

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094897.D
 Acq On : 5 May 2017 4:08
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 5/5/2017 5:23:39 PM

Quant Time: May 05 06:54:44 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	7.72	152	95104	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	395983	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	173676	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	302486	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	206230	20.00	ng	-0.01
86) Perylene-d12	20.30	264	197589	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	482643	84.61	ng	-0.02
7) Phenol-d6	7.26	99	588871	86.04	ng	-0.02
23) Nitrobenzene-d5	8.62	82	477731	76.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	117356	82.51	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	958831	79.46	ng	-0.01
78) Terphenyl-d14	17.30	244	738732	78.90	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.05	88	137912	49.30	ng	94
3) Pyridine	2.71	79	270580	41.73	ng	98
4) n-Nitrosodimethylamine	2.65	42	111389	41.21	ng	87
6) Aniline	7.22	93	389688	45.10	ng	96
8) 2-Chlorophenol	7.41	128	282059	43.44	ng	94
9) Benzaldehyde	7.02	77	179199	42.88	ng	96
10) Phenol	7.28	94	316180	43.84	ng	87
11) bis(2-Chloroethyl)ether	7.35	93	226731	38.08	ng	96
12) 1,3-Dichlorobenzene	7.62	146	301493	40.94	ng	97
13) 1,4-Dichlorobenzene	7.75	146	310078	41.51	ng	97
14) 1,2-Dichlorobenzene	7.98	146	279662	40.11	ng	96
15) Benzyl Alcohol	8.00	79	212982	48.38	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	320662	38.05	ng	61
17) 2-Methylphenol	8.21	107	222914	41.95	ng	# 86
18) Hexachloroethane	8.50	117	94354	37.29	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	190086	41.06	ng	93
20) 3+4-Methylphenols	8.47	107	299110	41.43	ng	# 59
22) Acetophenone	8.39	105	393622	41.43	ng	# 85
24) Nitrobenzene	8.65	77	250217	38.01	ng	95
25) Isophorone	9.05	82	479911	42.80	ng	95
26) 2-Nitrophenol	9.15	139	149252	42.02	ng	95
27) 2,4-Dimethylphenol	9.30	122	238506	41.53	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	303905	39.18	ng	99
29) 2,4-Dichlorophenol	9.57	162	228357	42.12	ng	97
30) 1,2,4-Trichlorobenzene	9.67	180	231667	39.88	ng	99
31) Naphthalene	9.78	128	781099	39.25	ng	100
32) Benzoic acid	9.60	122	136679	37.50	ng	95
33) 4-Chloroaniline	9.91	127	330382	44.55	ng	# 93
34) Hexachlorobutadiene	10.00	225	115937	37.83	ng	98
35) Caprolactam	10.53	113	68866m	42.30	ng	
36) 4-Chloro-3-methylphenol	10.77	107	243037	41.92	ng	89
37) 2-Methylnaphthalene	10.90	142	563867	43.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	221448	41.46	ng	99
40) Hexachlorocyclopentadiene	11.16	237	19795	14.20	ng	97

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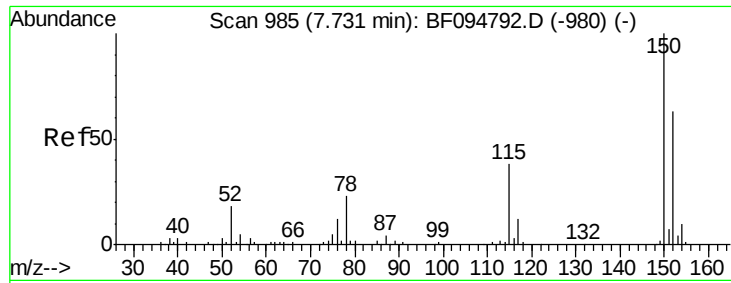
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	140416	39.38	ng	98
43) 2,4,5-Trichlorophenol	11.48	196	142449	37.17	ng #	90
45) 1,1'-Biphenyl	11.67	154	598613	40.94	ng	98
46) 2-Chloronaphthalene	11.68	162	468672	39.69	ng	95
47) 2-Nitroaniline	11.89	65	132847	41.11	ng #	85
48) Acenaphthylene	12.34	152	748727	40.49	ng	99
49) Dimethylphthalate	12.21	163	555432	38.96	ng	99
50) 2,6-Dinitrotoluene	12.31	165	122250	42.03	ng	98
51) Acenaphthene	12.62	154	451669	40.89	ng	99
52) 3-Nitroaniline	12.57	138	133973	42.91	ng	91
53) 2,4-Dinitrophenol	12.78	184	20655	18.13	ng #	68
54) Dibenzofuran	12.91	168	682998	44.68	ng	98
55) 4-Nitrophenol	12.96	139	79009	42.14	ng #	71
56) 2,4-Dinitrotoluene	12.97	165	159800	42.75	ng #	89
57) Fluorene	13.47	166	538185	40.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	108989	45.18	ng	97
59) Diethylphthalate	13.37	149	530046	38.79	ng	99
60) 4-Chlorophenyl-phenylether	13.49	204	240324	41.14	ng	90
61) 4-Nitroaniline	13.57	138	129744	45.27	ng	96
62) Azobenzene	13.75	77	476956	43.43	ng	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	41250	20.34	ng #	72
65) n-Nitrosodiphenylamine	13.70	169	457475	41.67	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	131117	41.03	ng	98
67) Hexachlorobenzene	14.36	284	127376	38.89	ng #	84
68) Atrazine	14.62	200	126383	40.77	ng	97
69) Pentachlorophenol	14.71	266	63522	45.62	ng	99
70) Phenanthrene	15.01	178	708008	40.74	ng	97
71) Anthracene	15.09	178	734317	41.36	ng	98
72) Carbazole	15.37	167	661623	40.96	ng	97
73) Di-n-butylphthalate	15.94	149	806188	40.02	ng	99
74) Fluoranthene	16.75	202	652253	36.59	ng	99
76) Benzidine	16.97	184	246940	44.79	ng #	94
77) Pyrene	17.05	202	644657	41.80	ng	99
79) Butylbenzylphthalate	17.96	149	296335	41.31	ng	92
80) Benzo(a)anthracene	18.62	228	485181	40.42	ng	98
81) 3,3'-Dichlorobenzidine	18.61	252	168971	40.76	ng #	98
82) Chrysene	18.67	228	463219	39.91	ng	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	417646	40.86	ng #	99
84) Di-n-octyl phthalate	19.47	149	682166	40.71	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	437134	46.38	ng	99
87) Benzo(b)fluoranthene	19.89	252	508550	41.65	ng	98
88) Benzo(k)fluoranthene	19.92	252	462698	39.29	ng	96
89) Benzo(a)pyrene	20.25	252	453716	40.27	ng	100
90) Dibenzo(a,h)anthracene	21.60	278	366444	39.38	ng	99
91) Benzo(g,h,i)perylene	21.96	276	351749	38.52	ng	95

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



#1

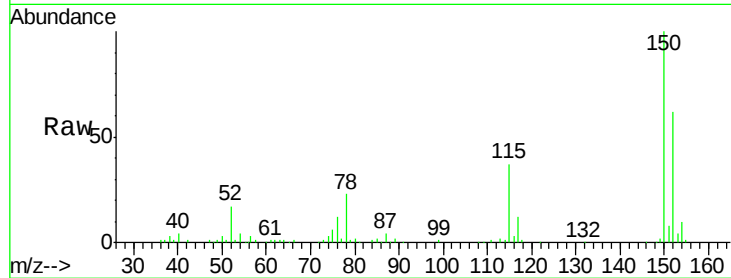
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
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SSTDCCC040

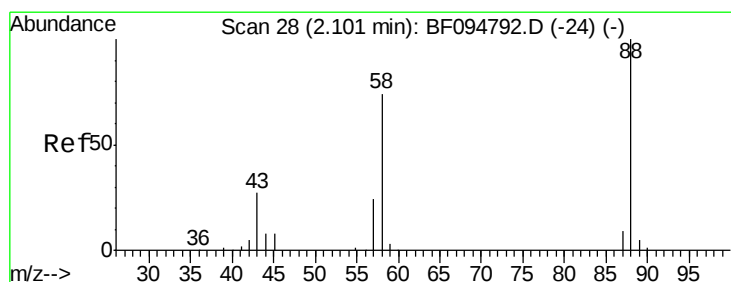
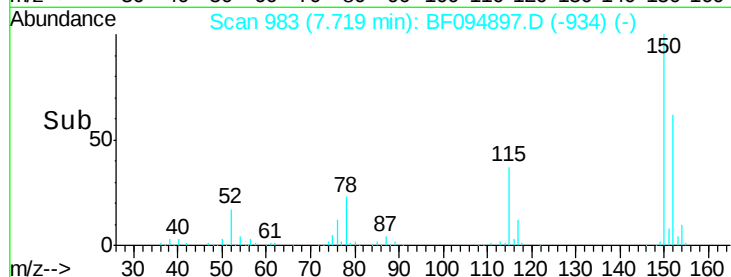
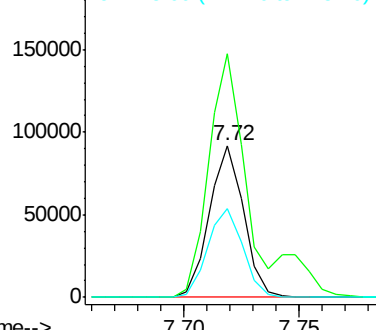
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.2	189.2
115	58.9	52.2	78.2

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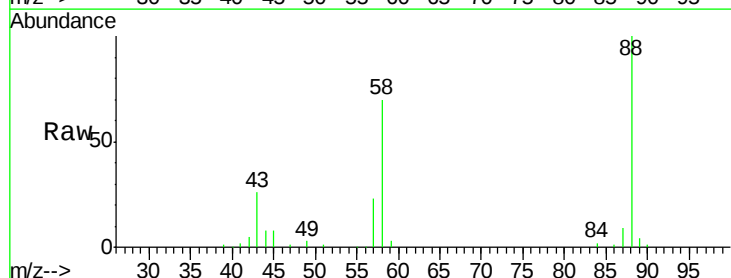
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



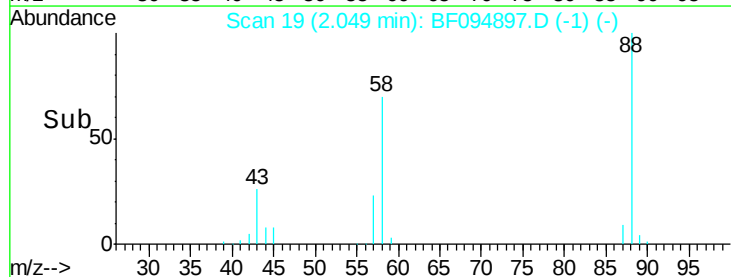
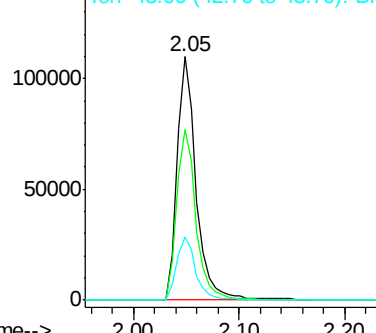
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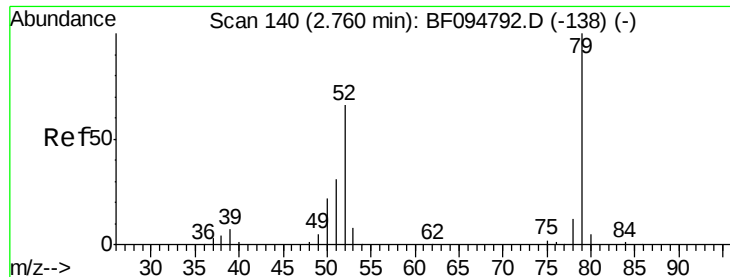
1,4-Dioxane
Concen: 49.30 ng
RT: 2.05 min Scan# 19
Delta R.T. -0.05 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	61.4	92.0
43	26.2	23.4	35.0



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





#3

Pyridine

Concen: 41.73 ng

RT: 2.71 min Scan# 131

Delta R.T. -0.05 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Instrument :

BNA_F

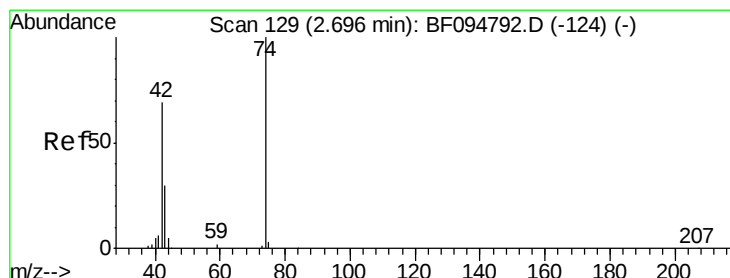
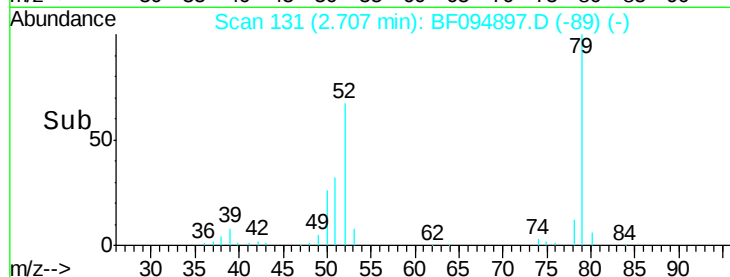
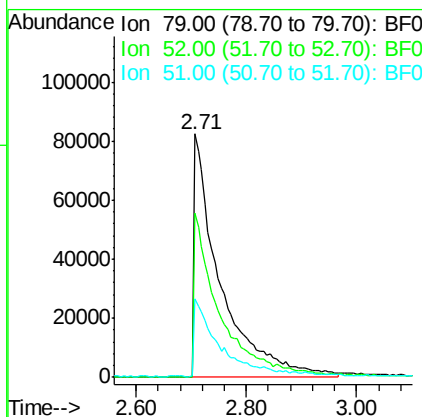
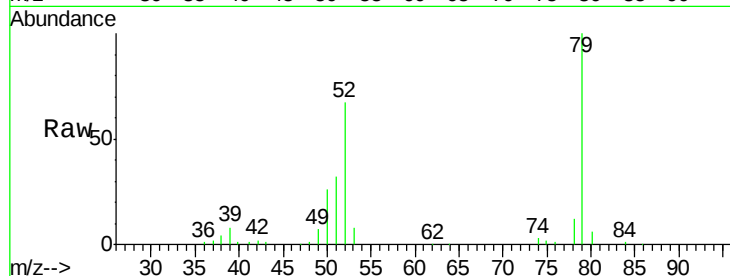
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	270580
Ion	Ratio	Lower	Upper
79	100		
52	67.3	54.8	82.2
51	32.2	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 41.21 ng

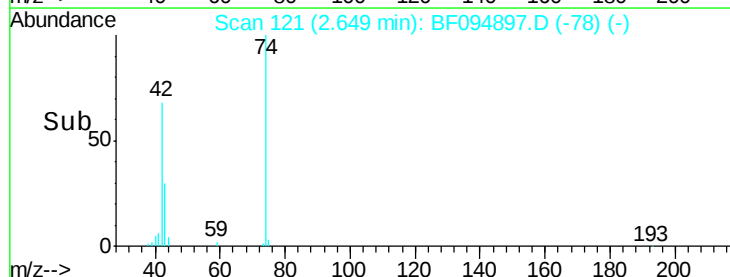
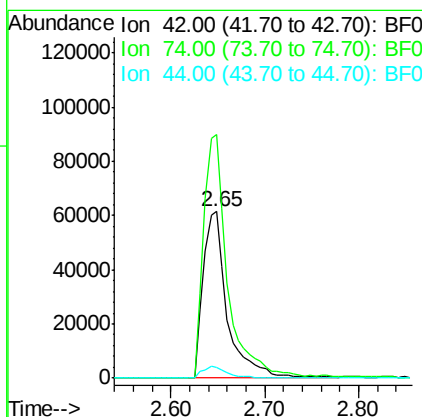
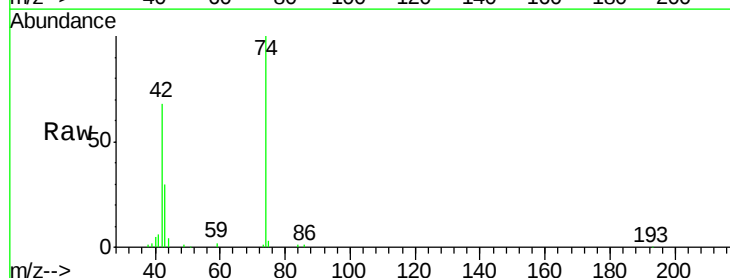
RT: 2.65 min Scan# 121

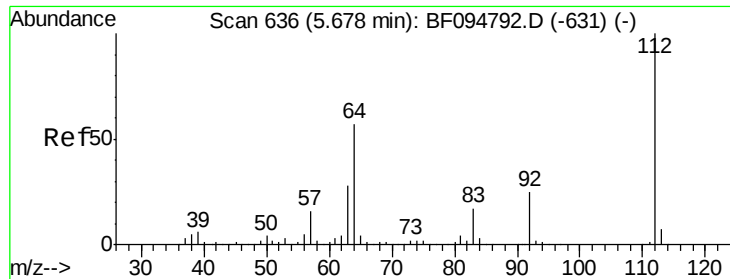
Delta R.T. -0.05 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Tgt Ion:	42	Resp:	111389
Ion	Ratio	Lower	Upper
42	100		
74	146.2	103.9	155.9
44	6.3	5.7	8.5





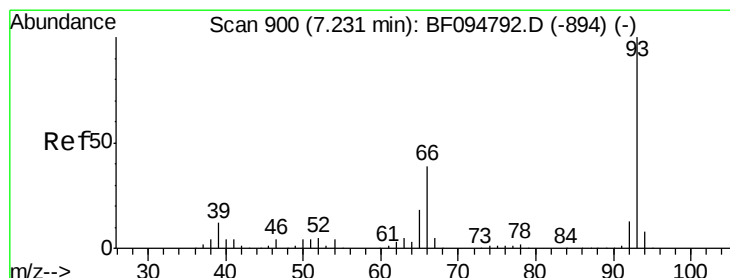
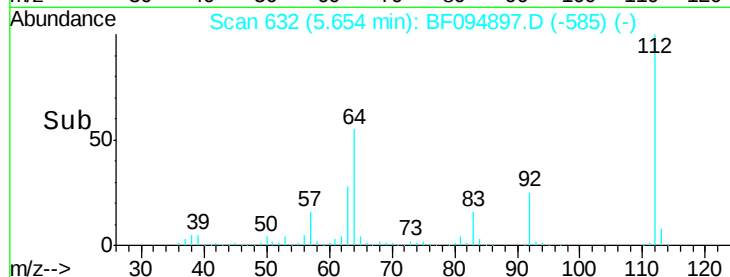
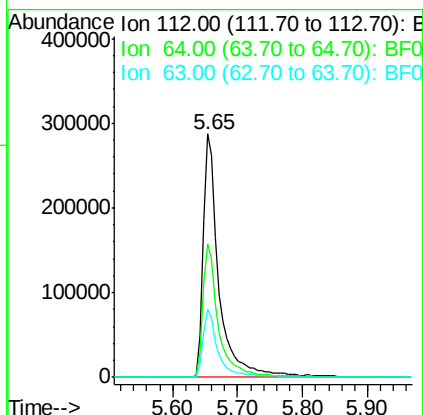
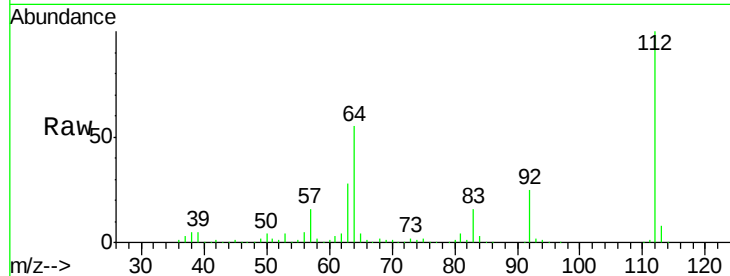
#5
 2-Fluorophenol
 Concen: 84.61 ng
 RT: 5.65 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	54.6	46.0	69.0
63	28.1	23.4	35.0

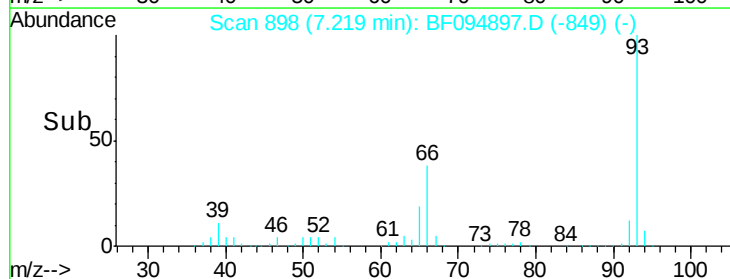
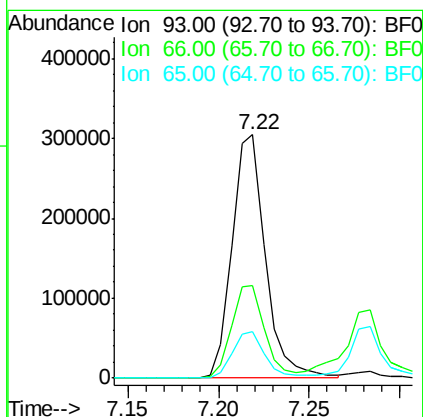
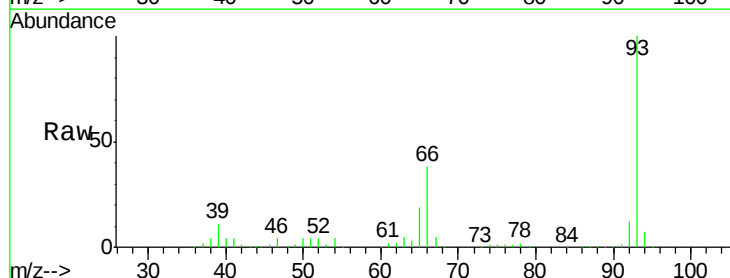
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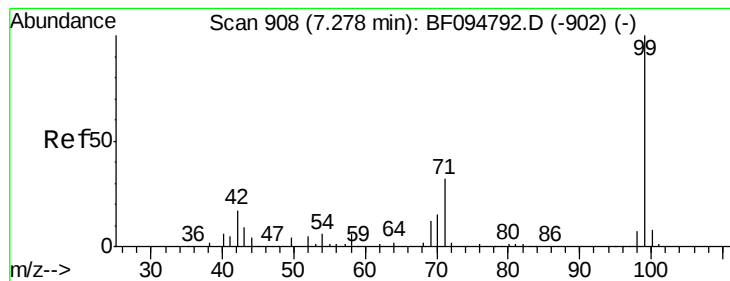
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#6
 Aniline
 Concen: 45.10 ng
 RT: 7.22 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	37.8	32.9	49.3
65	19.0	16.0	24.0





#7

Phenol-d6

Concen: 86.04 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Instrument :

BNA_F

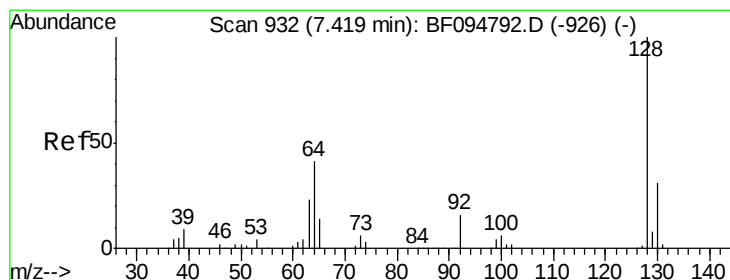
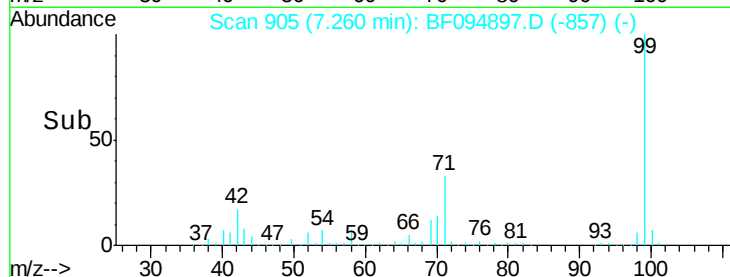
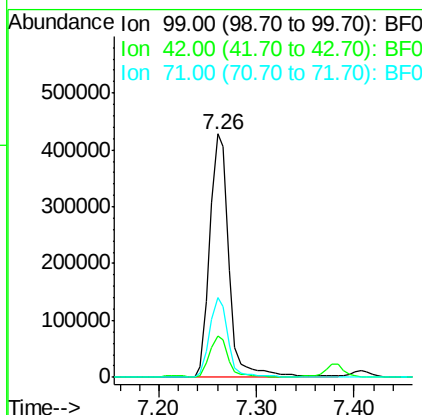
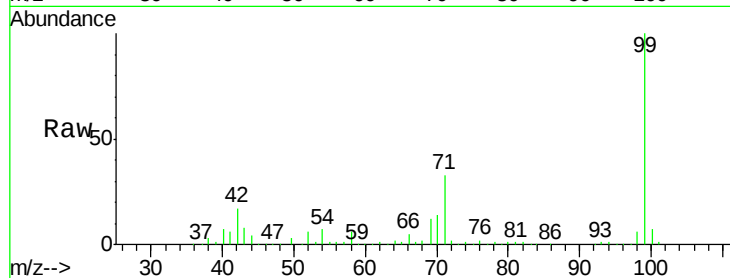
ClientSampleId :

SSTDCCC040

Tgt Ion:	99	Resp:	588871
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	32.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.44 ng

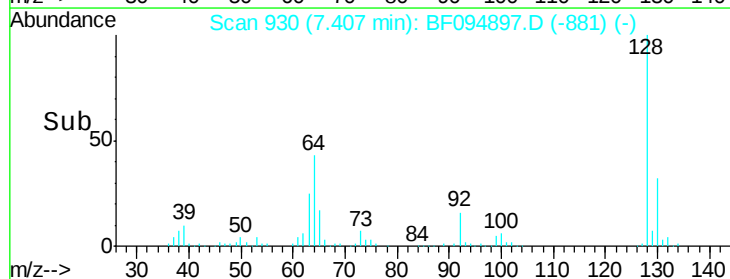
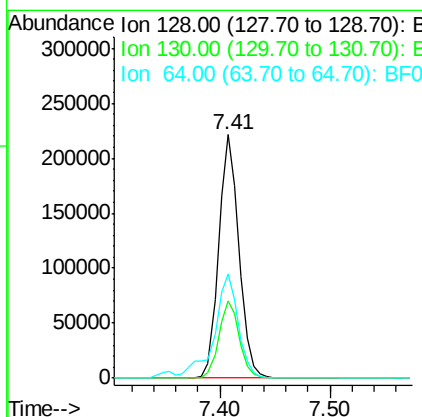
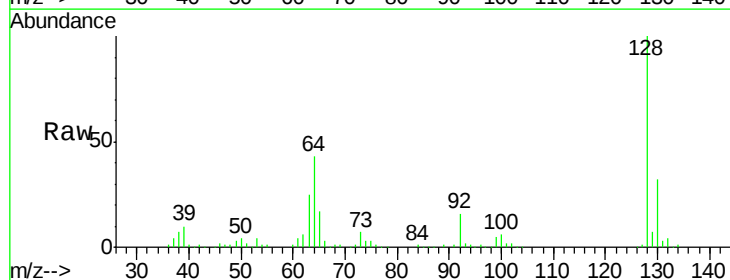
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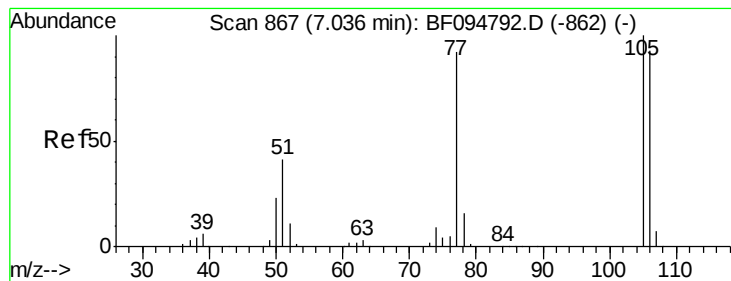
Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Tgt Ion:	128	Resp:	282059
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.9	52.9
64	42.7	28.4	68.4





#9

Benzaldehyde

Concen: 42.88 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Instrument :

BNA_F

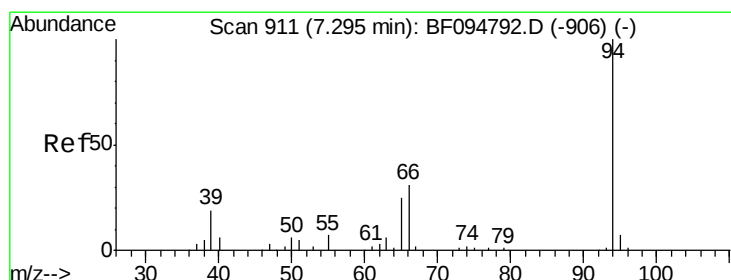
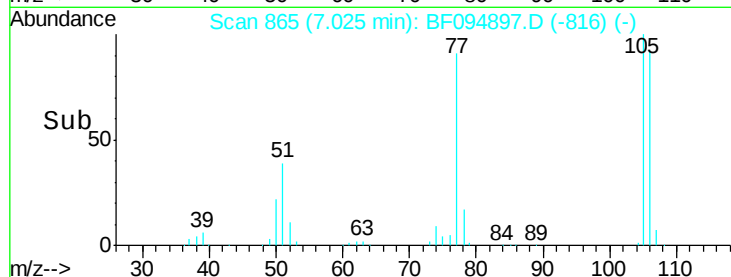
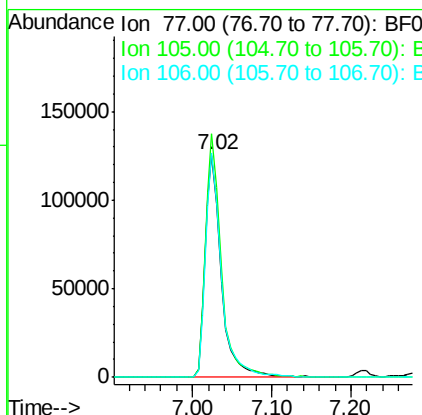
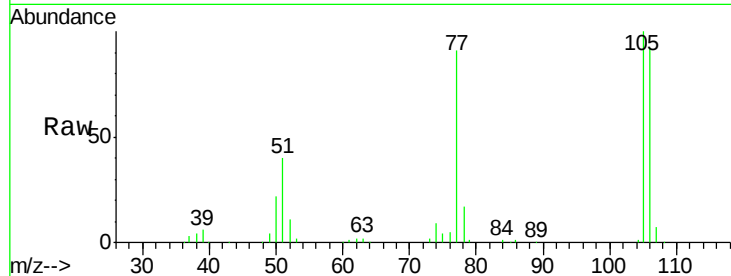
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	179199
Ion	Ratio	Lower	Upper
77	100		
105	109.7	83.8	123.8
106	101.2	79.1	119.1

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#10

Phenol

Concen: 43.84 ng

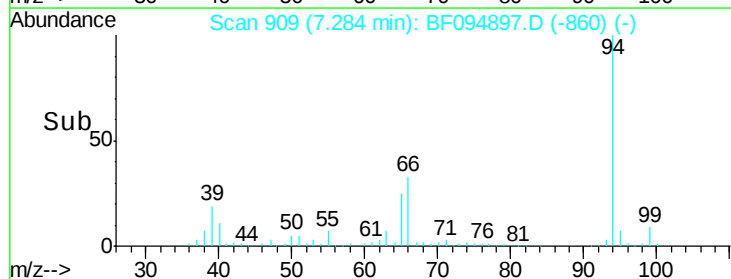
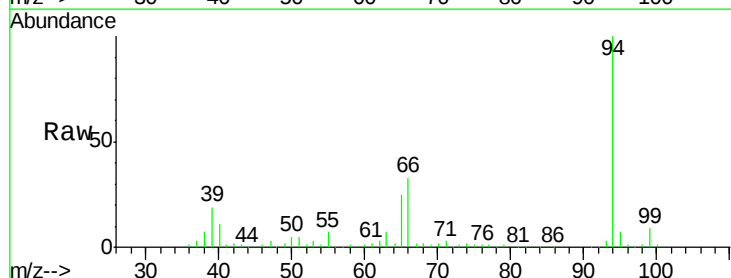
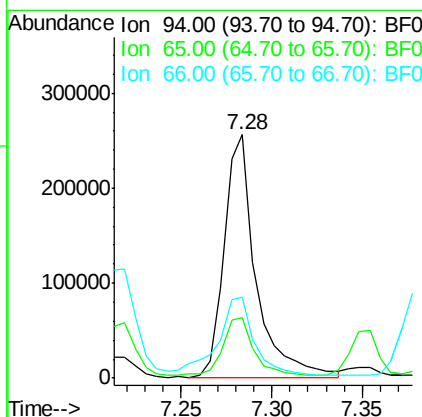
RT: 7.28 min Scan# 909

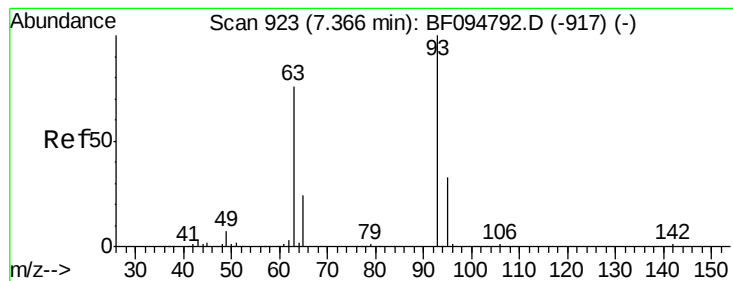
Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Tgt Ion:	94	Resp:	316180
Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	33.1	23.1	63.1





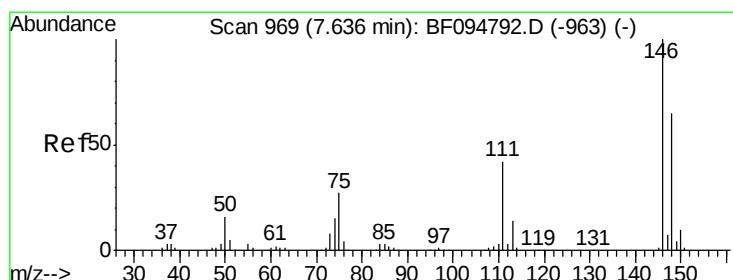
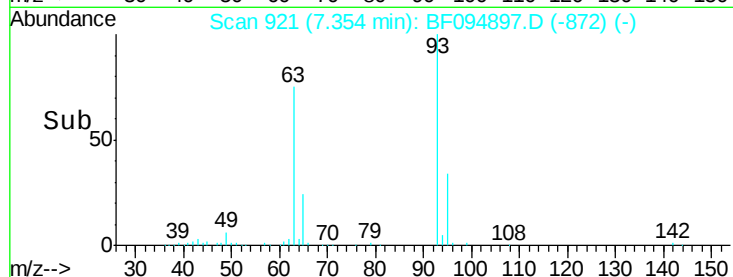
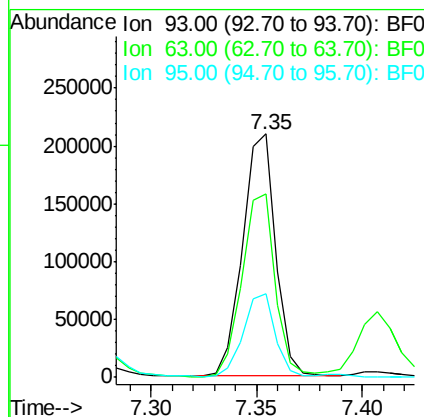
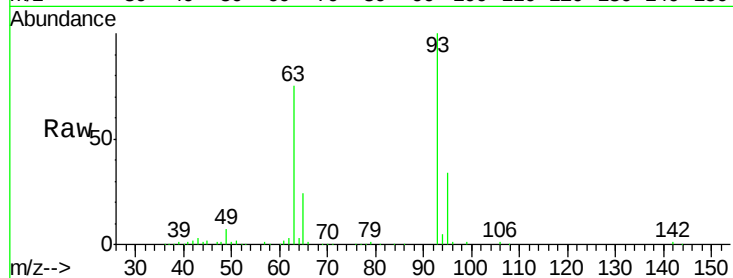
#11
bis(2-Chloroethyl)ether
Concen: 38.08 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.2	99.2
95	34.1	12.8	52.8

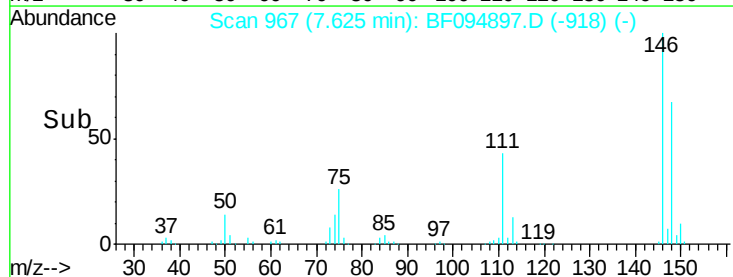
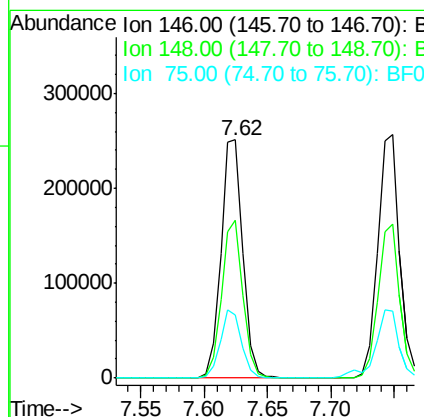
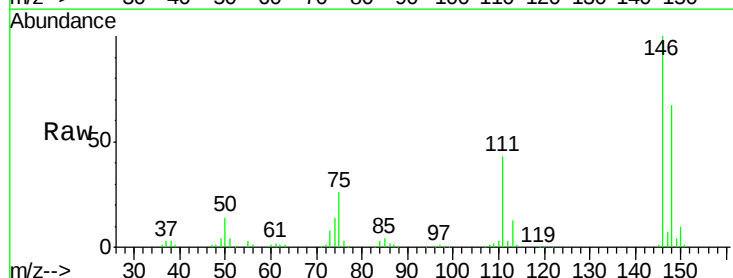
Manual Integrations
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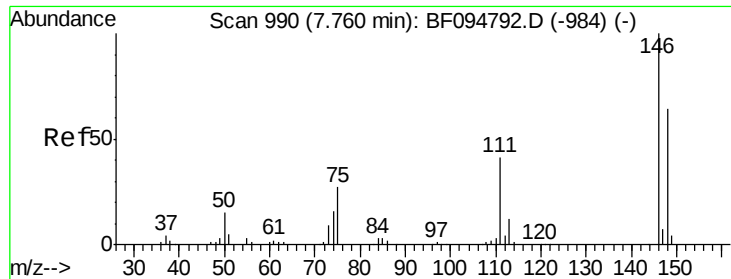
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.94 ng
RT: 7.62 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.8	77.6
75	26.3	23.1	34.7





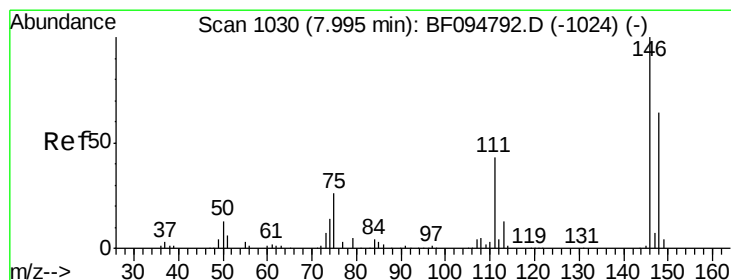
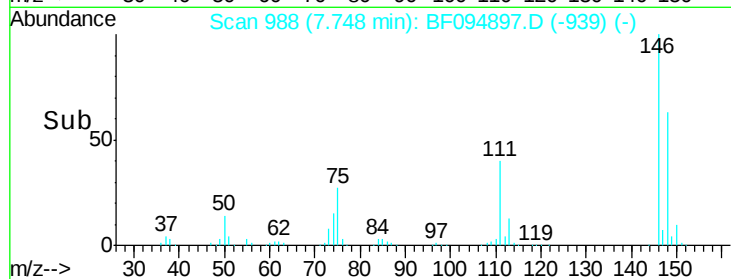
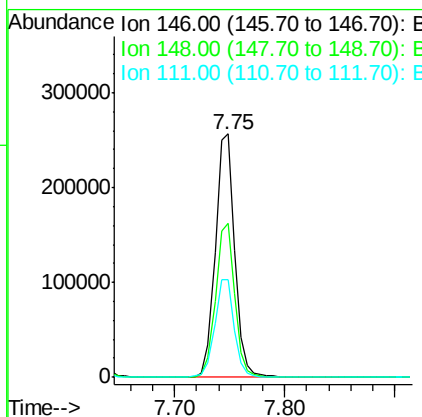
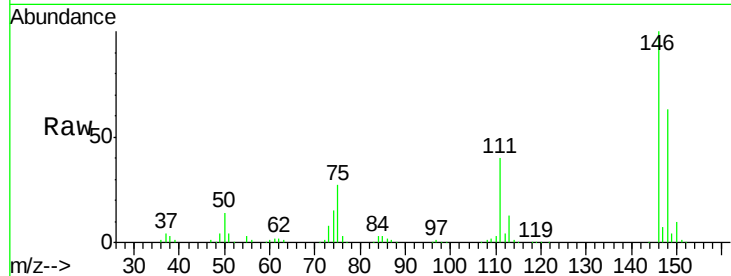
#13
 1,4-Dichlorobenzene
 Concen: 41.51 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	40.3	30.3	45.5

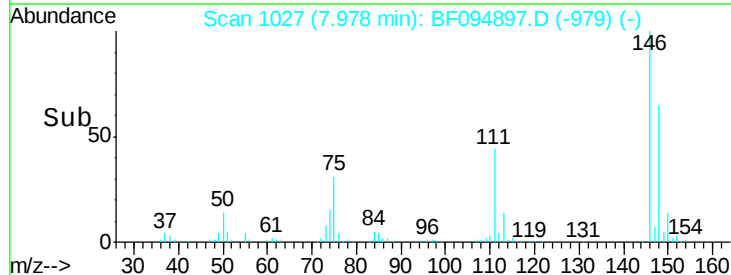
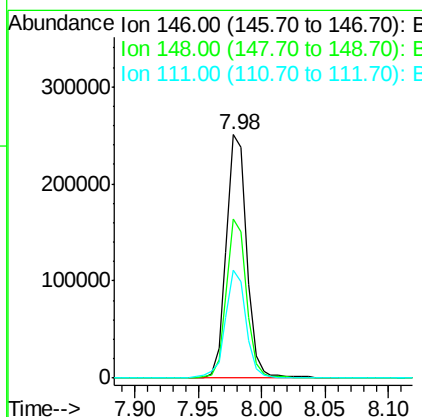
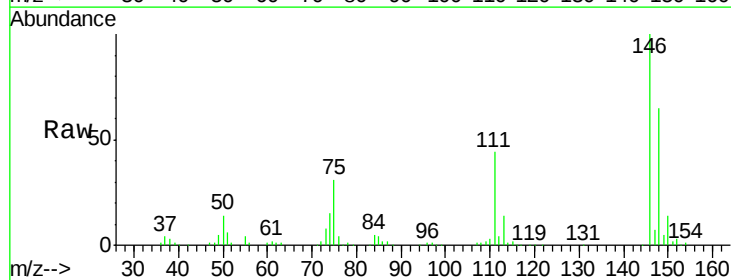
Manual Integrations
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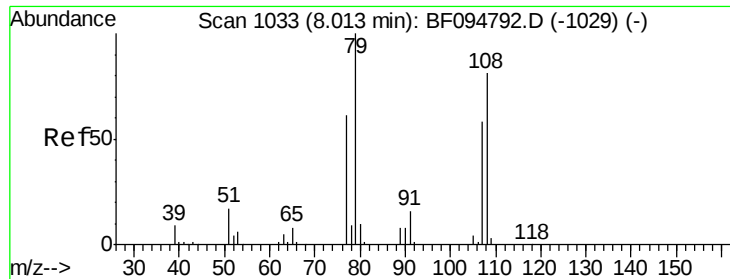
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.11 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.4	75.6
111	44.2	38.2	57.4





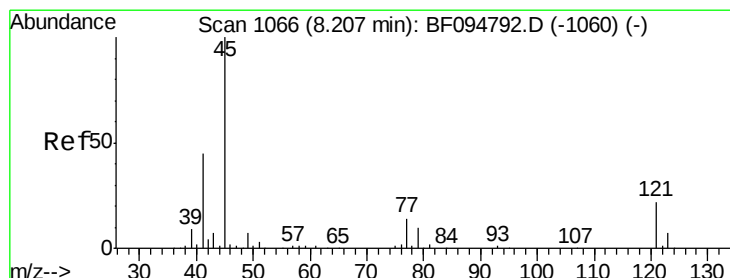
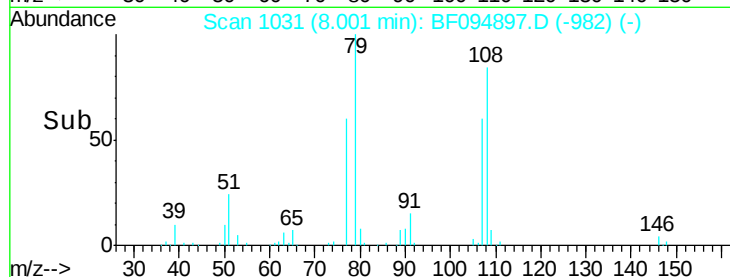
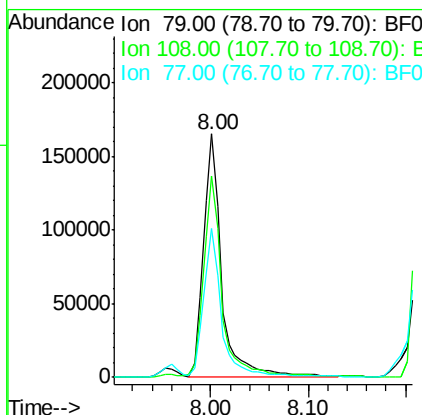
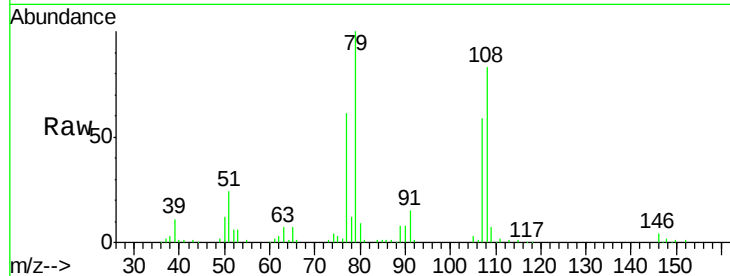
#15
Benzyl Alcohol
Concen: 48.38 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	82.6	63.4	95.0
77	61.0	49.2	73.8

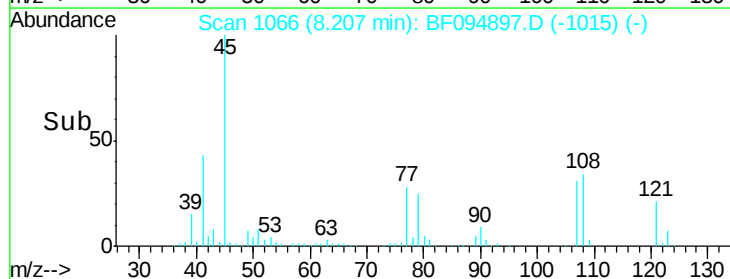
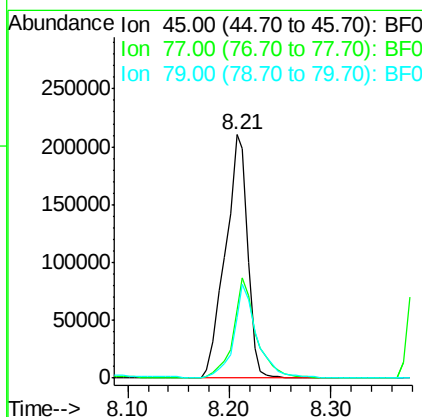
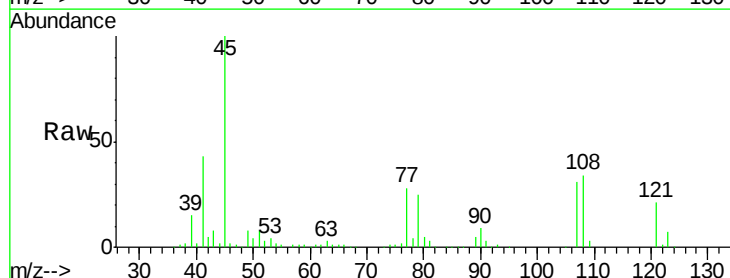
Manual Integrations
APPROVED

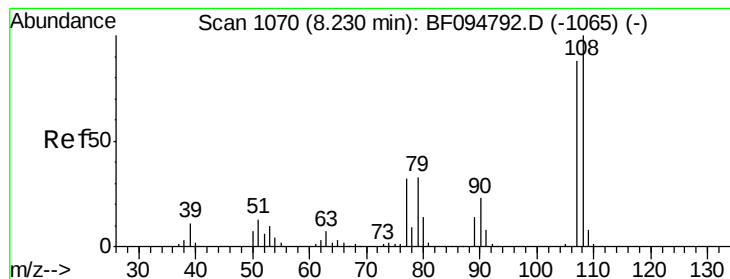
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.05 ng
RT: 8.21 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.1	0.0	33.2
79	24.9	0.0	30.0





#17

2-Methylphenol

Concen: 41.95 ng

RT: 8.21 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Instrument :

BNA_F

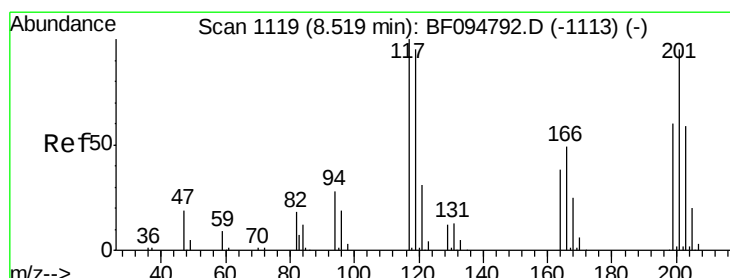
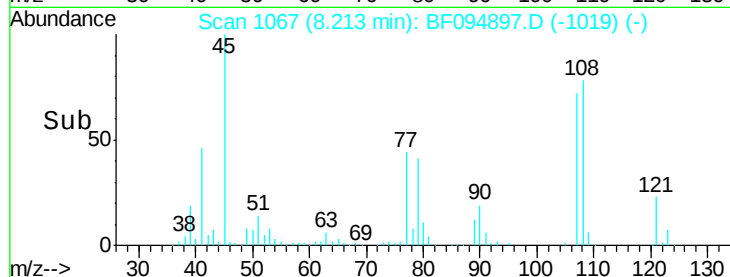
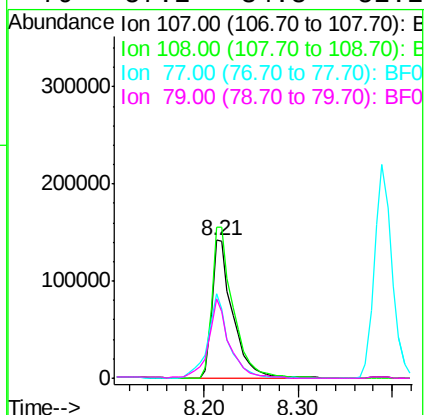
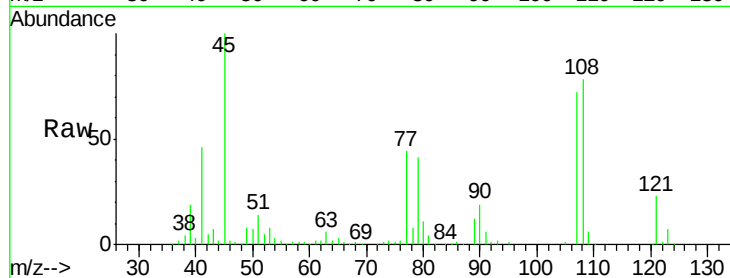
ClientSampleId :

SSTDCCC040

Tgt Ion:	107	Resp:	222914
Ion Ratio	Lower	Upper	
107	100		
108	109.4	93.4	140.0
77	61.1	35.8	53.6#
79	57.2	34.8	52.2#

Manual Integrations
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#18

Hexachloroethane

Concen: 37.29 ng

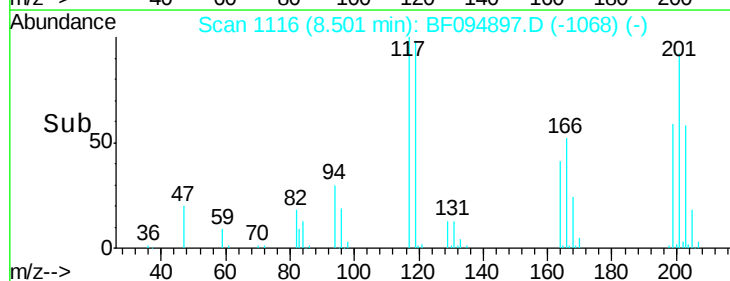
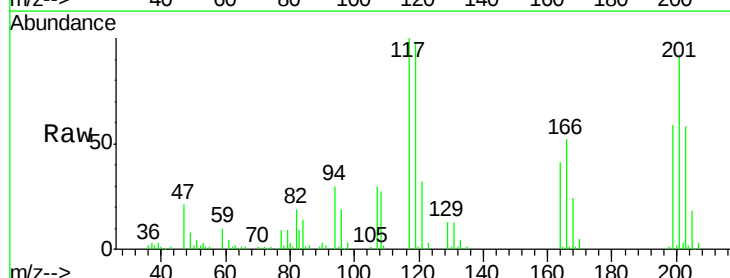
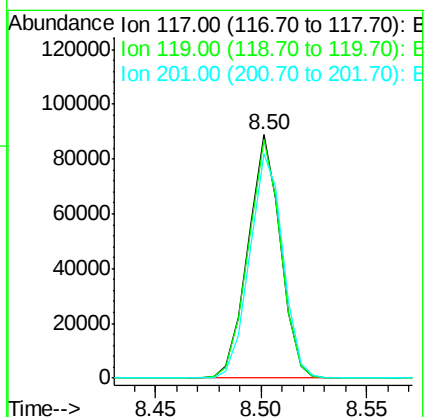
RT: 8.50 min Scan# 1116

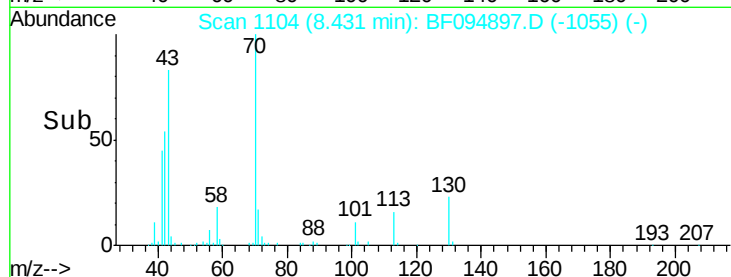
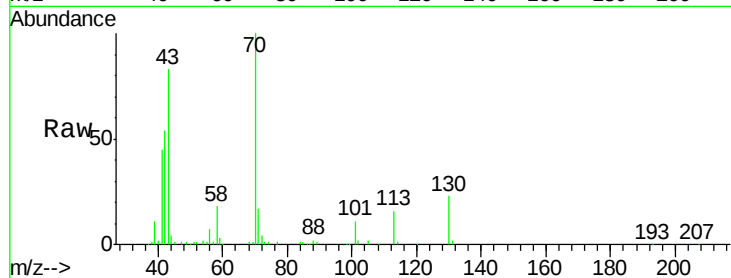
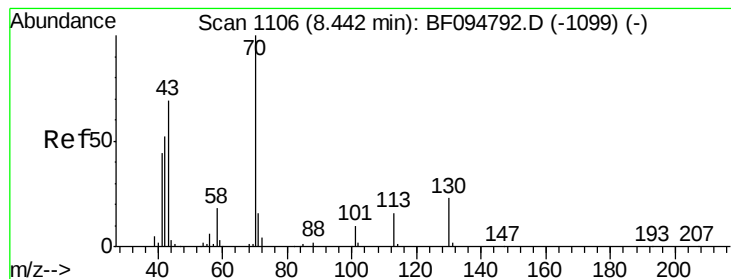
Delta R.T. -0.02 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Tgt Ion:	117	Resp:	94354
Ion Ratio	Lower	Upper	
117	100		
119	97.9	77.4	116.0
201	92.1	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 41.06 ng

RT: 8.43 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.2	70.8
101	10.6	7.2	10.8
130	23.4	15.9	23.9

Instrument :

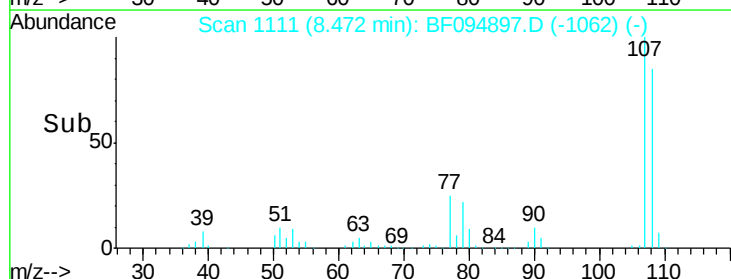
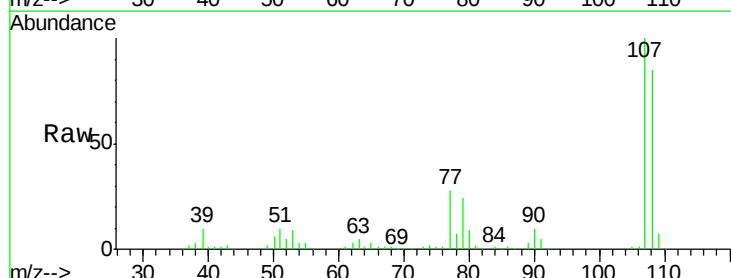
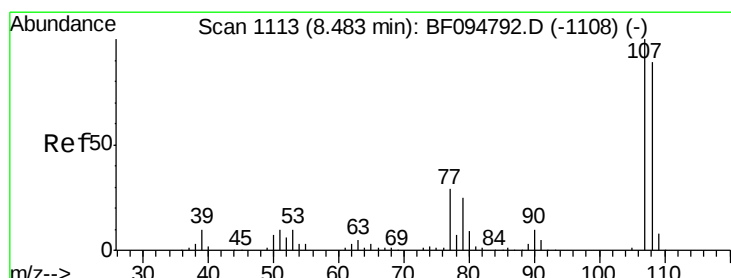
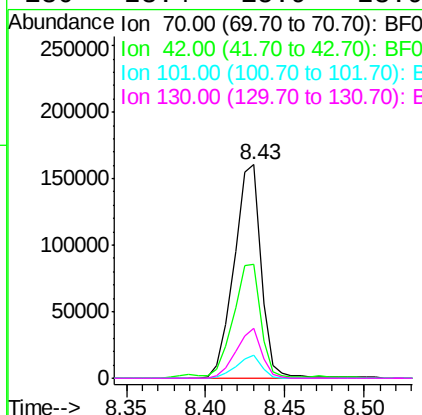
BNA_F

ClientSampleId :

SSTDCCC040

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#20

3+4-Methylphenols

Concen: 41.43 ng

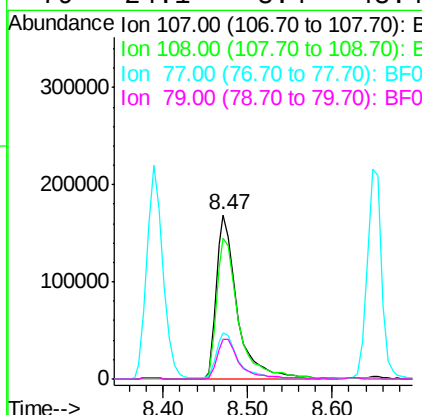
RT: 8.47 min Scan# 1111

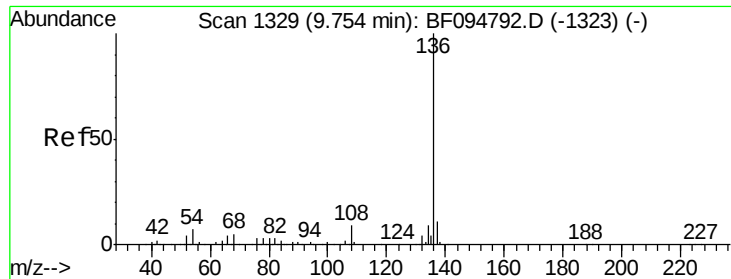
Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	71.0	111.0
77	27.8	90.5	130.5#
79	24.1	8.4	48.4





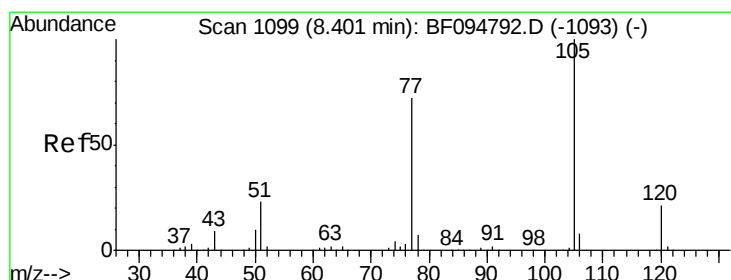
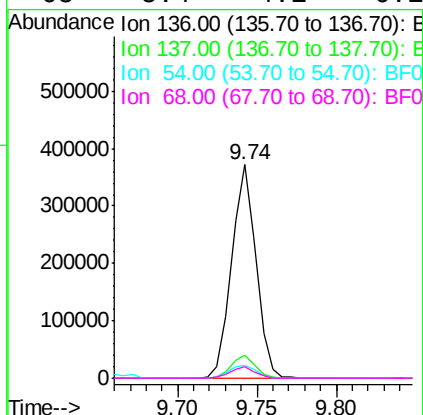
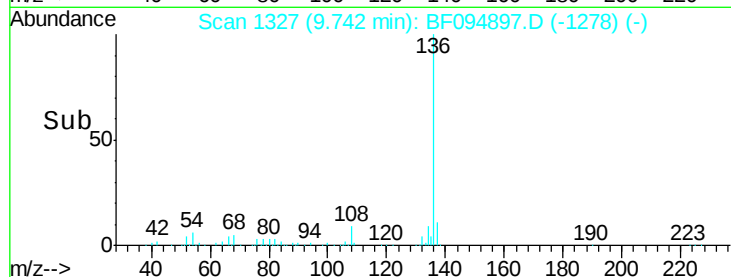
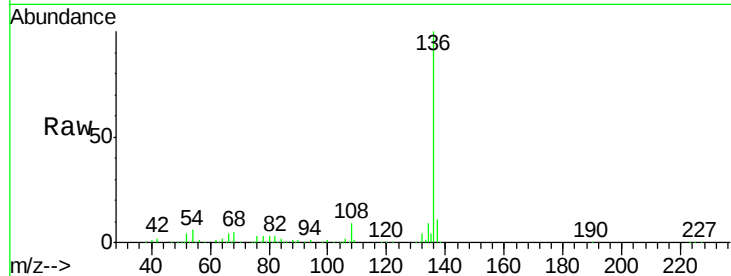
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	395983		
137	10.9	8.5	12.7	
54	6.3	4.9	7.3	
68	5.4	4.1	6.1	

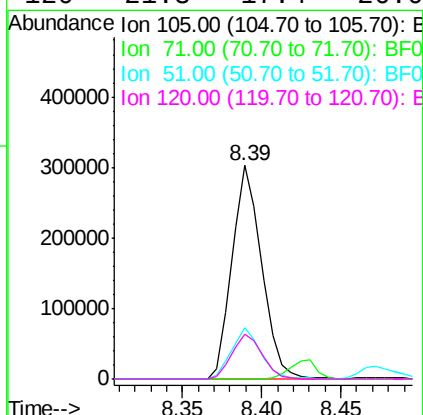
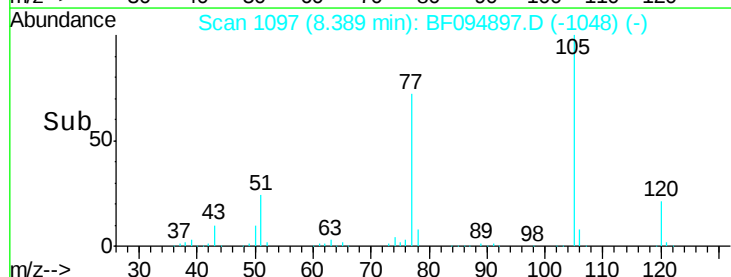
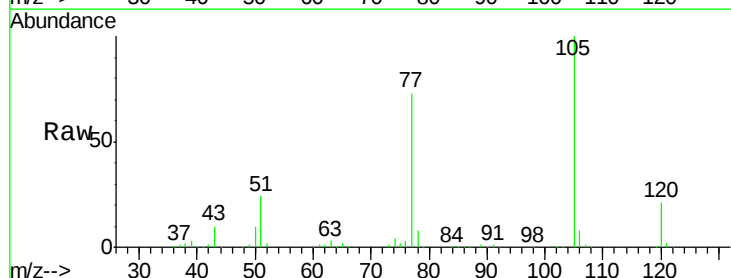
Manual Integrations
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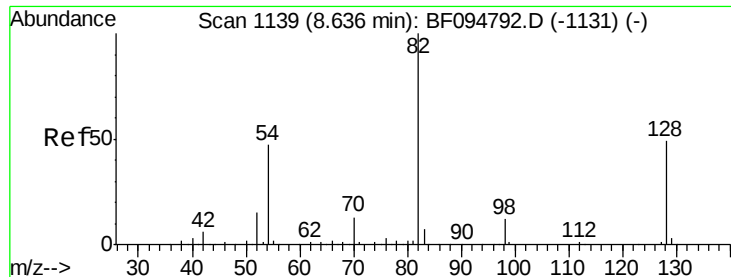
mohammad
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#22
Acetophenone
Concen: 41.43 ng
RT: 8.39 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	393622		
71	0.0	2.8	4.2#	
51	24.0	30.7	46.1#	
120	21.3	17.4	26.0	





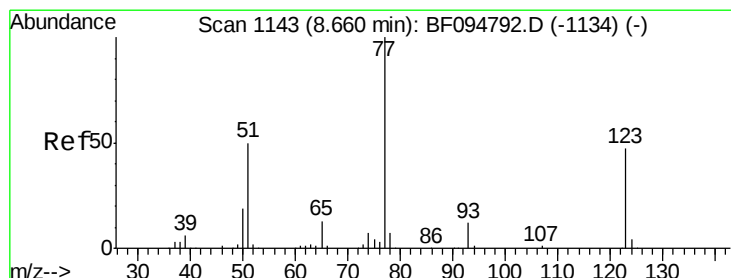
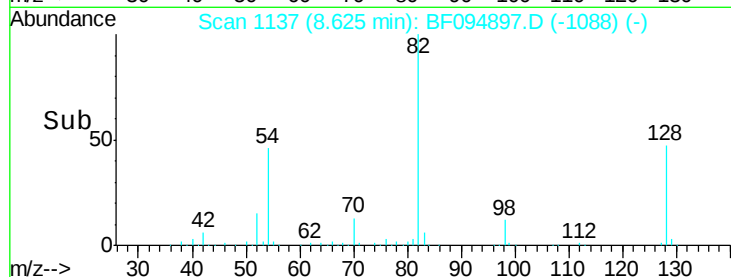
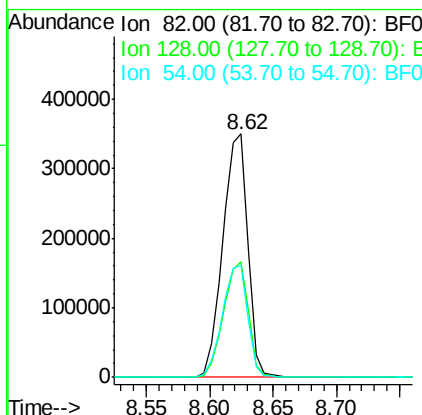
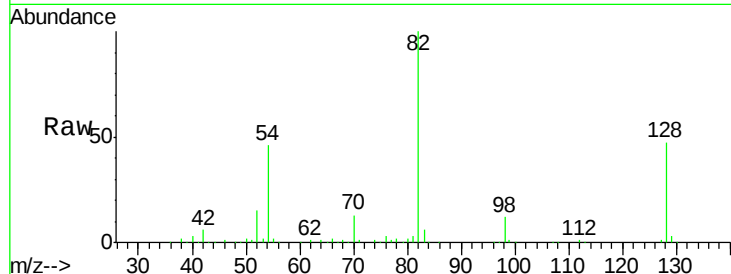
#23
Nitrobenzene-d5
Concen: 76.08 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	477731		
128	47.5	34.0	51.0	
54	46.1	42.2	63.2	

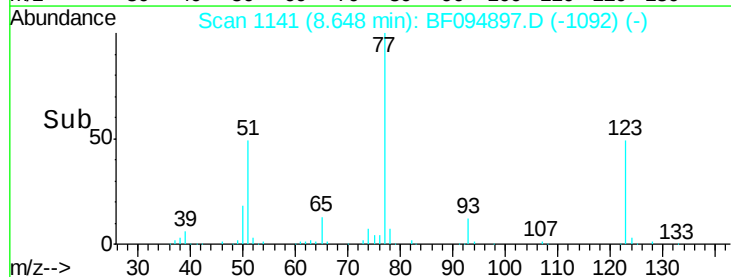
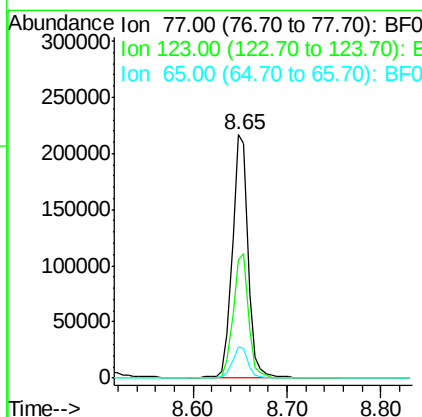
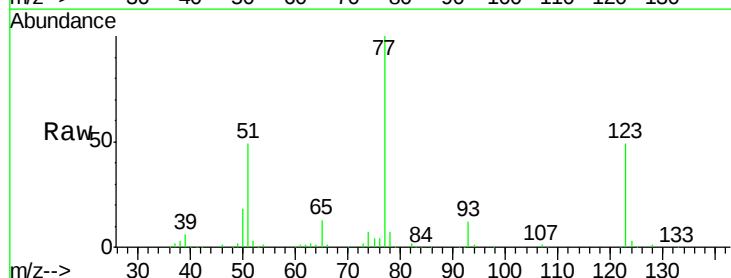
Manual Integrations
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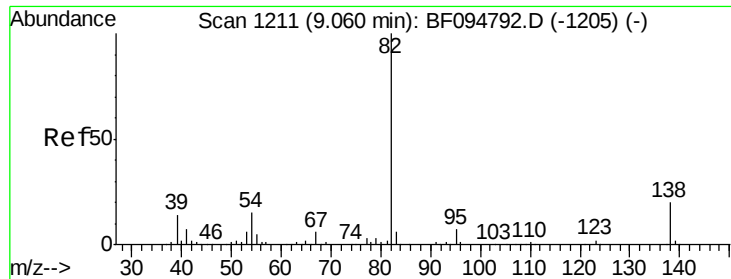
mohammad
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#24
Nitrobenzene
Concen: 38.01 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	250217		
123	48.5	35.8	53.8	
65	12.6	10.6	15.8	





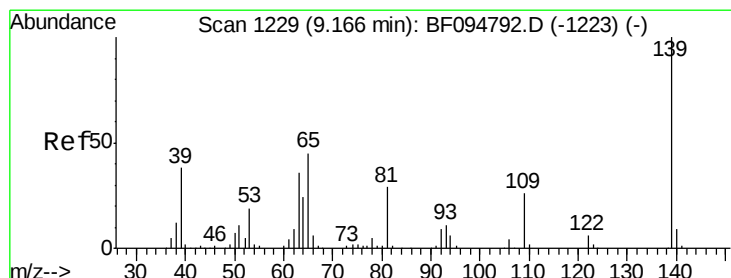
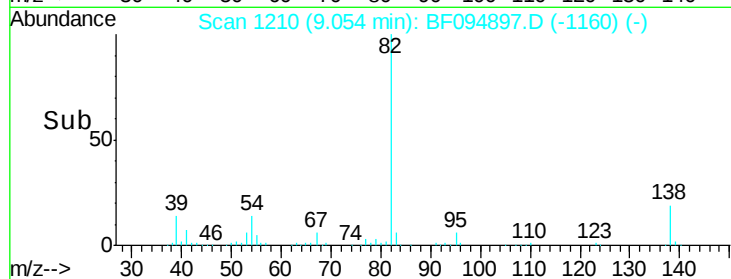
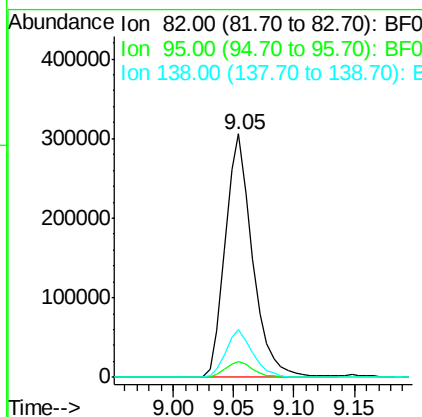
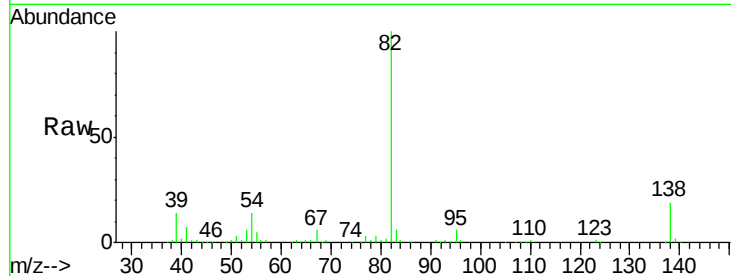
#25
Isophorone
Concen: 42.80 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	479911		
95	6.4	5.3	7.9	
138	19.4	13.1	19.7	

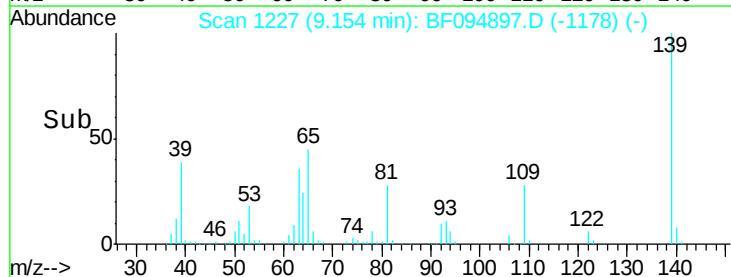
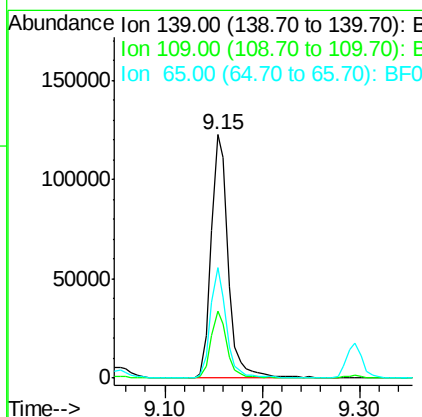
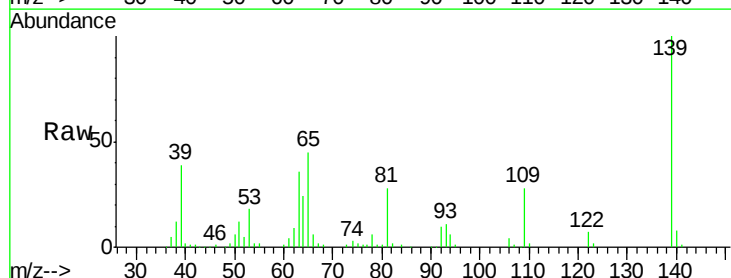
Manual Integrations
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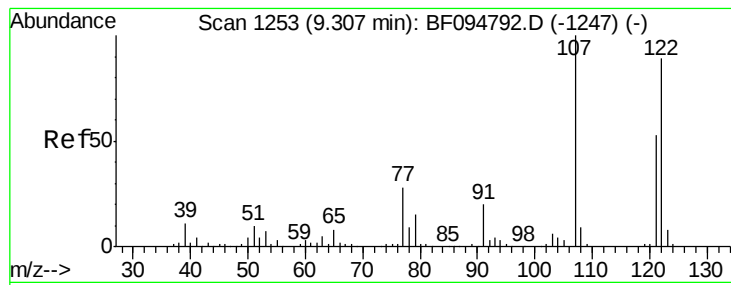
mohammad
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#26
2-Nitrophenol
Concen: 42.02 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	149252		
109	27.7	21.0	31.6	
65	45.4	33.0	49.6	





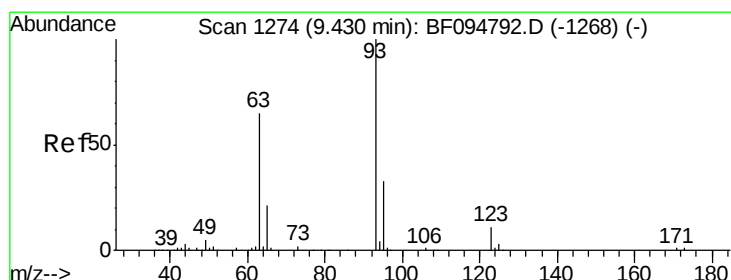
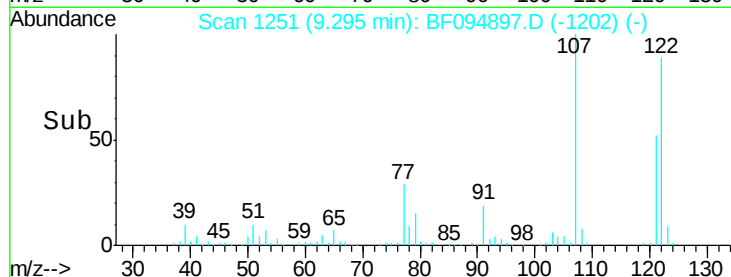
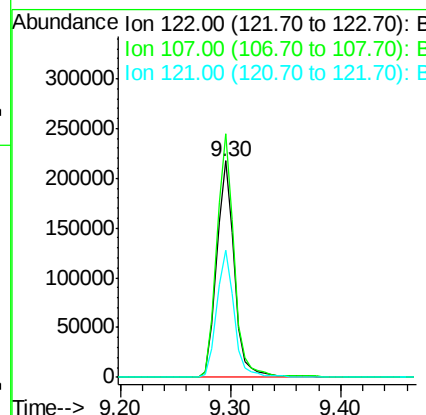
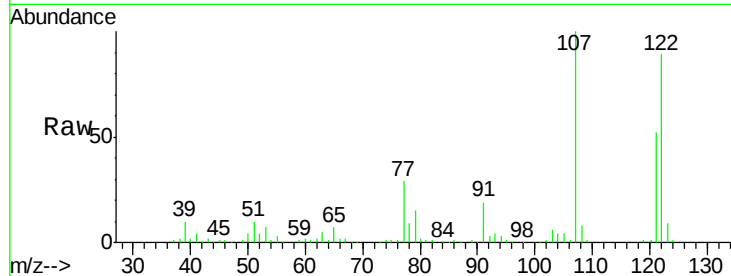
#27
 2,4-Dimethylphenol
 Concen: 41.53 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	238506		
107	112.5	89.2	133.8	
121	59.0	45.2	67.8	

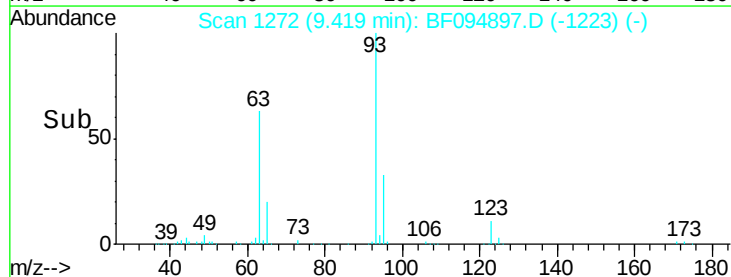
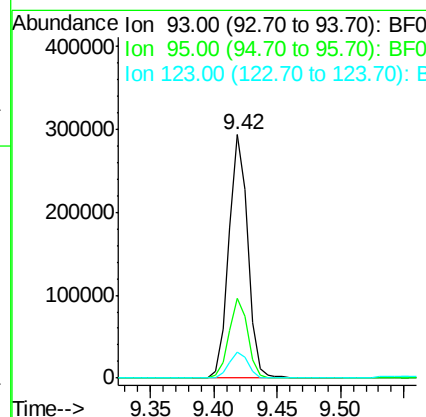
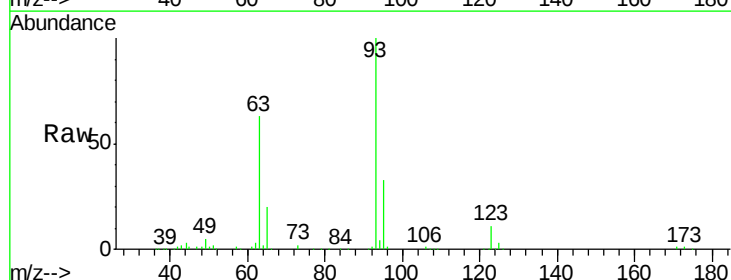
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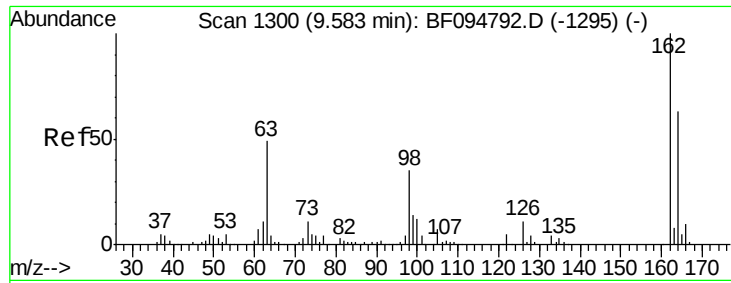
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.18 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	303905		
95	32.7	26.5	39.7	
123	10.7	9.0	13.4	





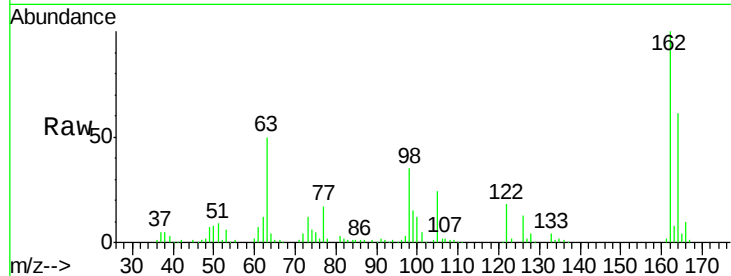
#29
 2,4-Dichlorophenol
 Concen: 42.12 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

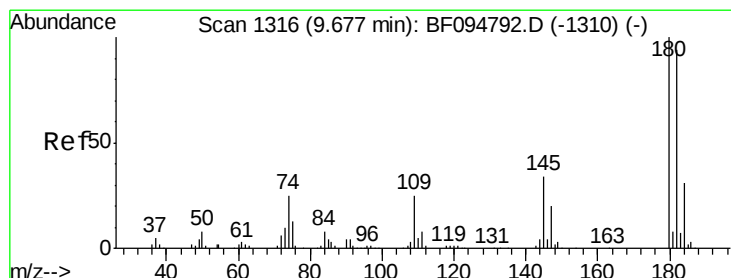
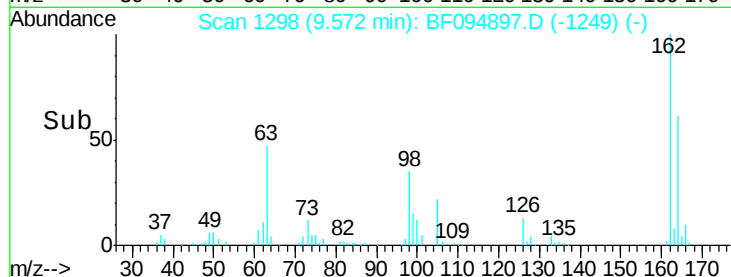
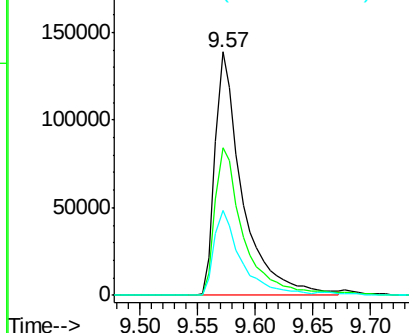
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	228357		
164	60.5	44.6	84.6	
98	34.9	14.8	54.8	

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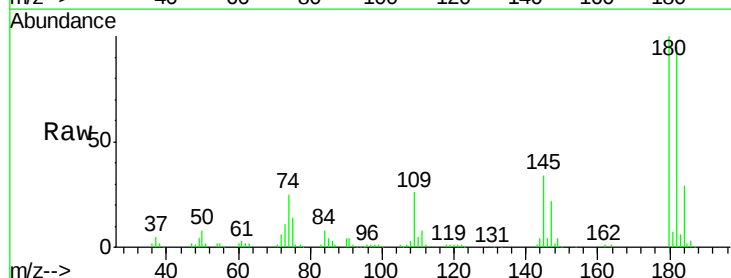


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

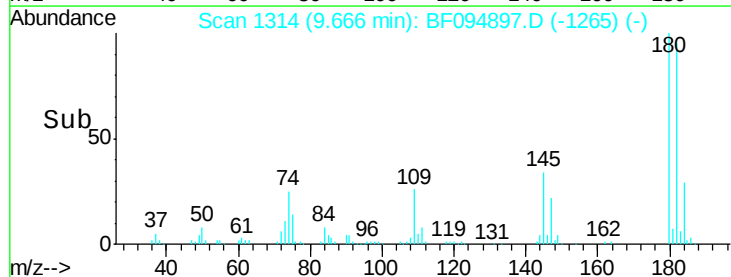
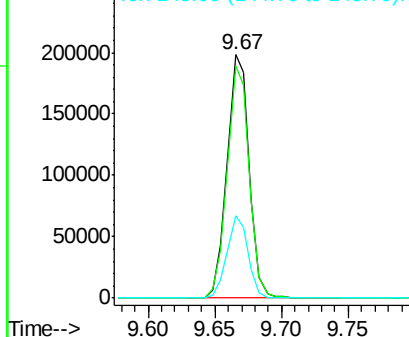


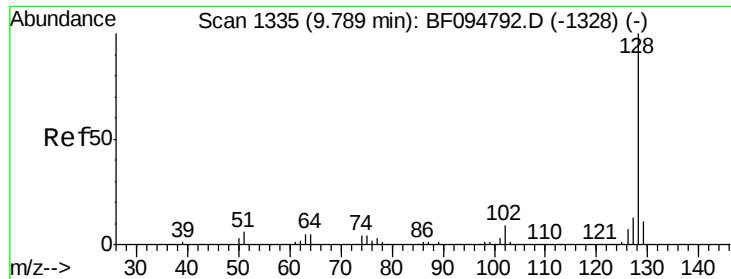
#30
 1,2,4-Trichlorobenzene
 Concen: 39.88 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	231667		
182	95.1	75.8	113.6	
145	33.6	25.3	37.9	



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





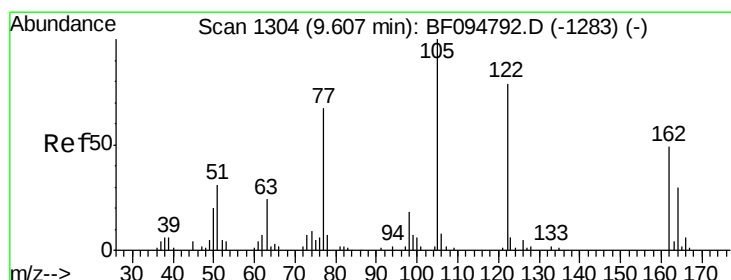
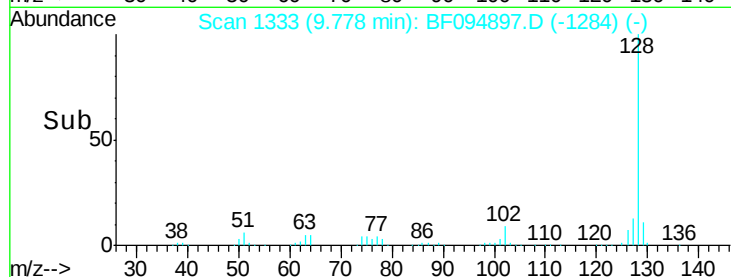
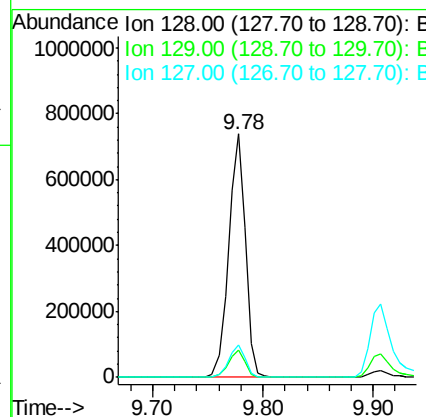
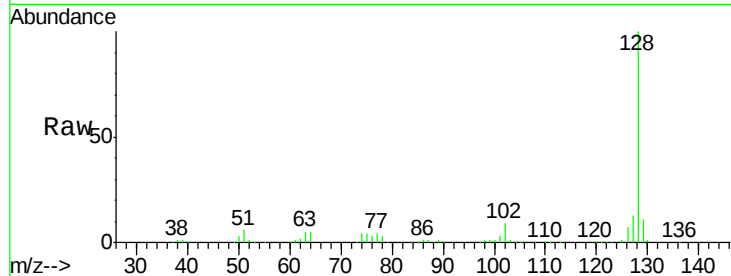
#31
Naphthalene
Concen: 39.25 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	9.0	13.6
127	13.5	10.8	16.2

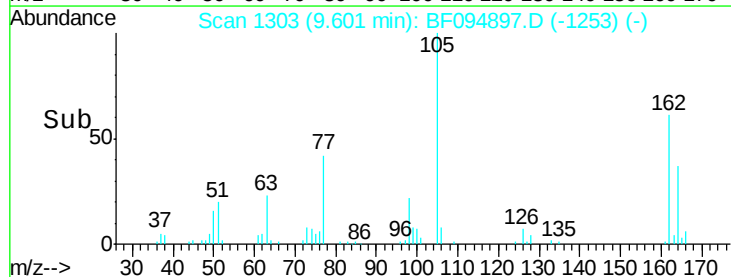
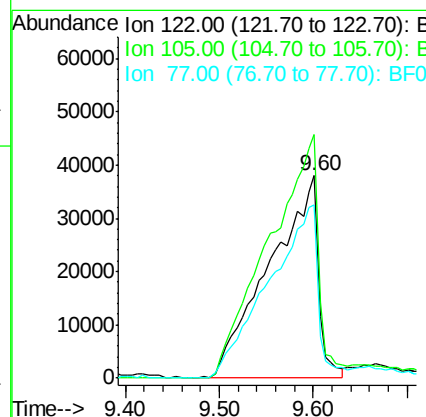
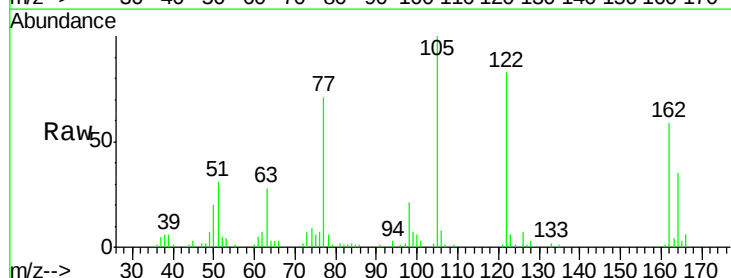
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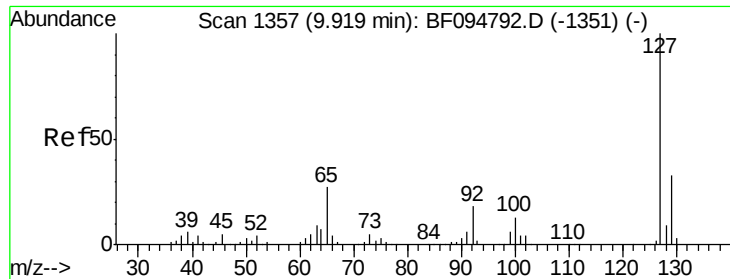
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#32
Benzoic acid
Concen: 37.50 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	120.5	103.3	143.3
77	86.0	73.7	113.7





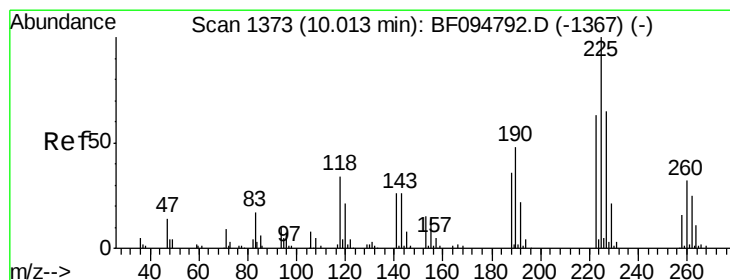
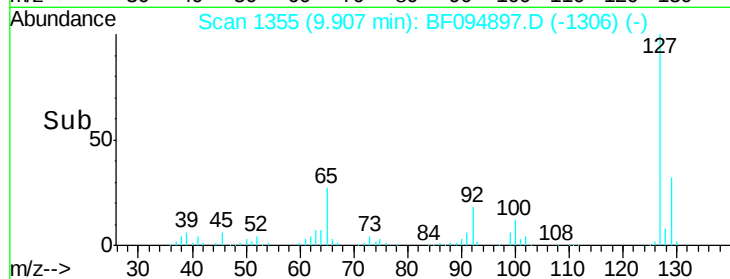
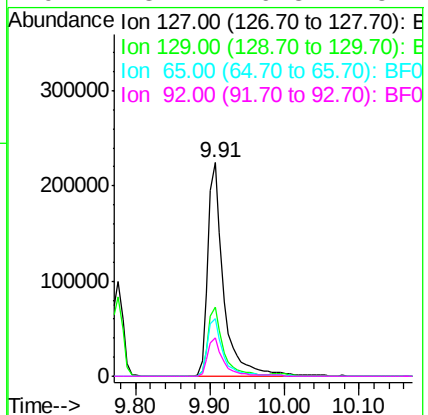
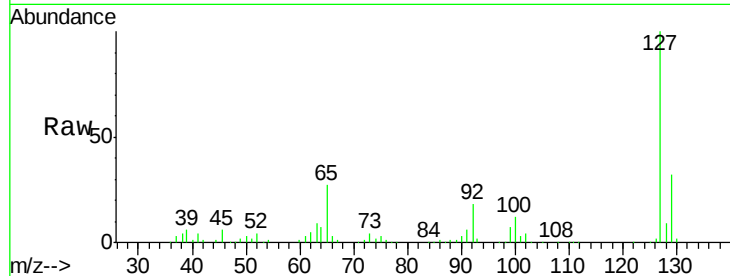
#33
4-Chloroaniline
Concen: 44.55 ng
RT: 9.91 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	26.2	39.2
65	27.2	27.8	41.8
92	18.2	16.8	25.2

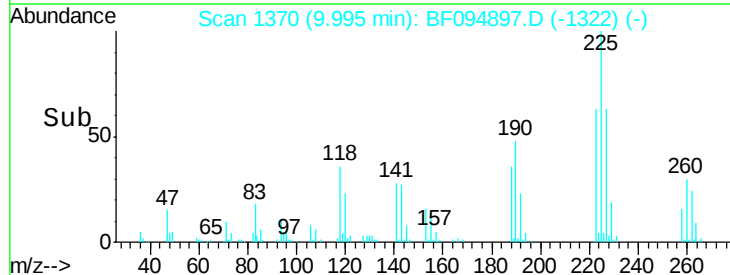
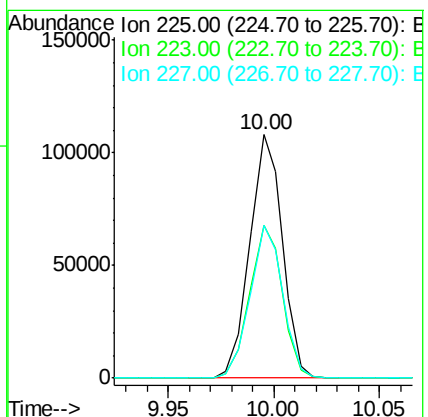
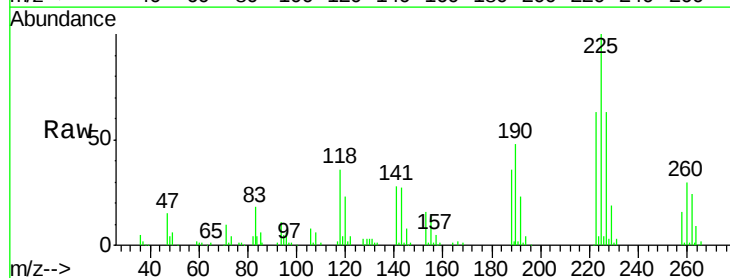
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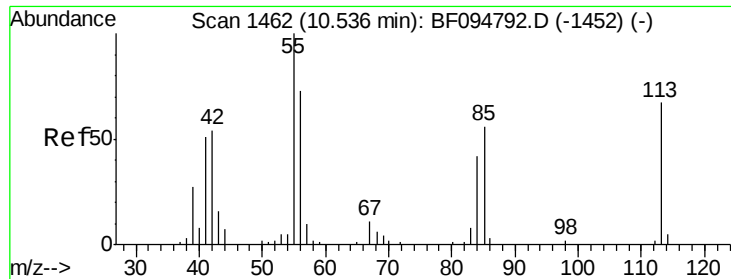
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#34
Hexachlorobutadiene
Concen: 37.83 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.7	48.8	73.2
227	63.0	51.1	76.7





#35

Caprolactam

Concen: 42.30 ng m

RT: 10.53 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 68866

Ion Ratio Lower Upper

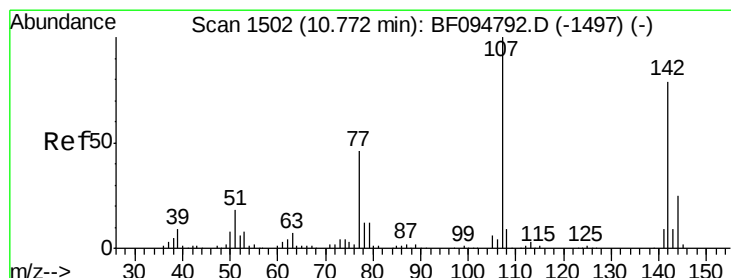
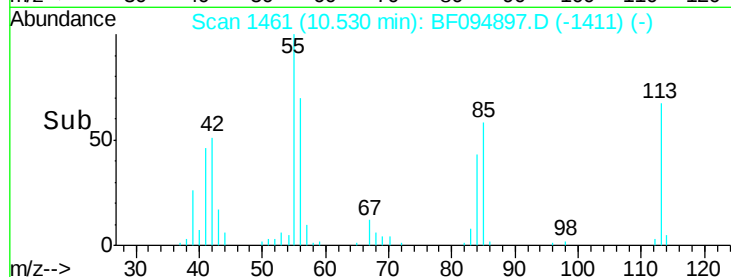
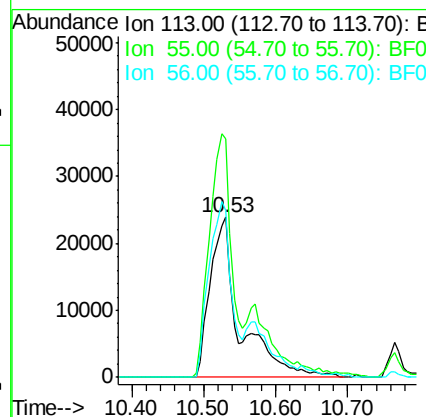
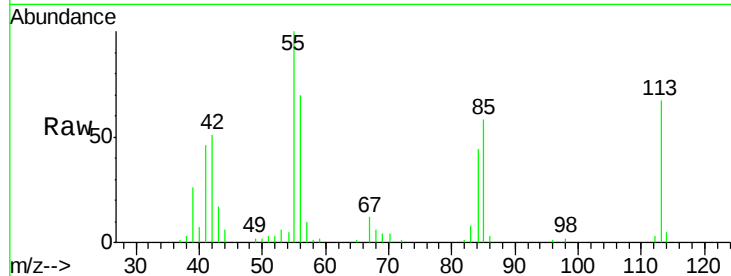
113 100

55 148.6 150.2 190.2#

56 104.5 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 41.92 ng

RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

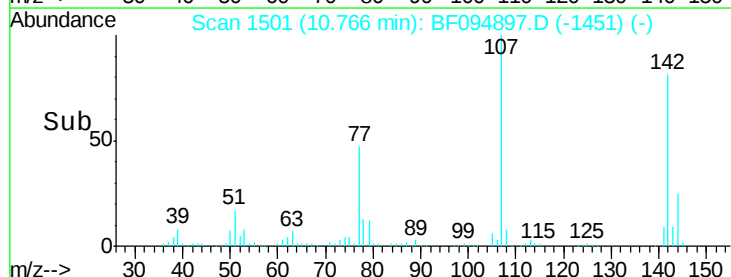
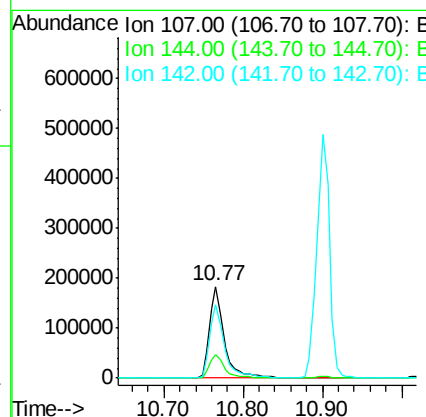
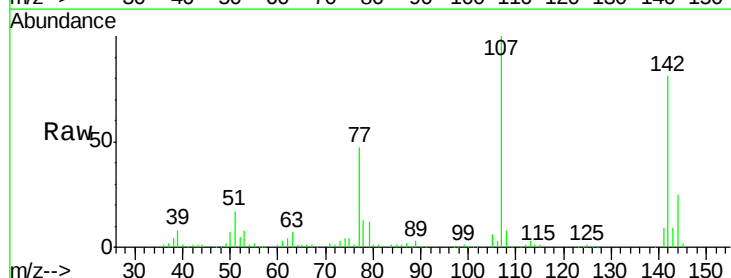
Tgt Ion:107 Resp: 243037

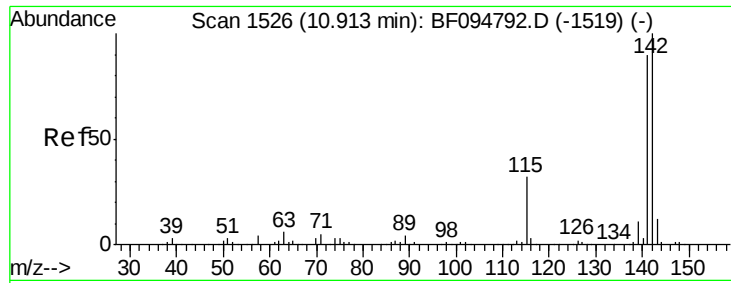
Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

142 80.6 73.4 110.0





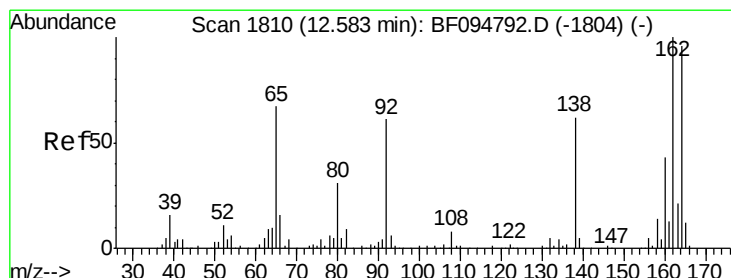
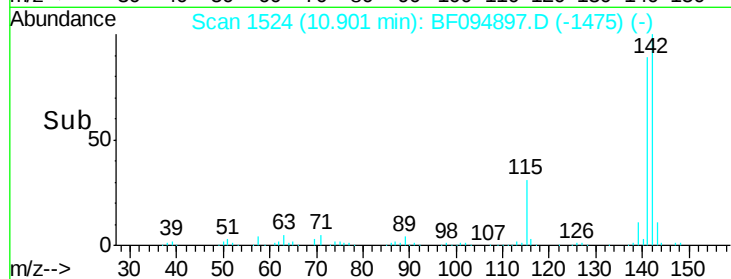
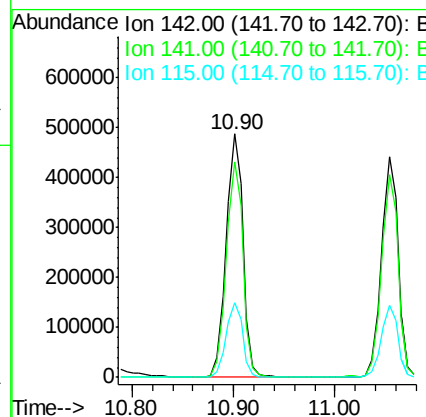
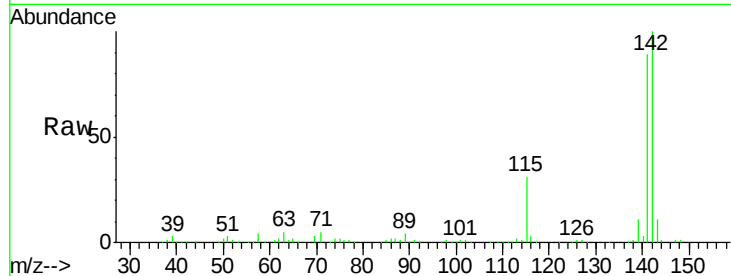
#37
2-Methylnaphthalene
Concen: 43.17 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	30.8	27.1	40.7

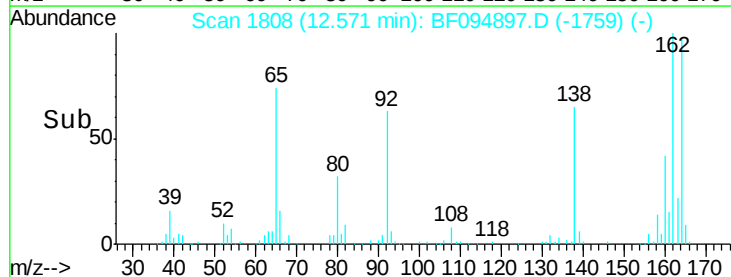
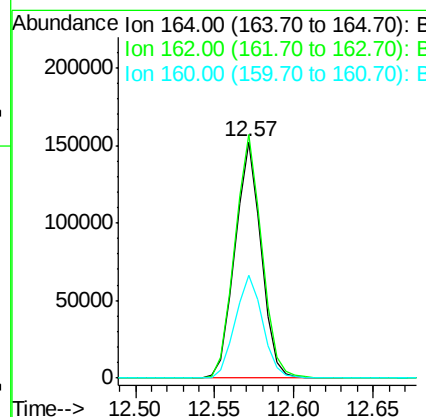
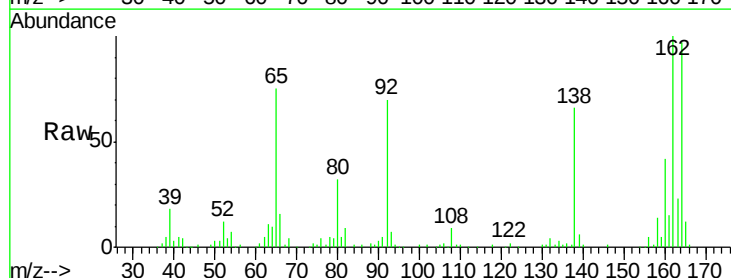
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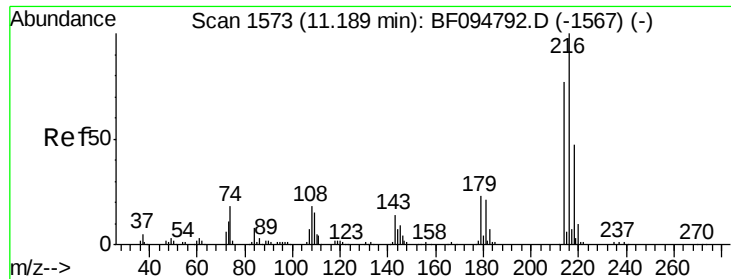
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	43.5	36.2	54.2





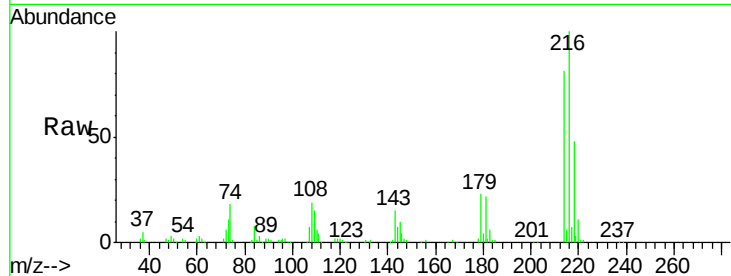
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.46 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	221448		
214	79.2	63.4	95.2	
179	21.4	17.9	26.9	
108	18.4	16.5	24.7	

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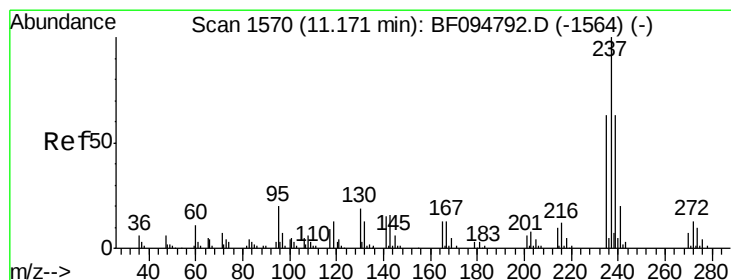
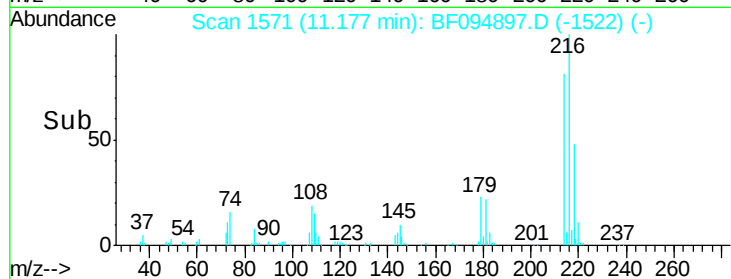
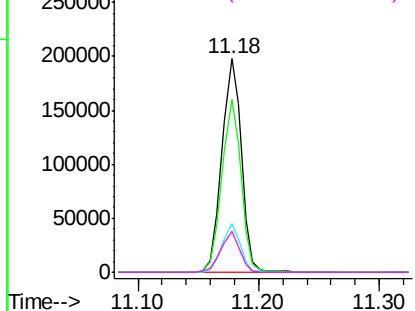
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

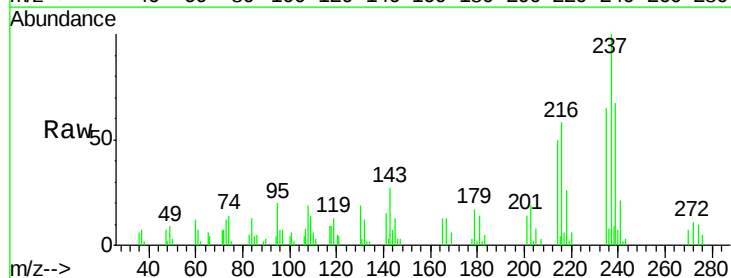
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 14.20 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	19795		
235	65.1	42.6	82.6	
272	11.1	0.0	31.9	

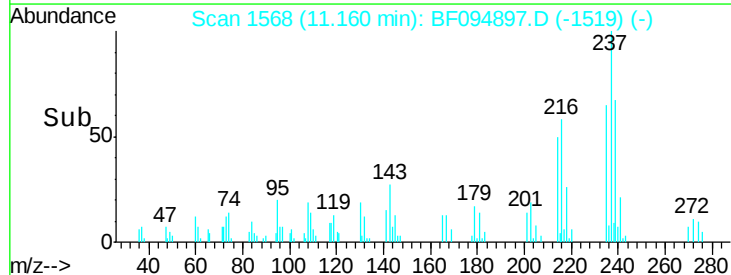
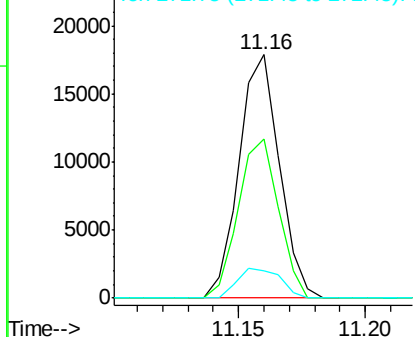


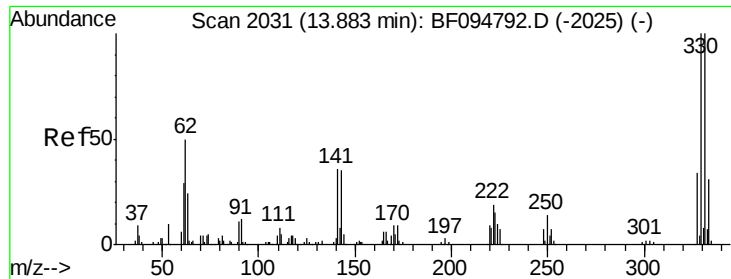
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





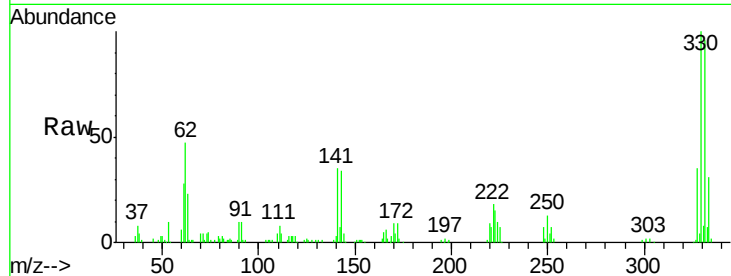
#41
 2,4,6-Tribromophenol
 Concen: 82.51 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	117356		
332	97.0	76.6	115.0	
141	40.0	31.4	47.2	

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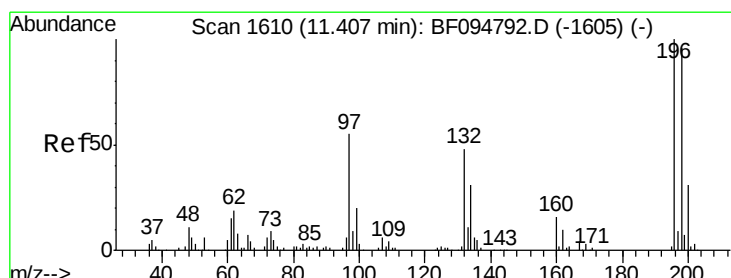
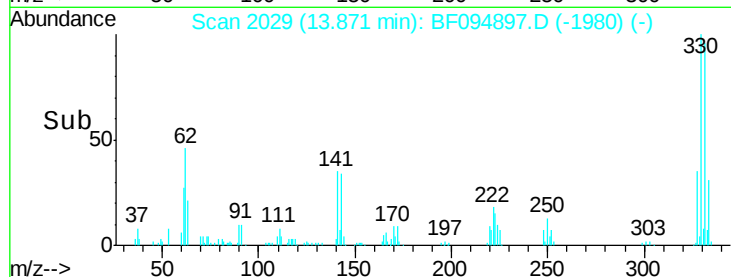
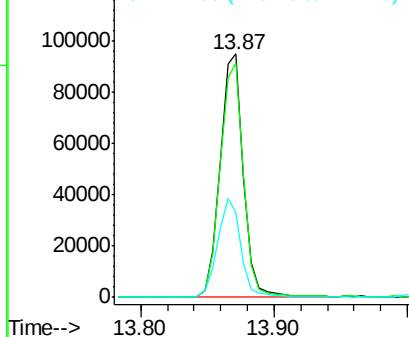


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.38 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

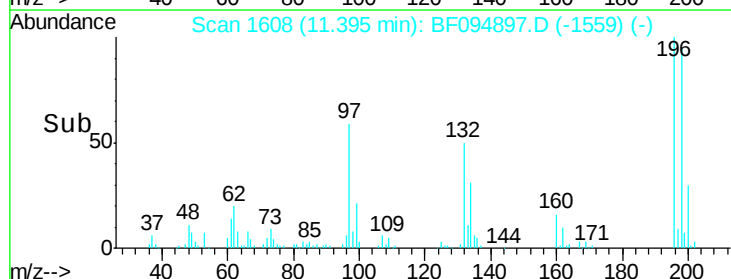
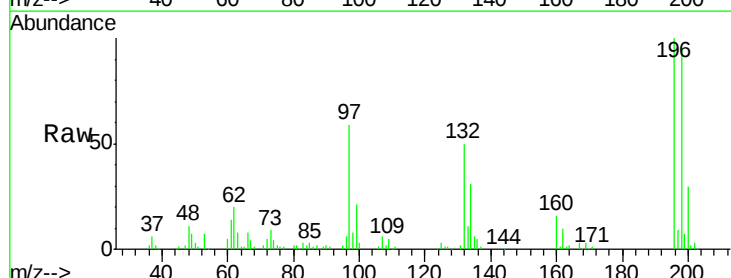
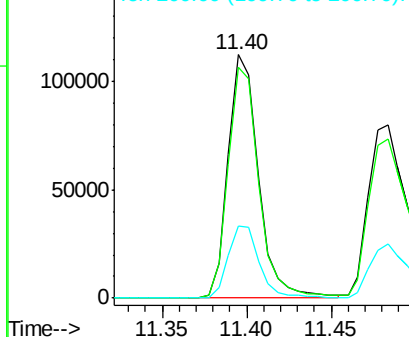
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140416		
198	94.6	74.2	111.4	
200	29.7	24.0	36.0	

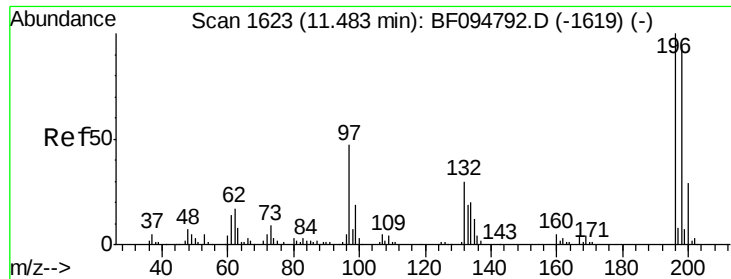
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





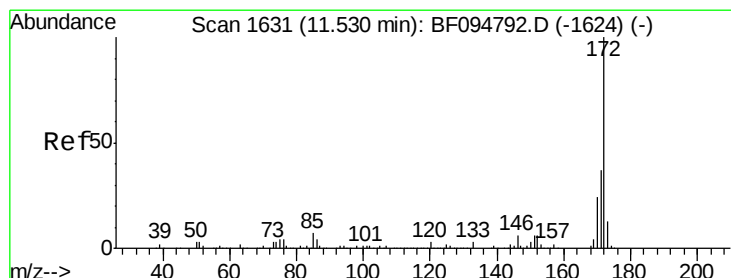
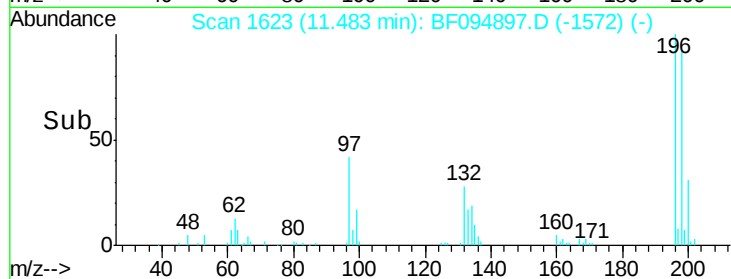
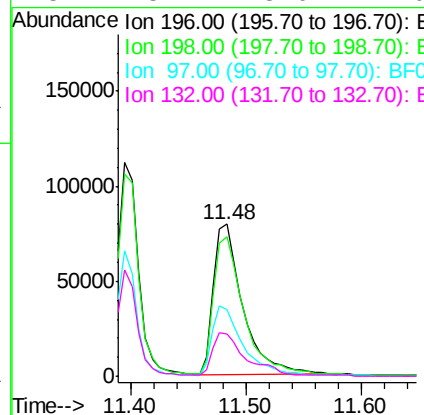
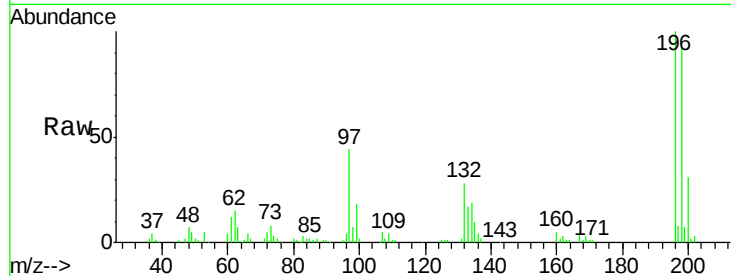
#43
 2,4,5-Trichlorophenol
 Concen: 37.17 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142449		
198	91.6	75.7	113.5	
97	44.1	47.7	71.5	
132	28.1	28.0	42.0	

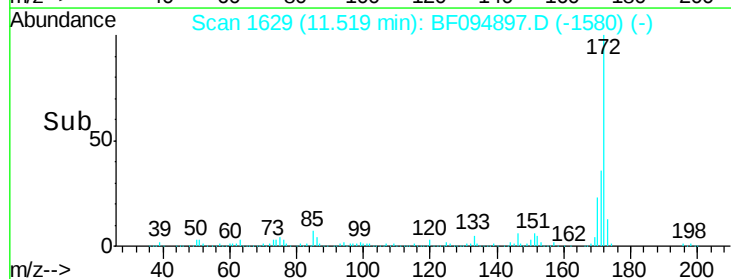
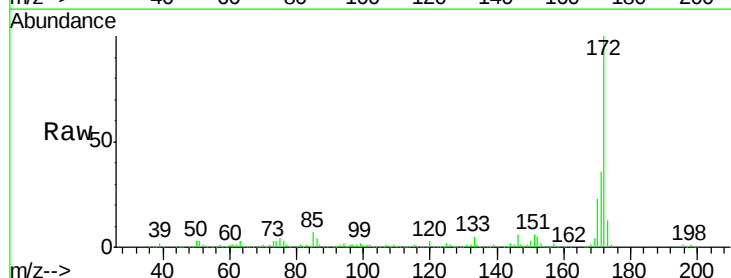
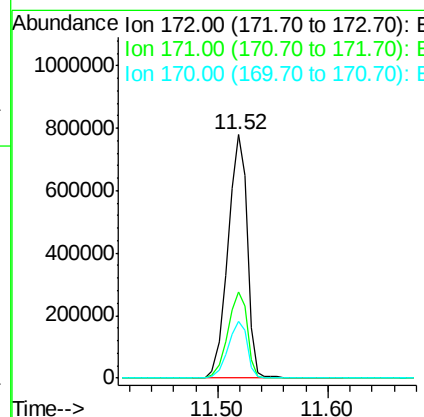
Manual Integrations
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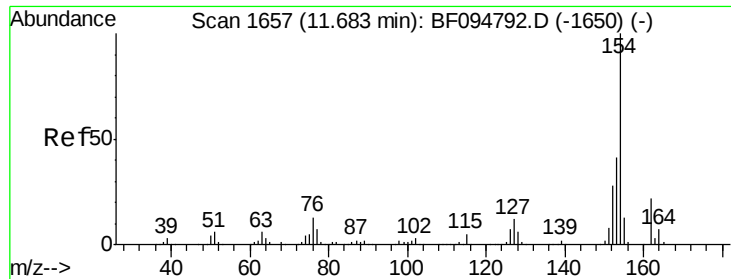
mohammad
 5/5/2017 5:23:39 PM



#44
 2-Fluorobiphenyl
 Concen: 79.46 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	958831		
171	35.5	29.6	44.4	
170	23.5	19.8	29.8	





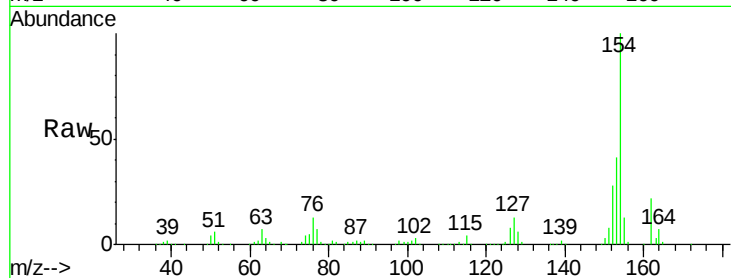
#45
1,1'-Biphenyl
Concen: 40.94 ng
RT: 11.67 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

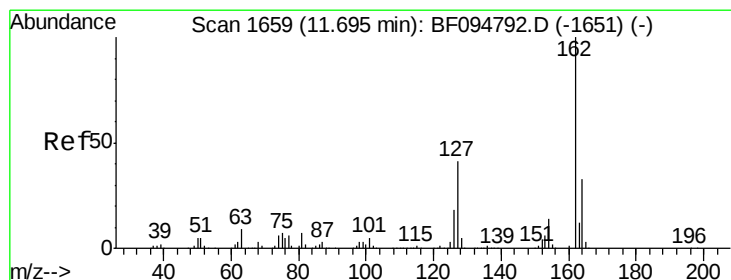
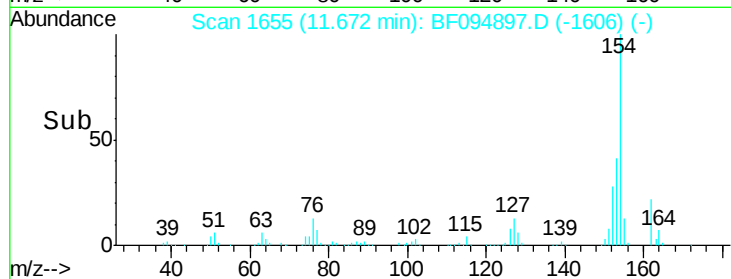
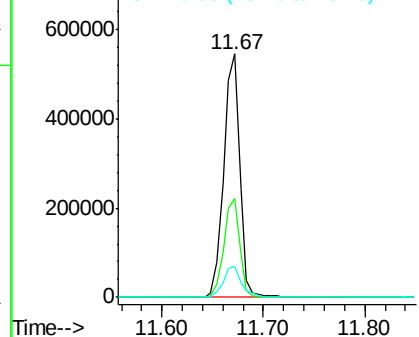
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	598613		
153	40.5	21.2	61.2	
76	12.7	0.0	29.9	

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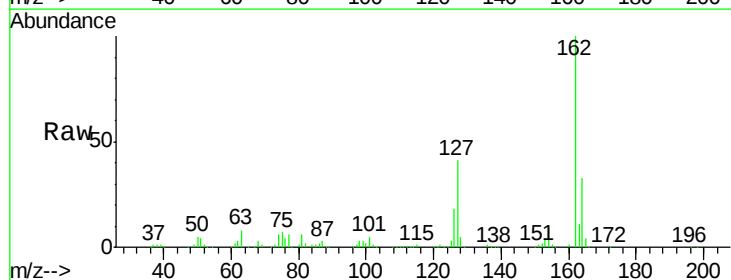


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

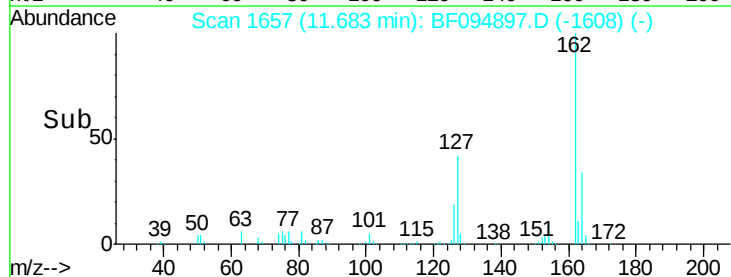
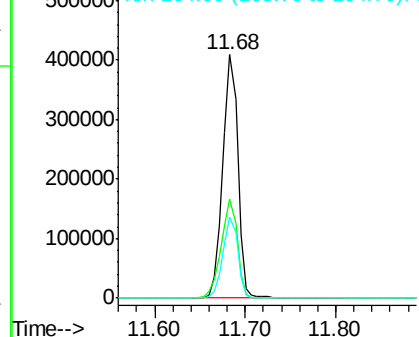


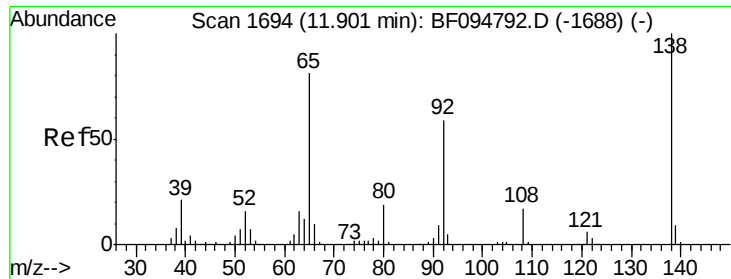
#46
2-Chloronaphthalene
Concen: 39.69 ng
RT: 11.68 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	468672		
127	40.5	28.3	42.5	
164	33.4	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





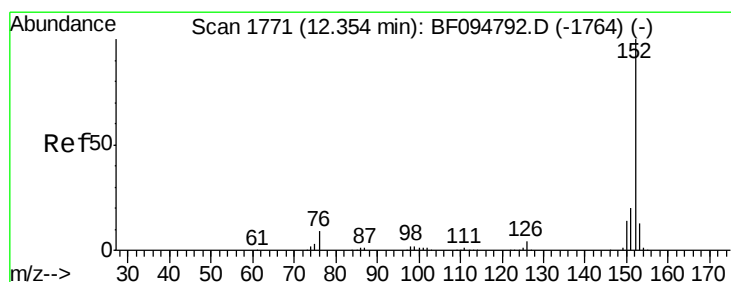
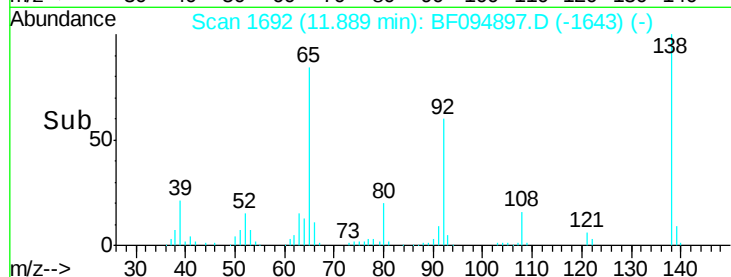
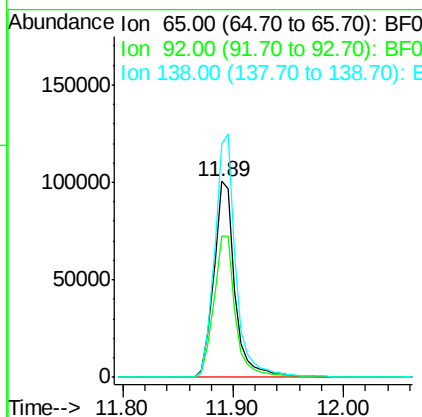
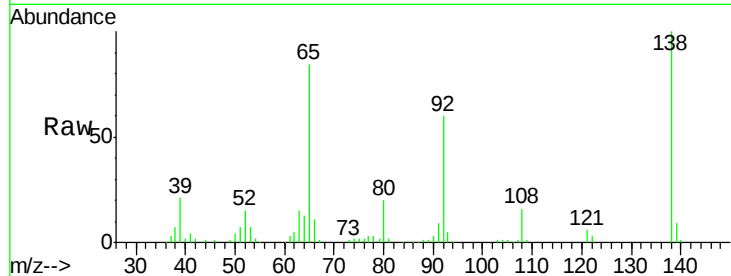
#47
2-Nitroaniline
Concen: 41.11 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.9	80.9
138	119.3	78.8	118.2#

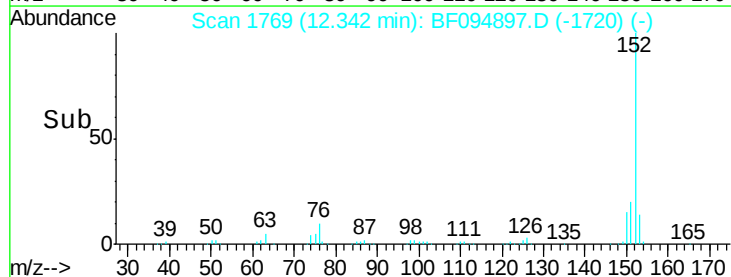
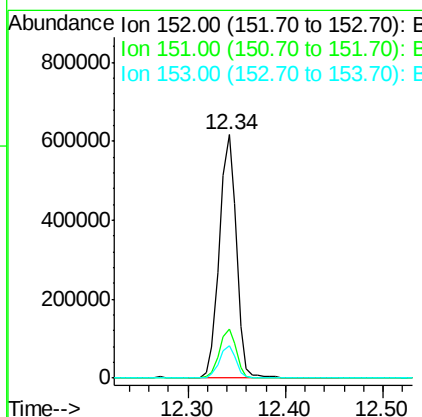
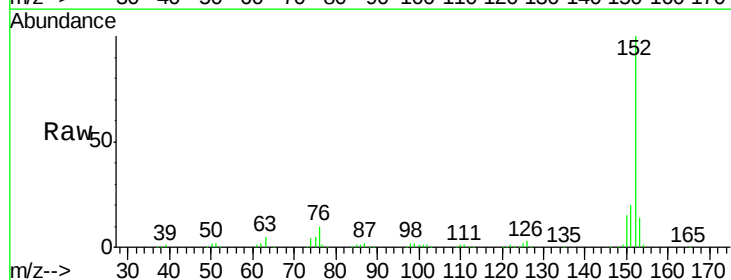
Manual Integrations
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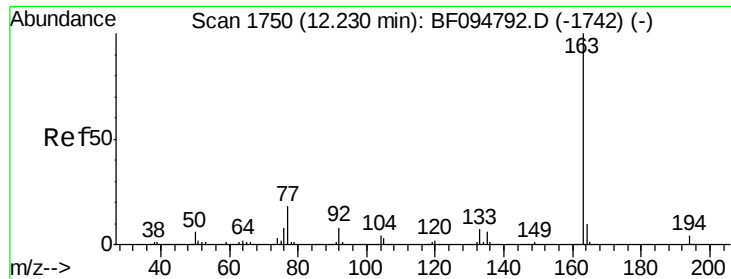
mohammad
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#48
Acenaphthylene
Concen: 40.49 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.5	10.8	16.2





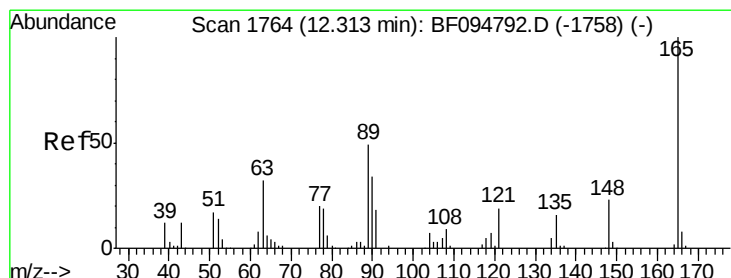
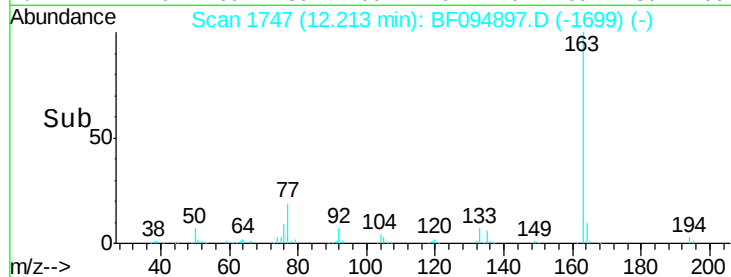
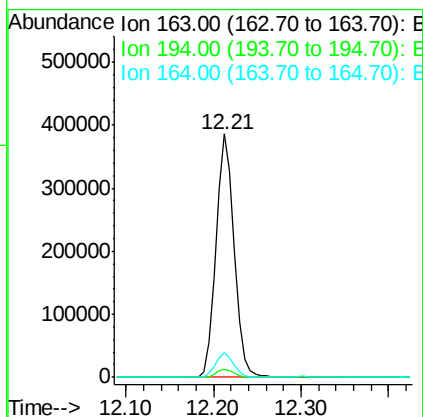
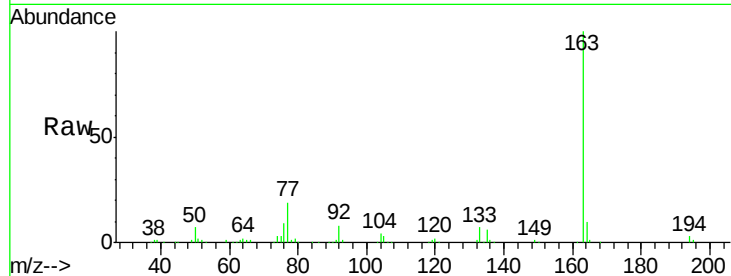
#49
Dimethylphthalate
Concen: 38.96 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	555432		
194	3.3	2.6	4.0	
164	10.0	8.4	12.6	

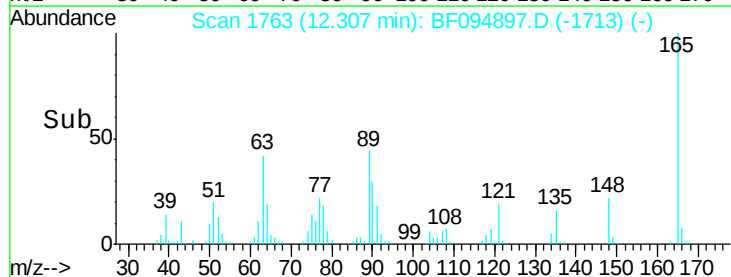
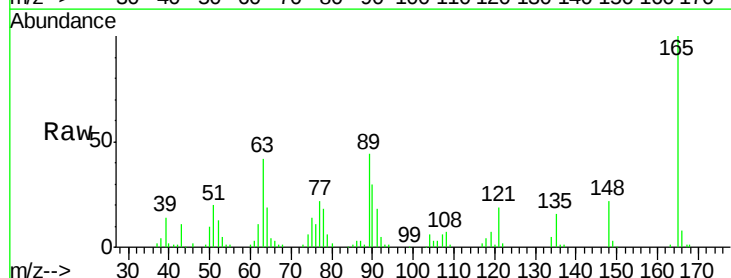
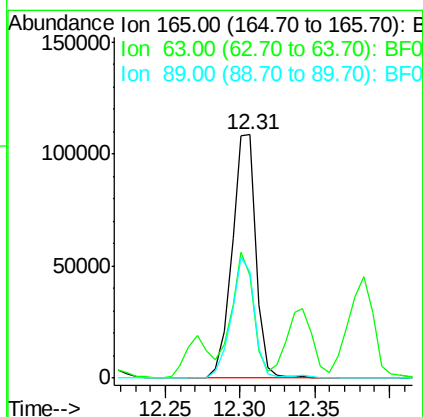
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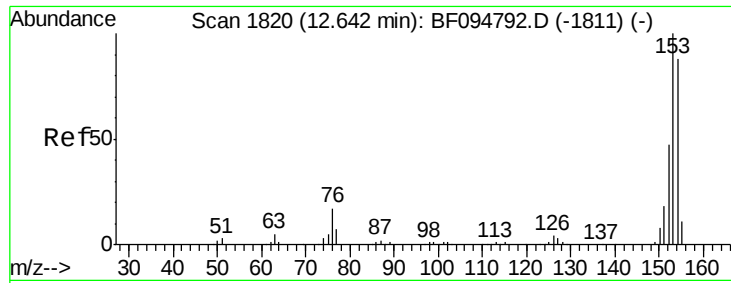
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.03 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122250		
63	42.3	34.3	51.5	
89	43.8	37.1	55.7	





#51

Acenaphthene

Concen: 40.89 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Instrument :

BNA_F

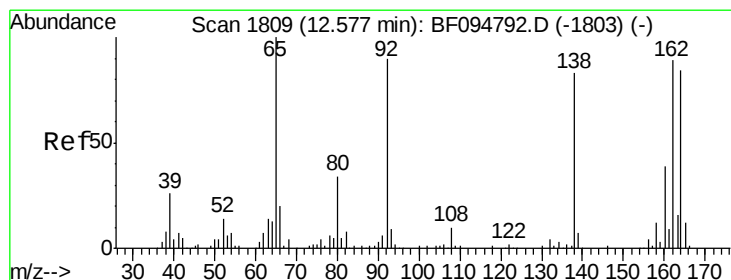
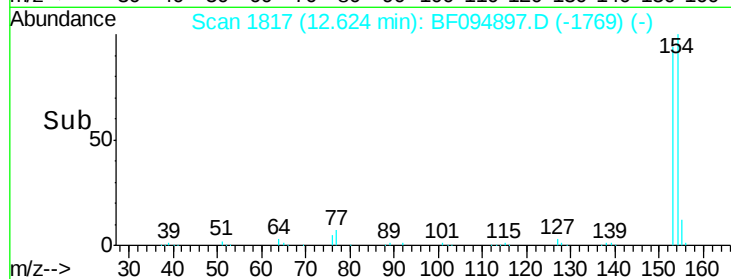
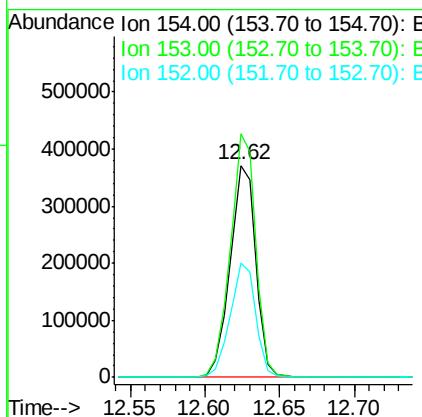
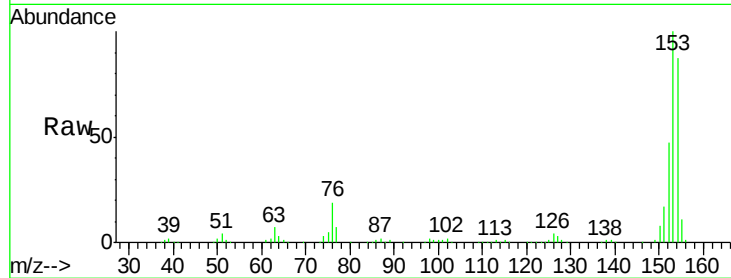
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	451669
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.5	135.7
152	53.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 42.91 ng

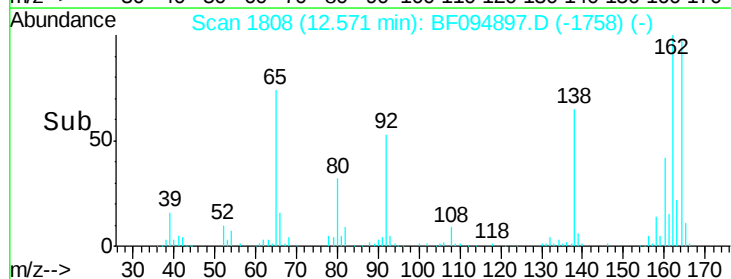
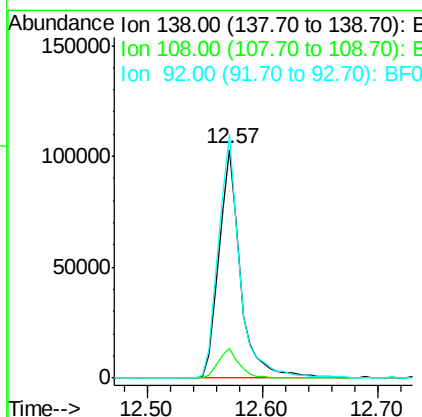
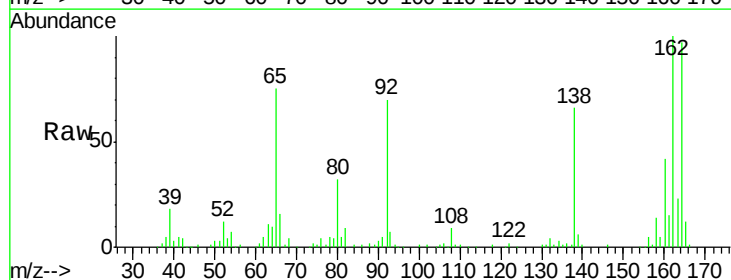
RT: 12.57 min Scan# 1808

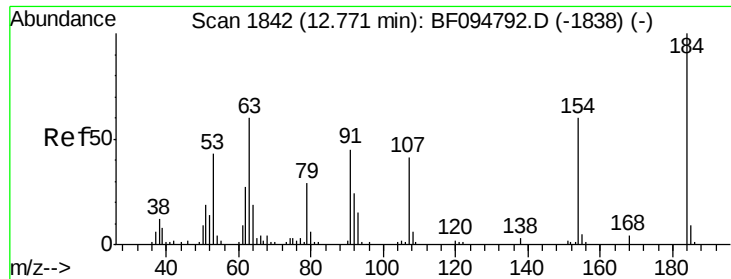
Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Tgt Ion:	138	Resp:	133973
Ion Ratio	Lower	Upper	
138	100		
108	13.2	9.1	13.7
92	106.7	93.8	140.6





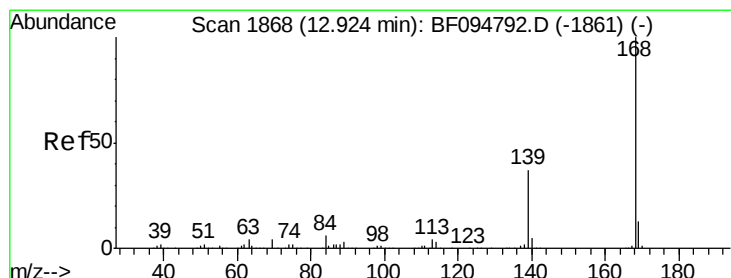
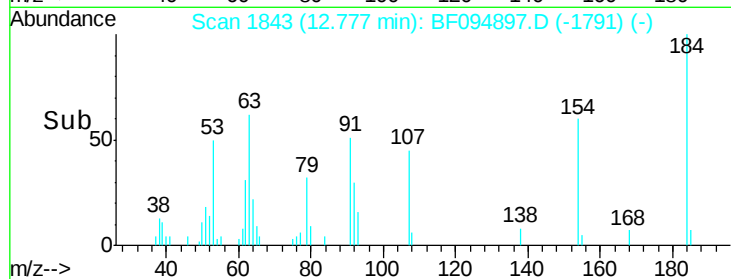
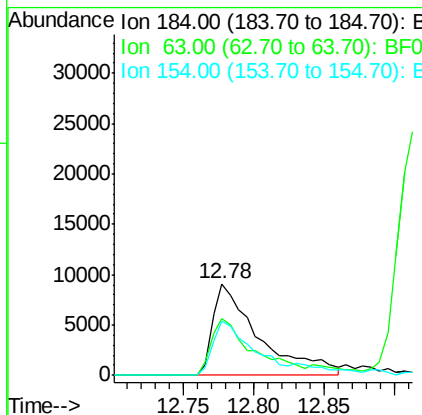
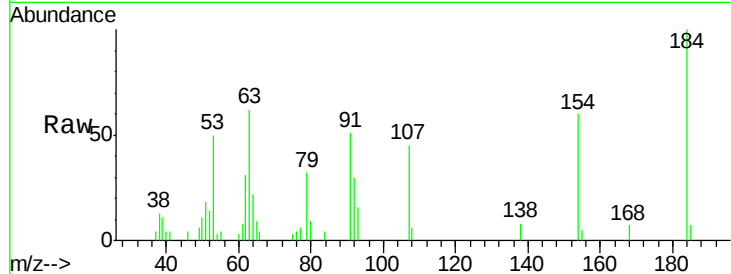
#53
2,4-Dinitrophenol
Concen: 18.13 ng
RT: 12.78 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 20655
Ion Ratio Lower Upper
184 100
63 61.9 62.7 94.1#
154 59.6 81.1 121.7#

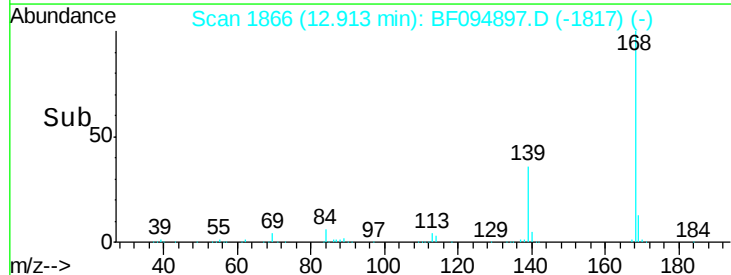
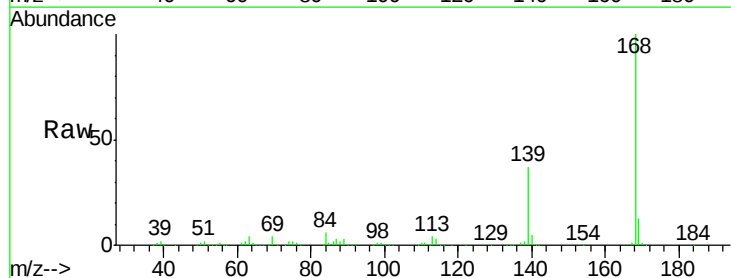
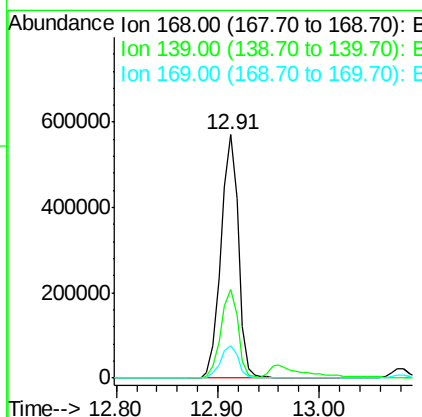
Manual Integrations
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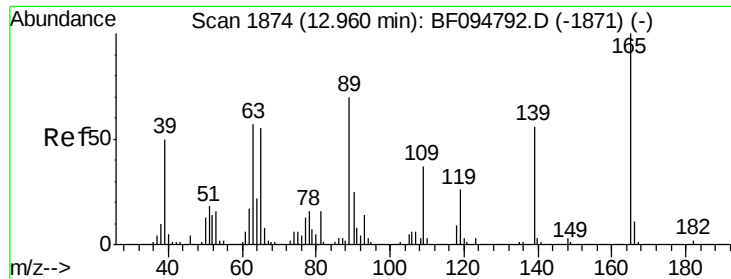
mohammad
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#54
Dibenzofuran
Concen: 44.68 ng
RT: 12.91 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion:168 Resp: 682998
Ion Ratio Lower Upper
168 100
139 36.6 30.6 45.8
169 13.5 10.8 16.2





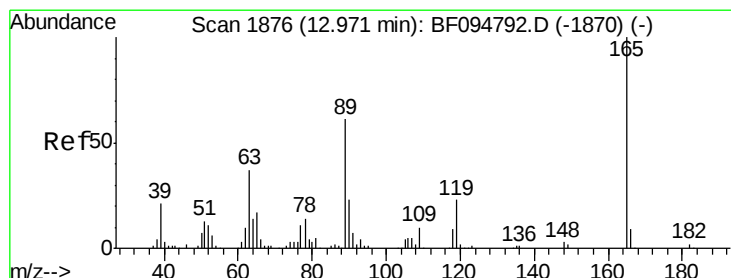
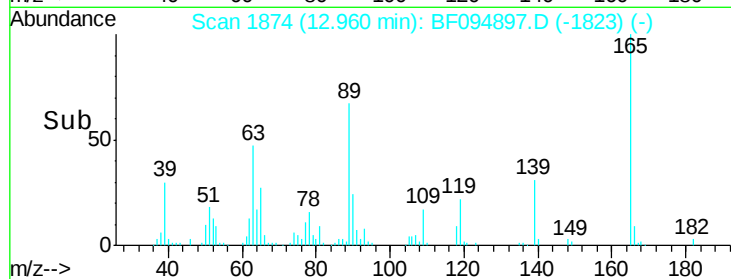
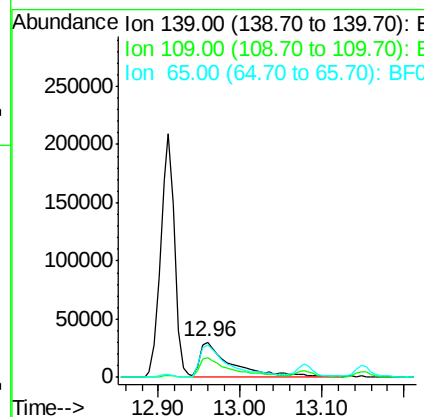
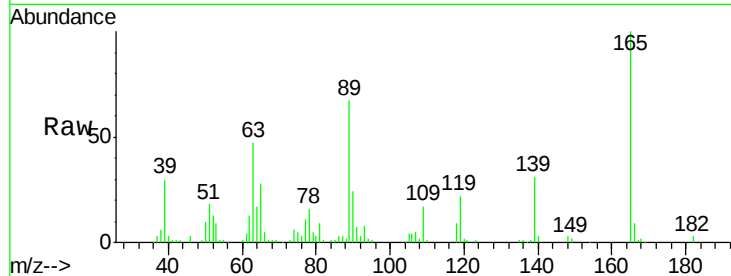
#55
4-Nitrophenol
Concen: 42.14 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79009		
109	55.7	34.1	74.1	
65	91.6	31.4	71.4	

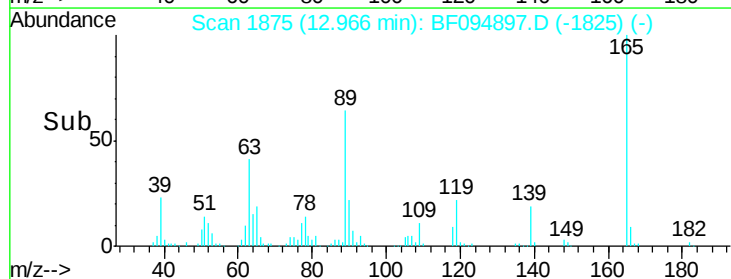
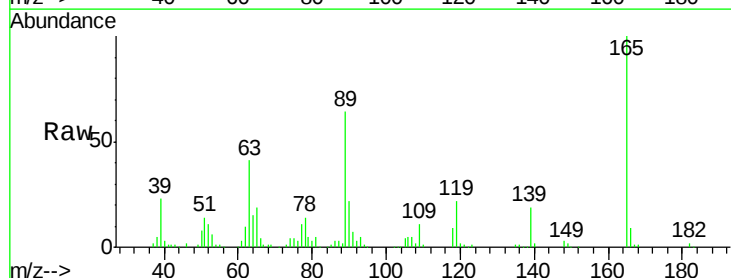
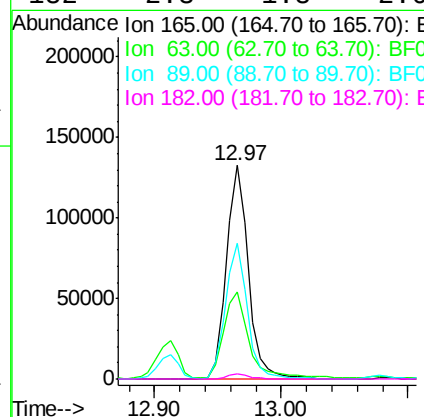
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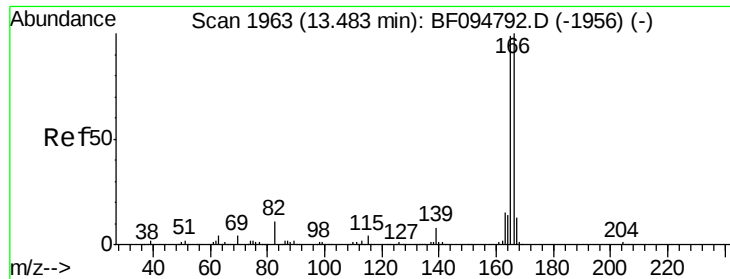
mohammad
5/5/2017 5:23:39 PM



#56
2,4-Dinitrotoluene
Concen: 42.75 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159800		
63	40.9	25.4	38.0	
89	63.6	46.4	69.6	
182	2.3	1.8	2.6	





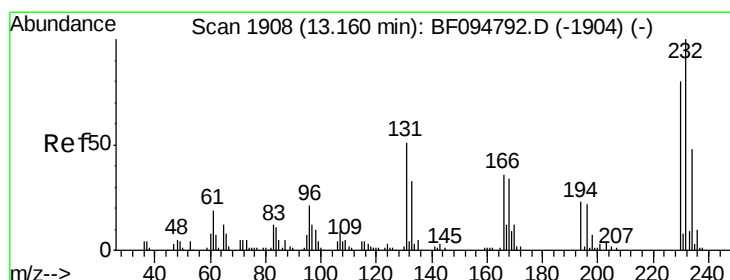
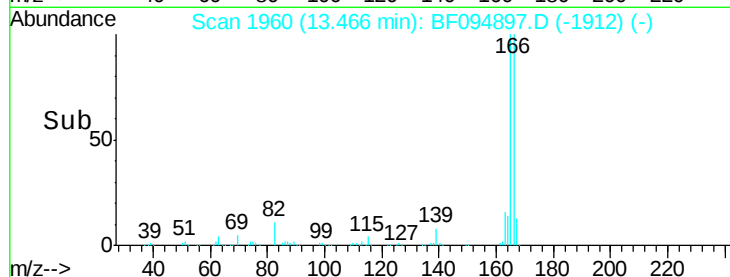
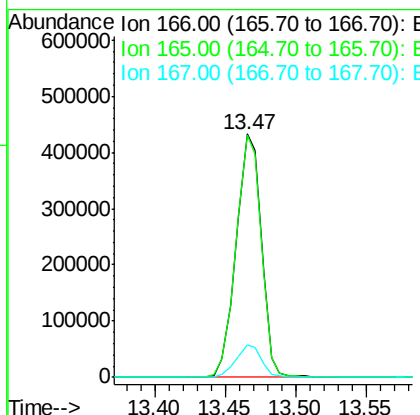
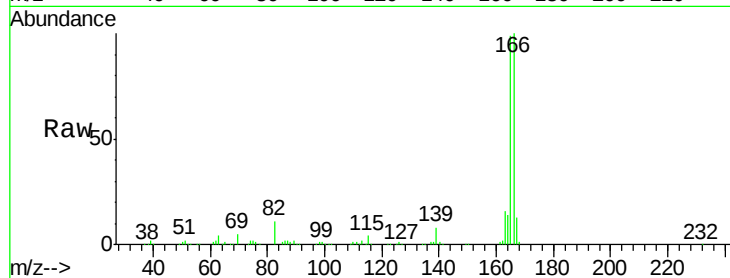
#57
 Fluorene
 Concen: 40.49 ng
 RT: 13.47 min Scan# 1960
 Delta R.T. -0.02 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	538185		
165	99.4	78.8	118.2	
167	13.3	10.6	16.0	

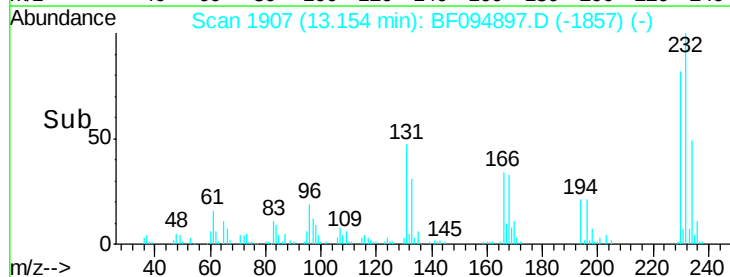
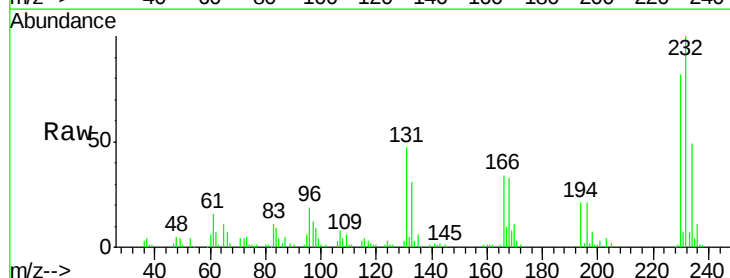
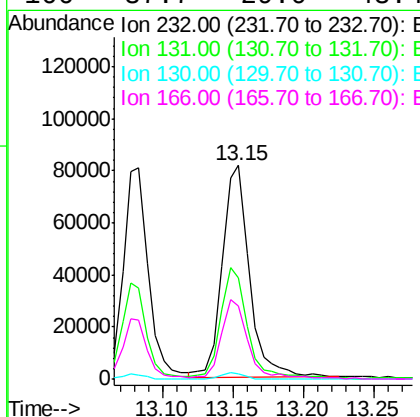
Manual Integrations
 APPROVED

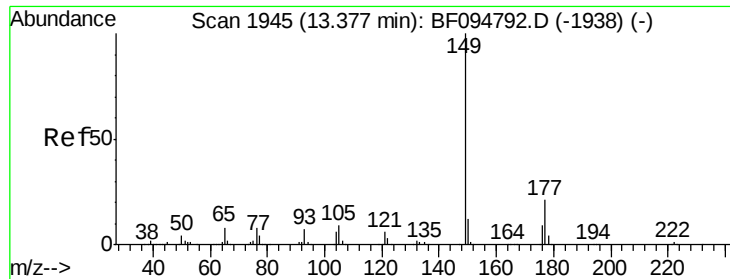
mohammad
 5/5/2017 5:23:39 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.18 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	108989		
131	53.0	44.8	67.2	
130	2.3	2.3	3.5	
166	37.7	29.0	43.4	





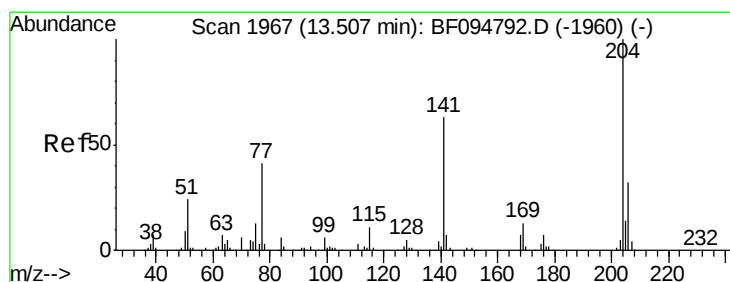
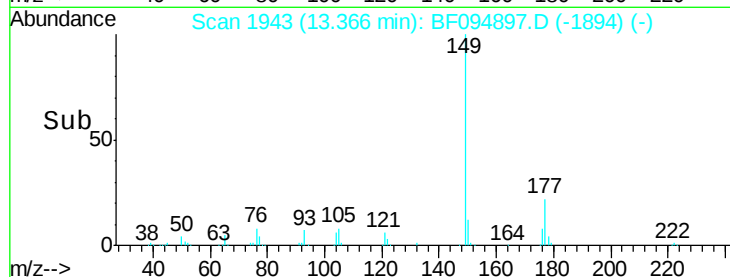
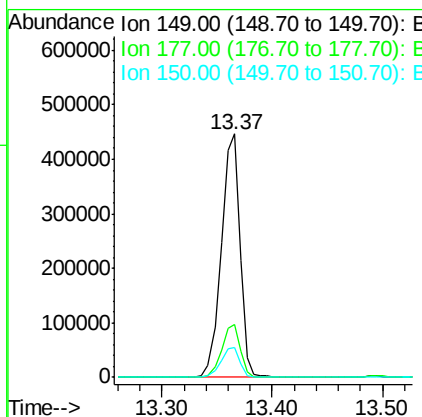
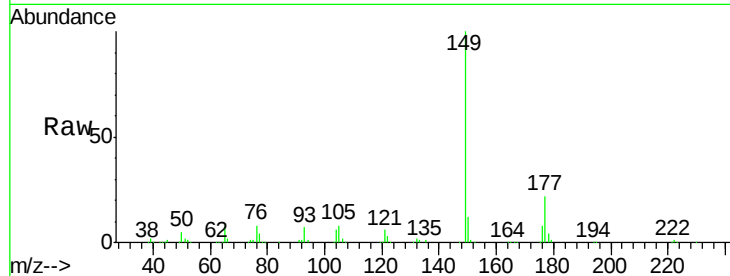
#59
Diethylphthalate
Concen: 38.79 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.2	10.2	15.2

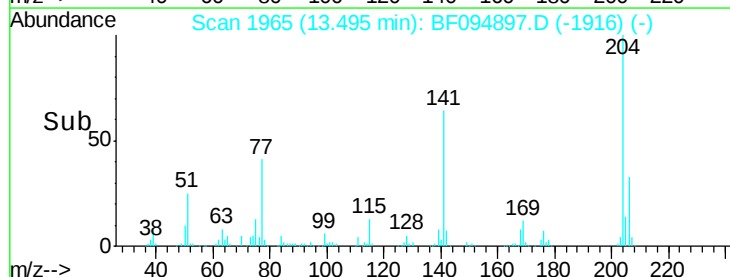
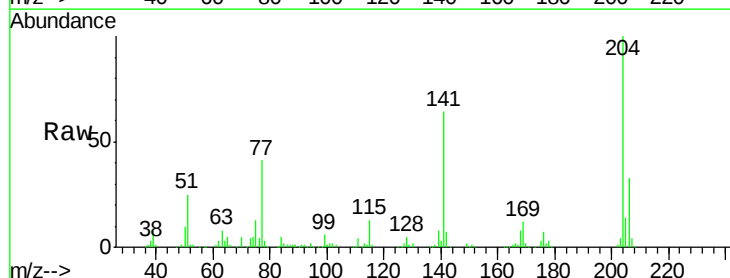
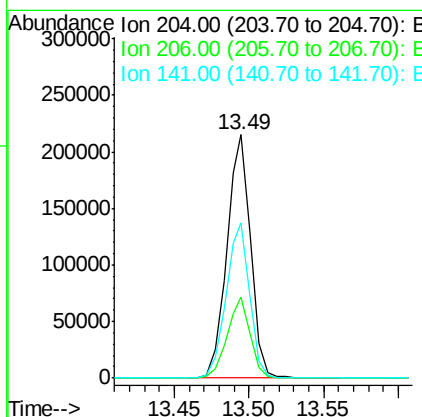
Manual Integrations
APPROVED

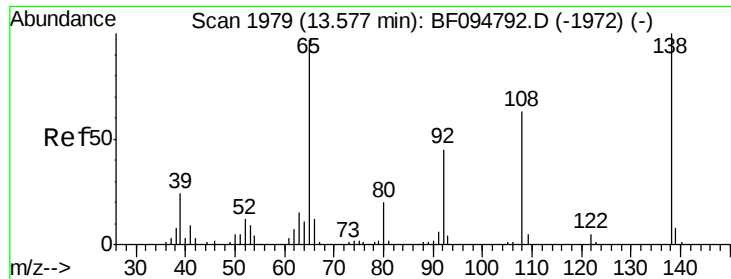
mohammad
5/5/2017 5:23:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.14 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	63.6	60.8	91.2





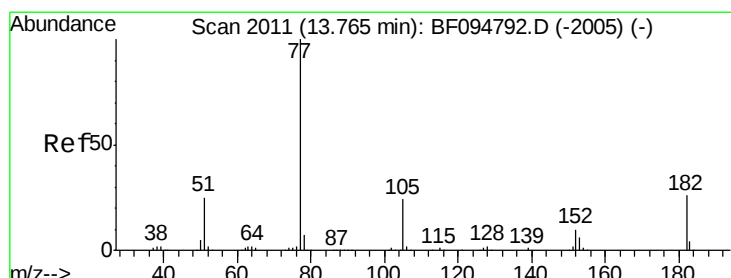
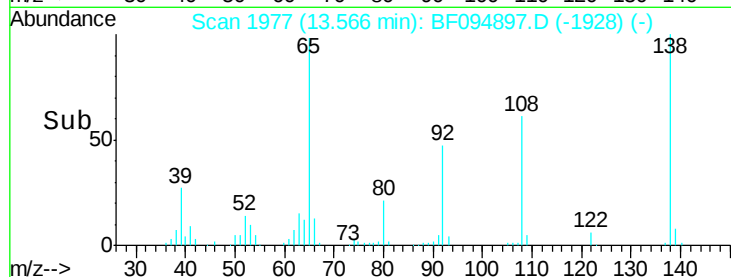
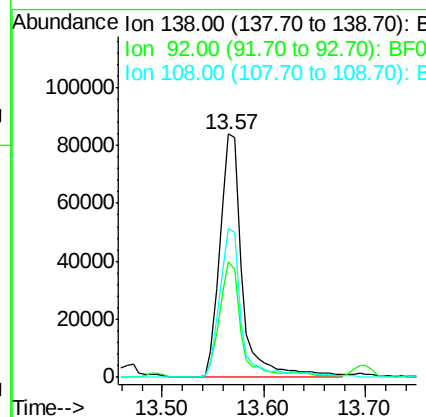
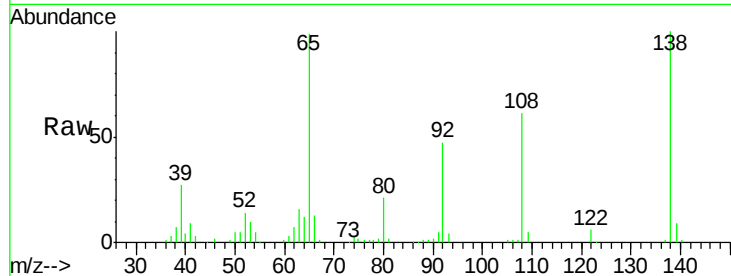
#61
4-Nitroaniline
Concen: 45.27 ng
RT: 13.57 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	21.8	61.8
108	61.1	42.3	82.3

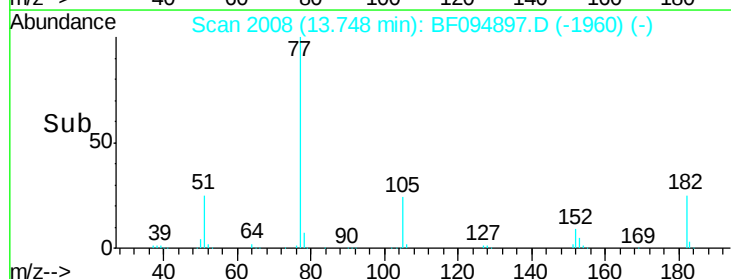
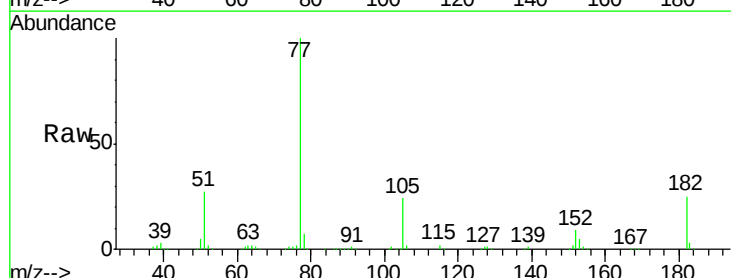
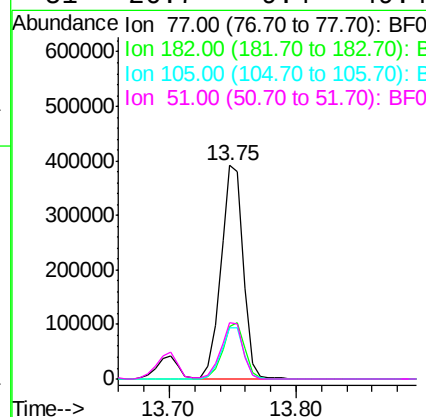
Manual Integrations
APPROVED

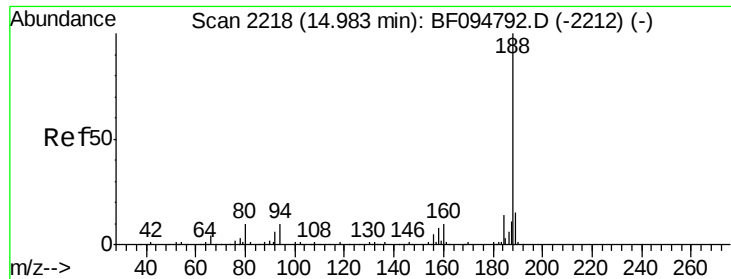
mohammad
5/5/2017 5:23:39 PM



#62
Azobenzene
Concen: 43.43 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	0.1	40.1
105	23.7	3.6	43.6
51	26.7	9.4	49.4





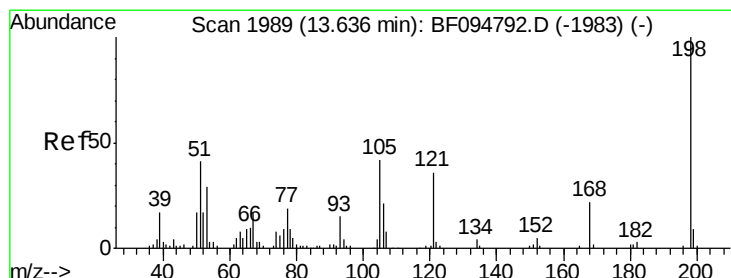
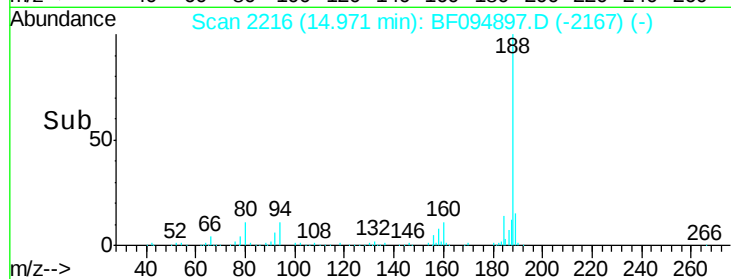
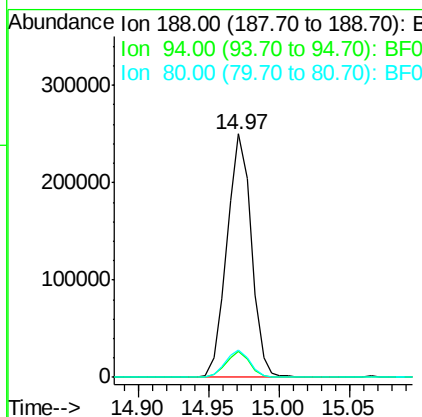
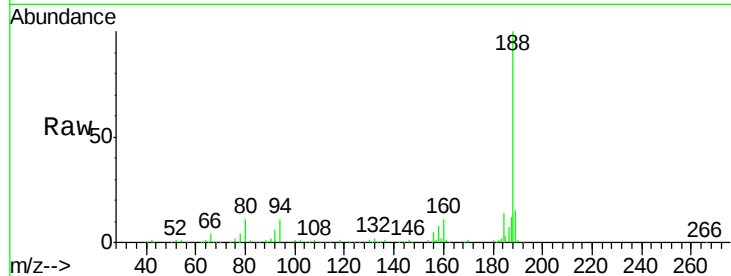
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	9.4	14.2
80	11.4	10.2	15.2

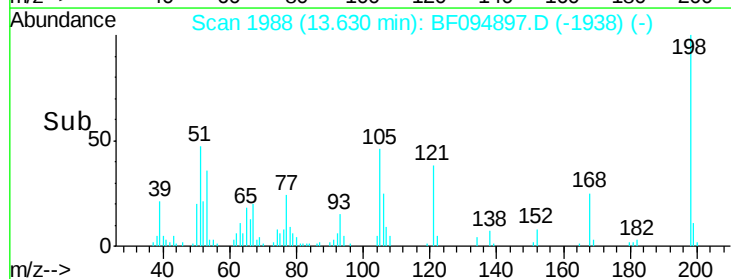
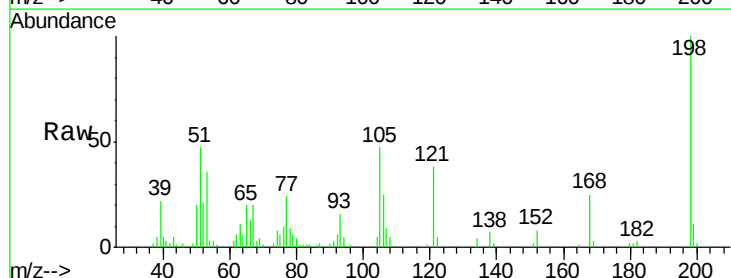
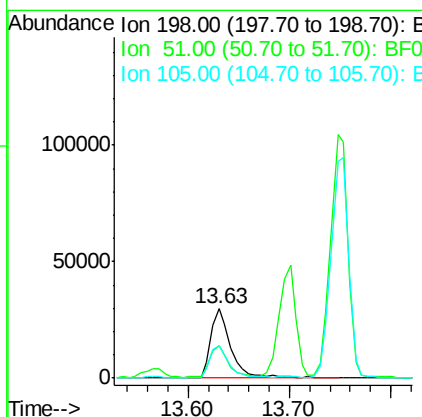
Manual Integrations
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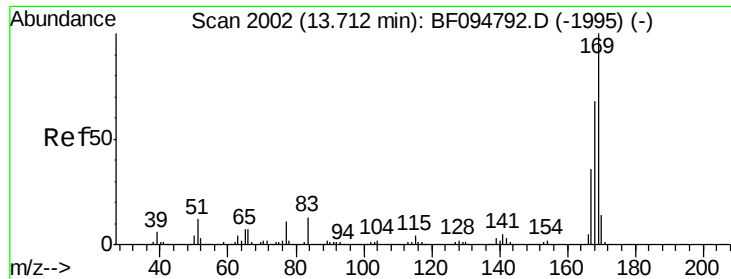
mohammad
5/5/2017 5:23:39 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.34 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	46.6	53.2	93.2#
105	47.0	45.8	85.8





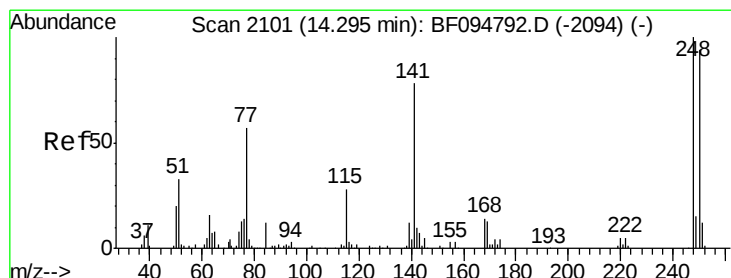
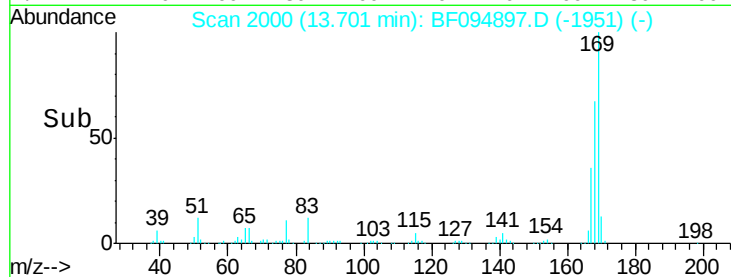
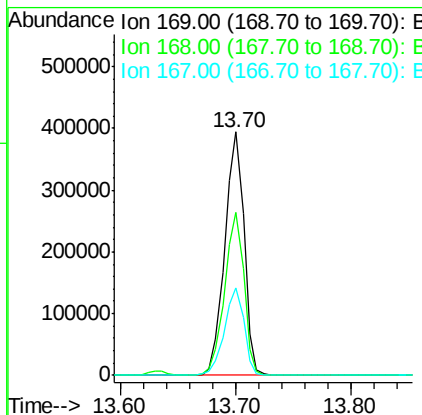
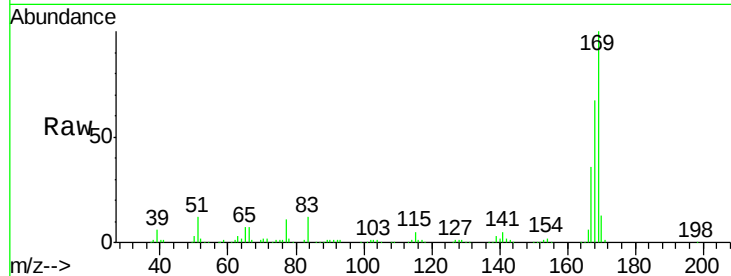
#65
n-Nitrosodiphenylamine
Concen: 41.67 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	457475		
168	67.0	53.2	79.8	
167	35.8	29.5	44.3	

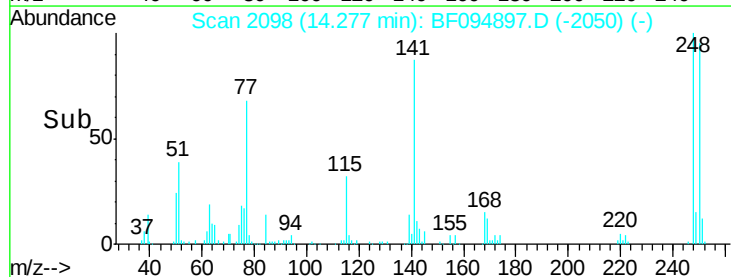
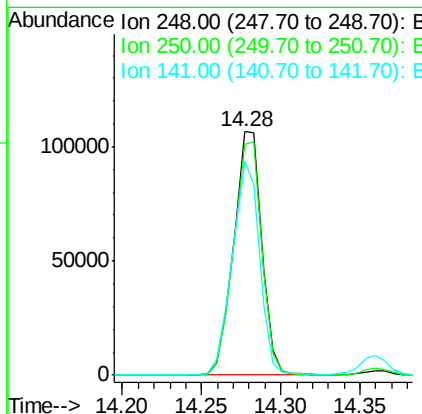
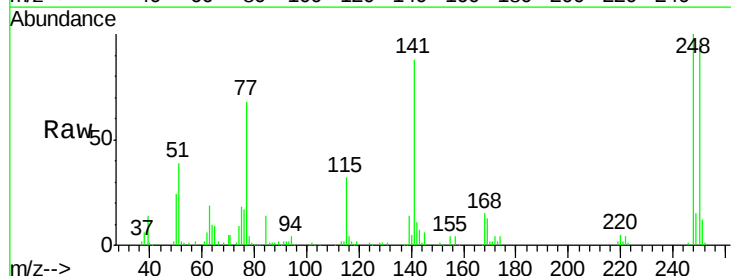
Manual Integrations
APPROVED

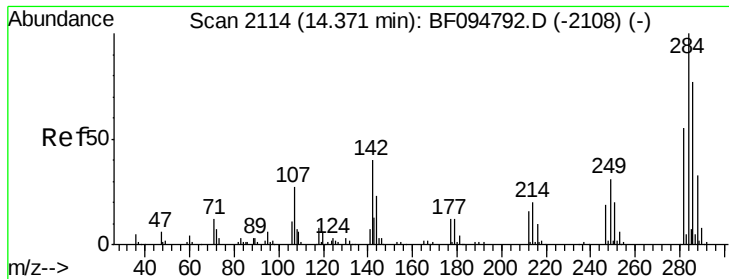
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 41.03 ng
RT: 14.28 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	131117		
250	94.7	76.8	115.2	
141	87.9	68.6	103.0	





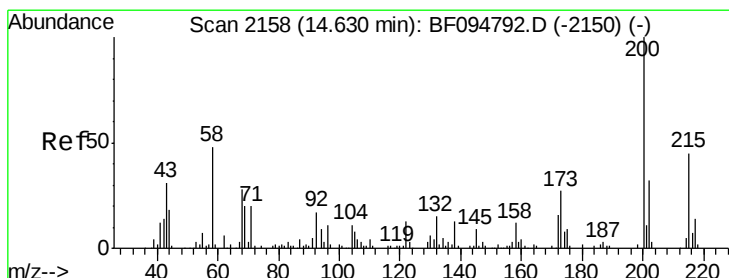
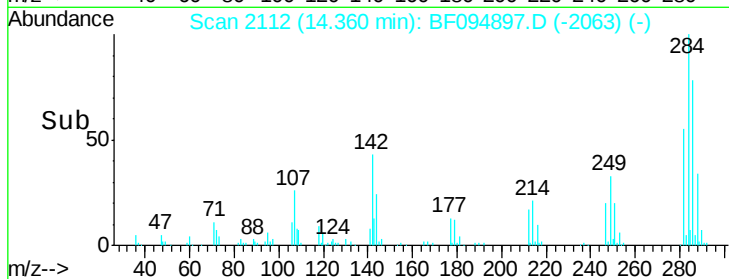
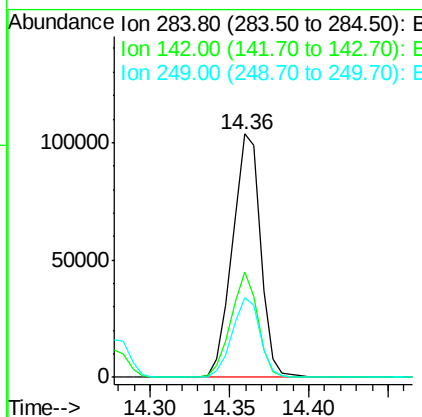
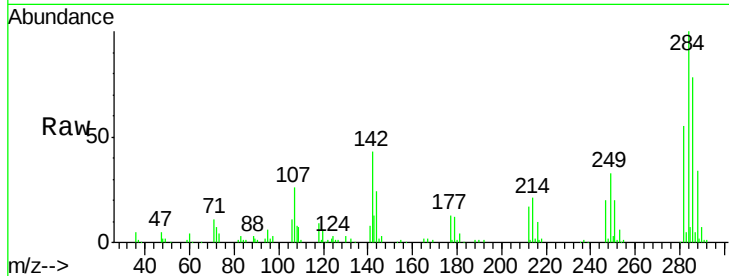
#67
Hexachlorobenzene
Concen: 38.89 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	127376		
142	43.0	22.8	34.2	#
249	32.5	24.0	36.0	

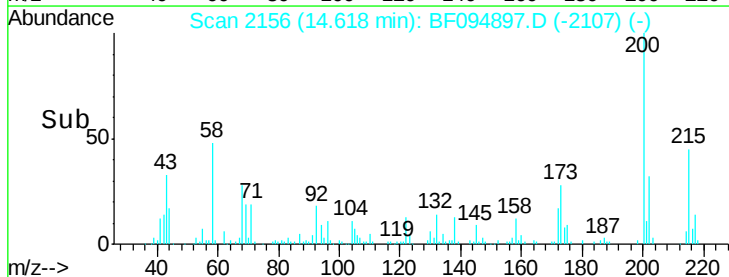
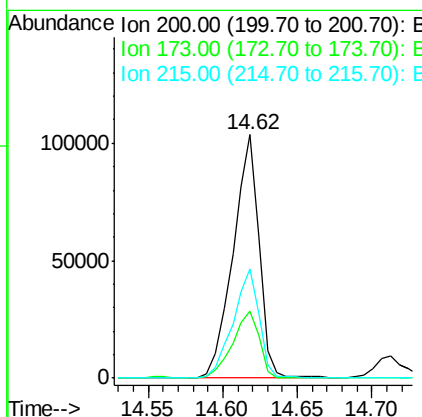
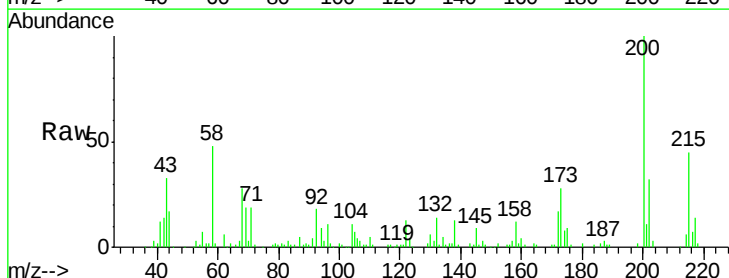
Manual Integrations
APPROVED

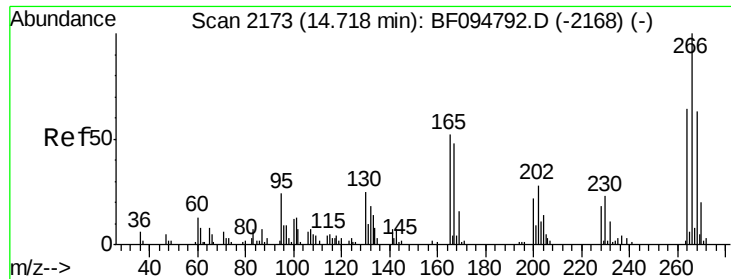
mohammad
5/5/2017 5:23:39 PM



#68
Atrazine
Concen: 40.77 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	126383		
173	27.6	6.3	46.3	
215	45.0	27.2	67.2	





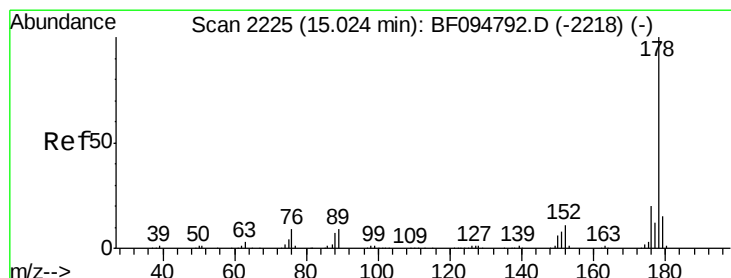
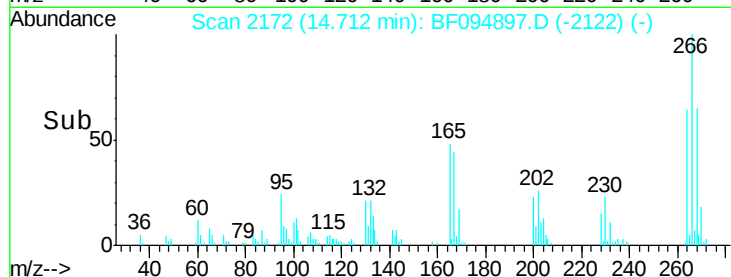
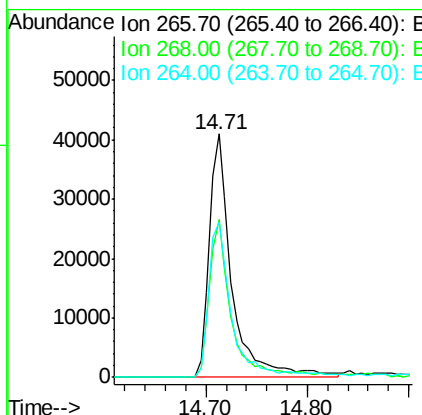
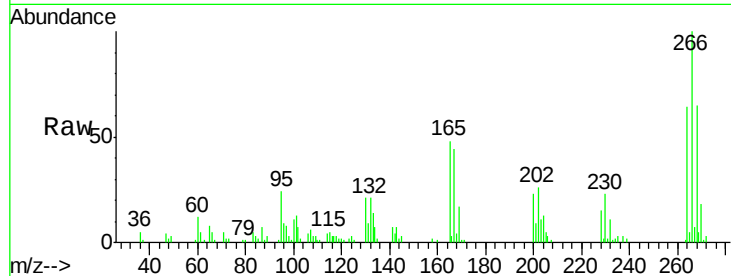
#69
 Pentachlorophenol
 Concen: 45.62 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	63522		
268	64.8	51.1	76.7	
264	64.0	51.7	77.5	

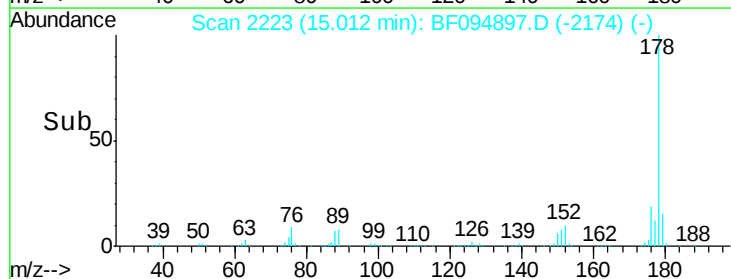
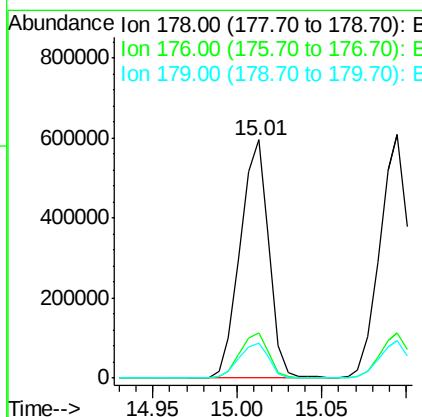
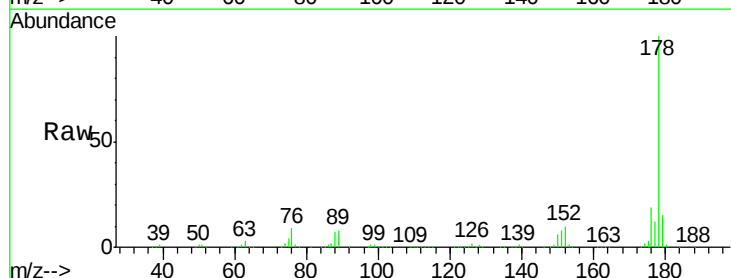
Manual Integrations
 APPROVED

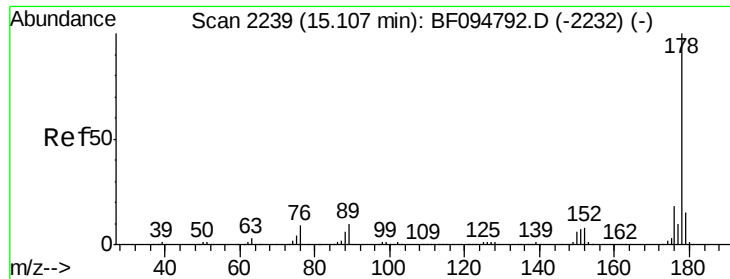
mohammad
 5/5/2017 5:23:39 PM



#70
 Phenanthrene
 Concen: 40.74 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	708008		
176	18.9	16.2	24.4	
179	15.0	12.6	19.0	





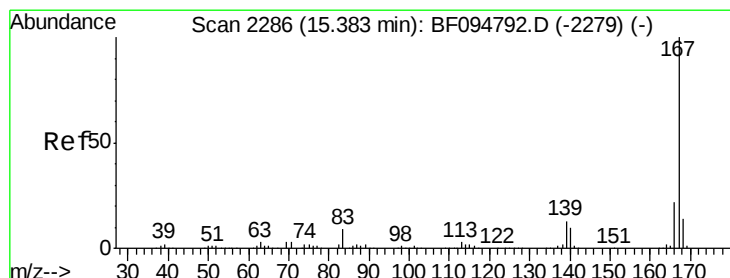
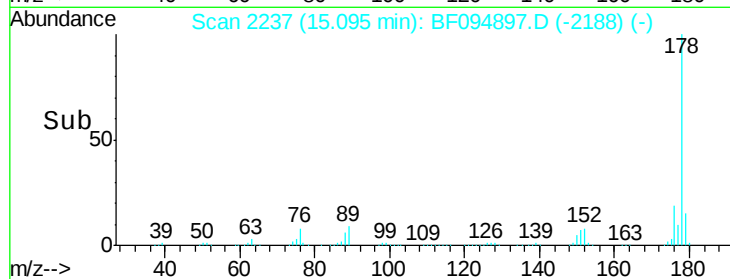
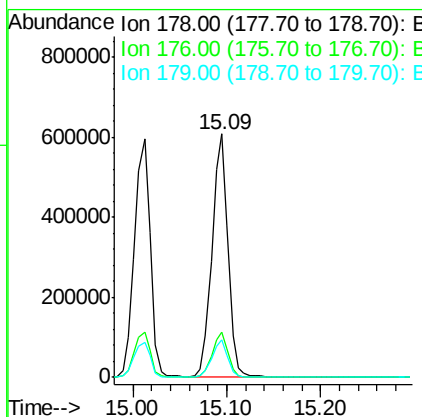
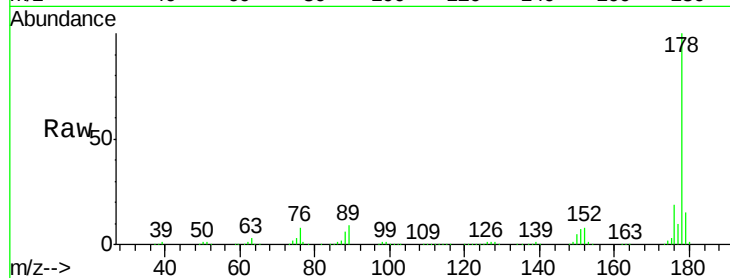
#71
 Anthracene
 Concen: 41.36 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.2	12.7	19.1

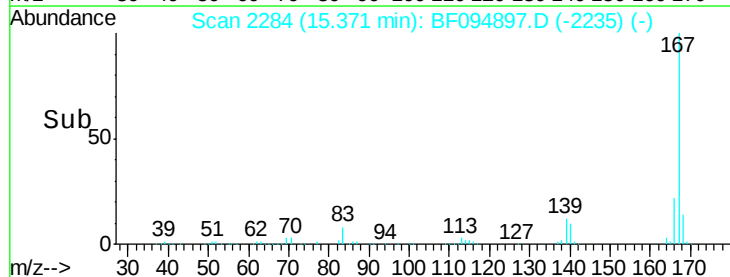
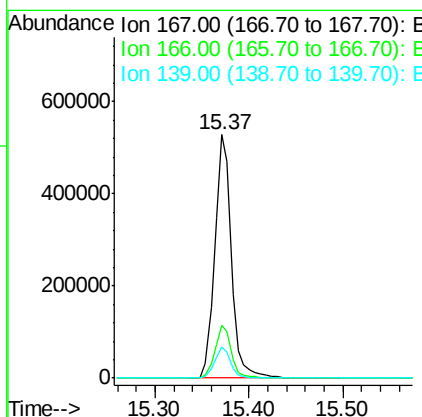
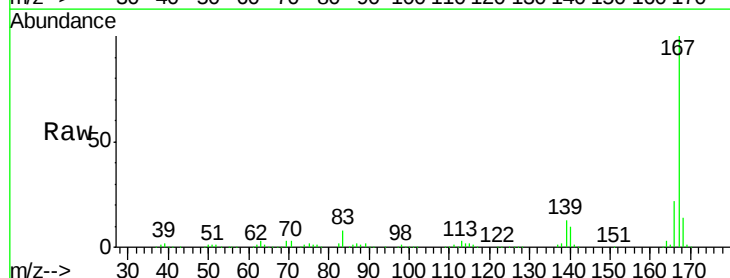
Manual Integrations
 APPROVED

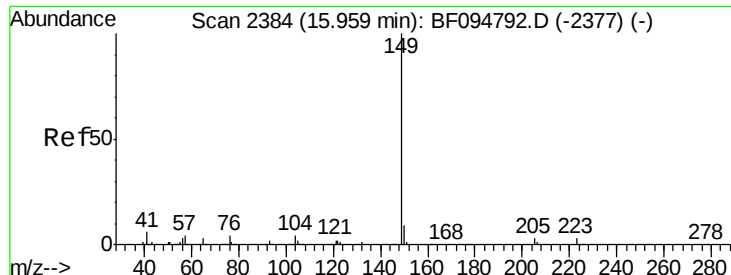
mohammad
 5/5/2017 5:23:39 PM



#72
 Carbazole
 Concen: 40.96 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.8	11.7	17.5





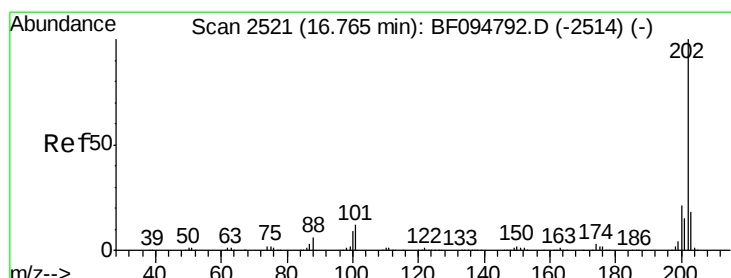
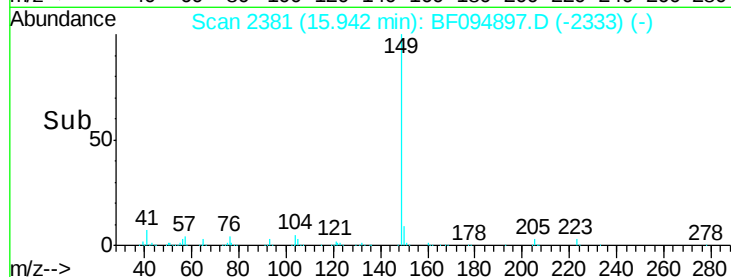
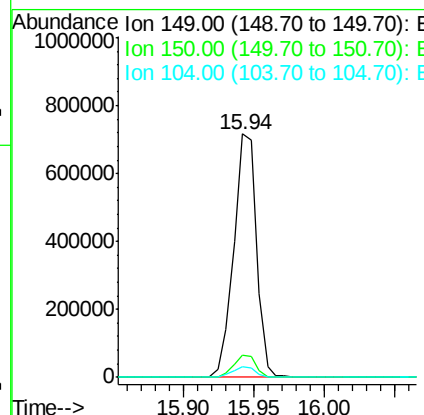
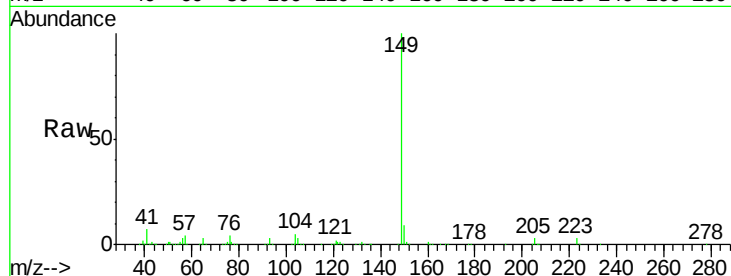
#73
Di-n-butylphthalate
Concen: 40.02 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	806188		
150	9.3	7.7	11.5	
104	4.5	4.0	6.0	

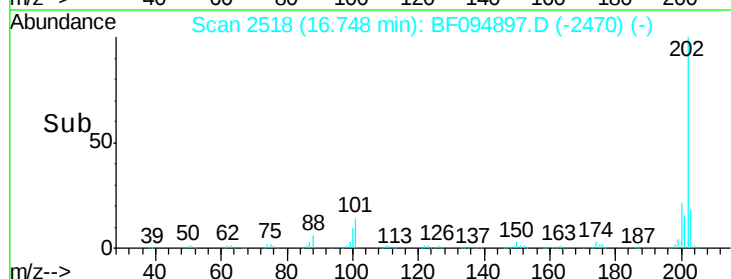
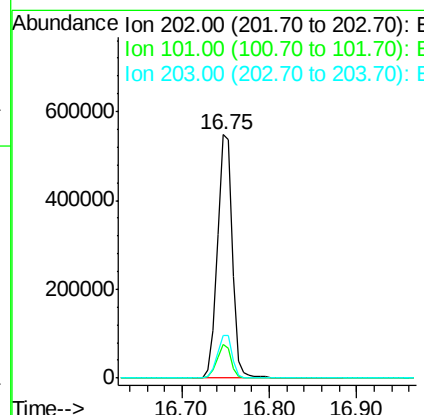
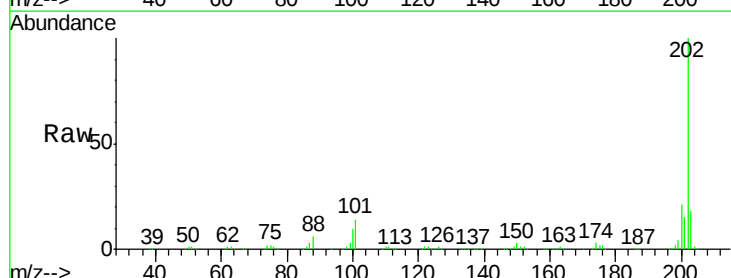
Manual Integrations
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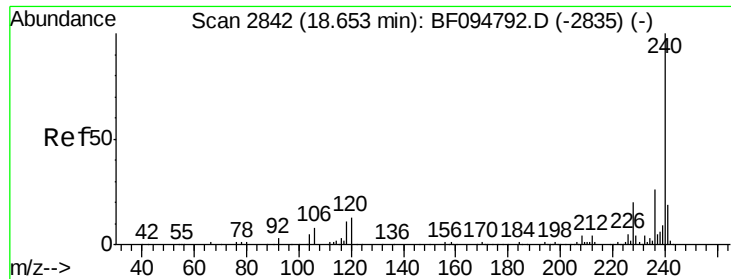
mohammad
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#74
Fluoranthene
Concen: 36.59 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	652253		
101	13.9	0.0	33.2	
203	17.7	0.0	38.1	





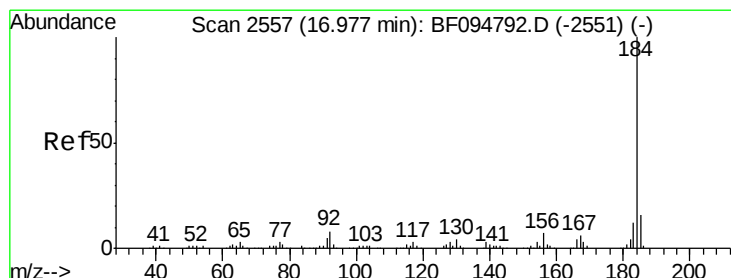
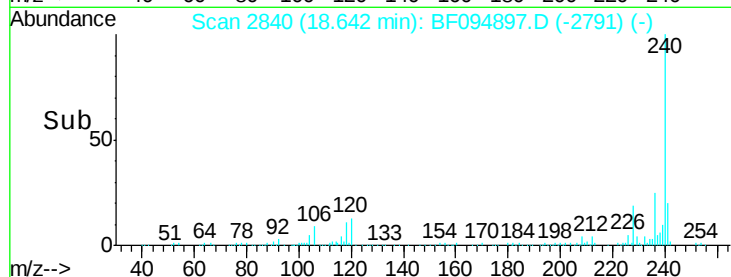
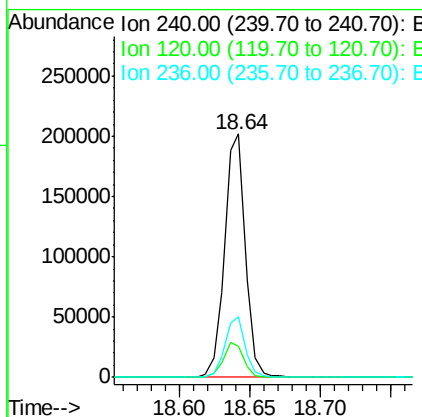
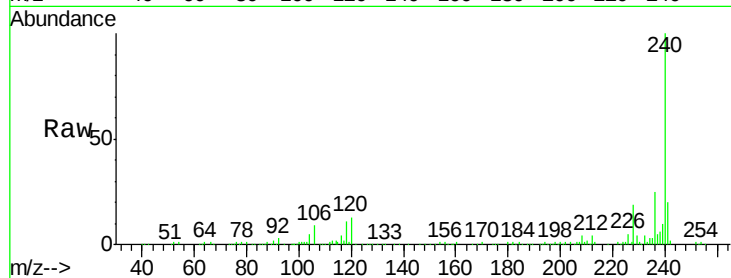
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	206230		
120	12.6	5.8	8.8#	
236	25.1	20.5	30.7	

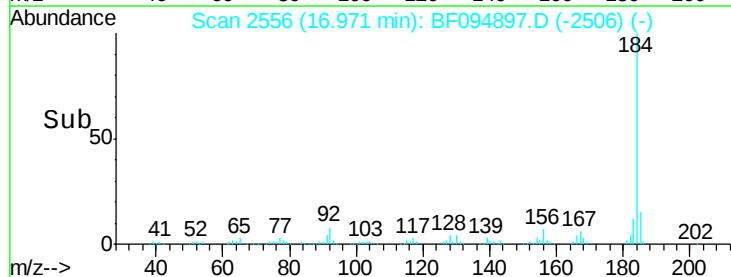
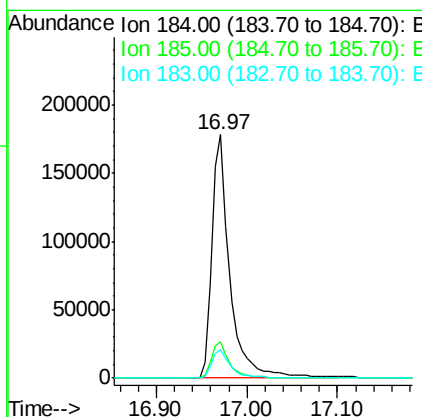
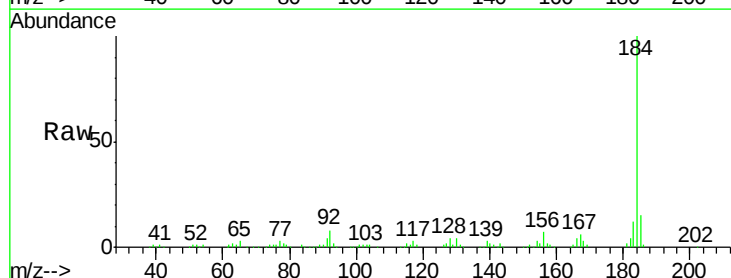
Manual Integrations
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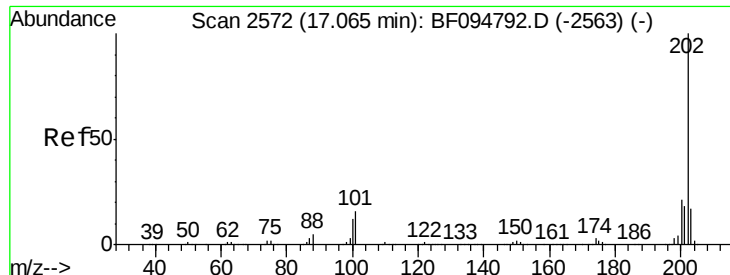
mohammad
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#76
 Benzidine
 Concen: 44.79 ng
 RT: 16.97 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	246940		
185	15.1	15.5	23.3#	
183	12.0	9.8	14.6	





#77

Pyrene

Concen: 41.80 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Instrument :

BNA_F

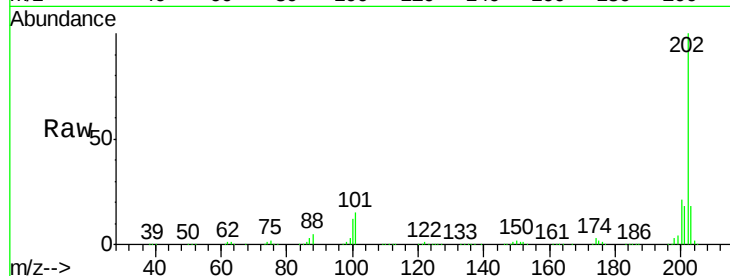
ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	644657
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.6	26.4
203	17.6	14.4	21.6

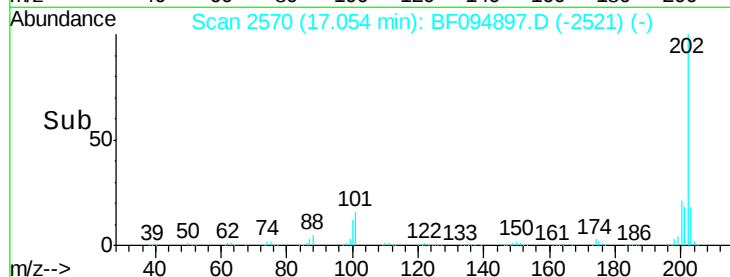
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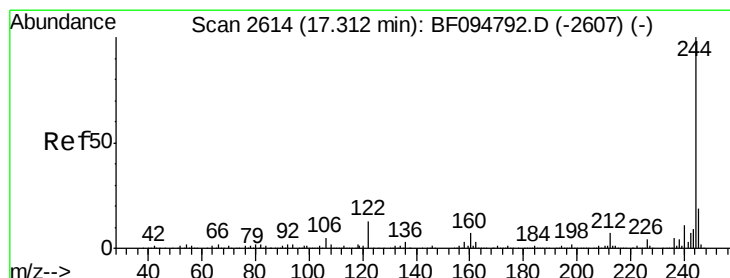


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

17.05



Time-->



#78

Terphenyl-d14

Concen: 78.90 ng

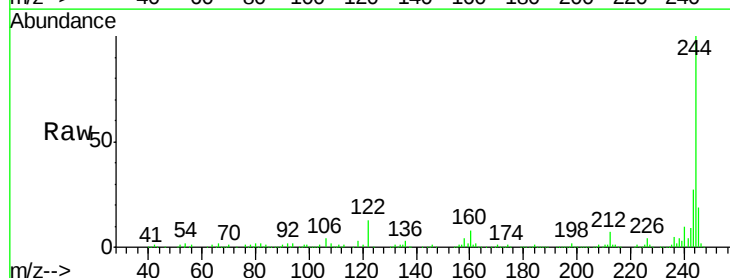
RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094897.D

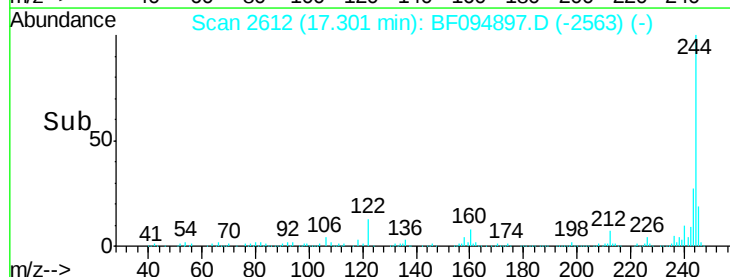
Acq: 5 May 2017 4:08

Tgt Ion:	244	Resp:	738732
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	12.6	10.3	15.5

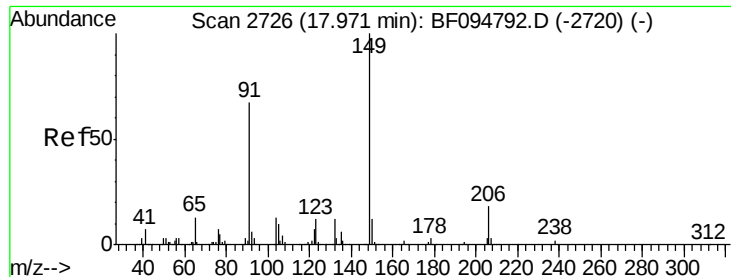


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

17.30



Time-->



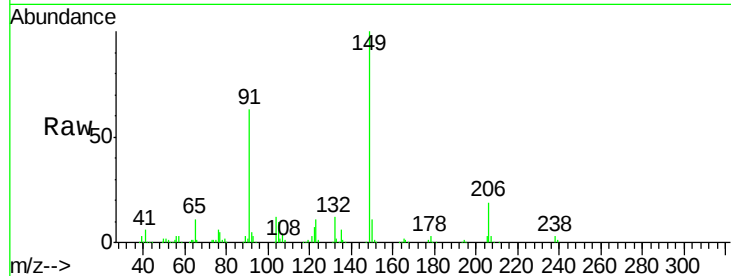
#79
Butylbenzylphthalate
Concen: 41.31 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

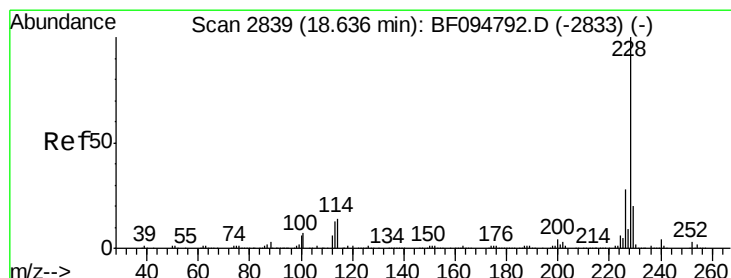
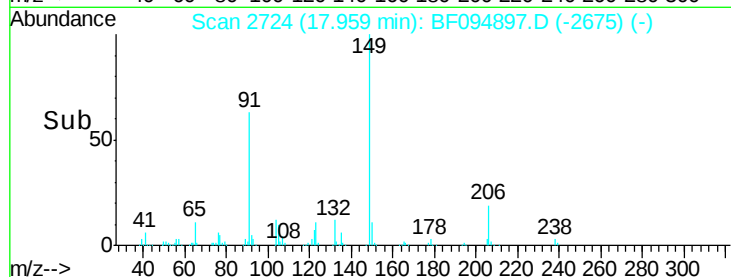
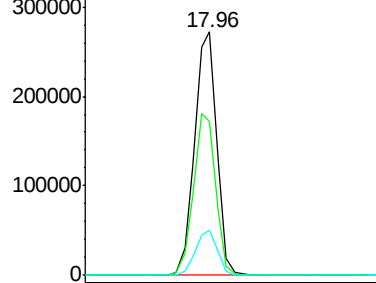
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.1	45.0	67.4
206	18.7	17.0	25.6

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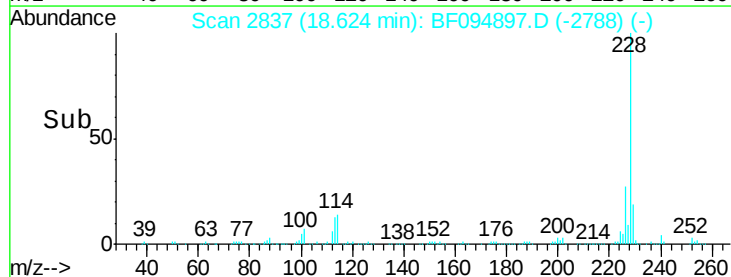
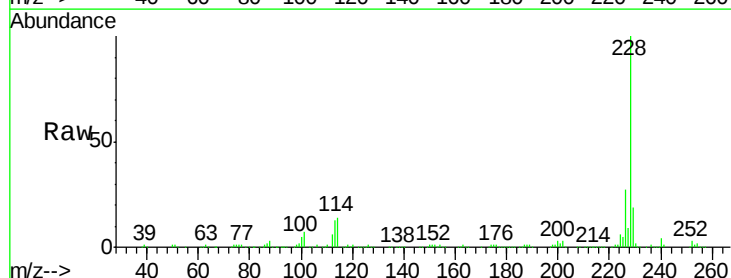
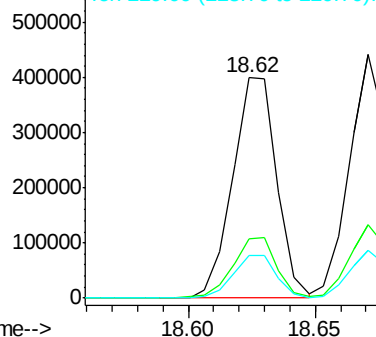
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

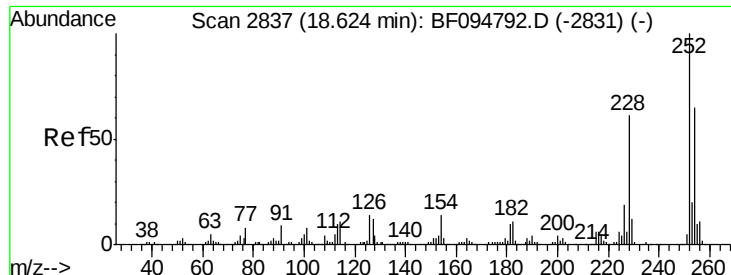


#80
Benzo(a)anthracene
Concen: 40.42 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.0	22.6	33.8
229	19.3	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





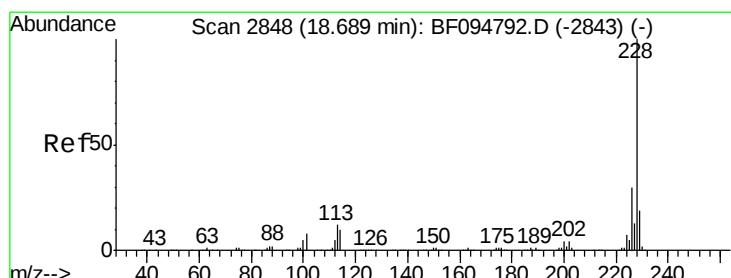
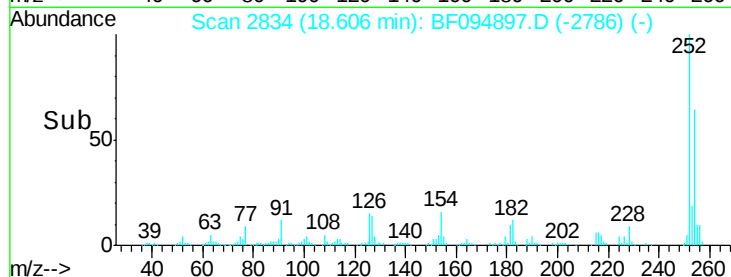
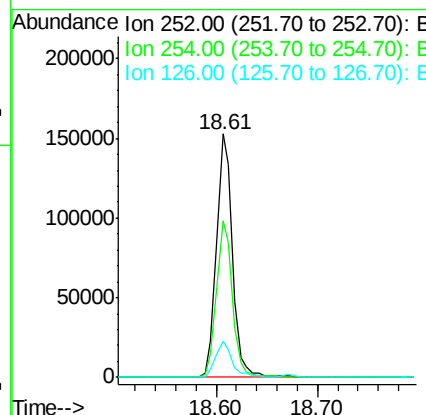
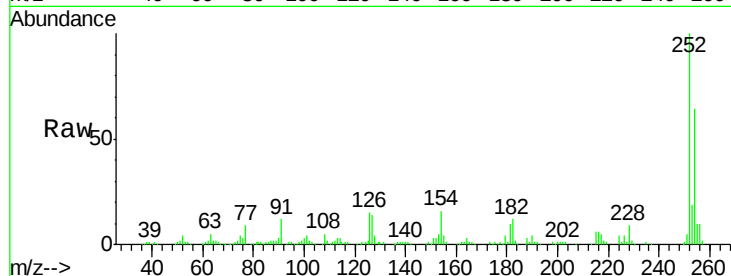
#81
 3,3'-Dichlorobenzidine
 Concen: 40.76 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	51.5	77.3
126	15.1	15.8	23.8

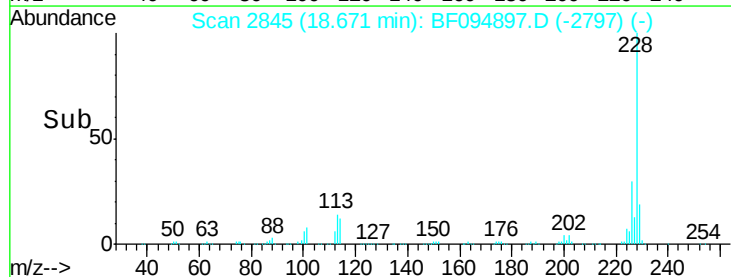
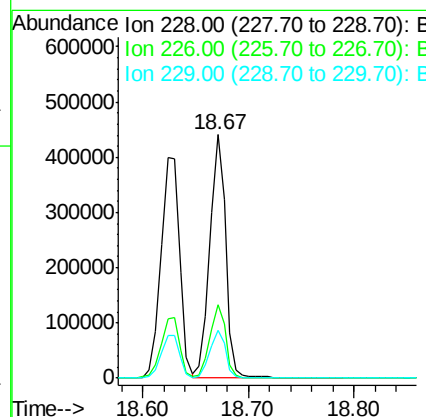
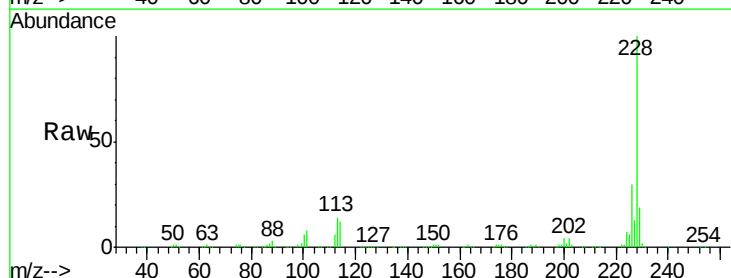
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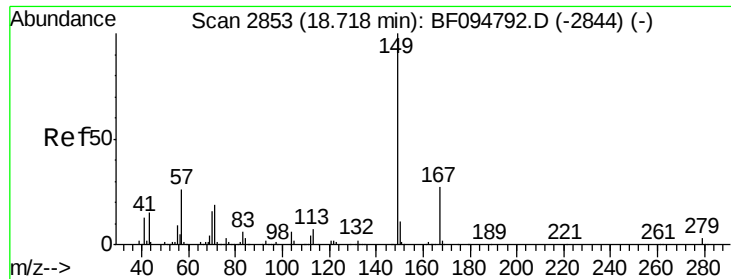
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#82
 Chrysene
 Concen: 39.91 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.9	37.3
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.86 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 417646

Ion Ratio Lower Upper

149 100

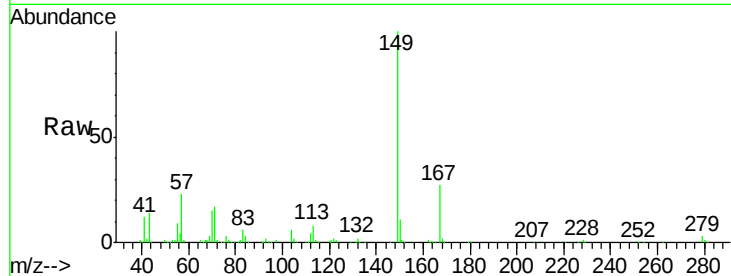
167 26.8 21.0 31.4

279 3.1 1.9 2.9#

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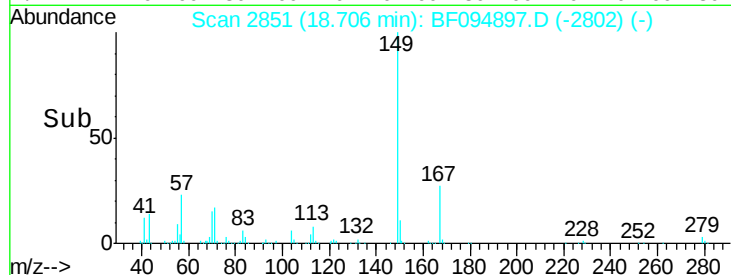


Abundance Ion 149.00 (148.70 to 149.70): E

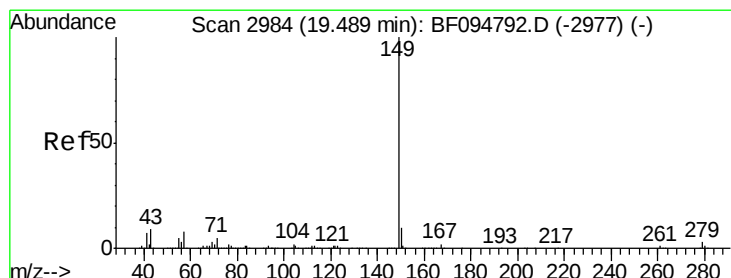
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#84

Di-n-octyl phthalate

Concen: 40.71 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094897.D

Acq: 5 May 2017 4:08

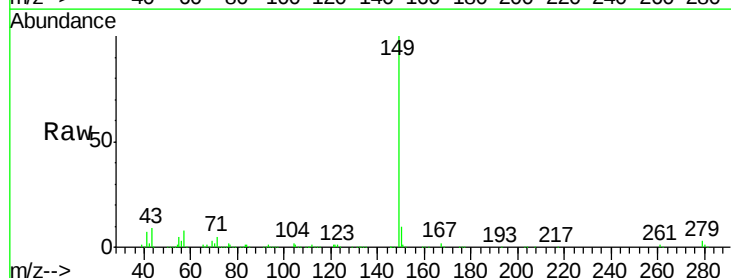
Tgt Ion:149 Resp: 682166

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.8 8.5 12.7

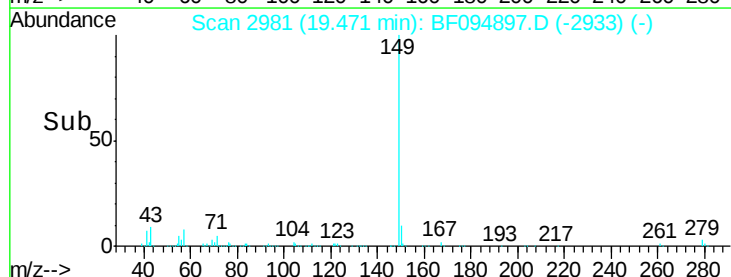


Abundance Ion 149.00 (148.70 to 149.70): E

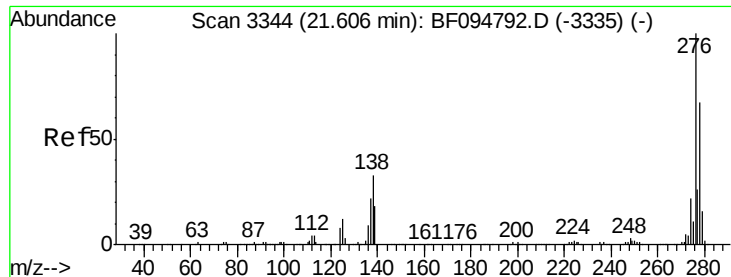
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time-->



Time-->



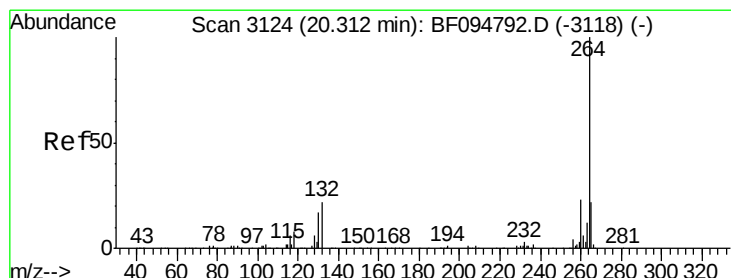
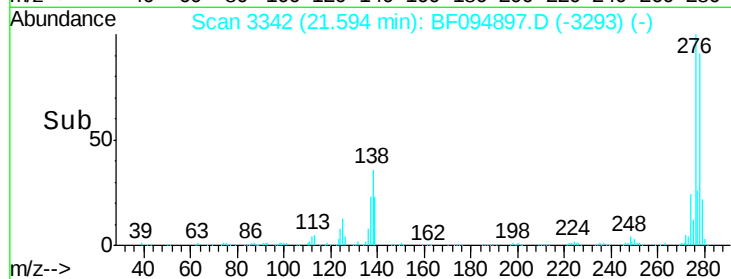
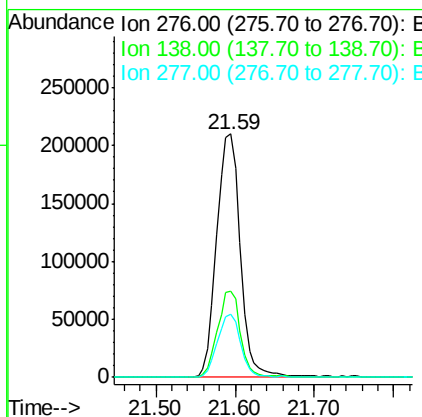
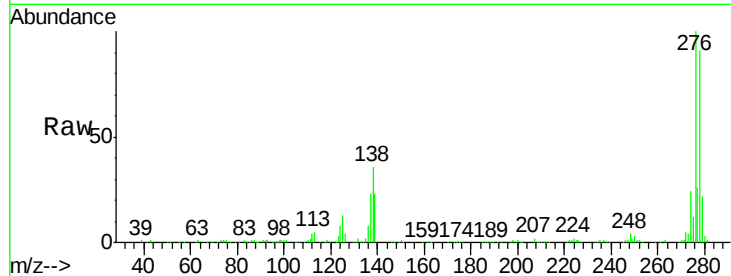
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.38 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.4	20.2	30.4

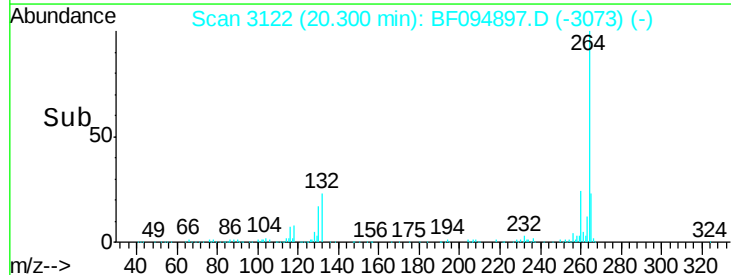
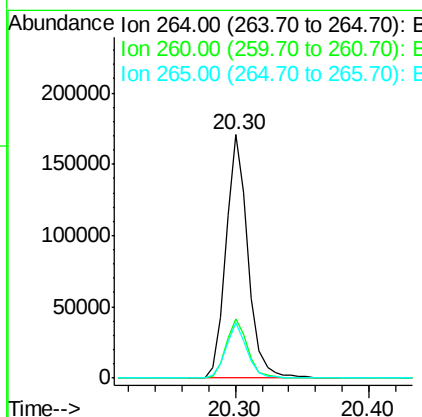
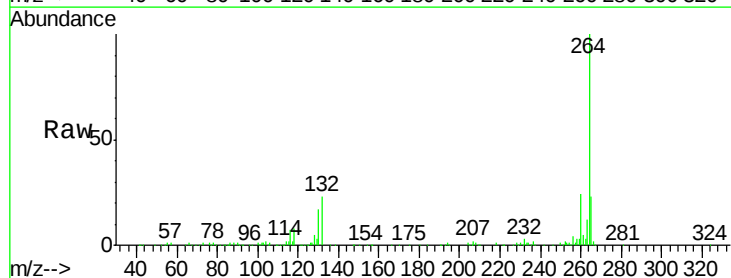
Manual Integrations
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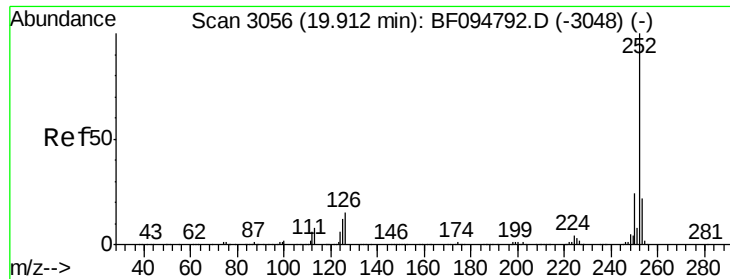
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094897.D
 Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.6	17.2	25.8





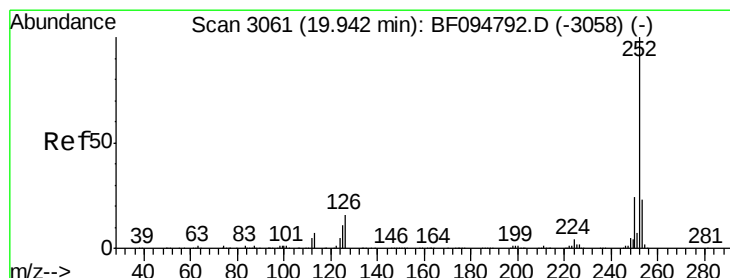
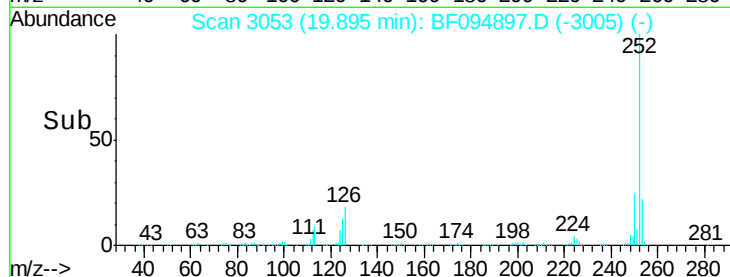
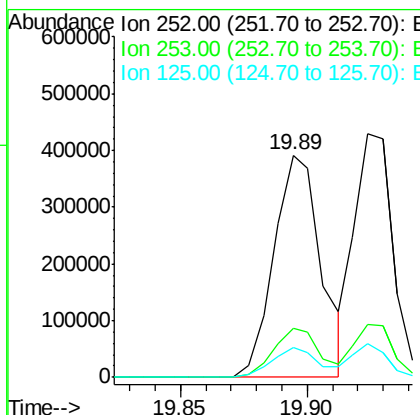
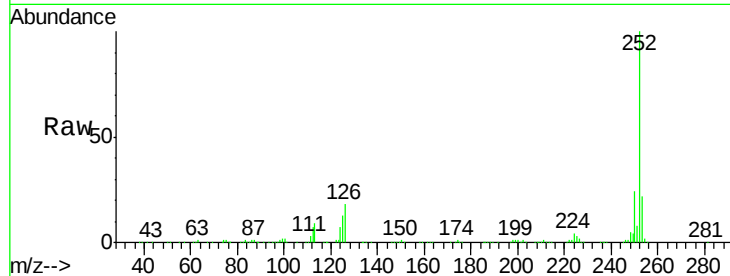
#87
Benzo(b)fluoranthene
Concen: 41.65 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	18.1	27.1
125	13.4	9.8	14.8

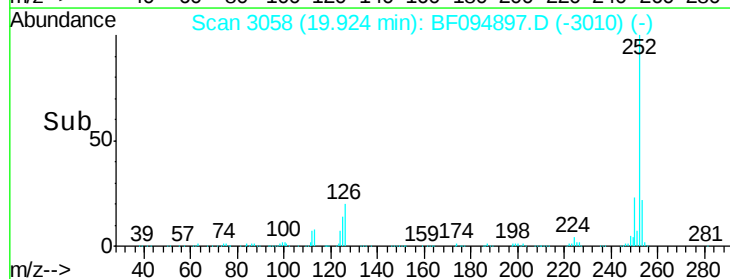
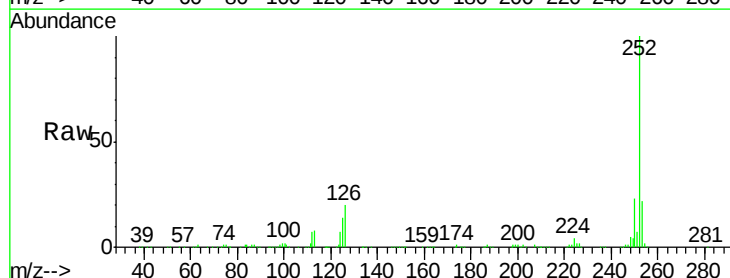
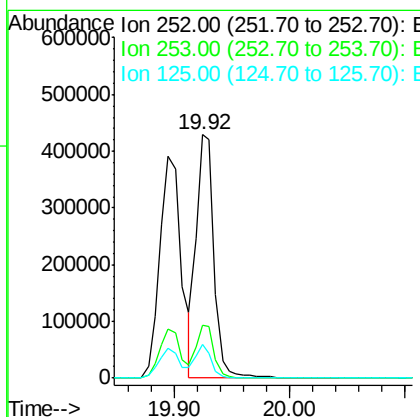
Manual Integrations
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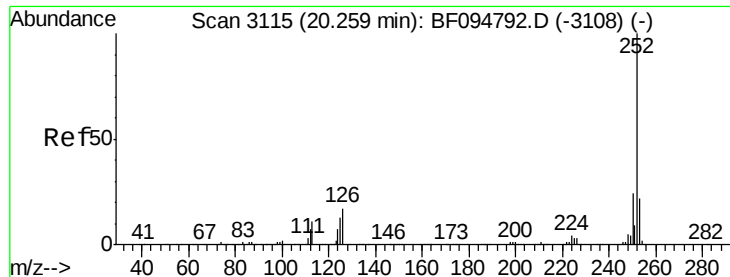
mohammad
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#88
Benzo(k)fluoranthene
Concen: 39.29 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.7	18.4	27.6
125	14.1	13.1	19.7





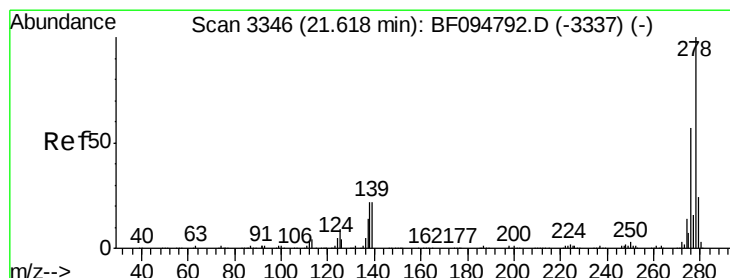
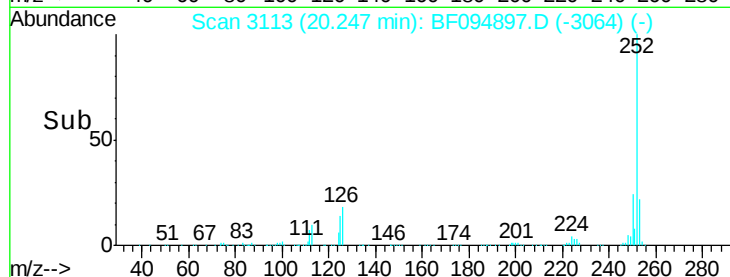
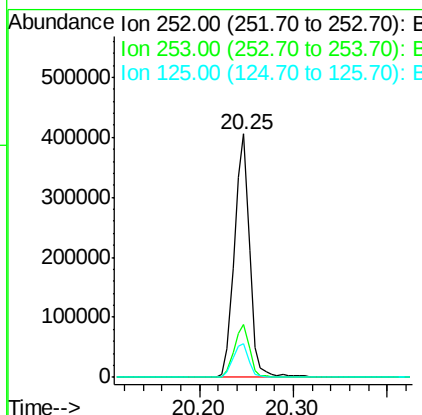
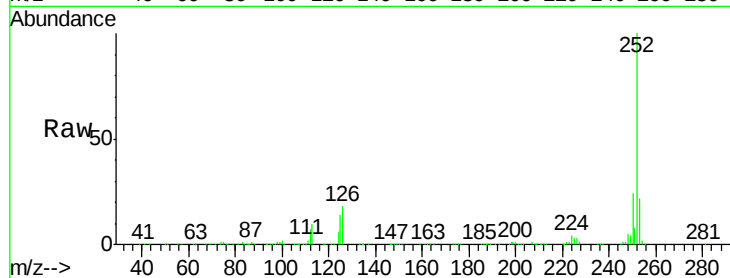
#89
Benzo(a)pyrene
Concen: 40.27 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.6	11.0	16.4

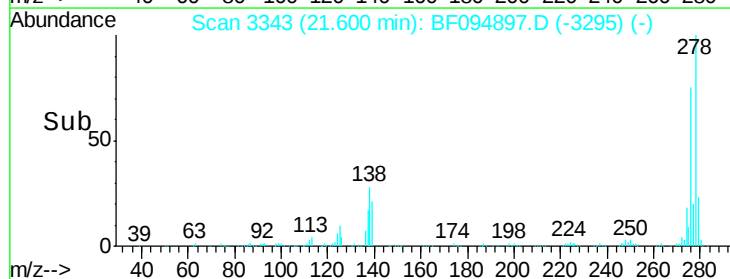
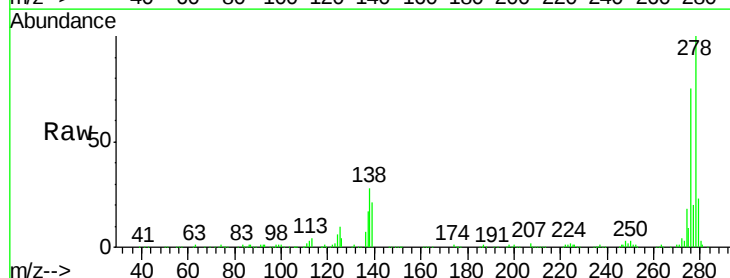
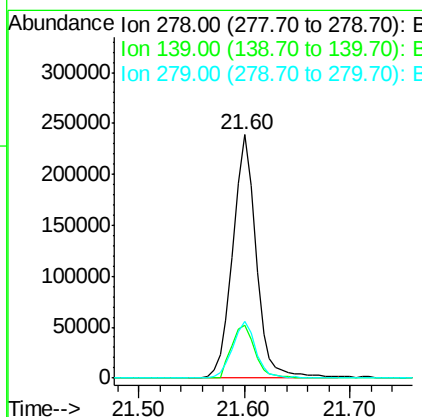
Manual Integrations
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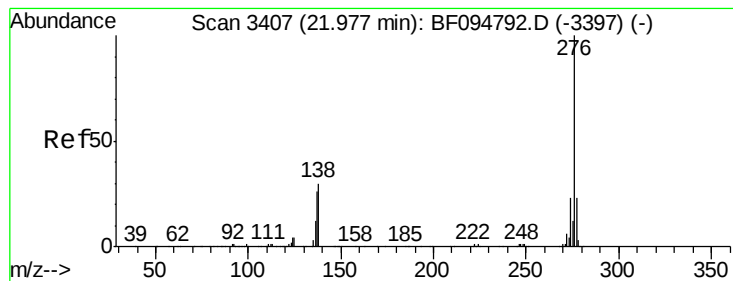
mohammad
5/5/2017 5:23:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.38 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094897.D
Acq: 5 May 2017 4:08

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





#91

Benzo(g,h,i)perylene

Concen: 38.52 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094897.D

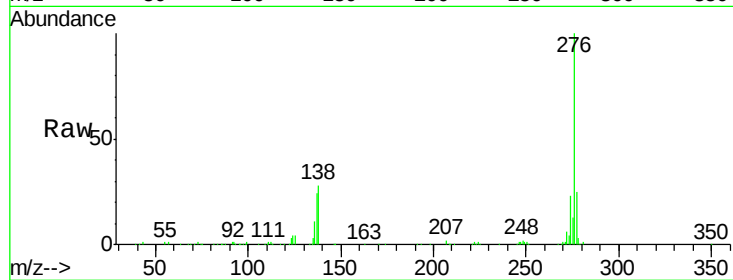
Acq: 5 May 2017 4:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:	276	Resp:	351749
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.6	28.0
138	28.2	25.4	38.0

Manual Integrations
APPROVED

mohammad
5/5/2017 5:23:39 PM

