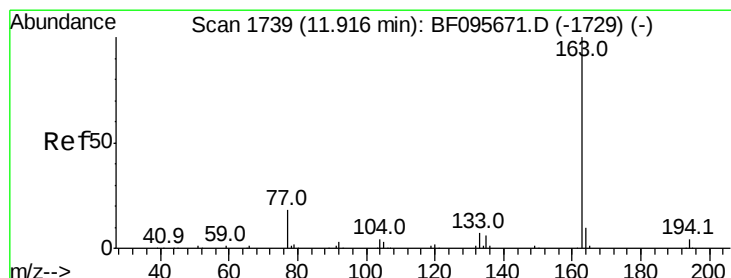
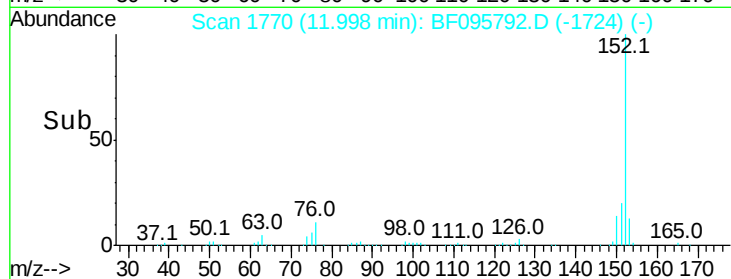
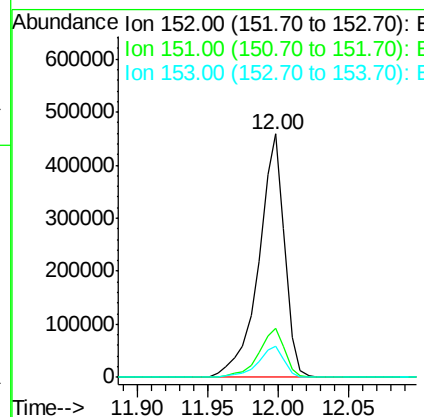
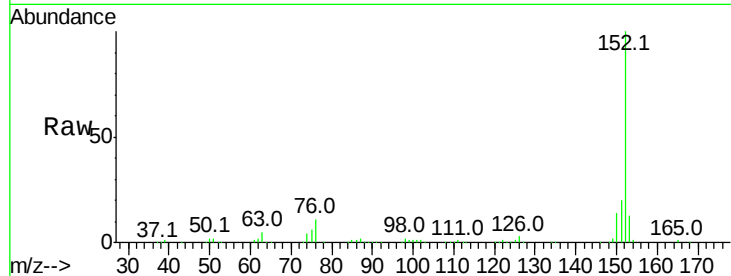
#48
Acenaphthylene
Concen: 42.78 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	591268		
151	19.9		16.8	25.2
153	12.7		10.8	16.2

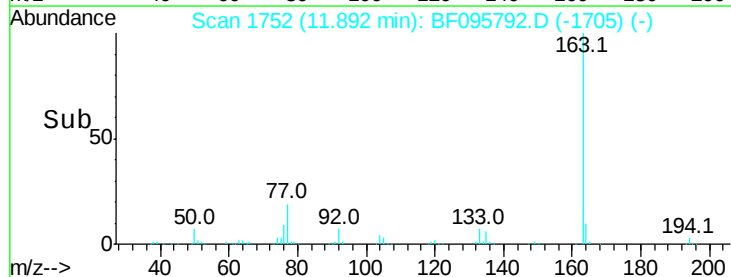
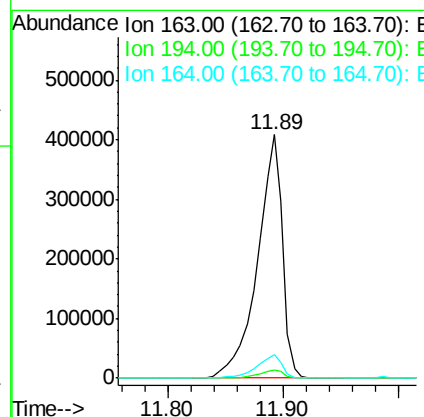
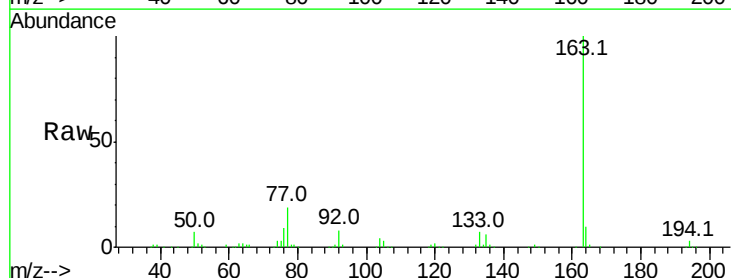
Manual Integrations
APPROVED

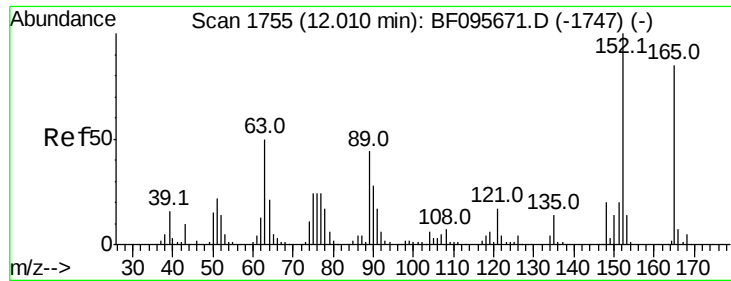
mohammad
6/9/2017 12:08:55 PM



#49
Dimethylphthalate
Concen: 64.48 ng
RT: 11.89 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	614505		
194	3.3		2.6	4.0
164	9.8		8.4	12.6





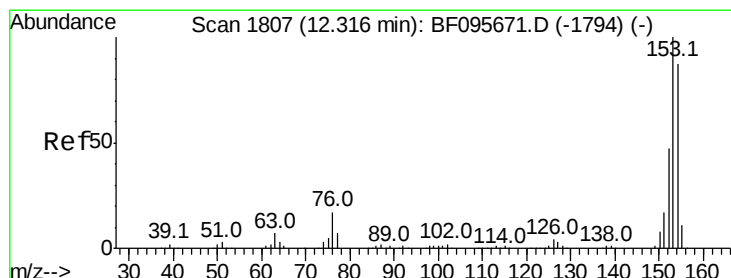
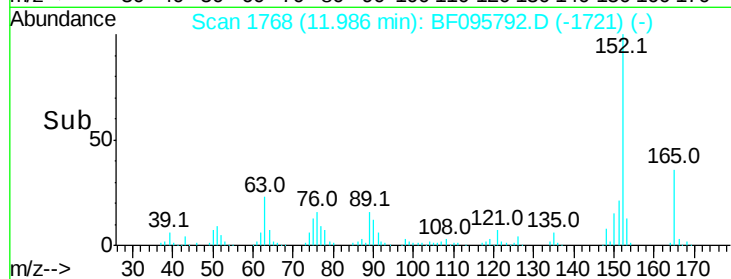
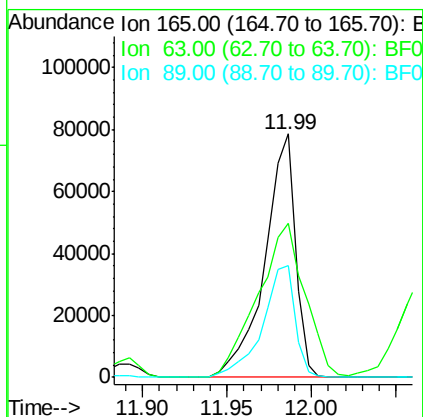
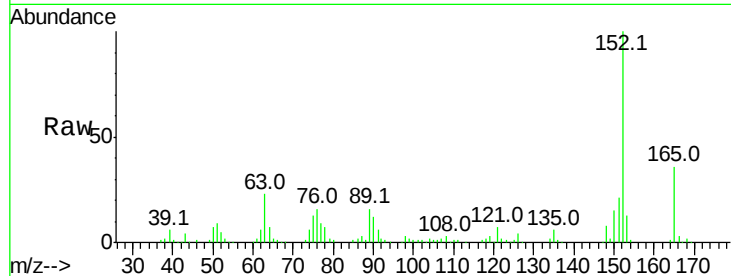
#50
2,6-Dinitrotoluene
Concen: 47.38 ng
RT: 11.99 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.2	34.3	51.5#	
89	45.9	37.1	55.7	

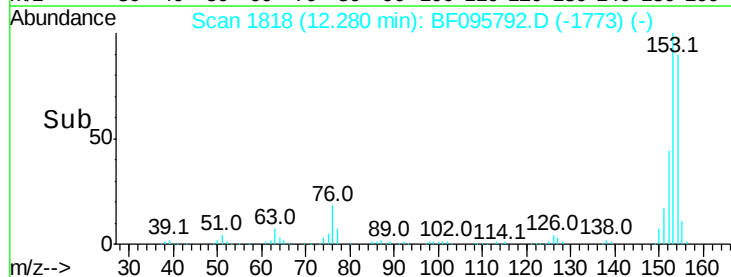
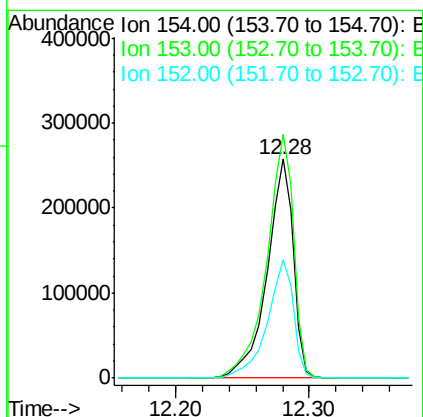
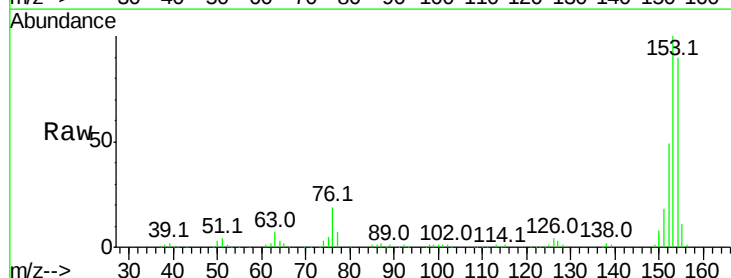
Manual Integrations
APPROVED

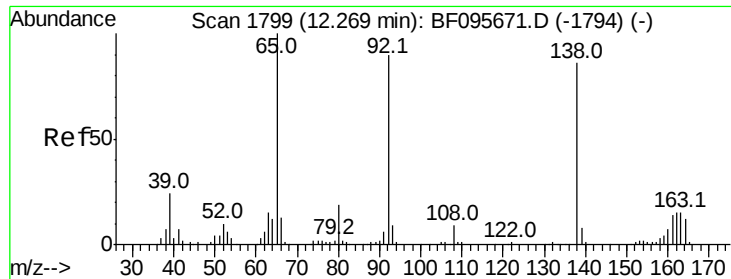
mohammad
6/9/2017 12:08:55 PM



#51
Acenaphthene
Concen: 44.05 ng
RT: 12.28 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.3	90.5	135.7	
152	54.1	43.6	65.4	





#52

3-Nitroaniline

Concen: 32.56 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

RT-3460MSD

Tot Ion:138 Resp: 78849

Ion Ratio Lower Upper

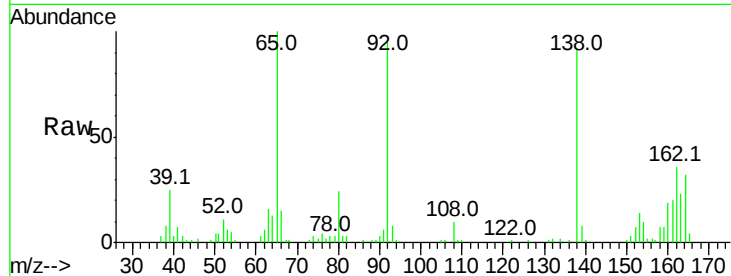
138 100

108 10.8 9.1 13.7

92 103.7 93.8 140.6

Manual Integrations
APPROVED

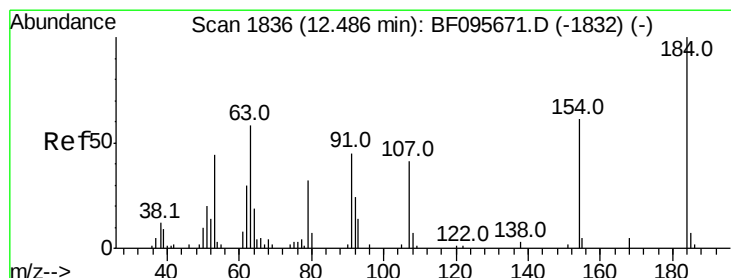
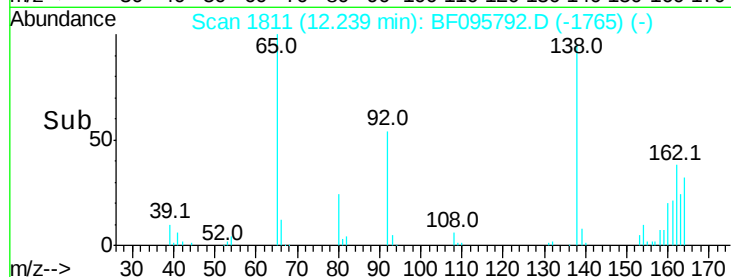
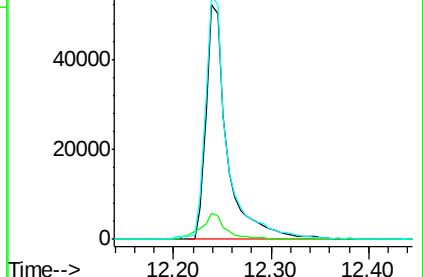
mohammad
6/9/2017 12:08:55 PM



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: 14.31 ng

RT: 12.49 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:184 Resp: 10038

Ion Ratio Lower Upper

184 100

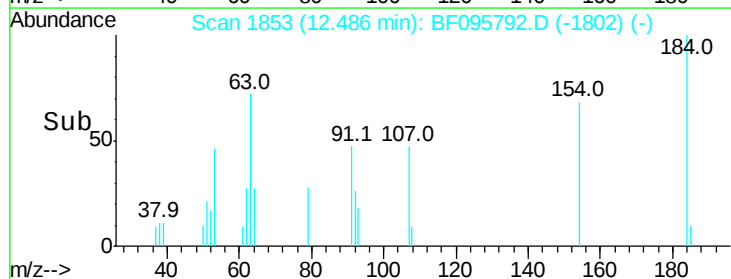
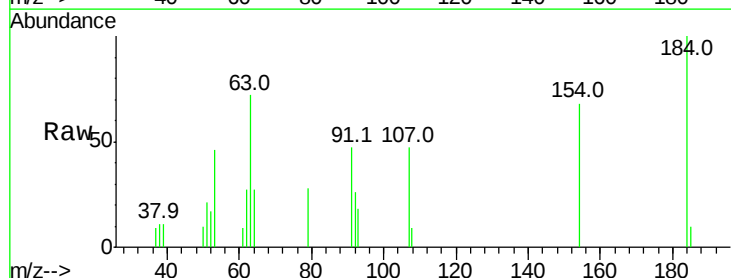
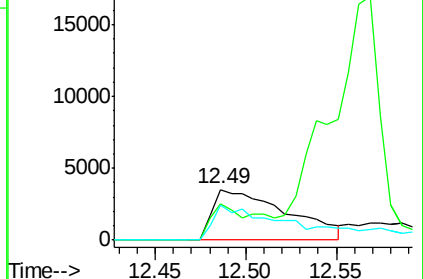
63 71.6 62.7 94.1

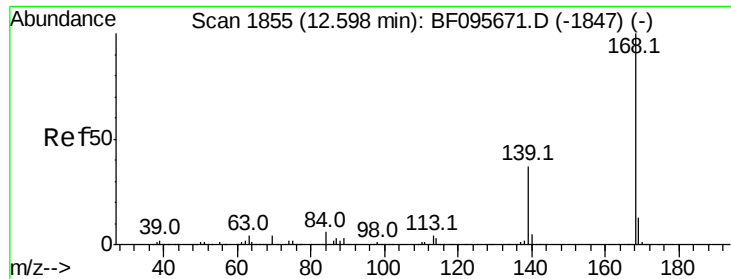
154 67.9 81.1 121.7#

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





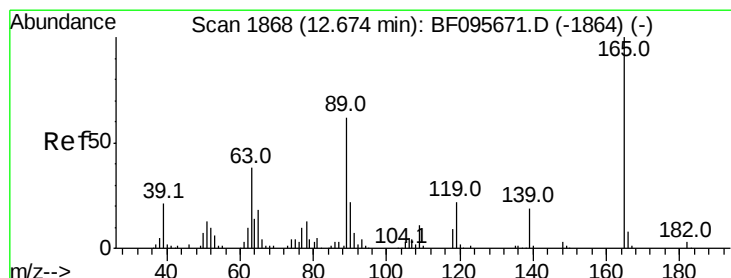
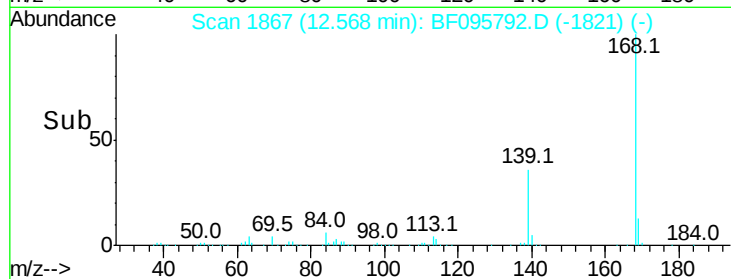
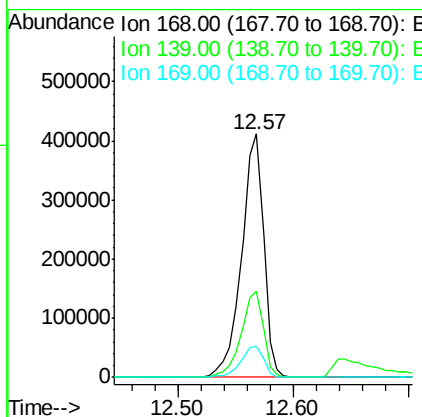
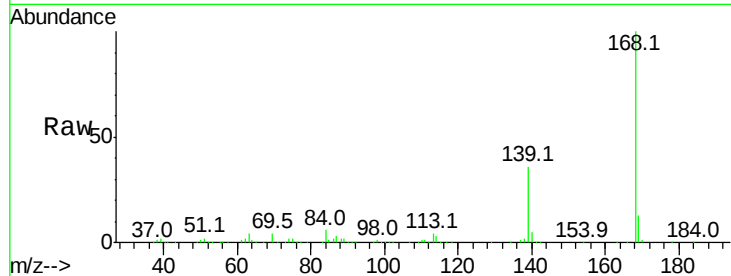
#54
Dibenzenofuran
Concen: 48.64 ng
RT: 12.57 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	546488		
139	35.6		30.6	45.8
169	13.0		10.8	16.2

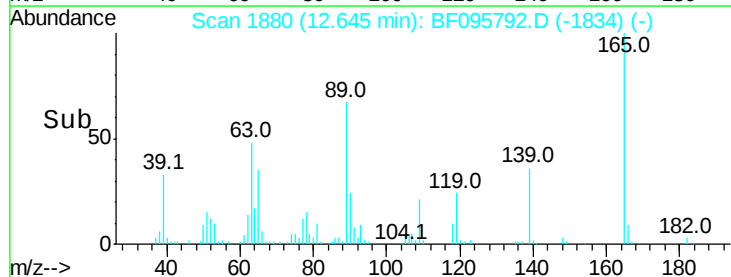
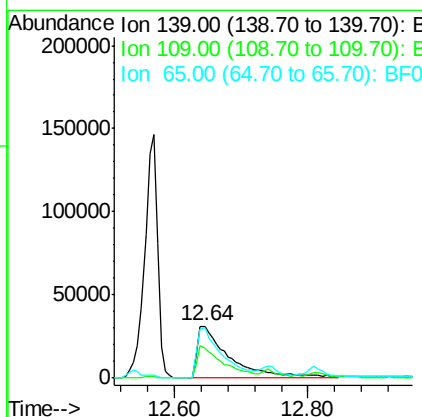
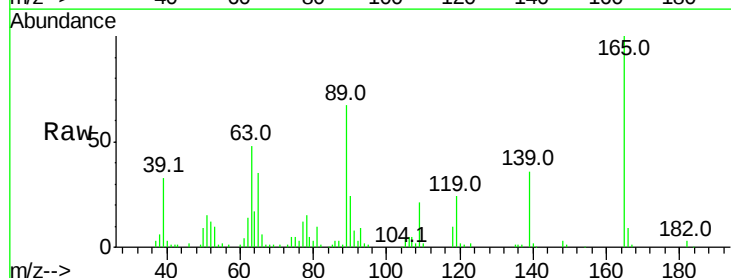
Manual Integrations
APPROVED

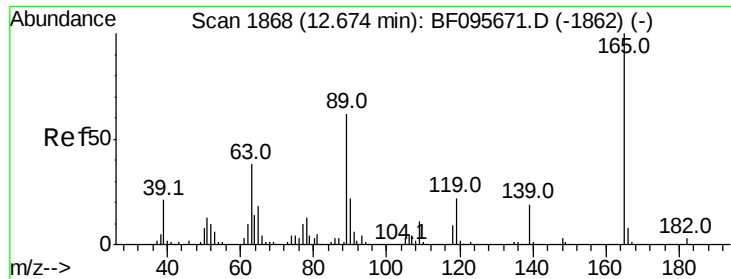
mohammad
6/9/2017 12:08:55 PM



#55
4-Nitrophenol
Concen: 74.12 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	104297		
109	57.2		34.1	74.1
65	96.9		31.4	71.4#





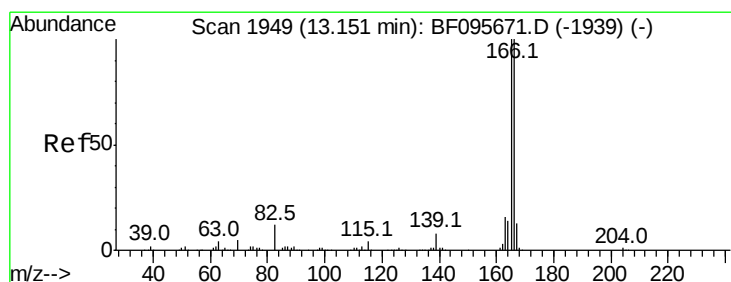
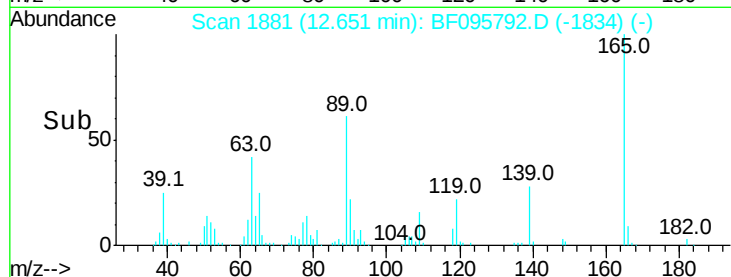
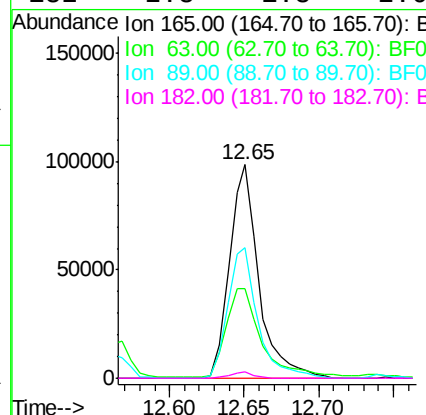
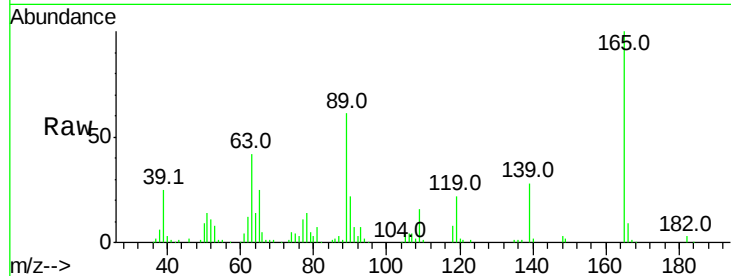
#56
2,4-Dinitrotoluene
Concen: 48.52 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.8	25.4	38.0#	
89	61.2	46.4	69.6	
182	2.8	1.8	2.6#	

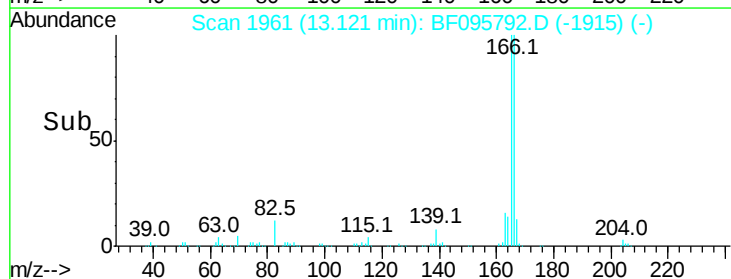
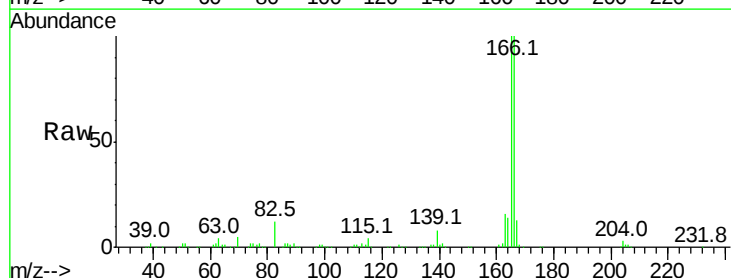
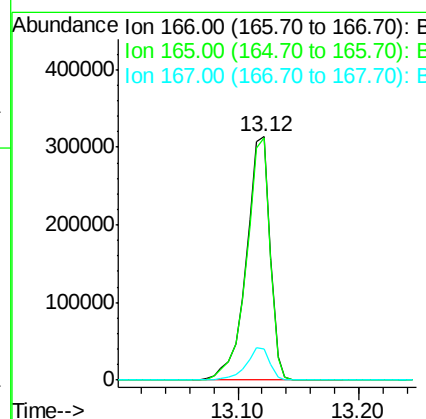
Manual Integrations
APPROVED

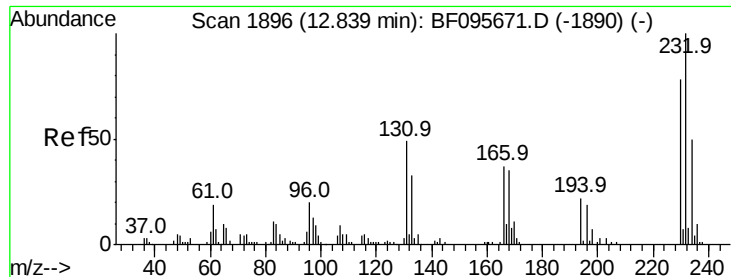
mohammad
6/9/2017 12:08:55 PM



#57
Fluorene
Concen: 44.05 ng
RT: 13.12 min Scan# 1961
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	78.8	118.2	
167	12.9	10.6	16.0	





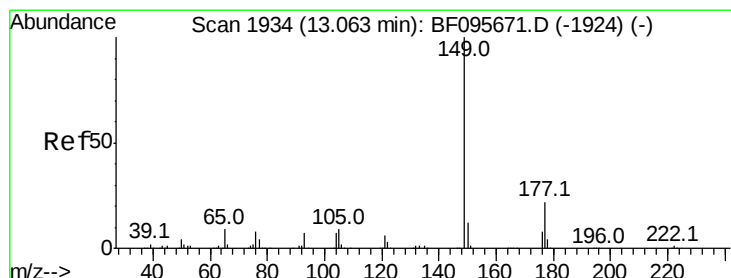
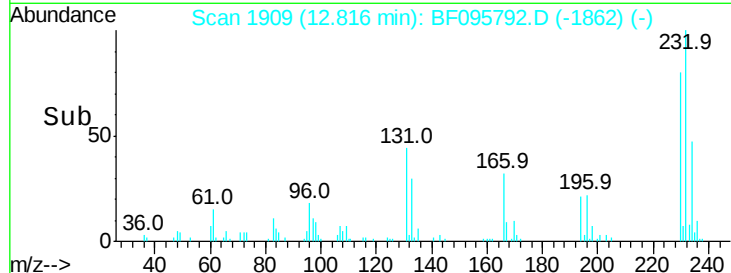
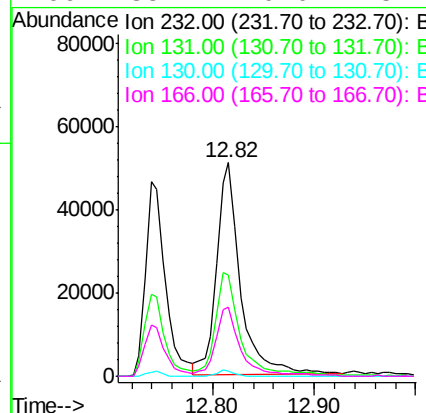
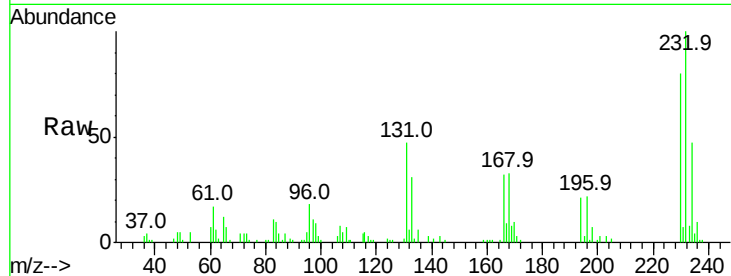
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.35 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	83235		
131	49.4		44.8	67.2
130	2.0		2.3	3.5
166	35.1		29.0	43.4

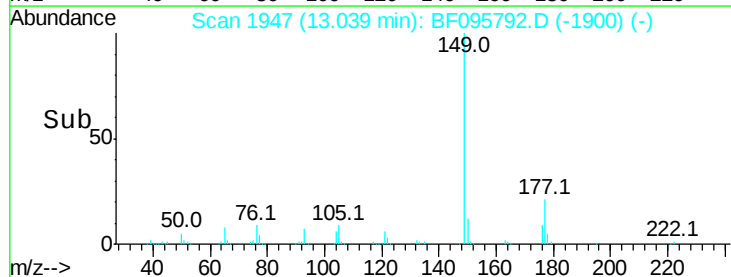
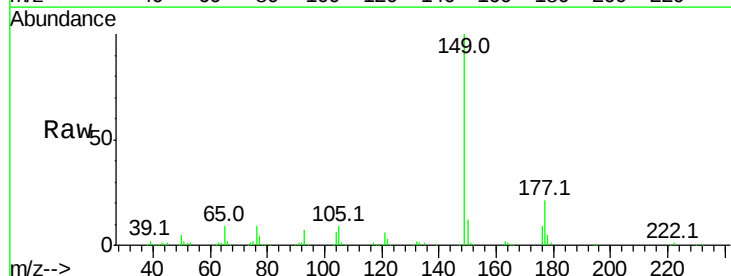
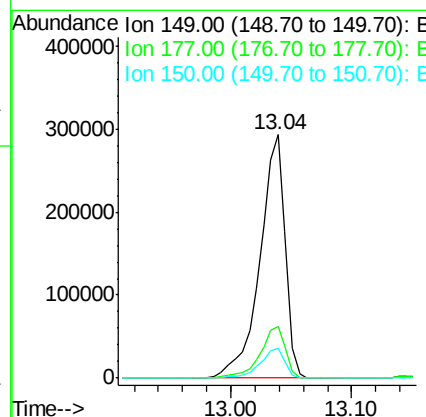
Manual Integrations
 APPROVED

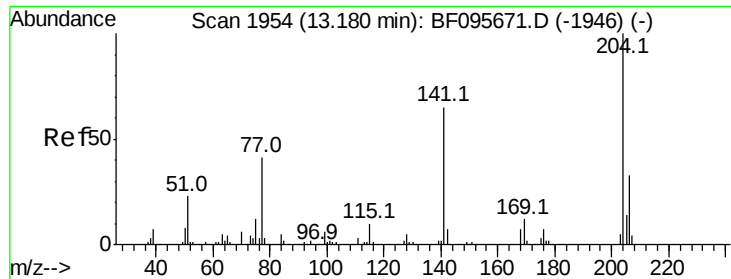
mohammad
 6/9/2017 12:08:55 PM



#59
 Diethylphthalate
 Concen: 46.51 ng
 RT: 13.04 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	426555		
177	21.3		16.7	25.1
150	12.4		10.2	15.2





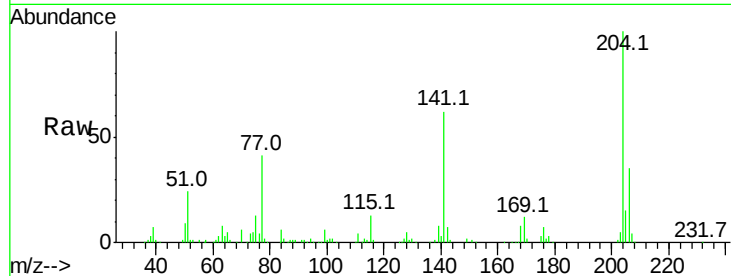
#60
4-Chlorophenyl-phenylether
Concen: 44.64 ng
RT: 13.15 min Scan# 1966
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

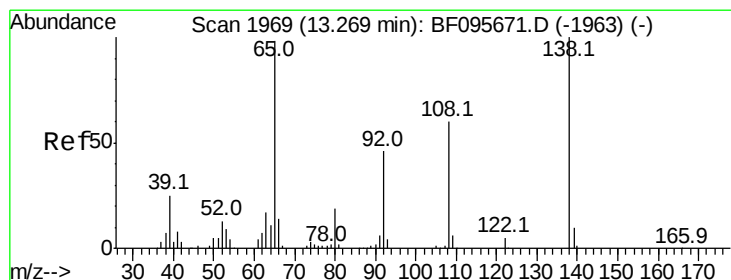
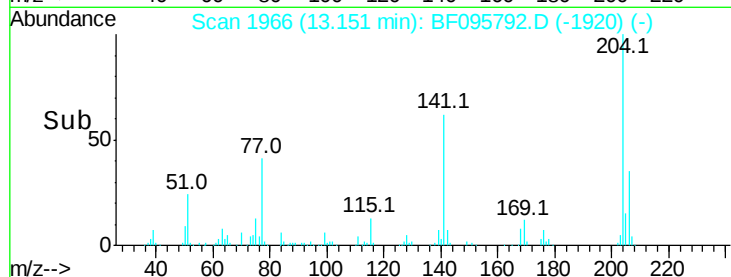
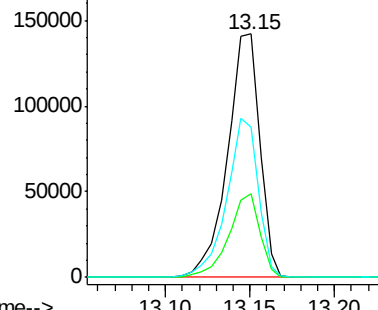
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.2	39.2
141	61.7	60.8	91.2

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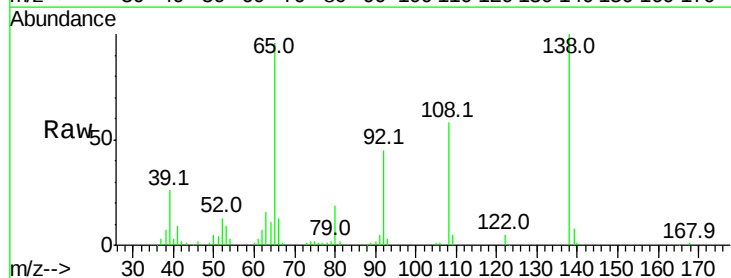


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

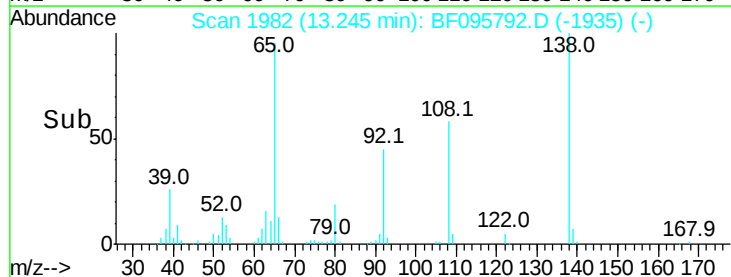
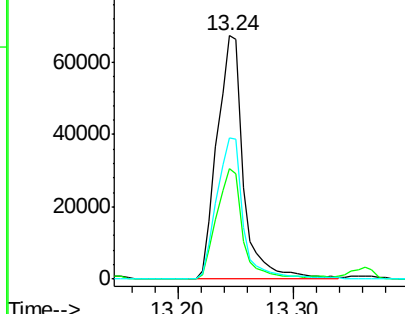


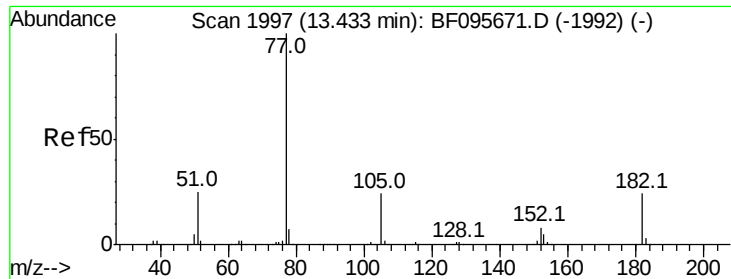
#61
4-Nitroaniline
Concen: 47.28 ng
RT: 13.24 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.3	21.8	61.8
108	58.1	42.3	82.3



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





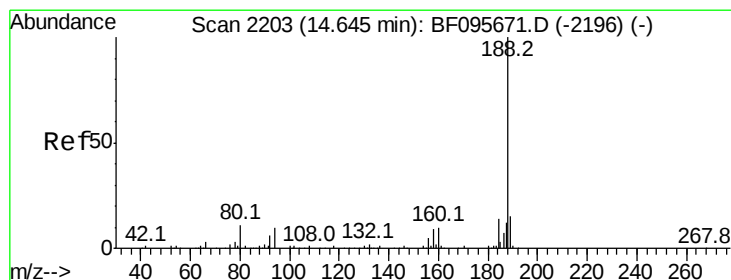
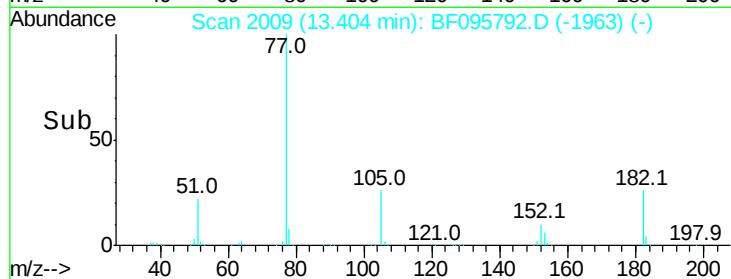
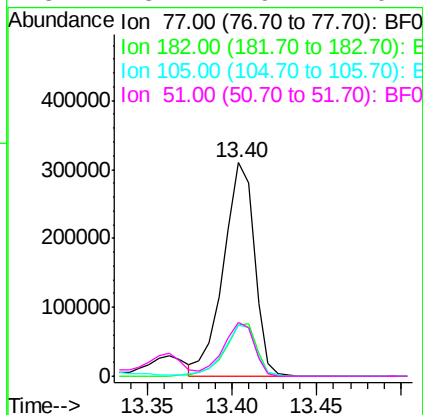
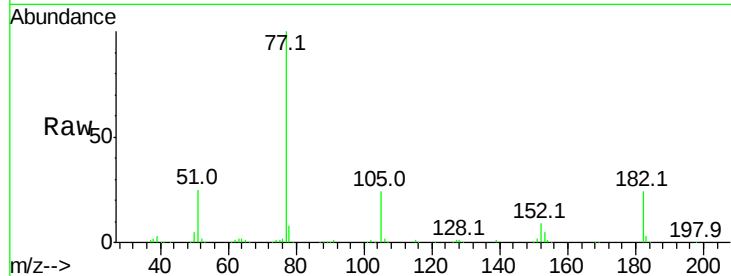
#62
Azobenzene
Concen: 47.61 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.7	0.1	40.1
105	23.8	3.6	43.6
51	25.4	9.4	49.4

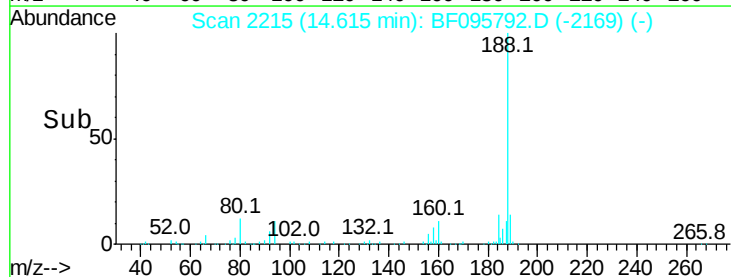
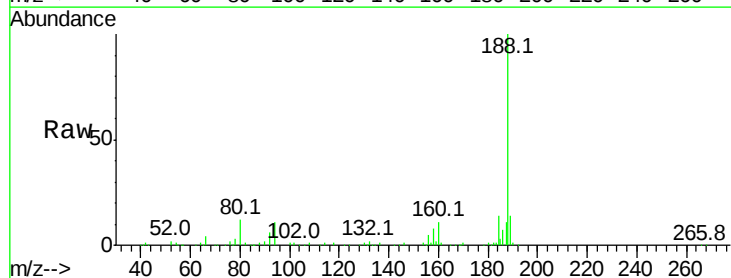
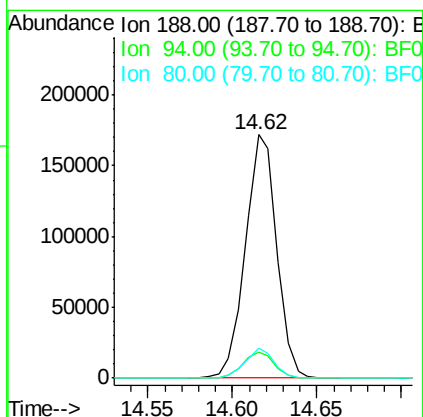
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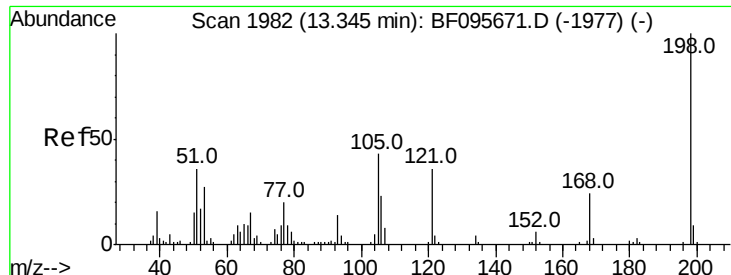
mohammad
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	12.0	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 25.47 ng

RT: 13.32 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

RT-3460MSD

Tot Ion:198 Resp: 37096

Ion Ratio Lower Upper

198 100

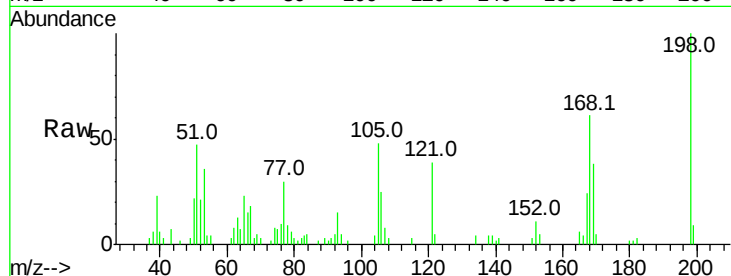
51 47.2 53.2 93.2#

105 48.3 45.8 85.8

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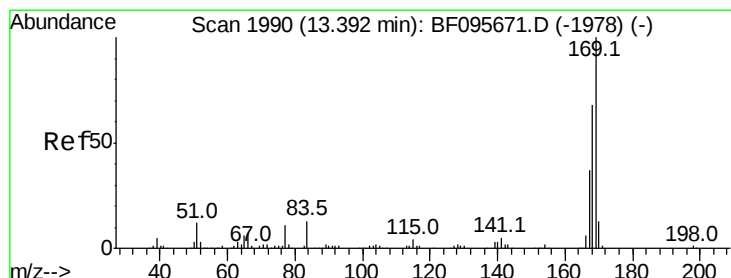
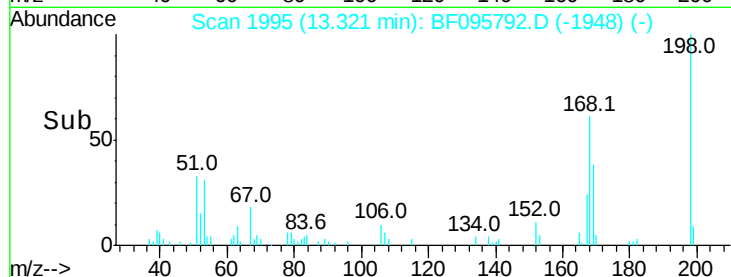
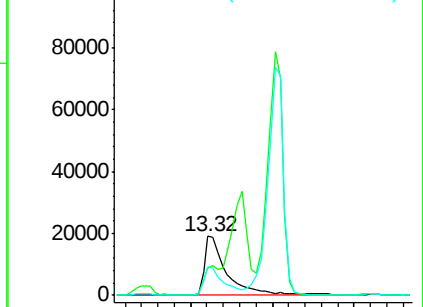
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 47.25 ng

RT: 13.36 min Scan# 2002

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:169 Resp: 376207

Ion Ratio Lower Upper

169 100

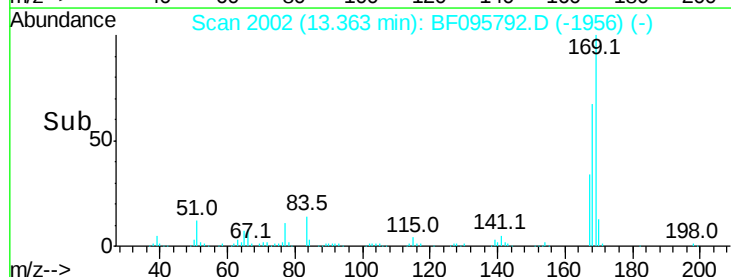
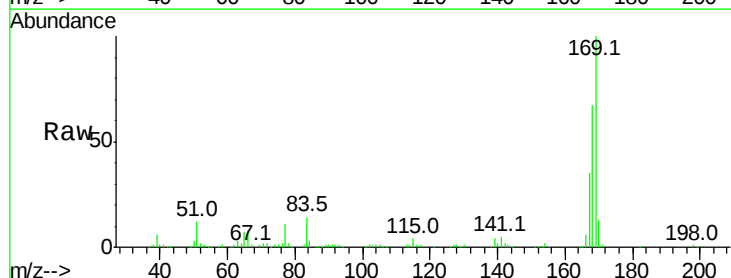
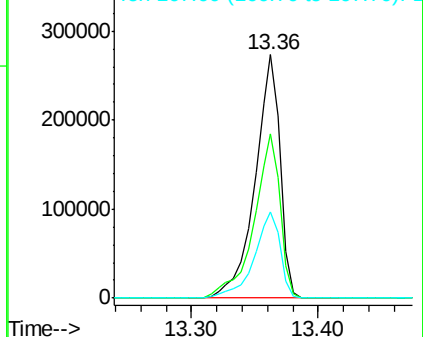
168 67.3 53.2 79.8

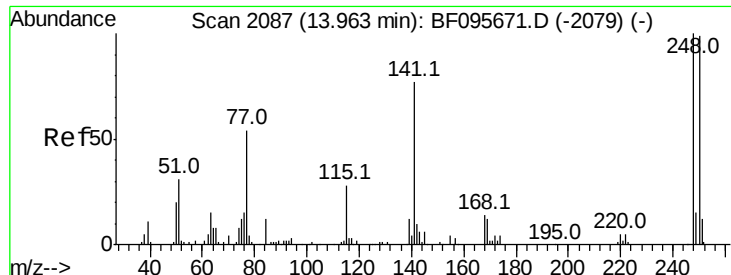
167 35.4 29.5 44.3

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





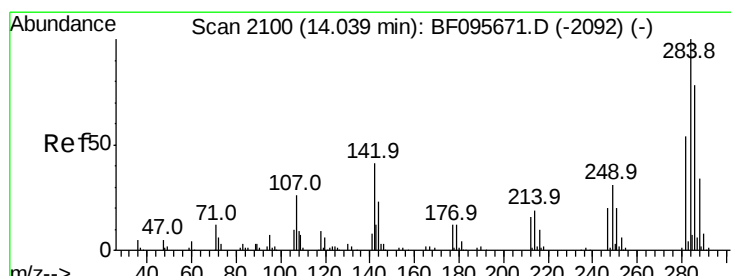
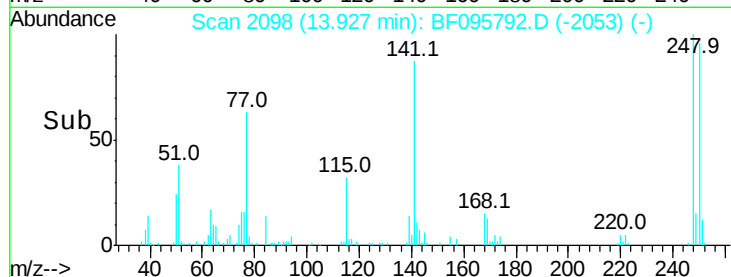
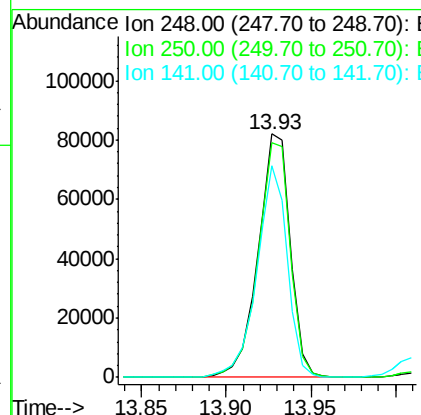
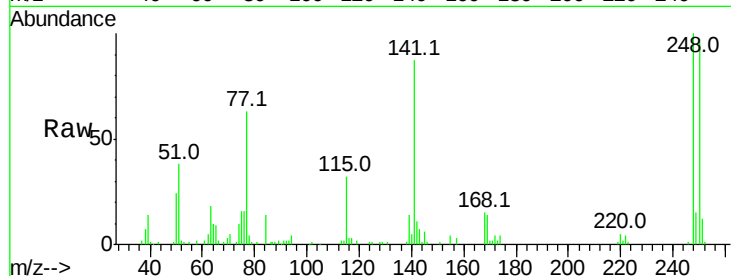
#66
4-Bromophenyl-phenylether
Concen: 46.96 ng
RT: 13.93 min Scan# 2098
Delta R.T. -0.04 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.8	115.2
141	87.1	68.6	103.0

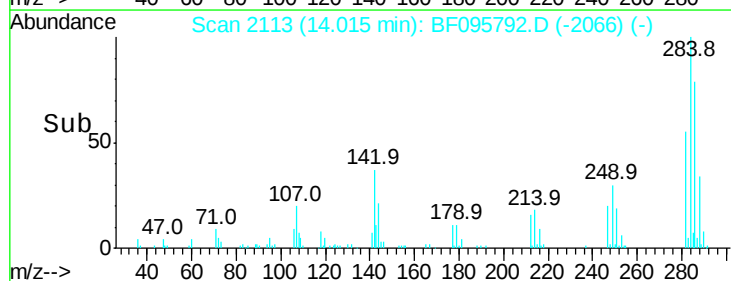
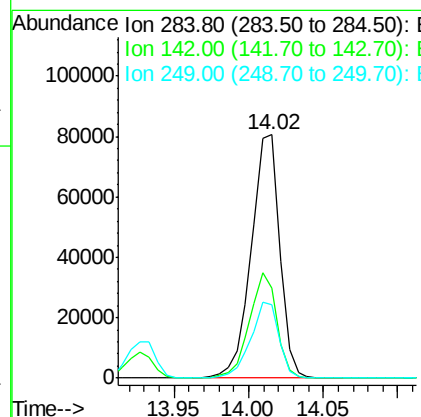
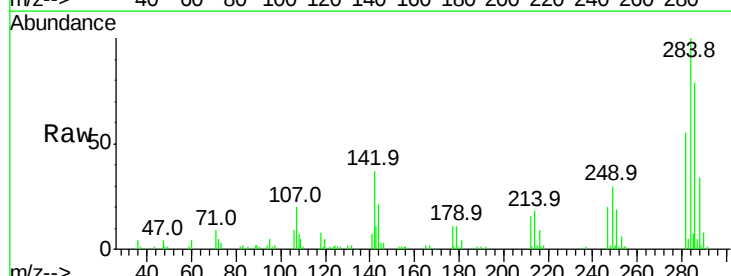
Manual Integrations
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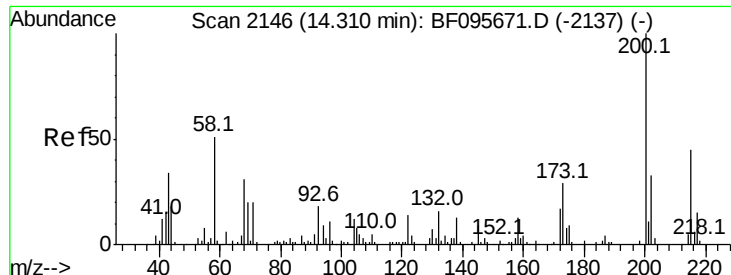
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#67
Hexachlorobenzene
Concen: 46.67 ng
RT: 14.02 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	22.8	34.2#
249	30.1	24.0	36.0





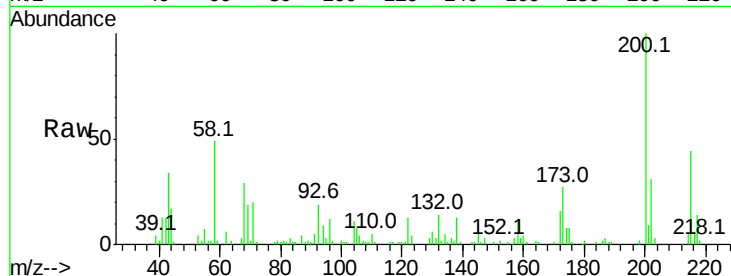
#68
Atrazine
Concen: 49.49 ng
RT: 14.29 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.3	46.3
215	44.2	27.2	67.2

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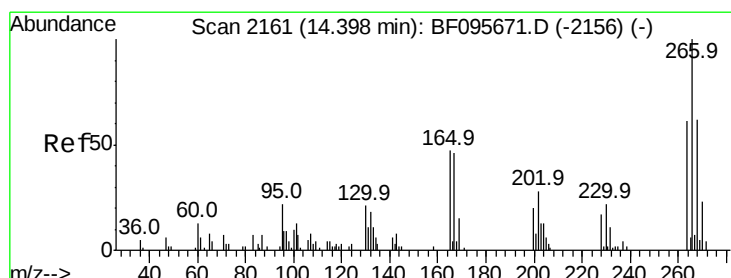
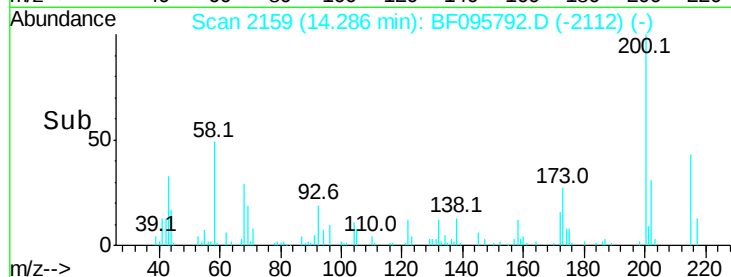
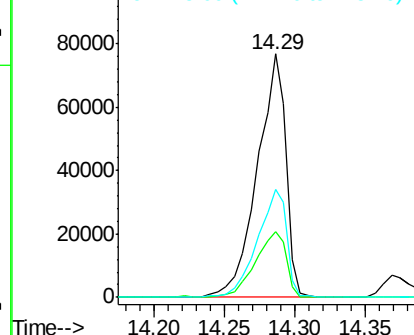


Abundance

Ion 200.00 (199.70 to 200.70): E

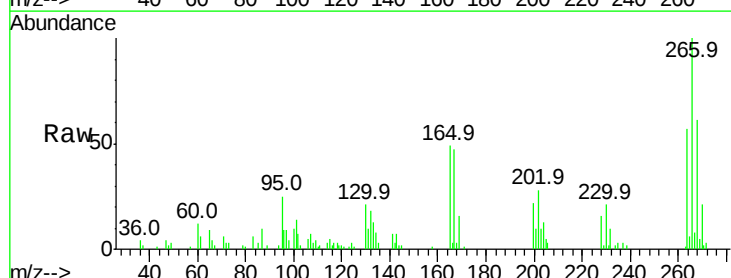
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 70.50 ng
RT: 14.37 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	57.1	51.7	77.5

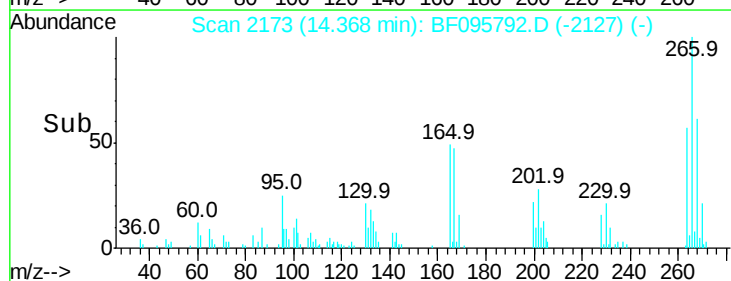
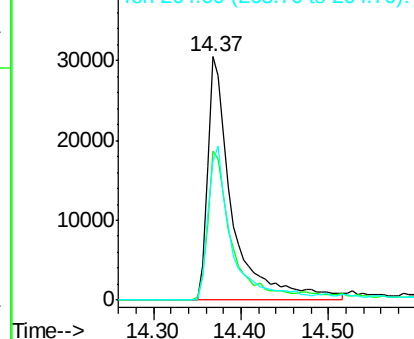


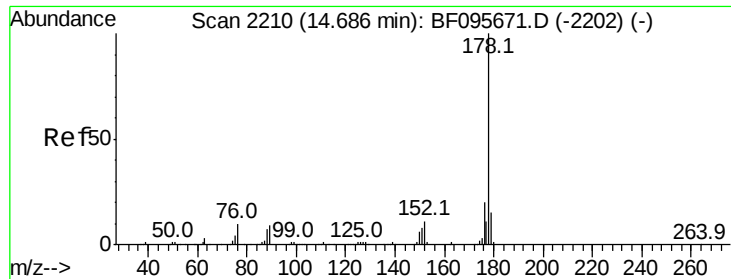
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





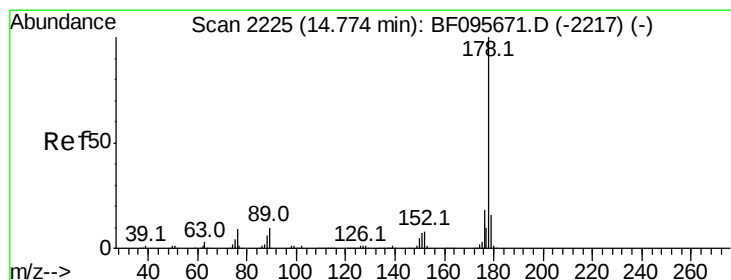
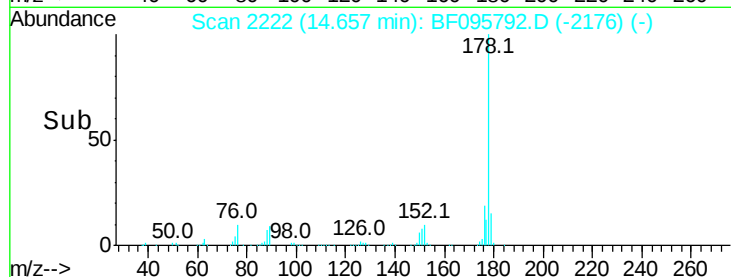
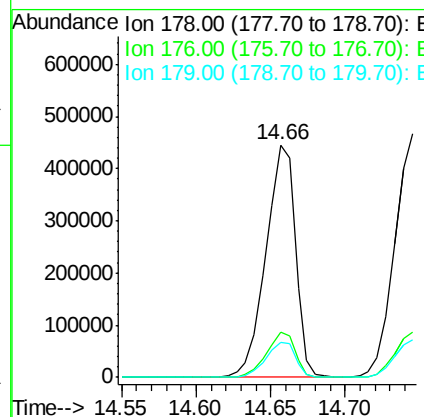
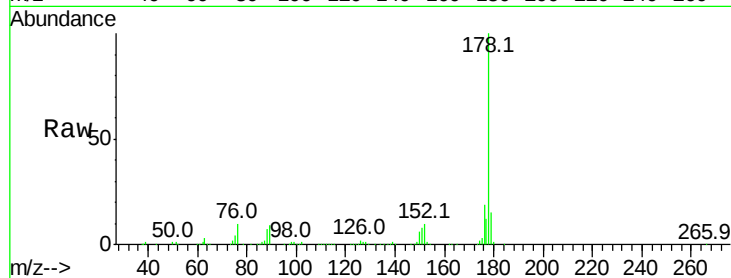
#70
Phenanthrene
Concen: 47.56 ng
RT: 14.66 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.2	12.6	19.0

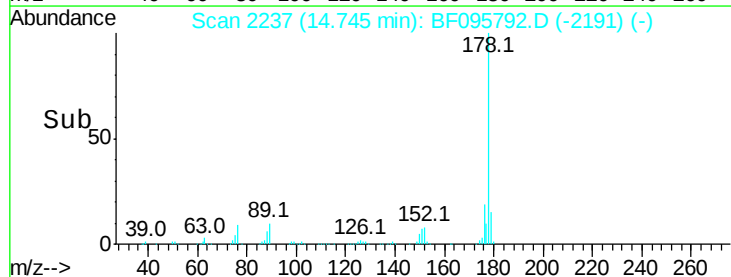
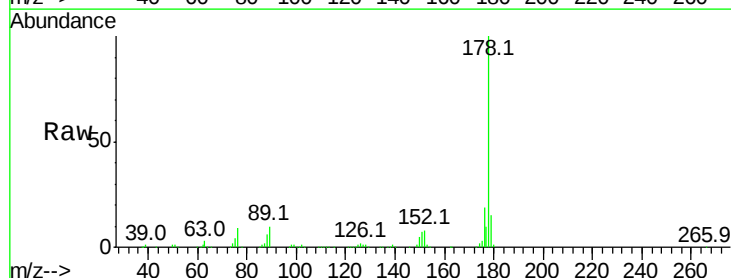
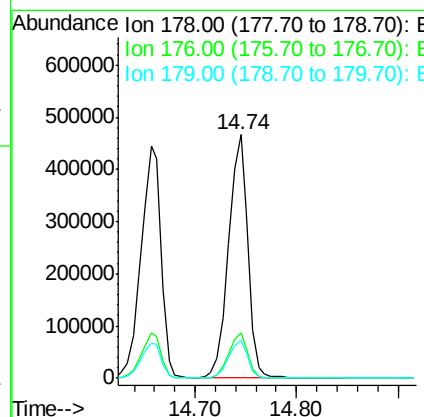
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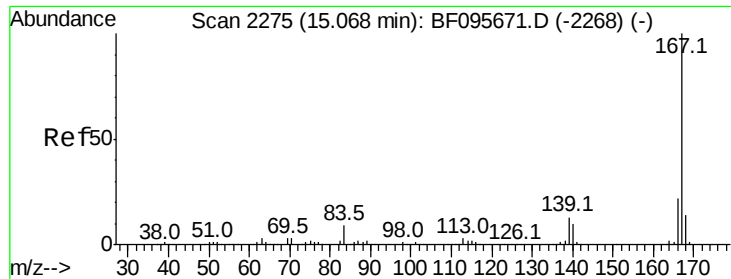
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#71
Anthracene
Concen: 46.19 ng
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	12.7	19.1





#72

Carbazole

Concen: 44.91 ng

RT: 15.04 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

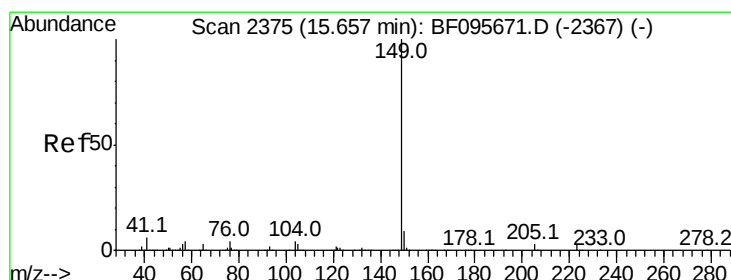
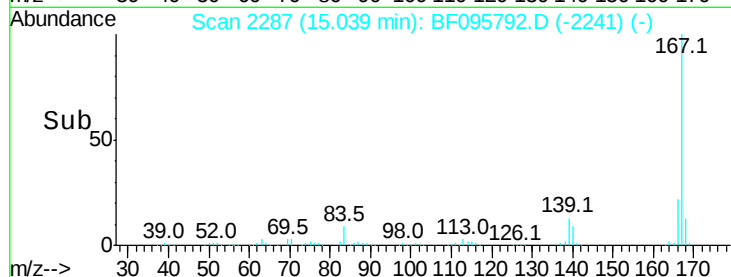
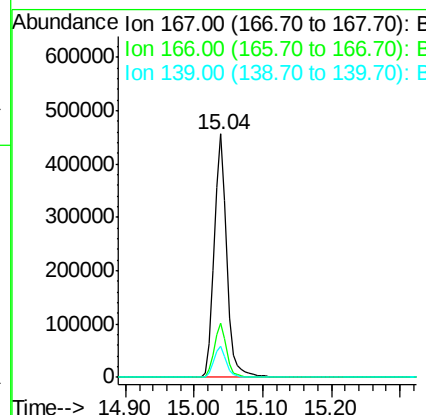
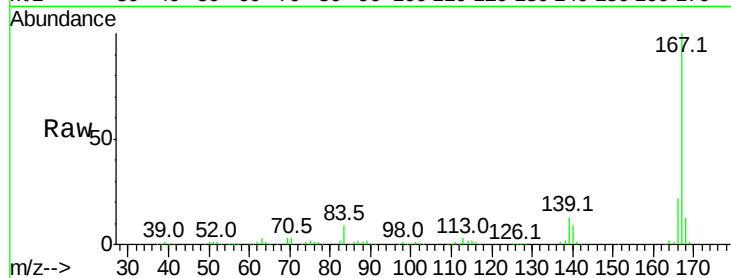
ClientSampleId :

RT-3460MSD

Tot Ion:	167	Resp:	584086
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.1	27.1
139	12.5	11.7	17.5

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#73

Di-n-butylphthalate

Concen: 48.18 ng

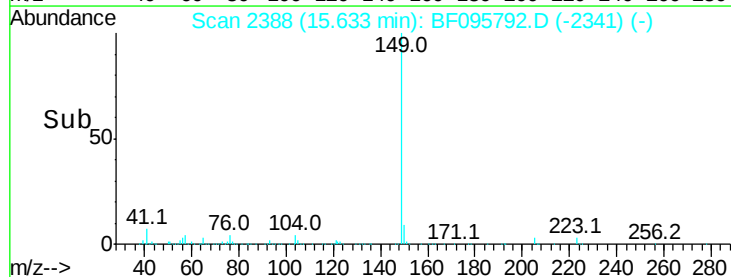
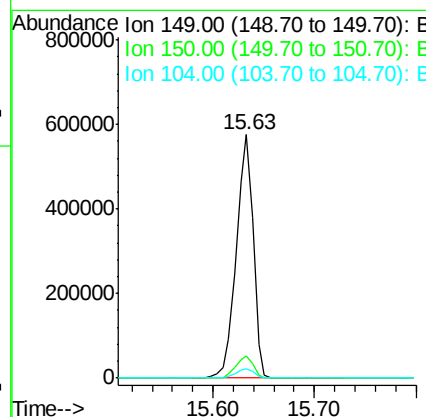
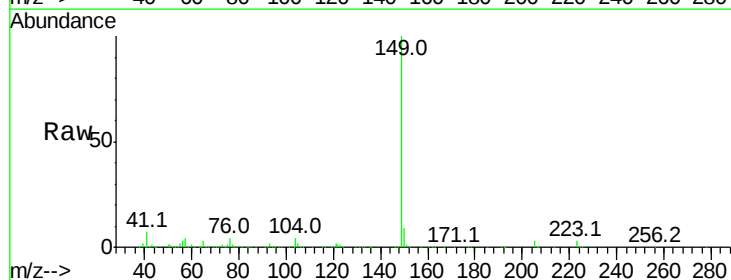
RT: 15.63 min Scan# 2388

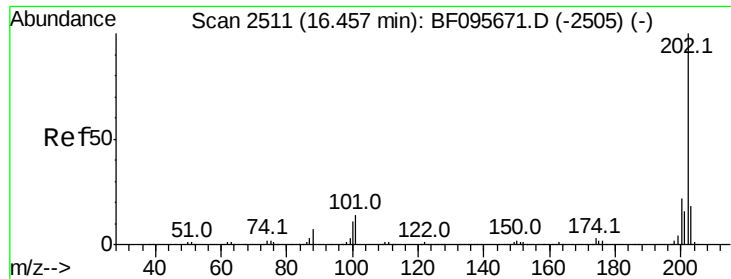
Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:	149	Resp:	666720
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.0	4.0	6.0#





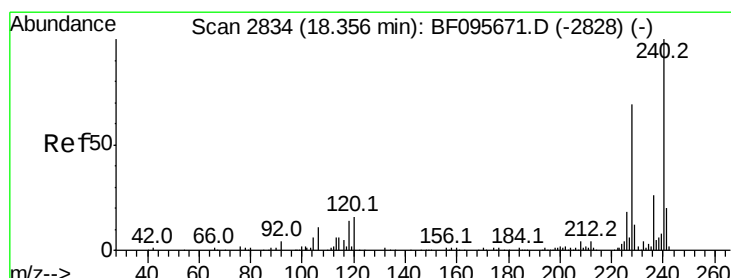
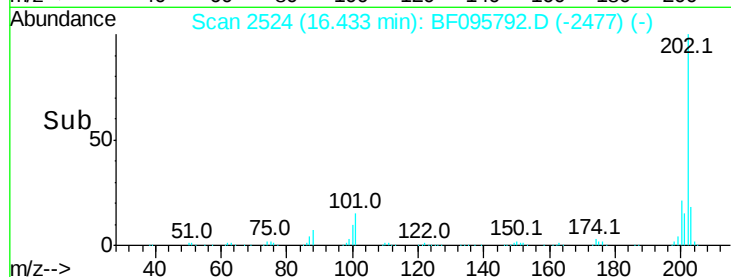
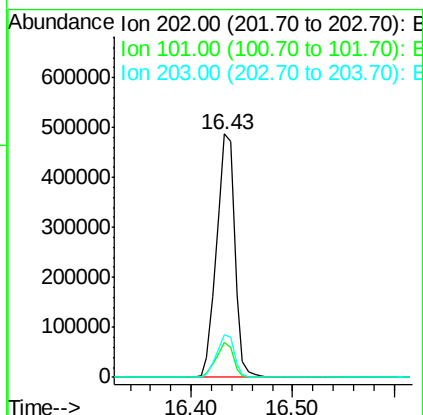
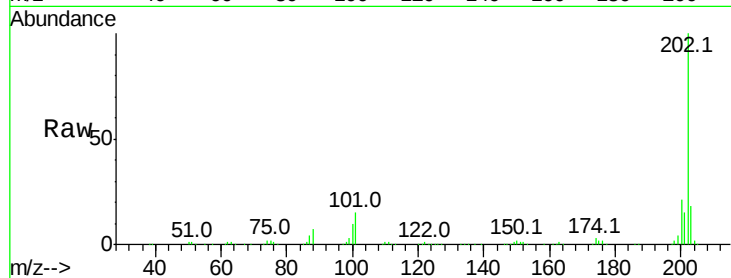
#74
Fluoranthene
 Concen: 48.18 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-3460MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.6	0.0	38.1

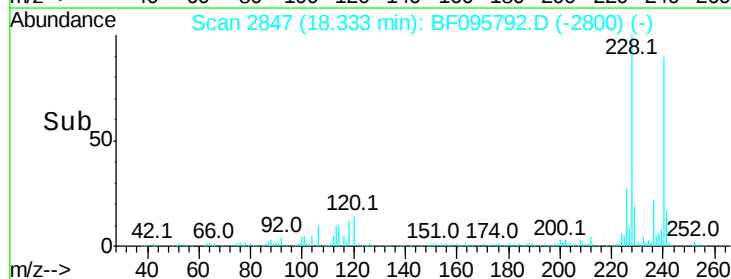
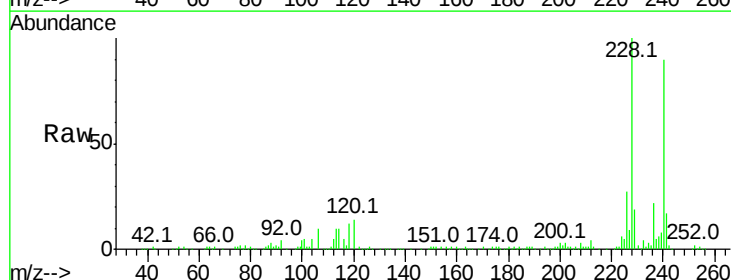
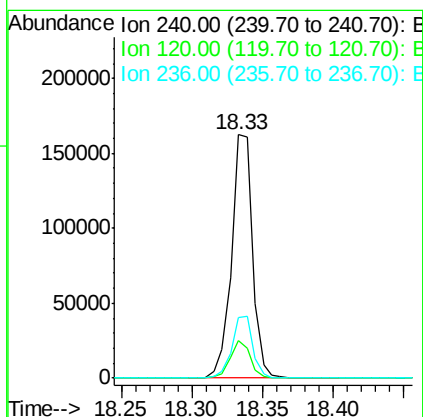
Manual Integrations
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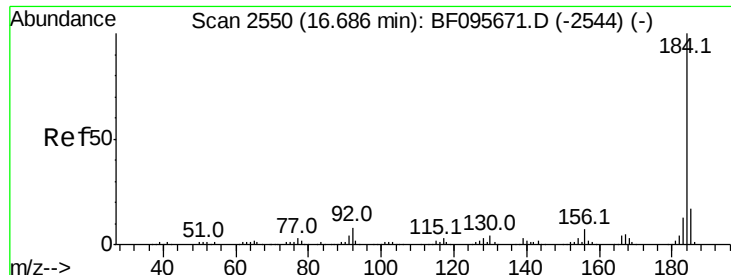
mohammad
 6/9/2017 12:08:55 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.02 min
 Lab File: BF095792.D
 Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	24.8	20.5	30.7





#76

Benzidine

Concen: 35.47 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

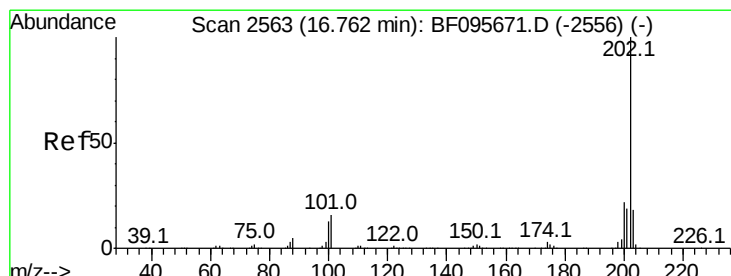
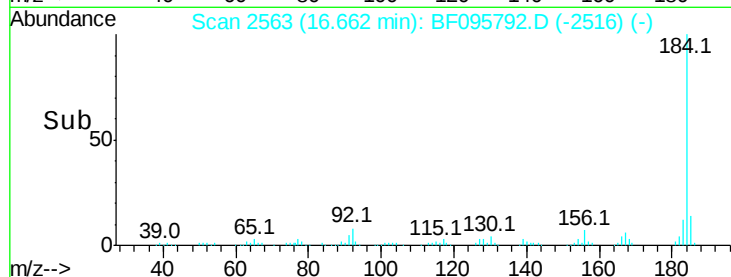
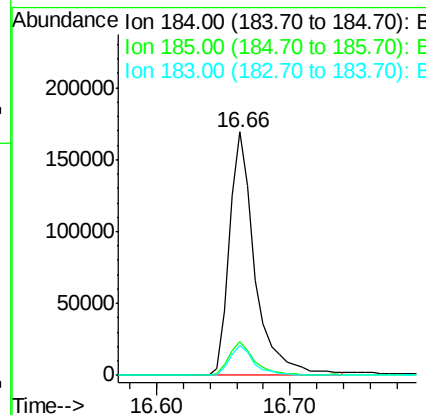
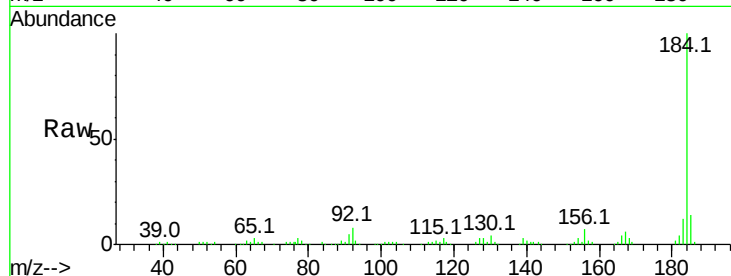
ClientSampleId :

RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	228710		
185	13.7	15.5	23.3	
183	12.2	9.8	14.6	

Manual Integrations
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#77

Pyrene

Concen: 49.56 ng

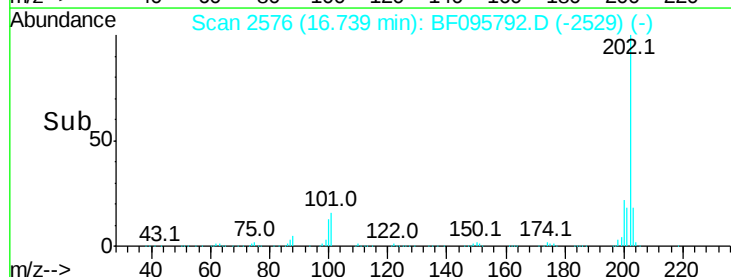
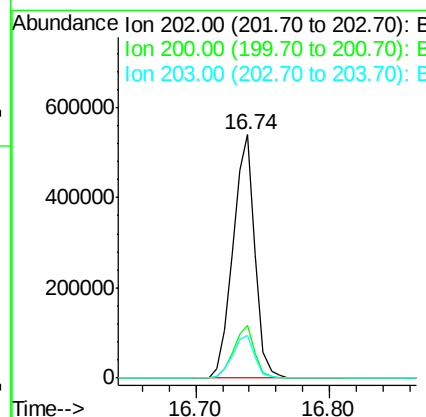
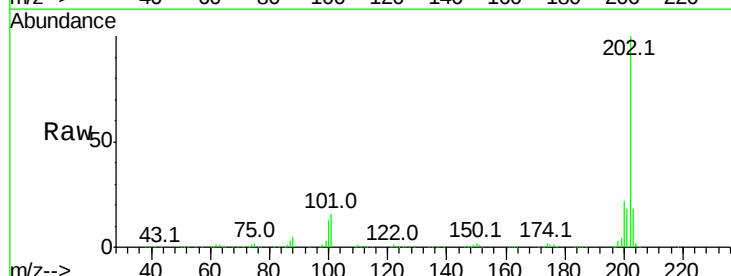
RT: 16.74 min Scan# 2576

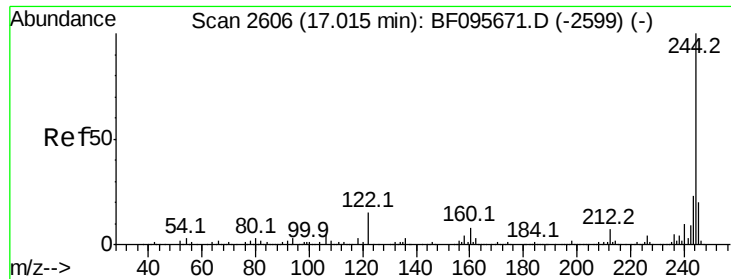
Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	620920		
200	21.6	17.6	26.4	
203	17.7	14.4	21.6	





#78

Terphenyl-d14

Concen: 98.08 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

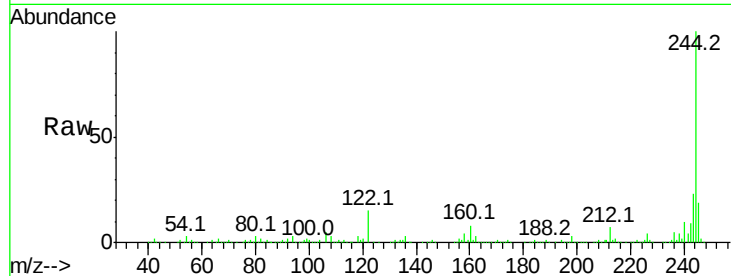
ClientSampleId :

RT-3460MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	6.0	9.0	
122	15.1	10.3	15.5	

Manual Integrations
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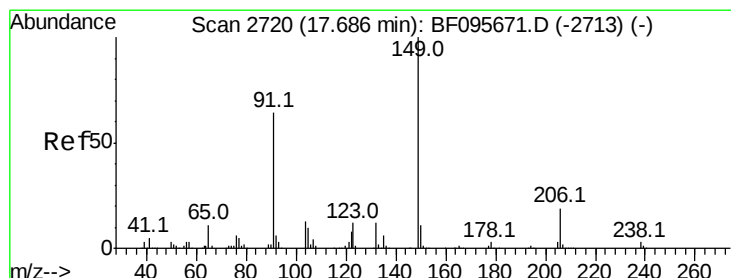
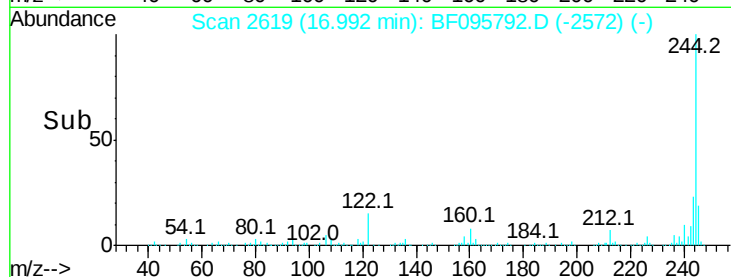
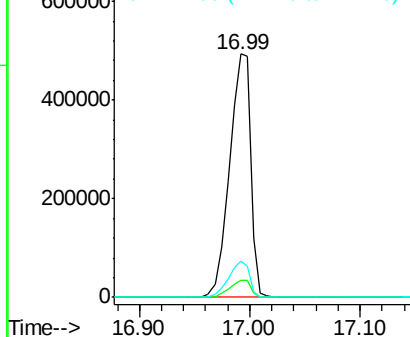
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.62 ng

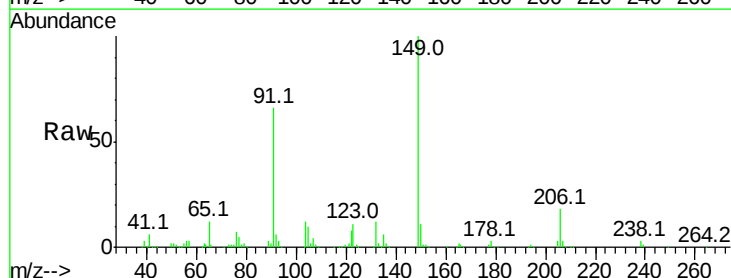
RT: 17.66 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

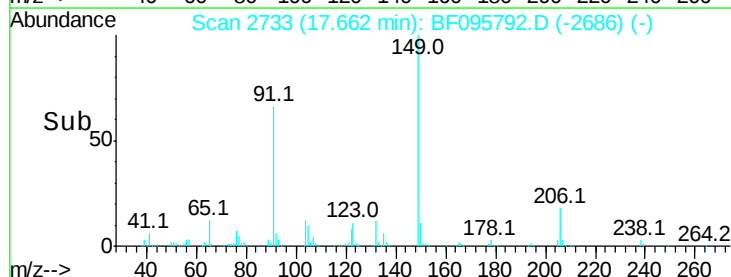
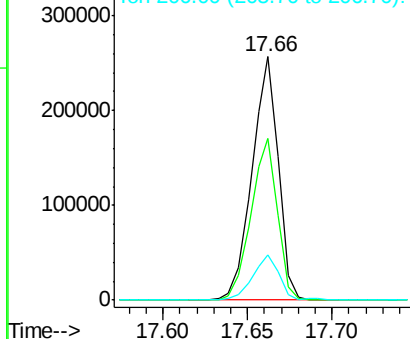
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	66.3	45.0	67.4	
206	18.3	17.0	25.6	

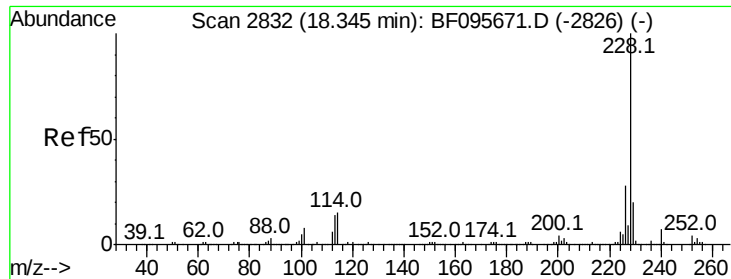


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





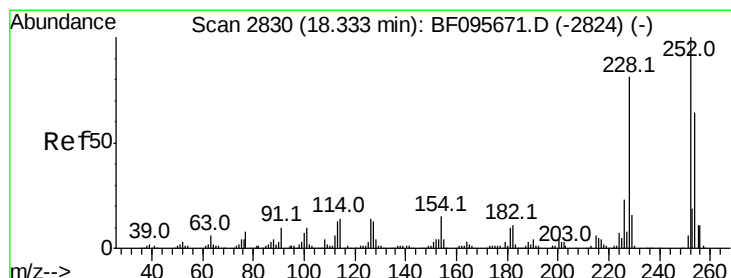
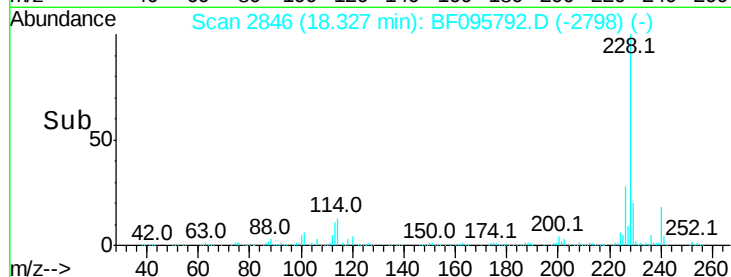
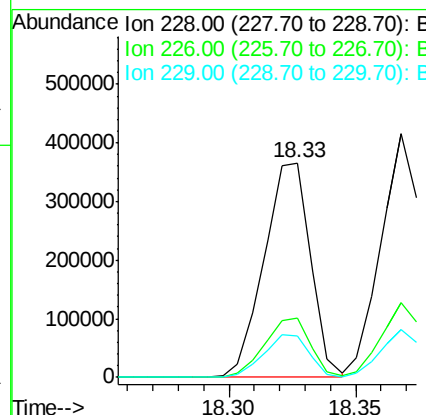
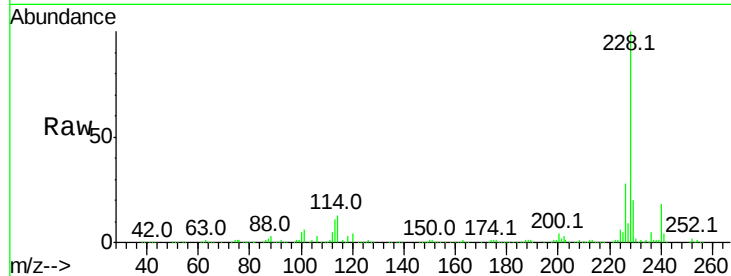
#80
Benzo(a)anthracene
Concen: 47.54 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.6	16.3	24.5

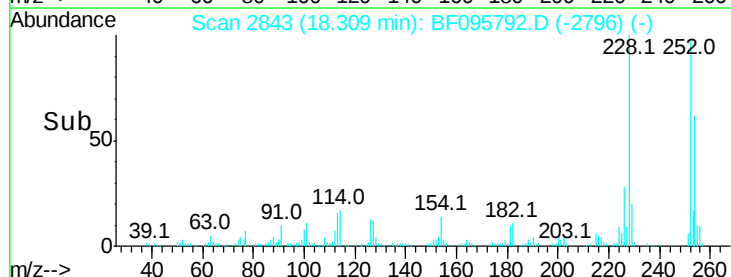
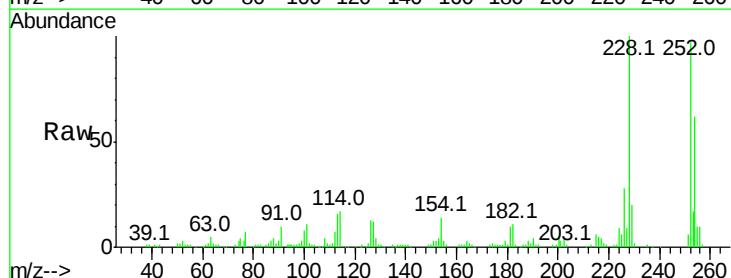
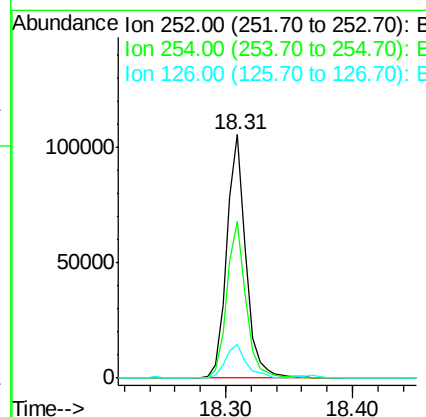
Manual Integrations
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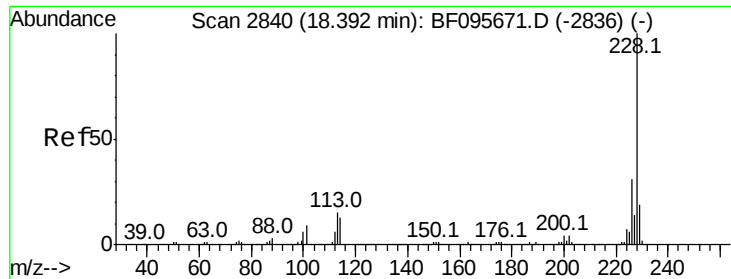
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 32.00 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	13.9	15.8	23.8





#82

Chrysene

Concen: 45.94 ng

RT: 18.37 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

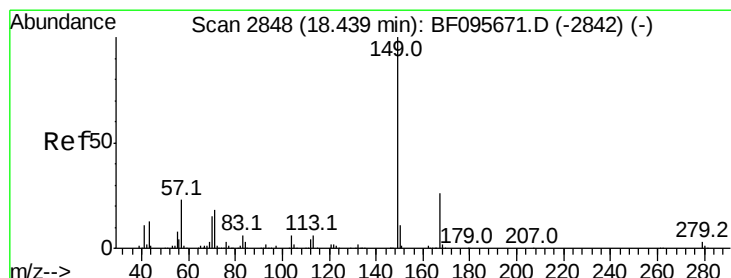
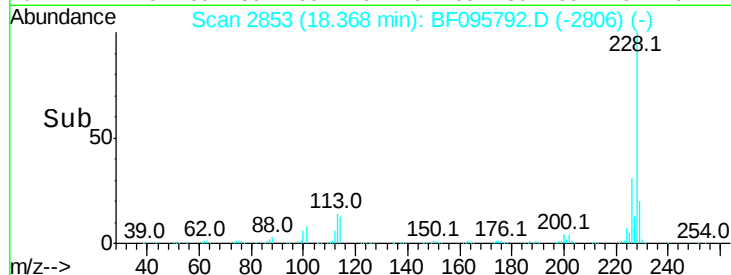
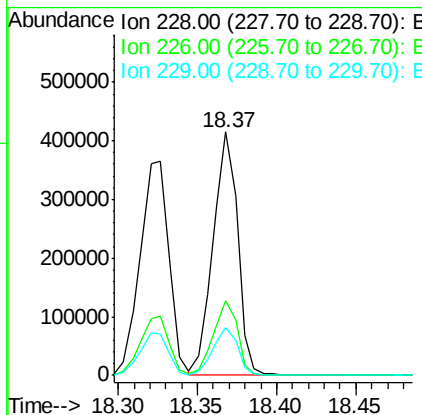
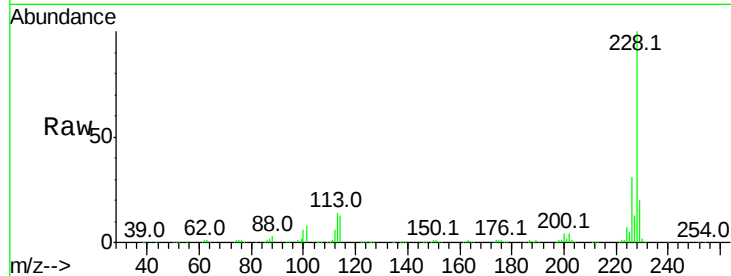
ClientSampled :

RT-3460MSD

Tot Ion:	228	Resp:	448193
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.9	37.3
229	19.5	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 49.96 ng

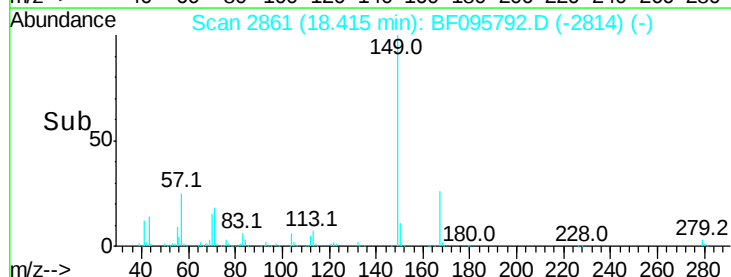
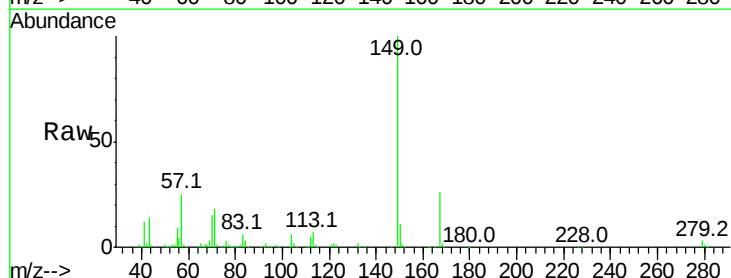
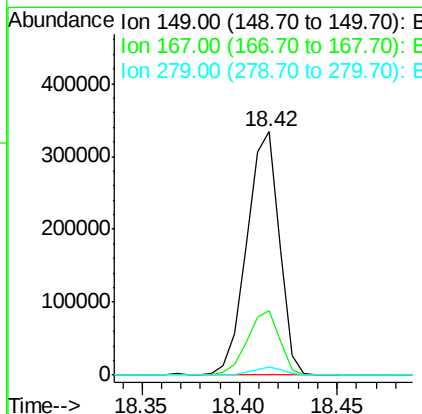
RT: 18.42 min Scan# 2861

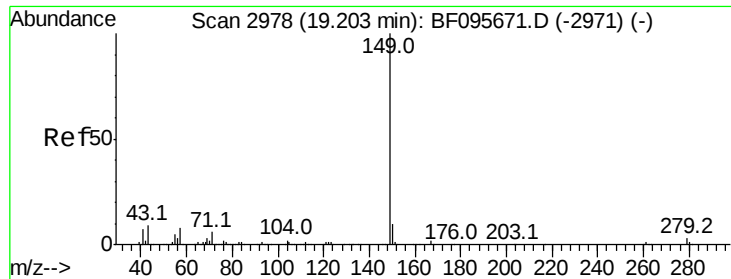
Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Tgt Ion:	149	Resp:	385568
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.0	31.4
279	3.3	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 47.20 ng

RT: 19.18 min Scan# 2991

Delta R.T. -0.02 min

Lab File: BF095792.D

Acq: 8 Jun 2017 19:58

Instrument :

BNA_F

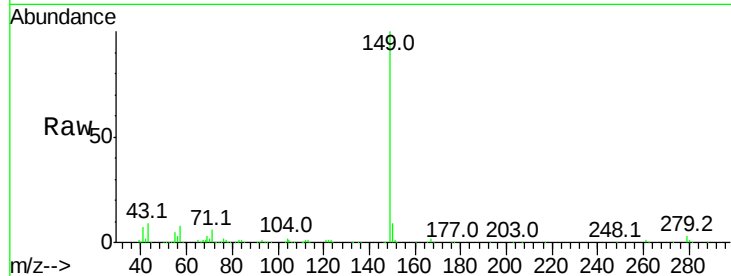
ClientSampleId :

RT-3460MSD

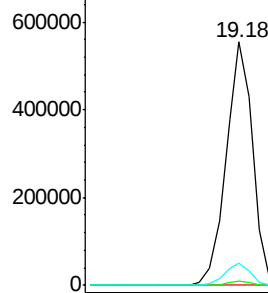
Tot Ion:	149	Resp:	600278
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.9	8.5	12.7

Manual Integrations
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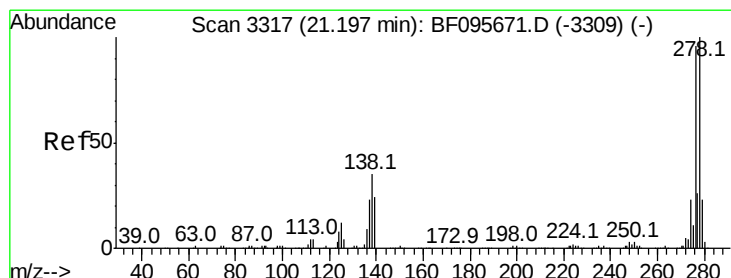
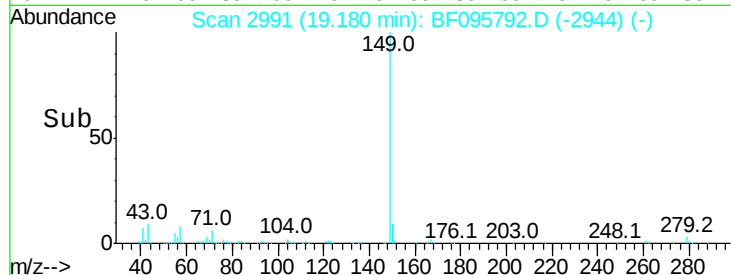
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



Time--> 19.10 19.15 19.20



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.55 ng

RT: 21.17 min Scan# 3330

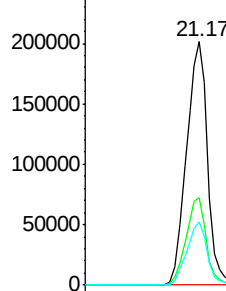
Delta R.T. -0.02 min

Lab File: BF095792.D

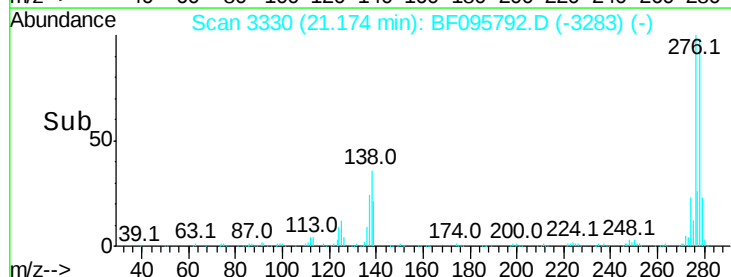
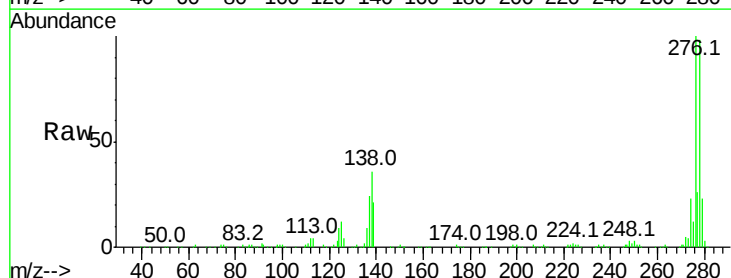
Acq: 8 Jun 2017 19:58

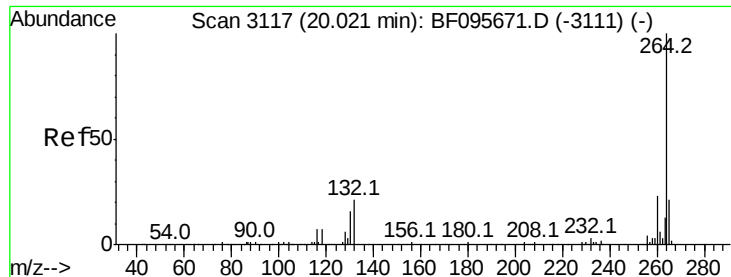
Tgt Ion:	276	Resp:	355110
Ion Ratio	Lower	Upper	
276	100		
138	34.9	27.8	41.6
277	25.3	20.2	30.4

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



Time--> 21.10 21.20 21.30





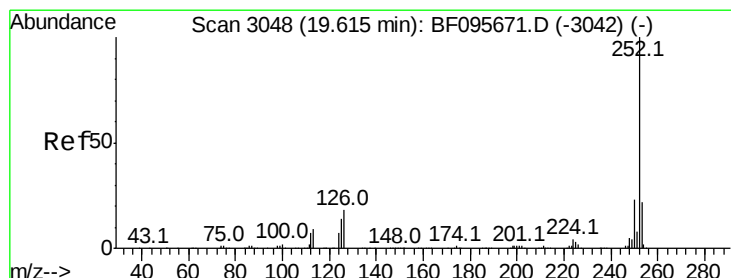
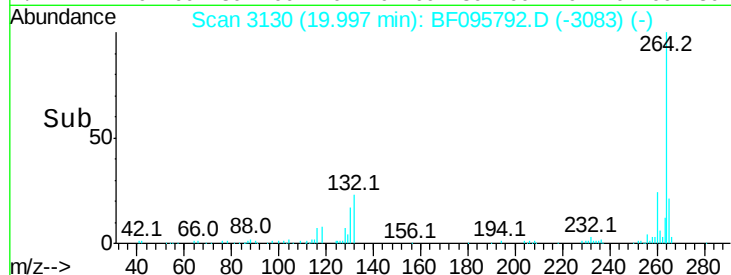
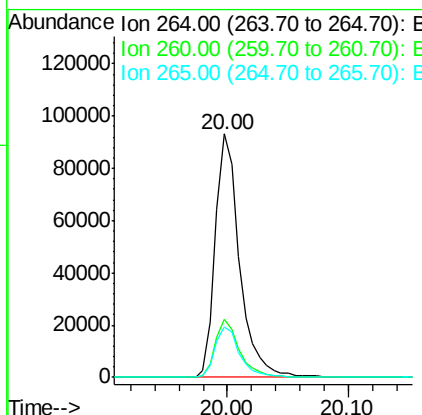
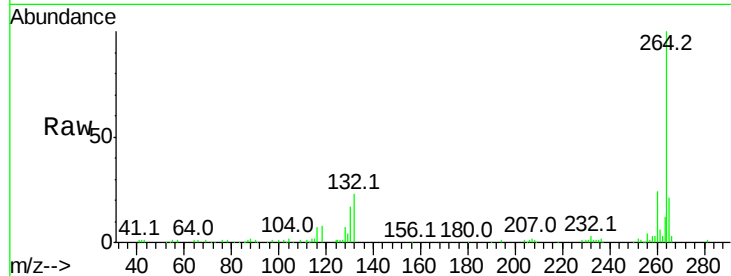
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	17.2	25.8

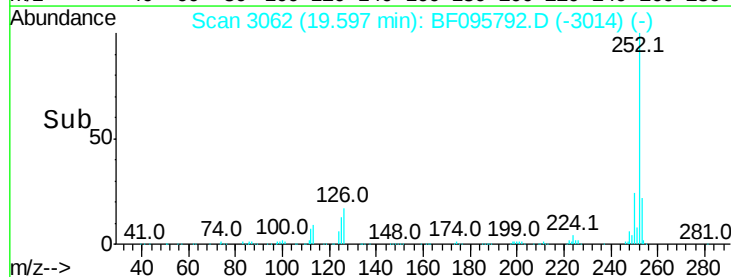
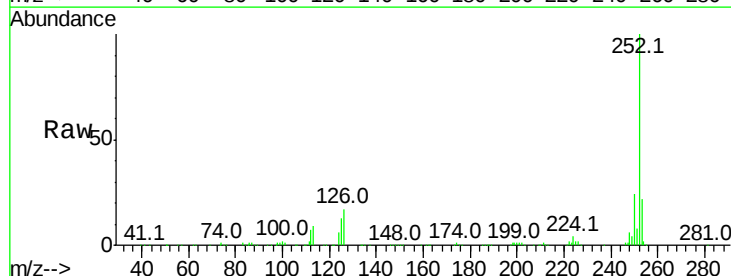
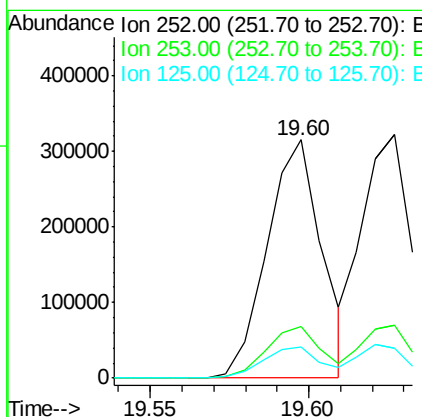
Manual Integrations
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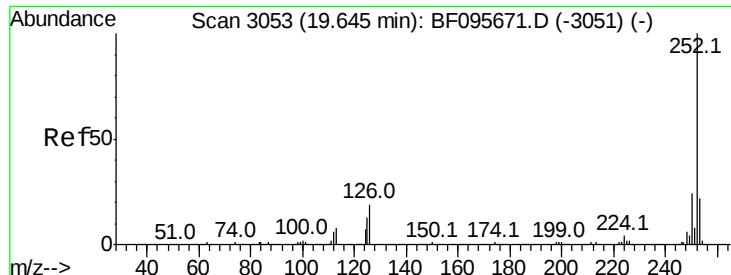
mohammad
6/9/2017 12:08:55 PM



#87
Benzo(b)fluoranthene
Concen: 46.81 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	12.8	9.8	14.8





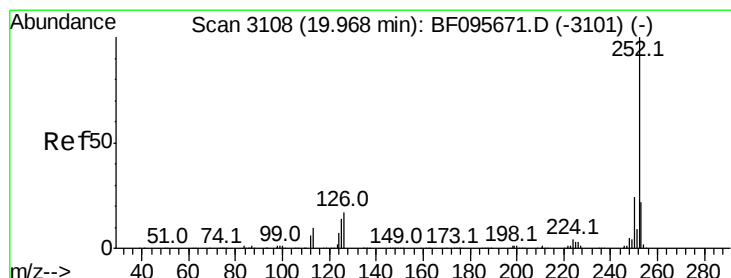
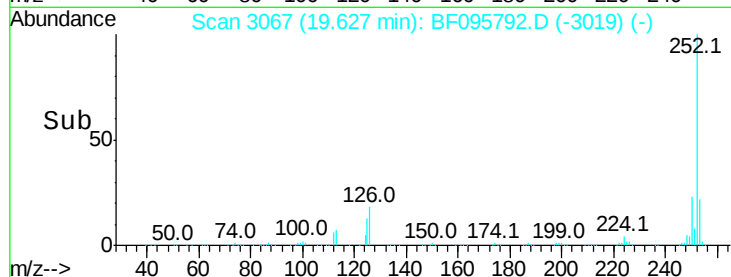
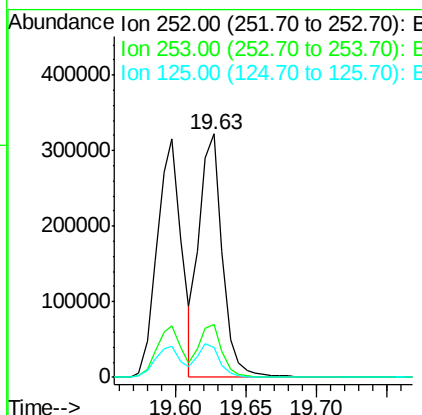
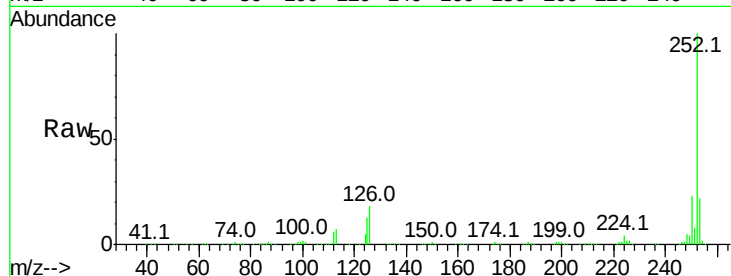
#88
Benzo(k)fluoranthene
Concen: 47.37 ng
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.5	13.1	19.7#

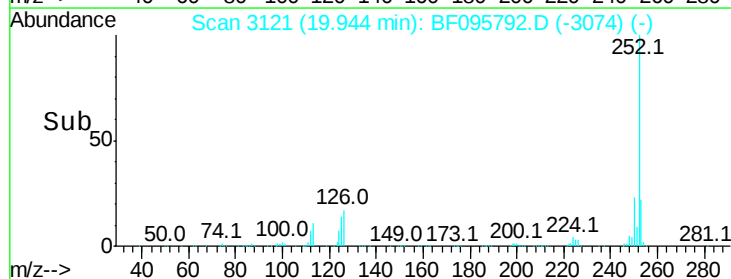
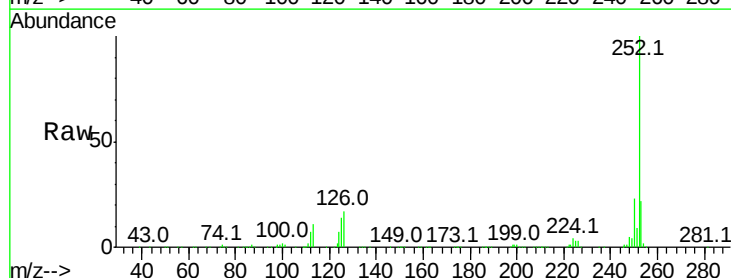
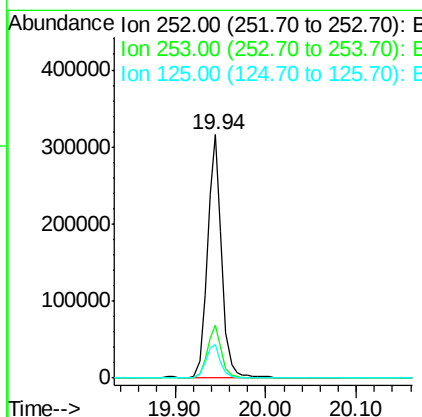
Manual Integrations
APPROVED

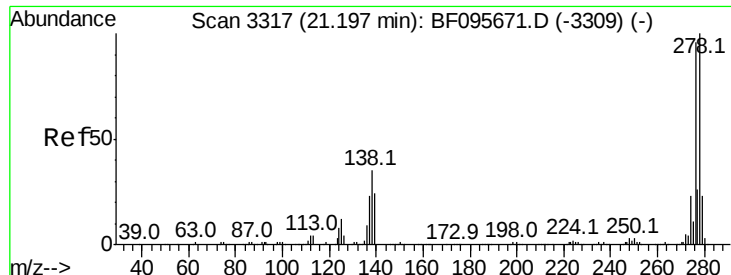
mohammad
6/9/2017 12:08:55 PM



#89
Benzo(a)pyrene
Concen: 46.82 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	13.9	11.0	16.4





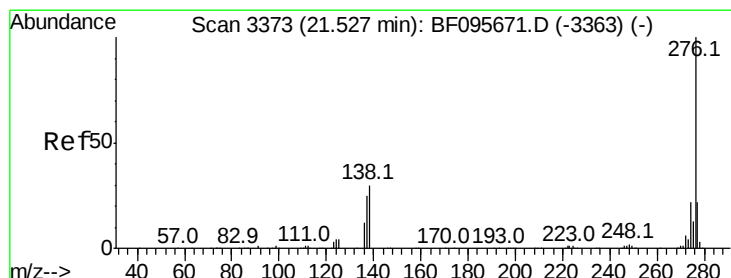
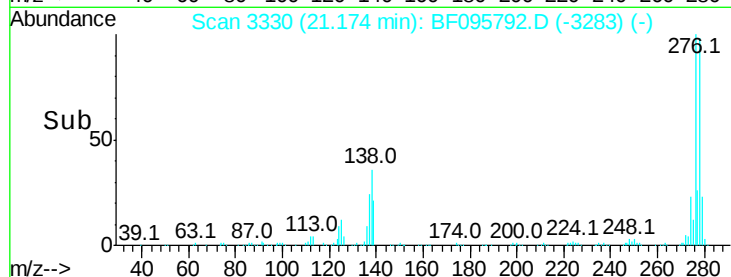
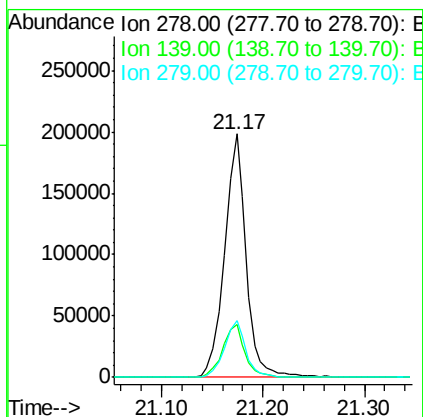
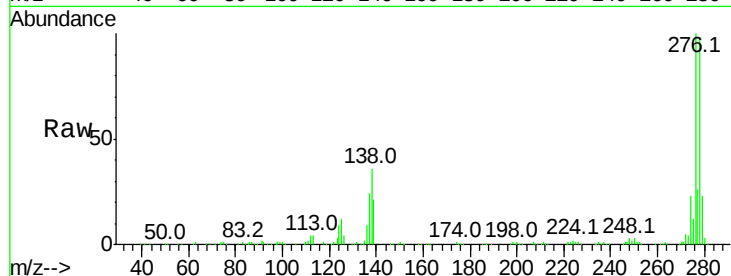
#90
Dibenzo(a,h)anthracene
Concen: 46.43 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Instrument :
BNA_F
ClientSampleId :
RT-3460MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	23.5	19.3	28.9

Manual Integrations
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mohammad
6/9/2017 12:08:55 PM



#91
Benzo(g,h,i)perylene
Concen: 47.68 ng
RT: 21.50 min Scan# 3385
Delta R.T. -0.03 min
Lab File: BF095792.D
Acq: 8 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	32.1	25.4	38.0

