

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094803.D
 Acq On : 2 May 2017 20:24
 Operator : SJ/MA
 Sample : PB98612BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:10 PM

Quant Time: May 03 17:39:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	94342	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	355726	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	176543	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	333239	20.00	ng	0.00
75) Chrysene-d12	18.65	240	245151	20.00	ng	0.00
86) Perylene-d12	20.31	264	186518	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	739404	130.67	ng	0.02
7) Phenol-d6	7.28	99	889275	130.98	ng	0.00
23) Nitrobenzene-d5	8.63	82	483122	85.64	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	201101	139.09	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1060791	86.49	ng	0.00
78) Terphenyl-d14	17.31	244	898684	80.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	90914	32.759	ng	96
3) Pyridine	2.83	79	218141	33.915	ng	95
4) n-Nitrosodimethylamine	2.76	42	102261	38.143	ng	92
6) Aniline	7.24	93	187494	21.874	ng	95
8) 2-Chlorophenol	7.42	128	262373	40.737	ng	94
9) Benzaldehyde	7.05	77	47732	11.513	ng	95
10) Phenol	7.30	94	298365	41.702	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	234449	39.694	ng	97
12) 1,3-Dichlorobenzene	7.64	146	282874	38.718	ng	98
13) 1,4-Dichlorobenzene	7.76	146	262696	35.455	ng	98
14) 1,2-Dichlorobenzene	8.00	146	247594	35.800	ng	96
15) Benzyl Alcohol	8.01	79	185507	42.480	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	283925	33.963	ng	# 35
17) 2-Methylphenol	8.23	107	201508	38.230	ng	# 91
18) Hexachloroethane	8.52	117	88433	35.233	ng	88
19) n-Nitroso-di-n-propylamine	8.44	70	167500	36.477	ng	96
20) 3+4-Methylphenols	8.48	107	268810	37.531	ng	# 62
22) Acetophenone	8.40	105	339737	39.806	ng	# 84
24) Nitrobenzene	8.66	77	239793	40.554	ng	95
25) Isophorone	9.06	82	427263	42.417	ng	# 94
26) 2-Nitrophenol	9.17	139	133681	41.898	ng	98
27) 2,4-Dimethylphenol	9.30	122	221127	42.866	ng	100
28) bis(2-Chloroethoxy)methane	9.43	93	275968	39.603	ng	99
29) 2,4-Dichlorophenol	9.58	162	216936	44.539	ng	99
30) 1,2,4-Trichlorobenzene	9.68	180	207470	39.758	ng	99
31) Naphthalene	9.78	128	714893	39.986	ng	99
32) Benzoic acid	9.58	122	93568	29.783	ng	91
33) 4-Chloroaniline	9.93	127	49166	7.379	ng	94
34) Hexachlorobutadiene	10.01	225	110507	40.134	ng	99
35) Caprolactam	10.53	113	72359m	49.473	ng	
36) 4-Chloro-3-methylphenol	10.78	107	240558	46.193	ng	92
37) 2-Methylnaphthalene	10.91	142	530301	45.194	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	207069	38.140	ng	100
40) Hexachlorocyclopentadiene	11.17	237	172018	75.718	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	153713	42.405	ng	99
43) 2,4,5-Trichlorophenol	11.48	196	156826	40.253	ng	94
45) 1,1'-Biphenyl	11.68	154	608124	40.913	ng	98
46) 2-Chloronaphthalene	11.69	162	478184	39.842	ng	96
47) 2-Nitroaniline	11.89	65	130479	39.720	ng	# 84
48) Acenaphthylene	12.35	152	785310	41.775	ng	98
49) Dimethylphthalate	12.22	163	554862	38.284	ng	99
50) 2,6-Dinitrotoluene	12.31	165	129666	43.854	ng	91
51) Acenaphthene	12.64	154	458949	40.874	ng	99
52) 3-Nitroaniline	12.58	138	53553	16.875	ng	# 88
53) 2,4-Dinitrophenol	12.77	184	77980	50.391	ng	# 64
54) Dibenzofuran	12.92	168	679172	43.710	ng	97
55) 4-Nitrophenol	12.95	139	170036	89.207	ng	# 78
56) 2,4-Dinitrotoluene	12.97	165	173432	45.647	ng	# 93
57) Fluorene	13.48	166	569068	42.119	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.16	232	114033	46.506	ng	96
59) Diethylphthalate	13.38	149	555303	39.974	ng	98
60) 4-Chlorophenyl-phenylether	13.50	204	249084	41.948	ng	92
61) 4-Nitroaniline	13.57	138	128151	43.987	ng	95
62) Azobenzene	13.76	77	528229	47.321	ng	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	73247	32.788	ng	# 72
65) n-Nitrosodiphenylamine	13.71	169	488134	40.360	ng	98
66) 4-Bromophenyl-phenylether	14.29	248	142274	40.411	ng	99
67) Hexachlorobenzene	14.37	284	140772	39.016	ng	# 89
68) Atrazine	14.63	200	143022	41.883	ng	97
69) Pentachlorophenol	14.72	266	111834	69.391	ng	99
70) Phenanthrene	15.02	178	803724	41.977	ng	98
71) Anthracene	15.10	178	841784	43.040	ng	99
72) Carbazole	15.38	167	696791	39.156	ng	97
73) Di-n-butylphthalate	15.95	149	898483	40.487	ng	99
74) Fluoranthene	16.76	202	833020	42.413	ng	99
76) Benzidine	16.98	184	223581	35.682	ng	# 93
77) Pyrene	17.06	202	851697	46.453	ng	99
79) Butylbenzylphthalate	17.97	149	388127	45.512	ng	90
80) Benzo(a)anthracene	18.64	228	611297	42.845	ng	98
81) 3,3'-Dichlorobenzidine	18.62	252	139770	28.364	ng	# 95
82) Chrysene	18.68	228	562445	40.769	ng	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	499728	41.127	ng	# 98
84) Di-n-octyl phthalate	19.48	149	853842	42.861	ng	96
85) Indeno(1,2,3-cd)pyrene	21.60	276	432672	38.620	ng	99
87) Benzo(b)fluoranthene	19.91	252	492301	42.715	ng	97
88) Benzo(k)fluoranthene	19.94	252	487490	43.850	ng	# 93
89) Benzo(a)pyrene	20.25	252	462514	43.490	ng	99
90) Dibenzo(a,h)anthracene	21.61	278	362689	41.294	ng	99
91) Benzo(g,h,i)perylene	21.97	276	363341	42.155	ng	97

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

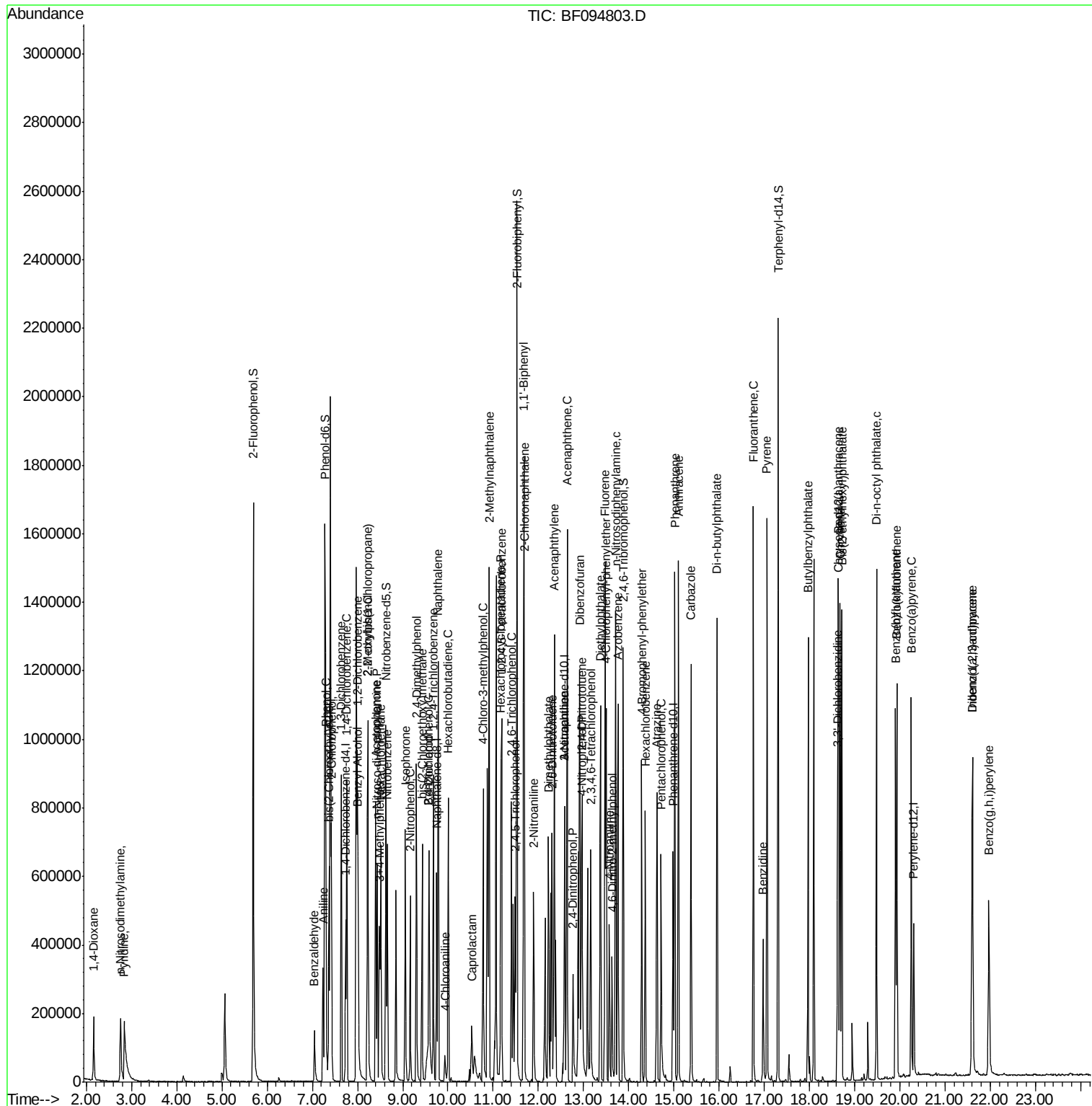
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#1

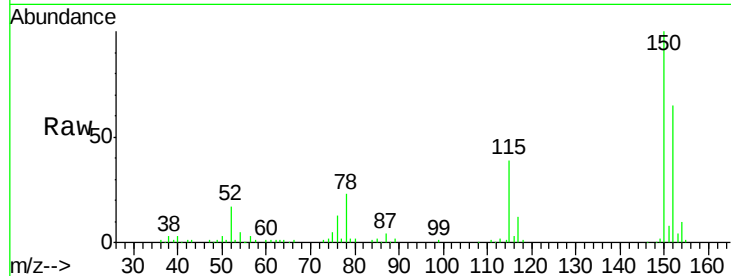
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

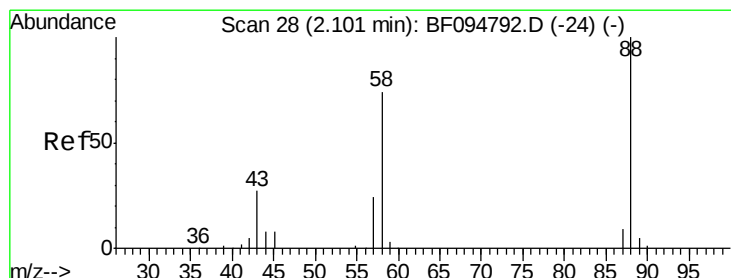
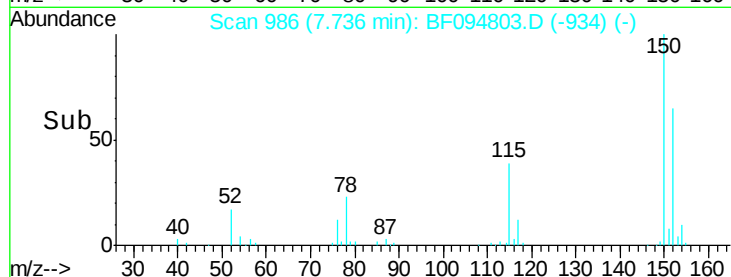
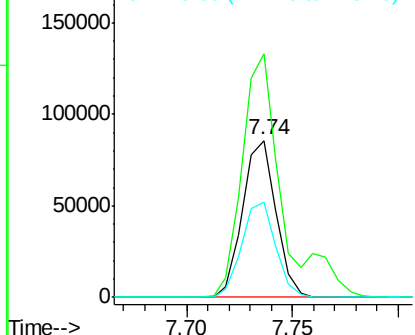
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	60.7	52.2	78.2

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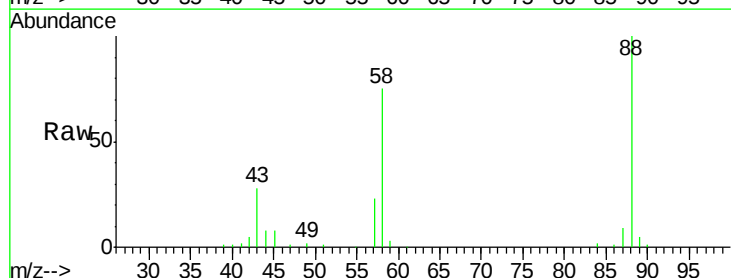
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



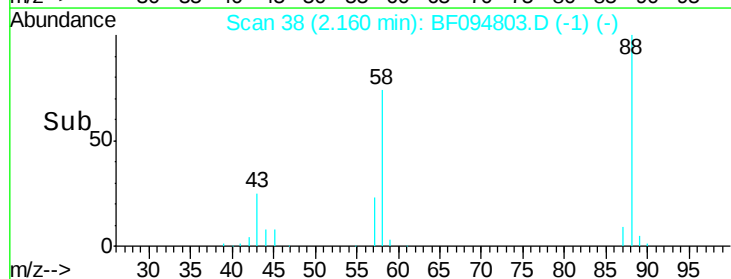
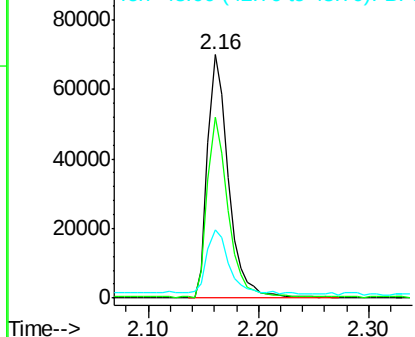
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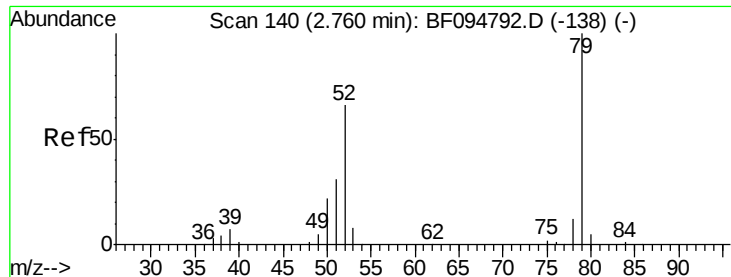
1,4-Dioxane
Concen: 32.759 ng
RT: 2.16 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	61.4	92.0
43	27.8	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: 33.915 ng

RT: 2.83 min Scan# 152

Delta R.T. 0.07 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

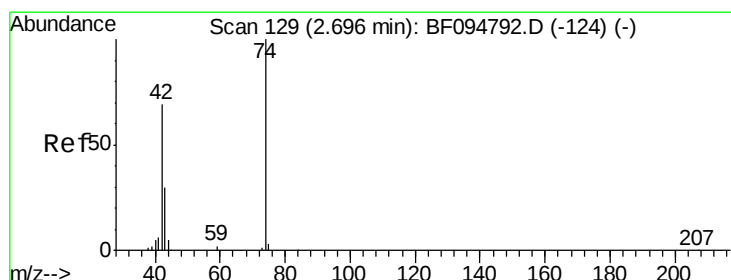
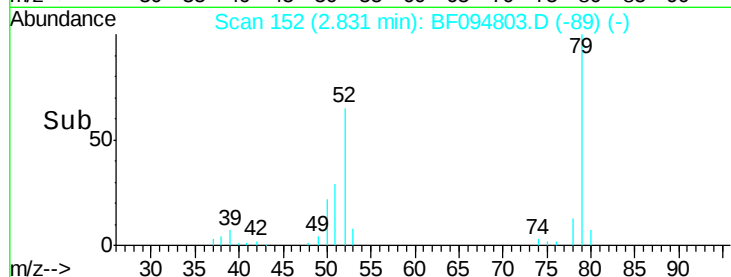
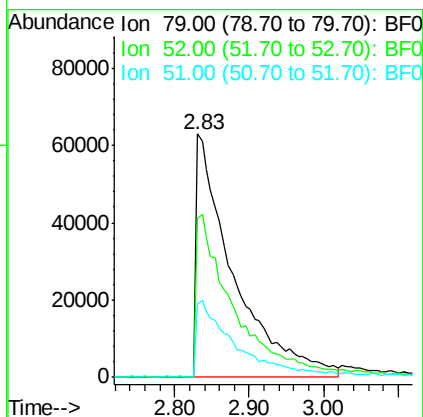
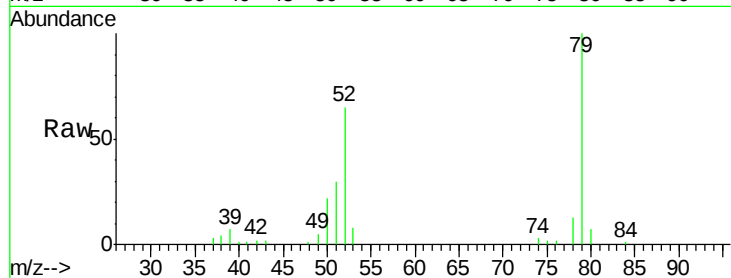
ClientSampleId :

PB98612BS

Tgt Ion:	79	Resp:	218141
Ion	Ratio	Lower	Upper
79	100		
52	65.2	54.8	82.2
51	30.3	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 38.143 ng

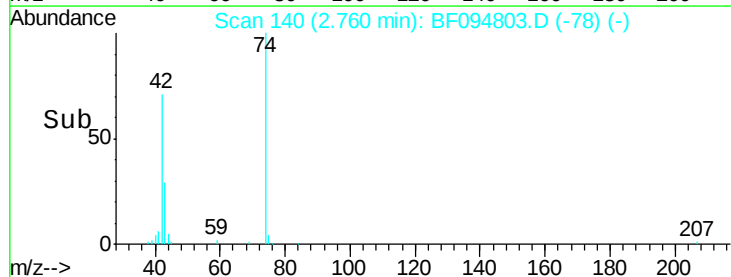
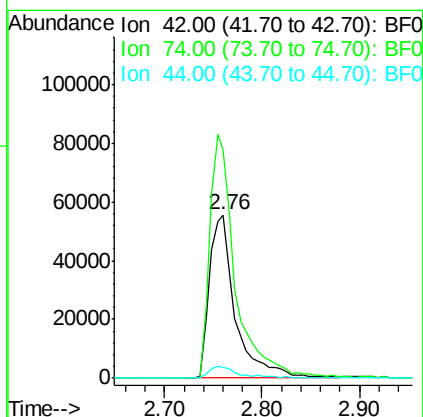
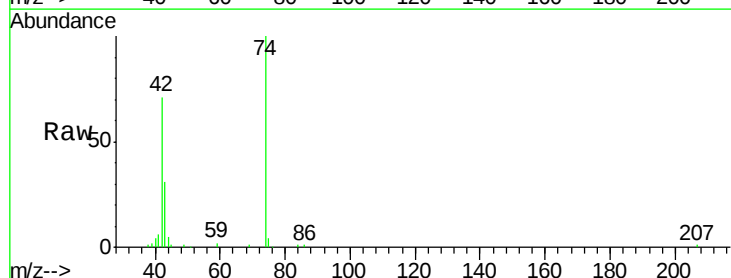
RT: 2.76 min Scan# 140

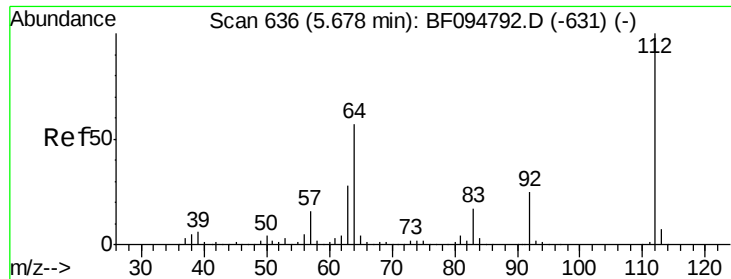
Delta R.T. 0.06 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Tgt Ion:	42	Resp:	102261
Ion	Ratio	Lower	Upper
42	100		
74	140.1	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 130.667 ng

RT: 5.70 min Scan# 639

Delta R.T. 0.02 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

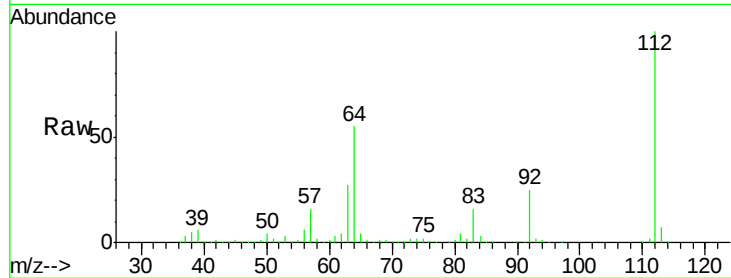
ClientSampleId :

PB98612BS

Tgt Ion:	112	Resp:	739404
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.2	23.4	35.0

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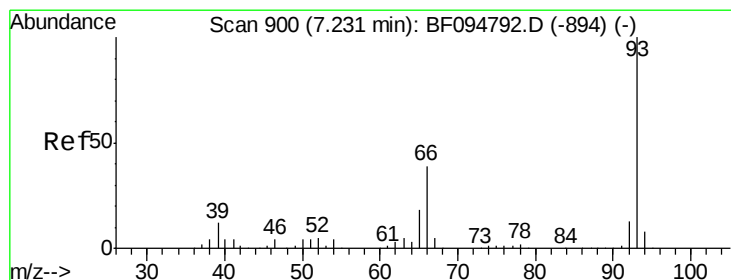
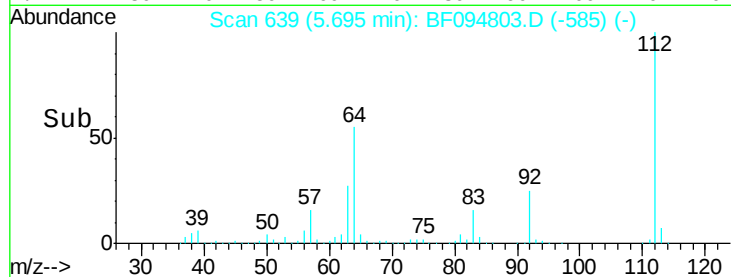
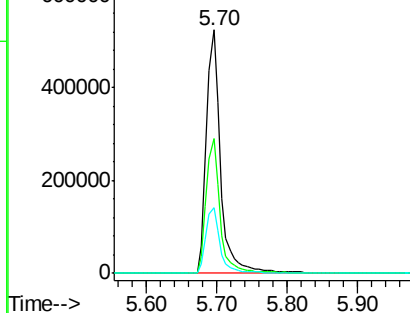
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.874 ng

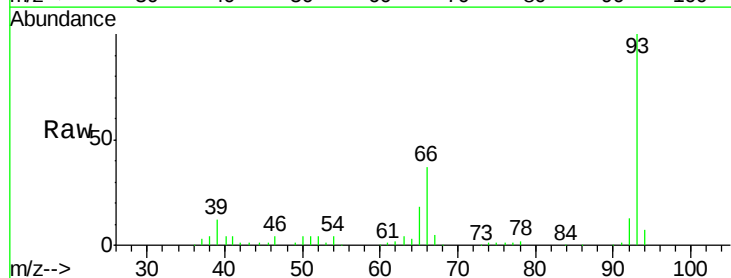
RT: 7.24 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

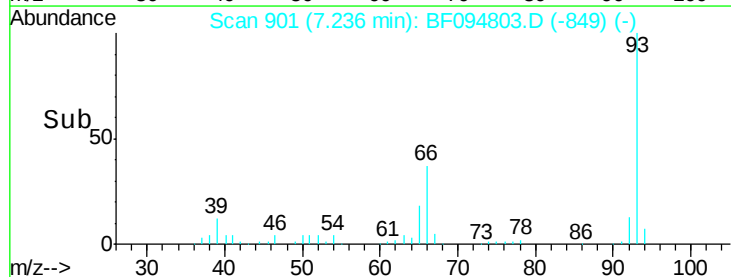
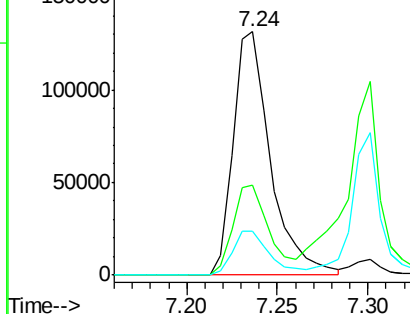
Tgt Ion:	93	Resp:	187494
Ion Ratio	Lower	Upper	
93	100		
66	37.2	32.9	49.3
65	18.3	16.0	24.0

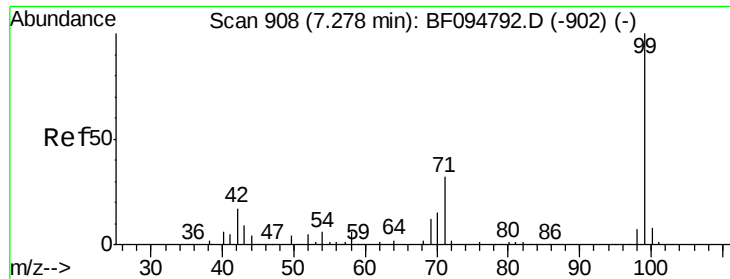


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.977 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

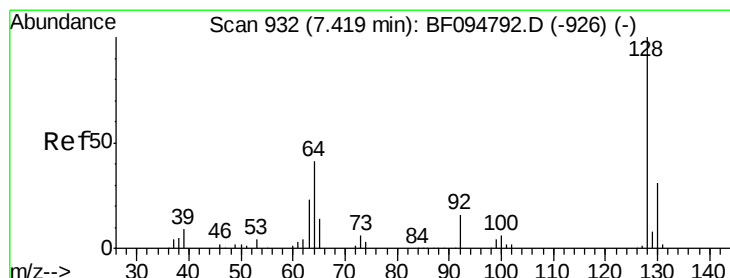
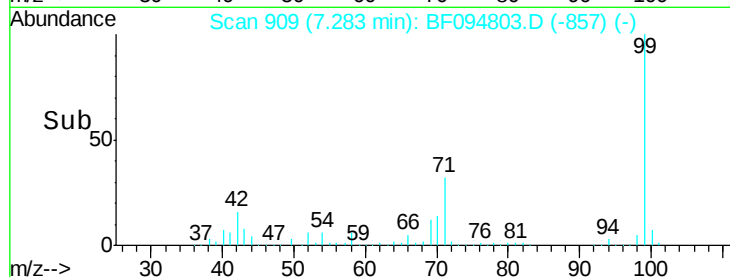
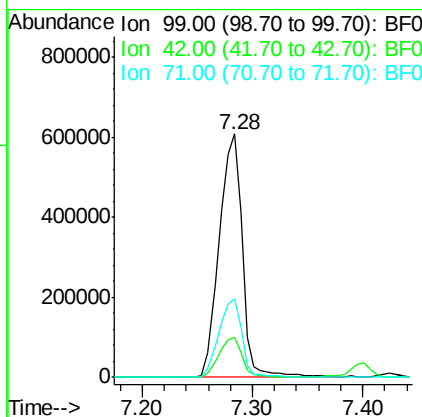
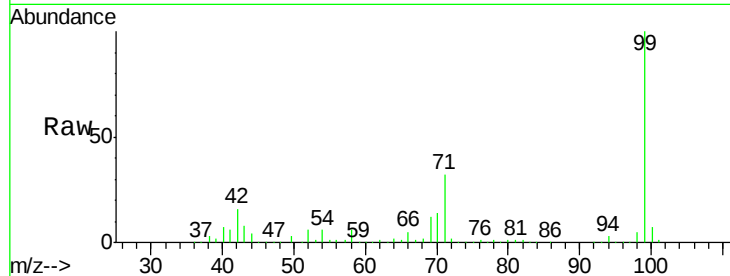
ClientSampleId :

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Tgt Ion:	99	Resp:	889275
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.1	24.5	36.7

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#8

2-Chlorophenol

Concen: 40.737 ng

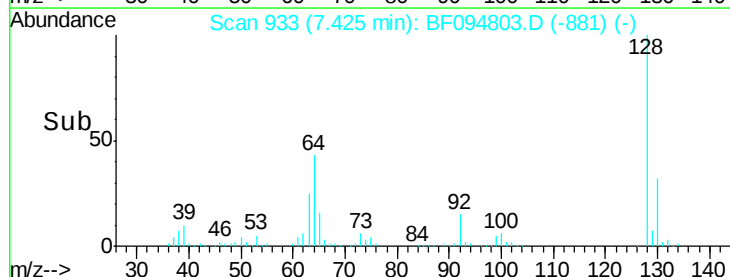
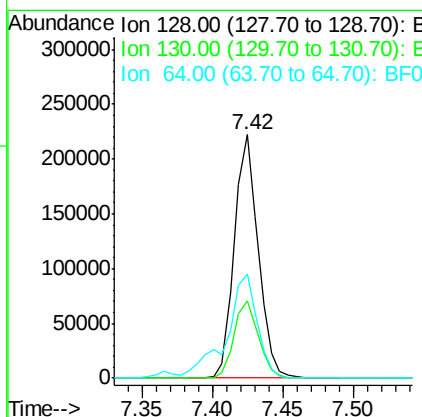
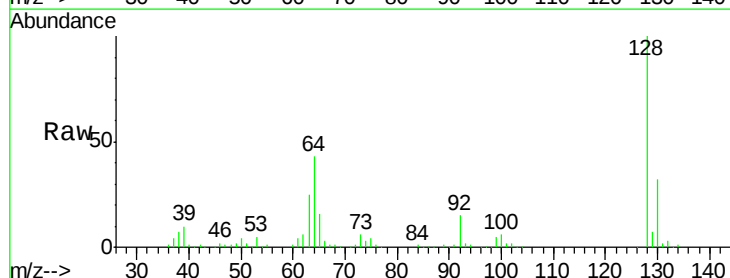
RT: 7.42 min Scan# 933

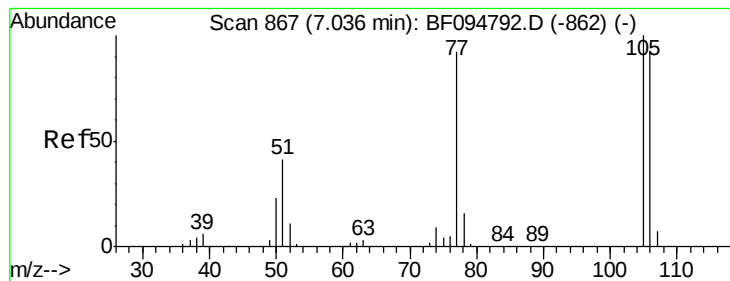
Delta R.T. 0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Tgt Ion:	128	Resp:	262373
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	43.0	28.4	68.4





#9

Benzaldehyde

Concen: 11.513 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

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Acq: 2 May 2017 20:24

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BNA_F

ClientSampleId :

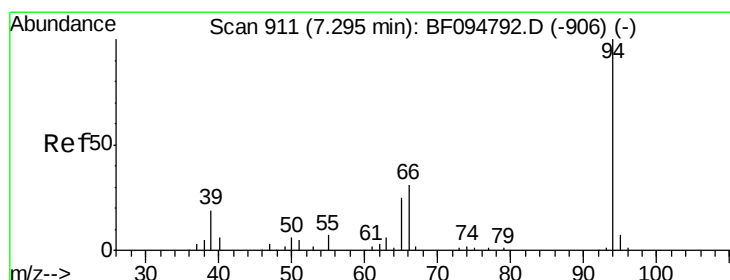
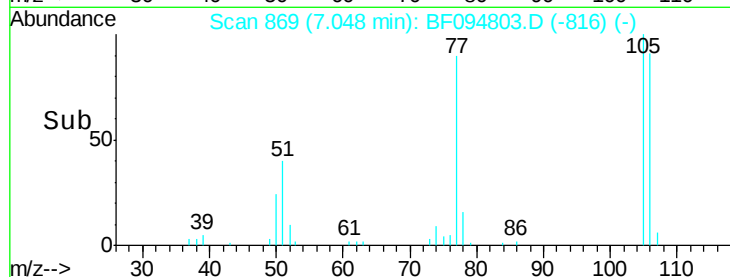
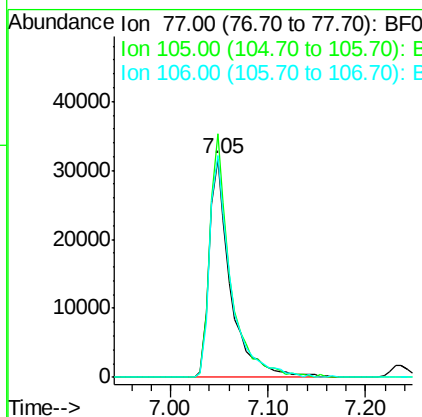
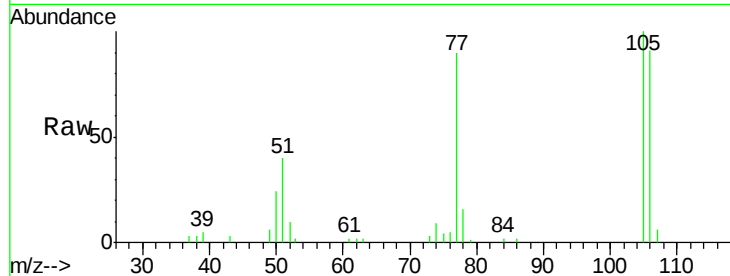
PB98612BS

Tgt Ion: 77 Resp: 47732

Ion	Ratio	Lower	Upper
77	100		
105	111.5	83.8	123.8
106	101.7	79.1	119.1

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#10

Phenol

Concen: 41.702 ng

RT: 7.30 min Scan# 912

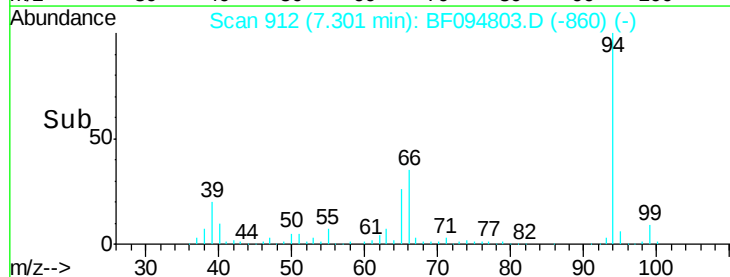
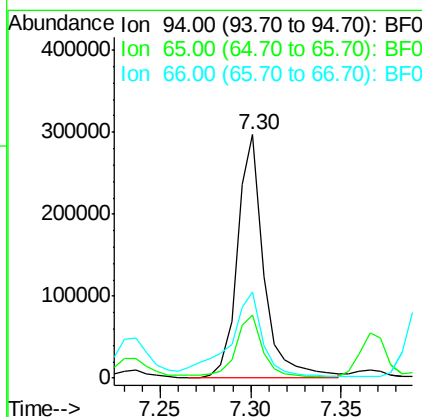
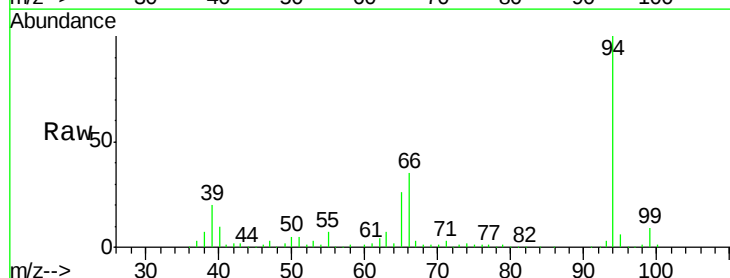
Delta R.T. 0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Tgt Ion: 94 Resp: 298365

Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	35.1	23.1	63.1





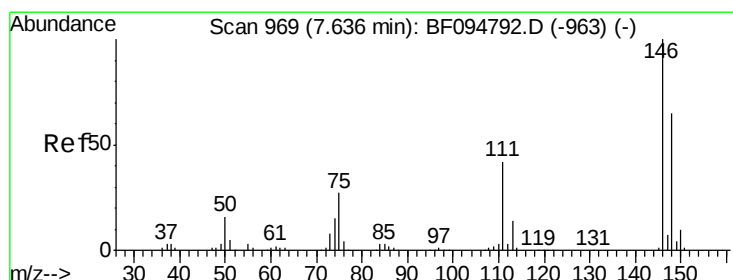
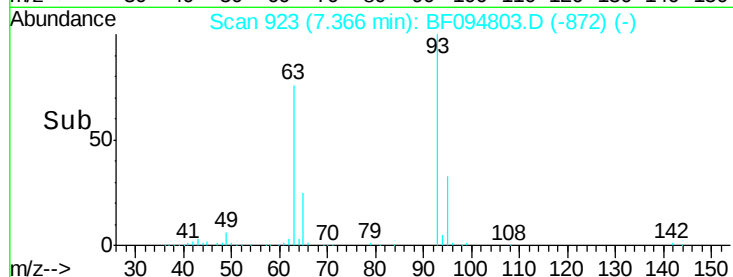
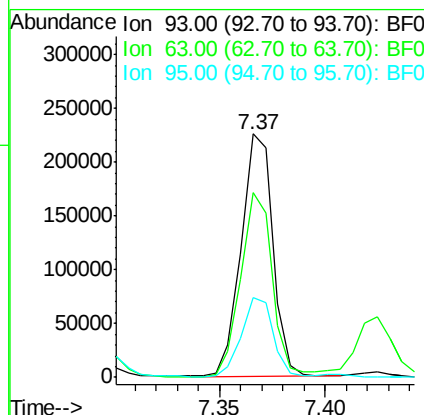
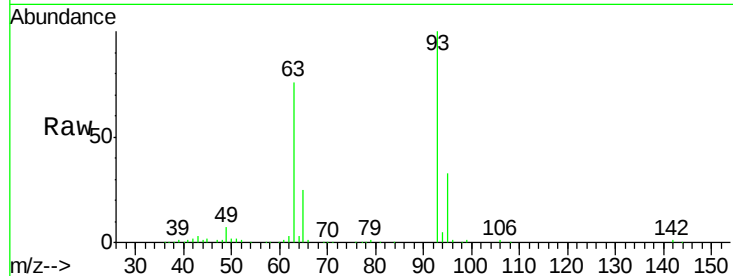
#11
bis(2-Chloroethyl)ether
Concen: 39.694 ng
RT: 7.37 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion:	93	Resp:	234449
Ion	Ratio	Lower	Upper
93	100		
63	76.0	59.2	99.2
95	32.6	12.8	52.8

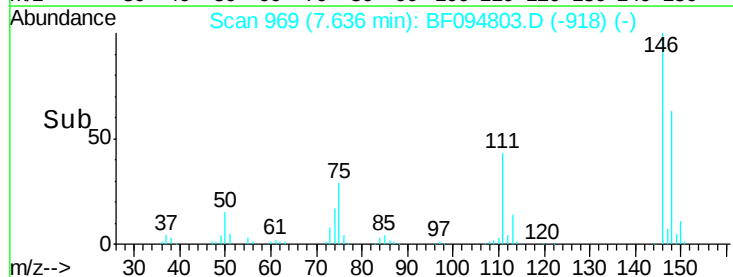
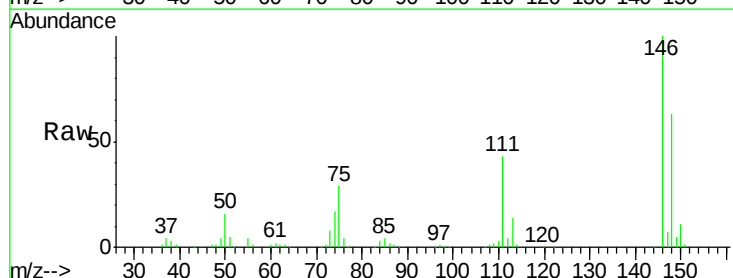
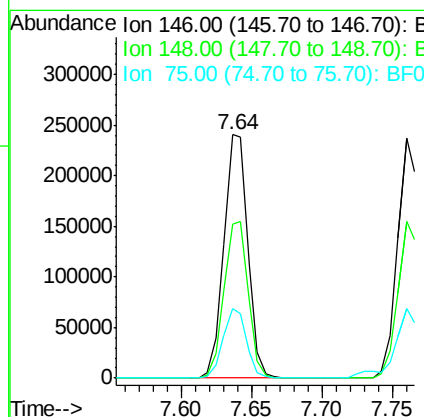
Manual Integrations
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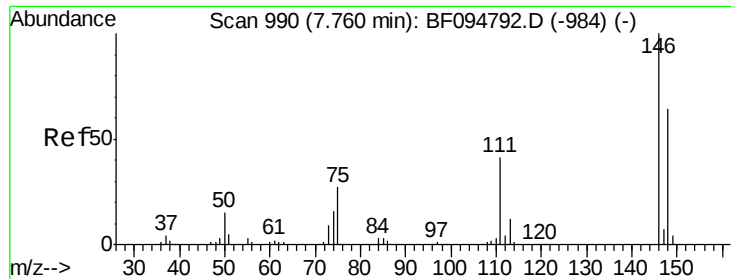
mohammad
5/4/2017 1:44:10 PM



#12
1,3-Dichlorobenzene
Concen: 38.718 ng
RT: 7.64 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion:	146	Resp:	282874
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
75	28.6	23.1	34.7





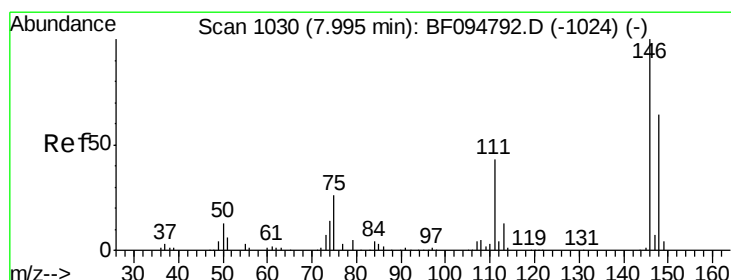
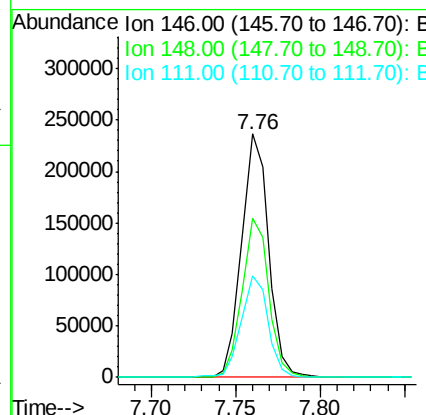
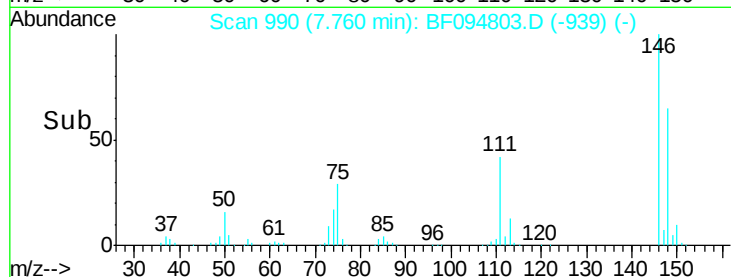
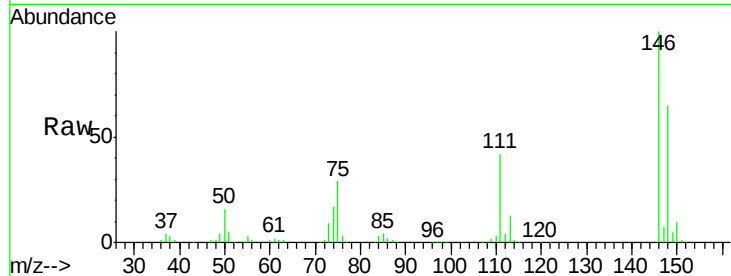
#13
 1,4-Dichlorobenzene
 Concen: 35.455 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	41.8	30.3	45.5

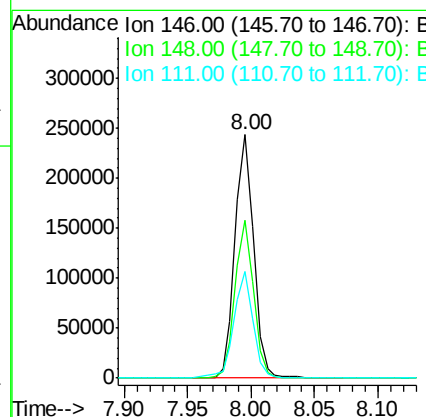
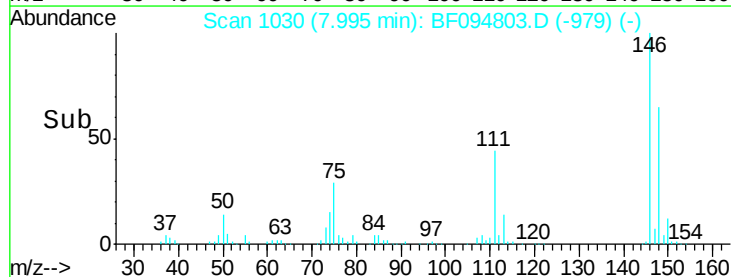
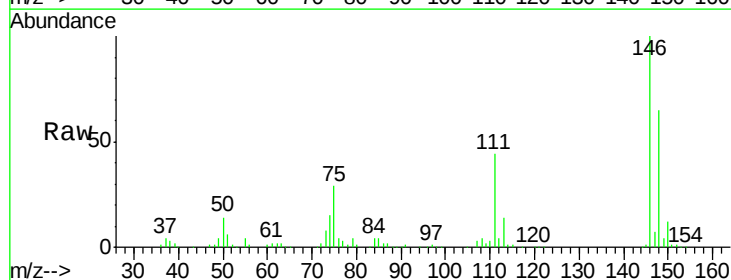
Manual Integrations
 APPROVED

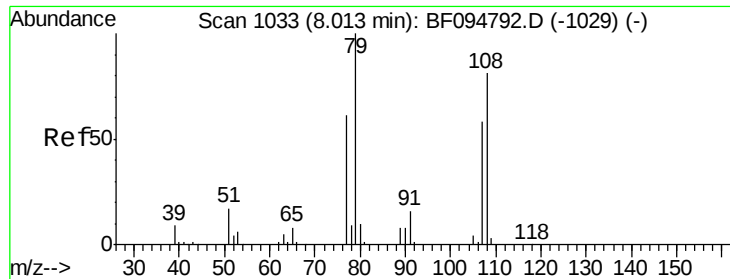
mohammad
 5/4/2017 1:44:10 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.800 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	43.6	38.2	57.4





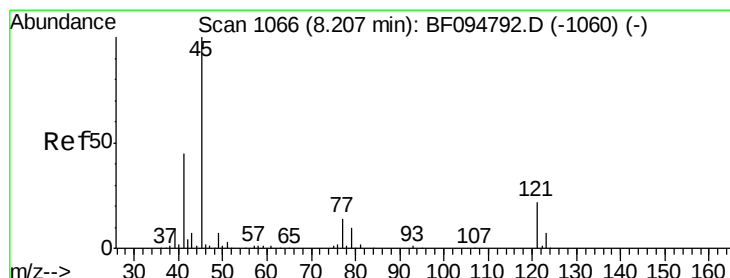
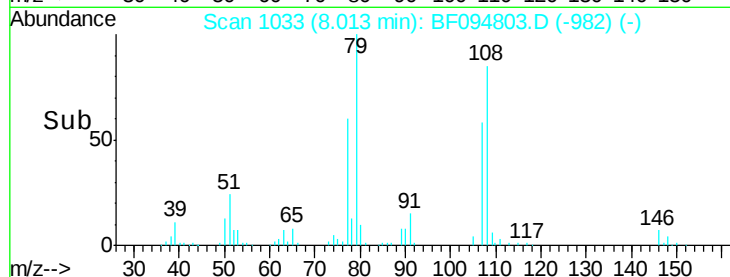
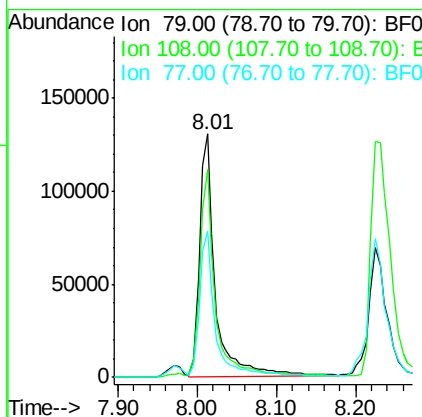
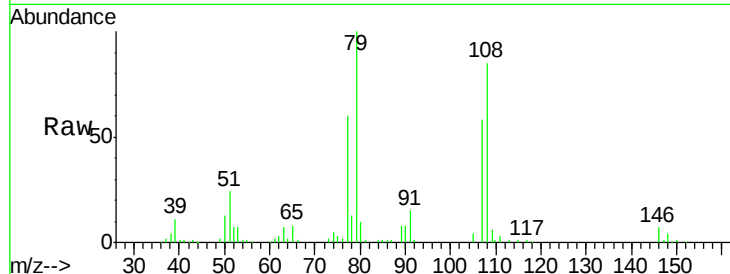
#15
Benzyl Alcohol
Concen: 42.480 ng
RT: 8.01 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	185507		
108	85.1	63.4	95.0	
77	59.9	49.2	73.8	

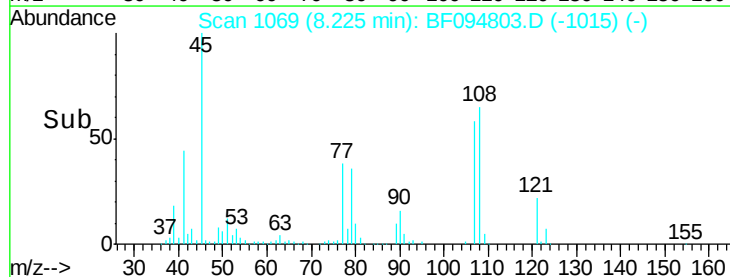
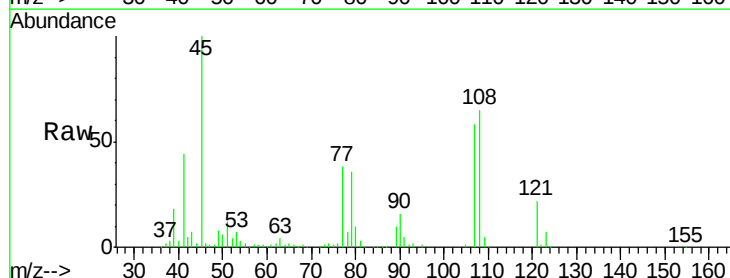
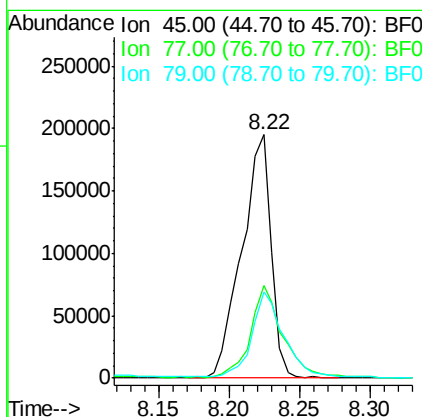
Manual Integrations
APPROVED

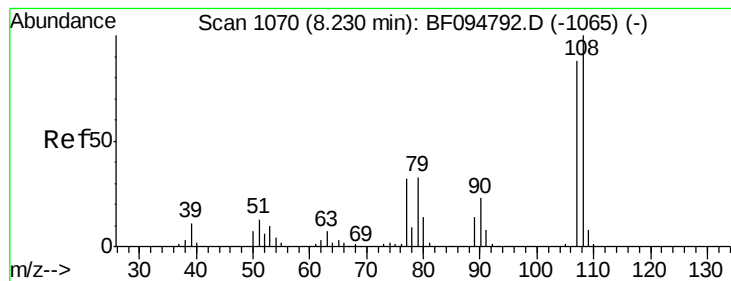
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.963 ng
RT: 8.22 min Scan# 1069
Delta R.T. 0.02 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

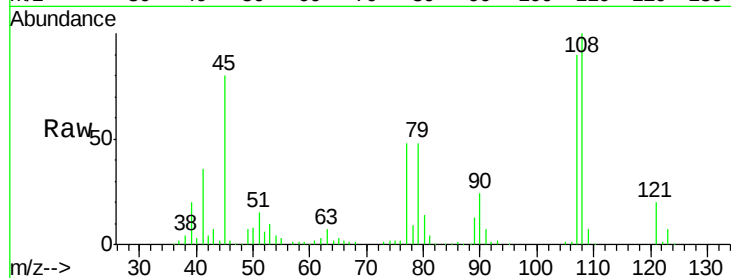
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	283925		
77	38.2	0.0	33.2#	
79	35.6	0.0	30.0#	





#17
2-Methylphenol
Concen: 38.230 ng
RT: 8.23 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

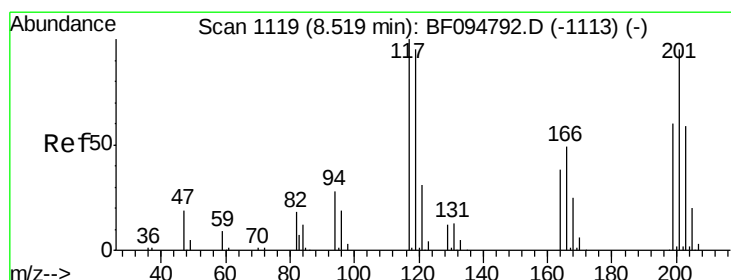
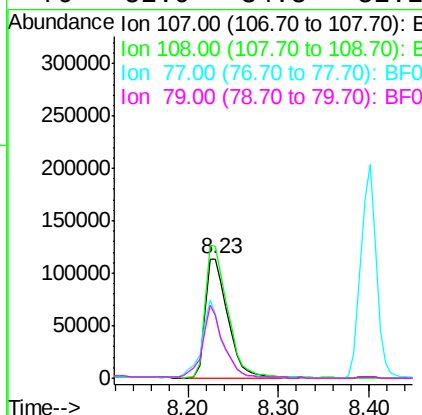
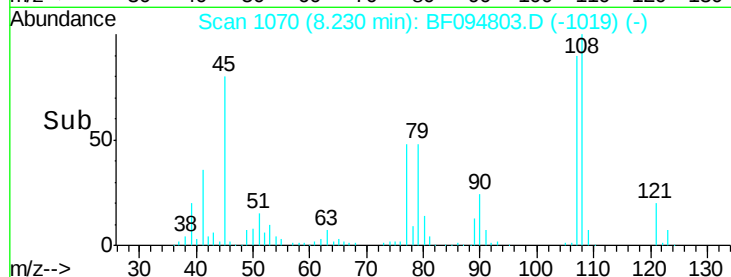
Instrument :
BNA_F
ClientSampleId :
PB98612BS



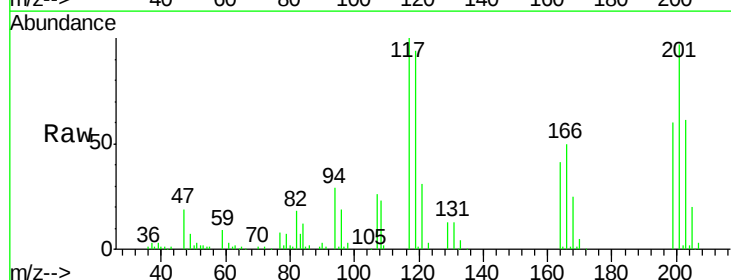
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	201508		
108	110.8	93.4	140.0	
77	53.3	35.8	53.6	
79	52.9	34.8	52.2#	

Manual Integrations
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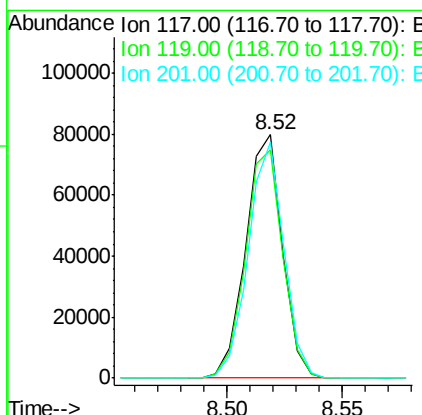
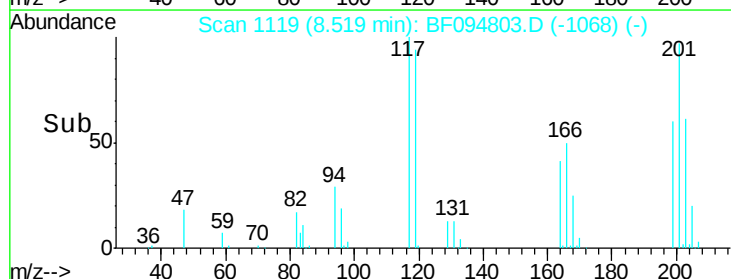
mohammad
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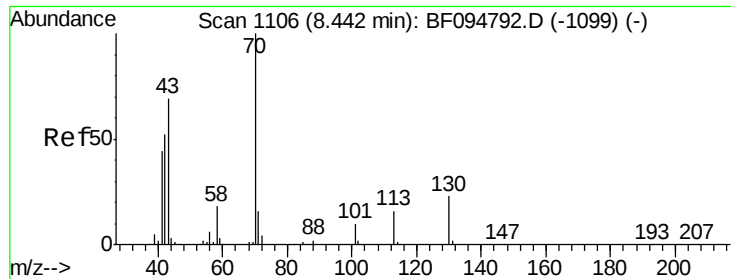


#18
Hexachloroethane
Concen: 35.233 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88433		
119	94.0	77.4	116.0	
201	97.0	94.6	141.8	





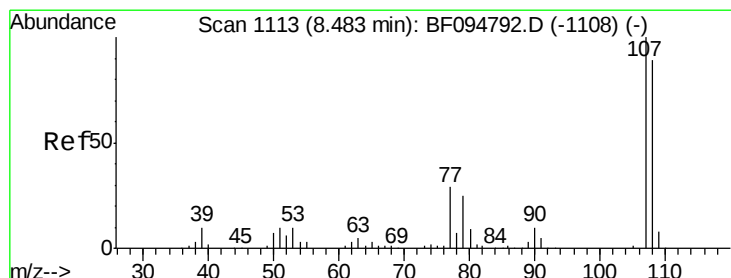
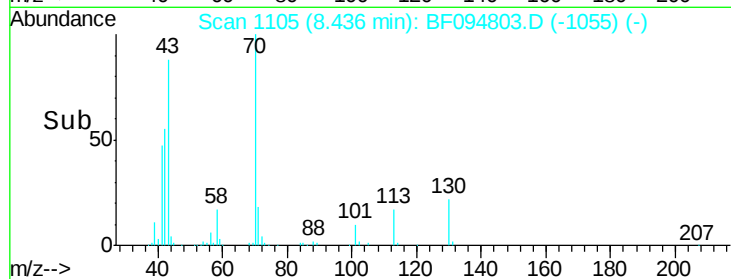
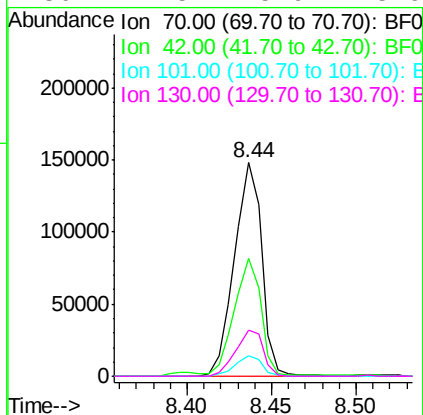
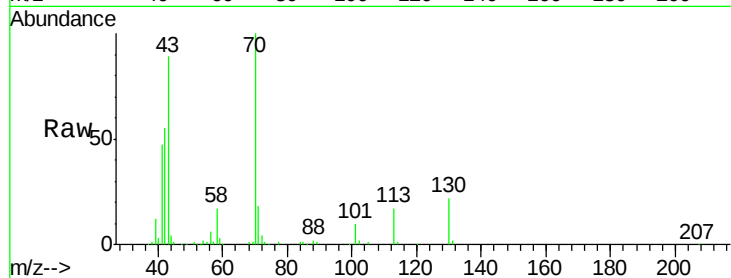
#19
n-Nitroso-di-n-propylamine
Concen: 36.477 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.2	70.8
101	9.7	7.2	10.8
130	21.5	15.9	23.9

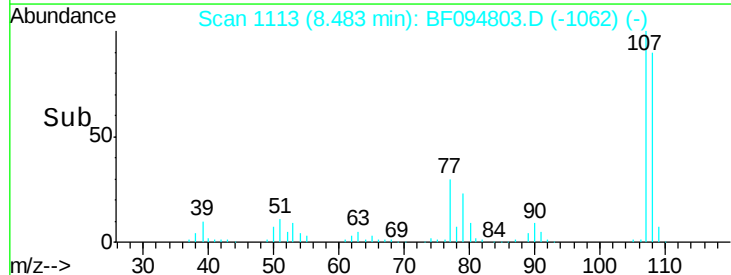
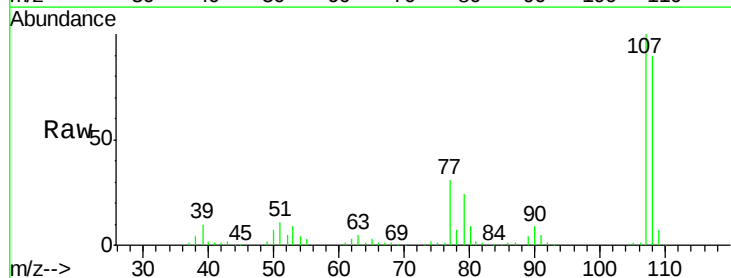
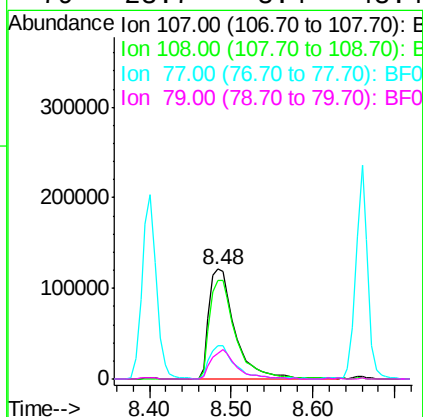
Manual Integrations
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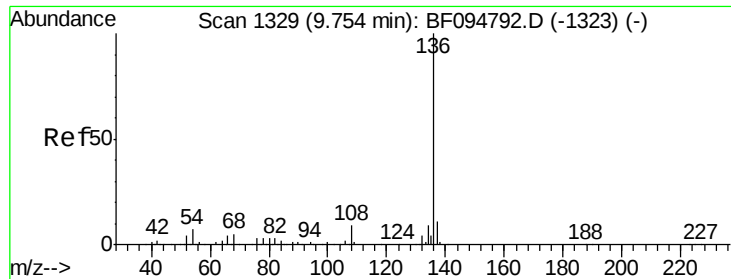
mohammad
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#20
3+4-Methylphenols
Concen: 37.531 ng
RT: 8.48 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	30.5	90.5	130.5#
79	23.7	8.4	48.4





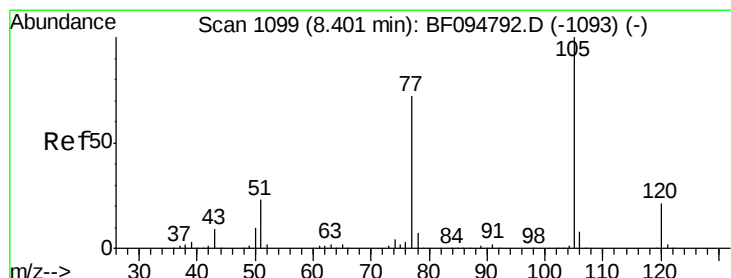
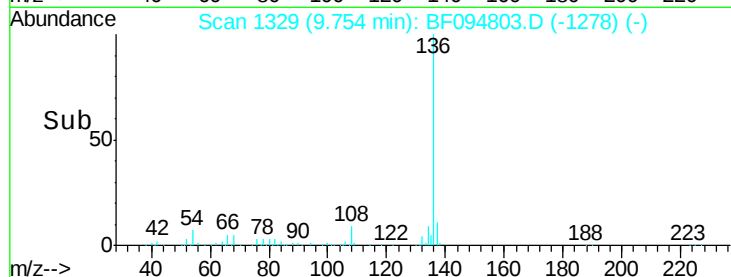
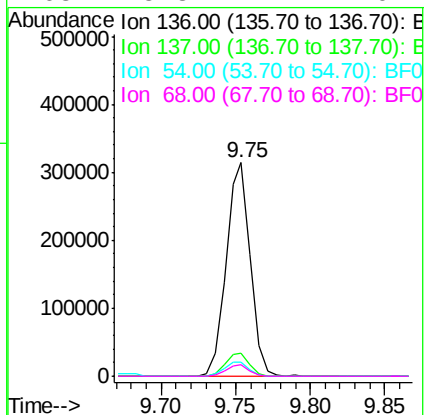
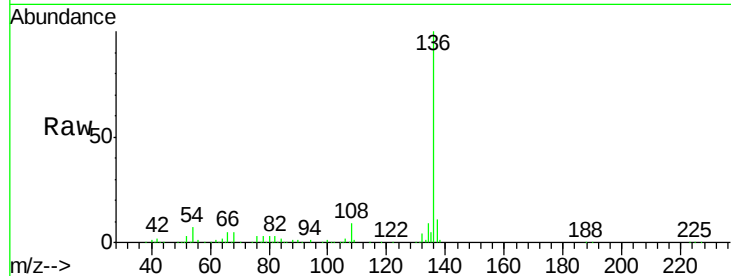
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	355726		
137	10.9	8.5	12.7	
54	6.5	4.9	7.3	
68	5.3	4.1	6.1	

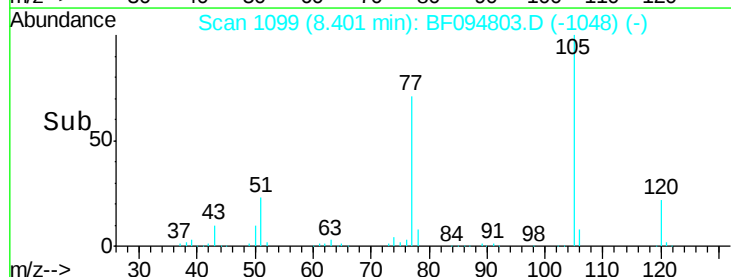
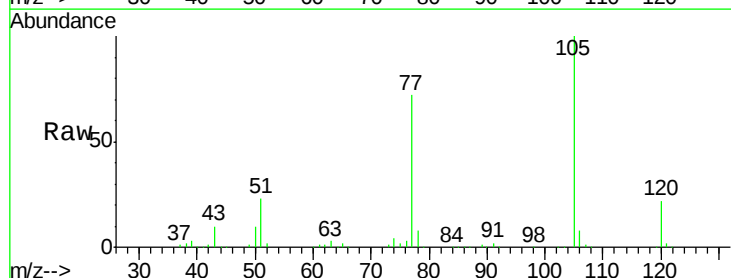
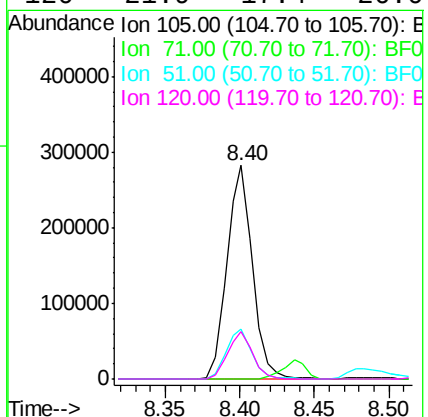
Manual Integrations
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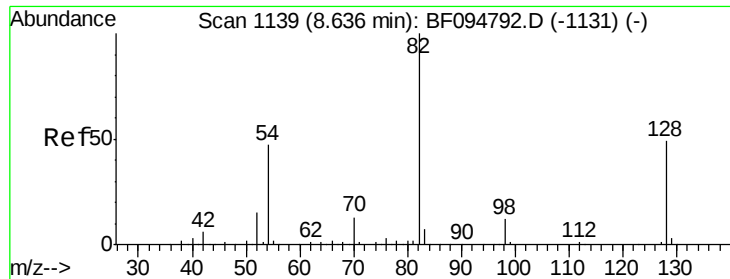
mohammad
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#22
Acetophenone
Concen: 39.806 ng
RT: 8.40 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339737		
71	0.0	2.8	4.2#	
51	23.4	30.7	46.1#	
120	21.9	17.4	26.0	





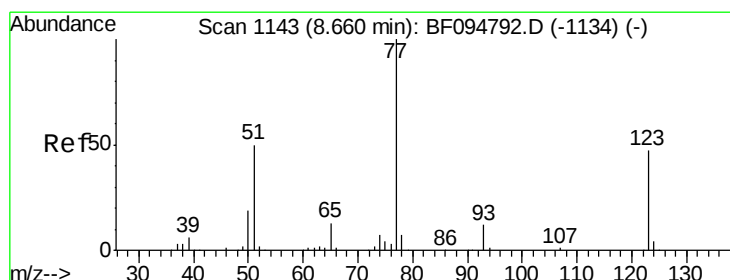
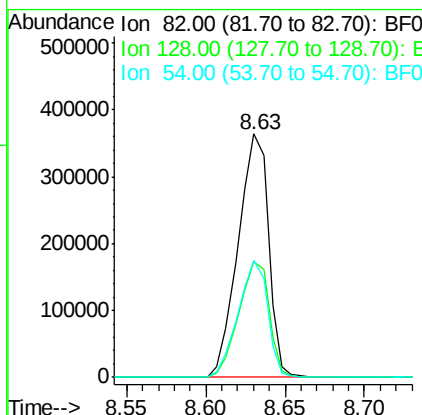
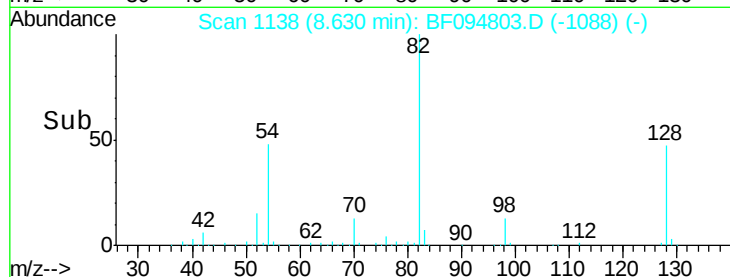
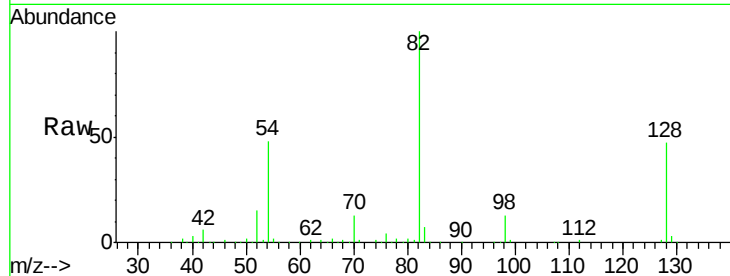
#23
 Nitrobenzene-d5
 Concen: 85.642 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	483122		
128	47.4	34.0	51.0	
54	47.8	42.2	63.2	

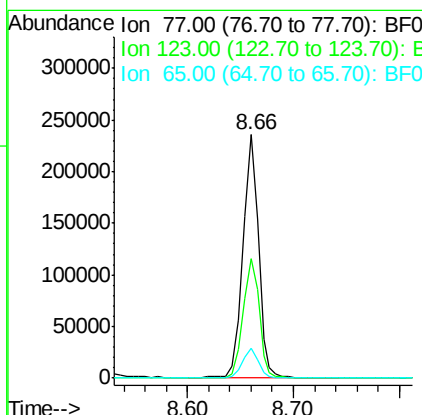
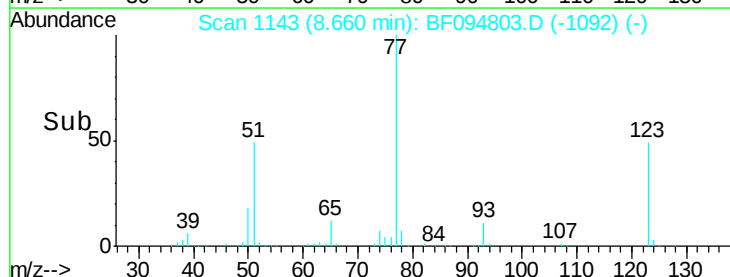
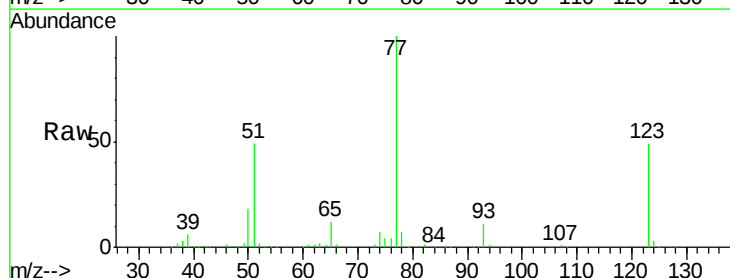
Manual Integrations
 APPROVED

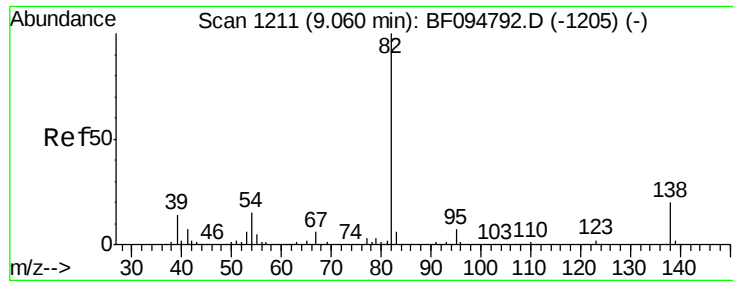
mohammad
 5/4/2017 1:44:10 PM



#24
 Nitrobenzene
 Concen: 40.554 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	239793		
123	49.0	35.8	53.8	
65	12.4	10.6	15.8	





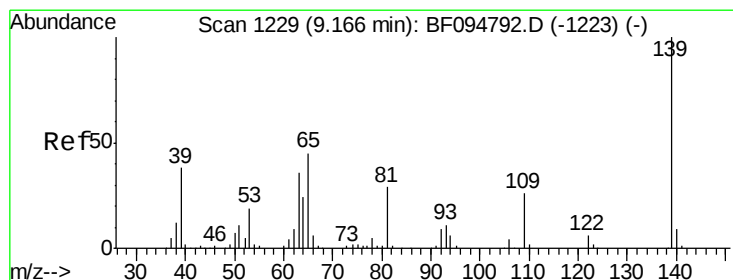
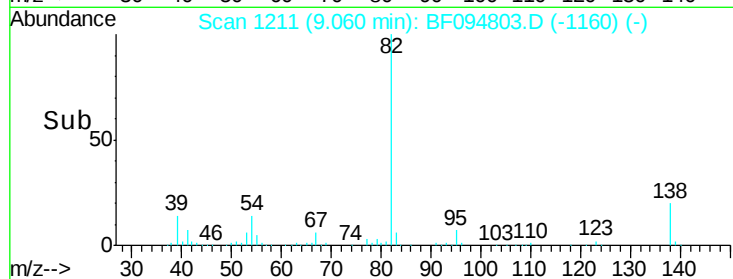
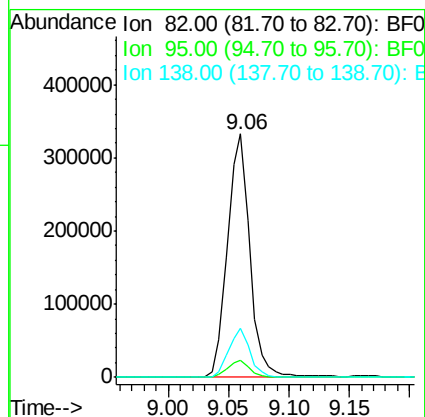
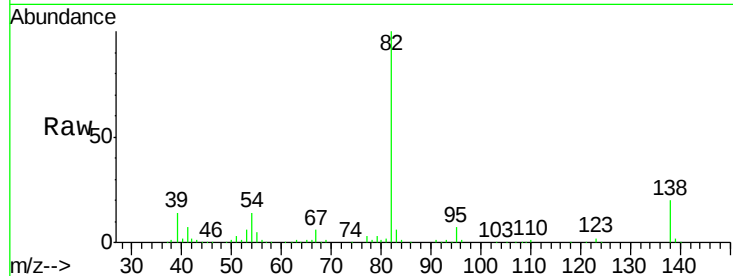
#25
Isophorone
Concen: 42.417 ng
RT: 9.06 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	427263		
95	6.7	5.3	7.9	
138	20.1	13.1	19.7	

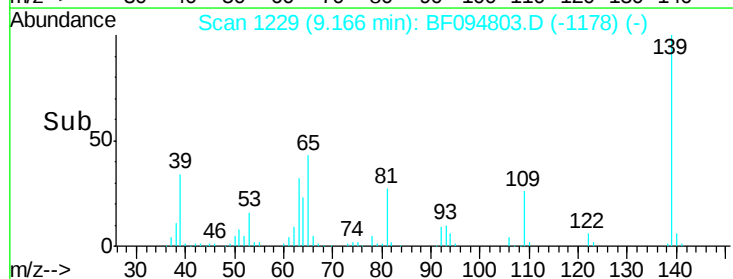
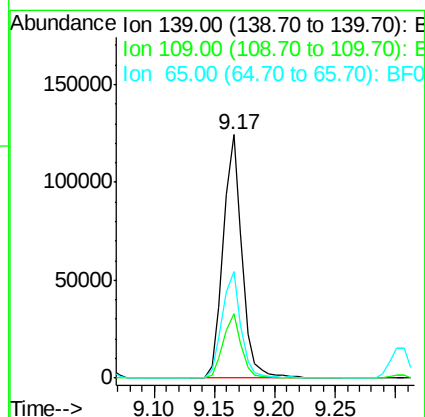
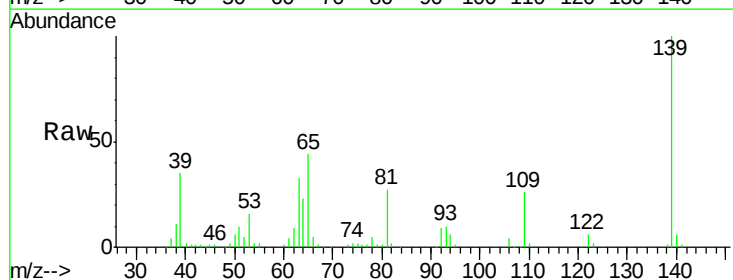
Manual Integrations
APPROVED

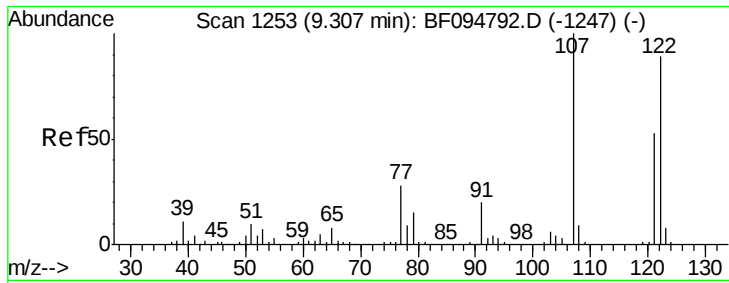
mohammad
5/4/2017 1:44:10 PM



#26
2-Nitrophenol
Concen: 41.898 ng
RT: 9.17 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	133681		
109	26.4	21.0	31.6	
65	43.6	33.0	49.6	





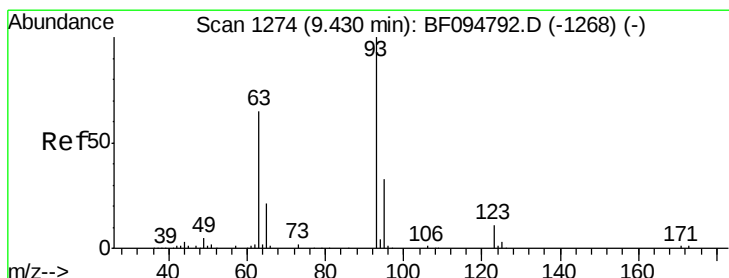
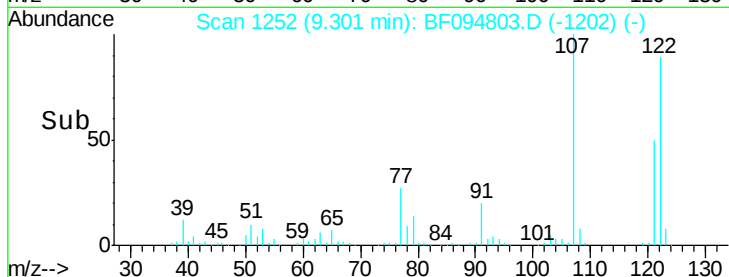
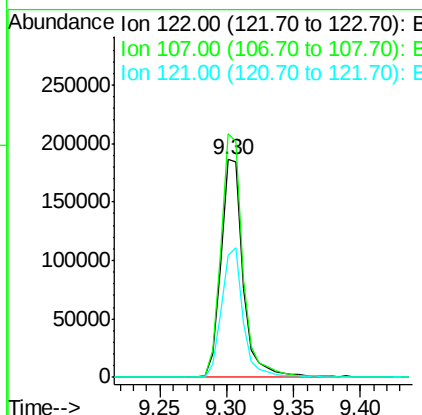
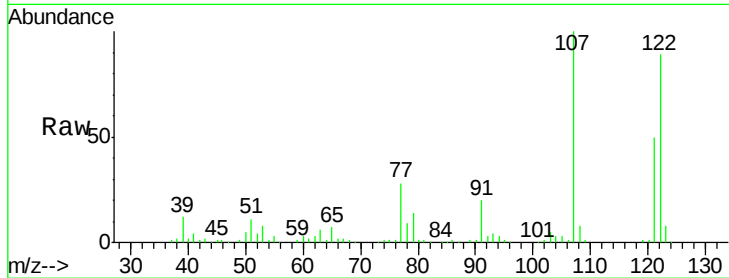
#27
 2,4-Dimethylphenol
 Concen: 42.866 ng
 RT: 9.30 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampled :
 PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	221127		
107	111.7	89.2	133.8	
121	56.1	45.2	67.8	

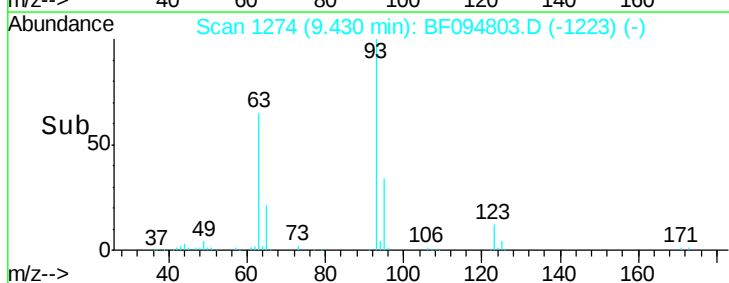
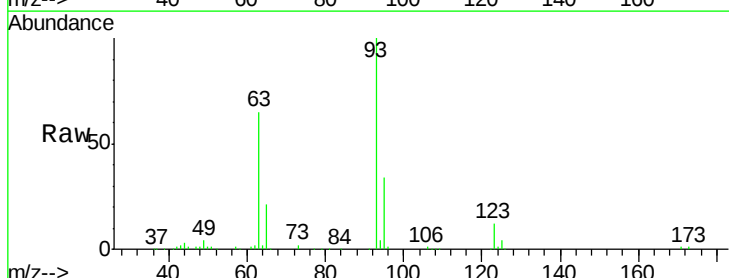
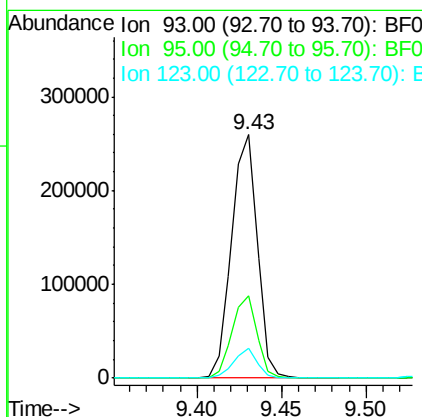
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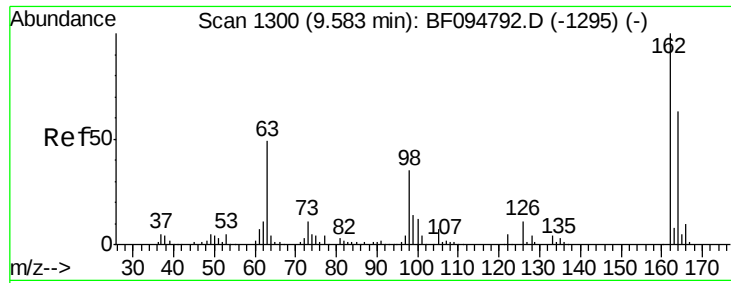
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.603 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	275968		
95	33.6	26.5	39.7	
123	12.1	9.0	13.4	





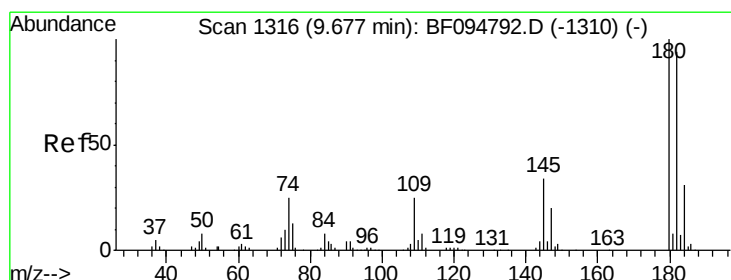
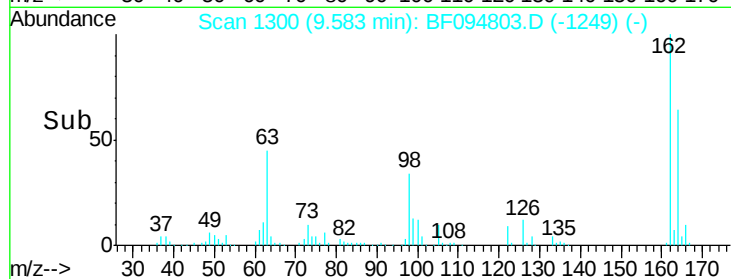
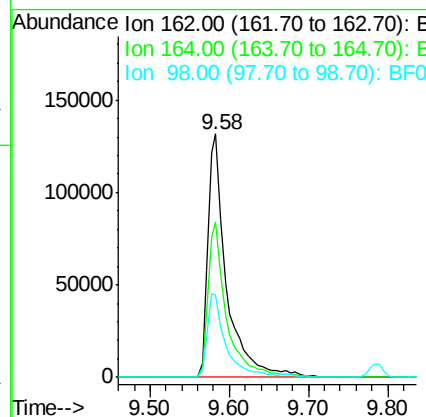
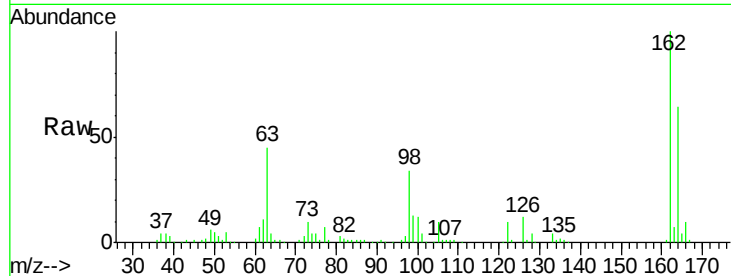
#29
2,4-Dichlorophenol
Concen: 44.539 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	216936		
164	63.8	44.6	84.6	
98	33.7	14.8	54.8	

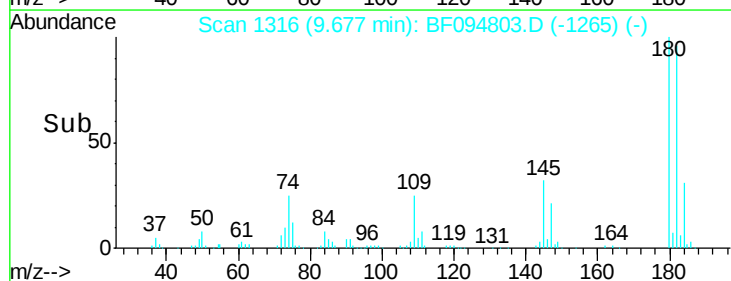
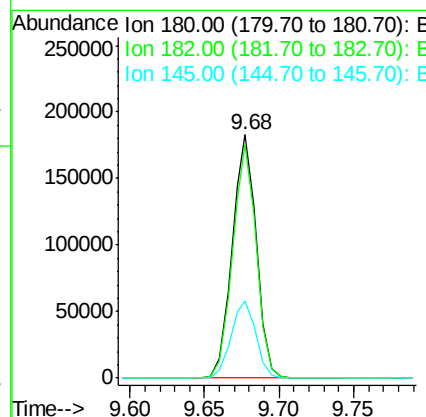
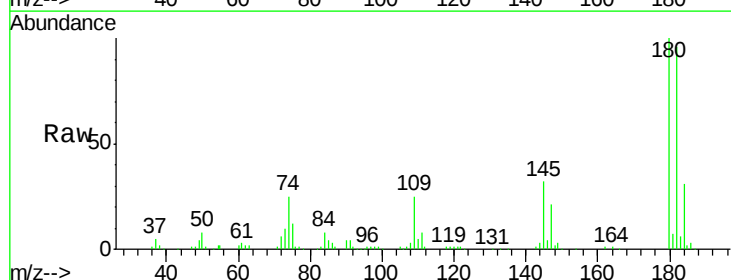
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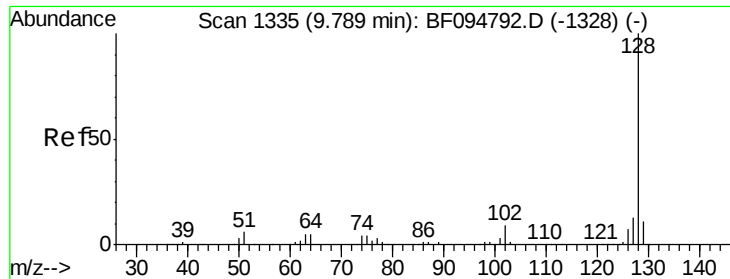
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#30
1,2,4-Trichlorobenzene
Concen: 39.758 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	207470		
182	96.0	75.8	113.6	
145	31.8	25.3	37.9	





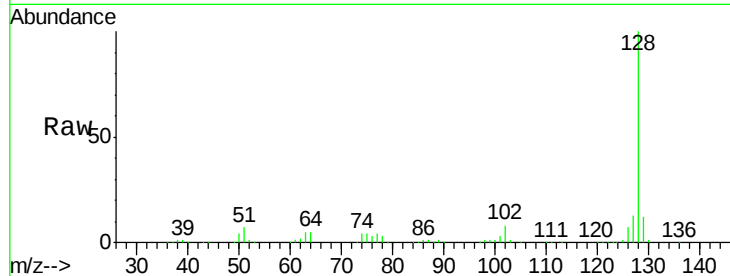
#31
Naphthalene
Concen: 39.986 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

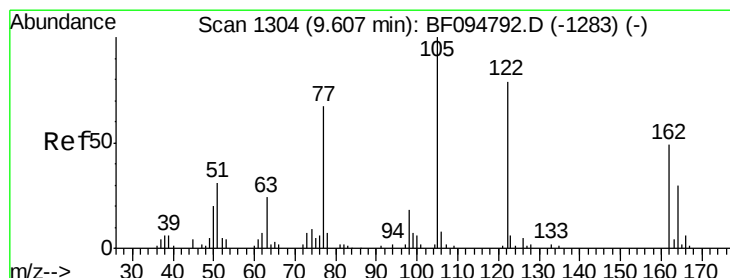
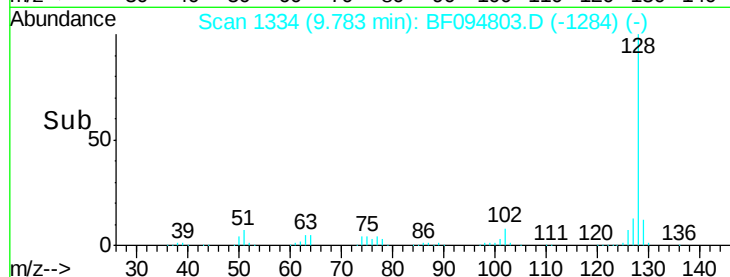
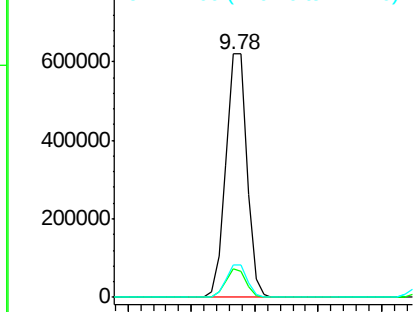
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	714893		
129	11.6	9.0	13.6	
127	13.1	10.8	16.2	

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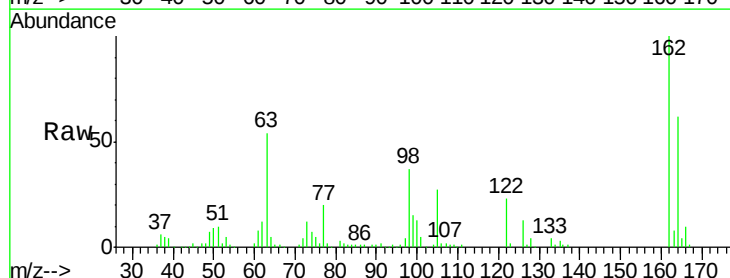


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

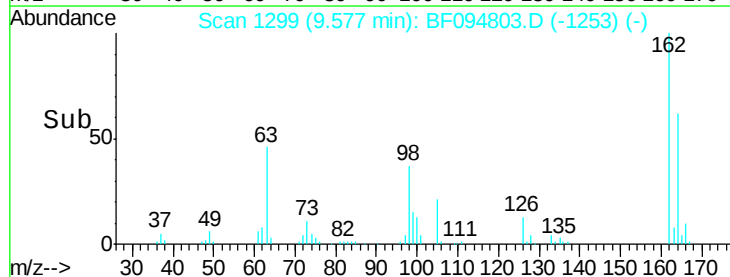
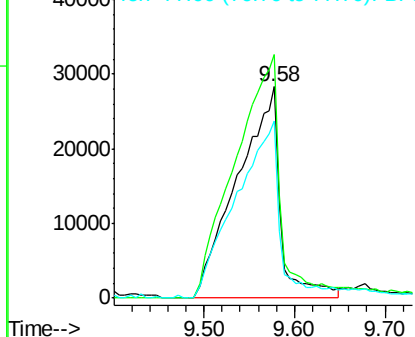


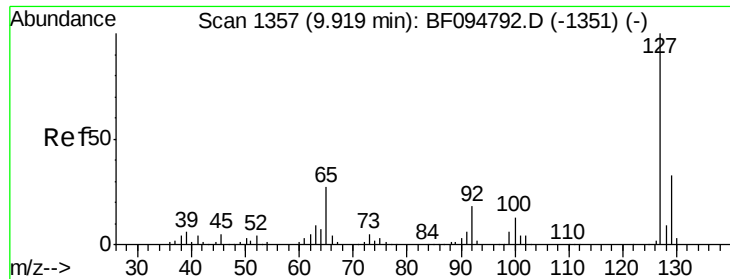
#32
Benzoic acid
Concen: 29.783 ng
RT: 9.58 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	93568		
105	115.1	103.3	143.3	
77	83.8	73.7	113.7	



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





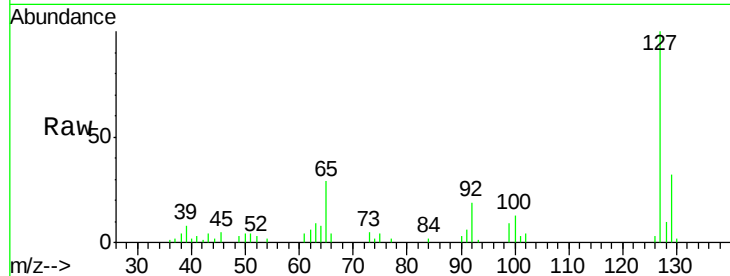
#33
4-Chloroaniline
Concen: 7.379 ng
RT: 9.93 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

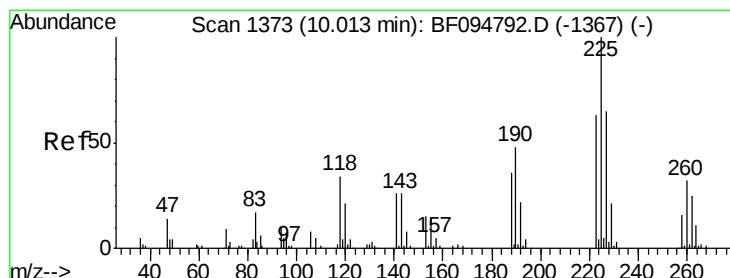
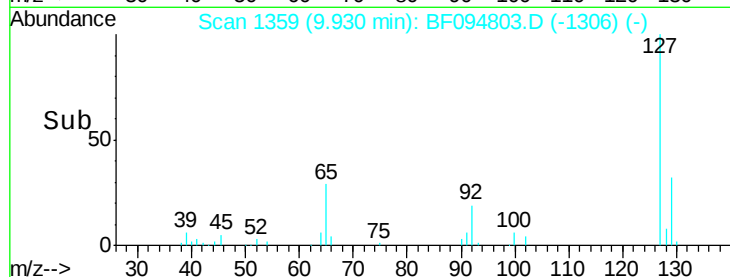
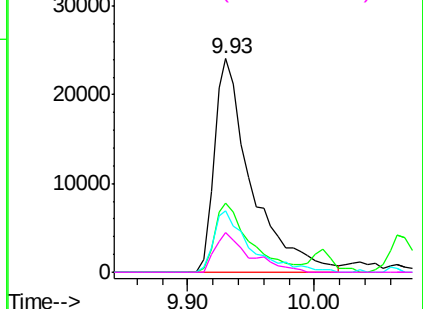
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	49166		
129	32.1	26.2	39.2	
65	28.9	27.8	41.8	
92	18.8	16.8	25.2	

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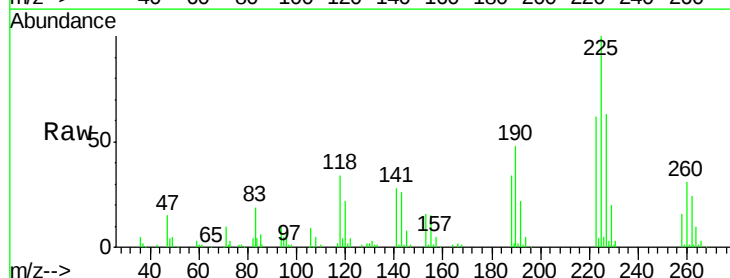


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

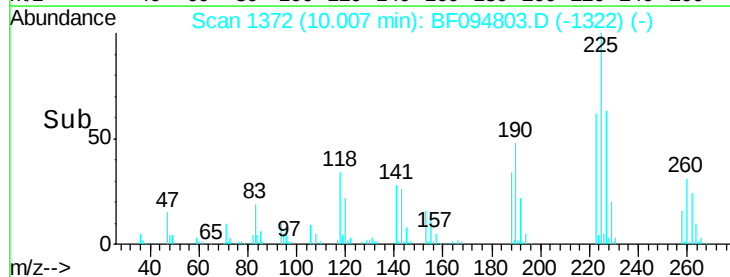
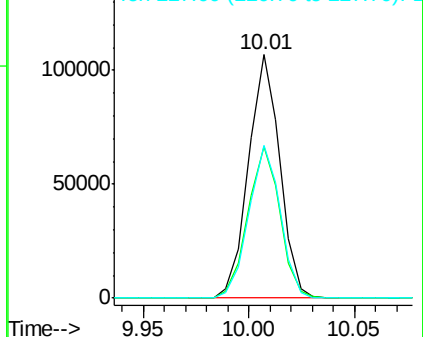


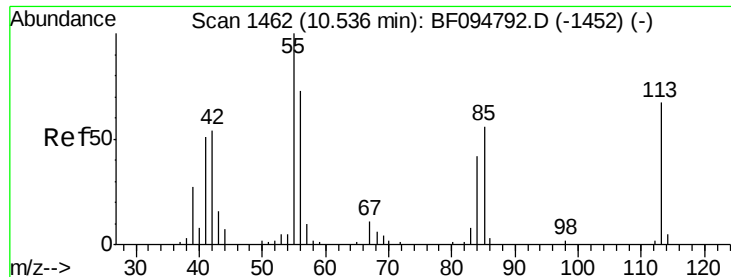
#34
Hexachlorobutadiene
Concen: 40.134 ng
RT: 10.01 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110507		
223	62.0	48.8	73.2	
227	62.8	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: 49.473 ng m

RT: 10.53 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB98612BS

Tgt Ion:113 Resp: 72359

Ion Ratio Lower Upper

113 100

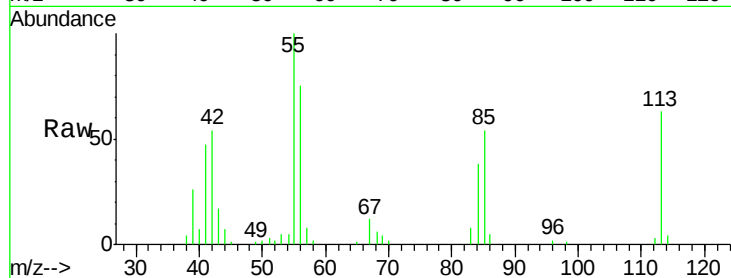
55 158.9 150.2 190.2

56 118.4 107.8 147.8

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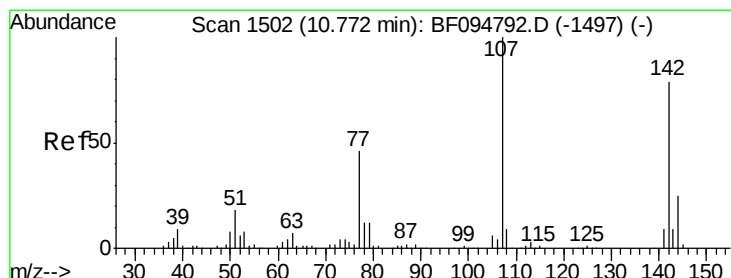
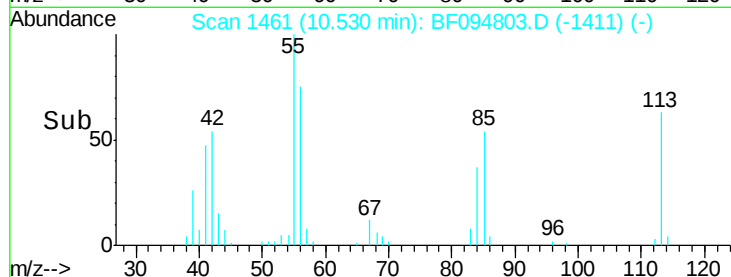
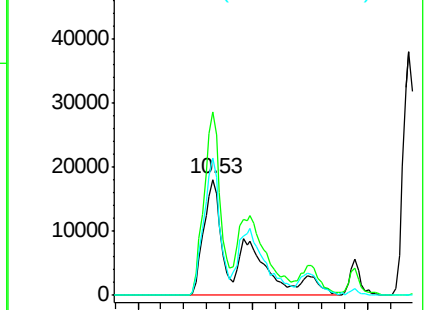
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.193 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

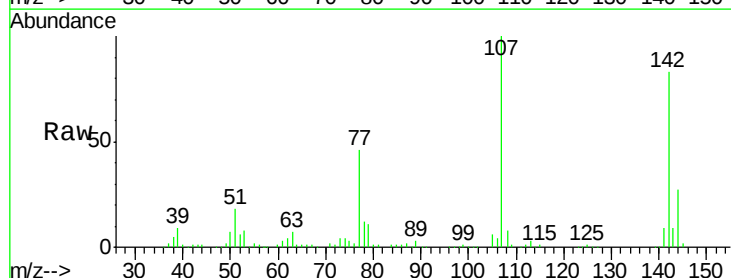
Tgt Ion:107 Resp: 240558

Ion Ratio Lower Upper

107 100

144 26.8 24.2 36.4

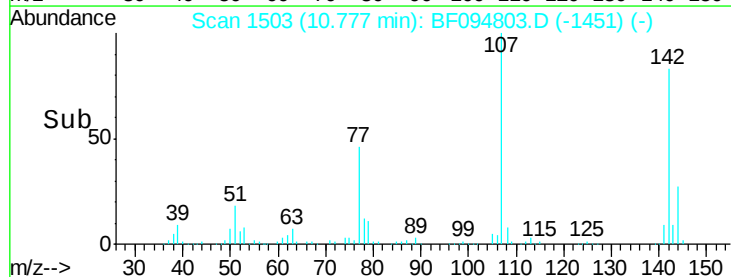
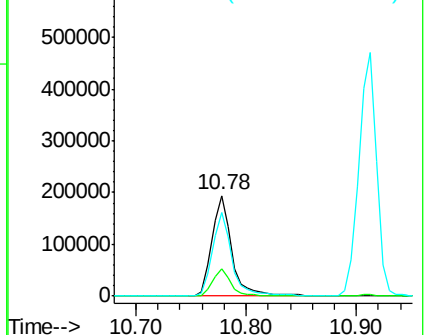
142 83.4 73.4 110.0

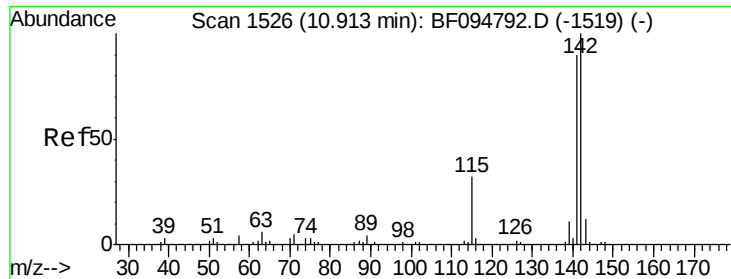


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





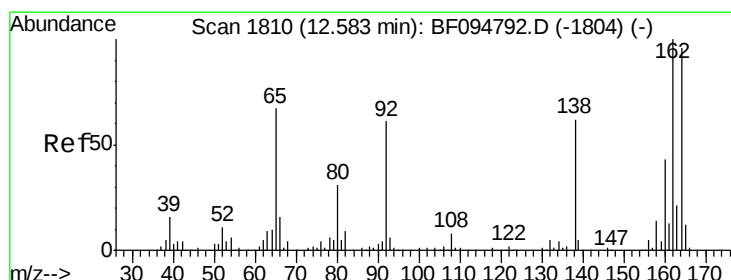
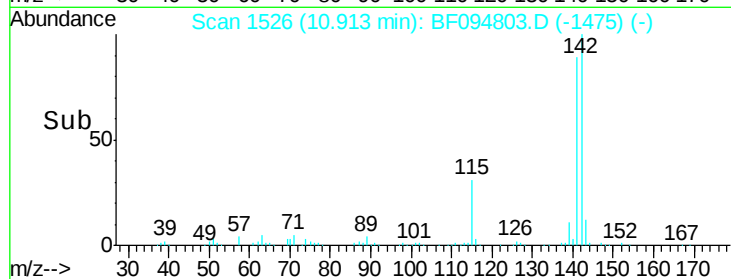
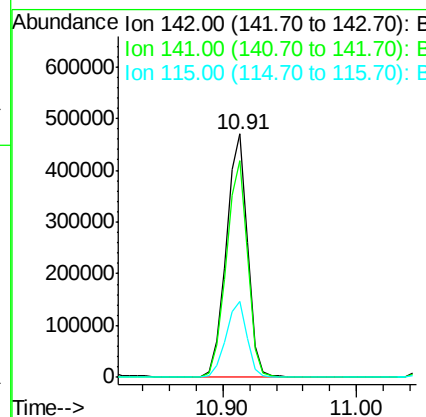
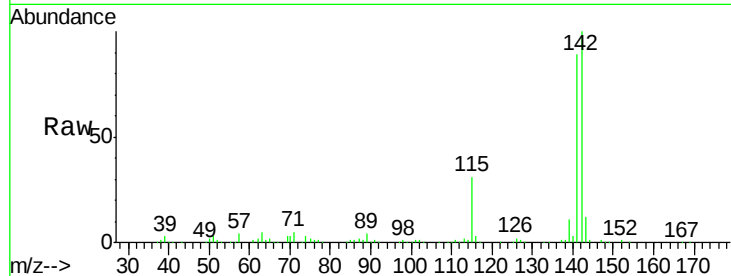
#37
2-Methylnaphthalene
Concen: 45.194 ng
RT: 10.91 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	31.3	27.1	40.7

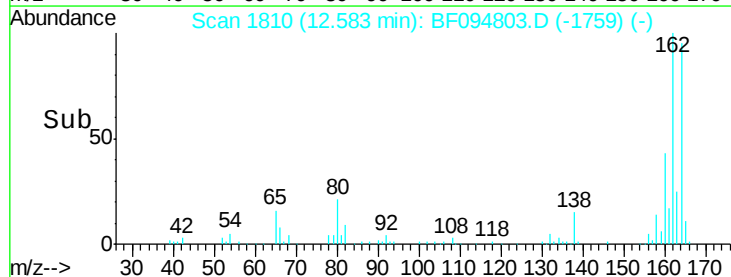
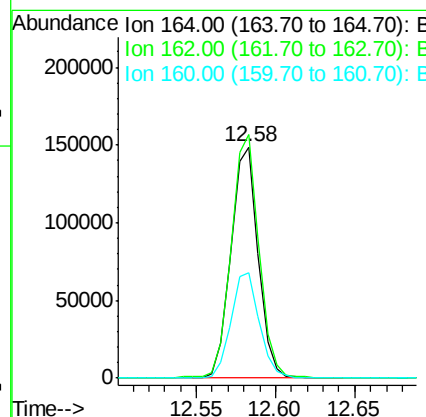
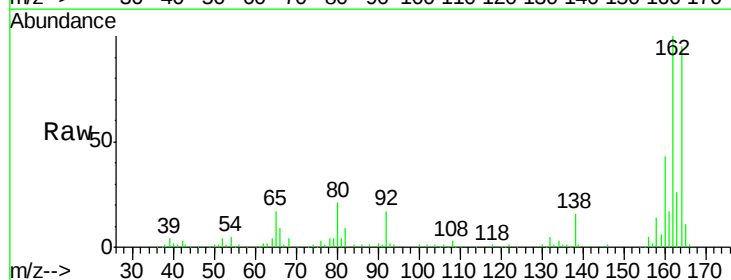
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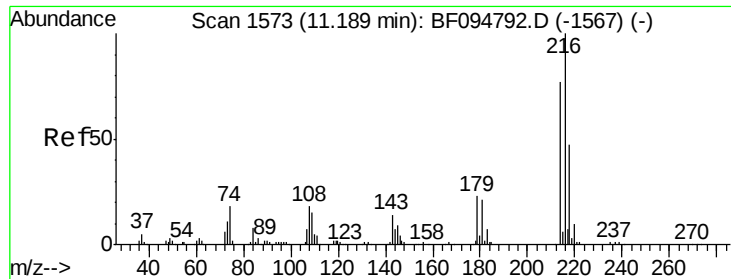
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.6	36.2	54.2





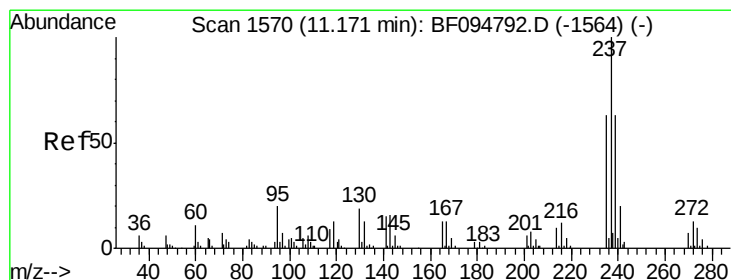
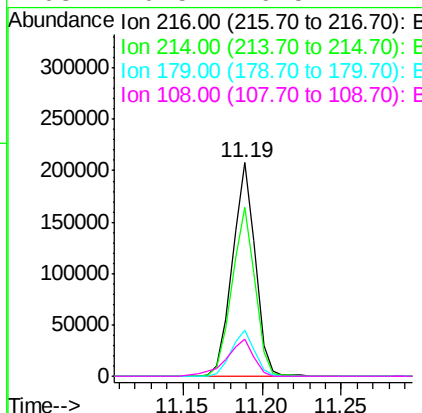
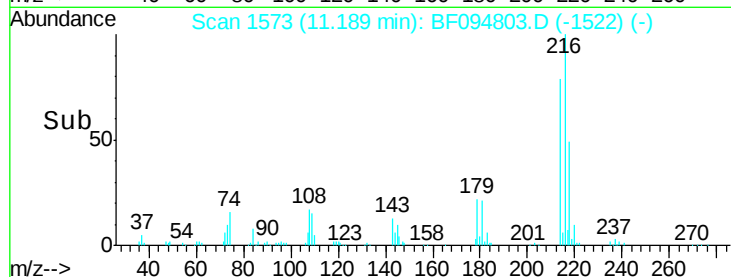
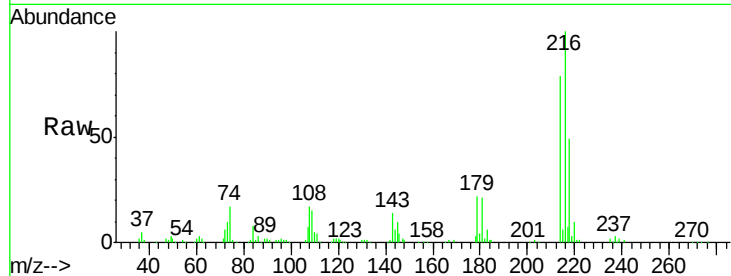
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.140 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	207069		
214	79.4	63.4	95.2	
179	22.0	17.9	26.9	
108	20.5	16.5	24.7	

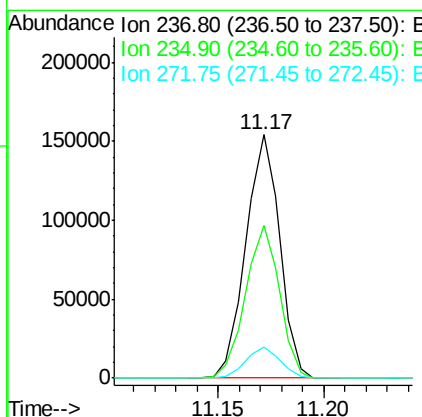
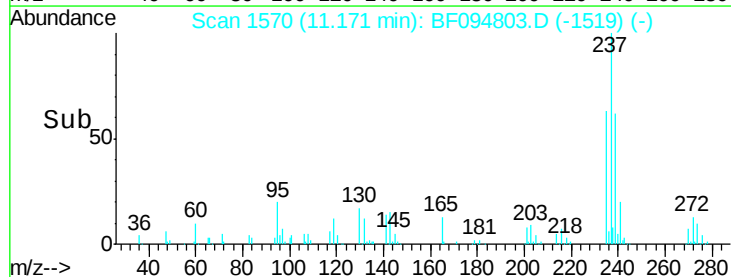
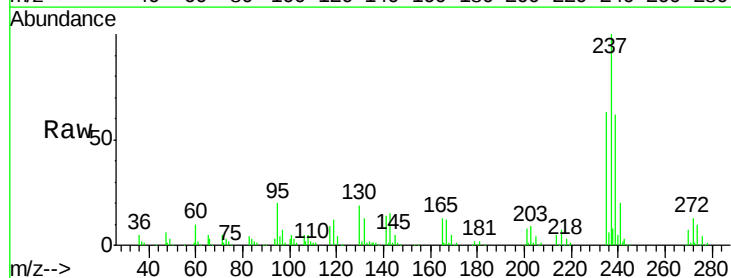
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#40
 Hexachlorocyclopentadiene
 Concen: 75.718 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	172018		
235	62.9	42.6	82.6	
272	12.6	0.0	31.9	





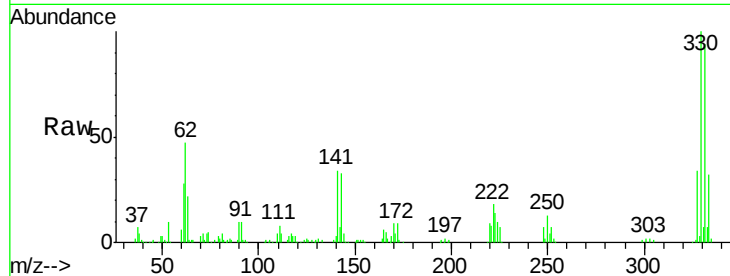
#41
 2,4,6-Tribromophenol
 Concen: 139.090 ng
 RT: 13.88 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

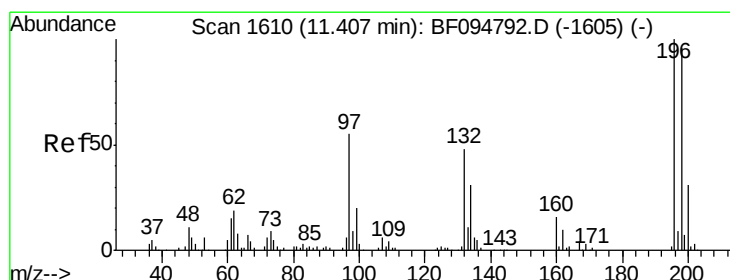
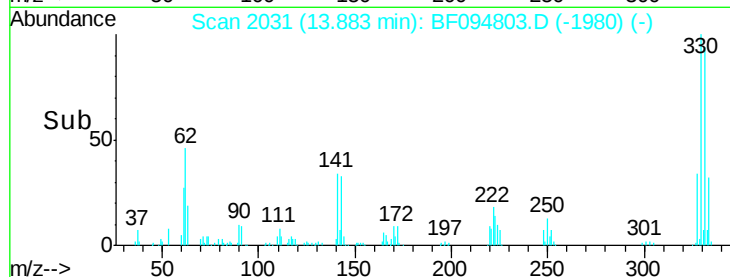
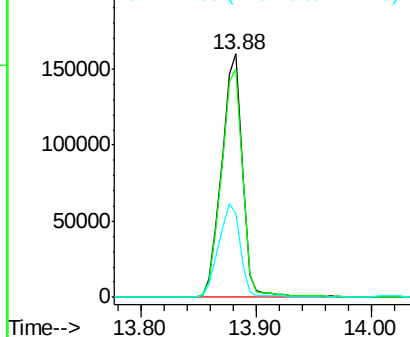
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	201101		
332	97.2	76.6	115.0	
141	40.3	31.4	47.2	

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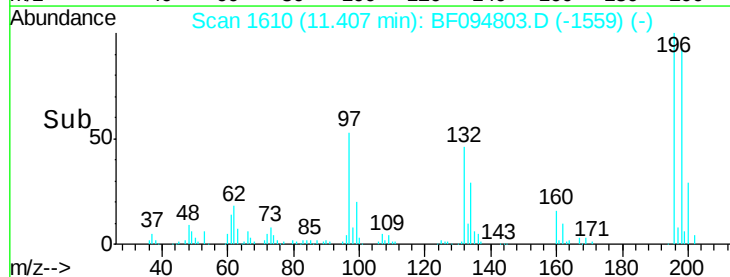
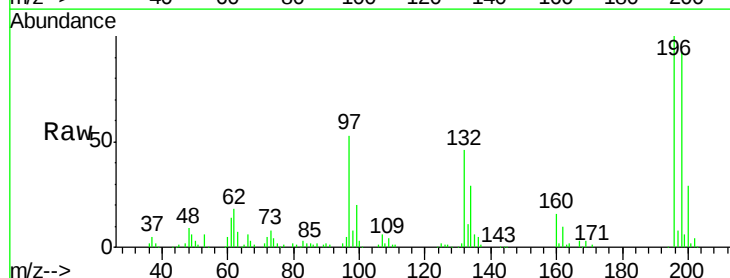
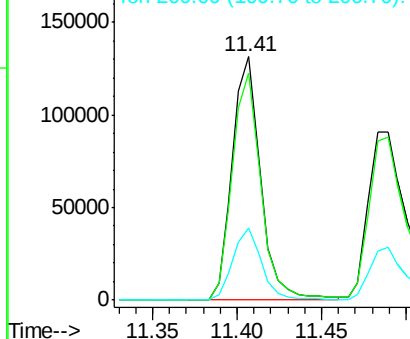
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.405 ng
 RT: 11.41 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153713		
198	93.2	74.2	111.4	
200	29.5	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





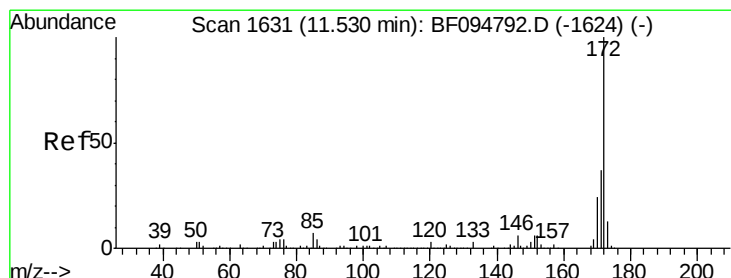
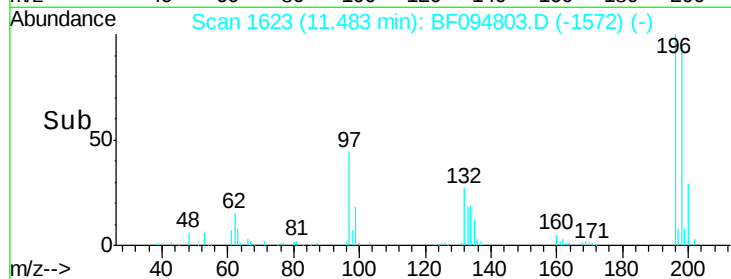
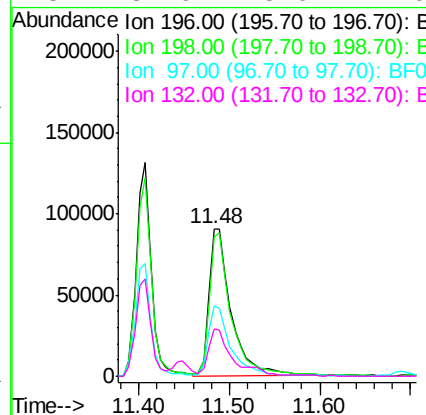
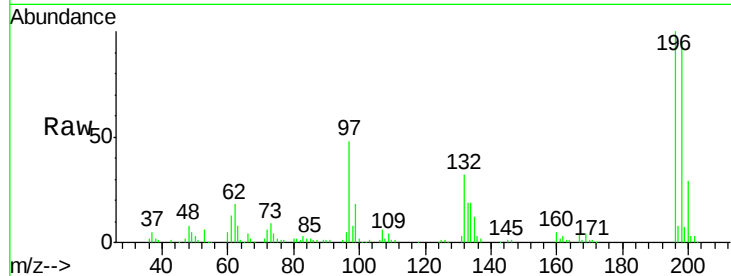
#43
 2,4,5-Trichlorophenol
 Concen: 40.253 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156826		
198	94.9	75.7	113.5	
97	48.1	47.7	71.5	
132	31.9	28.0	42.0	

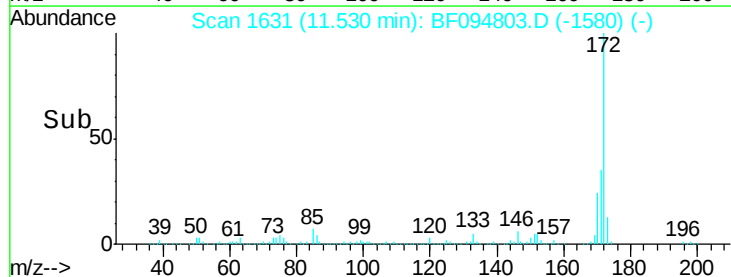
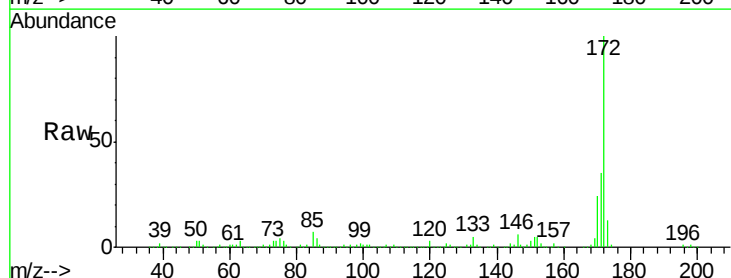
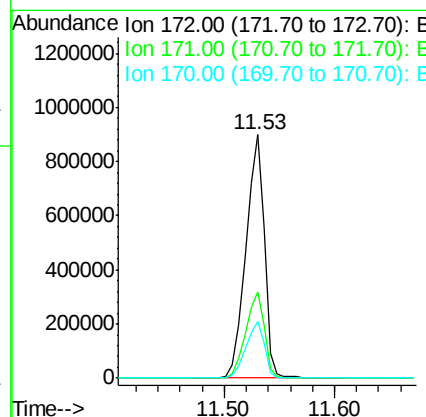
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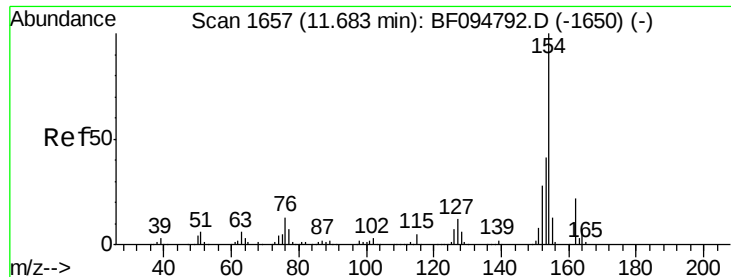
mohammad
 5/4/2017 1:44:10 PM



#44
 2-Fluorobiphenyl
 Concen: 86.485 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1060791		
171	35.4	29.6	44.4	
170	23.5	19.8	29.8	





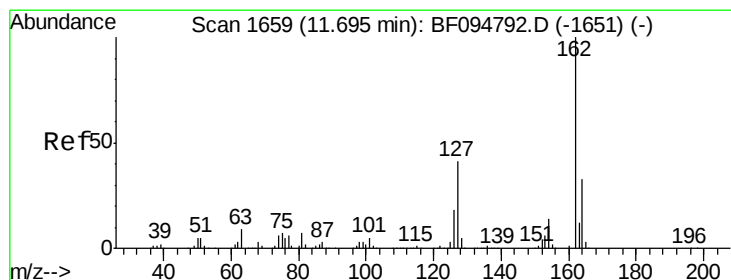
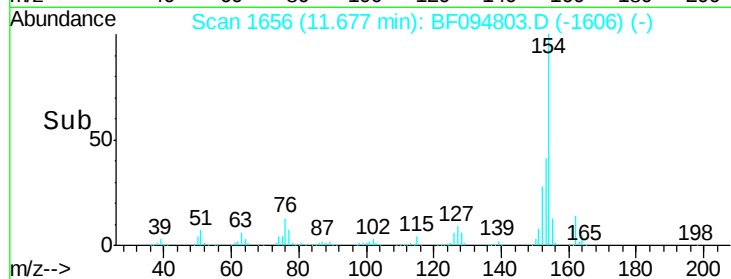
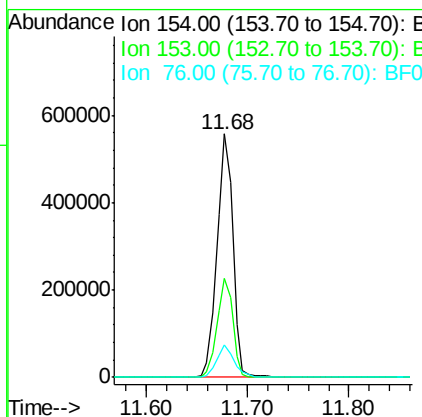
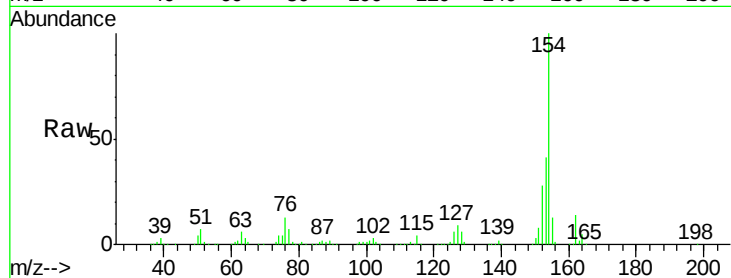
#45
 1,1'-Biphenyl
 Concen: 40.913 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.4	0.0	29.9

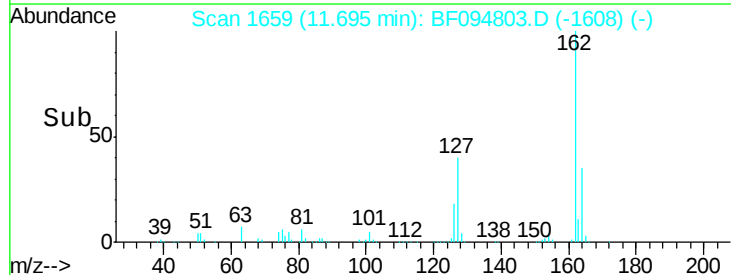
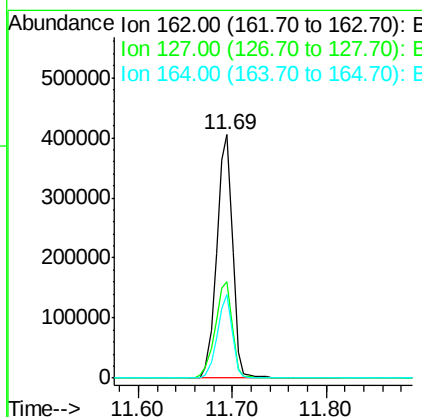
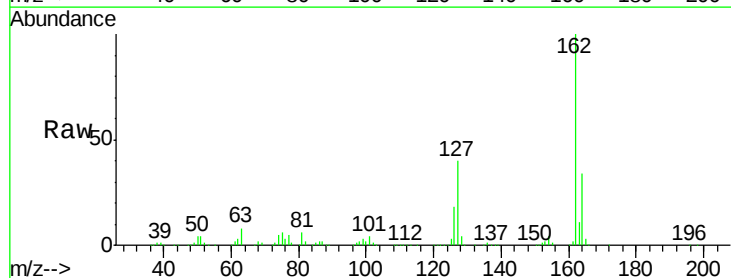
Manual Integrations
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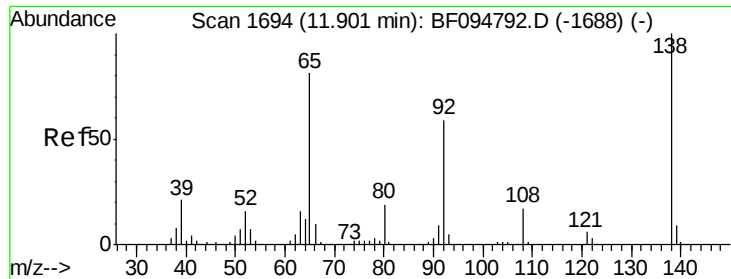
mohammad
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#46
 2-Chloronaphthalene
 Concen: 39.842 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	28.3	42.5
164	34.2	27.0	40.4





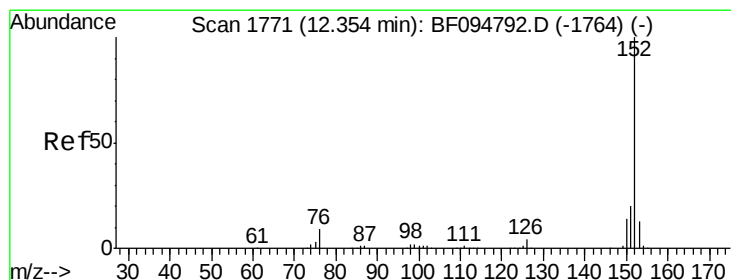
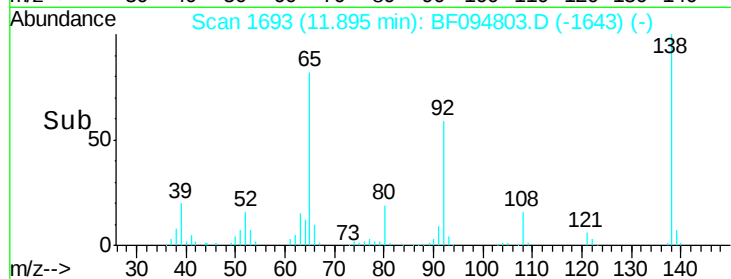
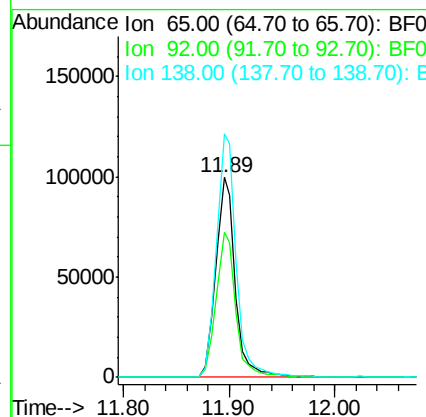
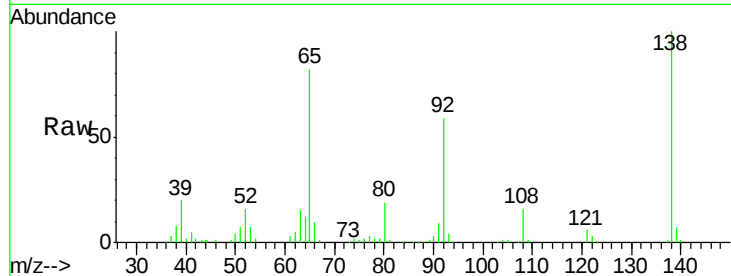
#47
 2-Nitroaniline
 Concen: 39.720 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	53.9	80.9
138	121.8	78.8	118.2

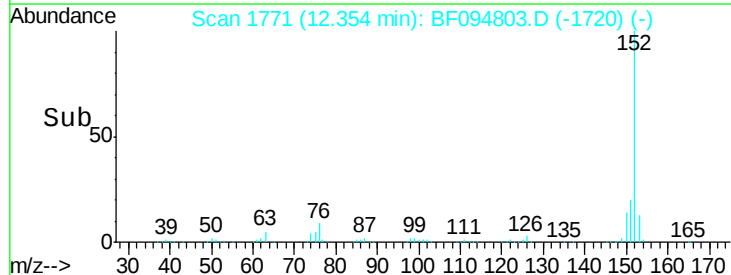
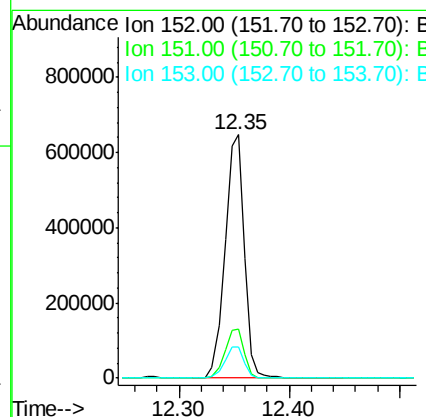
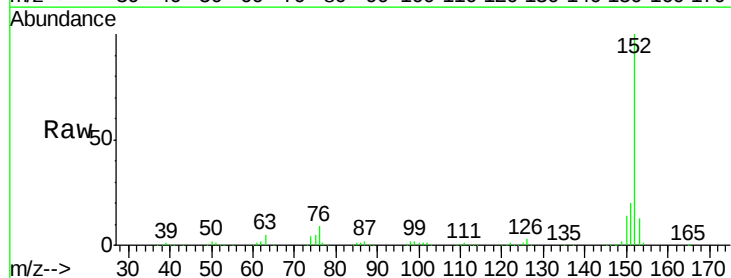
Manual Integrations
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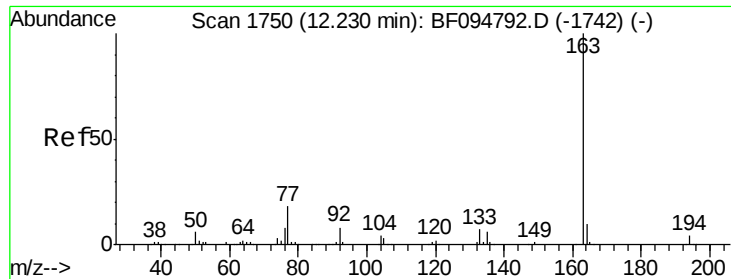
mohammad
 5/4/2017 1:44:10 PM



#48
 Acenaphthylene
 Concen: 41.775 ng
 RT: 12.35 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.9	10.8	16.2





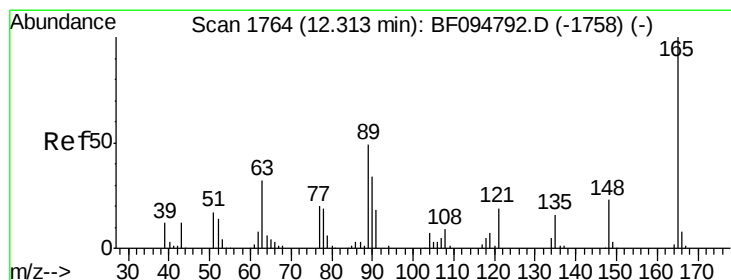
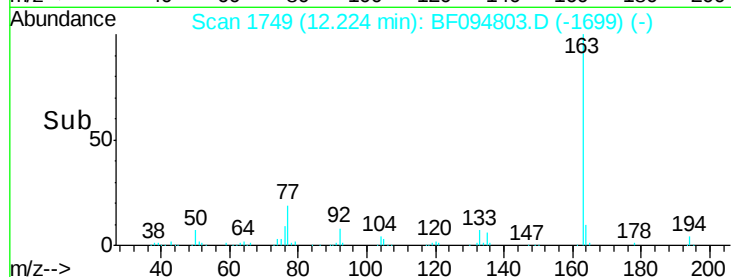
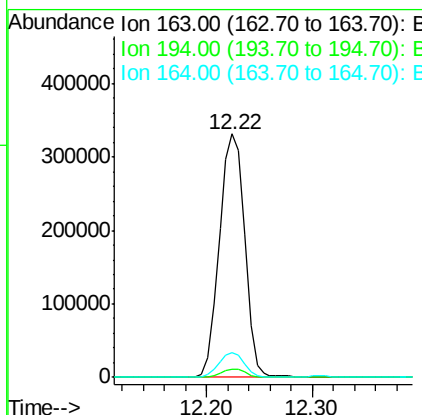
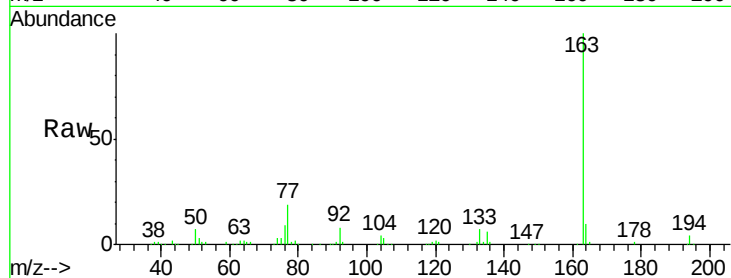
#49
Dimethylphthalate
Concen: 38.284 ng
RT: 12.22 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	554862		
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

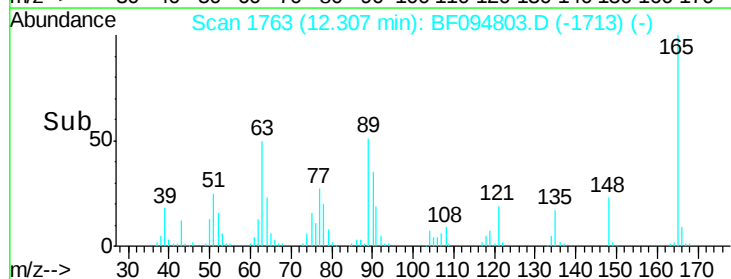
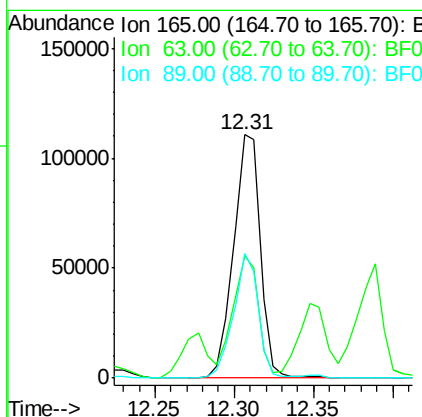
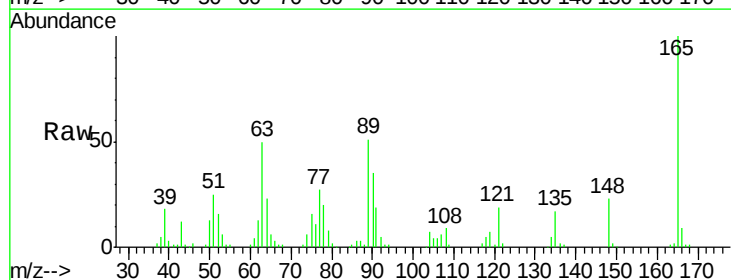
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 43.854 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129666		
63	50.0	34.3	51.5	
89	51.0	37.1	55.7	





#51

Acenaphthene

Concen: 40.874 ng

RT: 12.64 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

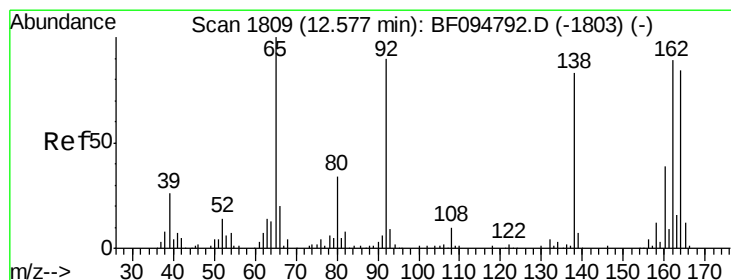
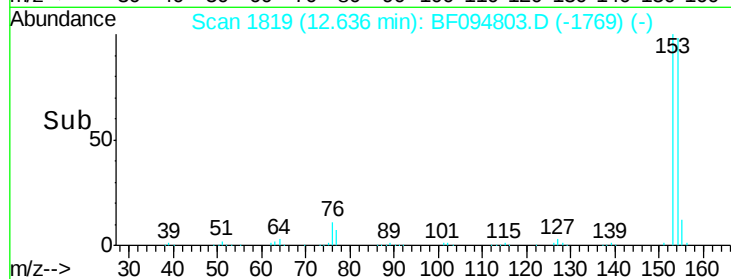
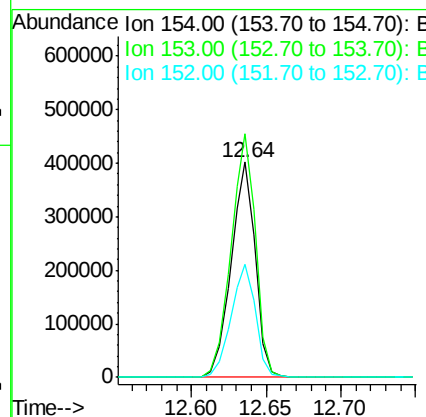
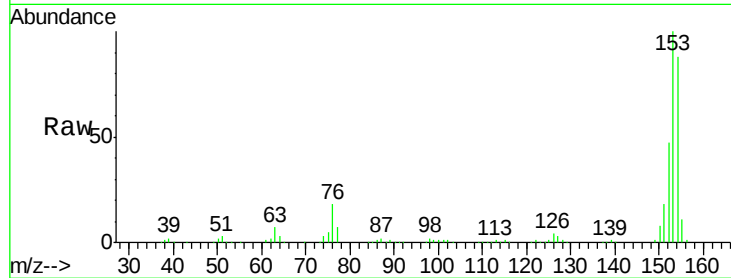
ClientSampleId :

PB98612BS

Tgt Ion:	154	Resp:	458949
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.5	135.7
152	52.7	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 16.875 ng

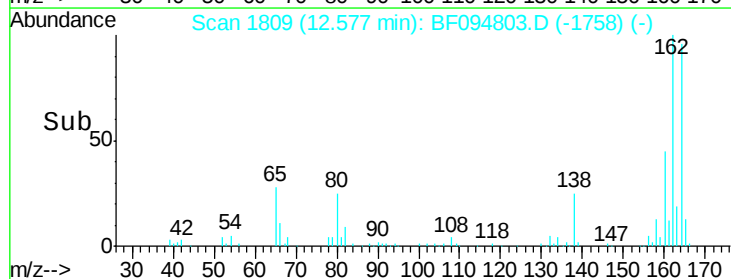
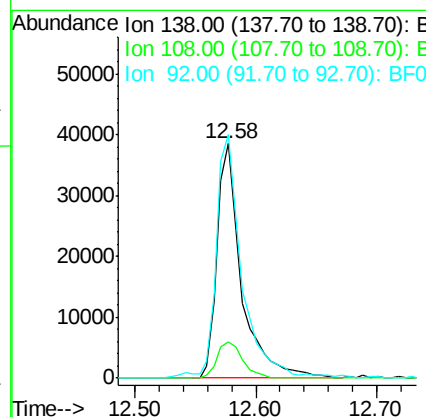
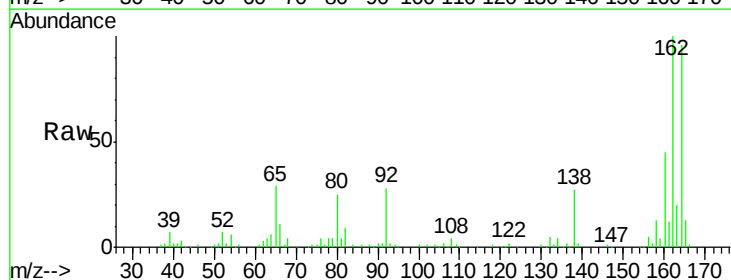
RT: 12.58 min Scan# 1809

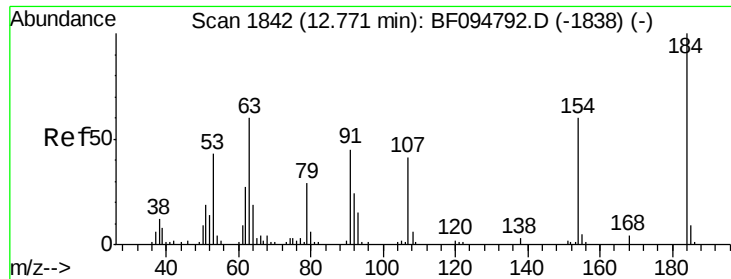
Delta R.T. -0.00 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Tgt Ion:	138	Resp:	53553
Ion Ratio	Lower	Upper	
138	100		
108	15.7	9.1	13.7#
92	103.9	93.8	140.6





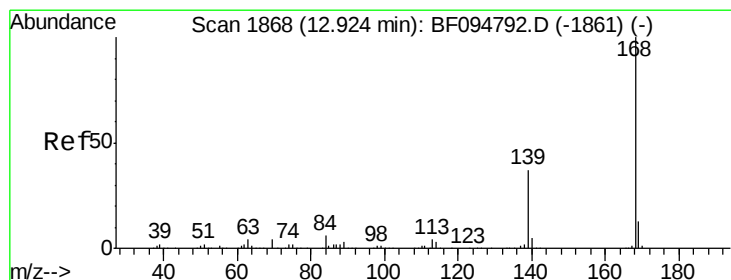
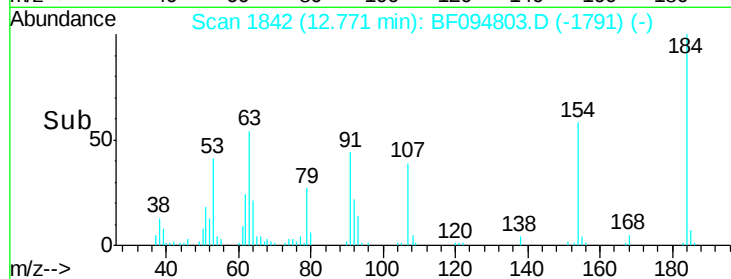
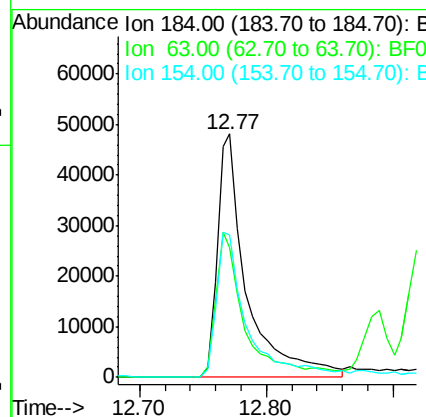
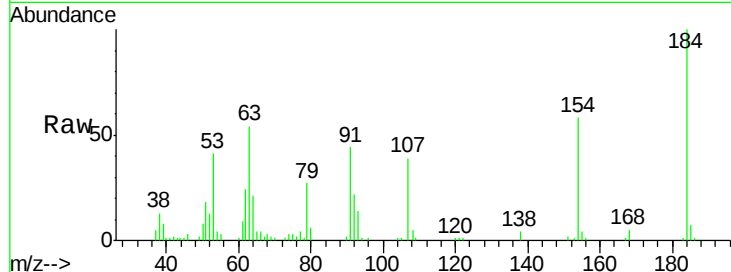
#53
2,4-Dinitrophenol
Concen: 50.391 ng
RT: 12.77 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion:184 Resp: 77980
Ion Ratio Lower Upper
184 100
63 53.5 62.7 94.1#
154 58.5 81.1 121.7#

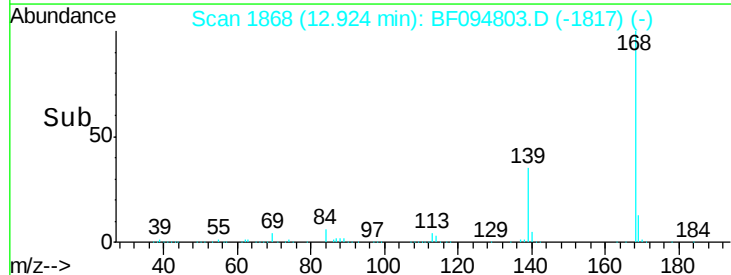
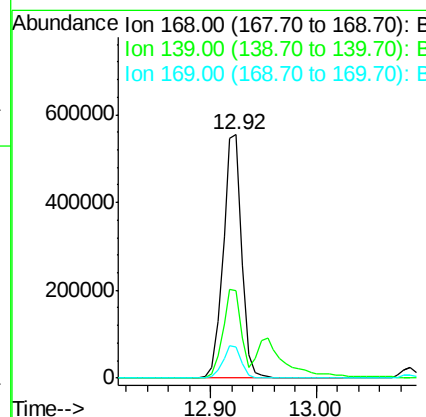
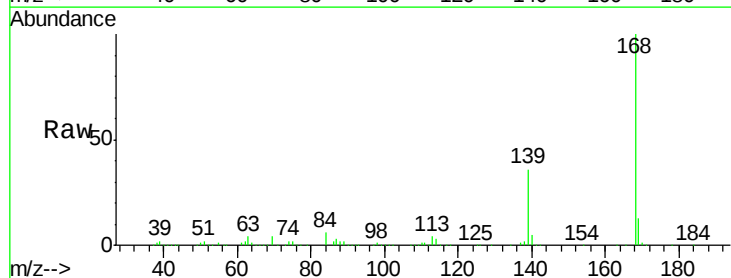
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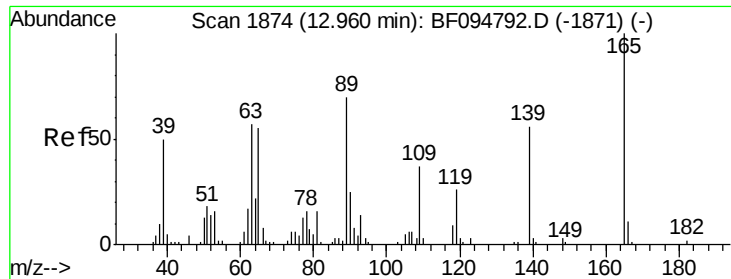
mohammad
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#54
Dibenzofuran
Concen: 43.710 ng
RT: 12.92 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion:168 Resp: 679172
Ion Ratio Lower Upper
168 100
139 35.7 30.6 45.8
169 12.9 10.8 16.2





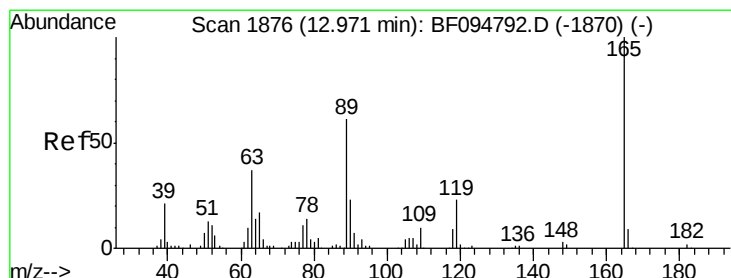
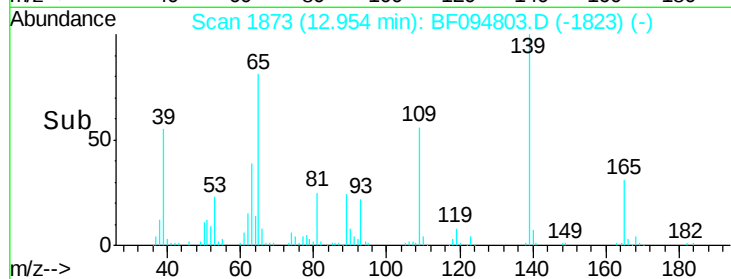
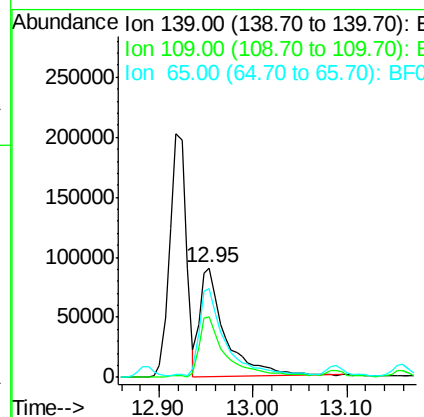
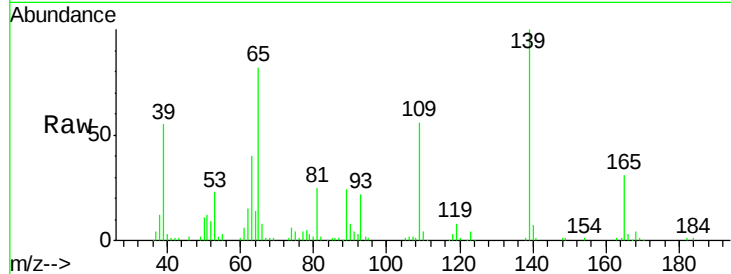
#55
4-Nitrophenol
Concen: 89.207 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	170036		
109	55.7	34.1	74.1	
65	81.8	31.4	71.4	

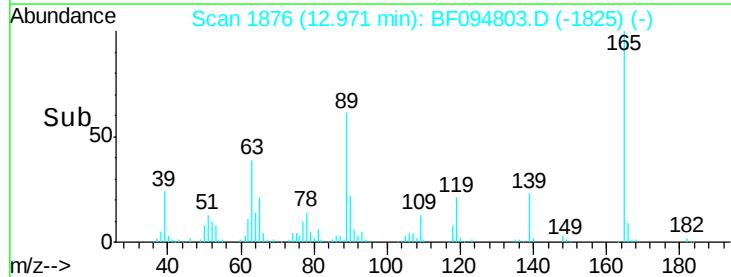
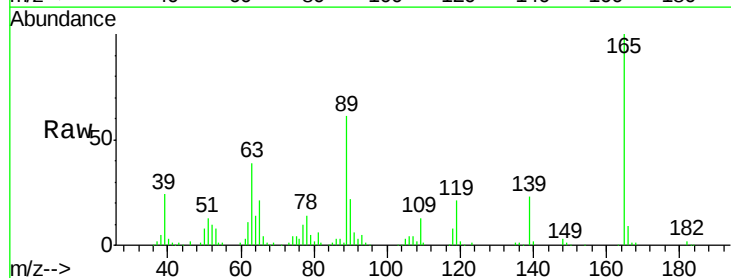
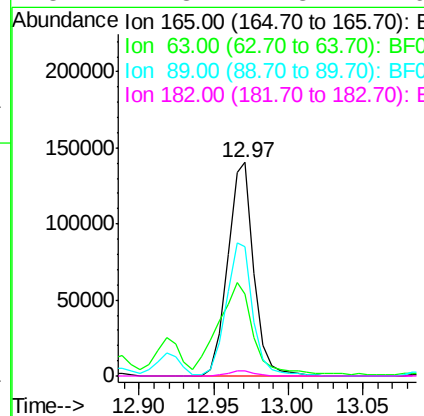
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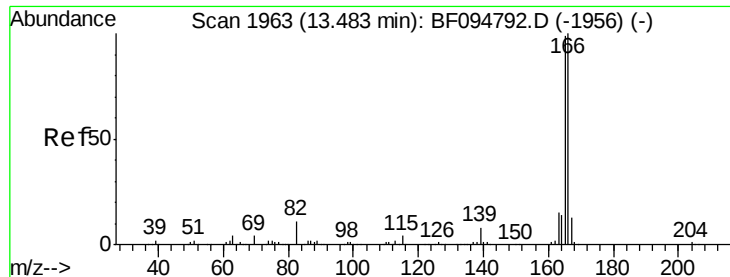
mohammad
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#56
2,4-Dinitrotoluene
Concen: 45.647 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173432		
63	38.6	25.4	38.0	
89	60.6	46.4	69.6	
182	2.3	1.8	2.6	





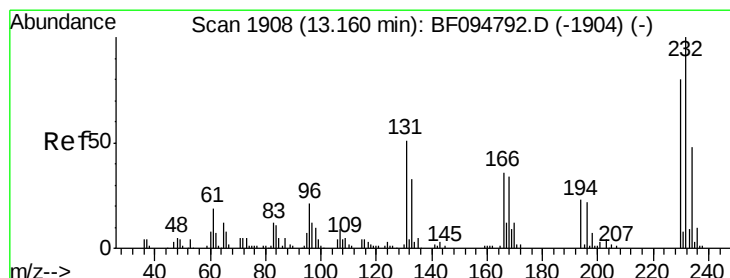
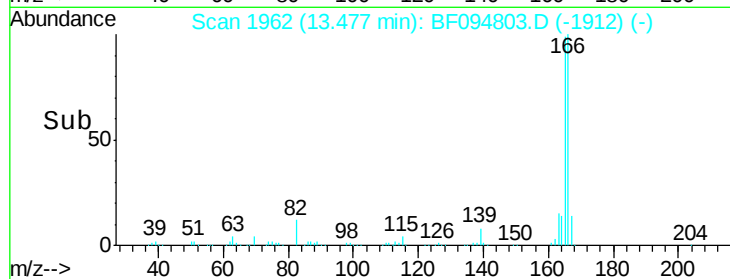
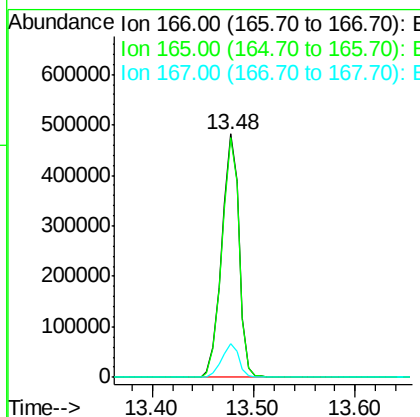
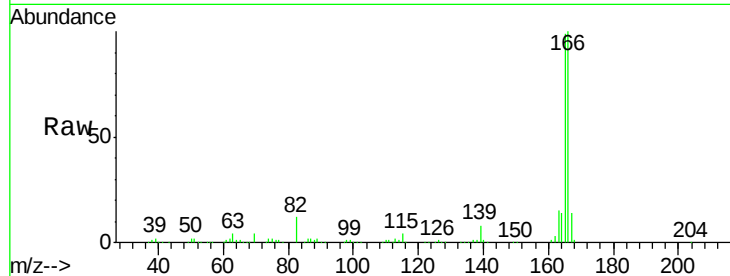
#57
 Fluorene
 Concen: 42.119 ng
 RT: 13.48 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	569068		
165	98.7	78.8	118.2	
167	13.9	10.6	16.0	

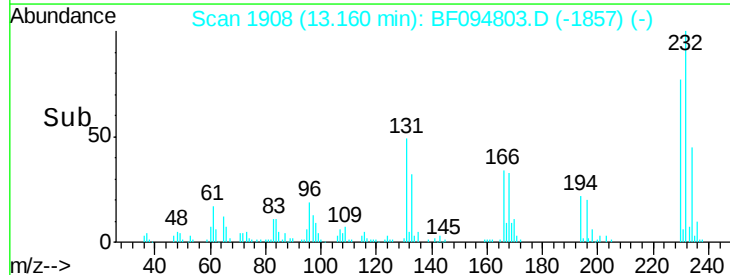
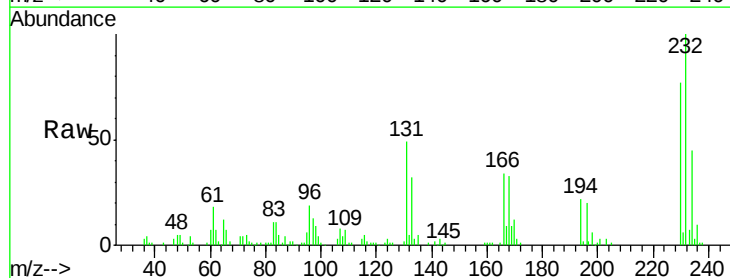
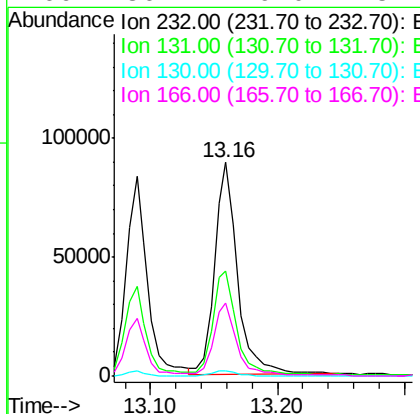
Manual Integrations
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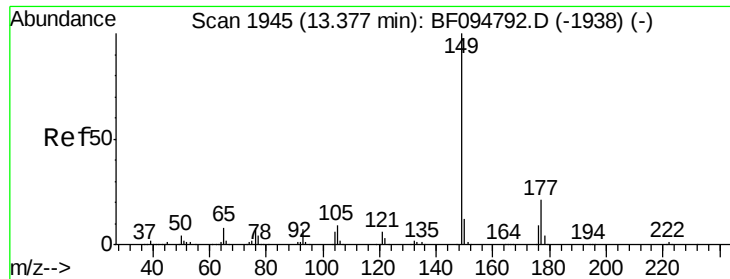
mohammad
 5/4/2017 1:44:10 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.506 ng
 RT: 13.16 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	114033		
131	50.6	44.8	67.2	
130	2.4	2.3	3.5	
166	36.2	29.0	43.4	





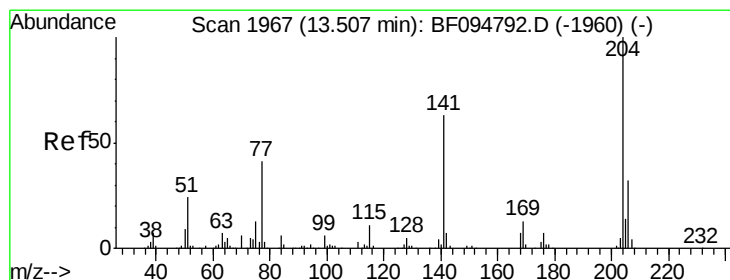
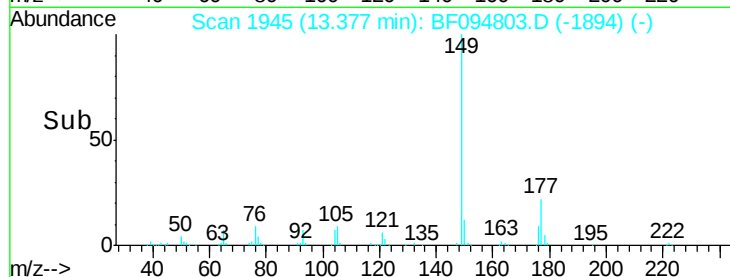
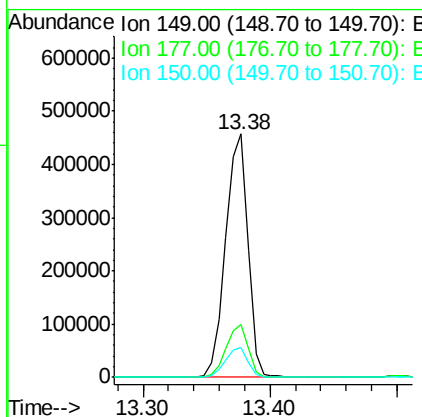
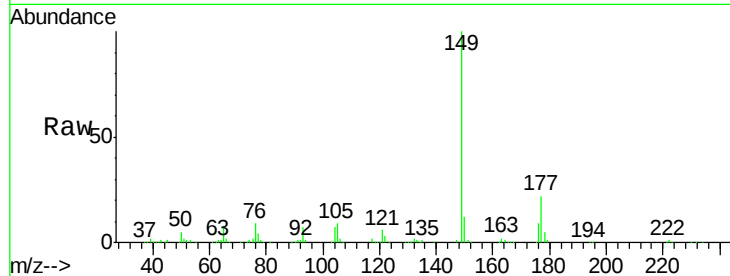
#59
Diethylphthalate
Concen: 39.974 ng
RT: 13.38 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	555303		
177	21.9	16.7	25.1	
150	12.1	10.2	15.2	

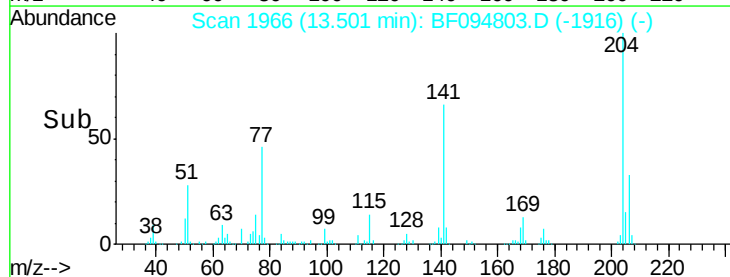
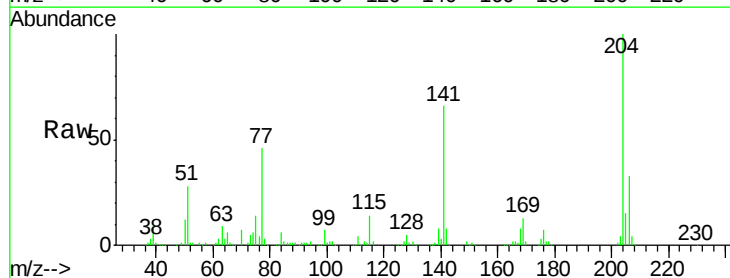
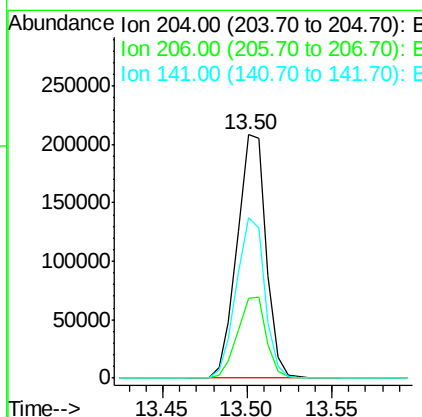
Manual Integrations
APPROVED

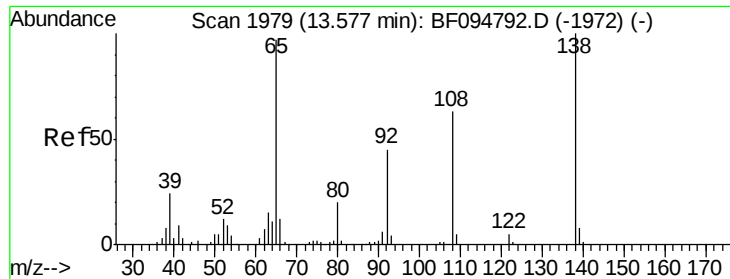
mohammad
5/4/2017 1:44:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.948 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	249084		
206	33.0	26.2	39.2	
141	66.1	60.8	91.2	





#61

4-Nitroaniline

Concen: 43.987 ng

RT: 13.57 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

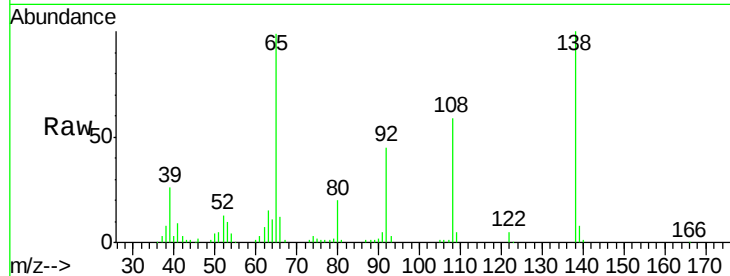
ClientSampleId :

PB98612BS

Tgt Ion:	138	Resp:	128151
Ion Ratio	Lower	Upper	
138	100		
92	45.1	21.8	61.8
108	59.2	42.3	82.3

Manual Integrations
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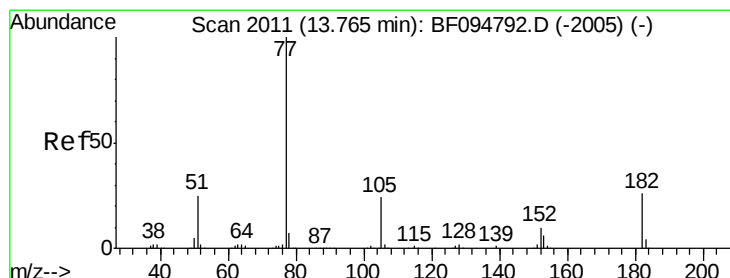
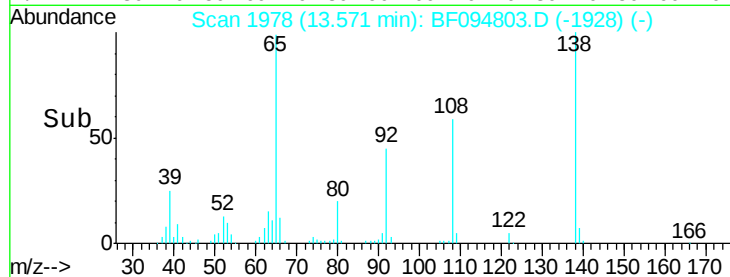
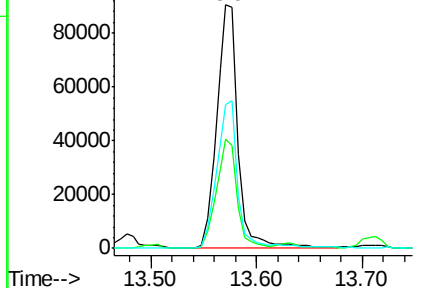
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.321 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

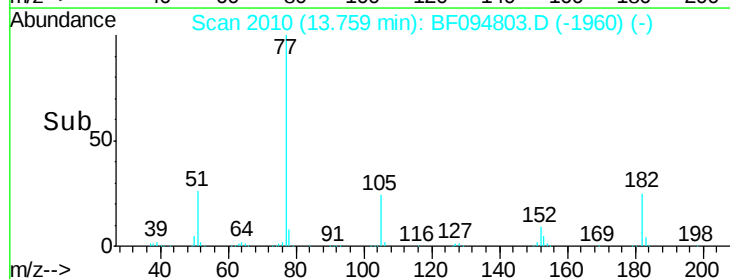
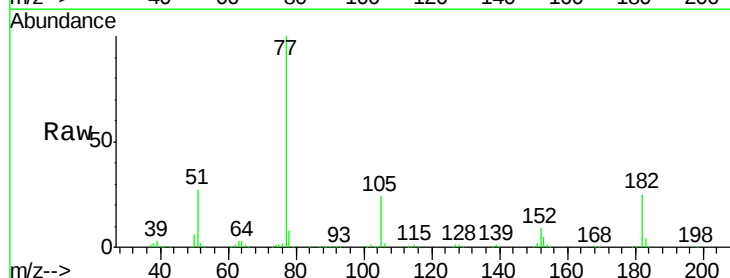
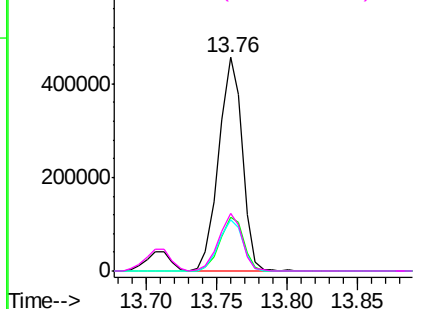
Tgt Ion:	77	Resp:	528229
Ion Ratio	Lower	Upper	
77	100		
182	25.3	0.1	40.1
105	23.9	3.6	43.6
51	26.9	9.4	49.4

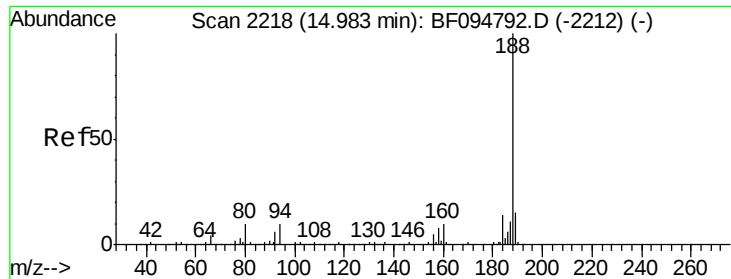
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





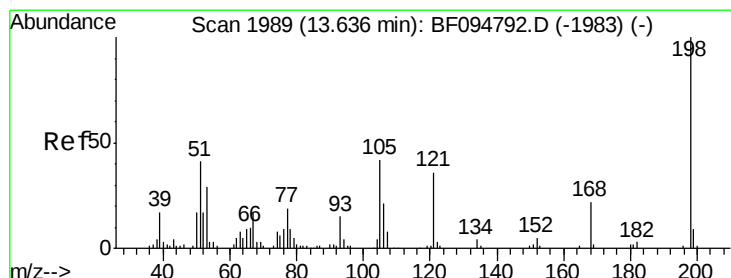
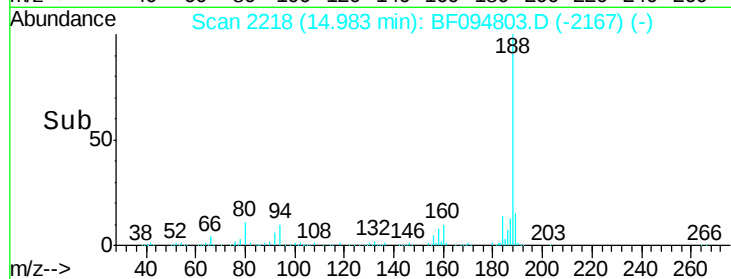
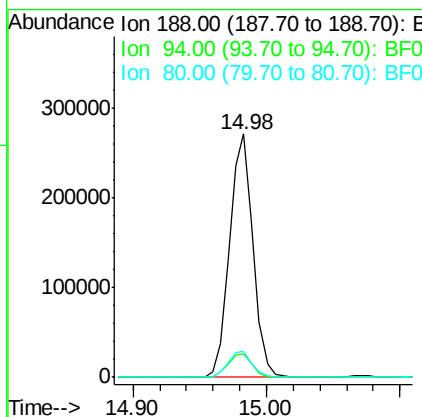
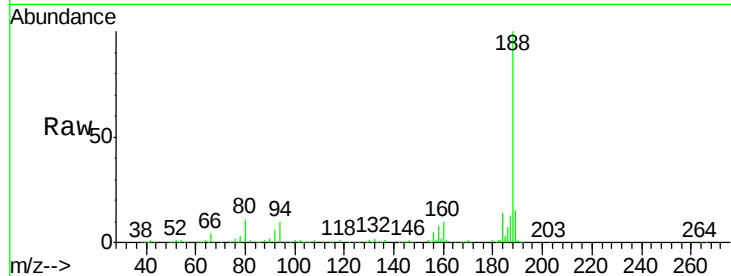
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	333239		
94	9.8		9.4	14.2
80	10.9		10.2	15.2

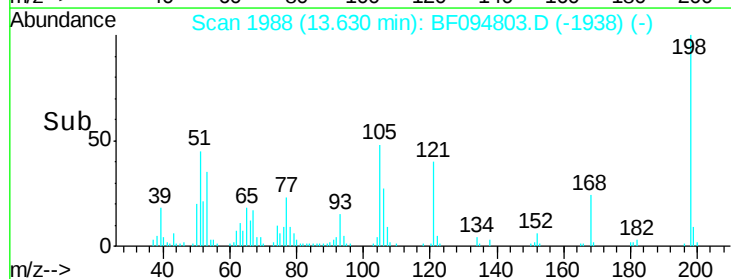
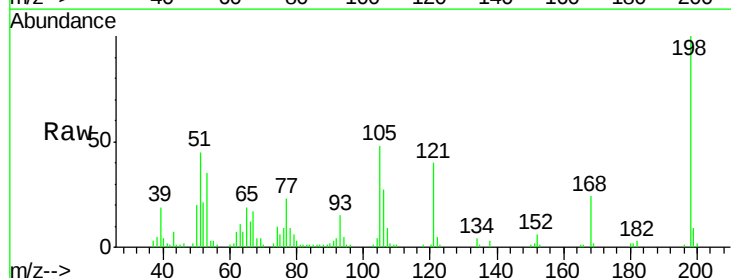
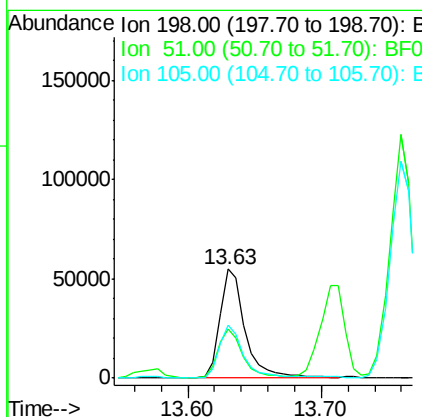
Manual Integrations
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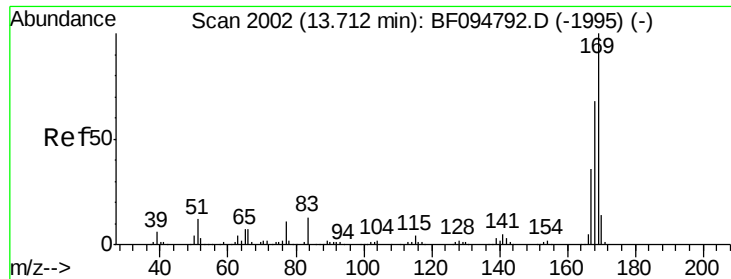
mohammad
5/4/2017 1:44:10 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 32.788 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	73247		
51	45.1		53.2	93.2#
105	48.3		45.8	85.8





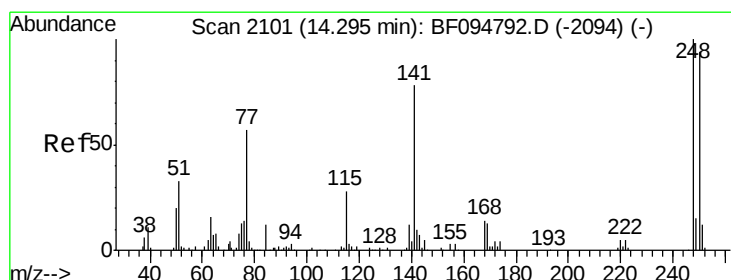
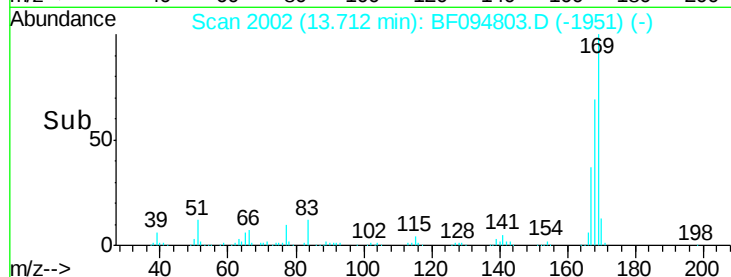
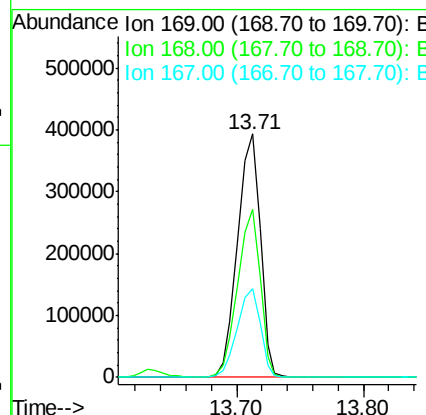
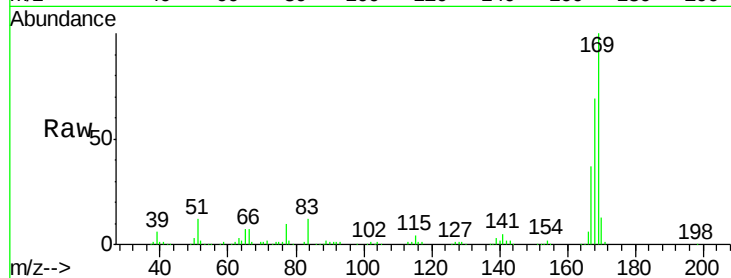
#65
 n-Nitrosodiphenylamine
 Concen: 40.360 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	488134		
168	69.0	53.2	79.8	
167	36.6	29.5	44.3	

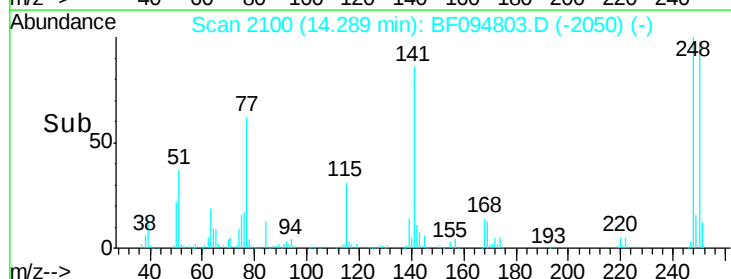
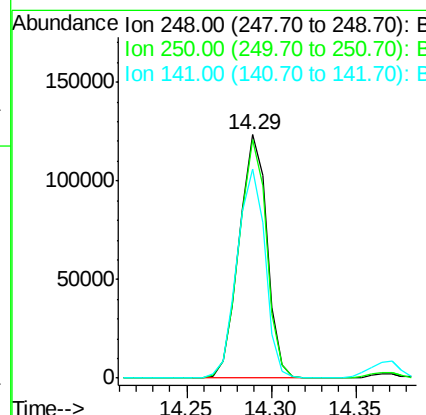
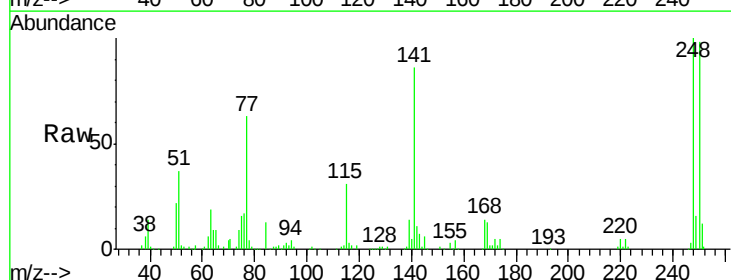
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#66
 4-Bromophenyl-phenylether
 Concen: 40.411 ng
 RT: 14.29 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	142274		
250	98.2	76.8	115.2	
141	86.0	68.6	103.0	





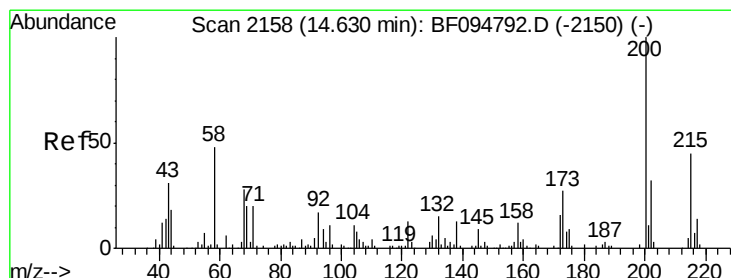
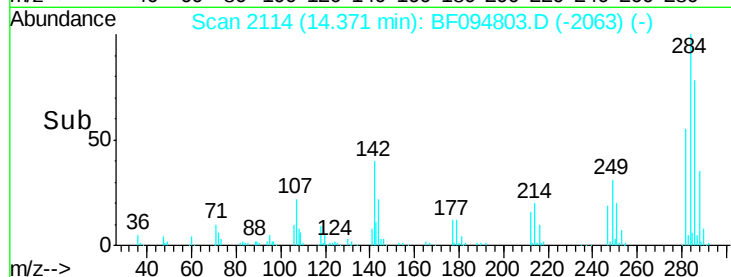
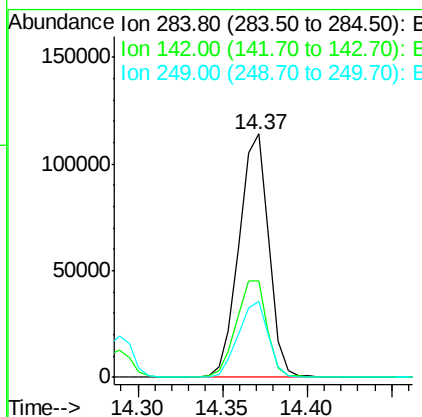
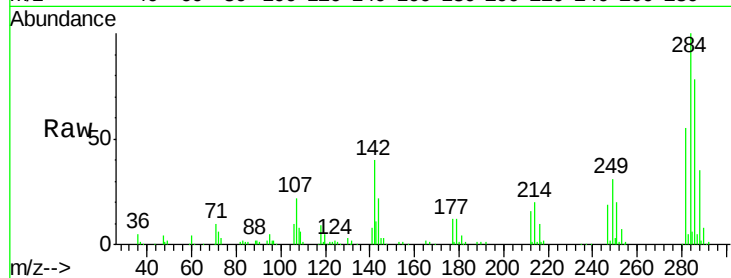
#67
Hexachlorobenzene
Concen: 39.016 ng
RT: 14.37 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	140772		
142	39.6	22.8	34.2#	
249	31.1	24.0	36.0	

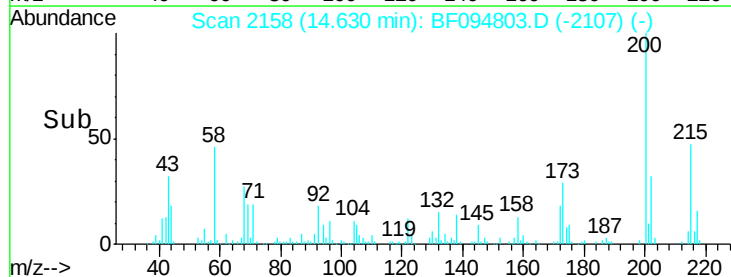
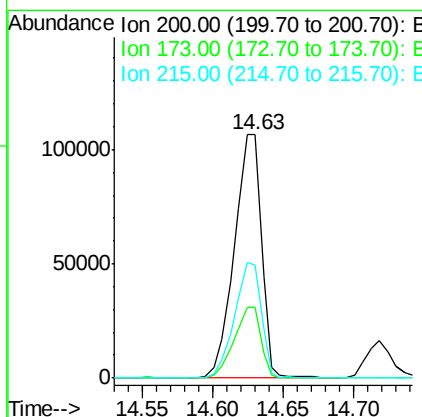
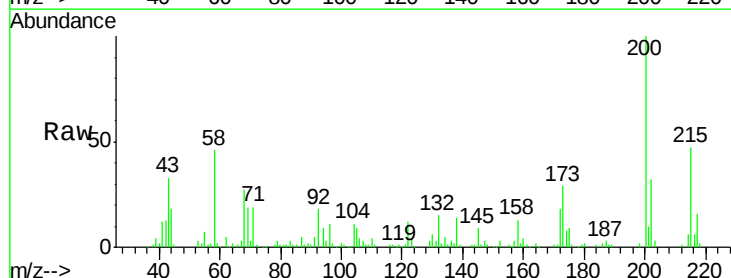
Manual Integrations
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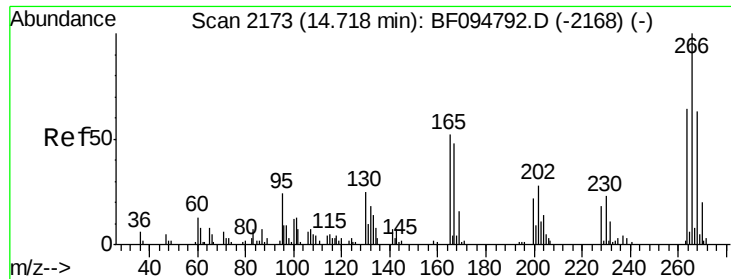
mohammad
5/4/2017 1:44:10 PM



#68
Atrazine
Concen: 41.883 ng
RT: 14.63 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	143022		
173	29.2	6.3	46.3	
215	46.6	27.2	67.2	





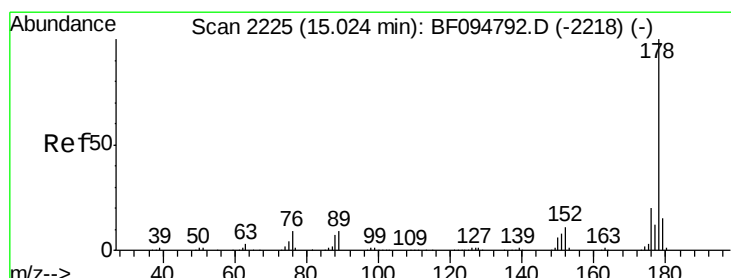
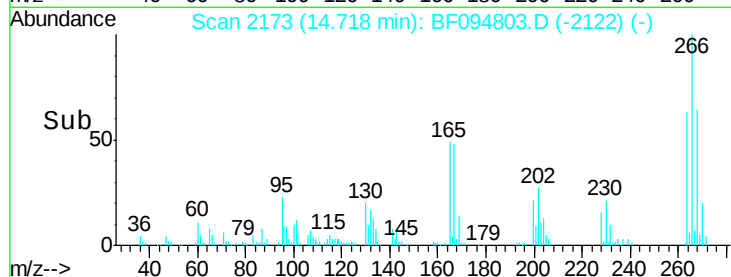
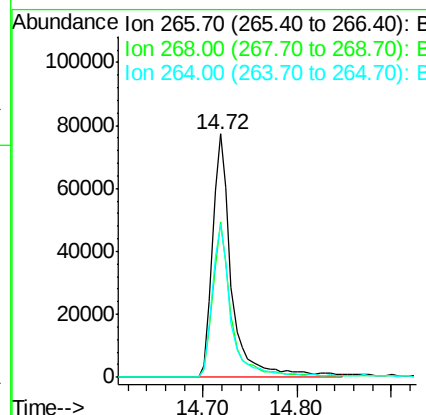
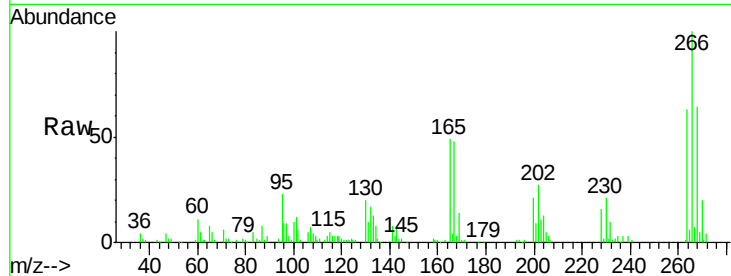
#69
 Pentachlorophenol
 Concen: 69.391 ng
 RT: 14.72 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	111834		
268	63.7	51.1	76.7	
264	63.0	51.7	77.5	

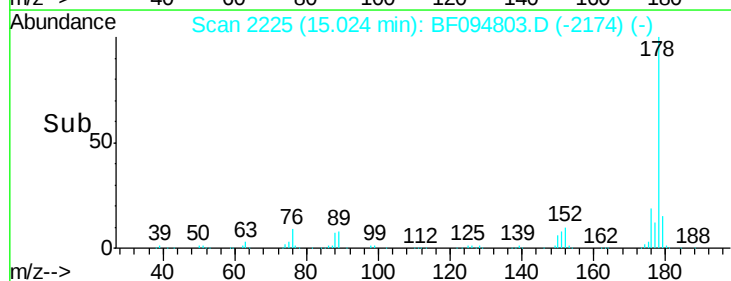
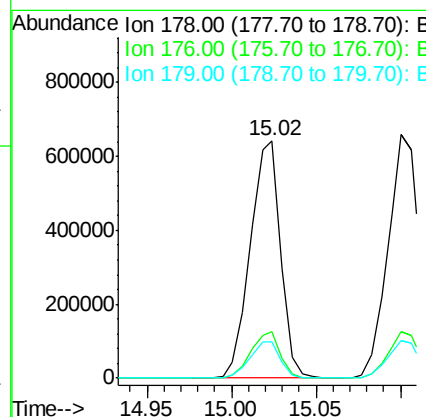
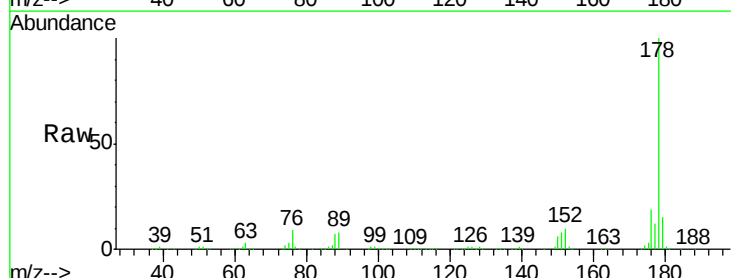
Manual Integrations
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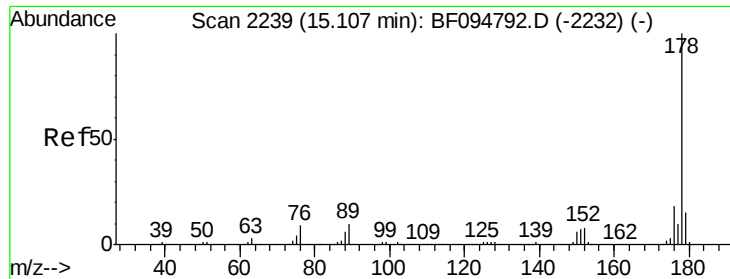
mohammad
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#70
 Phenanthrene
 Concen: 41.977 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	803724		
176	19.3	16.2	24.4	
179	15.3	12.6	19.0	





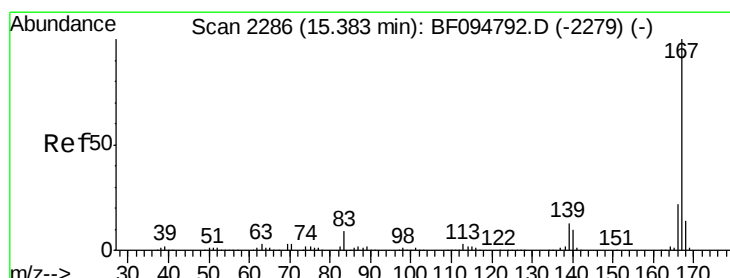
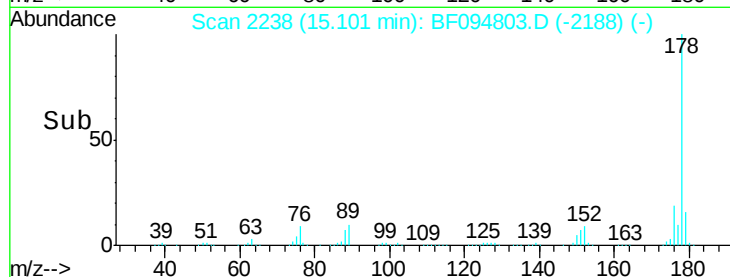
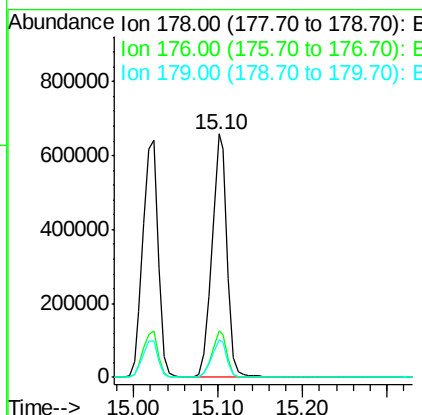
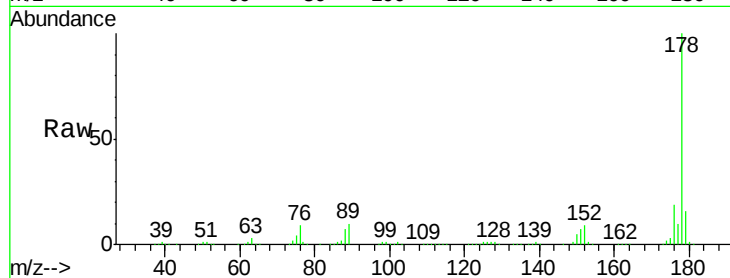
#71
 Anthracene
 Concen: 43.040 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	12.7	19.1

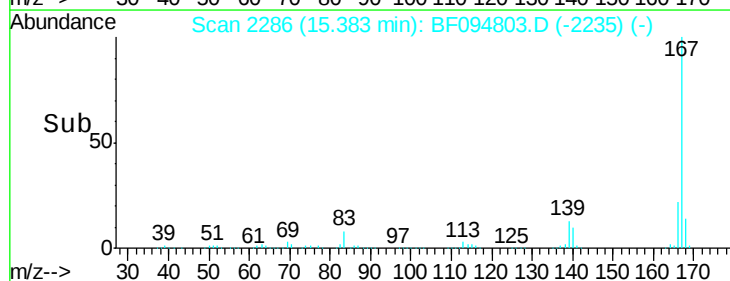
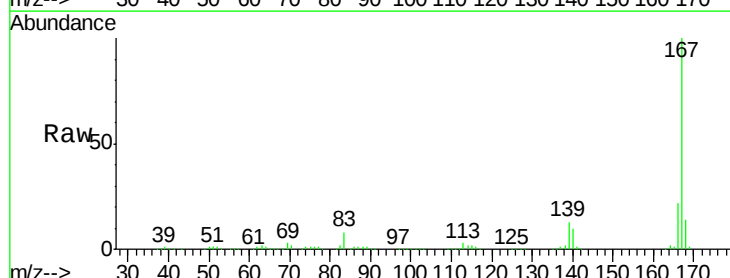
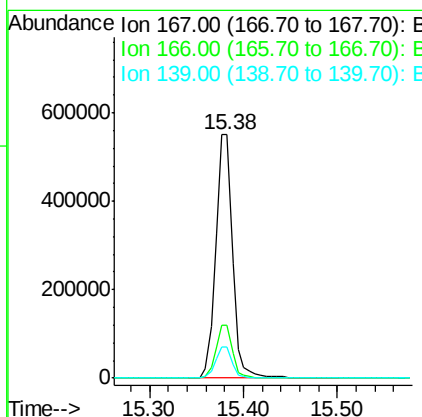
Manual Integrations
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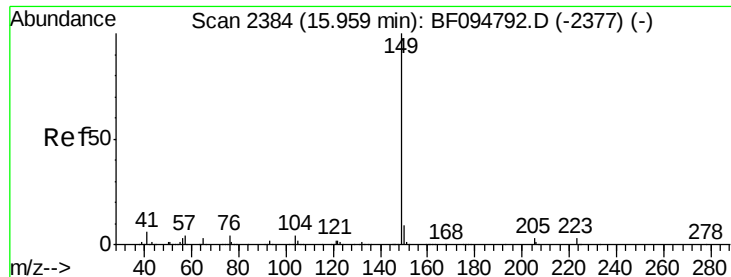
mohammad
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#72
 Carbazole
 Concen: 39.156 ng
 RT: 15.38 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt 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: 40.487 ng

RT: 15.95 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

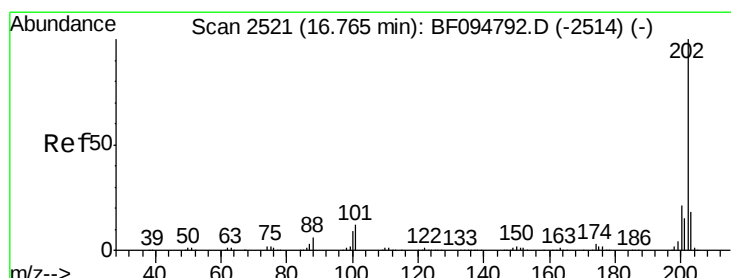
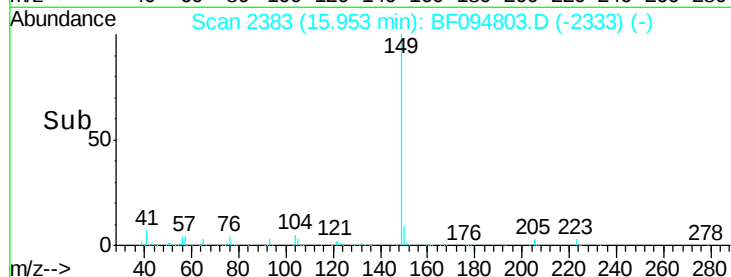
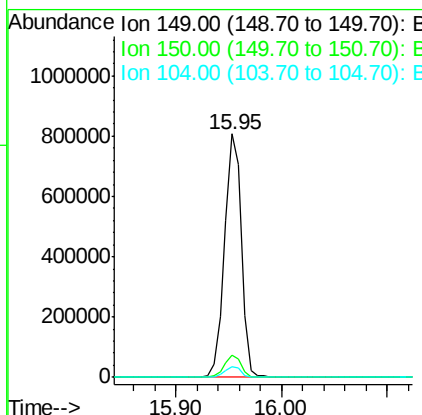
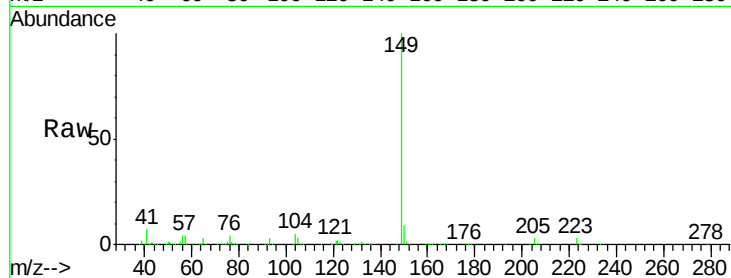
ClientSampleID :

PB98612BS

Tgt Ion:	149	Resp:	898483
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 42.413 ng

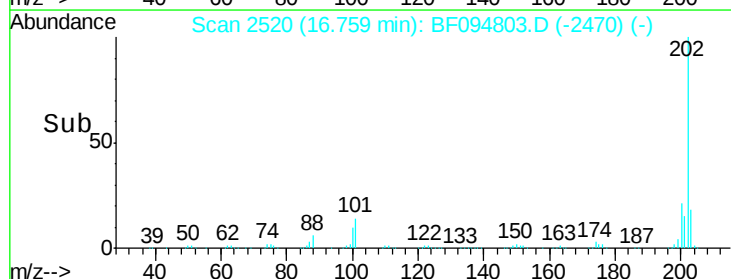
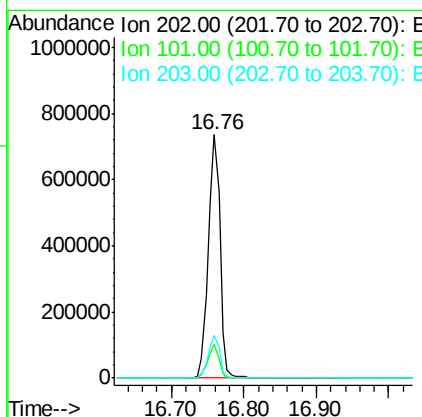
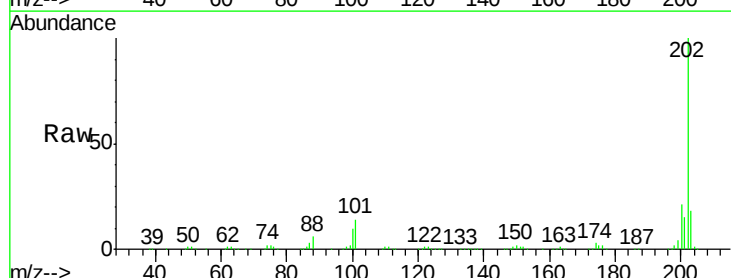
RT: 16.76 min Scan# 2520

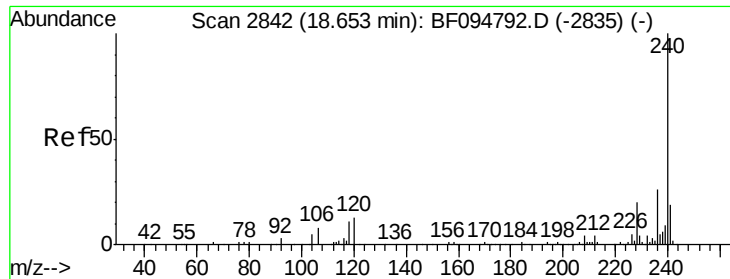
Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Tgt Ion:	202	Resp:	833020
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.2
203	17.6	0.0	38.1





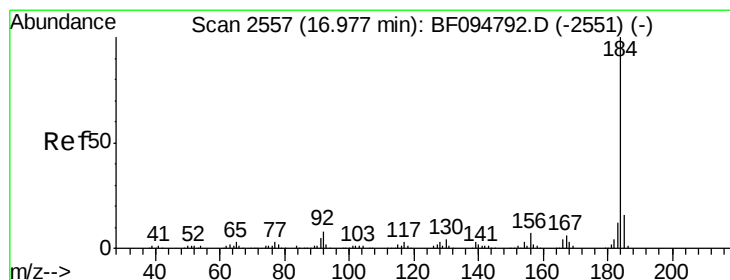
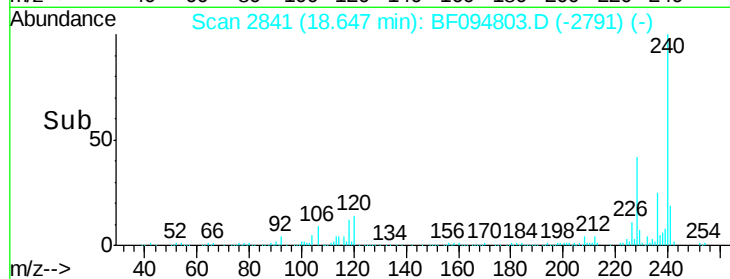
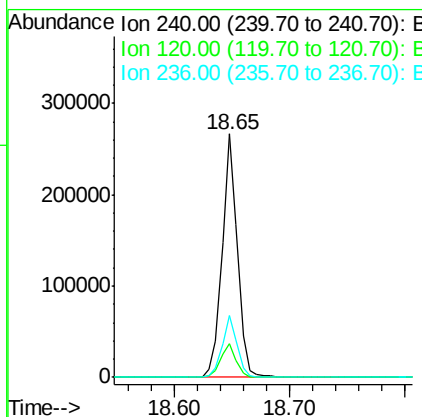
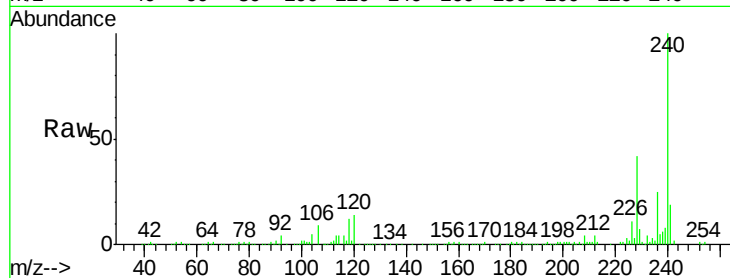
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	245151		
120	13.6	5.8	8.8#	
236	25.5	20.5	30.7	

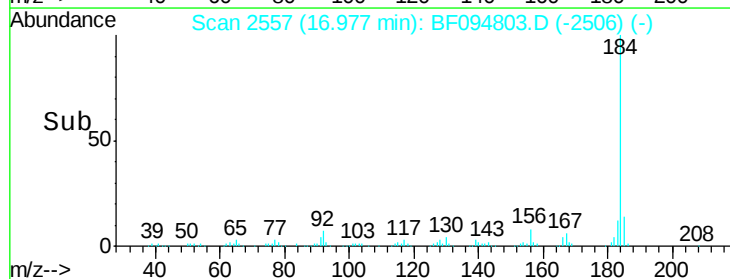
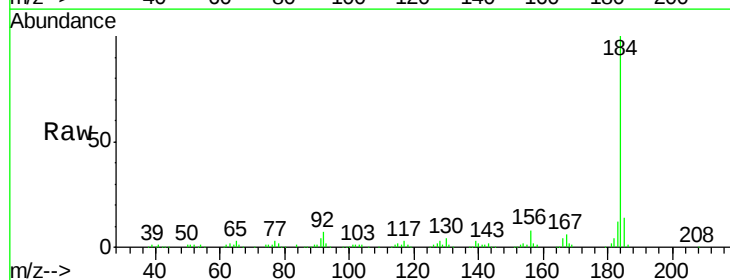
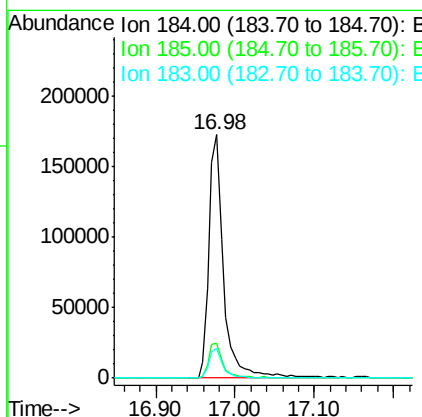
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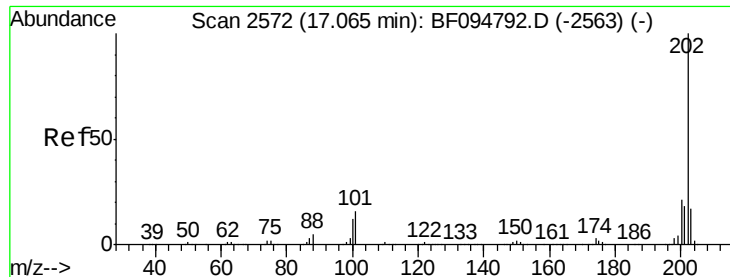
mohammad
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#76
Benzidine
Concen: 35.682 ng
RT: 16.98 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	223581		
185	14.3	15.5	23.3#	
183	12.4	9.8	14.6	





#77

Pyrene

Concen: 46.453 ng

RT: 17.06 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

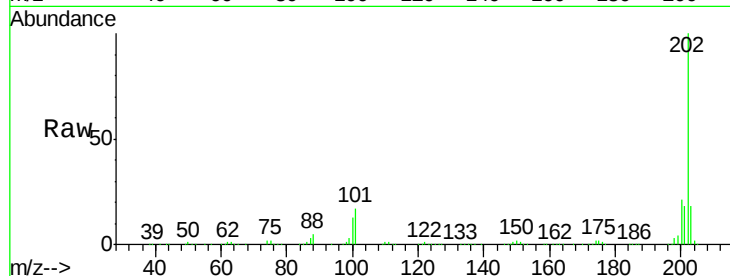
ClientSampleId :

PB98612BS

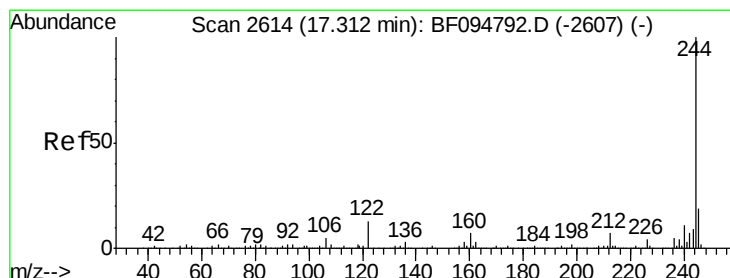
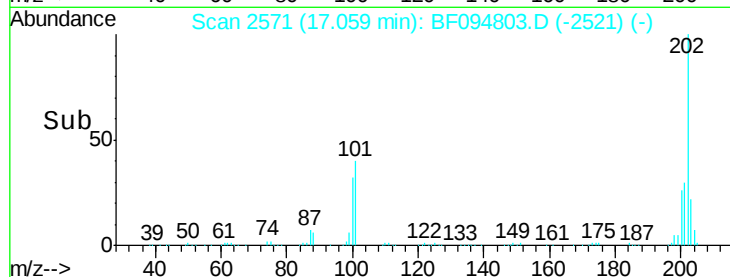
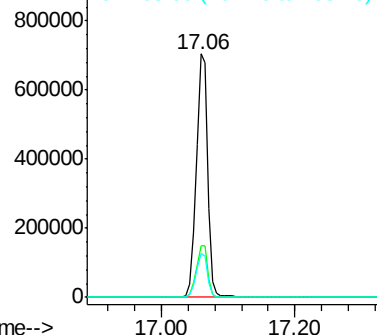
Tgt Ion:	202	Resp:	851697
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	17.8	14.4	21.6

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



#78

Terphenyl-d14

Concen: 80.742 ng

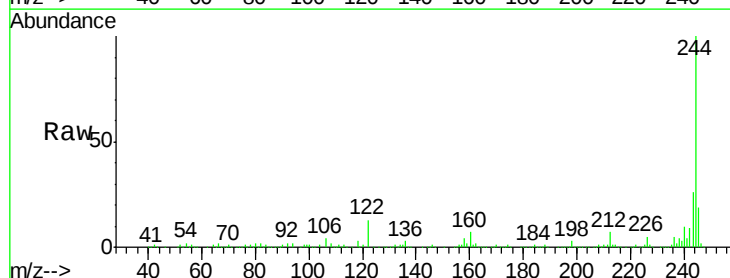
RT: 17.31 min Scan# 2614

Delta R.T. -0.00 min

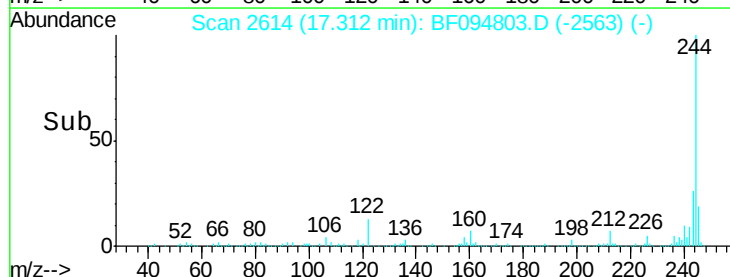
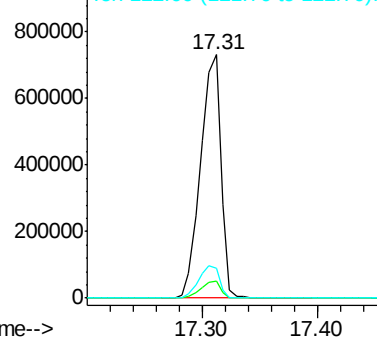
Lab File: BF094803.D

Acq: 2 May 2017 20:24

Tgt Ion:	244	Resp:	898684
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	12.5	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





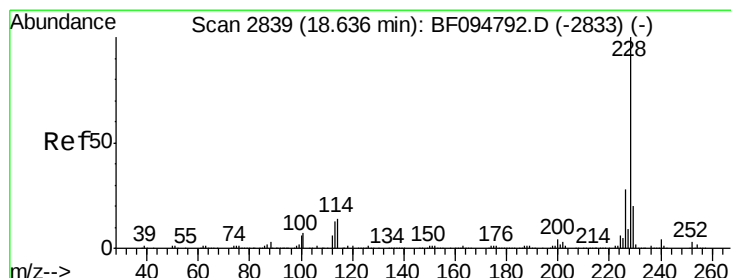
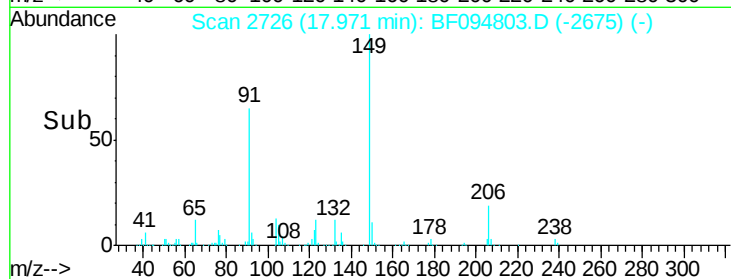
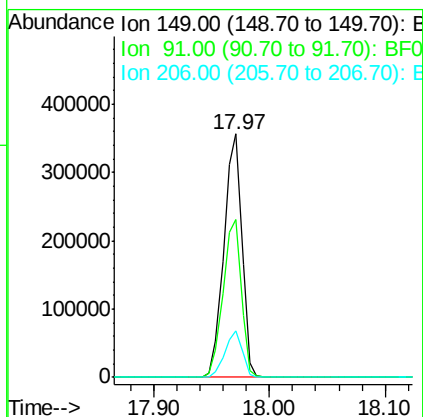
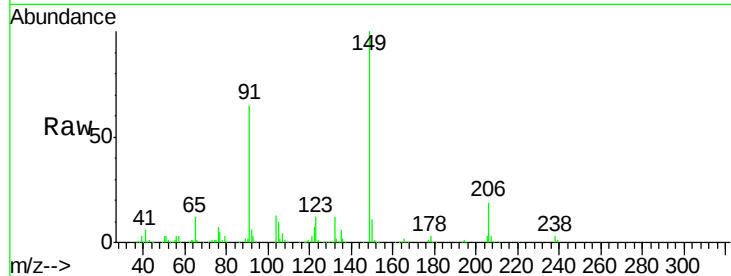
#79
Butylbenzylphthalate
Concen: 45.512 ng
RT: 17.97 min Scan# 2726
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	388127		
91	65.0	45.0	67.4	
206	19.2	17.0	25.6	

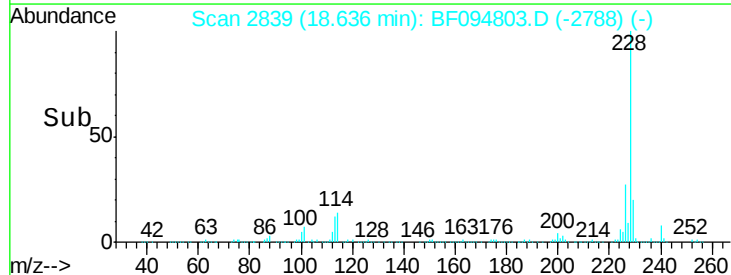
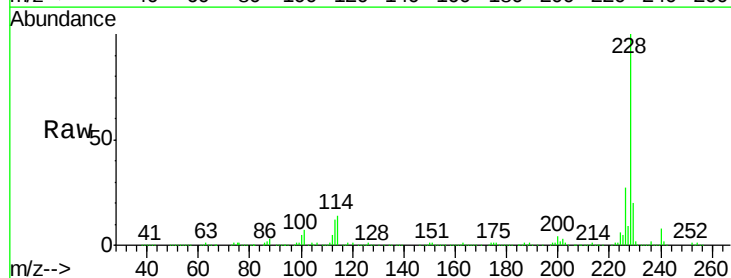
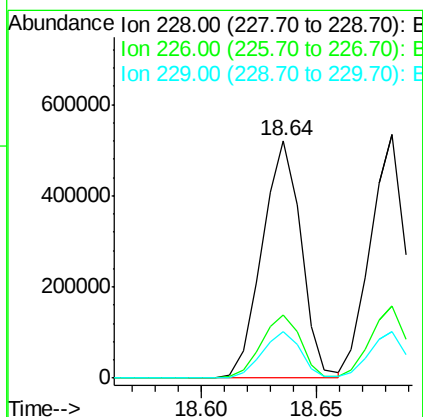
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#80
Benzo(a)anthracene
Concen: 42.845 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	611297		
226	26.6	22.6	33.8	
229	19.6	16.3	24.5	





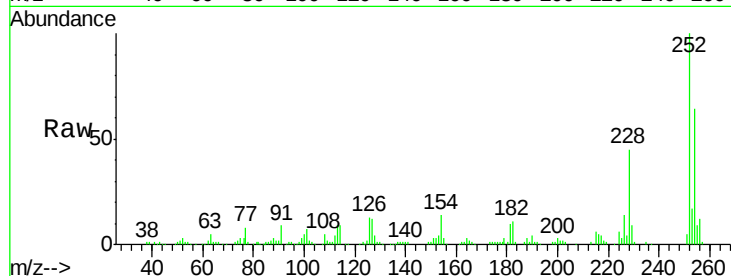
#81
 3,3'-Dichlorobenzidine
 Concen: 28.364 ng
 RT: 18.62 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

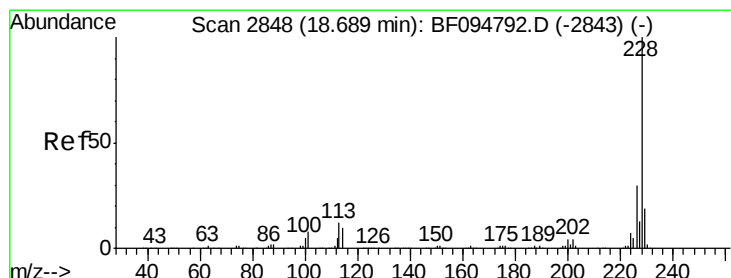
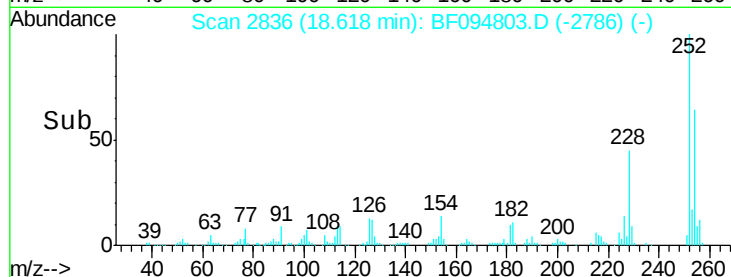
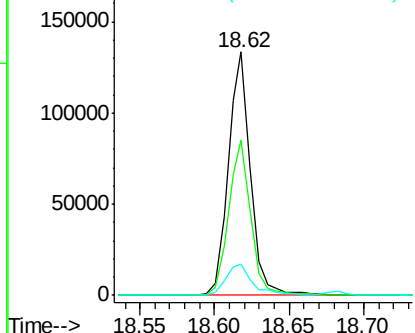
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	139770		
254	63.5	51.5	77.3	
126	12.6	15.8	23.8	

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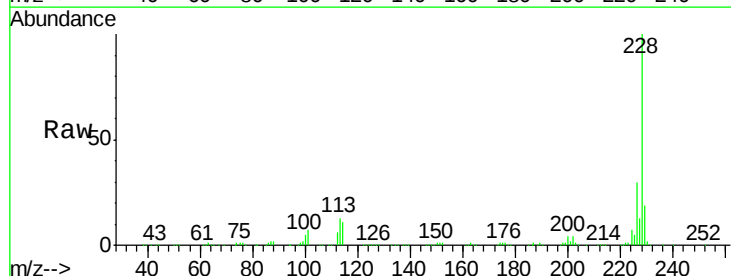


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

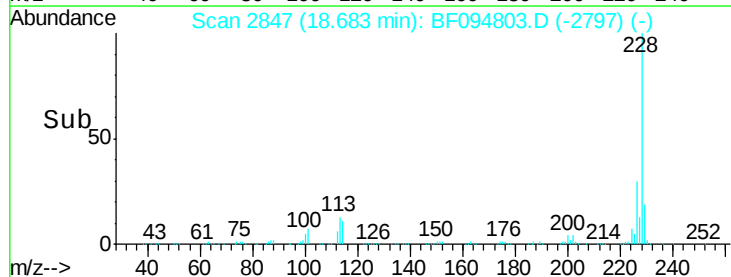
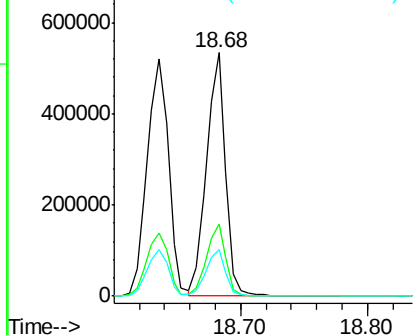


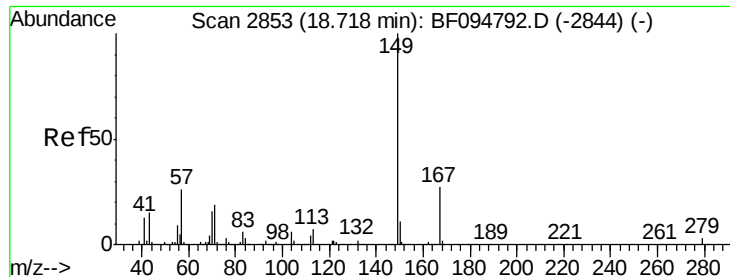
#82
 Chrysene
 Concen: 40.769 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	562445		
226	29.8	24.9	37.3	
229	19.3	15.8	23.6	



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.127 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB98612BS

Tgt Ion:149 Resp: 499728
Ion Ratio Lower Upper

149 100

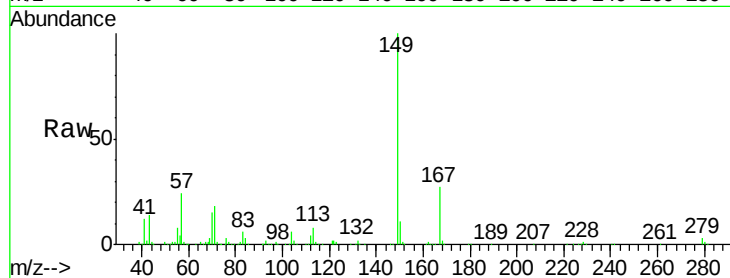
167 27.4 21.0 31.4

279 3.5 1.9 2.9#

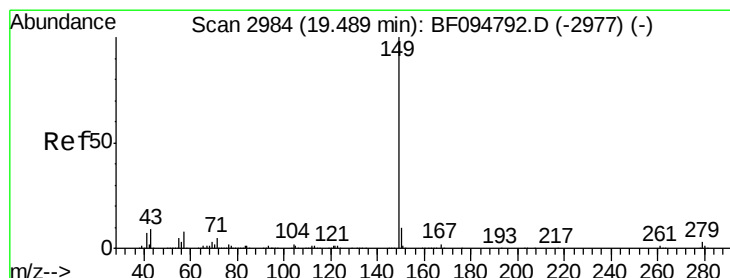
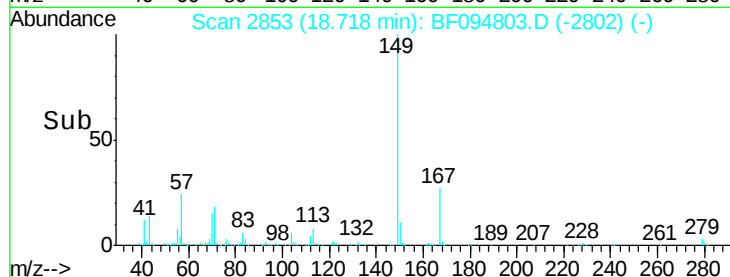
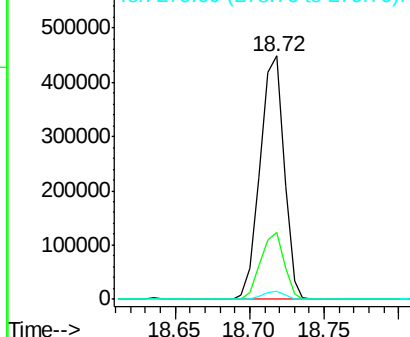
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.861 ng

RT: 19.48 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

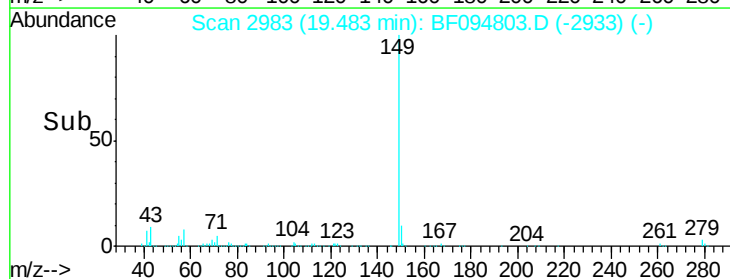
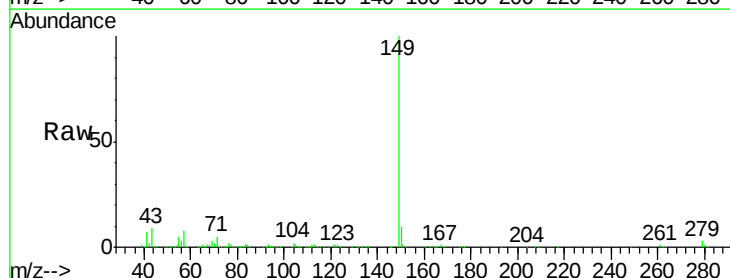
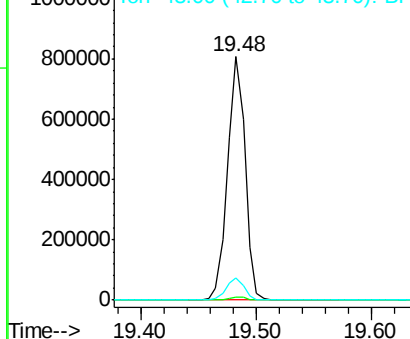
Tgt Ion:149 Resp: 853842
Ion Ratio Lower Upper

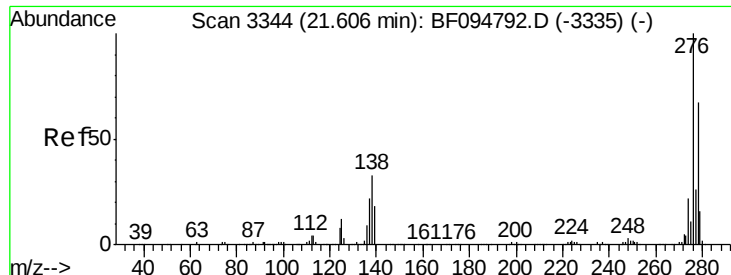
149 100

167 1.5 1.2 1.8

43 9.1 8.5 12.7

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





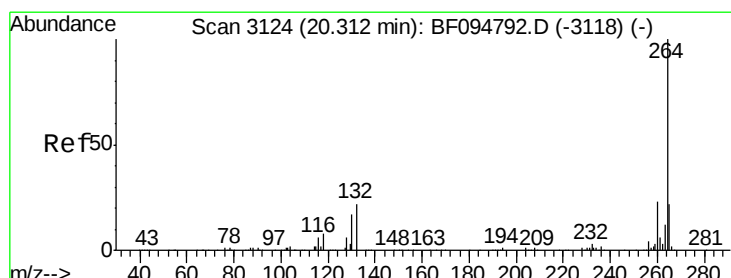
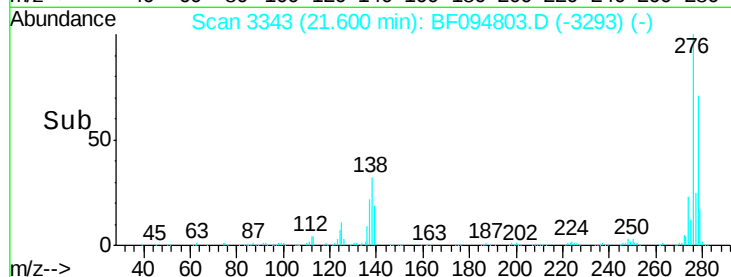
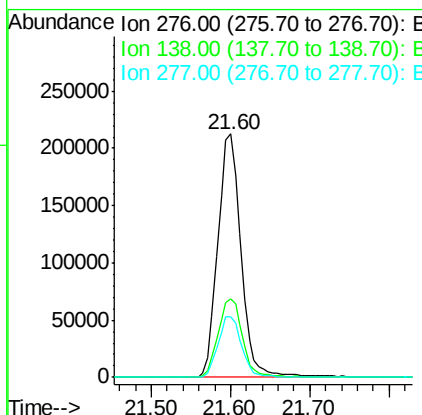
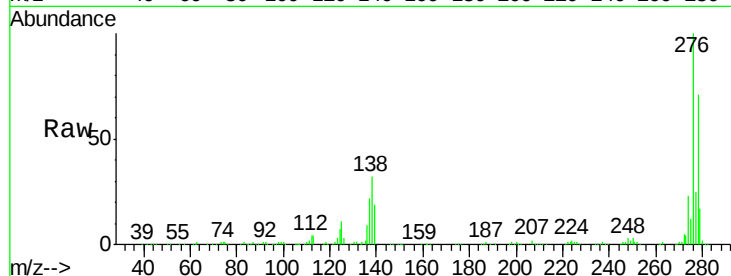
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.620 ng
 RT: 21.60 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	25.3	20.2	30.4

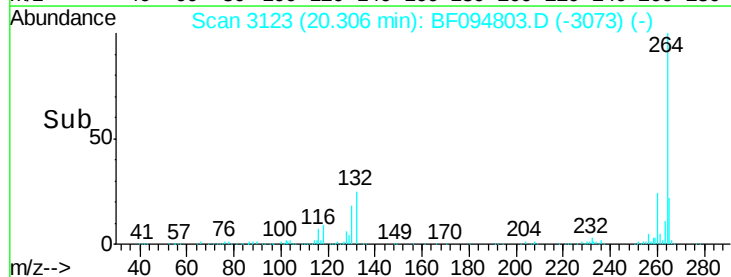
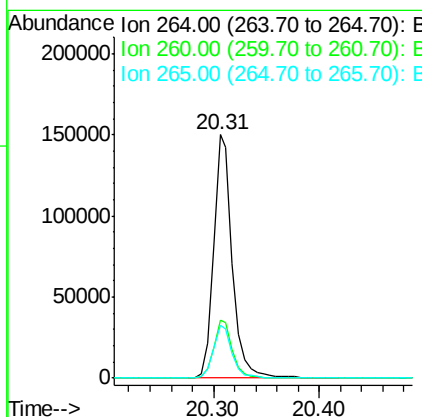
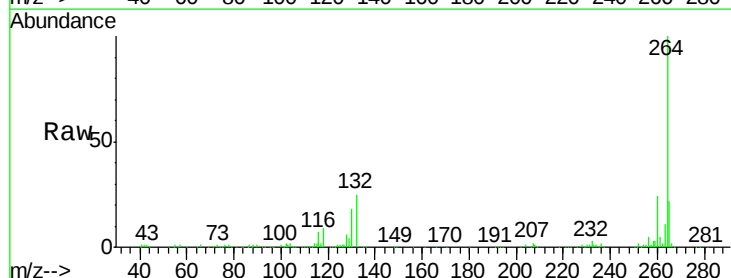
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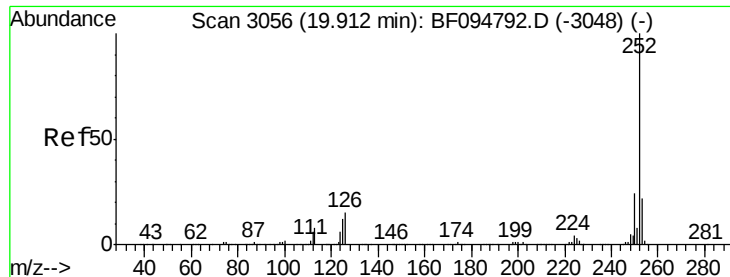
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.715 ng

RT: 19.91 min Scan# 3055

Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Instrument :

BNA_F

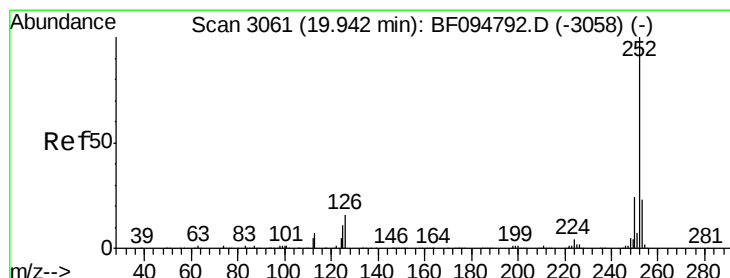
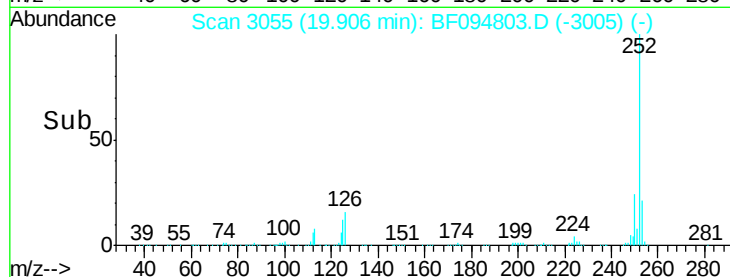
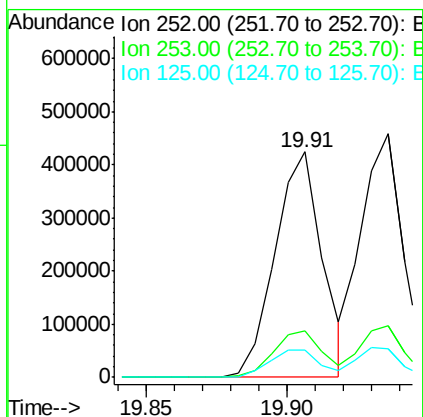
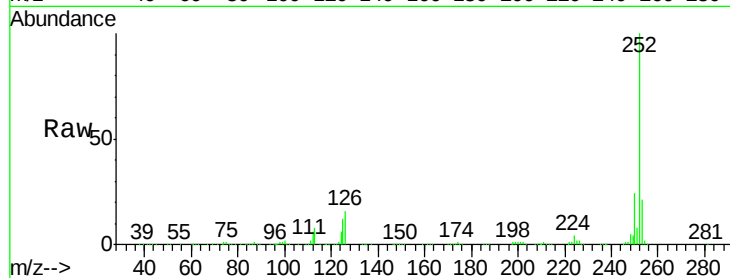
ClientSampleId :

PB98612BS

Tgt Ion:	252	Resp:	492301
Ion Ratio	Lower	Upper	
252	100		
253	20.9	18.1	27.1
125	12.0	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 43.850 ng

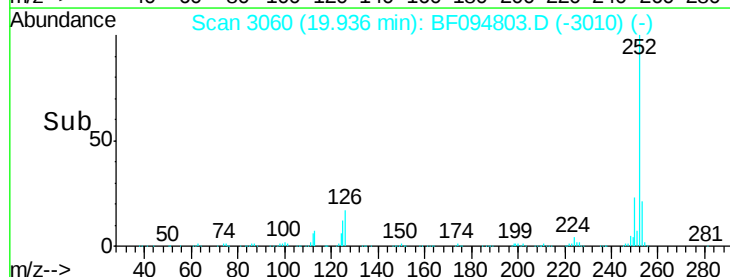
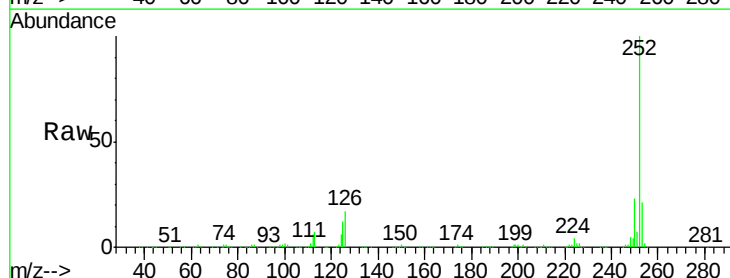
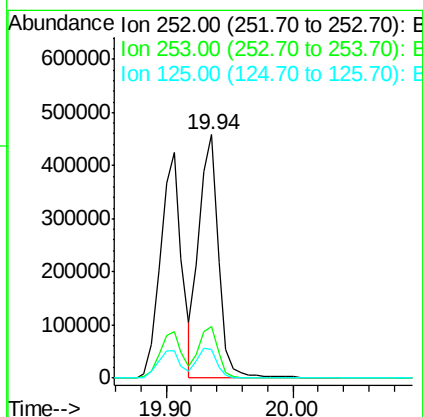
RT: 19.94 min Scan# 3060

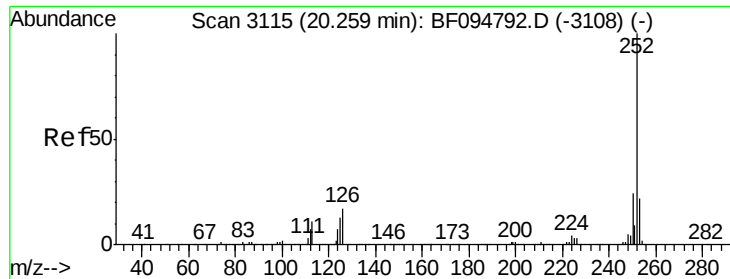
Delta R.T. -0.01 min

Lab File: BF094803.D

Acq: 2 May 2017 20:24

Tgt Ion:	252	Resp:	487490
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.4	27.6
125	11.9	13.1	19.7#





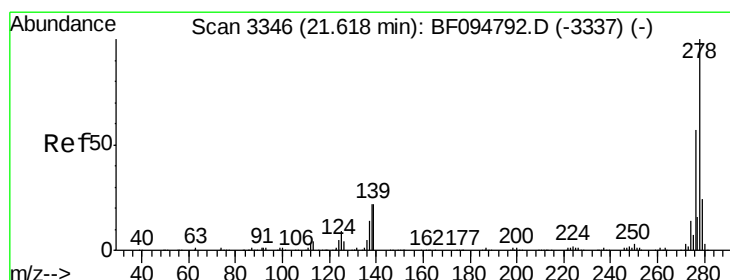
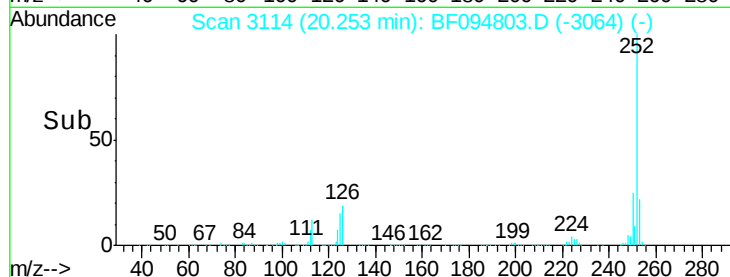
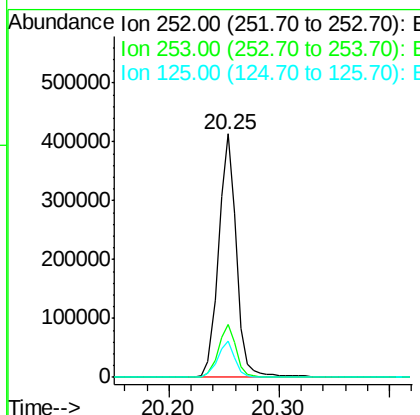
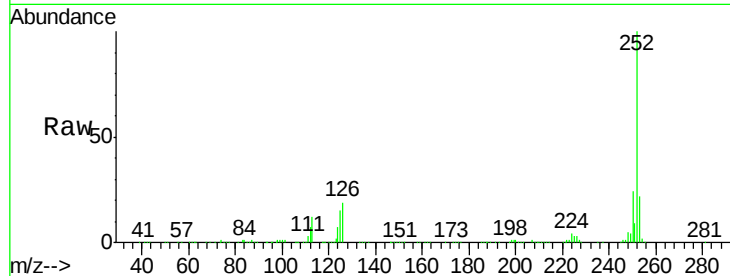
#89
Benzo(a)pyrene
Concen: 43.490 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.8	11.0	16.4

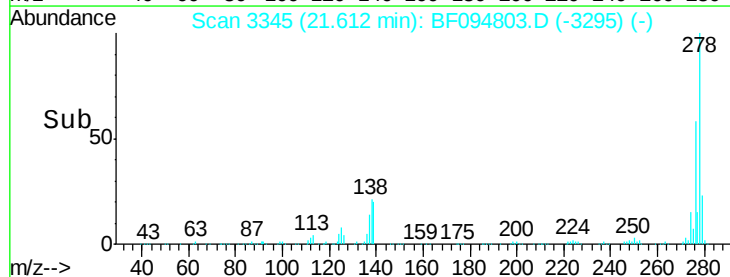
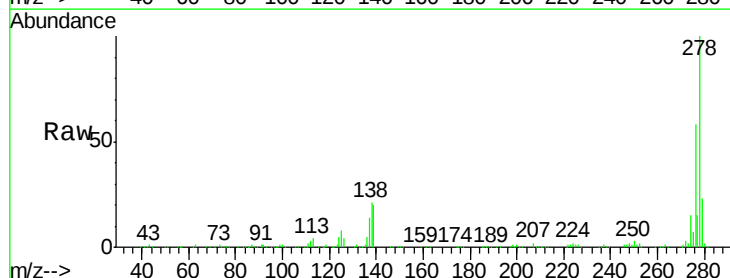
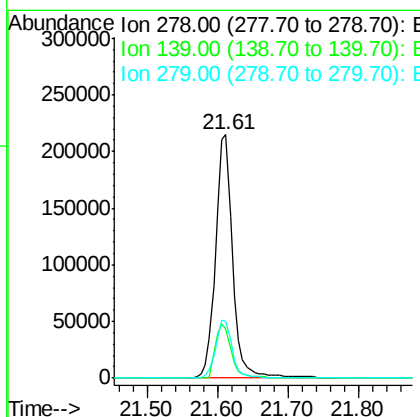
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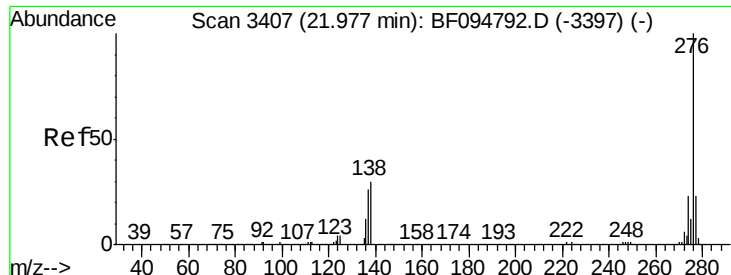
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#90
Dibenzo(a,h)anthracene
Concen: 41.294 ng
RT: 21.61 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BF094803.D
Acq: 2 May 2017 20:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.6	24.8
279	23.3	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 42.155 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094803.D
 Acq: 2 May 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB98612BS

Tgt Ion:	276	Resp:	363341
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.6	28.0
138	29.5	25.4	38.0

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