

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095212.D
 Acq On : 18 May 2017 7:35
 Operator : SJ/MA
 Sample : PB99041BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

Manual Integrations
 APPROVED

mohammad
 5/18/2017 2:30:04 PM

Quant Time: May 18 11:29:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	90053	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	331836	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	150872	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	222838	20.00	ng	0.04
75) Chrysene-d12	18.69	240	184583	20.00	ng	0.04
86) Perylene-d12	20.37	264	125273	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	764615	141.56	ng	0.08
7) Phenol-d6	7.32	99	852594	131.56	ng	0.05
23) Nitrobenzene-d5	8.68	82	523286	99.44	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	153841	124.51	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	992469	94.68	ng	0.03
78) Terphenyl-d14	17.34	244	690361	82.38	ng	0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	88659	33.47	ng	95
3) Pyridine	3.01	79	235506m	38.36	ng	
4) n-Nitrosodimethylamine	2.94	42	88973m	34.77	ng	
6) Aniline	7.28	93	246110	30.08	ng	95
8) 2-Chlorophenol	7.47	128	269382	43.82	ng	94
9) Benzaldehyde	7.11	77	77342	19.54	ng	100
10) Phenol	7.34	94	276694	40.52	ng	88
11) bis(2-Chloroethyl)ether	7.41	93	237007	42.04	ng	96
12) 1,3-Dichlorobenzene	7.68	146	292991	42.01	ng	97
13) 1,4-Dichlorobenzene	7.80	146	306325	43.31	ng	98
14) 1,2-Dichlorobenzene	8.04	146	292930	44.37	ng	96
15) Benzyl Alcohol	8.06	79	211109	50.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	326968	40.97	ng	69
17) 2-Methylphenol	8.27	107	224903	44.70	ng	# 88
18) Hexachloroethane	8.55	117	88087	36.77	ng	# 86
19) n-Nitroso-di-n-propylamine	8.48	70	192242	43.86	ng	93
20) 3+4-Methylphenols	8.53	107	295107	43.16	ng	# 57
22) Acetophenone	8.45	105	384231	48.26	ng	# 83
24) Nitrobenzene	8.71	77	258807	46.92	ng	92
25) Isophorone	9.11	82	471132	50.14	ng	95
26) 2-Nitrophenol	9.21	139	131211	44.08	ng	97
27) 2,4-Dimethylphenol	9.34	122	239762	49.82	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	297770	45.81	ng	100
29) 2,4-Dichlorophenol	9.63	162	211559	46.56	ng	96
30) 1,2,4-Trichlorobenzene	9.71	180	212905	43.74	ng	99
31) Naphthalene	9.82	128	711912	42.69	ng	100
32) Benzoic acid	9.65	122	84942	29.12	ng	88
33) 4-Chloroaniline	9.99	127	67165	10.81	ng	94
34) Hexachlorobutadiene	10.04	225	115168	44.84	ng	97
35) Caprolactam	10.58	113	66448m	48.70	ng	
36) 4-Chloro-3-methylphenol	10.82	107	222596	45.82	ng	90
37) 2-Methylnaphthalene	10.95	142	525313	47.99	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	203377	43.83	ng	99
40) Hexachlorocyclopentadiene	11.20	237	23451	17.17	ng	95

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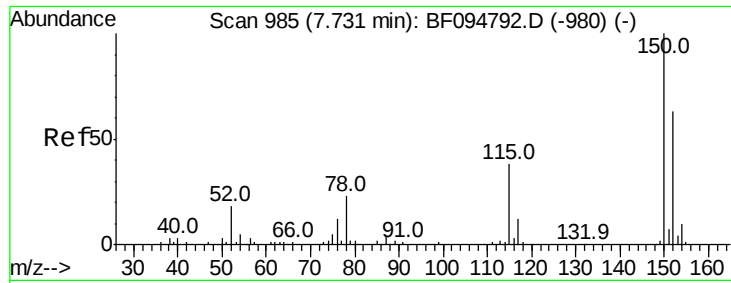
Manual Integrations
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Quant Time: May 18 11:29:16 2017
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 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	130996	42.29	nq	97
43) 2,4,5-Trichlorophenol	11.55	196	129105	38.78	nq #	92
45) 1,1'-Biphenyl	11.71	154	585557	46.10	nq	98
46) 2-Chloronaphthalene	11.73	162	453307	44.20	nq	97
47) 2-Nitroaniline	11.95	65	122111	43.50	nq #	80
48) Acenaphthylene	12.39	152	692946	43.13	nq	99
49) Dimethylphthalate	12.26	163	532841	43.02	nq	99
50) 2,6-Dinitrotoluene	12.35	165	109705	43.42	nq	93
51) Acenaphthene	12.67	154	396227	41.29	nq	98
52) 3-Nitroaniline	12.64	138	72453	26.71	nq	84
53) 2,4-Dinitrophenol	12.87	184	12635	14.62	nq #	68
54) Dibenzofuran	12.96	168	571378	43.03	nq	98
55) 4-Nitrophenol	13.04	139	92243m	56.63	nq	
56) 2,4-Dinitrotoluene	13.03	165	127555	39.28	nq #	93
57) Fluorene	13.52	166	470738	40.77	nq	97
58) 2,3,4,6-Tetrachlorophenol	13.21	232	93204	44.48	nq #	91
59) Diethylphthalate	13.41	149	499461	42.07	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	215185	42.41	nq	91
61) 4-Nitroaniline	13.63	138	81525	32.74	nq	94
62) Azobenzene	13.79	77	435749	45.68	nq	93
64) 4,6-Dinitro-2-methylphenol	13.71	198	15499	10.38	nq #	78
65) n-Nitrosodiphenylamine	13.75	169	413862	51.17	nq	100
66) 4-Bromophenyl-phenylether	14.32	248	113232	48.10	nq	97
67) Hexachlorobenzene	14.41	284	101637	42.13	nq #	88
68) Atrazine	14.67	200	109850	48.11	nq	96
69) Pentachlorophenol	14.77	266	75326	69.85	nq	96
70) Phenanthrene	15.06	178	585902	45.76	nq	98
71) Anthracene	15.15	178	624225	47.73	nq	98
72) Carbazole	15.42	167	530334	44.57	nq	97
73) Di-n-butylphthalate	15.99	149	649763	43.79	nq	98
74) Fluoranthene	16.80	202	540569	41.16	nq	98
76) Benzidine	17.03	184	314258	60.90	nq #	94
77) Pyrene	17.11	202	574059	41.58	nq	99
79) Butylbenzylphthalate	18.00	149	262873	40.94	nq	88
80) Benzo(a)anthracene	18.68	228	487773	45.41	nq	98
81) 3,3'-Dichlorobenzidine	18.67	252	162598	43.82	nq #	97
82) Chrysene	18.73	228	467999	45.05	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	370072	40.45	nq #	97
84) Di-n-octyl phthalate	19.51	149	644235	42.95	nq	95
85) Indeno(1,2,3-cd)pyrene	21.70	276	312563	37.05	nq	98
87) Benzo(b)fluoranthene	19.96	252	380400	49.14	nq	98
88) Benzo(k)fluoranthene	19.99	252	430099	57.60	nq #	95
89) Benzo(a)pyrene	20.31	252	351747	49.24	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	255933	43.39	nq	96
91) Benzo(g,h,i)perylene	22.08	276	235650	40.71	nq	97

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



#1

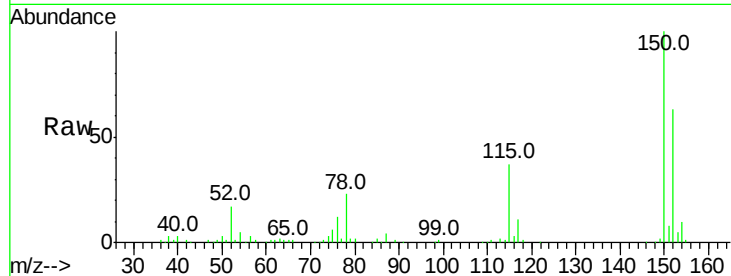
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
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ClientSampleId :
PB99041BS

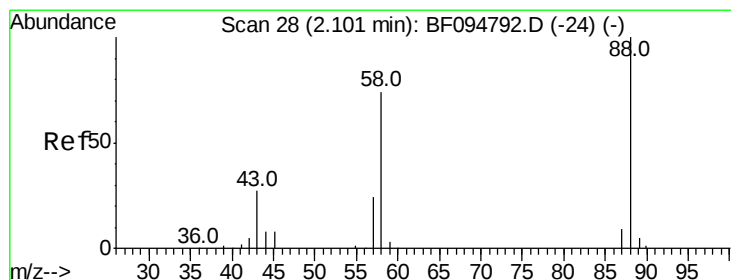
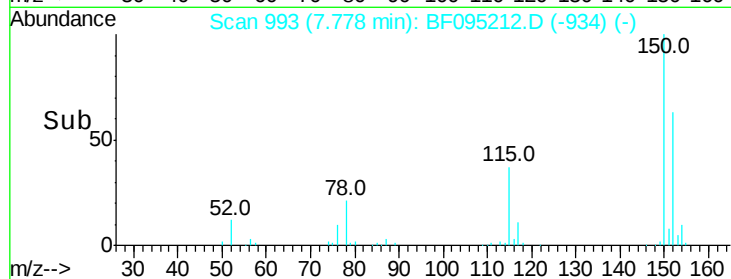
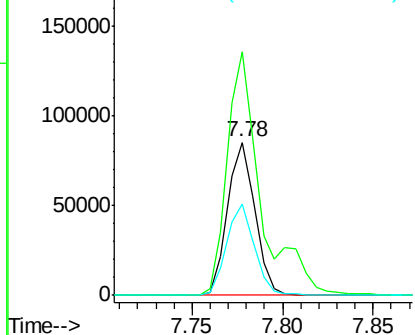
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	59.3	52.2	78.2

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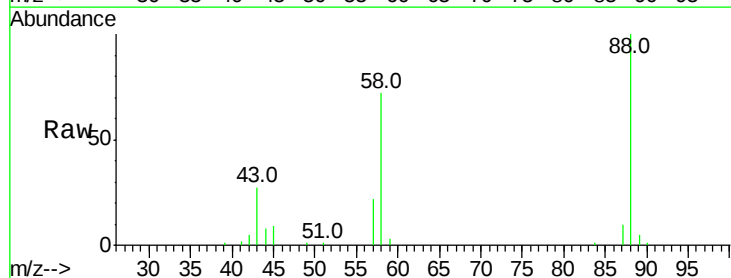
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



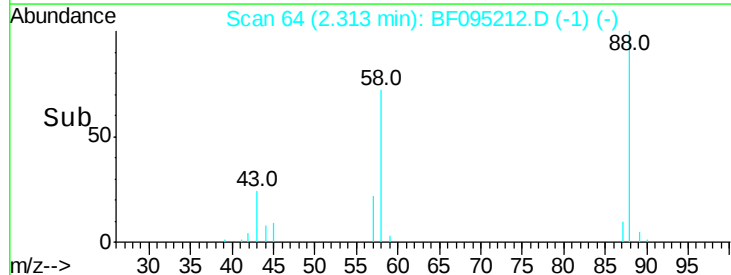
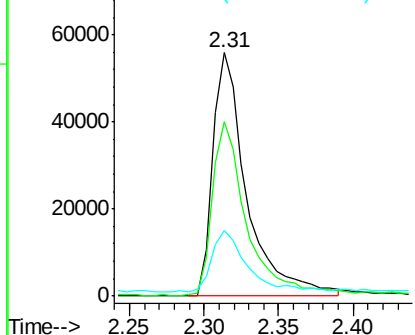
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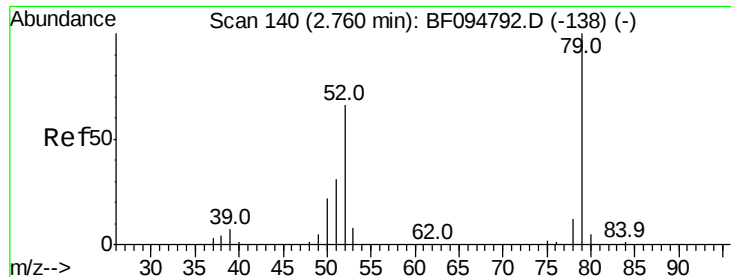
1,4-Dioxane
Concen: 33.47 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.21 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	61.4	92.0
43	26.8	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

Pvridine

Concen: 38.36 ng/ml

RT: 3.01 min Scan# 183

Delta R.T. 0.25 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

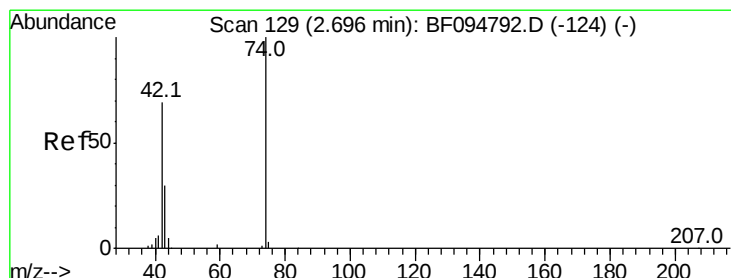
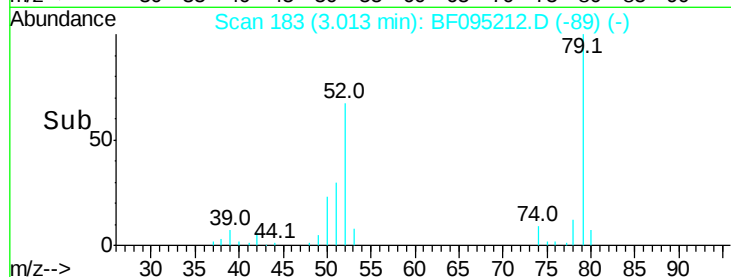
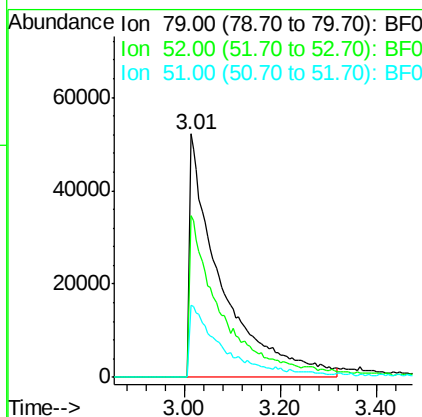
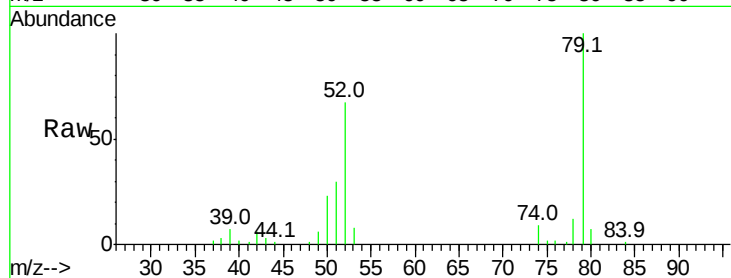
ClientSampleId :

PB99041BS

Tot Ion:	79	Resp:	235506
Ion Ratio	Lower	Upper	
79	100		
52	66.6	54.8	82.2
51	29.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 34.77 ng/ml

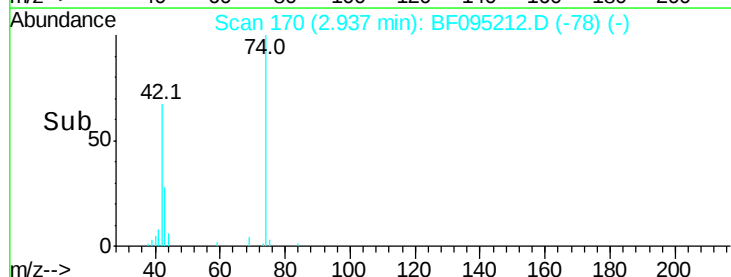
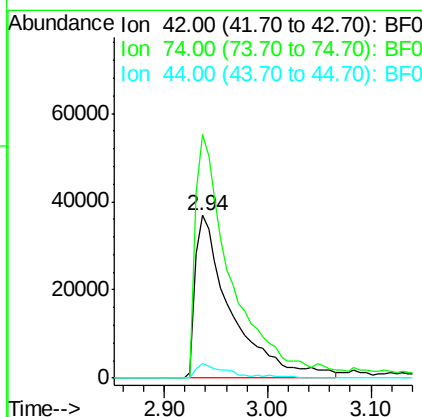
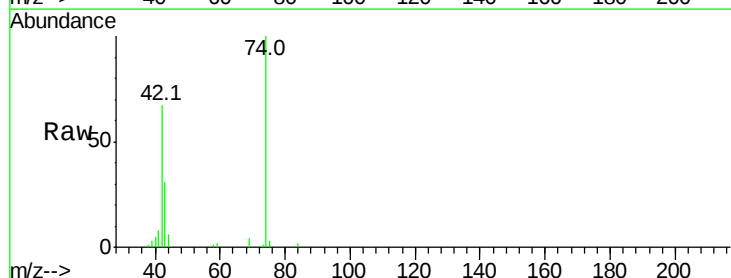
RT: 2.94 min Scan# 170

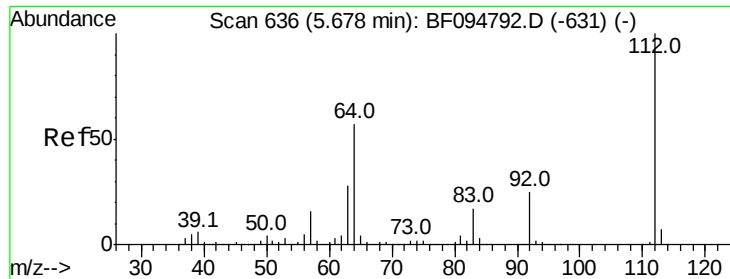
Delta R.T. 0.24 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:	42	Resp:	88973
Ion Ratio	Lower	Upper	
42	100		
74	149.8	103.9	155.9
44	8.8	5.7	8.5#





#5

2-Fluorophenol

Concen: 141.56 ng

RT: 5.75 min Scan# 649

Delta R.T. 0.08 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

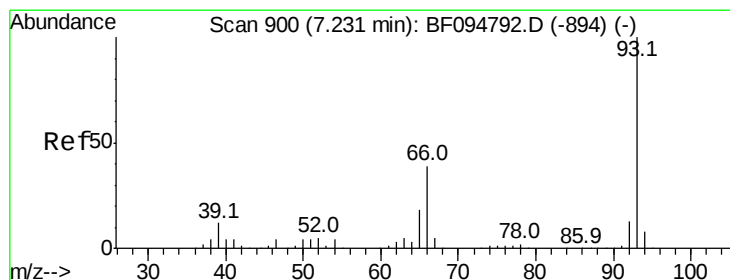
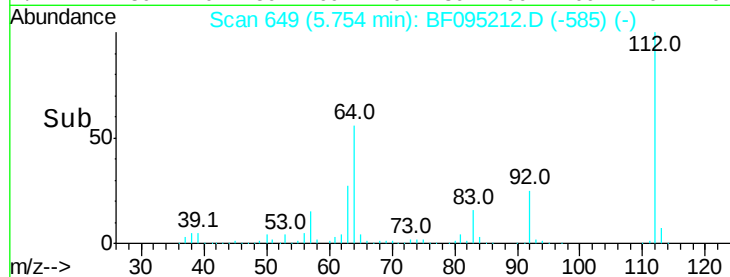
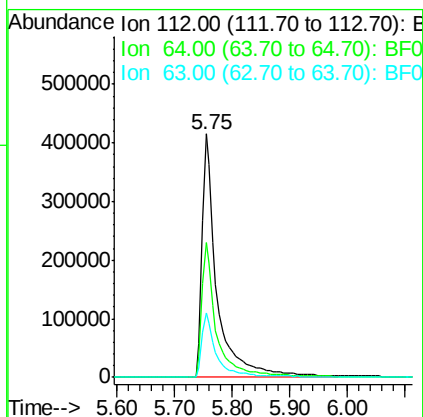
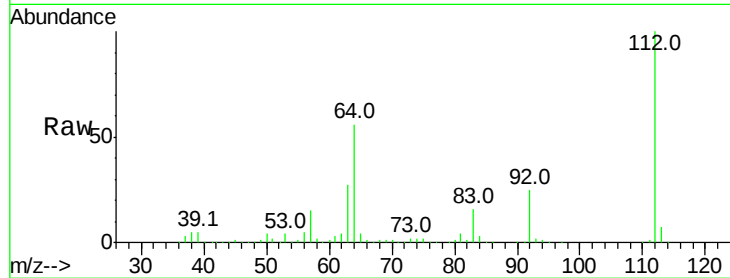
ClientSampled :

PB99041BS

Tot Ion:	112	Resp:	764615
Ion Ratio	Lower	Upper	
112	100		
64	55.5	46.0	69.0
63	26.6	23.4	35.0

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#6

Aniline

Concen: 30.08 ng

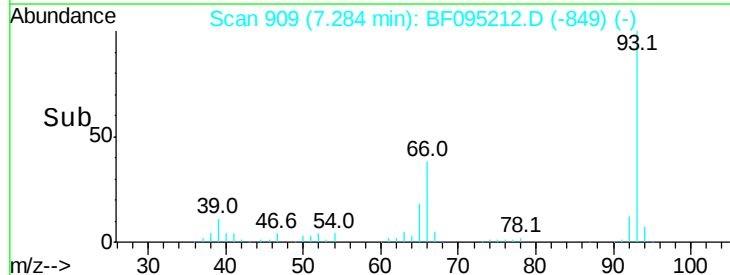
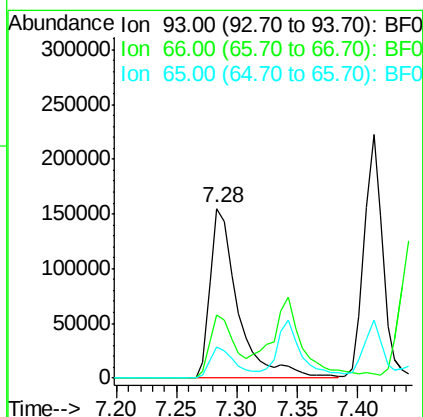
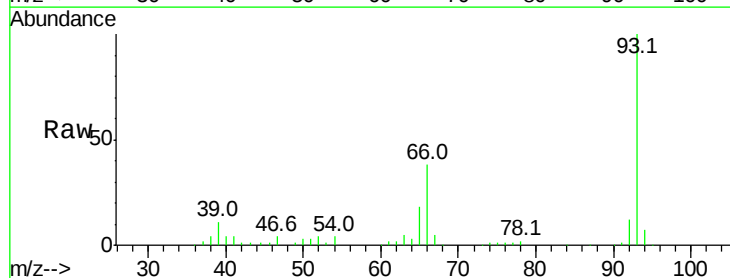
RT: 7.28 min Scan# 909

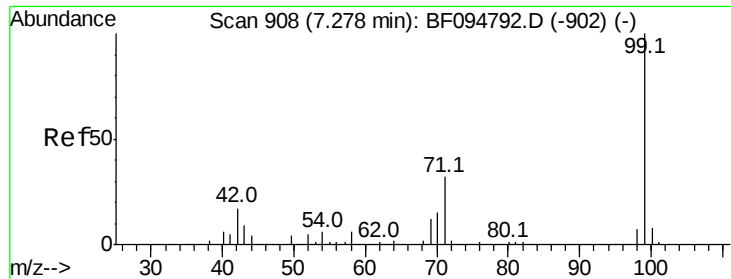
Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:	93	Resp:	246110
Ion Ratio	Lower	Upper	
93	100		
66	37.5	32.9	49.3
65	18.3	16.0	24.0





#7

Phenol-d6

Concen: 131.56 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

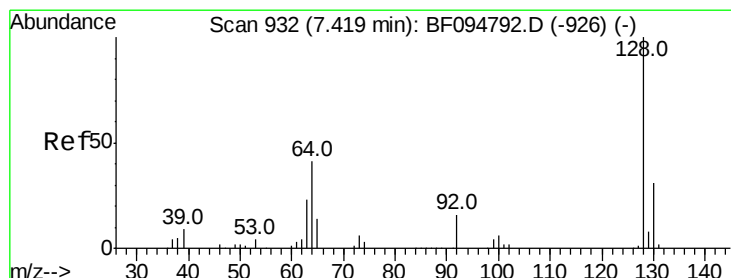
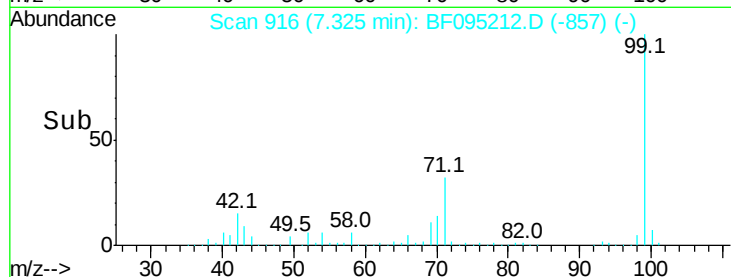
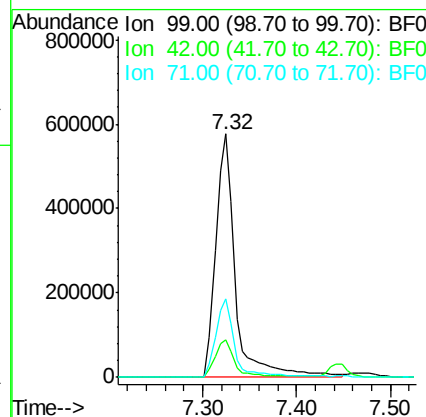
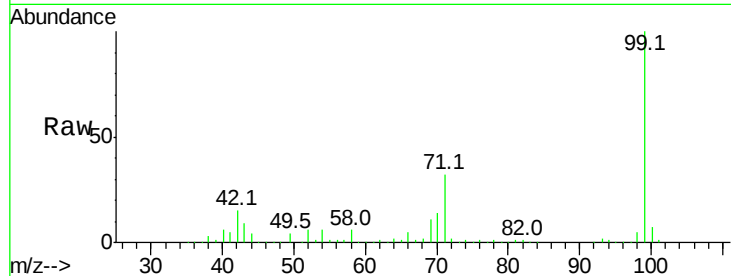
ClientSampleId :

PB99041BS

Tot Ion:	99	Resp:	852594
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.5	20.3
71	32.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.82 ng

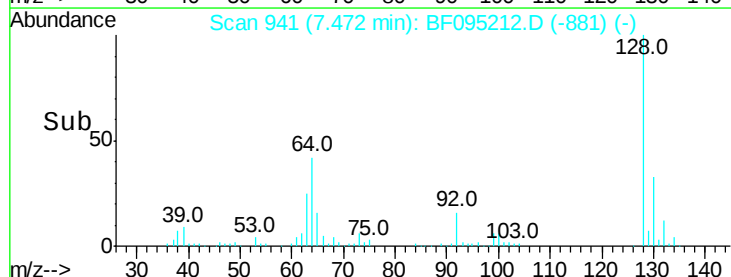
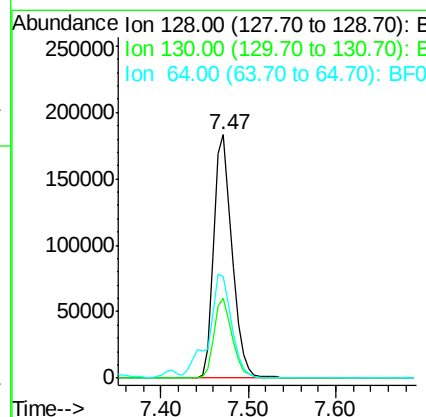
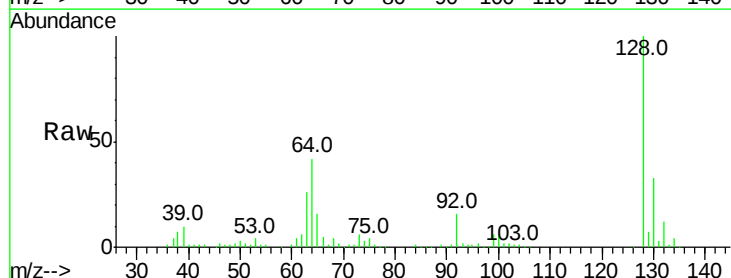
RT: 7.47 min Scan# 941

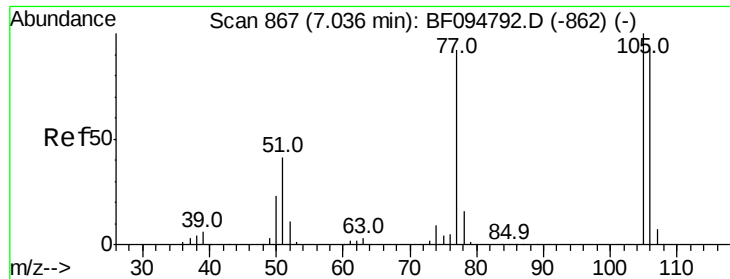
Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:	128	Resp:	269382
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	41.9	28.4	68.4





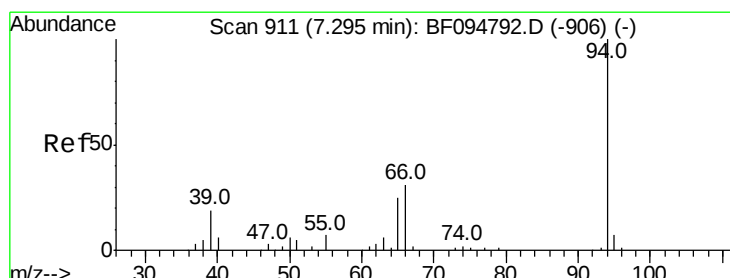
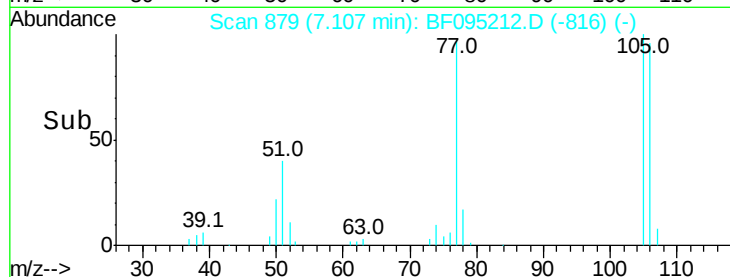
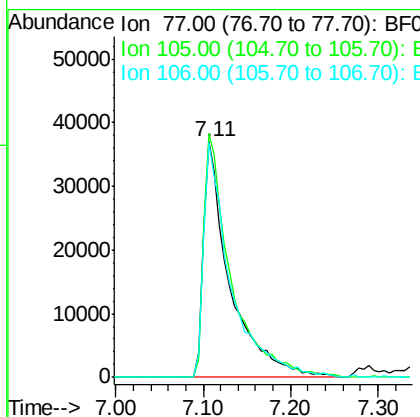
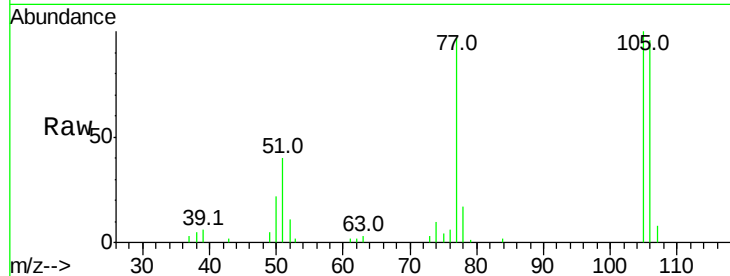
#9
Benzaldehyde
Concen: 19.54 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleID :
PB99041BS

Tot Ion:	77	Resp:	77342
Ion	Ratio	Lower	Upper
77	100		
105	103.5	83.8	123.8
106	99.7	79.1	119.1

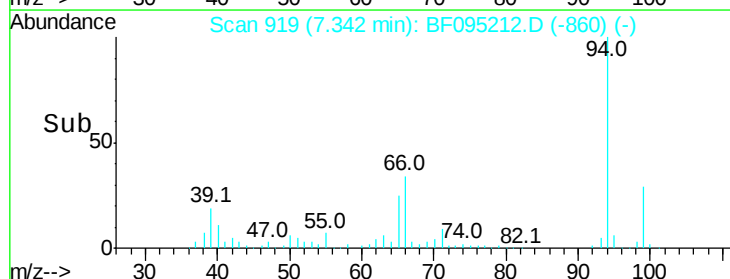
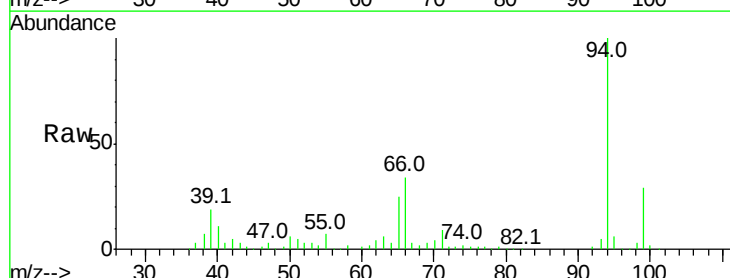
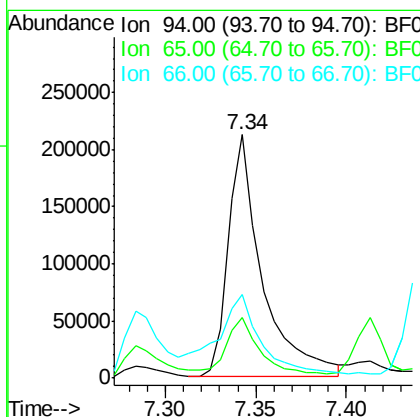
Manual Integrations
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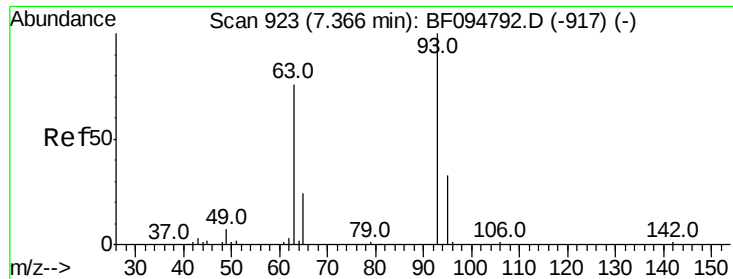
mohammad
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#10
Phenol
Concen: 40.52 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion:	94	Resp:	276694
Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	34.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.04 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

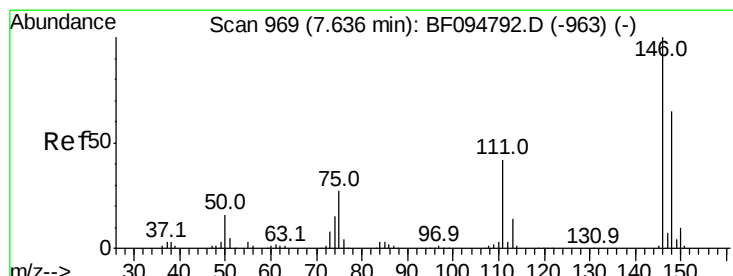
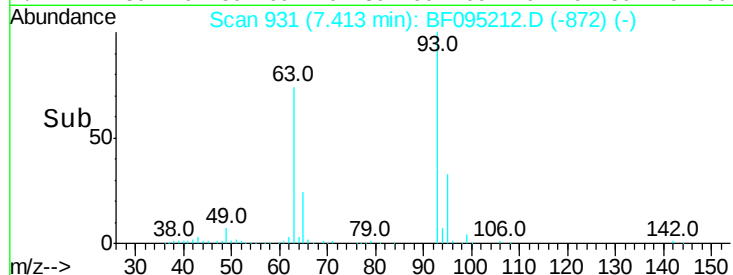
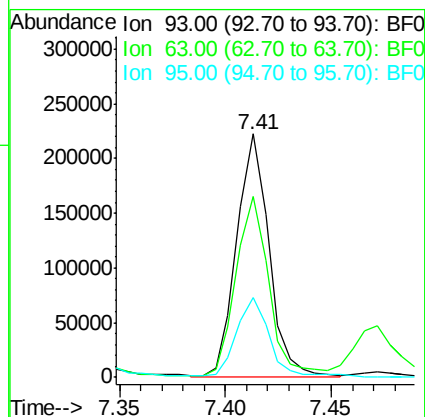
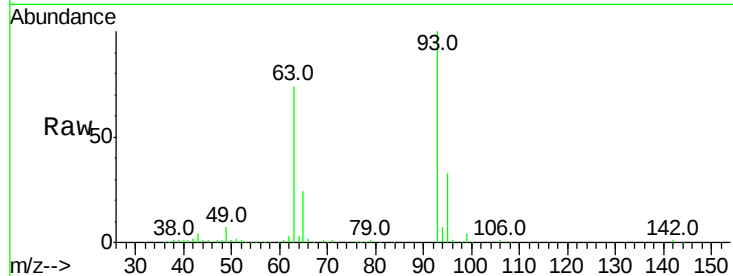
ClientSampleId :

PB99041BS

Tot Ion:	93	Resp:	237007
Ion Ratio	Lower	Upper	
93	100		
63	74.3	59.2	99.2
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.01 ng

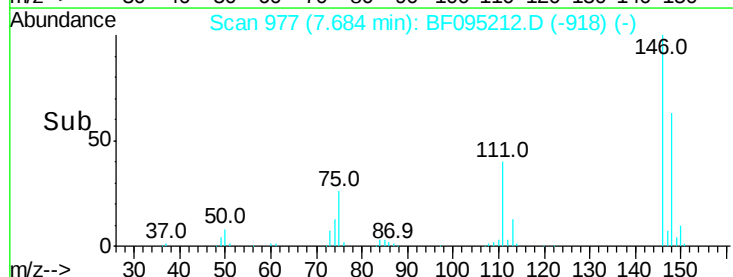
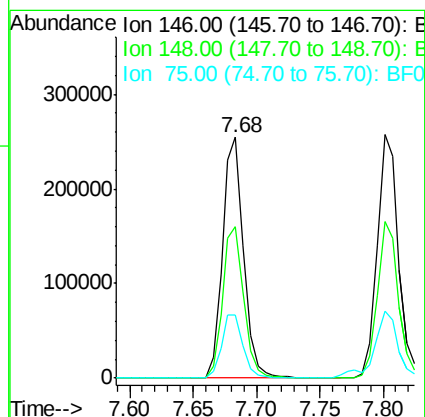
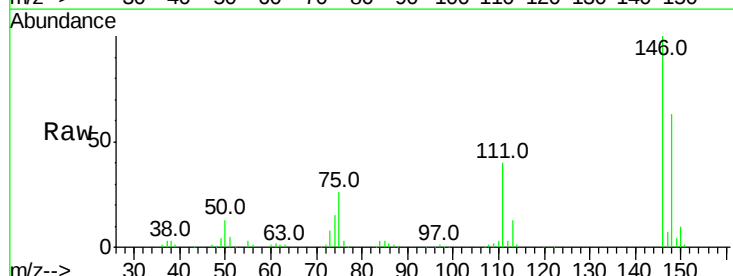
RT: 7.68 min Scan# 977

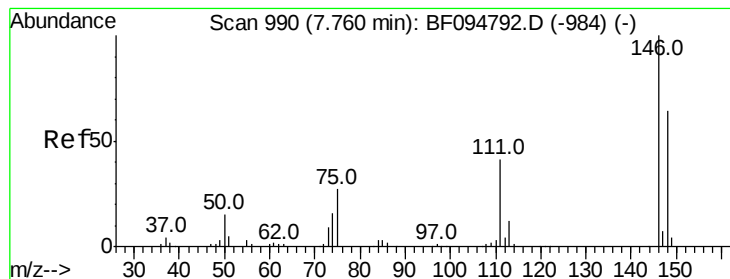
Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:	146	Resp:	292991
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.6
75	26.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 43.31 ng

RT: 7.80 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

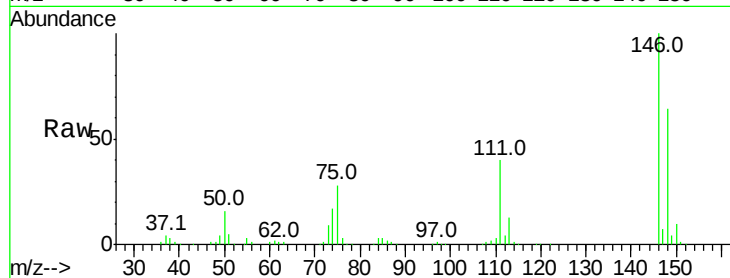
ClientSampleId :

PB99041BS

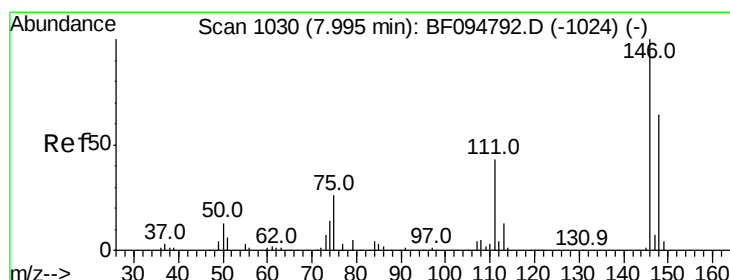
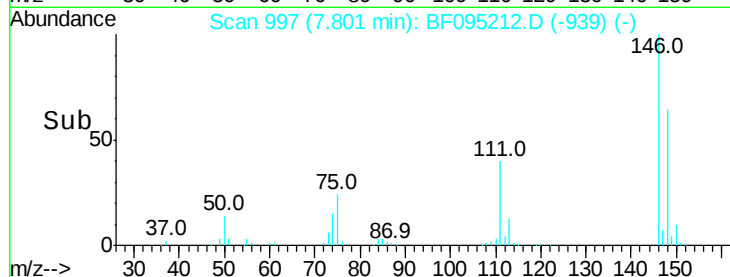
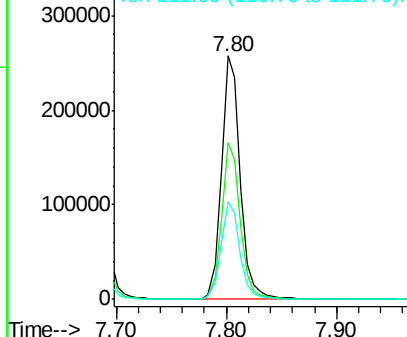
Tot Ion:	146	Resp:	306325
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.2	78.2
111	39.9	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.37 ng

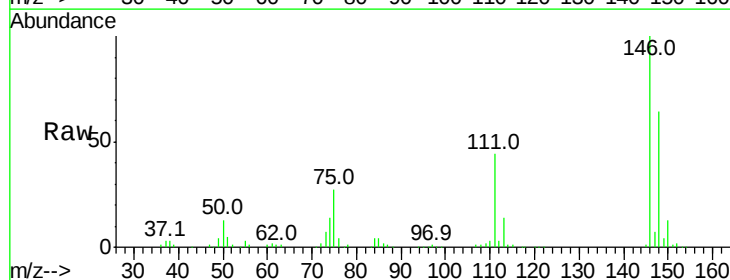
RT: 8.04 min Scan# 1037

Delta R.T. 0.04 min

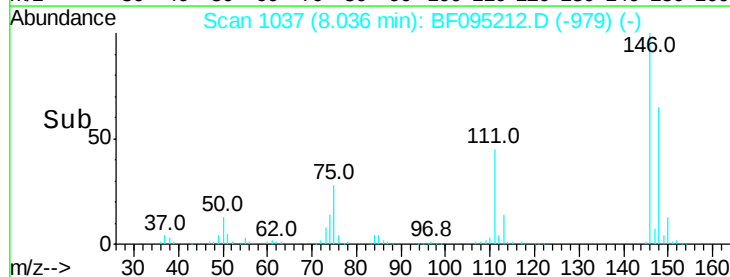
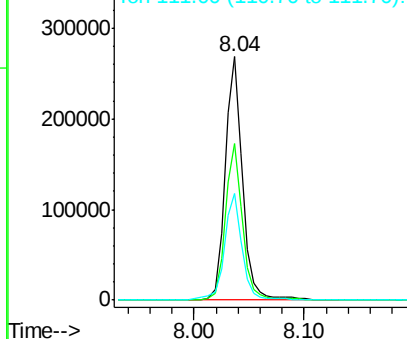
Lab File: BF095212.D

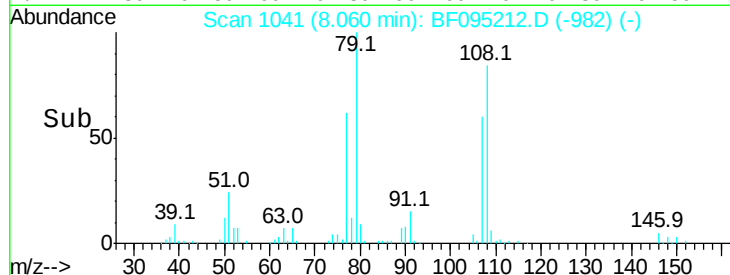
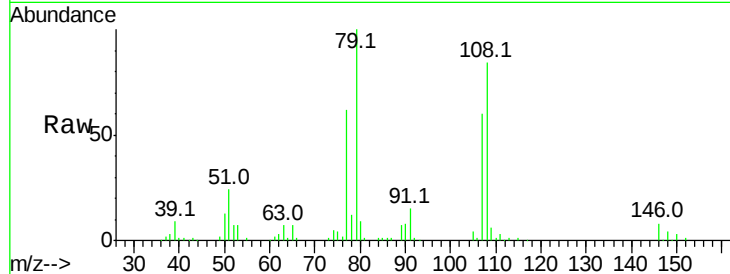
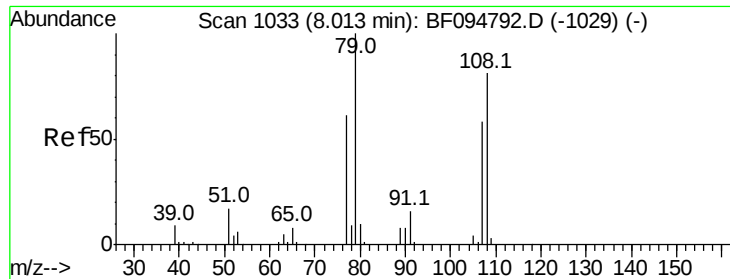
Acq: 18 May 2017 7:35

Tgt Ion:	146	Resp:	292930
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.4	75.6
111	43.6	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





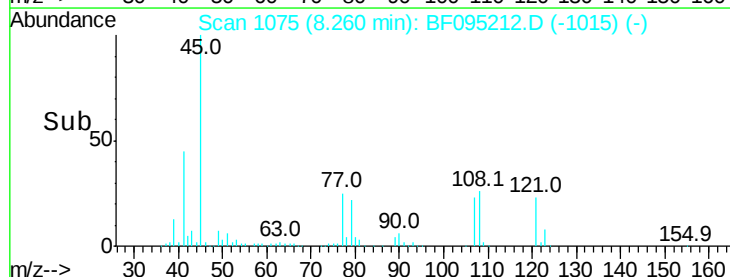
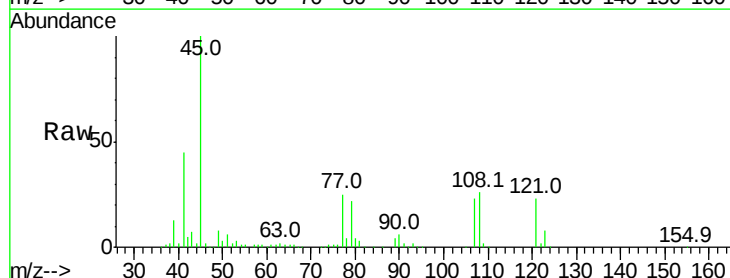
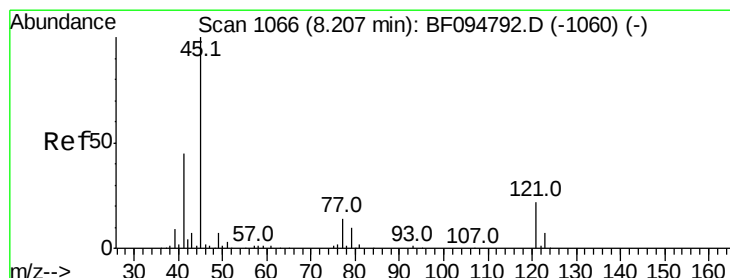
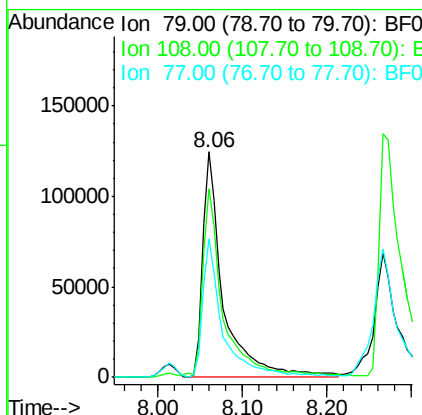
#15
Benzyl Alcohol
Concen: 50.64 ng
RT: 8.06 min Scan# 1041
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tot Ion	Ratio	Resp	Lower	Upper
79	100	211109		
108	83.7	63.4	95.0	
77	61.5	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
PB99041BS

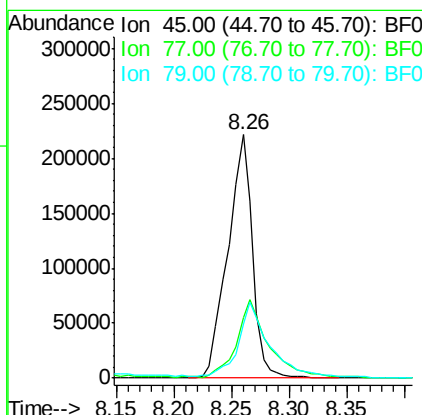
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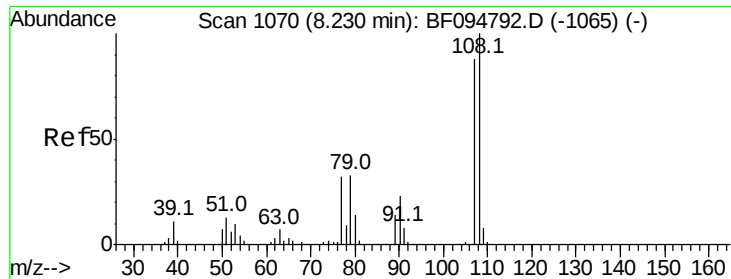
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.97 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	326968		
77	24.8	0.0	33.2	
79	22.3	0.0	30.0	





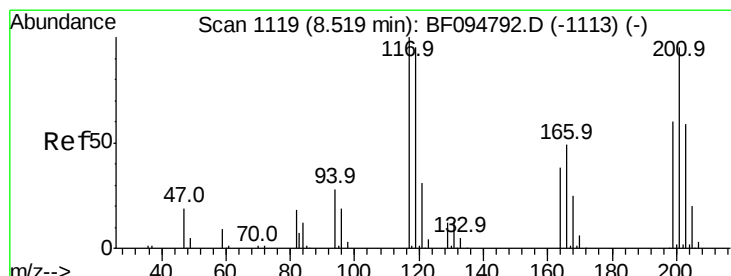
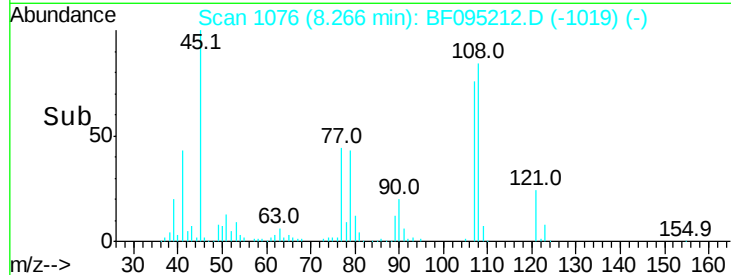
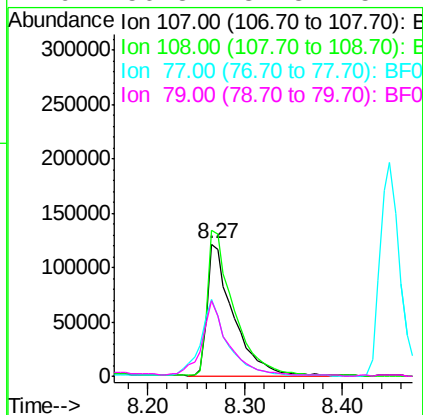
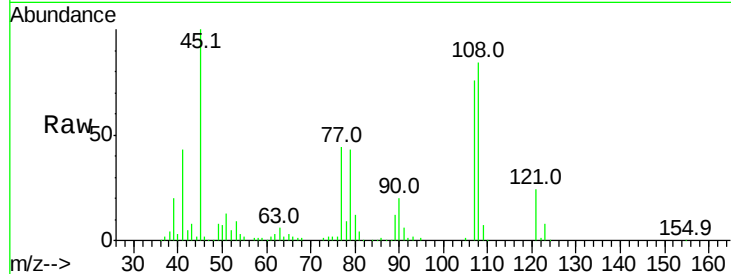
#17
2-Methylphenol
Concen: 44.70 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.5	93.4	140.0
77	58.5	35.8	53.6#
79	56.8	34.8	52.2#

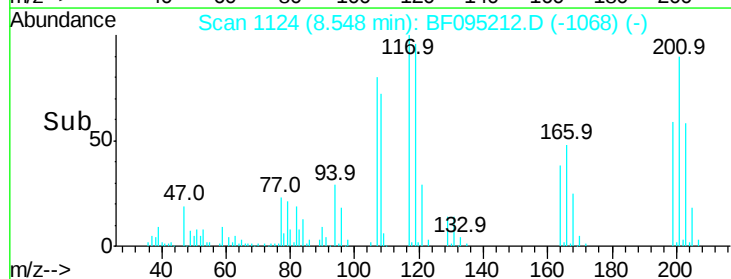
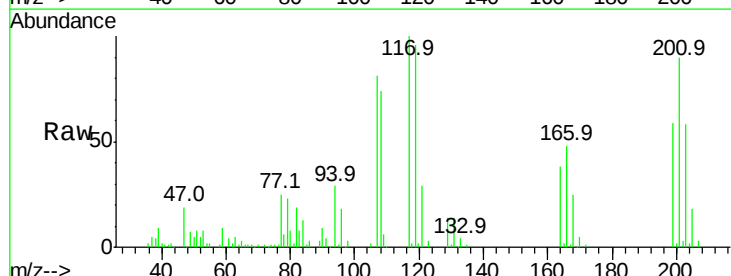
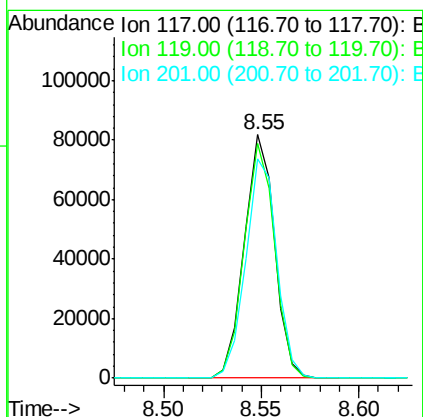
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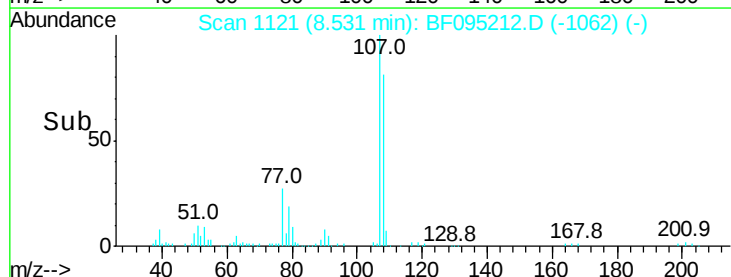
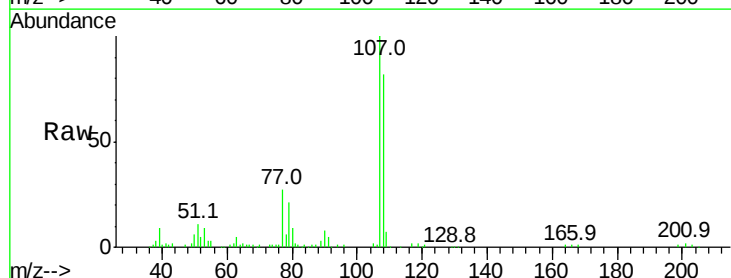
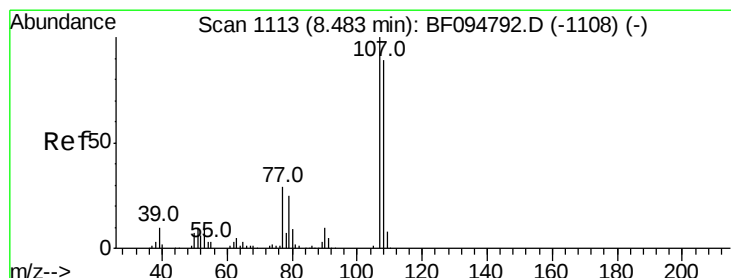
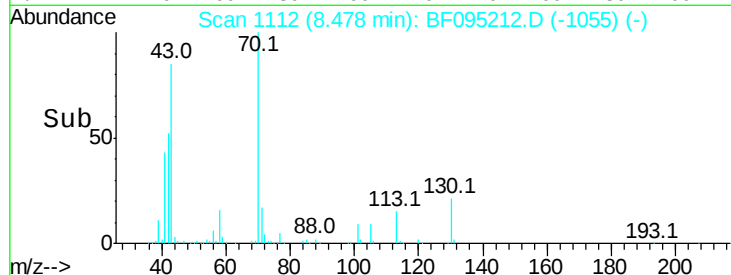
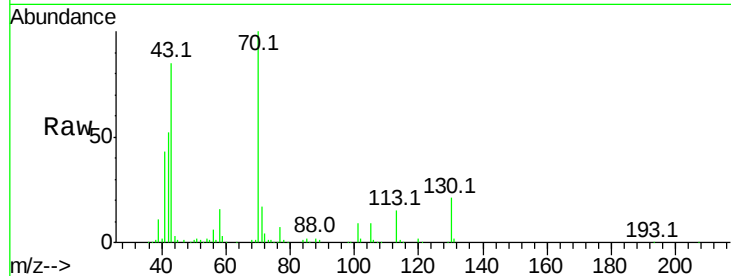
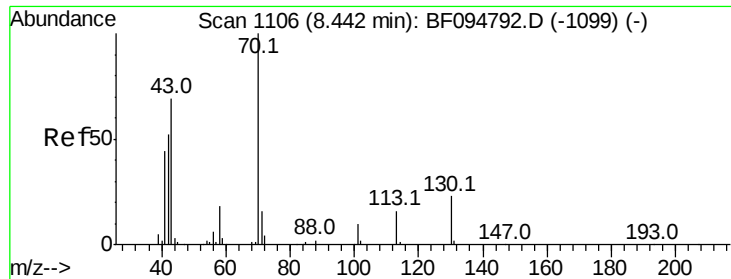
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#18
Hexachloroethane
Concen: 36.77 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.2	77.4	116.0
201	90.1	94.6	141.8#





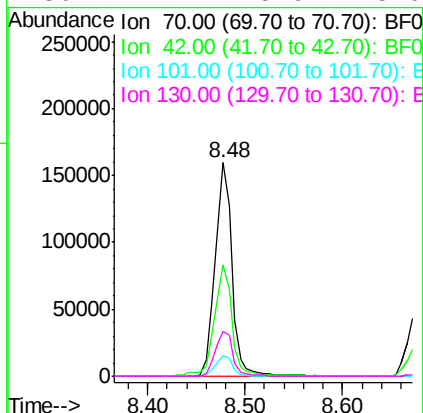
#19
n-Nitroso-di-n-propylamine
Concen: 43.86 ng
RT: 8.48 min Scan# 1112
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.2	70.8
101	9.4	7.2	10.8
130	21.2	15.9	23.9

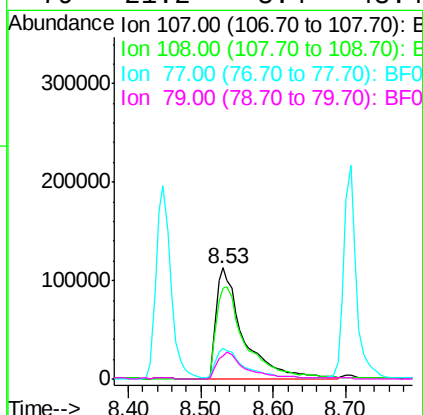
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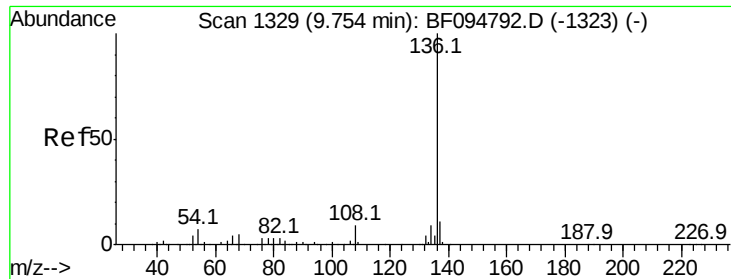
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#20
3+4-Methylphenols
Concen: 43.16 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.8	71.0	111.0
77	27.4	90.5	130.5#
79	21.2	8.4	48.4





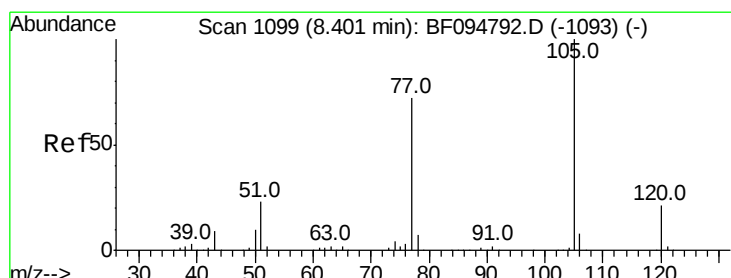
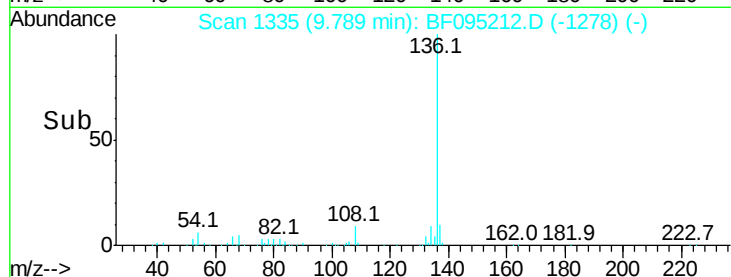
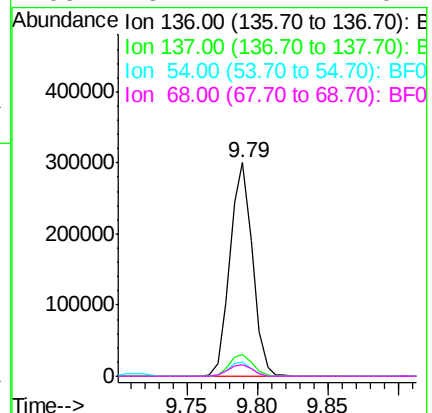
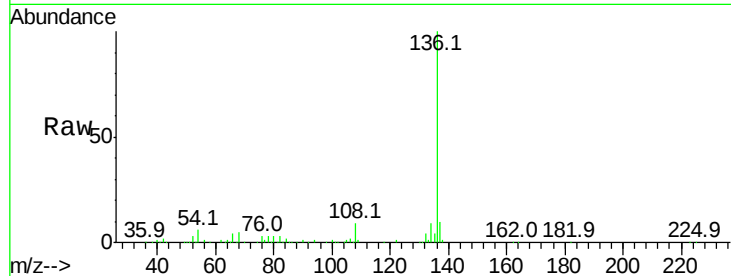
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.5	12.7	
54	6.5	4.9	7.3	
68	5.4	4.1	6.1	

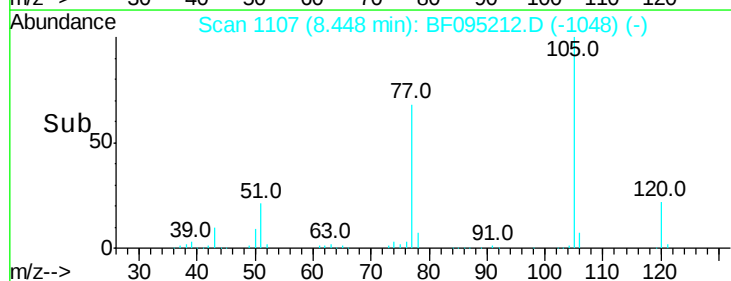
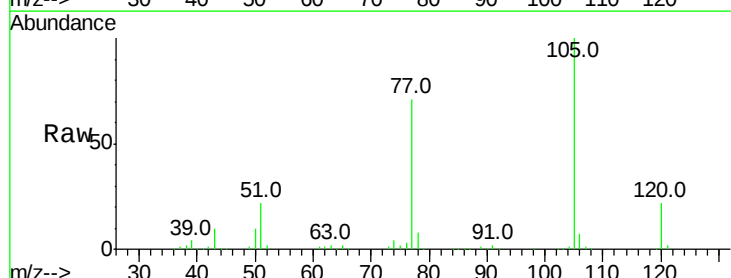
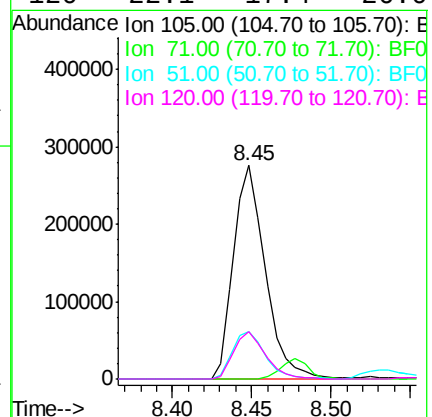
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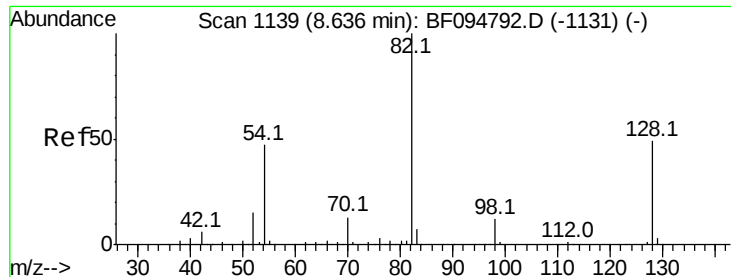
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#22
Acetophenone
Concen: 48.26 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.3	30.7	46.1#	
120	22.1	17.4	26.0	





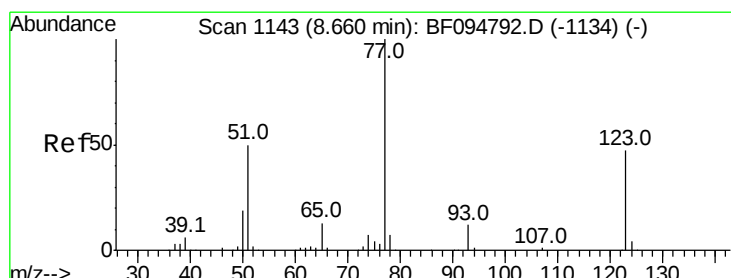
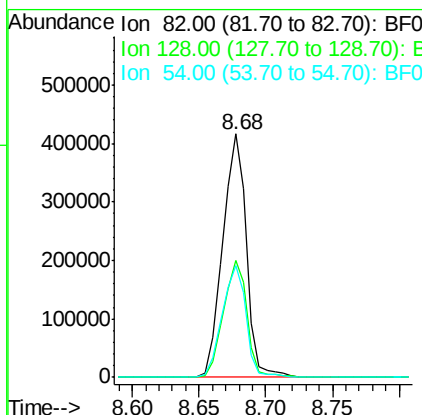
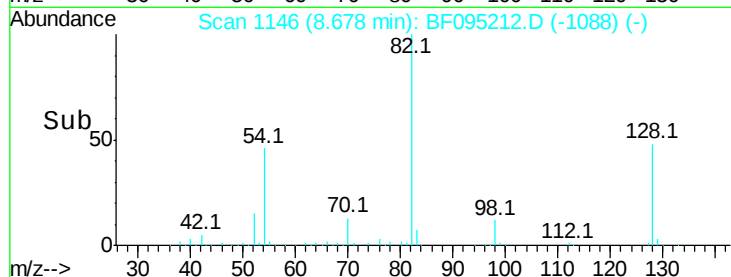
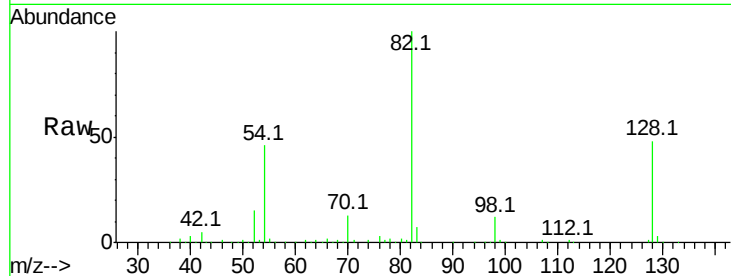
#23
 Nitrobenzene-d5
 Concen: 99.44 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleID :
 PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.3	34.0	51.0	
54	45.8	42.2	63.2	

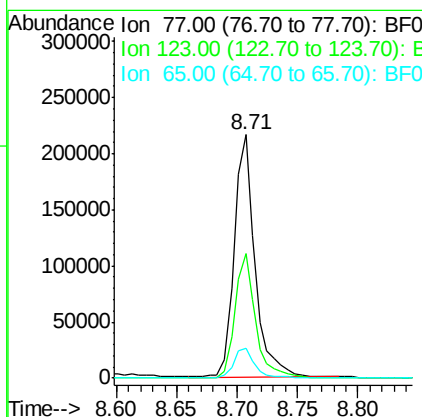
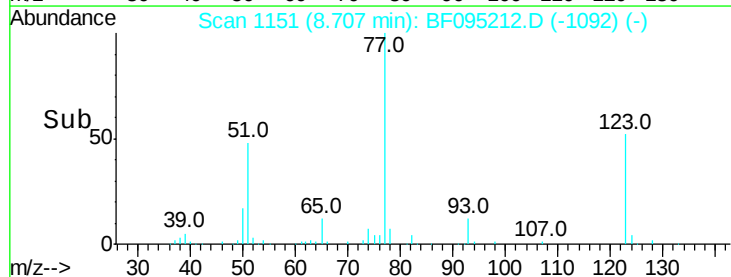
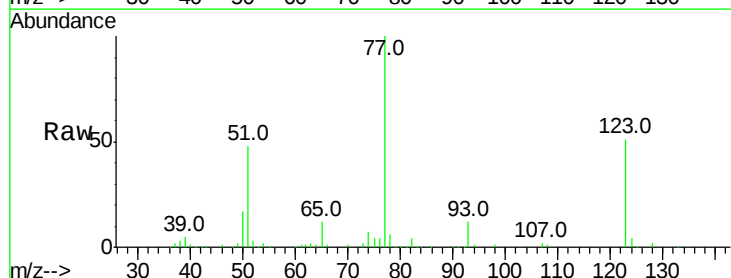
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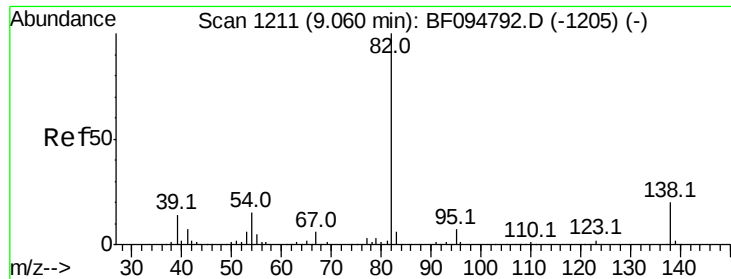
mohammad
 5/18/2017 2:30:04 PM



#24
 Nitrobenzene
 Concen: 46.92 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	35.8	53.8	
65	12.1	10.6	15.8	





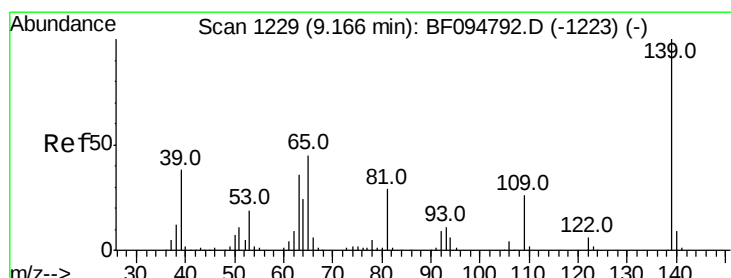
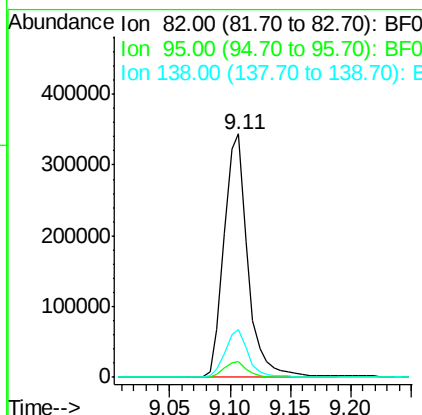
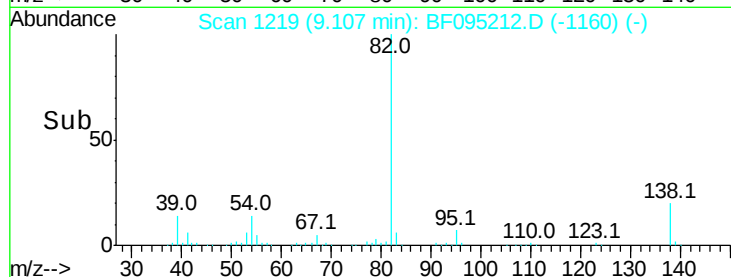
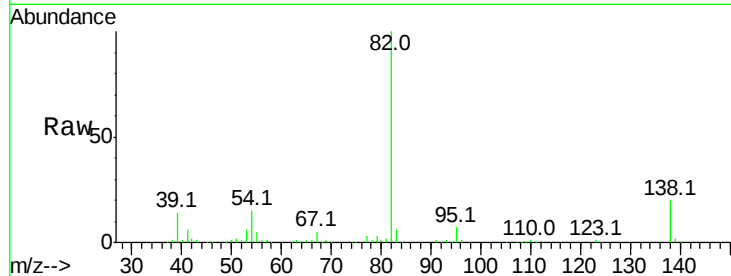
#25
Isophorone
Concen: 50.14 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	471132		
95	6.5	5.3	7.9	
138	19.6	13.1	19.7	

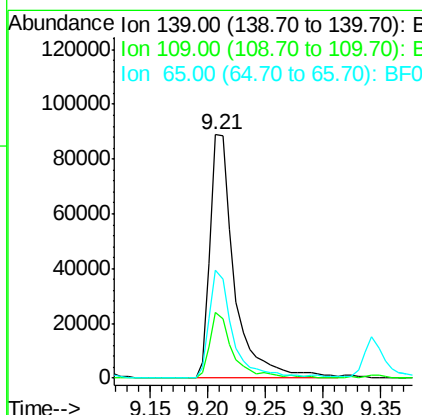
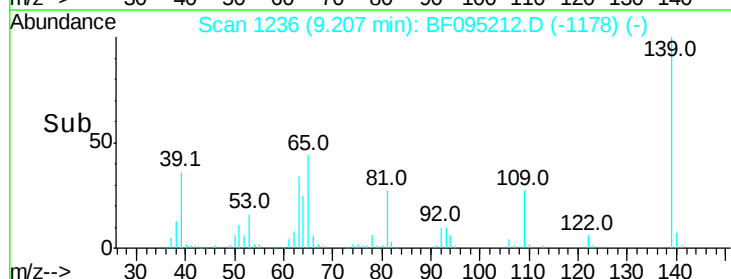
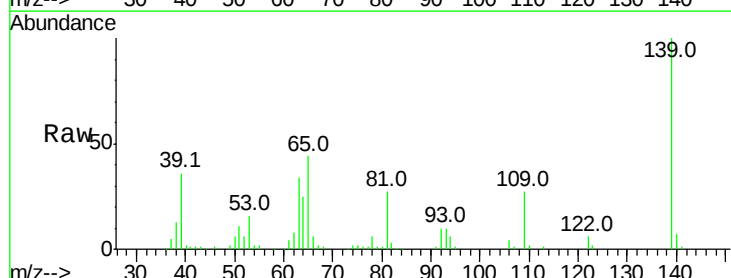
Manual Integrations
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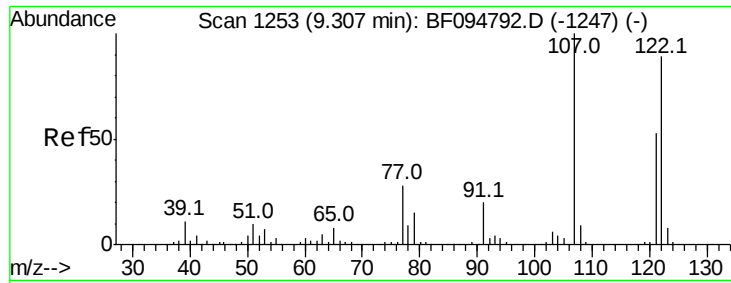
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#26
2-Nitrophenol
Concen: 44.08 ng
RT: 9.21 min Scan# 1236
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	131211		
109	26.8	21.0	31.6	
65	44.3	33.0	49.6	





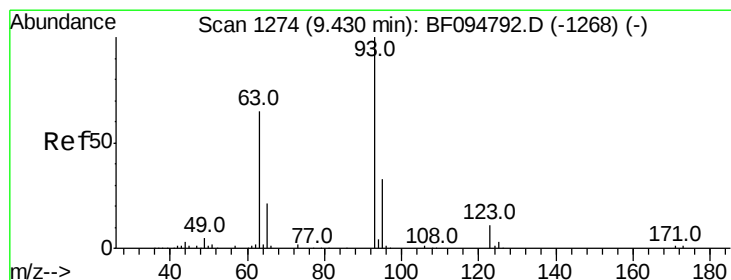
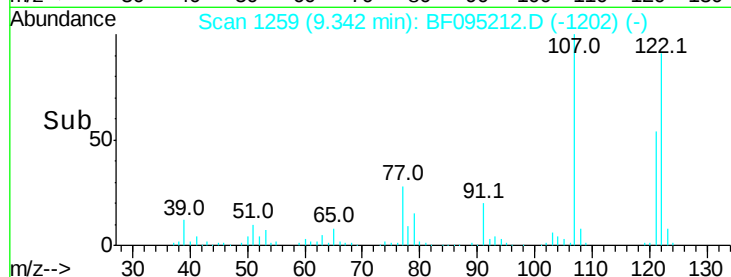
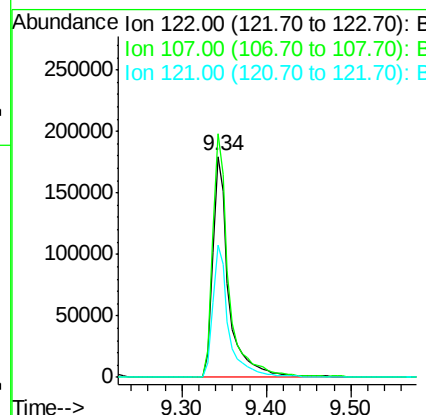
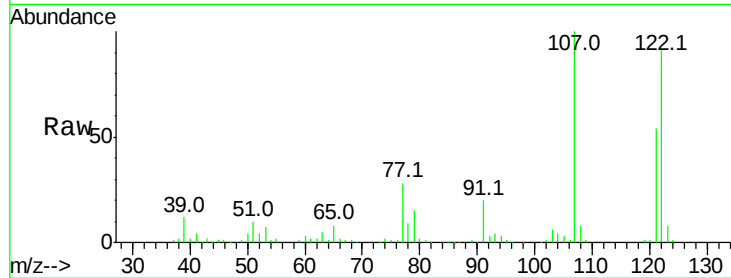
#27
 2,4-Dimethylphenol
 Concen: 49.82 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampled :
 PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	239762		
107	110.1	89.2	133.8	
121	60.0	45.2	67.8	

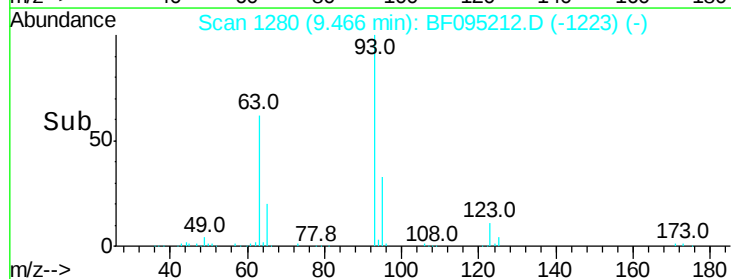
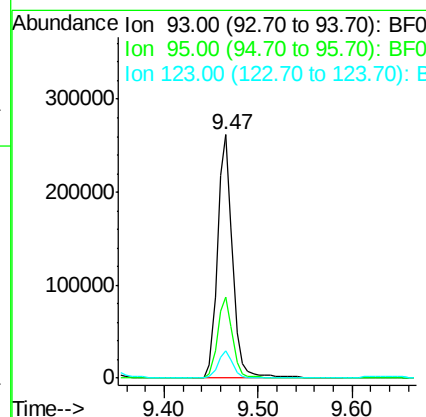
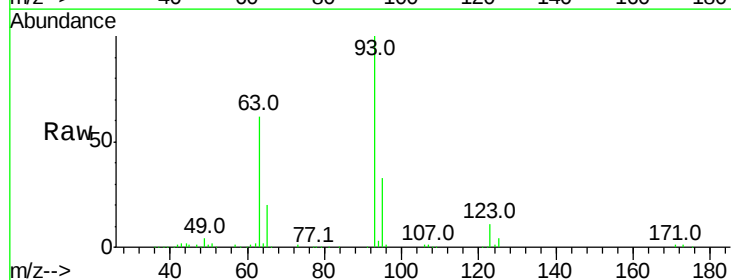
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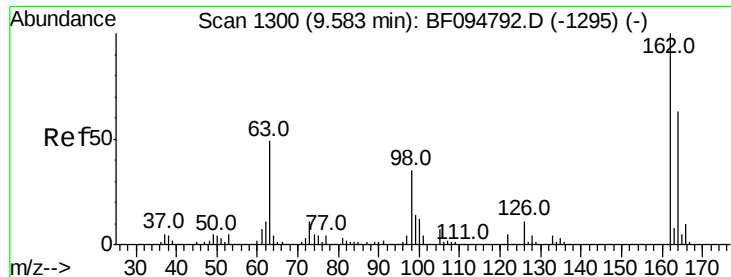
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.81 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	297770		
95	33.1	26.5	39.7	
123	11.4	9.0	13.4	





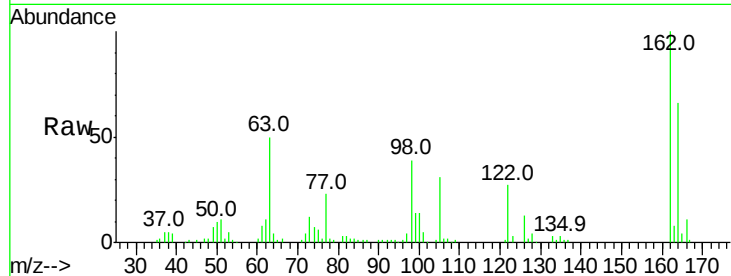
#29
 2,4-Dichlorophenol
 Concen: 46.56 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampled :
 PB99041BS

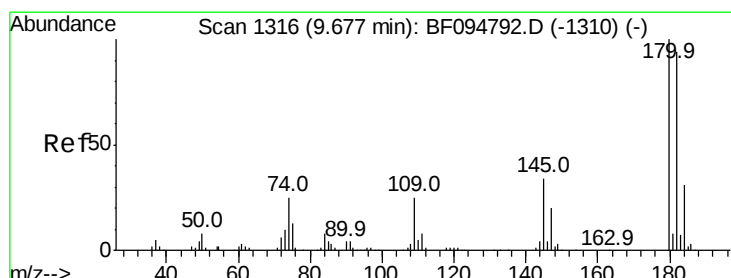
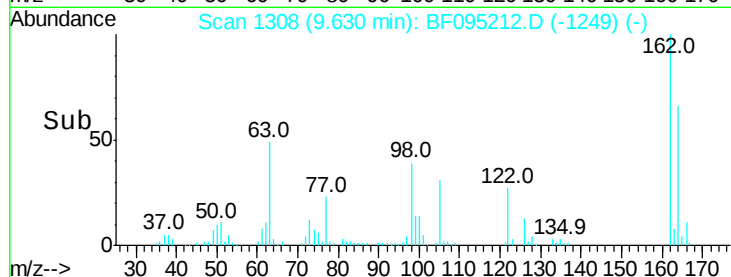
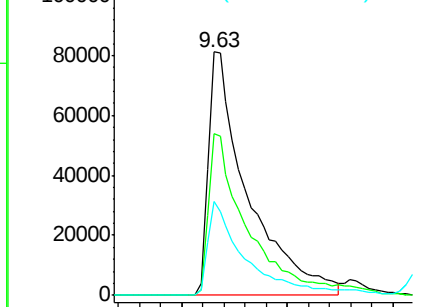
Tot Ion	Ratio	Resp	Lower	Upper
162	100	211559		
164	66.2	44.6	84.6	
98	38.5	14.8	54.8	

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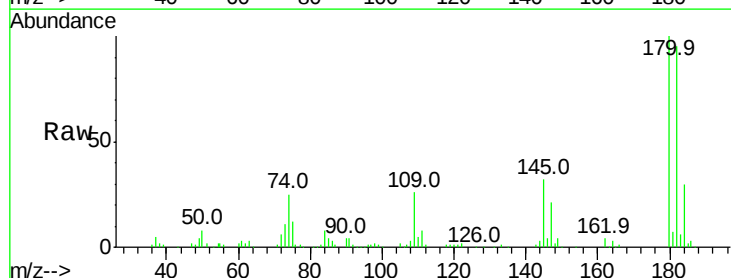


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

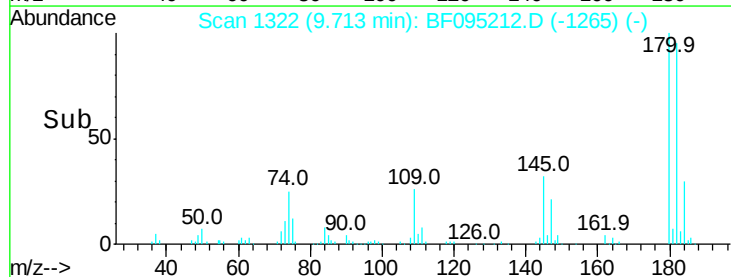
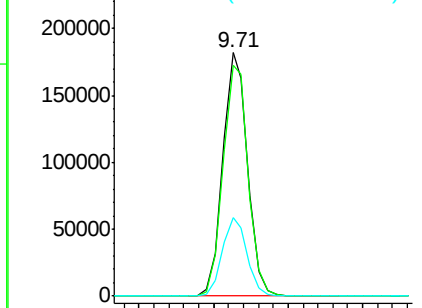


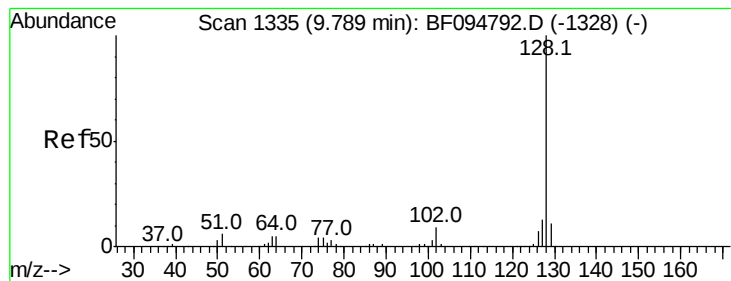
#30
 1,2,4-Trichlorobenzene
 Concen: 43.74 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	212905		
182	94.9	75.8	113.6	
145	32.5	25.3	37.9	



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





#31

Naphthalene

Concen: 42.69 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

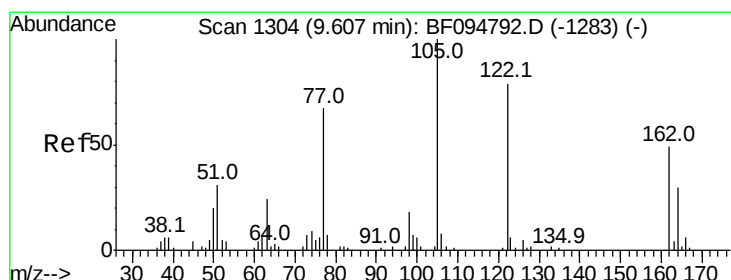
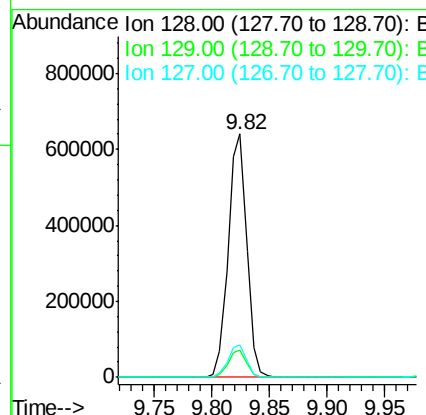
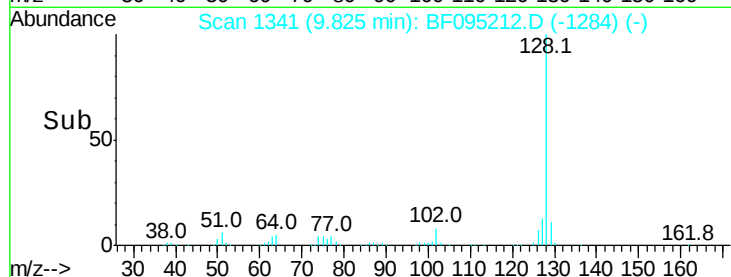
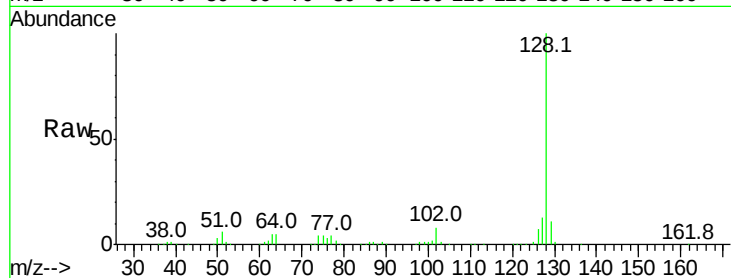
ClientSampleId :

PB99041BS

Tot Ion:128	Resp:	711912
Ion Ratio	Lower	Upper
128 100		
129 11.1	9.0	13.6
127 13.4	10.8	16.2

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#32

Benzoic acid

Concen: 29.12 ng

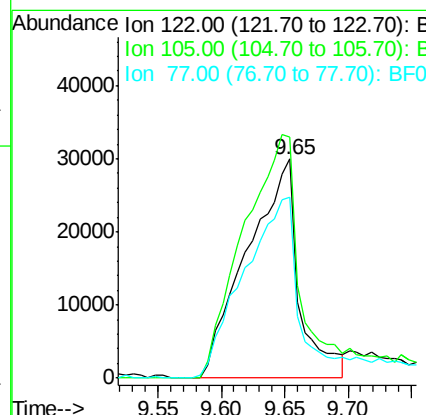
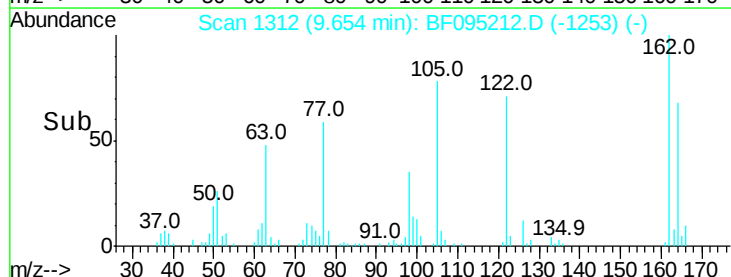
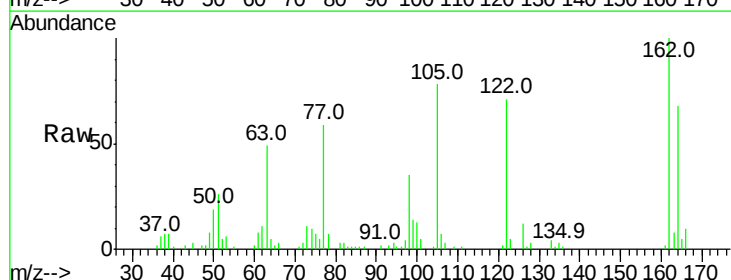
RT: 9.65 min Scan# 1312

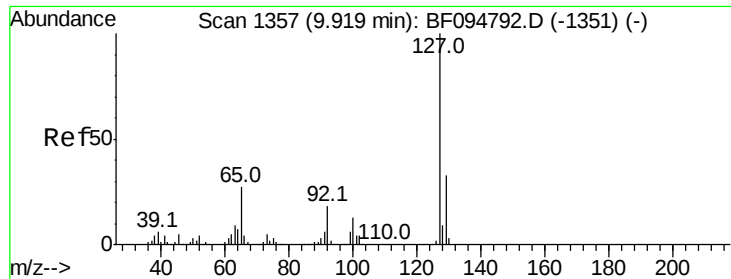
Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:122	Resp:	84942
Ion Ratio	Lower	Upper
122 100		
105 109.9	103.3	143.3
77 82.6	73.7	113.7





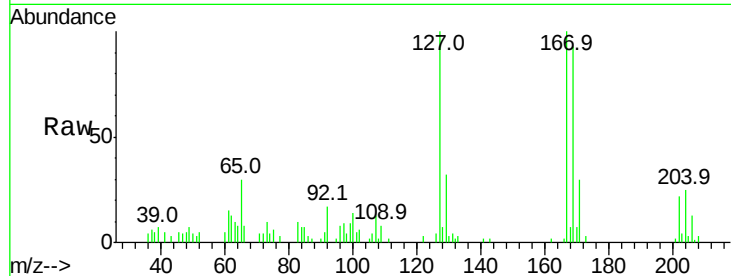
#33
4-Chloroaniline
Concen: 10.81 ng
RT: 9.99 min Scan# 1369
Delta R.T. 0.07 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

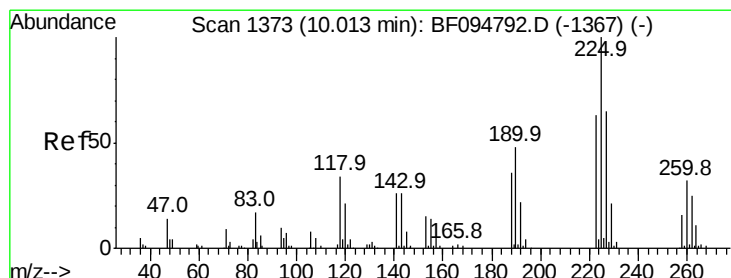
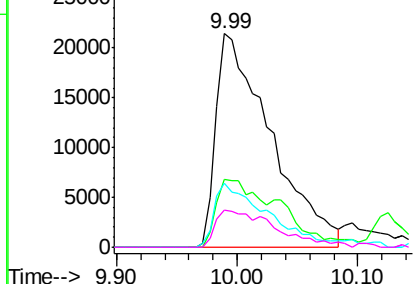
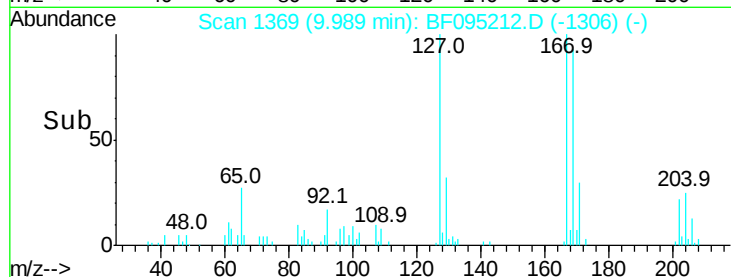
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		67165		
129	31.9	26.2	39.2		
65	29.7	27.8	41.8		
92	17.4	16.8	25.2		

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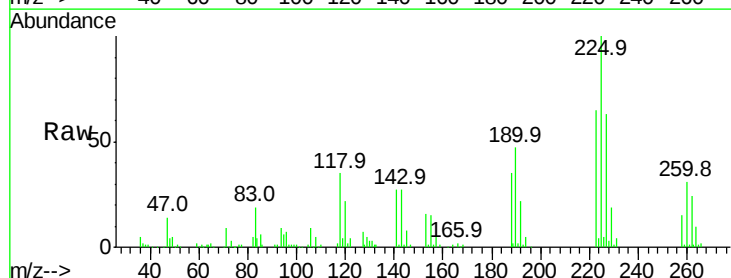


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

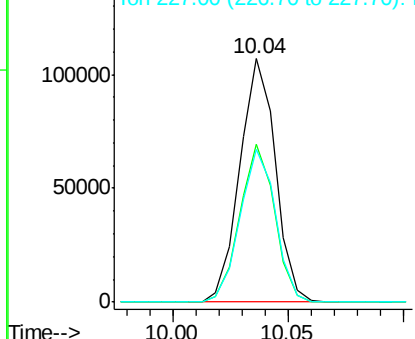
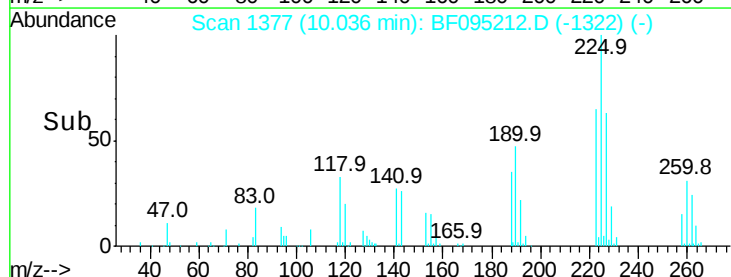


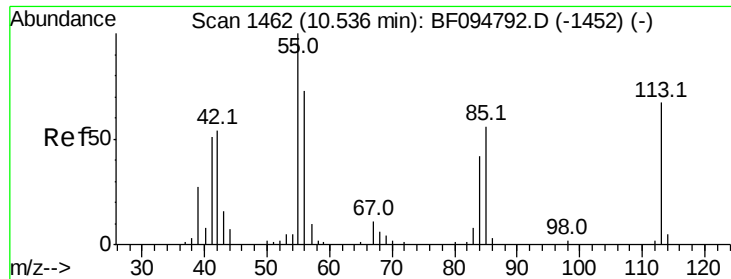
#34
Hexachlorobutadiene
Concen: 44.84 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		115168		
223	64.7	48.8	73.2		
227	62.6	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: 48.70 ng/mL

RT: 10.58 min Scan# 1470

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleID :

PB99041BS

Tot Ion:113 Resp: 66448

Ion Ratio Lower Upper

113 100

55 151.8 150.2 190.2

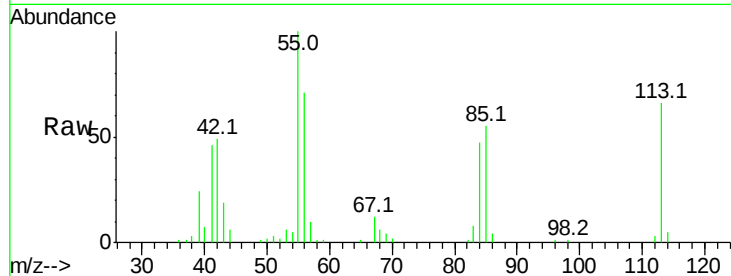
56 108.2 107.8 147.8

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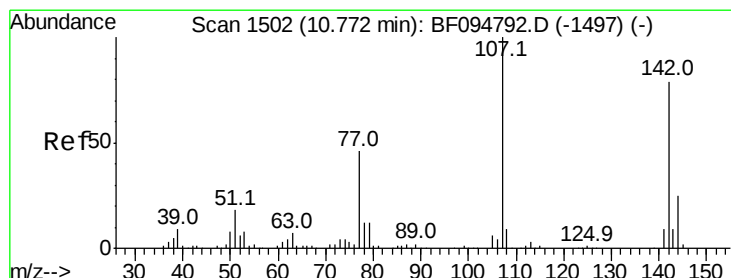
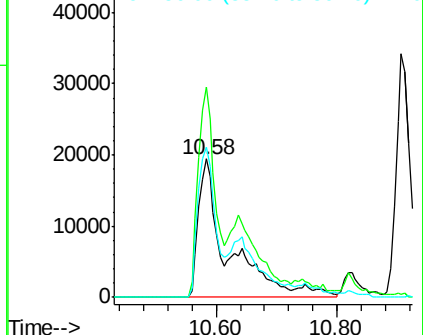
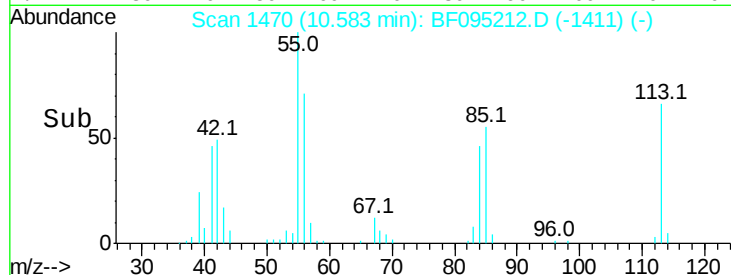
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.82 ng/mL

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

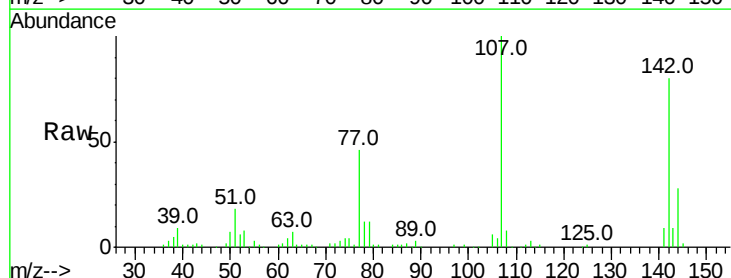
Tgt Ion:107 Resp: 222596

Ion Ratio Lower Upper

107 100

144 27.5 24.2 36.4

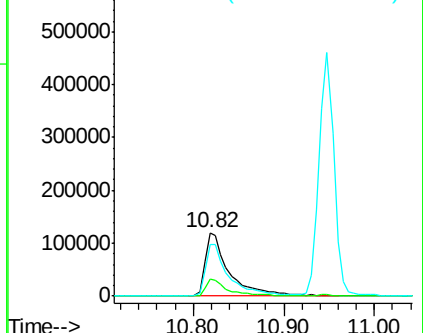
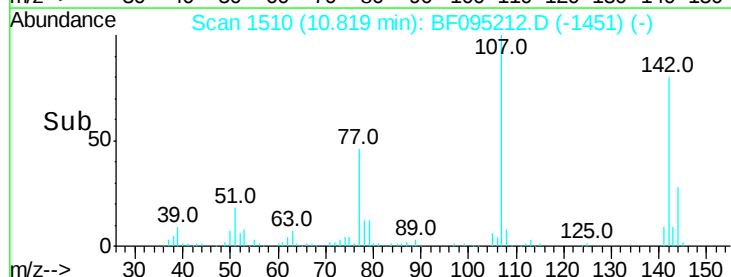
142 80.3 73.4 110.0

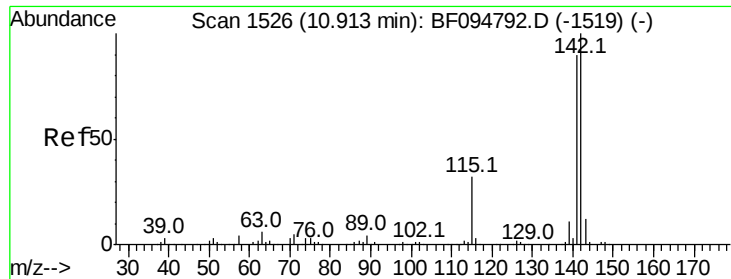


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





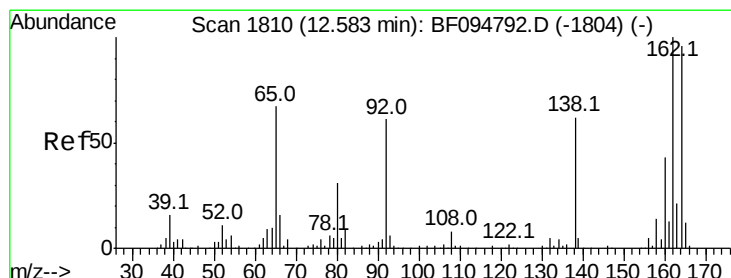
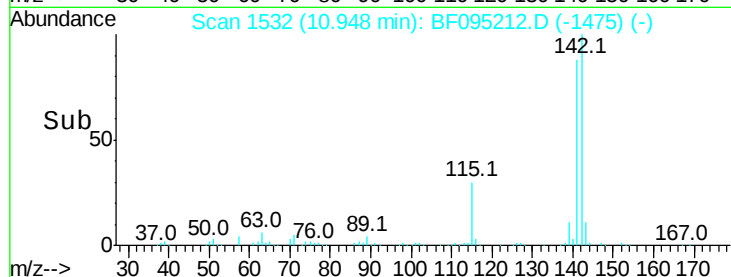
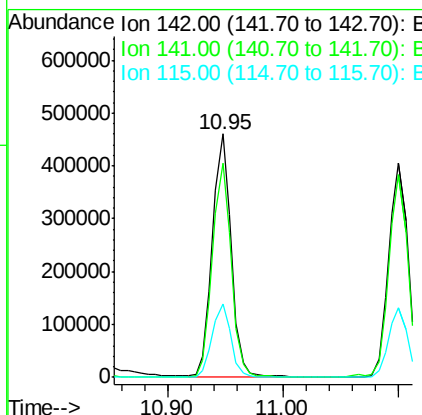
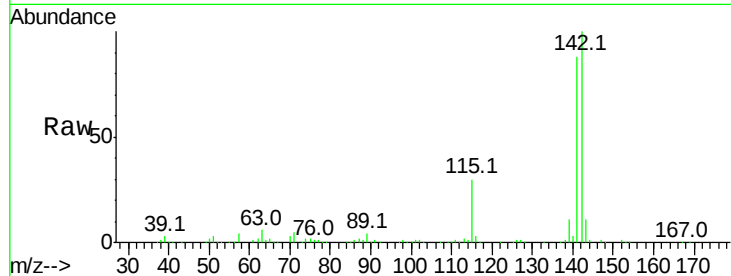
#37
2-Methylnaphthalene
Concen: 47.99 ng
RT: 10.95 min Scan# 1532
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	525313		
141	88.2	71.3	106.9	
115	30.1	27.1	40.7	

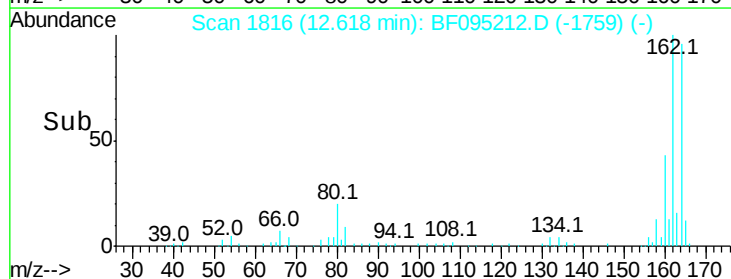
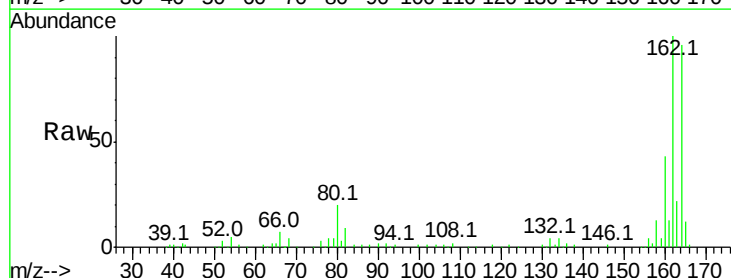
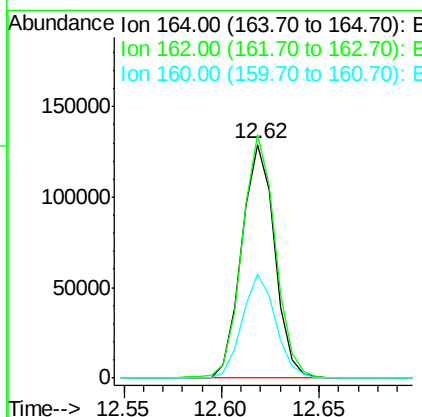
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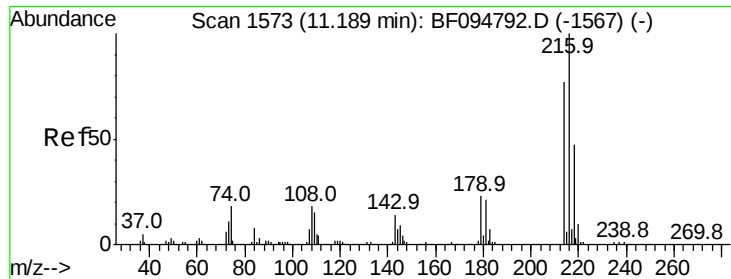
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150872		
162	104.1	82.6	123.8	
160	44.5	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.83 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

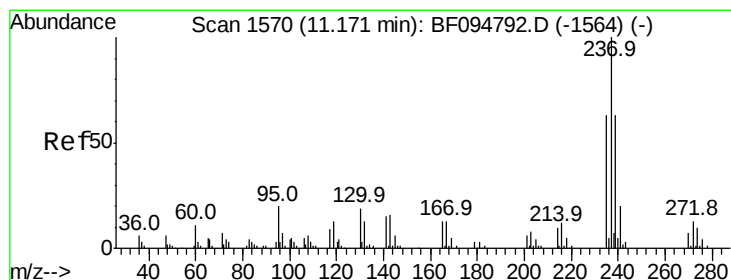
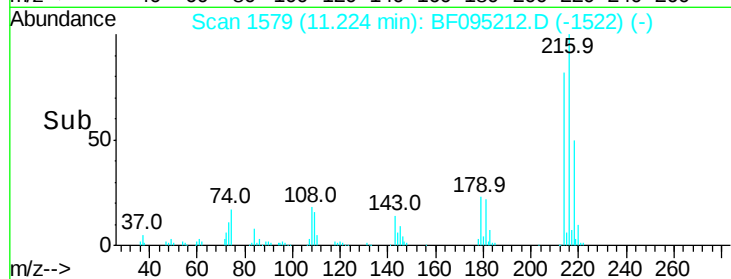
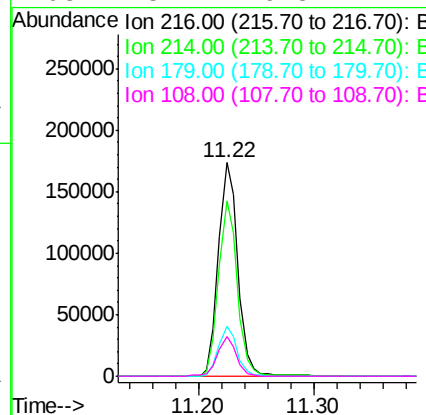
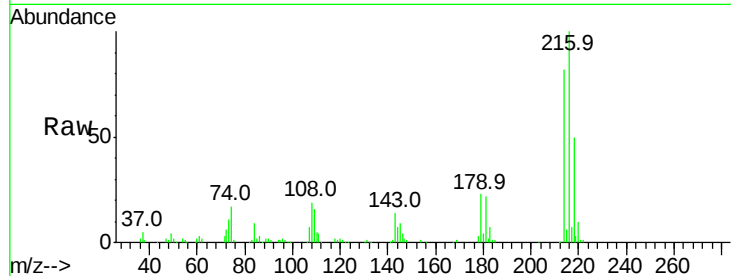
ClientSampleId :

PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	203377		
214	79.3	63.4	95.2	
179	22.3	17.9	26.9	
108	18.4	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 17.17 ng

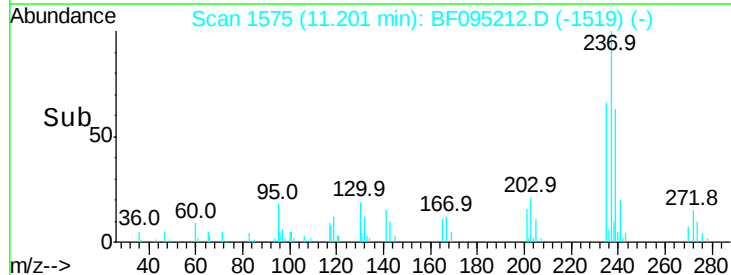
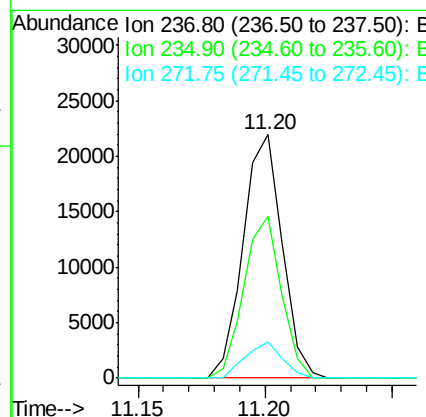
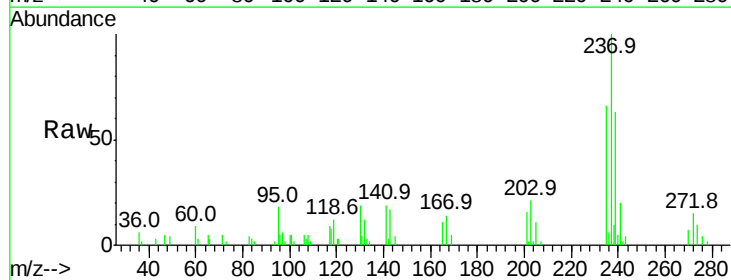
RT: 11.20 min Scan# 1575

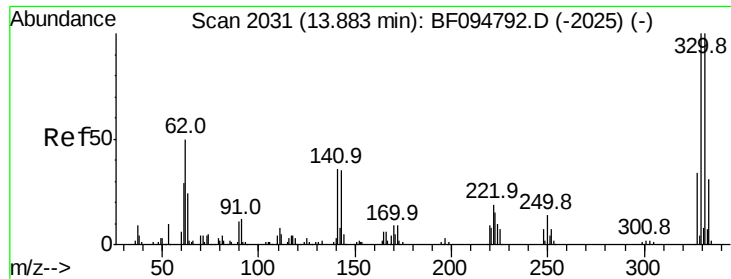
Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	23451		
235	66.2	42.6	82.6	
272	14.8	0.0	31.9	





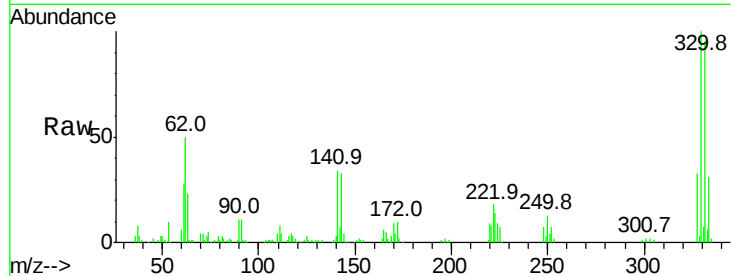
#41
 2,4,6-Tribromophenol
 Concen: 124.51 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	153841		
332	94.0	76.6	115.0	
141	37.4	31.4	47.2	

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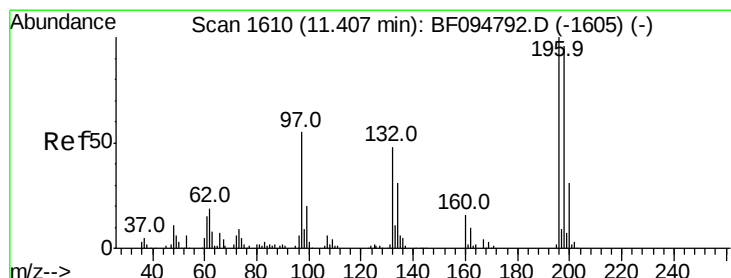
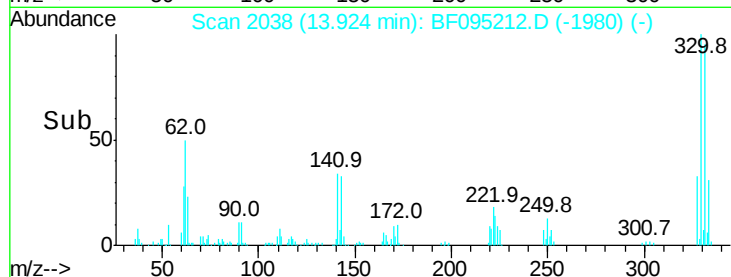
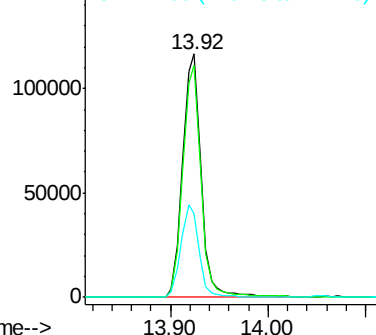


Abundance

Ion 329.80 (329.50 to 330.50): E

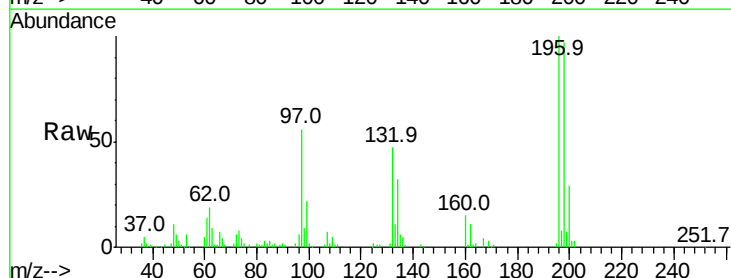
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.29 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	130996		
198	96.7	74.2	111.4	
200	29.2	24.0	36.0	

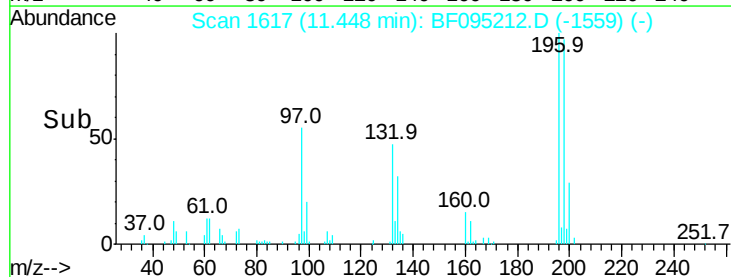
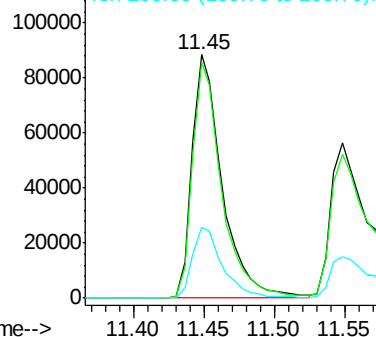


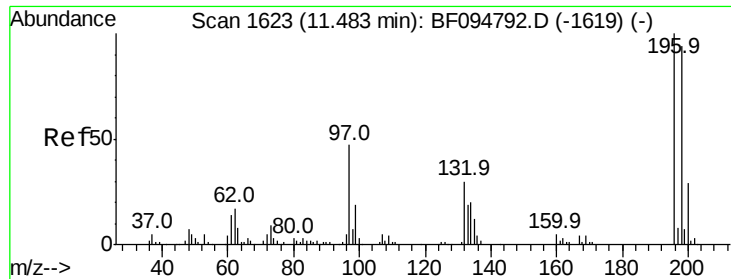
Abundance

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





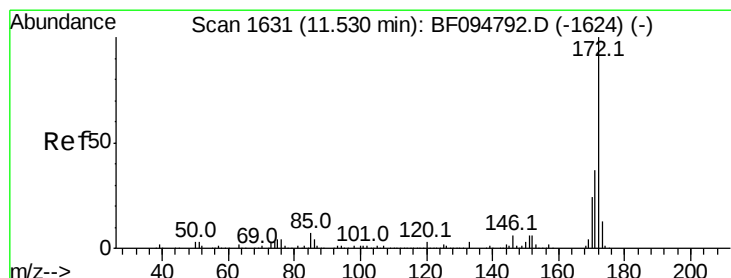
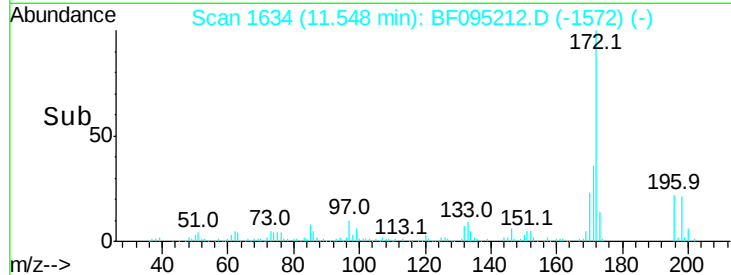
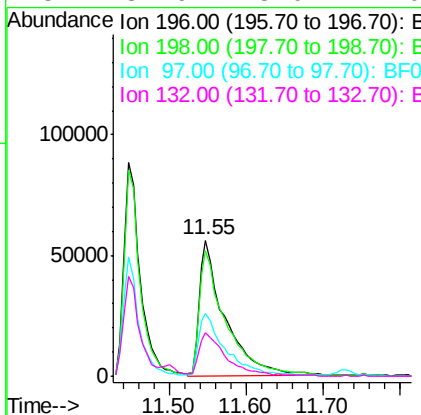
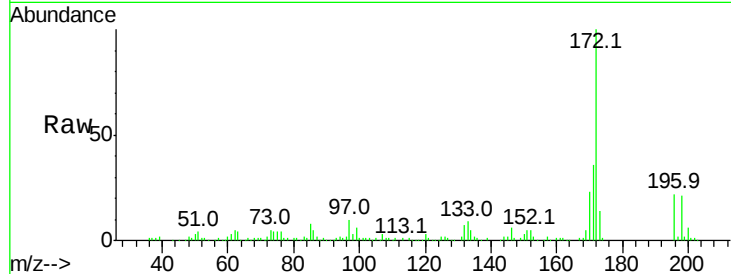
#43
 2,4,5-Trichlorophenol
 Concen: 38.78 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.06 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129105		
198	92.3	75.7	113.5	
97	45.7	47.7	71.5#	
132	31.6	28.0	42.0	

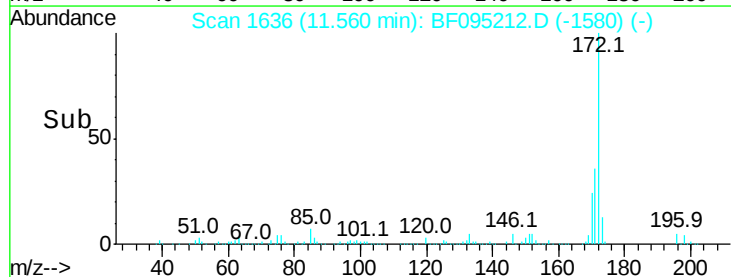
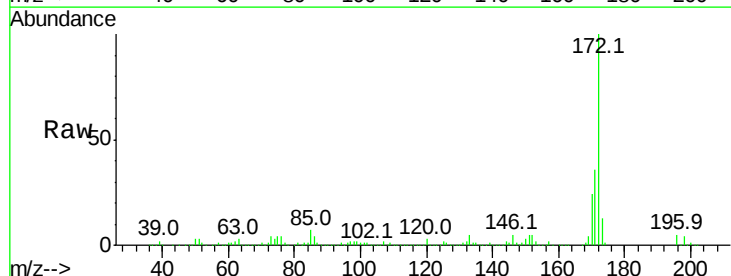
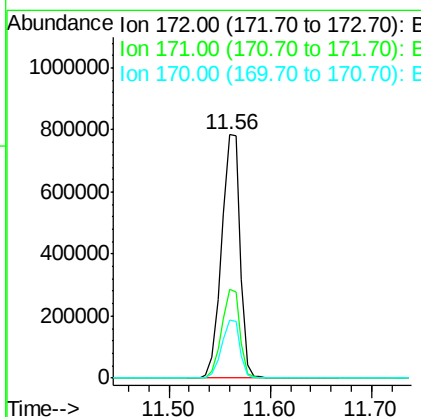
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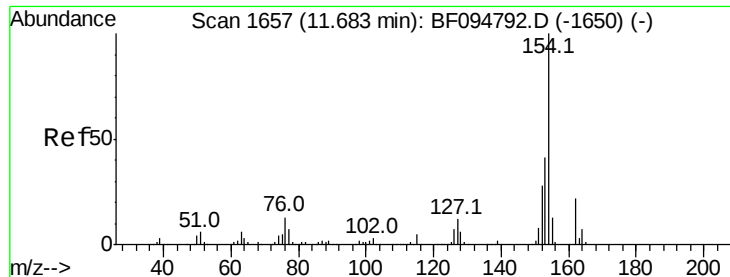
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#44
 2-Fluorobiphenyl
 Concen: 94.68 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	992469		
171	36.3	29.6	44.4	
170	23.6	19.8	29.8	





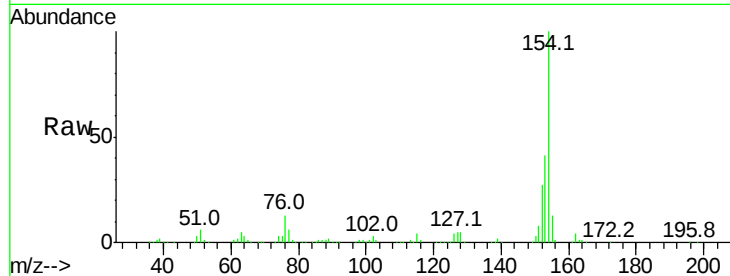
#45
 1,1'-Biphenyl
 Concen: 46.10 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.03 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

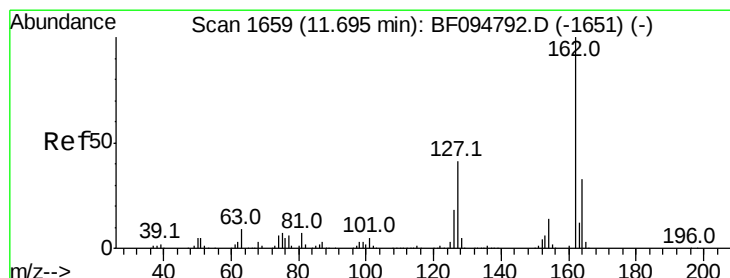
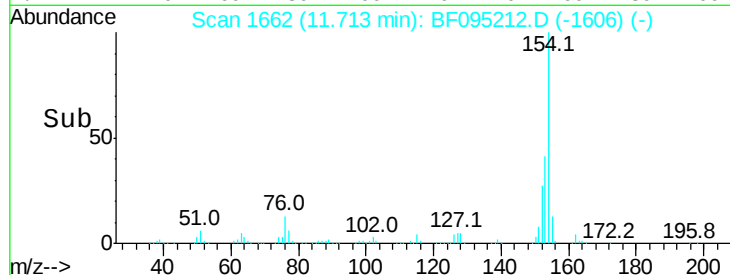
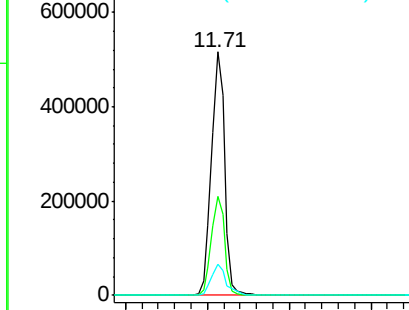
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.2	61.2	
76	13.0	0.0	29.9	

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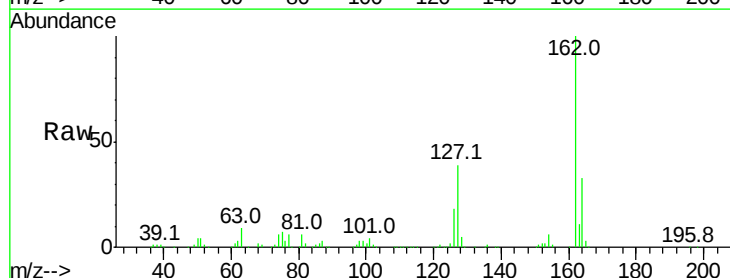


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

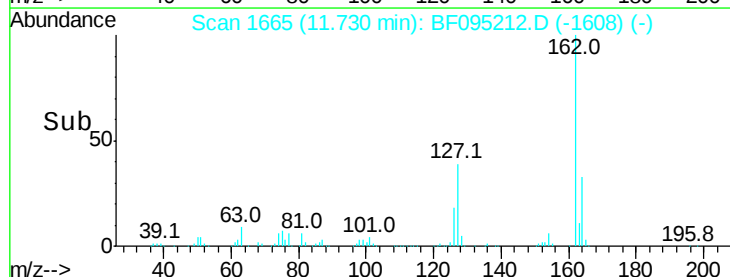
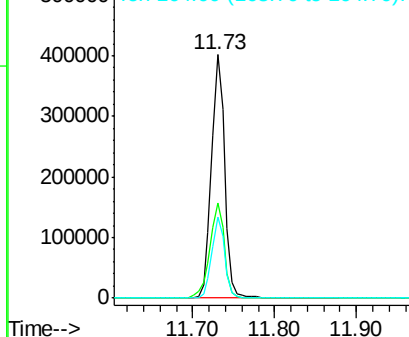


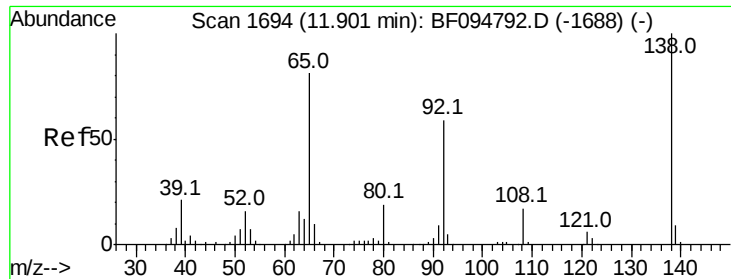
#46
 2-Chloronaphthalene
 Concen: 44.20 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.9	28.3	42.5	
164	33.3	27.0	40.4	



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





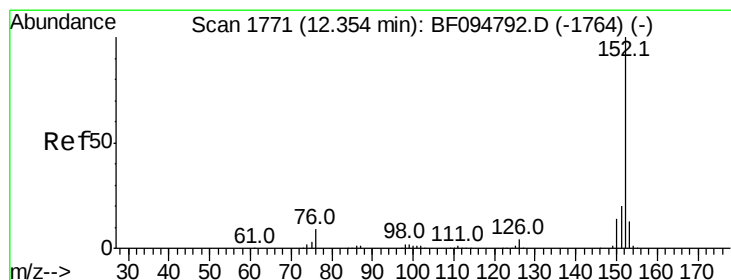
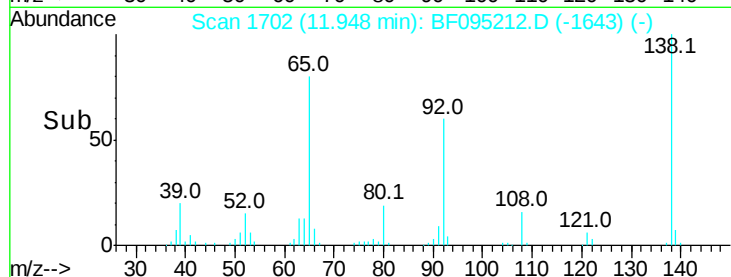
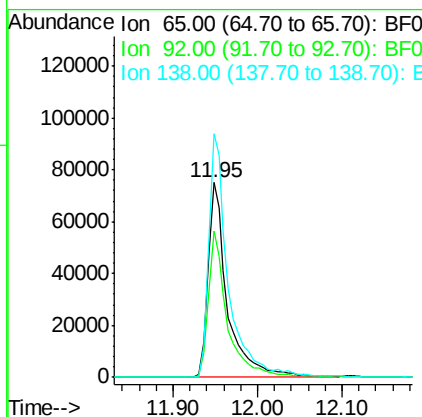
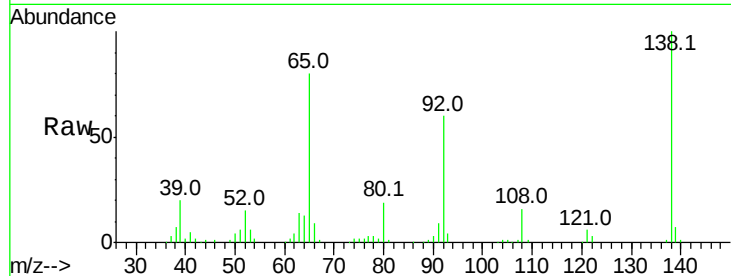
#47
2-Nitroaniline
Concen: 43.50 ng
RT: 11.95 min Scan# 1702
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.0	53.9	80.9
138	125.1	78.8	118.2

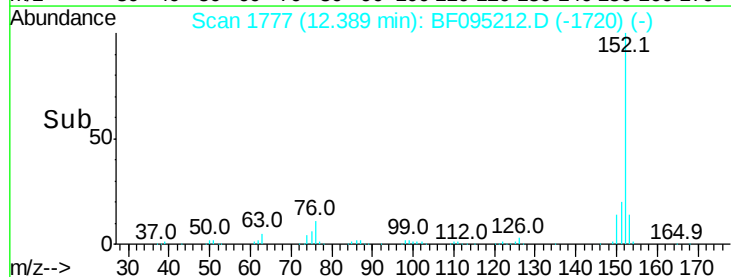
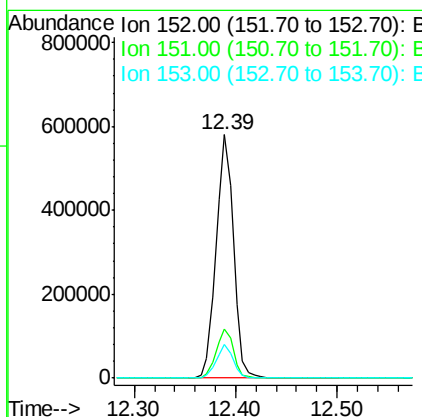
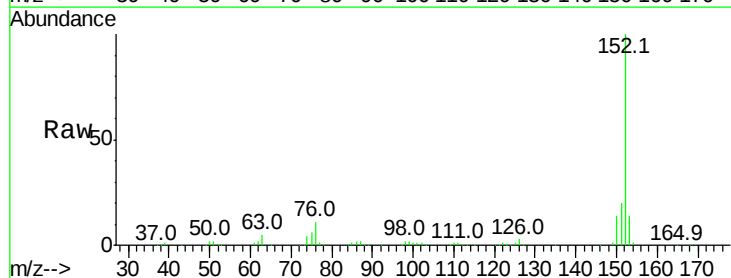
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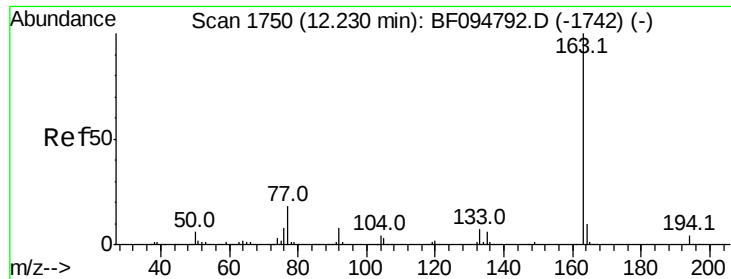
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#48
Acenaphthylene
Concen: 43.13 ng
RT: 12.39 min Scan# 1777
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.6	10.8	16.2





#49

Dimethylphthalate

Concen: 43.02 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

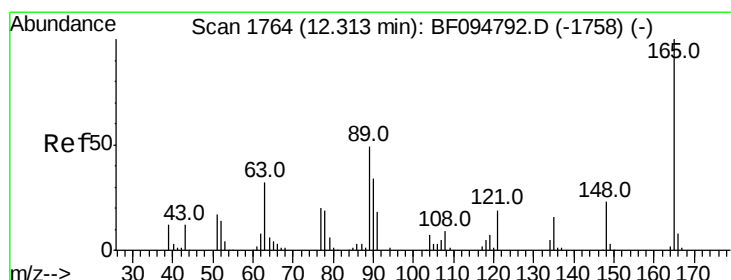
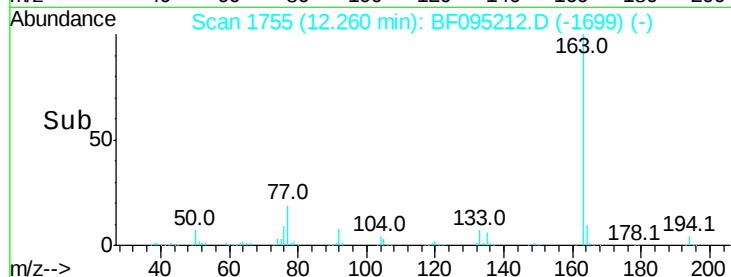
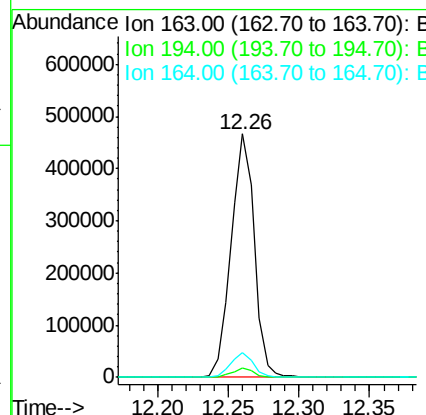
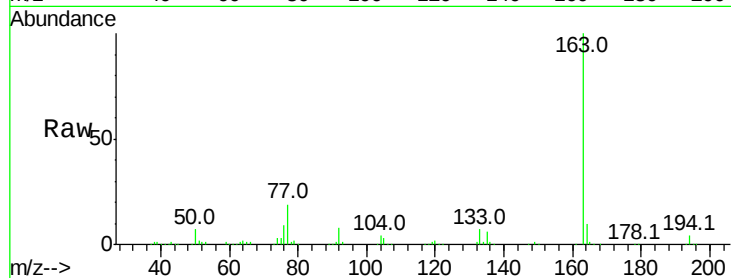
ClientSampleId :

PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	532841		
194	3.7		2.6	4.0
164	10.3		8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 43.42 ng

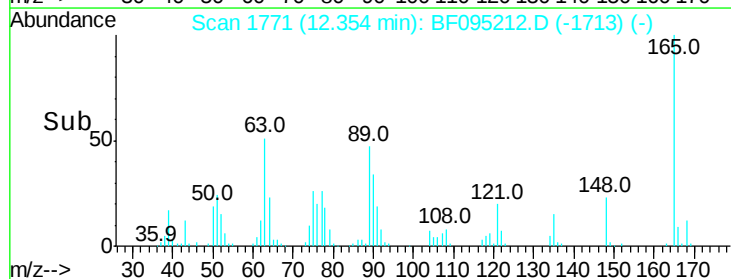
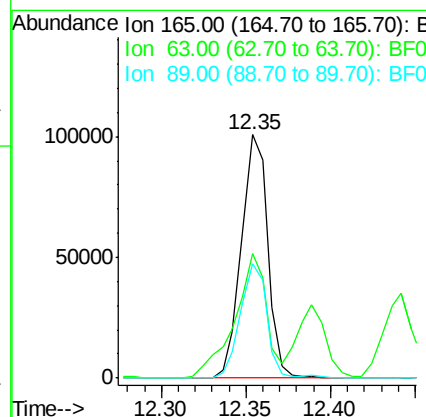
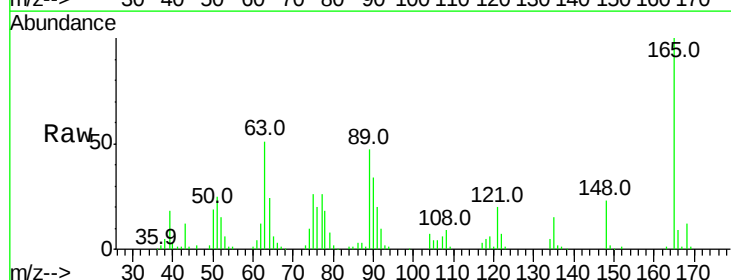
RT: 12.35 min Scan# 1771

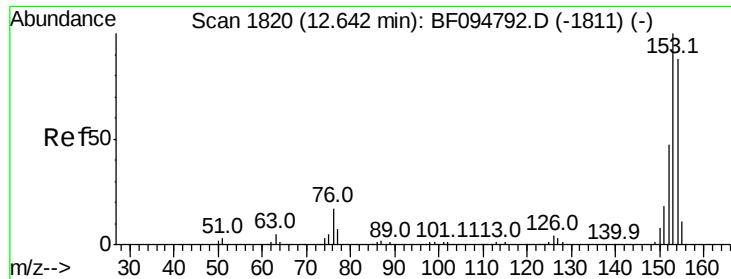
Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109705		
63	51.4		34.3	51.5
89	47.1		37.1	55.7





#51

Acenaphthene

Concen: 41.29 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

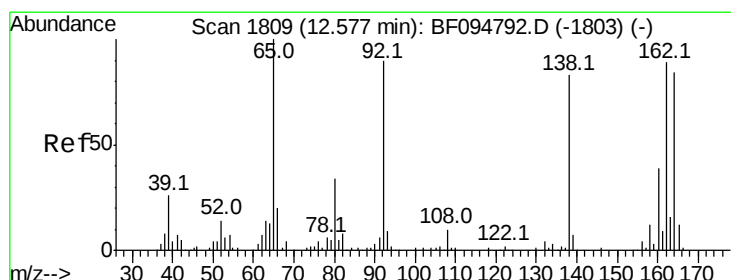
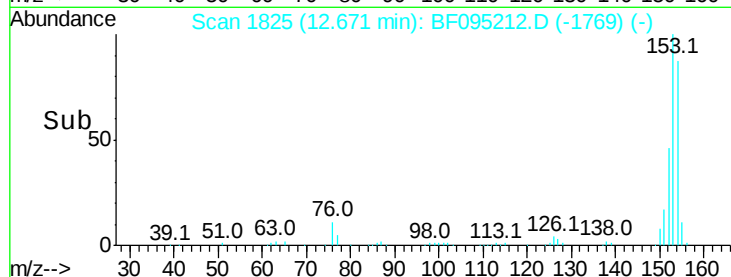
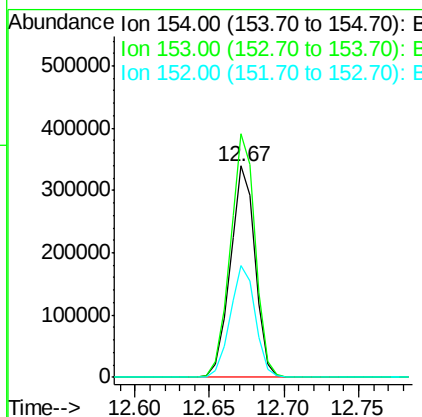
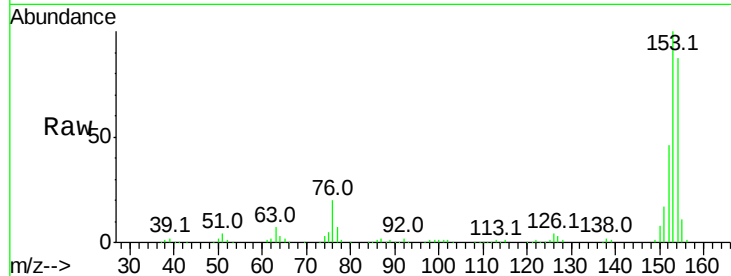
ClientSampled :

PB99041BS

Tot Ion:	154	Resp:	396227
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.5	135.7
152	52.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 26.71 ng

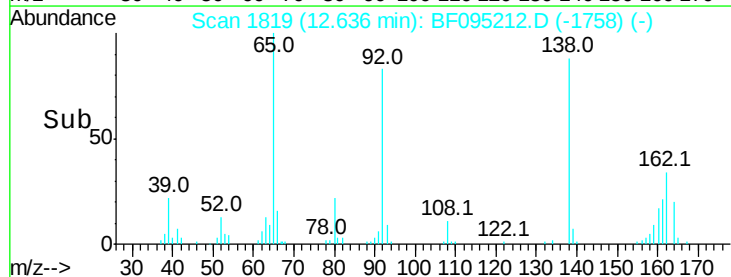
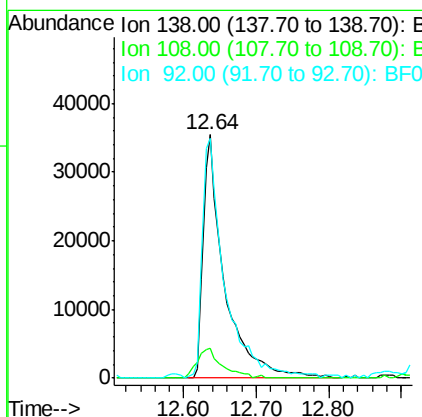
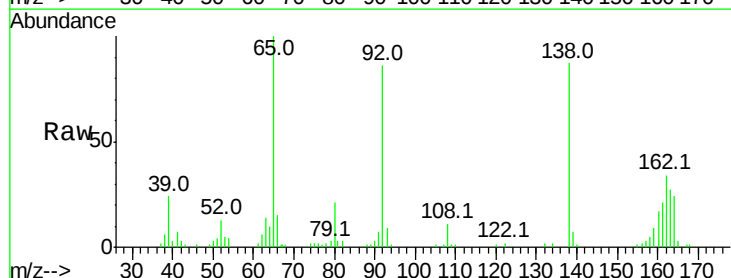
RT: 12.64 min Scan# 1819

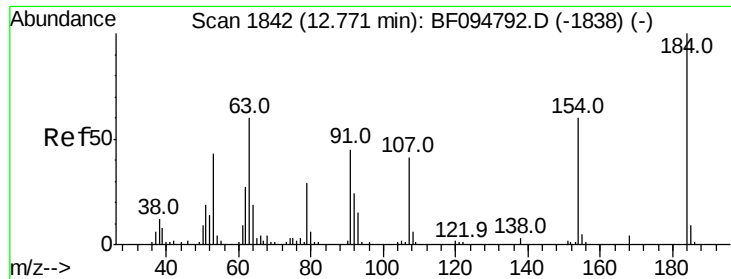
Delta R.T. 0.06 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:	138	Resp:	72453
Ion Ratio	Lower	Upper	
138	100		
108	12.3	9.1	13.7
92	98.6	93.8	140.6





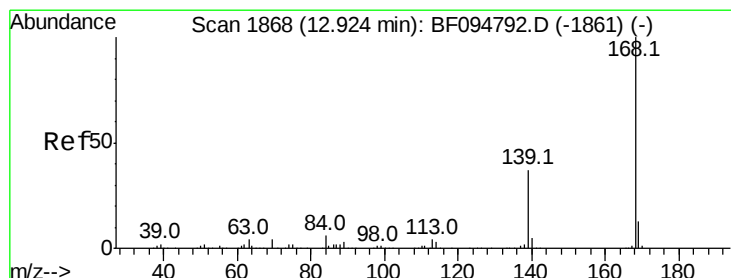
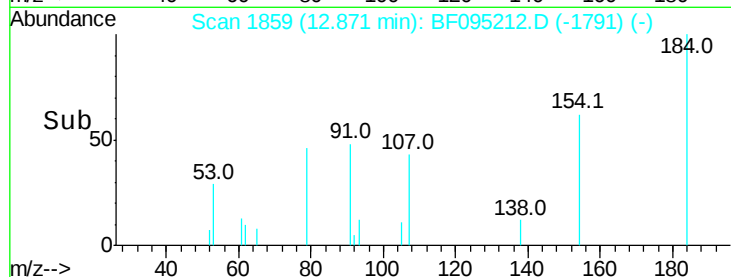
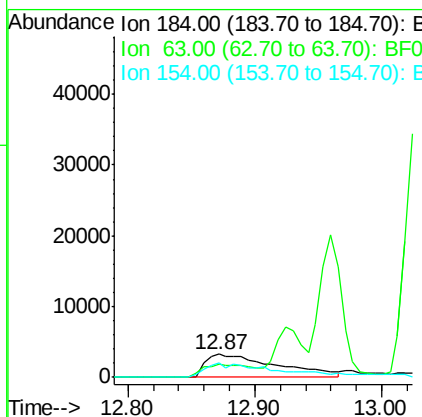
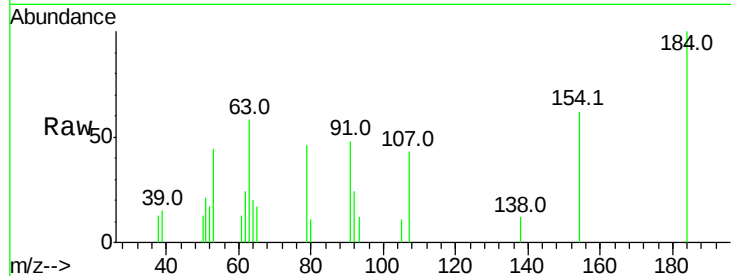
#53
 2,4-Dinitrophenol
 Concen: 14.62 ng
 RT: 12.87 min Scan# 1859
 Delta R.T. 0.10 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleID :
 PB99041BS

Tot Ion:184 Resp: 12635
 Ion Ratio Lower Upper
 184 100
 63 57.9 62.7 94.1#
 154 62.2 81.1 121.7#

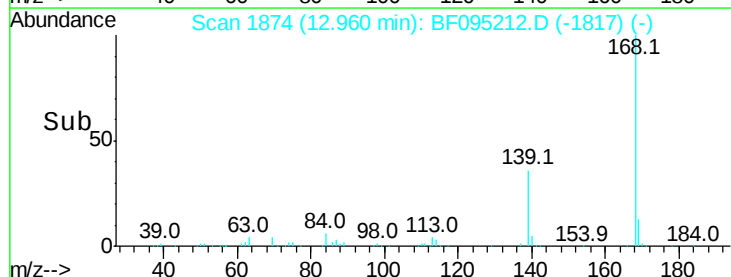
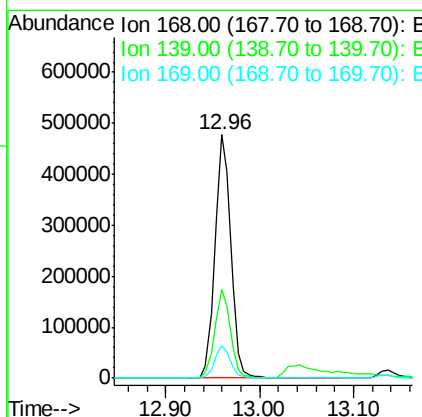
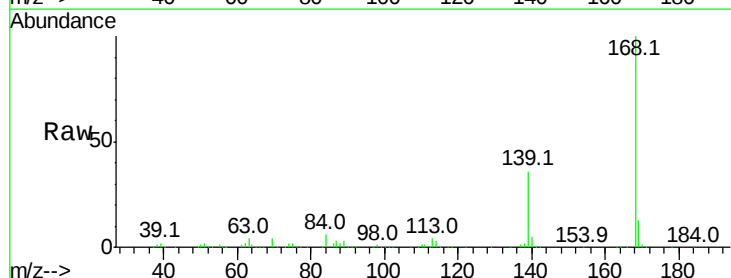
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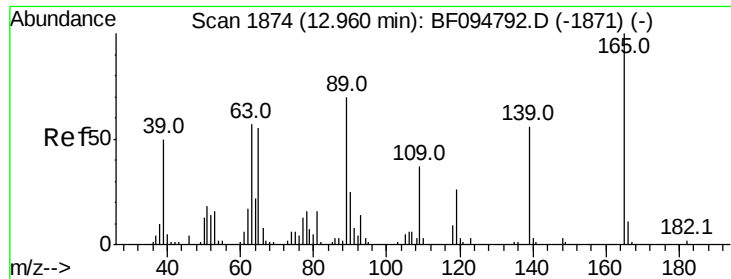
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#54
 Dibenzofuran
 Concen: 43.03 ng
 RT: 12.96 min Scan# 1874
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion:168 Resp: 571378
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.6 45.8
 169 13.3 10.8 16.2





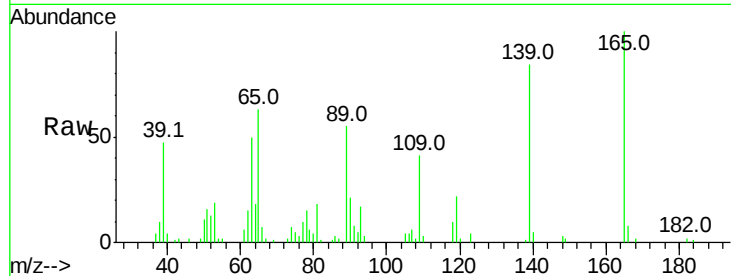
#55
4-Nitrophenol
Concen: 56.63 ng/ml
RT: 13.04 min Scan# 1888
Delta R.T. 0.08 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampled :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	49.0	34.1	74.1	
65	74.2	31.4	71.4	

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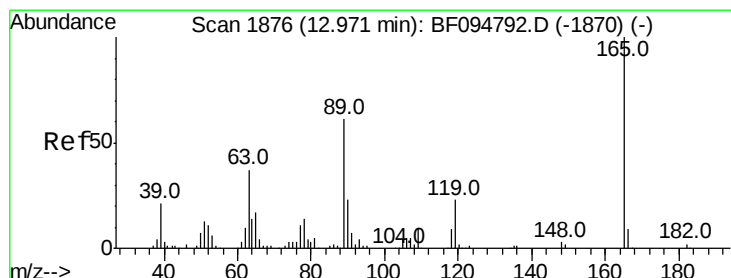
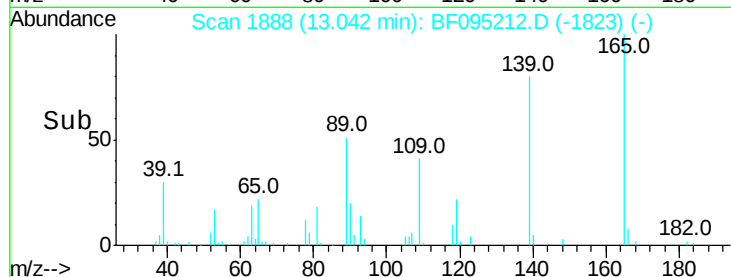
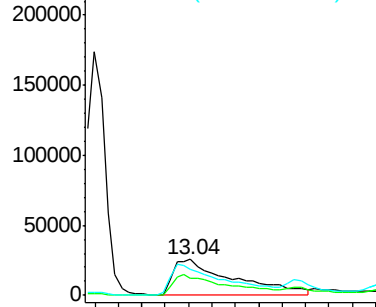


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 39.28 ng/ml
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.3	25.4	38.0	
89	56.5	46.4	69.6	
182	2.5	1.8	2.6	

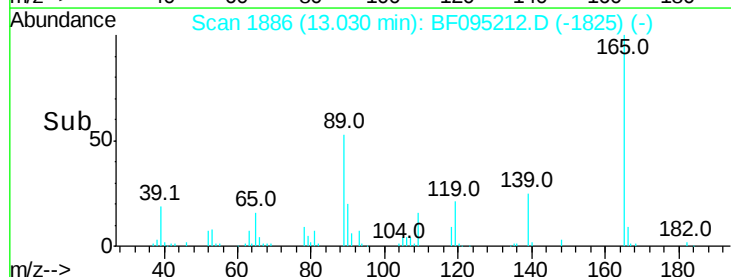
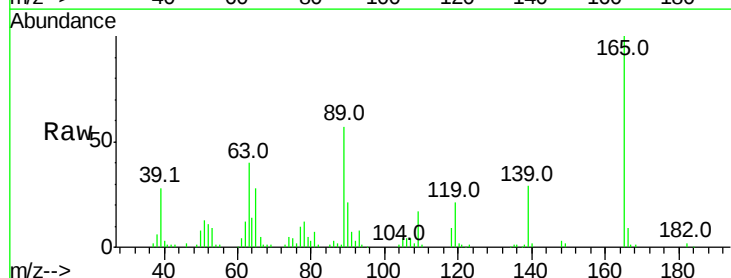
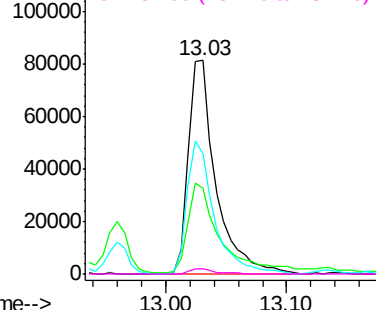
Abundance

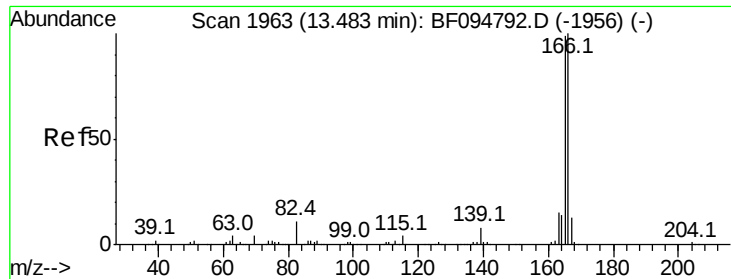
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.77 ng

RT: 13.52 min Scan# 1969

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

ClientSampleId :

PB99041BS

Tot Ion:166 Resp: 470738

Ion Ratio Lower Upper

166 100

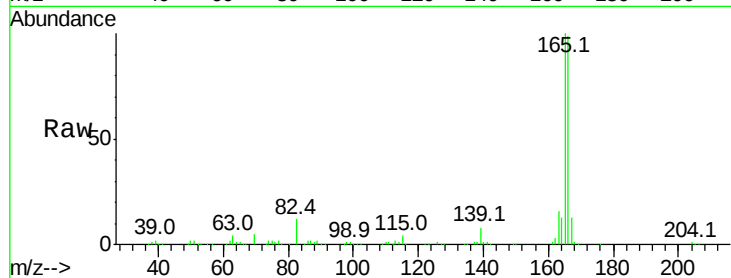
165 101.5 78.8 118.2

167 13.2 10.6 16.0

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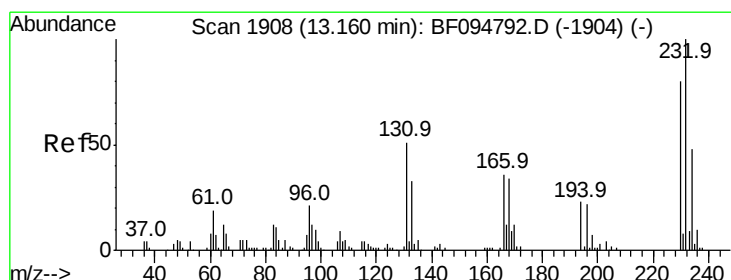
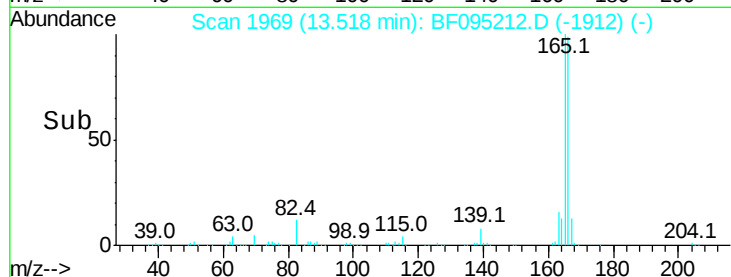
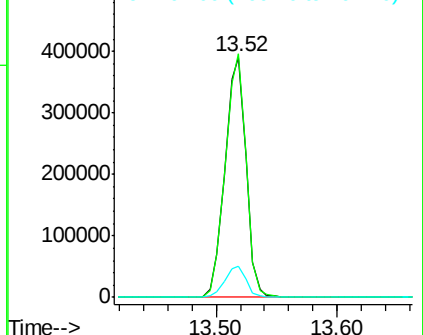
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.48 ng

RT: 13.21 min Scan# 1916

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:232 Resp: 93204

Ion Ratio Lower Upper

232 100

131 46.8 44.8 67.2

130 2.3 2.3 3.5#

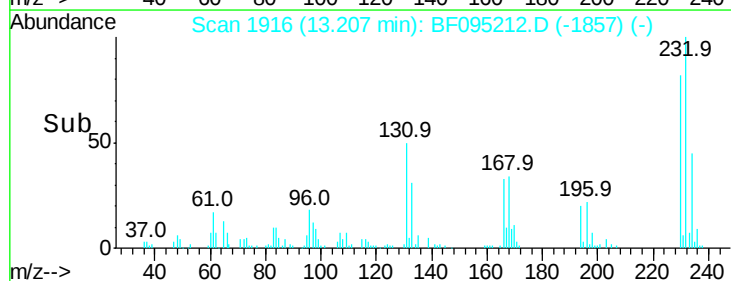
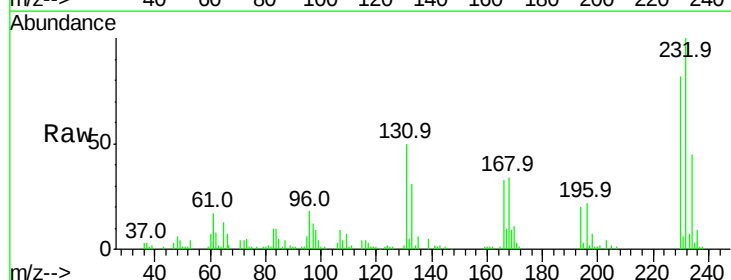
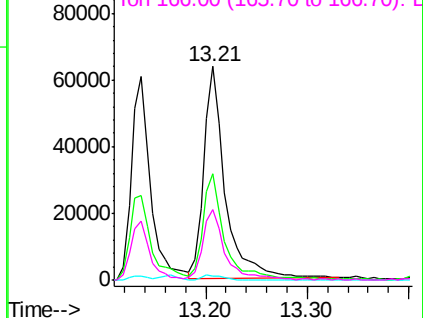
166 34.5 29.0 43.4

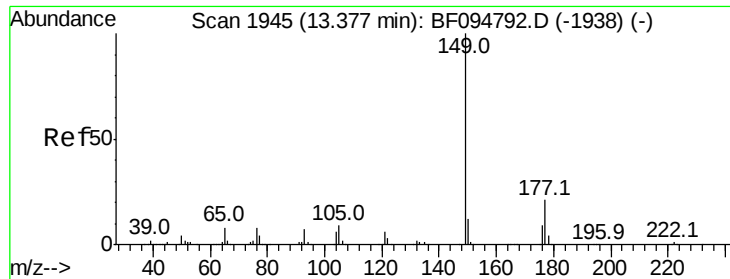
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





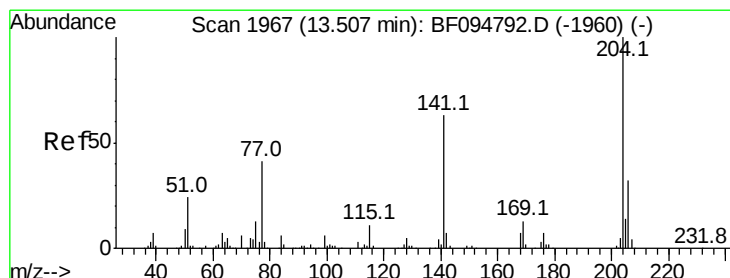
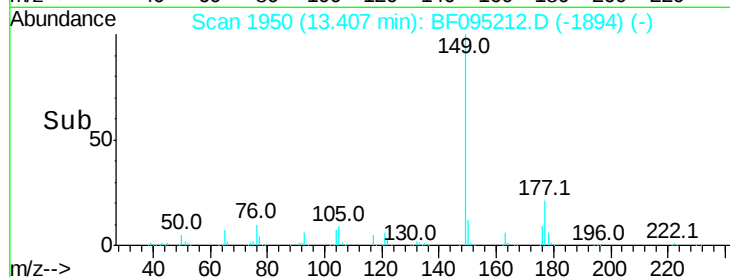
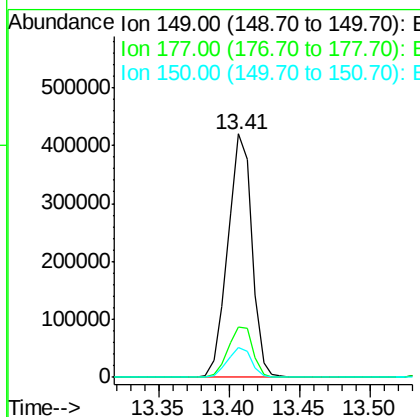
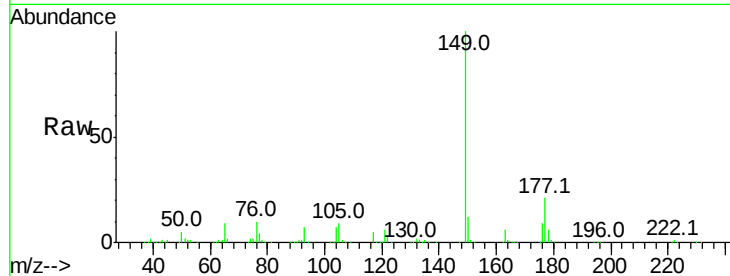
#59
Diethylphthalate
Concen: 42.07 ng
RT: 13.41 min Scan# 1950
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampled :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	499461		
177	20.6	16.7	25.1	
150	12.1	10.2	15.2	

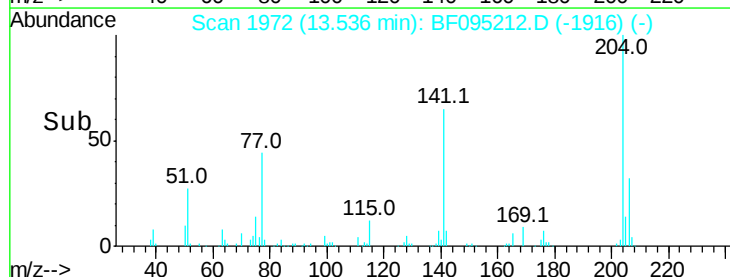
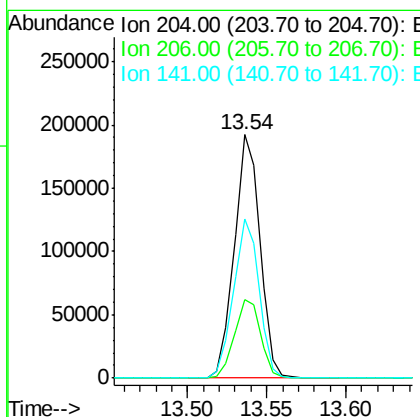
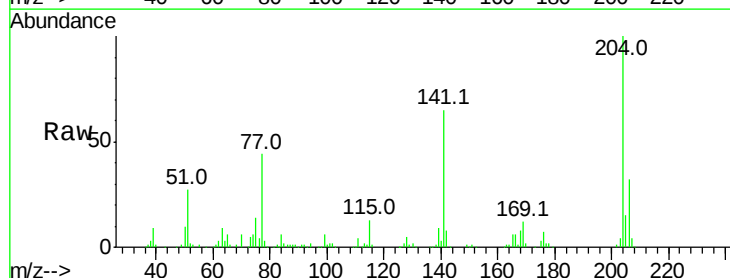
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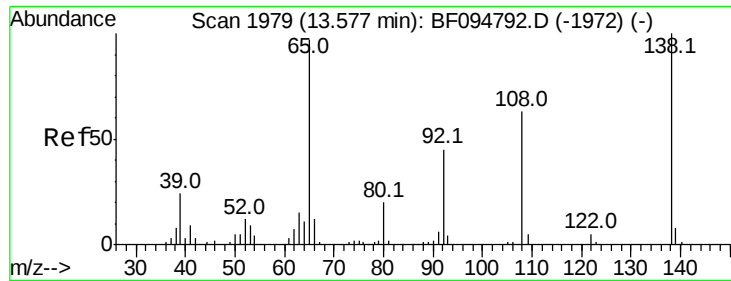
mohammad
5/18/2017 2:30:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.41 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	215185		
206	32.4	26.2	39.2	
141	65.2	60.8	91.2	





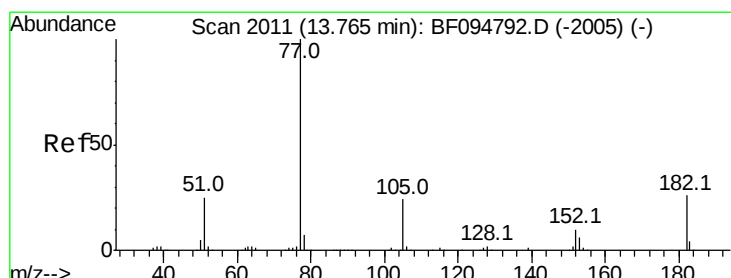
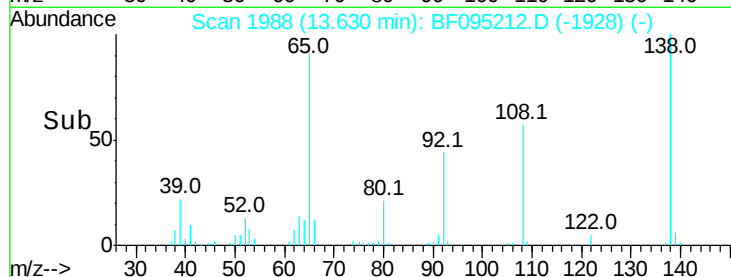
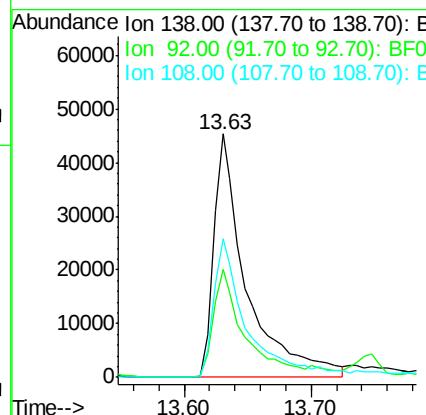
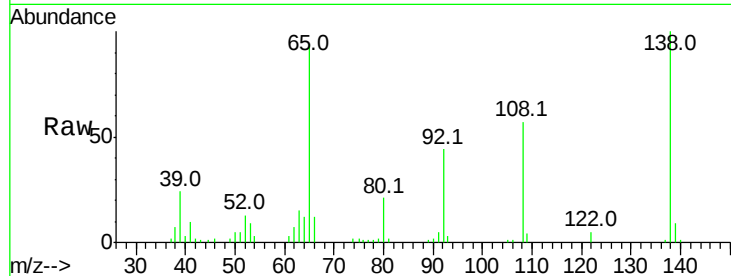
#61
4-Nitroaniline
Concen: 32.74 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.2	21.8	61.8
108	57.2	42.3	82.3

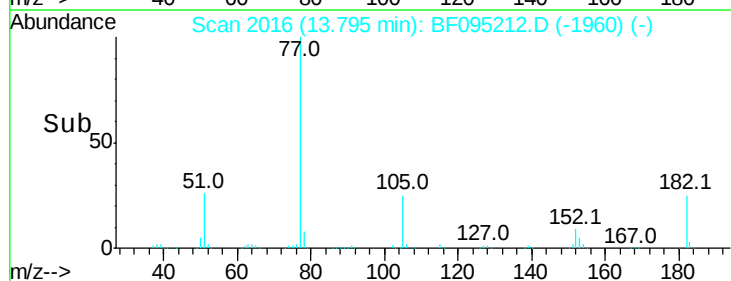
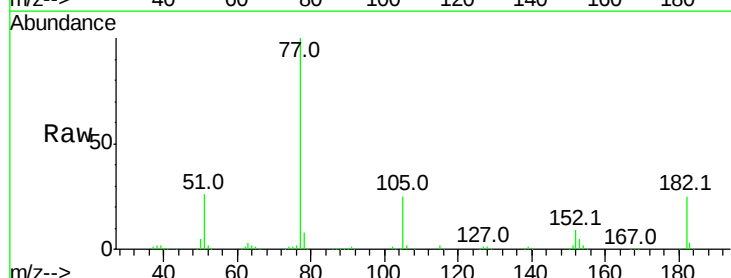
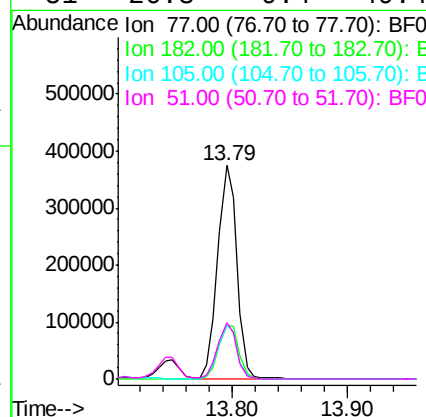
Manual Integrations
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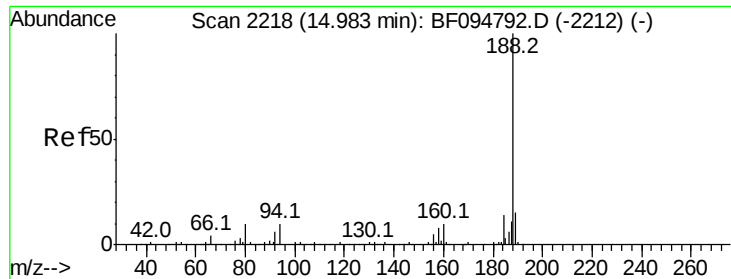
mohammad
5/18/2017 2:30:04 PM



#62
Azobenzene
Concen: 45.68 ng
RT: 13.79 min Scan# 2016
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	0.1	40.1
105	25.3	3.6	43.6
51	26.3	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

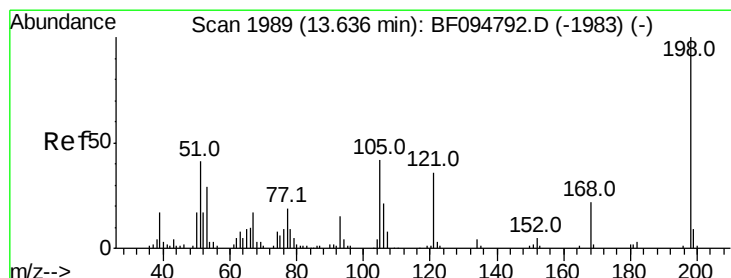
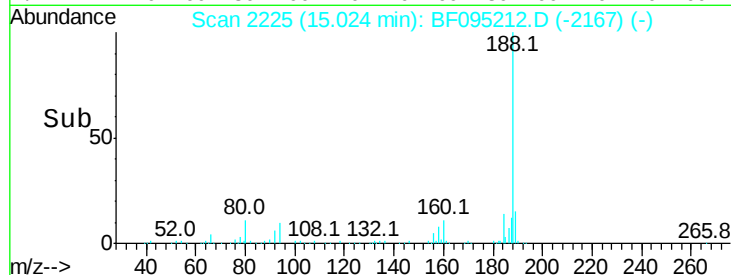
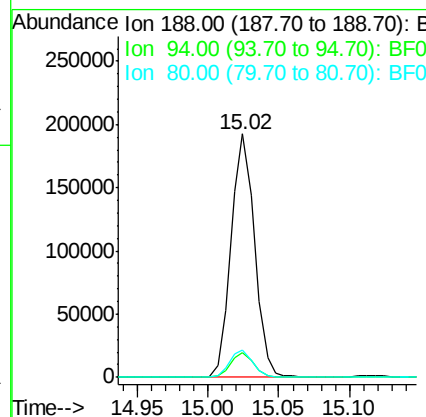
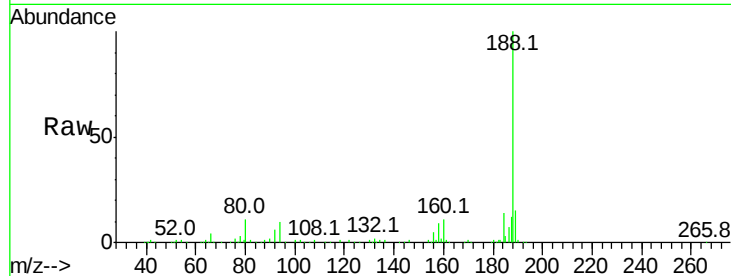
ClientSampleId :

PB99041BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	9.4	14.2
80	11.3	10.2	15.2

Manual Integrations
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mohammad
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#64

4,6-Dinitro-2-methylphenol

Concen: 10.38 ng

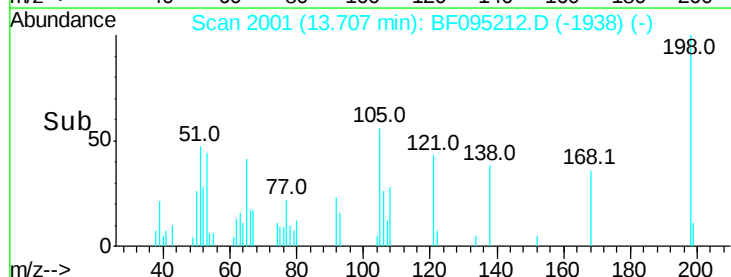
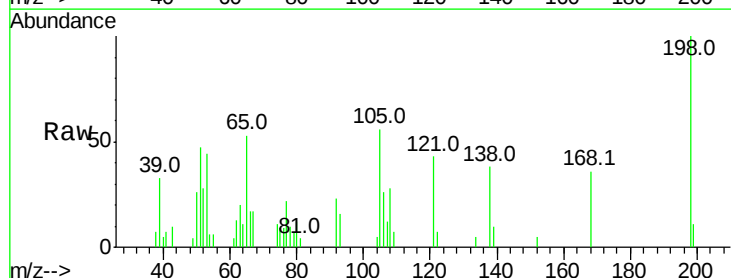
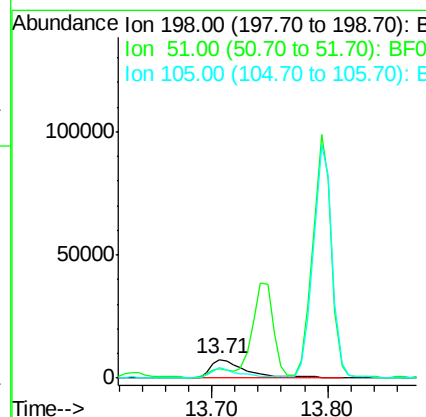
RT: 13.71 min Scan# 2001

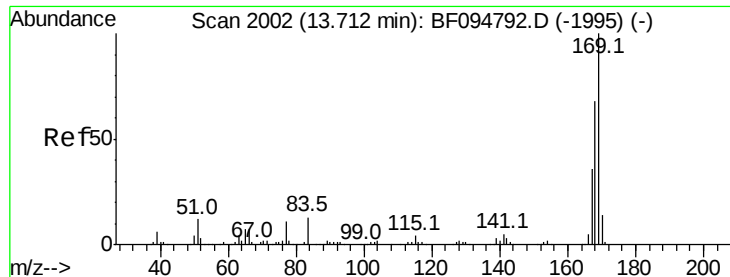
Delta R.T. 0.07 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	47.4	53.2	93.2#
105	56.3	45.8	85.8





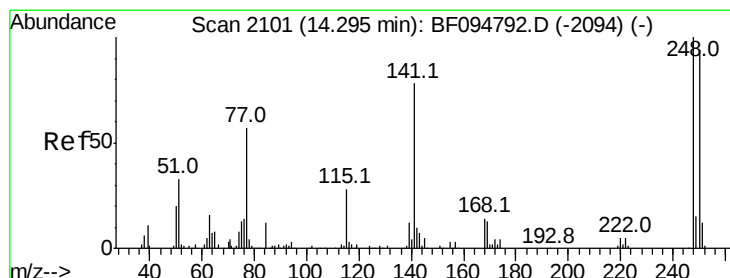
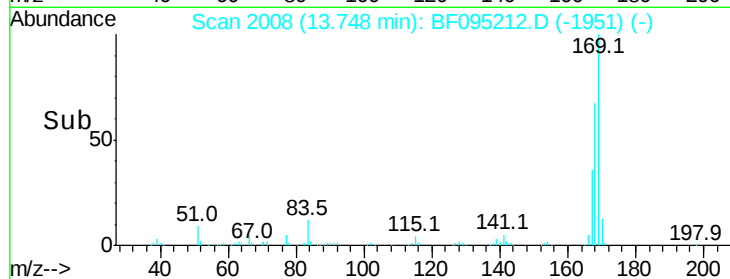
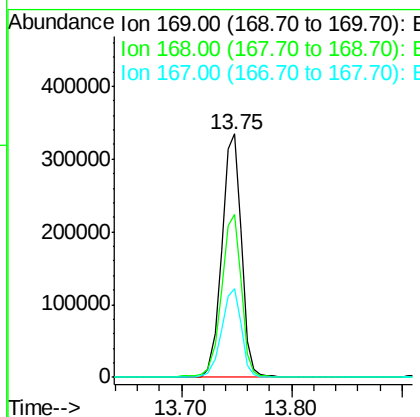
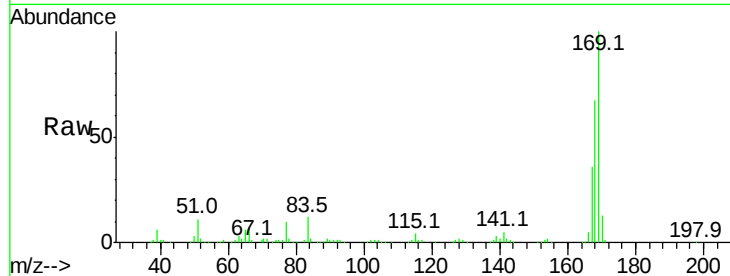
#65
n-Nitrosodiphenylamine
Concen: 51.17 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.7	53.2	79.8	
167	36.4	29.5	44.3	

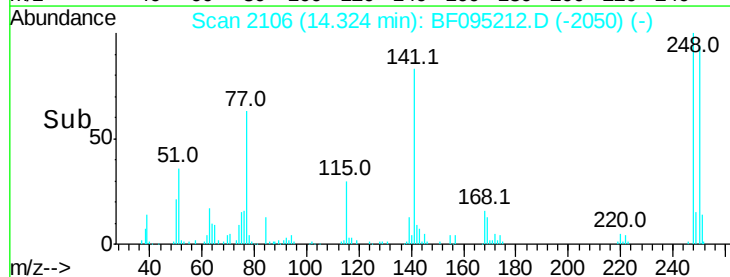
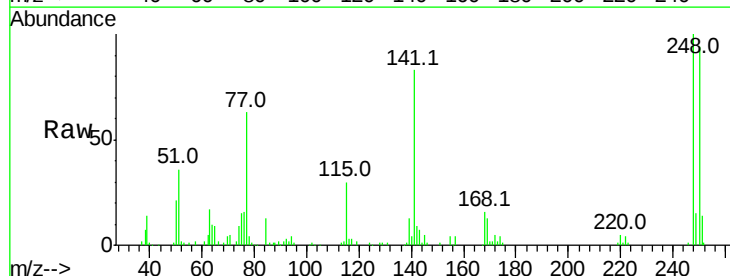
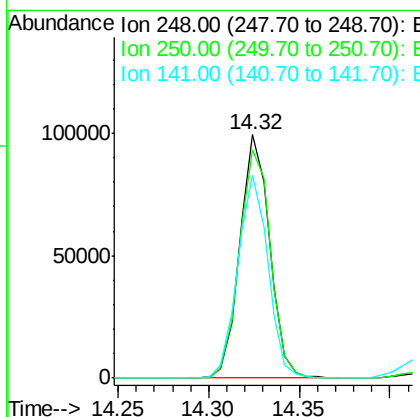
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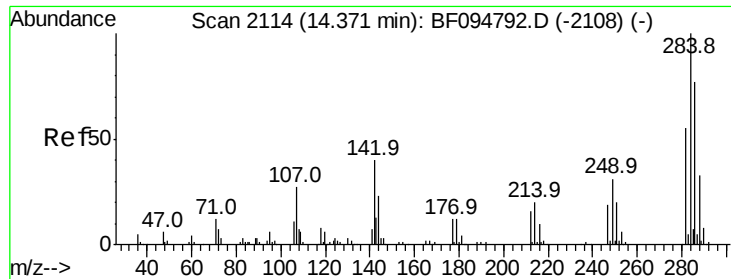
mohammad
5/18/2017 2:30:04 PM



#66
4-Bromophenyl-phenylether
Concen: 48.10 ng
RT: 14.32 min Scan# 2106
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	93.7	76.8	115.2	
141	83.2	68.6	103.0	





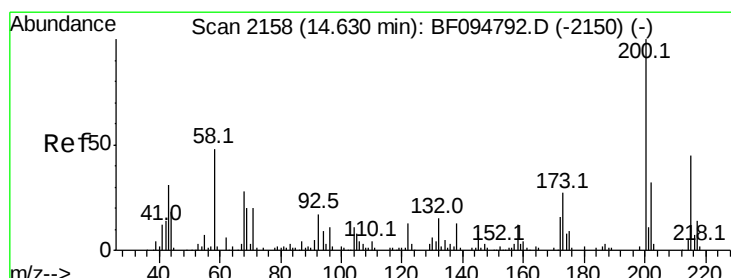
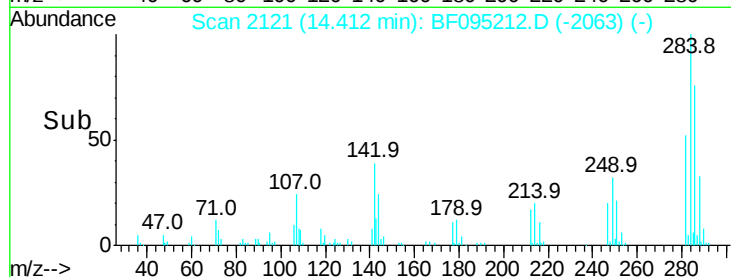
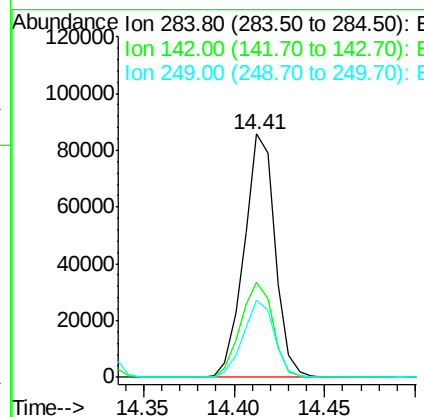
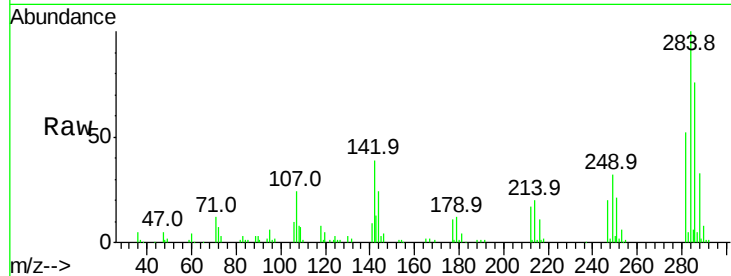
#67
Hexachlorobenzene
Concen: 42.13 ng
RT: 14.41 min Scan# 2121
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.1	22.8	34.2	
249	31.9	24.0	36.0	

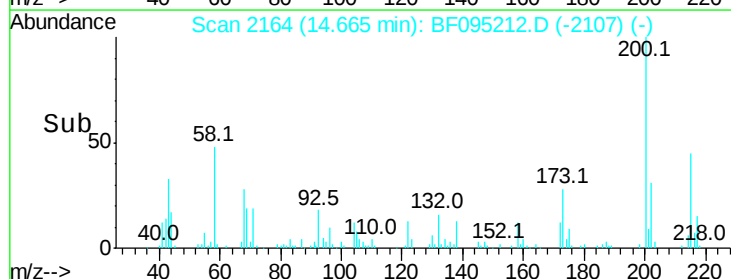
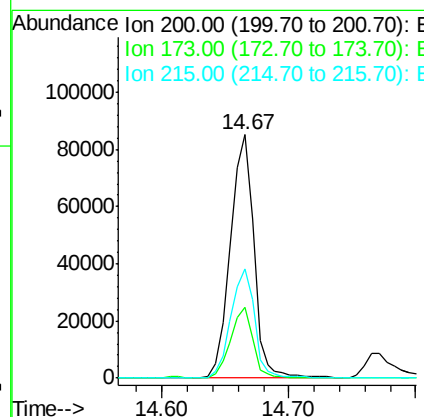
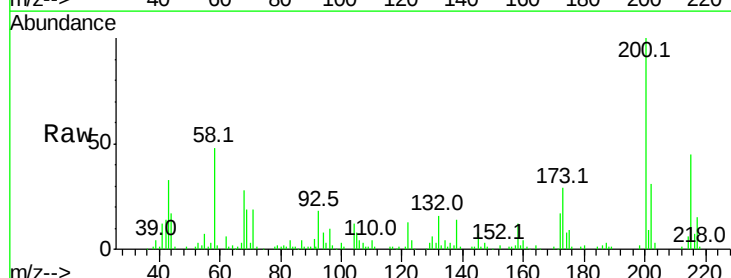
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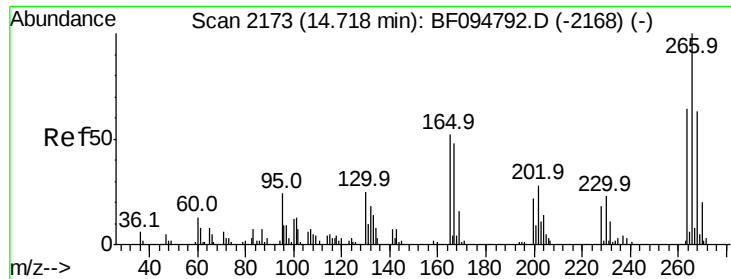
mohammad
5/18/2017 2:30:04 PM



#68
Atrazine
Concen: 48.11 ng
RT: 14.67 min Scan# 2164
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.9	6.3	46.3	
215	44.6	27.2	67.2	





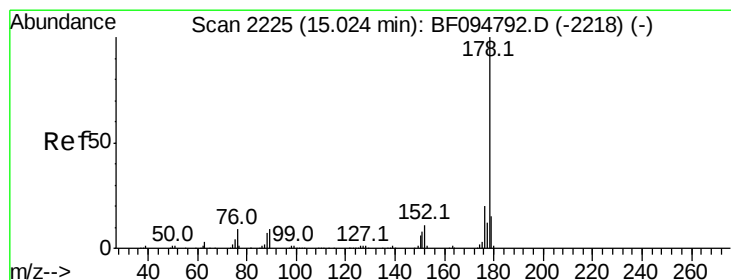
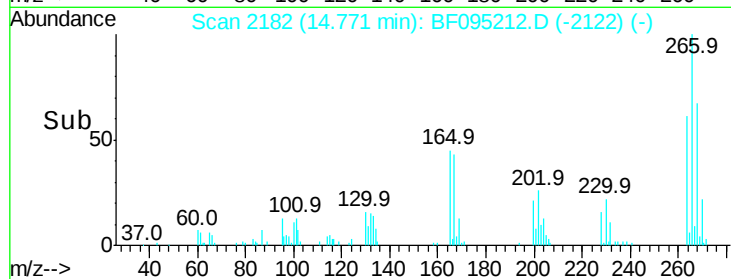
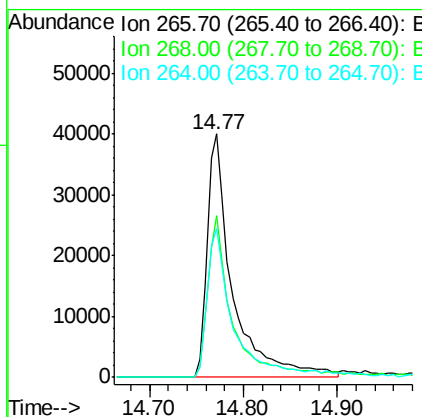
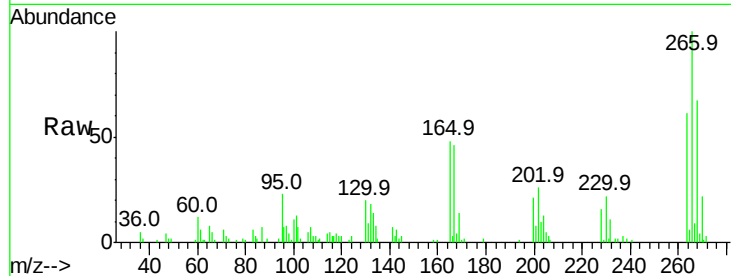
#69
 Pentachlorophenol
 Concen: 69.85 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	61.0	51.7	77.5

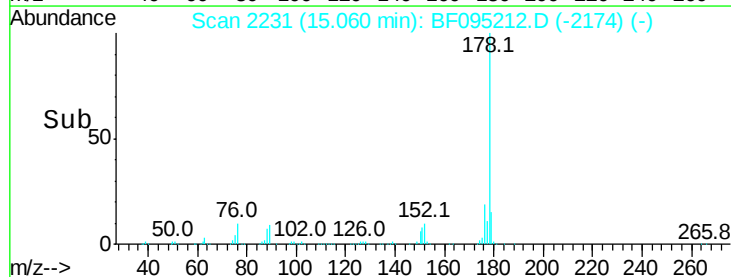
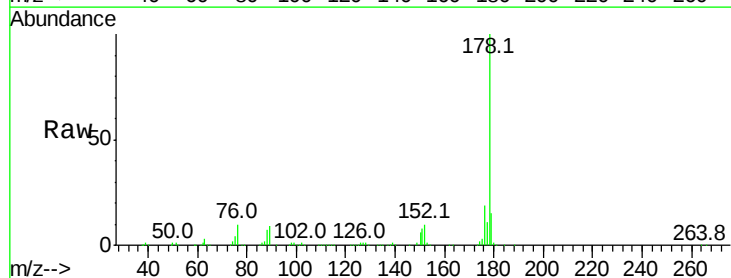
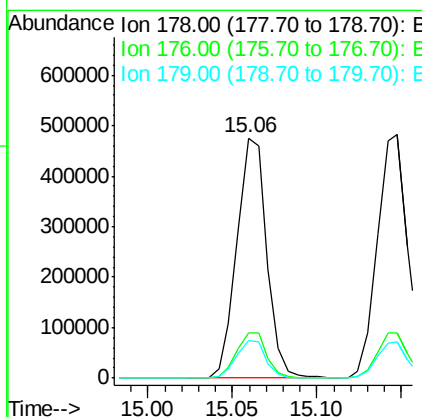
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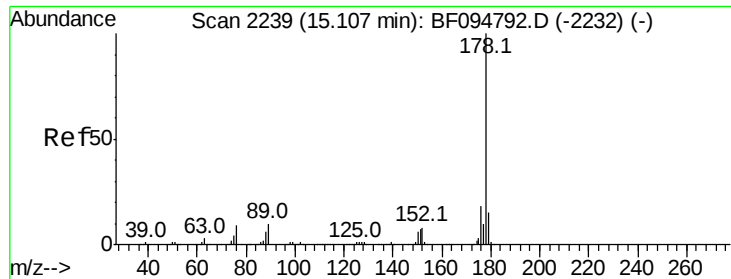
mohammad
 5/18/2017 2:30:04 PM



#70
 Phenanthrene
 Concen: 45.76 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.5	12.6	19.0





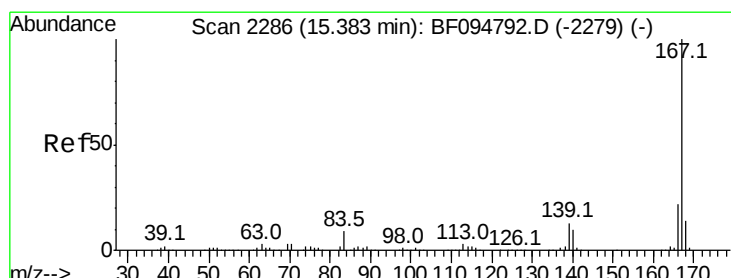
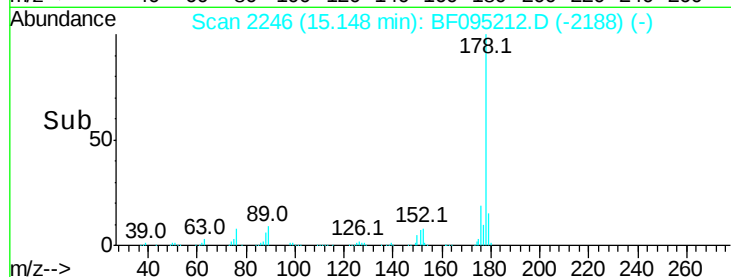
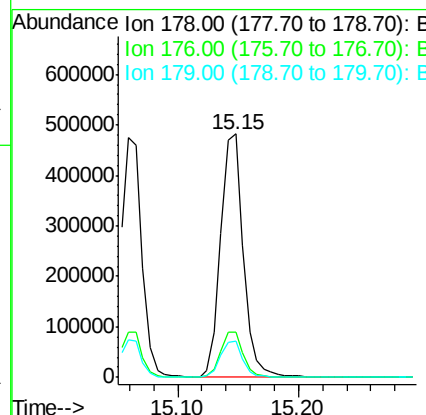
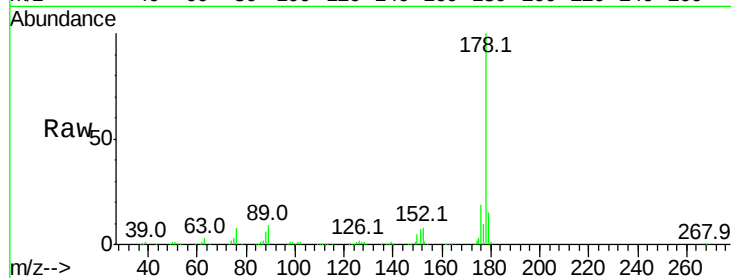
#71
 Anthracene
 Concen: 47.73 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.9	12.7	19.1

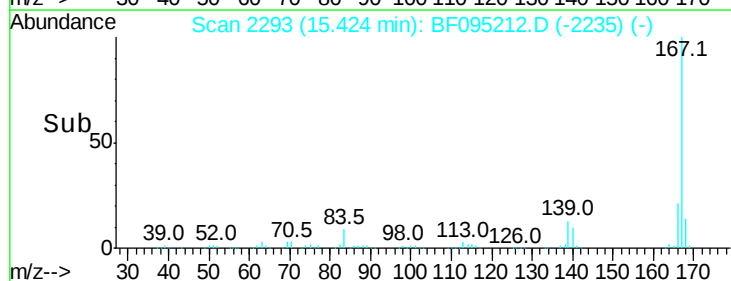
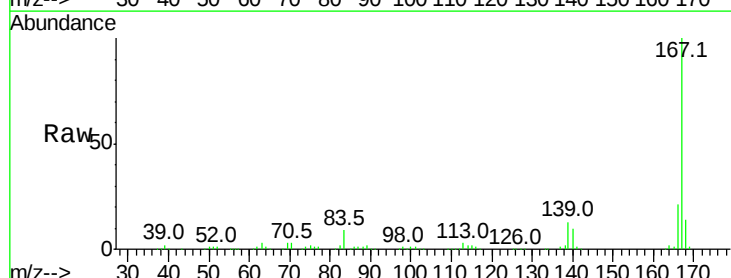
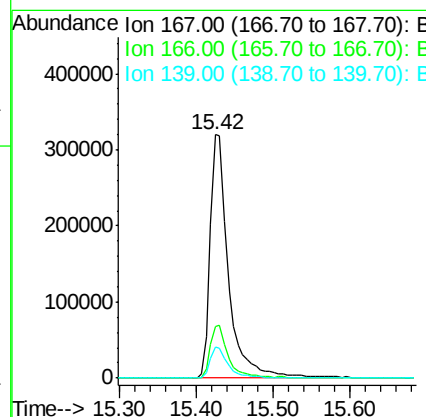
Manual Integrations
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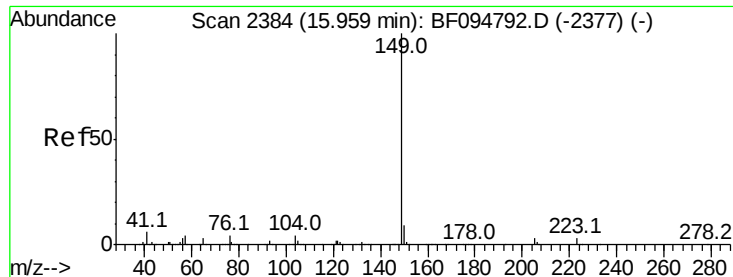
mohammad
 5/18/2017 2:30:04 PM



#72
 Carbazole
 Concen: 44.57 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.8	11.7	17.5





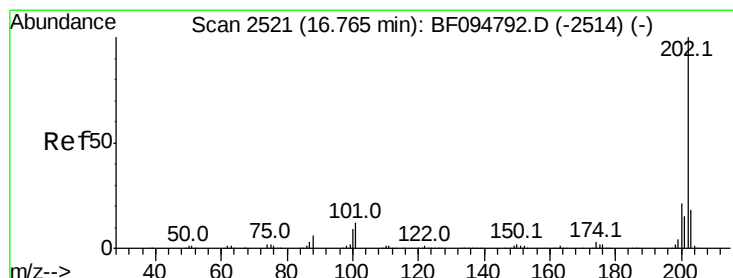
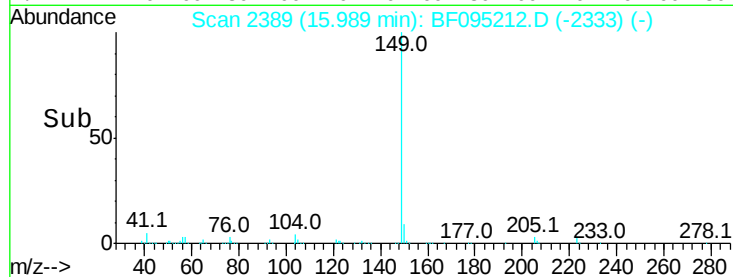
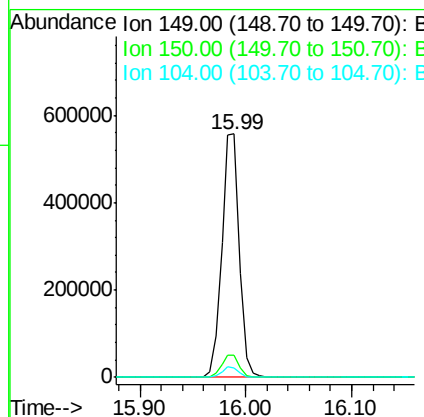
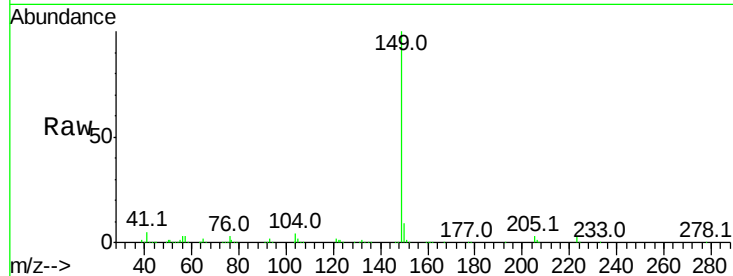
#73
Di-n-butylphthalate
Concen: 43.79 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.0	7.7	11.5	
104	4.0	4.0	6.0	

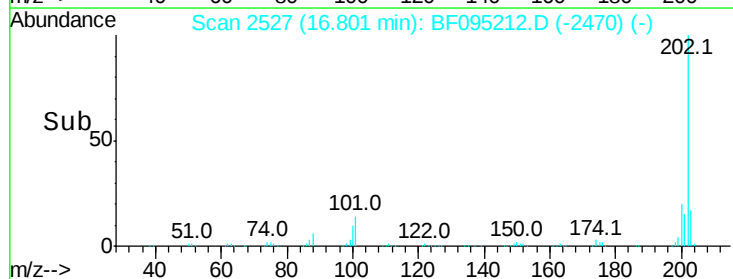
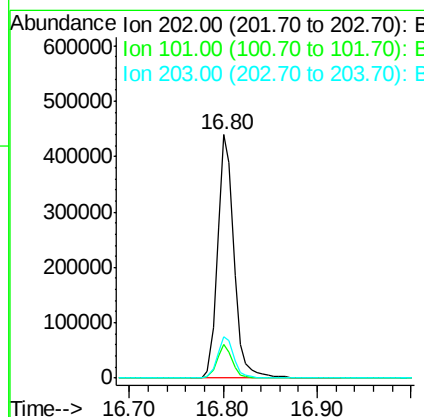
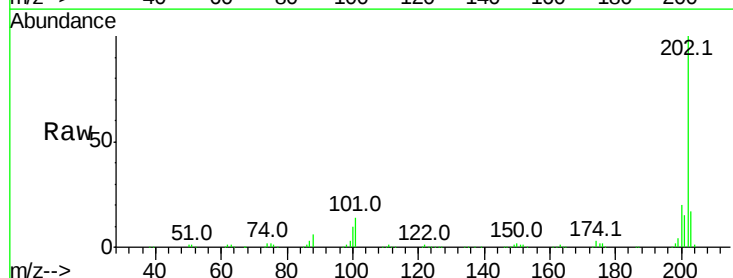
Manual Integrations
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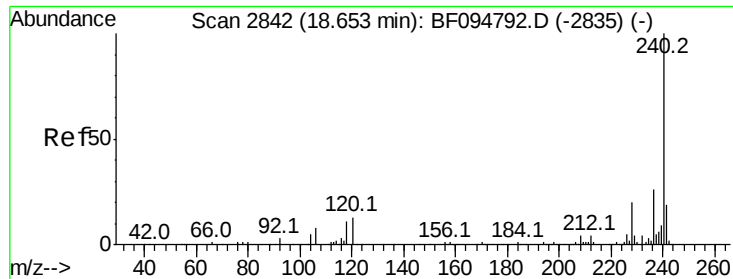
mohammad
5/18/2017 2:30:04 PM



#74
Fluoranthene
Concen: 41.16 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.6	0.0	33.2	
203	17.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

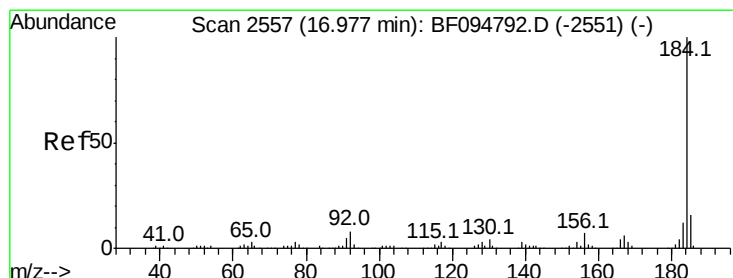
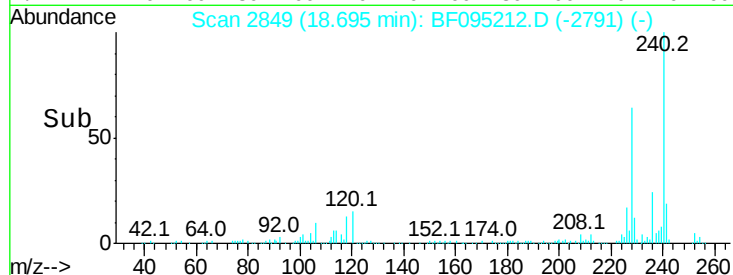
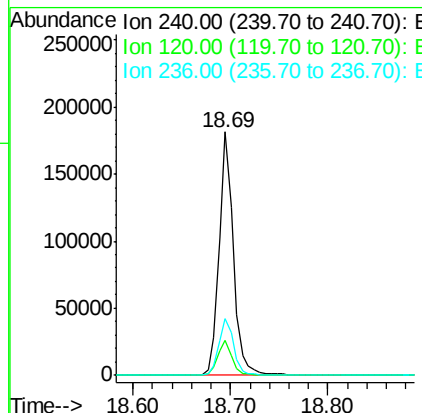
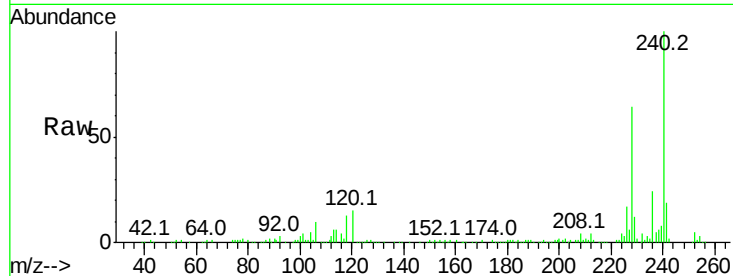
ClientSampleId :

PB99041BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	23.5	20.5	30.7

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#76

Benzidine

Concen: 60.90 ng

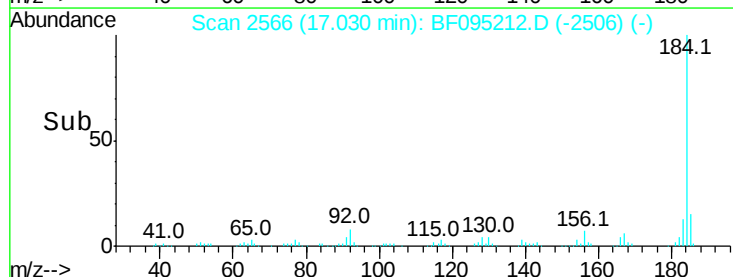
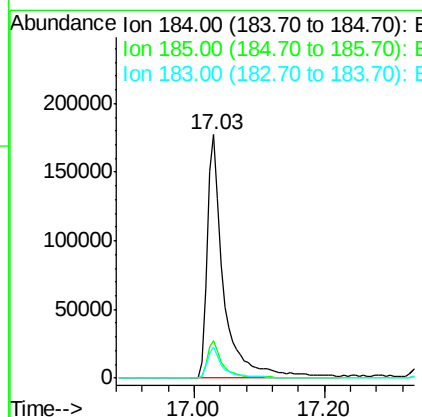
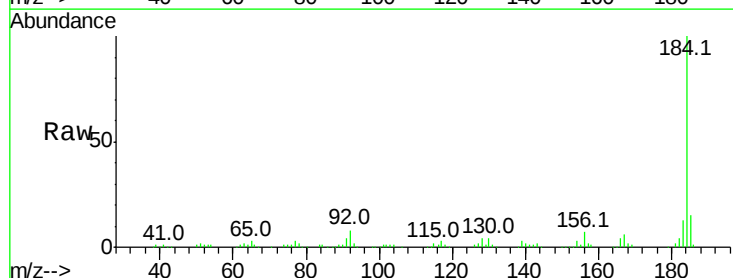
RT: 17.03 min Scan# 2566

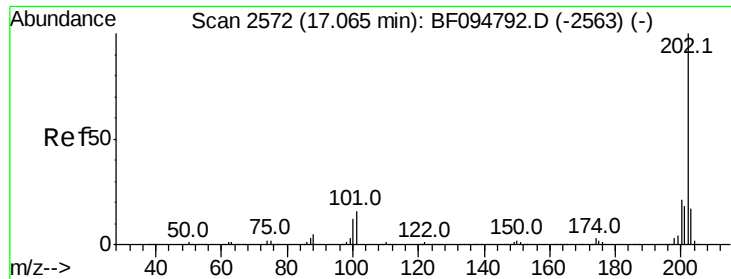
Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	15.5	23.3#
183	12.7	9.8	14.6





#77

Pvrene

Concen: 41.58 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.04 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

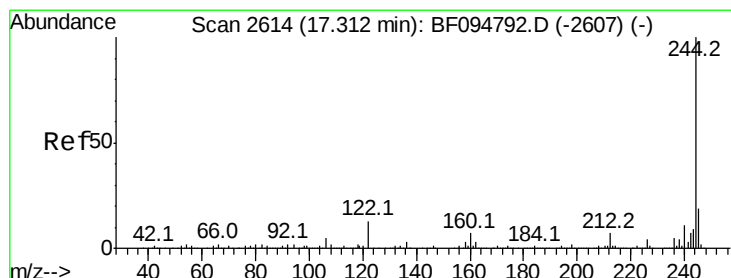
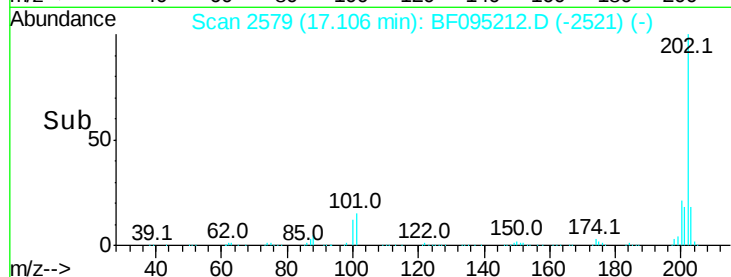
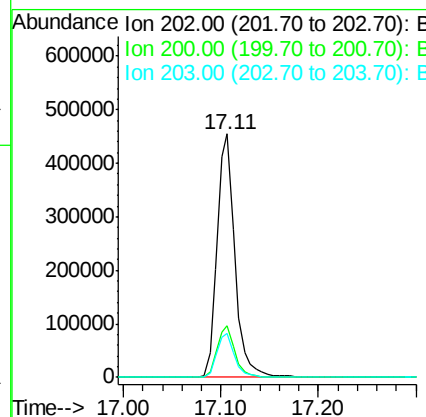
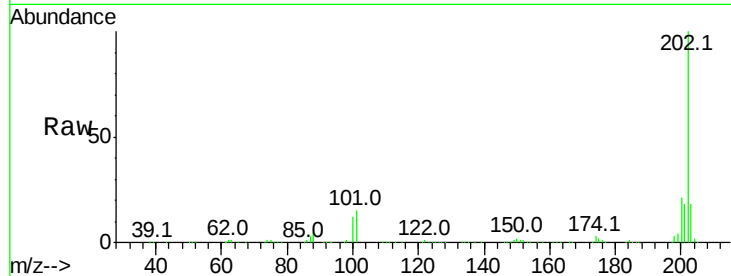
ClientSampleId :

PB99041BS

Tot Ion:	202	Resp:	574059
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	18.3	14.4	21.6

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#78

Terphenyl-d14

Concen: 82.38 ng

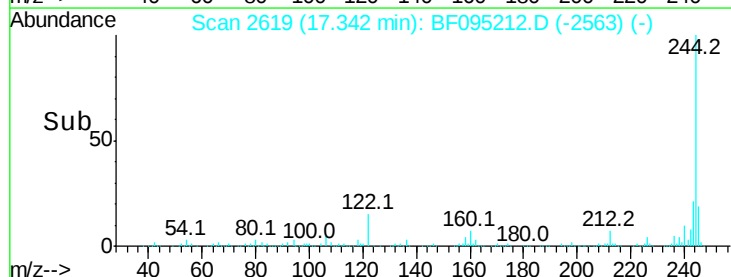
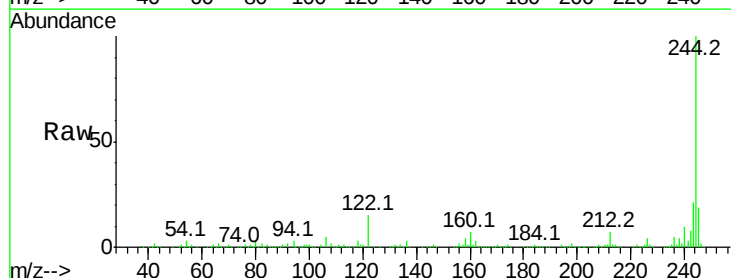
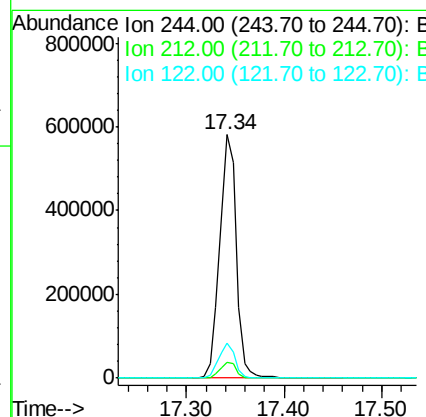
RT: 17.34 min Scan# 2619

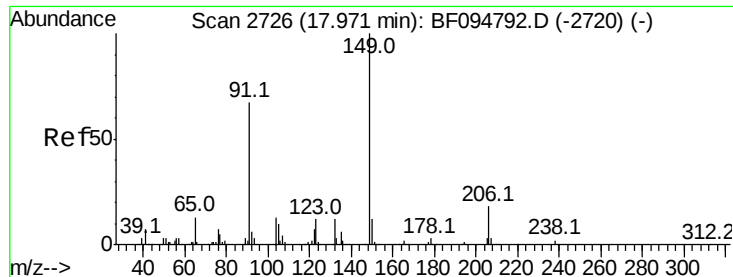
Delta R.T. 0.03 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion:	244	Resp:	690361
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	14.5	10.3	15.5





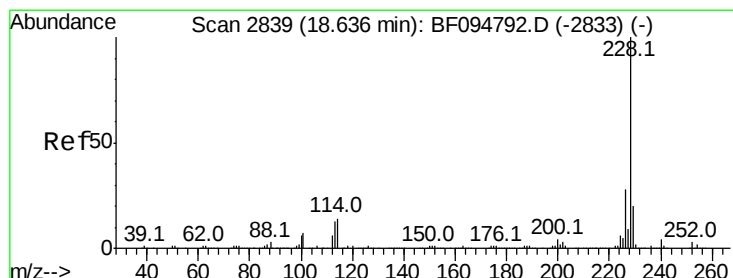
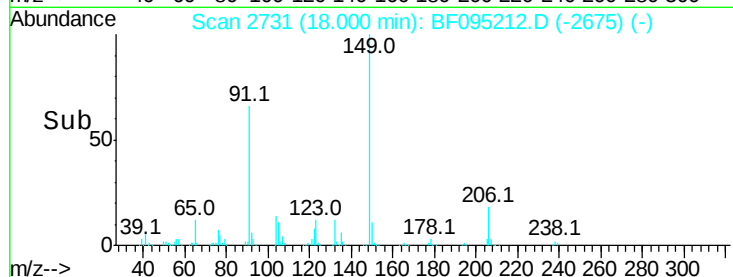
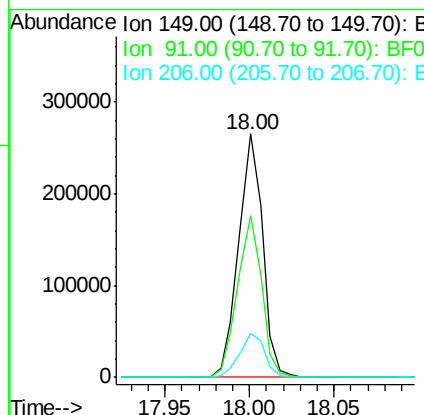
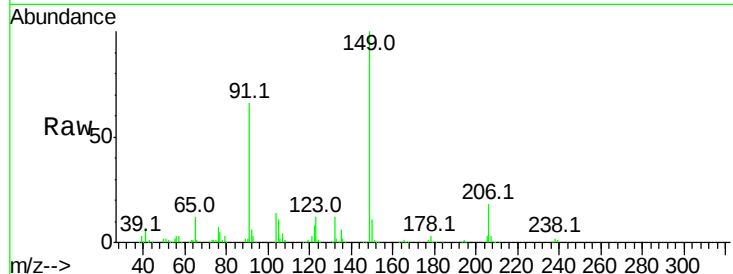
#79
Butylbenzylphthalate
Concen: 40.94 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.03 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	262873		
91	66.3	45.0	67.4	
206	18.0	17.0	25.6	

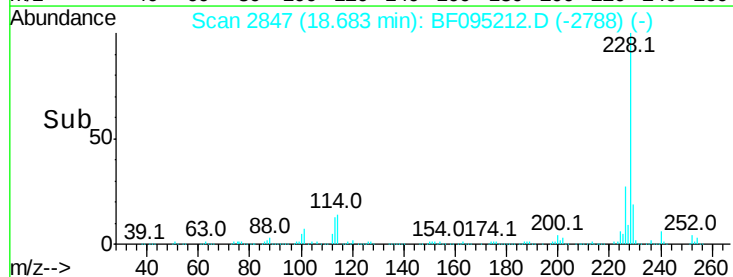
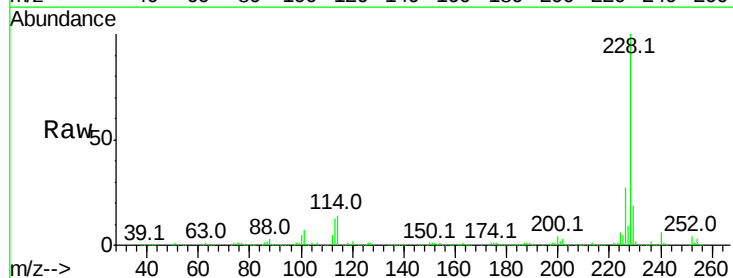
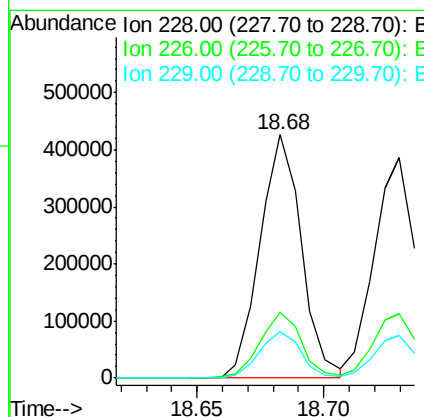
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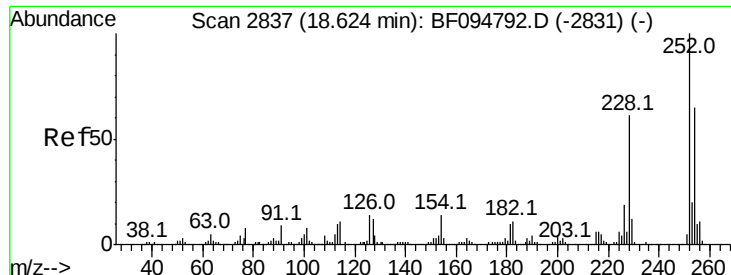
mohammad
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#80
Benzo(a)anthracene
Concen: 45.41 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	487773		
226	27.1	22.6	33.8	
229	19.3	16.3	24.5	





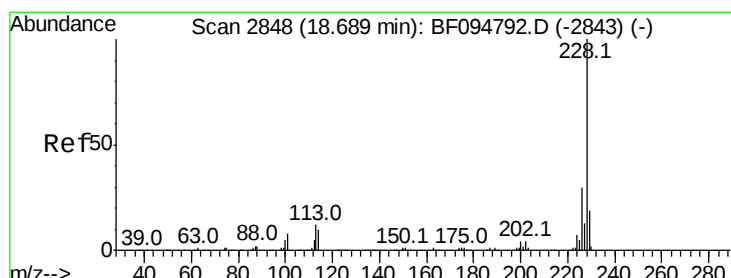
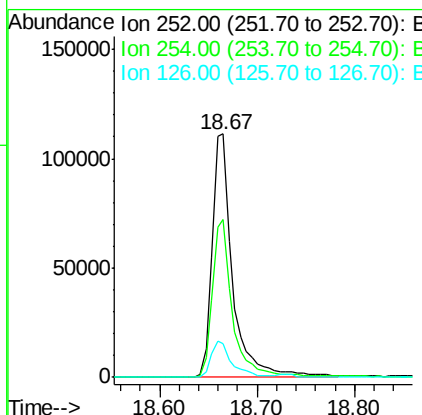
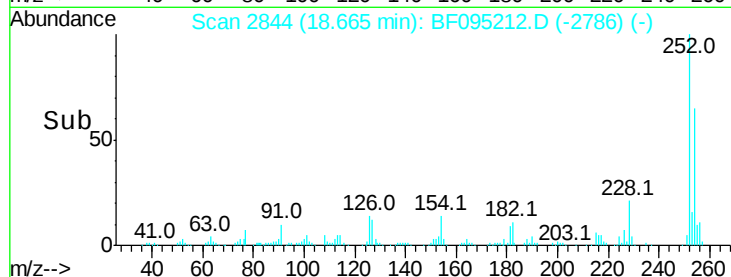
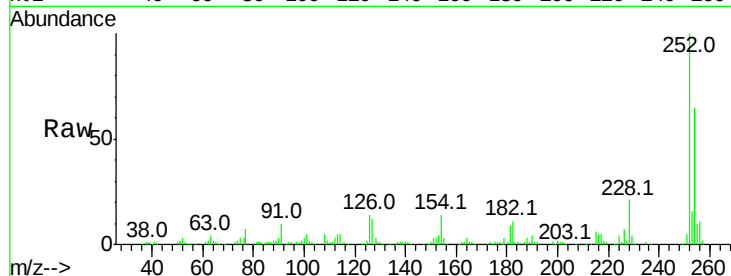
#81
 3,3'-Dichlorobenzidine
 Concen: 43.82 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampled :
 PB99041BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	51.5	77.3
126	13.9	15.8	23.8#

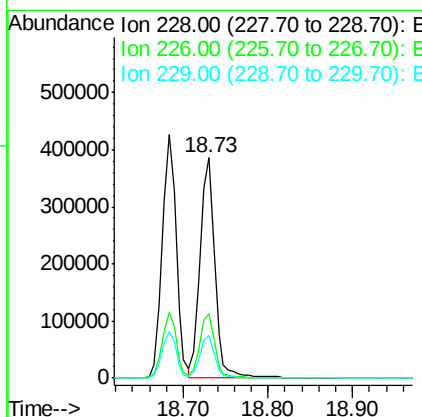
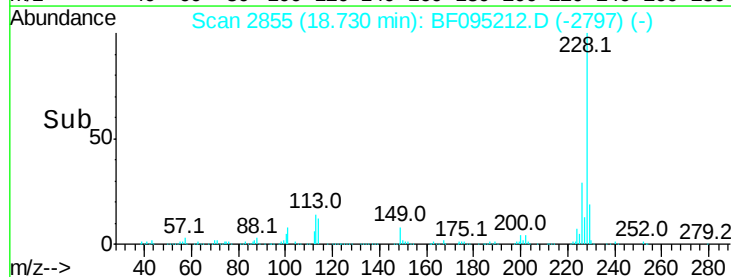
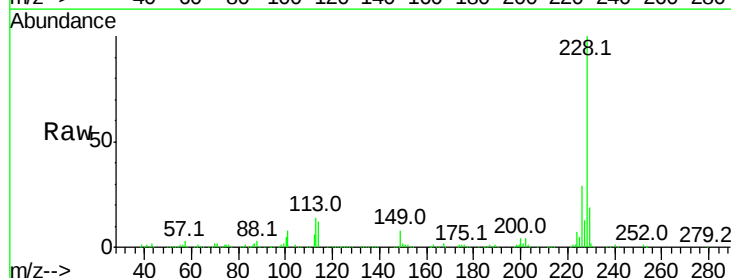
Manual Integrations
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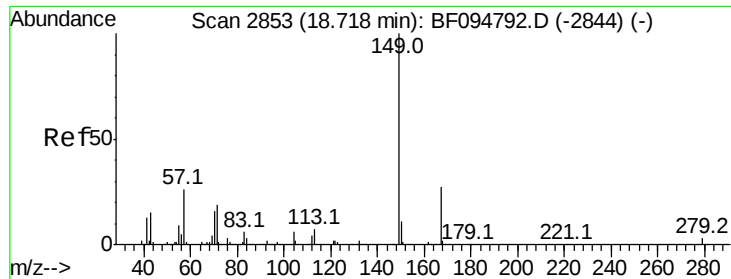
mohammad
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#82
 Chrysene
 Concen: 45.05 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.2	24.9	37.3
229	19.4	15.8	23.6





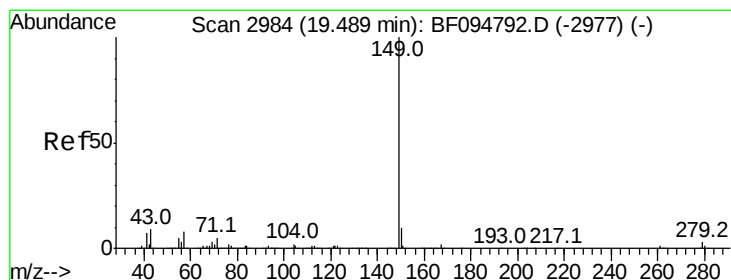
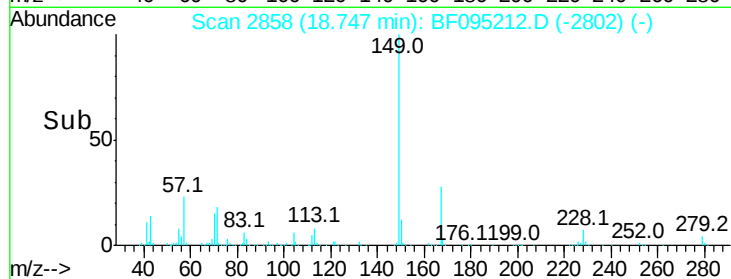
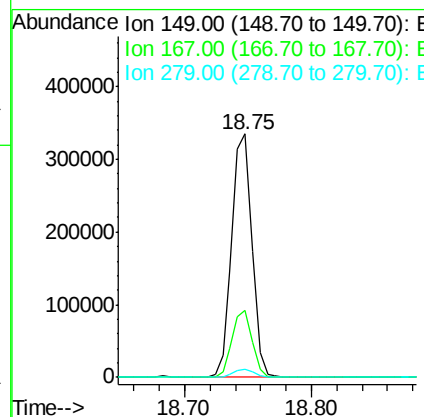
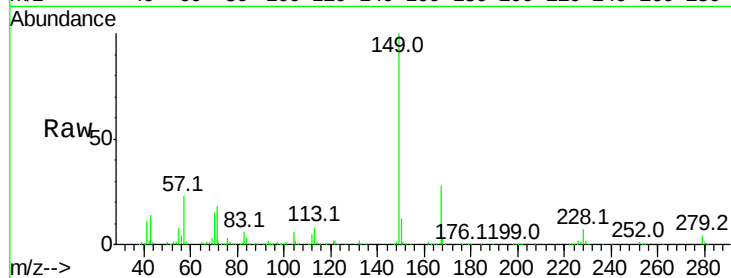
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.45 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. 0.03 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.6	21.0	31.4	
279	3.5	1.9	2.9	

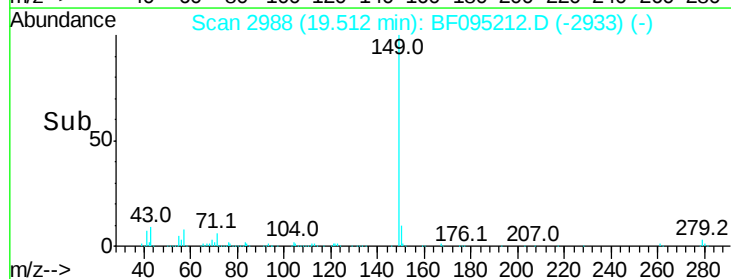
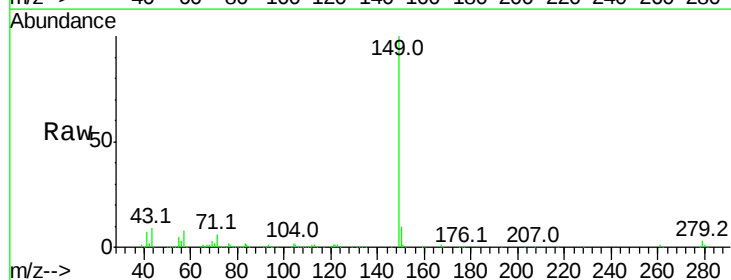
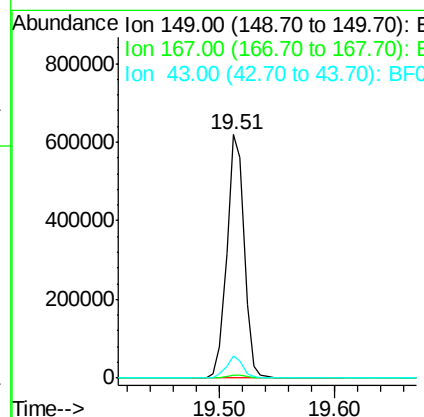
Manual Integrations
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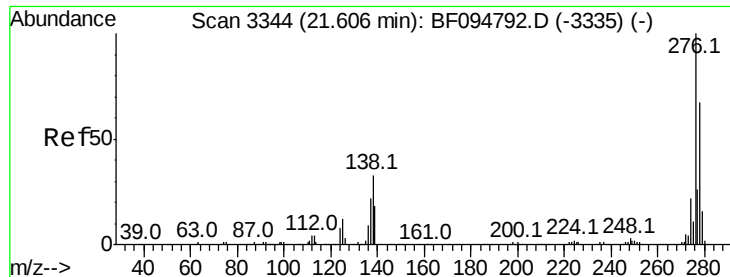
mohammad
 5/18/2017 2:30:04 PM



#84
 Di-n-octyl phthalate
 Concen: 42.95 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. 0.02 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

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





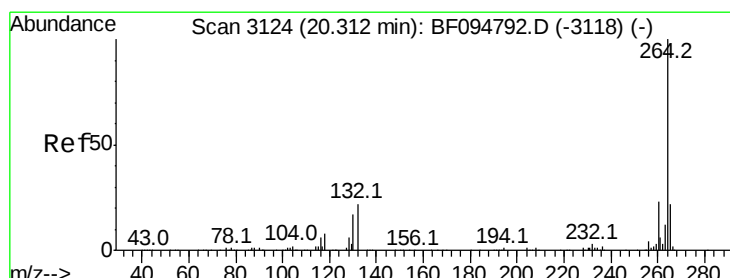
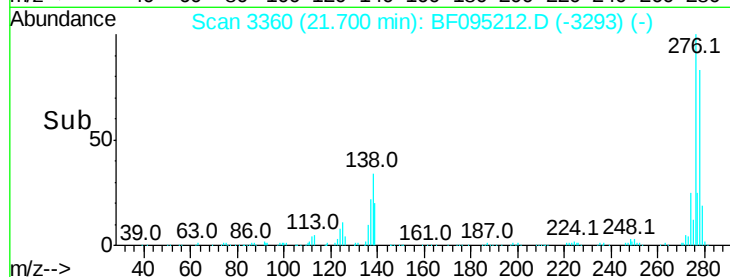
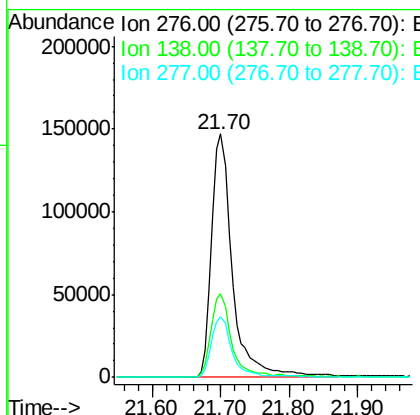
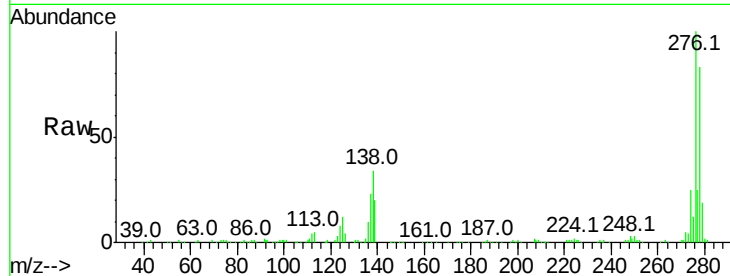
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.05 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.09 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	33.3	27.8	41.6	
277	25.2	20.2	30.4	

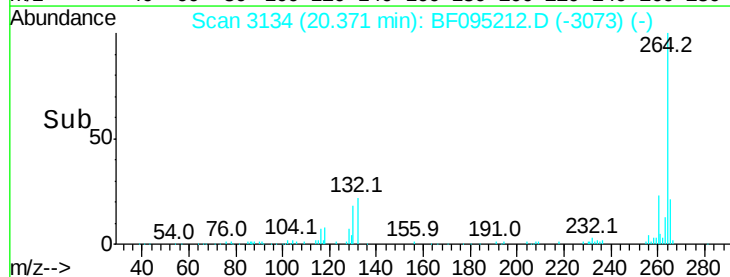
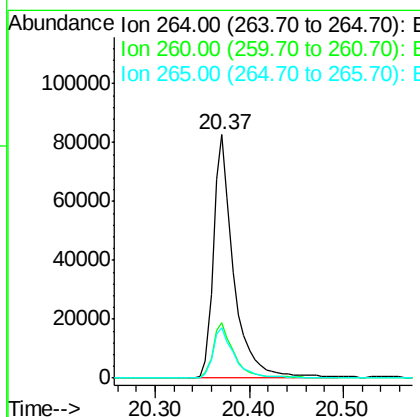
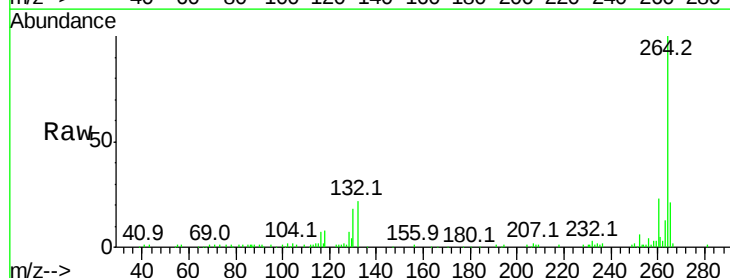
Manual Integrations
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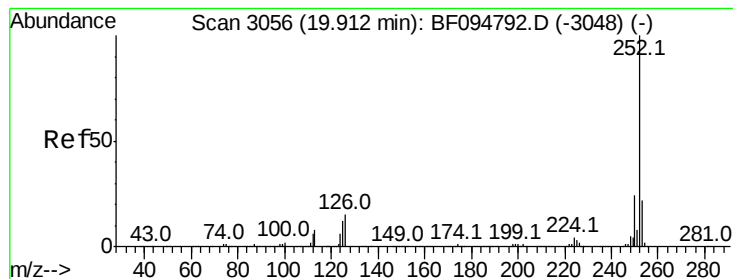
mohammad
 5/18/2017 2:30:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.0	19.5	29.3	
265	20.7	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 49.14 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Instrument :

BNA_F

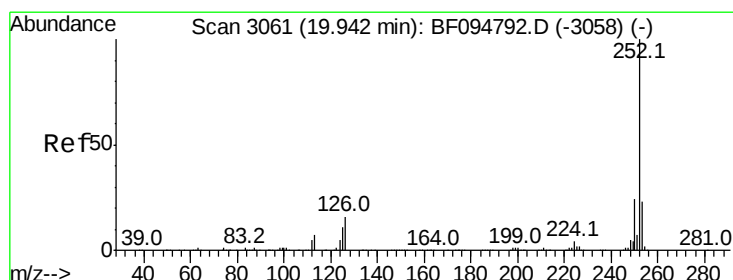
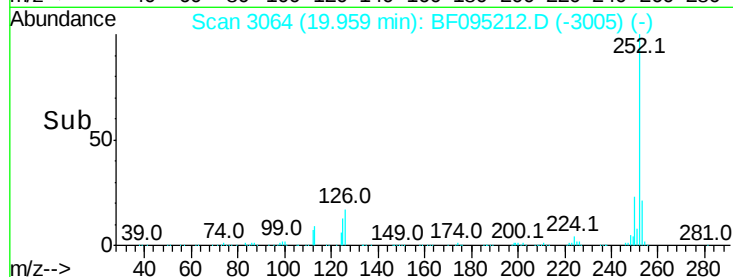
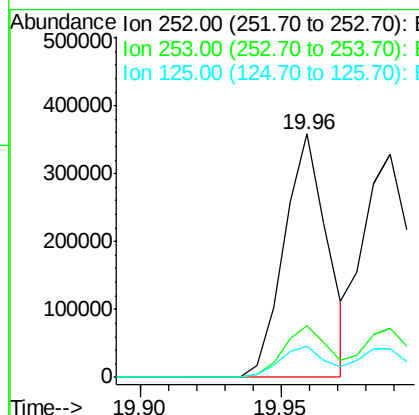
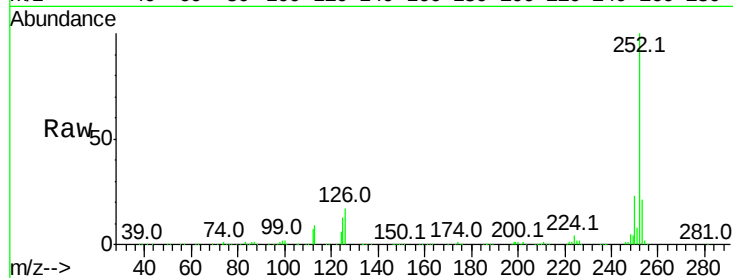
ClientSampleId :

PB99041BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	380400		
253	21.3	18.1	27.1	
125	12.9	9.8	14.8	

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#88

Benzo(k)fluoranthene

Concen: 57.60 ng

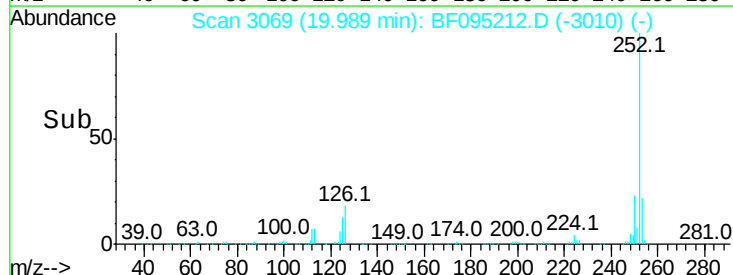
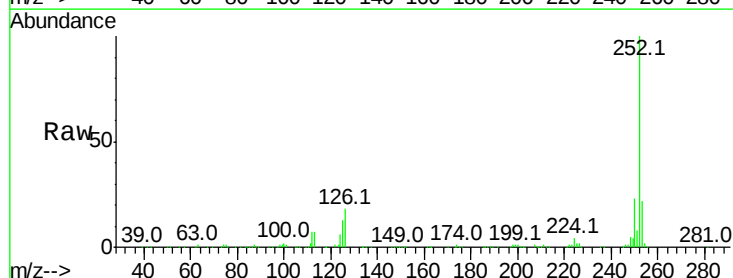
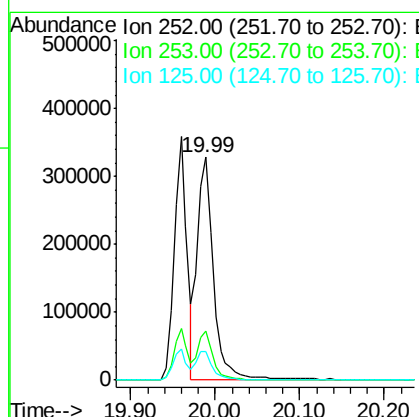
RT: 19.99 min Scan# 3069

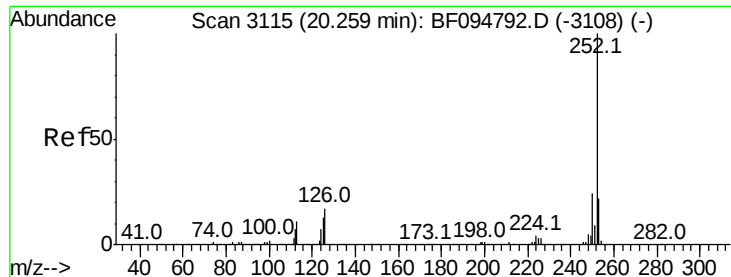
Delta R.T. 0.05 min

Lab File: BF095212.D

Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	430099		
253	22.0	18.4	27.6	
125	13.0	13.1	19.7	





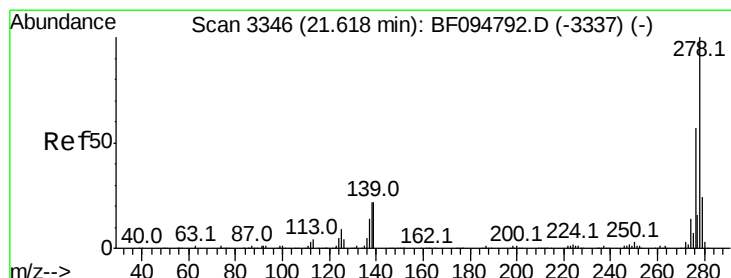
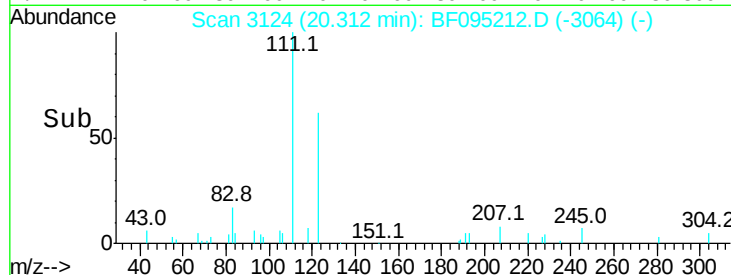
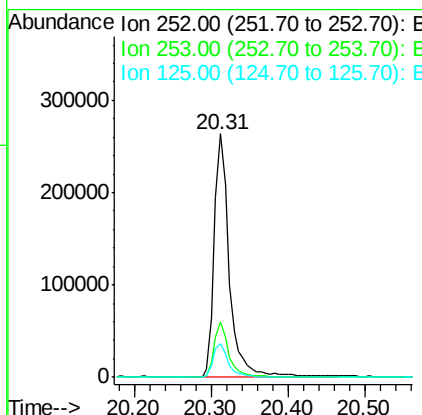
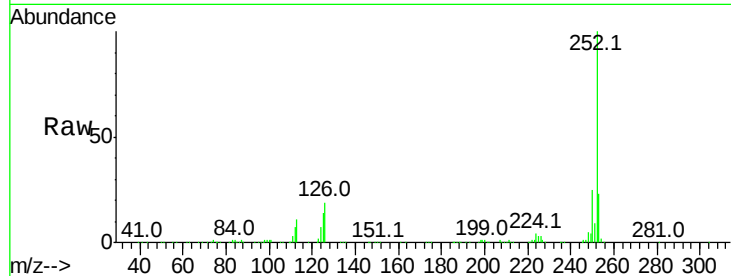
#89
Benzo(a)pyrene
Concen: 49.24 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Instrument :
BNA_F
ClientSampleId :
PB99041BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.0	11.0	16.4

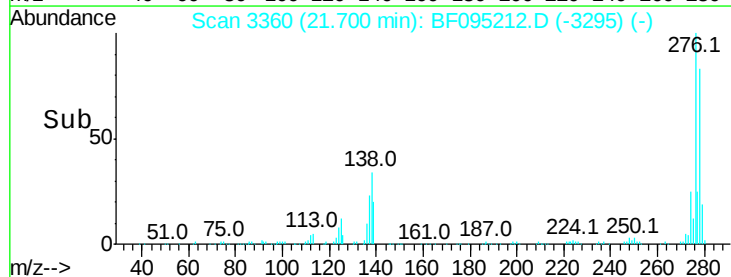
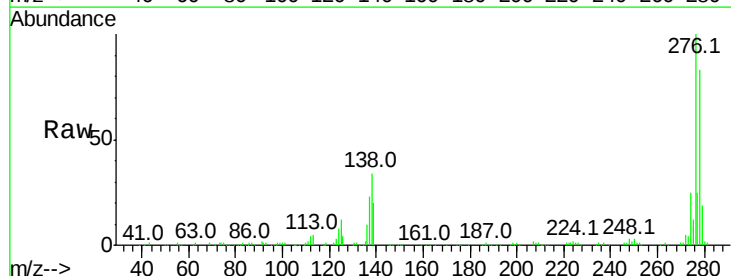
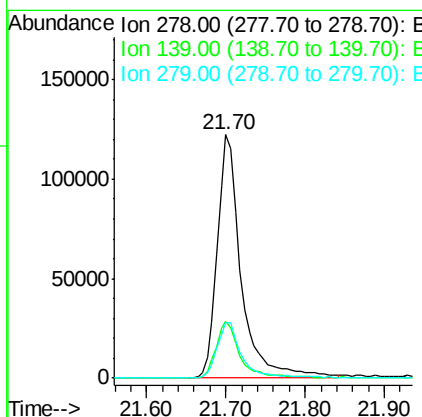
Manual Integrations
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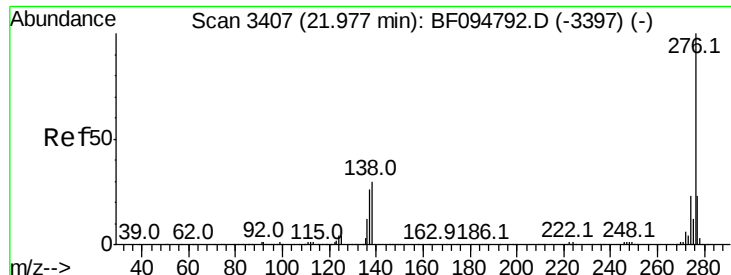
mohammad
5/18/2017 2:30:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.39 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095212.D
Acq: 18 May 2017 7:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.5	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.71 ng
 RT: 22.08 min Scan# 3425
 Delta R.T. 0.11 min
 Lab File: BF095212.D
 Acq: 18 May 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :
 PB99041BS

Tot Ion:	276	Resp:	235650
Ion Ratio		Lower	Upper
276	100		
277	22.8	18.6	28.0
138	29.5	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/18/2017 2:30:04 PM

