

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
 Data File : BF095369.D
 Acq On : 24 May 2017 3:14
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:23 PM

Quant Time: May 24 04:57:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	119859	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	499520	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	199331	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	353897	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	208551	20.00	ng	-0.01
86) Perylene-d12	20.36	264	233735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	633101	88.06	ng	-0.02
7) Phenol-d6	7.30	99	731011	84.75	ng	-0.01
23) Nitrobenzene-d5	8.67	82	683459	86.28	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	142734	87.44	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1128947	81.52	ng	-0.01
78) Terphenyl-d14	17.33	244	919979	97.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	142238	40.34	ng	92
3) Pyridine	2.88	79	321537	39.35	ng	97
4) n-Nitrosodimethylamine	2.81	42	119739m	35.15	ng	
6) Aniline	7.26	93	495827	45.53	ng	96
8) 2-Chlorophenol	7.45	128	358178	43.77	ng	96
9) Benzaldehyde	7.08	77	192842	36.61	ng	97
10) Phenol	7.32	94	351477	38.67	ng	89
11) bis(2-Chloroethyl)ether	7.39	93	314437	41.90	ng	96
12) 1,3-Dichlorobenzene	7.65	146	410998	44.28	ng	97
13) 1,4-Dichlorobenzene	7.78	146	415707	44.16	ng	96
14) 1,2-Dichlorobenzene	8.01	146	387141	44.06	ng	96
15) Benzyl Alcohol	8.05	79	266127	47.97	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	412786	38.87	ng	95
17) 2-Methylphenol	8.25	107	283110	42.28	ng	99
18) Hexachloroethane	8.52	117	136105	42.68	ng	# 83
19) n-Nitroso-di-n-propylamine	8.47	70	257345	44.11	ng	94
20) 3+4-Methylphenols	8.51	107	393840	43.28	ng	# 59
22) Acetophenone	8.43	105	496827	41.45	ng	# 84
24) Nitrobenzene	8.69	77	354407	42.68	ng	94
25) Isophorone	9.10	82	643998	45.53	ng	95
26) 2-Nitrophenol	9.20	139	200067	44.65	ng	99
27) 2,4-Dimethylphenol	9.33	122	321035	44.32	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	435607	44.52	ng	100
29) 2,4-Dichlorophenol	9.62	162	291721	42.65	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	312115	42.59	ng	98
31) Naphthalene	9.81	128	1063295	42.35	ng	100
32) Benzoic acid	9.67	122	165993	36.29	ng	93
33) 4-Chloroaniline	9.95	127	418908	44.77	ng	# 92
34) Hexachlorobutadiene	10.02	225	161027	41.65	ng	100
35) Caprolactam	10.59	113	72499m	35.30	ng	
36) 4-Chloro-3-methylphenol	10.81	107	279262	38.19	ng	89
37) 2-Methylnaphthalene	10.93	142	626730	38.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	260752	42.54	ng	99
40) Hexachlorocyclopentadiene	11.18	237	59270	27.31	ng	100

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Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

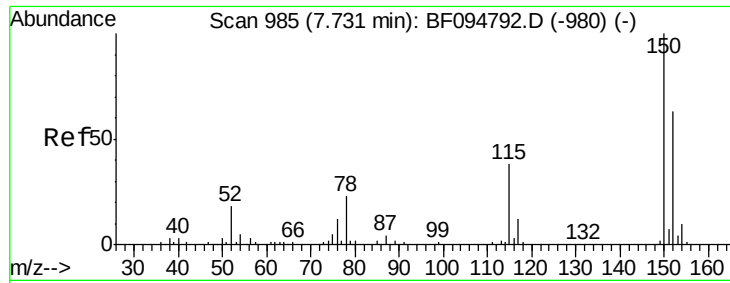
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	176714	43.18	ng	99
43) 2,4,5-Trichlorophenol	11.54	196	169345	38.50	ng #	94
45) 1,1'-Biphenyl	11.70	154	721817	43.01	ng	98
46) 2-Chloronaphthalene	11.72	162	571703	42.19	ng	95
47) 2-Nitroaniline	11.94	65	159785	43.08	ng #	77
48) Acenaphthylene	12.37	152	880503	41.48	ng	98
49) Dimethylphthalate	12.25	163	678684	41.47	ng	99
50) 2,6-Dinitrotoluene	12.35	165	143869	43.09	ng	97
51) Acenaphthene	12.66	154	526590	41.54	ng	99
52) 3-Nitroaniline	12.62	138	153615	42.87	ng	87
53) 2,4-Dinitrophenol	12.85	184	44154	28.38	ng #	70
54) Dibenzofuran	12.95	168	792524	45.17	ng	96
55) 4-Nitrophenol	13.04	139	79370	36.88	ng #	79
56) 2,4-Dinitrotoluene	13.02	165	204217	47.61	ng	93
57) Fluorene	13.50	166	660898	43.32	ng	97
58) 2,3,4,6-Tetrachlorophenol	13.19	232	120723	43.61	ng #	95
59) Diethylphthalate	13.39	149	714166	45.53	ng	98
60) 4-Chlorophenyl-phenylether	13.52	204	299860	44.73	ng	88
61) 4-Nitroaniline	13.62	138	126665	38.51	ng	95
62) Azobenzene	13.78	77	569084	45.15	ng	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	78809	33.22	ng #	71
65) n-Nitrosodiphenylamine	13.73	169	572124	44.54	ng	99
66) 4-Bromophenyl-phenylether	14.31	248	170444	45.59	ng	99
67) Hexachlorobenzene	14.40	284	168786	44.05	ng #	88
68) Atrazine	14.65	200	163339	45.04	ng	97
69) Pentachlorophenol	14.76	266	75244	46.11	ng	97
70) Phenanthrene	15.05	178	881581	43.36	ng	98
71) Anthracene	15.13	178	904353	43.54	ng	99
72) Carbazole	15.41	167	791839	41.90	ng	97
73) Di-n-butylphthalate	15.97	149	1096441	46.52	ng	98
74) Fluoranthene	16.79	202	752572	36.08	ng	99
76) Benzidine	17.02	184	270902	48.03	ng #	93
77) Pyrene	17.09	202	748466m	47.99	ng	
79) Butylbenzylphthalate	17.99	149	357747	49.31	ng	94
80) Benzo(a)anthracene	18.67	228	507942	41.85	ng	98
81) 3,3'-Dichlorobenzidine	18.65	252	173915	41.49	ng #	95
82) Chrysene	18.72	228	522710	44.54	ng	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	494820	47.87	ng #	100
84) Di-n-octyl phthalate	19.50	149	760888	44.90	ng	97
85) Indeno(1,2,3-cd)pyrene	21.68	276	512277	53.75	ng	99
87) Benzo(b)fluoranthene	19.95	252	514156	35.60	ng	99
88) Benzo(k)fluoranthene	19.98	252	603169	43.30	ng	95
89) Benzo(a)pyrene	20.30	252	558842	41.93	ng	99
90) Dibenzo(a,h)anthracene	21.69	278	452127	41.08	ng	99
91) Benzo(g,h,i)perylene	22.07	276	433748	40.16	ng	98

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



#1

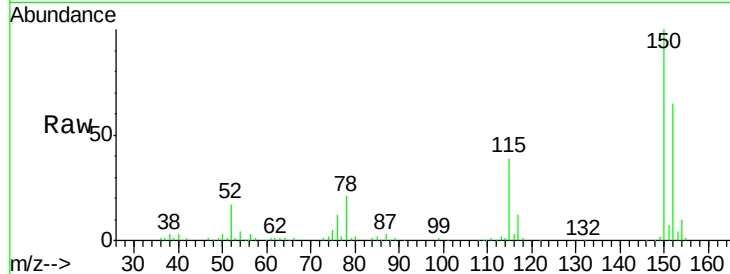
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

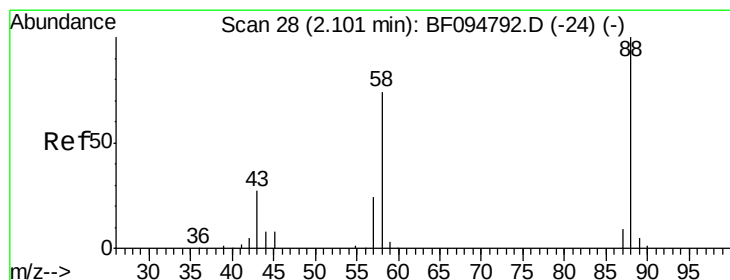
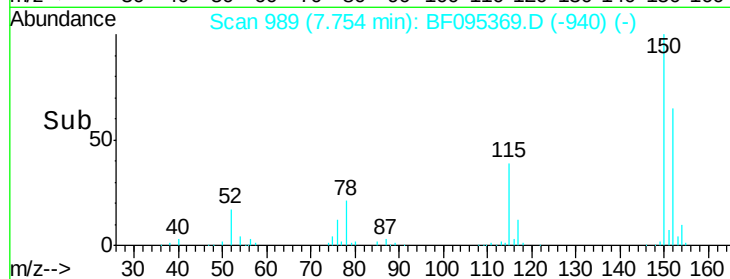
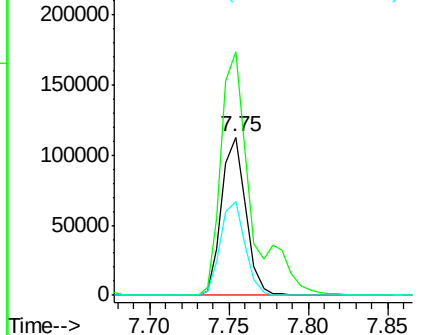
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	59.4	52.2	78.2

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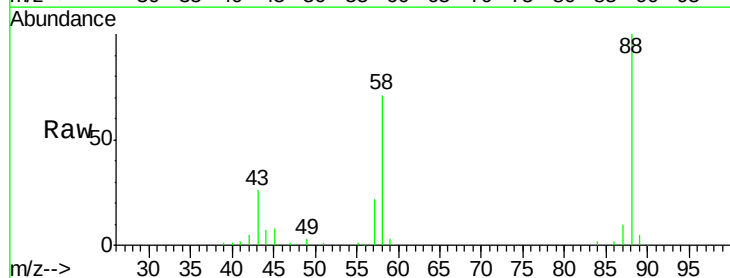
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



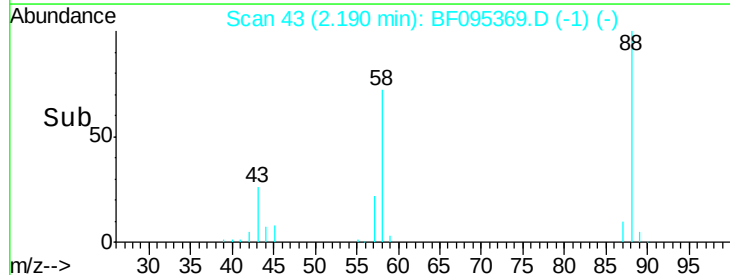
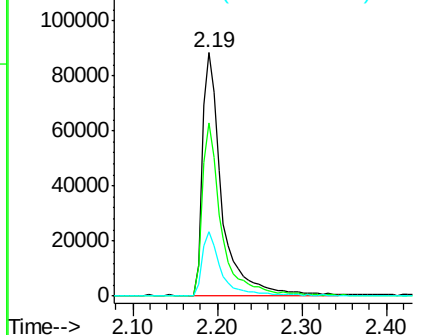
#2

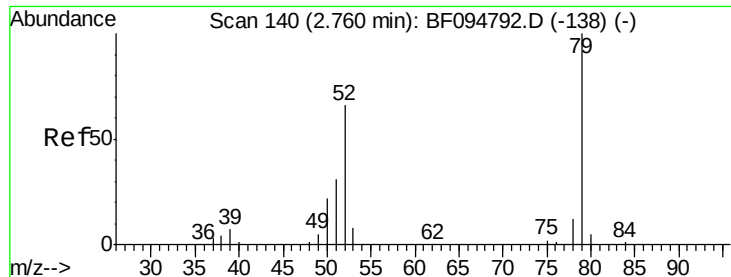
1,4-Dioxane
Concen: 40.34 ng
RT: 2.19 min Scan# 43
Delta R.T. -0.04 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	61.4	92.0
43	25.6	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

Pyridine

Concen: 39.35 ng

RT: 2.88 min Scan# 161

Delta R.T. -0.04 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

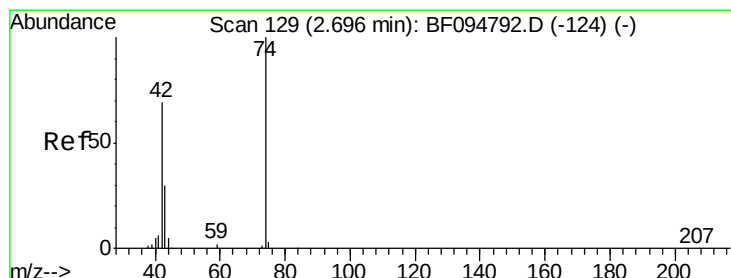
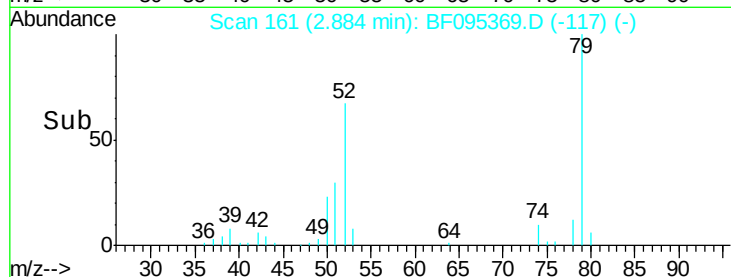
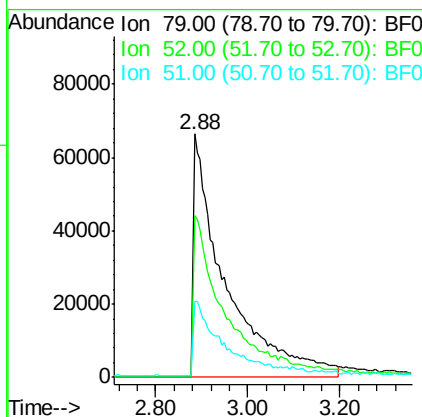
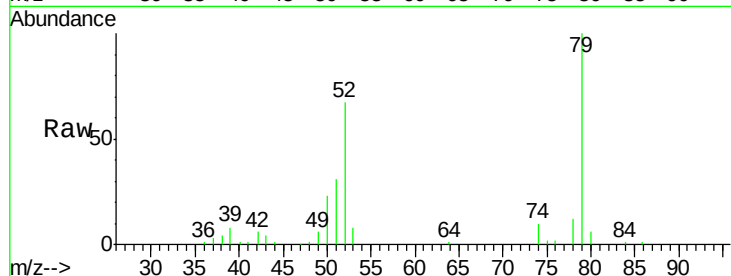
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	321537
Ion	Ratio	Lower	Upper
79	100		
52	66.6	54.8	82.2
51	31.1	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 35.15 ng m

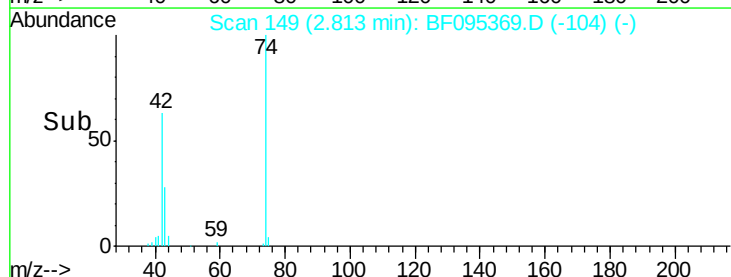
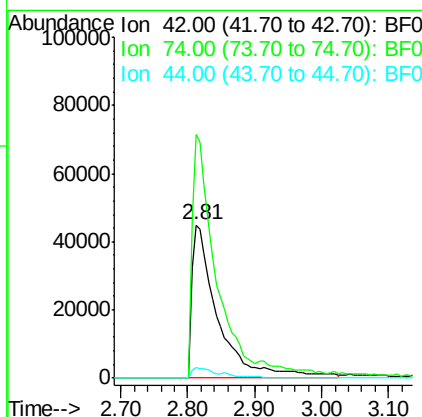
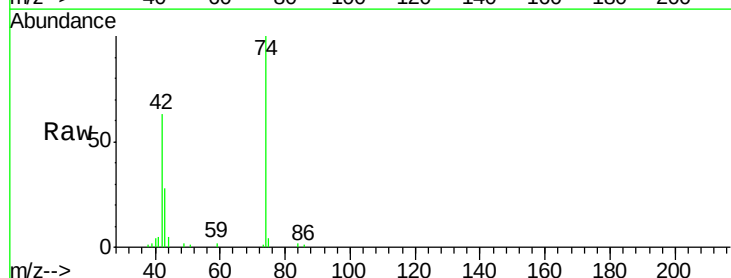
RT: 2.81 min Scan# 149

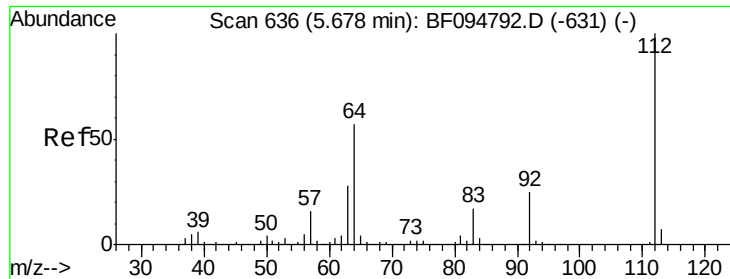
Delta R.T. -0.04 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	42	Resp:	119739
Ion	Ratio	Lower	Upper
42	100		
74	158.9	103.9	155.9#
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 88.06 ng

RT: 5.71 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

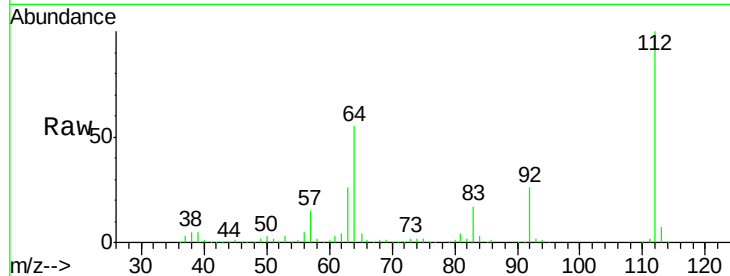
ClientSampleId :

SSTDCCC040

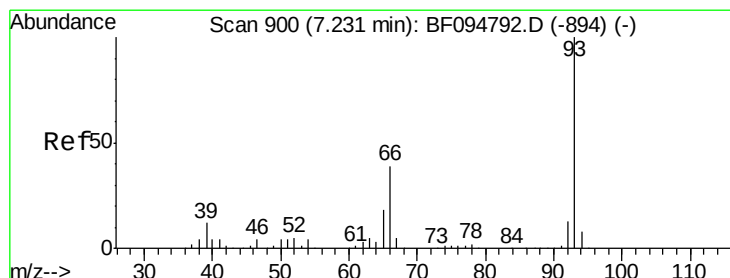
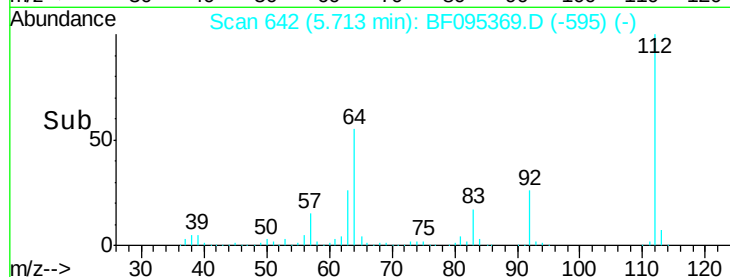
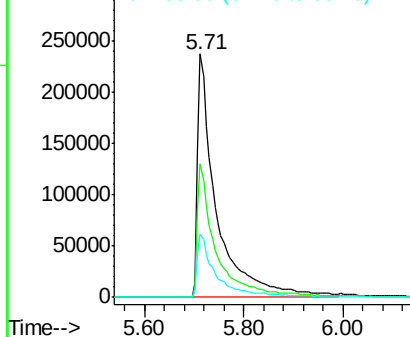
Tgt Ion:	112	Resp:	633101
Ion Ratio	Lower	Upper	
112	100		
64	55.1	46.0	69.0
63	25.9	23.4	35.0

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Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 45.53 ng

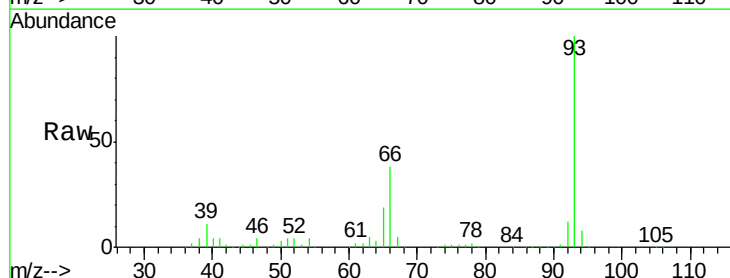
RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

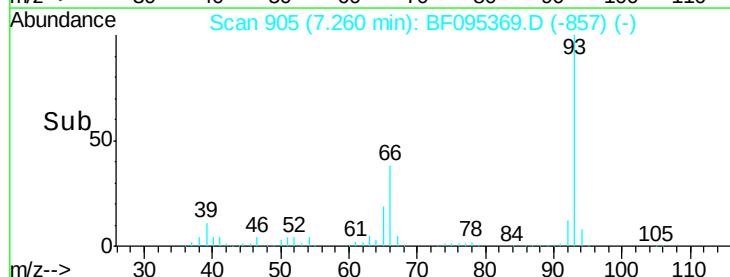
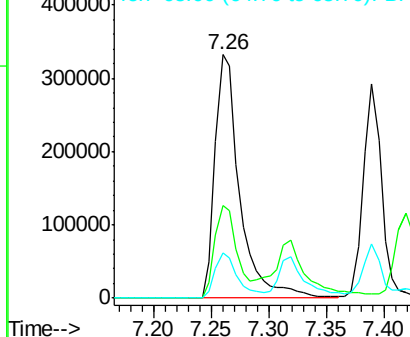
Lab File: BF095369.D

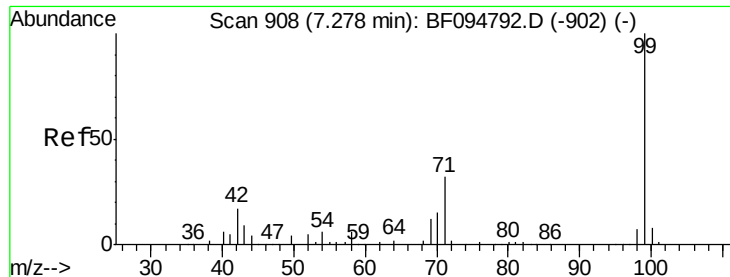
Acq: 24 May 2017 3:14

Tgt Ion:	93	Resp:	495827
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.9	49.3
65	18.7	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.75 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

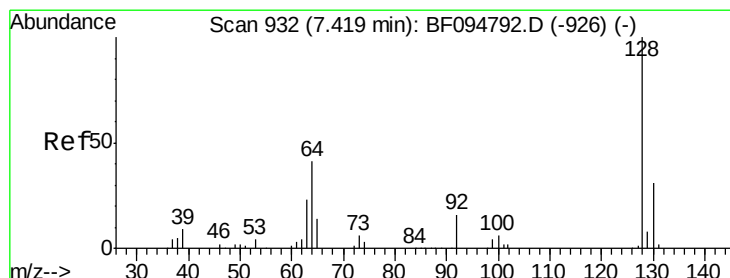
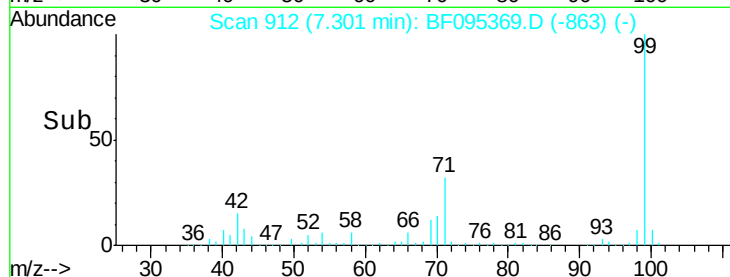
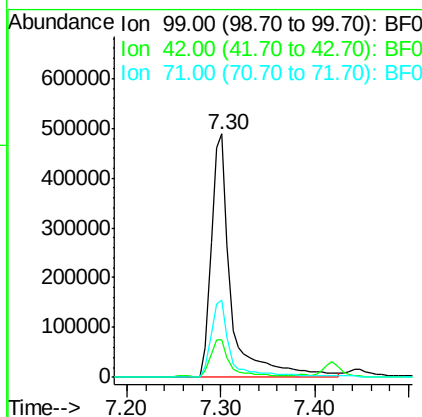
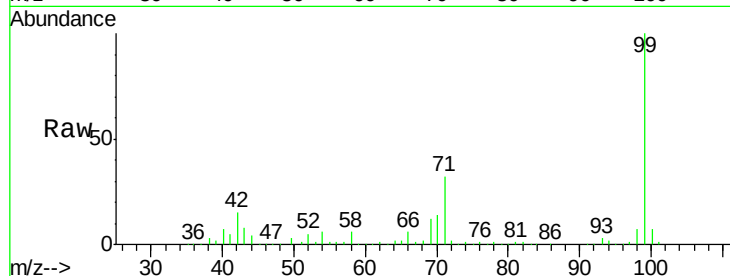
ClientSampleId :

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Tgt Ion:	99	Resp:	731011
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	31.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.77 ng

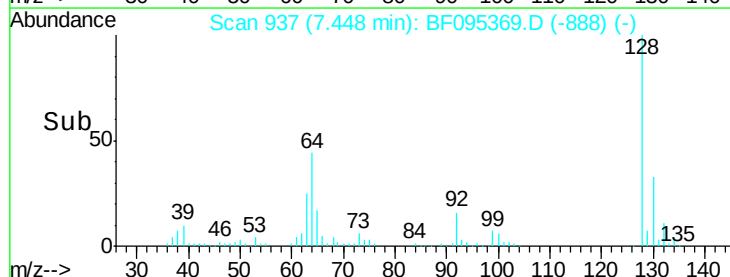
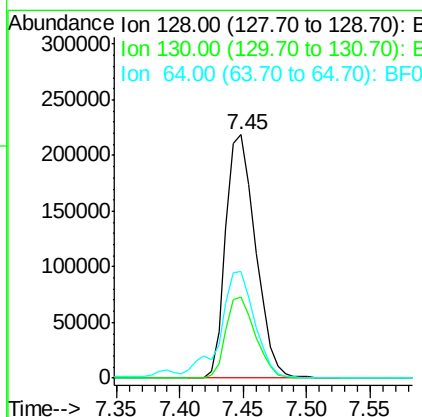
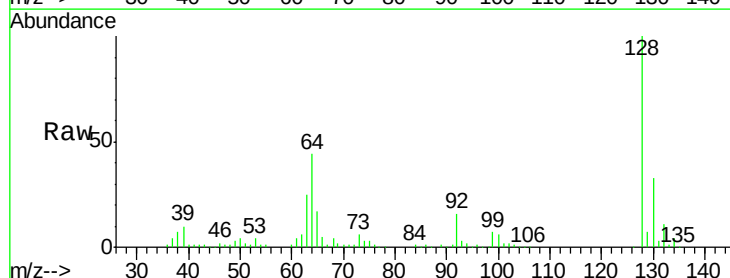
RT: 7.45 min Scan# 937

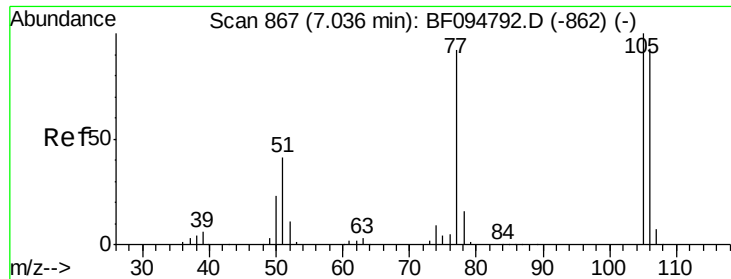
Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	128	Resp:	358178
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	43.9	28.4	68.4





#9

Benzaldehyde

Concen: 36.61 ng

RT: 7.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

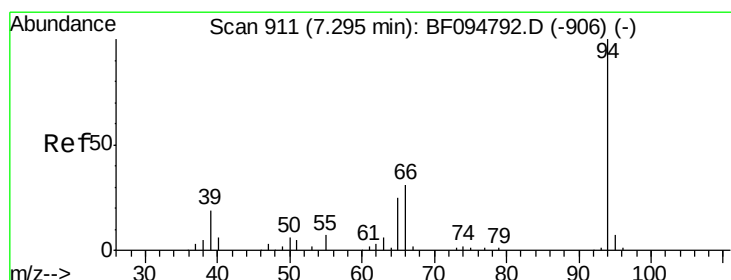
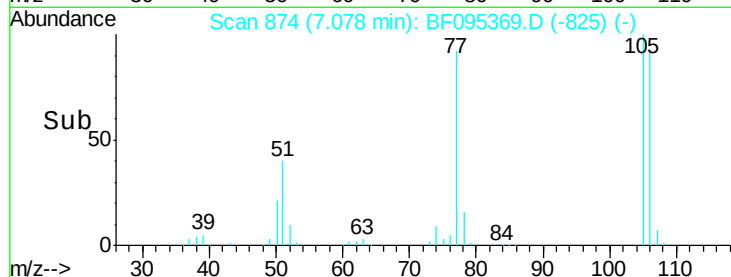
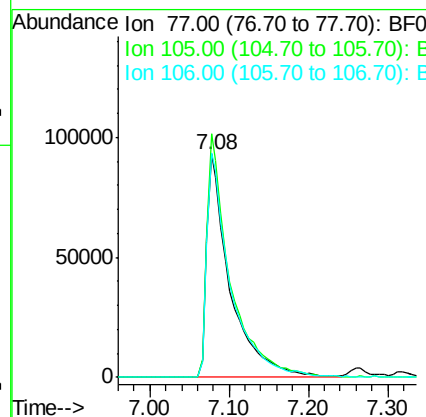
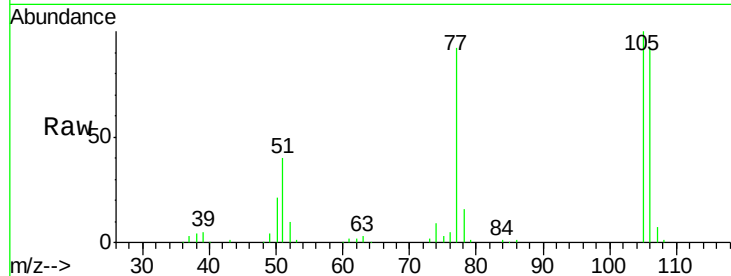
ClientSampled :

SSTDCCC040

Tgt Ion:	77	Resp:	192842
Ion	Ratio	Lower	Upper
77	100		
105	109.2	83.8	123.8
106	100.4	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 38.67 ng

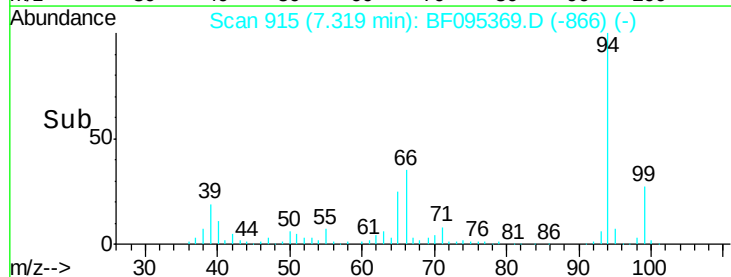
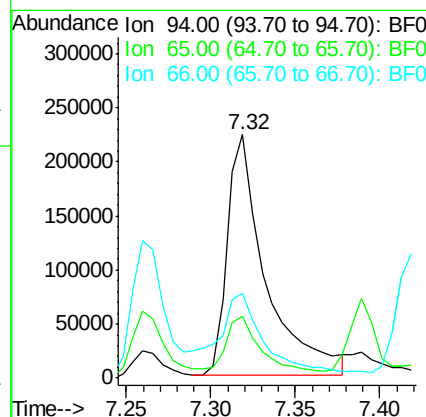
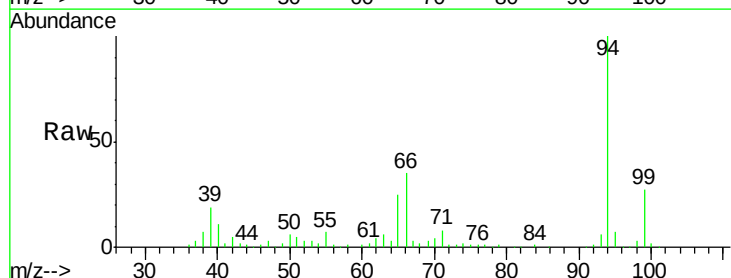
RT: 7.32 min Scan# 915

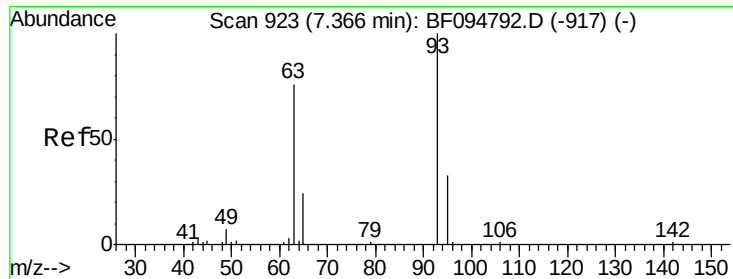
Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	94	Resp:	351477
Ion	Ratio	Lower	Upper
94	100		
65	25.3	9.9	49.9
66	35.0	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.90 ng

RT: 7.39 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

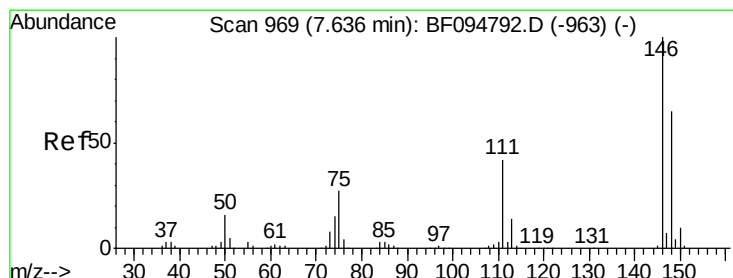
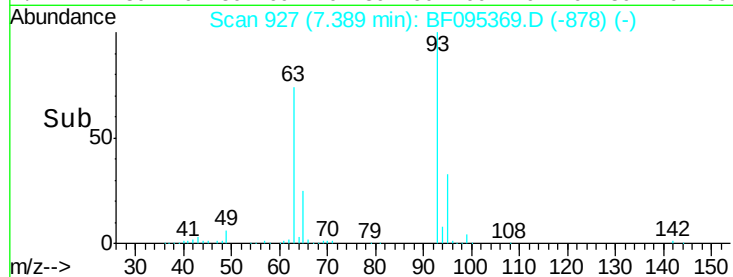
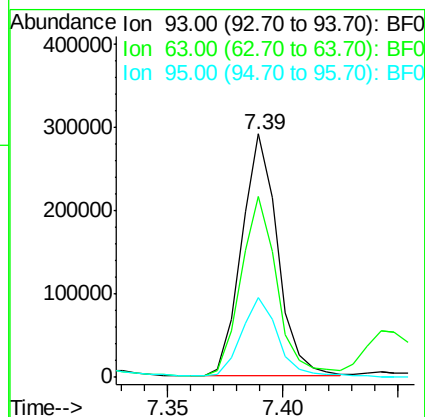
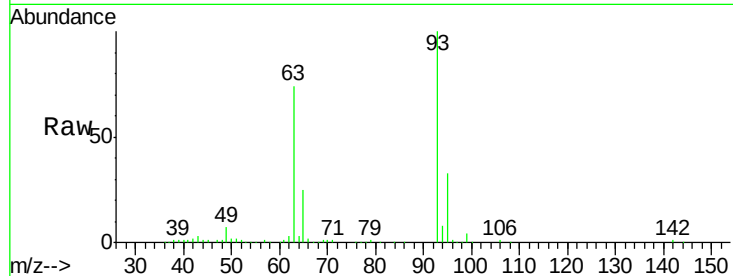
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	314437
Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.2	99.2
95	32.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 44.28 ng

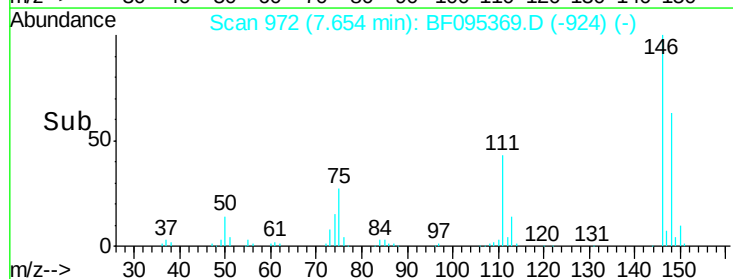
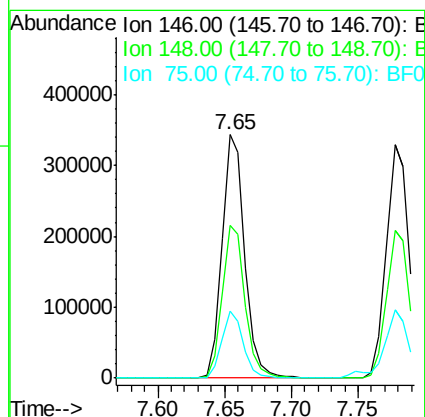
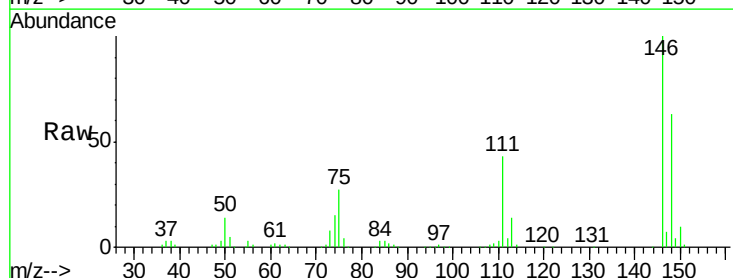
RT: 7.65 min Scan# 972

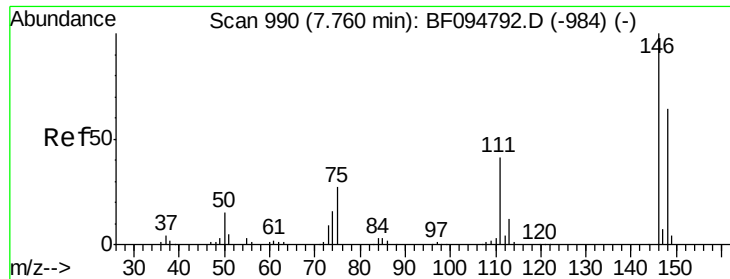
Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	146	Resp:	410998
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.6
75	27.5	23.1	34.7





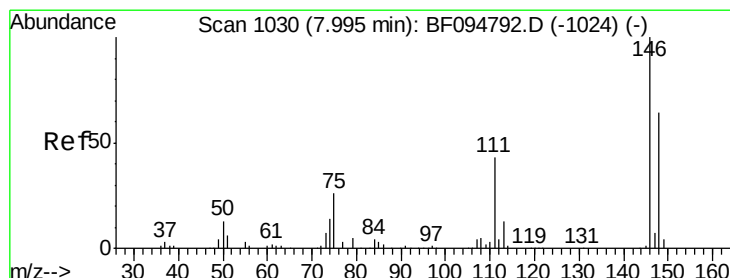
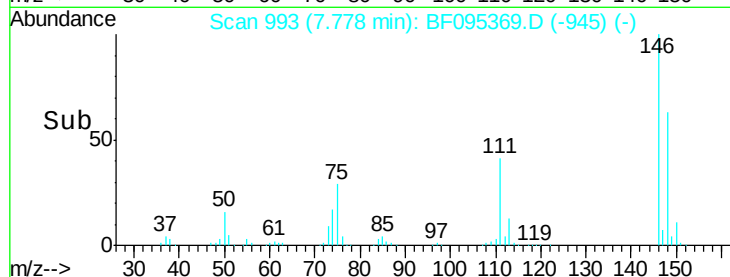
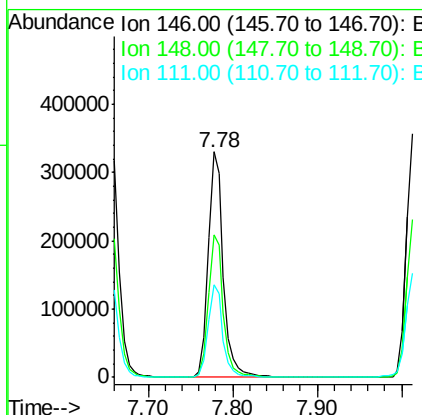
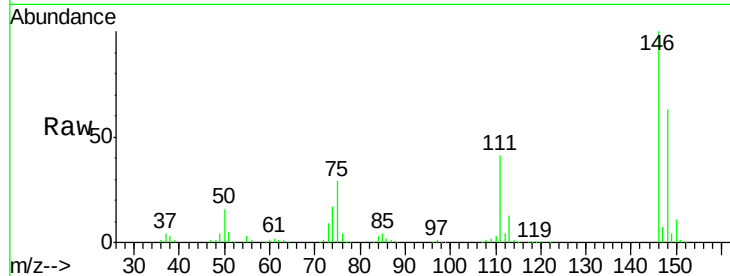
#13
 1,4-Dichlorobenzene
 Concen: 44.16 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	41.0	30.3	45.5

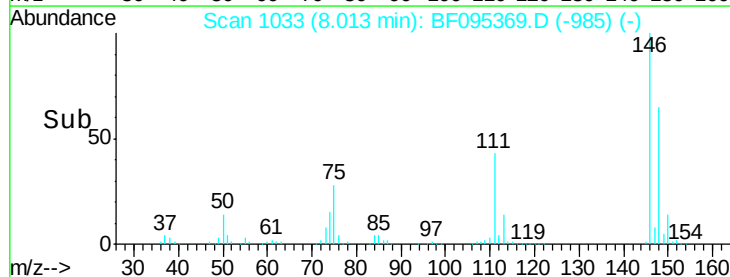
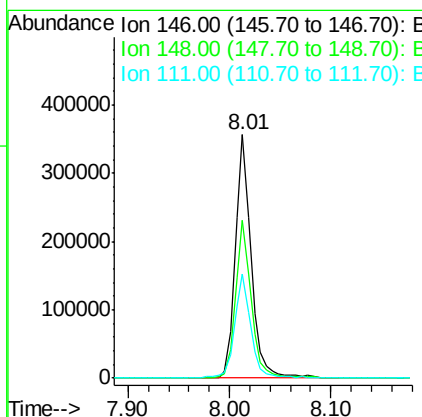
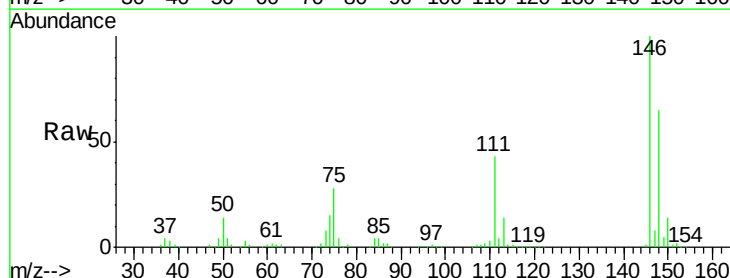
Manual Integrations
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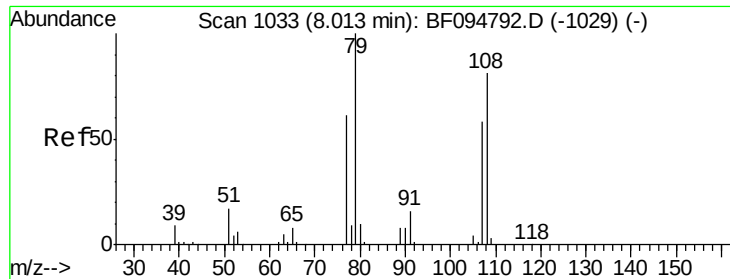
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.06 ng
 RT: 8.01 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	42.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 47.97 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 266127
Ion Ratio Lower Upper

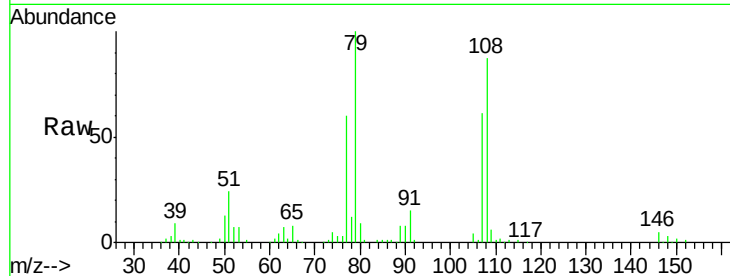
79 100

108 87.4 63.4 95.0

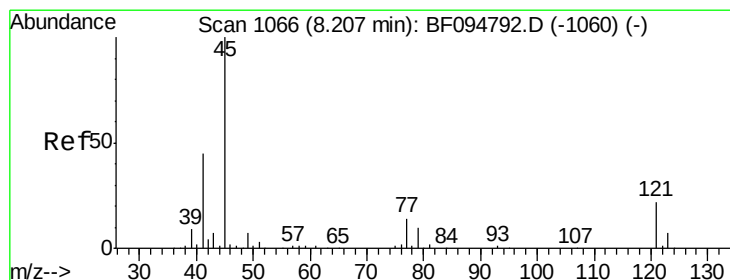
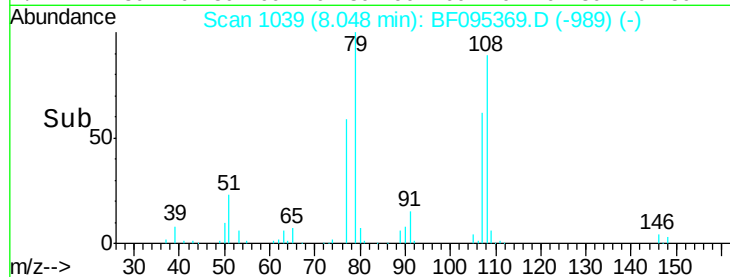
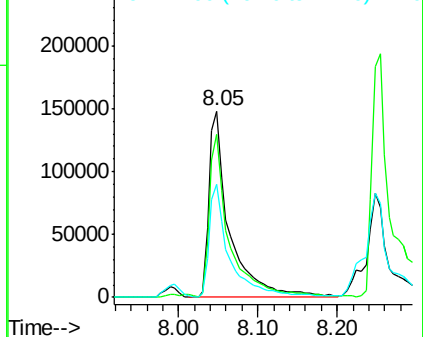
77 60.4 49.2 73.8

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.87 ng

RT: 8.24 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF095369.D

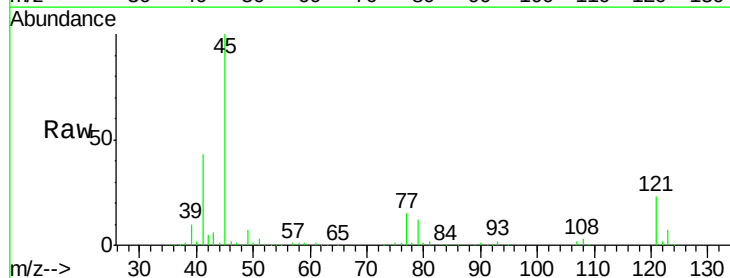
Acq: 24 May 2017 3:14

Tgt Ion: 45 Resp: 412786
Ion Ratio Lower Upper

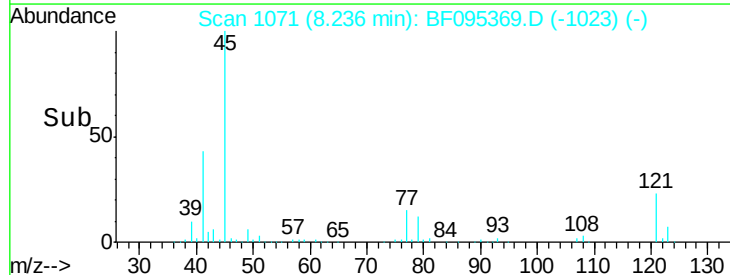
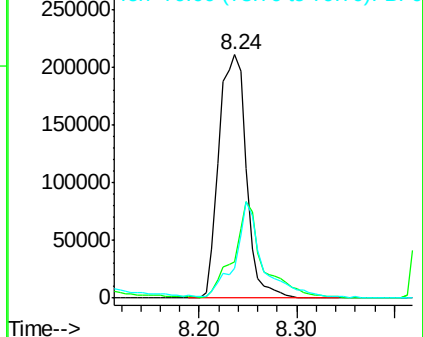
45 100

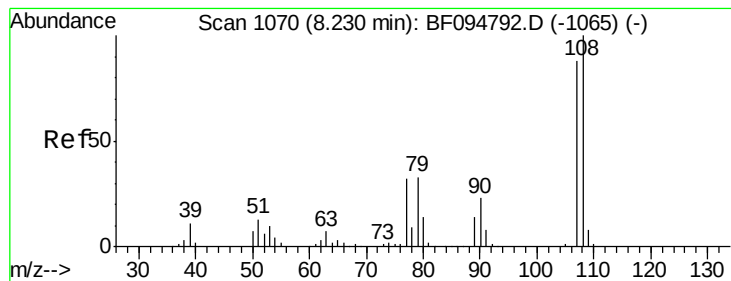
77 15.1 0.0 33.2

79 12.3 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





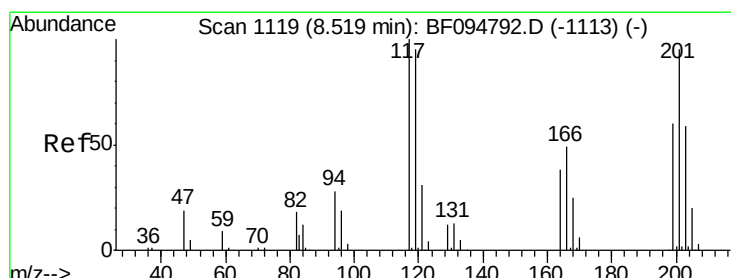
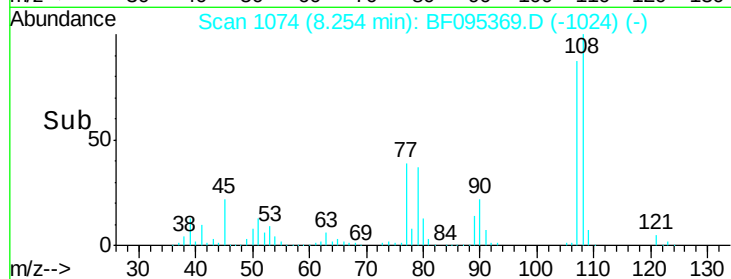
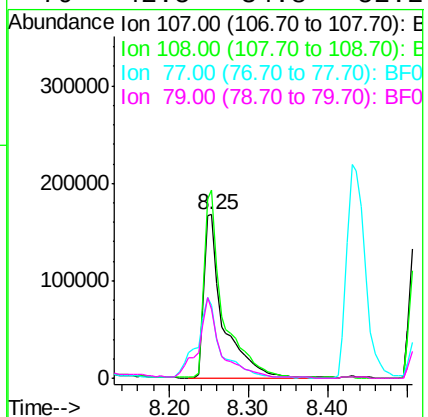
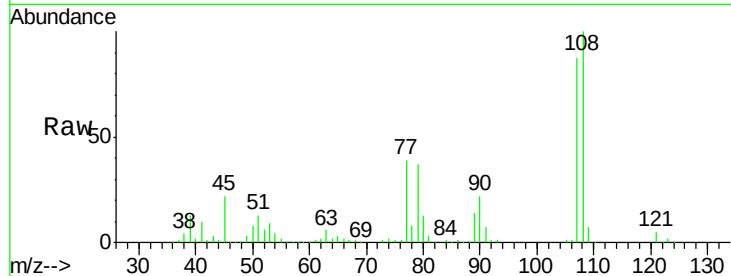
#17
2-Methylphenol
Concen: 42.28 ng
RT: 8.25 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	283110		
108	115.5	93.4	140.0	
77	44.5	35.8	53.6	
79	42.5	34.8	52.2	

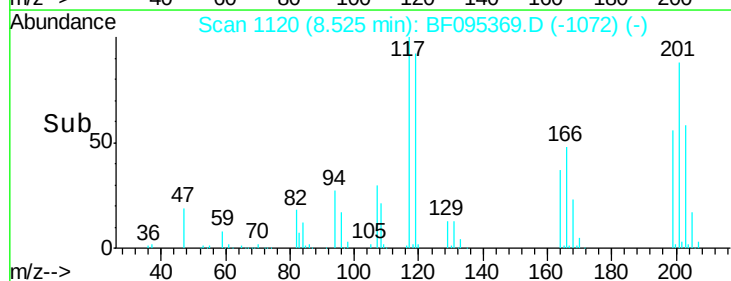
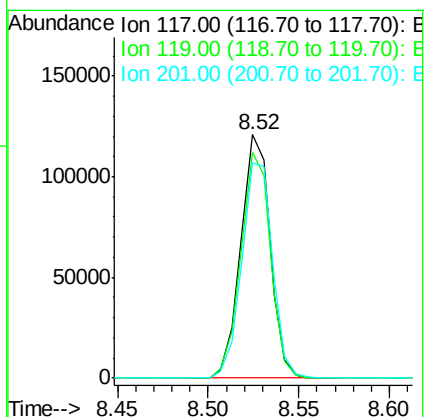
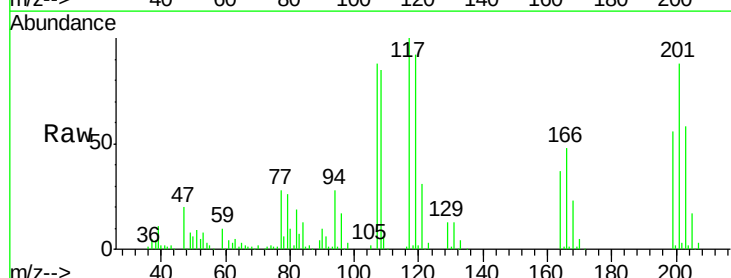
Manual Integrations
APPROVED

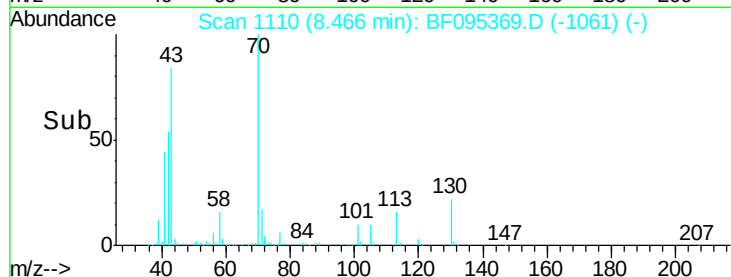
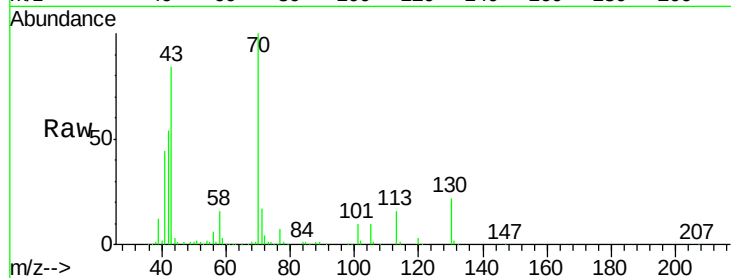
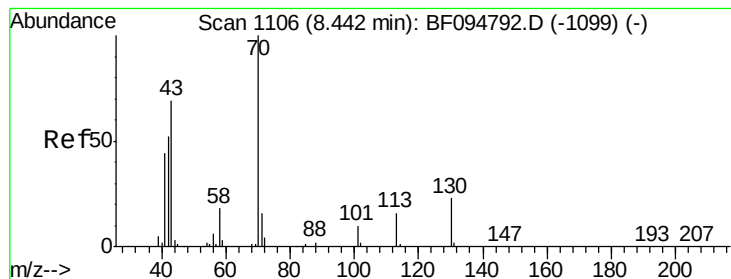
mohammad
5/24/2017 4:43:23 PM



#18
Hexachloroethane
Concen: 42.68 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	136105		
119	92.5	77.4	116.0	
201	88.5	94.6	141.8#	





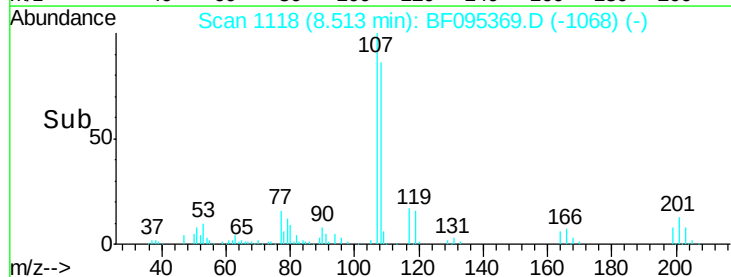
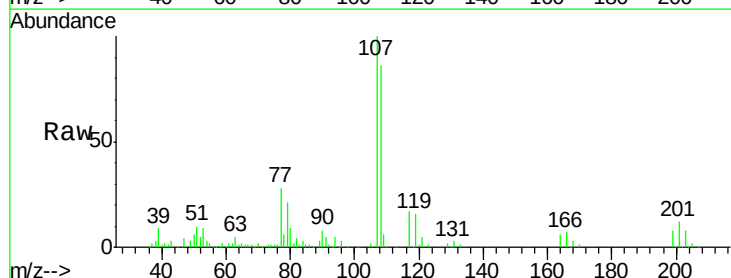
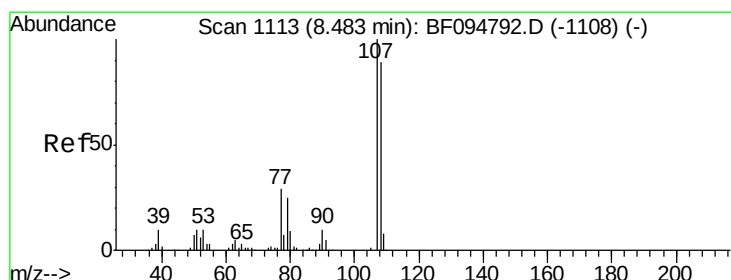
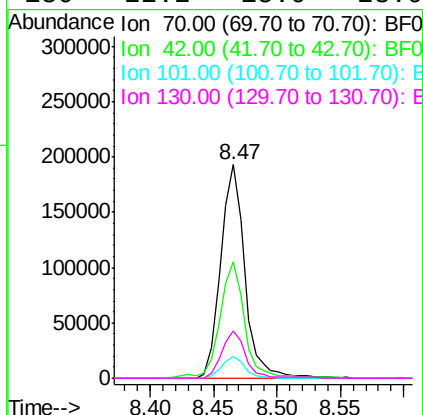
#19
n-Nitroso-di-n-propylamine
Concen: 44.11 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.2	70.8
101	10.3	7.2	10.8
130	22.2	15.9	23.9

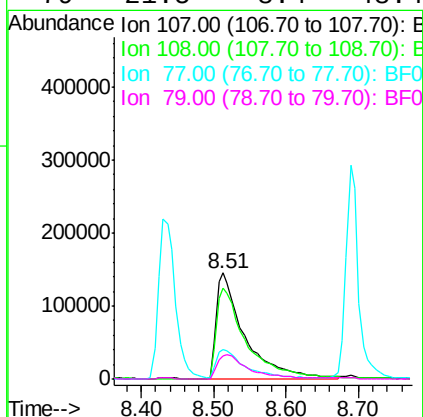
Manual Integrations
APPROVED

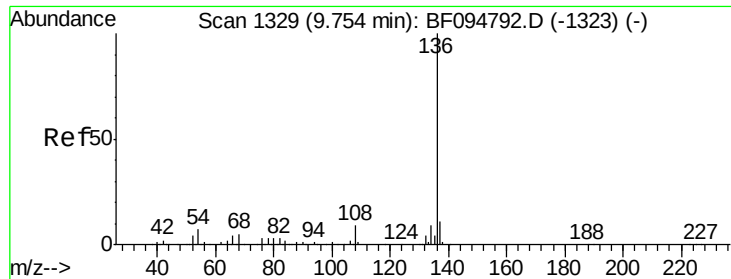
mohammad
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#20
3+4-Methylphenols
Concen: 43.28 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	71.0	111.0
77	27.5	90.5	130.5#
79	21.5	8.4	48.4





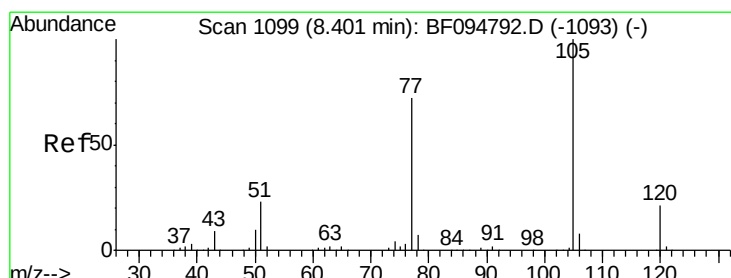
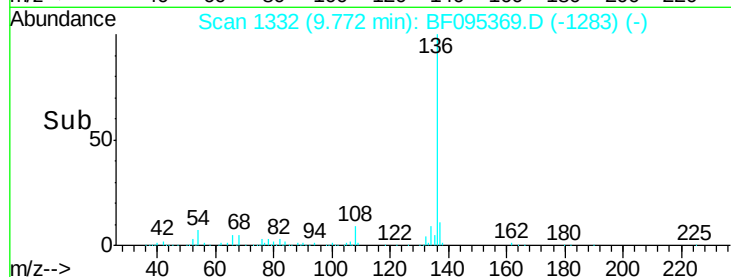
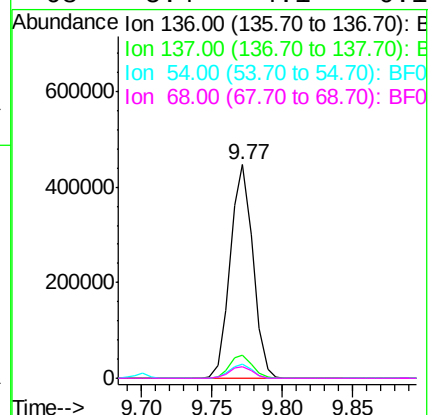
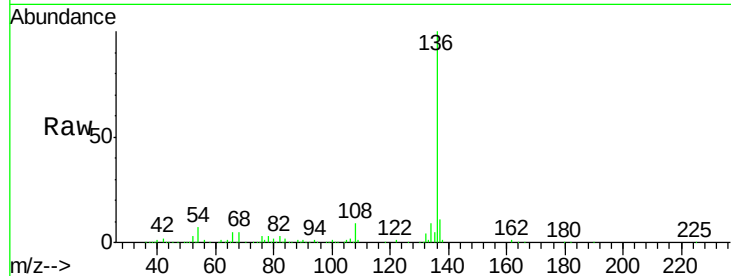
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	499520		
137	10.6	8.5	12.7	
54	6.6	4.9	7.3	
68	5.4	4.1	6.1	

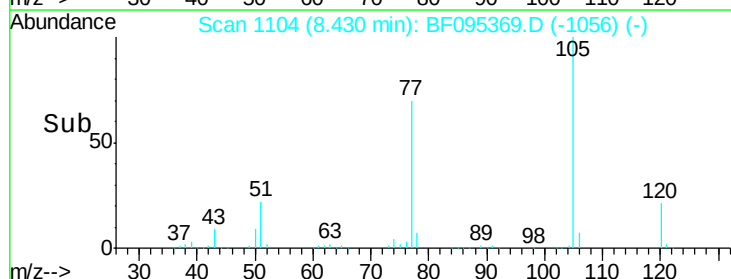
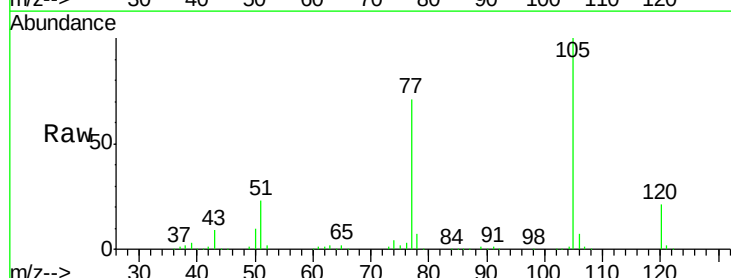
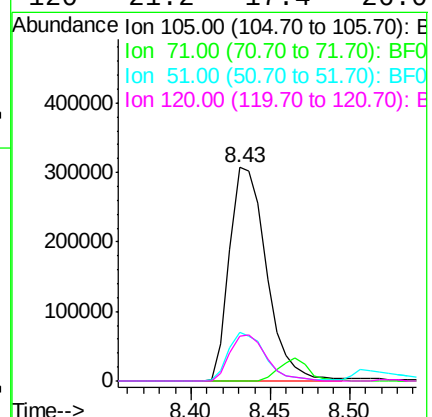
Manual Integrations
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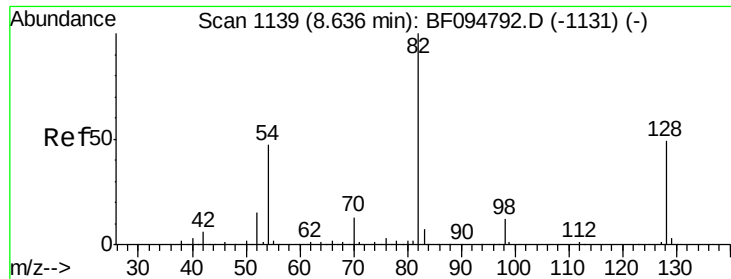
mohammad
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#22
Acetophenone
Concen: 41.45 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496827		
71	0.0	2.8	4.2#	
51	22.9	30.7	46.1#	
120	21.2	17.4	26.0	





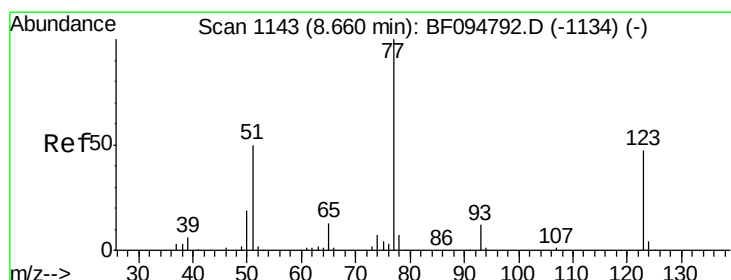
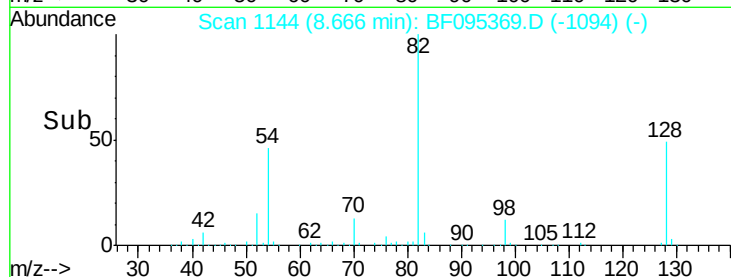
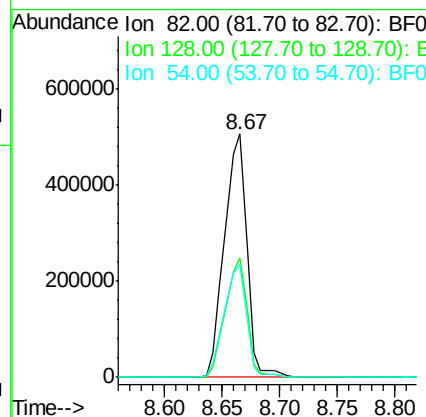
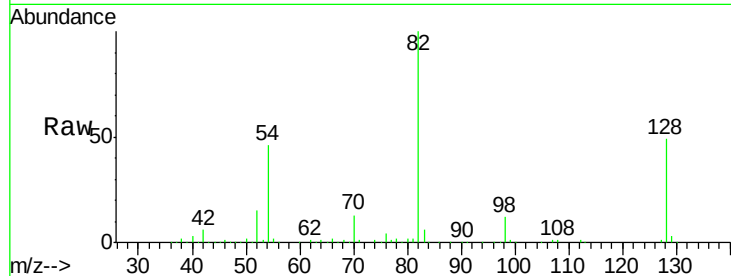
#23
 Nitrobenzene-d5
 Concen: 86.28 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	683459		
128	49.2	34.0	51.0	
54	46.4	42.2	63.2	

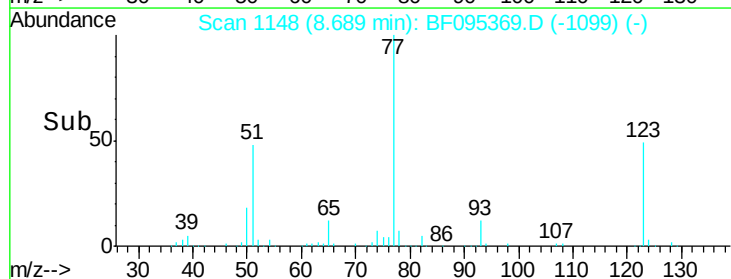
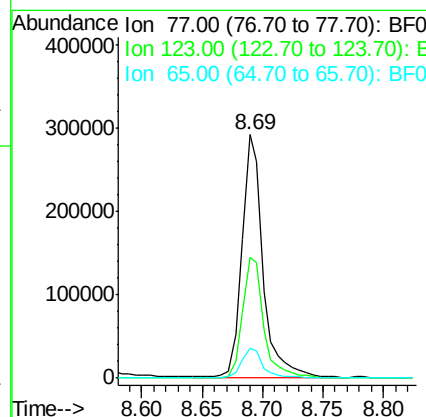
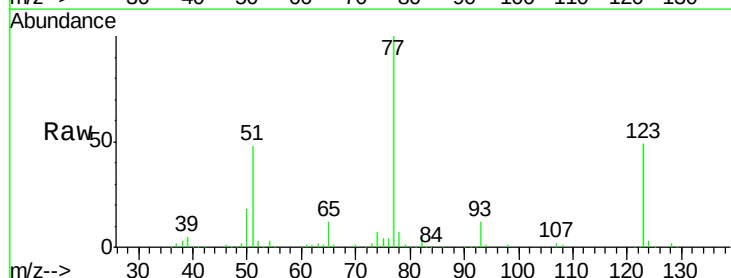
Manual Integrations
 APPROVED

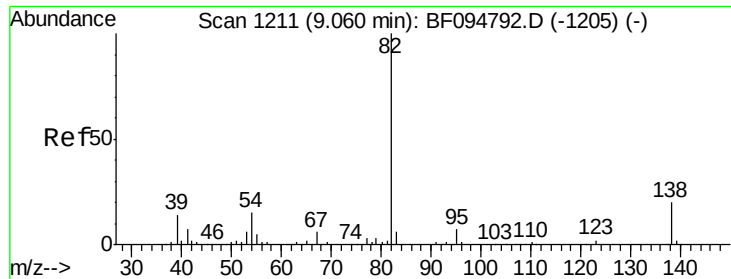
mohammad
 5/24/2017 4:43:23 PM



#24
 Nitrobenzene
 Concen: 42.68 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	354407		
123	49.4	35.8	53.8	
65	12.3	10.6	15.8	





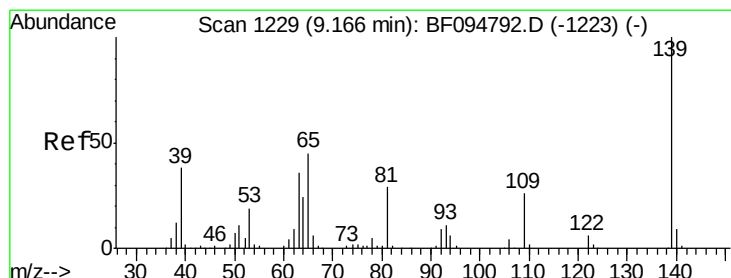
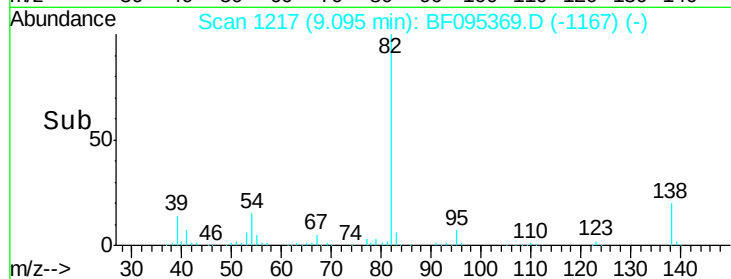
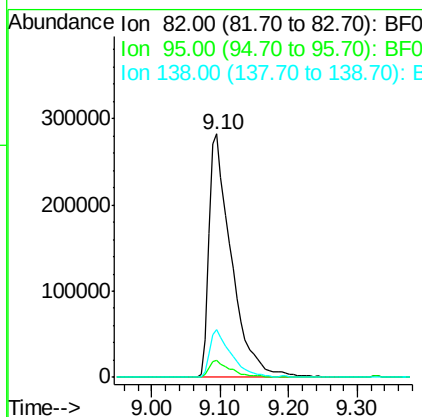
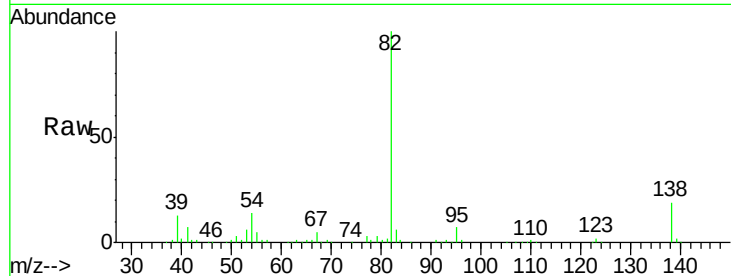
#25
Isophorone
Concen: 45.53 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	643998		
95	6.9	5.3	7.9	
138	19.5	13.1	19.7	

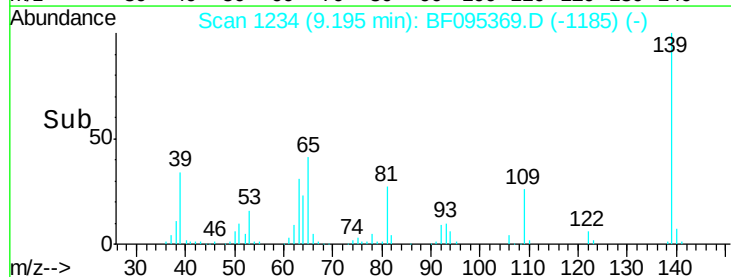
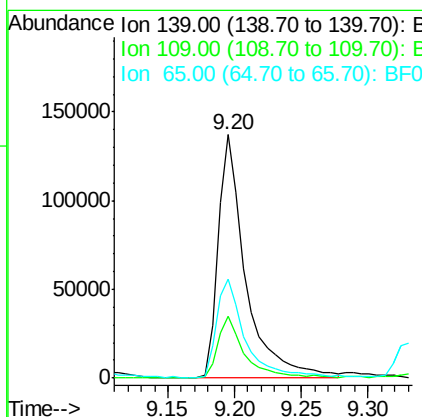
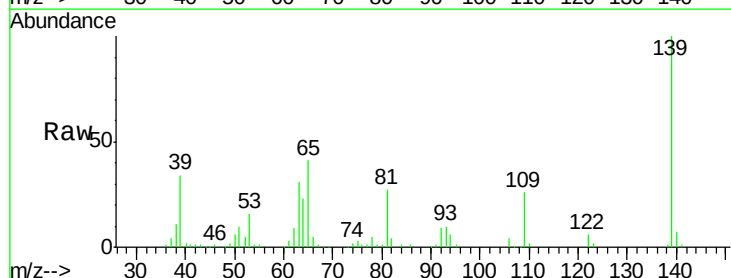
Manual Integrations
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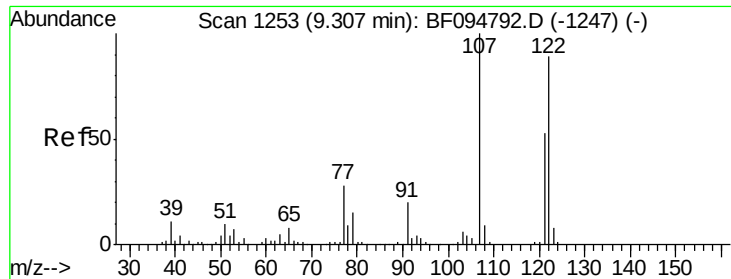
mohammad
5/24/2017 4:43:23 PM



#26
2-Nitrophenol
Concen: 44.65 ng
RT: 9.20 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	200067		
109	25.6	21.0	31.6	
65	40.8	33.0	49.6	





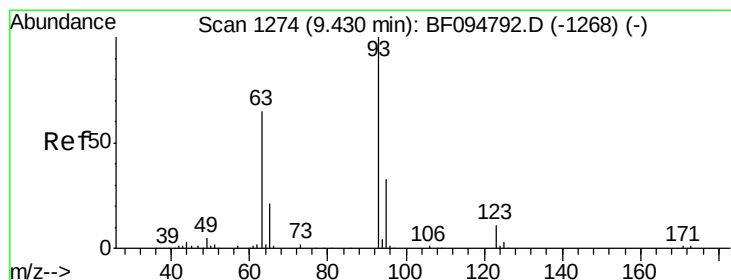
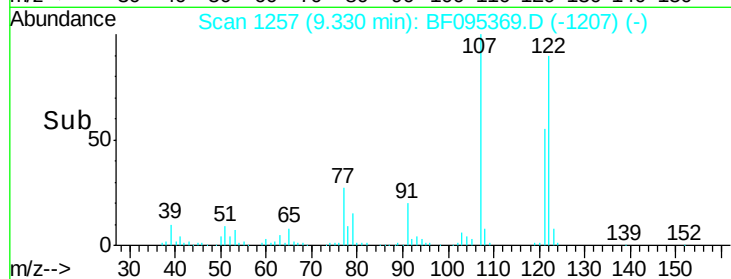
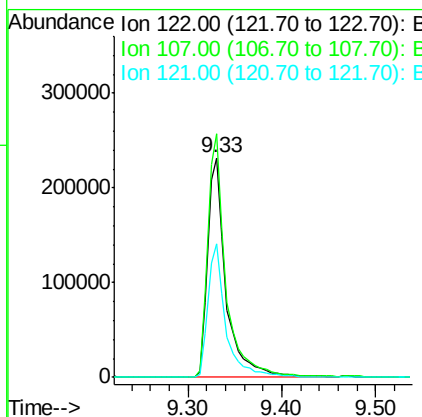
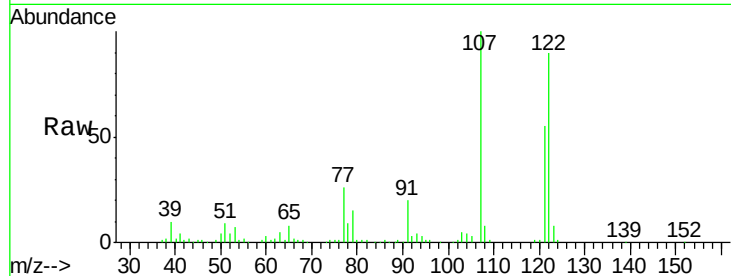
#27
 2,4-Dimethylphenol
 Concen: 44.32 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	321035		
107	110.7	89.2	133.8	
121	60.8	45.2	67.8	

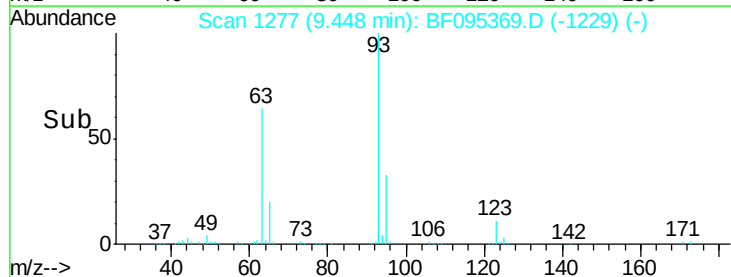
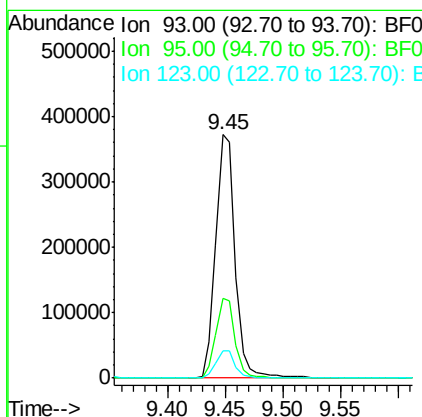
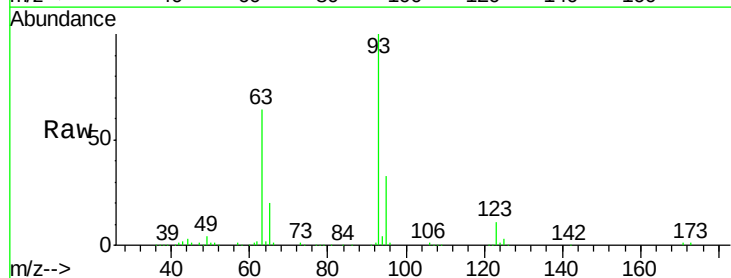
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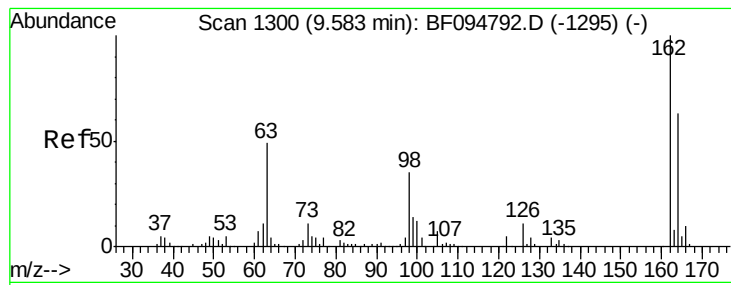
mohammad
 5/24/2017 4:43:23 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.52 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	435607		
95	32.8	26.5	39.7	
123	11.0	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 42.65 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

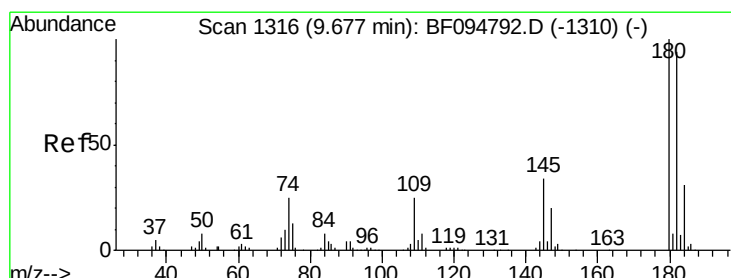
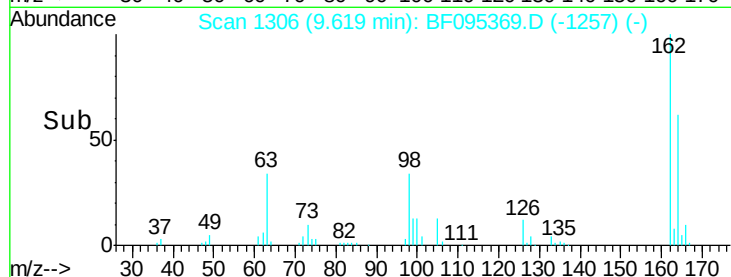
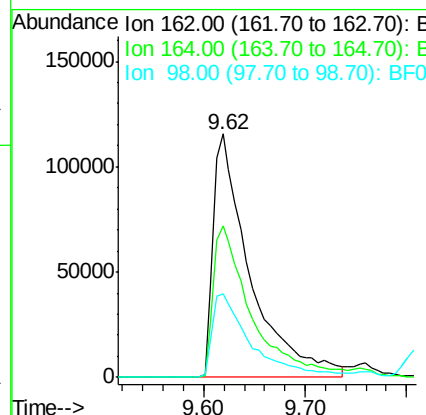
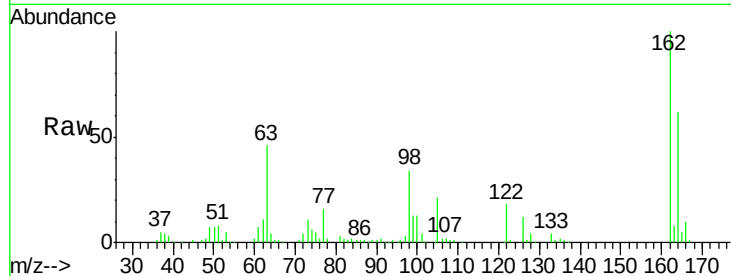
ClientSampleId :

SSTDCCC040

Tgt Ion:	162	Resp:	291721
Ion Ratio	Lower	Upper	
162	100		
164	62.2	44.6	84.6
98	34.1	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 42.59 ng

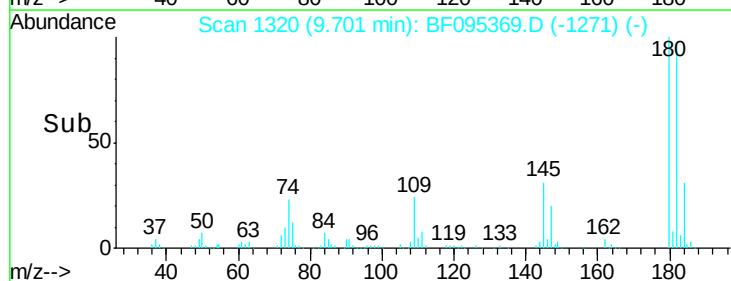
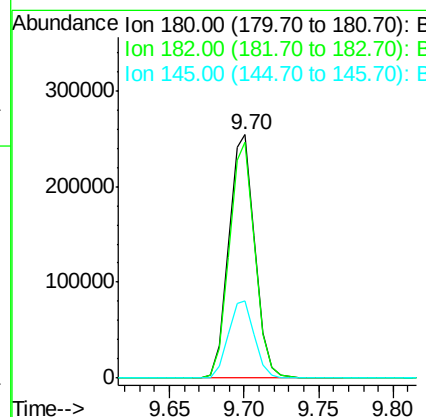
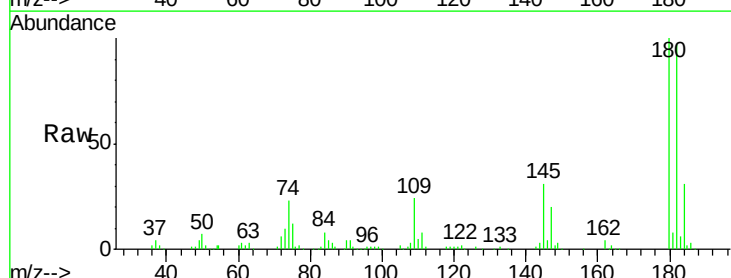
RT: 9.70 min Scan# 1320

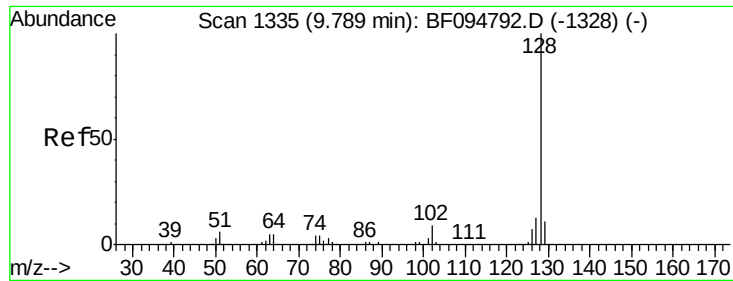
Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	180	Resp:	312115
Ion Ratio	Lower	Upper	
180	100		
182	97.1	75.8	113.6
145	31.5	25.3	37.9





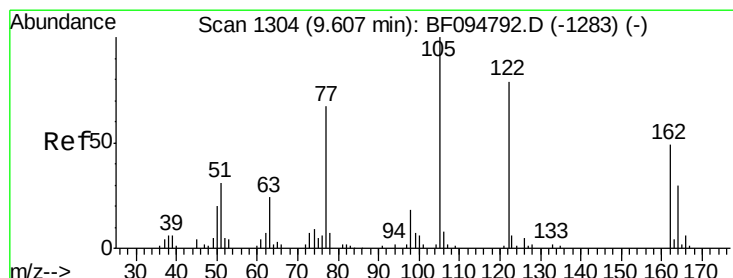
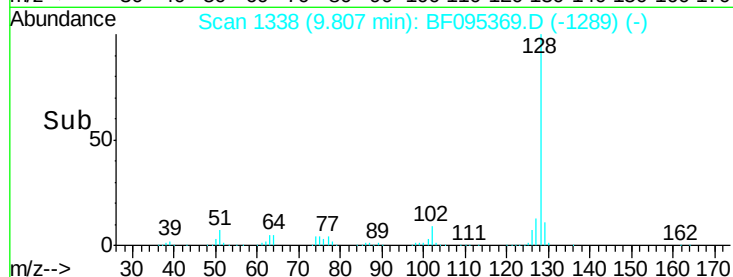
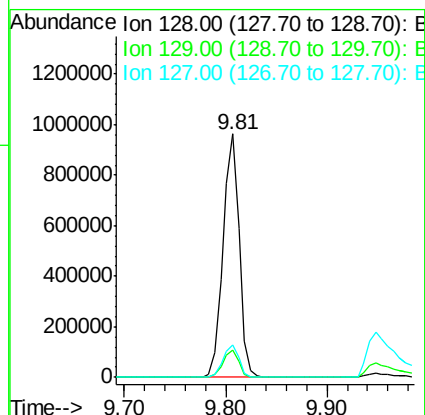
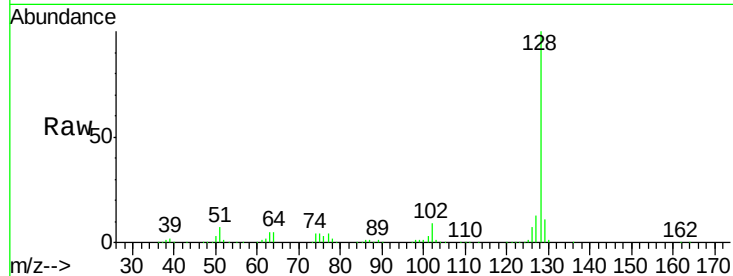
#31
Naphthalene
Concen: 42.35 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1063295
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2

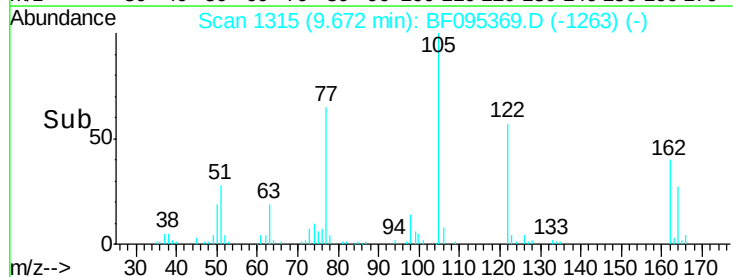
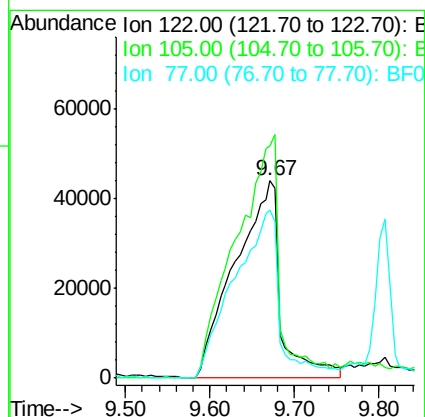
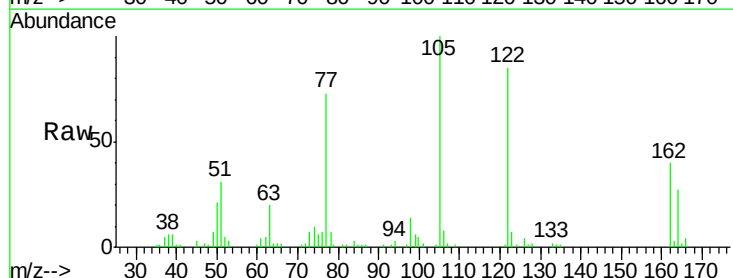
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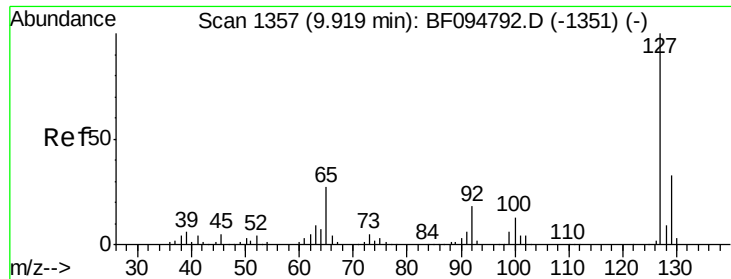
mohammad
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#32
Benzoic acid
Concen: 36.29 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:122 Resp: 165993
Ion Ratio Lower Upper
122 100
105 117.6 103.3 143.3
77 85.4 73.7 113.7





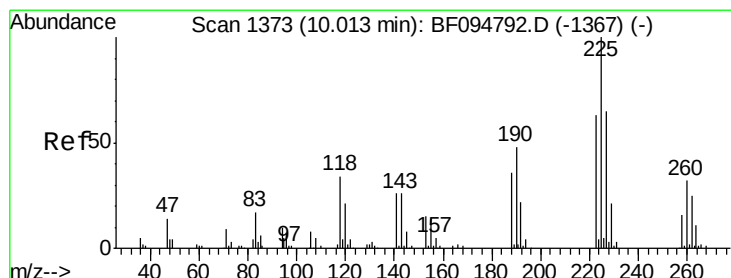
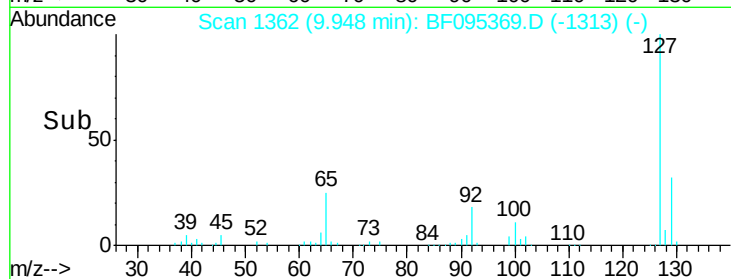
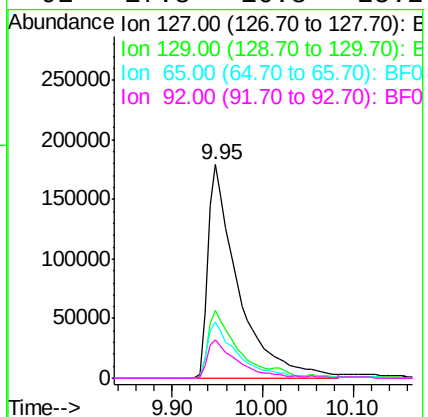
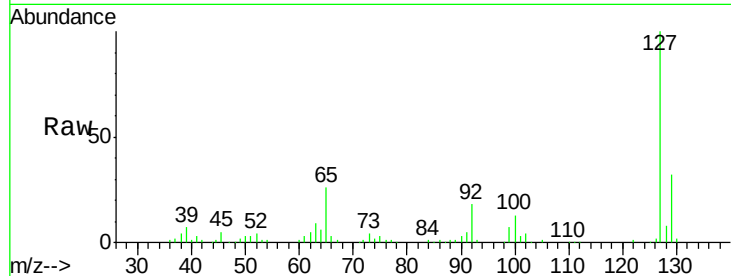
#33
 4-Chloroaniline
 Concen: 44.77 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.2	39.2	
65	26.4	27.8	41.8	
92	17.8	16.8	25.2	

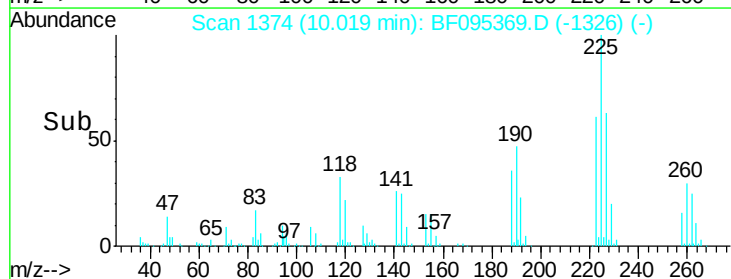
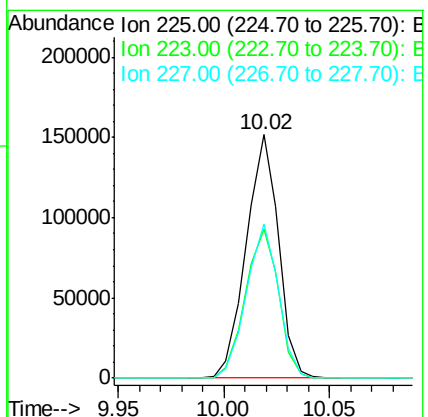
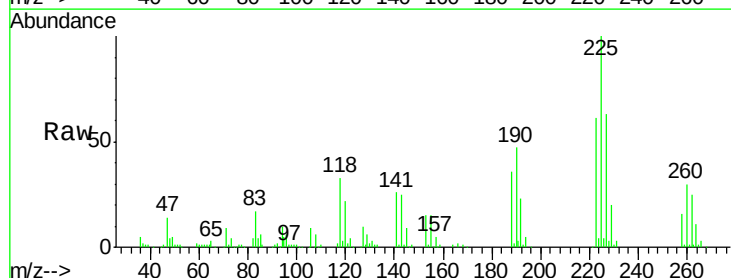
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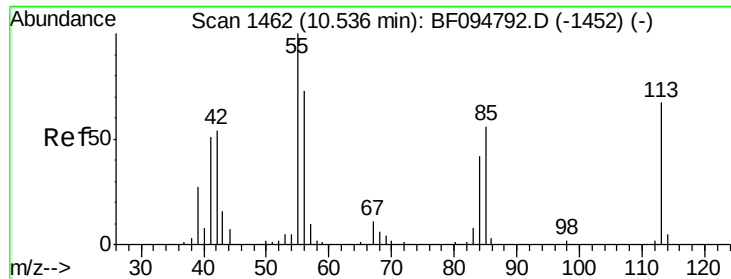
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#34
 Hexachlorobutadiene
 Concen: 41.65 ng
 RT: 10.02 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	48.8	73.2	
227	63.3	51.1	76.7	





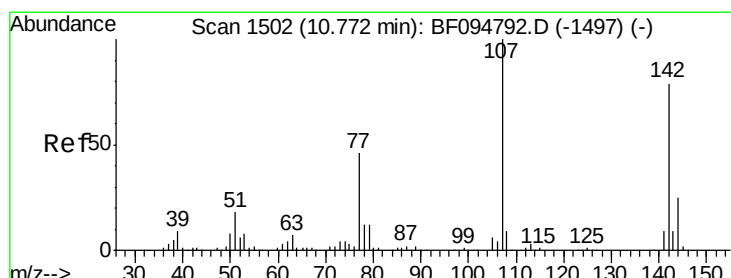
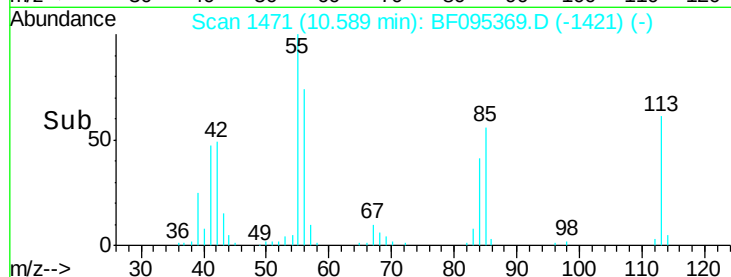
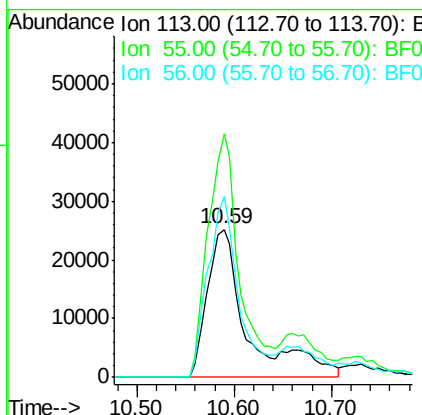
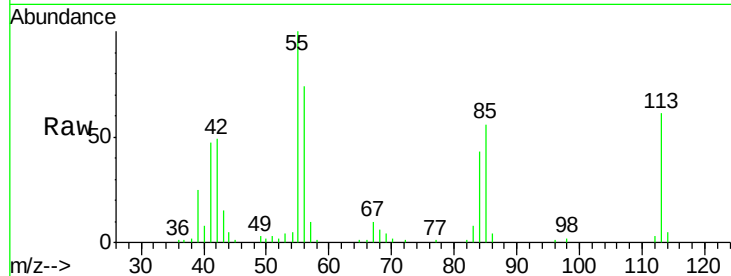
#35
 Caprolactam
 Concen: 35.30 ng m
 RT: 10.59 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:113 Resp: 72499
 Ion Ratio Lower Upper
 113 100
 55 164.5 150.2 190.2
 56 122.0 107.8 147.8

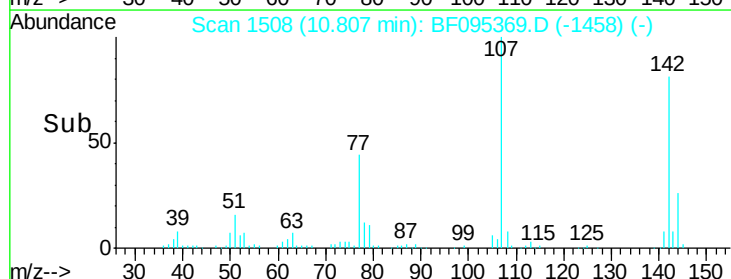
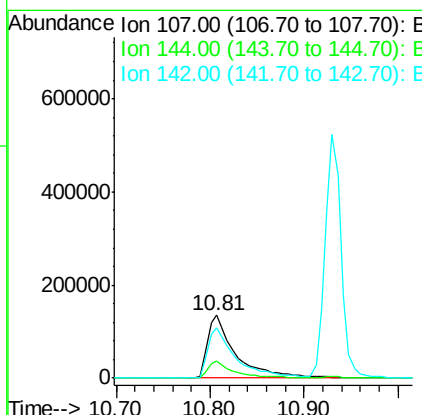
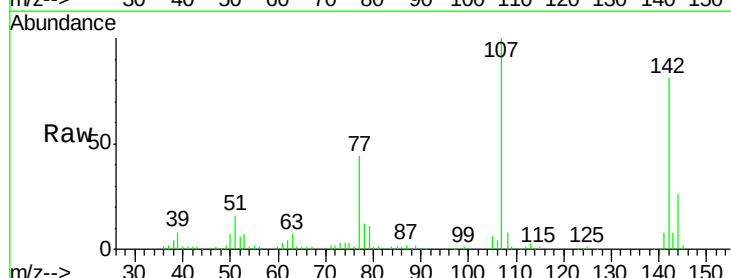
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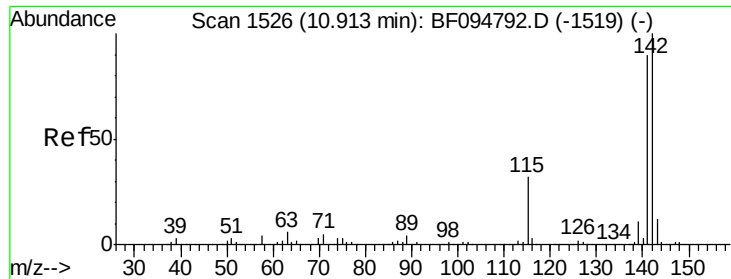
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.19 ng
 RT: 10.81 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:107 Resp: 279262
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.5 73.4 110.0





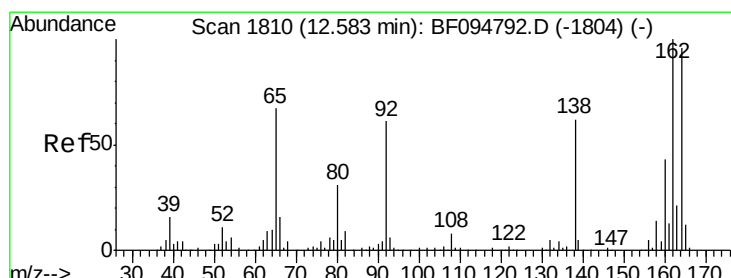
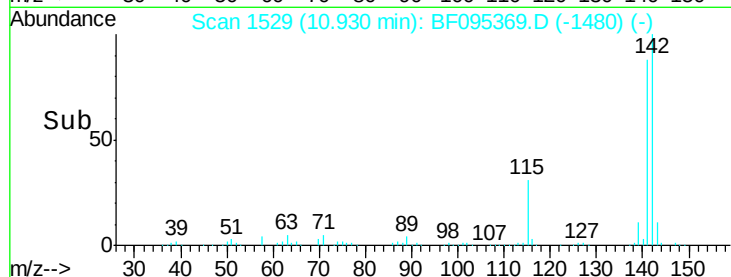
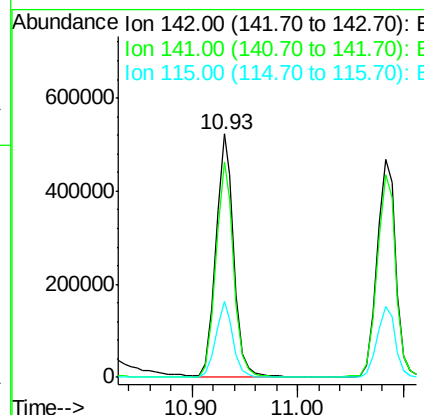
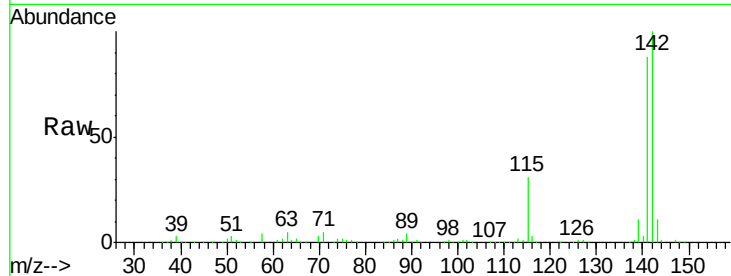
#37
 2-Methylnaphthalene
 Concen: 38.04 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	31.0	27.1	40.7

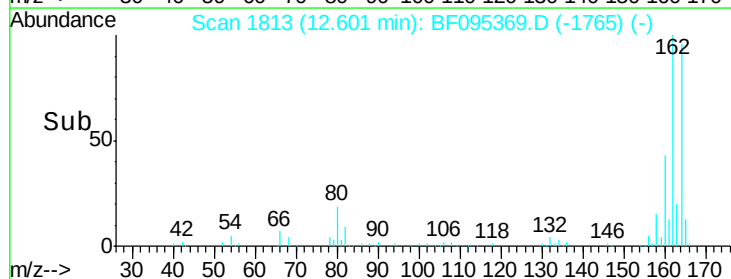
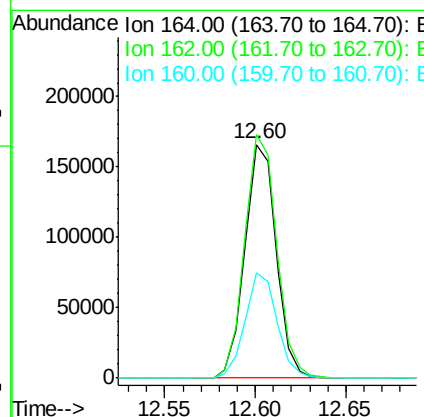
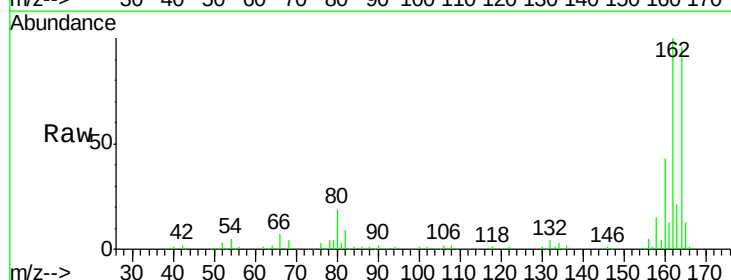
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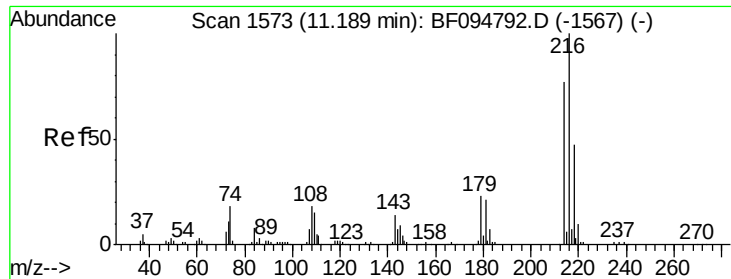
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	45.1	36.2	54.2





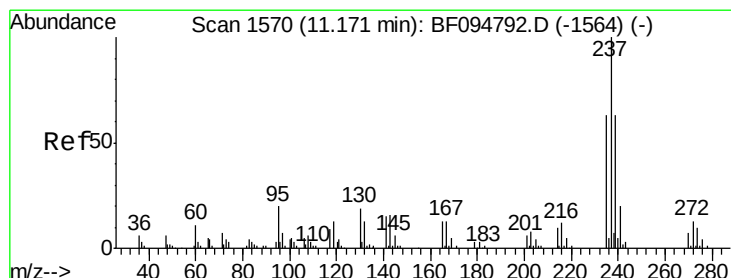
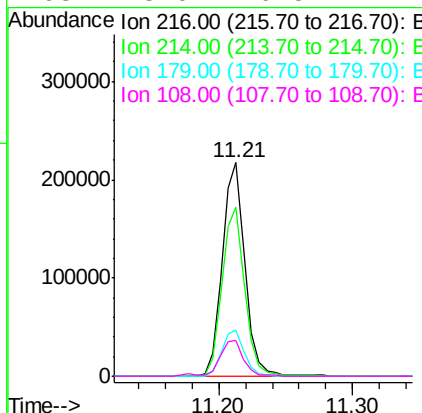
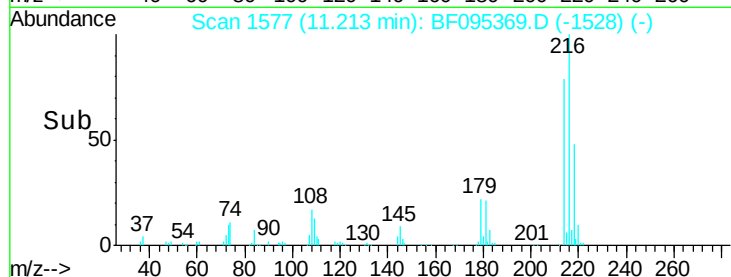
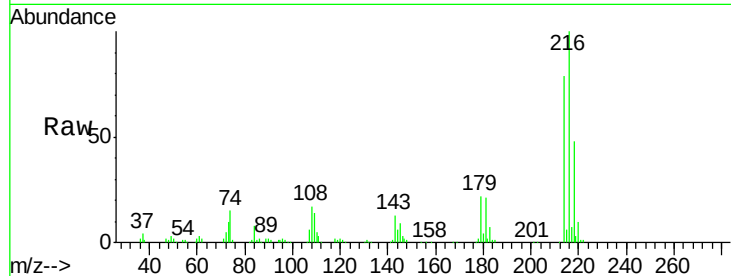
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.54 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	260752		
214	79.4	63.4	95.2	
179	21.7	17.9	26.9	
108	18.0	16.5	24.7	

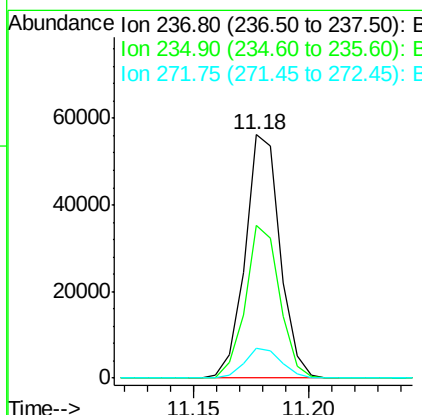
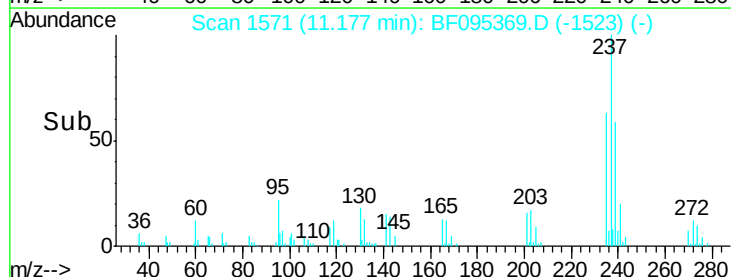
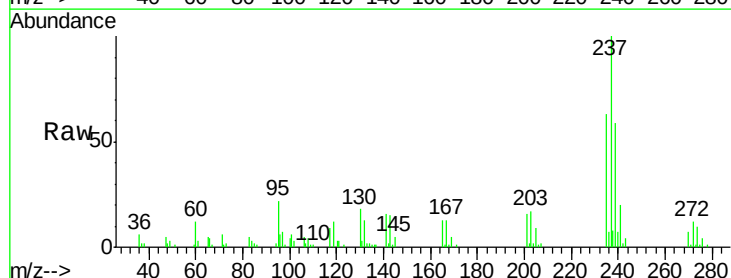
Manual Integrations
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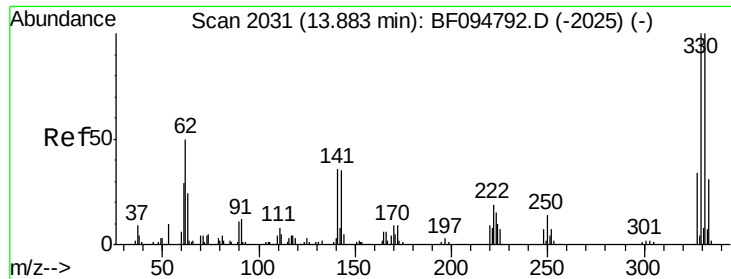
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#40
 Hexachlorocyclopentadiene
 Concen: 27.31 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	59270		
235	62.8	42.6	82.6	
272	12.1	0.0	31.9	





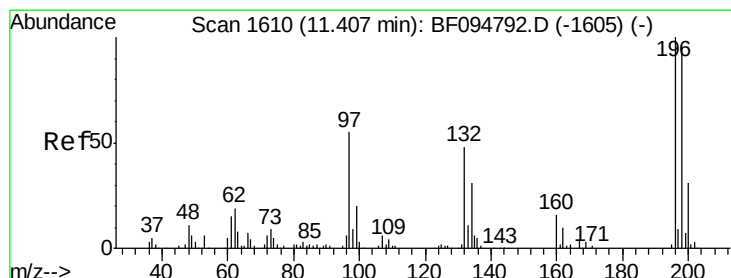
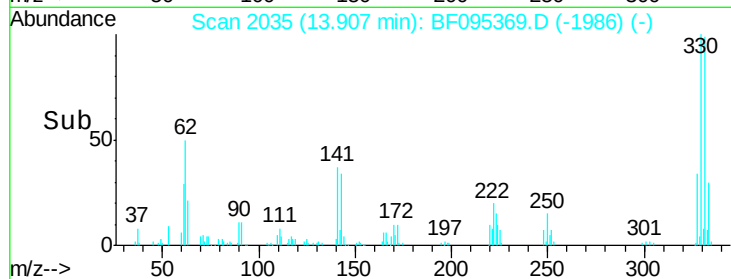
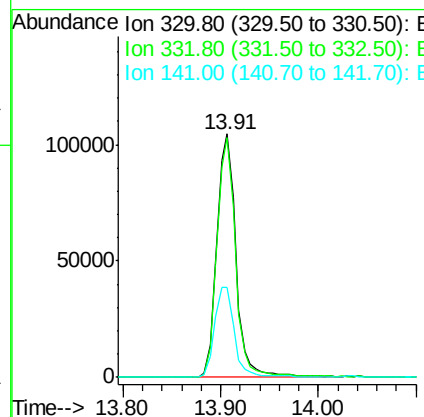
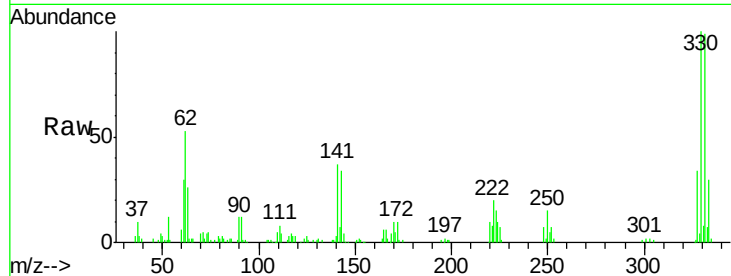
#41
 2,4,6-Tribromophenol
 Concen: 87.44 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.5	31.4	47.2

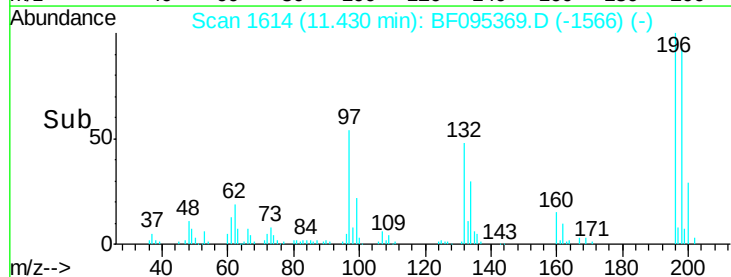
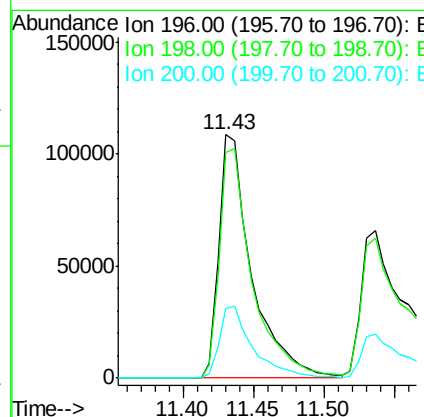
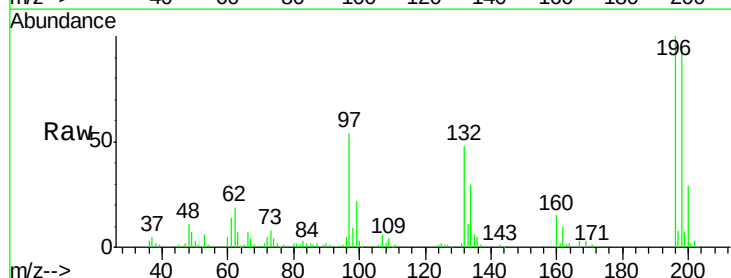
Manual Integrations
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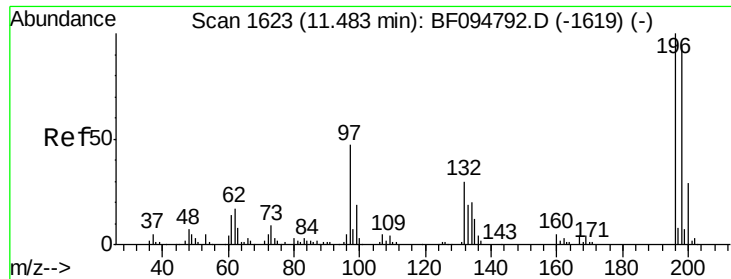
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#42
 2,4,6-Trichlorophenol
 Concen: 43.18 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.2	111.4
200	28.7	24.0	36.0





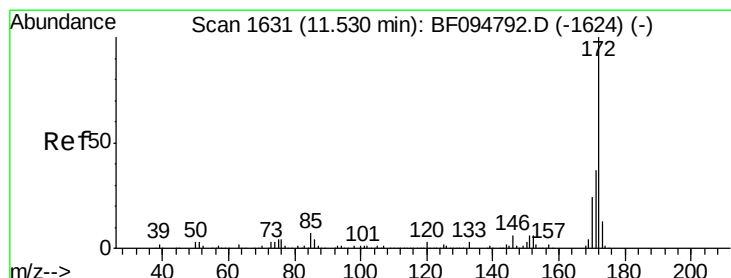
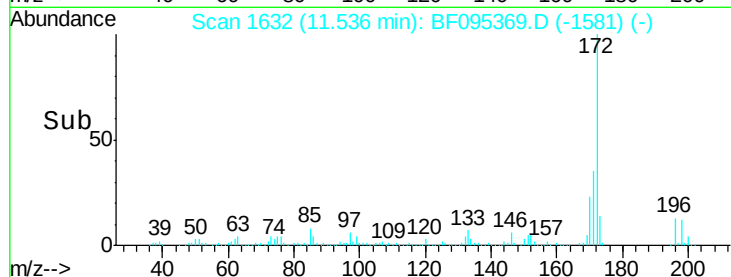
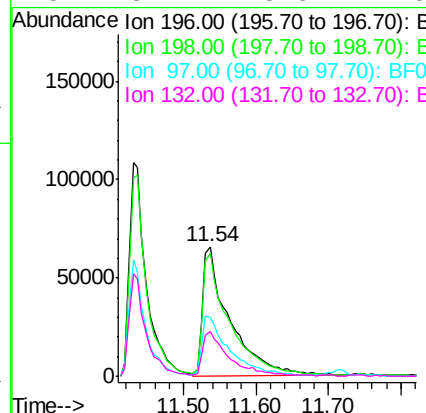
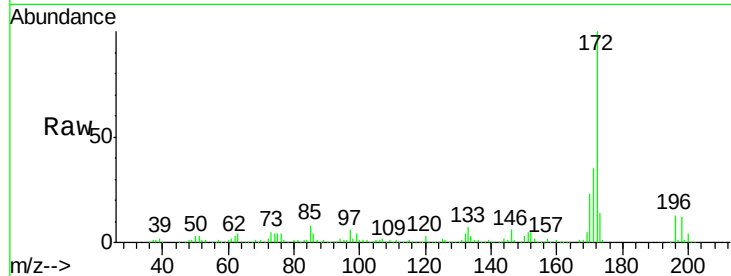
#43
 2,4,5-Trichlorophenol
 Concen: 38.50 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169345		
198	94.7	75.7	113.5	
97	45.9	47.7	71.5#	
132	34.2	28.0	42.0	

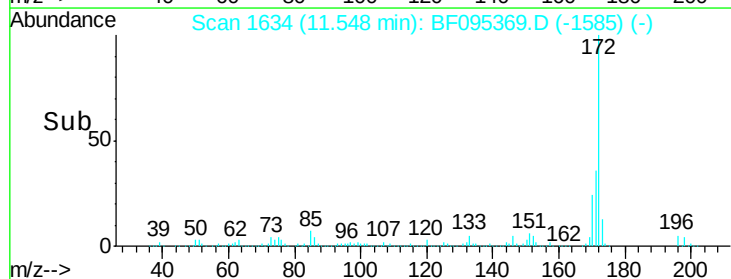
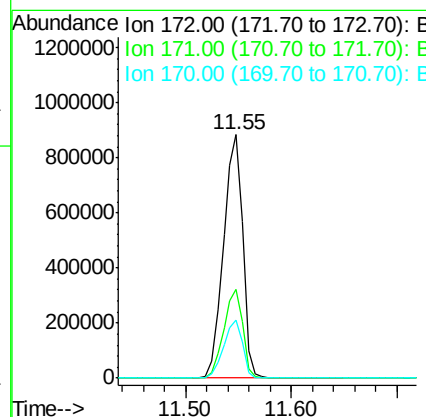
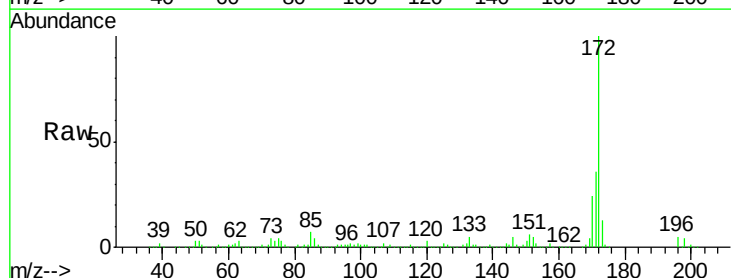
Manual Integrations
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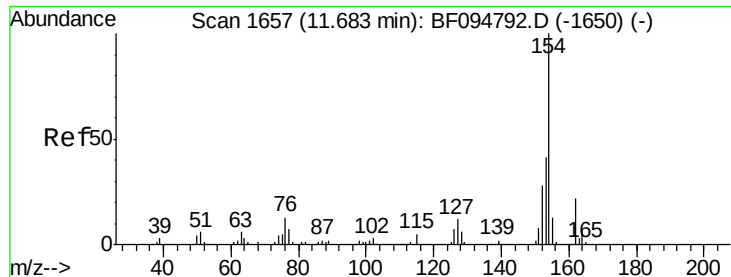
mohammad
 5/24/2017 4:43:23 PM



#44
 2-Fluorobiphenyl
 Concen: 81.52 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1128947		
171	36.4	29.6	44.4	
170	23.8	19.8	29.8	





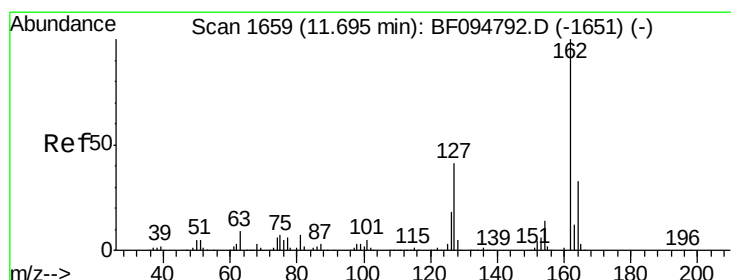
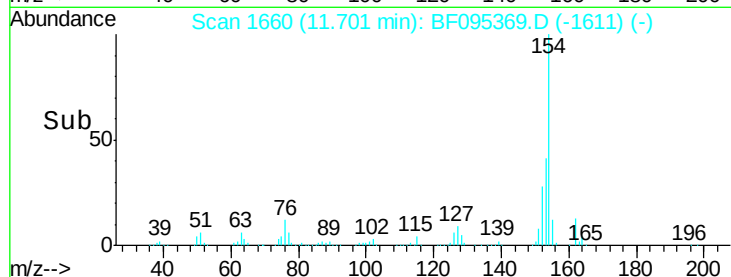
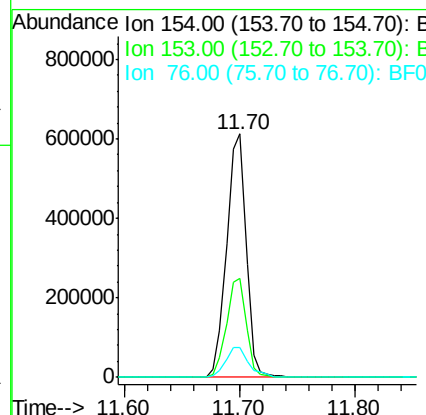
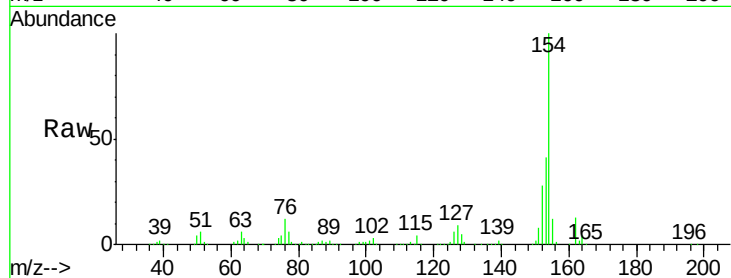
#45
1,1'-Biphenyl
Concen: 43.01 ng
RT: 11.70 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	12.5	0.0	29.9

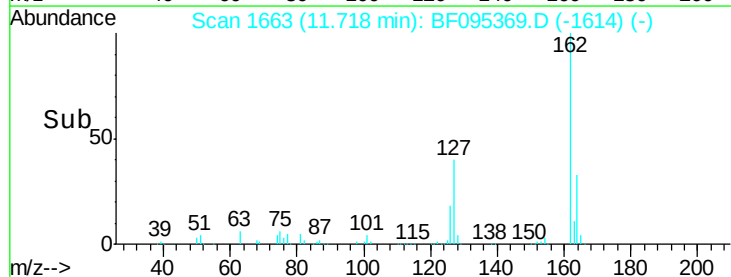
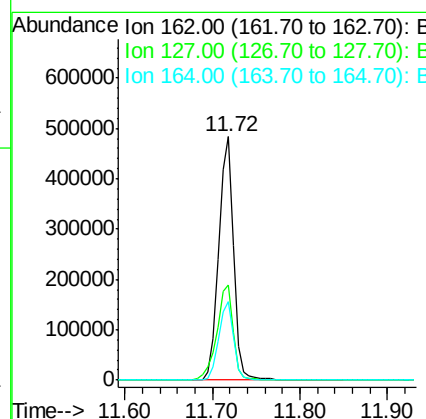
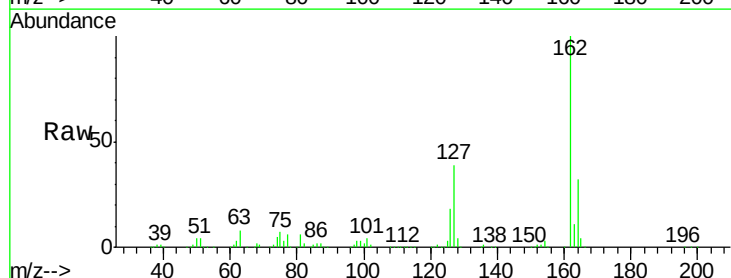
Manual Integrations
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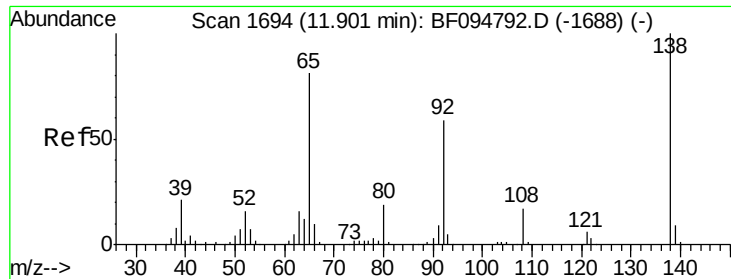
mohammad
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#46
2-Chloronaphthalene
Concen: 42.19 ng
RT: 11.72 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	28.3	42.5
164	32.4	27.0	40.4





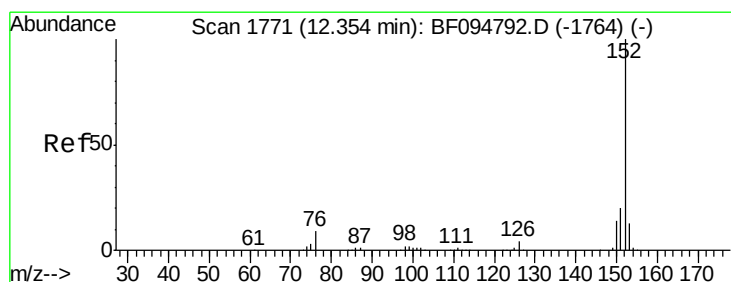
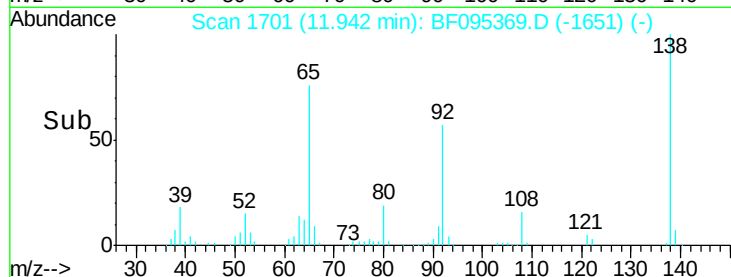
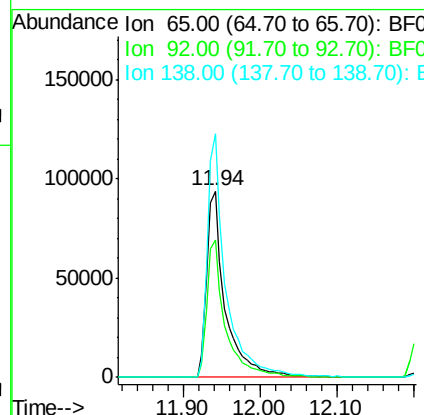
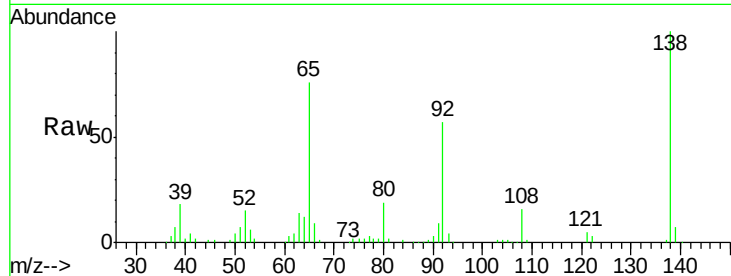
#47
2-Nitroaniline
Concen: 43.08 ng
RT: 11.94 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	53.9	80.9
138	130.9	78.8	118.2

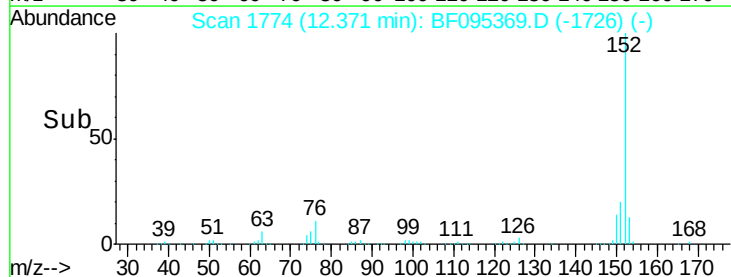
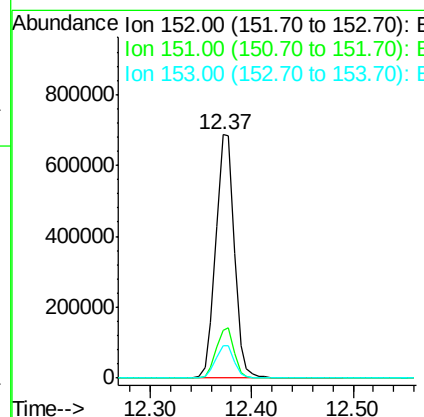
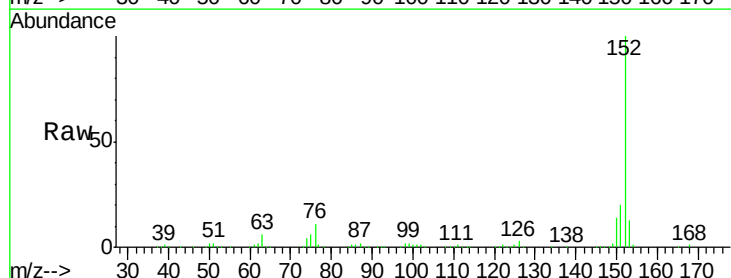
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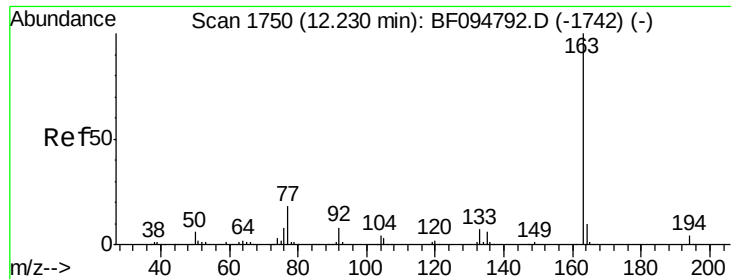
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#48
Acenaphthylene
Concen: 41.48 ng
RT: 12.37 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.1	10.8	16.2





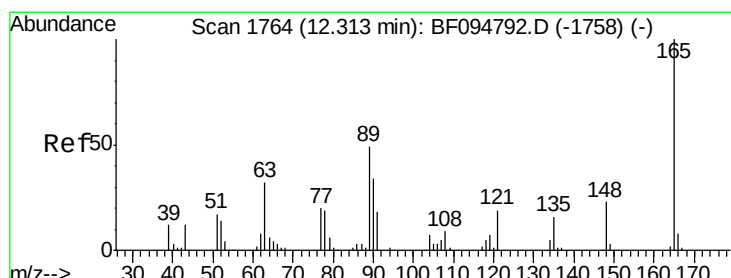
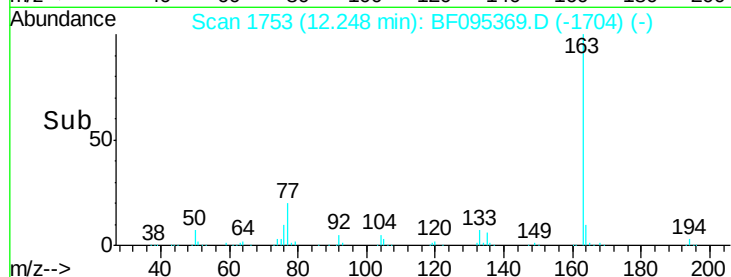
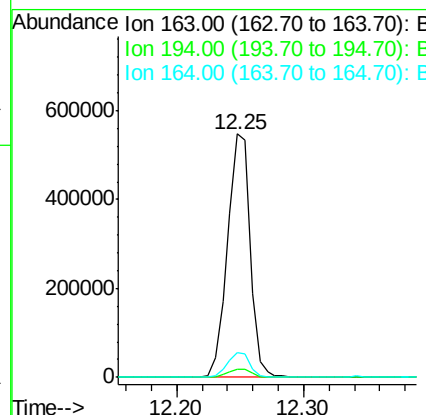
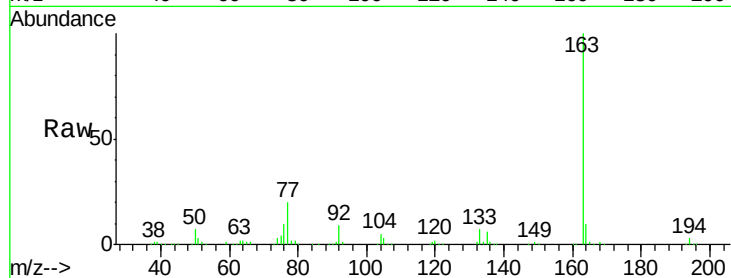
#49
Dimethylphthalate
Concen: 41.47 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	678684		
194	3.4	2.6	4.0	
164	10.2	8.4	12.6	

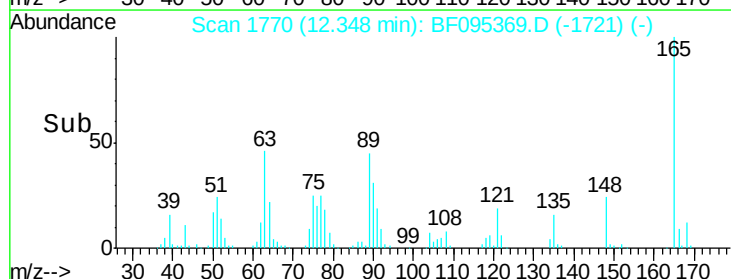
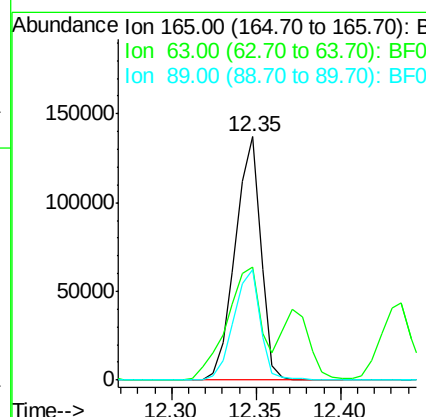
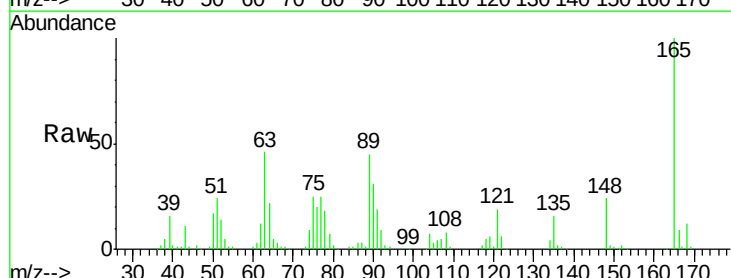
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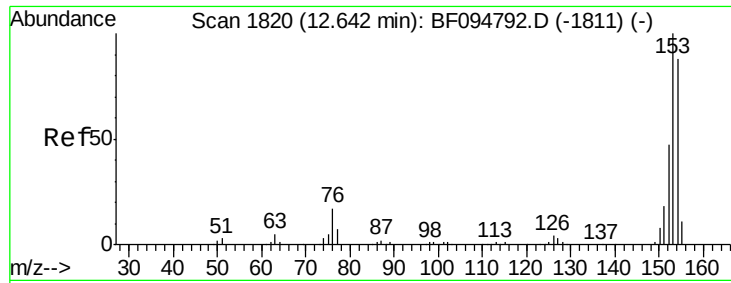
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#50
2,6-Dinitrotoluene
Concen: 43.09 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143869		
63	46.4	34.3	51.5	
89	45.3	37.1	55.7	





#51

Acenaphthene

Concen: 41.54 ng

RT: 12.66 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

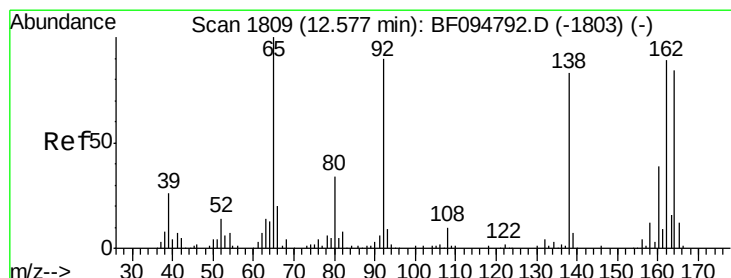
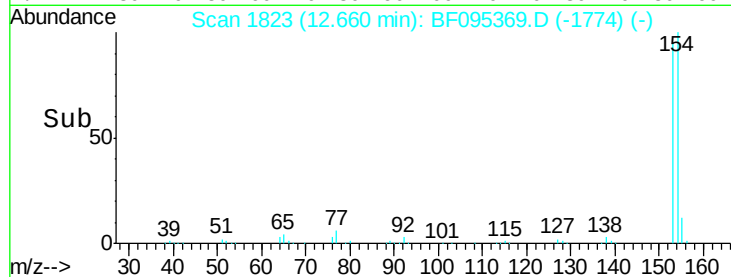
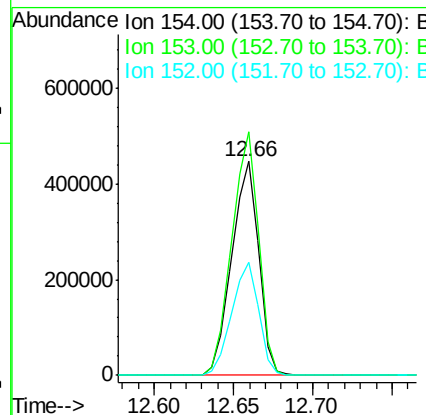
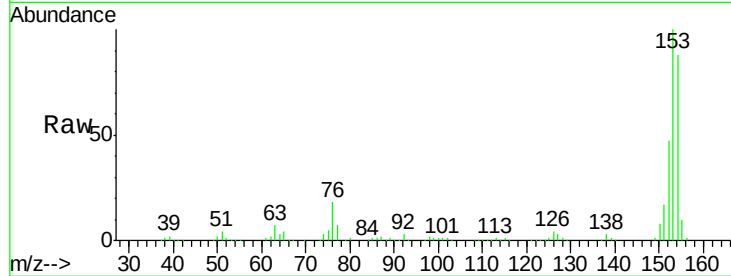
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	526590
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.5	135.7
152	53.2	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 42.87 ng

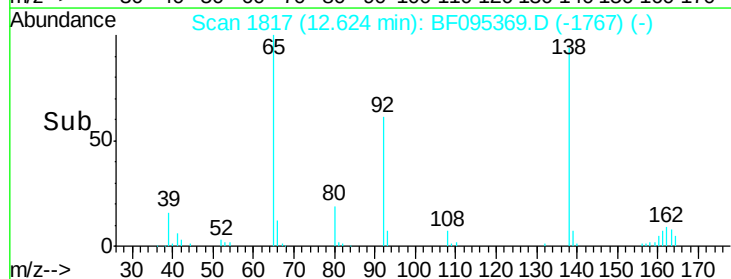
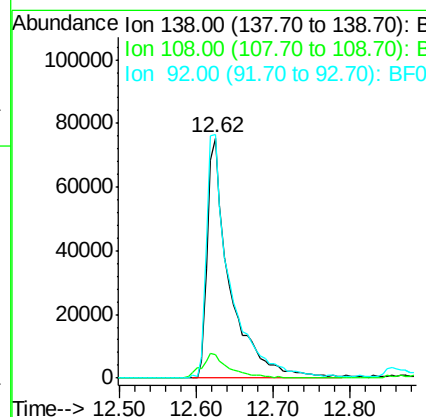
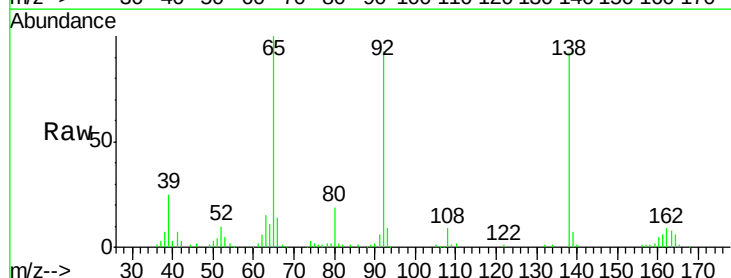
RT: 12.62 min Scan# 1817

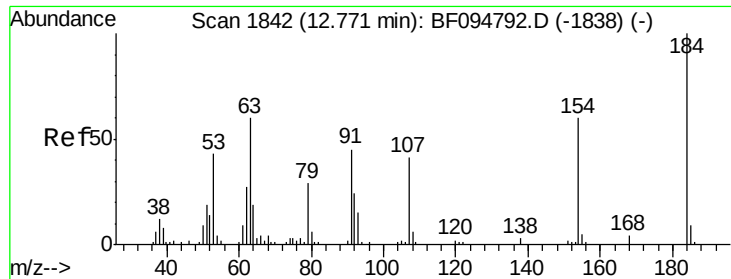
Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	138	Resp:	153615
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.1	13.7
92	101.3	93.8	140.6





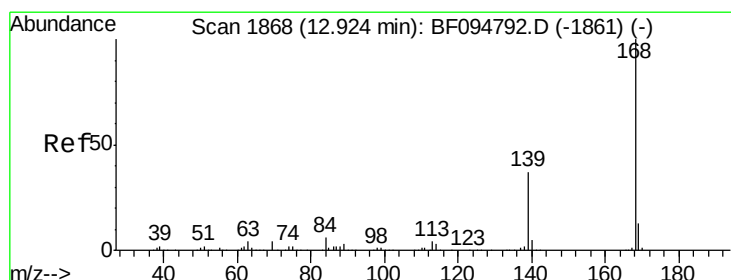
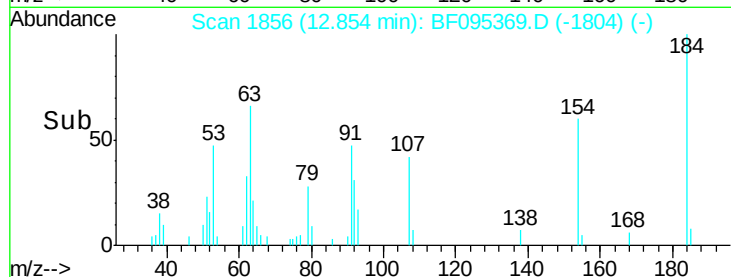
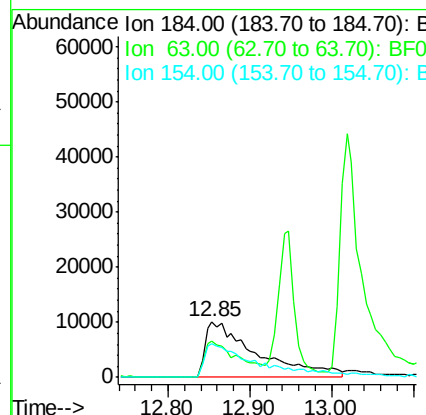
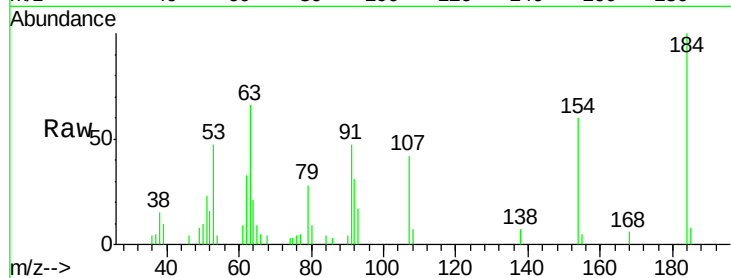
#53
2,4-Dinitrophenol
Concen: 28.38 ng
RT: 12.85 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 44154
Ion Ratio Lower Upper
184 100
63 65.6 62.7 94.1
154 59.7 81.1 121.7#

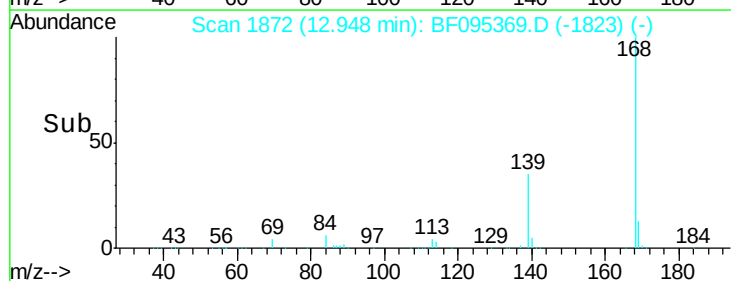
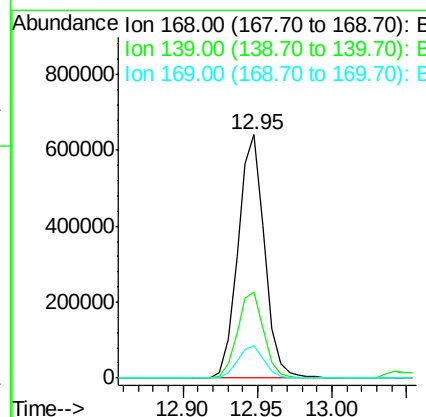
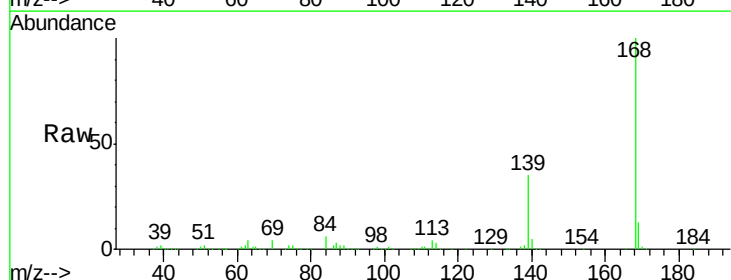
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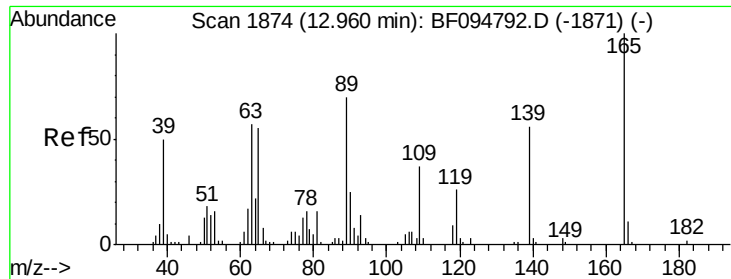
mohammad
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#54
Dibenzofuran
Concen: 45.17 ng
RT: 12.95 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion:168 Resp: 792524
Ion Ratio Lower Upper
168 100
139 35.4 30.6 45.8
169 13.3 10.8 16.2





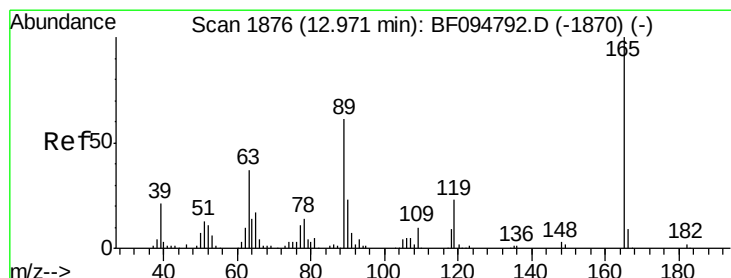
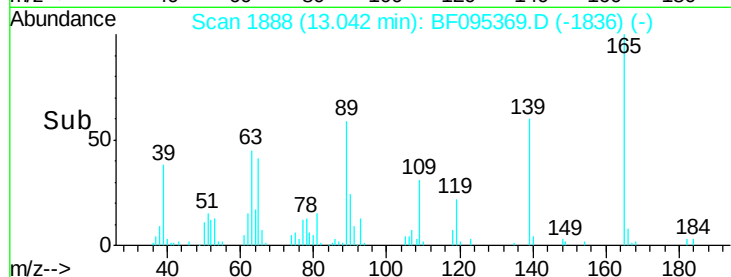
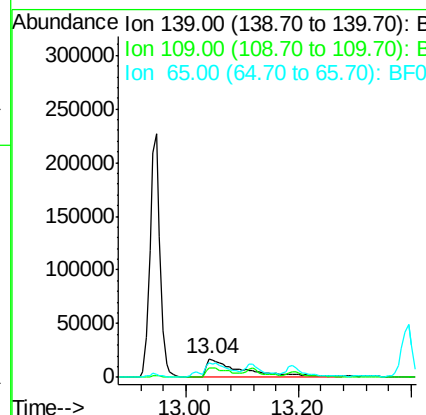
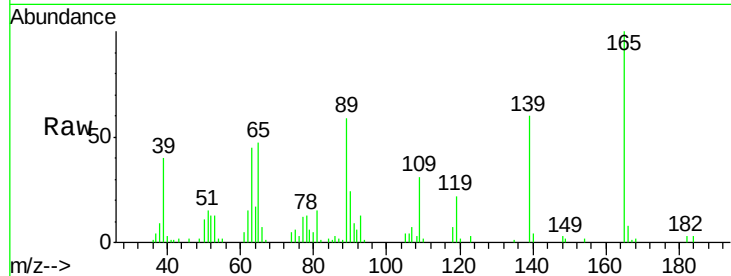
#55
4-Nitrophenol
Concen: 36.88 ng
RT: 13.04 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79370		
109	51.3	34.1	74.1	
65	79.0	31.4	71.4	

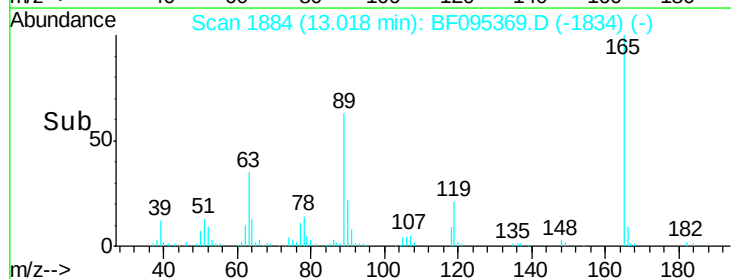
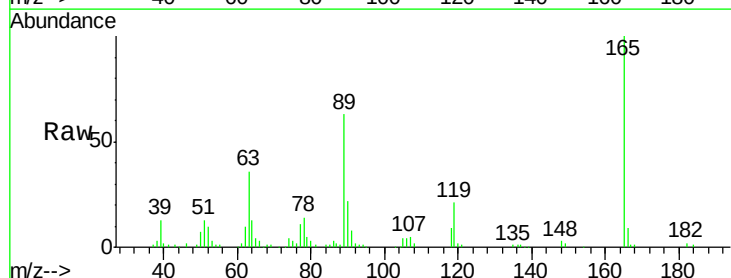
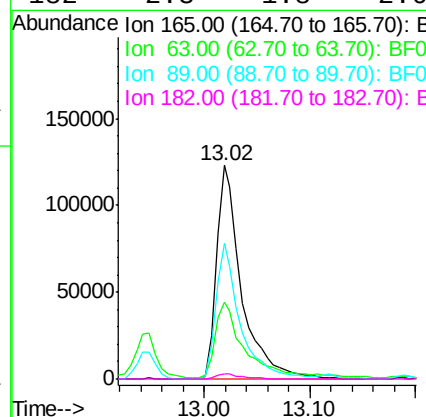
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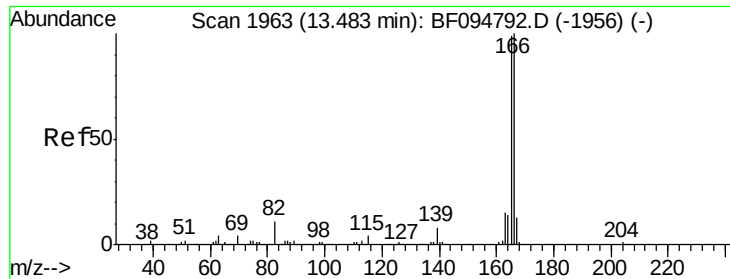
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#56
2,4-Dinitrotoluene
Concen: 47.61 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204217		
63	35.9	25.4	38.0	
89	63.3	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 43.32 ng

RT: 13.50 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

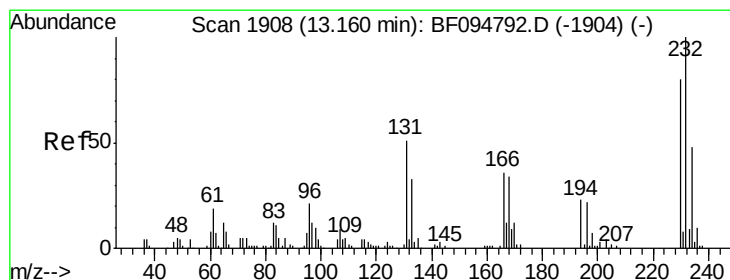
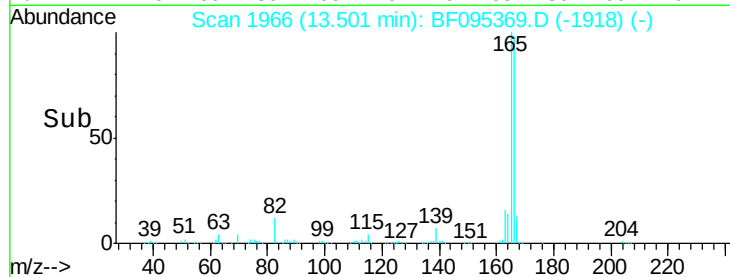
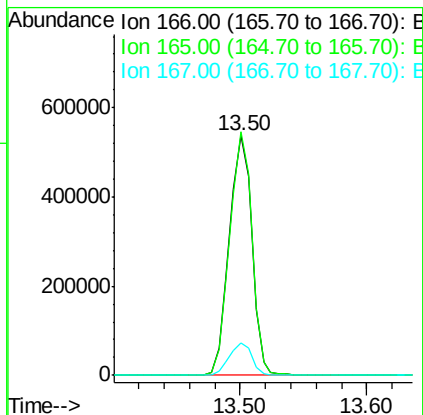
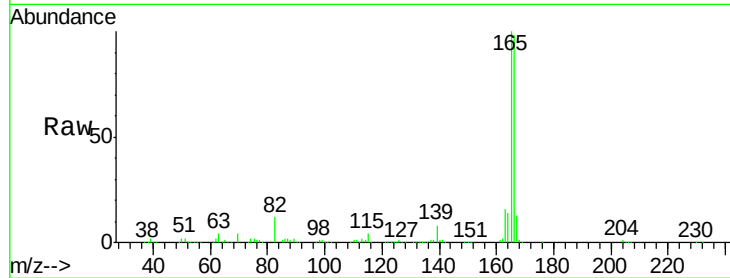
ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	660898
Ion Ratio	Lower	Upper	
166	100		
165	101.7	78.8	118.2
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.61 ng

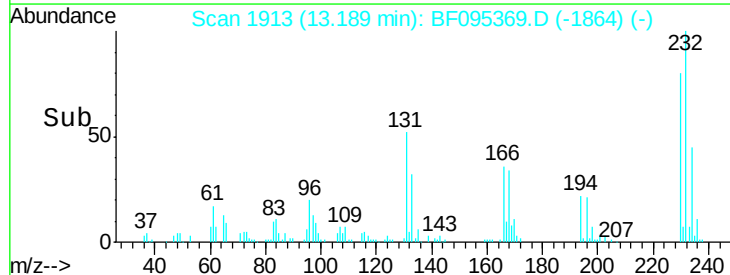
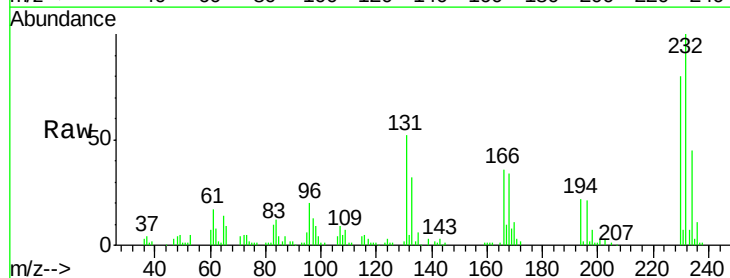
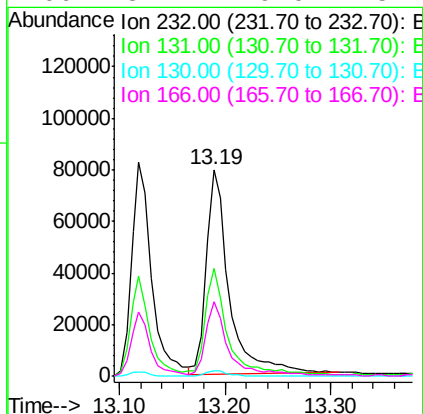
RT: 13.19 min Scan# 1913

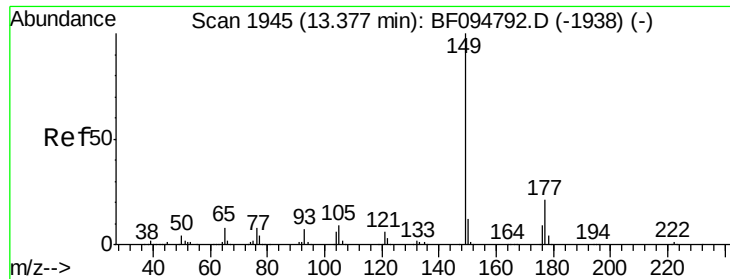
Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	232	Resp:	120723
Ion Ratio	Lower	Upper	
232	100		
131	51.0	44.8	67.2
130	2.3	2.3	3.5#
166	37.2	29.0	43.4





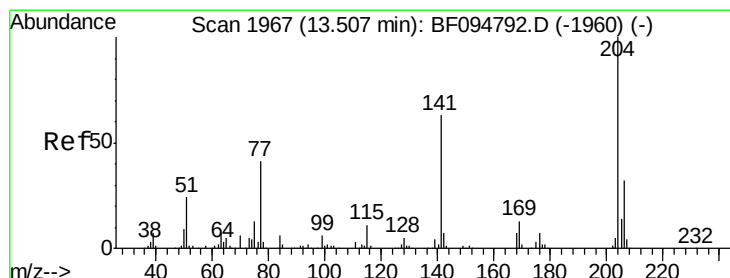
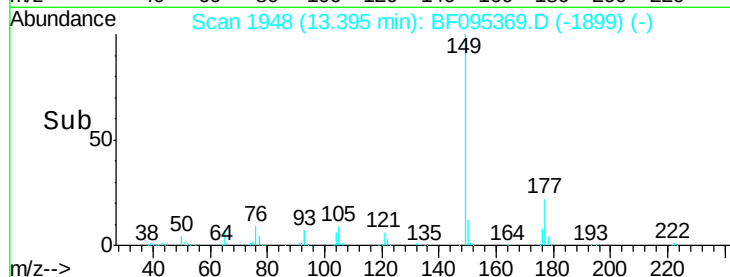
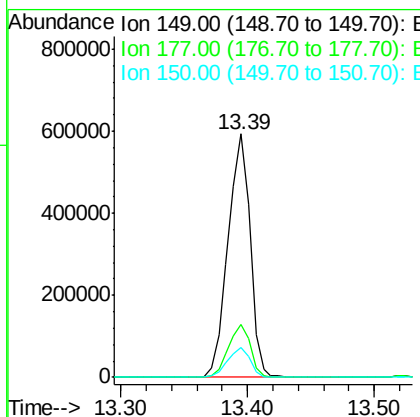
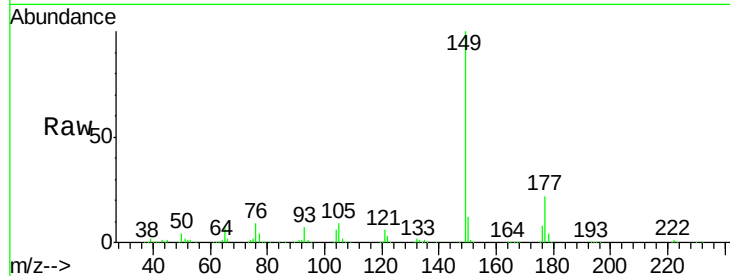
#59
Diethylphthalate
Concen: 45.53 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	714166		
177	21.9	16.7	25.1	
150	12.2	10.2	15.2	

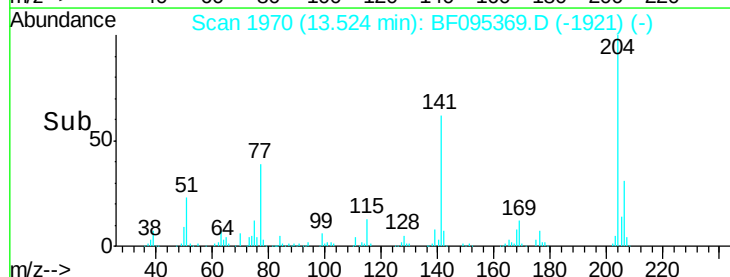
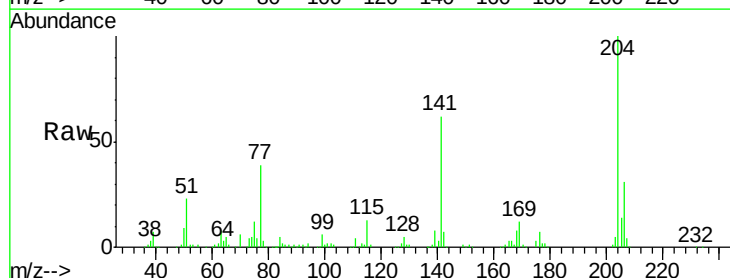
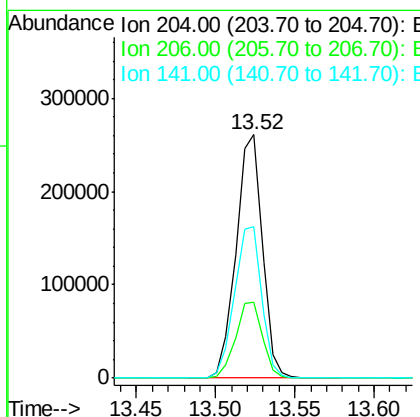
Manual Integrations
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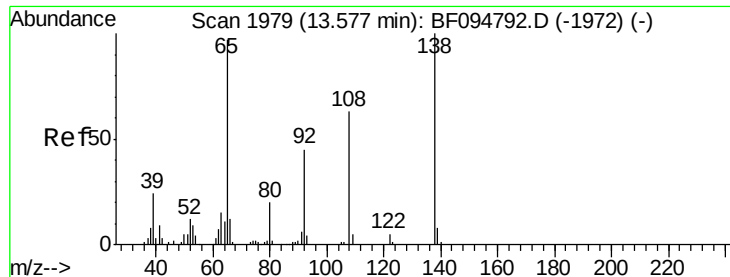
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#60
4-Chlorophenyl-phenylether
Concen: 44.73 ng
RT: 13.52 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	299860		
206	31.0	26.2	39.2	
141	62.4	60.8	91.2	





#61

4-Nitroaniline

Concen: 38.51 ng

RT: 13.62 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

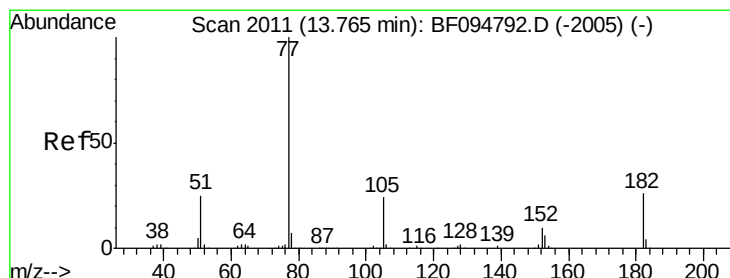
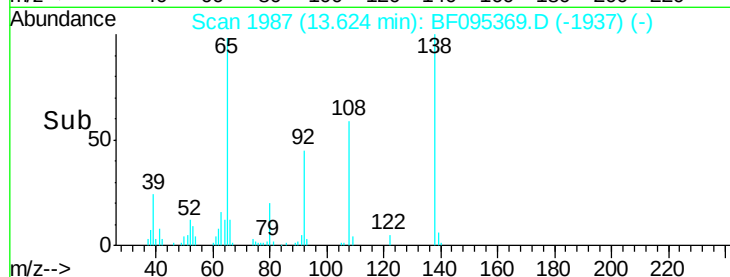
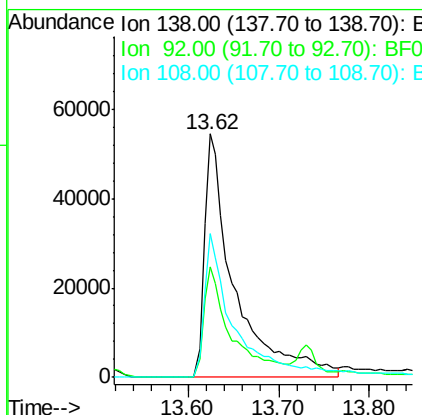
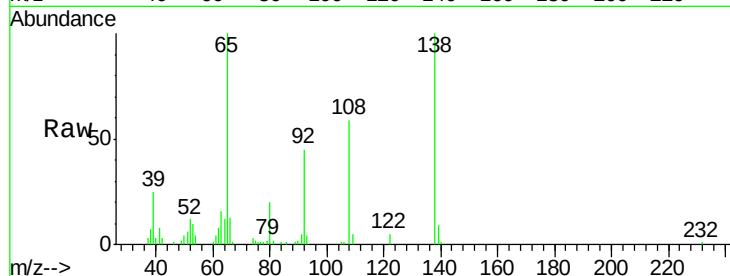
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	126665
Ion Ratio	Lower	Upper	
138	100		
92	45.4	21.8	61.8
108	59.3	42.3	82.3

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#62

Azobenzene

Concen: 45.15 ng

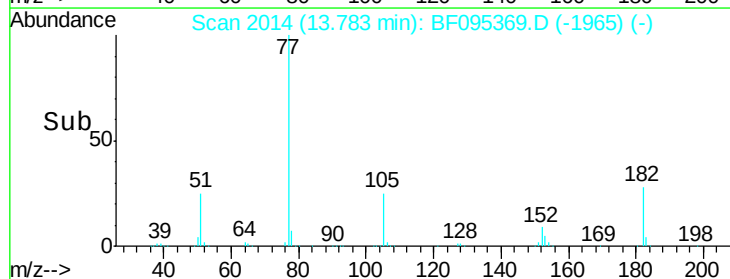
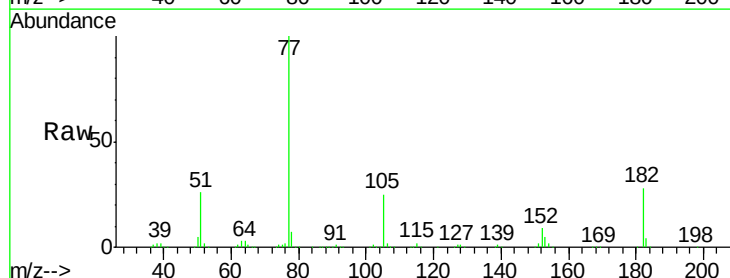
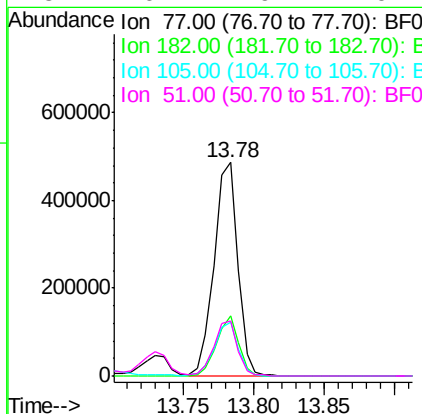
RT: 13.78 min Scan# 2014

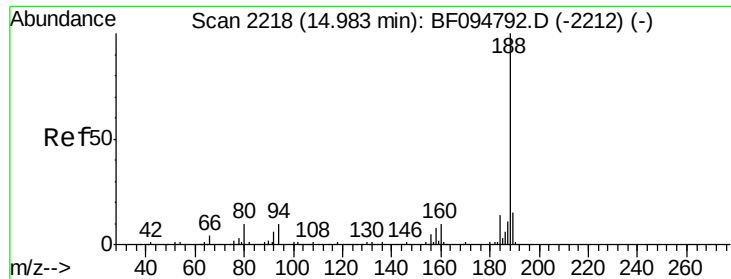
Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	77	Resp:	569084
Ion Ratio	Lower	Upper	
77	100		
182	28.4	0.1	40.1
105	25.0	3.6	43.6
51	26.1	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

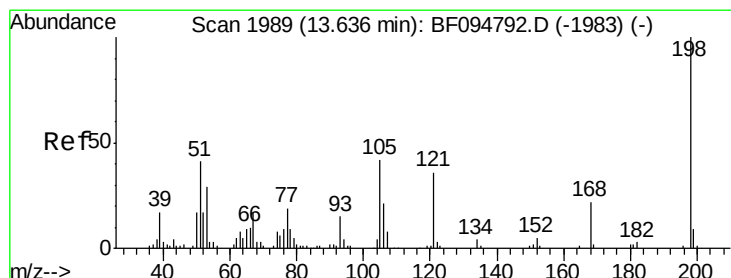
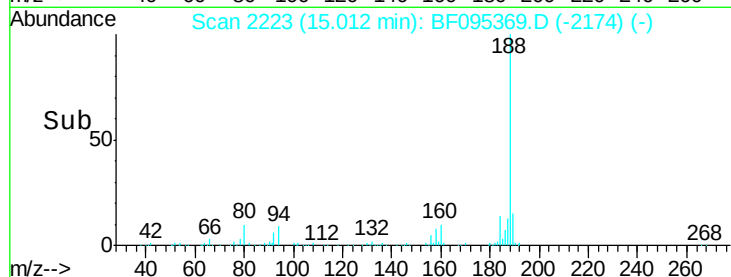
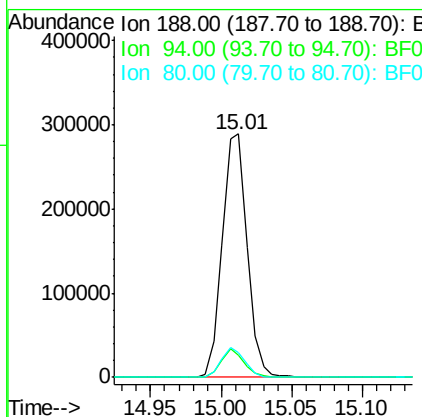
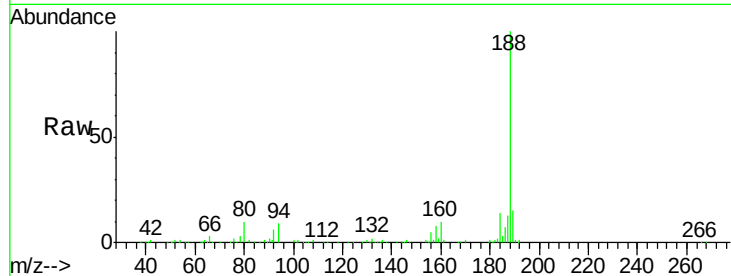
ClientSampleId :

SSTDCCC040

Tgt Ion:	188	Resp:	353897
Ion Ratio	Lower	Upper	
188	100		
94	9.2	9.4	14.2#
80	10.0	10.2	15.2#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 33.22 ng

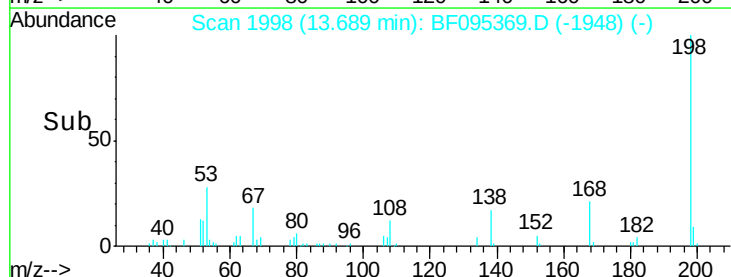
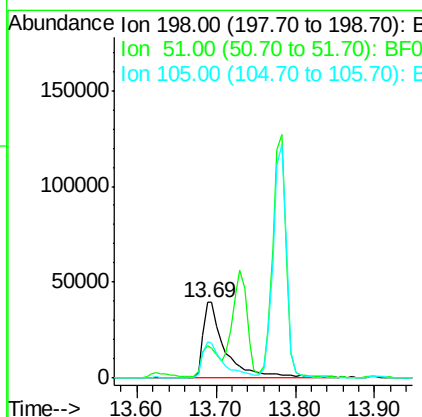
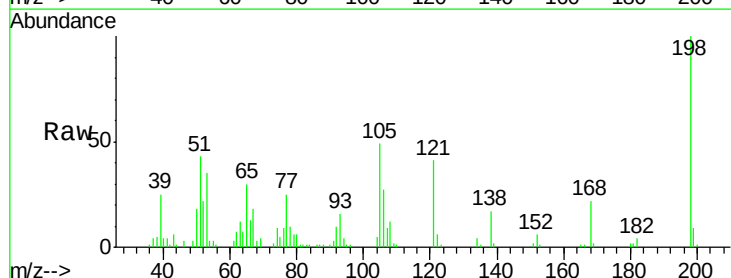
RT: 13.69 min Scan# 1998

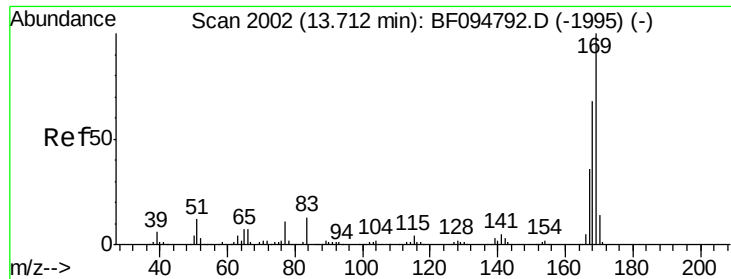
Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	198	Resp:	78809
Ion Ratio	Lower	Upper	
198	100		
51	43.3	53.2	93.2#
105	48.6	45.8	85.8





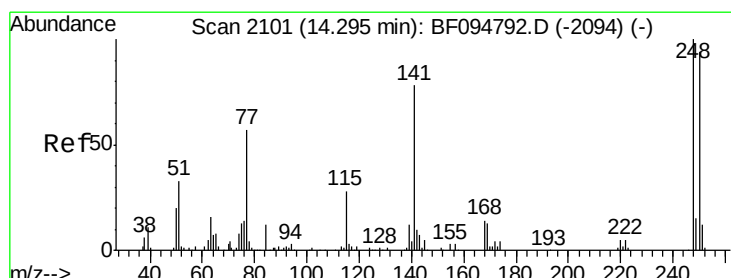
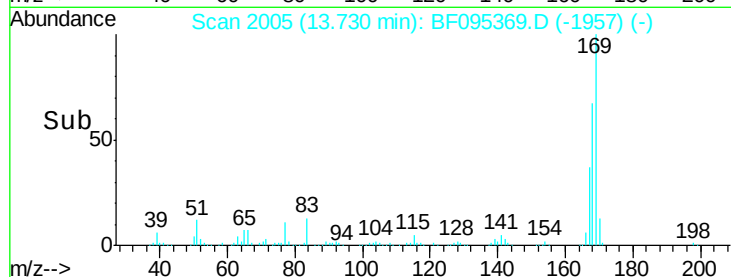
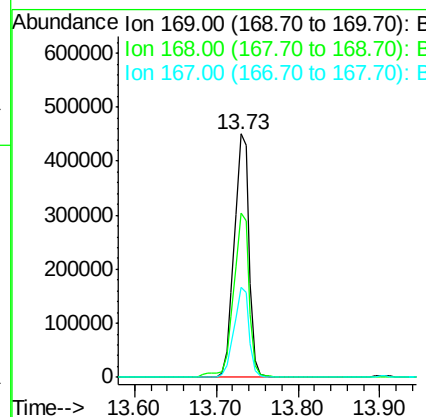
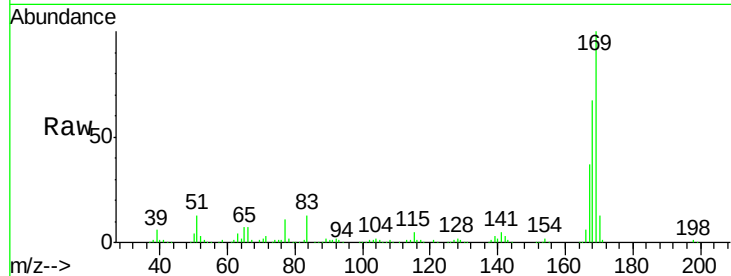
#65
n-Nitrosodiphenylamine
Concen: 44.54 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	572124		
168	67.3	53.2	79.8	
167	36.7	29.5	44.3	

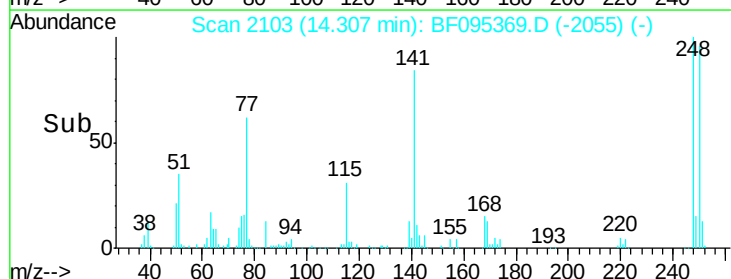
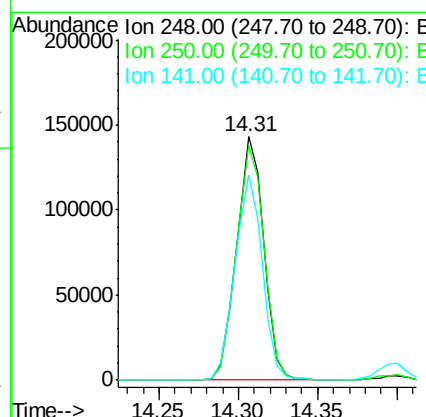
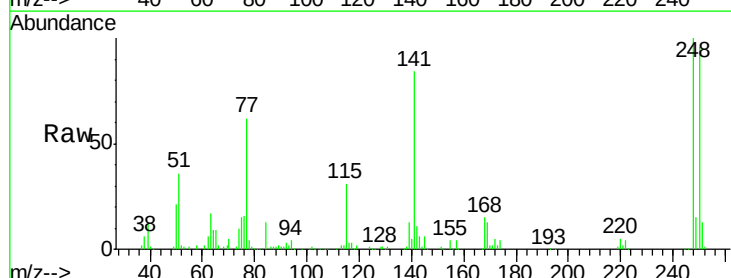
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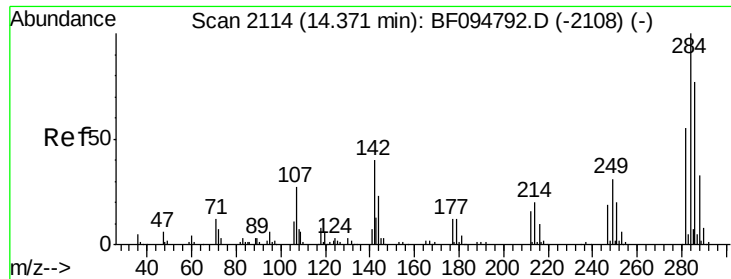
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 45.59 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	170444		
250	96.3	76.8	115.2	
141	84.2	68.6	103.0	





#67

Hexachlorobenzene

Concen: 44.05 ng

RT: 14.40 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

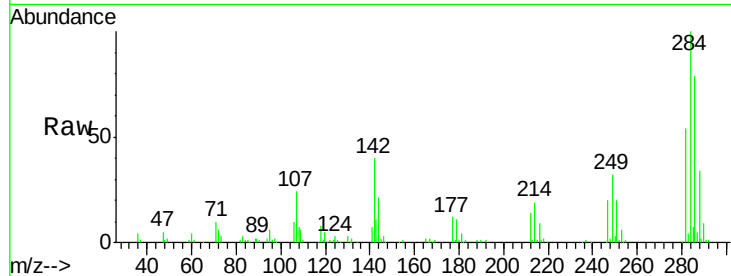
ClientSampleId :

SSTDCCC040

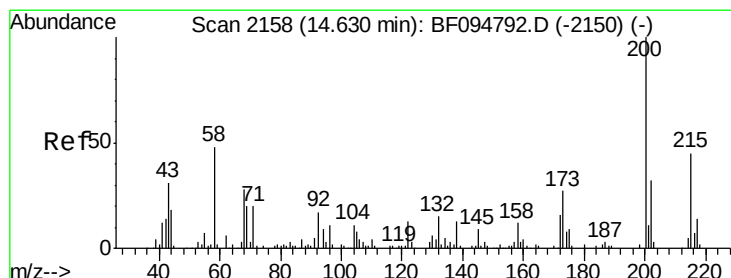
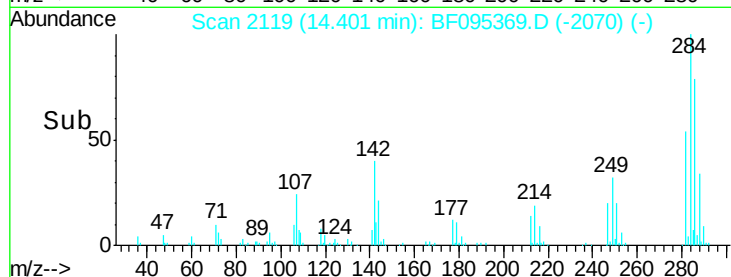
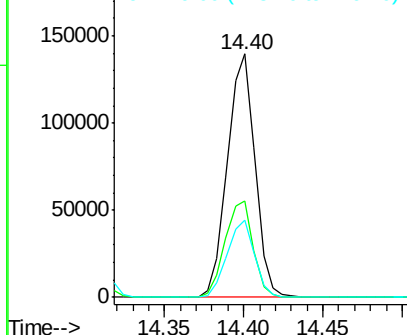
Tgt Ion:	284	Resp:	168786
Ion Ratio	Lower	Upper	
284	100		
142	39.8	22.8	34.2#
249	31.7	24.0	36.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.04 ng

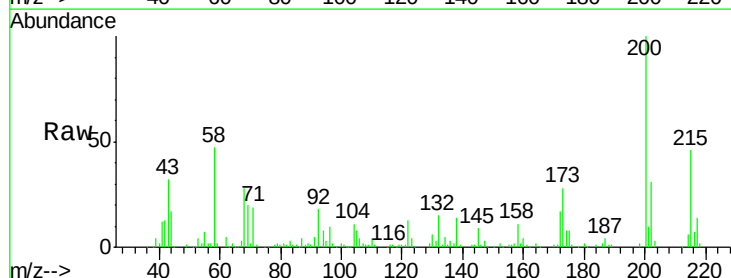
RT: 14.65 min Scan# 2162

Delta R.T. -0.01 min

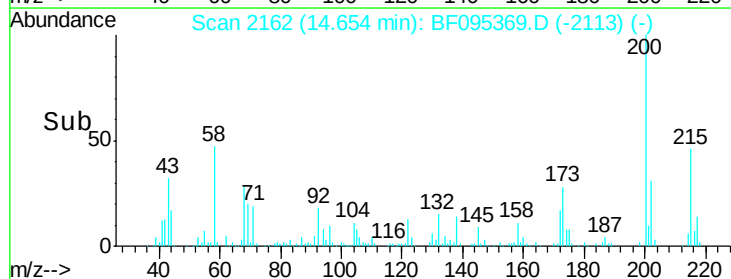
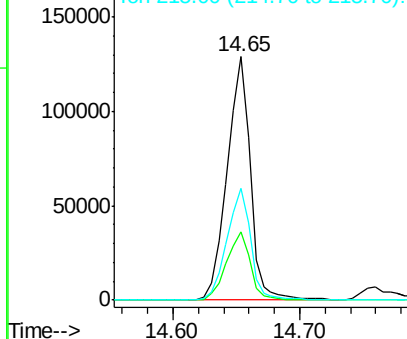
Lab File: BF095369.D

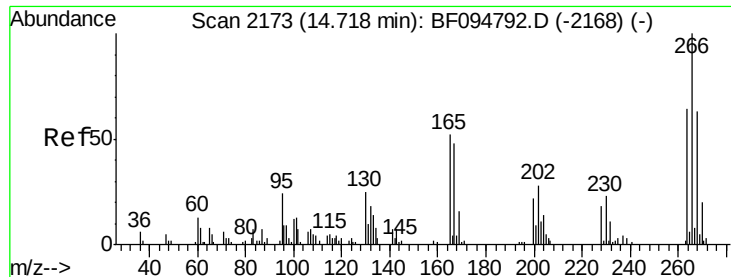
Acq: 24 May 2017 3:14

Tgt Ion:	200	Resp:	163339
Ion Ratio	Lower	Upper	
200	100		
173	28.3	6.3	46.3
215	45.7	27.2	67.2



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





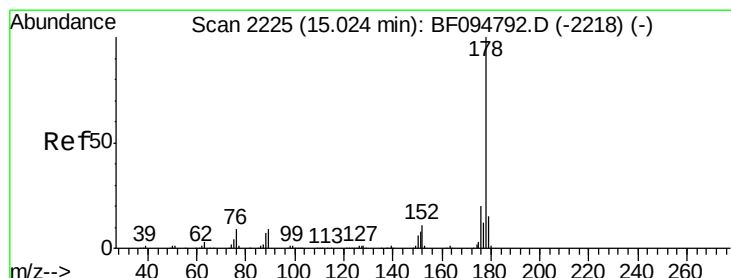
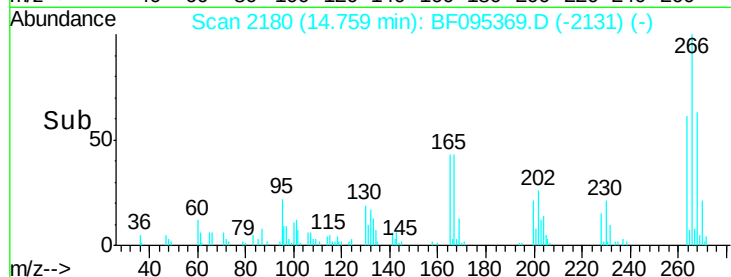
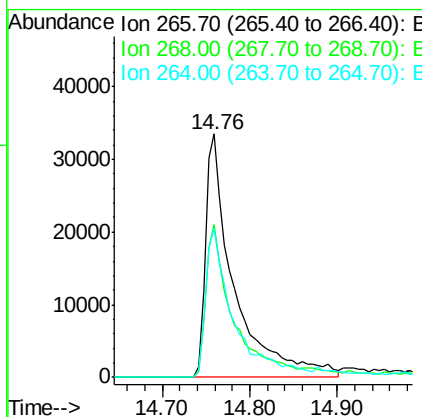
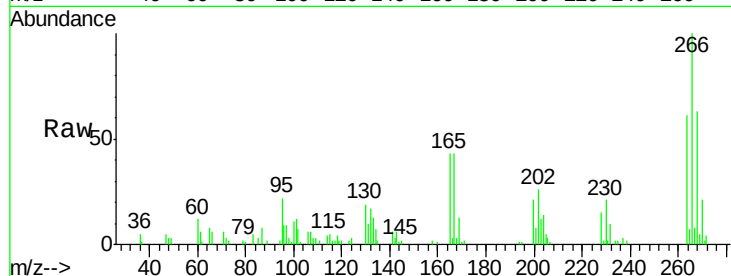
#69
 Pentachlorophenol
 Concen: 46.11 ng
 RT: 14.76 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.0	51.7	77.5

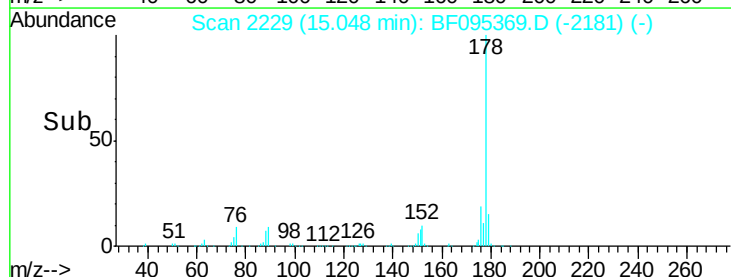
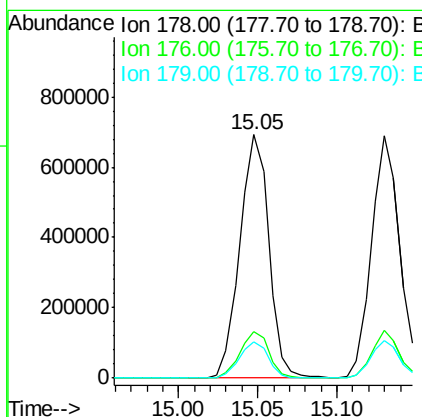
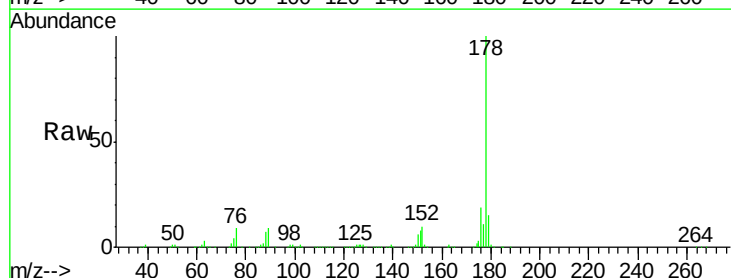
Manual Integrations
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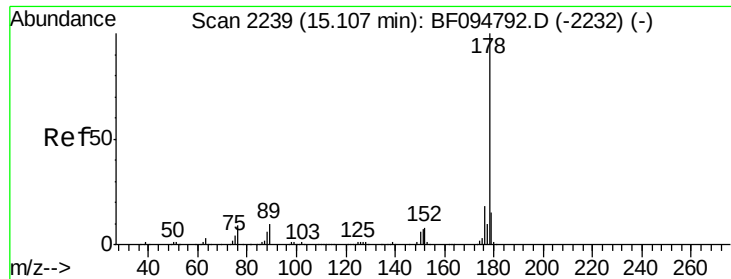
mohammad
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#70
 Phenanthrene
 Concen: 43.36 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.1	12.6	19.0





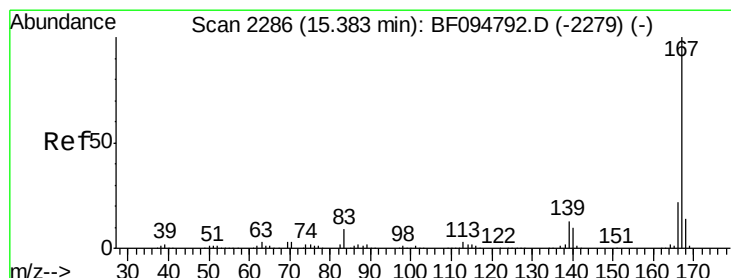
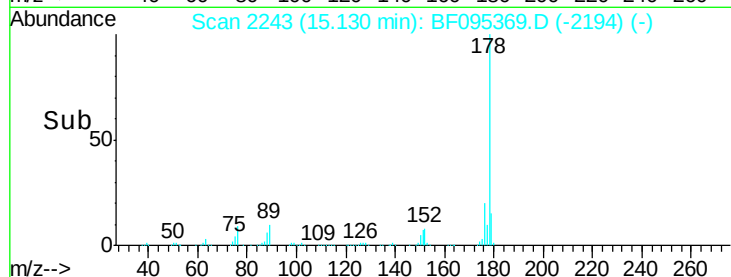
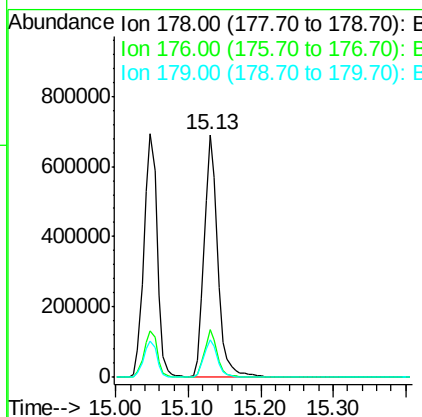
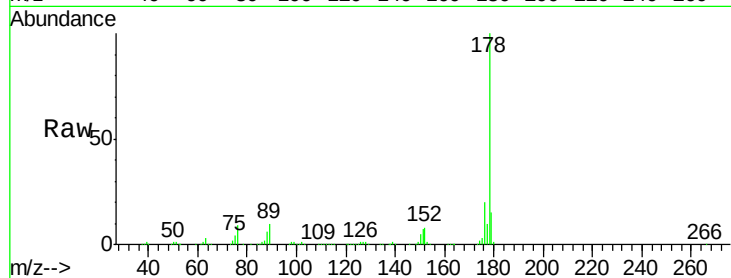
#71
 Anthracene
 Concen: 43.54 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	12.7	19.1

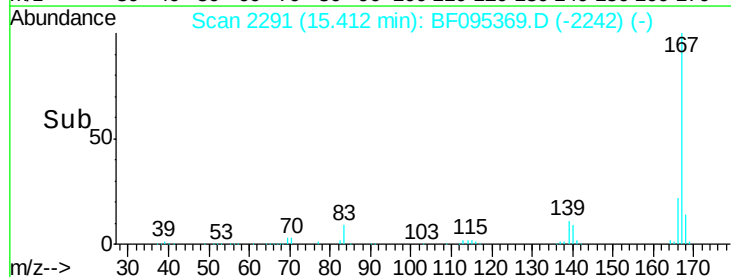
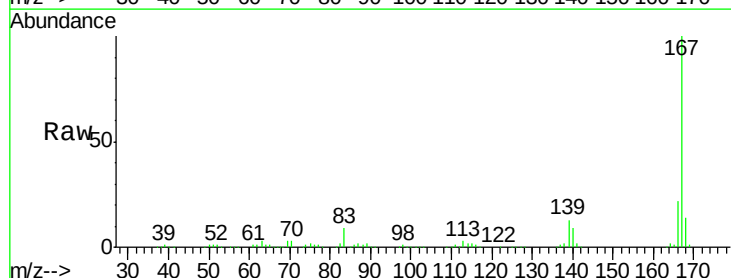
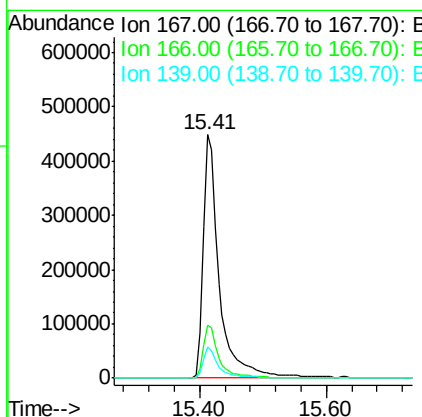
Manual Integrations
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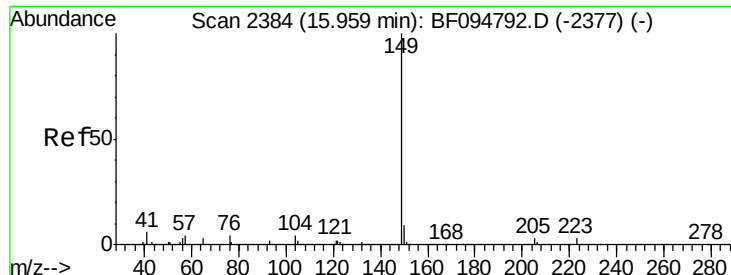
mohammad
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#72
 Carbazole
 Concen: 41.90 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.7	11.7	17.5





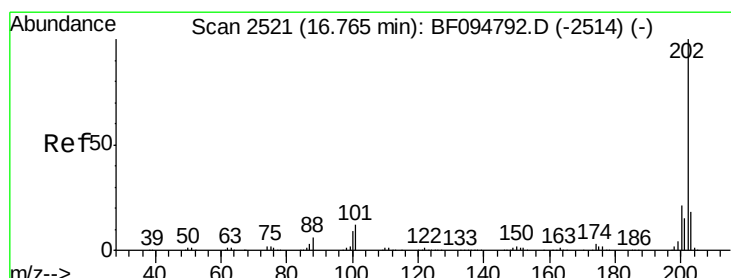
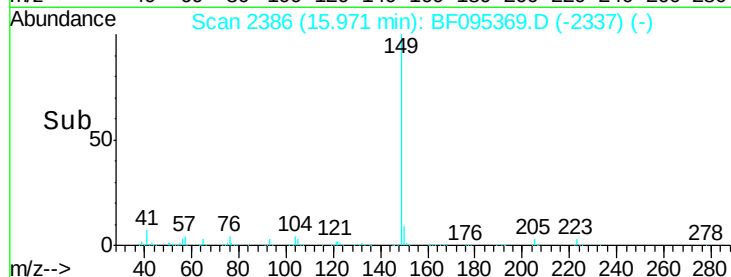
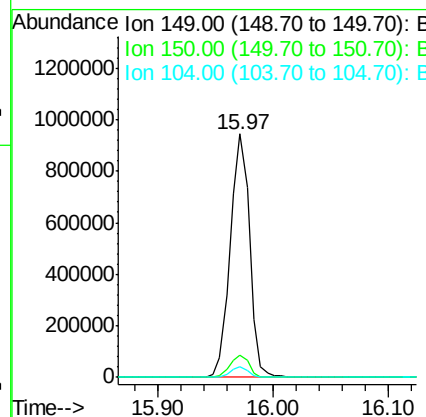
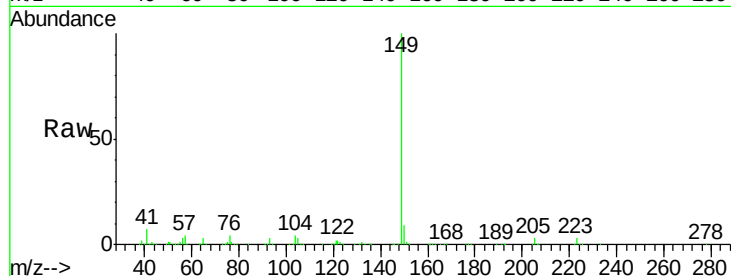
#73
 Di-n-butylphthalate
 Concen: 46.52 ng
 RT: 15.97 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

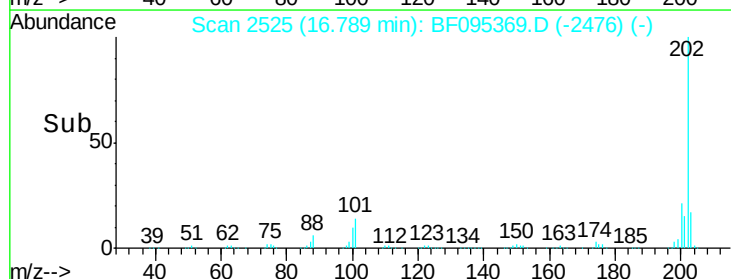
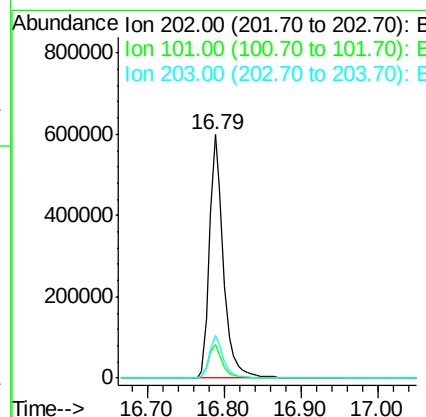
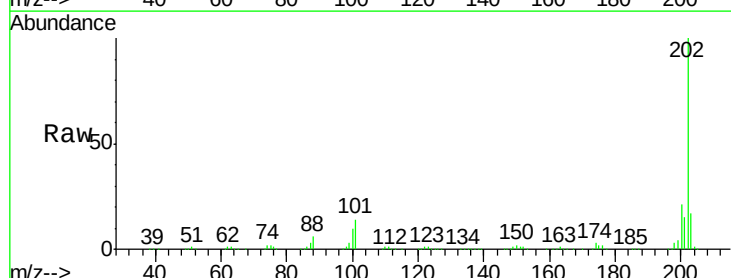
Manual Integrations
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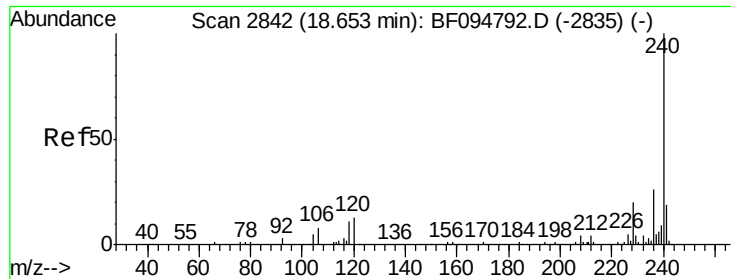
mohammad
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#74
 Fluoranthene
 Concen: 36.08 ng
 RT: 16.79 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.4	0.0	38.1





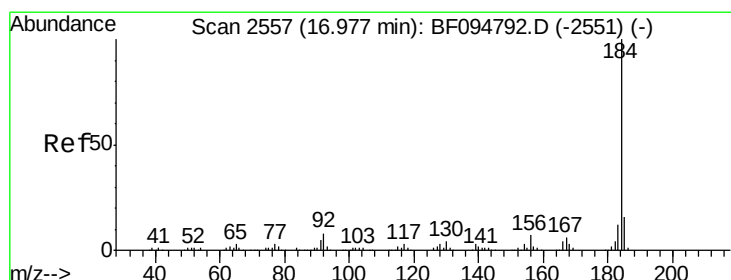
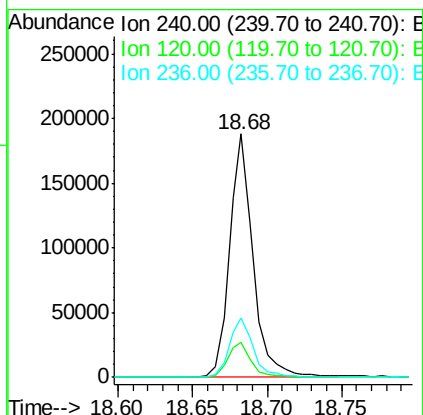
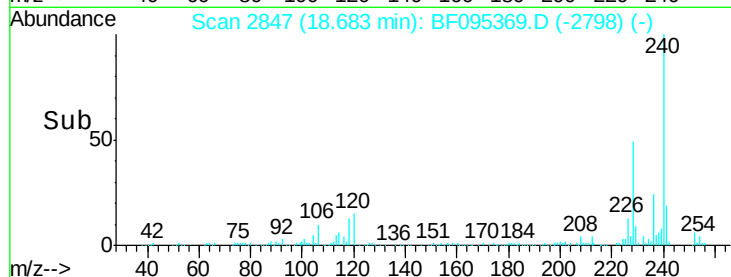
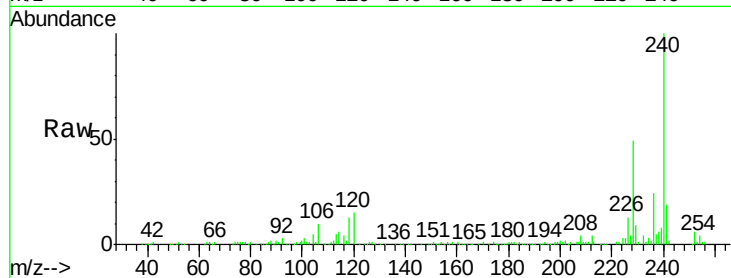
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	208551		
120	14.6	5.8	8.8#	
236	24.5	20.5	30.7	

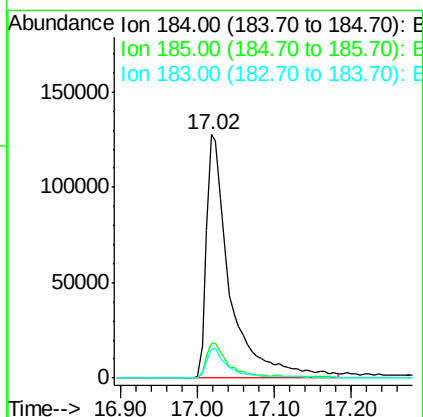
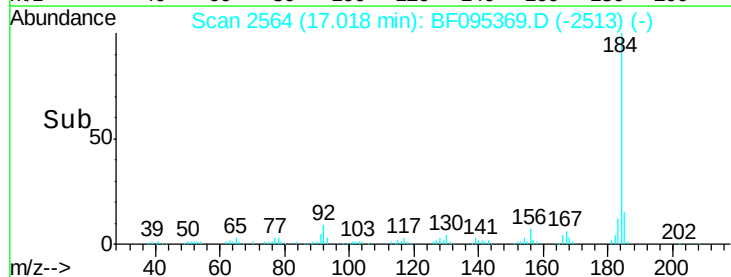
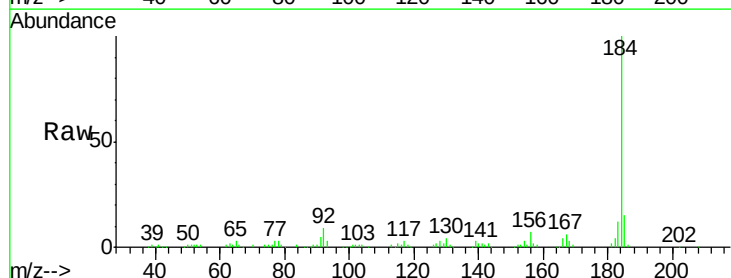
Manual Integrations
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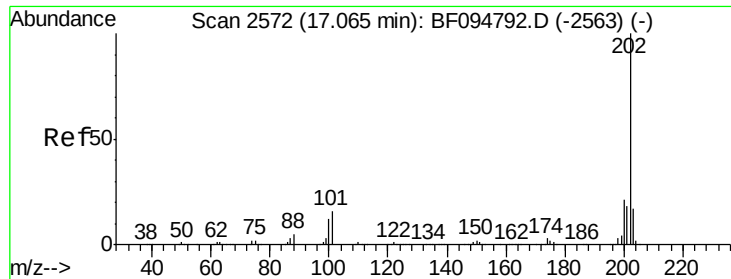
mohammad
5/24/2017 4:43:23 PM



#76
Benzidine
Concen: 48.03 ng
RT: 17.02 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	270902		
185	14.5	15.5	23.3#	
183	11.6	9.8	14.6	





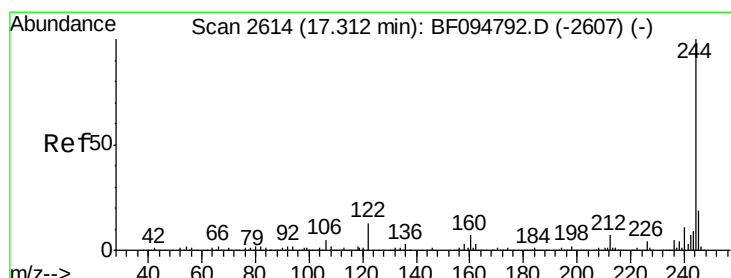
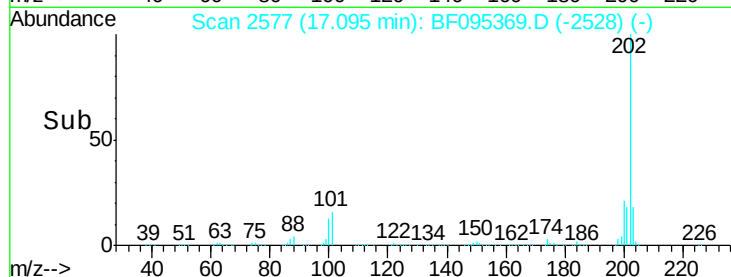
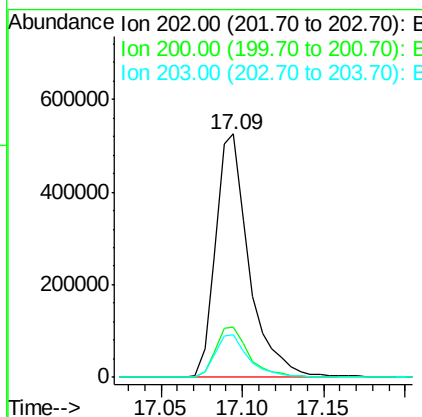
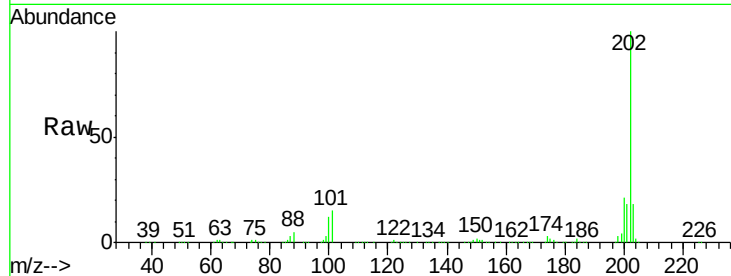
#77
 Pyrene
 Concen: 47.99 ng m
 RT: 17.09 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	202	Resp:	748466
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	17.5	14.4	21.6

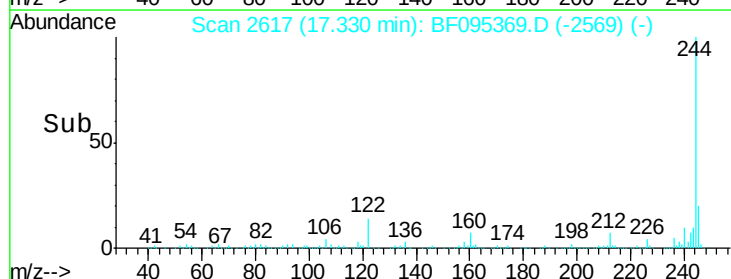
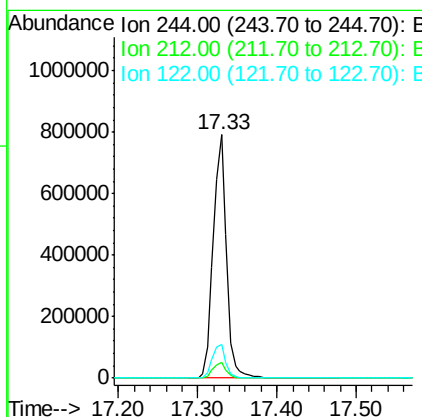
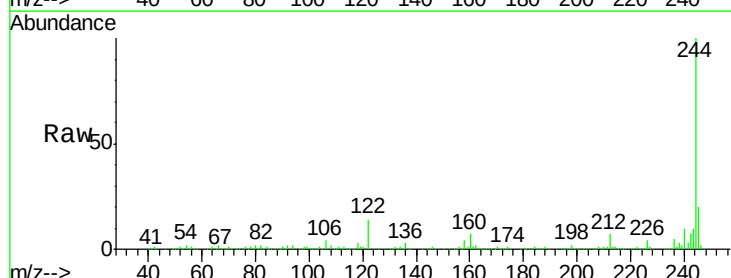
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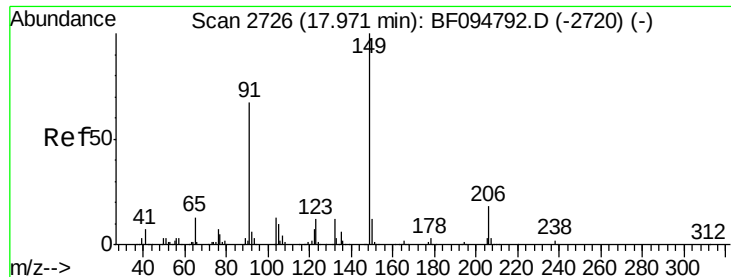
mohammad
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#78
 Terphenyl-d14
 Concen: 97.16 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion:	244	Resp:	919979
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	13.7	10.3	15.5





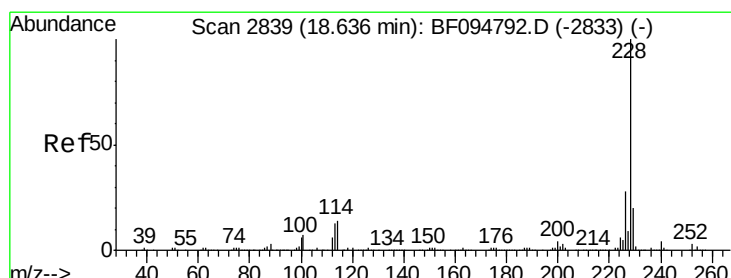
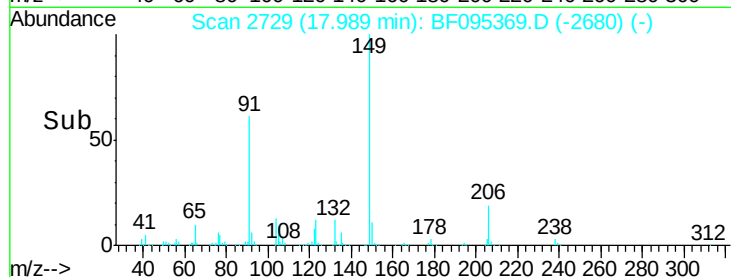
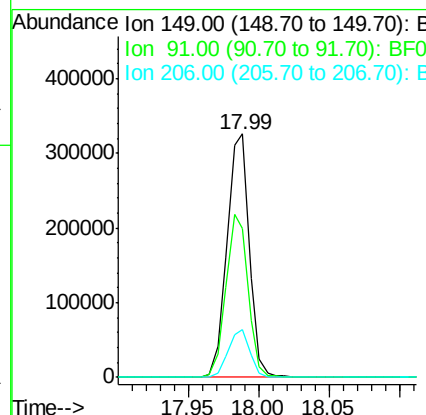
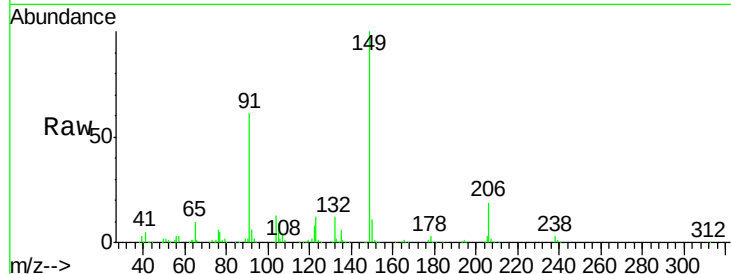
#79
Butylbenzylphthalate
Concen: 49.31 ng
RT: 17.99 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	357747		
91	61.2	45.0	67.4	
206	19.4	17.0	25.6	

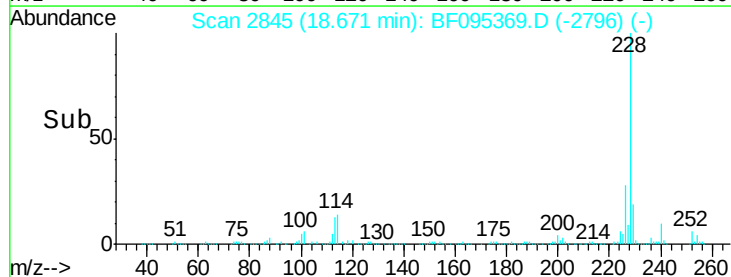
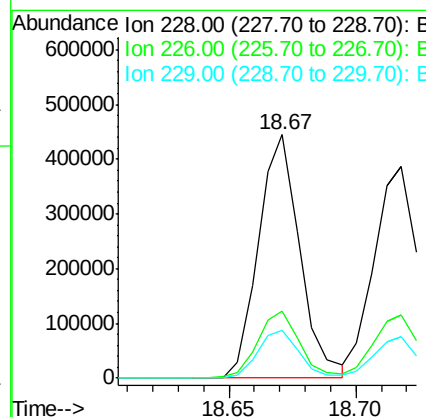
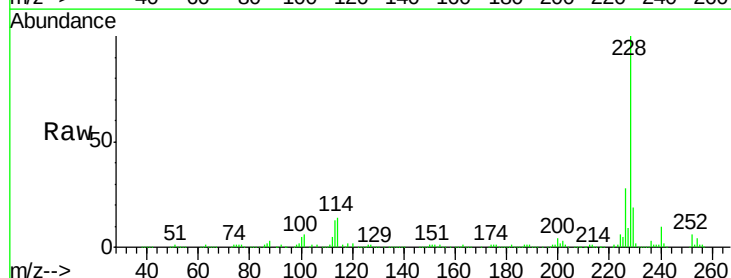
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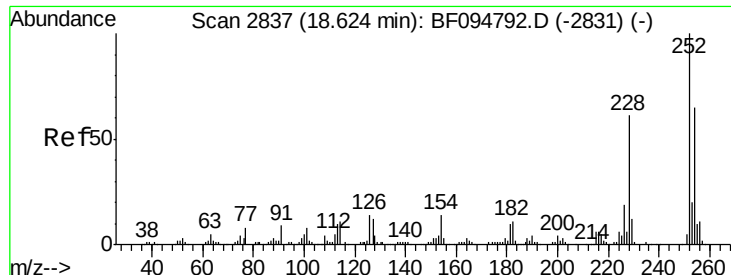
mohammad
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#80
Benzo(a)anthracene
Concen: 41.85 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	507942		
226	27.6	22.6	33.8	
229	19.4	16.3	24.5	





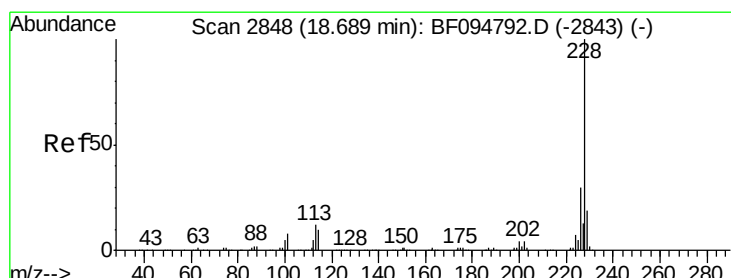
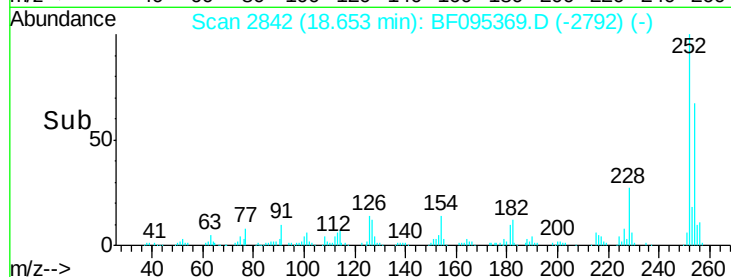
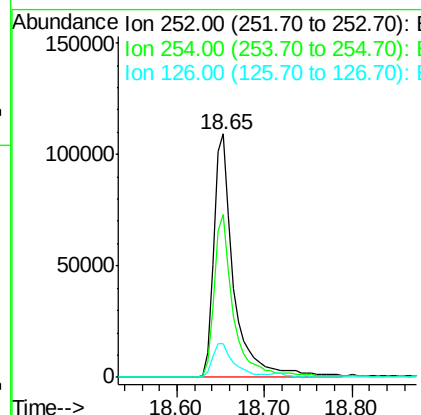
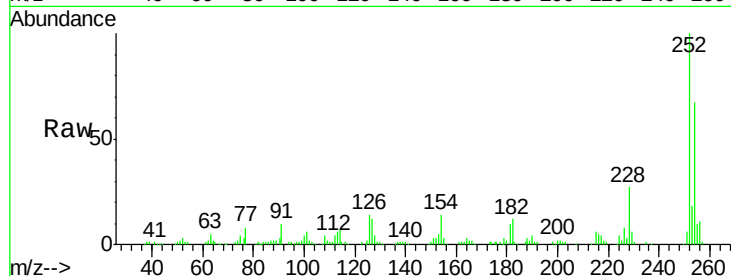
#81
 3,3'-Dichlorobenzidine
 Concen: 41.49 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.8	51.5	77.3
126	14.0	15.8	23.8

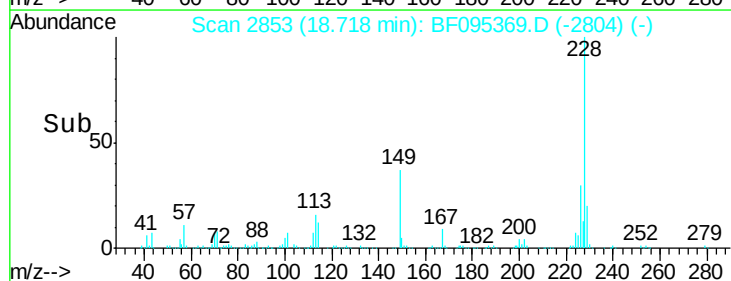
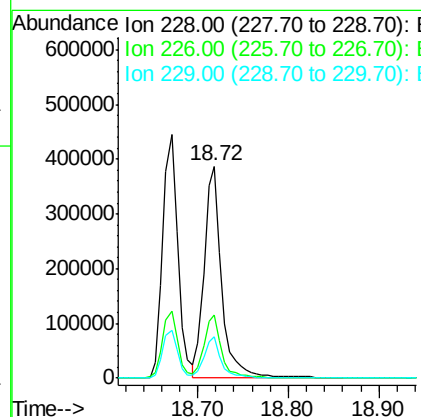
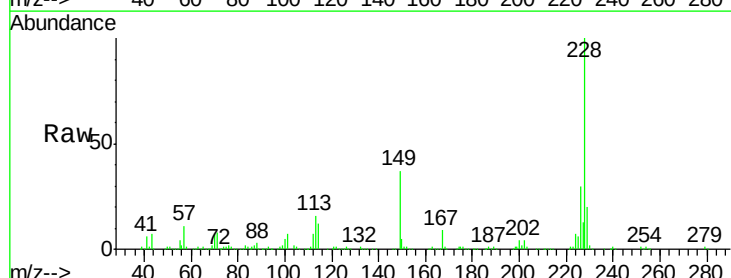
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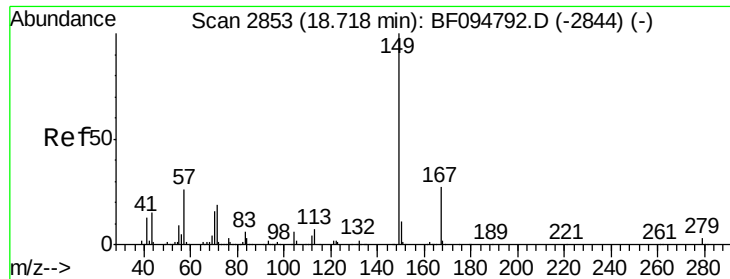
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#82
 Chrysene
 Concen: 44.54 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.9	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.87 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 494820
Ion Ratio Lower Upper

149 100

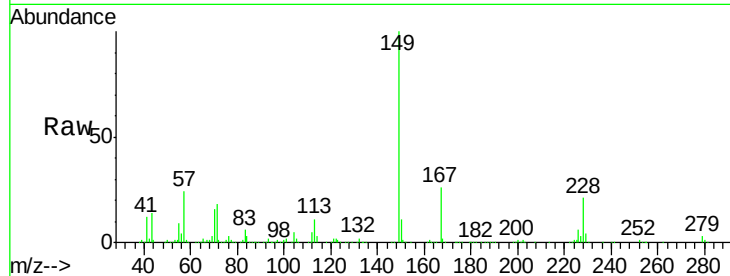
167 26.3 21.0 31.4

279 3.0 1.9 2.9#

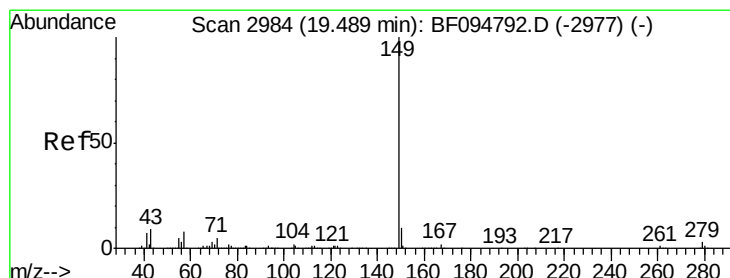
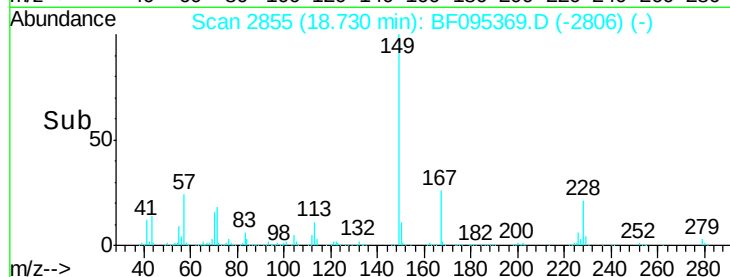
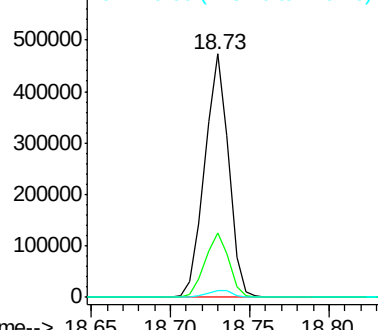
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.90 ng

RT: 19.50 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BF095369.D

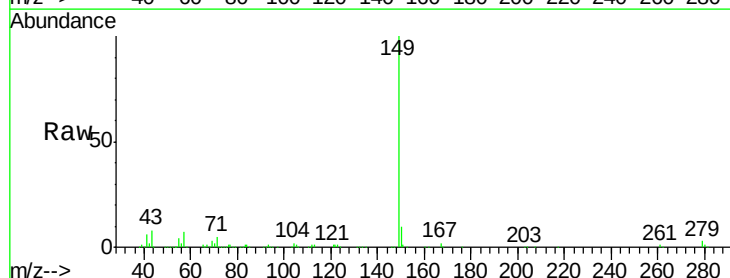
Acq: 24 May 2017 3:14

Tgt Ion:149 Resp: 760888
Ion Ratio Lower Upper

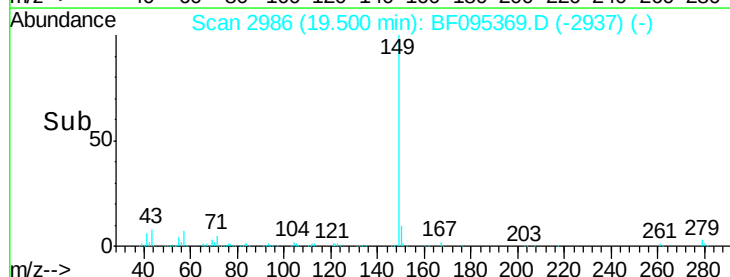
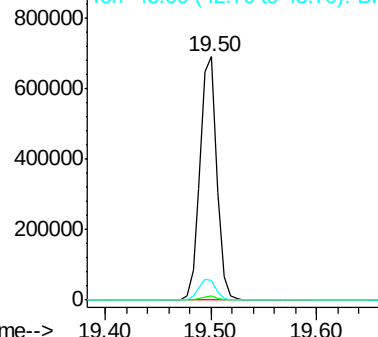
149 100

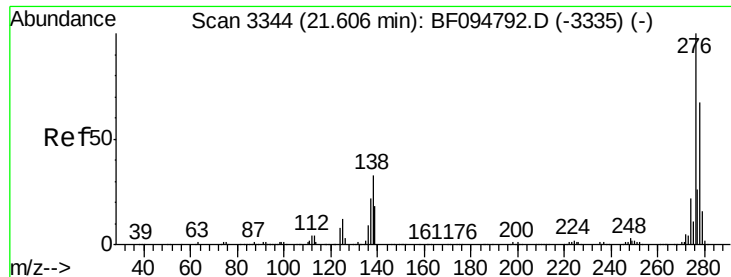
167 1.5 1.2 1.8

43 9.2 8.5 12.7



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





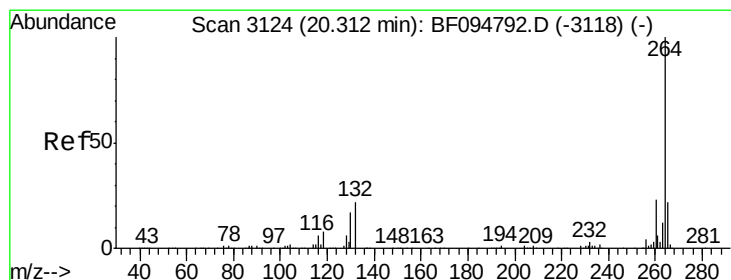
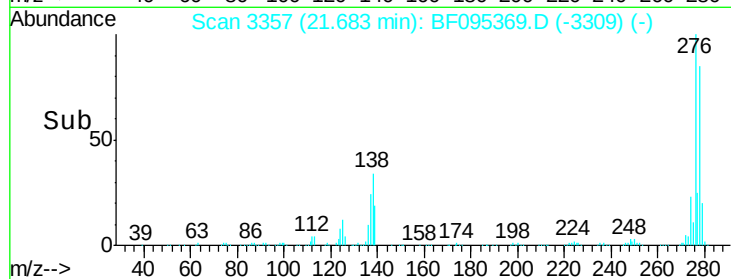
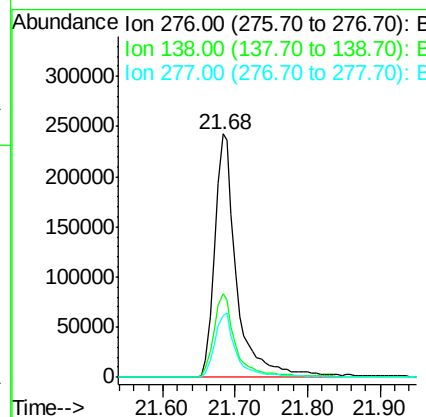
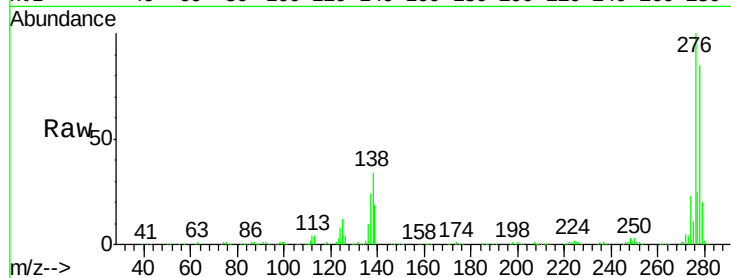
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.75 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. -0.02 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	26.2	20.2	30.4

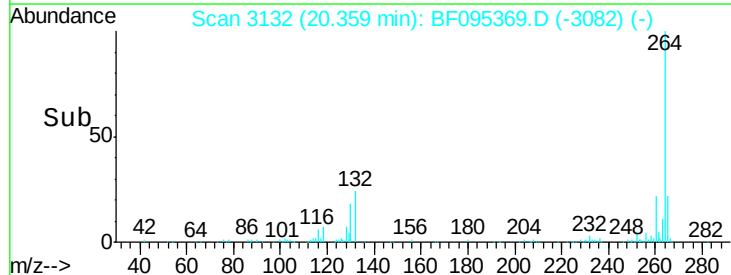
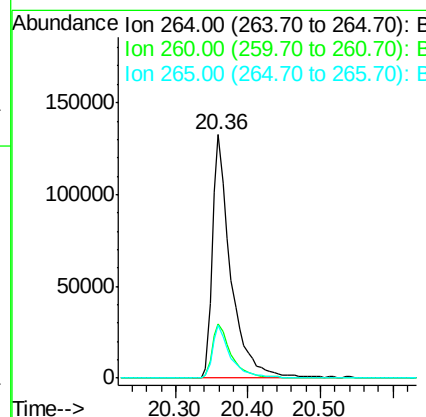
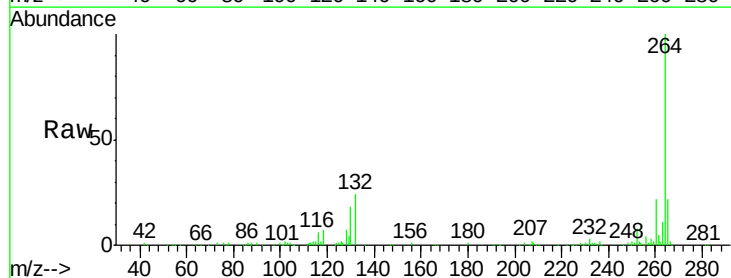
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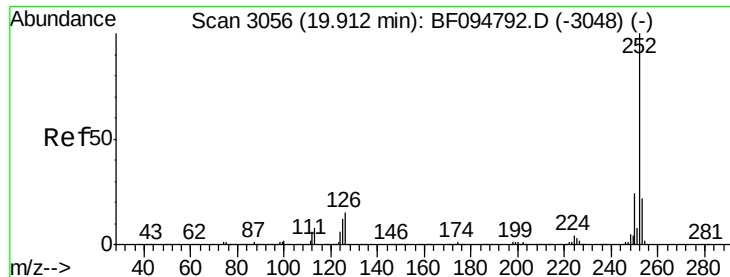
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 35.60 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Instrument :

BNA_F

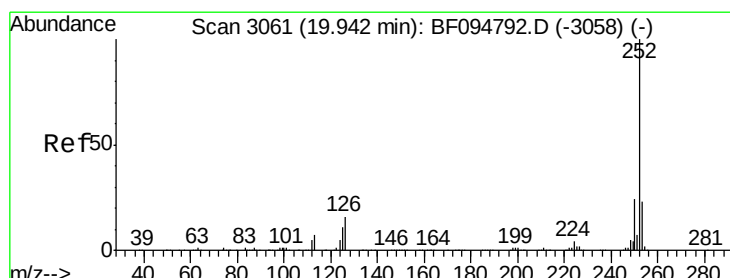
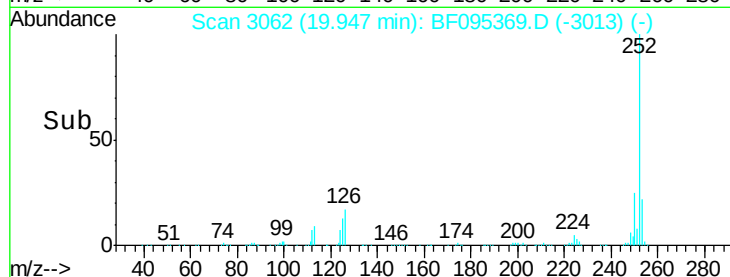
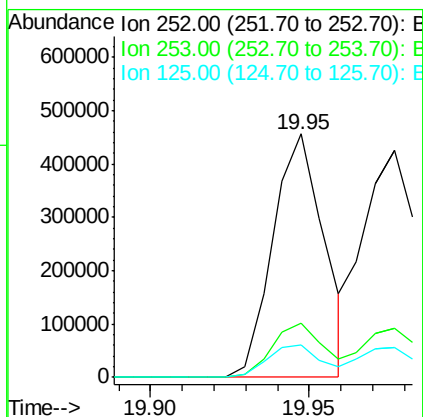
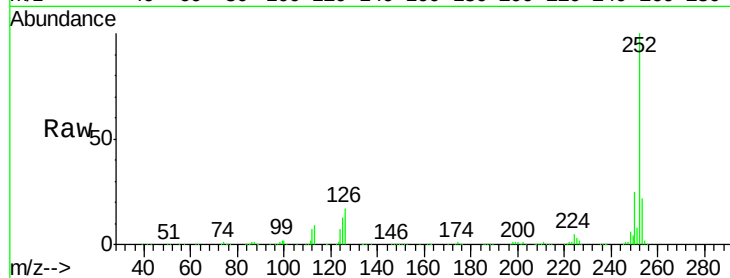
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	514156
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	13.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 43.30 ng

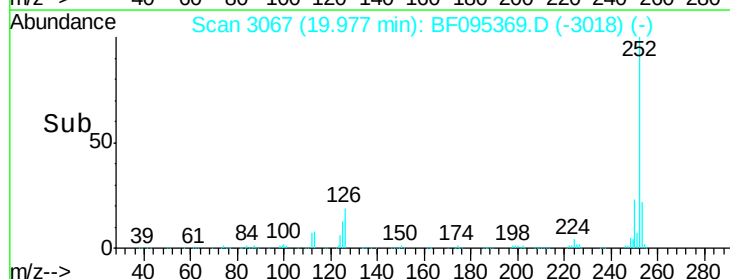
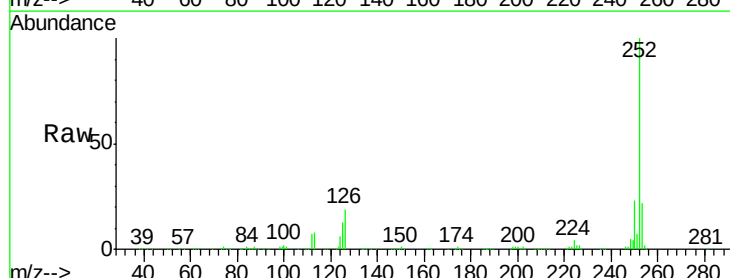
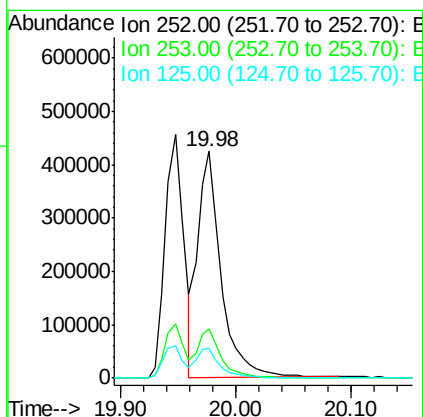
RT: 19.98 min Scan# 3067

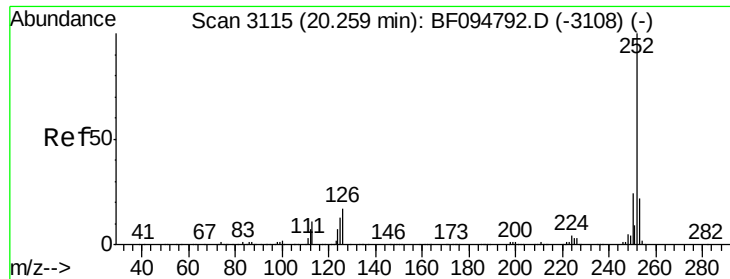
Delta R.T. -0.01 min

Lab File: BF095369.D

Acq: 24 May 2017 3:14

Tgt Ion:	252	Resp:	603169
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	13.2	13.1	19.7





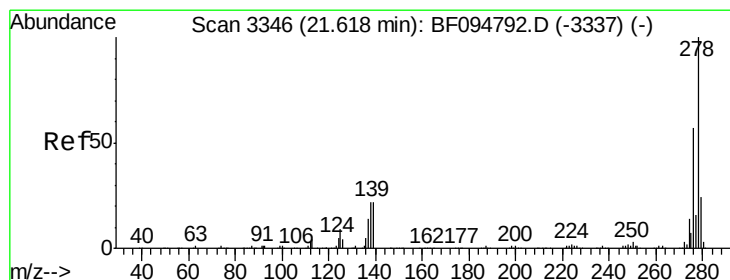
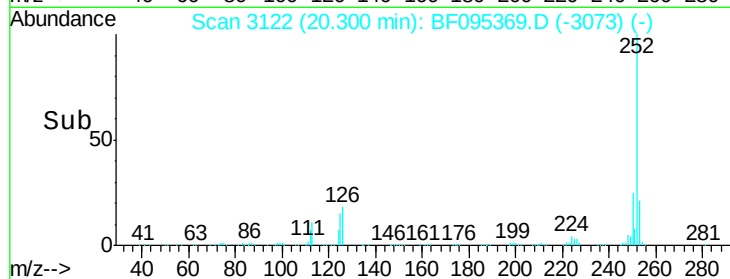
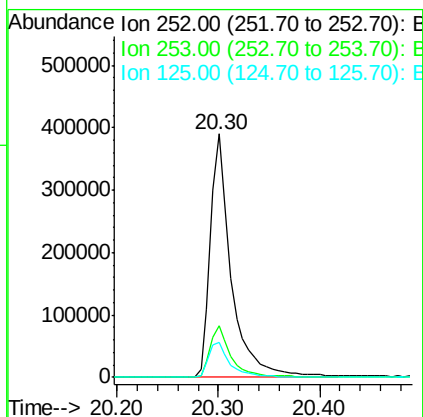
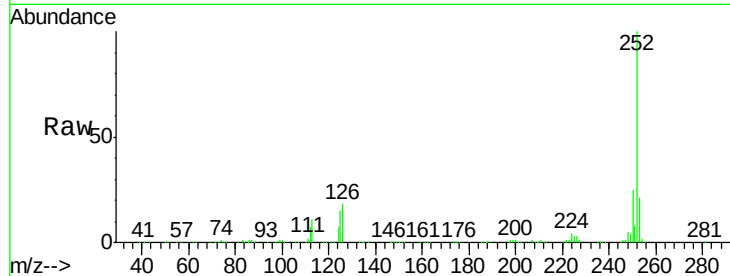
#89
Benzo(a)pyrene
Concen: 41.93 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	14.5	11.0	16.4

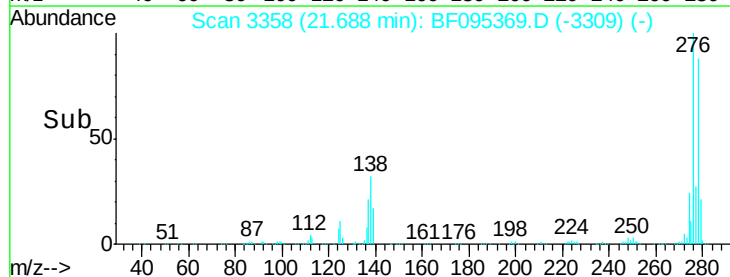
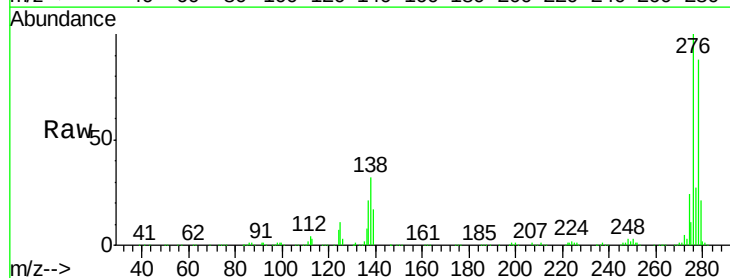
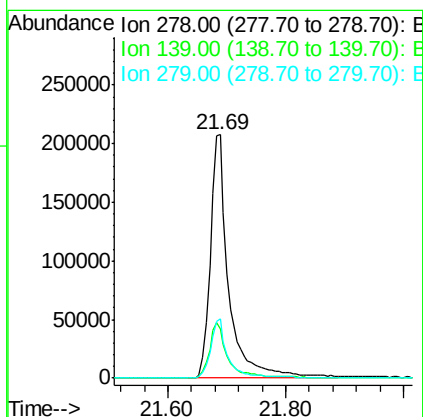
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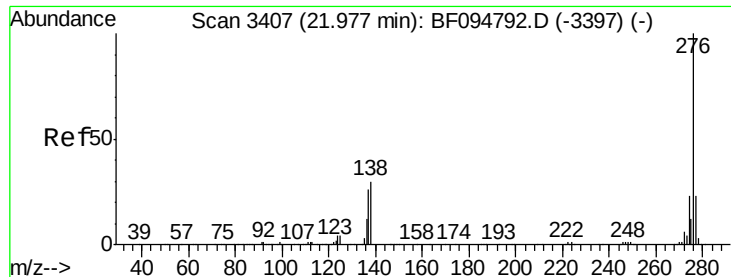
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#90
Dibenzo(a,h)anthracene
Concen: 41.08 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095369.D
Acq: 24 May 2017 3:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.6	24.8
279	24.4	19.3	28.9





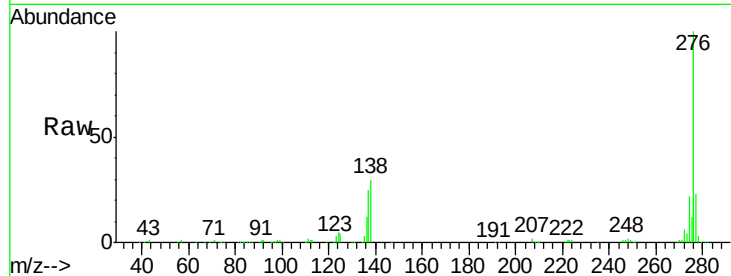
#91
 Benzo(g,h,i)perylene
 Concen: 40.16 ng
 RT: 22.07 min Scan# 3423
 Delta R.T. -0.01 min
 Lab File: BF095369.D
 Acq: 24 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	433748
Ion Ratio		Lower	Upper
276	100		
277	23.0	18.6	28.0
138	30.4	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

