

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095146.D
 Acq On : 16 May 2017 3:16
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/17/2017 2:20:45 PM

Quant Time: May 16 15:17:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	102203	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	399743	20.00	ng	0.04
38) Acenaphthene-d10	12.63	164	162604	20.00	ng	0.05
63) Phenanthrene-d10	15.03	188	240082	20.00	ng	0.05
75) Chrysene-d12	18.70	240	217713	20.00	ng	0.05
86) Perylene-d12	20.37	264	190320	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	513533	83.77	ng	0.06
7) Phenol-d6	7.32	99	598965	81.43	ng	0.05
23) Nitrobenzene-d5	8.68	82	522176	82.37	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	95384	71.63	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	966046	85.51	ng	0.04
78) Terphenyl-d14	17.35	244	687863	69.59	ng	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	131446	43.72	ng	92
3) Pyridine	2.92	79	293135m	42.07	ng	
4) n-Nitrosodimethylamine	2.85	42	98976	34.08	ng	84
6) Aniline	7.28	93	397394	42.80	ng	96
8) 2-Chlorophenol	7.47	128	290323	41.61	ng	94
9) Benzaldehyde	7.10	77	174883	38.94	ng	93
10) Phenol	7.34	94	296603	38.27	ng	89
11) bis(2-Chloroethyl)ether	7.41	93	256067	40.02	ng	96
12) 1,3-Dichlorobenzene	7.68	146	324205	40.96	ng	98
13) 1,4-Dichlorobenzene	7.81	146	331528	41.30	ng	97
14) 1,2-Dichlorobenzene	8.04	146	309773	41.35	ng	94
15) Benzyl Alcohol	8.07	79	203283	42.97	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	352094	38.88	ng	# 45
17) 2-Methylphenol	8.27	107	231198	40.49	ng	94
18) Hexachloroethane	8.55	117	96539	35.50	ng	# 86
19) n-Nitroso-di-n-propylamine	8.49	70	195750	39.35	ng	93
20) 3+4-Methylphenols	8.53	107	314001	40.47	ng	# 58
22) Acetophenone	8.45	105	395971	41.29	ng	# 85
24) Nitrobenzene	8.71	77	272750	41.05	ng	93
25) Isophorone	9.11	82	462639	40.87	ng	# 94
26) 2-Nitrophenol	9.22	139	143075	39.90	ng	96
27) 2,4-Dimethylphenol	9.35	122	238918	41.21	ng	99
28) bis(2-Chloroethoxy)methane	9.47	93	325739	41.60	ng	98
29) 2,4-Dichlorophenol	9.64	162	222619	40.67	ng	99
30) 1,2,4-Trichlorobenzene	9.72	180	241850	41.24	ng	98
31) Naphthalene	9.83	128	814377	40.53	ng	99
32) Benzoic acid	9.65	122	94687	27.33	ng	97
33) 4-Chloroaniline	9.97	127	306206	40.90	ng	# 93
34) Hexachlorobutadiene	10.05	225	123890	40.04	ng	97
35) Caprolactam	10.60	113	64839m	39.45	ng	
36) 4-Chloro-3-methylphenol	10.82	107	232370	39.71	ng	87
37) 2-Methylnaphthalene	10.95	142	520290	39.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.24	216	217823	43.56	ng	98
40) Hexachlorocyclopentadiene	11.21	237	19577	14.66	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095146.D
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 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

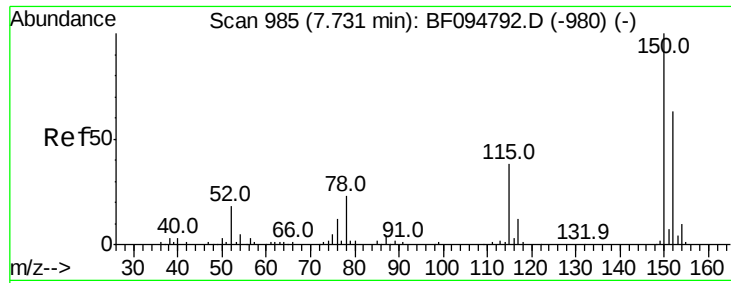
Manual Integrations
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Quant Time: May 16 15:17:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	141087	42.26	nq	99
43) 2,4,5-Trichlorophenol	11.55	196	140375	39.12	nq	# 90
45) 1,1'-Biphenyl	11.72	154	599292	43.77	nq	98
46) 2-Chloronaphthalene	11.74	162	472590	42.75	nq	97
47) 2-Nitroaniline	11.95	65	125877	41.60	nq	# 84
48) Acenaphthylene	12.40	152	690037	39.85	nq	98
49) Dimethylphthalate	12.27	163	572279	42.87	nq	98
50) 2,6-Dinitrotoluene	12.37	165	110038	40.41	nq	96
51) Acenaphthene	12.68	154	411169	39.76	nq	99
52) 3-Nitroaniline	12.64	138	122050	41.76	nq	90
53) 2,4-Dinitrophenol	12.88	184	4820	9.21	nq	# 59
54) Dibenzofuran	12.97	168	573828	40.10	nq	98
55) 4-Nitrophenol	13.05	139	38322m	21.83	nq	
56) 2,4-Dinitrotoluene	13.03	165	135751	38.79	nq	# 90
57) Fluorene	13.52	166	472730	37.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	83797	37.10	nq	# 94
59) Diethylphthalate	13.42	149	539615	42.18	nq	99
60) 4-Chlorophenyl-phenylether	13.55	204	220830	40.38	nq	92
61) 4-Nitroaniline	13.64	138	92460	34.46	nq	98
62) Azobenzene	13.81	77	396139	38.53	nq	91
64) 4,6-Dinitro-2-methylphenol	13.71	198	16244	10.09	nq	# 71
65) n-Nitrosodiphenylamine	13.75	169	414417	47.56	nq	100
66) 4-Bromophenyl-phenylether	14.34	248	115398	45.50	nq	96
67) Hexachlorobenzene	14.42	284	109264	42.03	nq	# 93
68) Atrazine	14.67	200	101251	41.16	nq	97
69) Pentachlorophenol	14.78	266	35061	33.51	nq	98
70) Phenanthrene	15.07	178	562344	40.77	nq	98
71) Anthracene	15.15	178	579601	41.13	nq	97
72) Carbazole	15.44	167	493216	38.47	nq	97
73) Di-n-butylphthalate	15.99	149	753338	47.12	nq	98
74) Fluoranthene	16.81	202	545193	38.53	nq	97
76) Benzidine	17.04	184	165109	30.78	nq	# 93
77) Pyrene	17.11	202	576463	35.40	nq	99
79) Butylbenzylphthalate	18.01	149	273532	36.12	nq	92
80) Benzo(a)anthracene	18.69	228	494097	39.00	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	176513	40.33	nq	# 96
82) Chrysene	18.74	228	500395	40.84	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	397624	36.85	nq	# 99
84) Di-n-octyl phthalate	19.52	149	719142	40.65	nq	95
85) Indeno(1,2,3-cd)pyrene	21.71	276	380854	38.28	nq	99
87) Benzo(b)fluoranthene	19.97	252	458629	39.00	nq	99
88) Benzo(k)fluoranthene	19.99	252	518778	45.73	nq	# 96
89) Benzo(a)pyrene	20.32	252	433175	39.92	nq	99
90) Dibenzo(a,h)anthracene	21.71	278	331759	37.02	nq	99
91) Benzo(g,h,i)perylene	22.09	276	317598	36.11	nq	99

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



#1

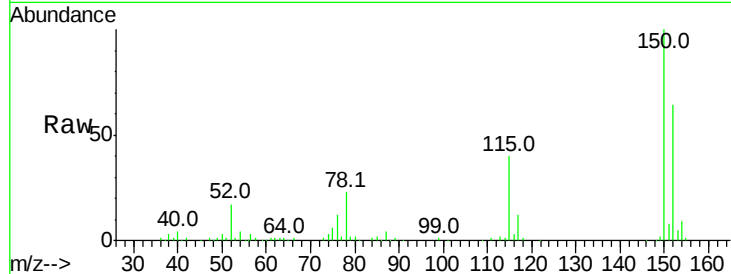
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	61.7	52.2	78.2

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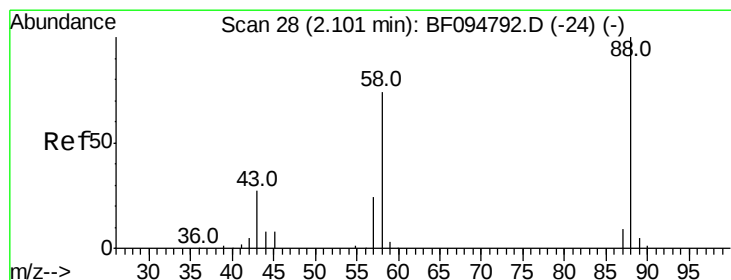
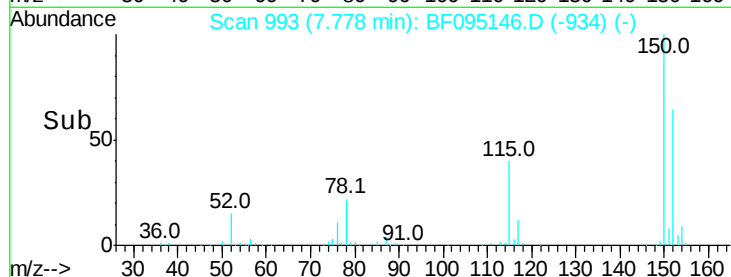
Abundance

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

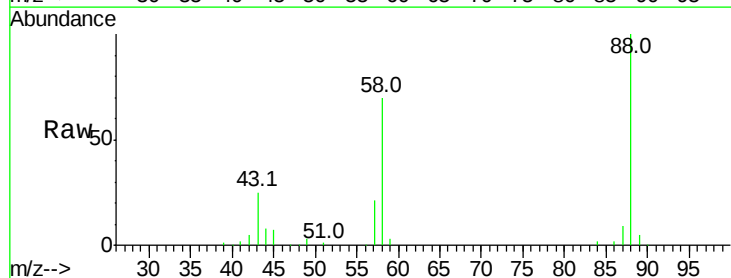
Time-->



#2

1,4-Dioxane
Concen: 43.72 ng
RT: 2.23 min Scan# 50
Delta R.T. 0.13 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	61.4	92.0
43	25.5	23.4	35.0



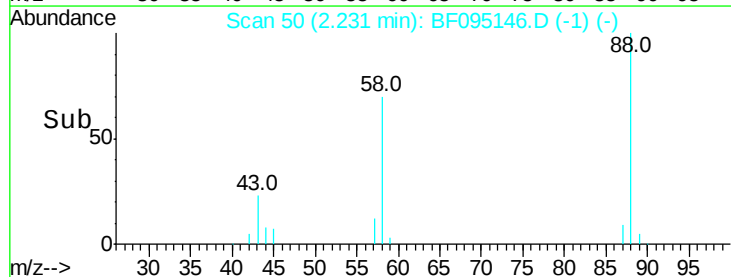
Abundance

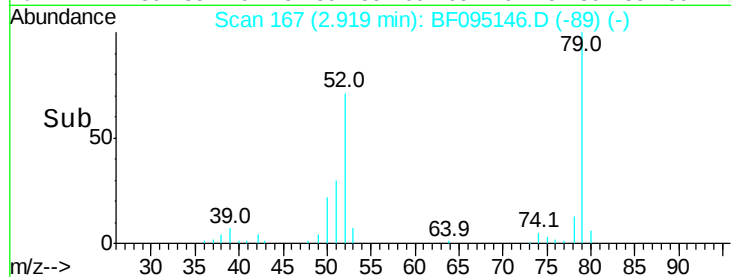
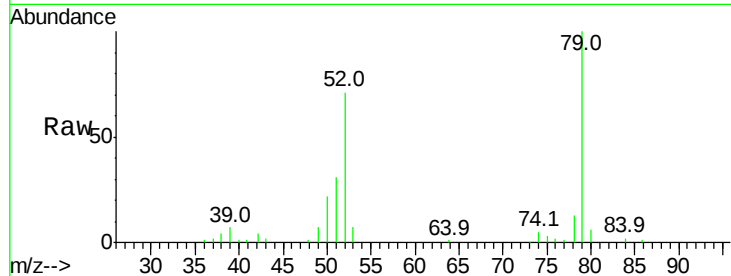
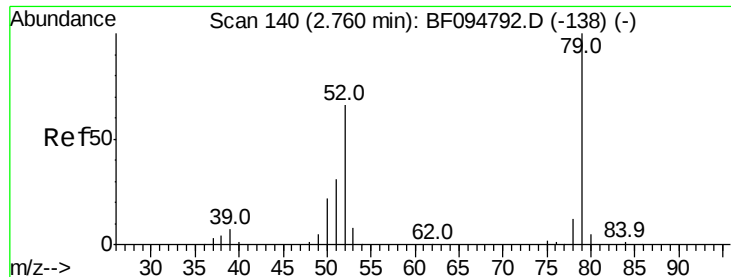
Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

Time-->





#3

Pvridine

Concen: 42.07 ng/ml

RT: 2.92 min Scan# 167

Delta R.T. 0.16 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tot Ion:	79	Resp:	293135
Ion Ratio	Lower	Upper	
79	100		
52	70.6	54.8	82.2
51	30.8	27.0	40.4

Instrument :

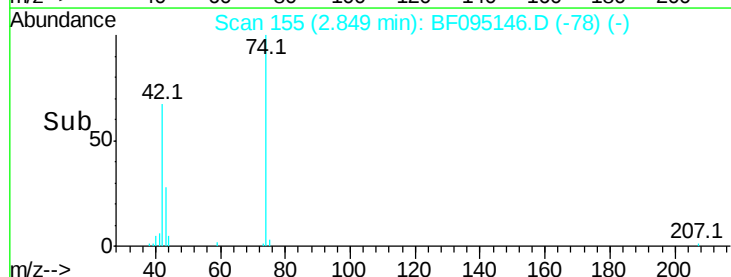
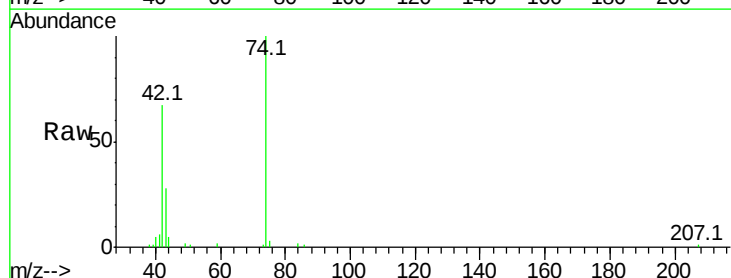
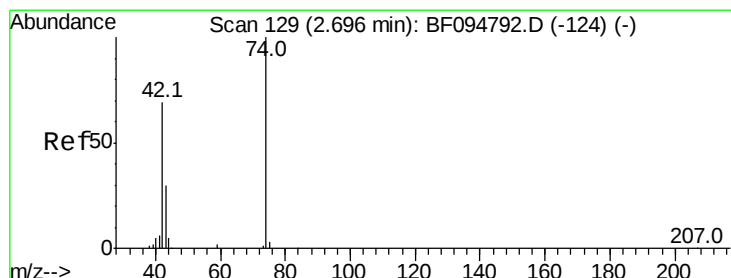
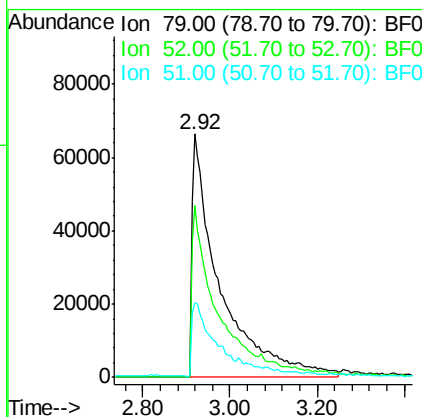
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.08 ng/ml

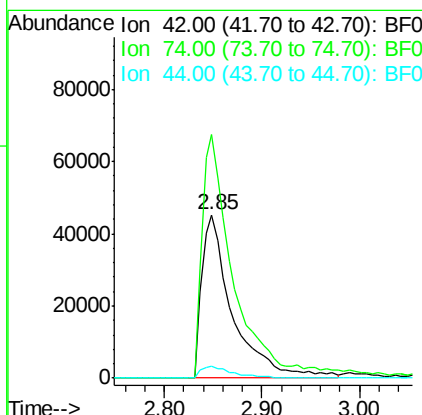
RT: 2.85 min Scan# 155

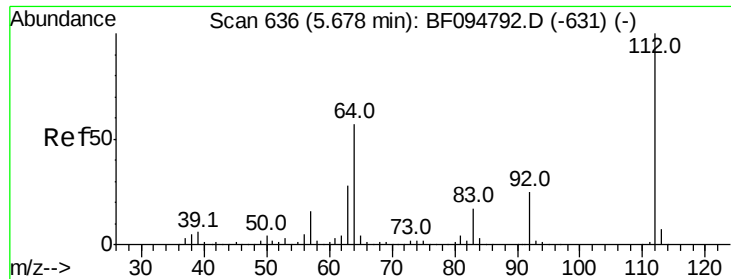
Delta R.T. 0.15 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion:	42	Resp:	98976
Ion Ratio	Lower	Upper	
42	100		
74	149.3	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 83.77 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.06 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

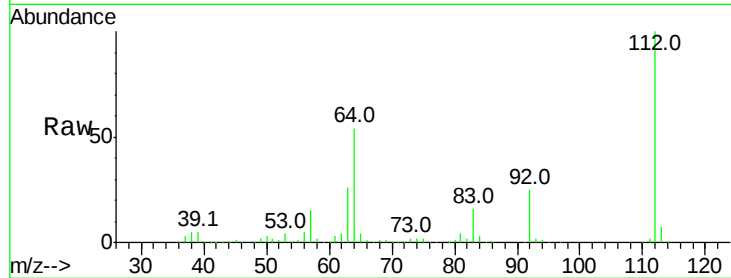
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	513533
Ion Ratio	Lower	Upper	
112	100		
64	54.1	46.0	69.0
63	26.1	23.4	35.0

Manual Integrations
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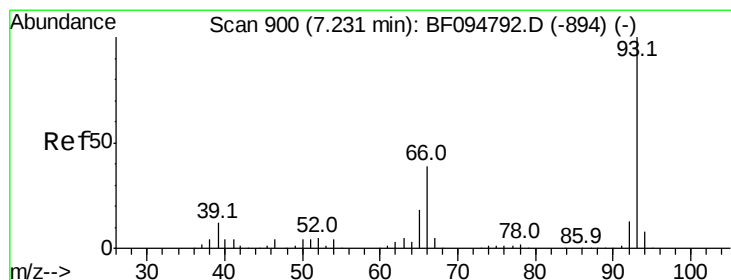
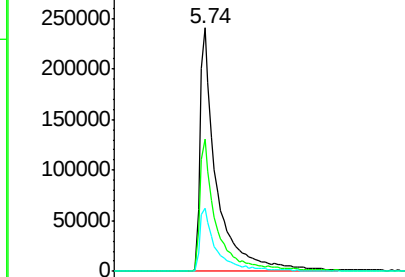
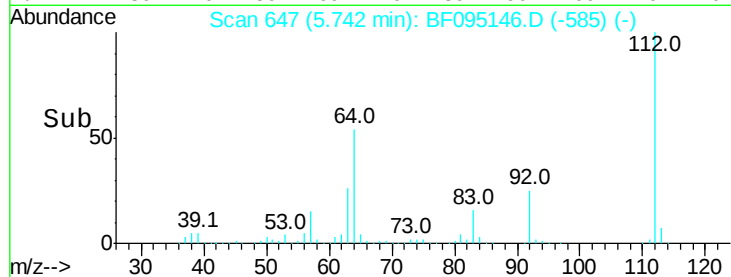
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.80 ng

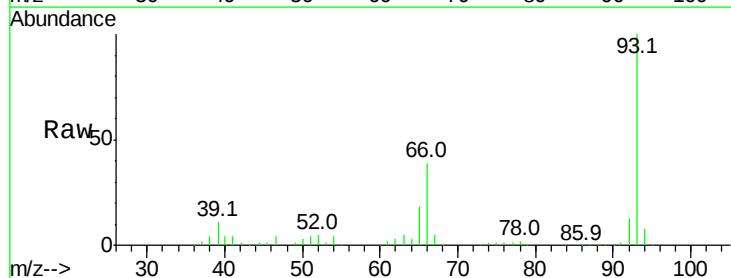
RT: 7.28 min Scan# 909

Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

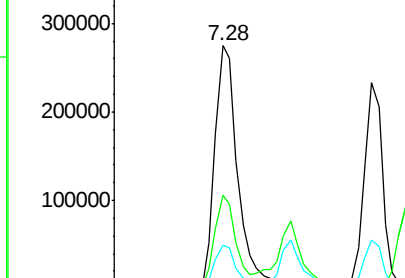
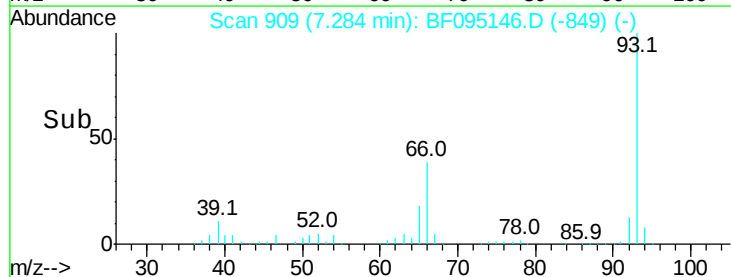
Tgt Ion:	93	Resp:	397394
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.9	49.3
65	18.1	16.0	24.0

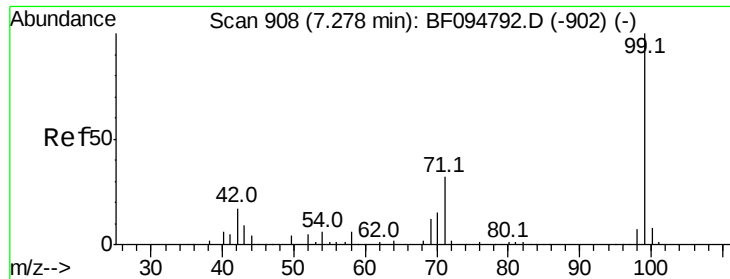


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.43 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

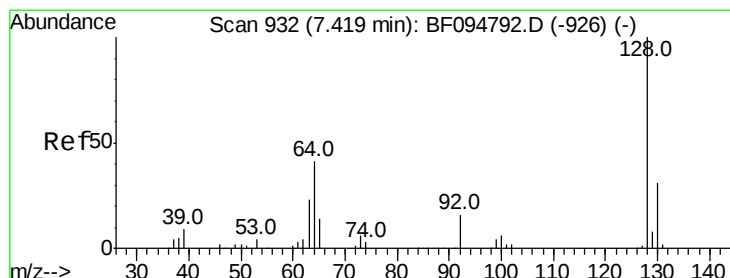
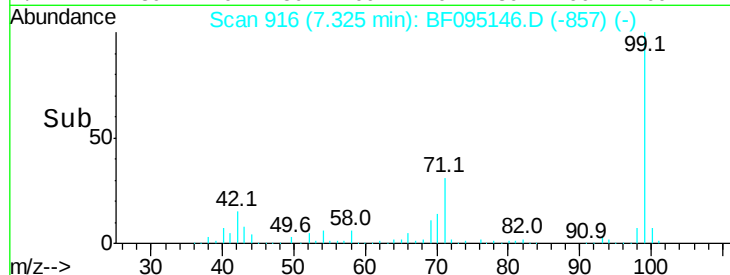
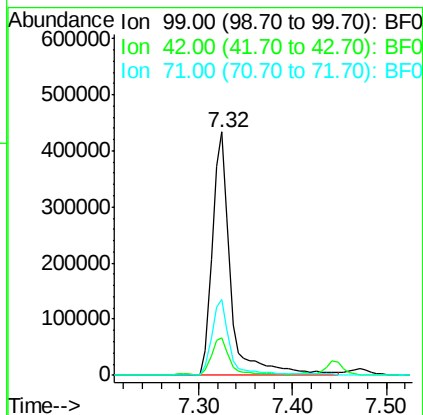
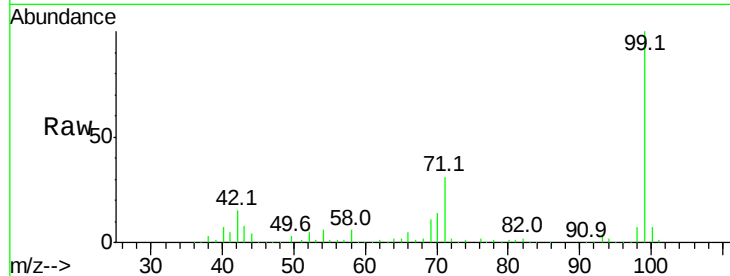
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		598965		
42	15.5	13.5	20.3		
71	31.4	24.5	36.7		

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#8

2-Chlorophenol

Concen: 41.61 ng

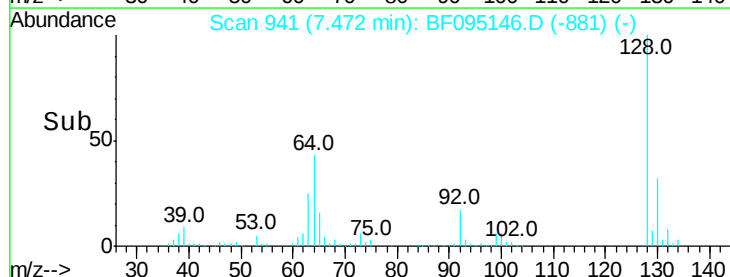
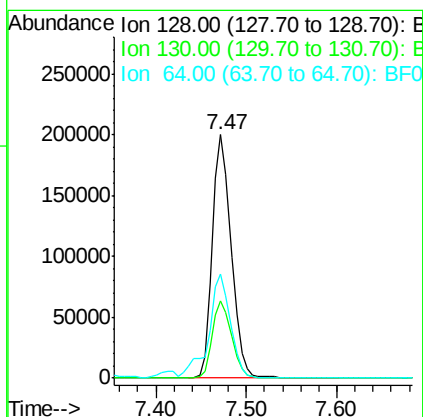
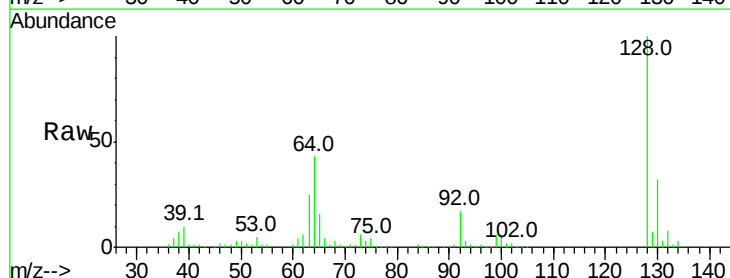
RT: 7.47 min Scan# 941

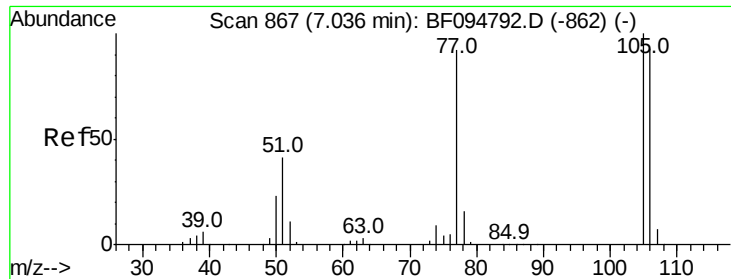
Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		290323		
130	32.0	12.9	52.9		
64	42.8	28.4	68.4		





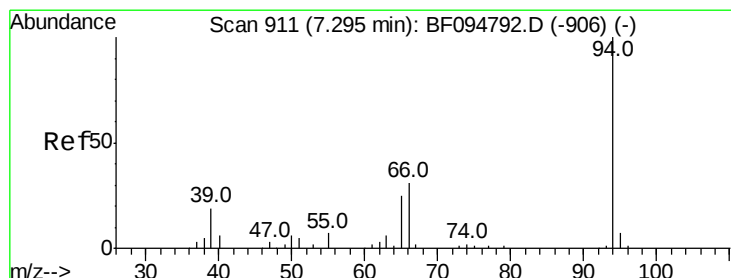
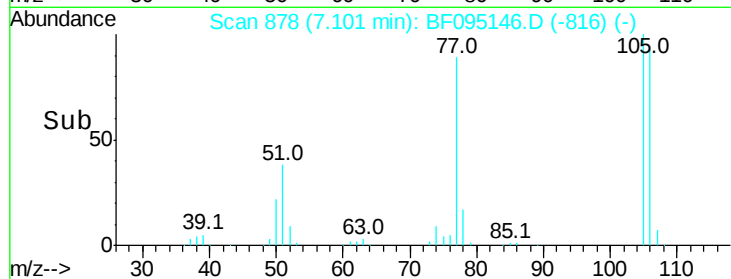
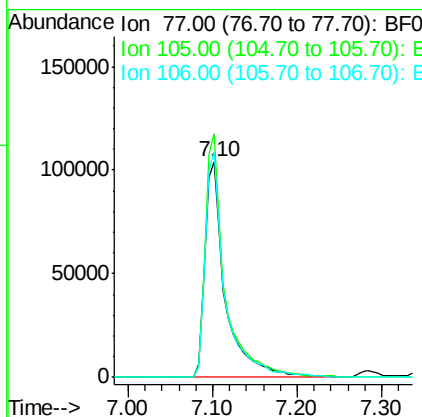
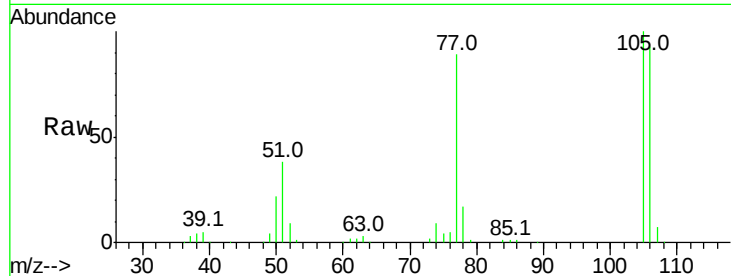
#9
Benzaldehyde
Concen: 38.94 ng
RT: 7.10 min Scan# 878
Delta R.T. 0.06 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	112.8	83.8	123.8
106	104.6	79.1	119.1

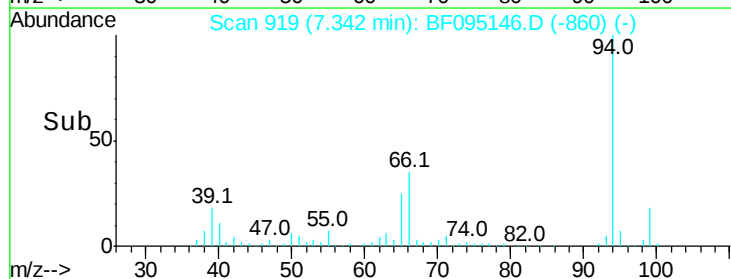
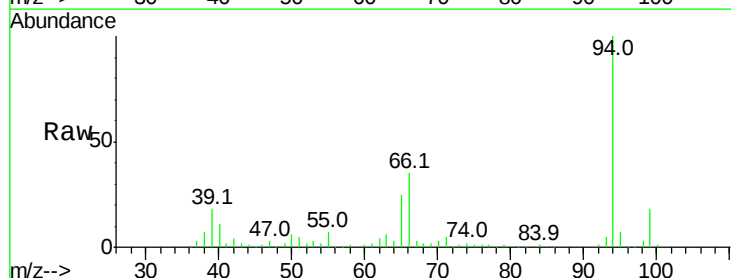
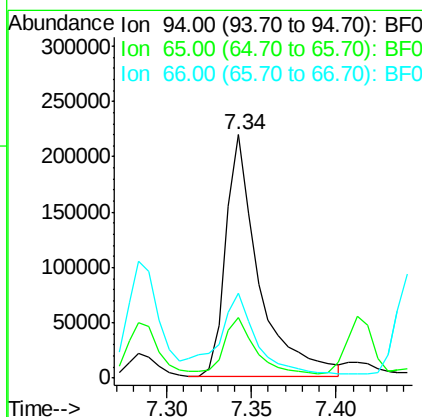
Manual Integrations
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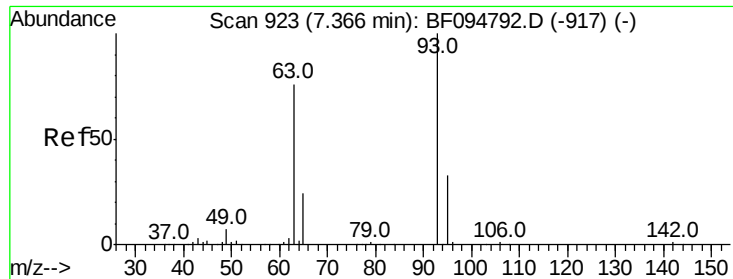
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#10
Phenol
Concen: 38.27 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	34.7	23.1	63.1





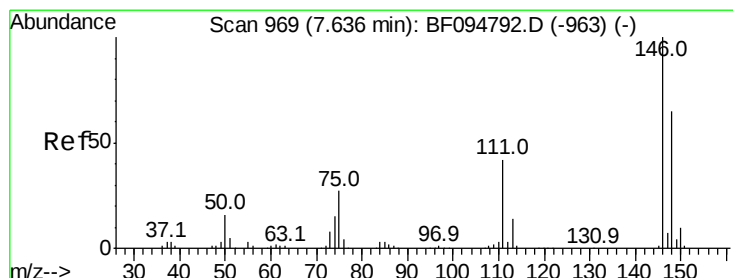
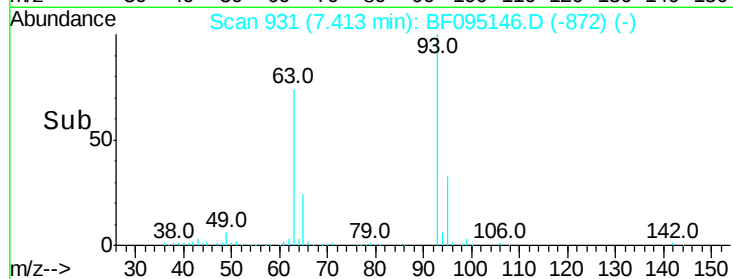
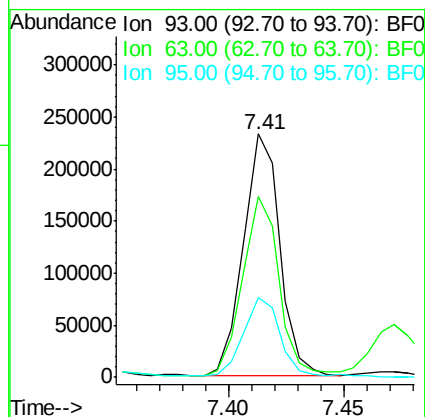
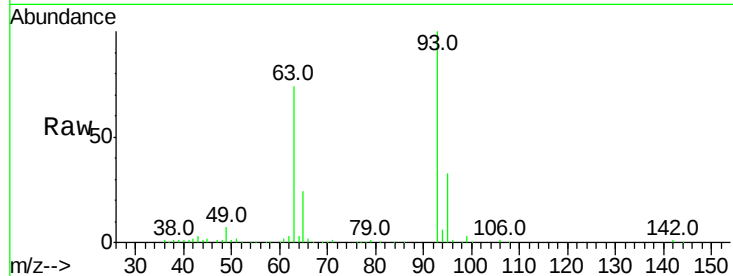
#11
bis(2-Chloroethyl)ether
Concen: 40.02 ng
RT: 7.41 min Scan# 931
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	59.2	99.2
95	32.6	12.8	52.8

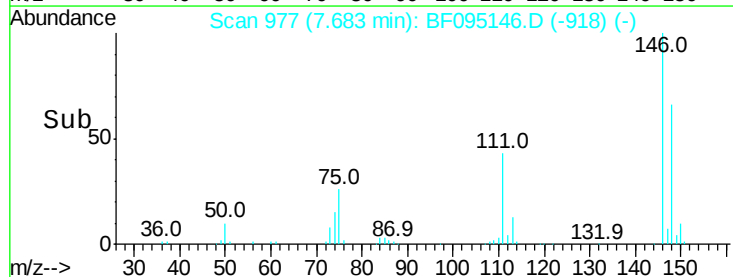
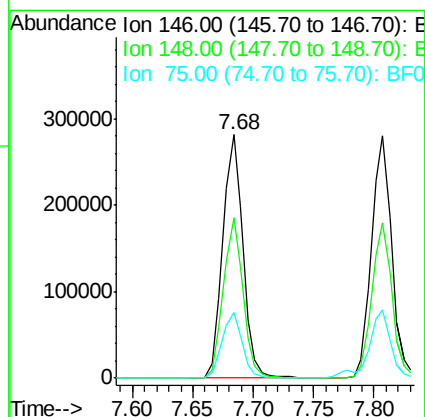
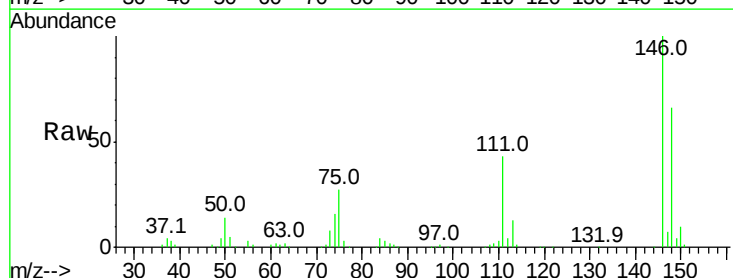
Manual Integrations
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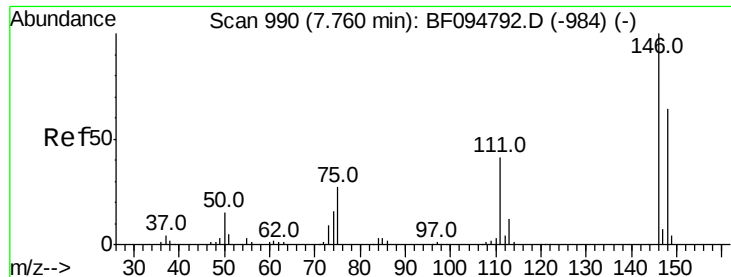
mohammad
5/17/2017 2:20:45 PM



#12
1,3-Dichlorobenzene
Concen: 40.96 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.6
75	27.0	23.1	34.7





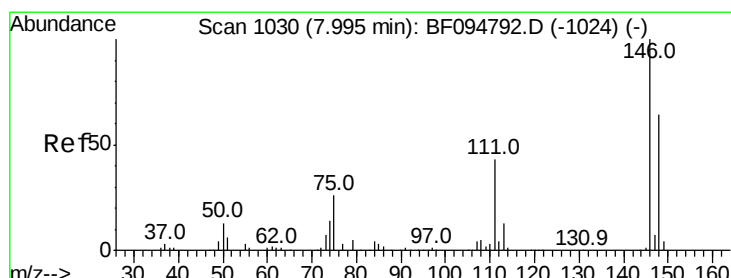
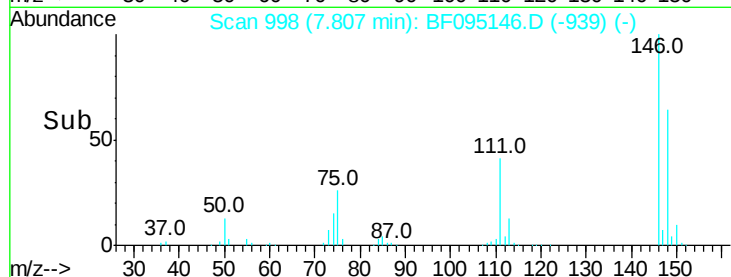
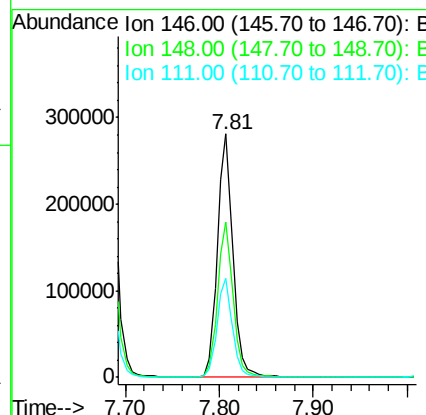
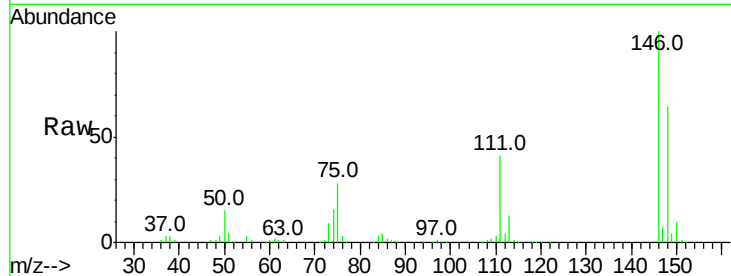
#13
 1,4-Dichlorobenzene
 Concen: 41.30 ng
 RT: 7.81 min Scan# 998
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	40.9	30.3	45.5

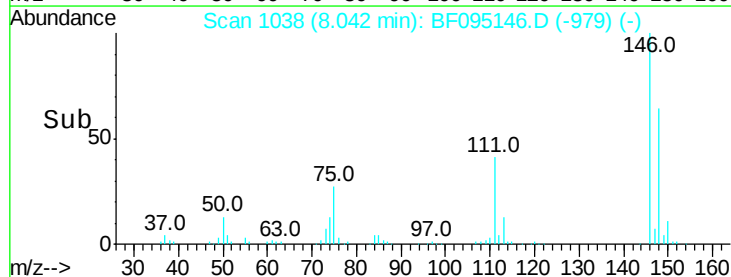
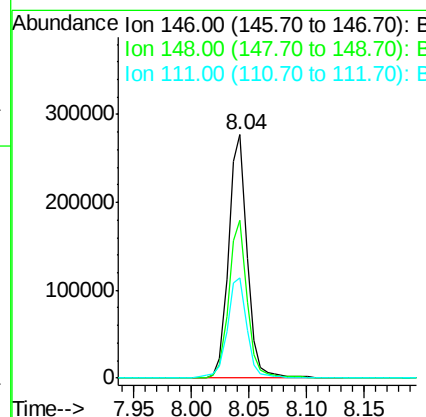
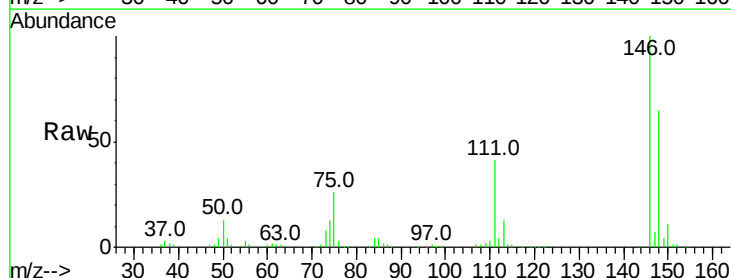
Manual Integrations
 APPROVED

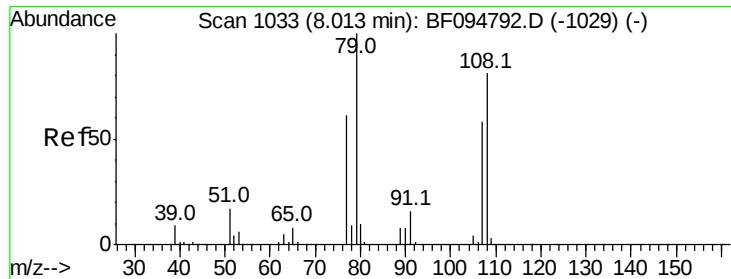
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.35 ng
 RT: 8.04 min Scan# 1038
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	41.2	38.2	57.4





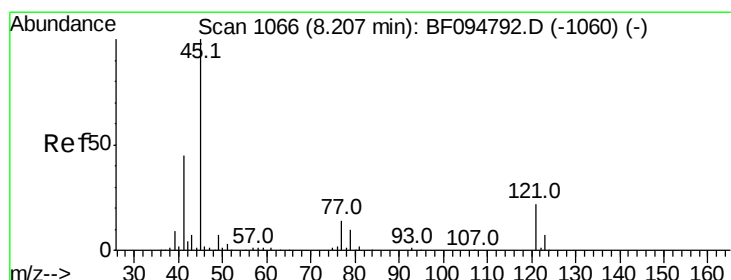
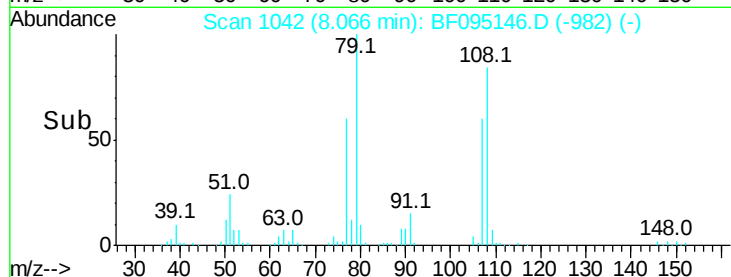
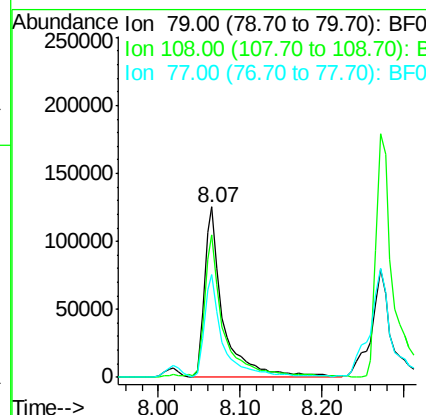
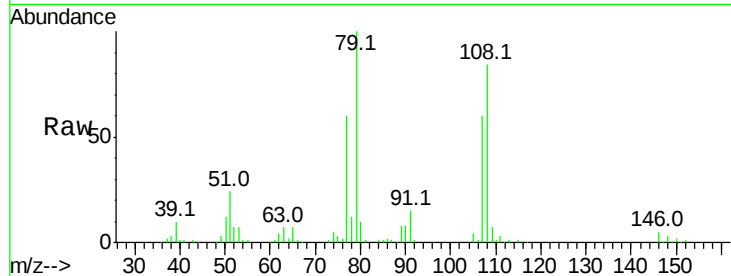
#15
Benzyl Alcohol
Concen: 42.97 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.9	63.4	95.0
77	60.2	49.2	73.8

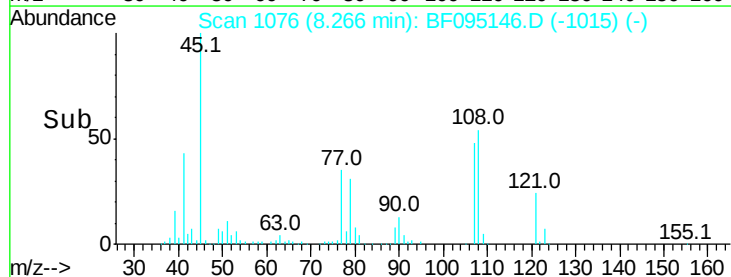
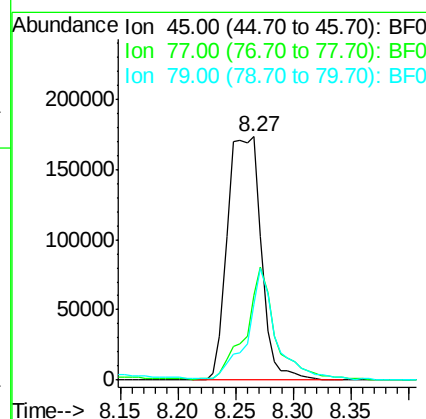
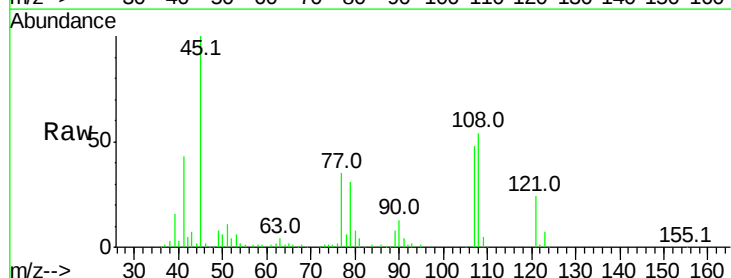
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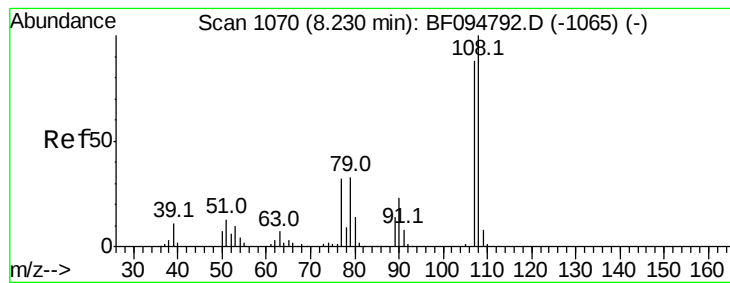
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.88 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.06 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.8	0.0	33.2#
79	31.0	0.0	30.0#





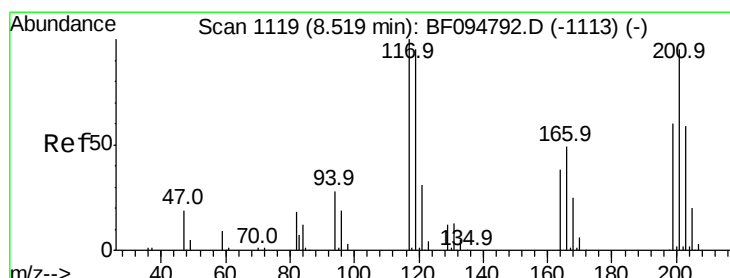
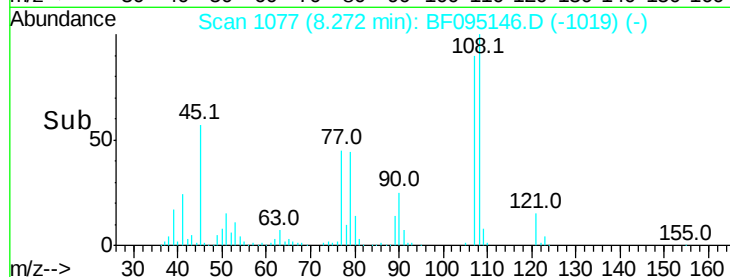
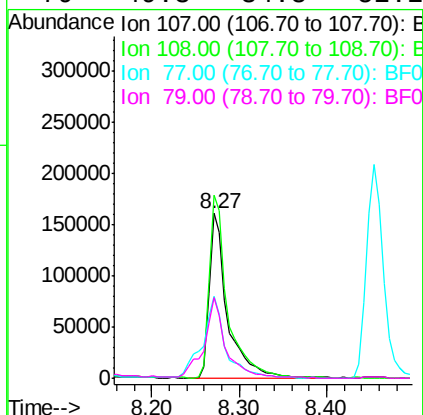
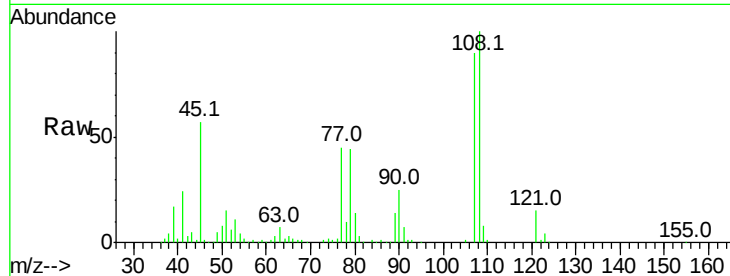
#17
2-Methylphenol
Concen: 40.49 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	231198
Ion Ratio	Lower	Upper	
107	100		
108	111.4	93.4	140.0
77	50.0	35.8	53.6
79	49.3	34.8	52.2

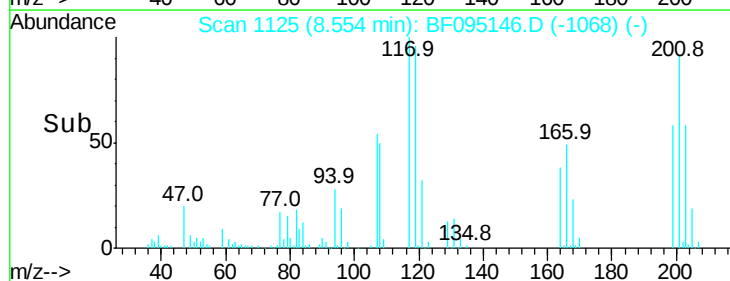
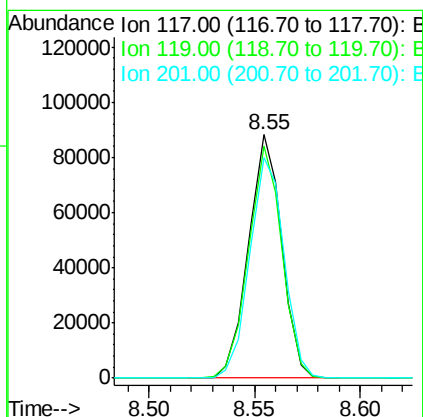
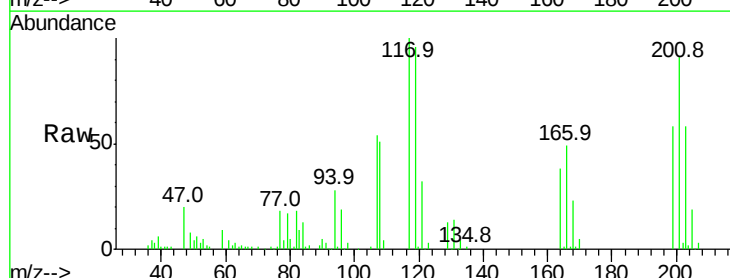
Manual Integrations
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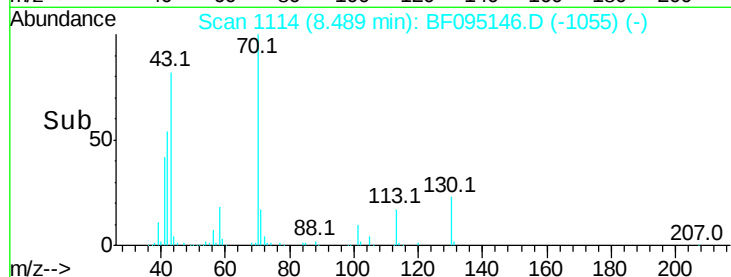
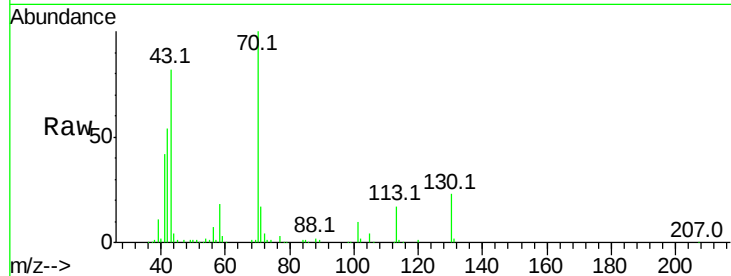
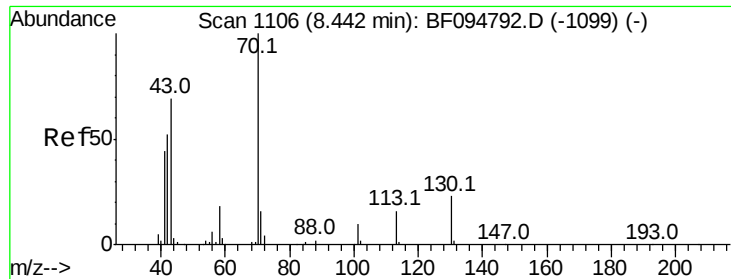
mohammad
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#18
Hexachloroethane
Concen: 35.50 ng
RT: 8.55 min Scan# 1125
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	117	Resp	96539
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.4	116.0
201	90.6	94.6	141.8#





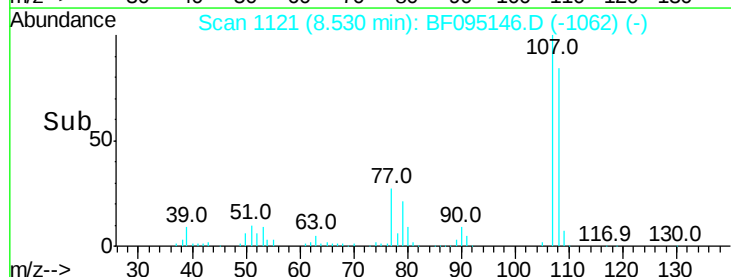
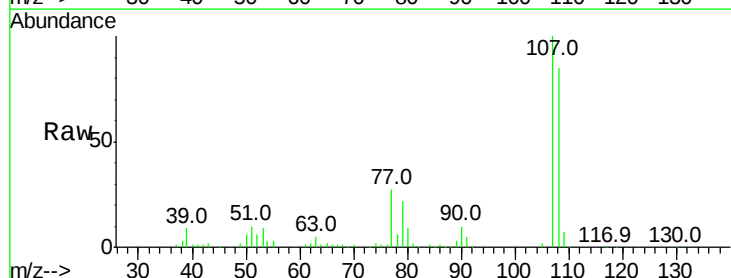
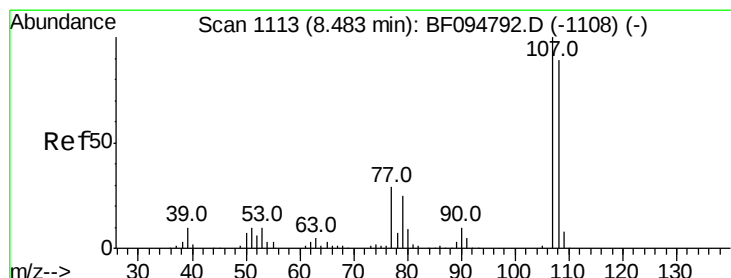
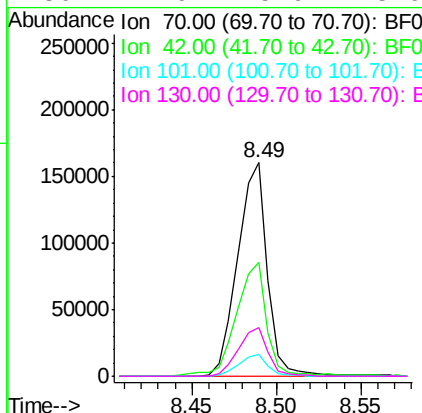
#19
n-Nitroso-di-n-propylamine
Concen: 39.35 ng
RT: 8.49 min Scan# 1114
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.2	70.8
101	10.3	7.2	10.8
130	22.9	15.9	23.9

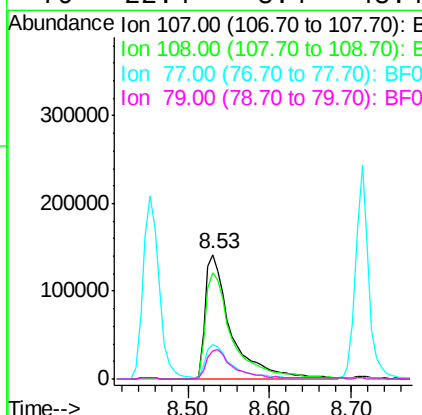
Manual Integrations
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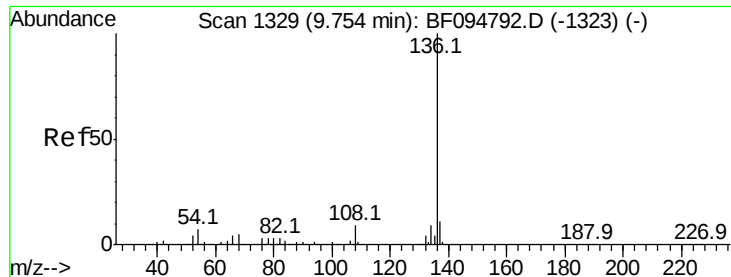
mohammad
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#20
3+4-Methylphenols
Concen: 40.47 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	71.0	111.0
77	27.5	90.5	130.5#
79	22.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

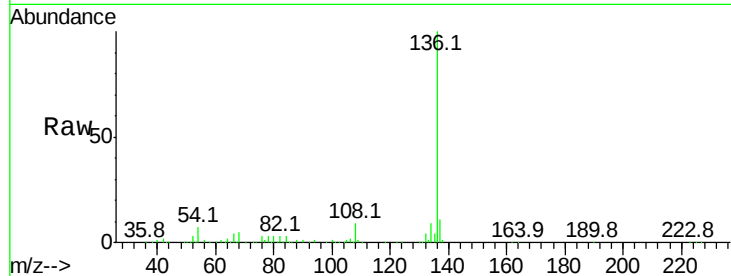
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	399743		
137	10.8		8.5	12.7
54	7.0		4.9	7.3
68	5.3		4.1	6.1

Manual Integrations
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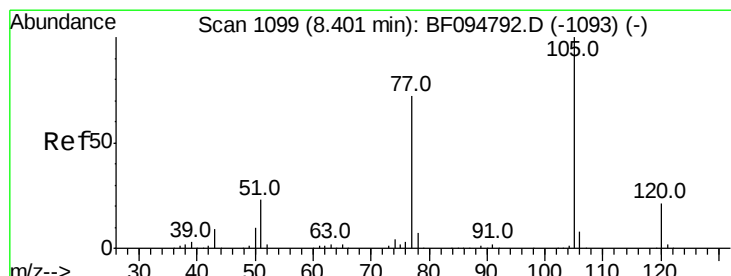
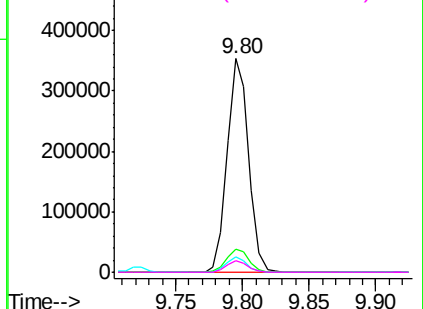
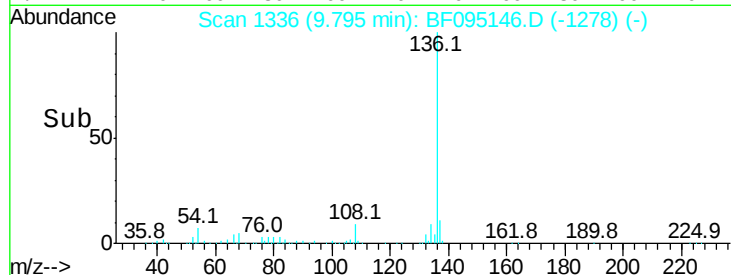
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.29 ng

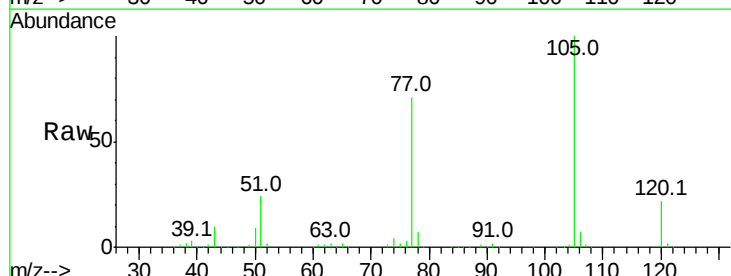
RT: 8.45 min Scan# 1108

Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	395971		
71	0.0		2.8	4.2#
51	23.6		30.7	46.1#
120	21.8		17.4	26.0



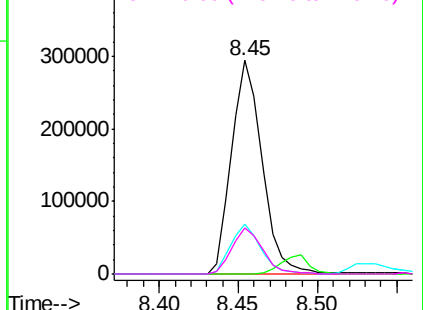
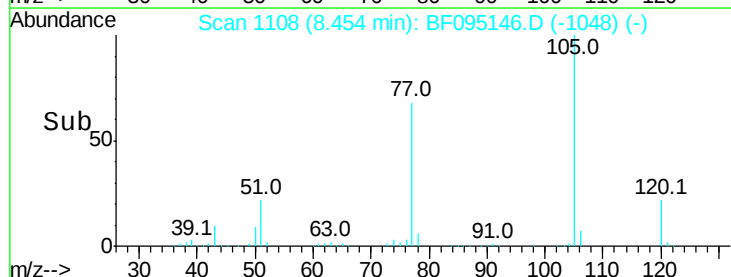
Abundance

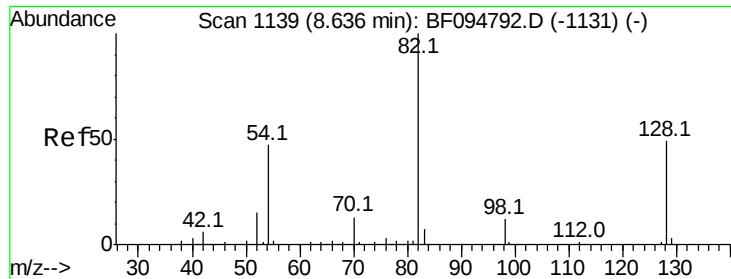
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





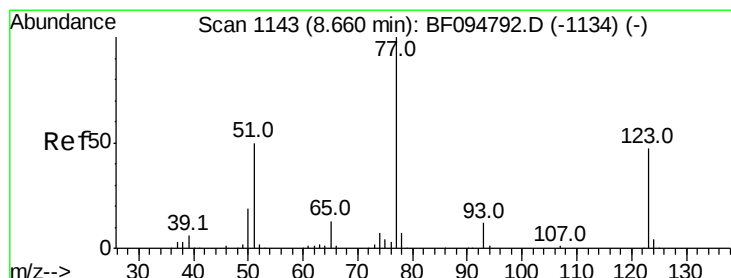
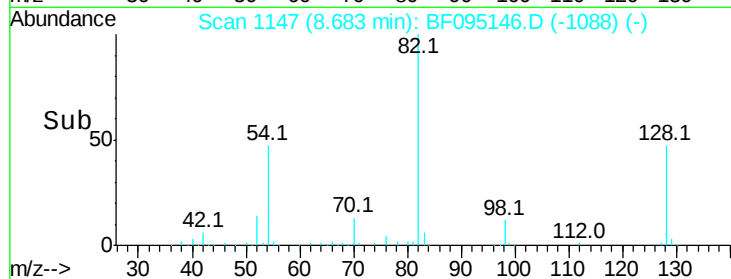
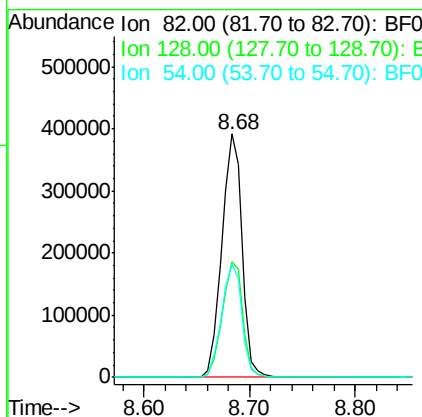
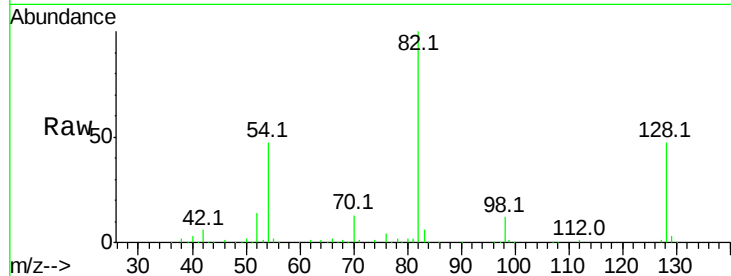
#23
Nitrobenzene-d5
Concen: 82.37 ng
RT: 8.68 min Scan# 1147
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	46.6	42.2	63.2

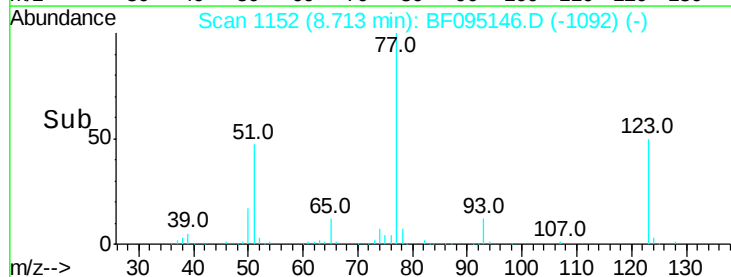
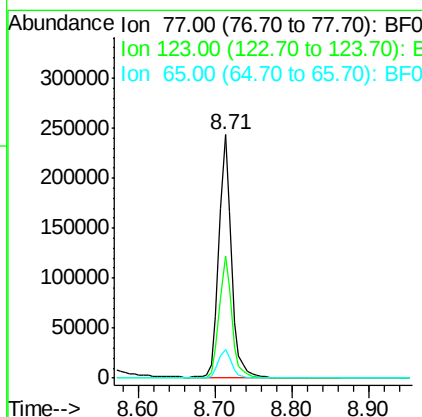
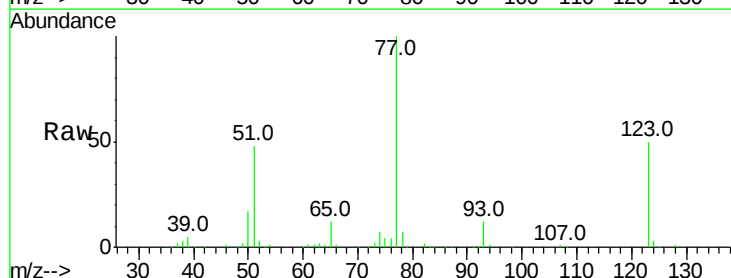
Manual Integrations
APPROVED

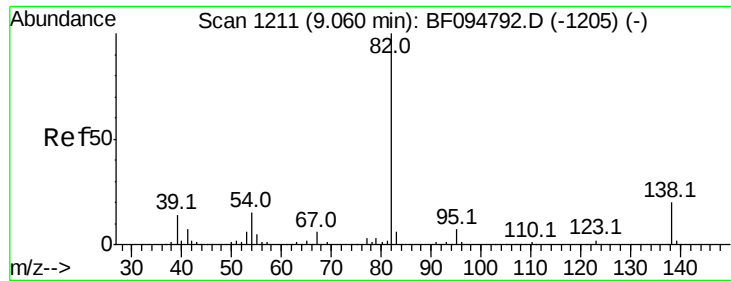
mohammad
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#24
Nitrobenzene
Concen: 41.05 ng
RT: 8.71 min Scan# 1152
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	35.8	53.8
65	11.9	10.6	15.8





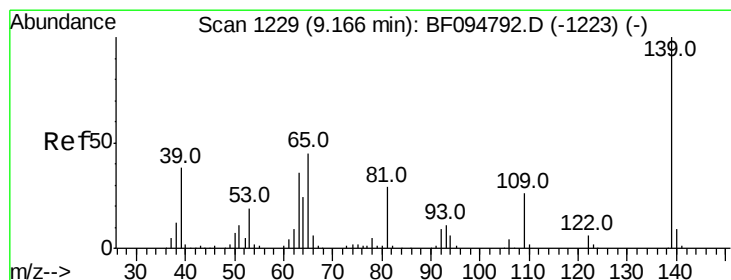
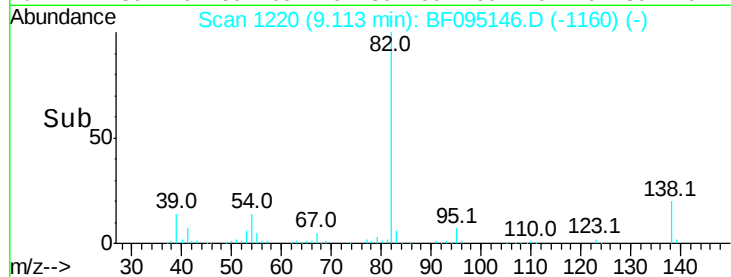
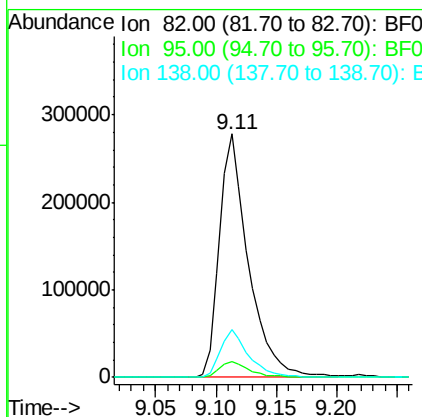
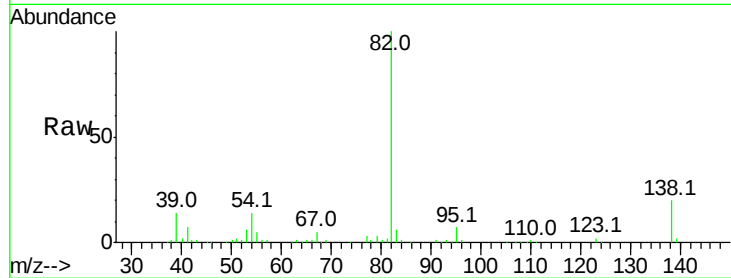
#25
Isophorone
Concen: 40.87 ng
RT: 9.11 min Scan# 1220
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.6	5.3	7.9	
138	19.9	13.1	19.7	

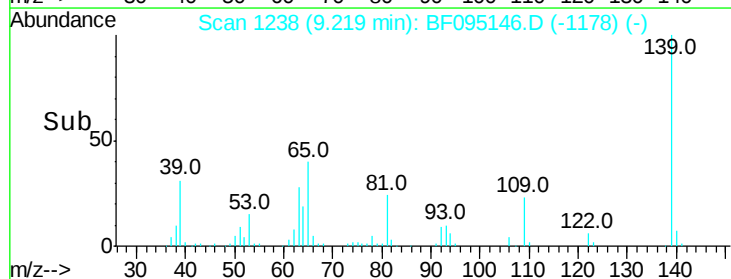
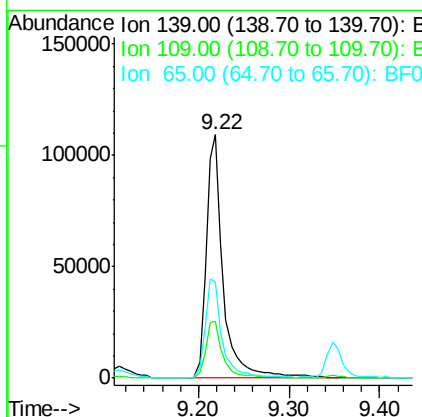
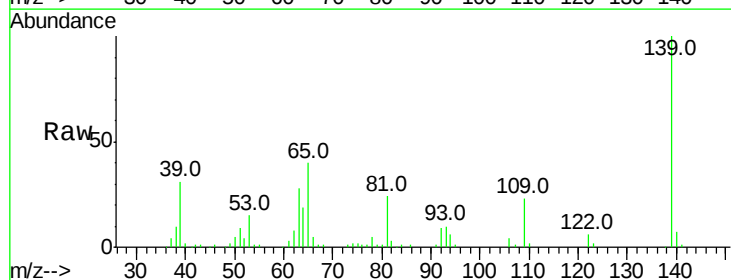
Manual Integrations
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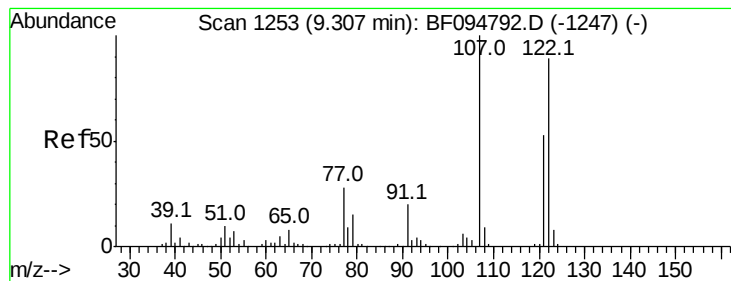
mohammad
5/17/2017 2:20:45 PM



#26
2-Nitrophenol
Concen: 39.90 ng
RT: 9.22 min Scan# 1238
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.2	21.0	31.6	
65	39.6	33.0	49.6	





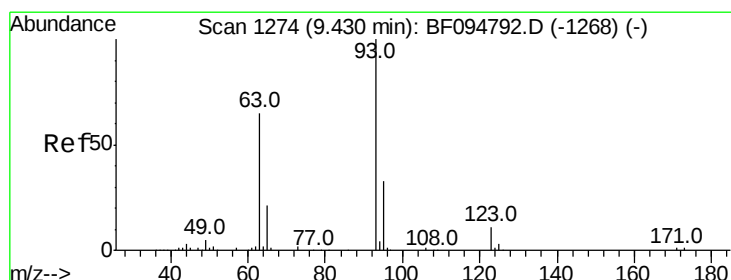
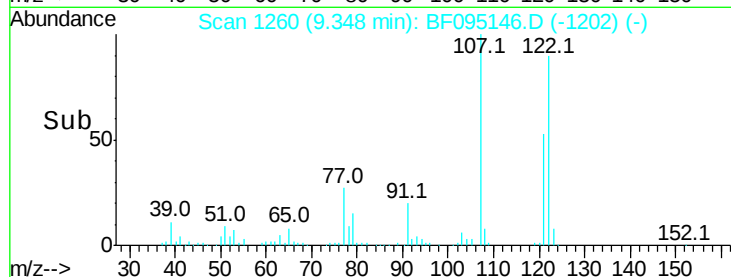
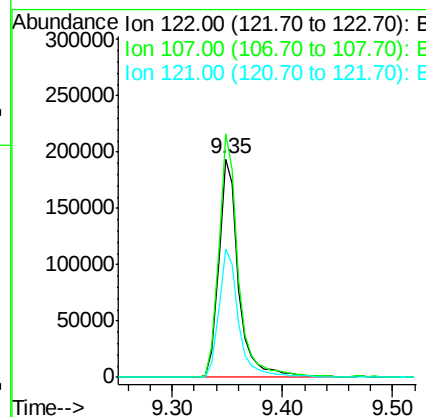
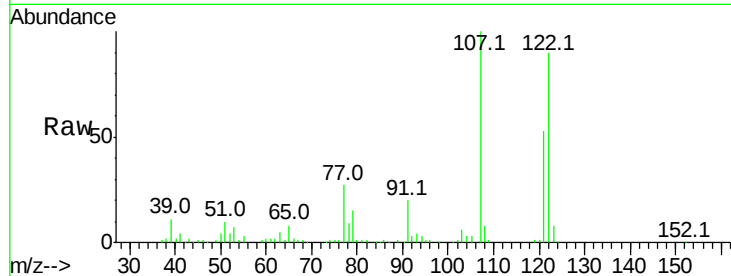
#27
 2,4-Dimethylphenol
 Concen: 41.21 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.04 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	238918		
107	111.7	89.2	133.8	
121	59.0	45.2	67.8	

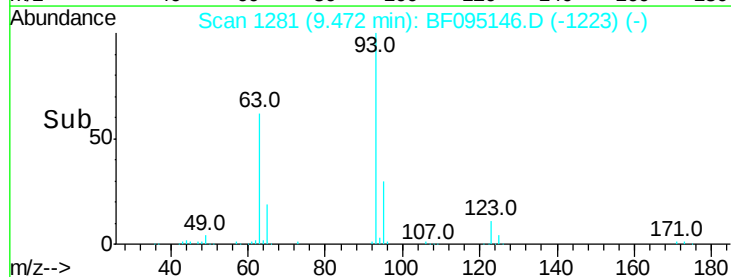
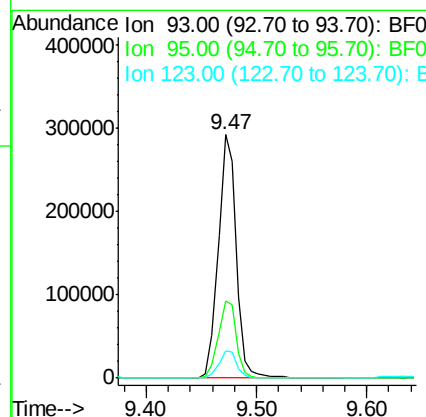
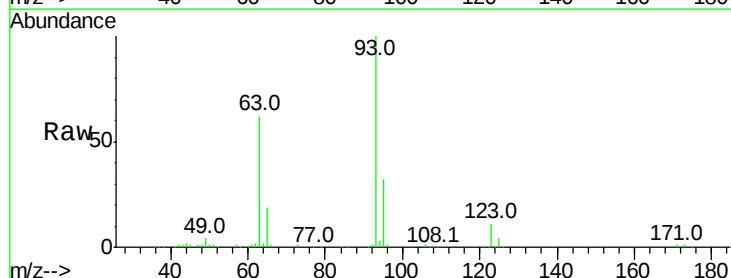
Manual Integrations
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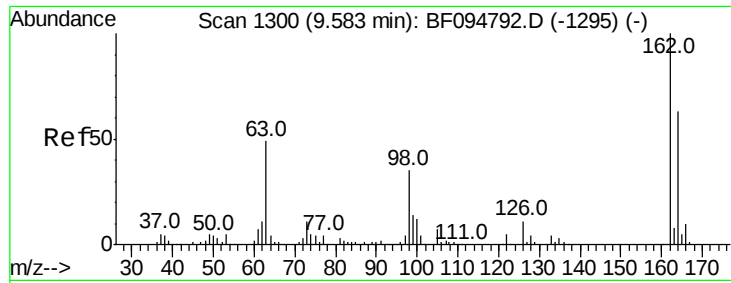
mohammad
 5/17/2017 2:20:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.60 ng
 RT: 9.47 min Scan# 1281
 Delta R.T. 0.04 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325739		
95	31.8	26.5	39.7	
123	11.1	9.0	13.4	





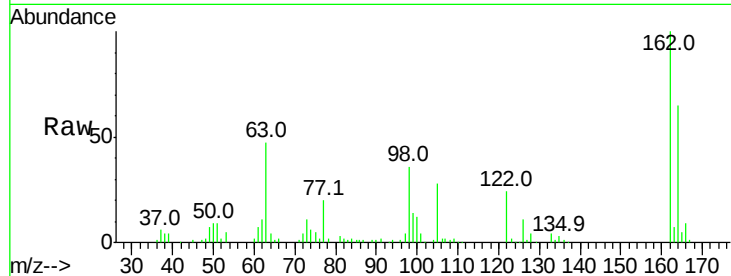
#29
 2,4-Dichlorophenol
 Concen: 40.67 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

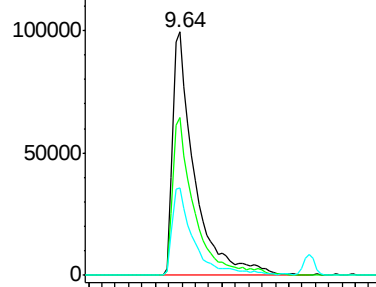
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	44.6	84.6
98	35.9	14.8	54.8

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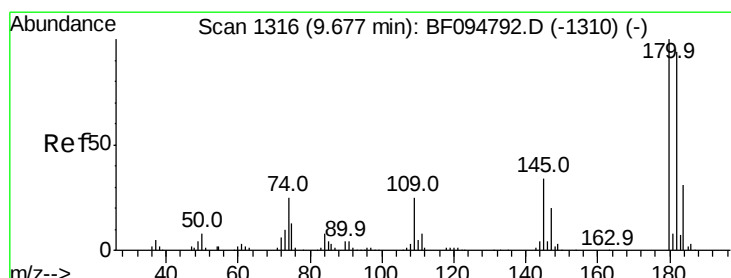
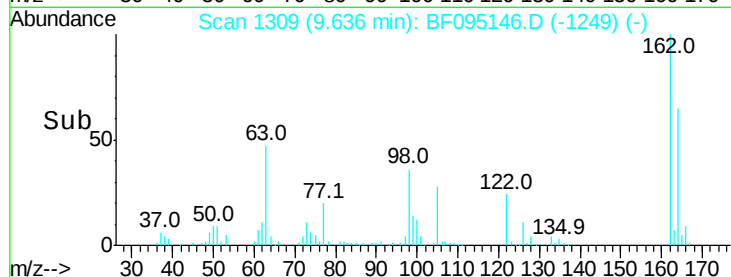
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Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



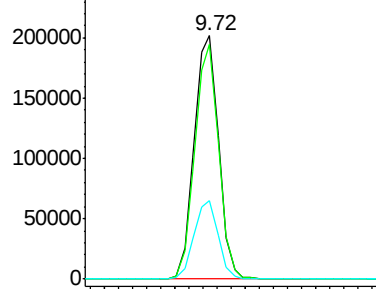
Time--> 9.50 9.60 9.70 9.80 9.90



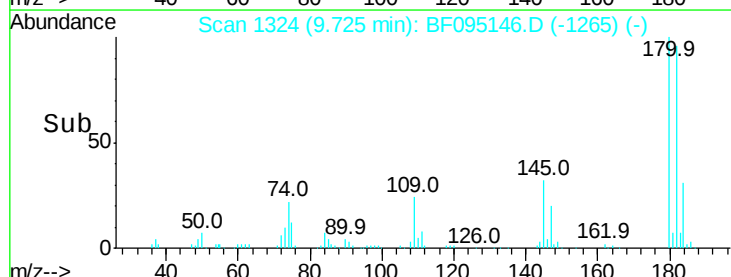
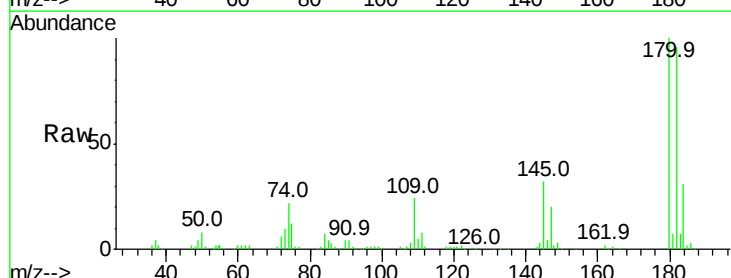
#30
 1,2,4-Trichlorobenzene
 Concen: 41.24 ng
 RT: 9.72 min Scan# 1324
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

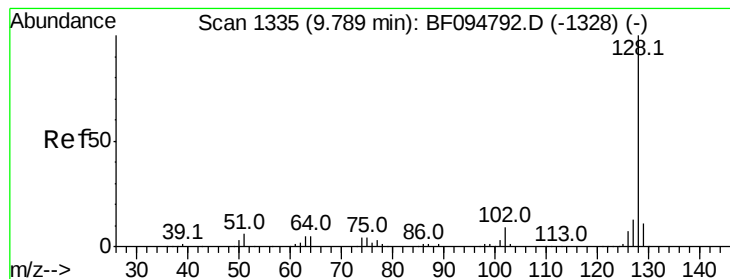
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.3	75.8	113.6
145	32.4	25.3	37.9

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



Time--> 9.65 9.70 9.75 9.80





#31

Naphthalene

Concen: 40.53 ng

RT: 9.83 min Scan# 1342

Delta R.T. 0.04 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

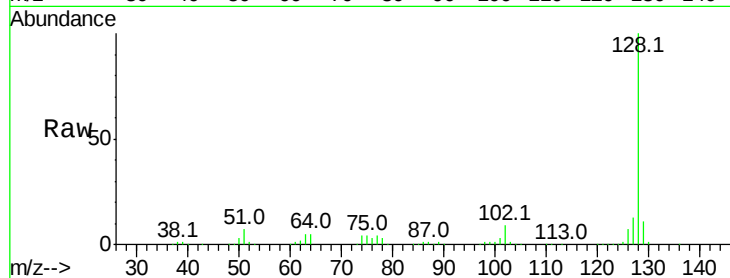
ClientSampleId :

SSTDCCC040

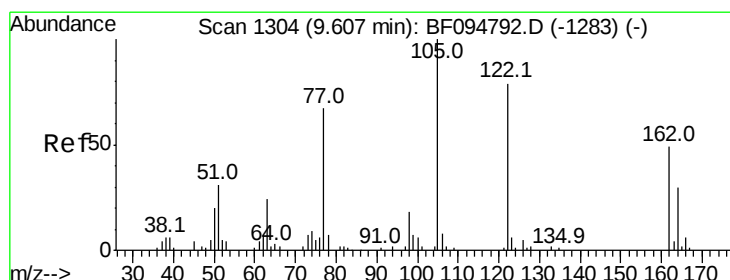
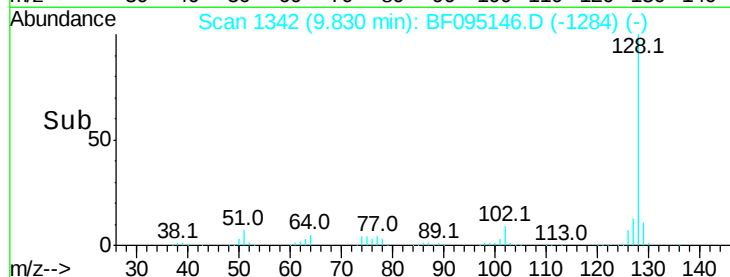
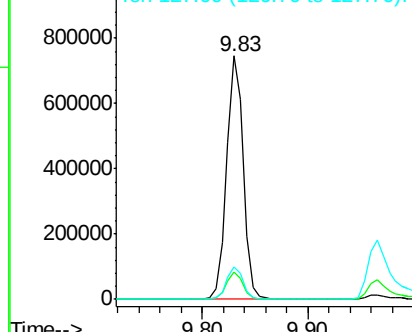
Tot Ion:	128	Resp:	814377
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.6
127	13.3	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.33 ng

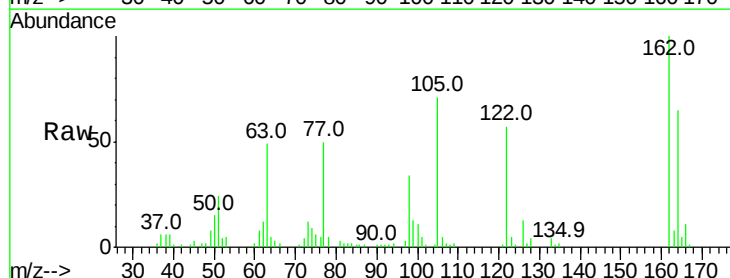
RT: 9.65 min Scan# 1312

Delta R.T. 0.05 min

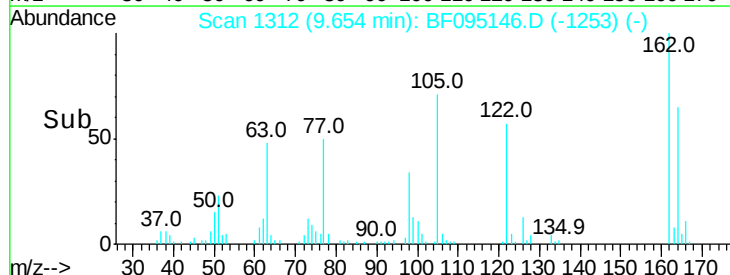
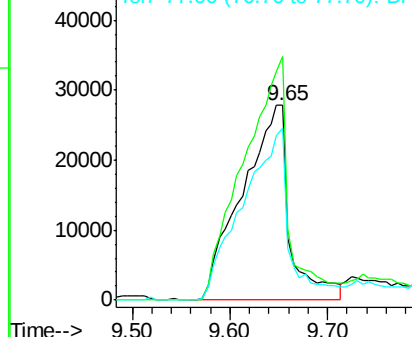
Lab File: BF095146.D

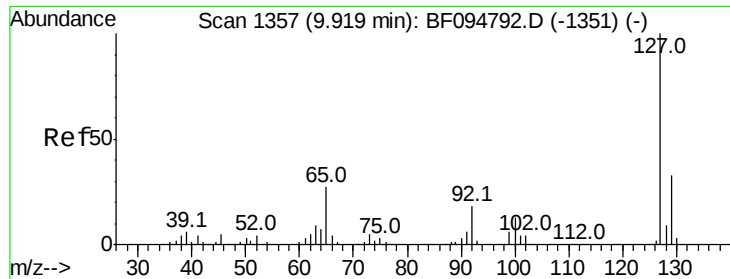
Acq: 16 May 2017 3:16

Tgt Ion:	122	Resp:	94687
Ion Ratio	Lower	Upper	
122	100		
105	125.2	103.3	143.3
77	88.4	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





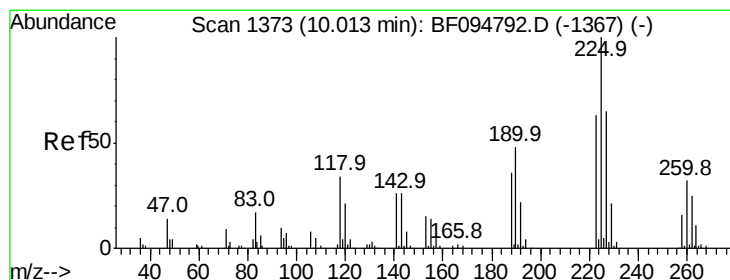
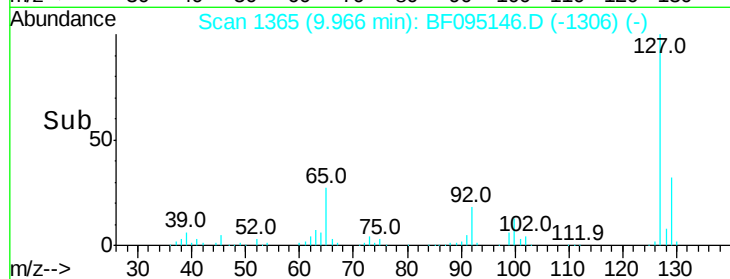
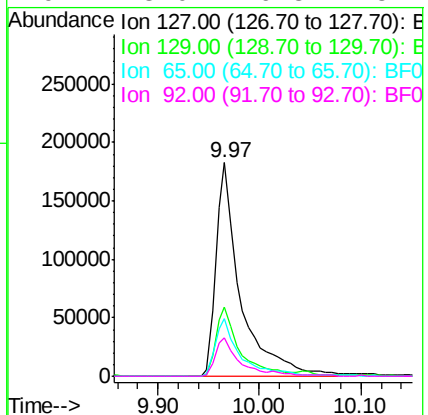
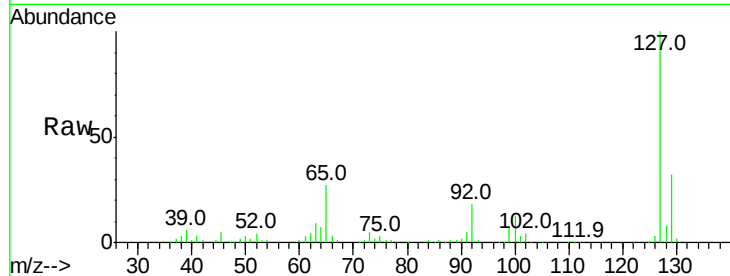
#33
4-Chloroaniline
Concen: 40.90 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.2	39.2
65	27.2	27.8	41.8
92	18.0	16.8	25.2

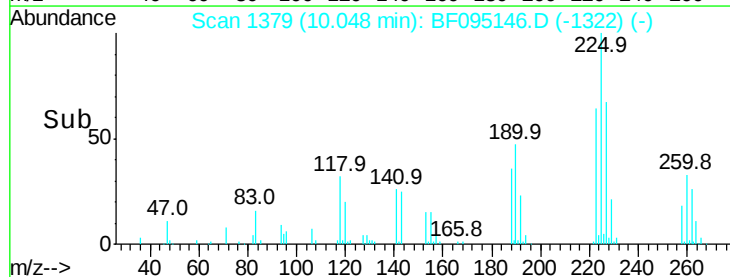
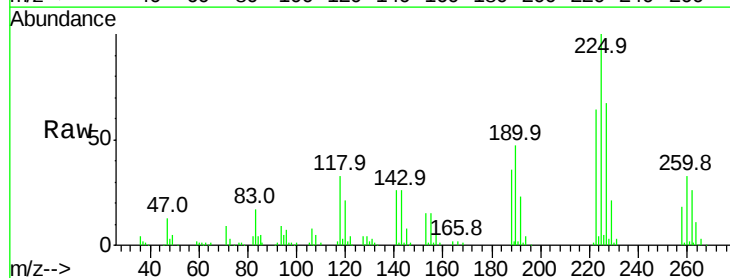
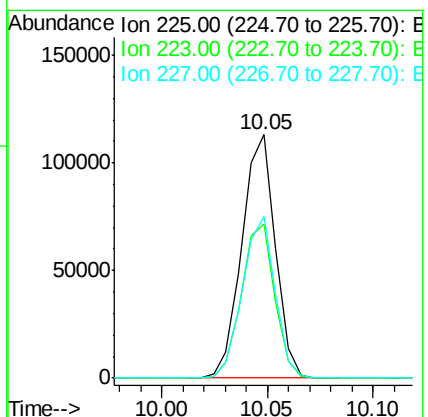
Manual Integrations
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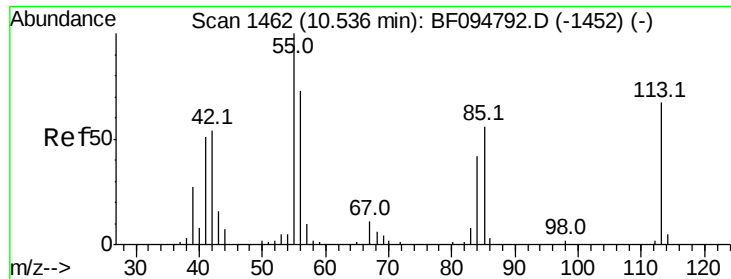
mohammad
5/17/2017 2:20:45 PM



#34
Hexachlorobutadiene
Concen: 40.04 ng
RT: 10.05 min Scan# 1379
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.5	48.8	73.2
227	66.5	51.1	76.7





#35

Caprolactam

Concen: 39.45 ng/mL

RT: 10.60 min Scan# 1472

Delta R.T. 0.06 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion:113 Resp: 64839

Ion Ratio Lower Upper

113 100

55 146.3 150.2 190.2#

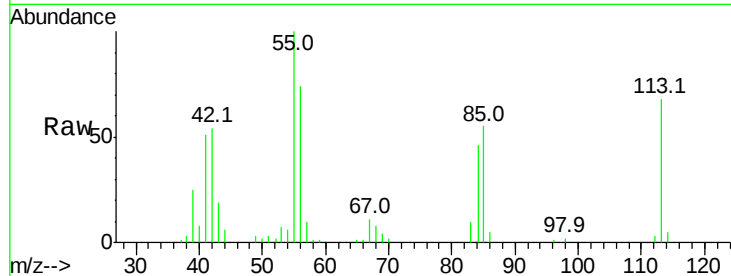
56 108.7 107.8 147.8

Manual Integrations

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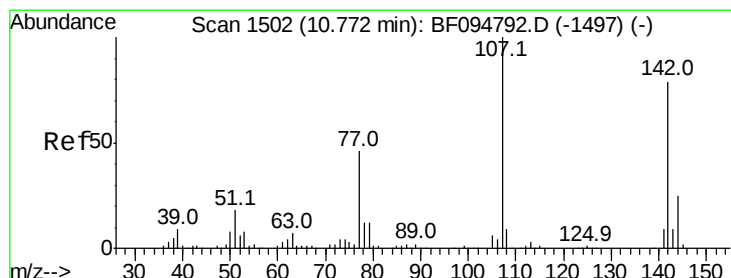
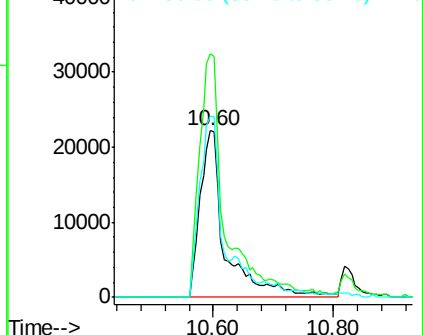
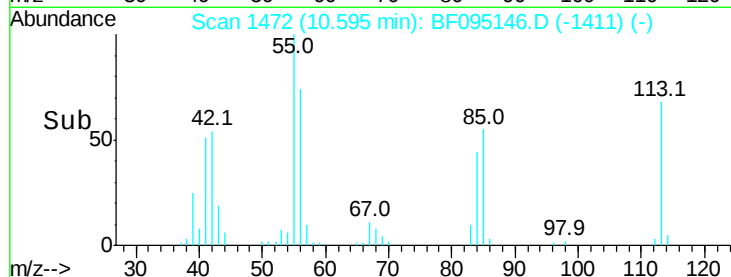
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.71 ng/mL

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

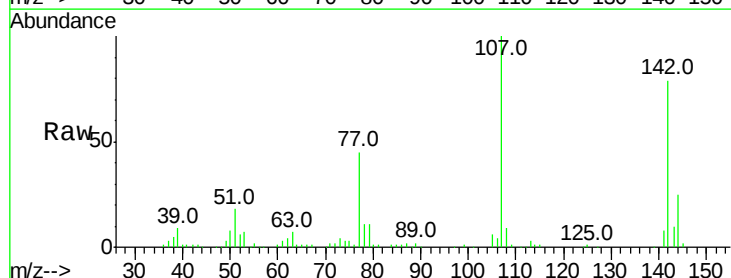
Tgt Ion:107 Resp: 232370

Ion Ratio Lower Upper

107 100

144 25.0 24.2 36.4

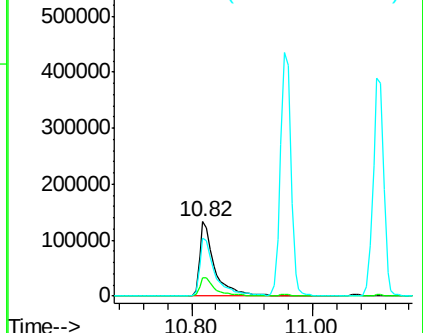
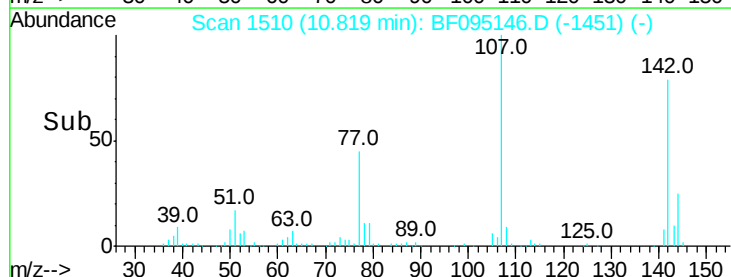
142 78.5 73.4 110.0

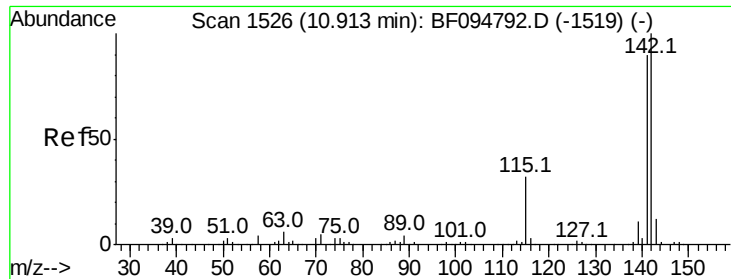


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





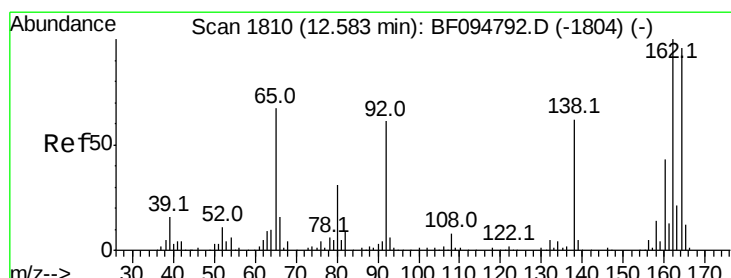
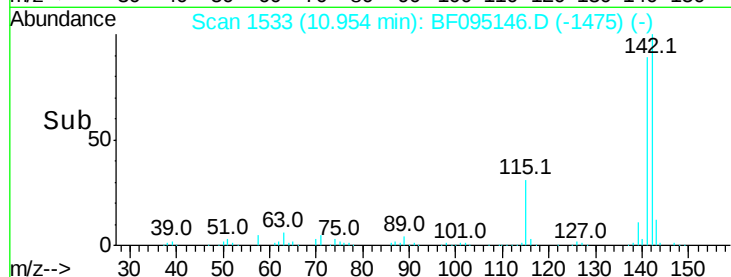
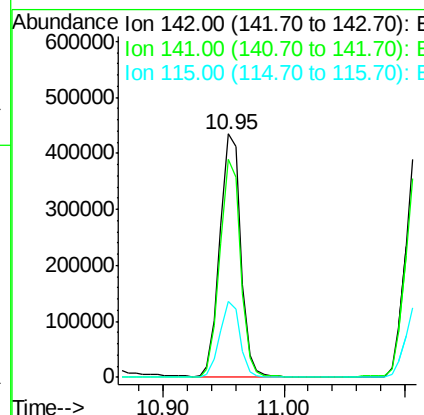
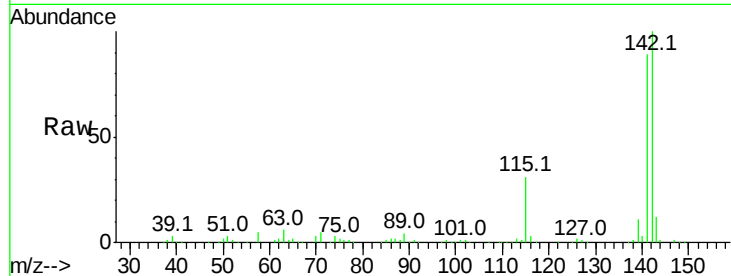
#37
2-Methylnaphthalene
Concen: 39.46 ng
RT: 10.95 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	31.0	27.1	40.7

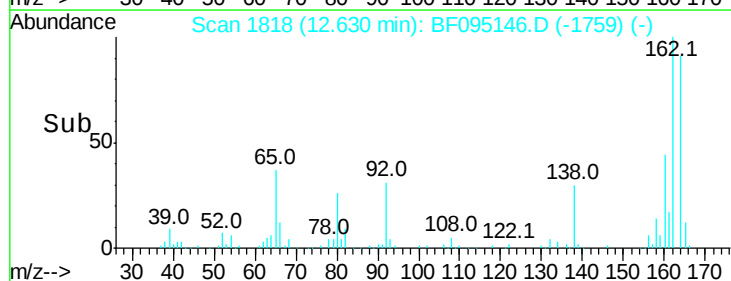
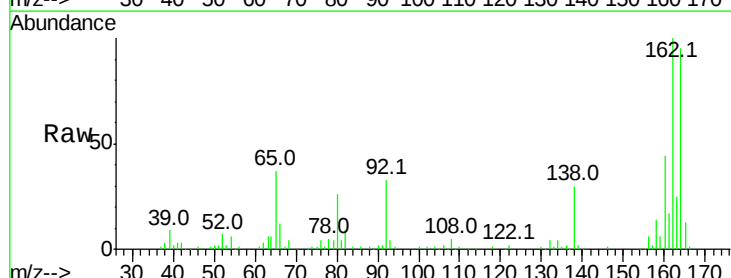
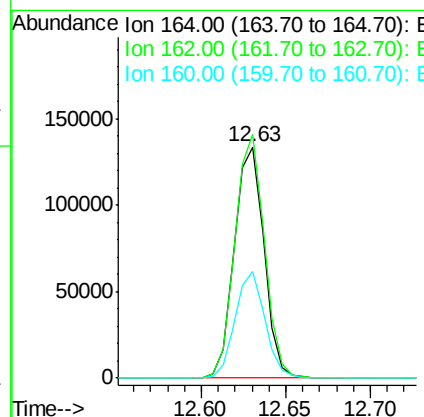
Manual Integrations
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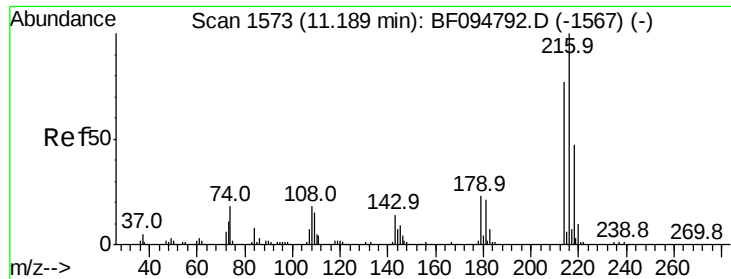
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1818
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.9	36.2	54.2





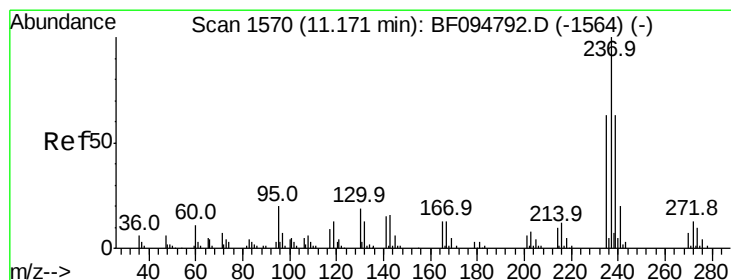
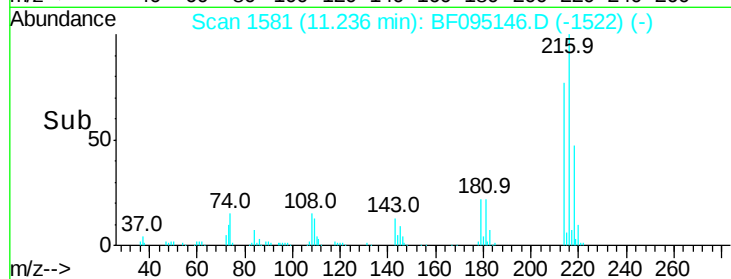
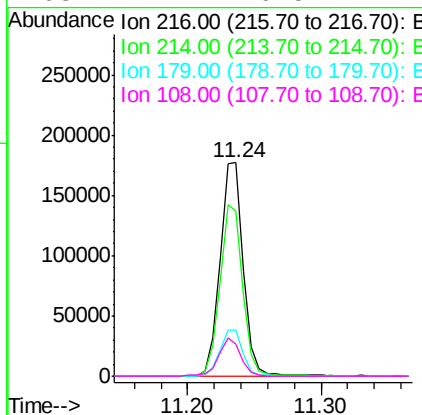
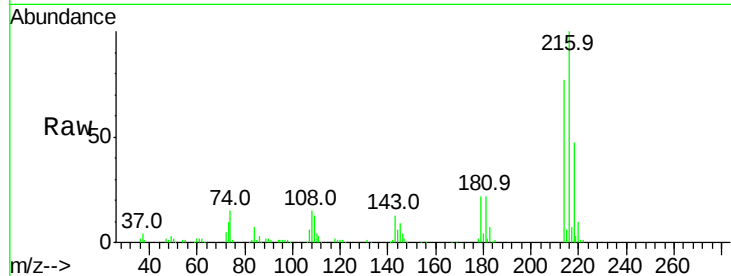
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.56 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	217823		
214	78.7	63.4	95.2	
179	21.5	17.9	26.9	
108	17.2	16.5	24.7	

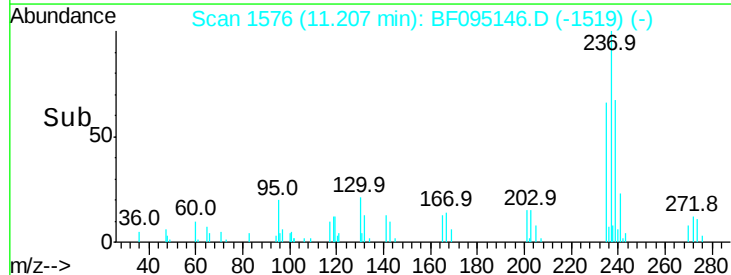
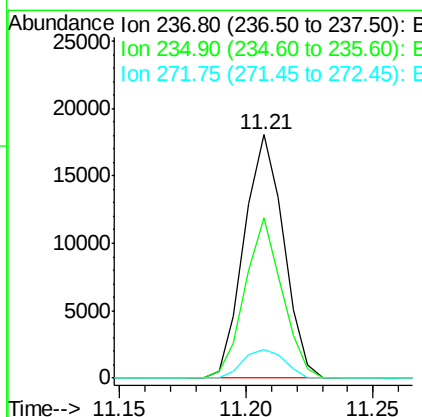
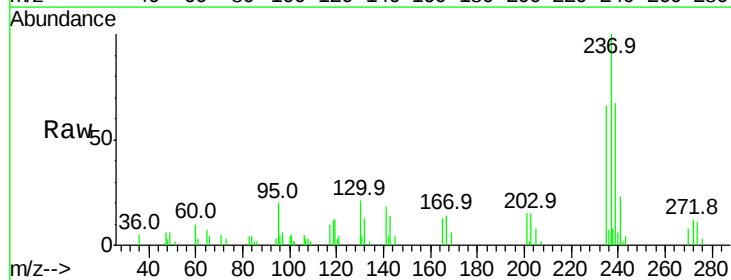
Manual Integrations
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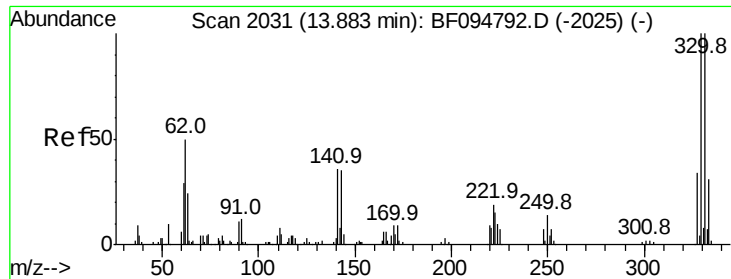
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 14.66 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. 0.04 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	19577		
235	65.7	42.6	82.6	
272	11.7	0.0	31.9	





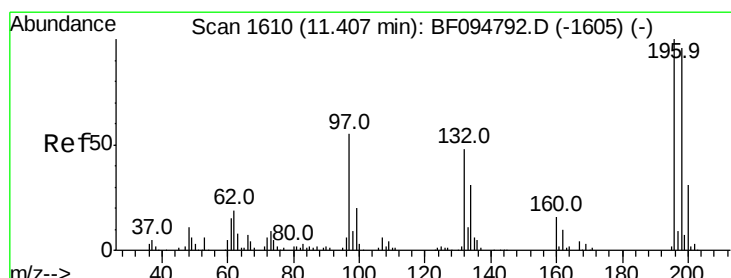
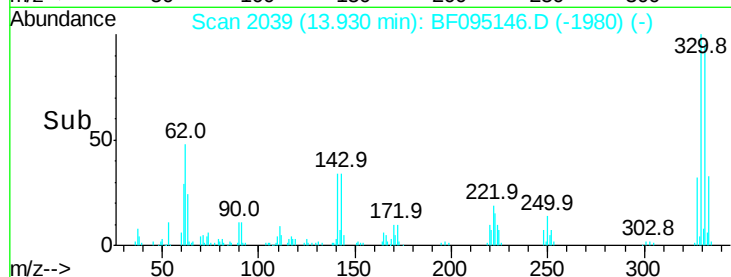
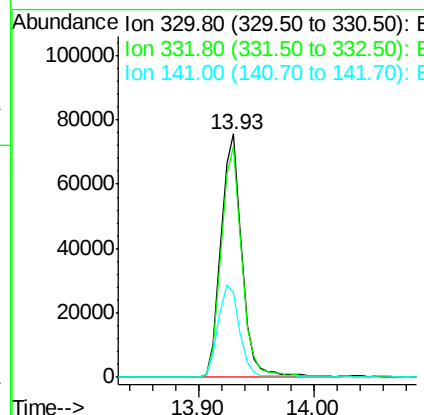
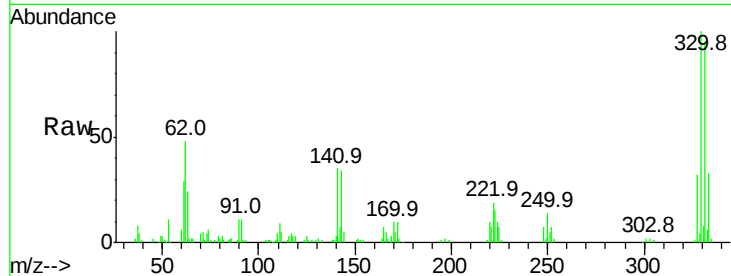
#41
 2,4,6-Tribromophenol
 Concen: 71.63 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	76.6	115.0	
141	39.3	31.4	47.2	

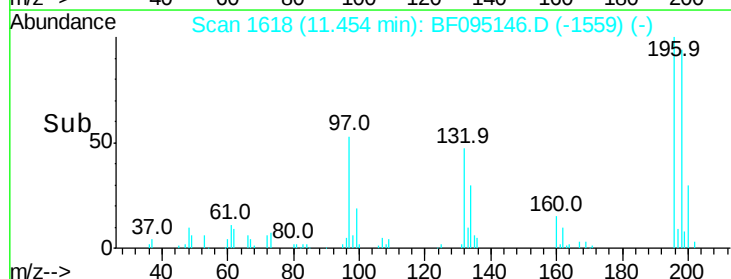
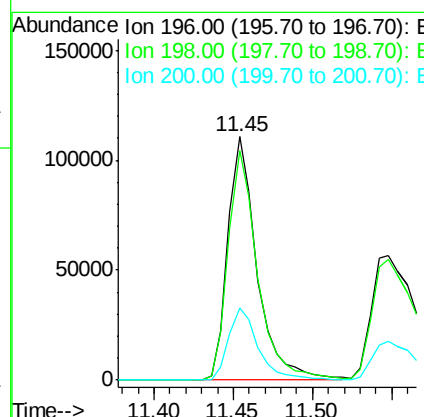
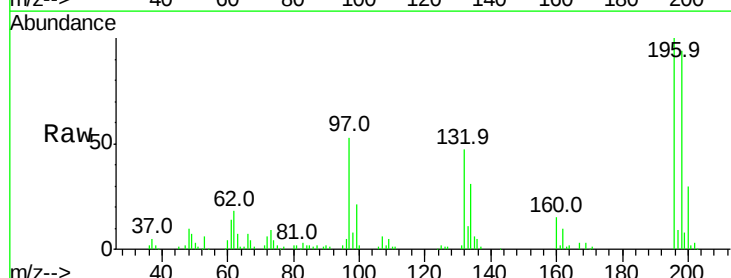
Manual Integrations
 APPROVED

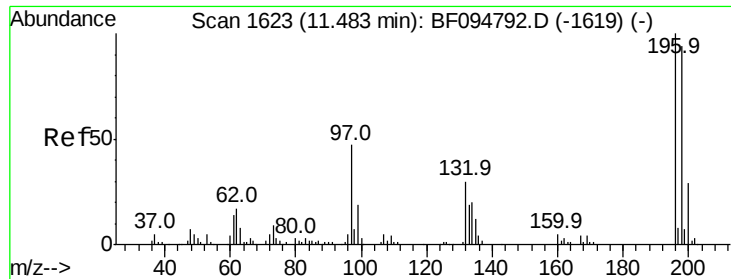
mohammad
 5/17/2017 2:20:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.26 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.1	74.2	111.4	
200	29.7	24.0	36.0	





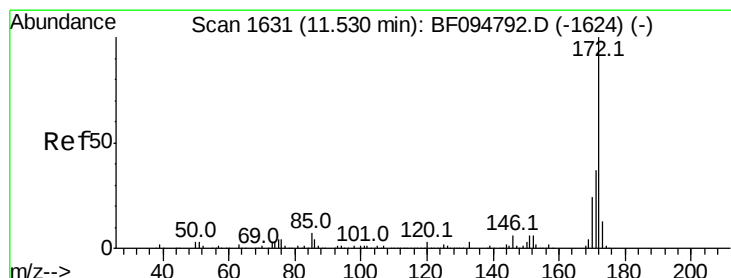
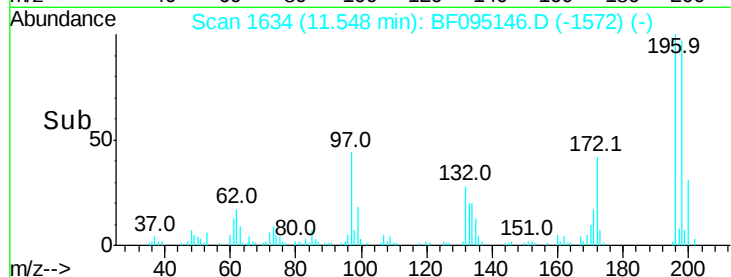
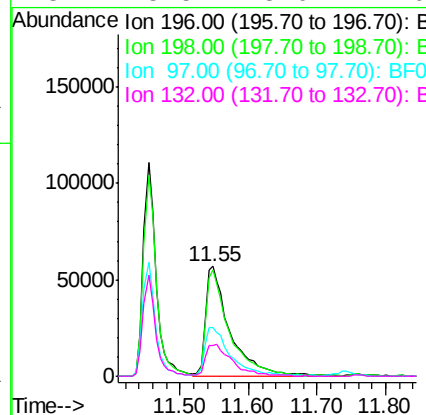
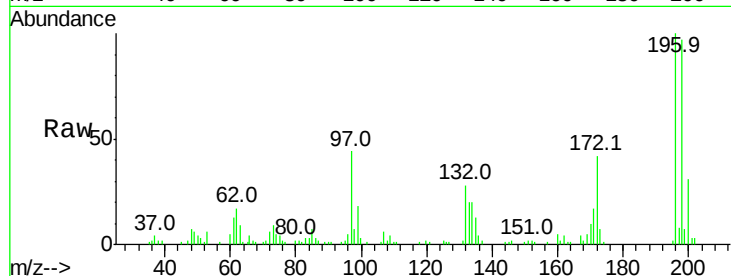
#43
 2,4,5-Trichlorophenol
 Concen: 39.12 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.06 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	140375		
198	97.1	75.7	113.5	
97	44.3	47.7	71.5#	
132	28.5	28.0	42.0	

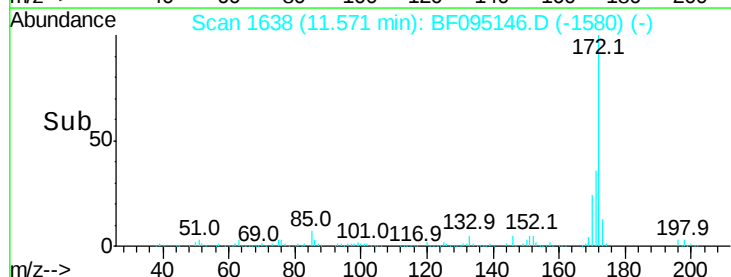
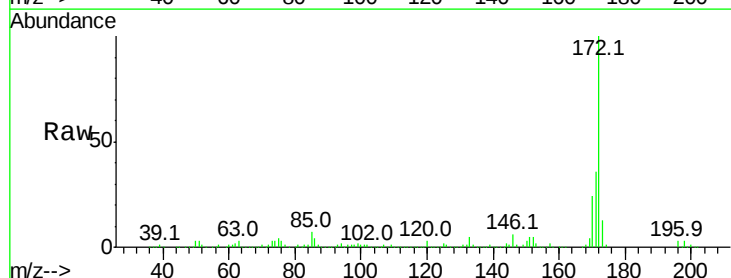
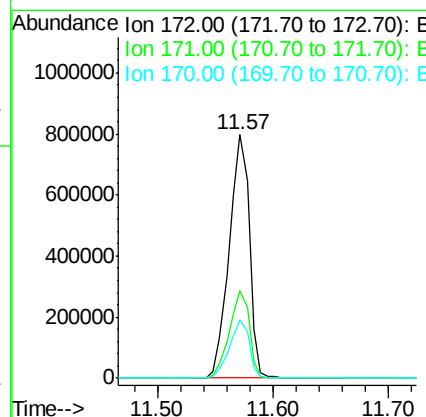
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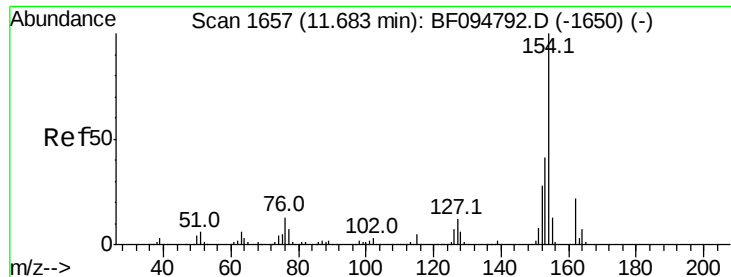
mohammad
 5/17/2017 2:20:45 PM



#44
 2-Fluorobiphenyl
 Concen: 85.51 ng
 RT: 11.57 min Scan# 1638
 Delta R.T. 0.04 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	966046		
171	36.0	29.6	44.4	
170	23.6	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 43.77 ng

RT: 11.72 min Scan# 1664

Delta R.T. 0.04 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

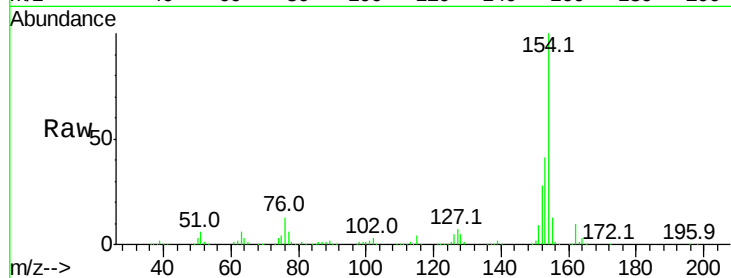
ClientSampleId :

SSTDCCC040

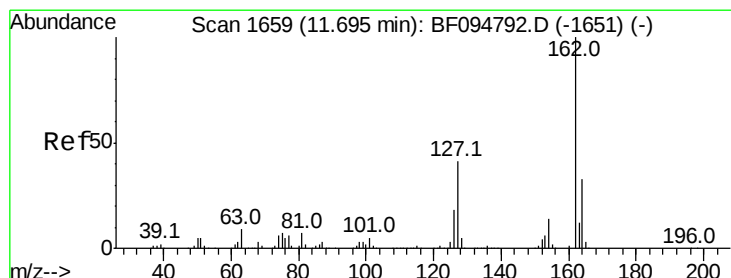
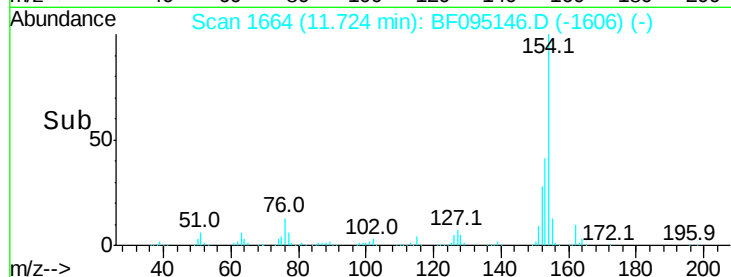
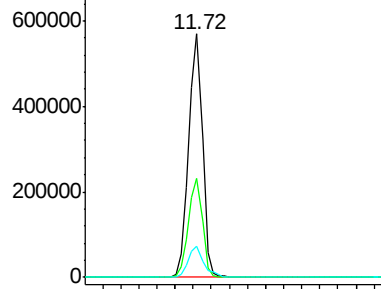
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.8	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.75 ng

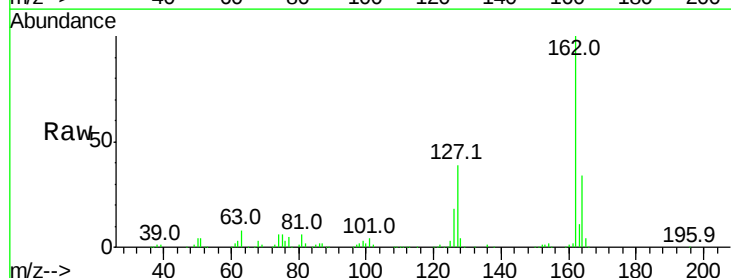
RT: 11.74 min Scan# 1667

Delta R.T. 0.05 min

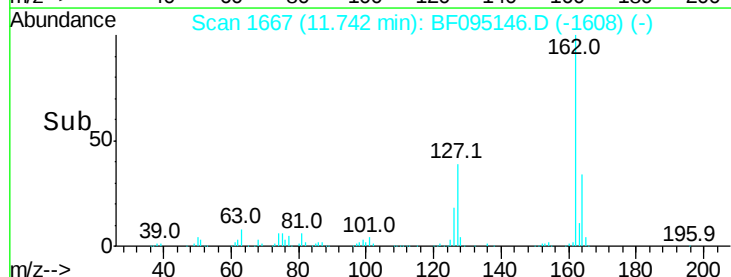
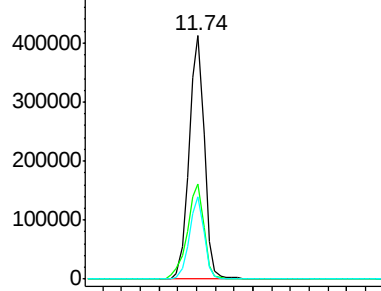
Lab File: BF095146.D

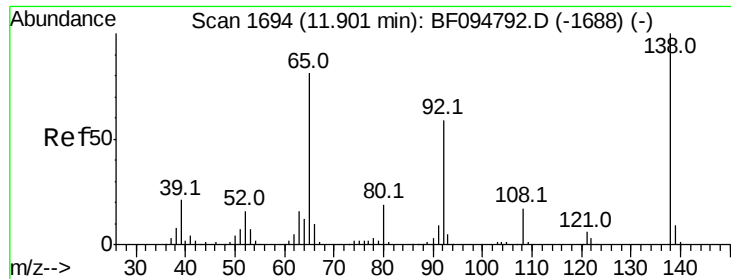
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	28.3	42.5
164	33.6	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





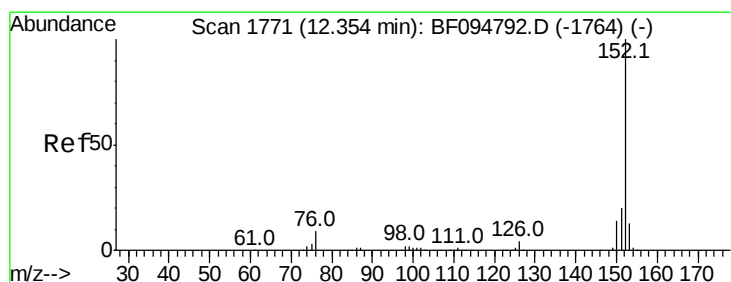
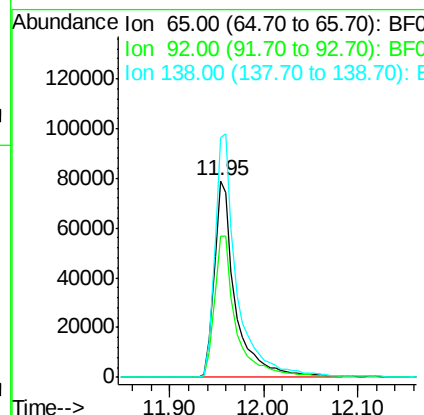
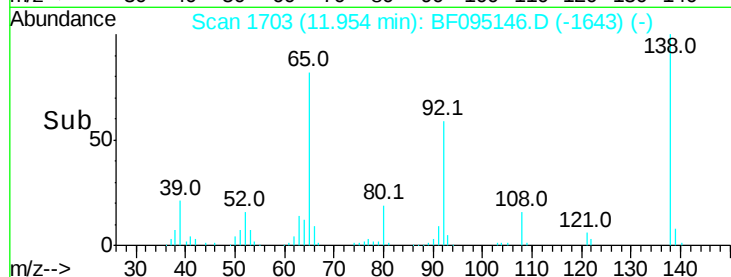
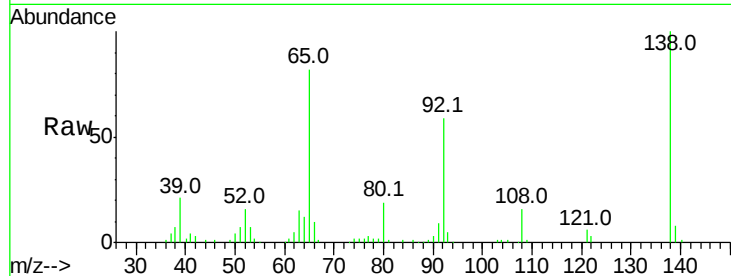
#47
2-Nitroaniline
Concen: 41.60 ng
RT: 11.95 min Scan# 1703
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.9	80.9
138	121.6	78.8	118.2#

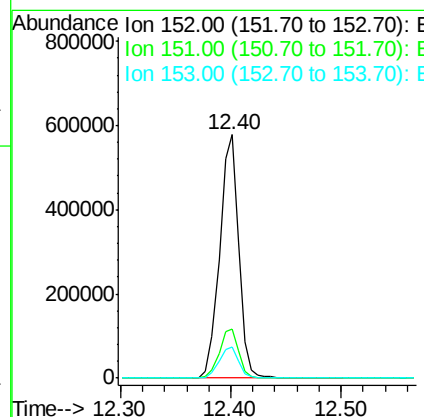
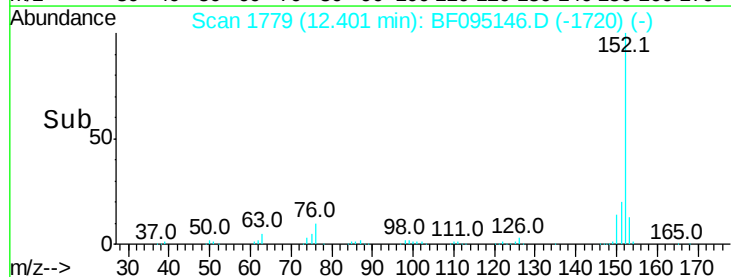
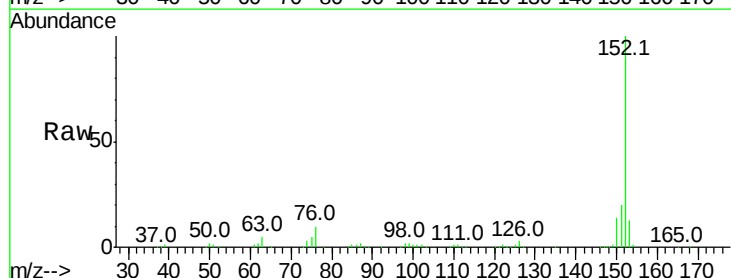
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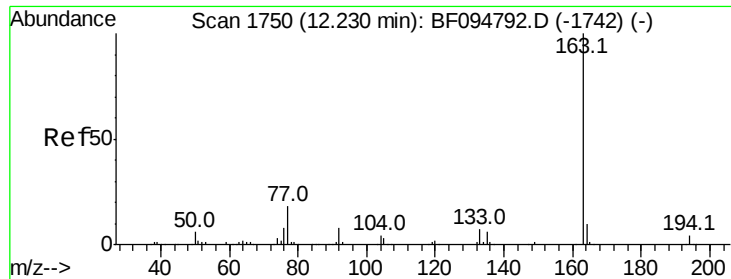
mohammad
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#48
Acenaphthylene
Concen: 39.85 ng
RT: 12.40 min Scan# 1779
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.8	10.8	16.2





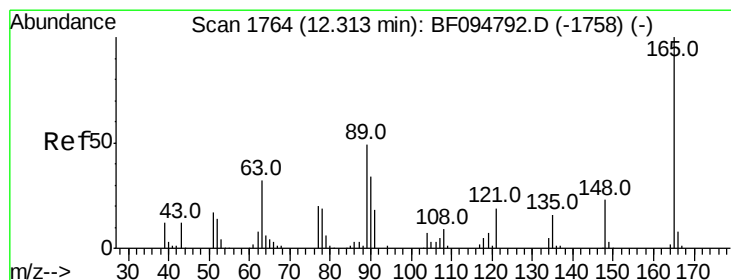
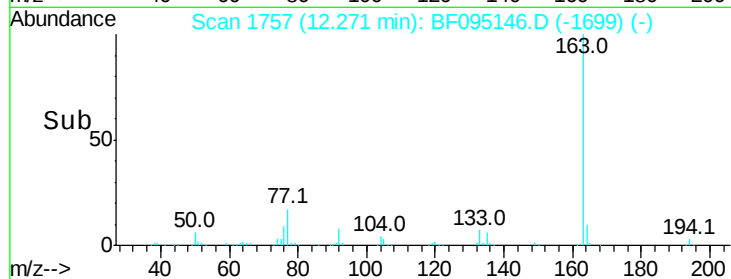
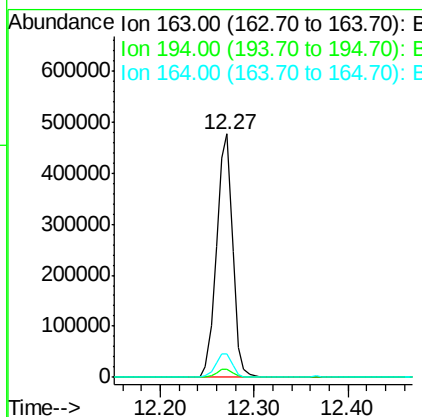
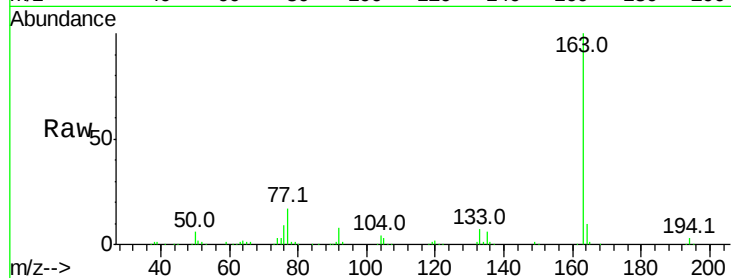
#49
Dimethylphthalate
Concen: 42.87 ng
RT: 12.27 min Scan# 1757
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	572279		
194	3.4		2.6	4.0
164	9.8		8.4	12.6

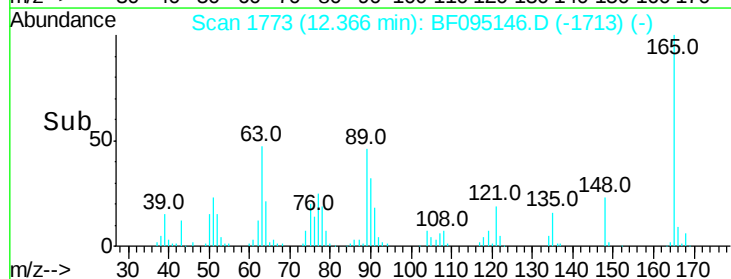
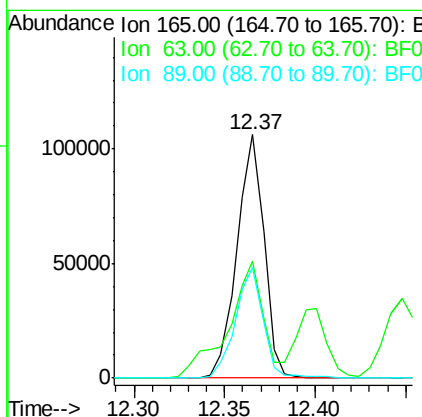
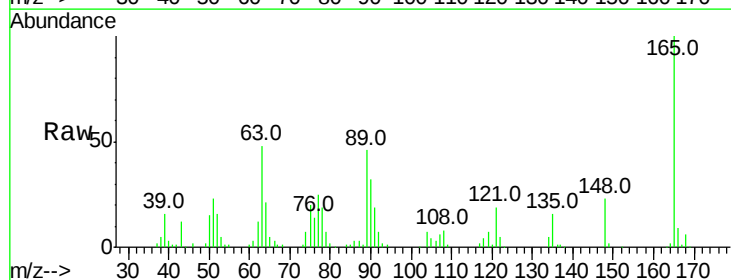
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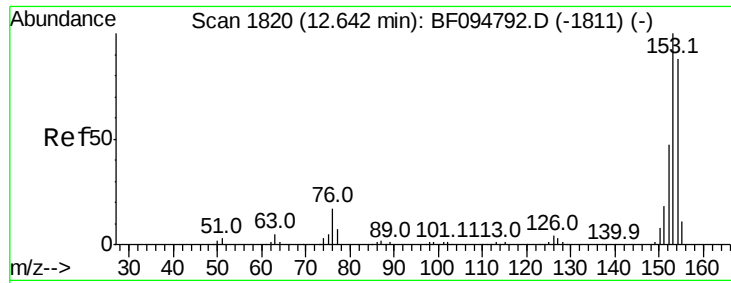
mohammad
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#50
2,6-Dinitrotoluene
Concen: 40.41 ng
RT: 12.37 min Scan# 1773
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110038		
63	47.9		34.3	51.5
89	45.6		37.1	55.7





#51

Acenaphthene

Concen: 39.76 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.04 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

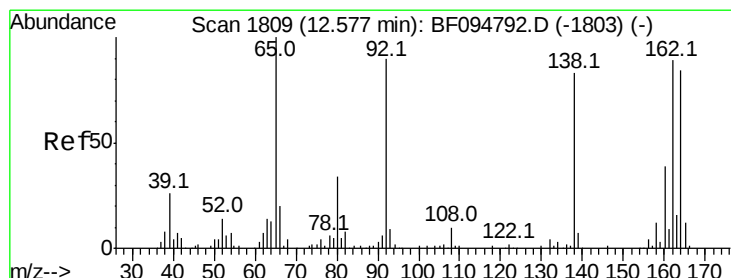
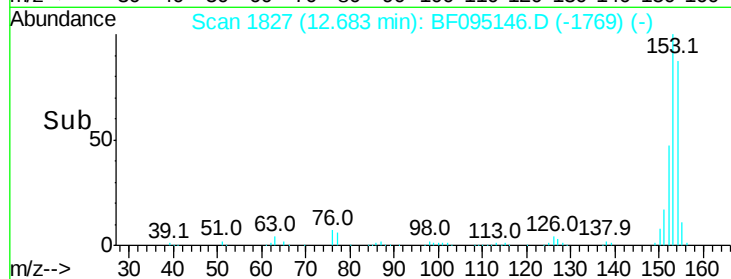
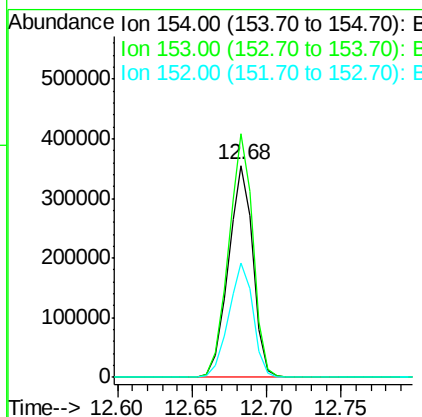
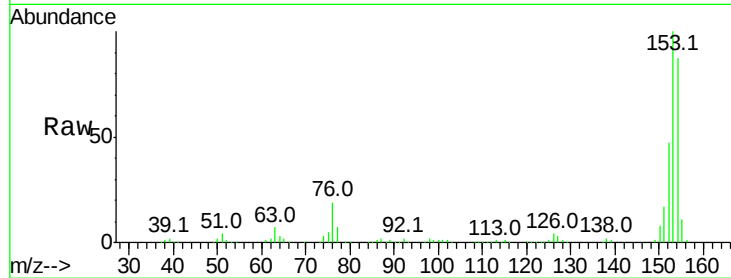
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.5	135.7
152	54.1	43.6	65.4

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#52

3-Nitroaniline

Concen: 41.76 ng

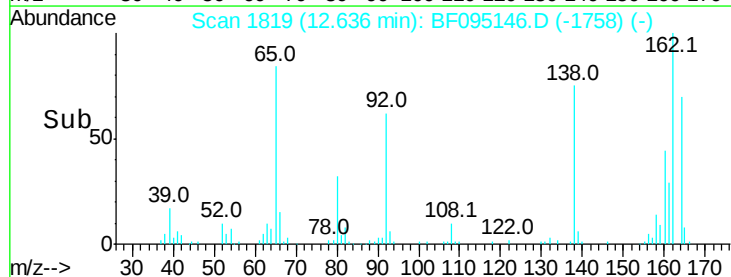
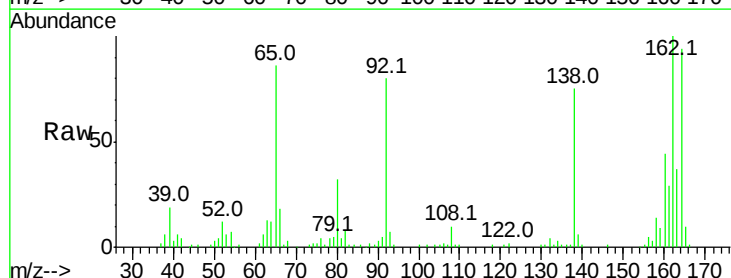
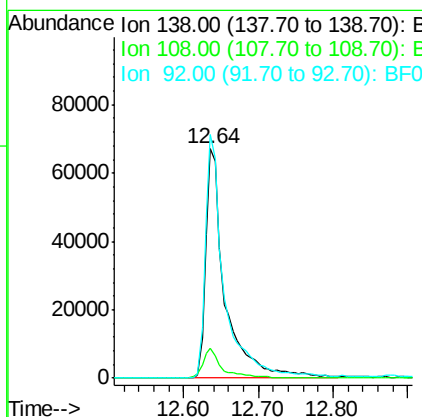
RT: 12.64 min Scan# 1819

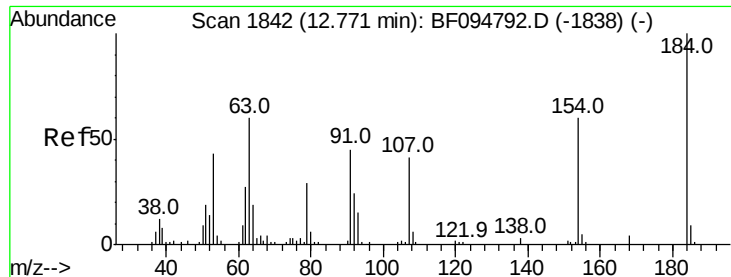
Delta R.T. 0.06 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.8	9.1	13.7
92	106.1	93.8	140.6





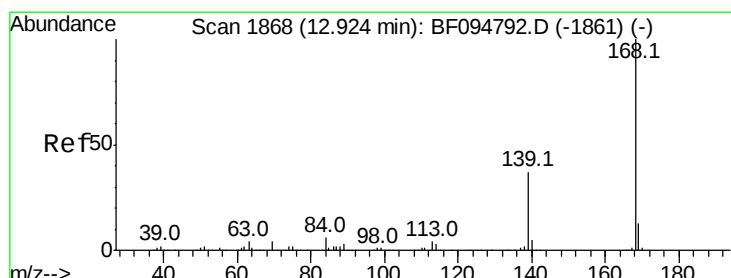
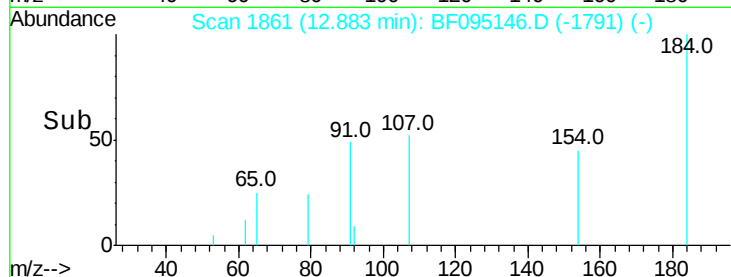
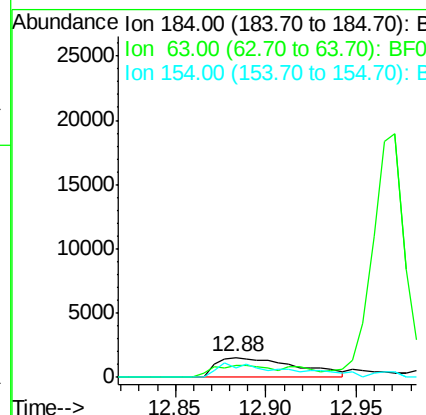
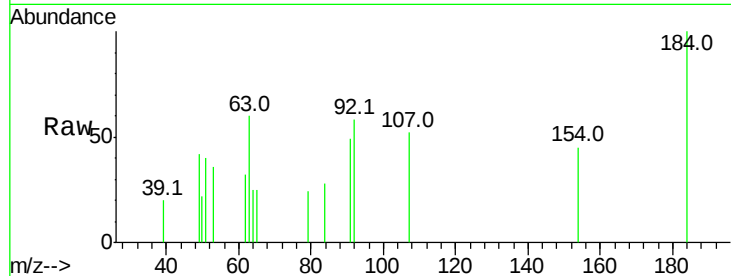
#53
 2,4-Dinitrophenol
 Concen: 9.21 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. 0.11 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.6	62.7	94.1#
154	44.6	81.1	121.7#

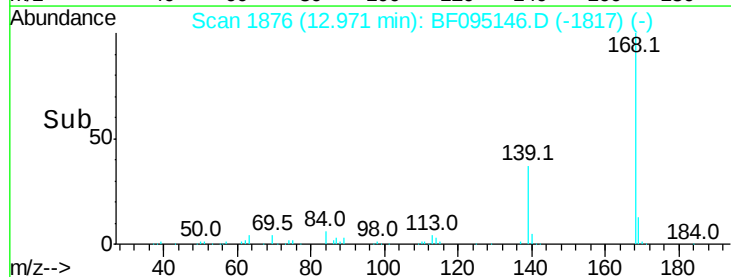
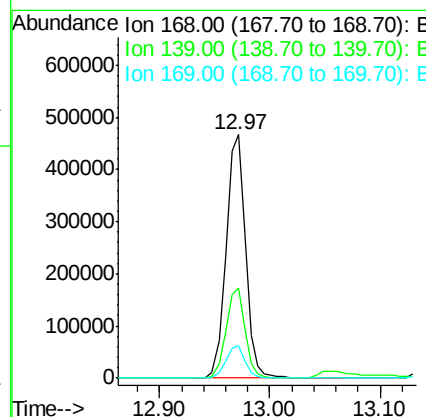
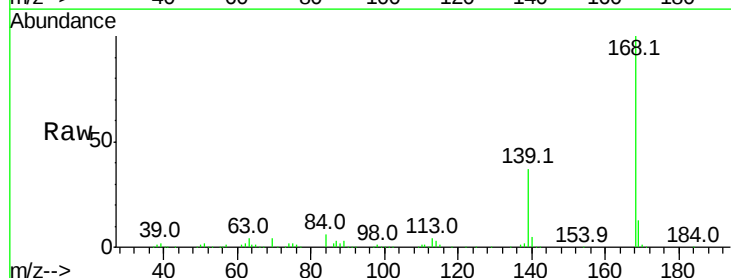
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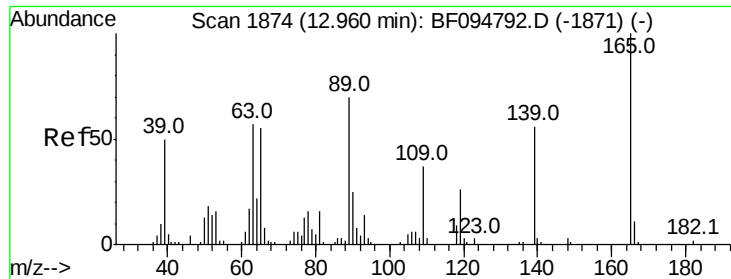
mohammad
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#54
 Dibenzofuran
 Concen: 40.10 ng
 RT: 12.97 min Scan# 1876
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.6	45.8
169	13.1	10.8	16.2





#55

4-Nitrophenol

Concen: 21.83 ng/mL

RT: 13.05 min Scan# 1889

Delta R.T. 0.09 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 38322

Ion Ratio Lower Upper

139 100

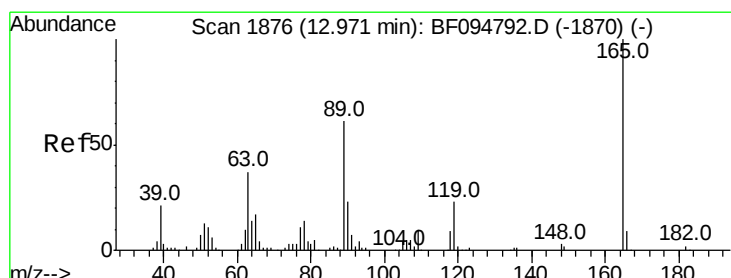
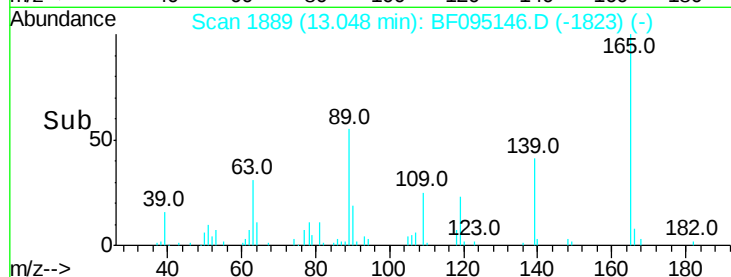
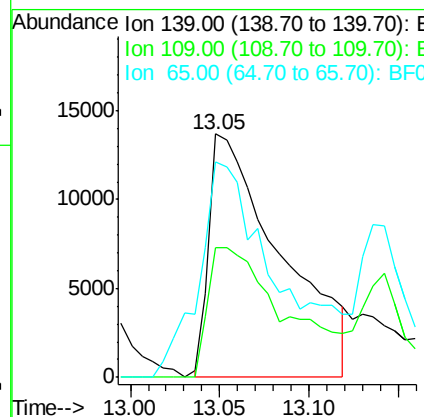
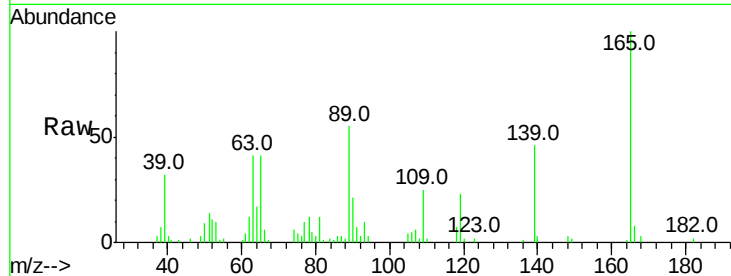
109 53.3 34.1 74.1

65 88.3 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 38.79 ng/mL

RT: 13.03 min Scan# 1886

Delta R.T. 0.06 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion:165 Resp: 135751

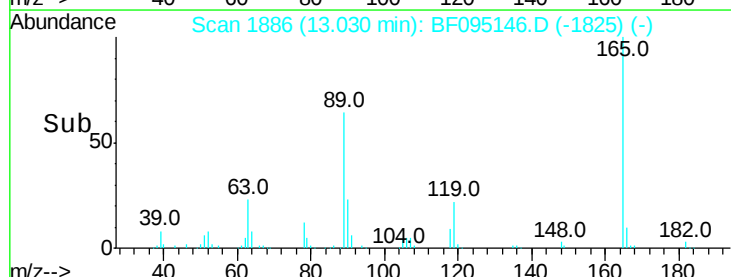
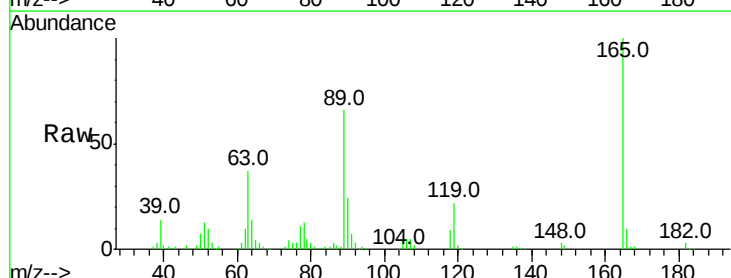
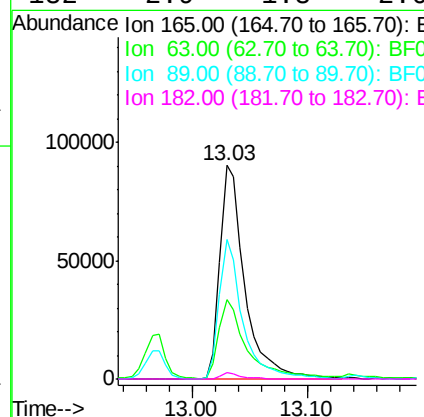
Ion Ratio Lower Upper

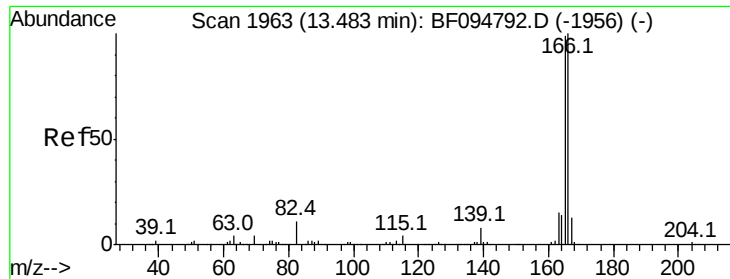
165 100

63 37.3 25.4 38.0

89 65.6 46.4 69.6

182 2.9 1.8 2.6#





#57

Fluorene

Concen: 37.99 ng

RT: 13.52 min Scan# 1970

Delta R.T. 0.04 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

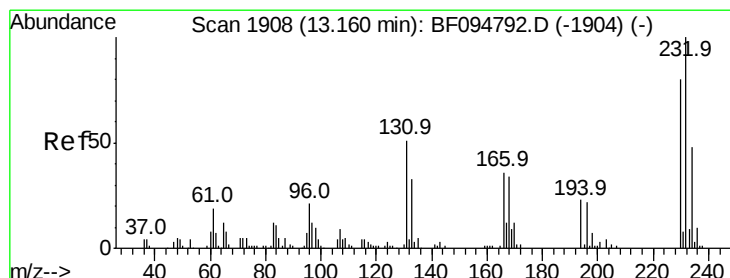
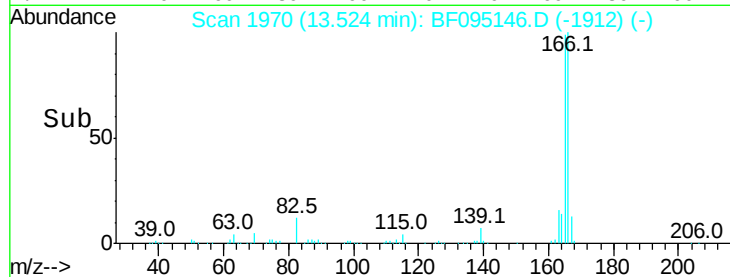
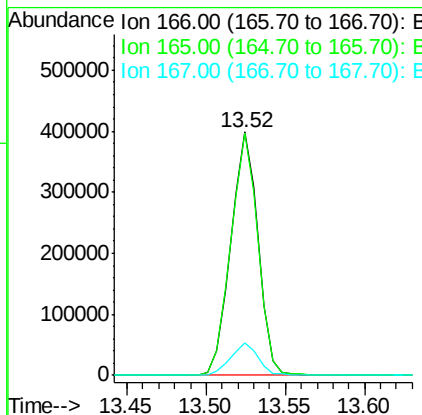
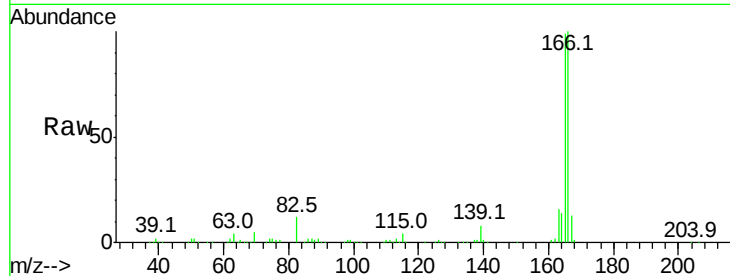
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.10 ng

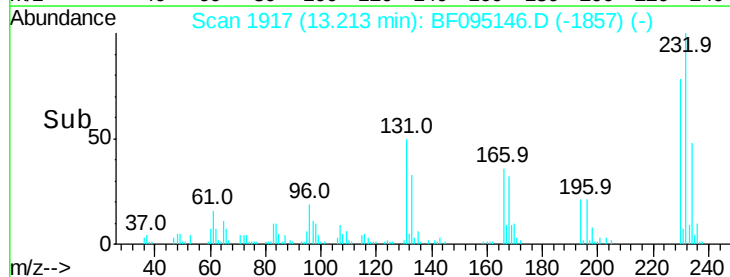
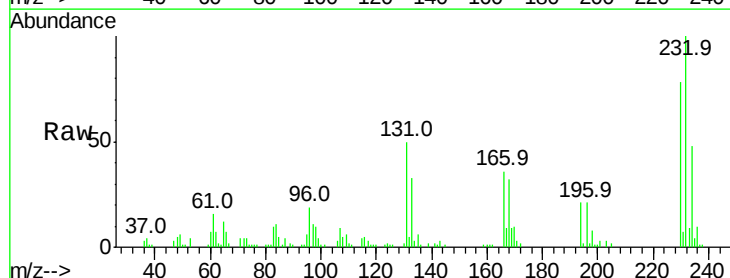
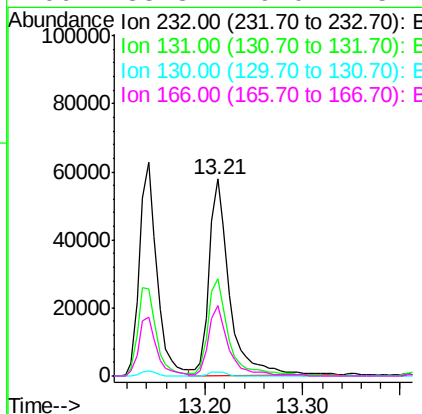
RT: 13.21 min Scan# 1917

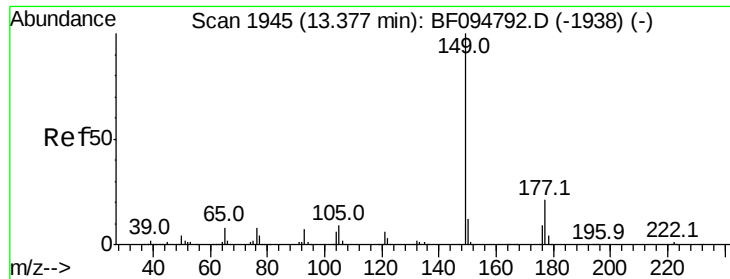
Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.8	44.8	67.2
130	1.8	2.3	3.5
166	33.3	29.0	43.4





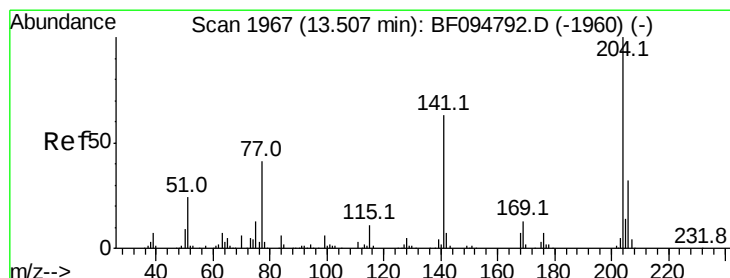
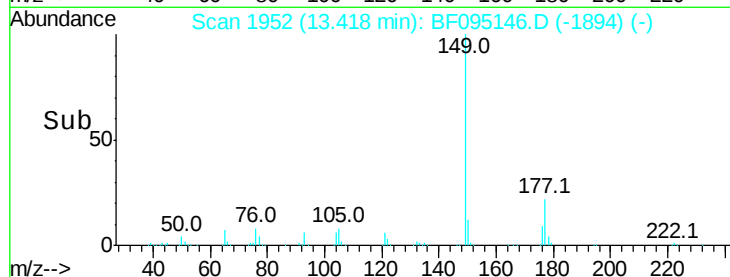
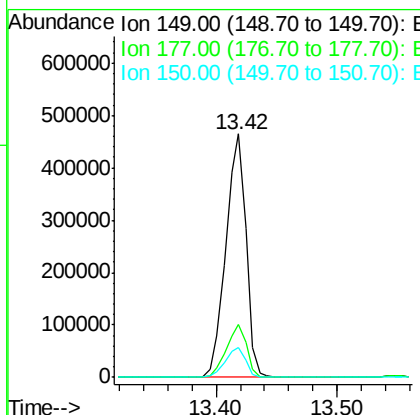
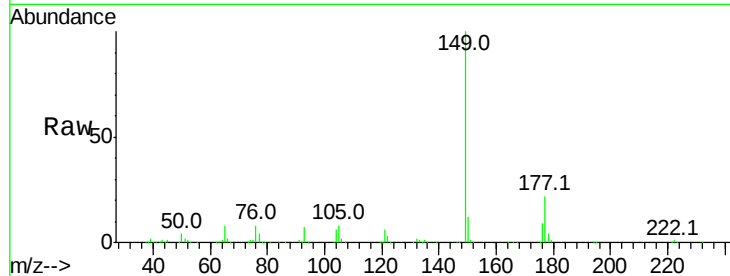
#59
Diethylphthalate
Concen: 42.18 ng
RT: 13.42 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	539615		
177	21.6	16.7	25.1	
150	12.4	10.2	15.2	

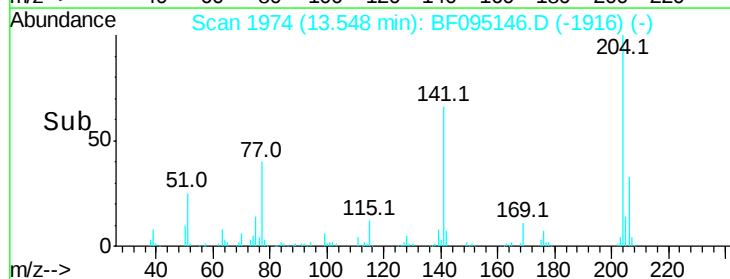
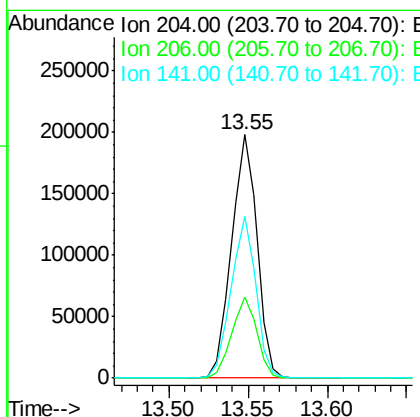
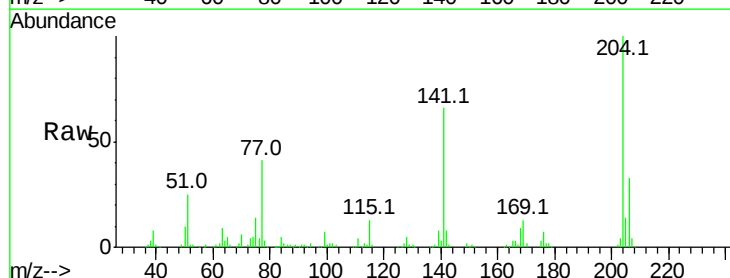
Manual Integrations
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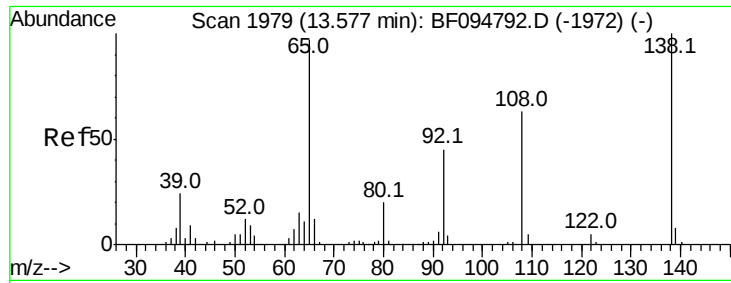
mohammad
5/17/2017 2:20:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.38 ng
RT: 13.55 min Scan# 1974
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	220830		
206	33.1	26.2	39.2	
141	66.4	60.8	91.2	





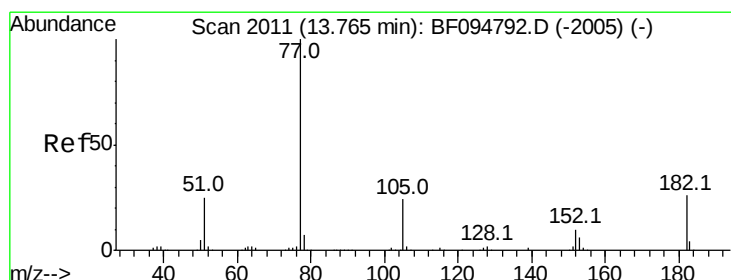
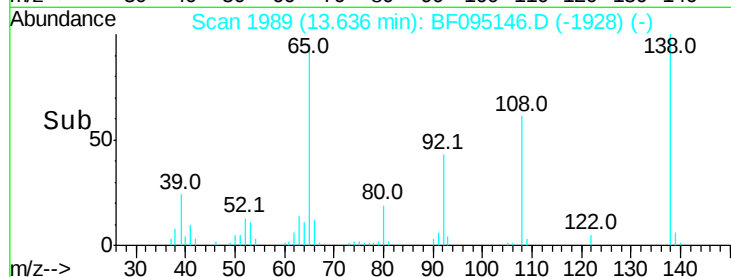
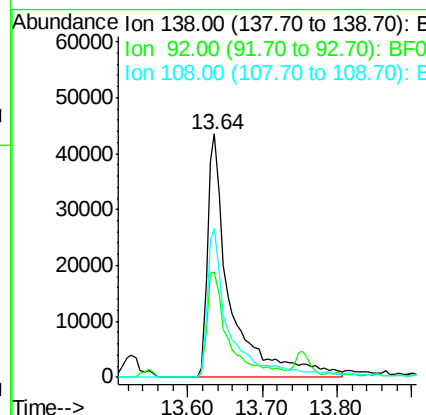
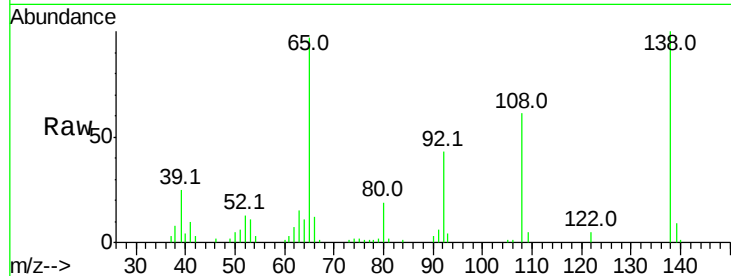
#61
4-Nitroaniline
Concen: 34.46 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.0	21.8	61.8
108	61.3	42.3	82.3

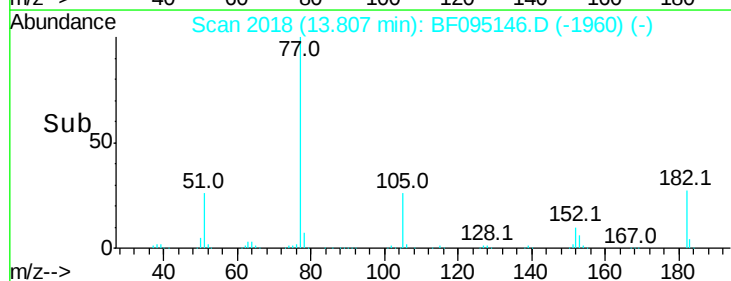
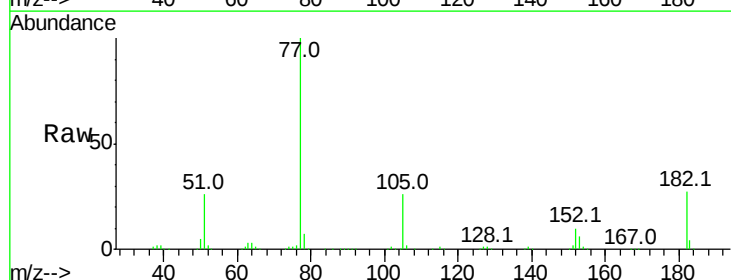
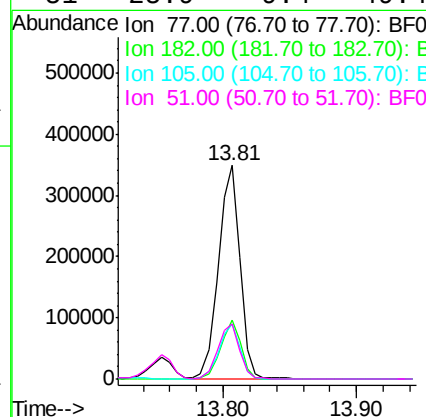
Manual Integrations
APPROVED

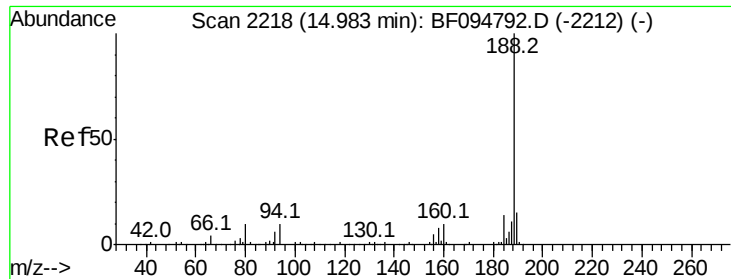
mohammad
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#62
Azobenzene
Concen: 38.53 ng
RT: 13.81 min Scan# 2018
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	0.1	40.1
105	25.8	3.6	43.6
51	25.9	9.4	49.4





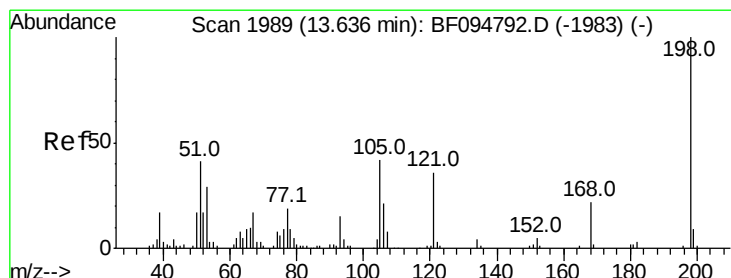
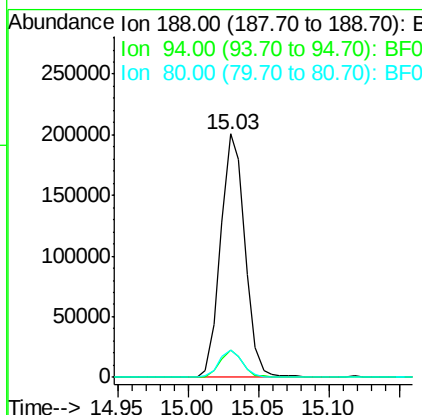
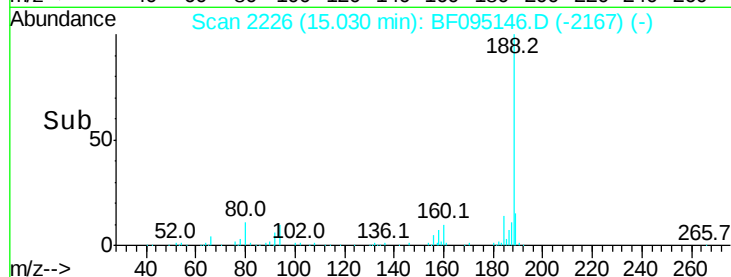
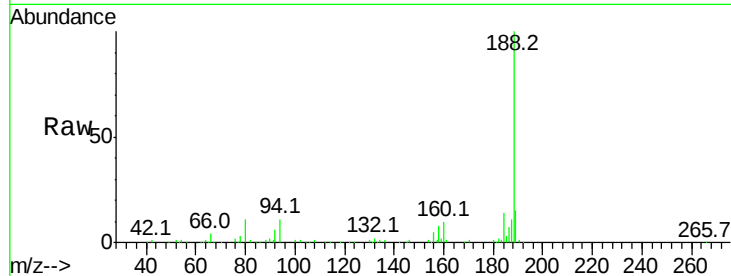
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	240082		
94	11.0		9.4	14.2
80	11.2		10.2	15.2

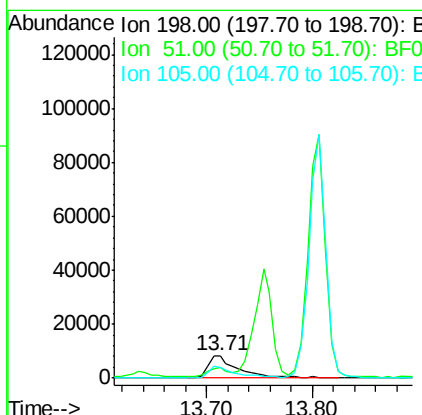
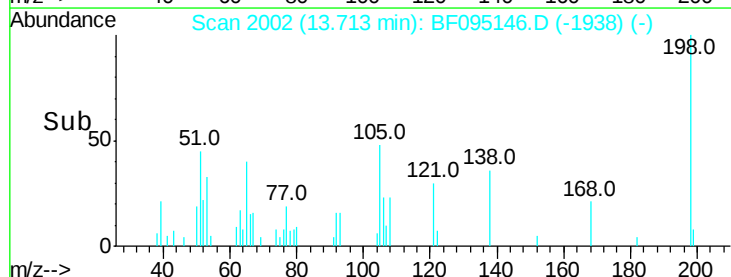
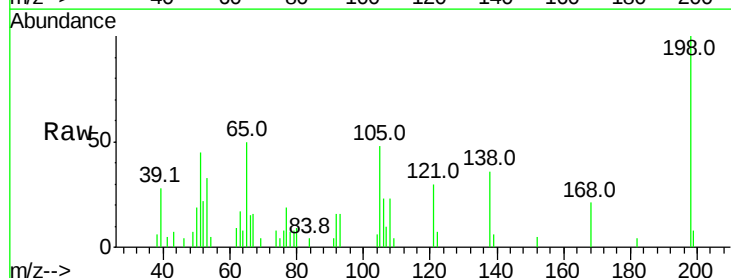
Manual Integrations
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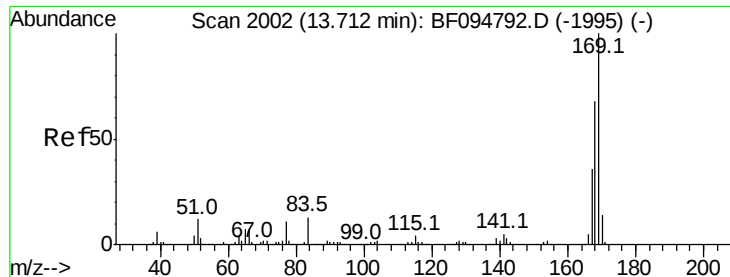
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.09 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.08 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	16244		
51	44.8		53.2	93.2#
105	47.8		45.8	85.8





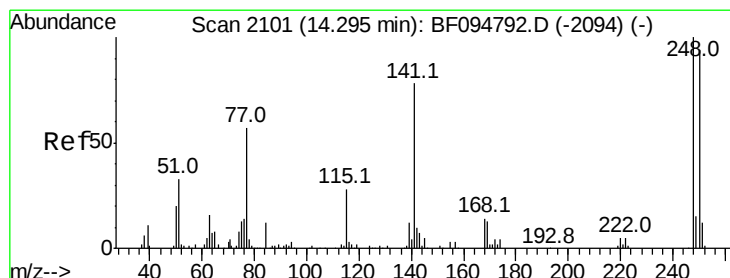
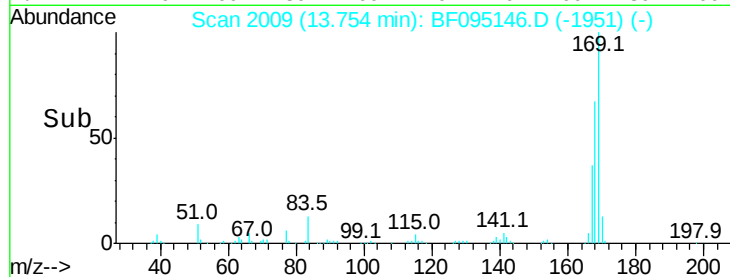
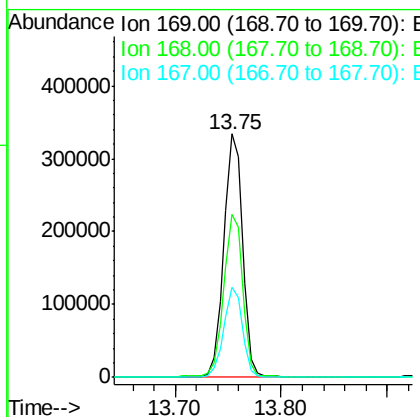
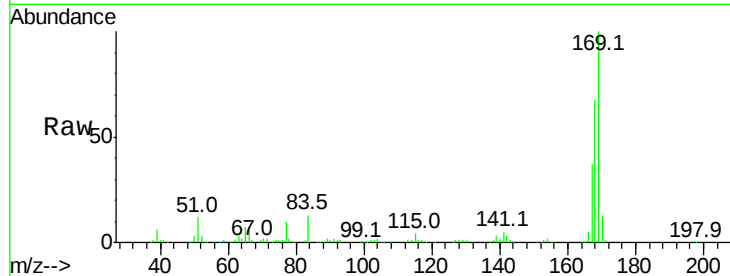
#65
n-Nitrosodiphenylamine
Concen: 47.56 ng
RT: 13.75 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	414417		
168	66.7	53.2	79.8	
167	37.1	29.5	44.3	

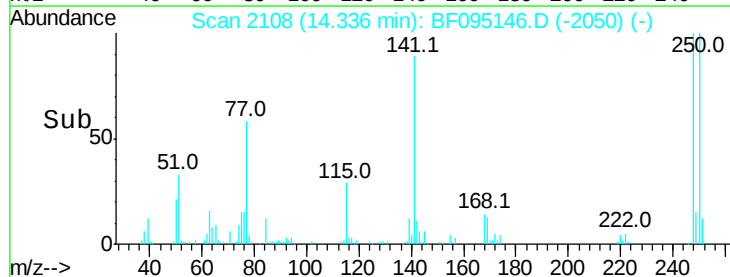
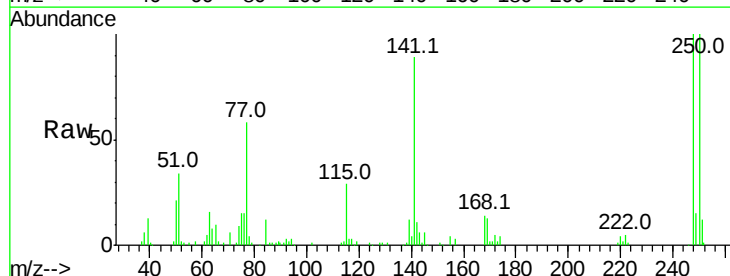
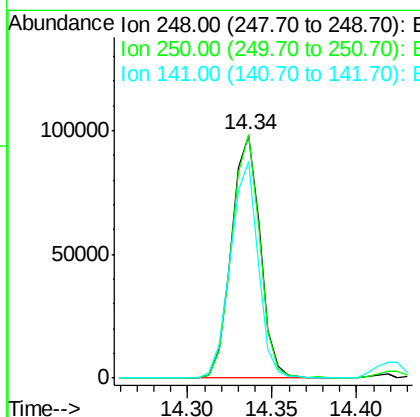
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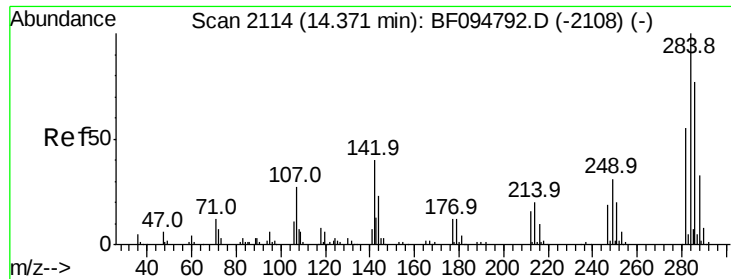
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 45.50 ng
RT: 14.34 min Scan# 2108
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	115398		
250	100.4	76.8	115.2	
141	89.2	68.6	103.0	





#67

Hexachlorobenzene

Concen: 42.03 ng

RT: 14.42 min Scan# 2123

Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

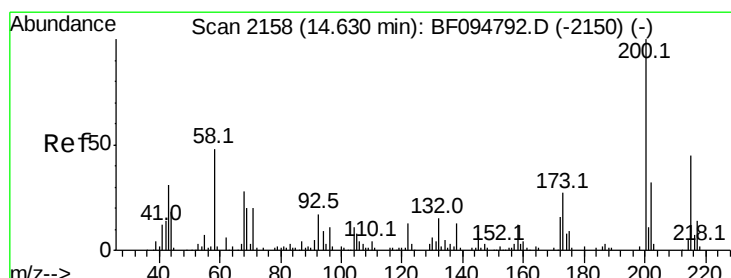
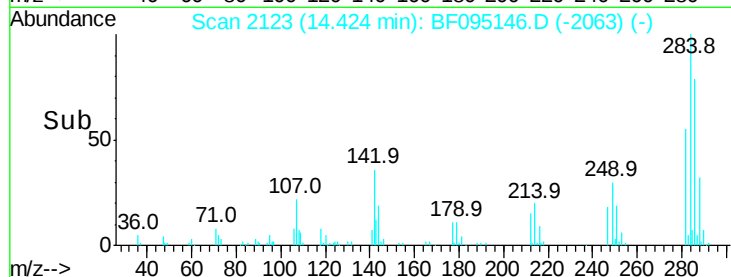
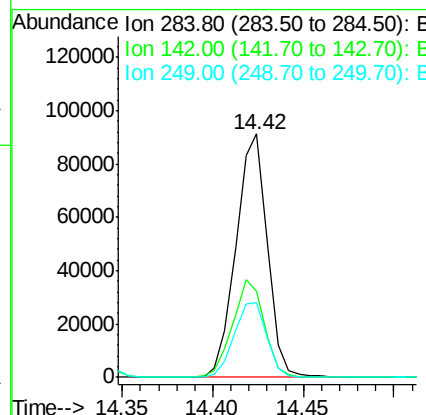
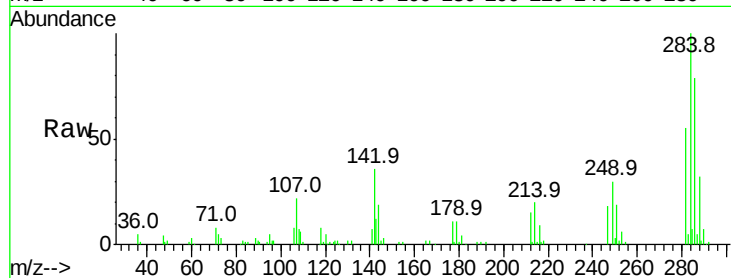
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	109264		
142	35.6	22.8	34.2#	
249	30.5	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 41.16 ng

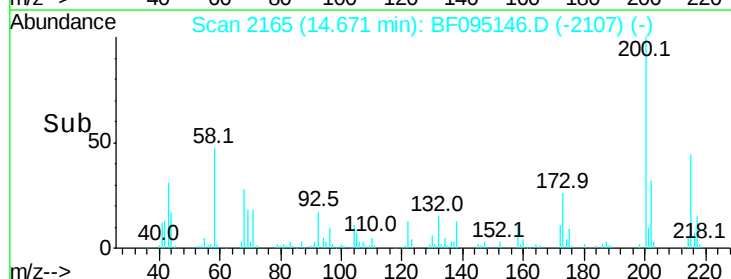
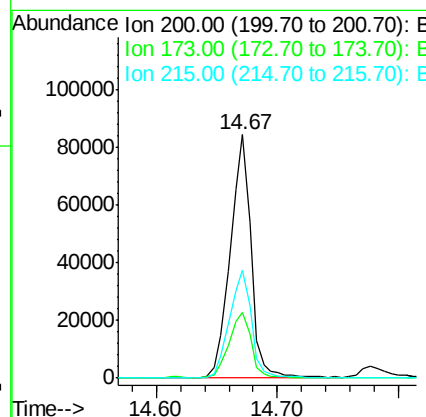
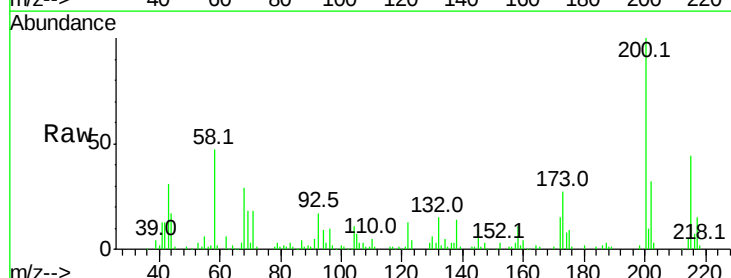
RT: 14.67 min Scan# 2165

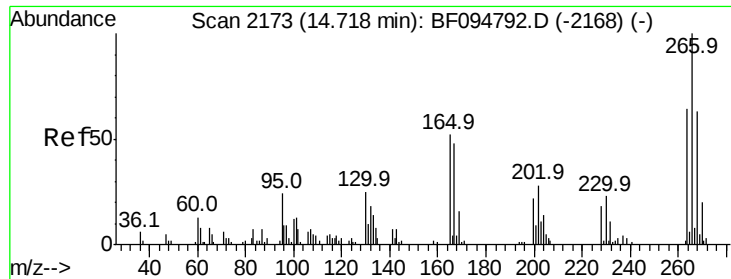
Delta R.T. 0.04 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	101251		
173	27.1	6.3	46.3	
215	44.3	27.2	67.2	





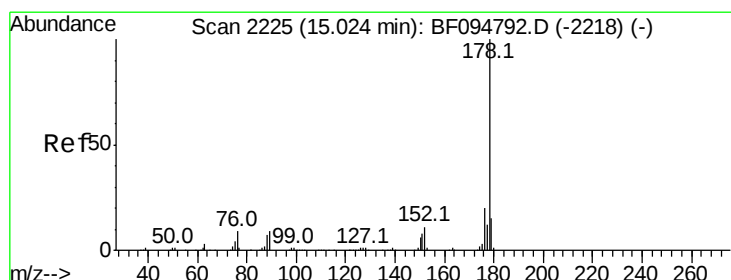
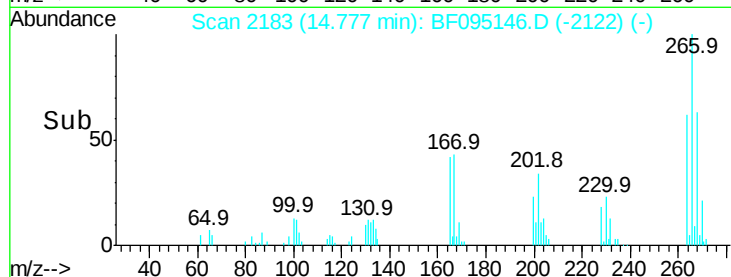
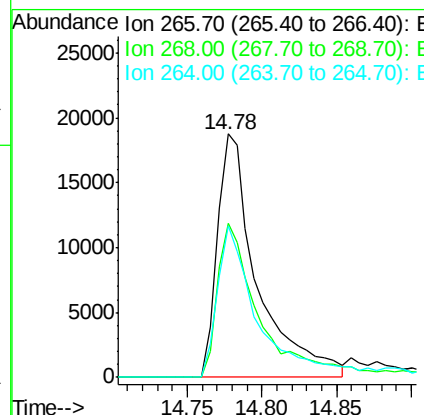
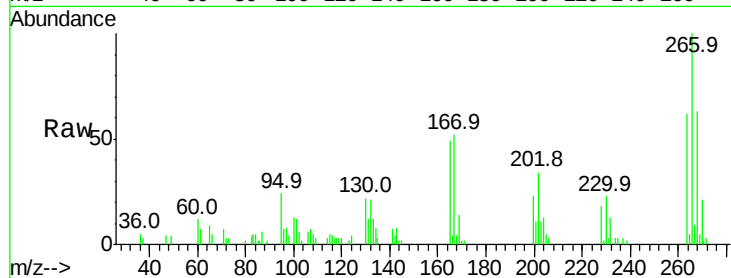
#69
 Pentachlorophenol
 Concen: 33.51 ng
 RT: 14.78 min Scan# 2183
 Delta R.T. 0.06 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	35061		
268	63.0		51.1	76.7
264	62.1		51.7	77.5

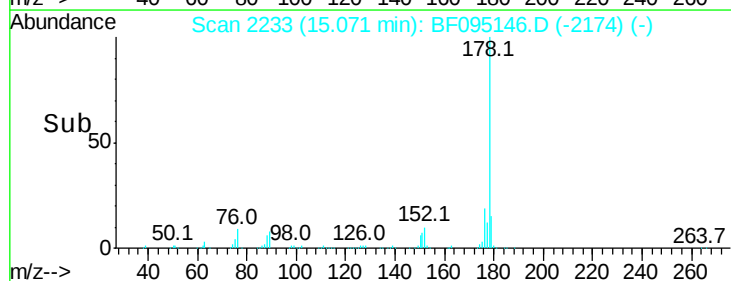
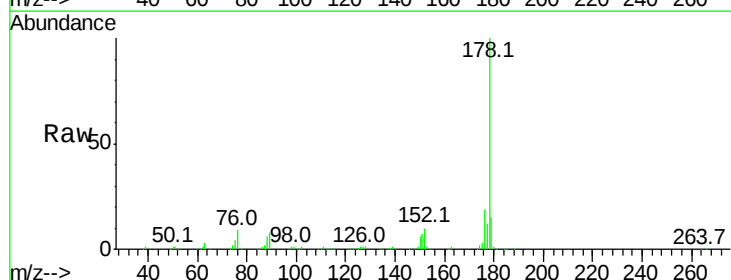
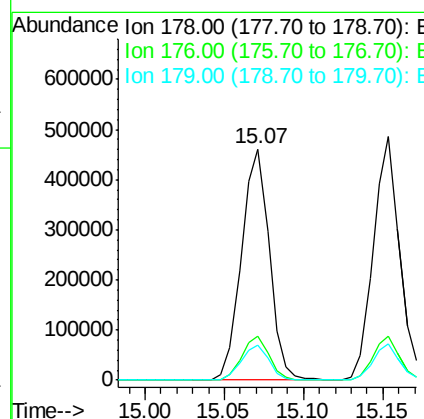
Manual Integrations
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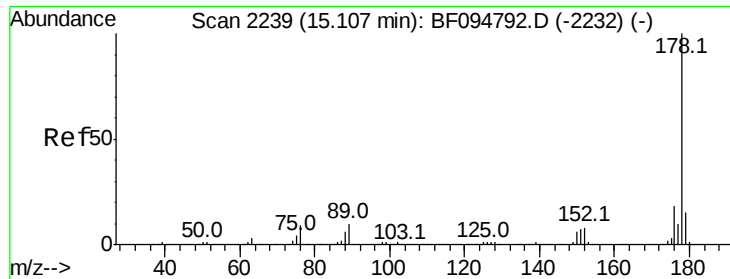
mohammad
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#70
 Phenanthrene
 Concen: 40.77 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	562344		
176	19.0		16.2	24.4
179	15.2		12.6	19.0





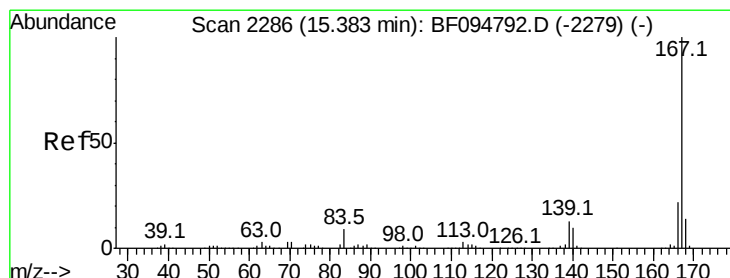
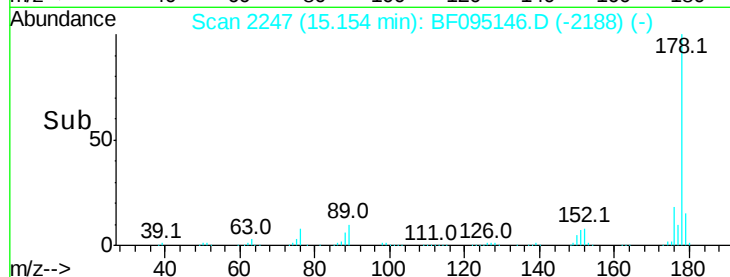
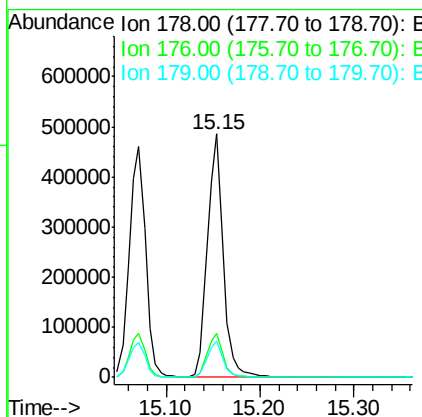
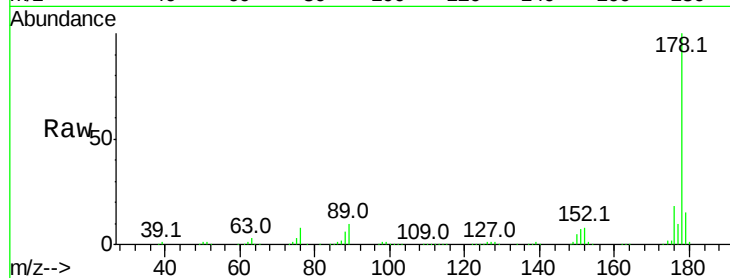
#71
 Anthracene
 Concen: 41.13 ng
 RT: 15.15 min Scan# 2247
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.1	12.7	19.1

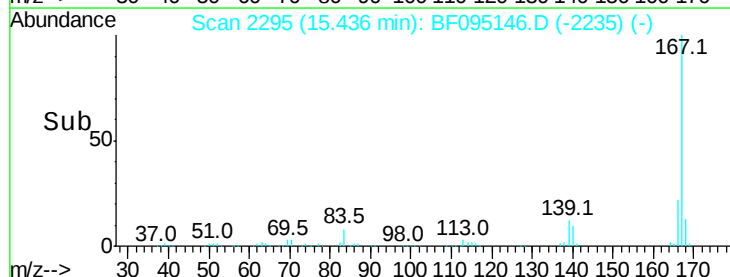
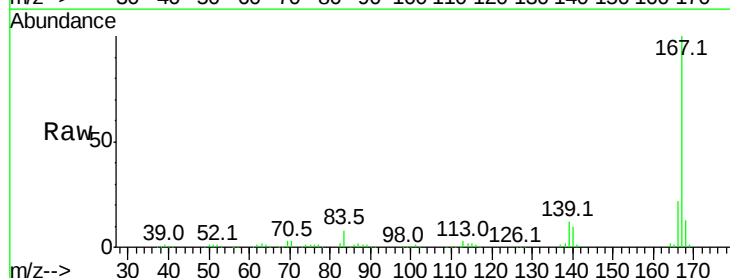
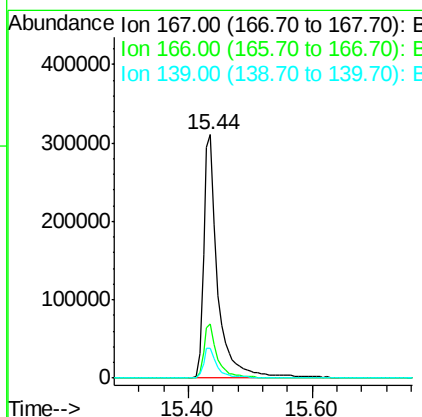
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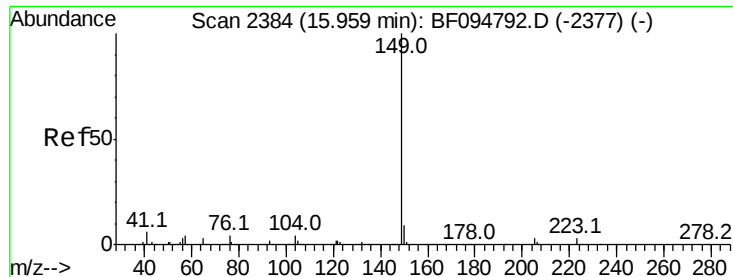
mohammad
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#72
 Carbazole
 Concen: 38.47 ng
 RT: 15.44 min Scan# 2295
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.2	11.7	17.5





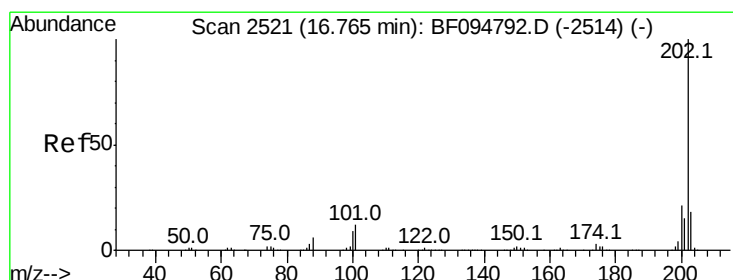
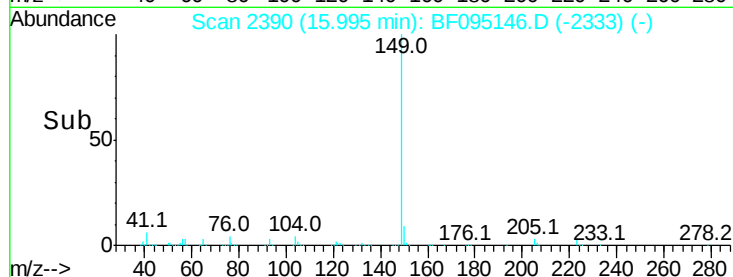
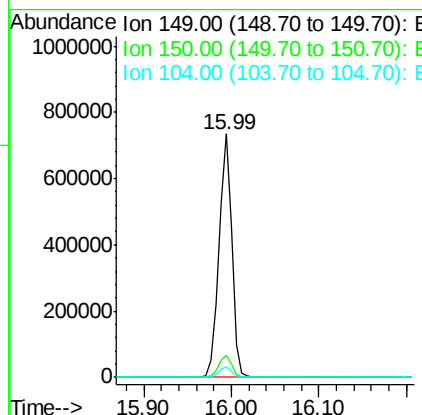
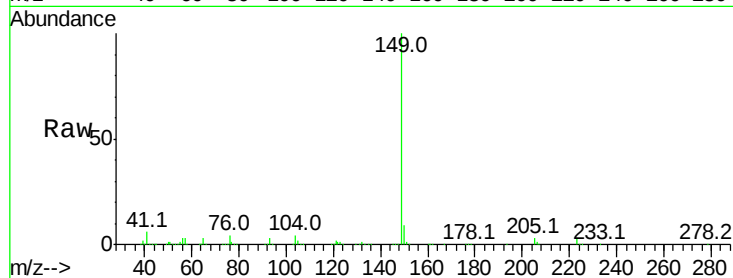
#73
Di-n-butylphthalate
Concen: 47.12 ng
RT: 15.99 min Scan# 2390
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.2	4.0	6.0

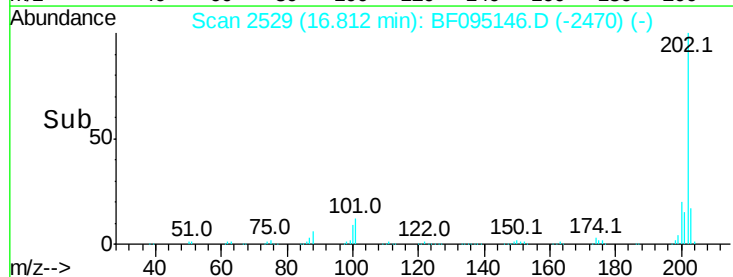
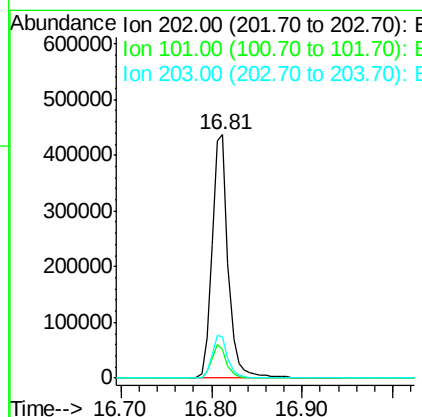
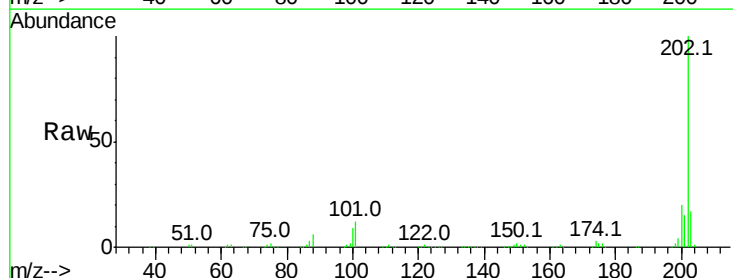
Manual Integrations
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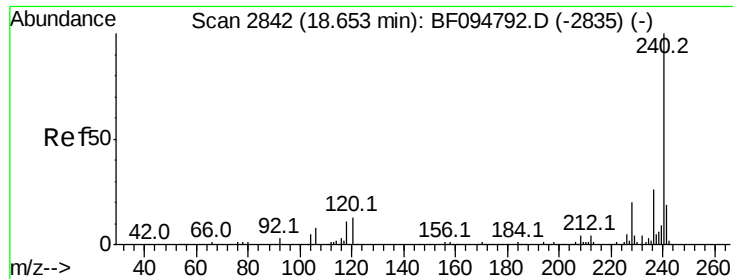
mohammad
5/17/2017 2:20:45 PM



#74
Fluoranthene
Concen: 38.53 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	33.2
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

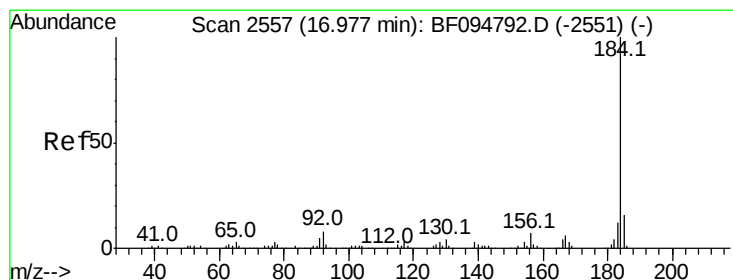
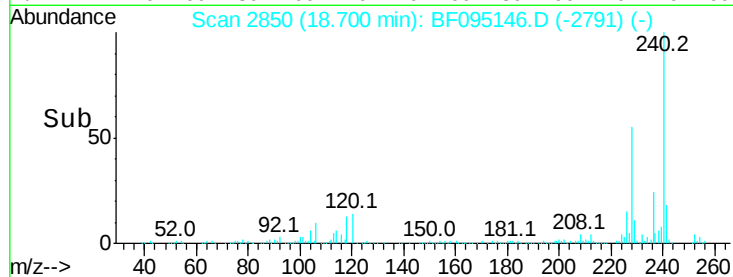
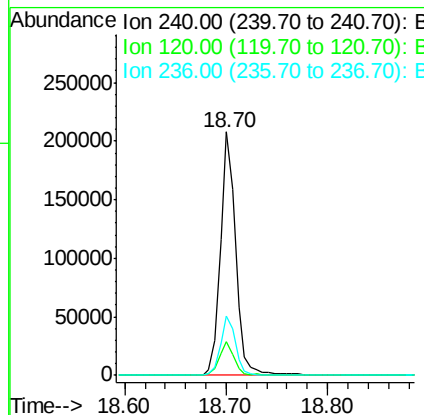
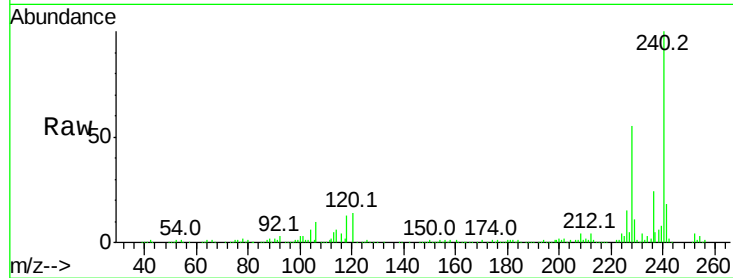
ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 217713
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.3 20.5 30.7

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#76

Benzidine

Concen: 30.78 ng

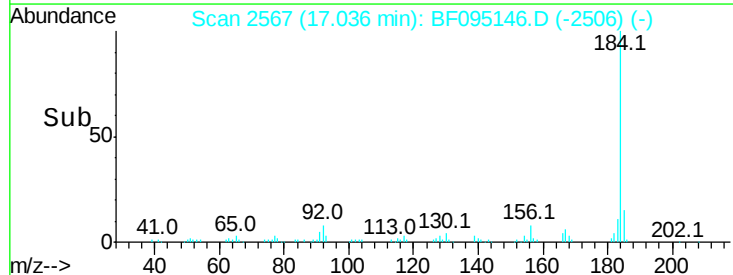
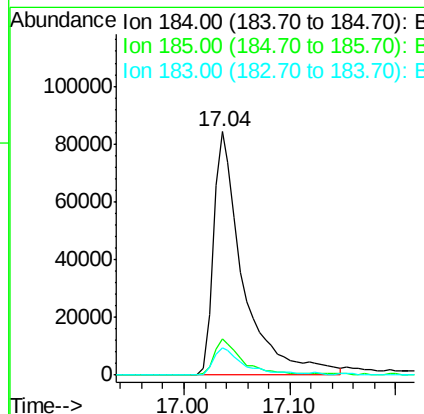
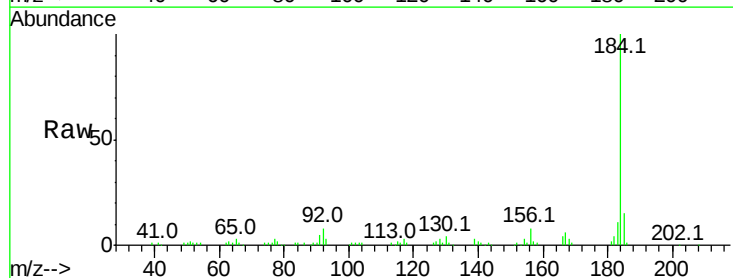
RT: 17.04 min Scan# 2567

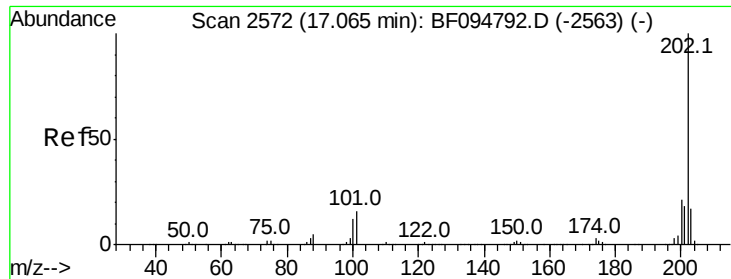
Delta R.T. 0.06 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion:184 Resp: 165109
 Ion Ratio Lower Upper
 184 100
 185 14.9 15.5 23.3#
 183 11.1 9.8 14.6





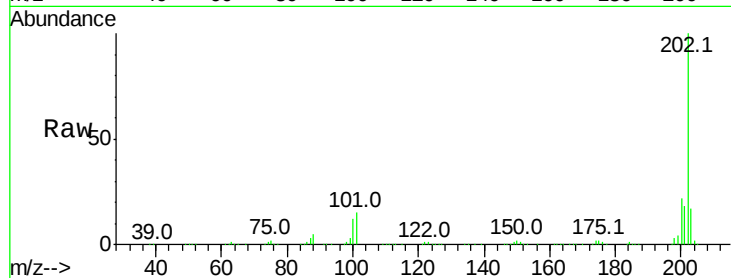
#77
Pvrene
Concen: 35.40 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	17.6	26.4	
203	17.1	14.4	21.6	

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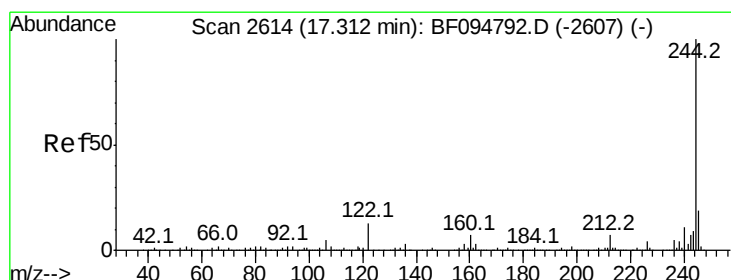
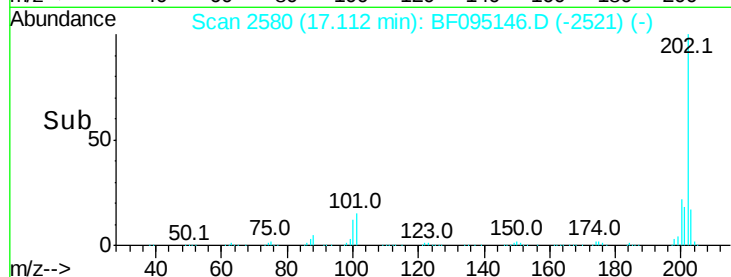
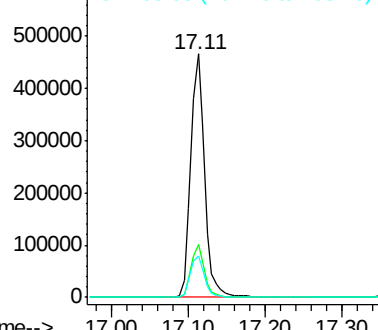


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 69.59 ng
RT: 17.35 min Scan# 2621
Delta R.T. 0.04 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

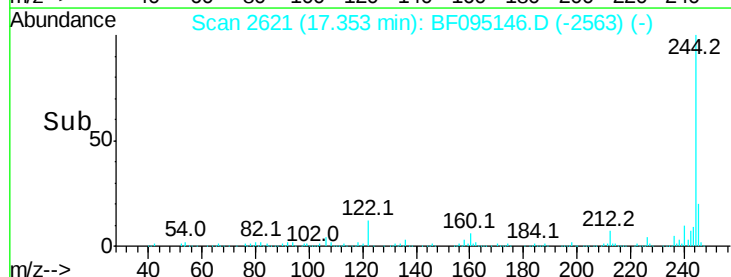
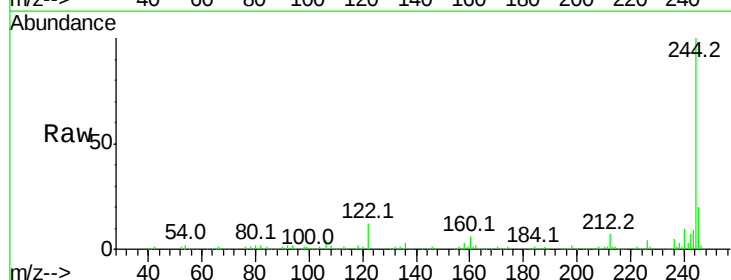
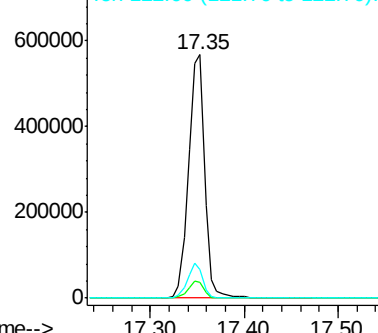
Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	6.0	9.0	
122	11.9	10.3	15.5	

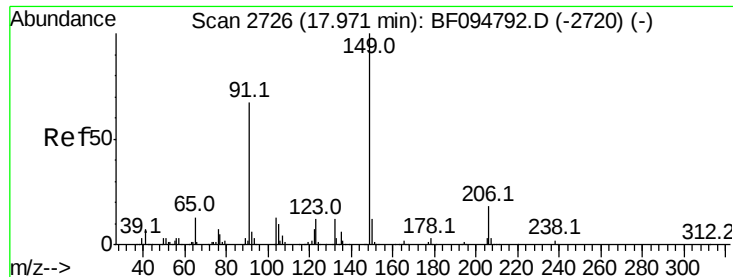
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.12 ng

RT: 18.01 min Scan# 2733

Delta R.T. 0.04 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Instrument :

BNA_F

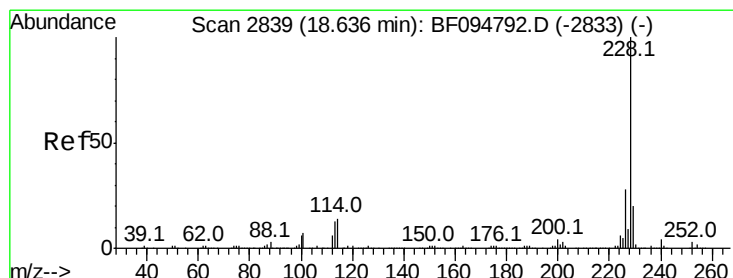
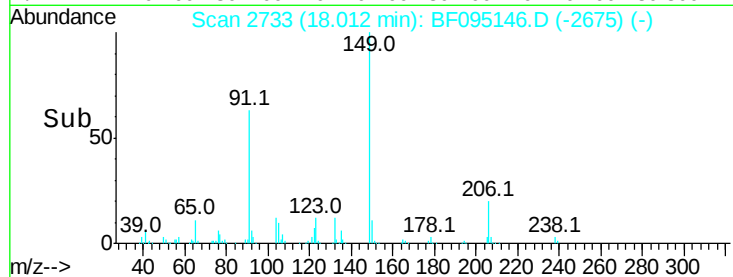
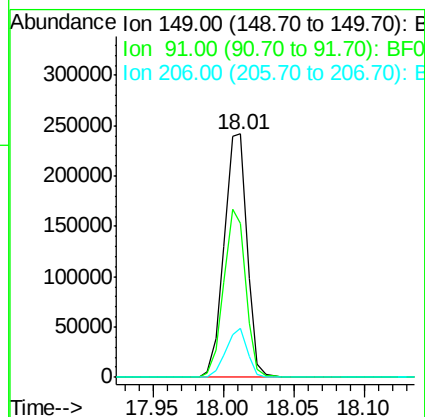
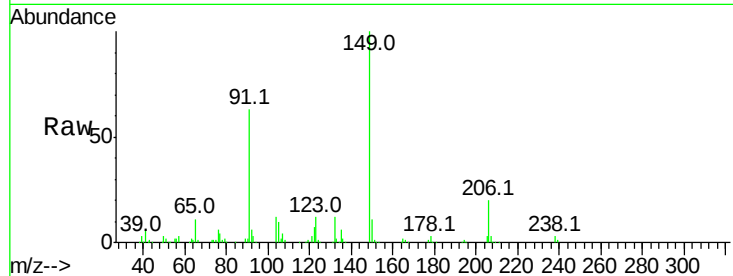
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	273532
Ion Ratio	Lower	Upper	
149	100		
91	63.5	45.0	67.4
206	20.1	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 39.00 ng

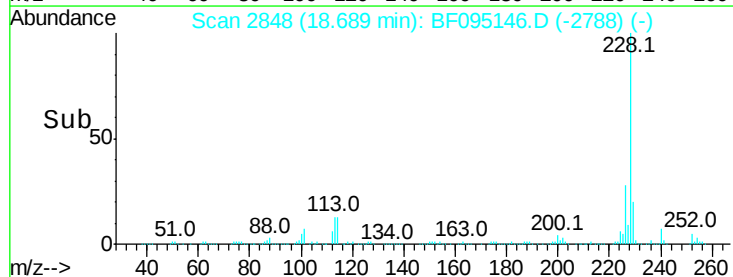
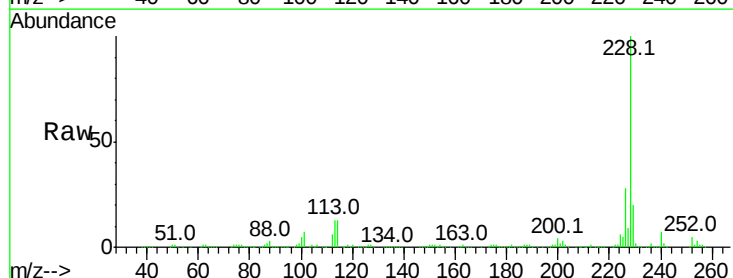
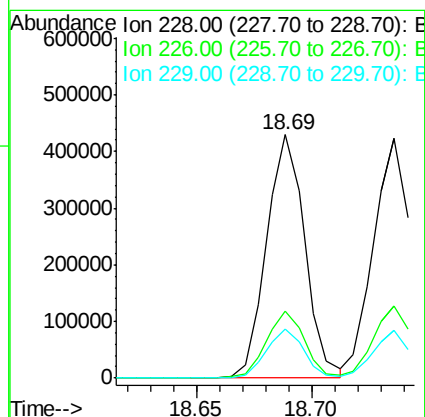
RT: 18.69 min Scan# 2848

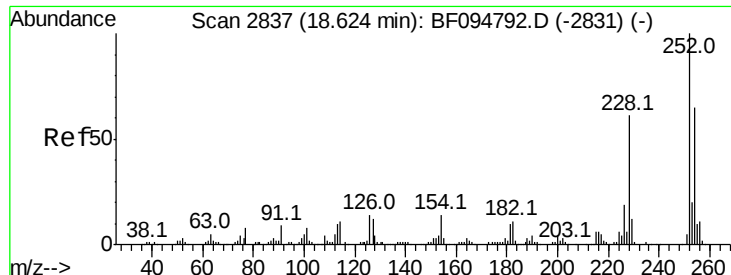
Delta R.T. 0.05 min

Lab File: BF095146.D

Acq: 16 May 2017 3:16

Tgt Ion:	228	Resp:	494097
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	20.4	16.3	24.5





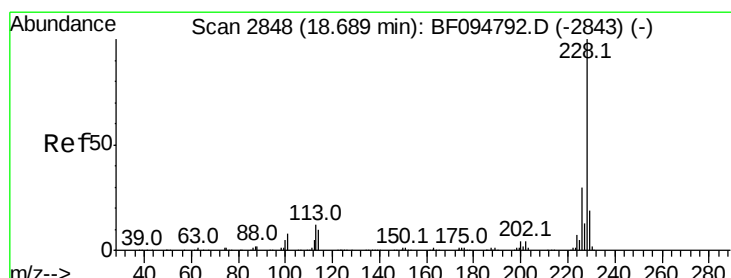
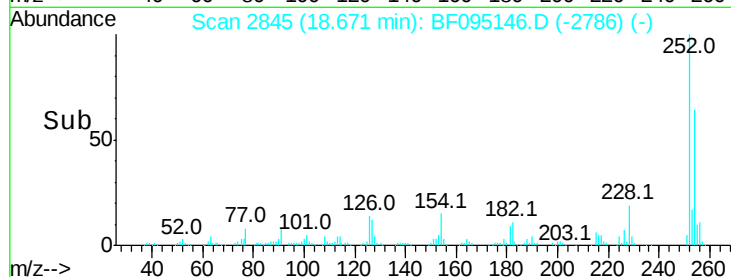
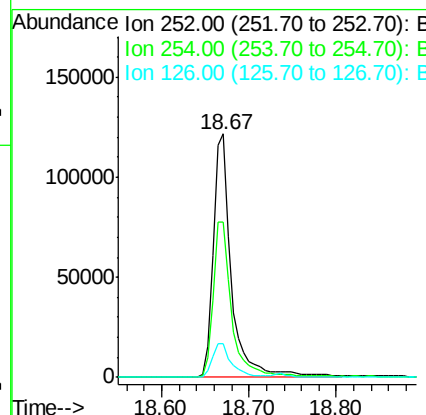
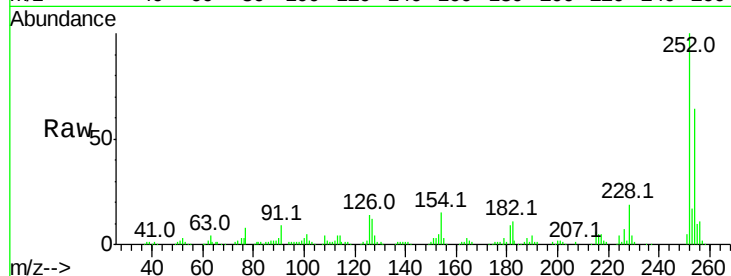
#81
 3,3'-Dichlorobenzidine
 Concen: 40.33 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	176513		
254	64.0	51.5	77.3	
126	13.6	15.8	23.8	

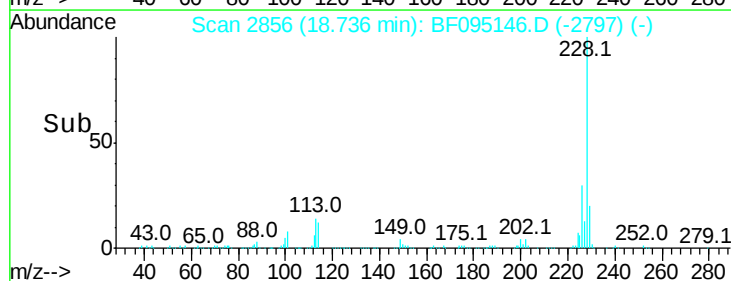
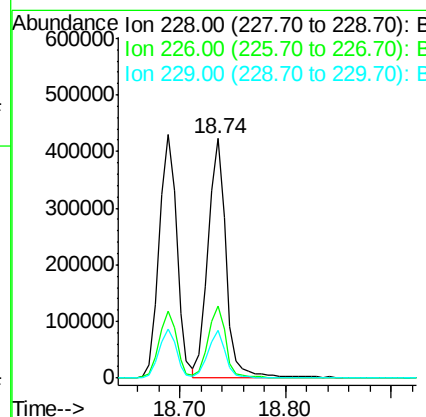
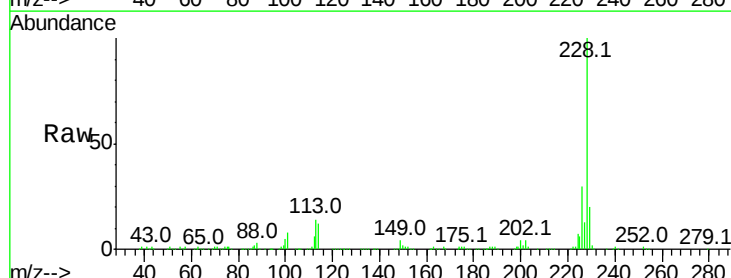
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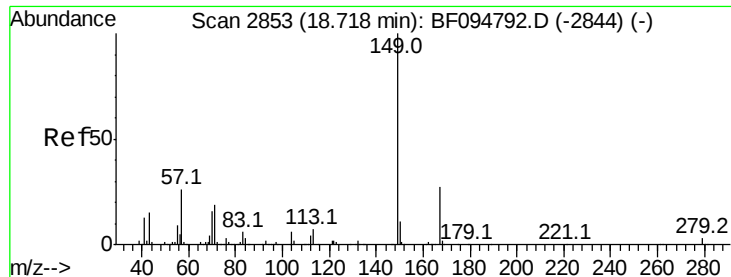
mohammad
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#82
 Chrysene
 Concen: 40.84 ng
 RT: 18.74 min Scan# 2856
 Delta R.T. 0.05 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	500395		
226	30.1	24.9	37.3	
229	19.7	15.8	23.6	





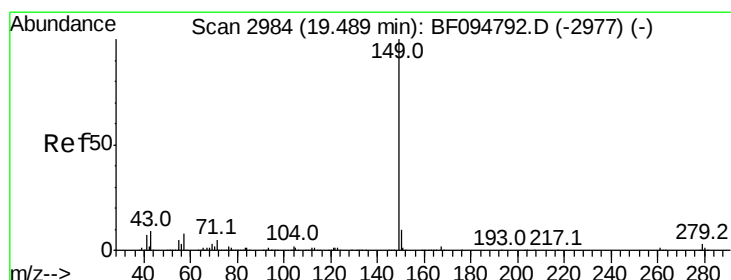
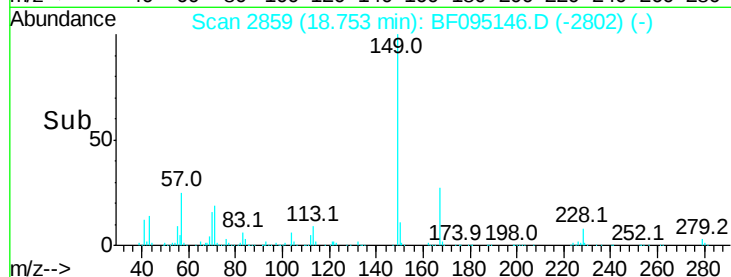
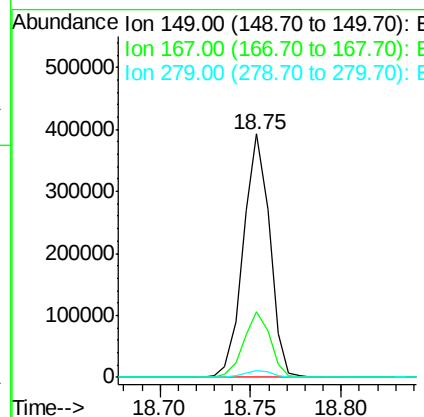
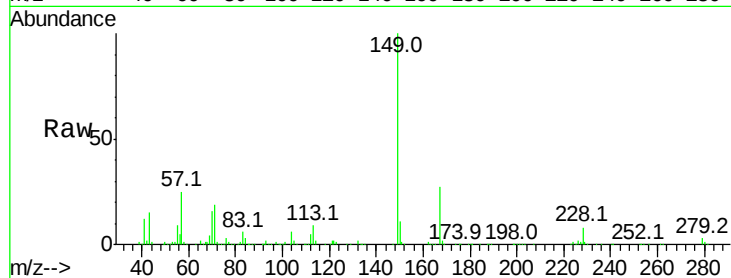
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.85 ng
 RT: 18.75 min Scan# 2859
 Delta R.T. 0.04 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	397624		
167	26.9	21.0	31.4	
279	2.9	1.9	2.9	

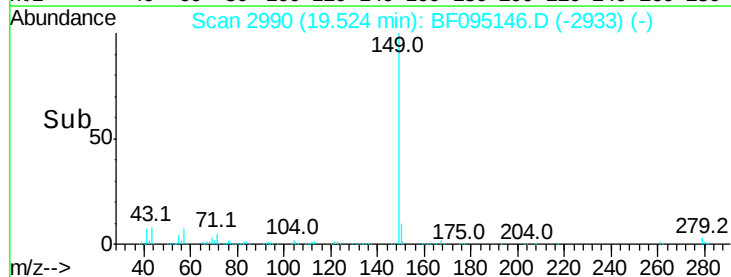
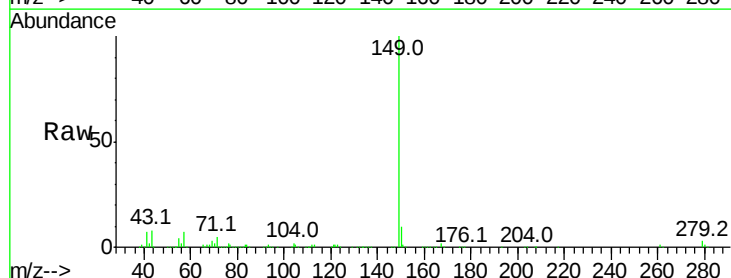
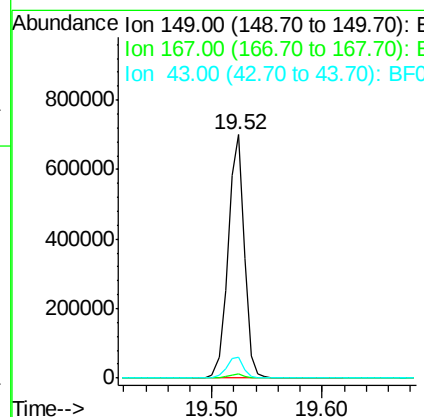
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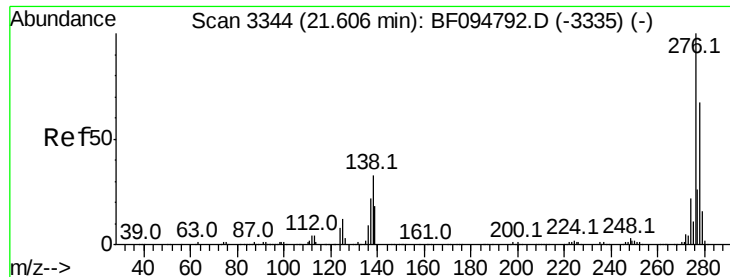
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 40.65 ng
 RT: 19.52 min Scan# 2990
 Delta R.T. 0.04 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	719142		
167	1.5	1.2	1.8	
43	8.6	8.5	12.7	





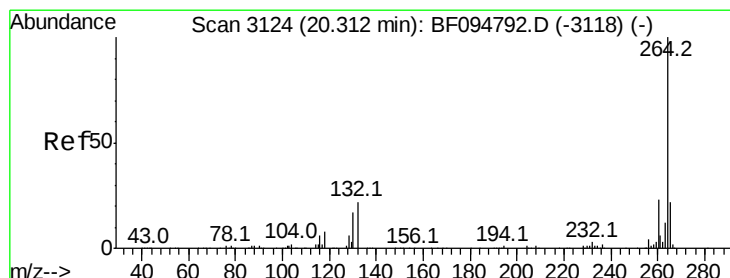
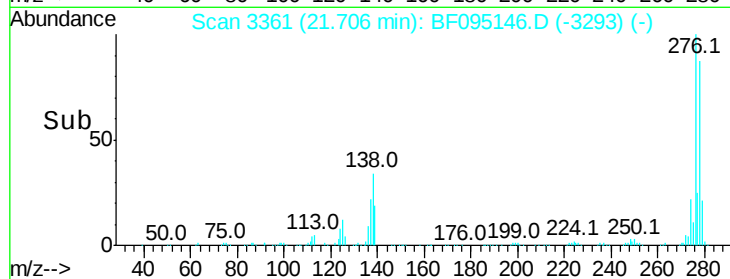
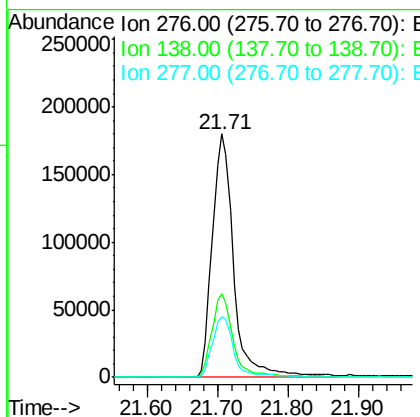
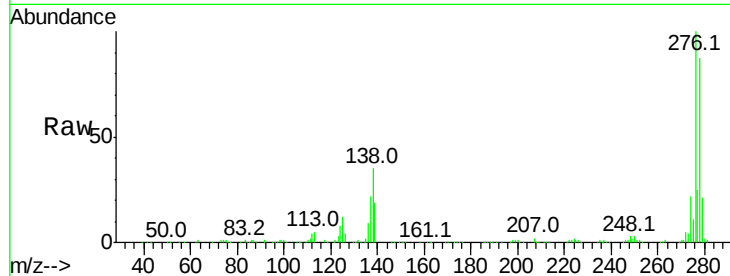
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.28 ng
 RT: 21.71 min Scan# 3361
 Delta R.T. 0.10 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	380854		
138	34.1		27.8	41.6
277	25.1		20.2	30.4

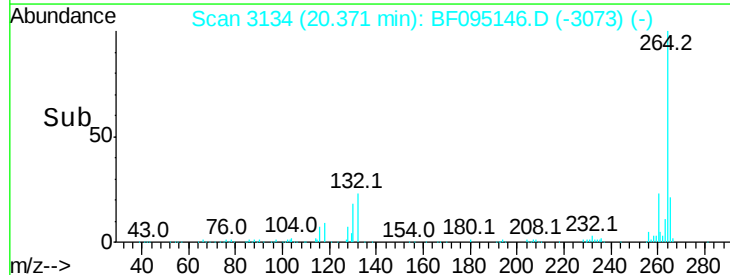
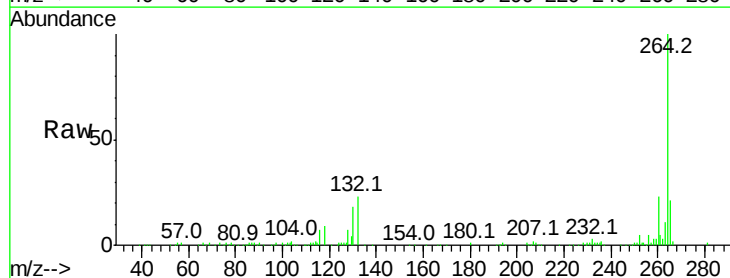
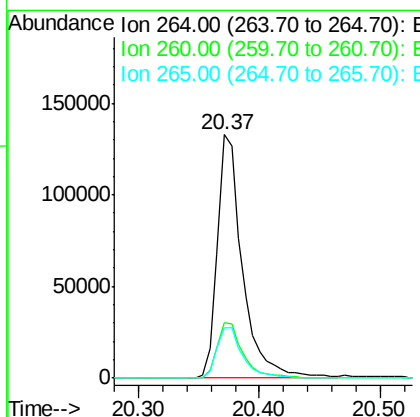
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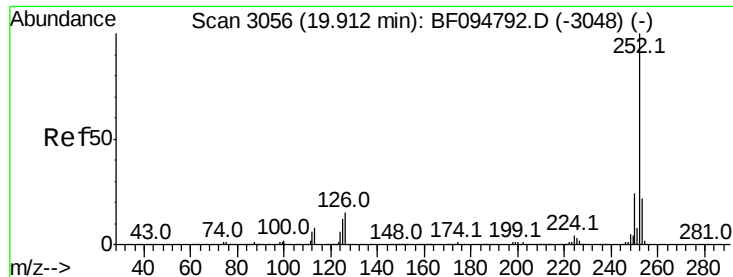
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	190320		
260	22.8		19.5	29.3
265	20.9		17.2	25.8





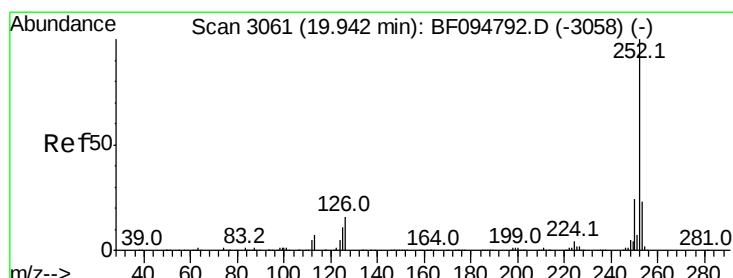
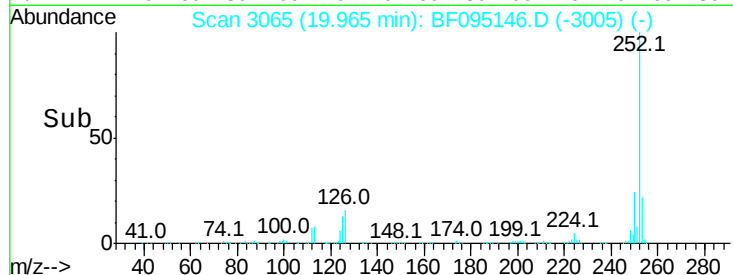
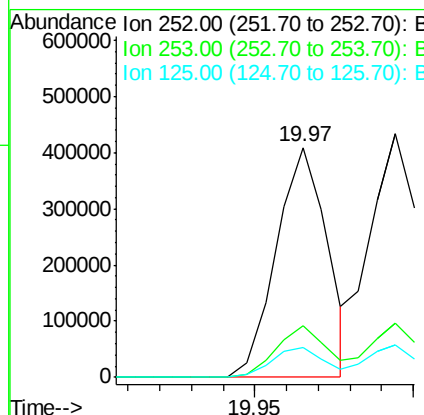
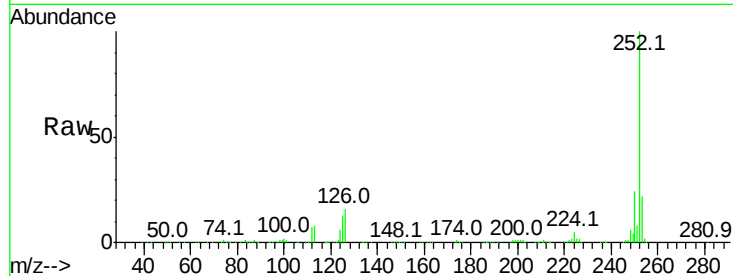
#87
Benzo(b)fluoranthene
Concen: 39.00 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.8	9.8	14.8

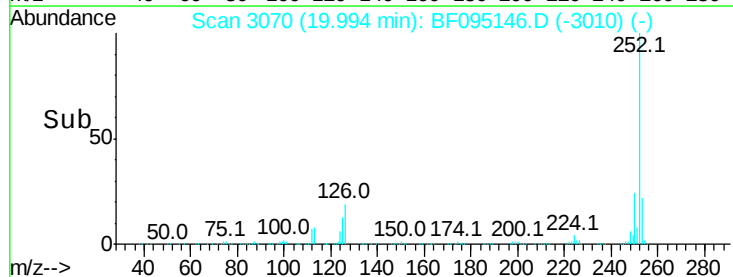
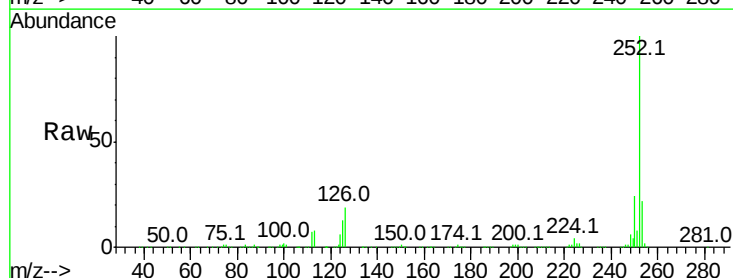
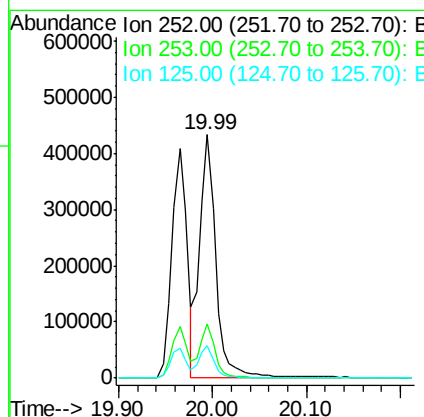
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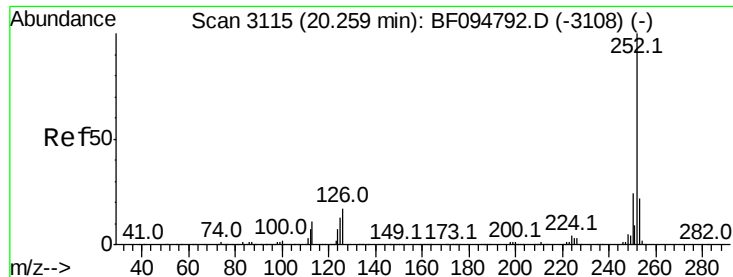
mohammad
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#88
Benzo(k)fluoranthene
Concen: 45.73 ng
RT: 19.99 min Scan# 3070
Delta R.T. 0.05 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.1	13.1	19.7#





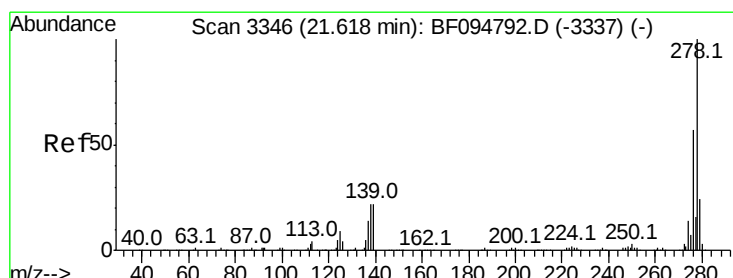
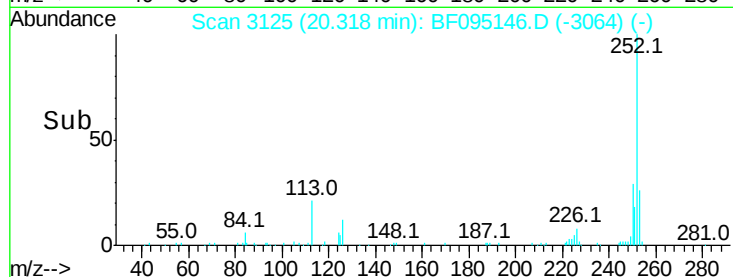
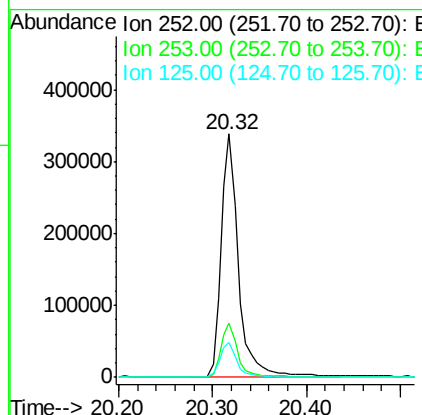
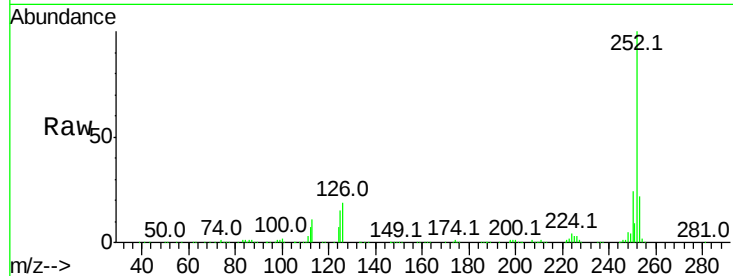
#89
Benzo(a)pyrene
Concen: 39.92 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.06 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.6	11.0	16.4

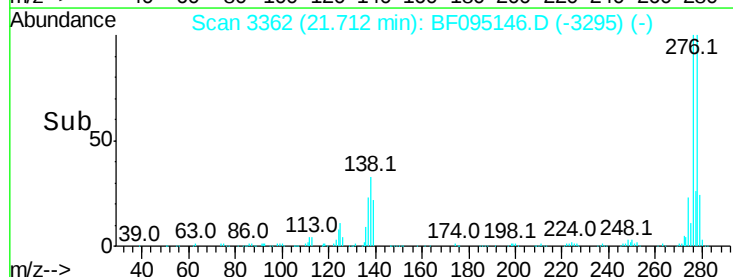
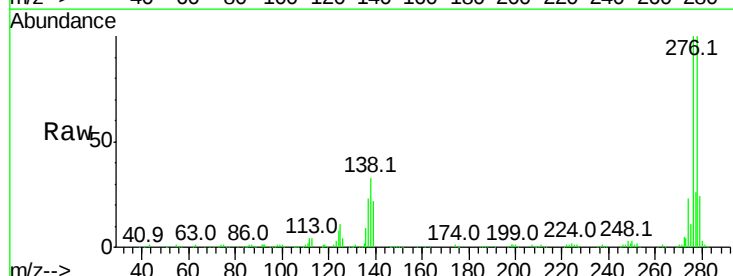
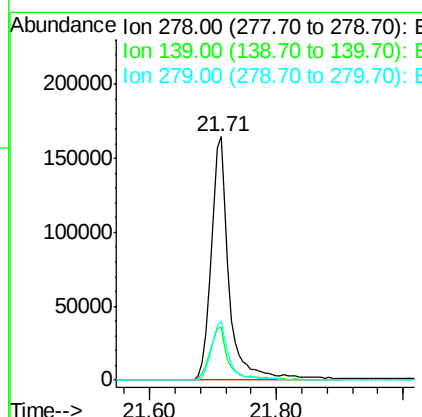
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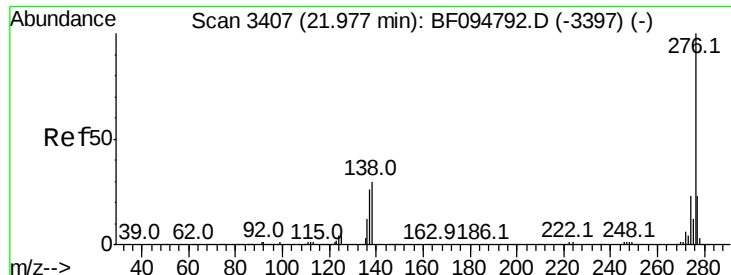
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 37.02 ng
RT: 21.71 min Scan# 3362
Delta R.T. 0.09 min
Lab File: BF095146.D
Acq: 16 May 2017 3:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	24.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.11 ng
 RT: 22.09 min Scan# 3426
 Delta R.T. 0.11 min
 Lab File: BF095146.D
 Acq: 16 May 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	317598
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.6	28.0
138	31.5	25.4	38.0

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 5/17/2017 2:20:45 PM

