

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094793.D
 Acq On : 2 May 2017 14:58
 Operator : SJ/MA
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:42:07 PM

Quant Time: May 03 17:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 16:41:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	110453	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	436013	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	199371	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	354733	20.00	ng	0.00
75) Chrysene-d12	18.65	240	278582	20.00	ng	0.00
86) Perylene-d12	20.31	264	229015	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	676082	101.55	ng	0.00
7) Phenol-d6	7.28	99	761504	97.02	ng	0.00
23) Nitrobenzene-d5	8.64	82	701085	99.29	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	153840	98.65	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1368368	100.98	ng	0.00
78) Terphenyl-d14	17.31	244	1230890	118.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	157558	40.693	ng	94
3) Pyridine	2.76	79	393830	46.540	ng	97
4) n-Nitrosodimethylamine	2.70	42	164069	46.858	ng	89
6) Aniline	7.24	93	492913	47.257	ng	97
8) 2-Chlorophenol	7.42	128	377937	49.888	ng	95
9) Benzaldehyde	7.04	77	223200	37.384	ng	99
10) Phenol	7.30	94	401880	41.681	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	332556	47.213	ng	96
12) 1,3-Dichlorobenzene	7.64	146	430669	51.312	ng	99
13) 1,4-Dichlorobenzene	7.76	146	437775	51.842	ng	97
14) 1,2-Dichlorobenzene	8.00	146	403209	51.837	ng	97
15) Benzyl Alcohol	8.02	79	275124	47.255	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	478176	51.779	ng	# 24
17) 2-Methylphenol	8.23	107	305826	51.257	ng	95
18) Hexachloroethane	8.52	117	149462	51.631	ng	88
19) n-Nitroso-di-n-propylamine	8.45	70	275657	53.007	ng	95
20) 3+4-Methylphenols	8.49	107	428536	52.856	ng	# 63
22) Acetophenone	8.41	105	537391	50.689	ng	# 84
24) Nitrobenzene	8.67	77	376432	50.623	ng	95
25) Isophorone	9.07	82	623012	47.596	ng	# 94
26) 2-Nitrophenol	9.17	139	197819	49.519	ng	96
27) 2,4-Dimethylphenol	9.31	122	327280	50.436	ng	97
28) bis(2-Chloroethoxy)methane	9.44	93	444328	52.478	ng	99
29) 2,4-Dichlorophenol	9.58	162	318045	52.686	ng	99
30) 1,2,4-Trichlorobenzene	9.68	180	326127	52.256	ng	98
31) Naphthalene	9.79	128	1119067	53.388	ng	100
32) Benzoic acid	9.62	122	218476	63.669	ng	97
33) 4-Chloroaniline	9.92	127	427744	49.054	ng	93
34) Hexachlorobutadiene	10.01	225	171103	54.990	ng	98
35) Caprolactam	10.55	113	98051m	51.704	ng	
36) 4-Chloro-3-methylphenol	10.78	107	332566	52.570	ng	87
37) 2-Methylnaphthalene	10.91	142	726311	50.648	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	296022	52.142	ng	99
40) Hexachlorocyclopentadiene	11.17	237	120773	52.586	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	210404	52.774	ng	98
43) 2,4,5-Trichlorophenol	11.48	196	227871	55.657	ng	95
45) 1,1'-Biphenyl	11.68	154	814432	49.998	ng	98
46) 2-Chloronaphthalene	11.70	162	662070m	51.116	ng	
47) 2-Nitroaniline	11.91	65	192491	51.663	ng	# 75
48) Acenaphthylene	12.36	152	1045256	51.769	ng	98
49) Dimethylphthalate	12.23	163	813305	54.739	ng	100
50) 2,6-Dinitrotoluene	12.32	165	171186	51.331	ng	97
51) Acenaphthene	12.64	154	621426m	51.386	ng	
52) 3-Nitroaniline	12.58	138	186929	48.447	ng	93
53) 2,4-Dinitrophenol	12.77	184	86125	54.566	ng	# 70
54) Dibenzofuran	12.92	168	864609	49.190	ng	99
55) 4-Nitrophenol	12.96	139	108330	39.741	ng	# 76
56) 2,4-Dinitrotoluene	12.98	165	222753	54.435	ng	# 93
57) Fluorene	13.48	166	748818	54.709	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	134177	45.723	ng	97
59) Diethylphthalate	13.38	149	763477	54.460	ng	98
60) 4-Chlorophenyl-phenylether	13.51	204	334523	58.727	ng	92
61) 4-Nitroaniline	13.58	138	168323	42.913	ng	96
62) Azobenzene	13.77	77	582795	42.817	ng	95
64) 4,6-Dinitro-2-methylphenol	13.64	198	128322	55.212	ng	# 67
65) n-Nitrosodiphenylamine	13.72	169	642607	52.087	ng	99
66) 4-Bromophenyl-phenylether	14.29	248	186358	52.907	ng	98
67) Hexachlorobenzene	14.38	284	192930	54.350	ng	# 89
68) Atrazine	14.64	200	184893	50.096	ng	96
69) Pentachlorophenol	14.72	266	85685	60.790	ng	95
70) Phenanthrene	15.02	178	1005814	50.351	ng	99
71) Anthracene	15.11	178	1026887	49.697	ng	99
72) Carbazole	15.39	167	951061	49.038	ng	97
73) Di-n-butylphthalate	15.96	149	1196513	56.033	ng	99
74) Fluoranthene	16.77	202	1031762	49.836	ng	99
76) Benzidine	16.98	184	371066	32.897	ng	96
77) Pyrene	17.07	202	1047846	53.837	ng	99
79) Butylbenzylphthalate	17.97	149	491969	57.676	ng	# 84
80) Benzo(a)anthracene	18.64	228	788972	48.725	ng	99
81) 3,3'-Dichlorobenzidine	18.62	252	269538	47.024	ng	# 96
82) Chrysene	18.69	228	791019	53.455	ng	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	703544	61.432	ng	# 99
84) Di-n-octyl phthalate	19.49	149	1134318	59.046	ng	96
85) Indeno(1,2,3-cd)pyrene	21.61	276	573159	40.707	ng	99
87) Benzo(b)fluoranthene	19.91	252	717790	51.236	ng	99
88) Benzo(k)fluoranthene	19.94	252	700040	52.802	ng	# 95
89) Benzo(a)pyrene	20.26	252	638690	49.004	ng	99
90) Dibenzo(a,h)anthracene	21.62	278	492344	45.493	ng	97
91) Benzo(g,h,i)perylene	21.98	276	494405	44.872	ng	97

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

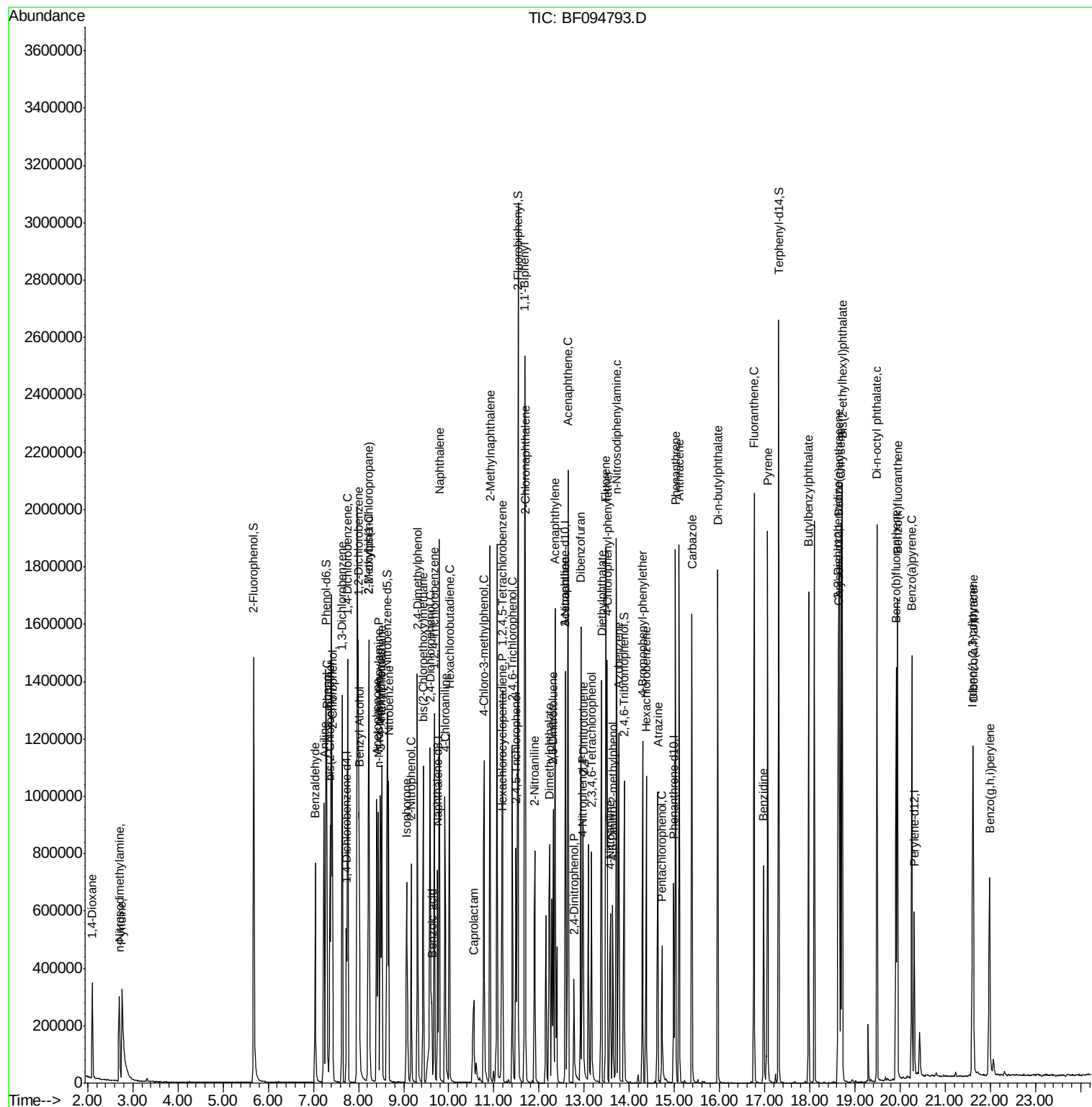
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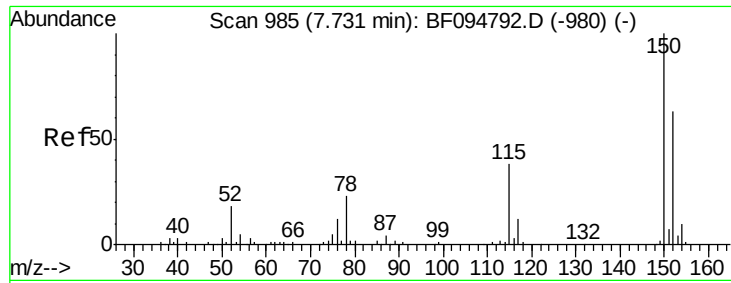
Instrument :
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#1

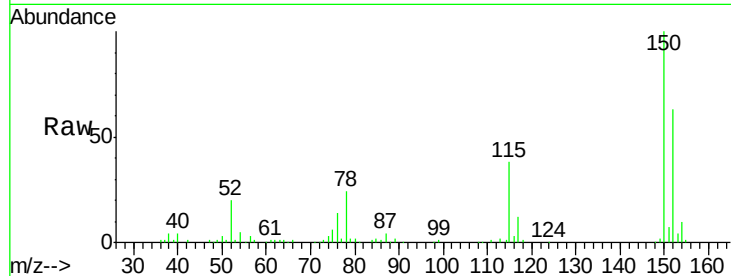
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

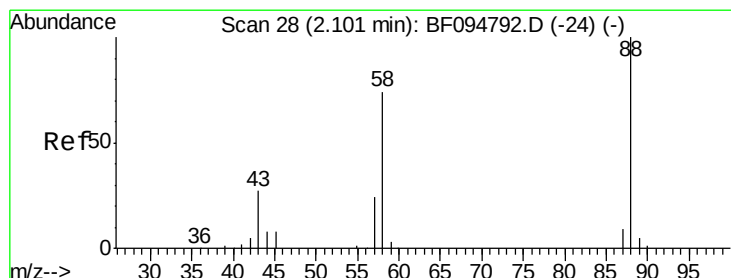
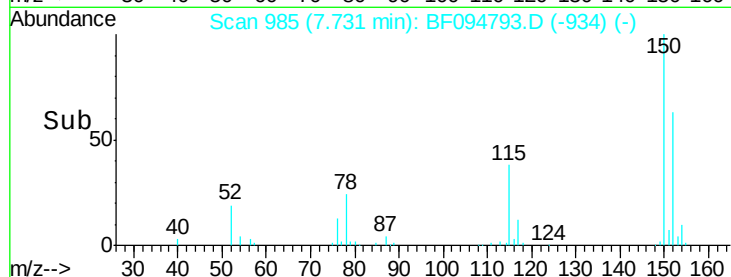
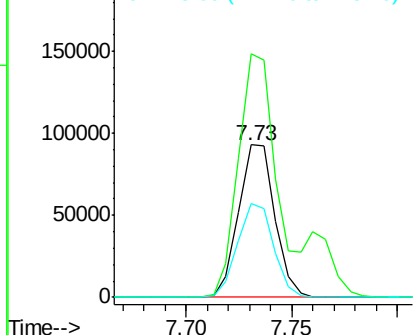
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	61.3	52.2	78.2

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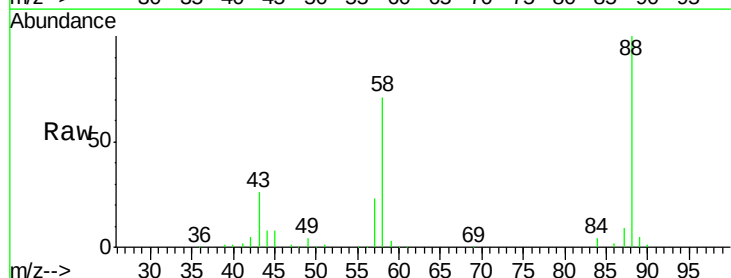
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



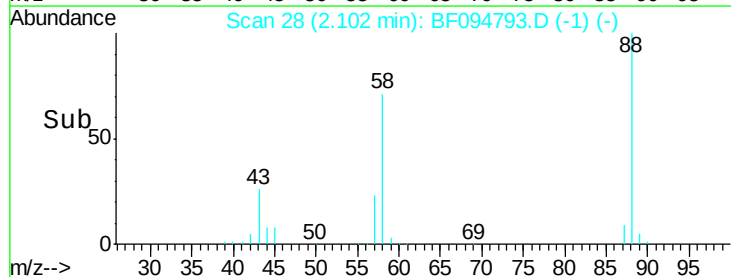
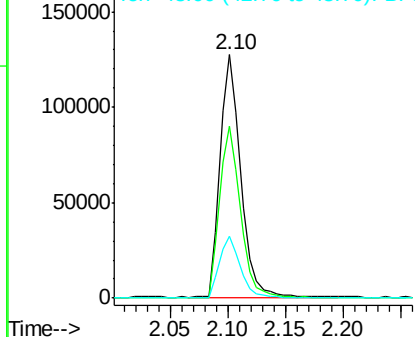
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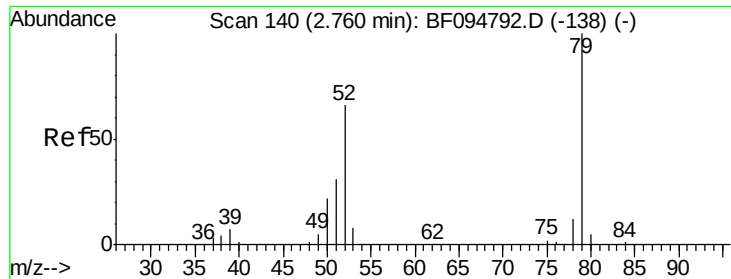
1,4-Dioxane
Concen: 40.693 ng
RT: 2.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	61.4	92.0
43	26.3	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: 46.540 ng

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

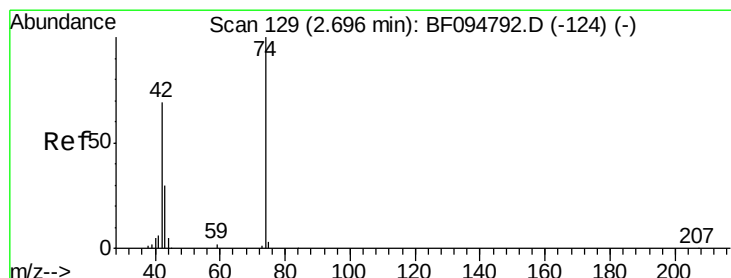
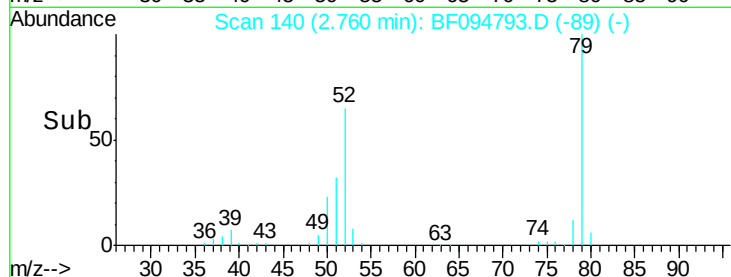
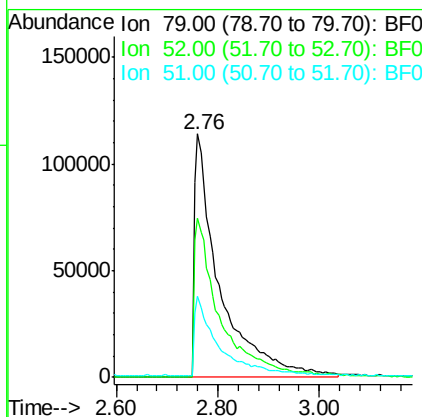
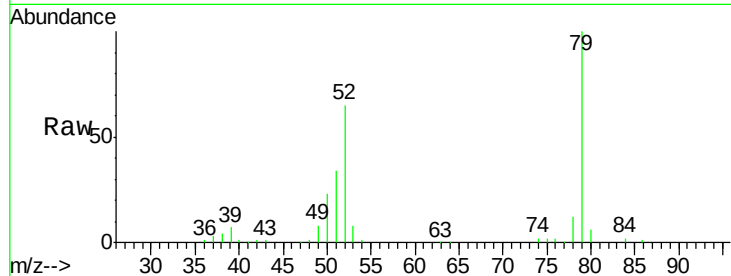
ClientSampleId :

SSTDIC050

Tgt Ion:	79	Resp:	393830
Ion	Ratio	Lower	Upper
79	100		
52	65.3	54.8	82.2
51	33.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 46.858 ng

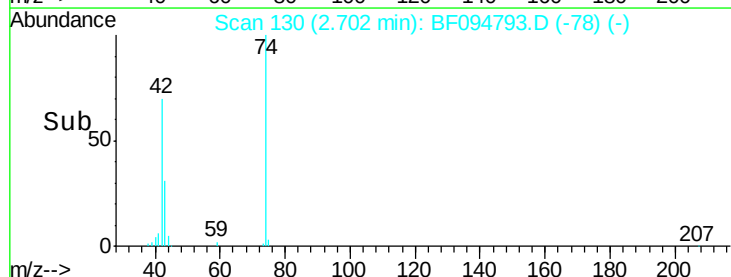
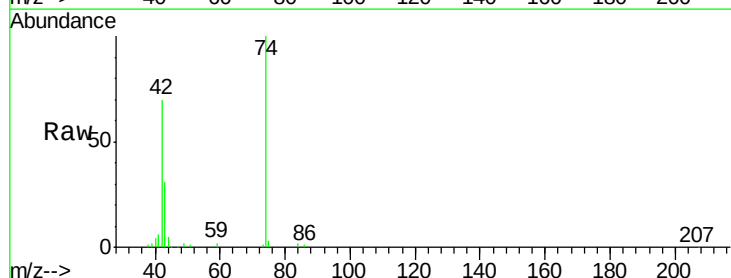
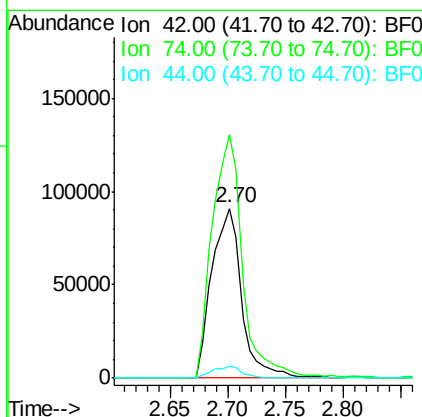
RT: 2.70 min Scan# 130

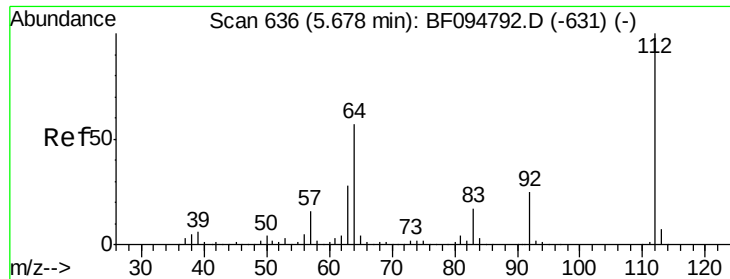
Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Tgt Ion:	42	Resp:	164069
Ion	Ratio	Lower	Upper
42	100		
74	143.5	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 101.551 ng

RT: 5.68 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

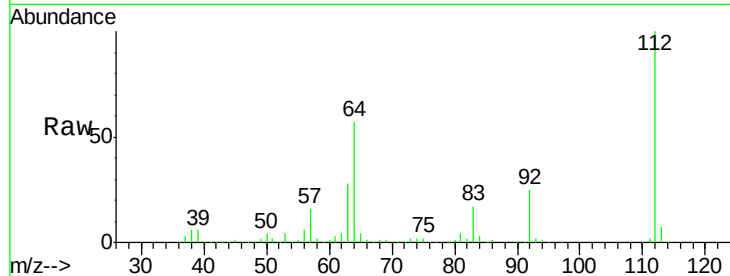
ClientSampleId :

SSTDIC050

Tgt Ion:	112	Resp:	676082
Ion Ratio	Lower	Upper	
112	100		
64	57.3	46.0	69.0
63	28.1	23.4	35.0

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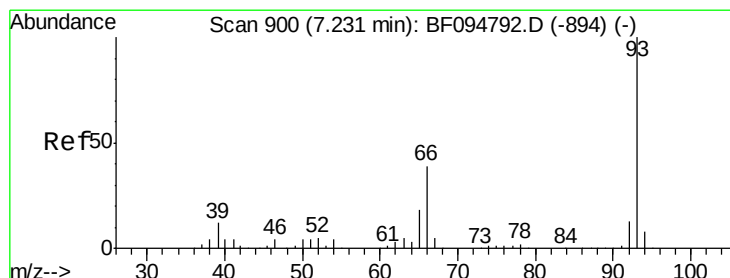
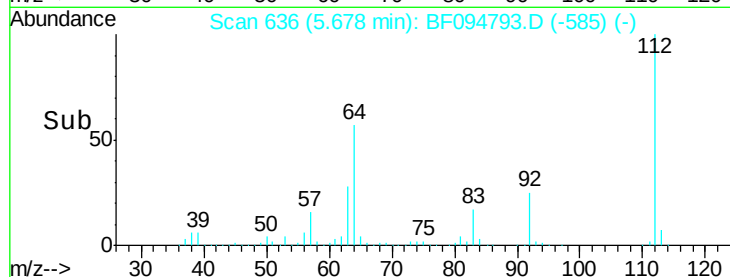
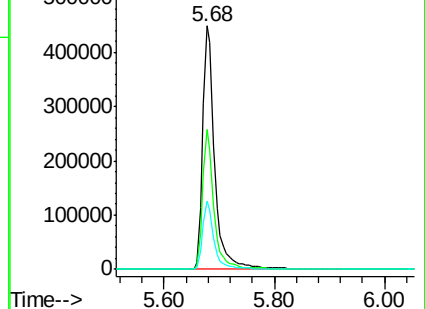
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 47.257 ng

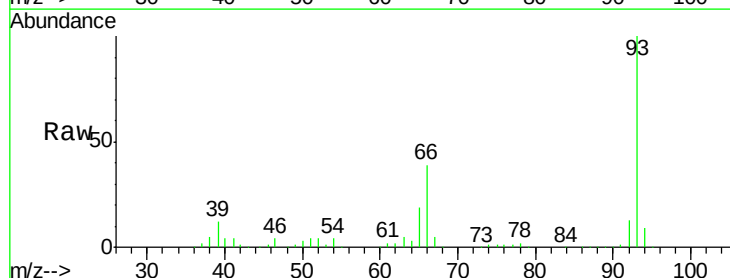
RT: 7.24 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

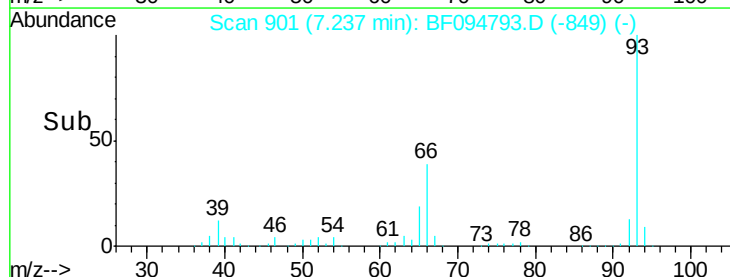
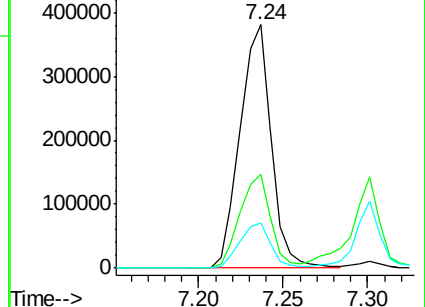
Tgt Ion:	93	Resp:	492913
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.9	49.3
65	18.8	16.0	24.0

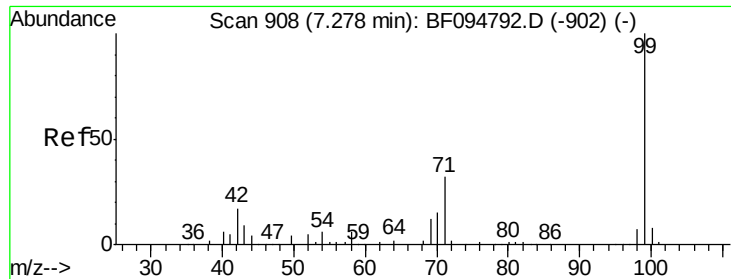


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.024 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

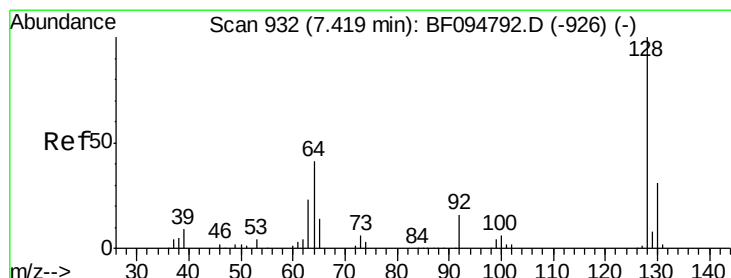
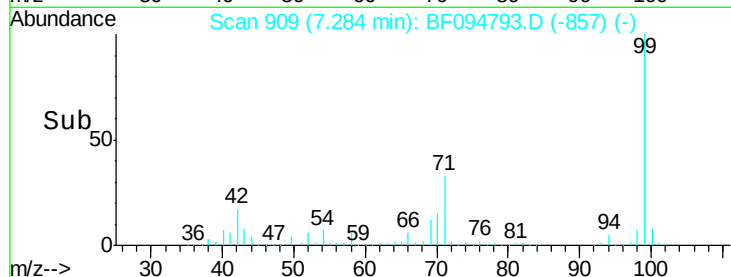
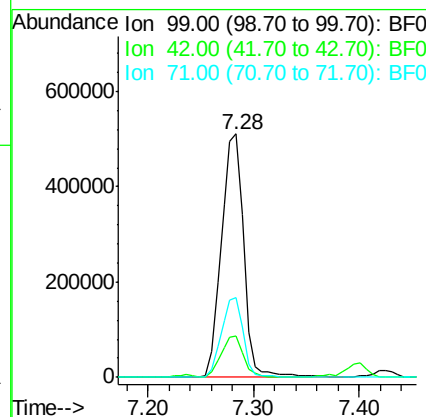
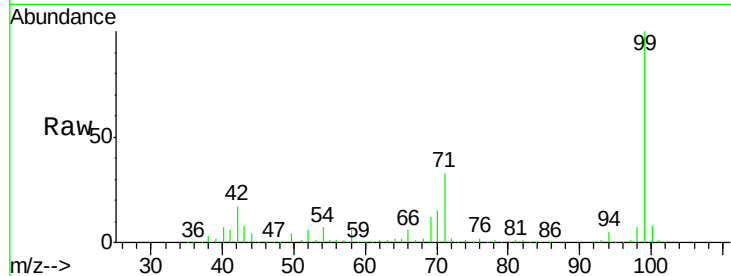
ClientSampleId :

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Tgt Ion:	99	Resp:	761504
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	32.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 49.888 ng

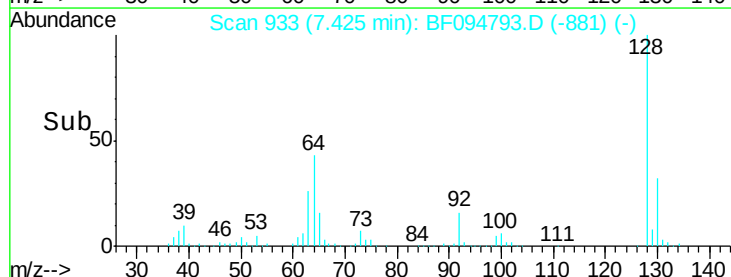
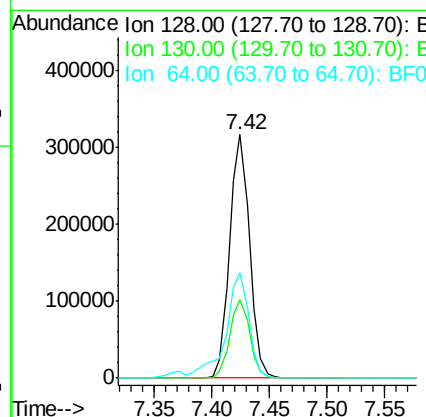
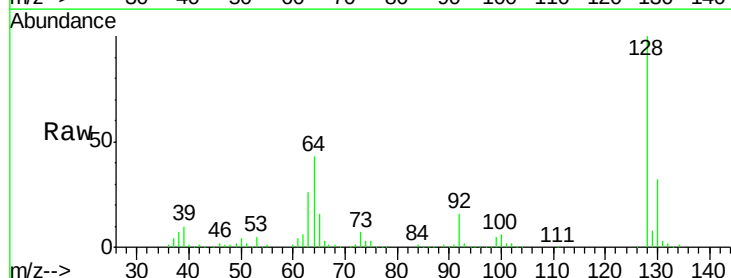
RT: 7.42 min Scan# 933

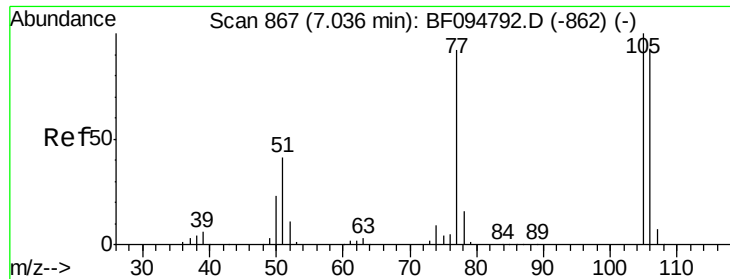
Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Tgt Ion:	128	Resp:	377937
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	43.2	28.4	68.4





#9

Benzaldehyde

Concen: 37.384 ng

RT: 7.04 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

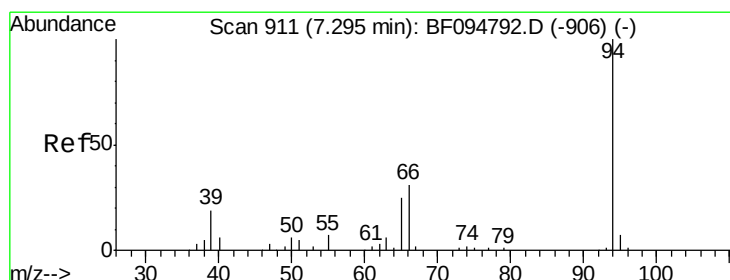
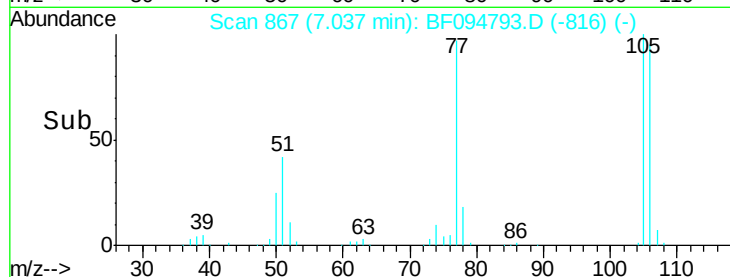
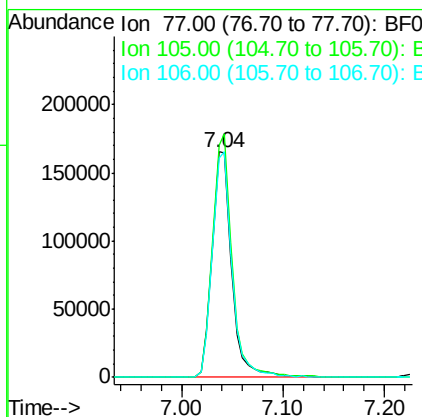
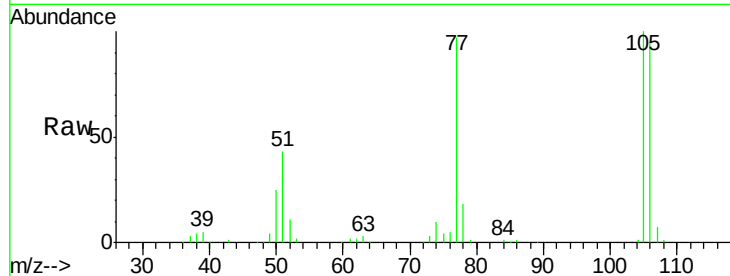
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Tgt Ion:	77	Resp:	223200
Ion	Ratio	Lower	Upper
77	100		
105	102.8	83.8	123.8
106	97.6	79.1	119.1

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#10

Phenol

Concen: 41.681 ng

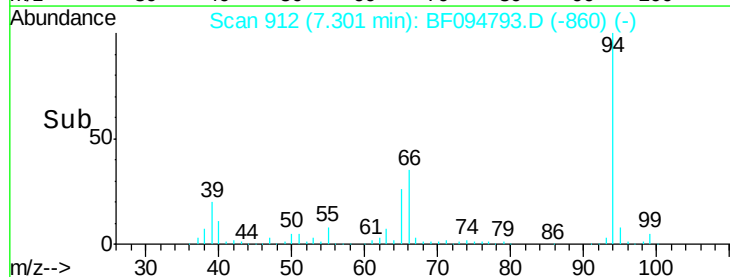
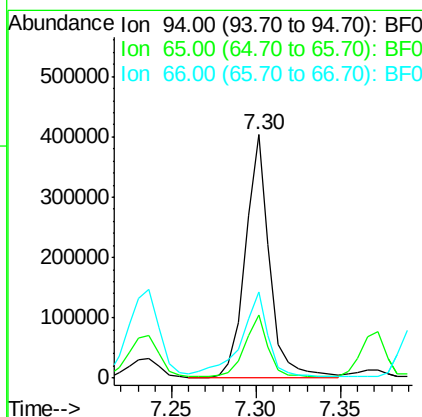
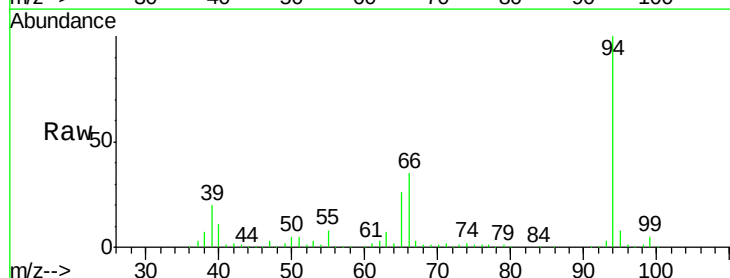
RT: 7.30 min Scan# 912

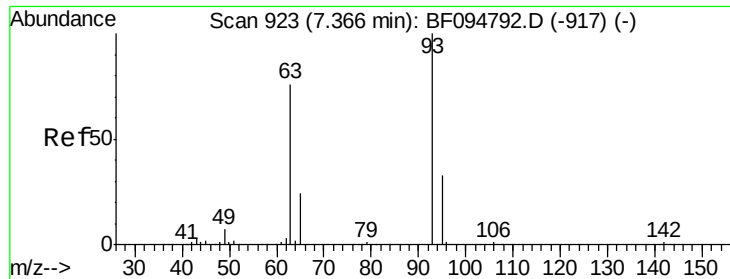
Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Tgt Ion:	94	Resp:	401880
Ion	Ratio	Lower	Upper
94	100		
65	25.9	9.9	49.9
66	35.2	23.1	63.1





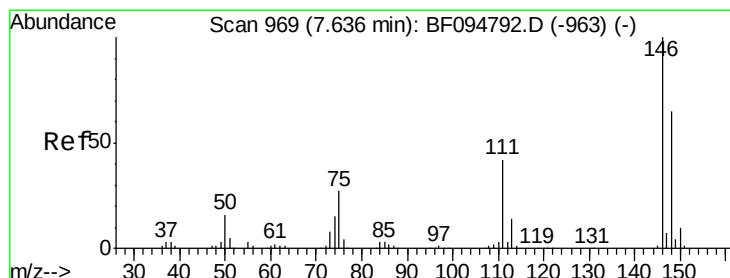
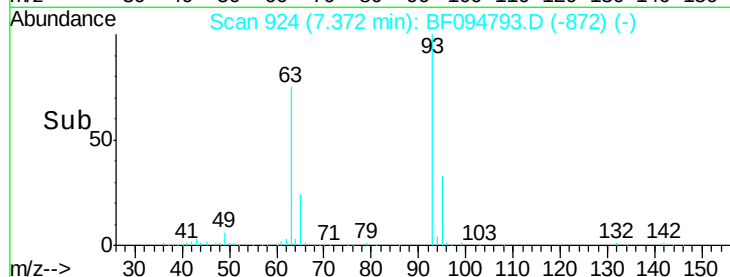
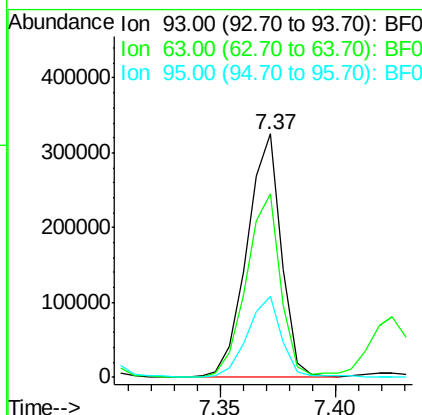
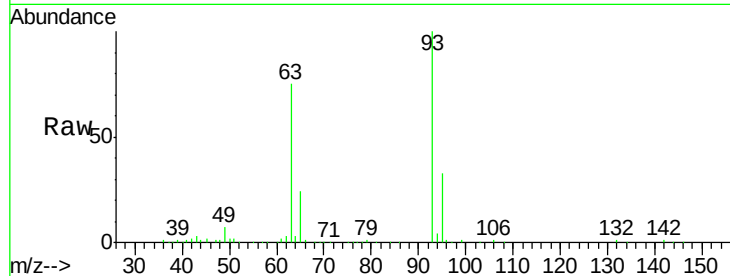
#11
 bis(2-Chloroethyl)ether
 Concen: 47.213 ng
 RT: 7.37 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	75.1	59.2	99.2
95	33.2	12.8	52.8

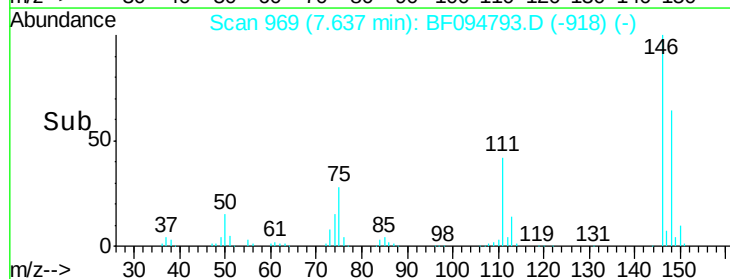
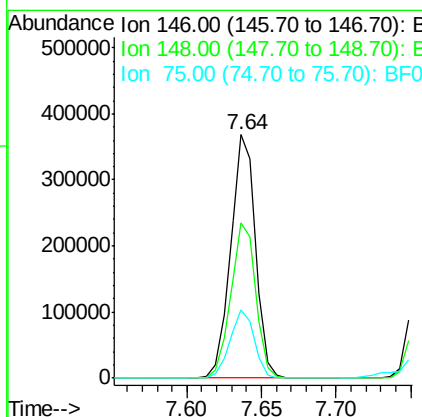
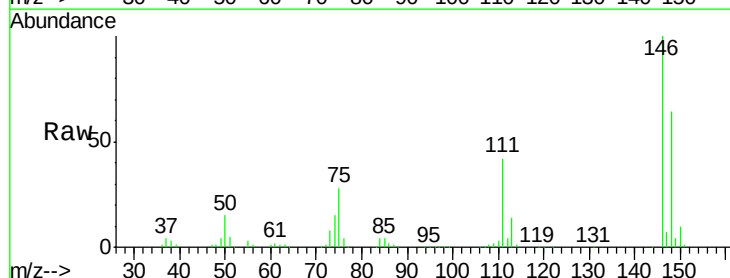
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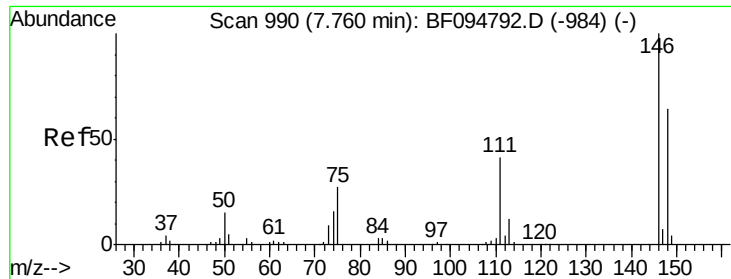
mohammad
 5/4/2017 1:42:07 PM



#12
 1,3-Dichlorobenzene
 Concen: 51.312 ng
 RT: 7.64 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.9	51.8	77.6
75	28.2	23.1	34.7





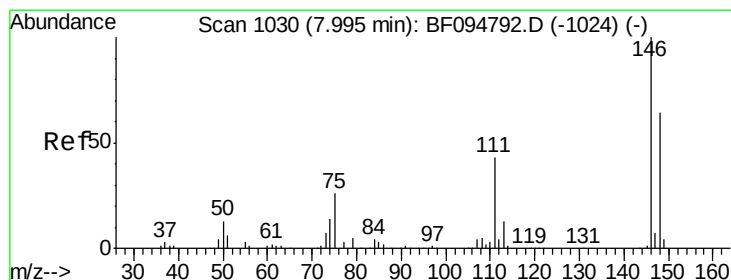
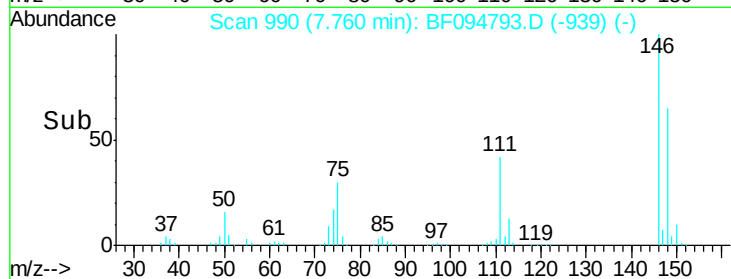
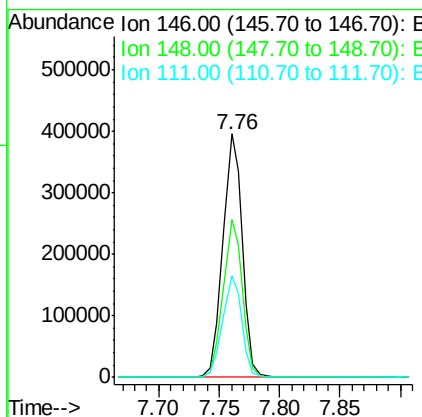
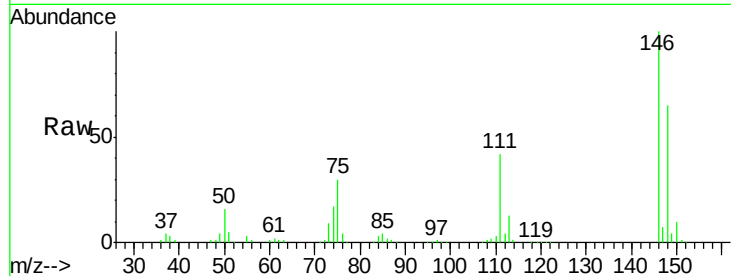
#13
 1,4-Dichlorobenzene
 Concen: 51.842 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	41.9	30.3	45.5

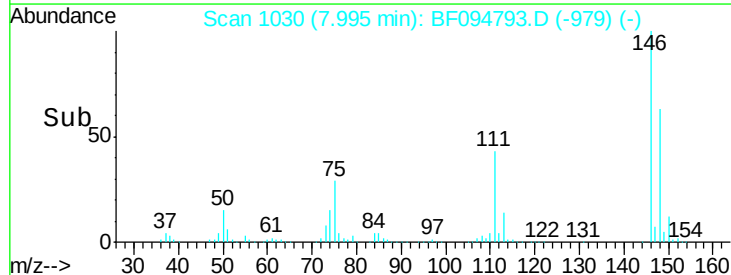
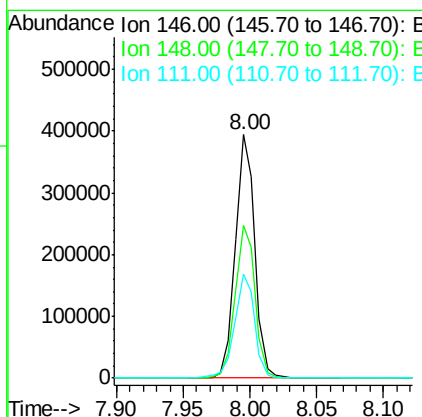
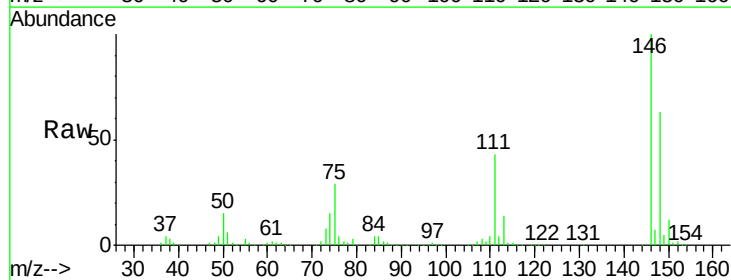
Manual Integrations
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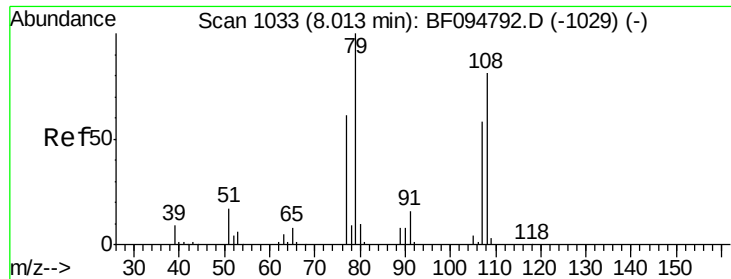
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 51.837 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	42.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 47.255 ng

RT: 8.02 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

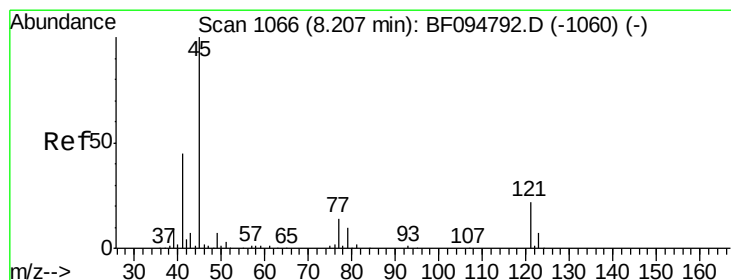
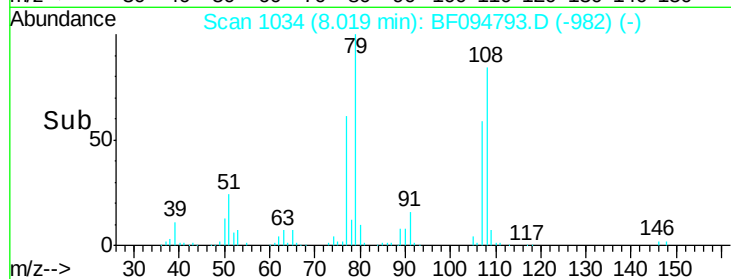
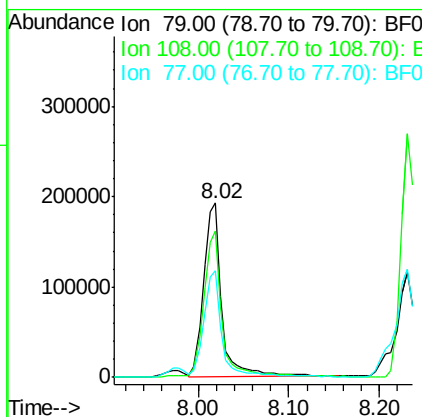
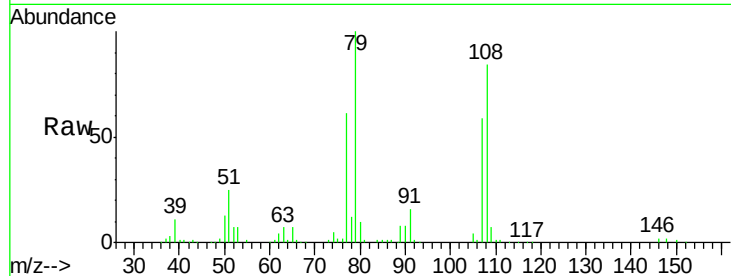
ClientSampleId :

SSTDIC050

Tgt Ion:	79	Resp:	275124
Ion Ratio	Lower	Upper	
79	100		
108	84.4	63.4	95.0
77	60.9	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.779 ng

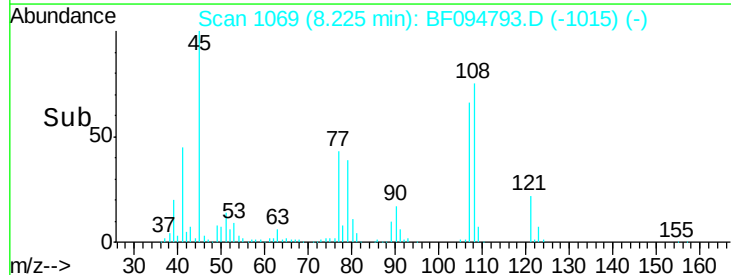
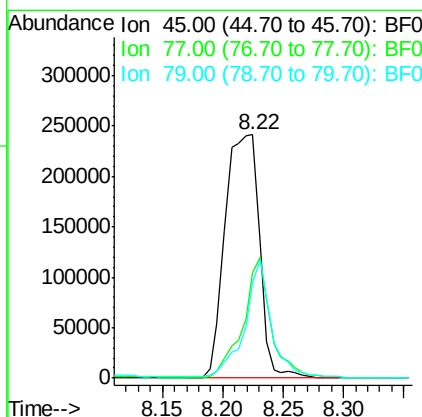
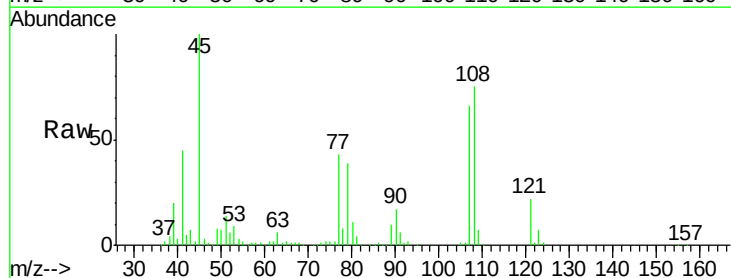
RT: 8.22 min Scan# 1069

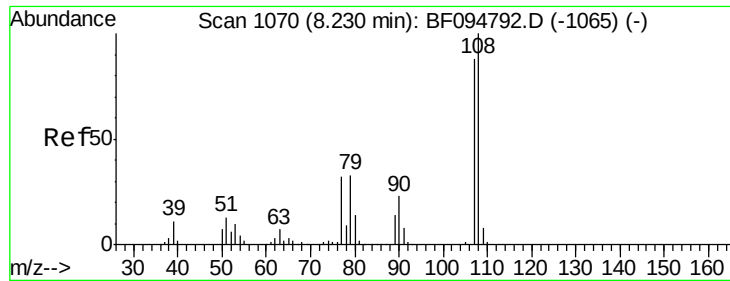
Delta R.T. 0.02 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Tgt Ion:	45	Resp:	478176
Ion Ratio	Lower	Upper	
45	100		
77	43.1	0.0	33.2#
79	39.1	0.0	30.0#





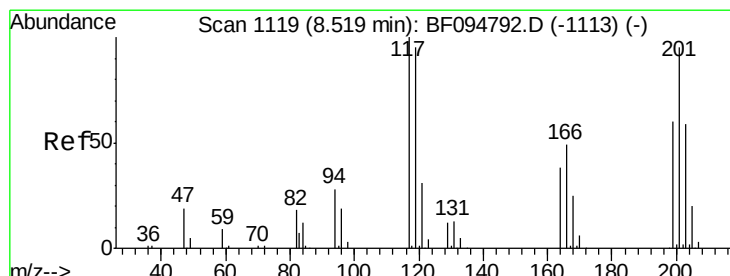
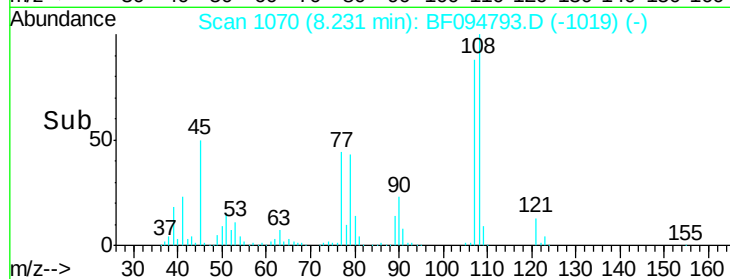
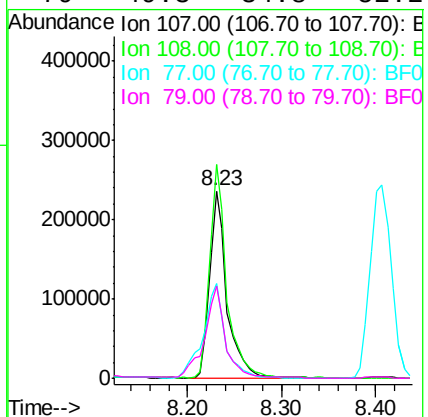
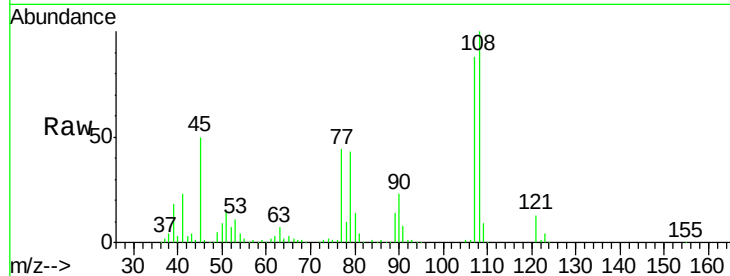
#17
2-Methylphenol
Concen: 51.257 ng
RT: 8.23 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	305826		
108	114.0	93.4	140.0	
77	50.4	35.8	53.6	
79	49.3	34.8	52.2	

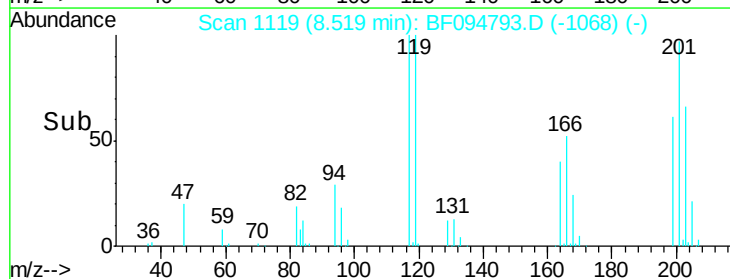
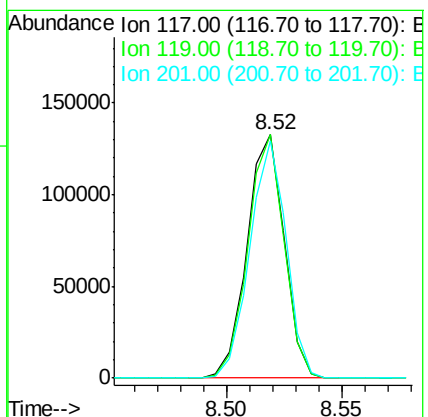
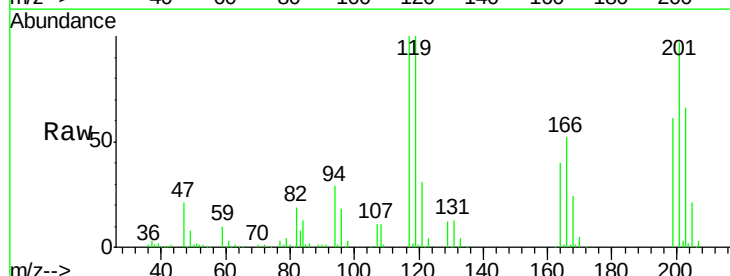
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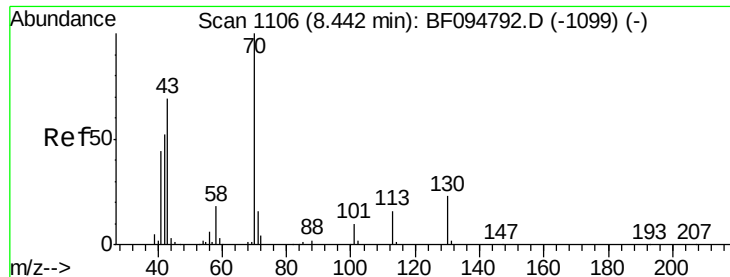
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#18
Hexachloroethane
Concen: 51.631 ng
RT: 8.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	149462		
119	99.8	77.4	116.0	
201	97.4	94.6	141.8	





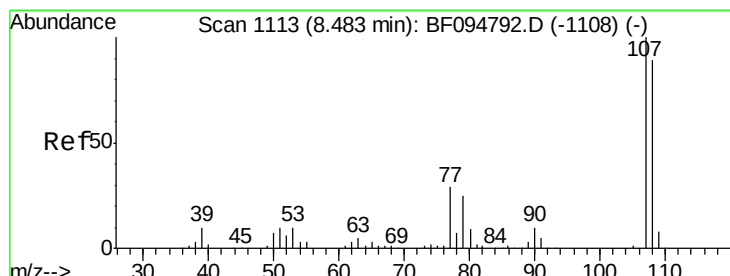
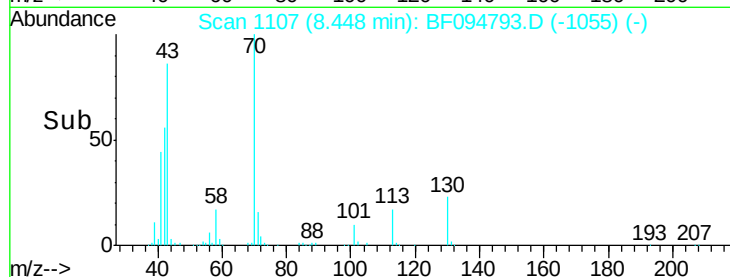
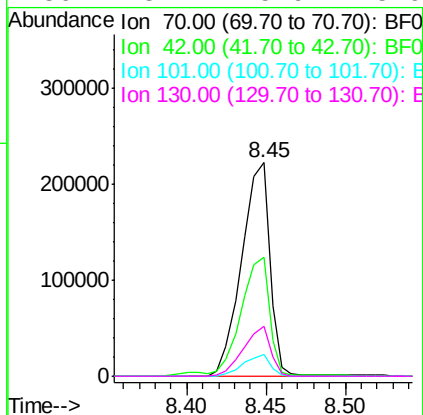
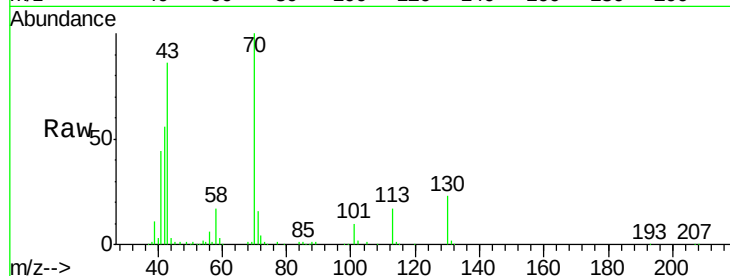
#19
n-Nitroso-di-n-propylamine
Concen: 53.007 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.2	70.8
101	10.4	7.2	10.8
130	23.2	15.9	23.9

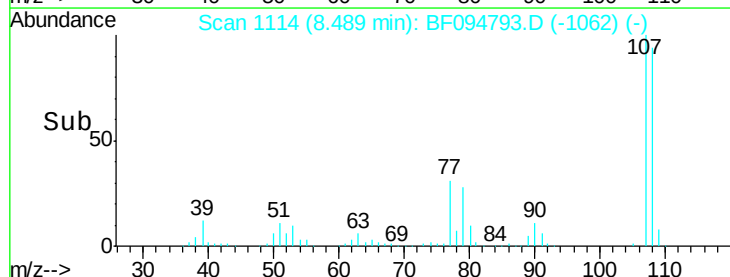
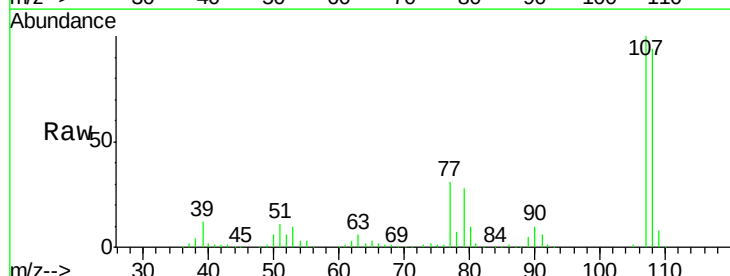
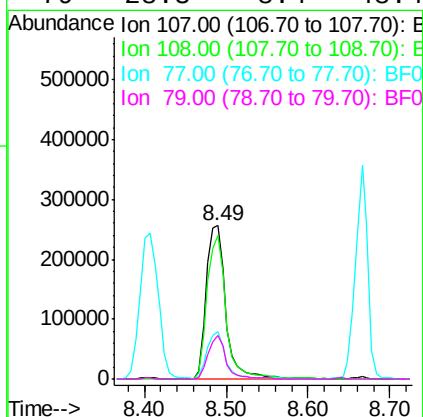
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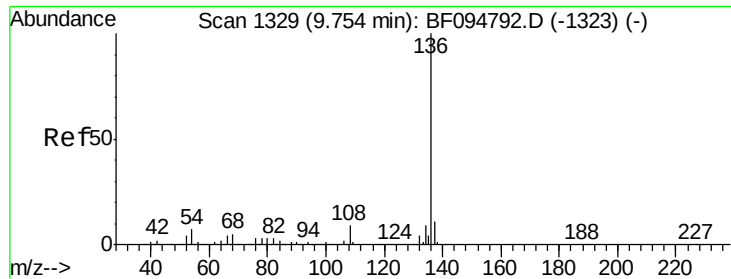
mohammad
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#20
3+4-Methylphenols
Concen: 52.856 ng
RT: 8.49 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	71.0	111.0
77	31.3	90.5	130.5#
79	28.3	8.4	48.4





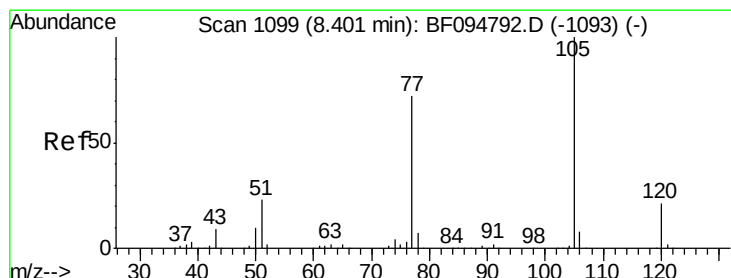
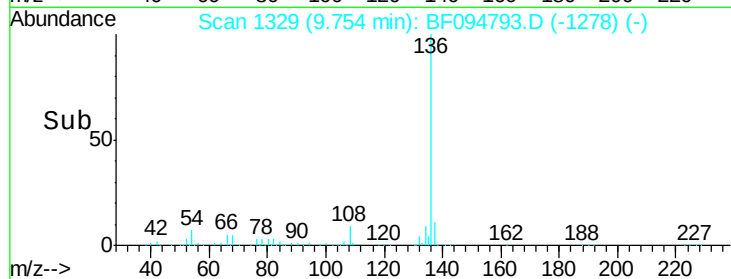
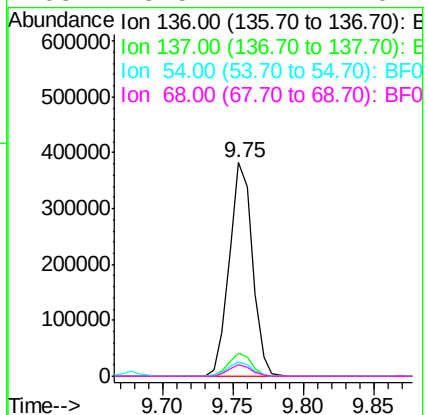
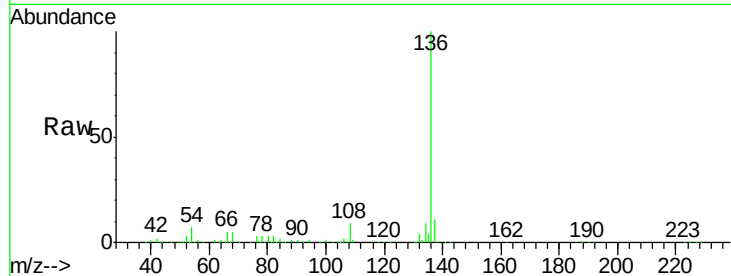
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	436013		
137	10.8	8.5	12.7	
54	6.9	4.9	7.3	
68	5.5	4.1	6.1	

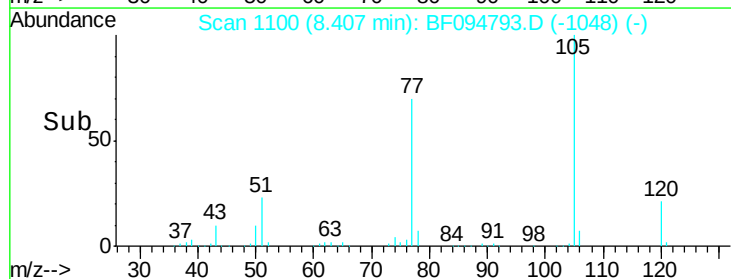
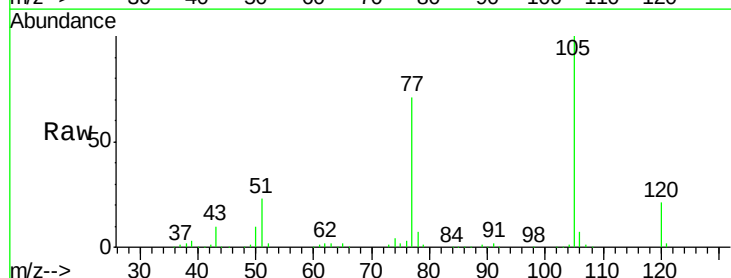
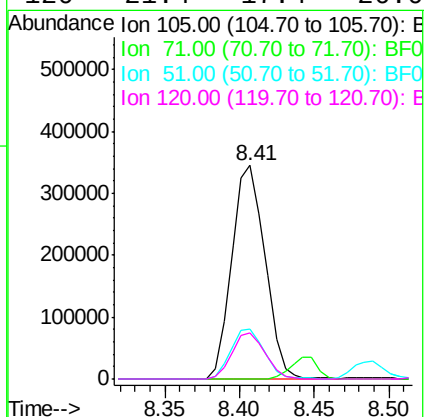
Manual Integrations
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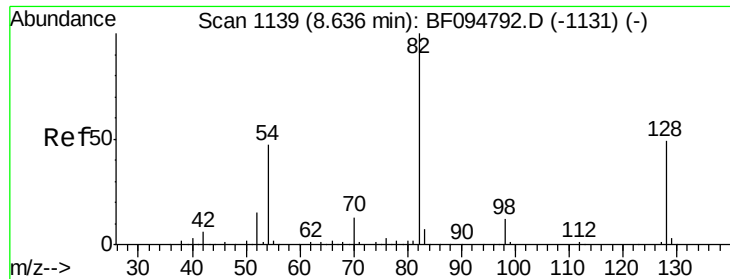
mohammad
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#22
Acetophenone
Concen: 50.689 ng
RT: 8.41 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	537391		
71	0.0	2.8	4.2#	
51	23.1	30.7	46.1#	
120	21.4	17.4	26.0	





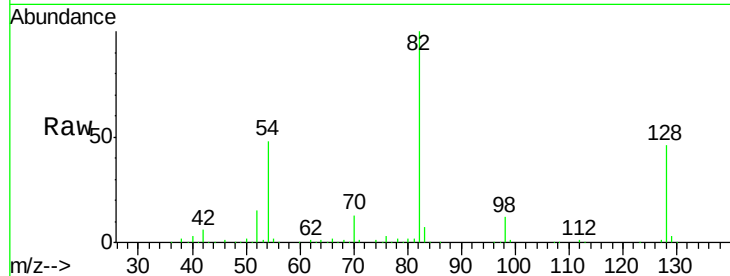
#23
 Nitrobenzene-d5
 Concen: 99.288 ng
 RT: 8.64 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

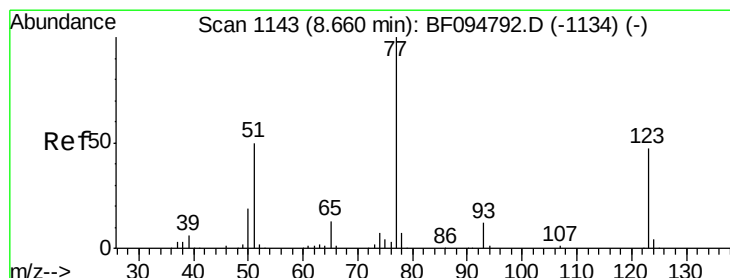
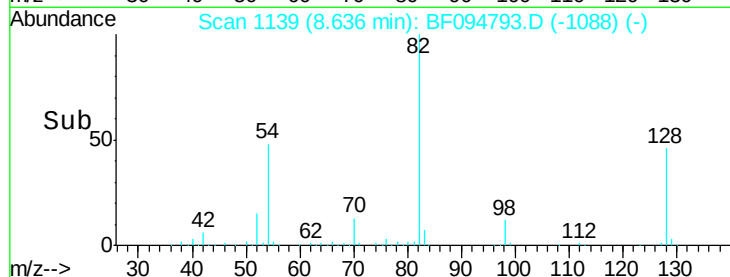
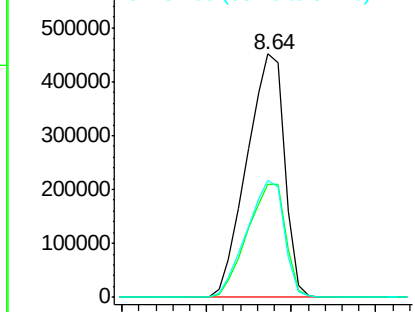
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	47.9	42.2	63.2

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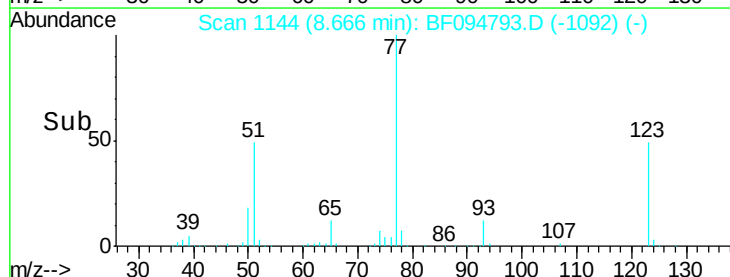
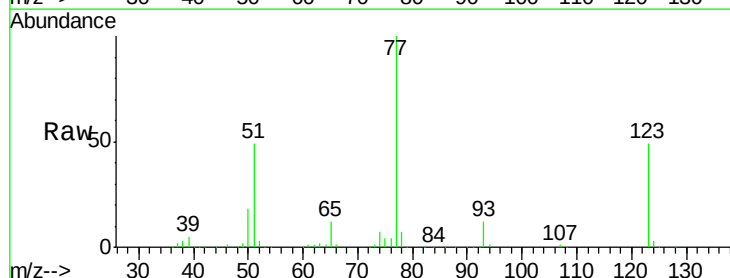
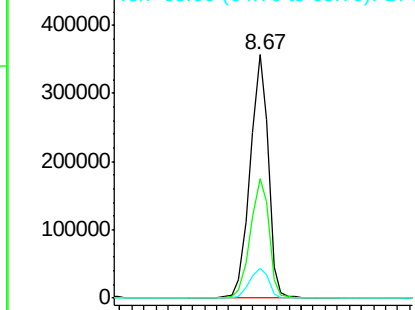
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

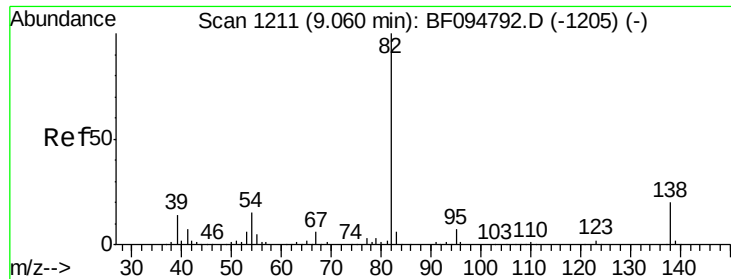


#24
 Nitrobenzene
 Concen: 50.623 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.8	53.8
65	12.3	10.6	15.8

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.596 ng

RT: 9.07 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 82 Resp: 623012

Ion Ratio Lower Upper

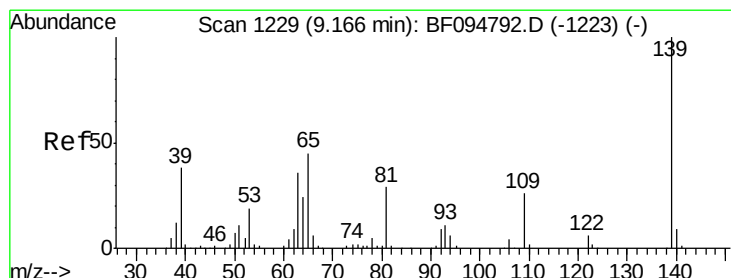
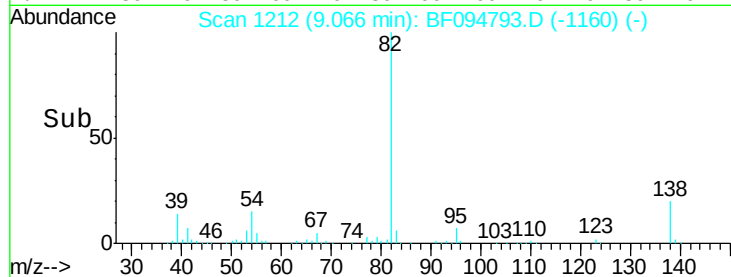
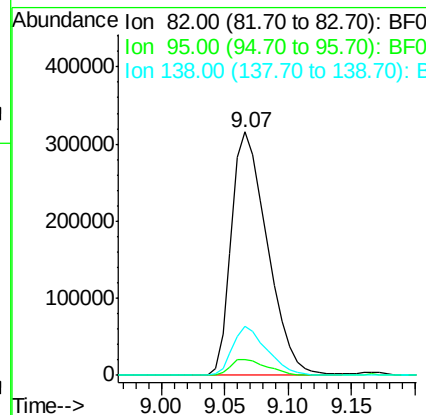
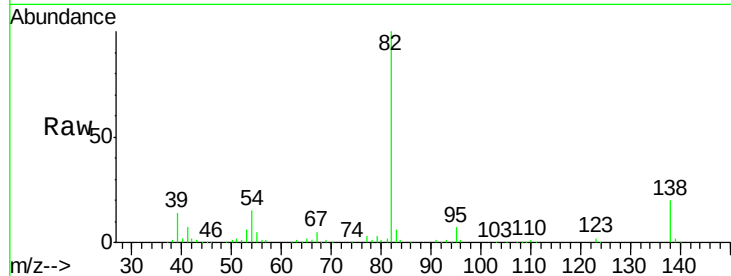
82 100

95 6.6 5.3 7.9

138 19.9 13.1 19.7#

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#26

2-Nitrophenol

Concen: 49.519 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

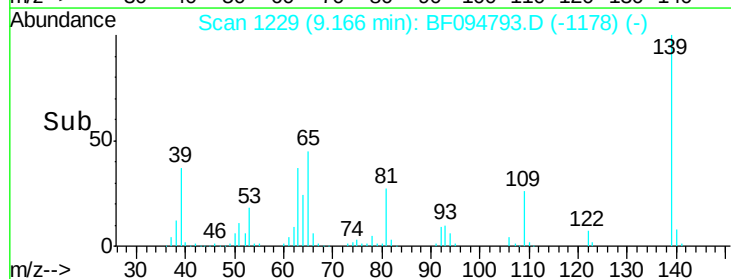
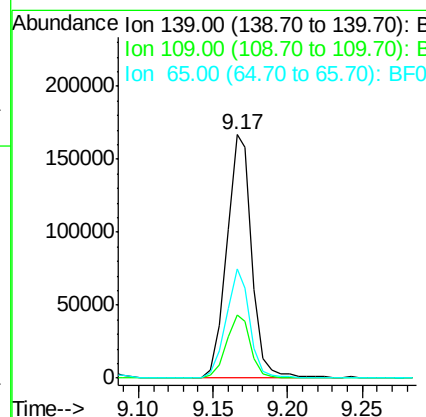
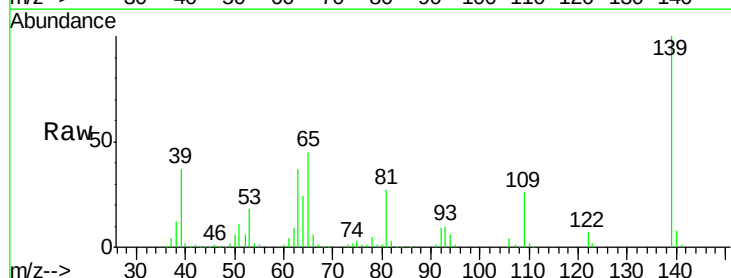
Tgt Ion: 139 Resp: 197819

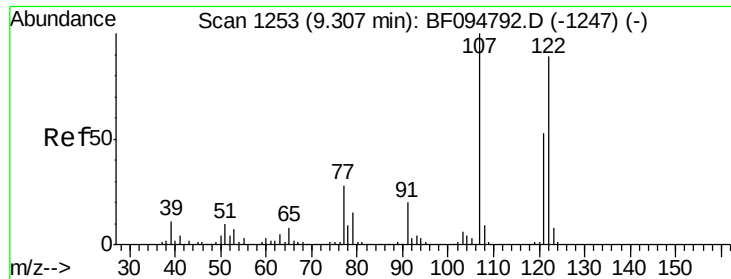
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 44.8 33.0 49.6





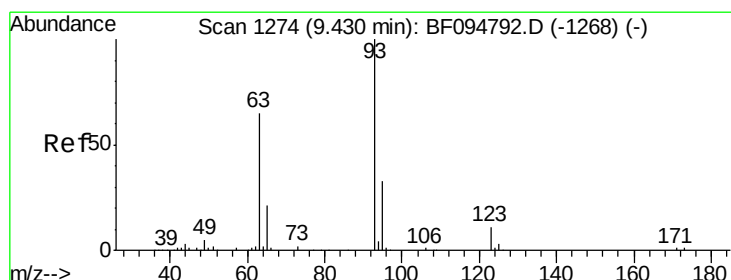
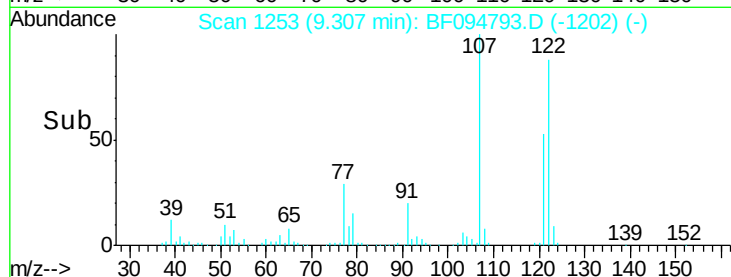
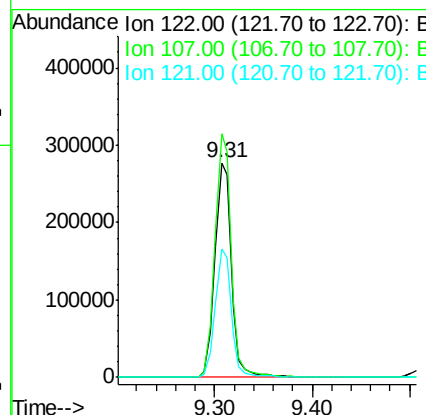
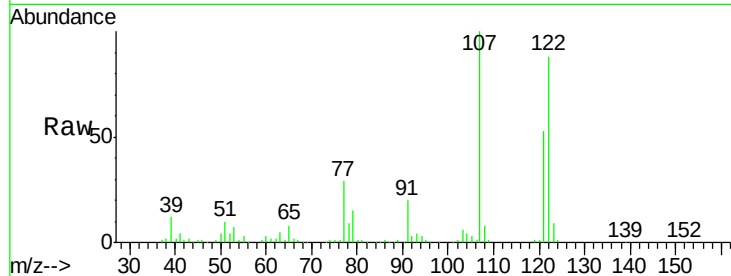
#27
 2,4-Dimethylphenol
 Concen: 50.436 ng
 RT: 9.31 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	327280		
107	113.4	89.2	133.8	
121	59.6	45.2	67.8	

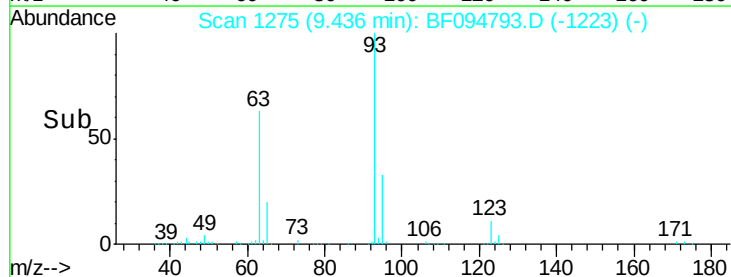
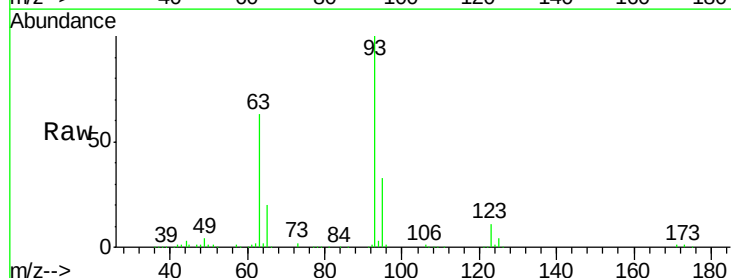
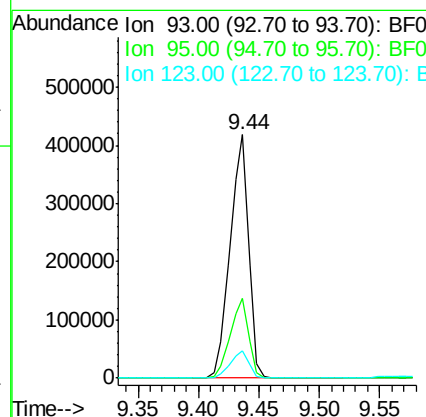
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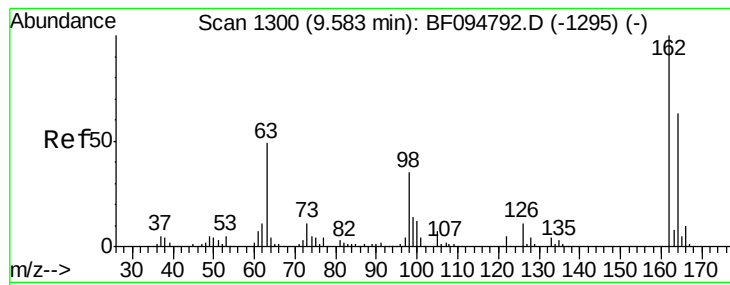
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 52.478 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	444328		
95	32.5	26.5	39.7	
123	11.1	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 52.686 ng

RT: 9.58 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

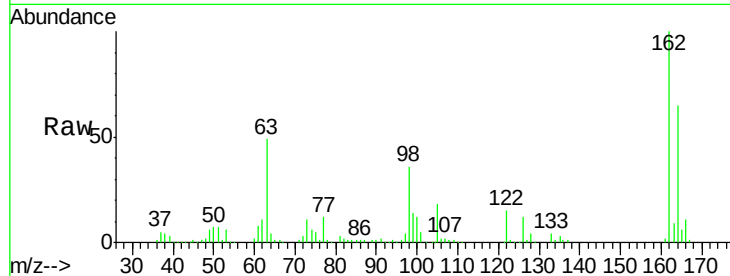
ClientSampleId :

SSTDIC050

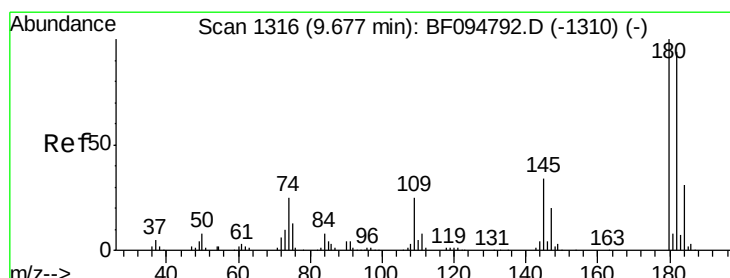
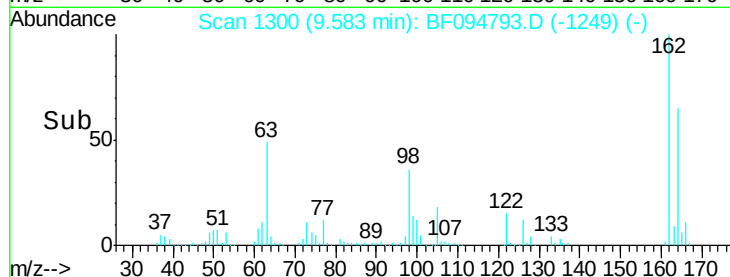
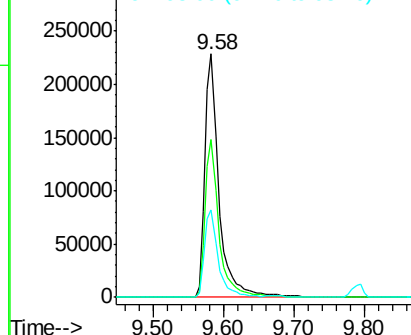
Tgt Ion:	162	Resp:	318045
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.6	84.6
98	35.9	14.8	54.8

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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: 52.256 ng

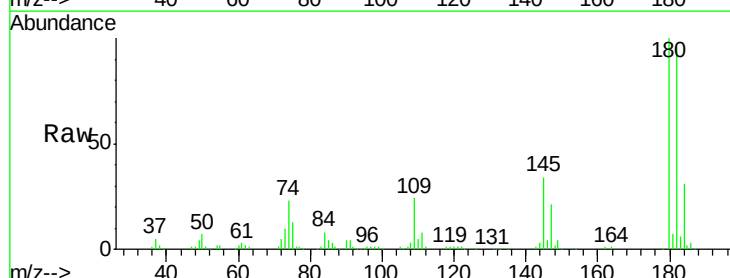
RT: 9.68 min Scan# 1317

Delta R.T. 0.01 min

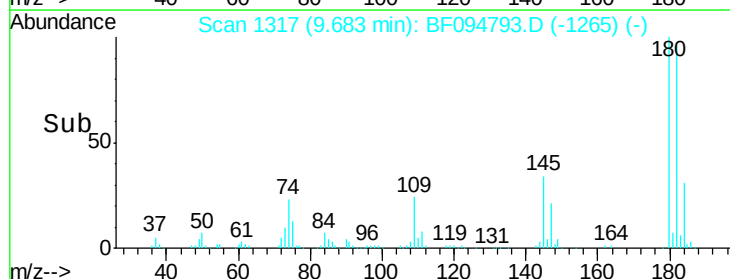
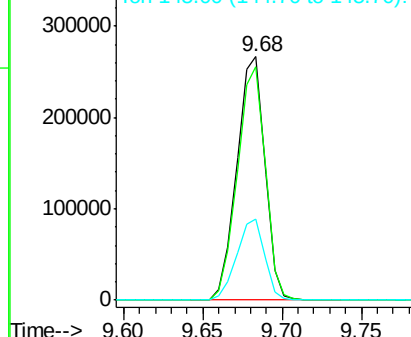
Lab File: BF094793.D

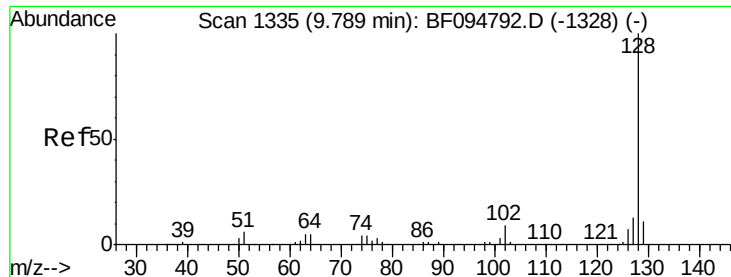
Acq: 2 May 2017 14:58

Tgt Ion:	180	Resp:	326127
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.8	113.6
145	33.5	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





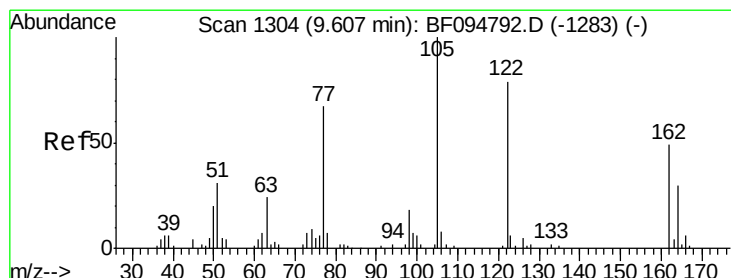
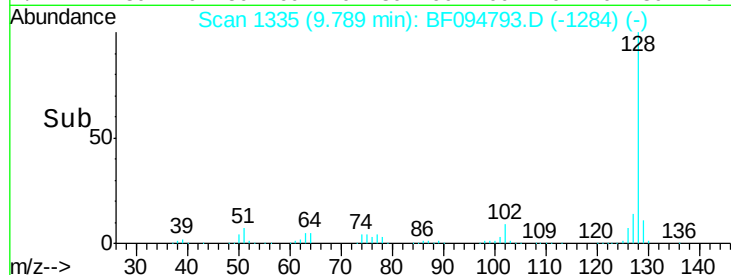
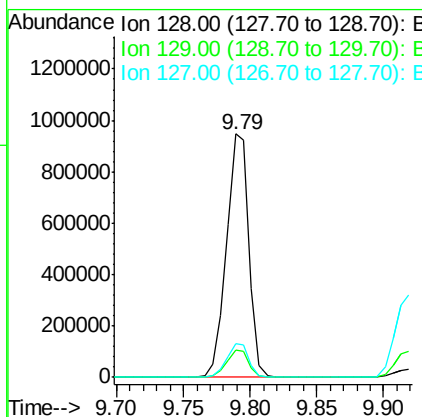
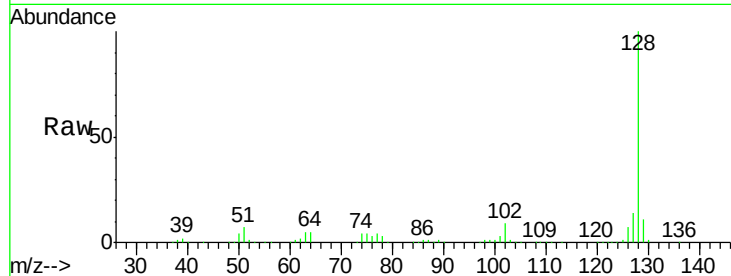
#31
Naphthalene
Concen: 53.388 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1119067
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.7 10.8 16.2

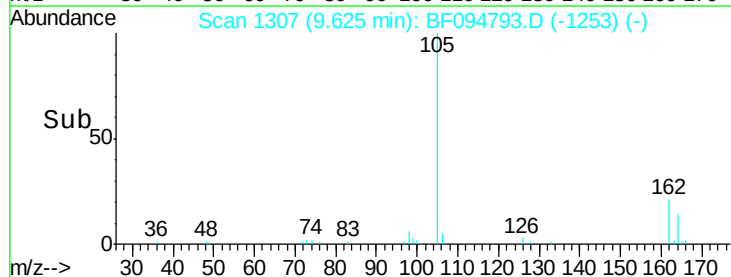
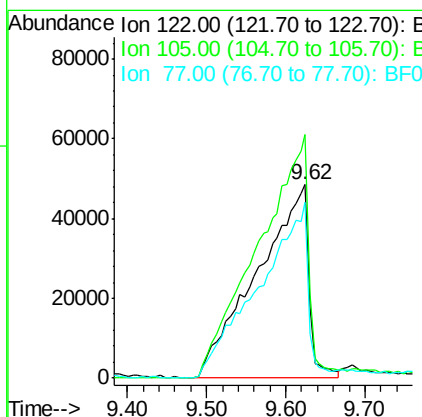
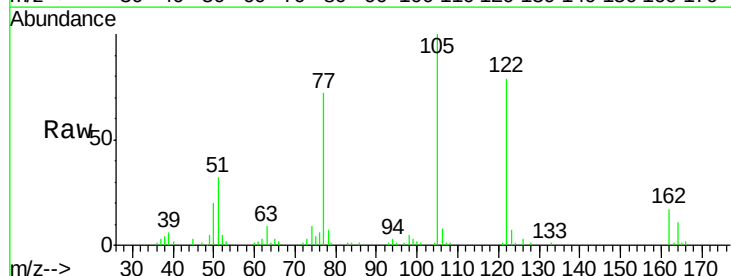
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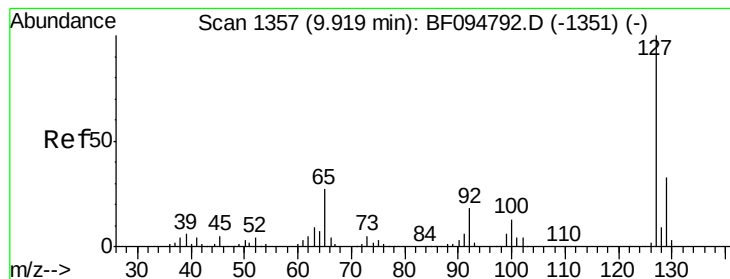
mohammad
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#32
Benzoic acid
Concen: 63.669 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion:122 Resp: 218476
Ion Ratio Lower Upper
122 100
105 126.0 103.3 143.3
77 90.7 73.7 113.7





#33

4-Chloroaniline

Concen: 49.054 ng

RT: 9.92 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

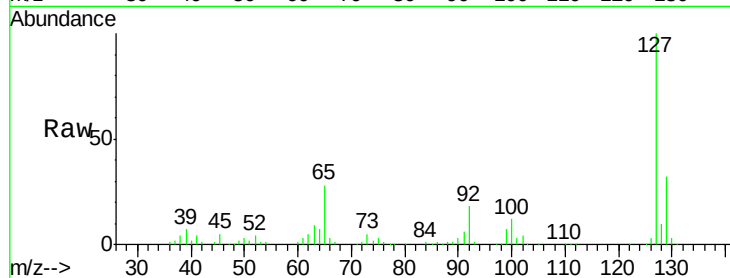
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	427744		
129	32.0	26.2	39.2	
65	27.9	27.8	41.8	
92	18.3	16.8	25.2	

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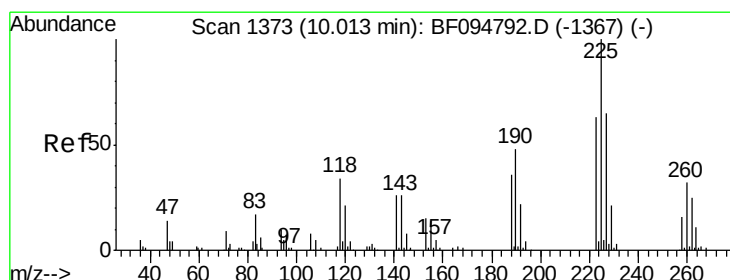
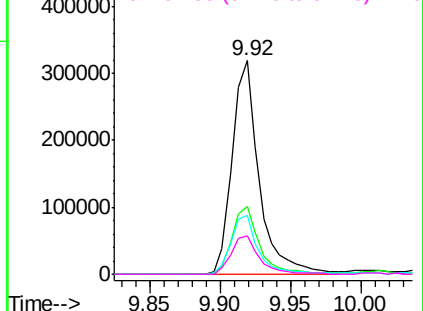
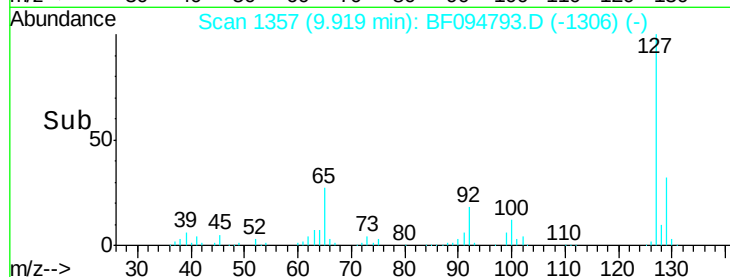


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 54.990 ng

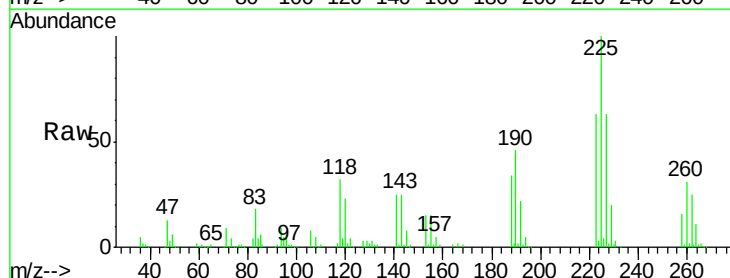
RT: 10.01 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

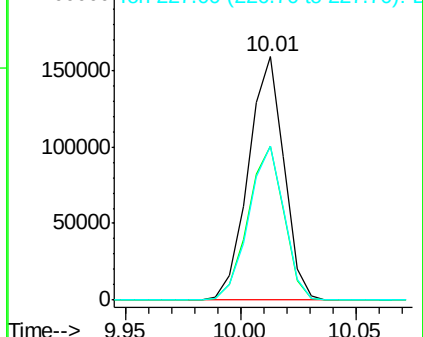
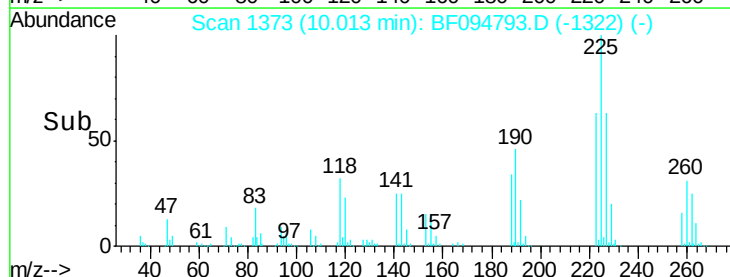
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171103		
223	63.1	48.8	73.2	
227	63.0	51.1	76.7	

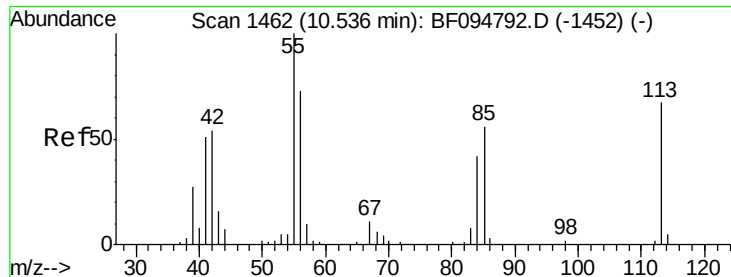


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.704 ng m

RT: 10.55 min Scan# 1465

Delta R.T. 0.02 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:113 Resp: 98051
Ion Ratio Lower Upper

113 100

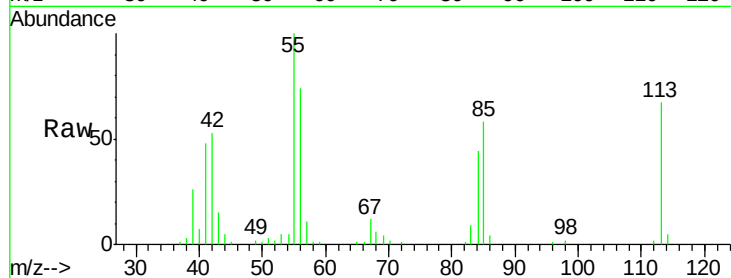
55 148.7 150.2 190.2#

56 109.4 107.8 147.8

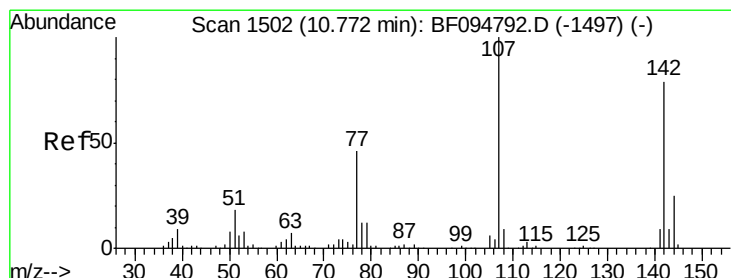
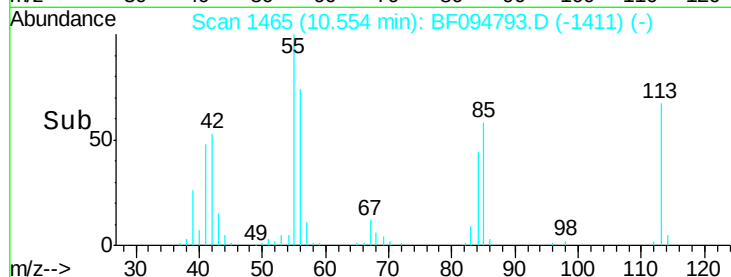
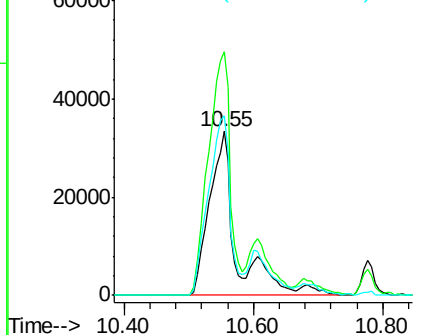
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.570 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094793.D

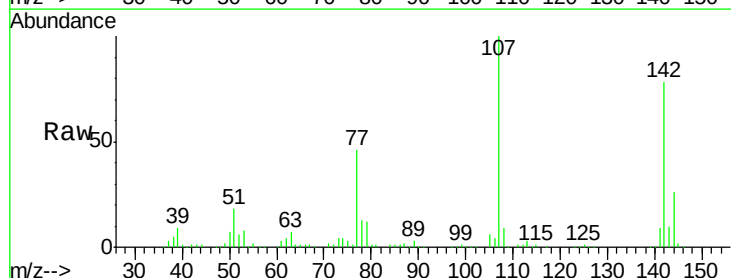
Acq: 2 May 2017 14:58

Tgt Ion:107 Resp: 332566
Ion Ratio Lower Upper

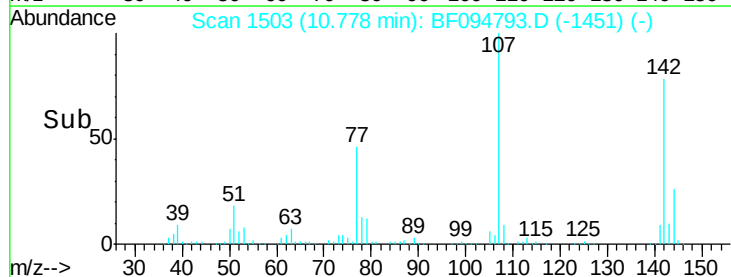
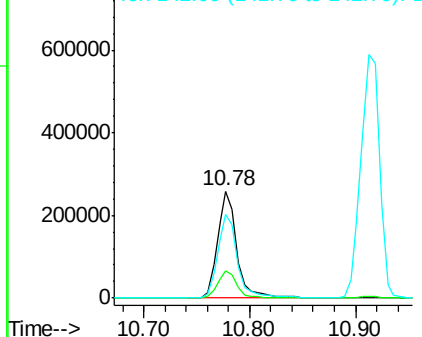
107 100

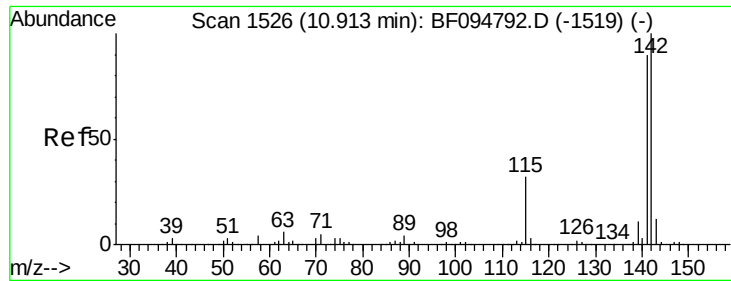
144 26.1 24.2 36.4

142 78.2 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





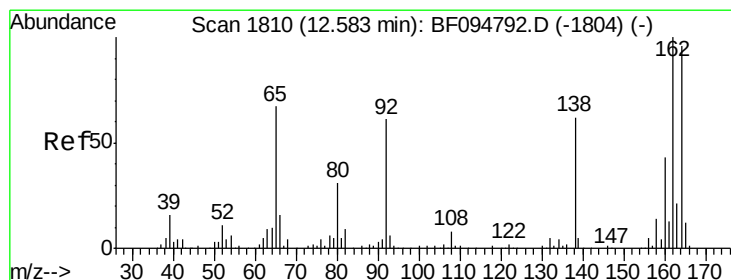
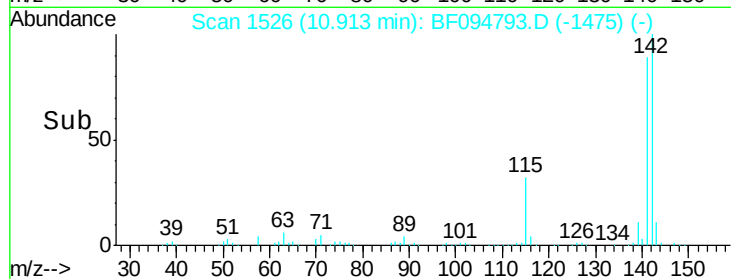
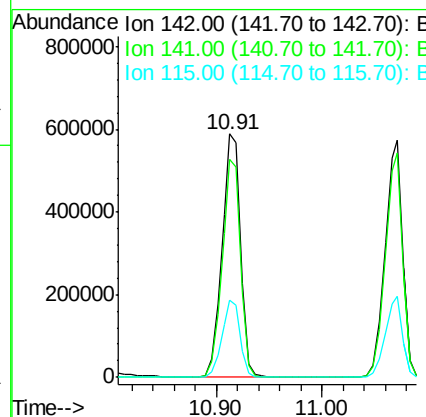
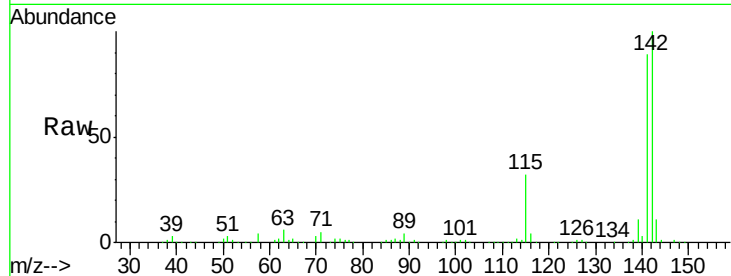
#37
 2-Methylnaphthalene
 Concen: 50.648 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	31.7	27.1	40.7

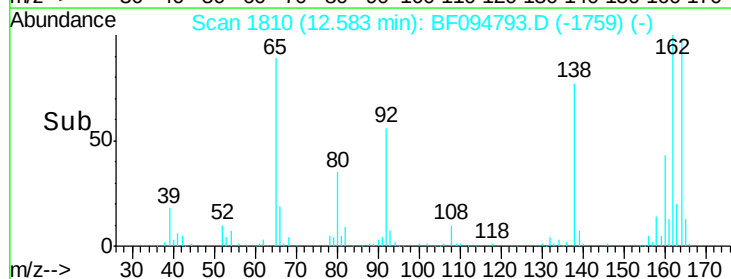
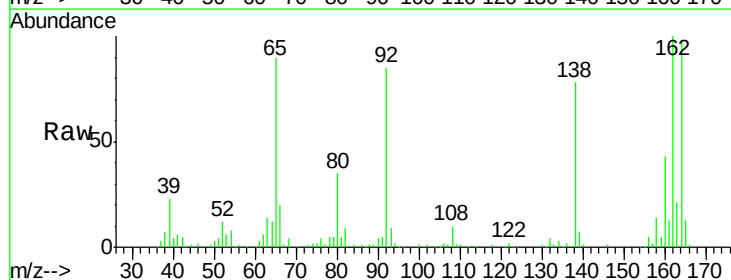
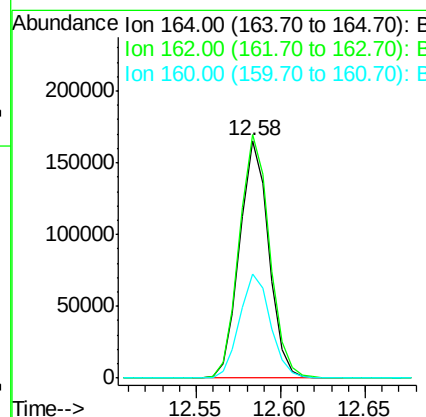
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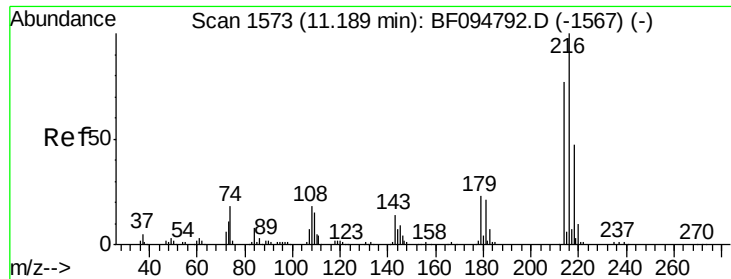
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.58 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	43.9	36.2	54.2





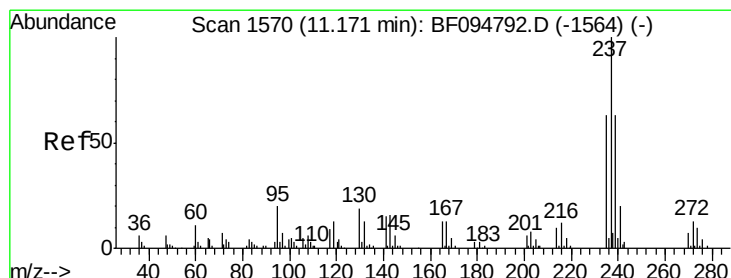
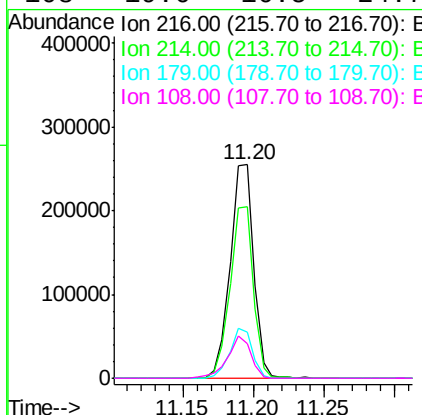
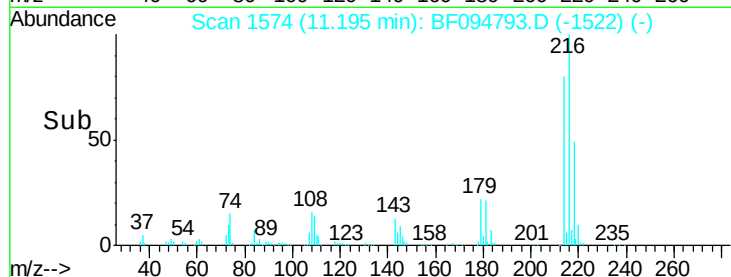
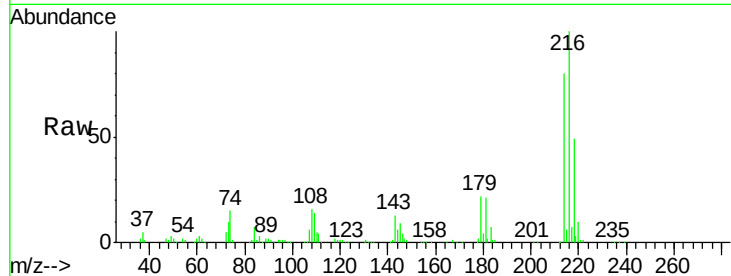
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.142 ng
 RT: 11.20 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	296022		
214	79.6	63.4	95.2	
179	22.3	17.9	26.9	
108	19.6	16.5	24.7	

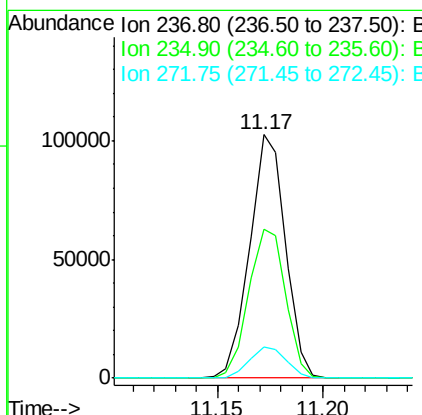
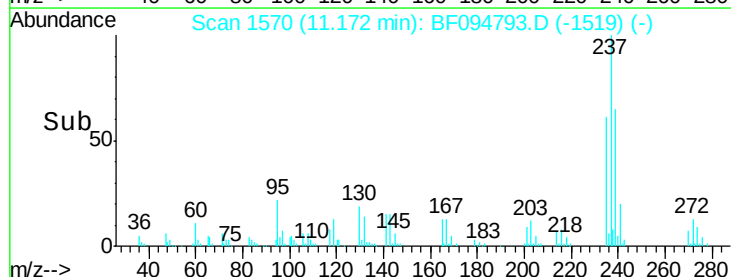
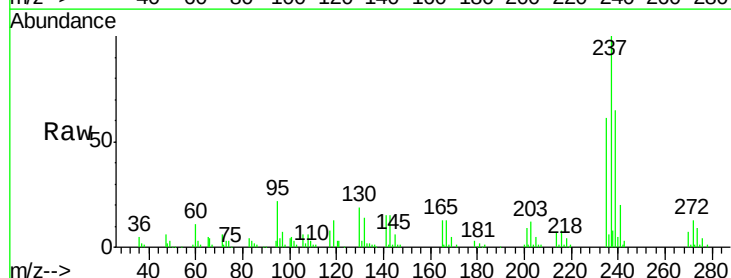
Manual Integrations
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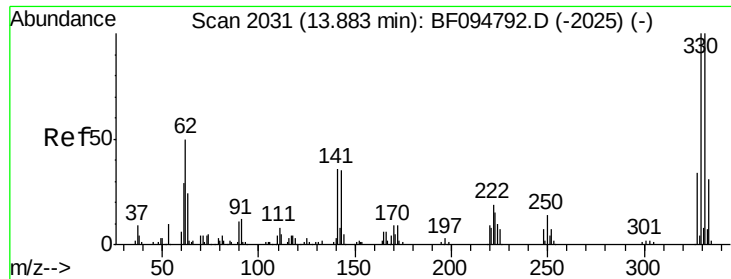
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#40
 Hexachlorocyclopentadiene
 Concen: 52.586 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	120773		
235	60.9	42.6	82.6	
272	12.7	0.0	31.9	





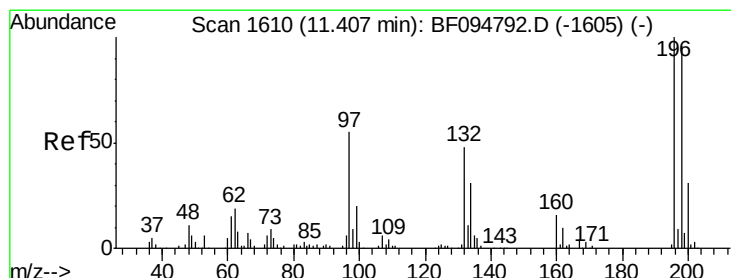
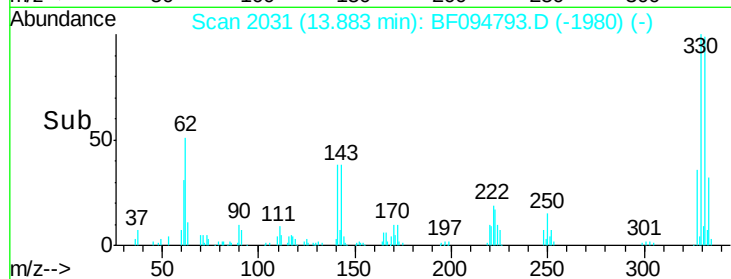
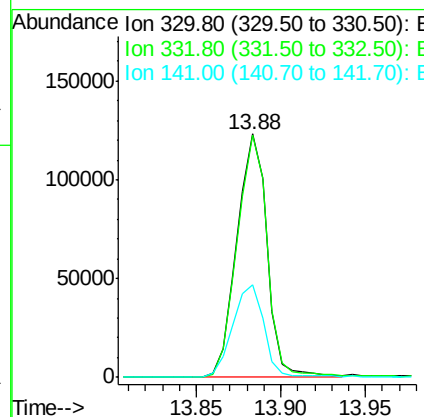
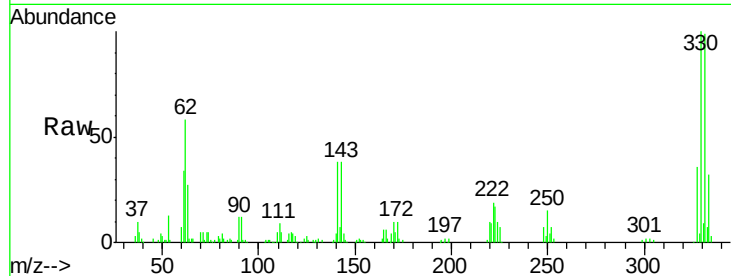
#41
 2,4,6-Tribromophenol
 Concen: 98.650 ng
 RT: 13.88 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	153840		
332	99.8	76.6	115.0	
141	39.8	31.4	47.2	

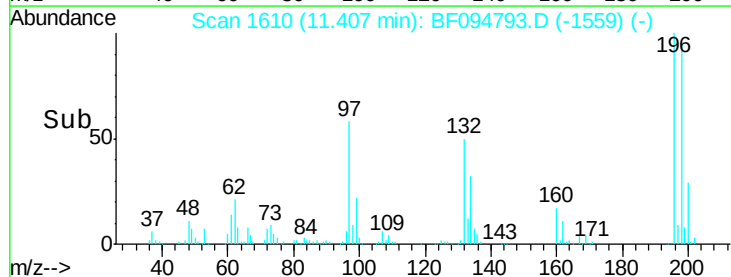
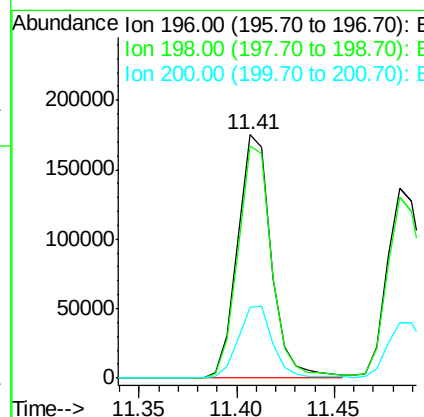
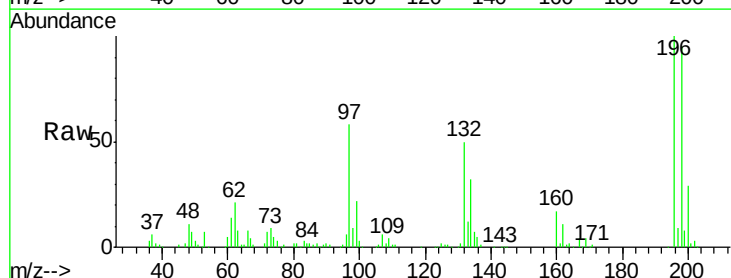
Manual Integrations
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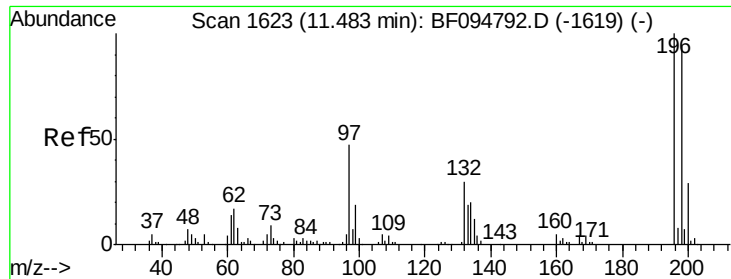
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 52.774 ng
 RT: 11.41 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210404		
198	95.1	74.2	111.4	
200	28.9	24.0	36.0	





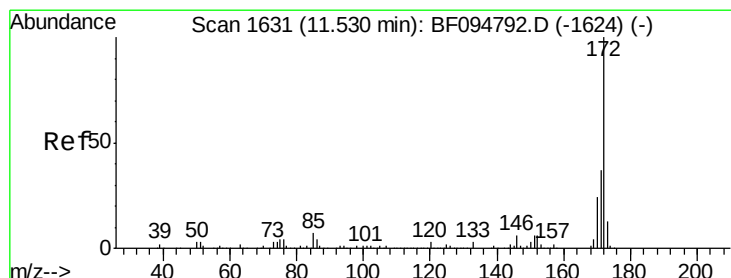
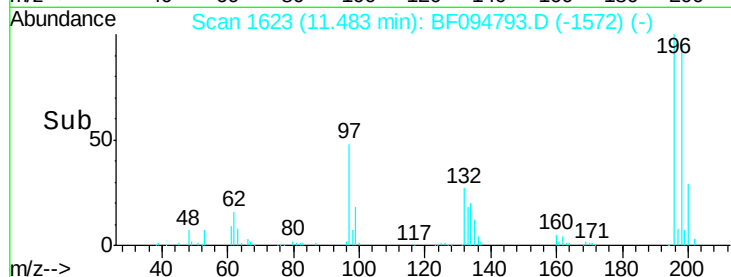
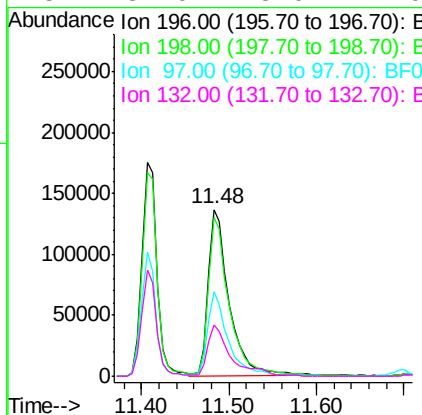
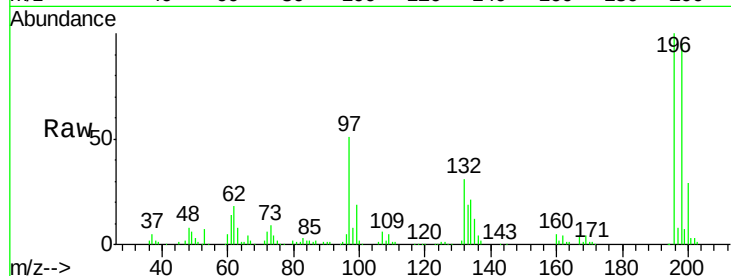
#43
 2,4,5-Trichlorophenol
 Concen: 55.657 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	227871		
198	95.4	75.7	113.5	
97	51.1	47.7	71.5	
132	31.0	28.0	42.0	

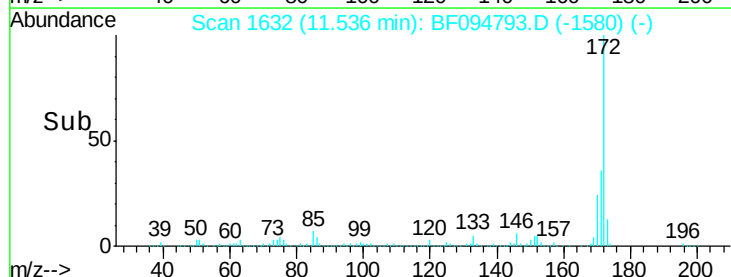
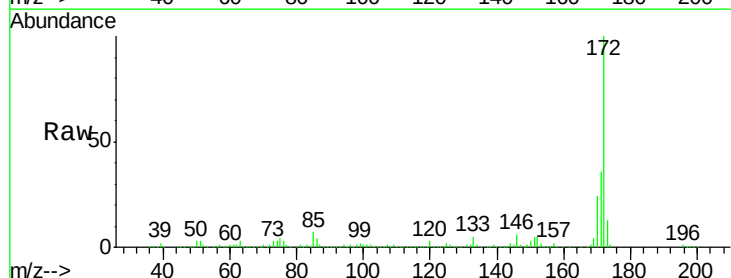
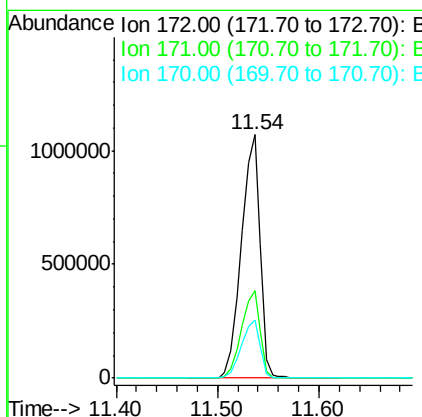
Manual Integrations
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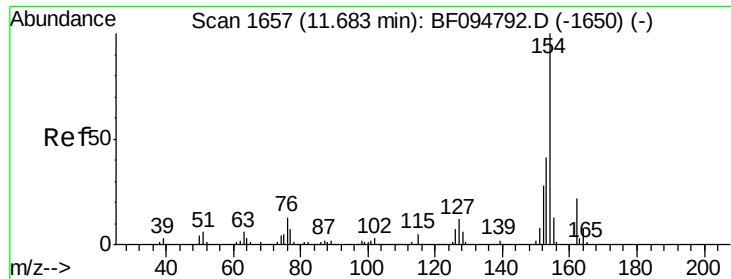
mohammad
 5/4/2017 1:42:07 PM



#44
 2-Fluorobiphenyl
 Concen: 100.984 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1368368		
171	35.9	29.6	44.4	
170	23.7	19.8	29.8	





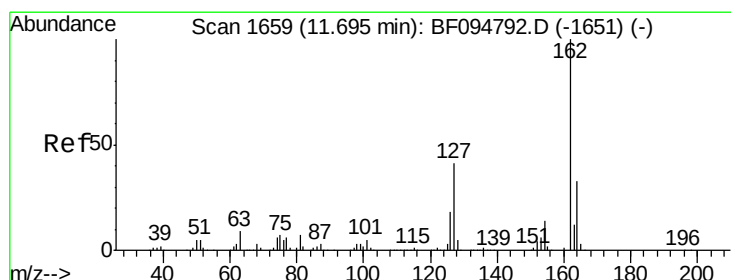
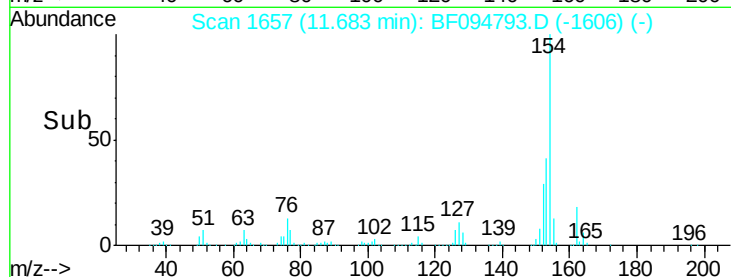
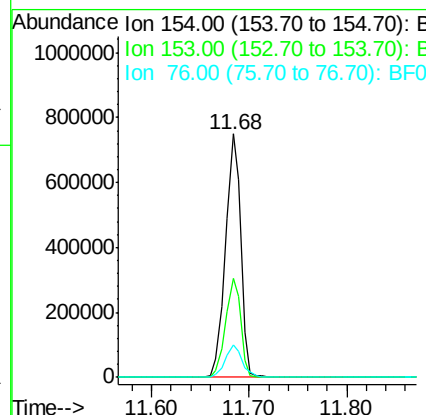
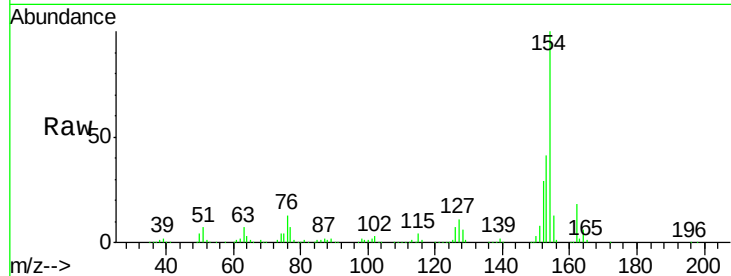
#45
 1,1'-Biphenyl
 Concen: 49.998 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.1	0.0	29.9

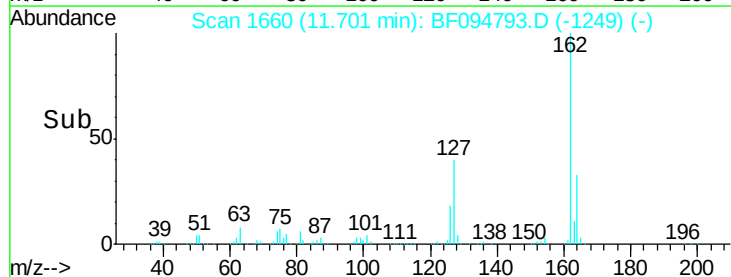
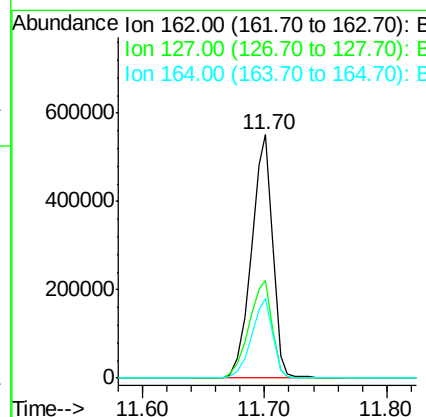
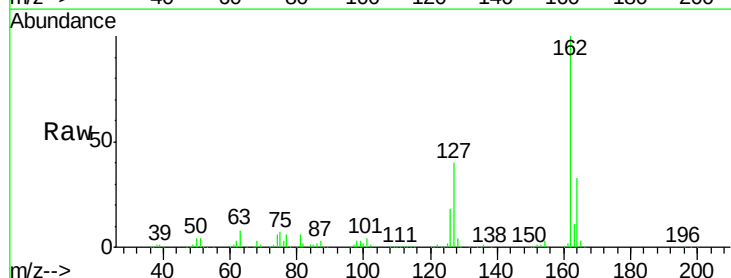
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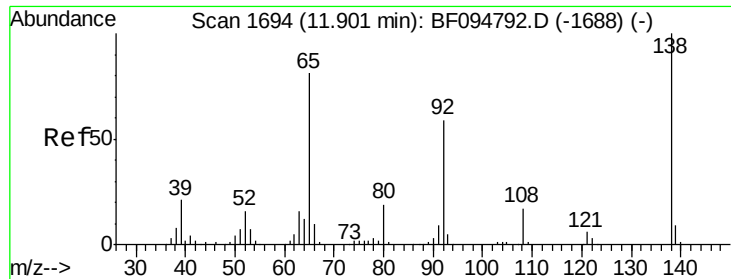
mohammad
 5/4/2017 1:42:07 PM



#46
 2-Chloronaphthalene
 Concen: 51.116 ng m
 RT: 11.70 min Scan# 1660
 Delta R.T. 2.12 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	28.3	42.5
164	32.7	27.0	40.4





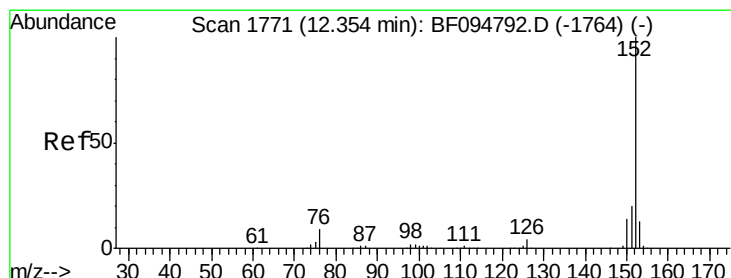
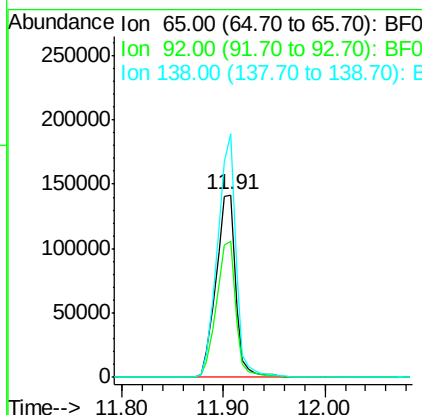
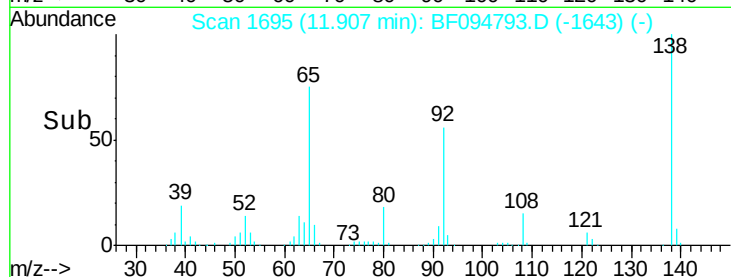
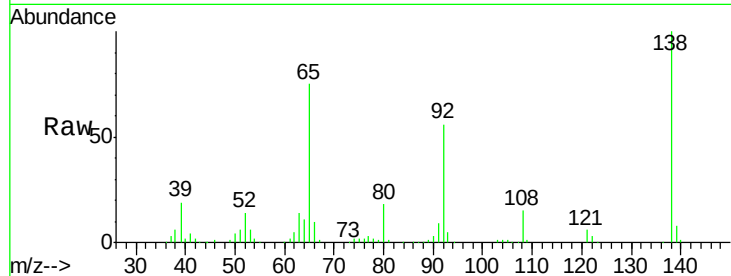
#47
2-Nitroaniline
Concen: 51.663 ng
RT: 11.91 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 65 Resp: 192491
Ion Ratio Lower Upper
65 100
92 74.5 53.9 80.9
138 133.6 78.8 118.2#

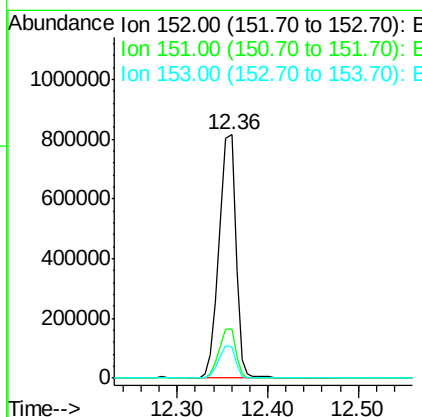
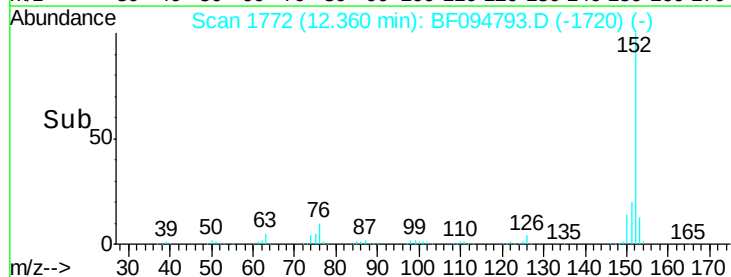
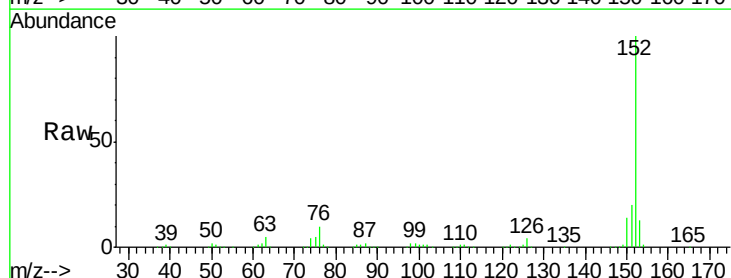
Manual Integrations
APPROVED

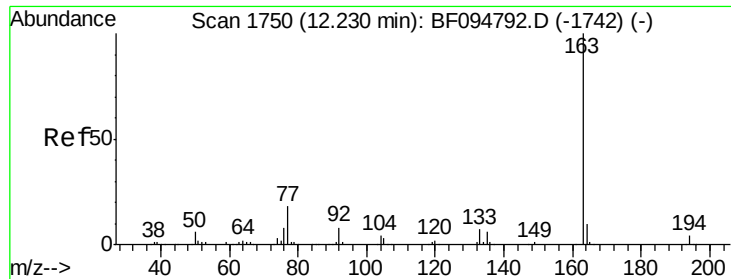
mohammad
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#48
Acenaphthylene
Concen: 51.769 ng
RT: 12.36 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion: 152 Resp: 1045256
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.8 10.8 16.2





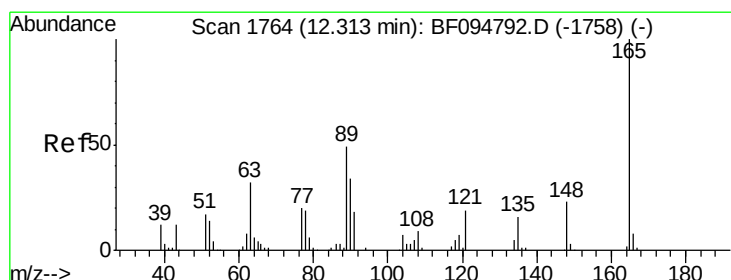
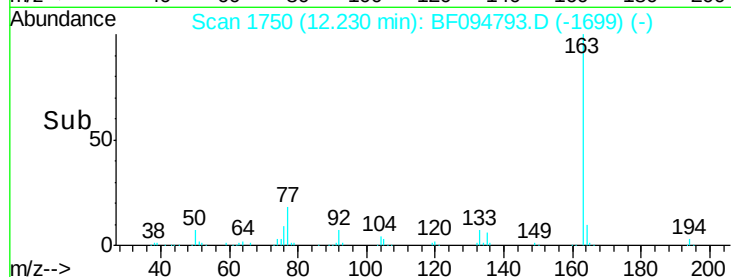
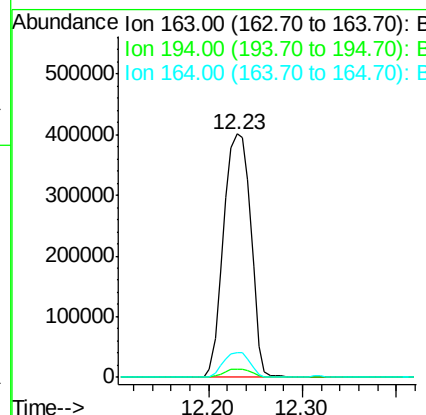
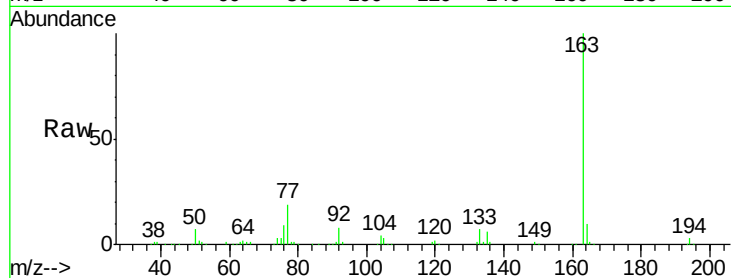
#49
Dimethylphthalate
Concen: 54.739 ng
RT: 12.23 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	813305		
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

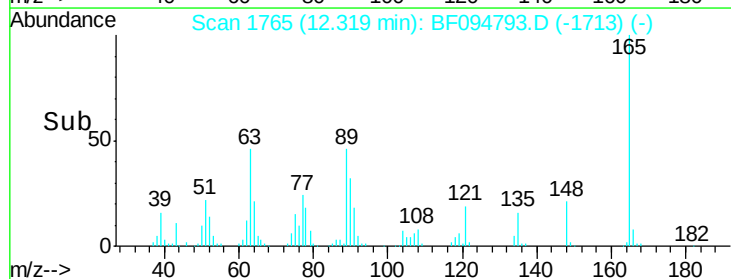
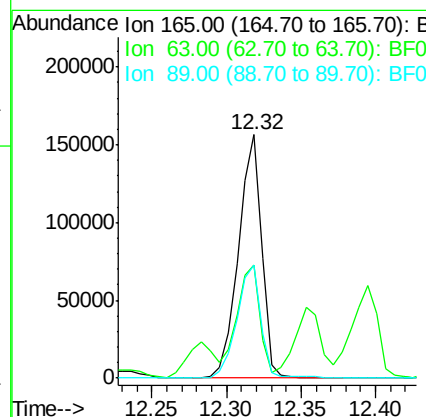
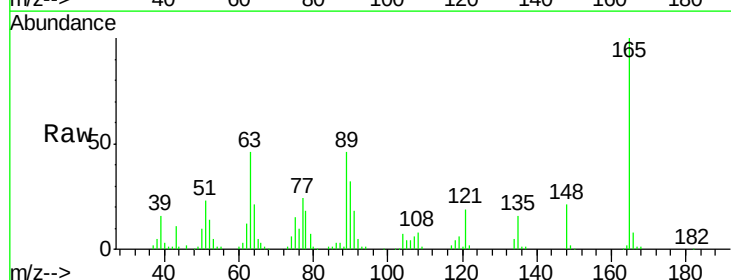
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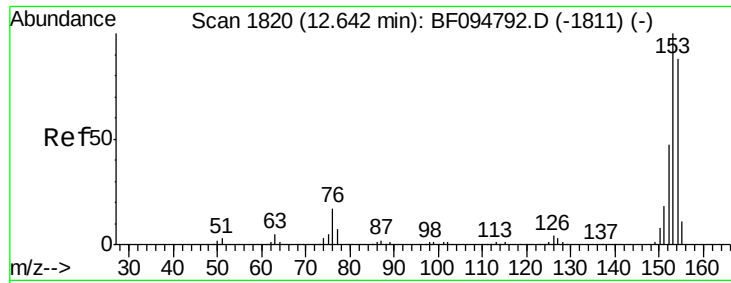
mohammad
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#50
2,6-Dinitrotoluene
Concen: 51.331 ng
RT: 12.32 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171186		
63	46.2	34.3	51.5	
89	46.3	37.1	55.7	





#51

Acenaphthene

Concen: 51.386 ng m

RT: 12.64 min Scan# 1820

Delta R.T. 0.96 min

Lab File: BF094793.D

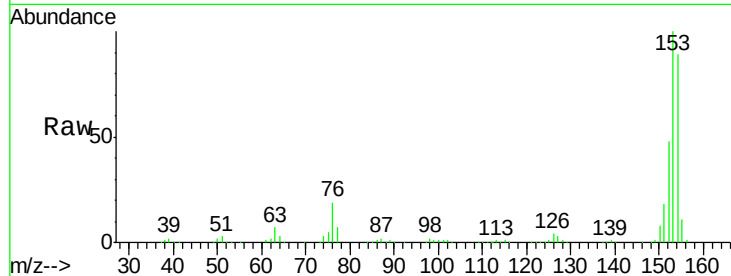
Acq: 2 May 2017 14:58

Instrument :

BNA_F

ClientSampleId :

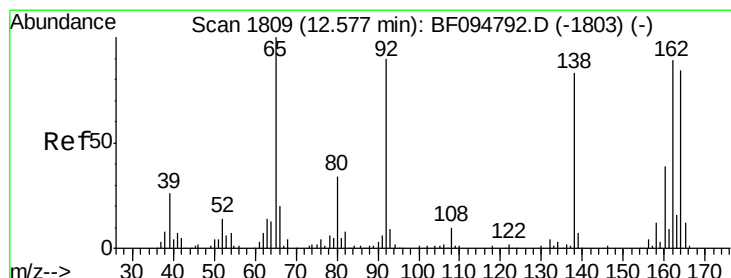
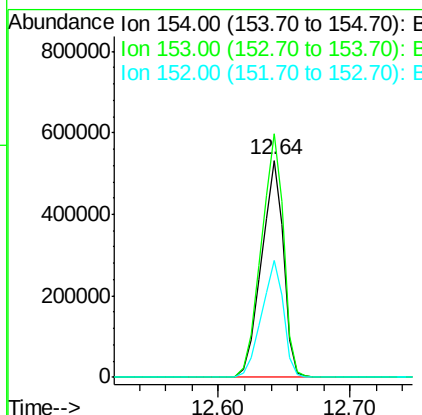
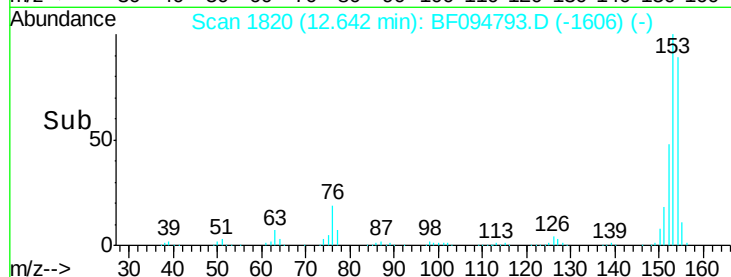
SSTDICC050



Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.5	135.7
152	53.9	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 48.447 ng

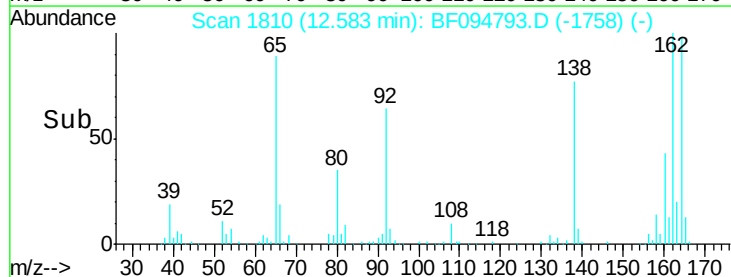
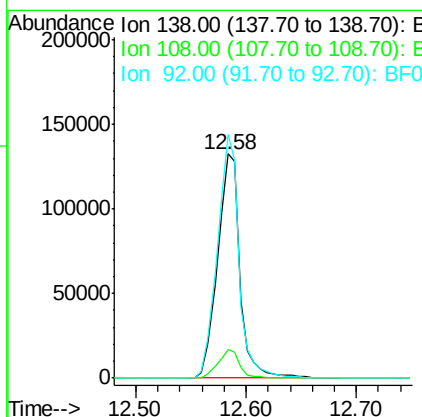
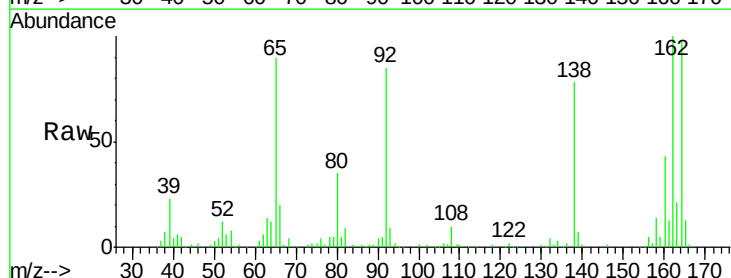
RT: 12.58 min Scan# 1810

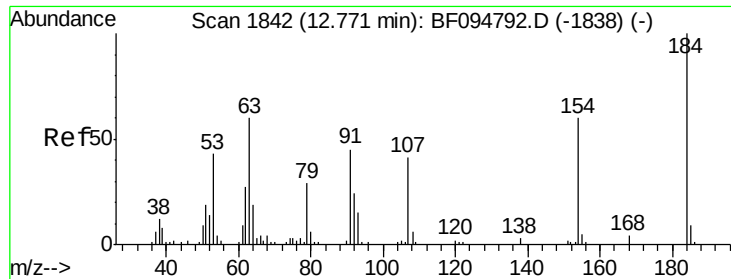
Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.6	9.1	13.7
92	108.5	93.8	140.6





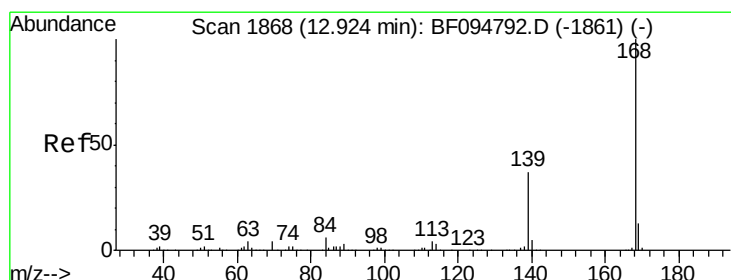
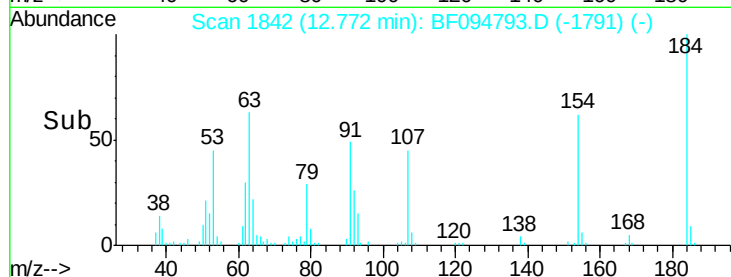
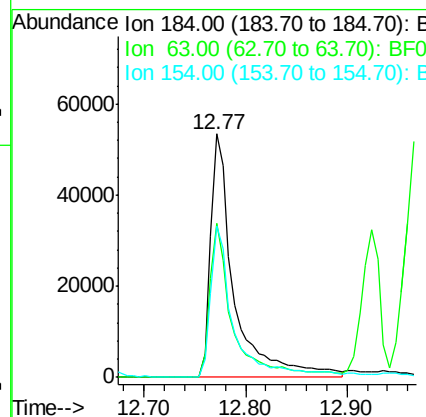
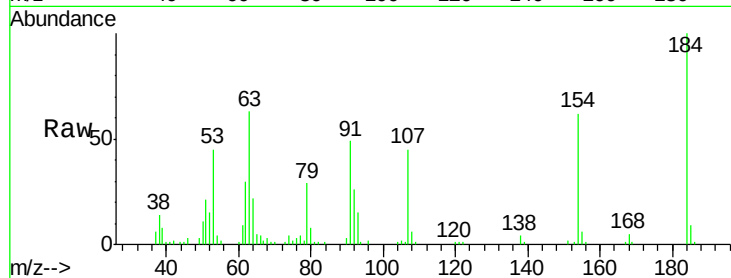
#53
2,4-Dinitrophenol
Concen: 54.566 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:184 Resp: 86125
Ion Ratio Lower Upper
184 100
63 63.1 62.7 94.1
154 62.2 81.1 121.7#

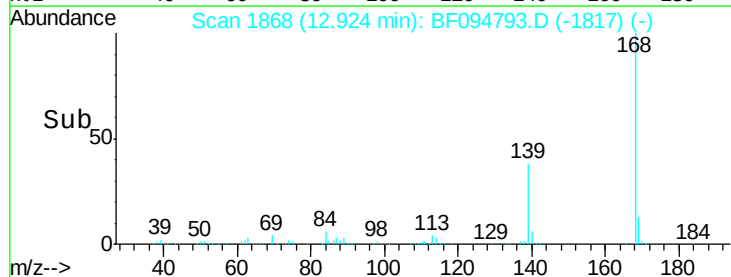
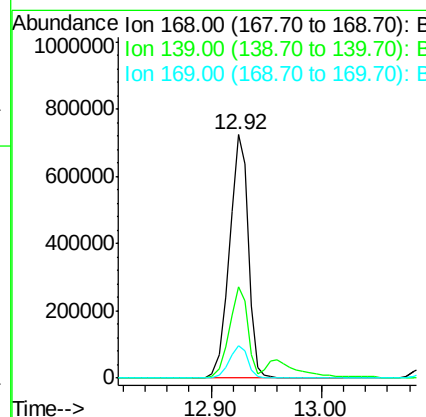
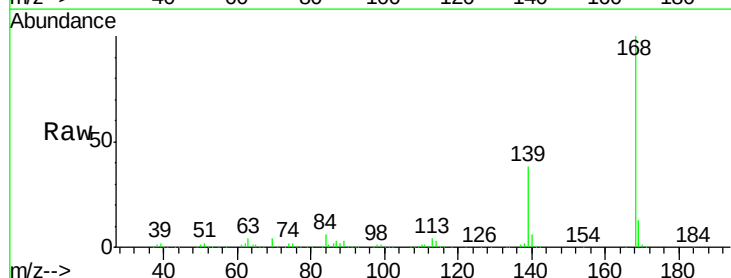
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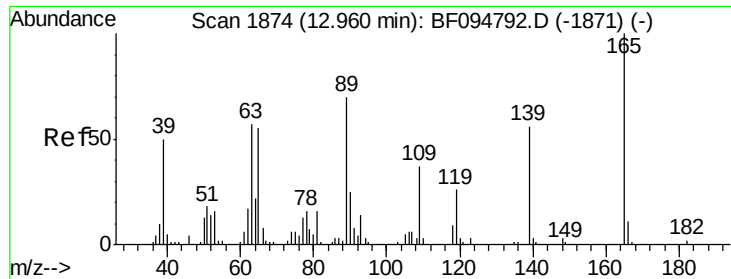
mohammad
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#54
Dibenzofuran
Concen: 49.190 ng
RT: 12.92 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion:168 Resp: 864609
Ion Ratio Lower Upper
168 100
139 37.7 30.6 45.8
169 13.3 10.8 16.2





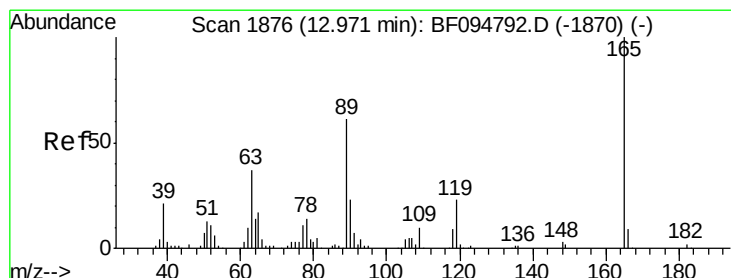
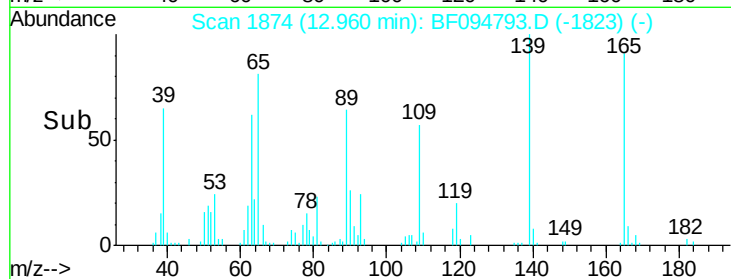
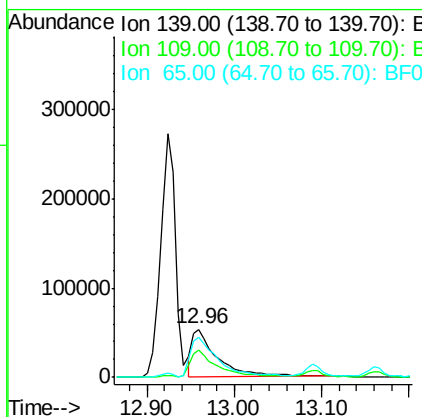
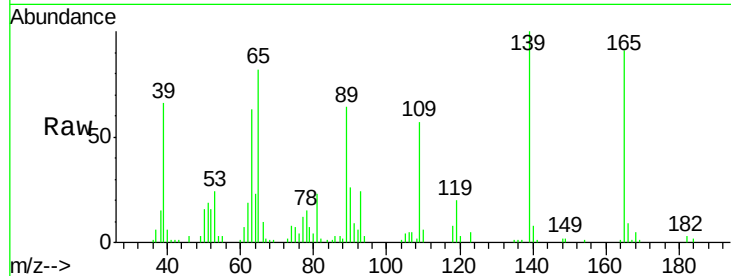
#55
4-Nitrophenol
Concen: 39.741 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	108330		
109	57.4	34.1	74.1	
65	82.3	31.4	71.4	

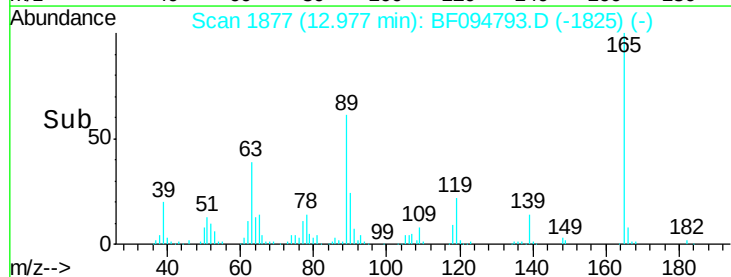
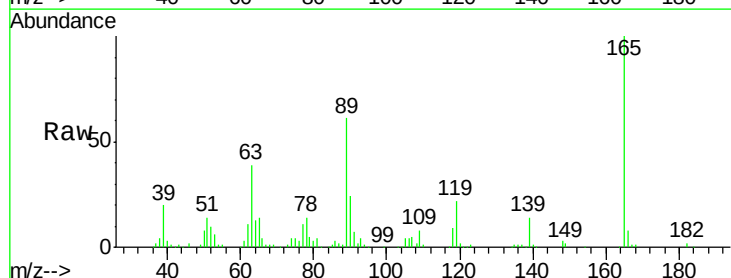
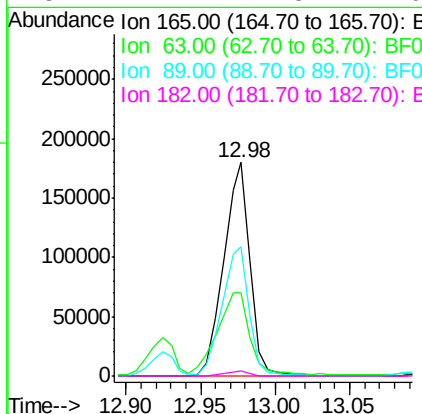
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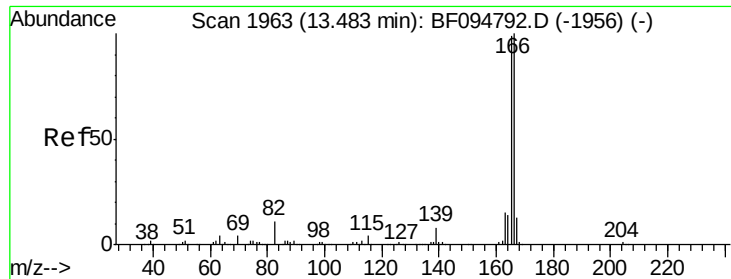
mohammad
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#56
2,4-Dinitrotoluene
Concen: 54.435 ng
RT: 12.98 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	222753		
63	39.0	25.4	38.0	
89	60.6	46.4	69.6	
182	2.4	1.8	2.6	





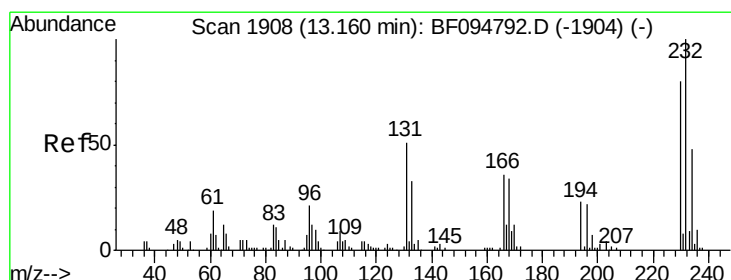
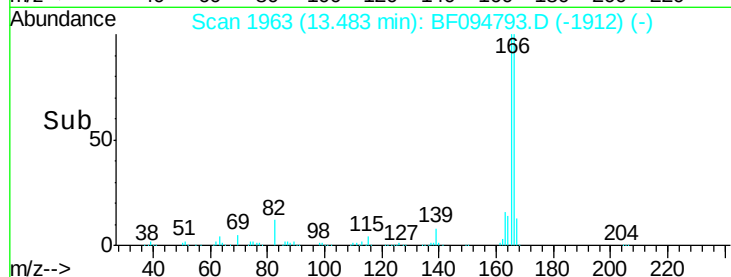
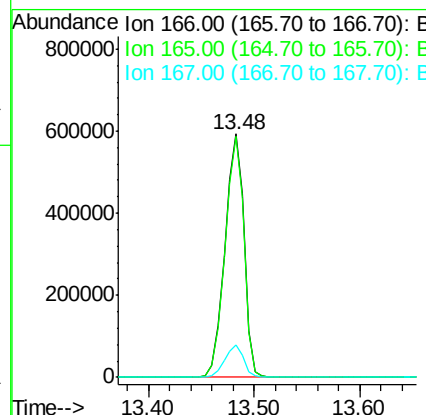
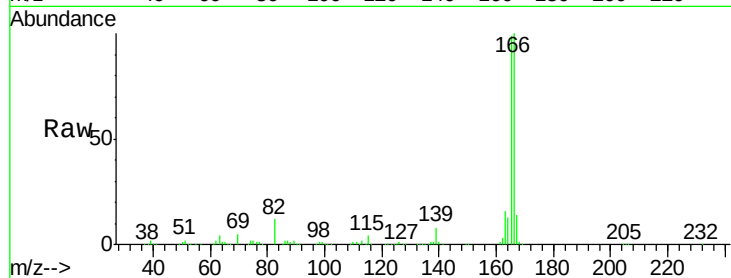
#57
Fluorene
 Concen: 54.709 ng
 RT: 13.48 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	748818		
165	99.1	78.8	118.2	
167	13.5	10.6	16.0	

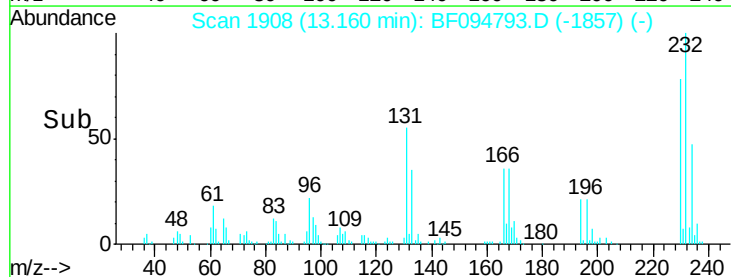
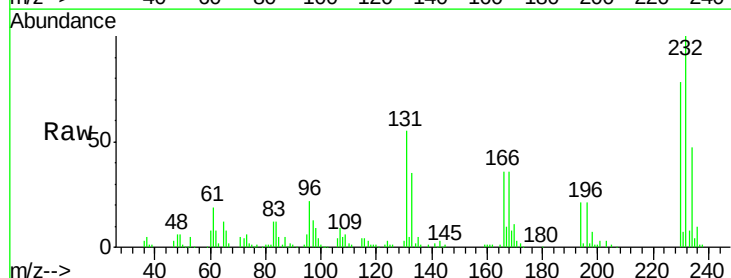
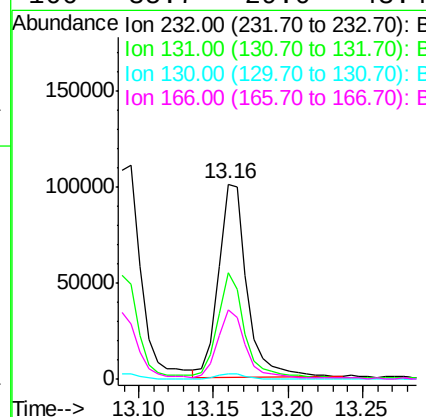
Manual Integrations
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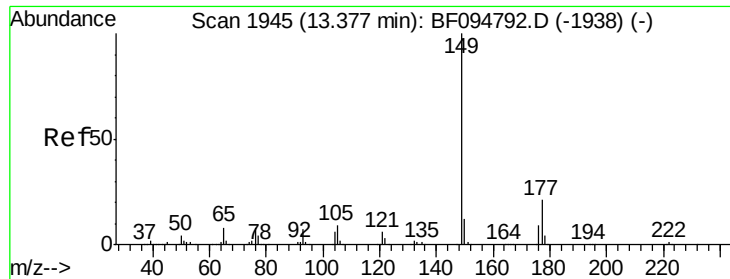
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.723 ng
 RT: 13.16 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	134177		
131	52.5	44.8	67.2	
130	2.5	2.3	3.5	
166	35.7	29.0	43.4	





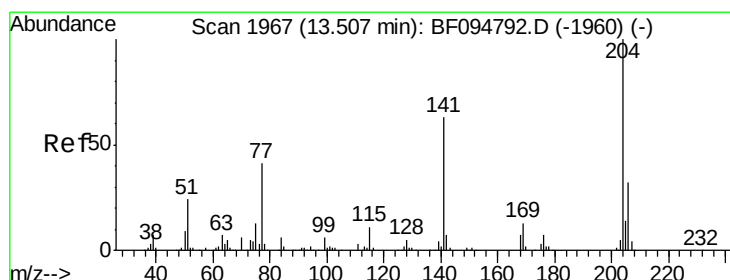
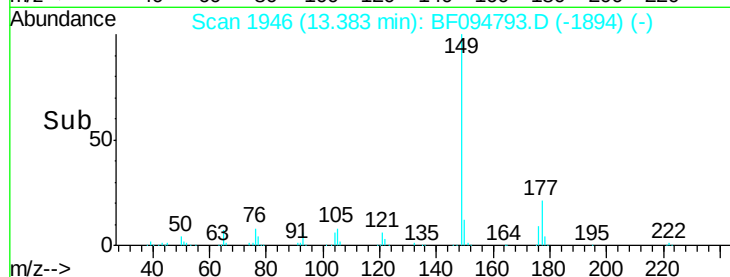
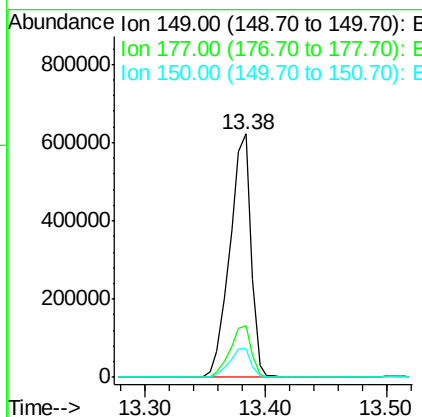
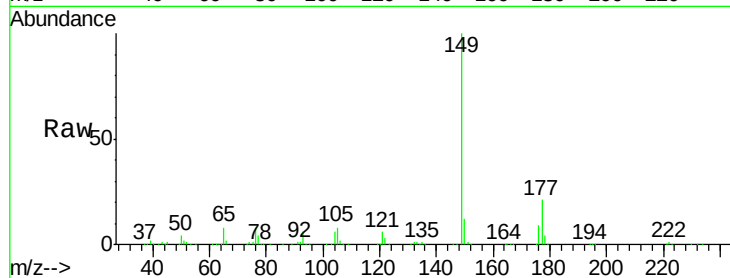
#59
Diethylphthalate
Concen: 54.460 ng
RT: 13.38 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	763477		
177	21.4	16.7	25.1	
150	11.8	10.2	15.2	

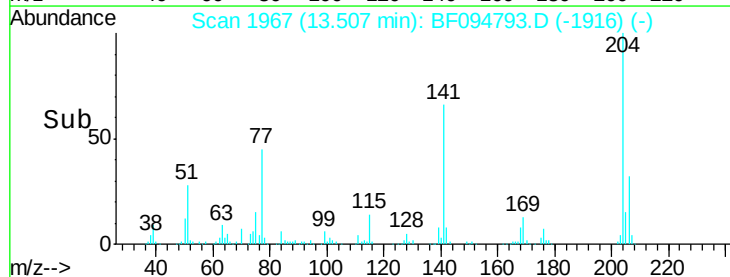
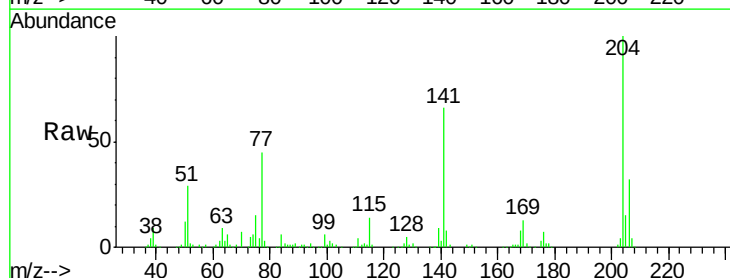
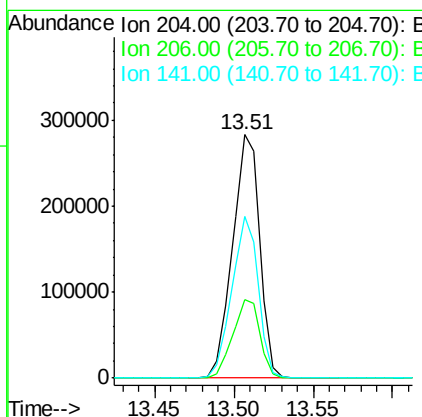
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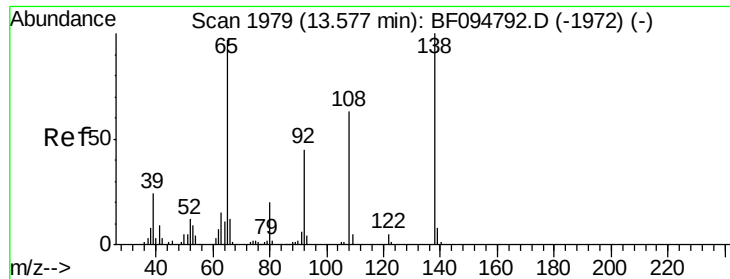
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#60
4-Chlorophenyl-phenylether
Concen: 58.727 ng
RT: 13.51 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	334523		
206	32.2	26.2	39.2	
141	66.2	60.8	91.2	





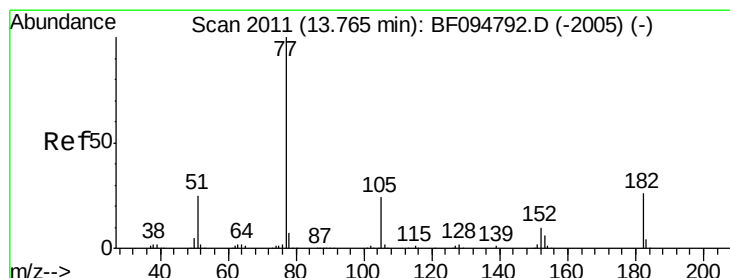
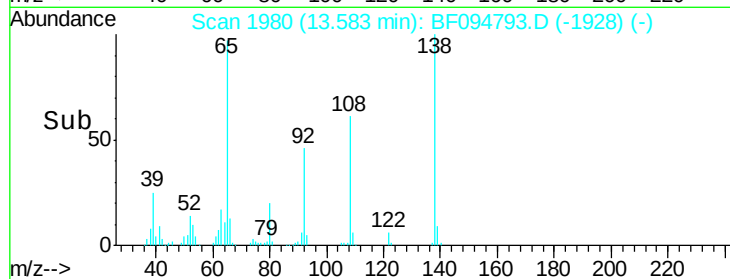
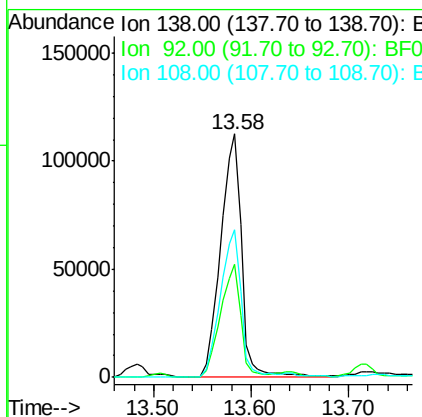
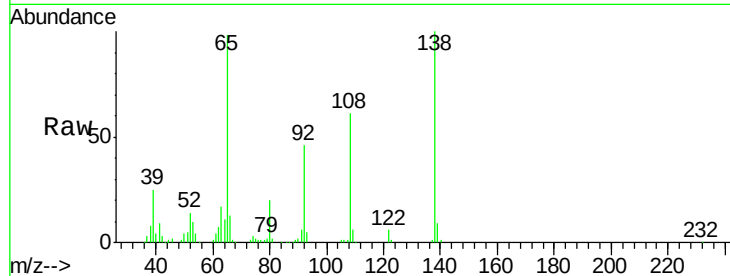
#61
4-Nitroaniline
Concen: 42.913 ng
RT: 13.58 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	168323		
92	46.2	21.8	61.8	
108	60.7	42.3	82.3	

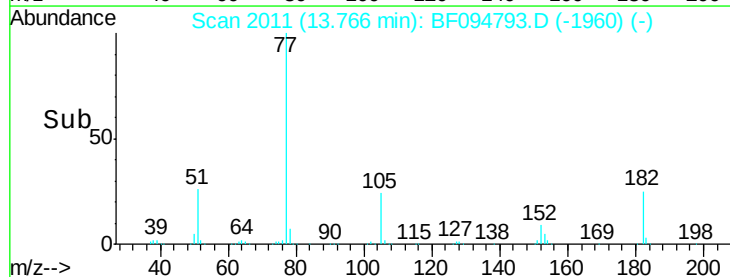
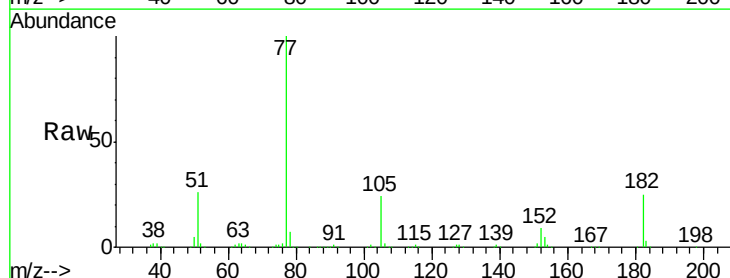
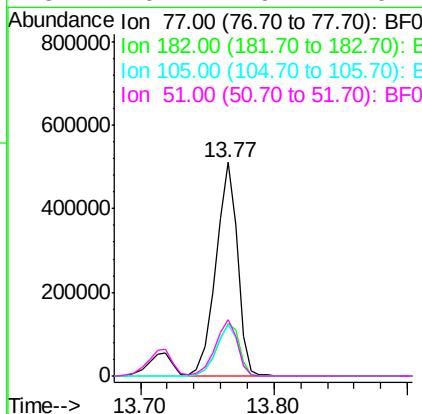
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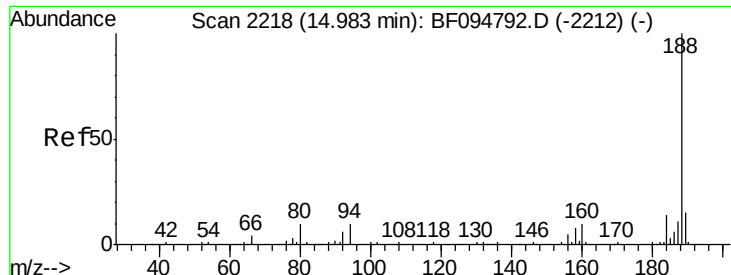
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#62
Azobenzene
Concen: 42.817 ng
RT: 13.77 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	582795		
182	24.5	0.1	40.1	
105	23.8	3.6	43.6	
51	26.4	9.4	49.4	





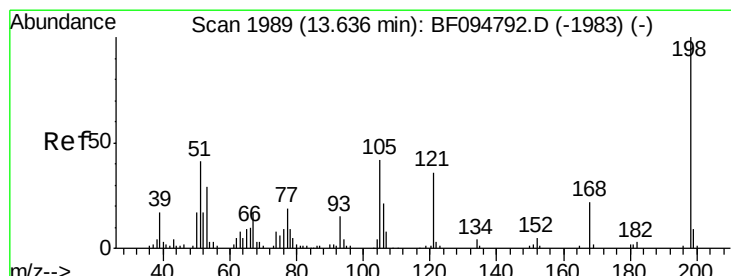
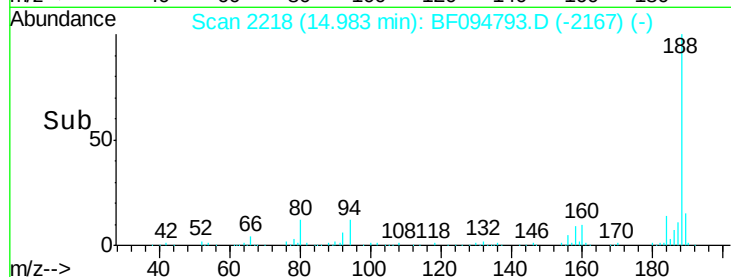
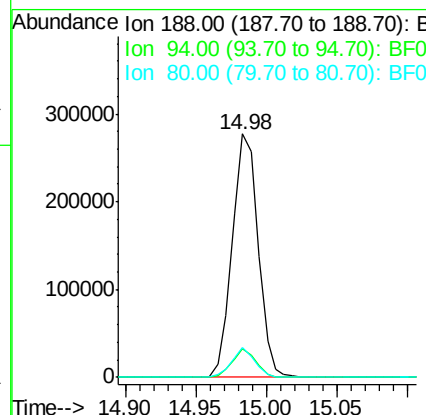
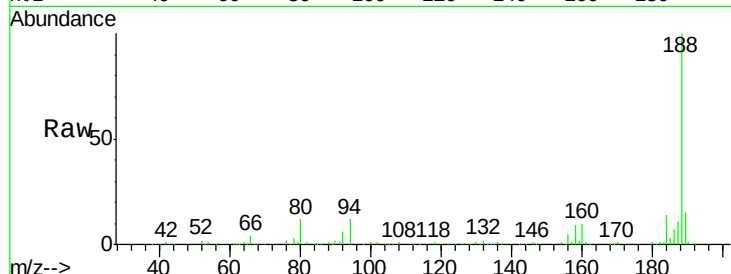
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.6	9.4	14.2
80	12.5	10.2	15.2

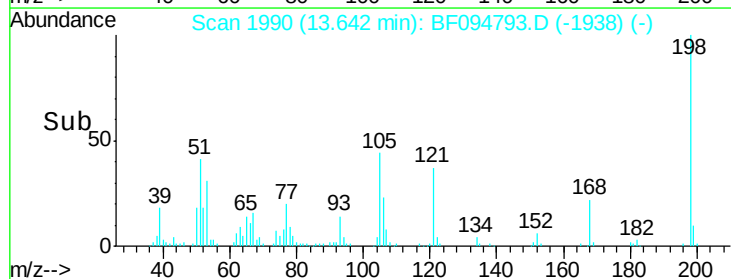
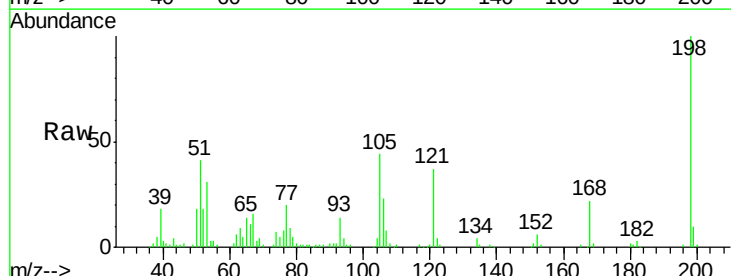
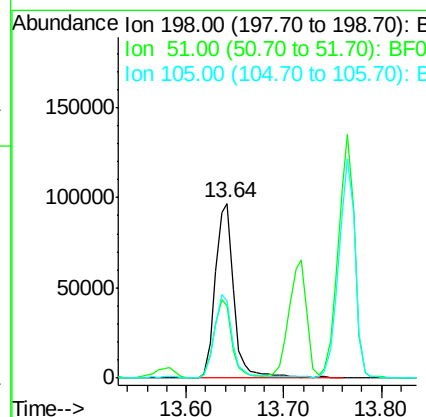
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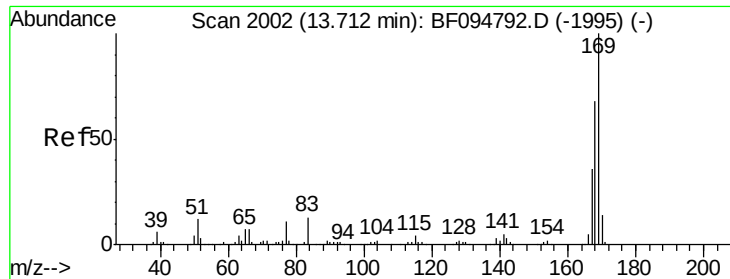
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.212 ng
 RT: 13.64 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	41.1	53.2	93.2#
105	44.4	45.8	85.8#





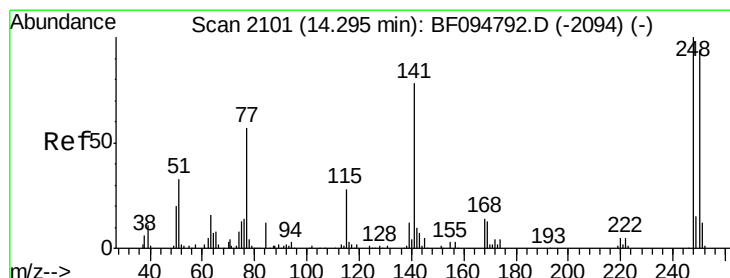
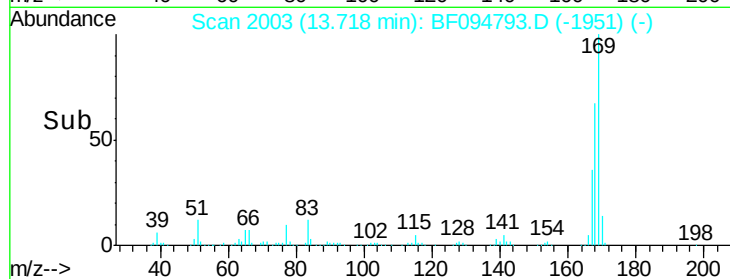
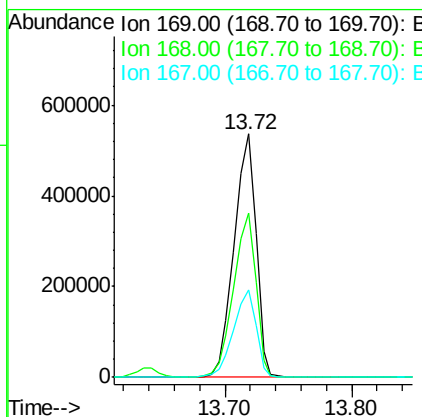
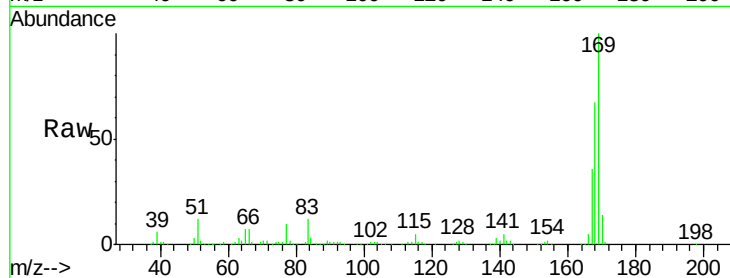
#65
n-Nitrosodiphenylamine
Concen: 52.087 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	642607		
168	67.4	53.2	79.8	
167	36.1	29.5	44.3	

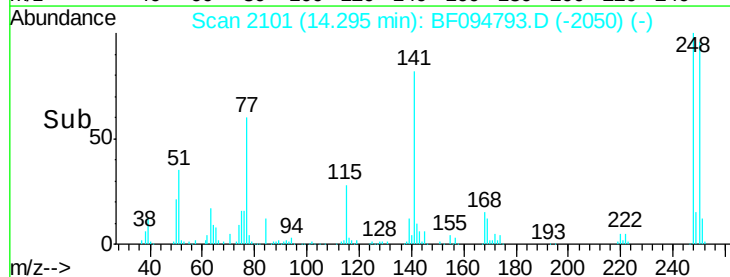
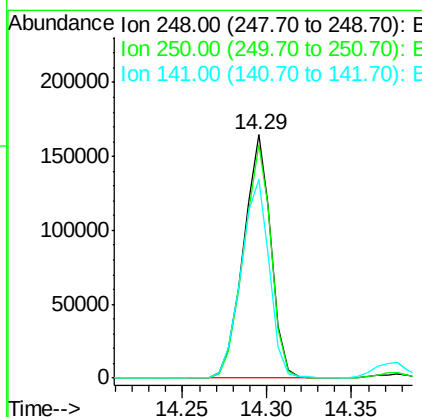
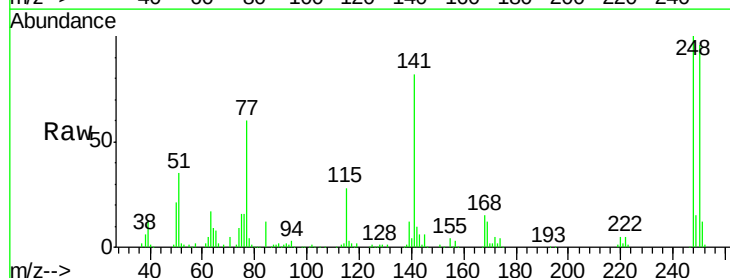
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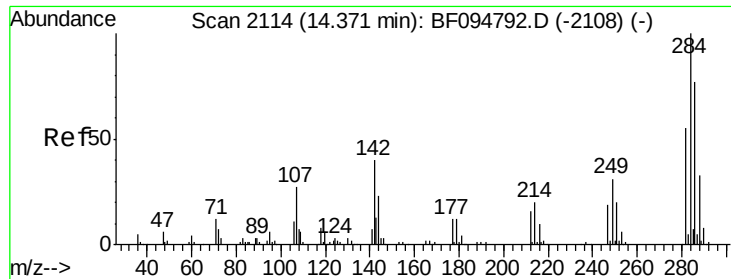
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#66
4-Bromophenyl-phenylether
Concen: 52.907 ng
RT: 14.29 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	186358		
250	95.6	76.8	115.2	
141	81.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 54.350 ng

RT: 14.38 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

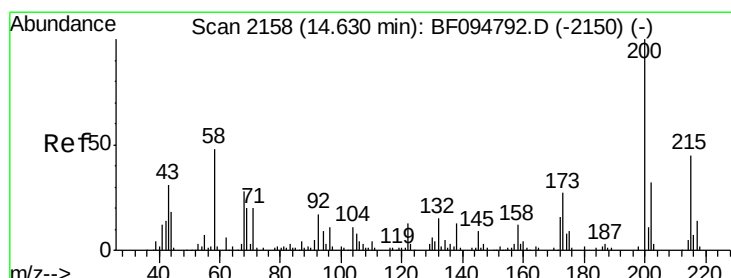
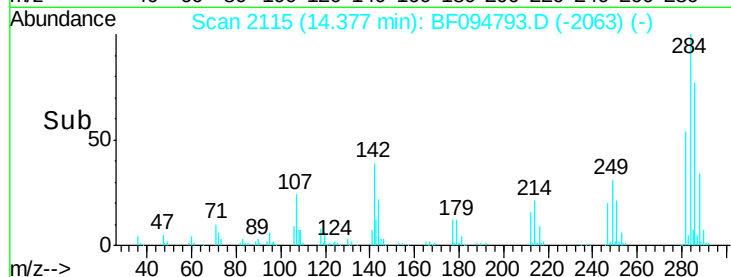
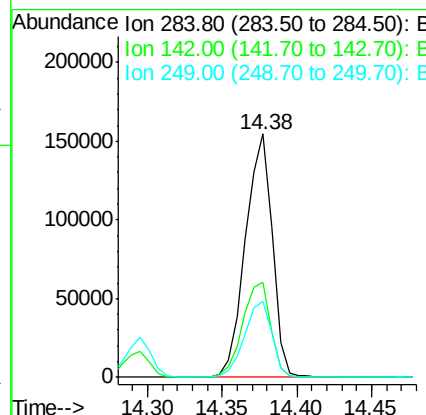
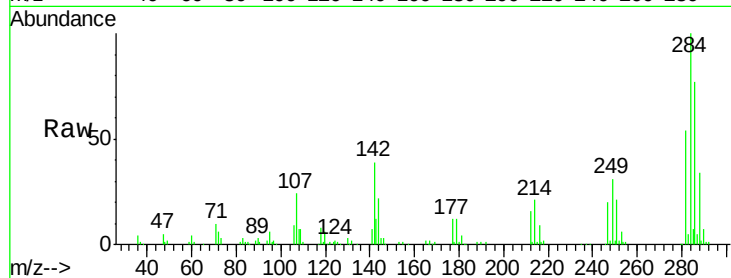
ClientSampleId :

SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	192930		
142	39.2	22.8	34.2#	
249	31.0	24.0	36.0	

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#68

Atrazine

Concen: 50.096 ng

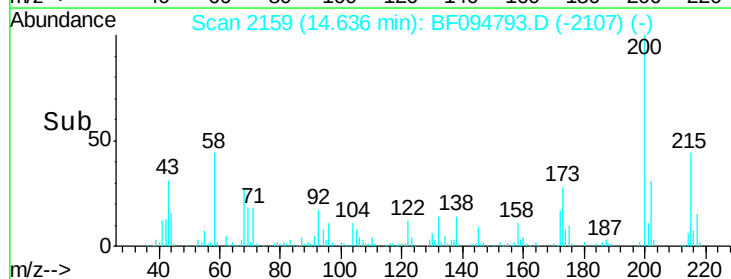
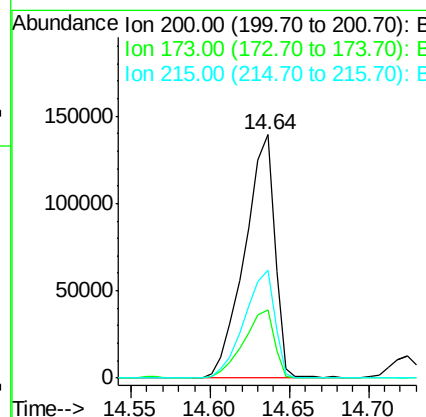
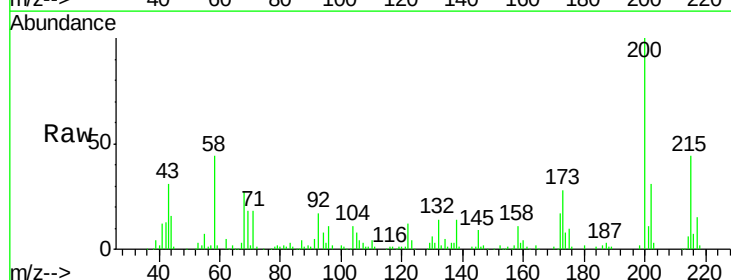
RT: 14.64 min Scan# 2159

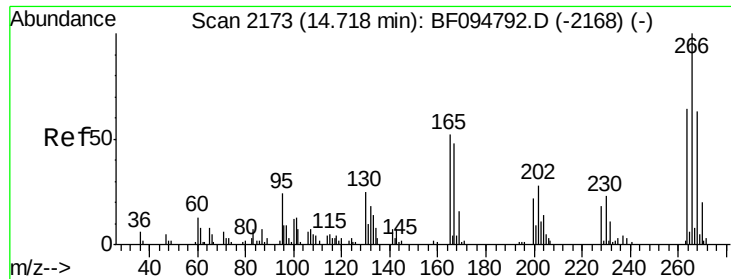
Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	184893		
173	28.3	6.3	46.3	
215	44.3	27.2	67.2	





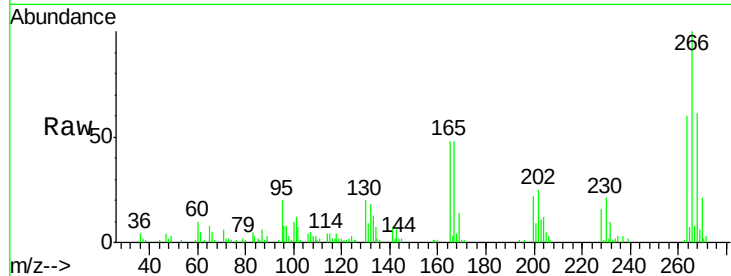
#69
 Pentachlorophenol
 Concen: 60.790 ng
 RT: 14.72 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

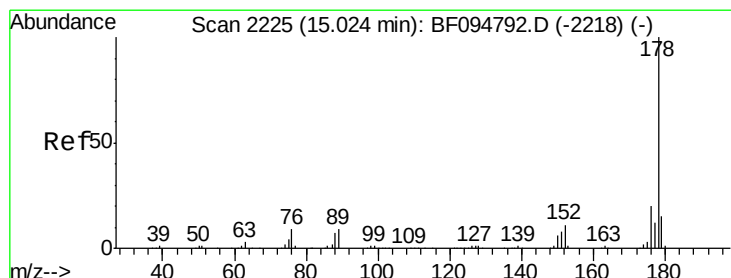
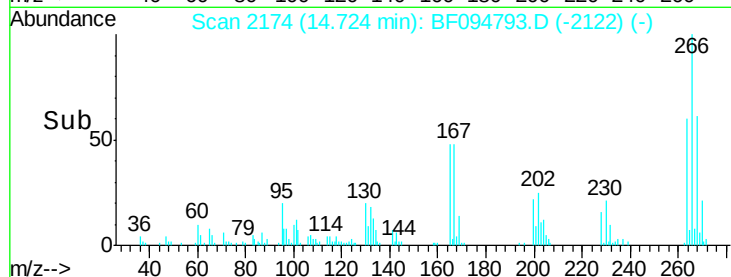
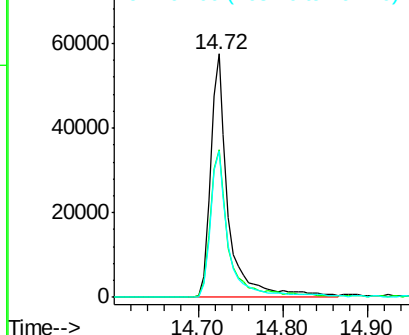
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	85685		
268	60.8		51.1	76.7
264	60.3		51.7	77.5

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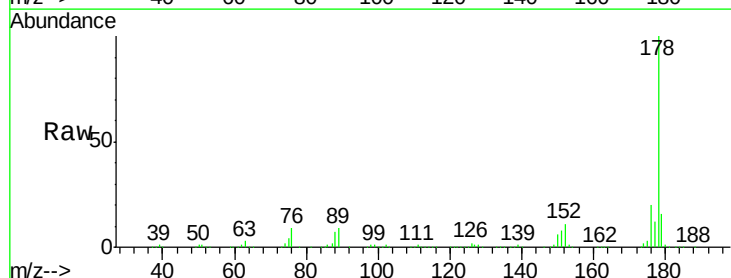


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

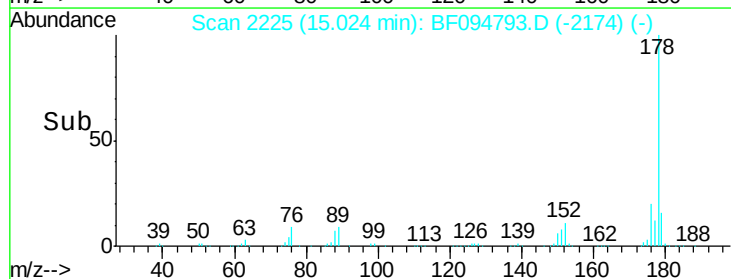
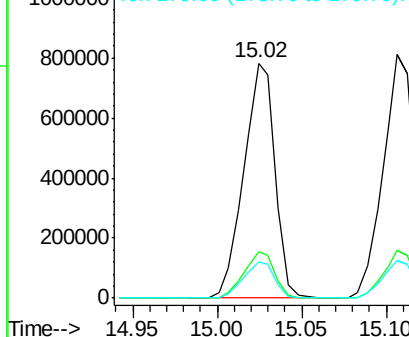


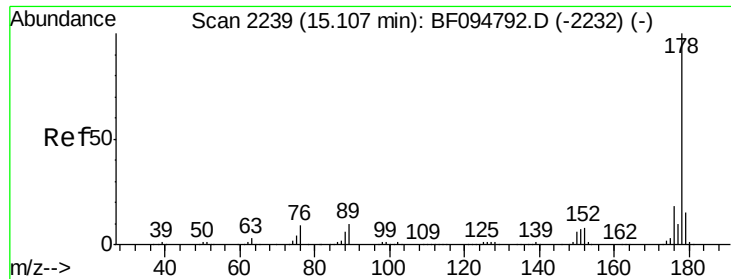
#70
 Phenanthrene
 Concen: 50.351 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1005814		
176	19.7		16.2	24.4
179	15.7		12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





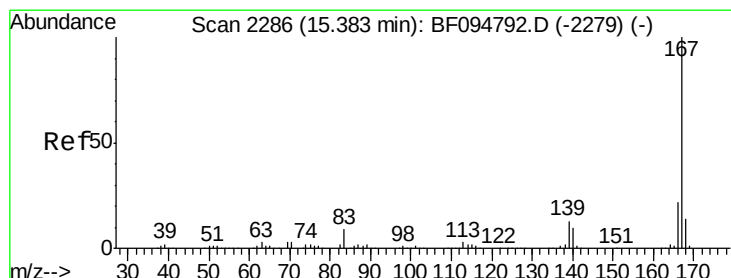
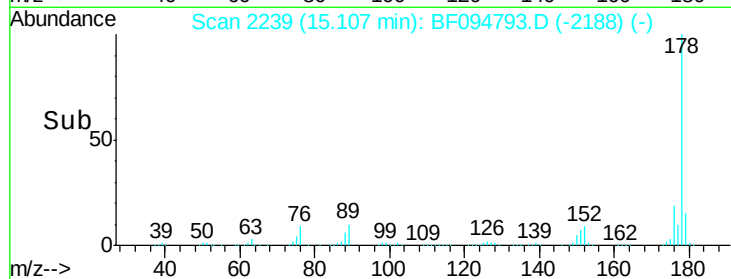
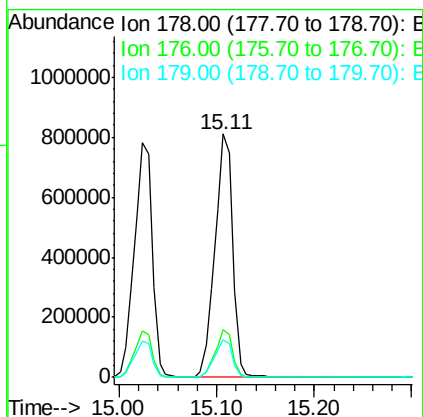
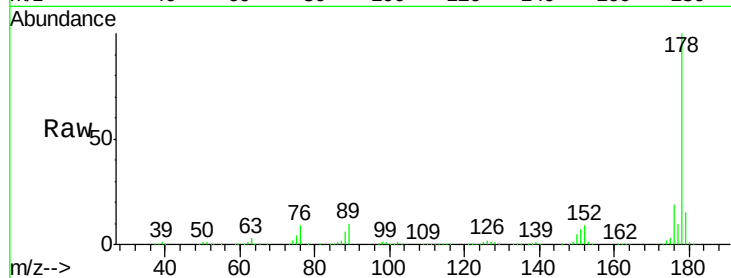
#71
 Anthracene
 Concen: 49.697 ng
 RT: 15.11 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 1026887
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 12.7 19.1

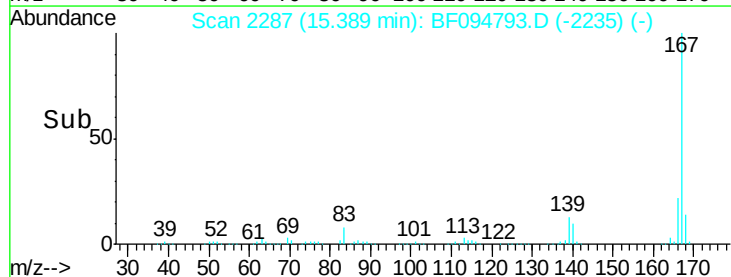
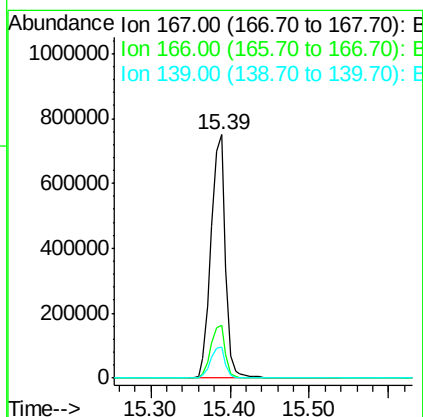
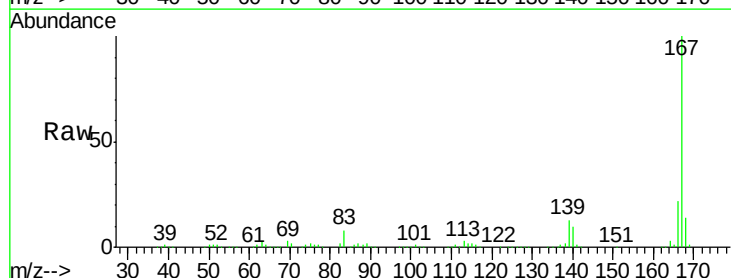
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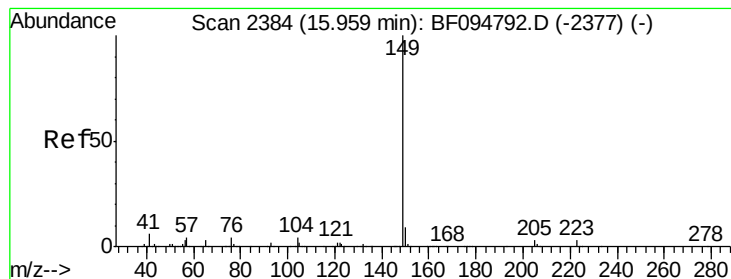
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#72
 Carbazole
 Concen: 49.038 ng
 RT: 15.39 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion:167 Resp: 951061
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 56.033 ng

RT: 15.96 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 1196513

Ion Ratio Lower Upper

149 100

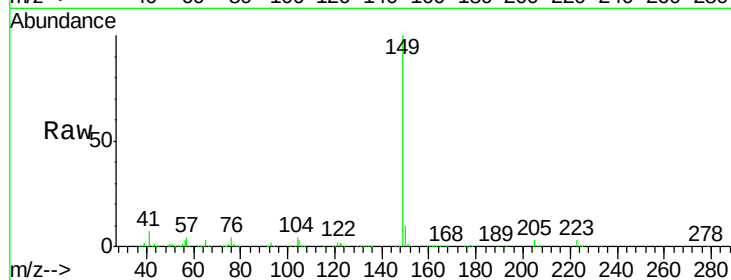
150 9.6 7.7 11.5

104 4.4 4.0 6.0

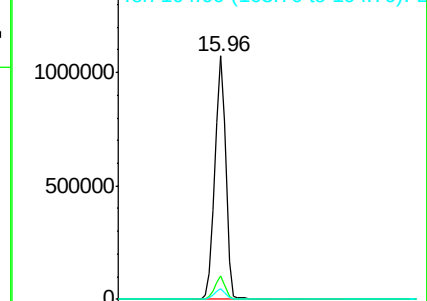
Manual Integrations
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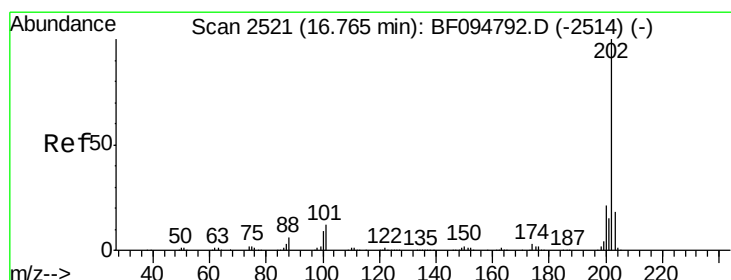
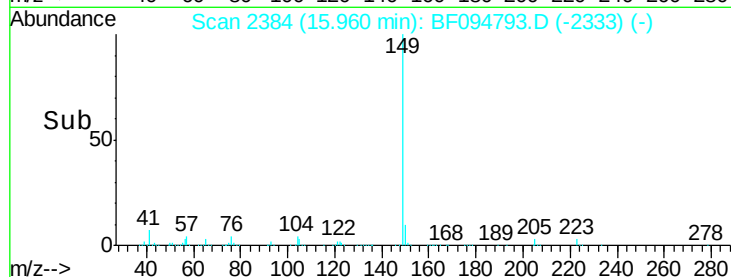
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 49.836 ng

RT: 16.77 min Scan# 2521

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

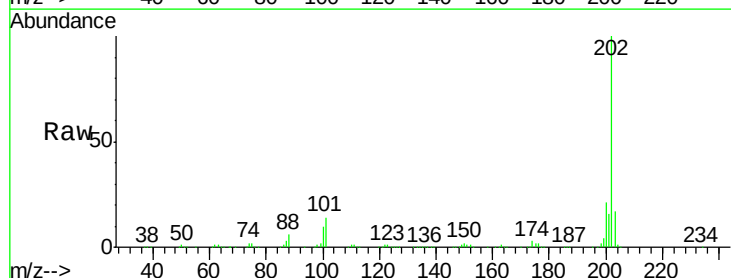
Tgt Ion:202 Resp: 1031762

Ion Ratio Lower Upper

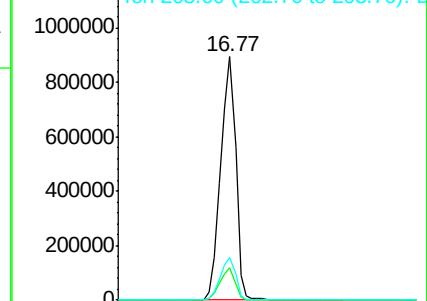
202 100

101 13.5 0.0 33.2

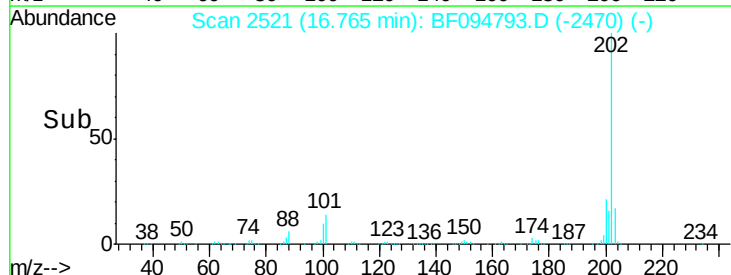
203 17.4 0.0 38.1

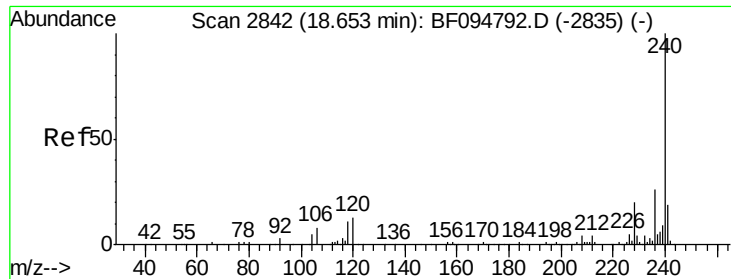


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





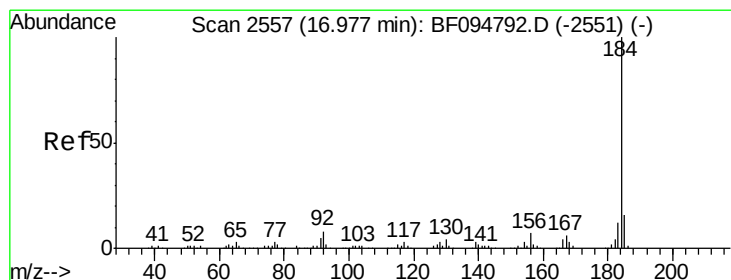
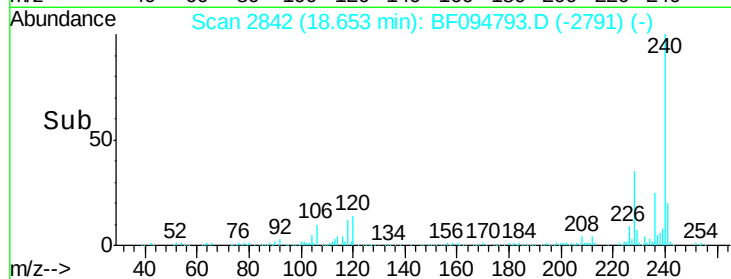
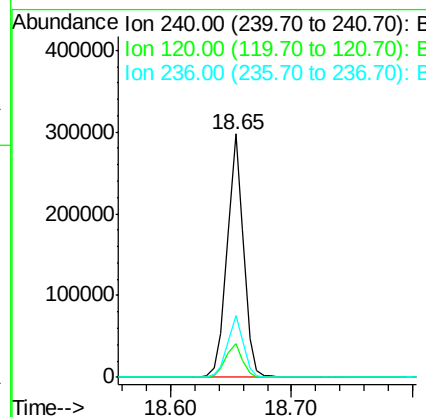
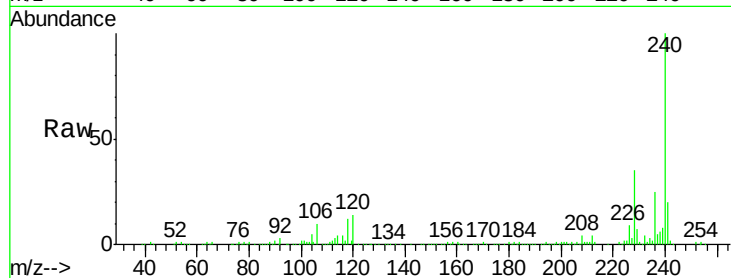
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.65 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.2	20.5	30.7

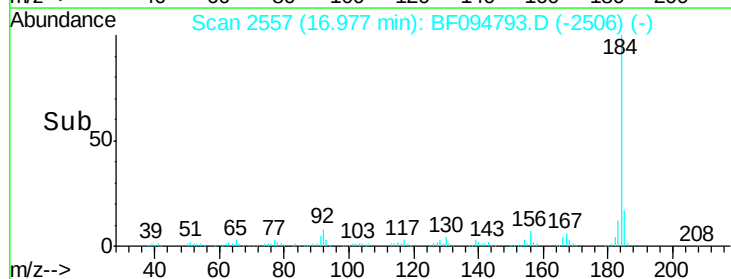
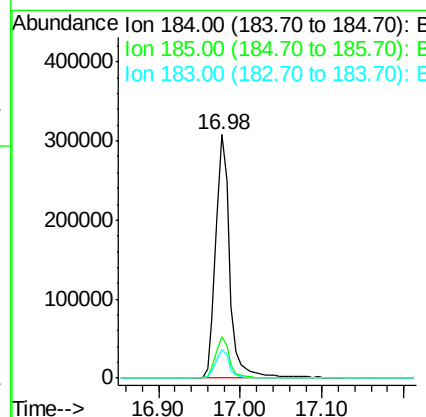
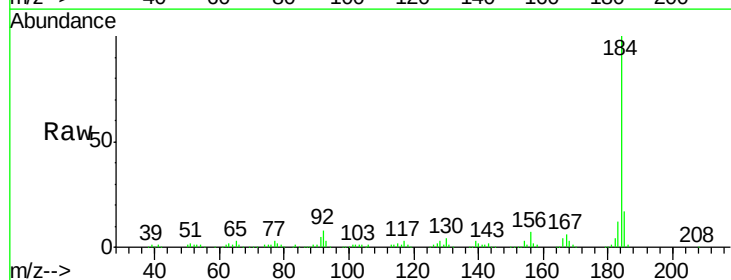
Manual Integrations
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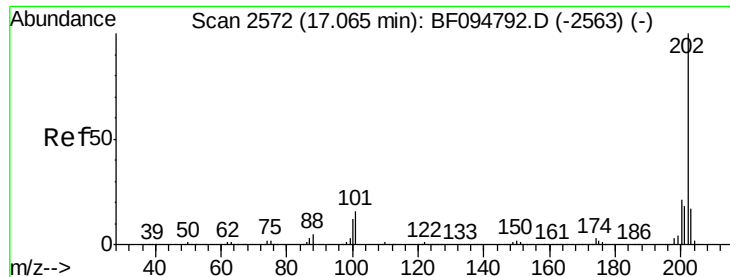
mohammad
5/4/2017 1:42:07 PM



#76
Benzidine
Concen: 32.897 ng
RT: 16.98 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	15.5	23.3
183	11.8	9.8	14.6





#77

Pyrene

Concen: 53.837 ng

RT: 17.07 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 202 Resp: 1047846

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

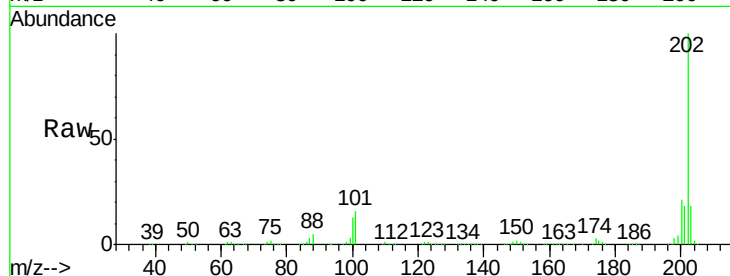
203 17.5 14.4 21.6

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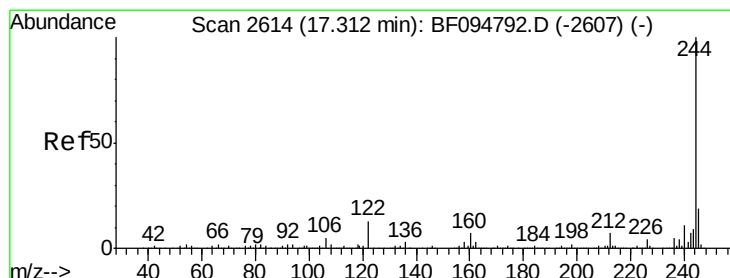
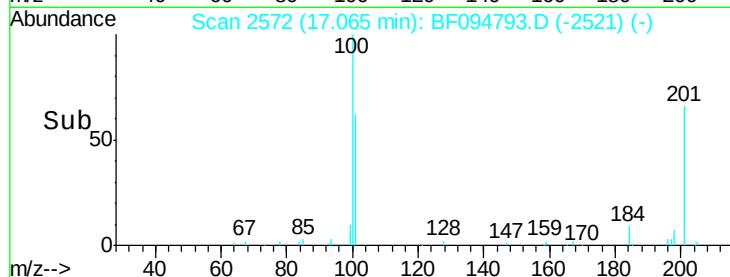
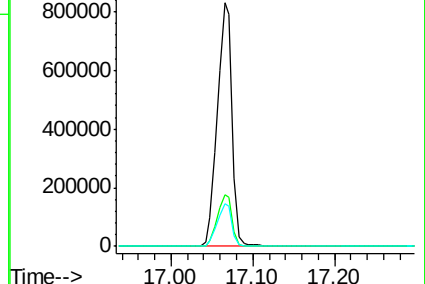
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 118.101 ng

RT: 17.31 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

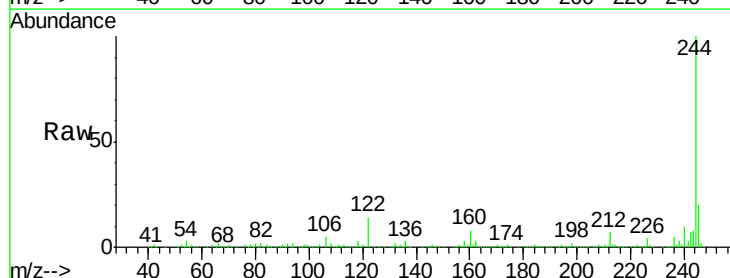
Tgt Ion: 244 Resp: 1230890

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

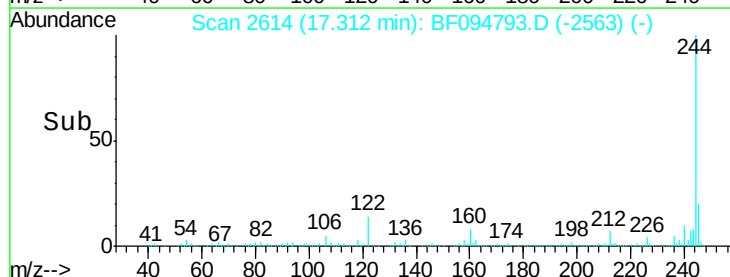
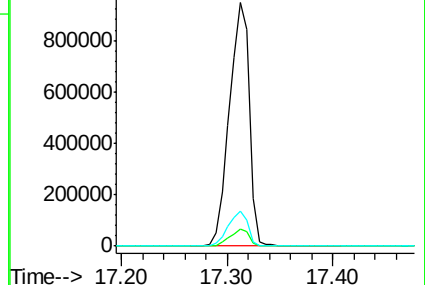
122 14.2 10.3 15.5

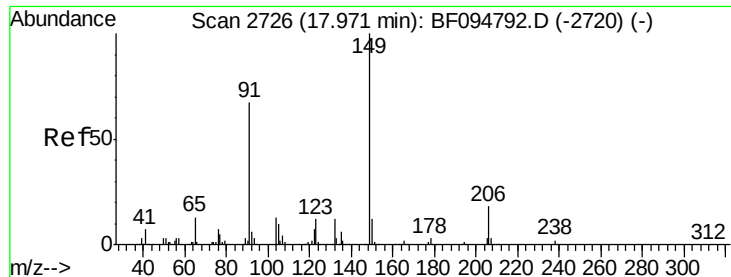


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.676 ng

RT: 17.97 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

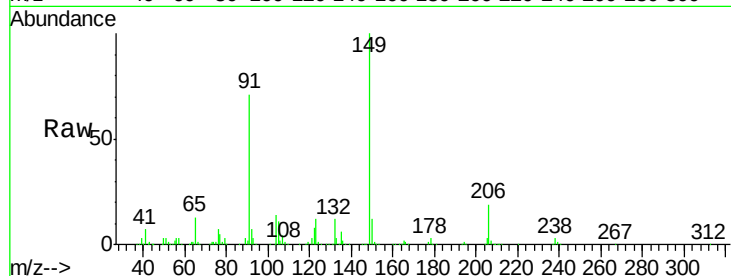
ClientSampleId :

SSTDICC050

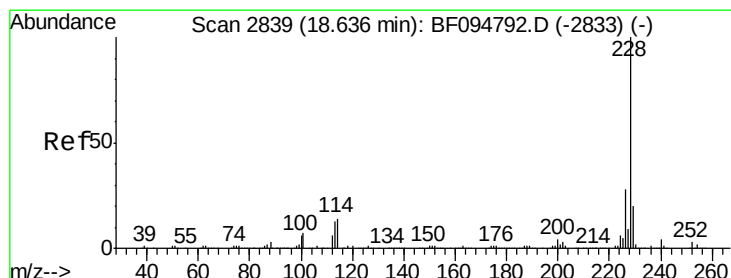
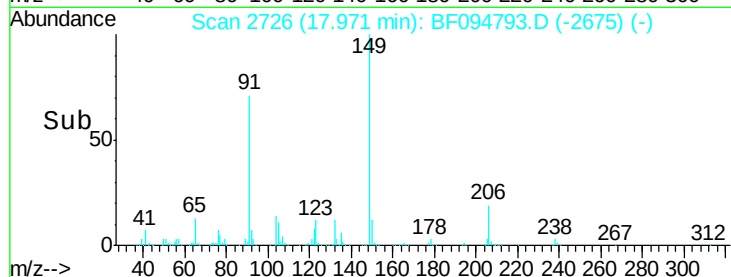
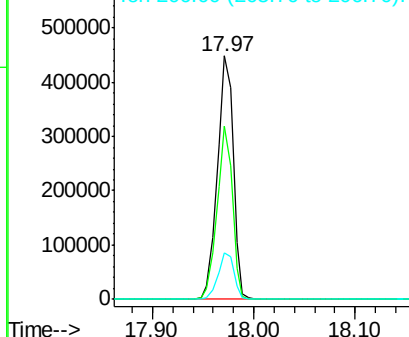
Tgt Ion:	149	Resp:	491969
Ion Ratio	Lower	Upper	
149	100		
91	71.0	45.0	67.4#
206	18.9	17.0	25.6

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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: 48.725 ng

RT: 18.64 min Scan# 2840

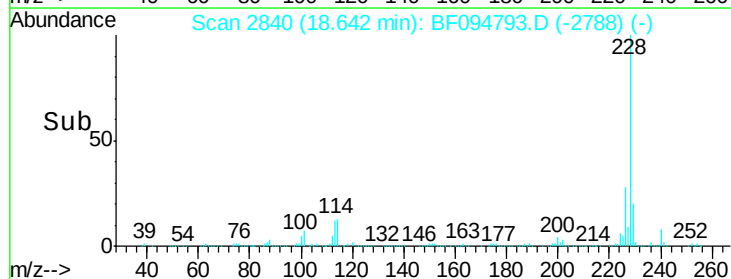
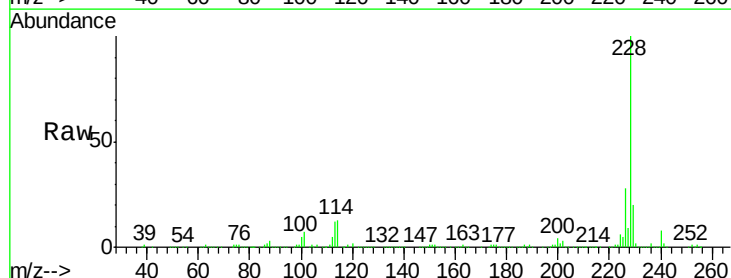
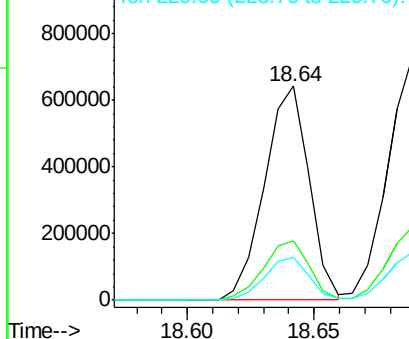
Delta R.T. 0.01 min

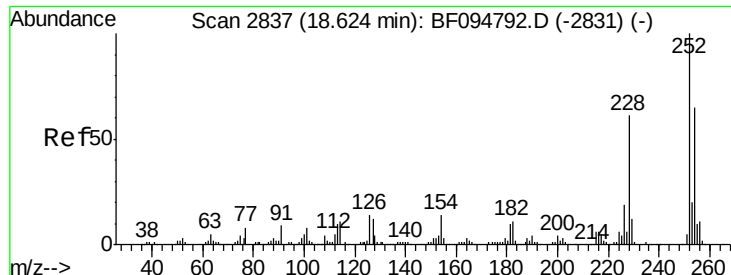
Lab File: BF094793.D

Acq: 2 May 2017 14:58

Tgt Ion:	228	Resp:	788972
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.9	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





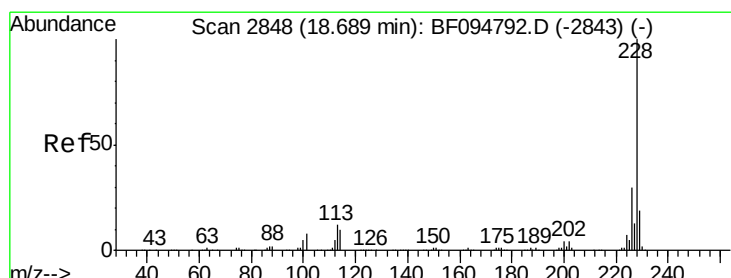
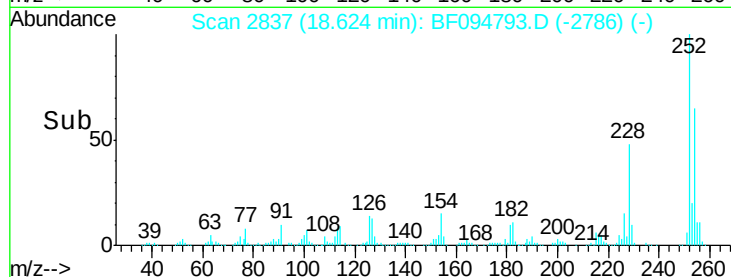
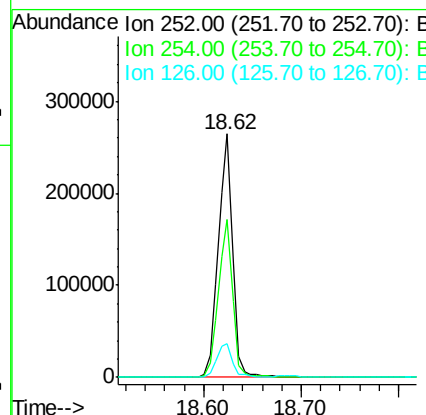
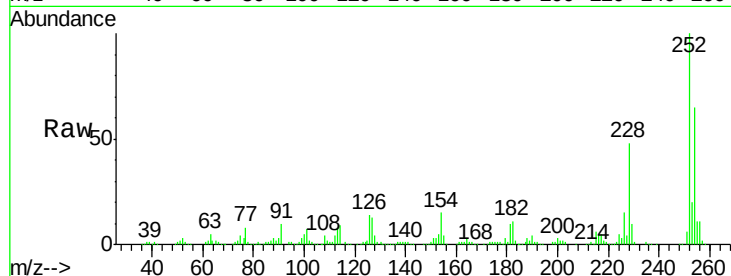
#81
 3,3'-Dichlorobenzidine
 Concen: 47.024 ng
 RT: 18.62 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	269538		
254	64.9	51.5	77.3	
126	13.7	15.8	23.8	

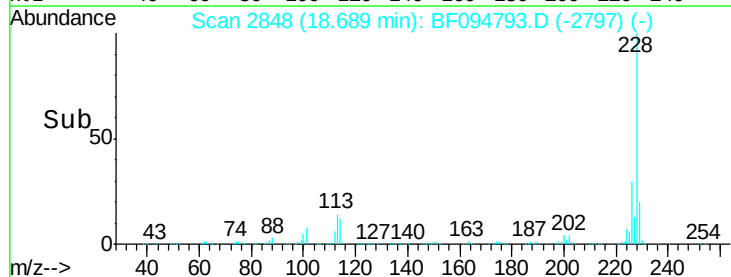
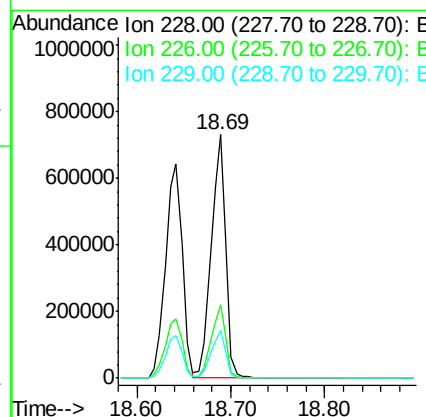
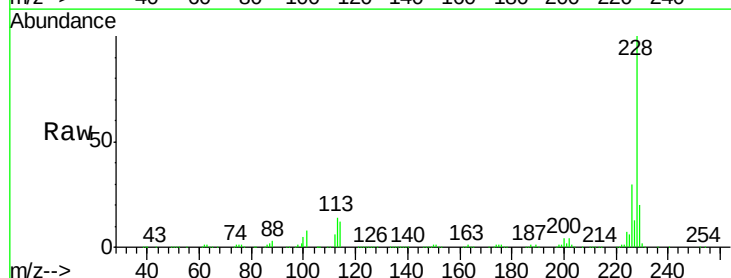
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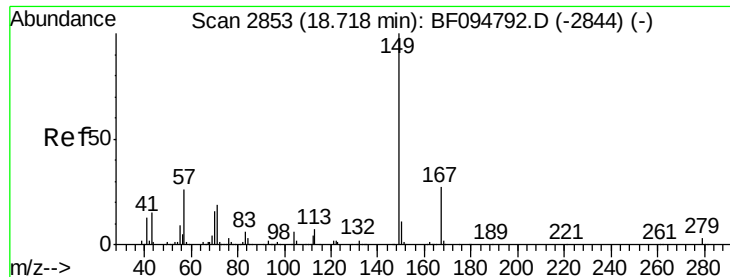
mohammad
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#82
 Chrysene
 Concen: 53.455 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	791019		
226	30.3	24.9	37.3	
229	19.7	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 61.432 ng

RT: 18.72 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

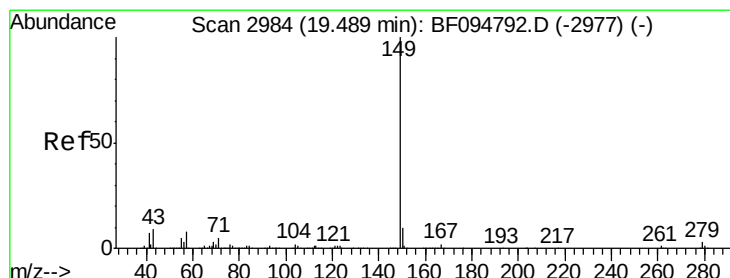
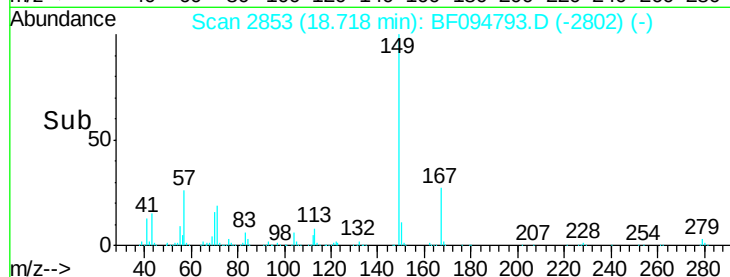
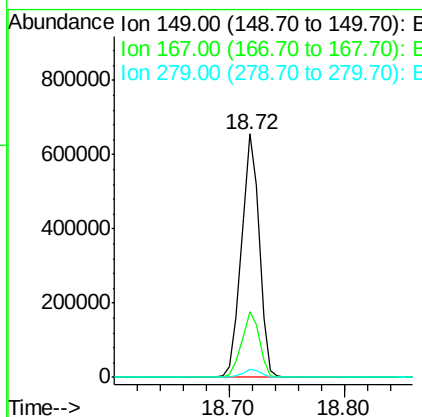
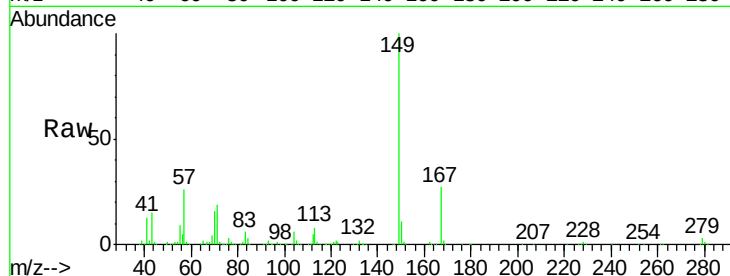
ClientSampleId :

SSTDIC050

Tgt Ion:	149	Resp:	703544
Ion Ratio		Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.1	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 59.046 ng

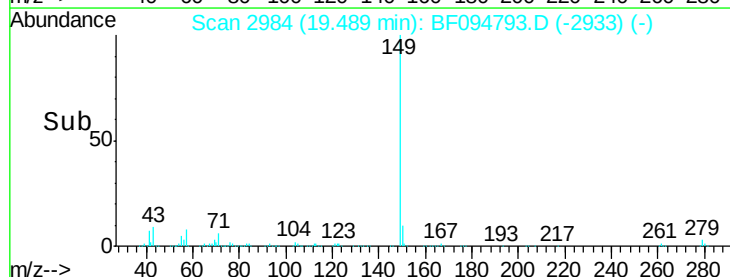
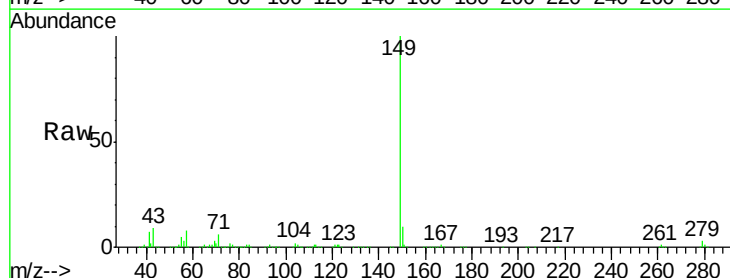
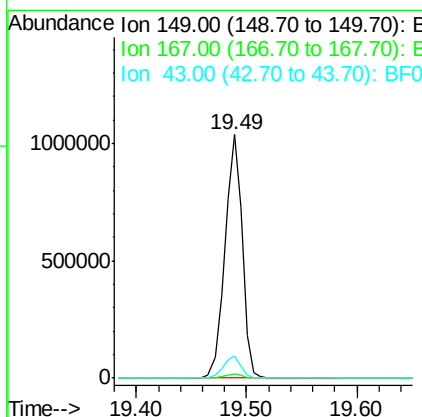
RT: 19.49 min Scan# 2984

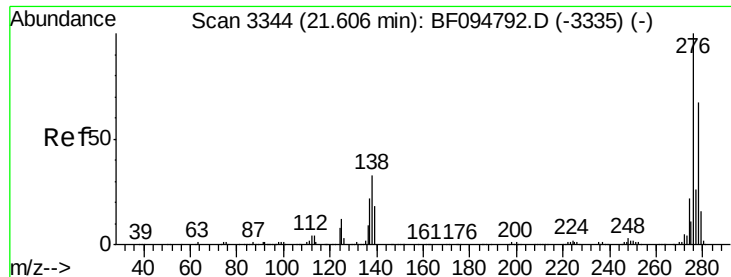
Delta R.T. 0.00 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Tgt Ion:	149	Resp:	1134318
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	8.5	12.7





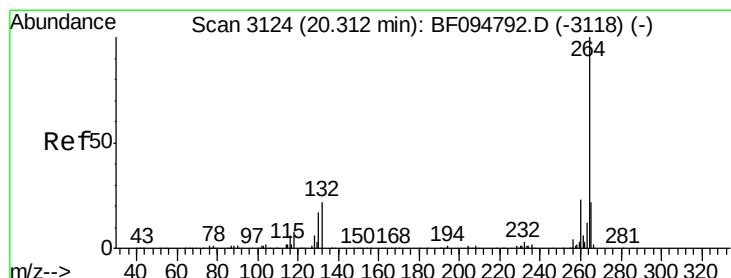
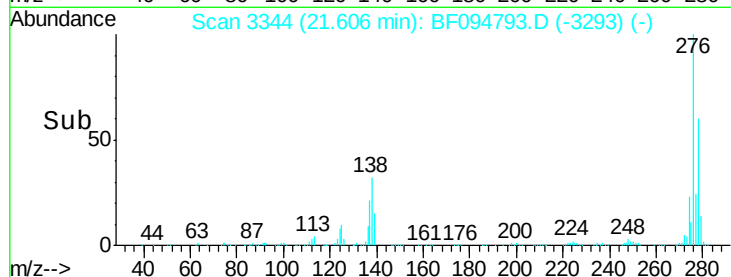
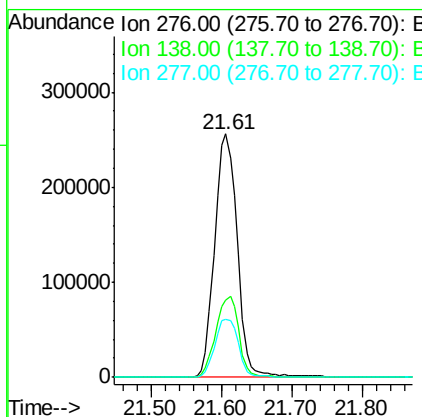
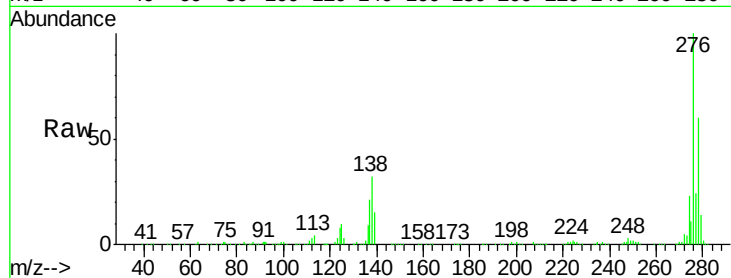
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.707 ng
 RT: 21.61 min Scan# 3344
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.1	20.2	30.4

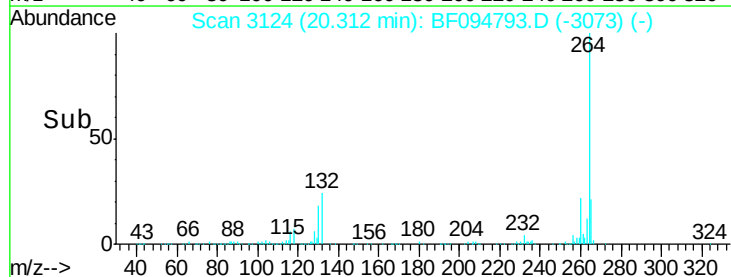
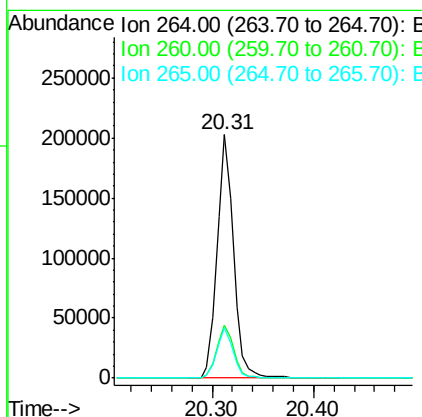
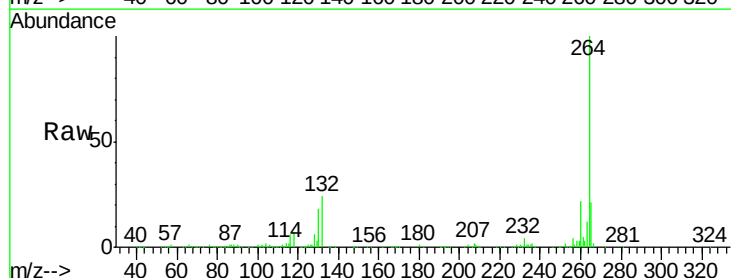
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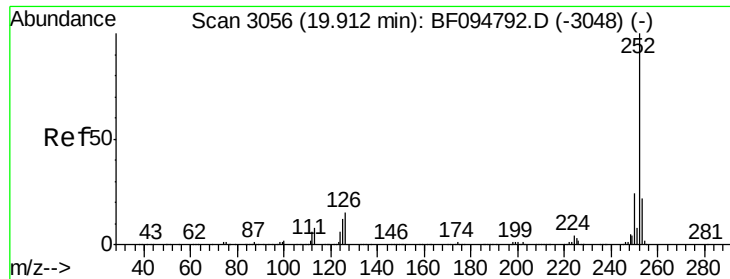
mohammad
 5/4/2017 1:42:07 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BF094793.D
 Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	20.9	17.2	25.8





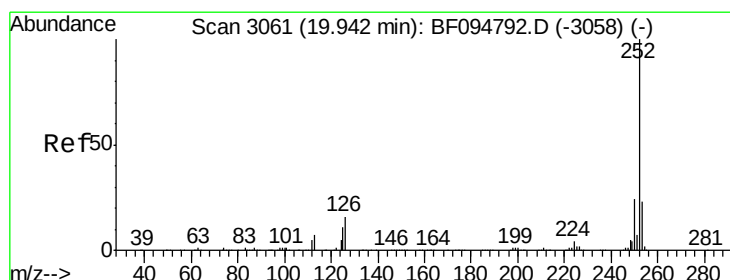
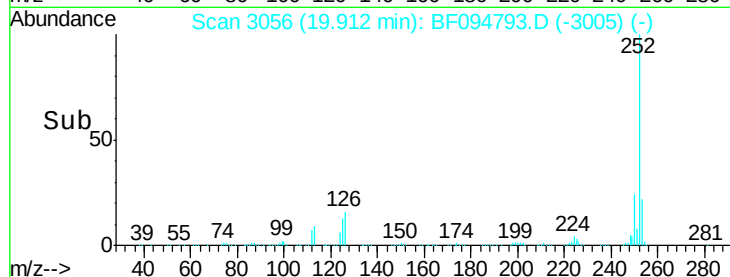
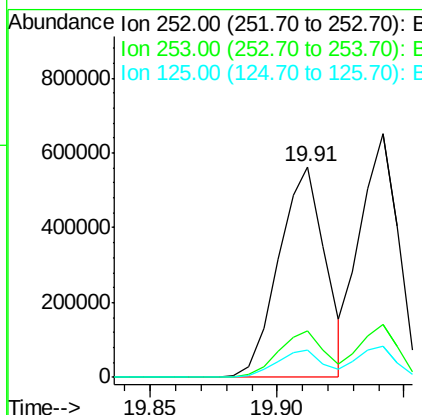
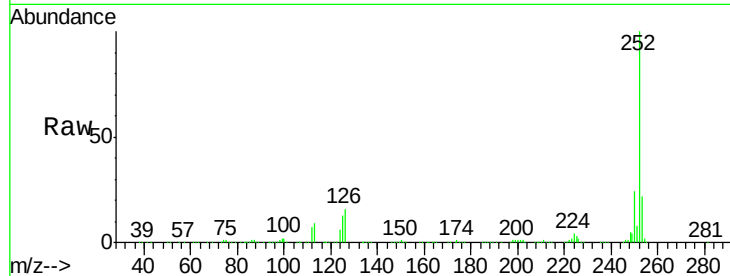
#87
Benzo(b)fluoranthene
Concen: 51.236 ng
RT: 19.91 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.7	9.8	14.8

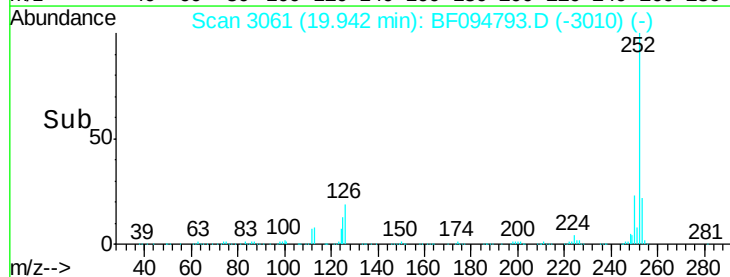
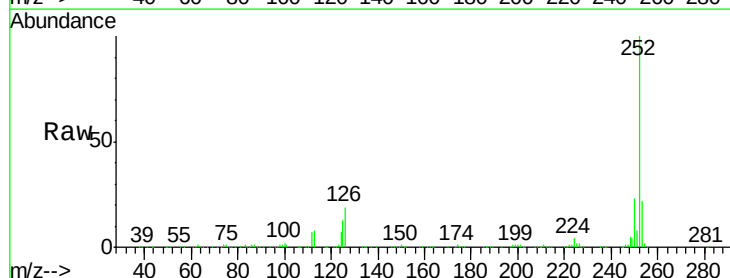
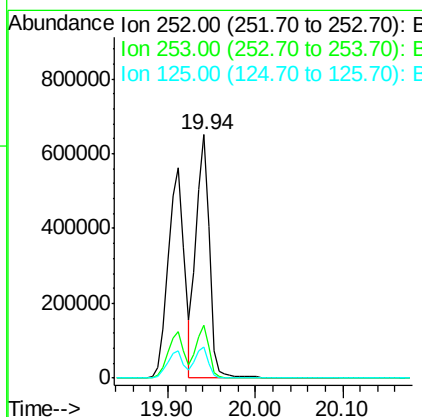
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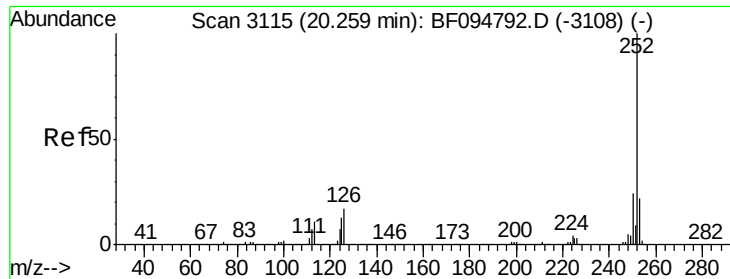
mohammad
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#88
Benzo(k)fluoranthene
Concen: 52.802 ng
RT: 19.94 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	12.9	13.1	19.7#





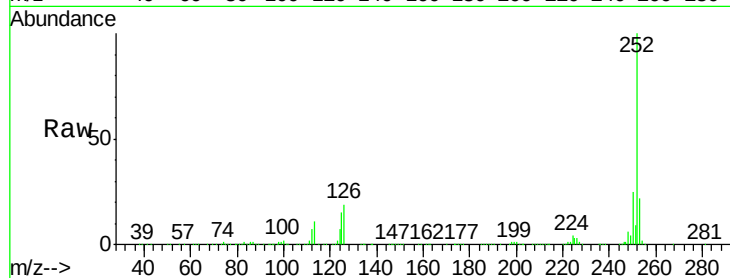
#89
Benzo(a)pyrene
Concen: 49.004 ng
RT: 20.26 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

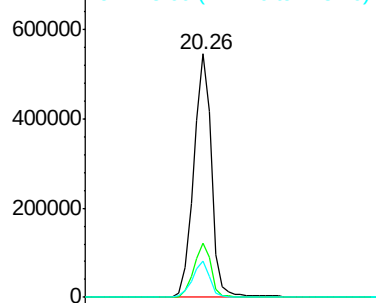
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.0	11.0	16.4

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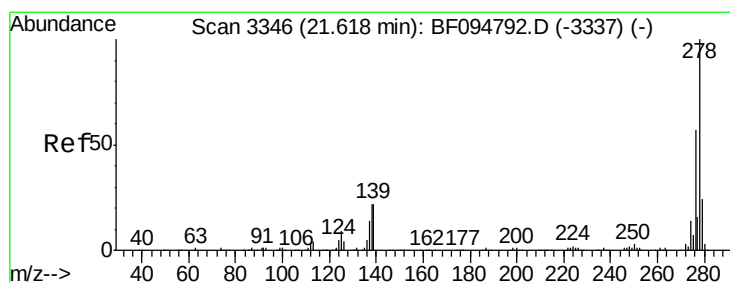
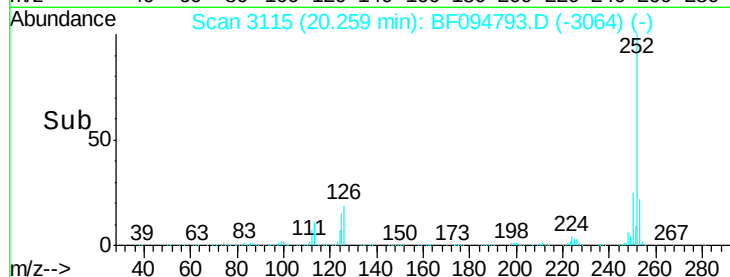
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

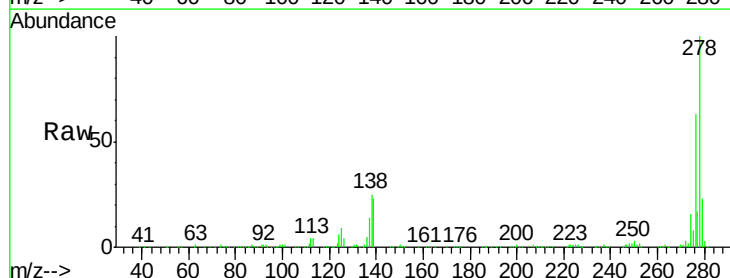


Time-->

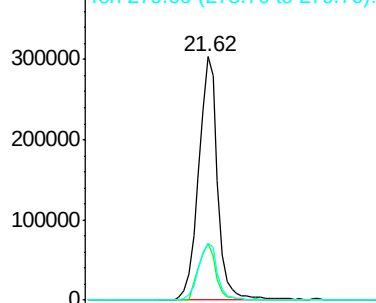


#90
Dibenzo(a,h)anthracene
Concen: 45.493 ng
RT: 21.62 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BF094793.D
Acq: 2 May 2017 14:58

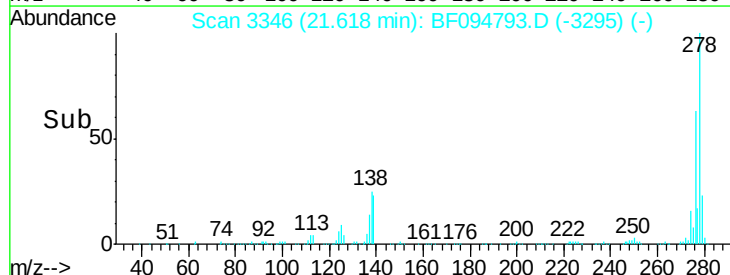
Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.5	19.3	28.9

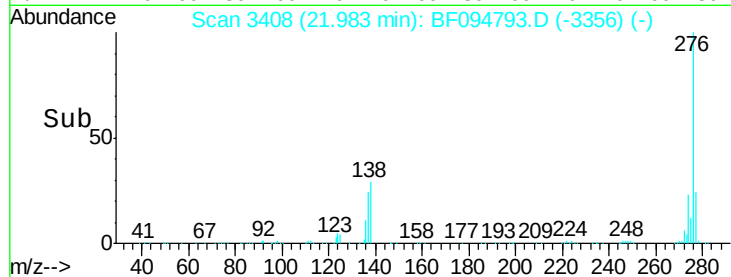
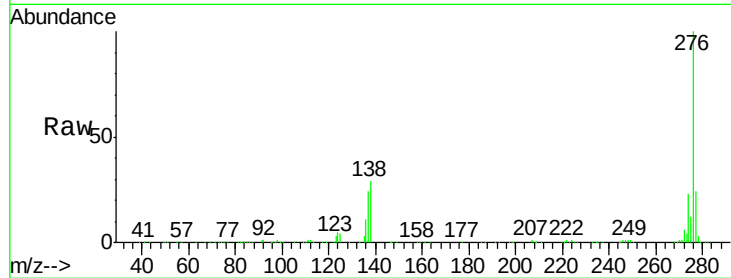
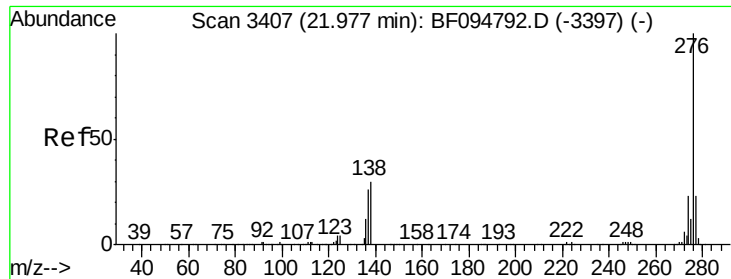


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 44.872 ng

RT: 21.98 min Scan# 3408

Delta R.T. 0.01 min

Lab File: BF094793.D

Acq: 2 May 2017 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:	276	Resp:	494405
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	29.1	25.4	38.0

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