

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095267.D
 Acq On : 19 May 2017 17:21
 Operator : SJ/MA
 Sample : PB99069BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Manual Integrations
 APPROVED

mohammad
 5/22/2017 1:29:43 PM

Quant Time: May 22 07:31:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	87922	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	367344	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	170064	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	286529	20.00	ng	0.00
75) Chrysene-d12	18.69	240	245735	20.00	ng	0.00
86) Perylene-d12	20.36	264	154018	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	707373	134.13	ng	0.00
7) Phenol-d6	7.32	99	887729	140.30	ng	0.00
23) Nitrobenzene-d5	8.67	82	520067	89.28	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	209688	150.55	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1048339	88.73	ng	0.00
78) Terphenyl-d14	17.34	244	999128	89.55	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	80461	31.11	ng	93
3) Pyridine	3.00	79	180410	30.10	ng	99
4) n-Nitrosodimethylamine	2.92	42	79333	31.75	ng	86
6) Aniline	7.28	93	312810	39.16	ng	96
8) 2-Chlorophenol	7.46	128	269935	44.97	ng	94
9) Benzaldehyde	7.11	77	59087	15.29	ng	96
10) Phenol	7.33	94	274371	41.15	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	237157	43.08	ng	95
12) 1,3-Dichlorobenzene	7.67	146	286037	42.01	ng	98
13) 1,4-Dichlorobenzene	7.80	146	290691	42.10	ng	98
14) 1,2-Dichlorobenzene	8.02	146	279367	43.34	ng	96
15) Benzyl Alcohol	8.05	79	215586	52.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	322083	41.34	ng	66
17) 2-Methylphenol	8.26	107	219679	44.72	ng	# 91
18) Hexachloroethane	8.54	117	96788	41.38	ng	89
19) n-Nitroso-di-n-propylamine	8.47	70	185678	43.39	ng	93
20) 3+4-Methylphenols	8.52	107	290769	43.56	ng	# 58
22) Acetophenone	8.44	105	373148	42.34	ng	# 84
24) Nitrobenzene	8.70	77	258617	42.35	ng	95
25) Isophorone	9.10	82	472851	45.46	ng	# 94
26) 2-Nitrophenol	9.20	139	150651	45.72	ng	99
27) 2,4-Dimethylphenol	9.34	122	243682	45.74	ng	97
28) bis(2-Chloroethoxy)methane	9.46	93	315083	43.79	ng	98
29) 2,4-Dichlorophenol	9.63	162	232569	46.24	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	227685	42.25	ng	99
31) Naphthalene	9.81	128	776249	42.04	ng	100
32) Benzoic acid	9.66	122	134987	39.59	ng	93
33) 4-Chloroaniline	9.97	127	131281	19.08	ng	93
34) Hexachlorobutadiene	10.03	225	113133	39.79	ng	96
35) Caprolactam	10.61	113	67488m	44.68	ng	
36) 4-Chloro-3-methylphenol	10.81	107	249650	46.42	ng	89
37) 2-Methylnaphthalene	10.94	142	541107	44.66	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	220443	42.15	ng	99
40) Hexachlorocyclopentadiene	11.19	237	152375	70.11	ng	99

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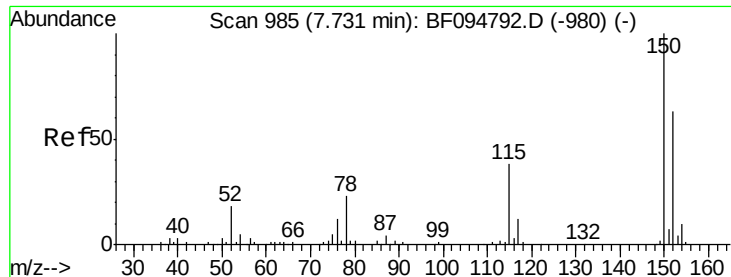
Manual Integrations
 APPROVED

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 5/22/2017 1:29:43 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	160324	45.91	ng	100
43) 2,4,5-Trichlorophenol	11.54	196	151868	40.47	ng	95
45) 1,1'-Biphenyl	11.71	154	626575	43.76	ng	98
46) 2-Chloronaphthalene	11.72	162	496056	42.91	ng	96
47) 2-Nitroaniline	11.95	65	138741	43.84	ng	# 76
48) Acenaphthylene	12.38	152	789256	43.58	ng	99
49) Dimethylphthalate	12.26	163	597242	42.78	ng	99
50) 2,6-Dinitrotoluene	12.35	165	133166	46.75	ng	98
51) Acenaphthene	12.67	154	466583	43.14	ng	99
52) 3-Nitroaniline	12.63	138	89299	29.21	ng	90
53) 2,4-Dinitrophenol	12.84	184	124128	79.19	ng	# 65
54) Dibenzofuran	12.95	168	731688	48.88	ng	99
55) 4-Nitrophenol	13.02	139	156952	85.48	ng	# 71
56) 2,4-Dinitrotoluene	13.02	165	188322	51.45	ng	# 88
57) Fluorene	13.51	166	592779	45.55	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	119137	50.44	ng	95
59) Diethylphthalate	13.41	149	592687	44.29	ng	99
60) 4-Chlorophenyl-phenylether	13.53	204	263120	46.00	ng	92
61) 4-Nitroaniline	13.64	138	120270	42.85	ng	96
62) Azobenzene	13.79	77	563355	52.39	ng	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	91204	47.48	ng	# 66
65) n-Nitrosodiphenylamine	13.74	169	518443	49.85	ng	99
66) 4-Bromophenyl-phenylether	14.32	248	149066	49.24	ng	97
67) Hexachlorobenzene	14.41	284	148082	47.73	ng	# 87
68) Atrazine	14.67	200	148497	50.58	ng	97
69) Pentachlorophenol	14.77	266	116090	82.56	ng	99
70) Phenanthrene	15.06	178	809676	49.18	ng	98
71) Anthracene	15.14	178	849981	50.54	ng	98
72) Carbazole	15.42	167	776706	50.76	ng	97
73) Di-n-butylphthalate	15.98	149	885118	46.39	ng	99
74) Fluoranthene	16.80	202	848823	50.26	ng	99
76) Benzidine	17.03	184	74798	16.30	ng	# 93
77) Pyrene	17.10	202	867335	47.19	ng	99
79) Butylbenzylphthalate	17.99	149	415991	48.66	ng	# 87
80) Benzo(a)anthracene	18.68	228	642359	44.92	ng	98
81) 3,3'-Dichlorobenzidine	18.66	252	146639	29.69	ng	# 97
82) Chrysene	18.72	228	606698	43.87	ng	99
83) Bis(2-ethylhexyl)phthalate	18.74	149	592319	48.63	ng	# 99
84) Di-n-octyl phthalate	19.51	149	923452	46.25	ng	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	409896	36.50	ng	99
87) Benzo(b)fluoranthene	19.95	252	444726	46.73	ng	98
88) Benzo(k)fluoranthene	19.98	252	516811m	56.30	ng	
89) Benzo(a)pyrene	20.31	252	411341	46.84	ng	99
90) Dibenzo(a,h)anthracene	21.69	278	327928	45.21	ng	98
91) Benzo(g,h,i)perylene	22.08	276	342527	48.13	ng	97

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



#1

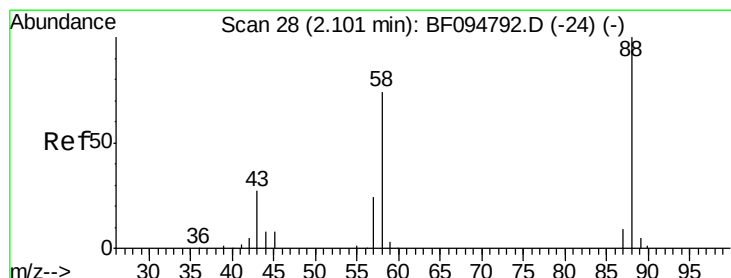
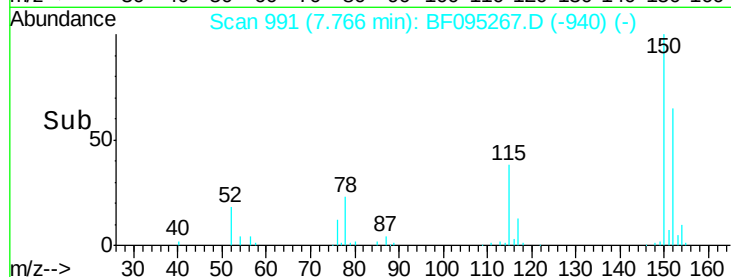
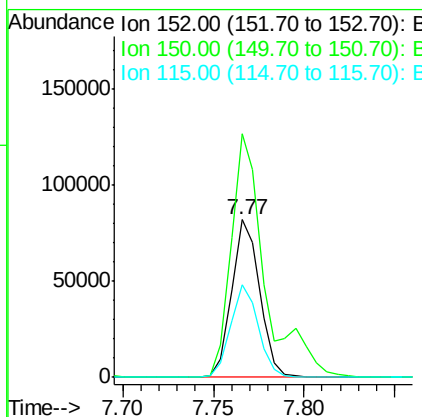
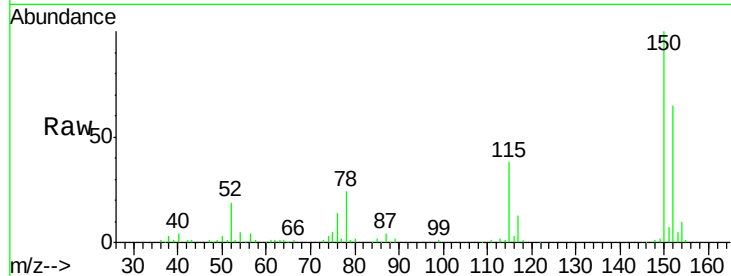
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	59.1	52.2	78.2

Manual Integrations
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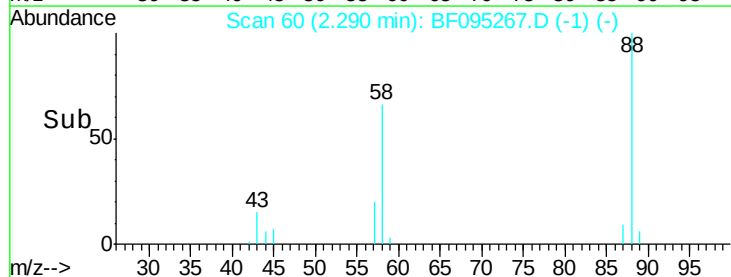
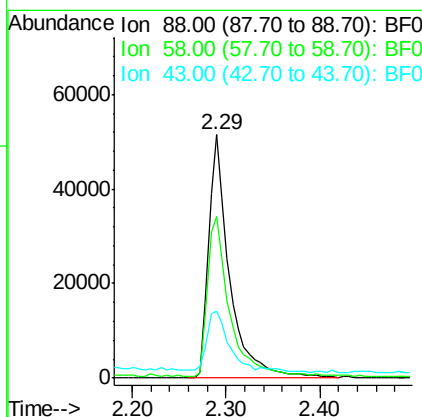
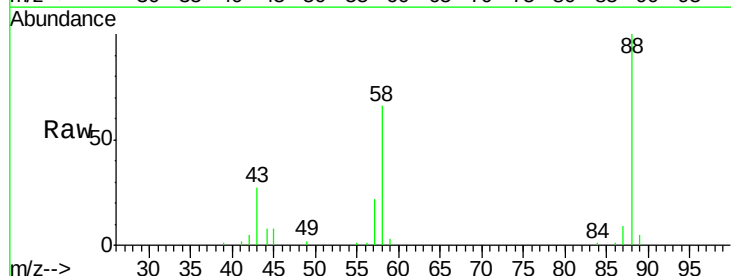
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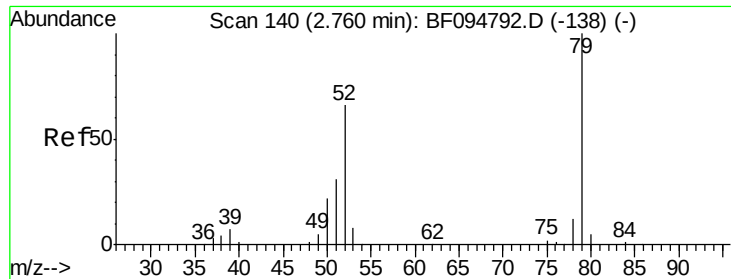


#2

1,4-Dioxane
Concen: 31.11 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.06 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	61.4	92.0
43	28.0	23.4	35.0





#3

Pyridine

Concen: 30.10 ng

RT: 3.00 min Scan# 180

Delta R.T. 0.07 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

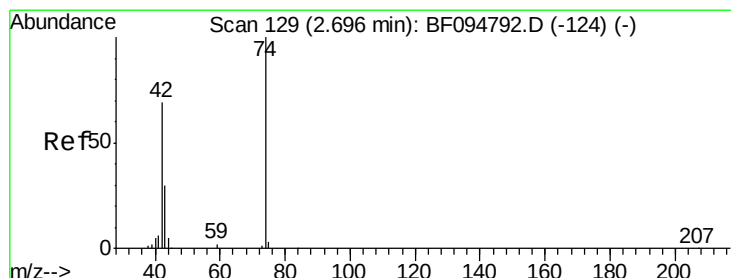
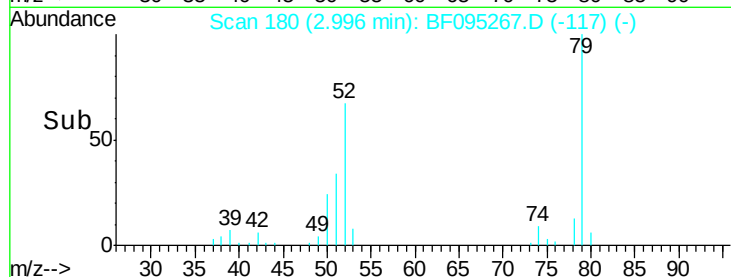
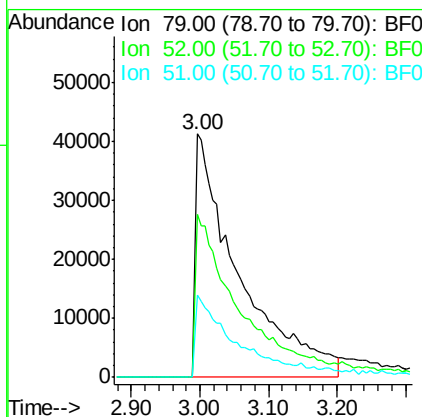
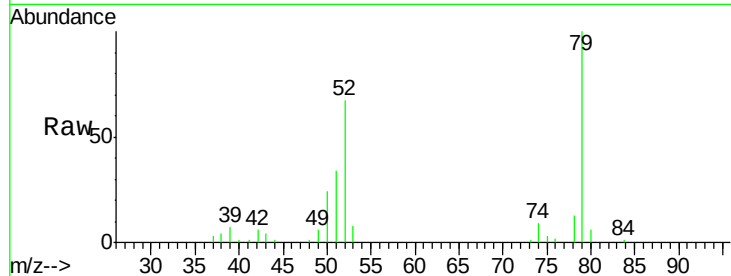
ClientSampled :

PB99069BS

Tgt Ion:	79	Resp:	180410
Ion	Ratio	Lower	Upper
79	100		
52	67.1	54.8	82.2
51	33.7	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 31.75 ng

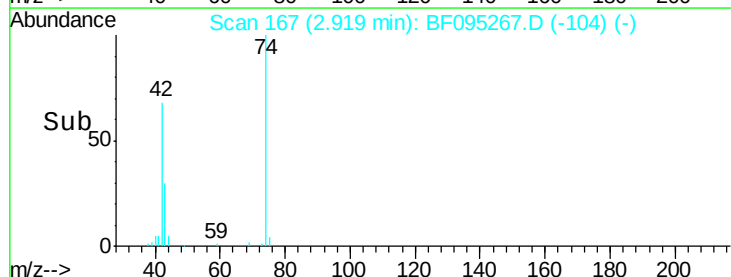
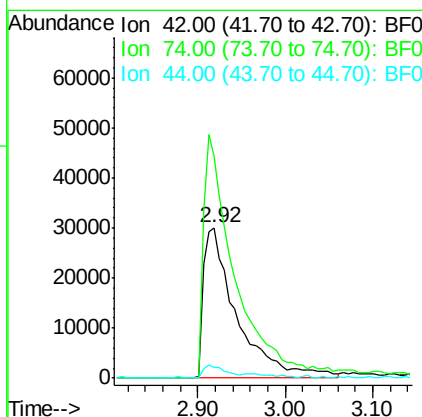
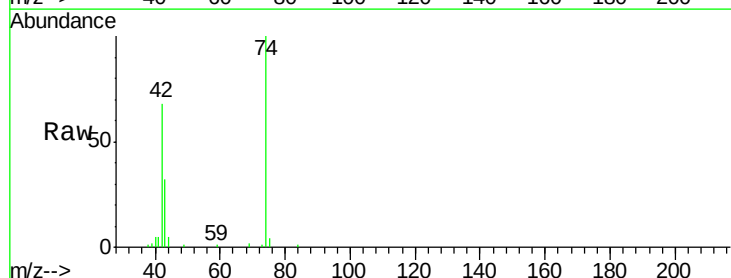
RT: 2.92 min Scan# 167

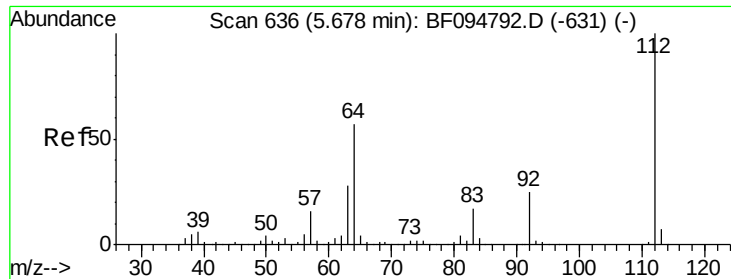
Delta R.T. 0.07 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion:	42	Resp:	79333
Ion	Ratio	Lower	Upper
42	100		
74	147.7	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 134.13 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

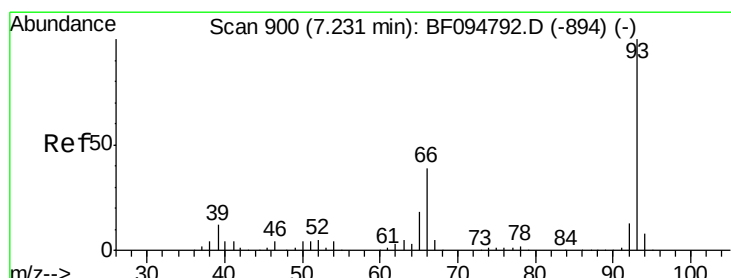
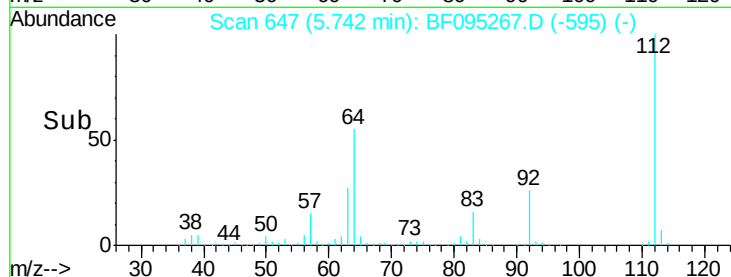
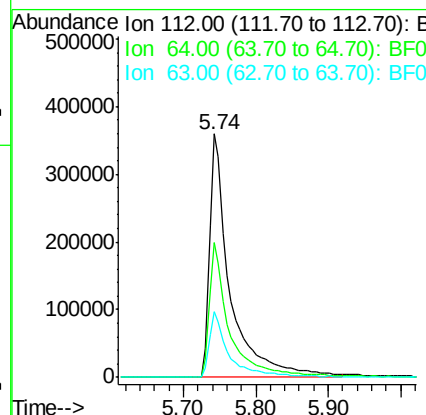
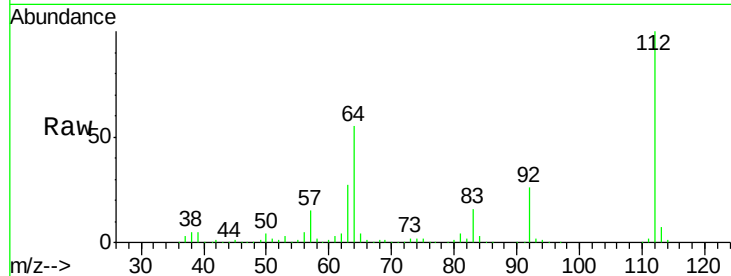
ClientSampleId :

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Tgt Ion:	112	Resp:	707373
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.1	23.4	35.0

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#6

Aniline

Concen: 39.16 ng

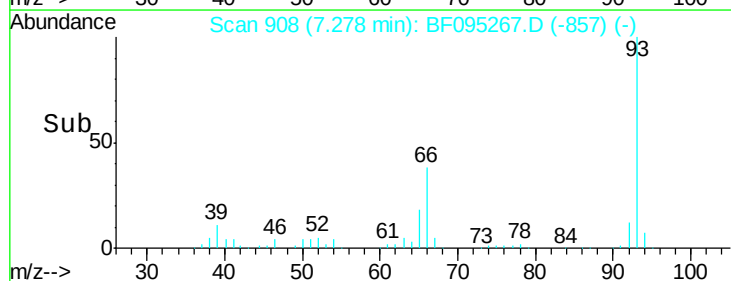
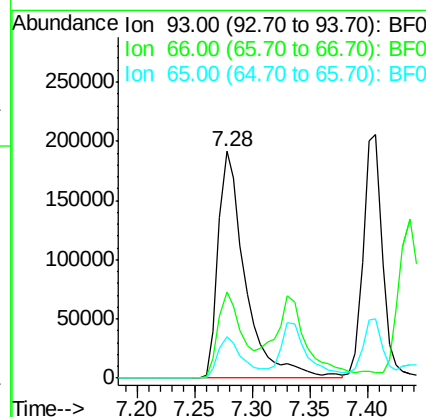
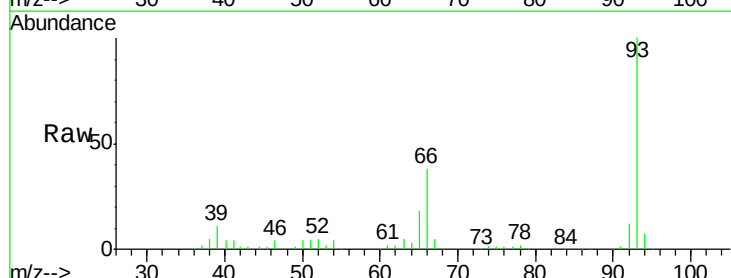
RT: 7.28 min Scan# 908

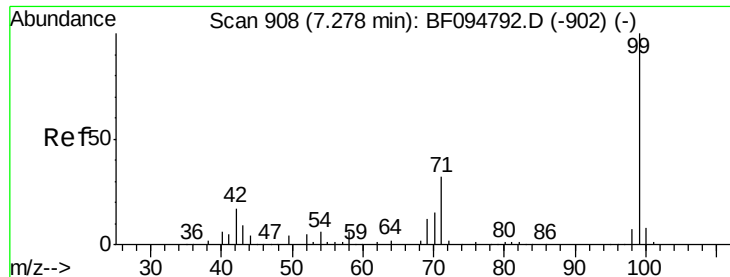
Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion:	93	Resp:	312810
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.9	49.3
65	18.4	16.0	24.0





#7

Phenol-d6

Concen: 140.30 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

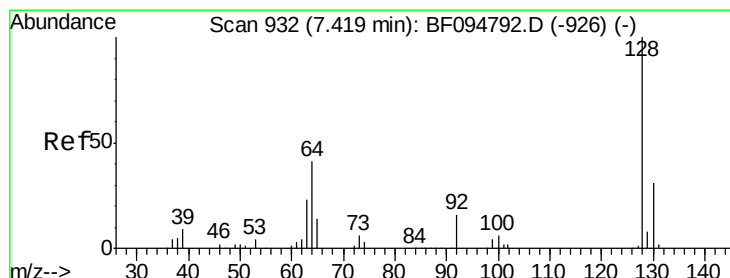
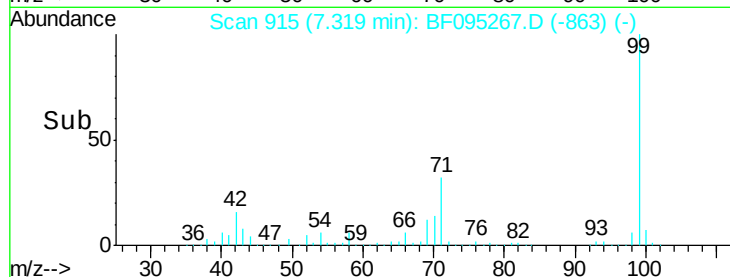
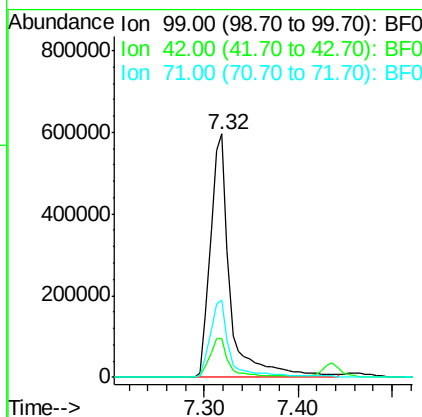
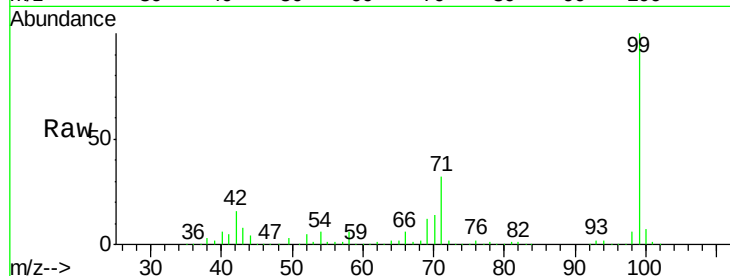
ClientSampleId :

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Tgt Ion:	99	Resp:	887729
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	31.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 44.97 ng

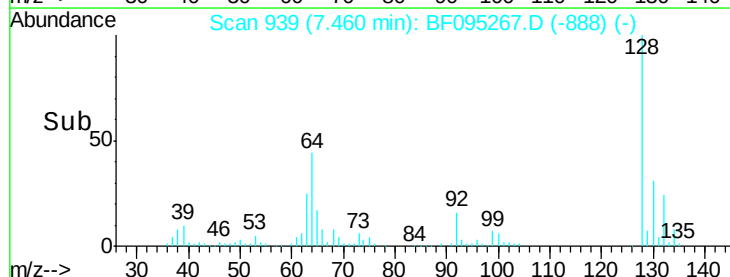
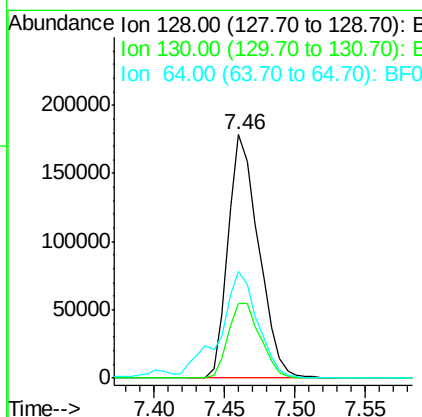
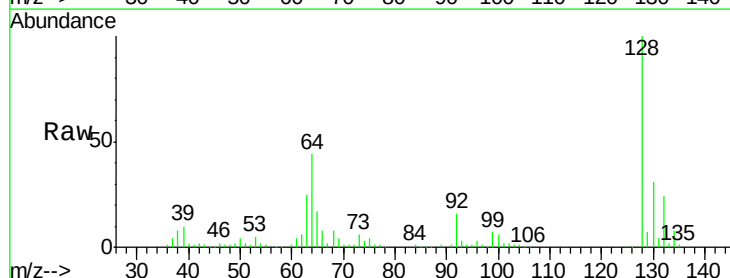
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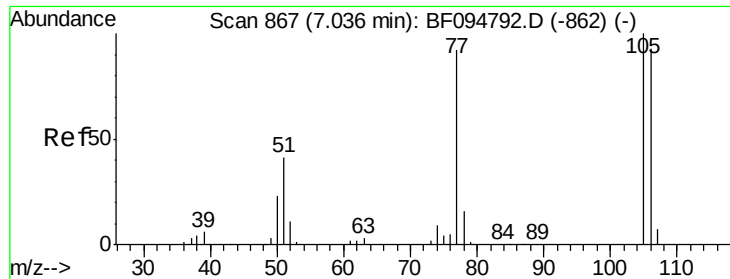
Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion:	128	Resp:	269935
Ion Ratio	Lower	Upper	
128	100		
130	30.8	12.9	52.9
64	43.7	28.4	68.4





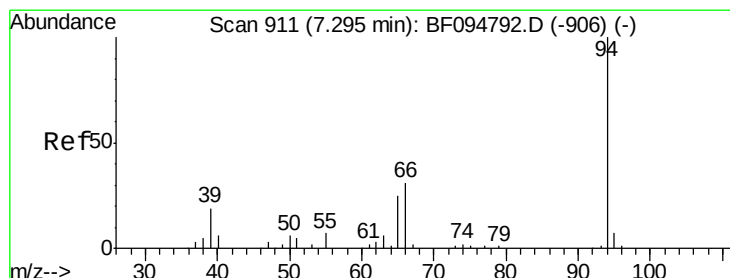
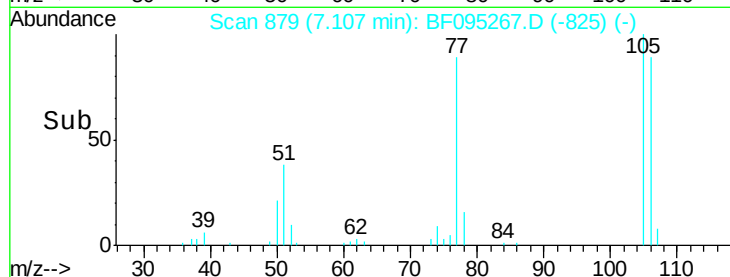
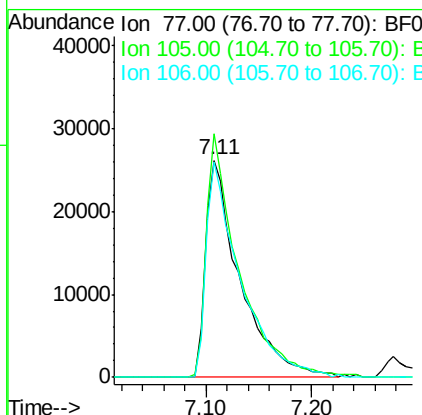
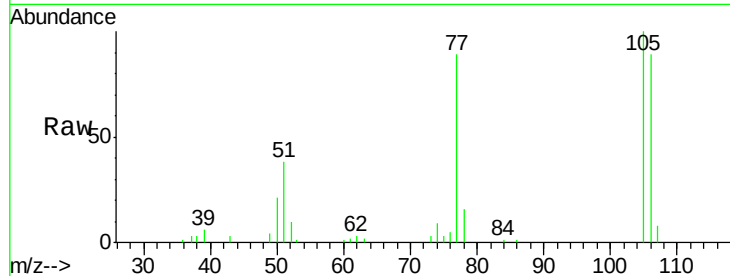
#9
Benzaldehyde
Concen: 15.29 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion: 77 Resp: 59087
Ion Ratio Lower Upper
77 100
105 112.0 83.8 123.8
106 99.3 79.1 119.1

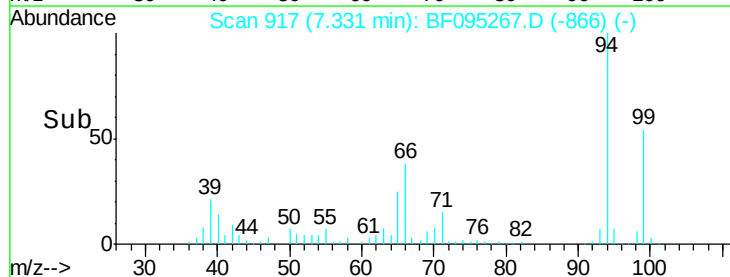
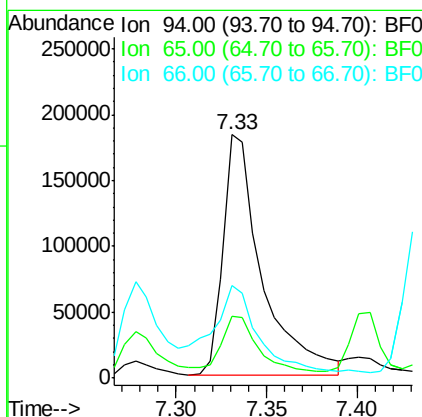
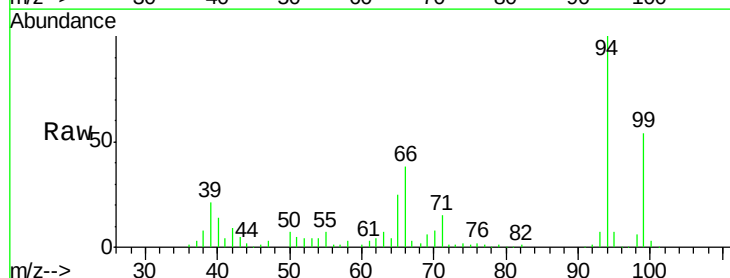
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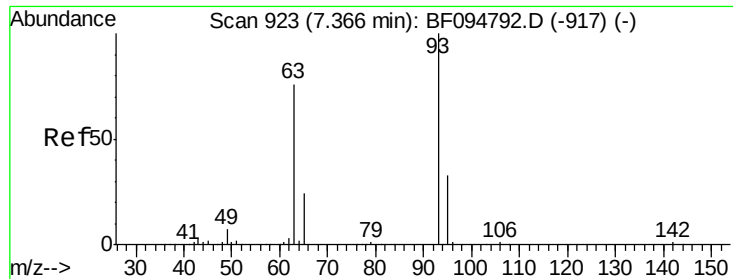
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#10
Phenol
Concen: 41.15 ng
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion: 94 Resp: 274371
Ion Ratio Lower Upper
94 100
65 25.3 9.9 49.9
66 37.9 23.1 63.1





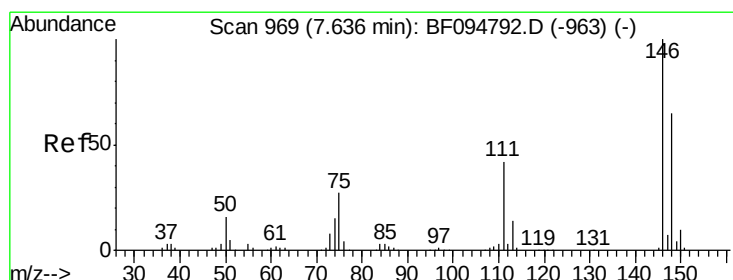
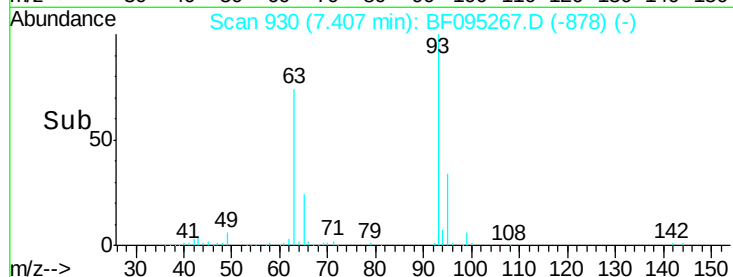
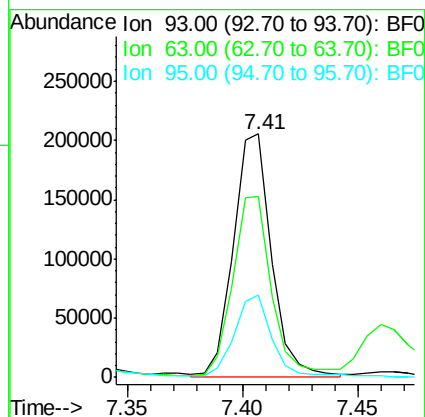
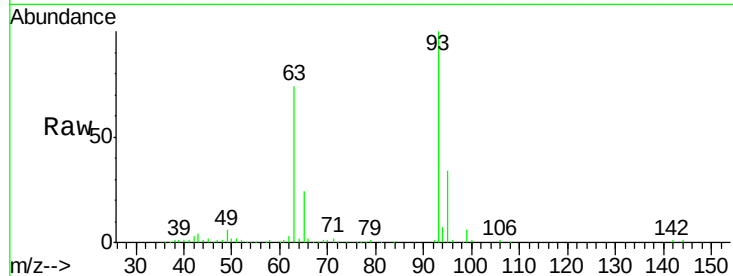
#11
bis(2-Chloroethyl)ether
Concen: 43.08 ng
RT: 7.41 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	237157		
63	74.1	59.2	59.2	99.2
95	33.7	12.8	12.8	52.8

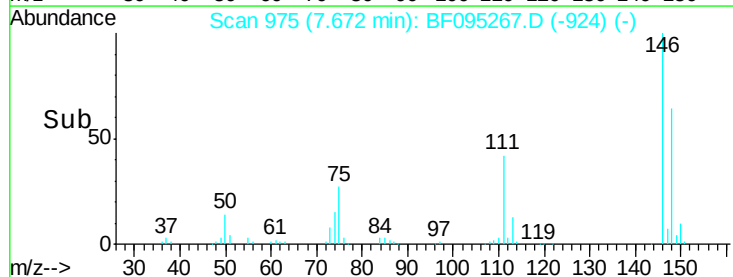
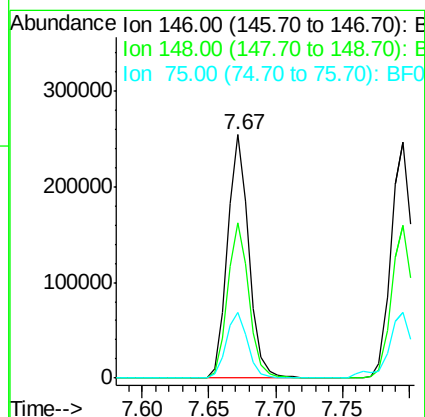
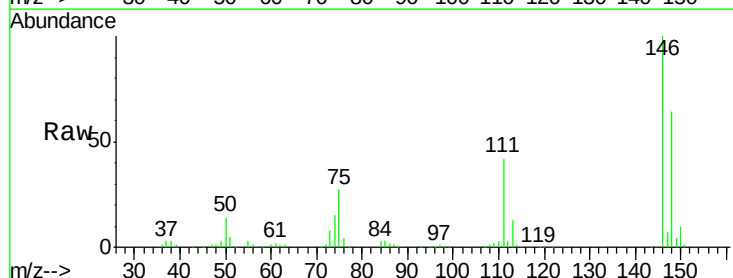
Manual Integrations
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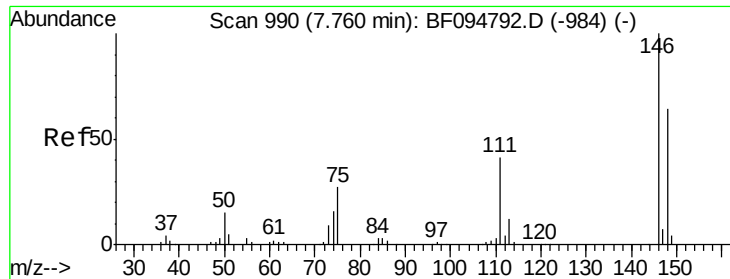
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.01 ng
RT: 7.67 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	286037		
148	63.7	51.8	51.8	77.6
75	27.2	23.1	23.1	34.7





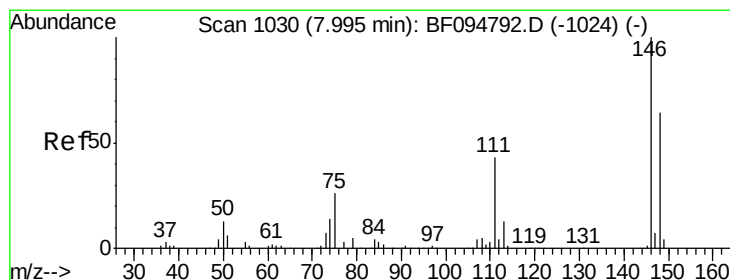
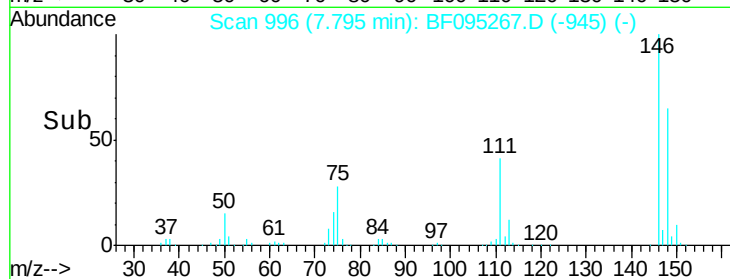
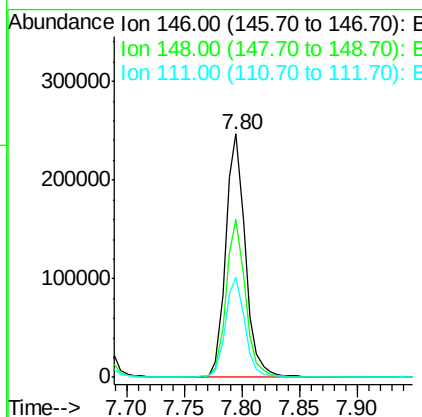
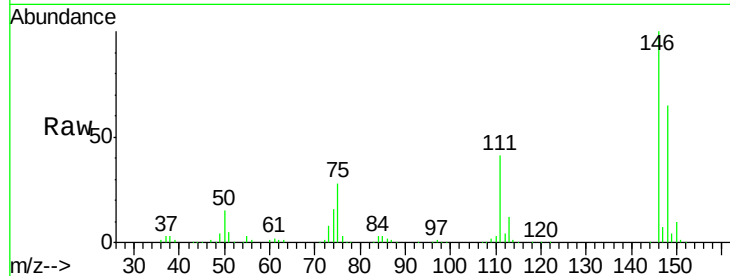
#13
 1,4-Dichlorobenzene
 Concen: 42.10 ng
 RT: 7.80 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290691		
148	64.7	52.2	78.2	
111	41.3	30.3	45.5	

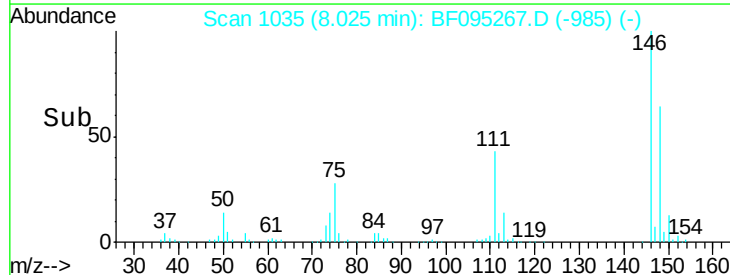
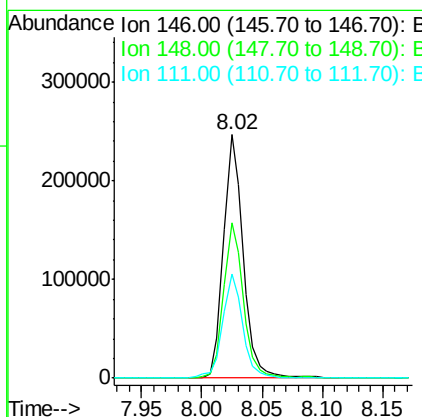
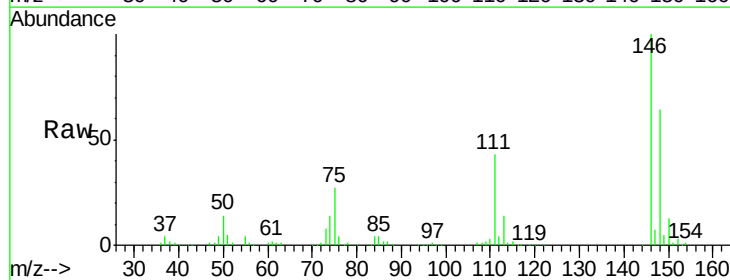
Manual Integrations
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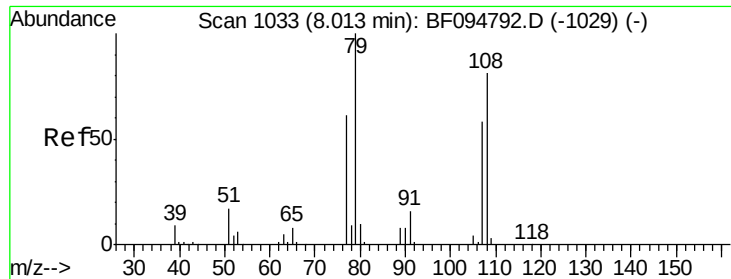
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.34 ng
 RT: 8.02 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	279367		
148	63.6	50.4	75.6	
111	42.6	38.2	57.4	





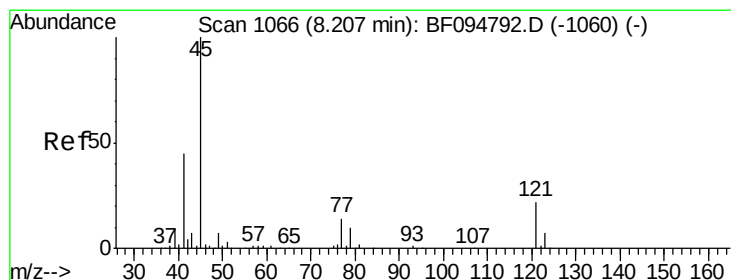
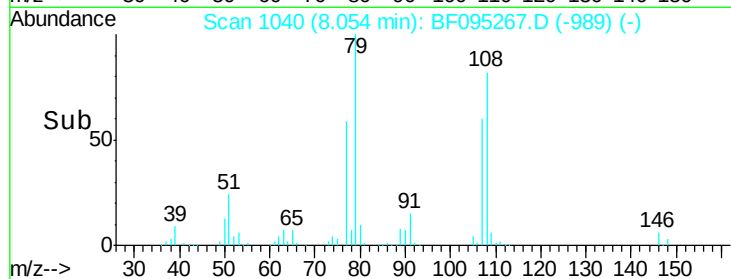
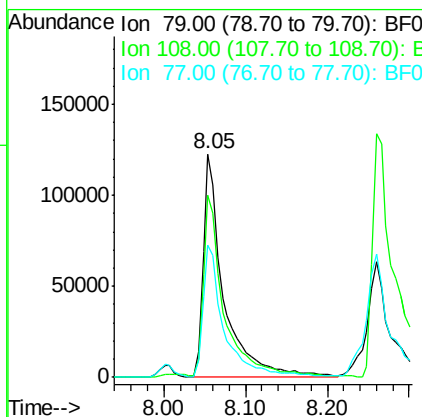
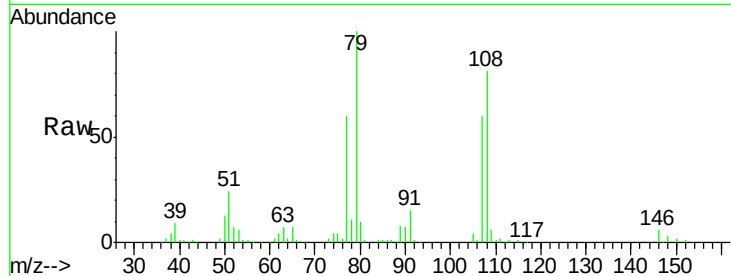
#15
Benzyl Alcohol
Concen: 52.97 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	215586		
108	81.4	63.4	95.0	
77	59.5	49.2	73.8	

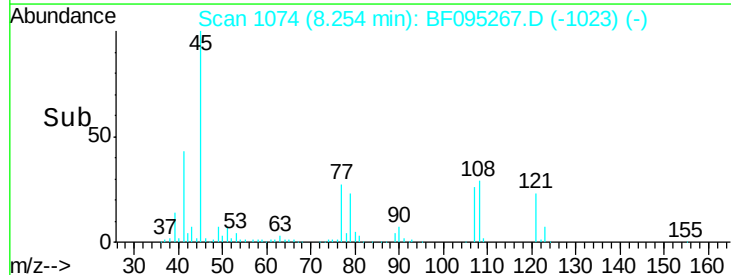
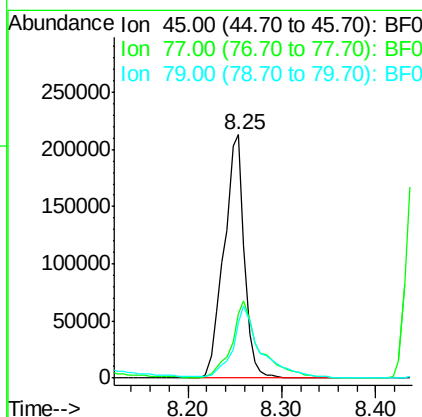
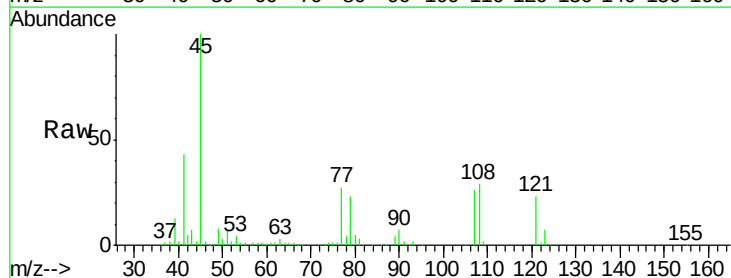
Manual Integrations
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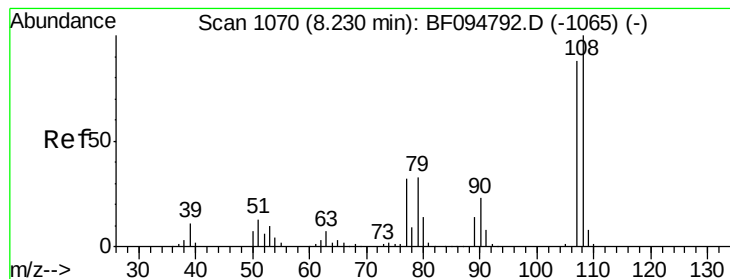
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.34 ng
RT: 8.25 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	322083		
77	26.6	0.0	33.2	
79	23.0	0.0	30.0	





#17

2-Methylphenol

Concen: 44.72 ng

RT: 8.26 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

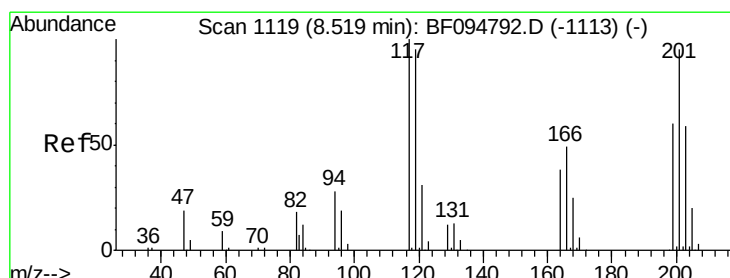
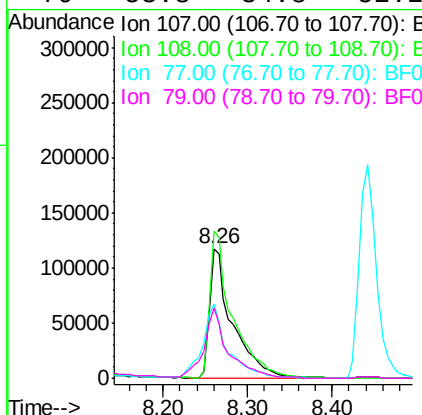
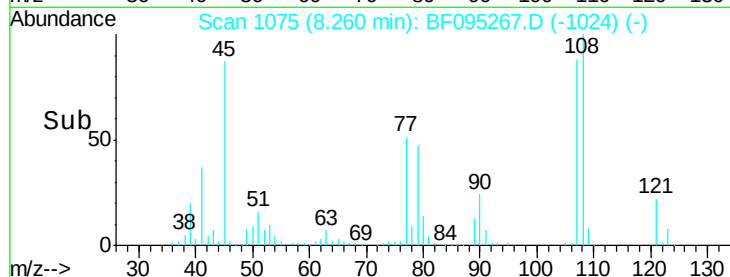
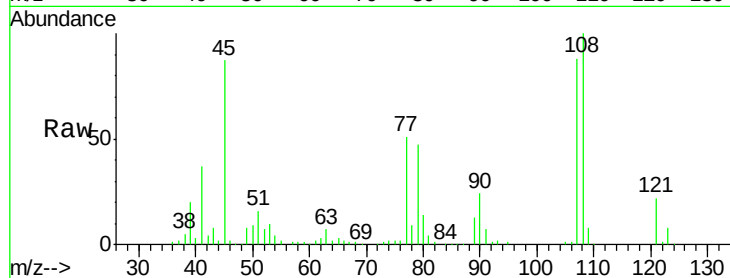
ClientSampleId :

PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	219679		
108	113.5	93.4	140.0	
77	57.6	35.8	53.6#	
79	53.8	34.8	52.2#	

Manual Integrations
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#18

Hexachloroethane

Concen: 41.38 ng

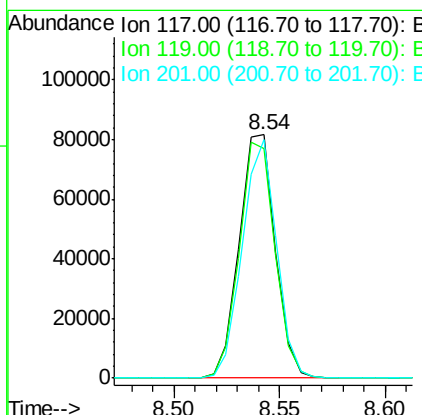
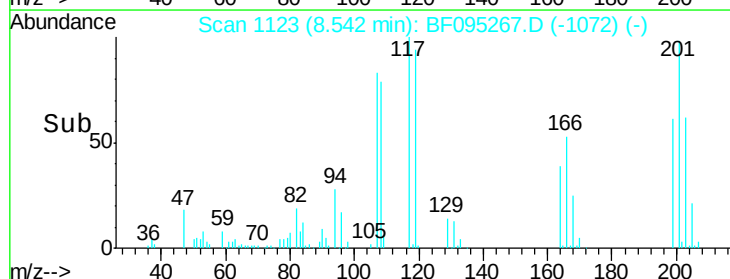
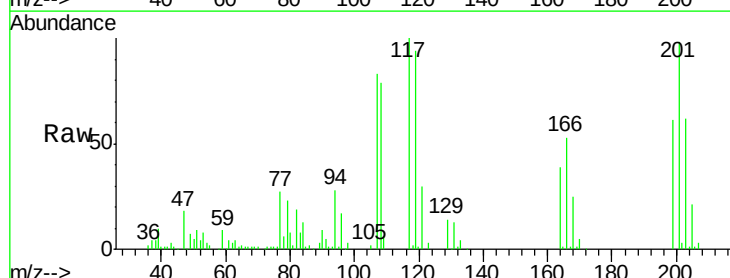
RT: 8.54 min Scan# 1123

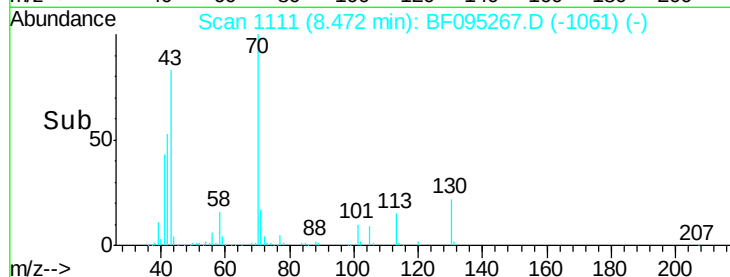
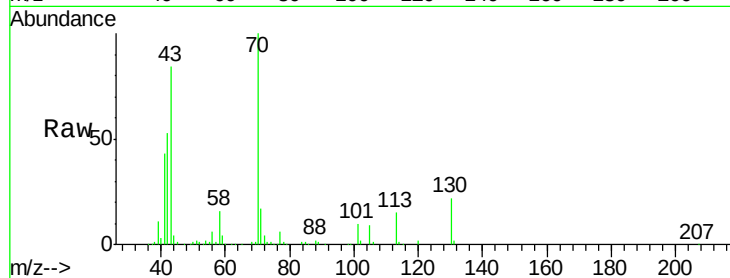
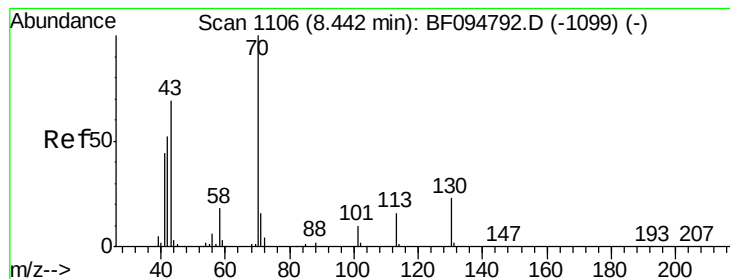
Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	96788		
119	94.4	77.4	116.0	
201	97.8	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 43.39 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

ClientSampleId :

PB99069BS

Tgt Ion: 70 Resp: 185678

Ion Ratio Lower Upper

70 100

42 53.0 47.2 70.8

101 10.2 7.2 10.8

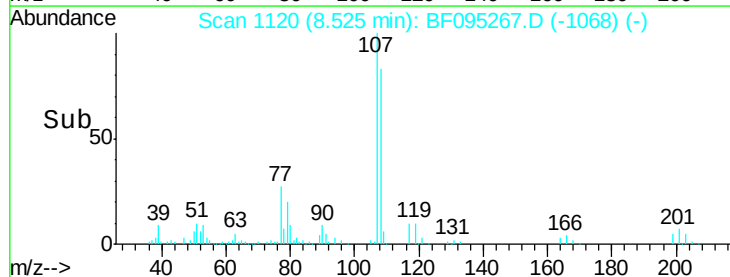
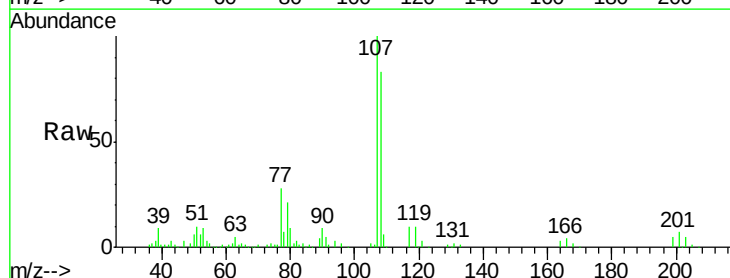
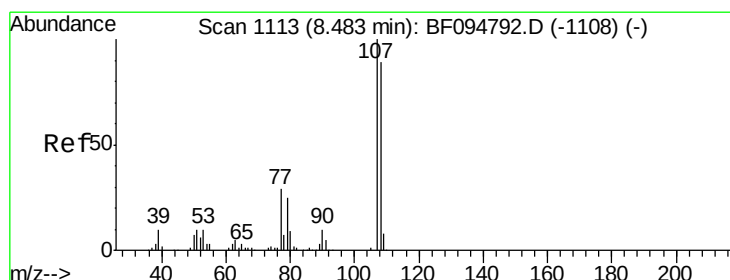
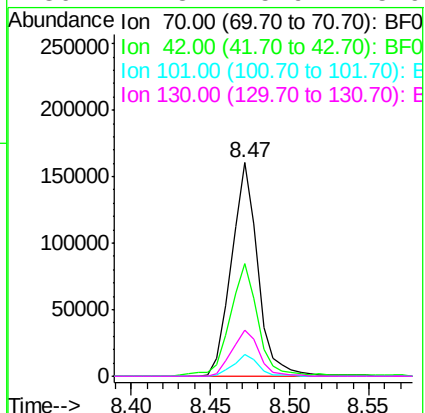
130 21.8 15.9 23.9

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#20

3+4-Methylphenols

Concen: 43.56 ng

RT: 8.52 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion: 107 Resp: 290769

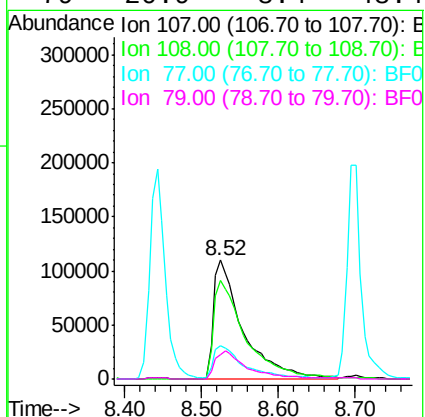
Ion Ratio Lower Upper

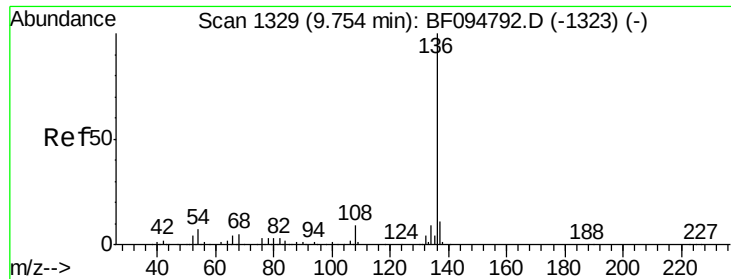
107 100

108 83.0 71.0 111.0

77 28.1 90.5 130.5#

79 20.9 8.4 48.4





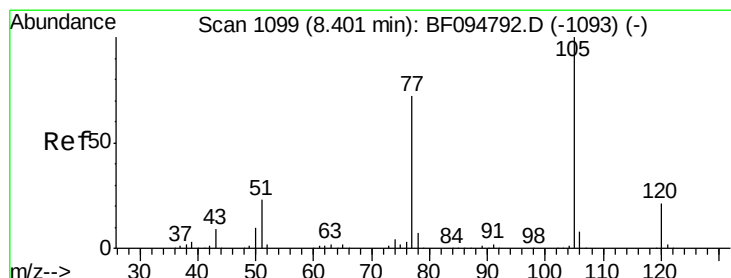
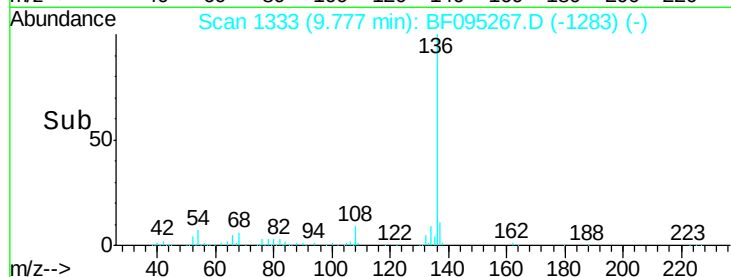
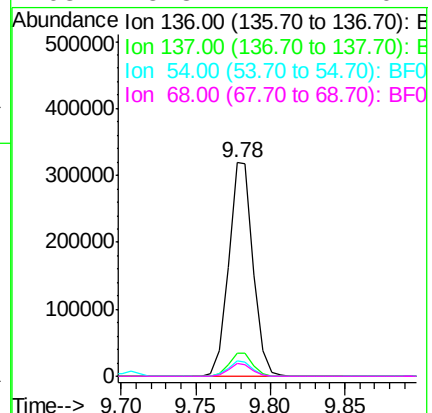
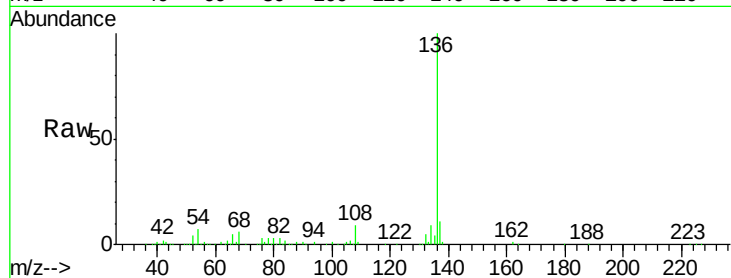
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	367344		
137	10.7	8.5	12.7	
54	7.0	4.9	7.3	
68	5.8	4.1	6.1	

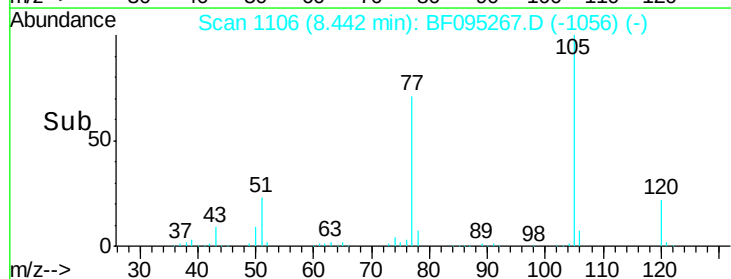
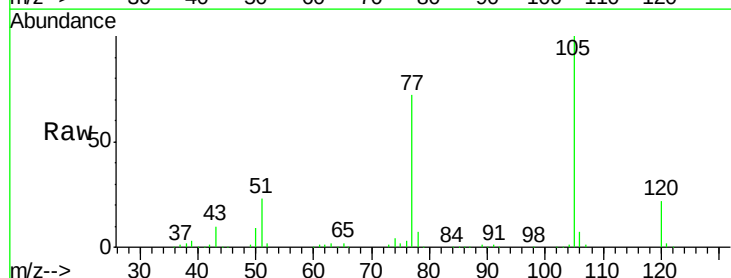
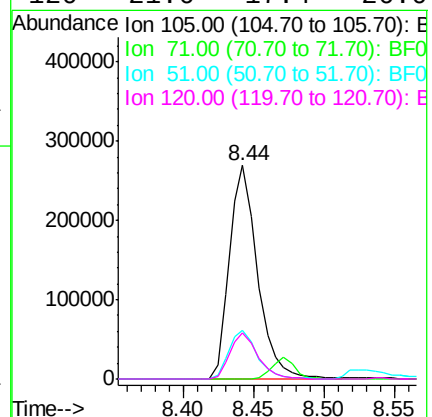
Manual Integrations
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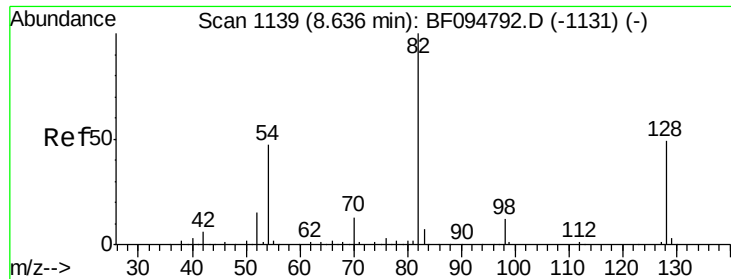
mohammad
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#22
Acetophenone
Concen: 42.34 ng
RT: 8.44 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	373148		
71	0.0	2.8	4.2#	
51	23.0	30.7	46.1#	
120	21.6	17.4	26.0	





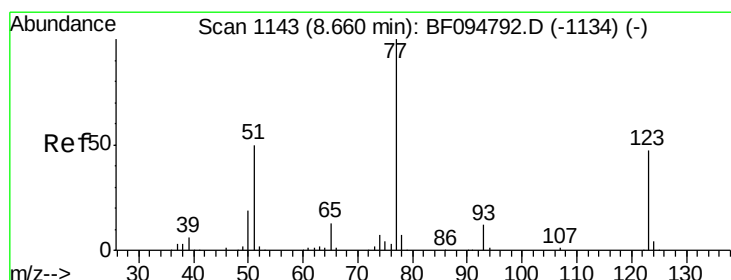
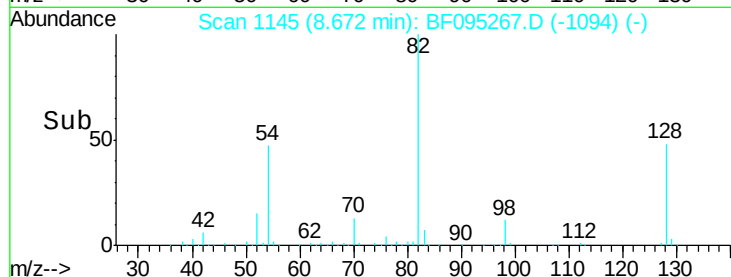
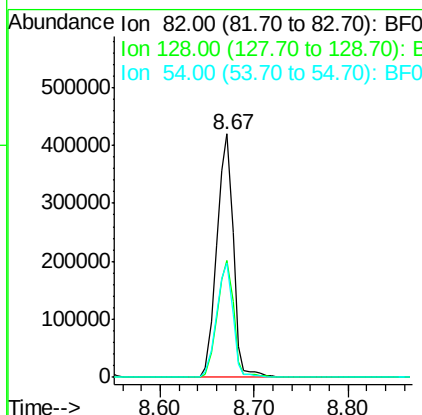
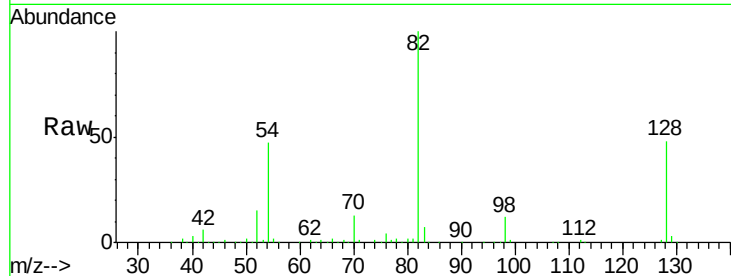
#23
 Nitrobenzene-d5
 Concen: 89.28 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	520067		
128	48.1		34.0	51.0
54	46.7		42.2	63.2

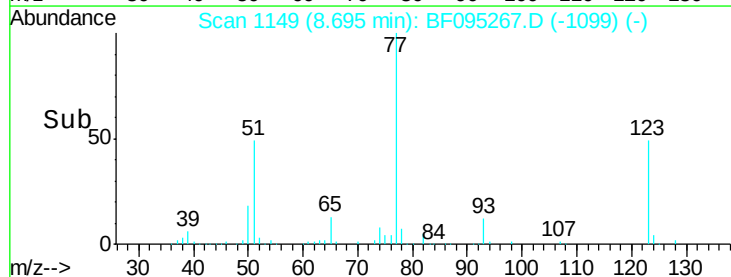
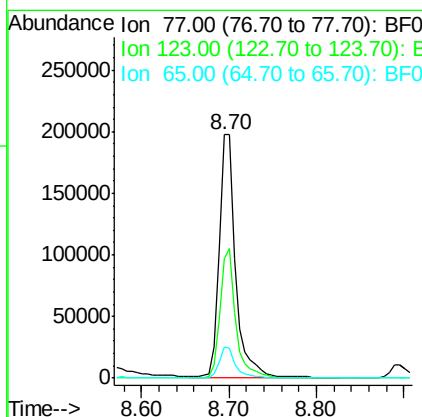
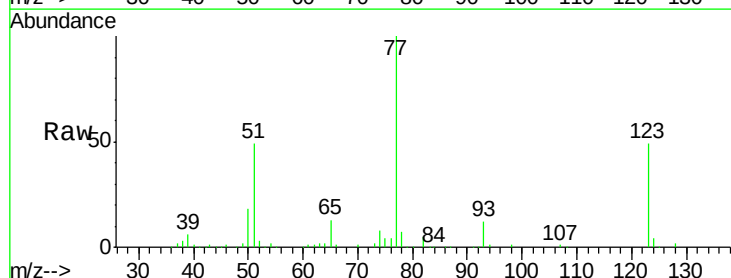
Manual Integrations
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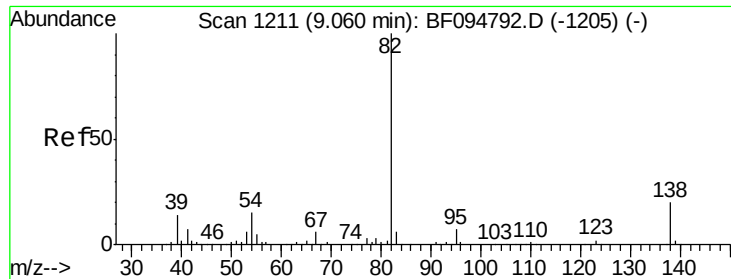
mohammad
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#24
 Nitrobenzene
 Concen: 42.35 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	258617		
123	48.8		35.8	53.8
65	13.0		10.6	15.8





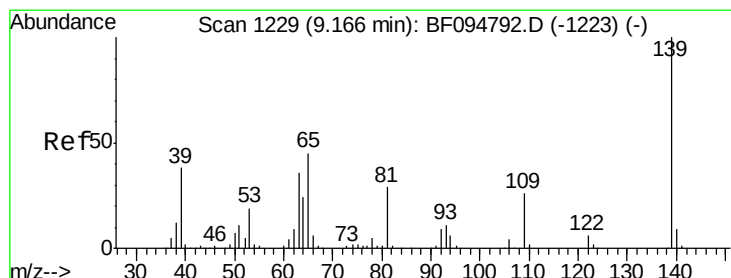
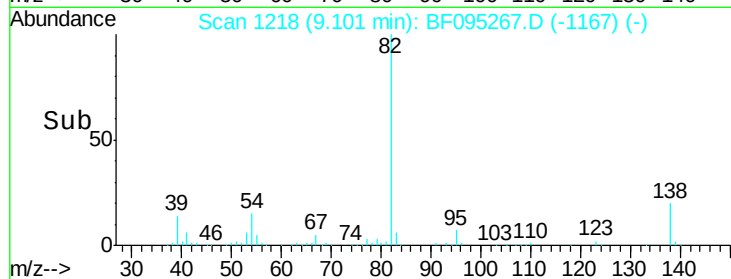
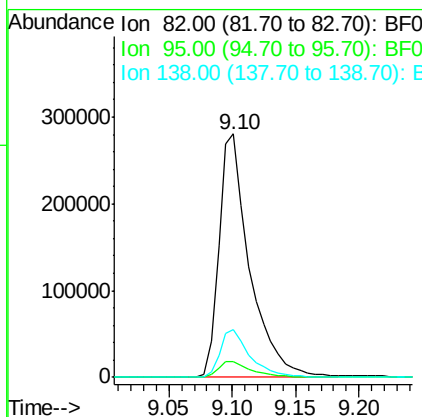
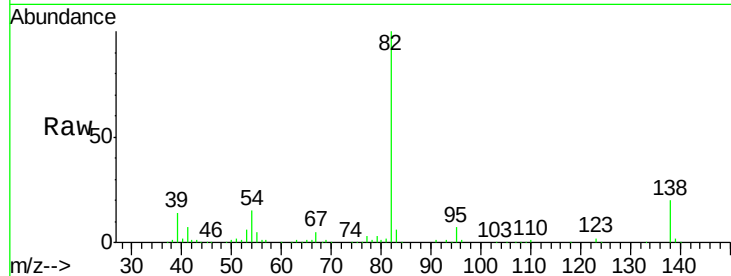
#25
Isophorone
Concen: 45.46 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	472851		
95	6.7	5.3	7.9	
138	19.8	13.1	19.7	

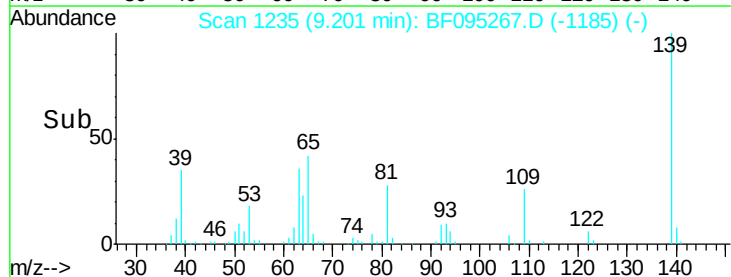
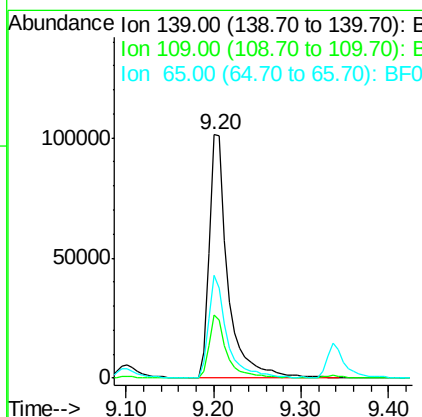
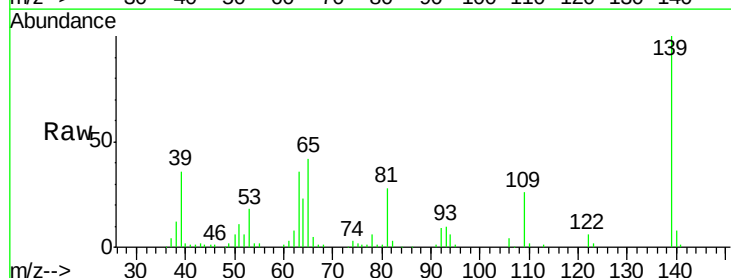
Manual Integrations
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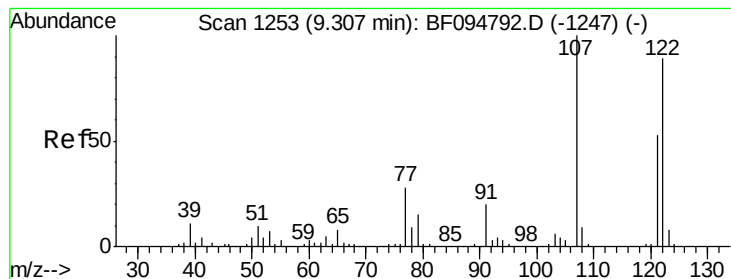
mohammad
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#26
2-Nitrophenol
Concen: 45.72 ng
RT: 9.20 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	150651		
109	25.8	21.0	31.6	
65	42.4	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 45.74 ng

RT: 9.34 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

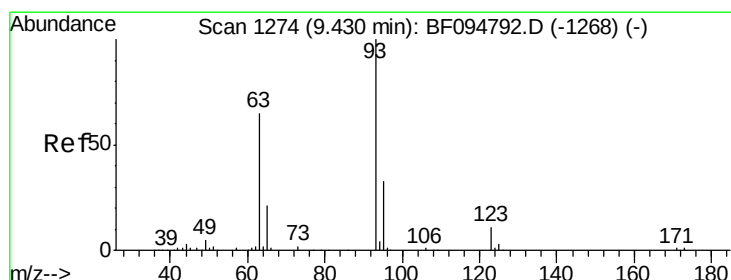
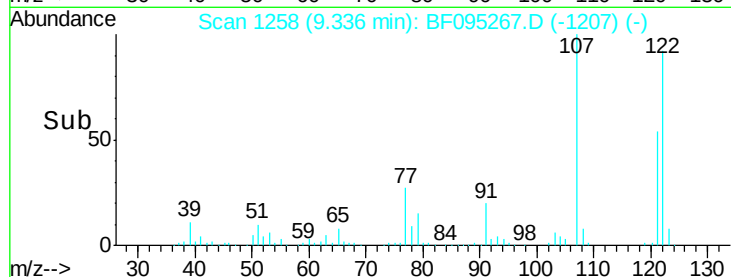
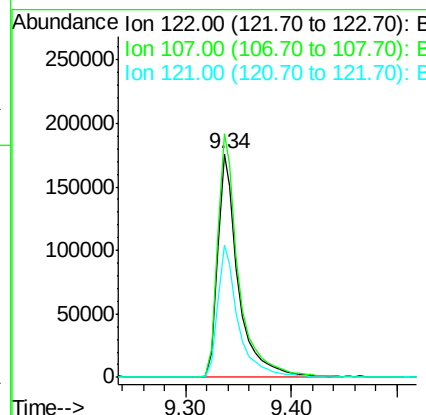
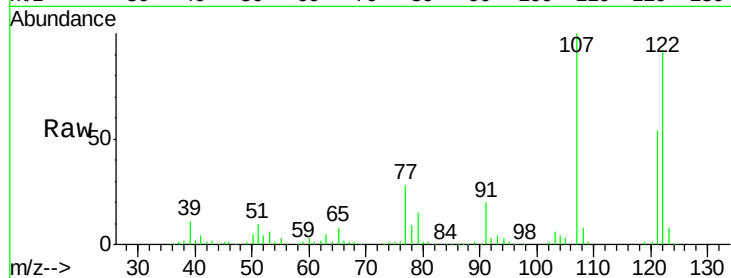
ClientSampleId :

PB99069BS

Tgt Ion:	122	Resp:	243682
Ion Ratio	Lower	Upper	
122	100		
107	109.1	89.2	133.8
121	59.2	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.79 ng

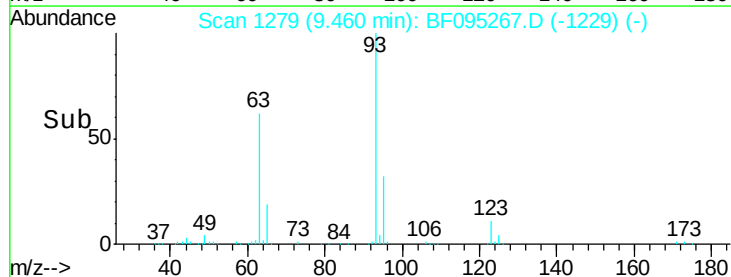
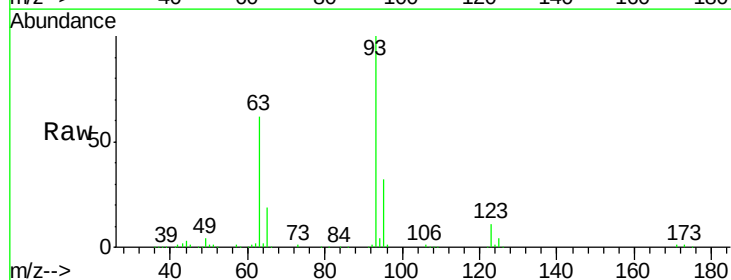
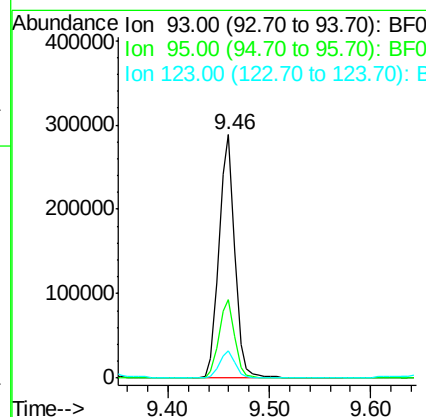
RT: 9.46 min Scan# 1279

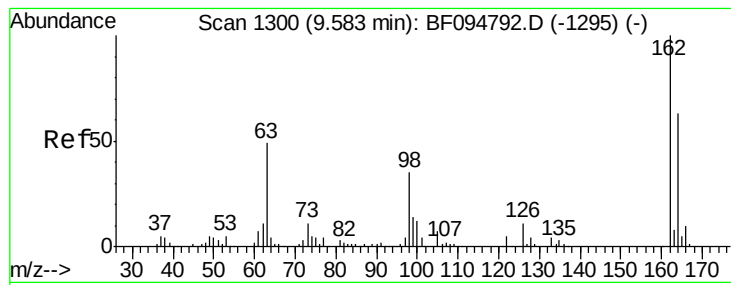
Delta R.T. -0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion:	93	Resp:	315083
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.5	39.7
123	11.1	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 46.24 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

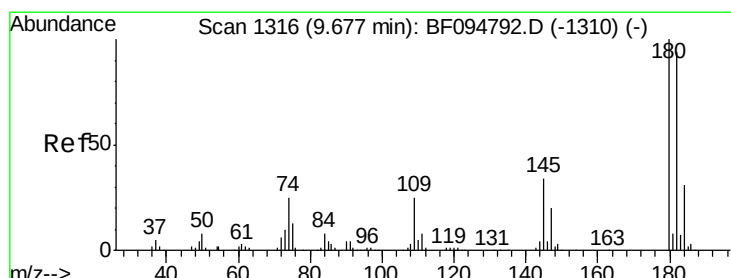
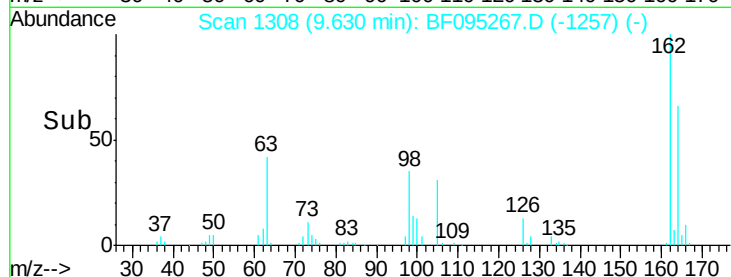
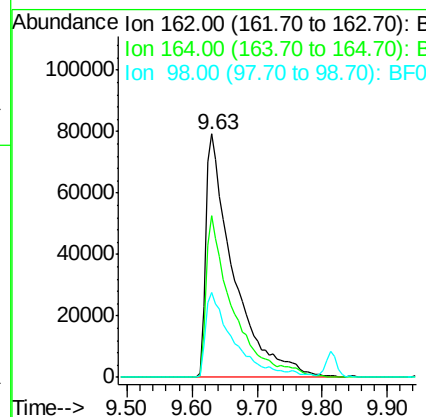
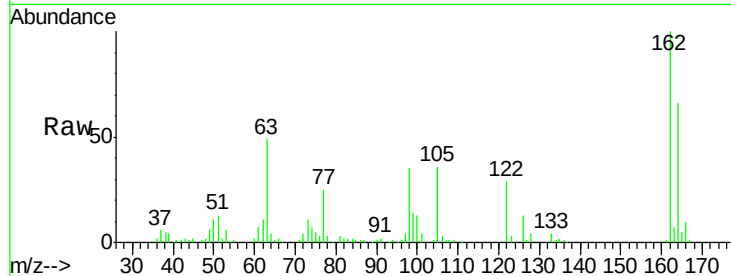
ClientSampled :

PB99069BS

Tgt Ion:	162	Resp:	232569
Ion Ratio	Lower	Upper	
162	100		
164	66.3	44.6	84.6
98	34.8	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 42.25 ng

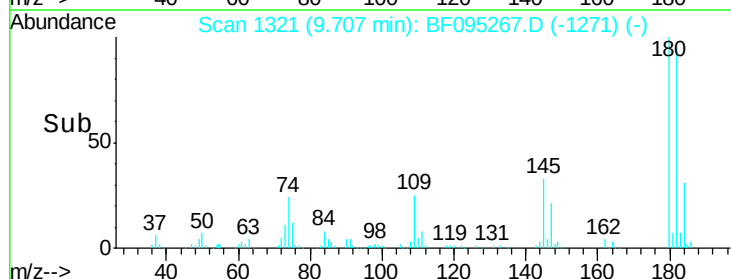
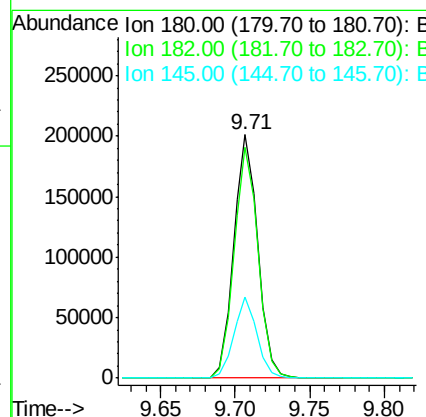
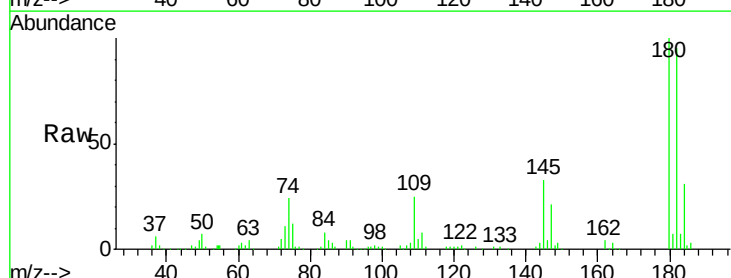
RT: 9.71 min Scan# 1321

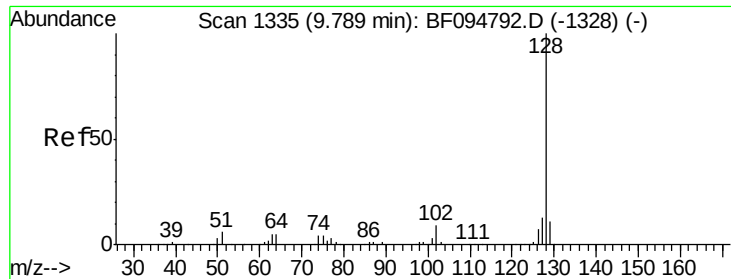
Delta R.T. -0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion:	180	Resp:	227685
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.8	113.6
145	33.2	25.3	37.9





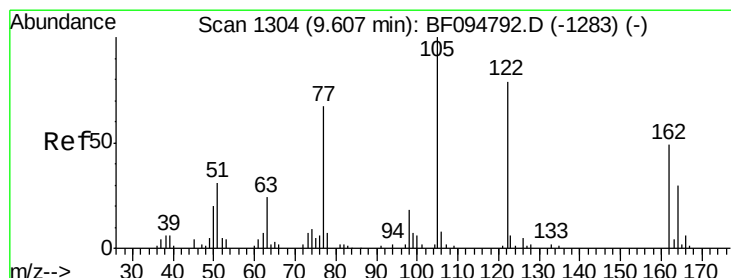
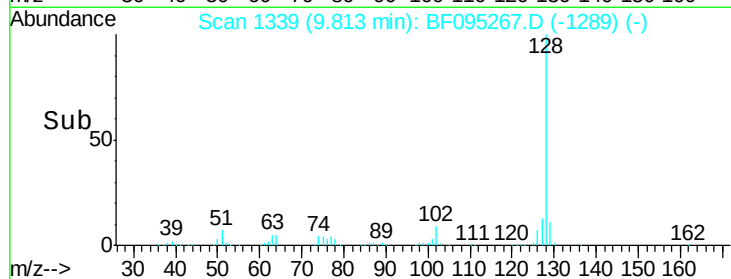
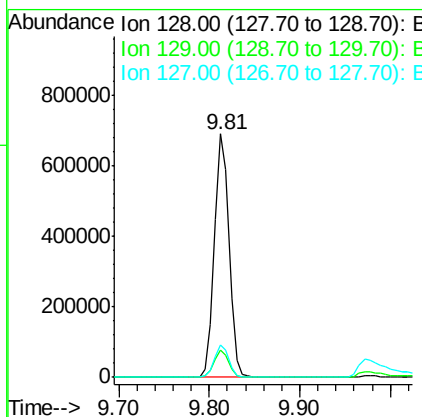
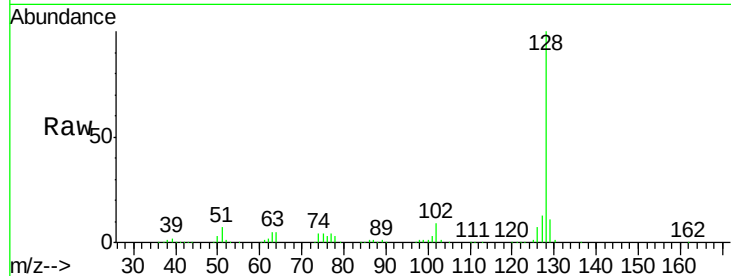
#31
Naphthalene
Concen: 42.04 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	776249		
129	11.4	9.0	13.6	
127	13.3	10.8	16.2	

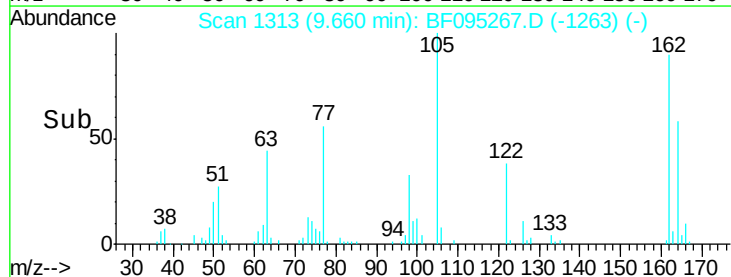
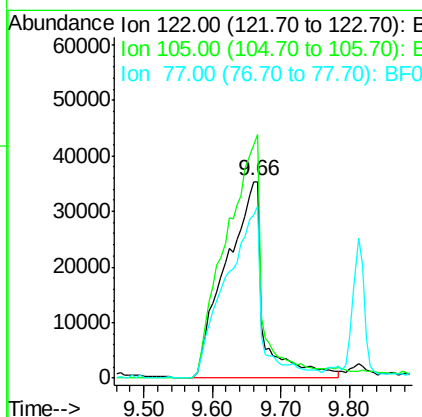
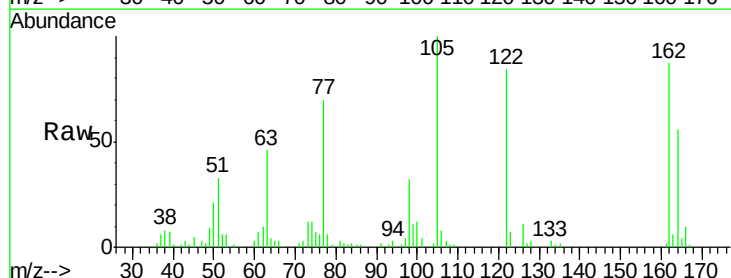
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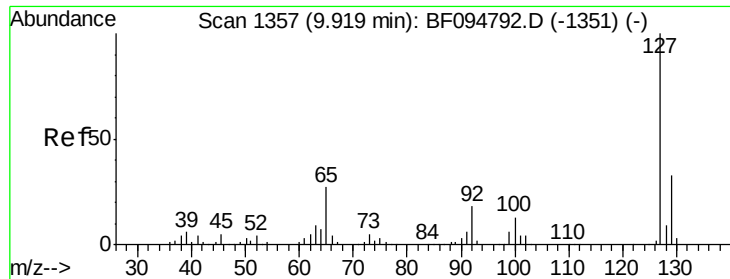
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#32
Benzoic acid
Concen: 39.59 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	134987		
105	118.7	103.3	143.3	
77	82.7	73.7	113.7	





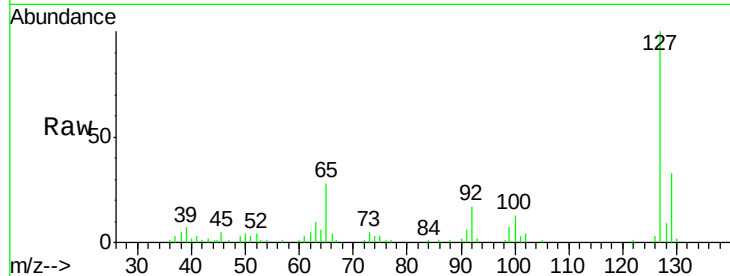
#33
 4-Chloroaniline
 Concen: 19.08 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

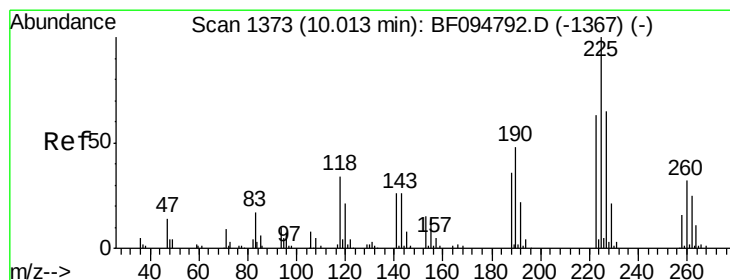
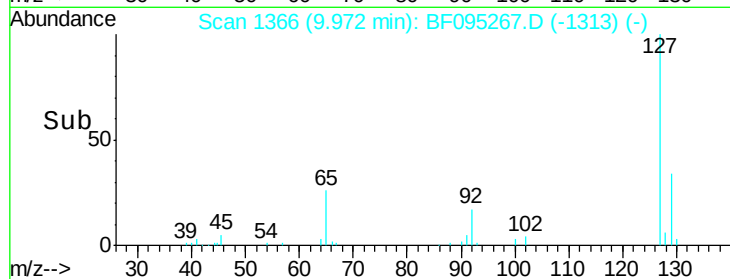
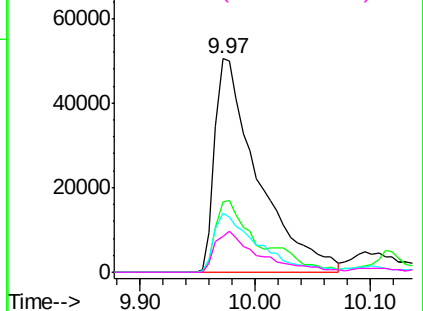
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.1	26.2	39.2
65	27.9	27.8	41.8
92	16.9	16.8	25.2

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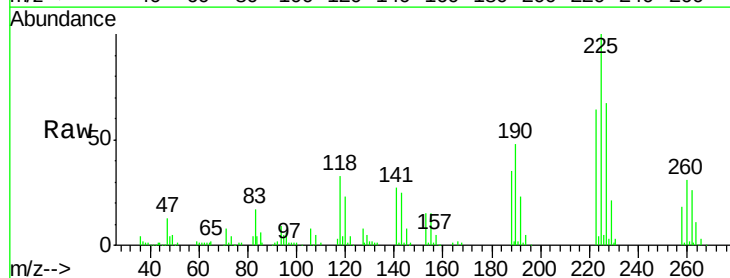


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

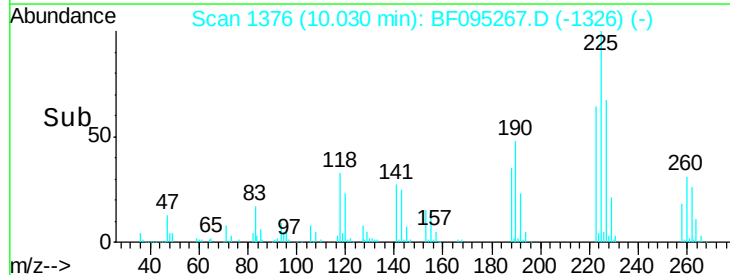
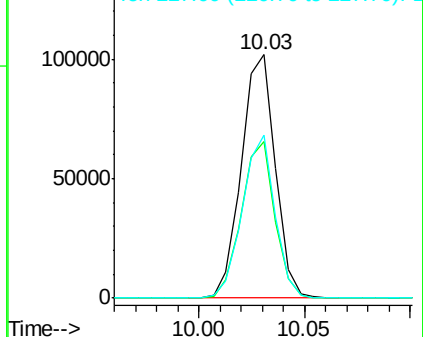


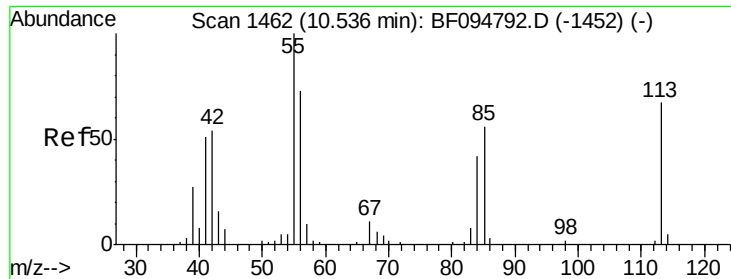
#34
 Hexachlorobutadiene
 Concen: 39.79 ng
 RT: 10.03 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.4	48.8	73.2
227	67.0	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





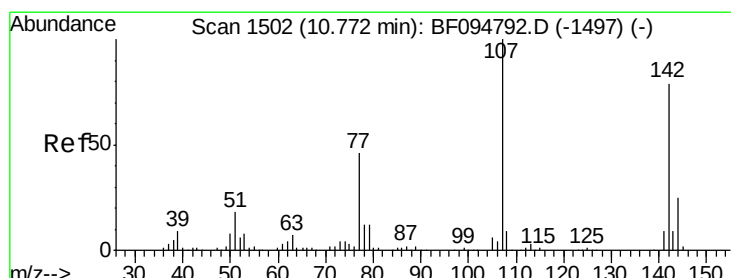
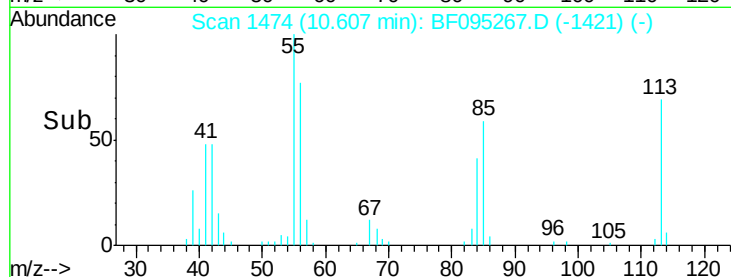
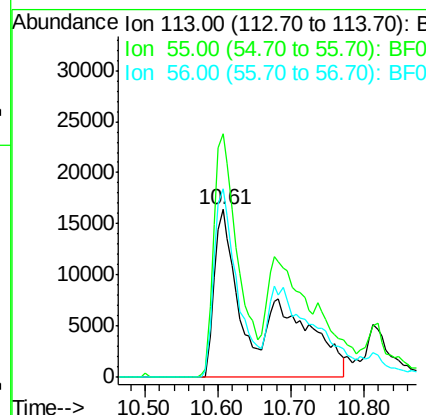
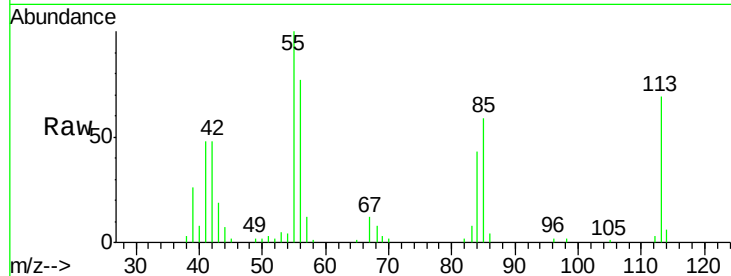
#35
 Caprolactam
 Concen: 44.68 ng m
 RT: 10.61 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion: 113 Resp: 67488
 Ion Ratio Lower Upper
 113 100
 55 145.3 150.2 190.2#
 56 112.5 107.8 147.8

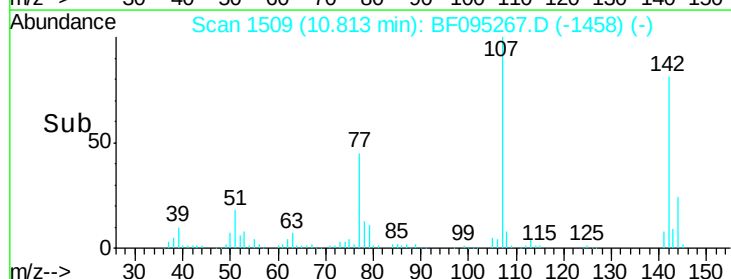
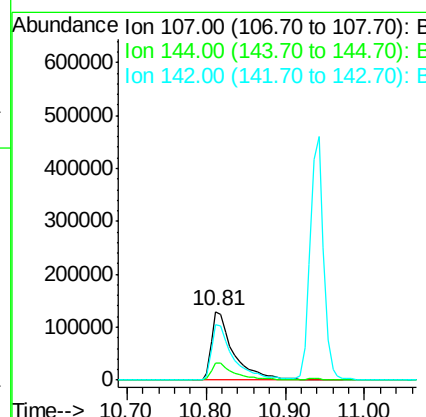
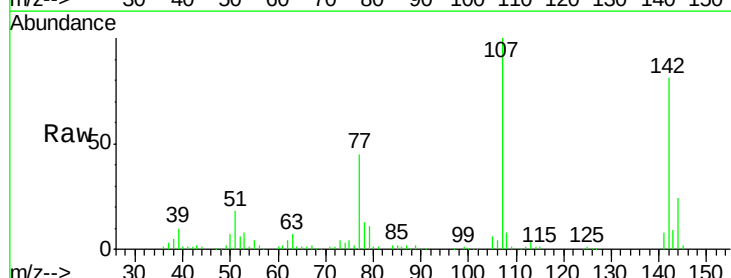
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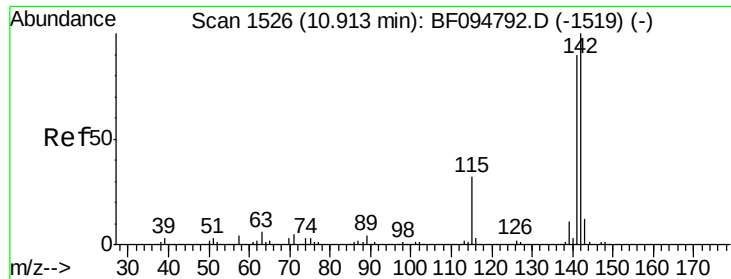
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#36
 4-Chloro-3-methylphenol
 Concen: 46.42 ng
 RT: 10.81 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion: 107 Resp: 249650
 Ion Ratio Lower Upper
 107 100
 144 24.4 24.2 36.4
 142 80.8 73.4 110.0





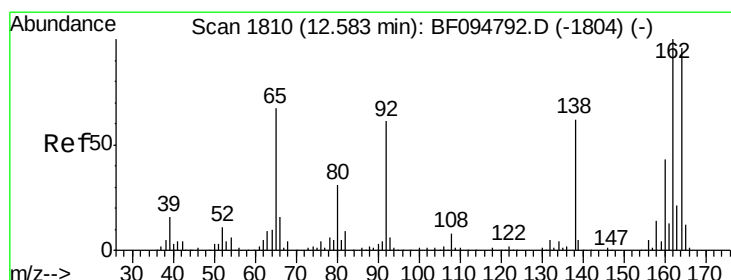
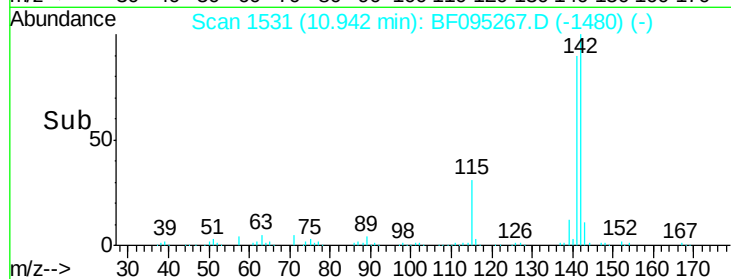
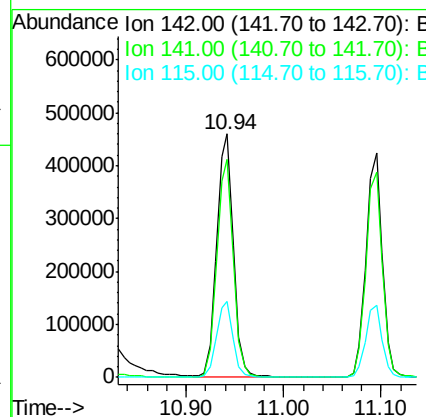
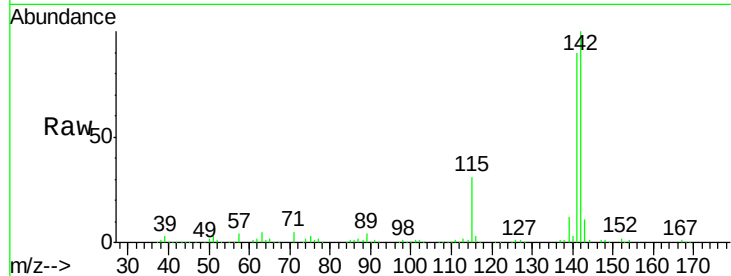
#37
 2-Methylnaphthalene
 Concen: 44.66 ng
 RT: 10.94 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	31.0	27.1	40.7

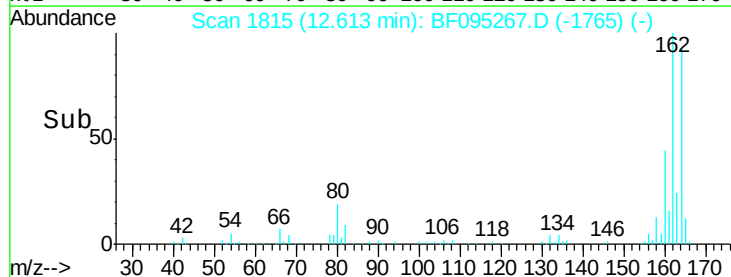
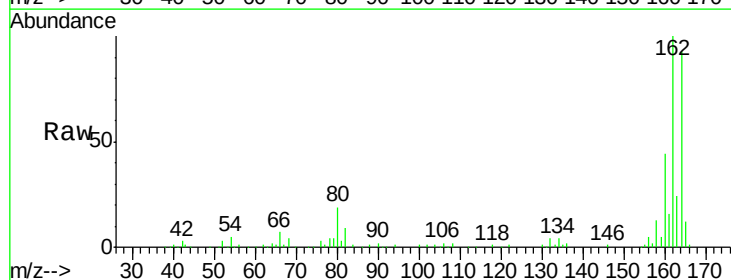
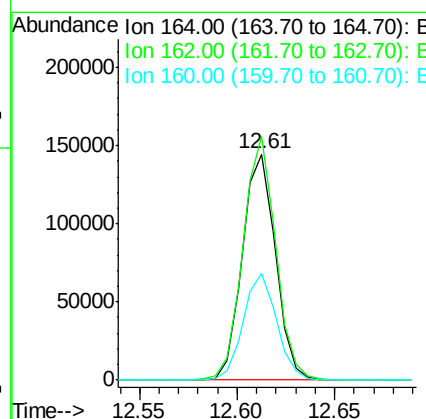
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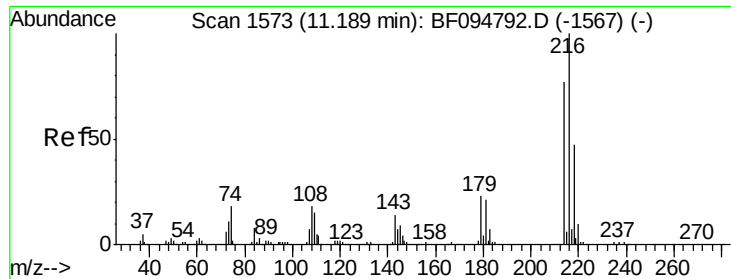
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	82.6	123.8
160	47.2	36.2	54.2





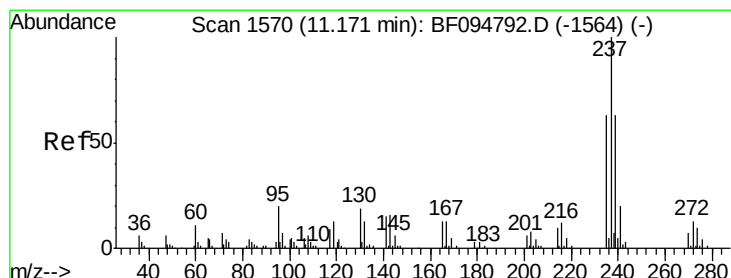
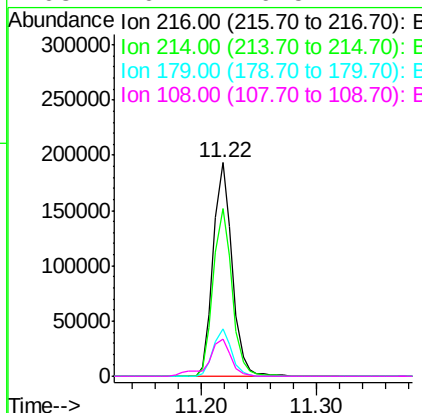
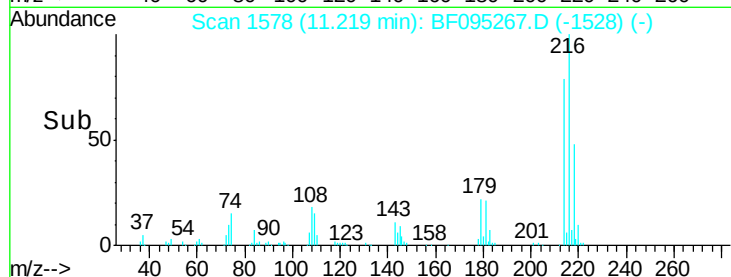
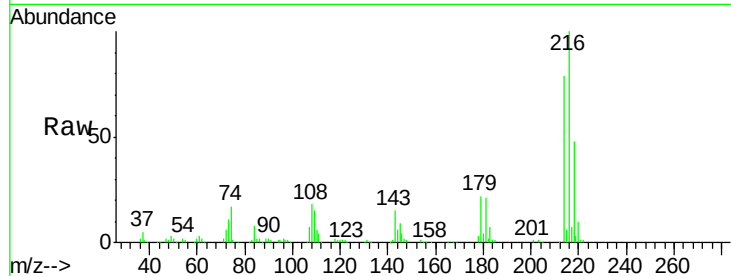
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.15 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	220443		
214	78.2	63.4	95.2	
179	21.2	17.9	26.9	
108	20.2	16.5	24.7	

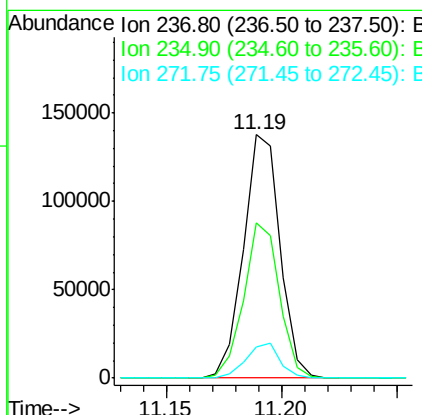
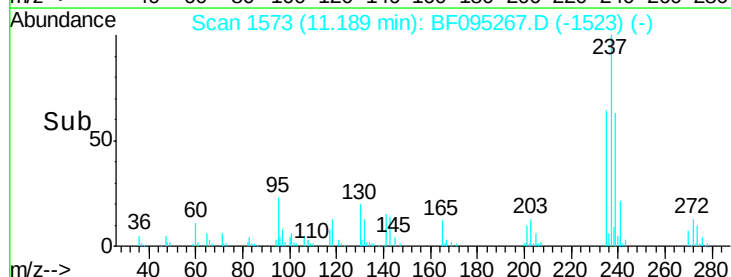
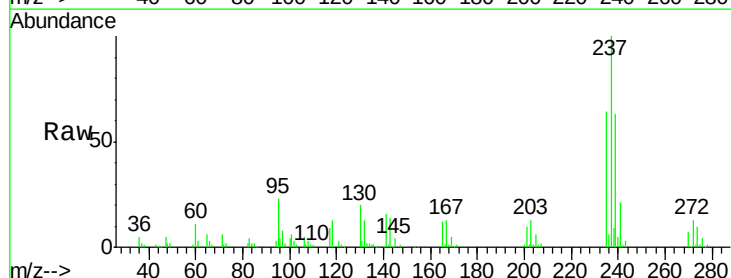
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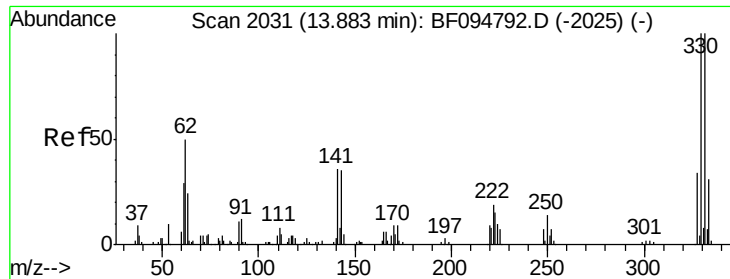
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#40
 Hexachlorocyclopentadiene
 Concen: 70.11 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	152375		
235	63.6	42.6	82.6	
272	12.9	0.0	31.9	





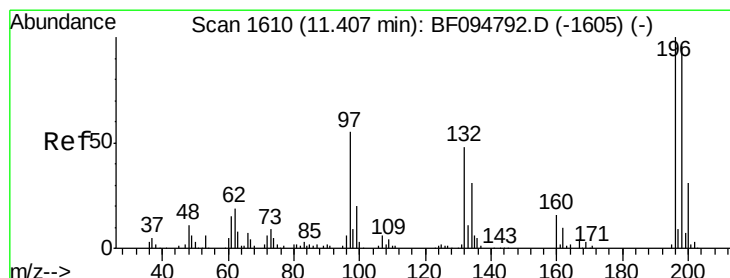
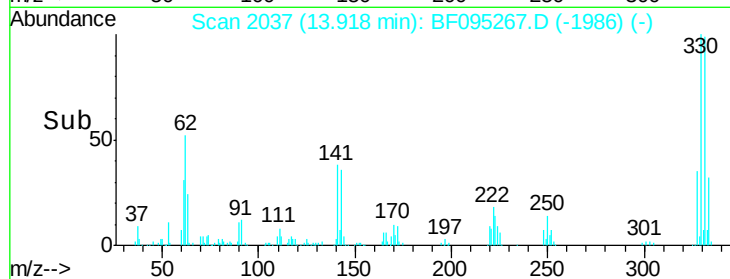
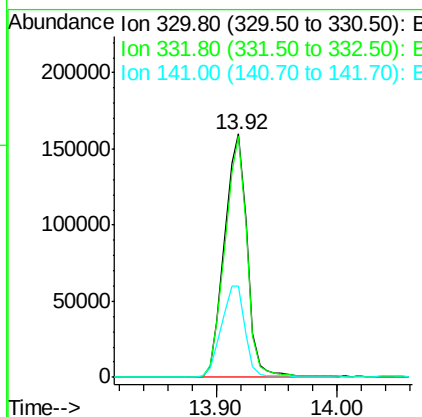
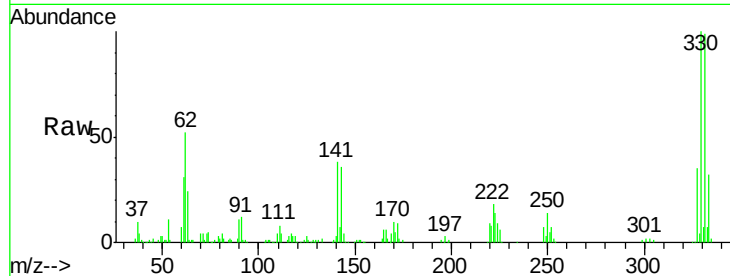
#41
 2,4,6-Tribromophenol
 Concen: 150.55 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	209688		
332	96.8	76.6	115.0	
141	39.4	31.4	47.2	

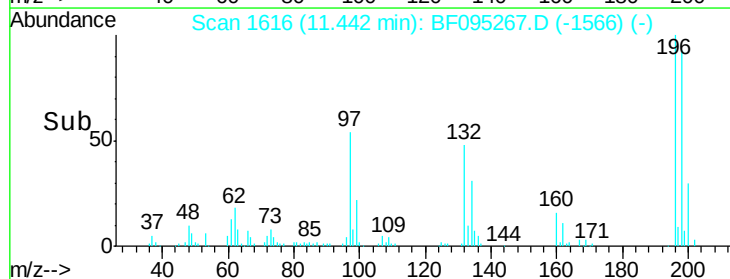
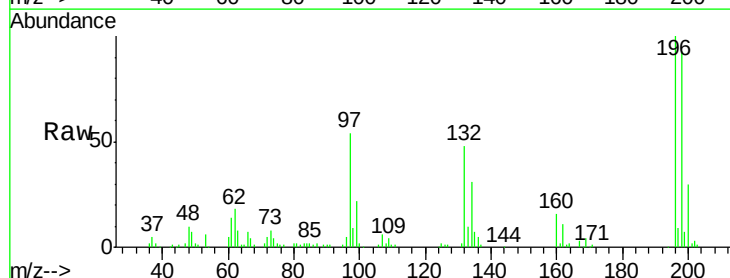
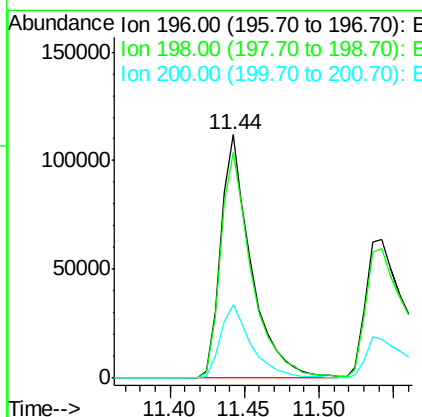
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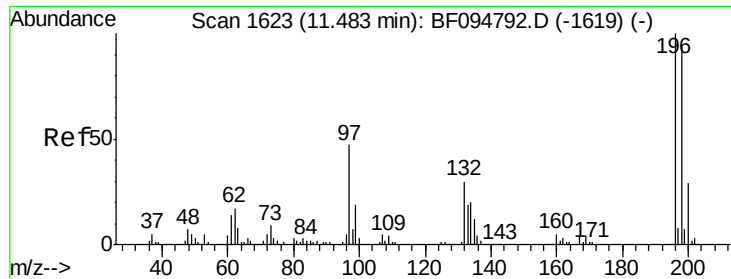
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#42
 2,4,6-Trichlorophenol
 Concen: 45.91 ng
 RT: 11.44 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160324		
198	92.6	74.2	111.4	
200	30.4	24.0	36.0	





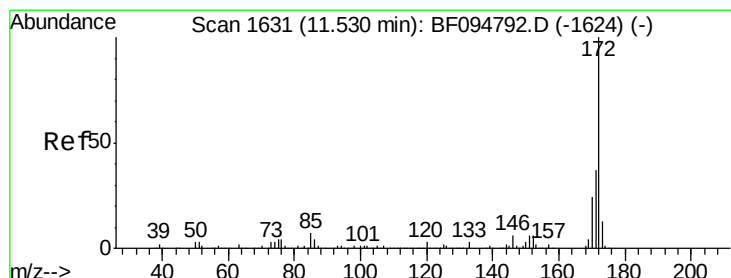
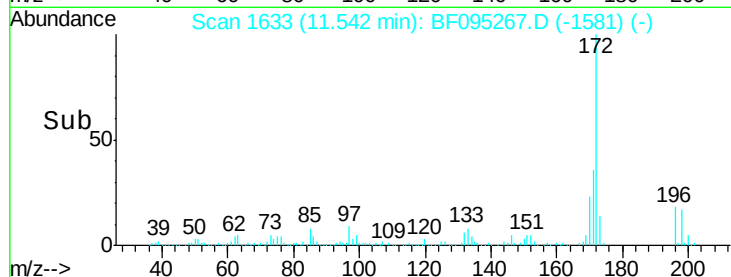
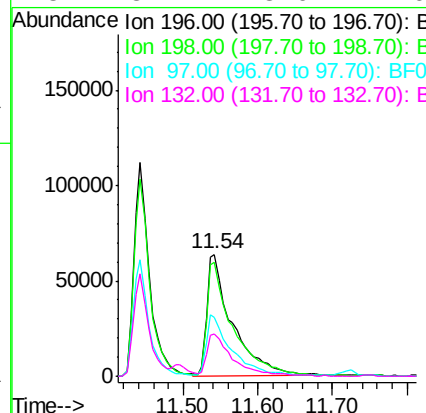
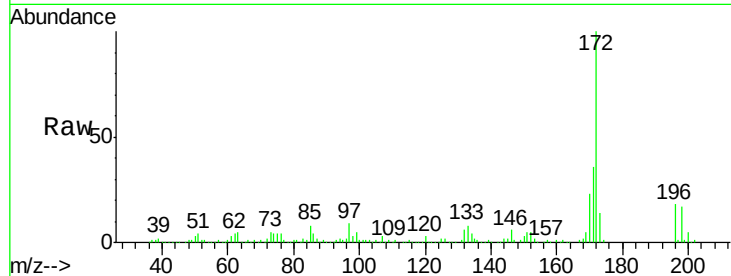
#43
 2,4,5-Trichlorophenol
 Concen: 40.47 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151868		
198	93.6	75.7	113.5	
97	47.9	47.7	71.5	
132	34.7	28.0	42.0	

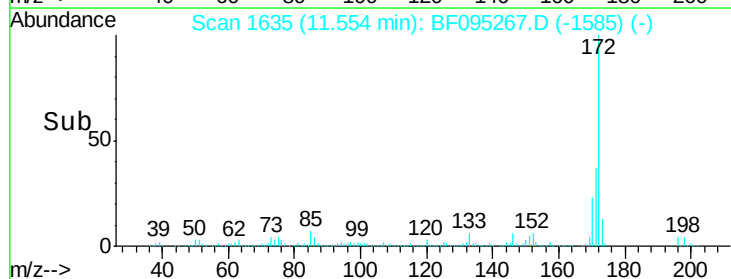
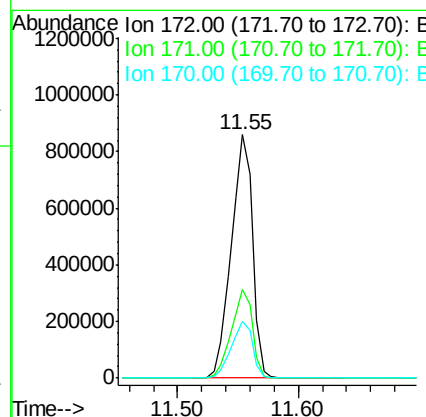
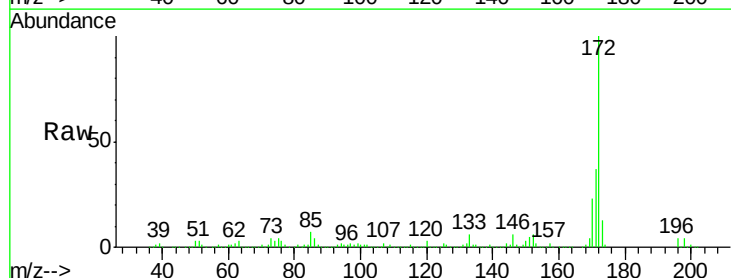
Manual Integrations
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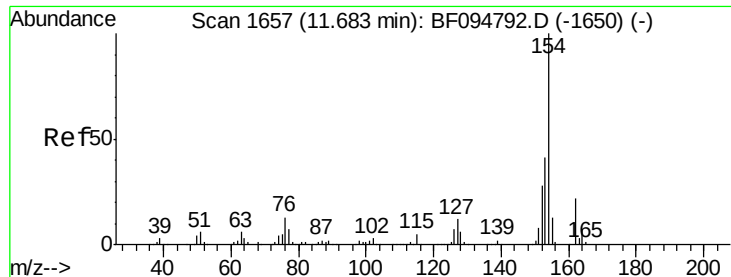
mohammad
 5/22/2017 1:29:43 PM



#44
 2-Fluorobiphenyl
 Concen: 88.73 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1048339		
171	36.6	29.6	44.4	
170	23.5	19.8	29.8	





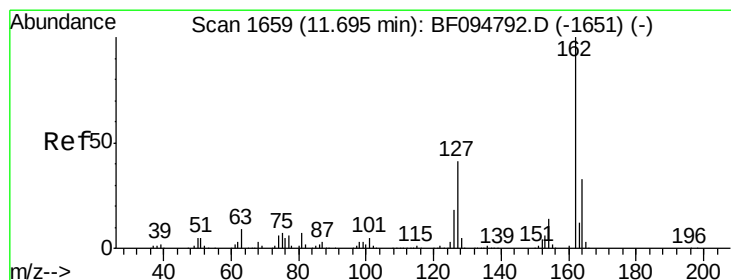
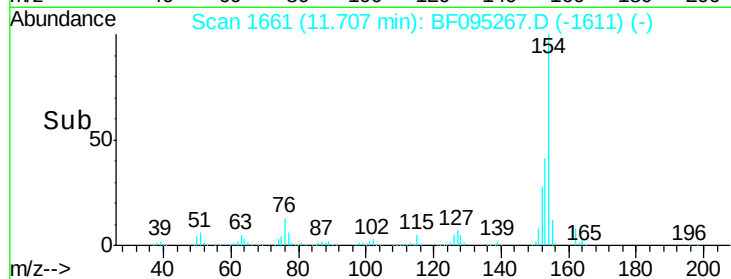
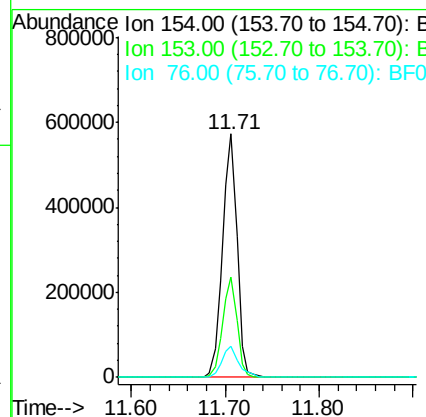
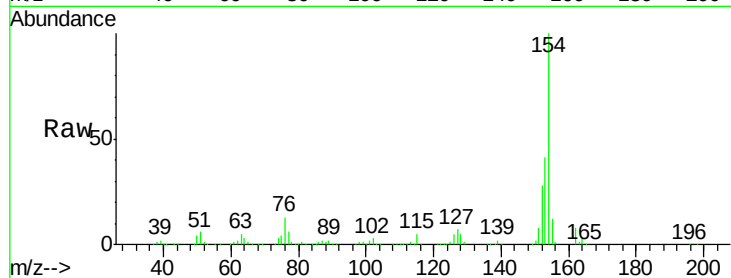
#45
 1,1'-Biphenyl
 Concen: 43.76 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.4	21.2	61.2
76	12.5	0.0	29.9

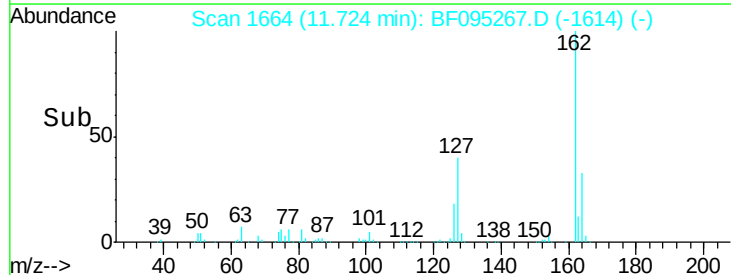
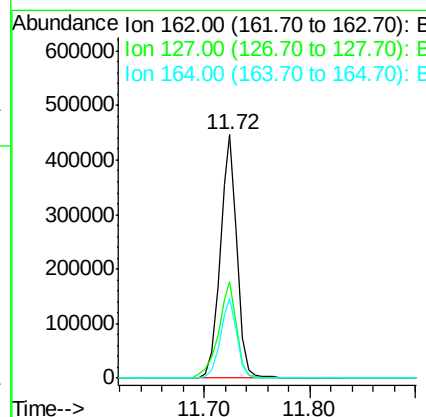
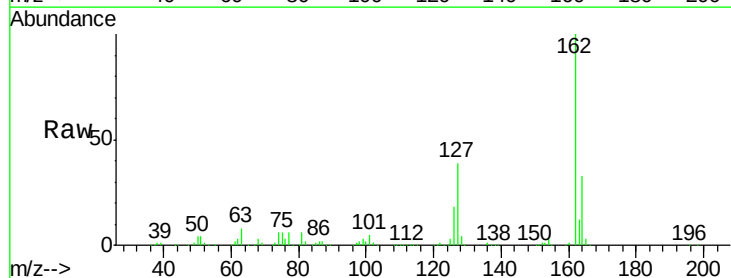
Manual Integrations
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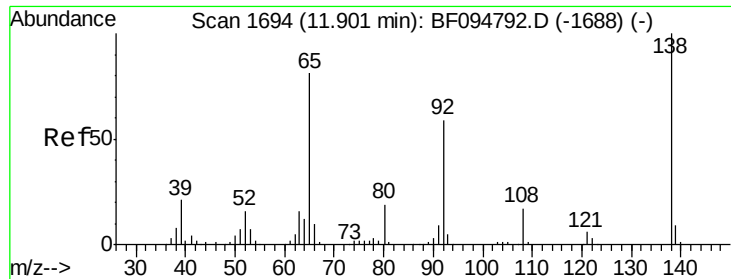
mohammad
 5/22/2017 1:29:43 PM



#46
 2-Chloronaphthalene
 Concen: 42.91 ng
 RT: 11.72 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.5	28.3	42.5
164	32.9	27.0	40.4





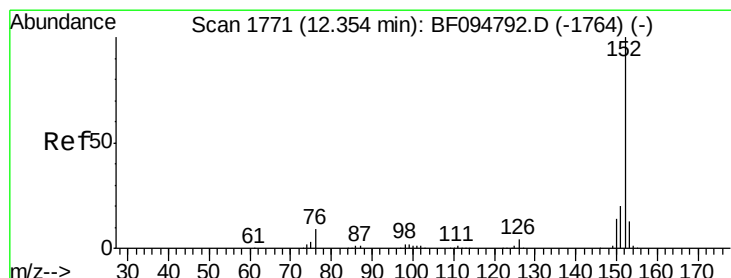
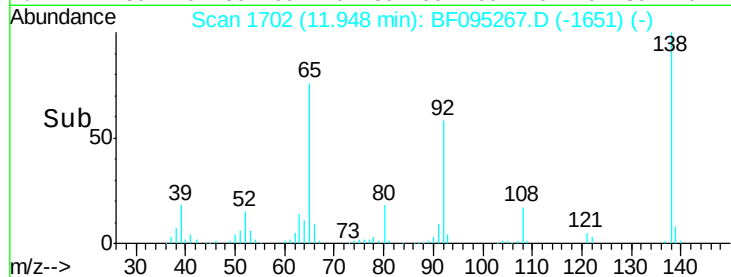
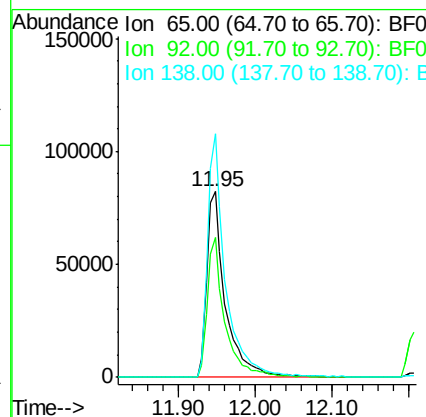
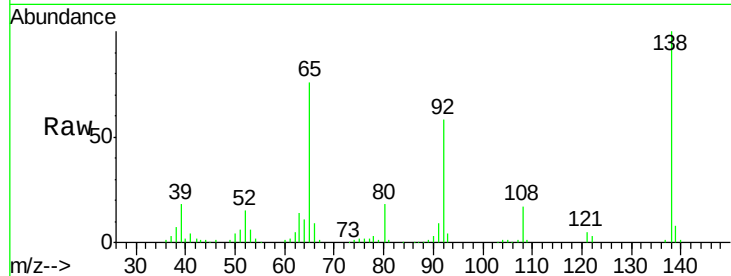
#47
 2-Nitroaniline
 Concen: 43.84 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	53.9	80.9
138	131.0	78.8	118.2#

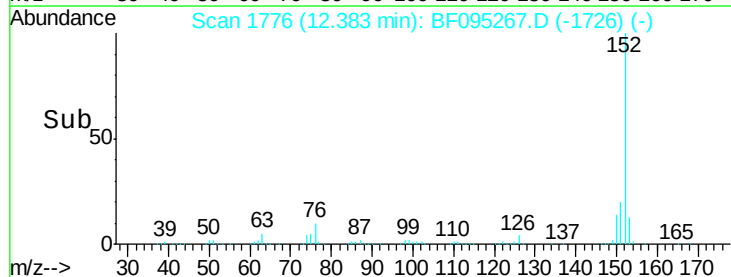
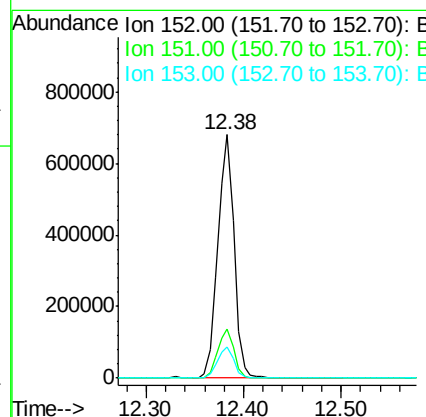
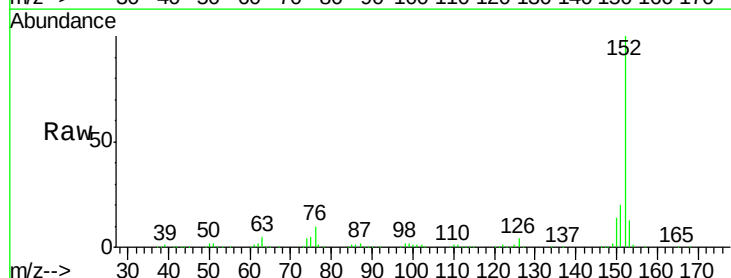
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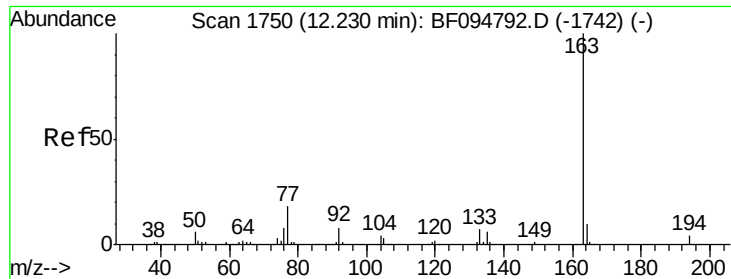
mohammad
 5/22/2017 1:29:43 PM



#48
 Acenaphthylene
 Concen: 43.58 ng
 RT: 12.38 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.0	10.8	16.2





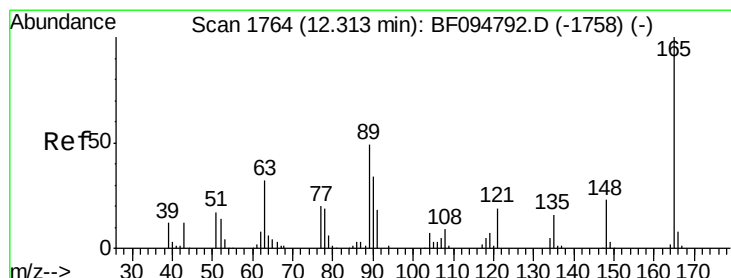
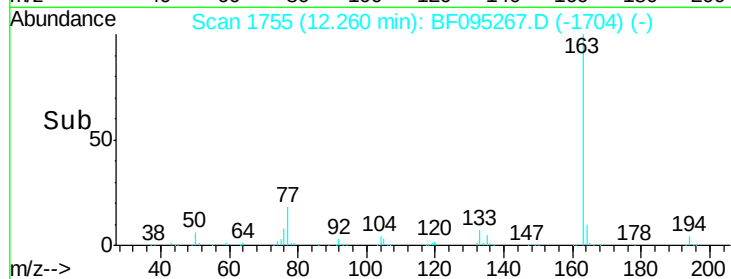
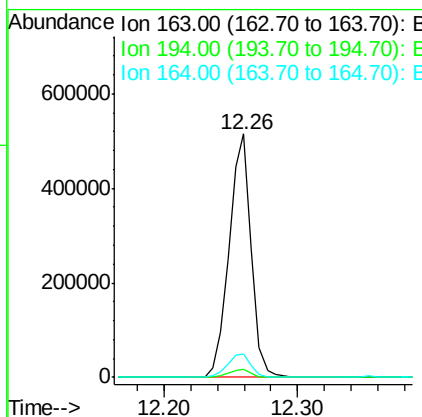
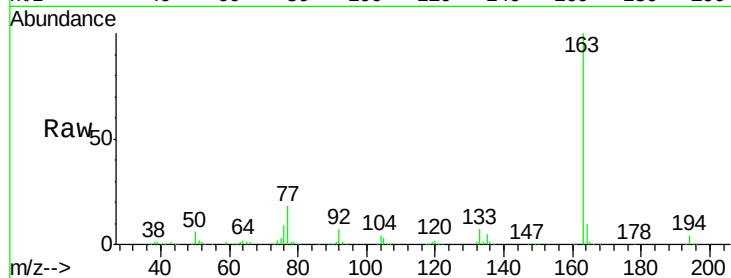
#49
Dimethylphthalate
Concen: 42.78 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	597242		
194	3.6		2.6	4.0
164	9.9		8.4	12.6

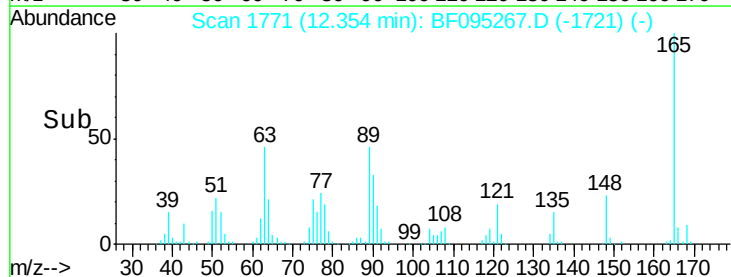
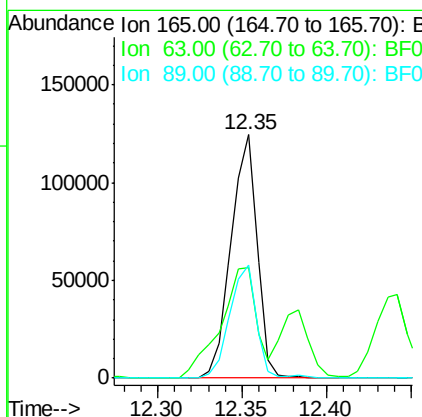
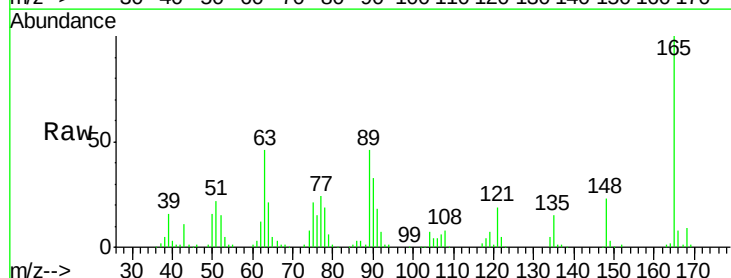
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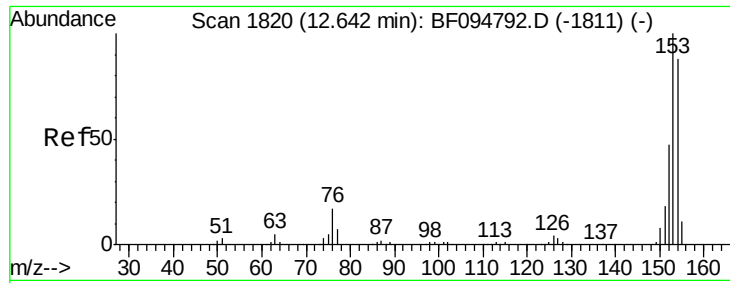
mohammad
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#50
2,6-Dinitrotoluene
Concen: 46.75 ng
RT: 12.35 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133166		
63	45.7		34.3	51.5
89	46.3		37.1	55.7





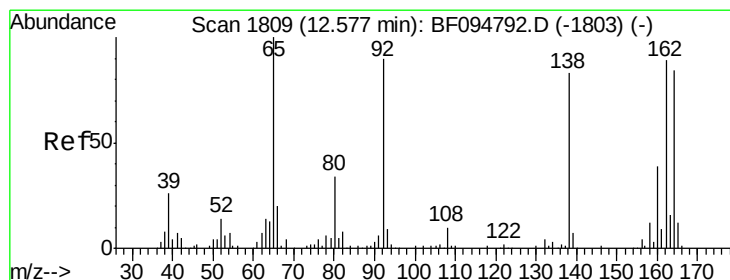
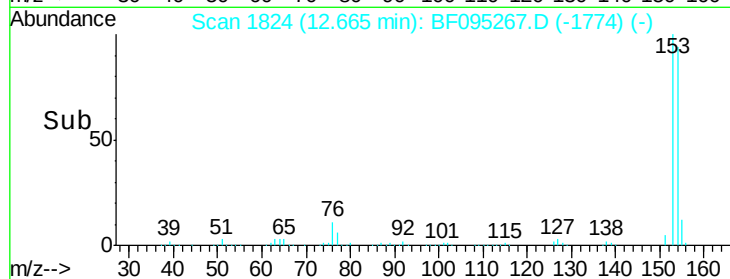
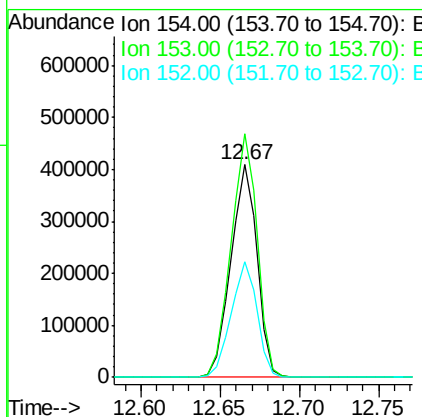
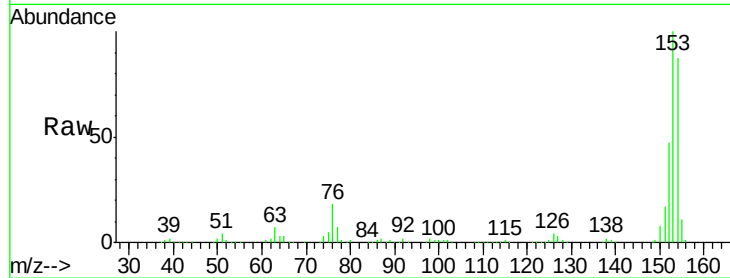
#51
Acenaphthene
Concen: 43.14 ng
RT: 12.67 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	466583		
153	114.7	90.5	135.7	
152	54.3	43.6	65.4	

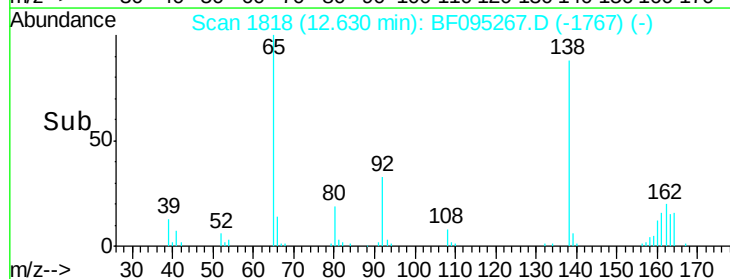
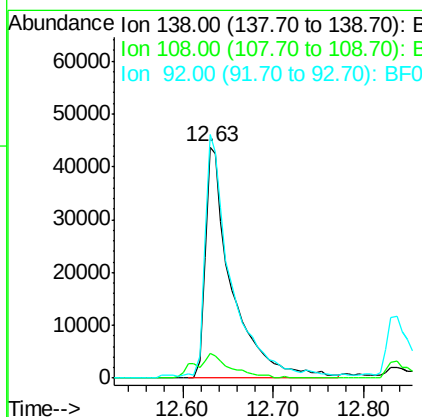
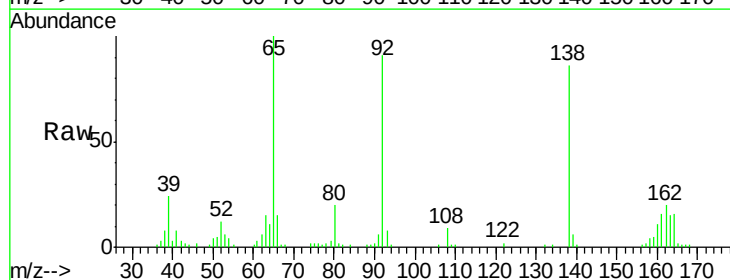
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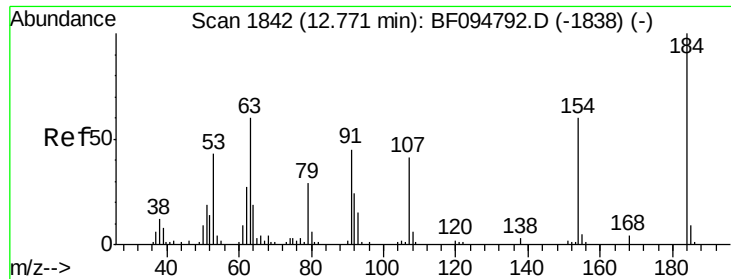
mohammad
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#52
3-Nitroaniline
Concen: 29.21 ng
RT: 12.63 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	89299		
108	10.8	9.1	13.7	
92	105.2	93.8	140.6	





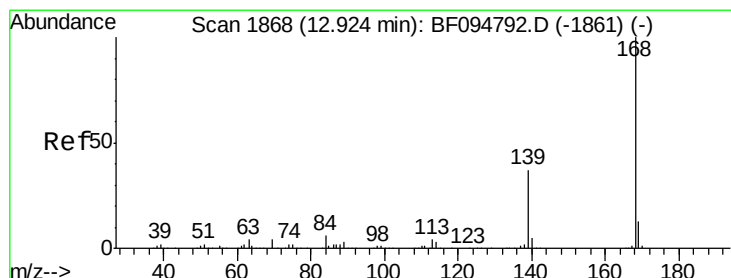
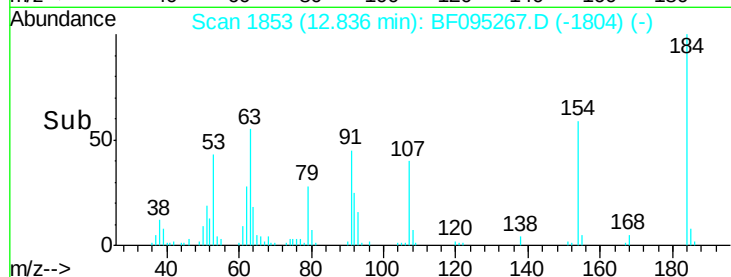
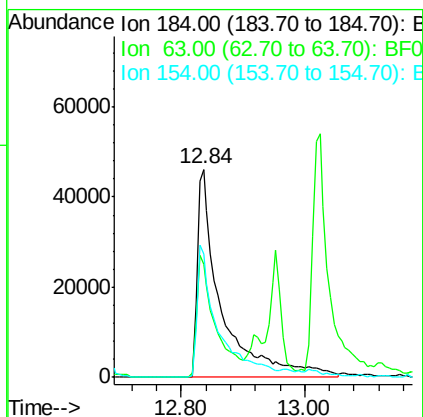
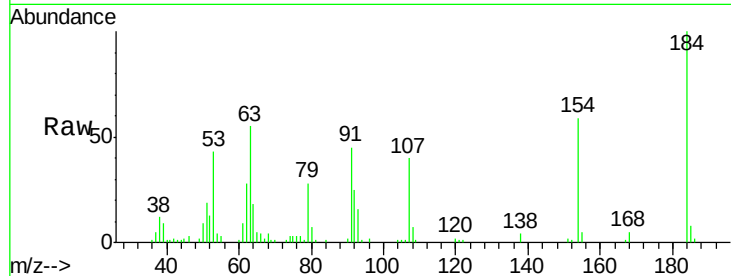
#53
2,4-Dinitrophenol
Concen: 79.19 ng
RT: 12.84 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion:184 Resp: 124128
Ion Ratio Lower Upper
184 100
63 54.7 62.7 94.1#
154 59.2 81.1 121.7#

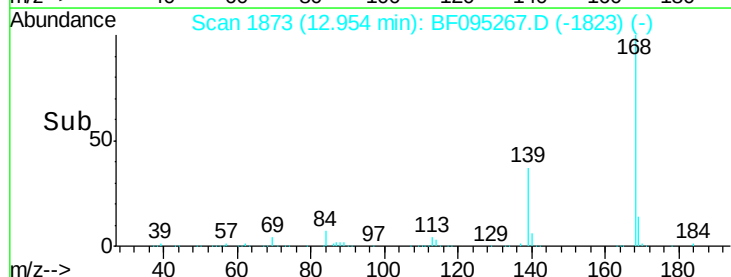
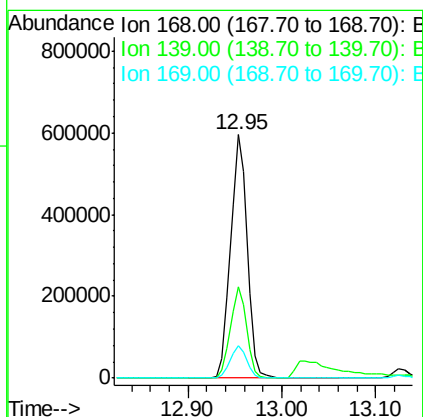
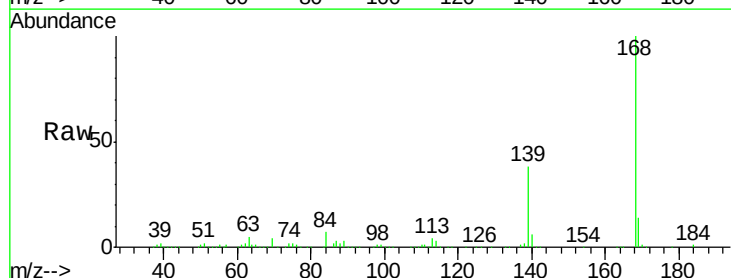
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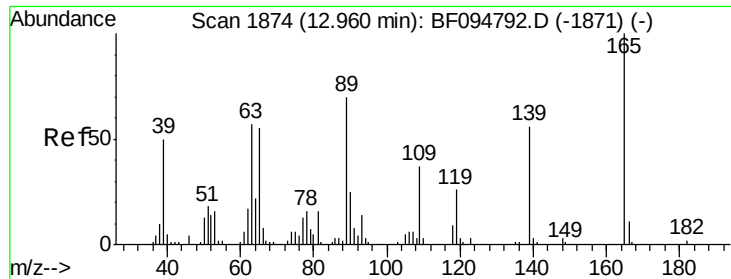
mohammad
5/22/2017 1:29:43 PM



#54
Dibenzofuran
Concen: 48.88 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion:168 Resp: 731688
Ion Ratio Lower Upper
168 100
139 37.8 30.6 45.8
169 13.6 10.8 16.2





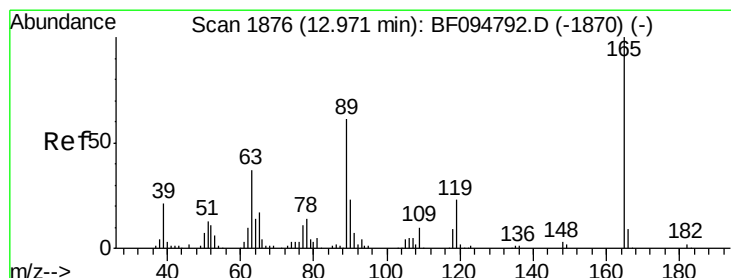
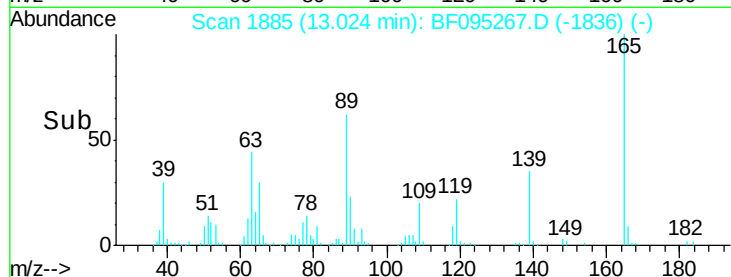
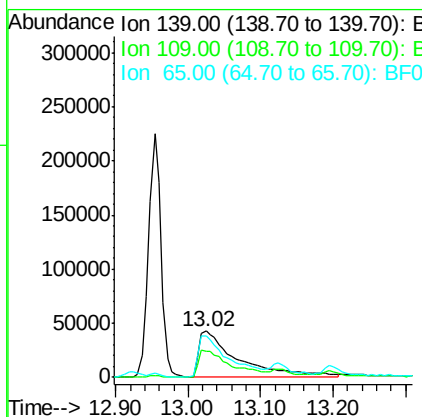
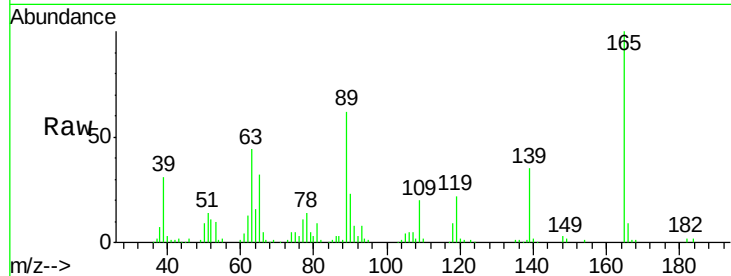
#55
4-Nitrophenol
Concen: 85.48 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156952		
109	57.0	34.1	74.1	
65	90.3	31.4	71.4	

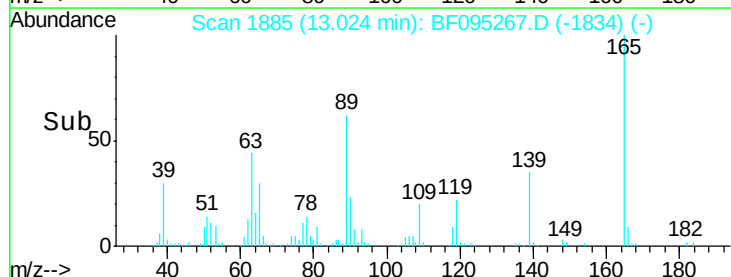
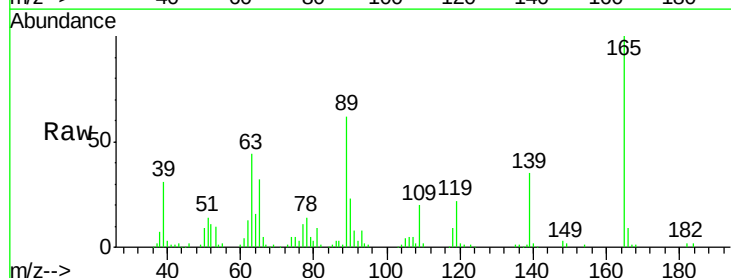
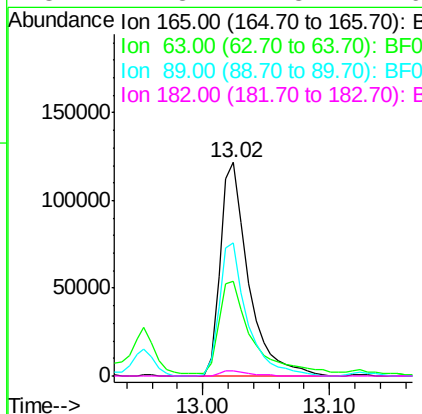
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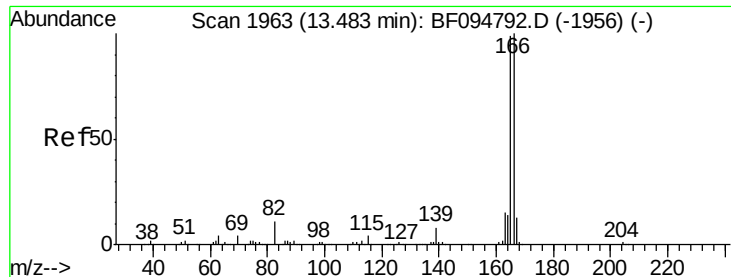
mohammad
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#56
2,4-Dinitrotoluene
Concen: 51.45 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188322		
63	44.4	25.4	38.0	
89	62.4	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 45.55 ng

RT: 13.51 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

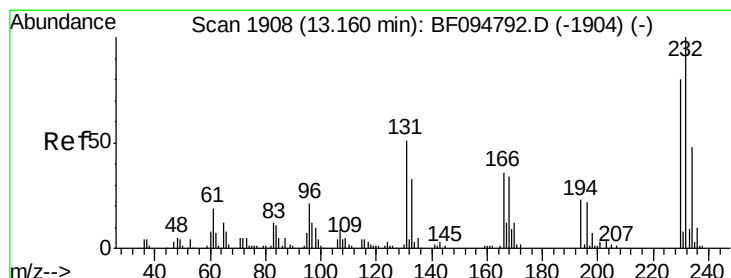
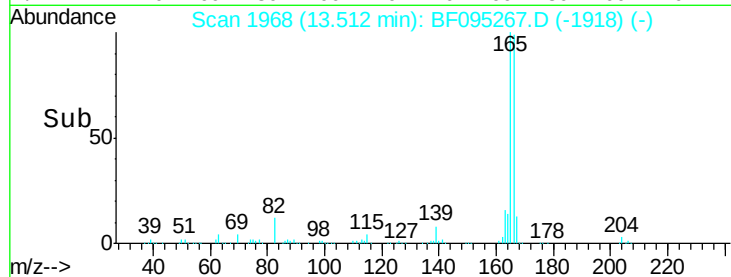
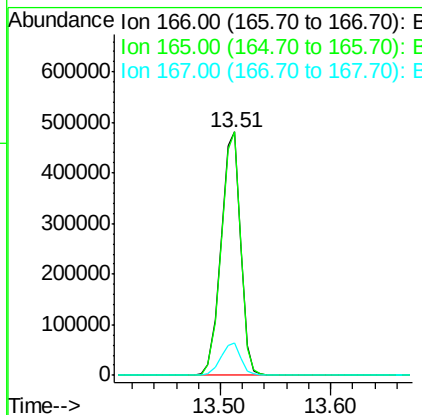
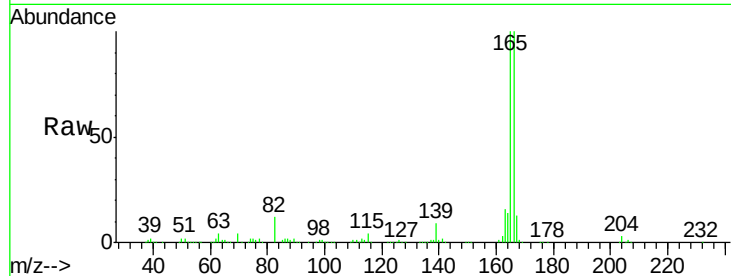
ClientSampleId :

PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	592779		
165	100.1	78.8	118.2	
167	13.4	10.6	16.0	

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5/22/2017 1:29:43 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.44 ng

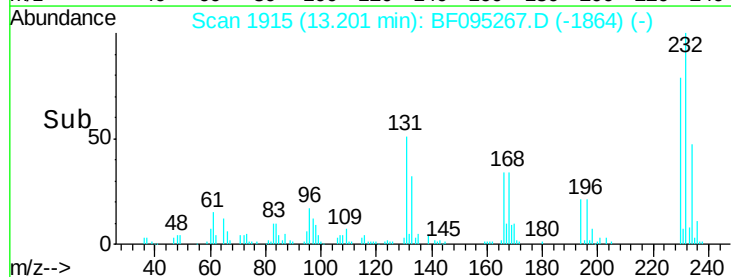
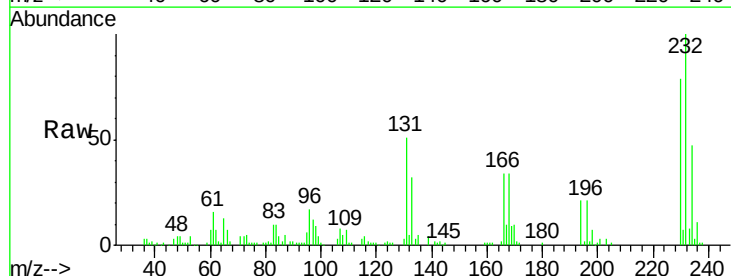
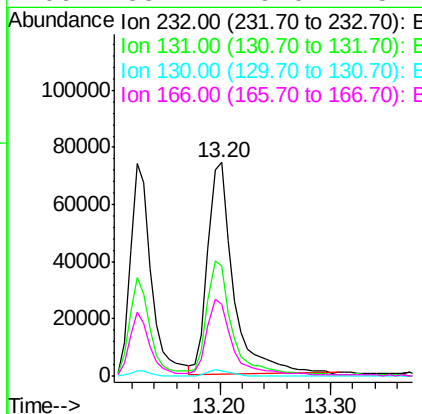
RT: 13.20 min Scan# 1915

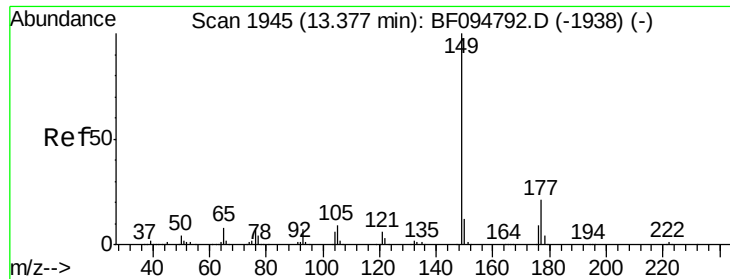
Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	119137		
131	50.5	44.8	67.2	
130	2.4	2.3	3.5	
166	35.4	29.0	43.4	





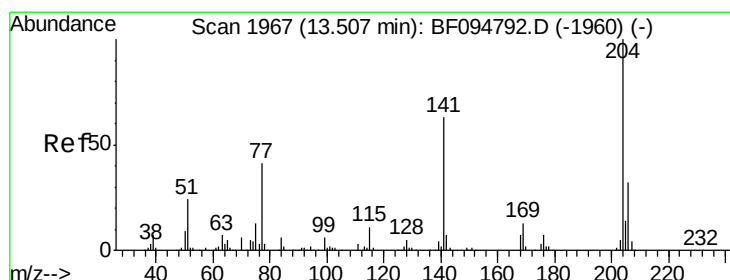
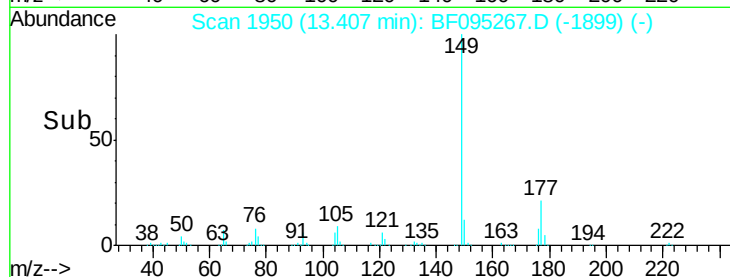
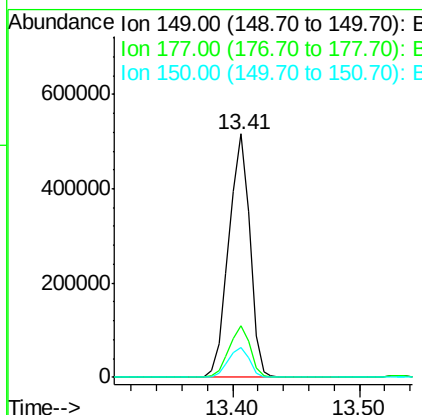
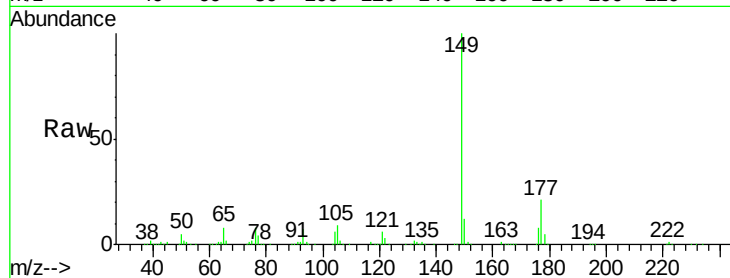
#59
Diethylphthalate
Concen: 44.29 ng
RT: 13.41 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.1	10.2	15.2

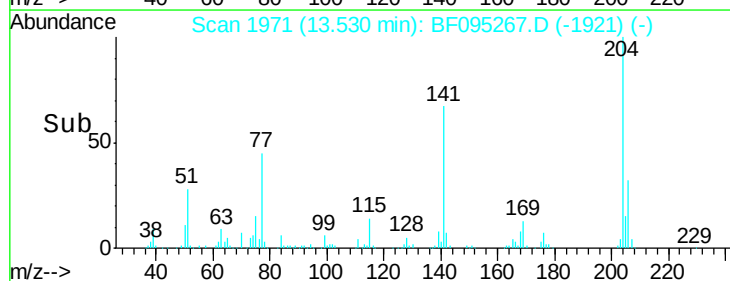
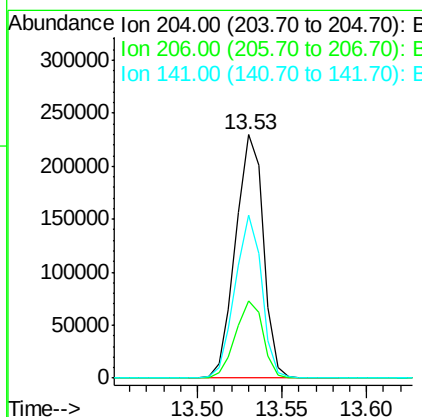
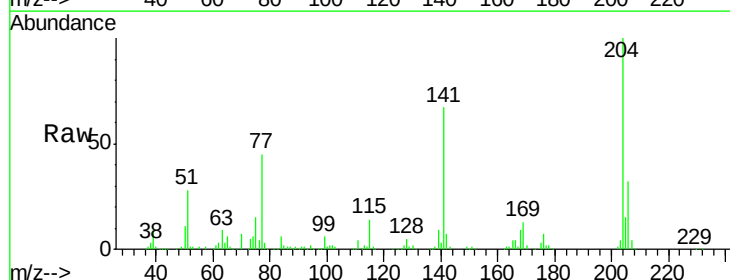
Manual Integrations
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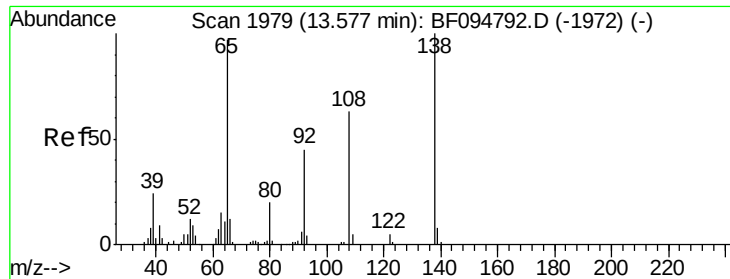
mohammad
5/22/2017 1:29:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.00 ng
RT: 13.53 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	66.9	60.8	91.2





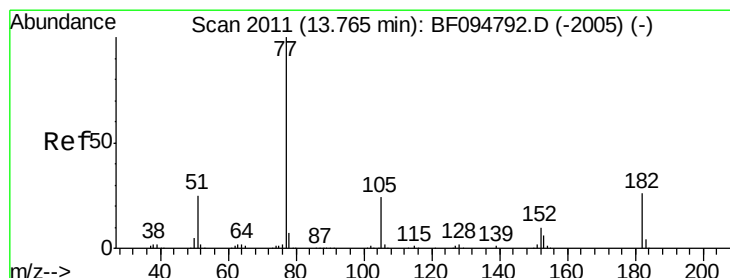
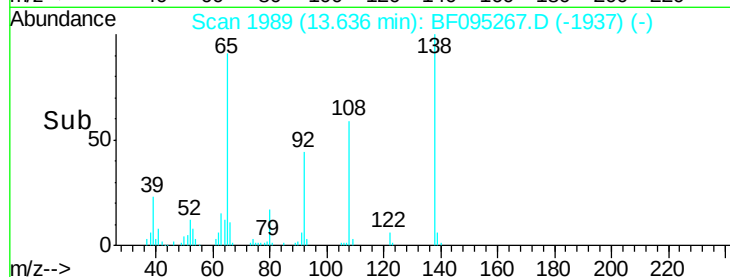
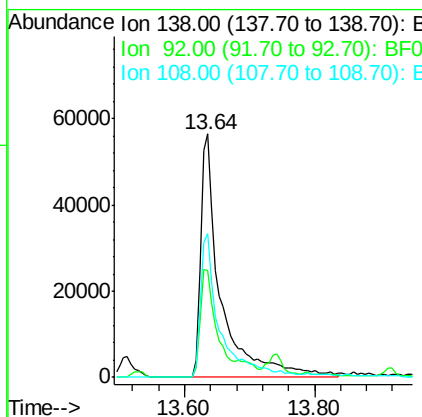
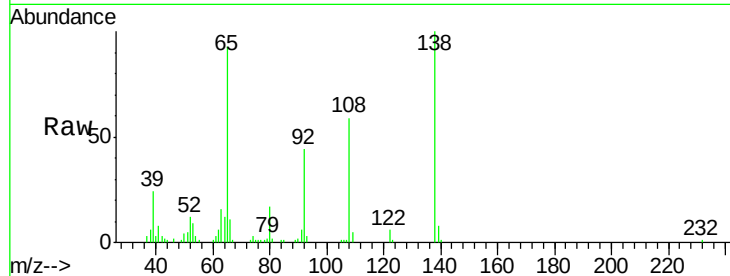
#61
4-Nitroaniline
Concen: 42.85 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.1	21.8	61.8
108	58.9	42.3	82.3

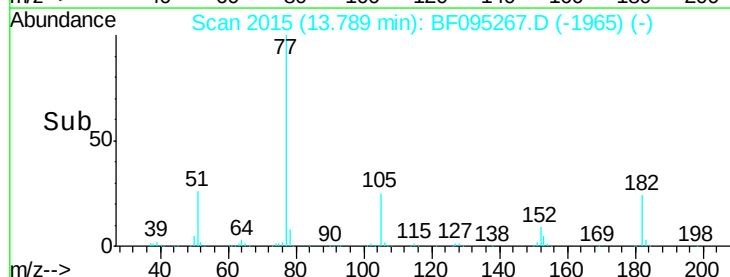
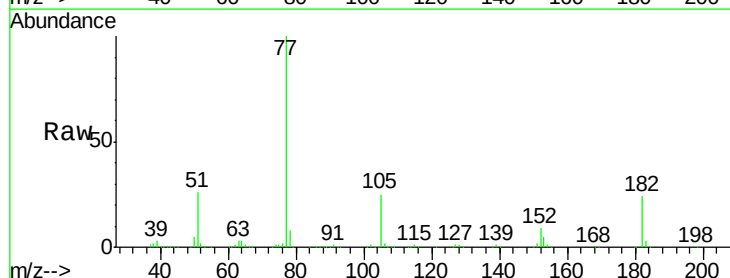
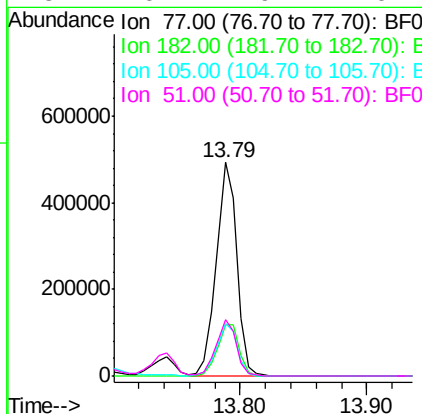
Manual Integrations
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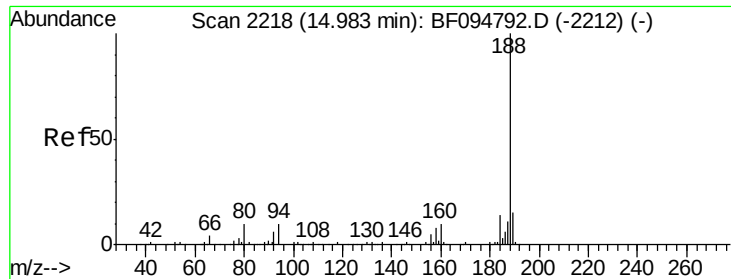
mohammad
5/22/2017 1:29:43 PM



#62
Azobenzene
Concen: 52.39 ng
RT: 13.79 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.1	40.1
105	24.7	3.6	43.6
51	26.1	9.4	49.4





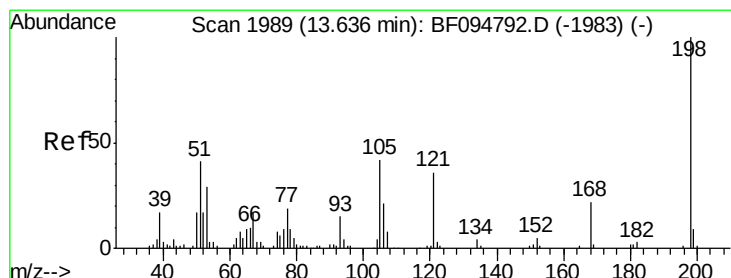
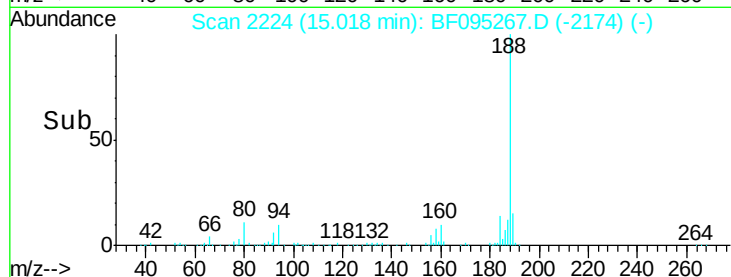
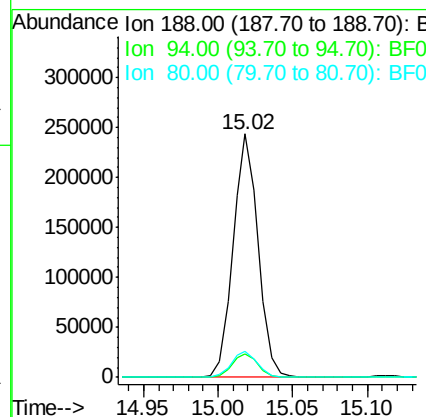
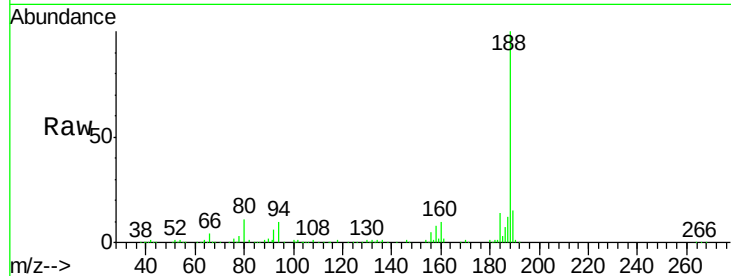
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	286529		
94	9.8		9.4	14.2
80	10.8		10.2	15.2

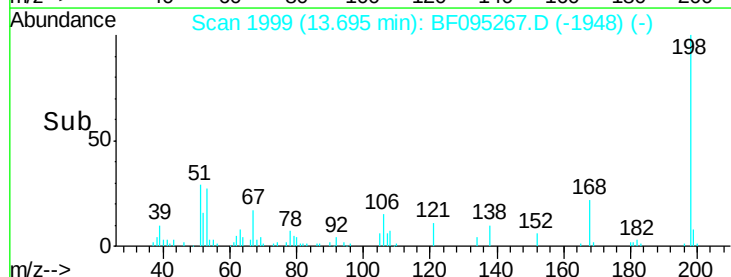
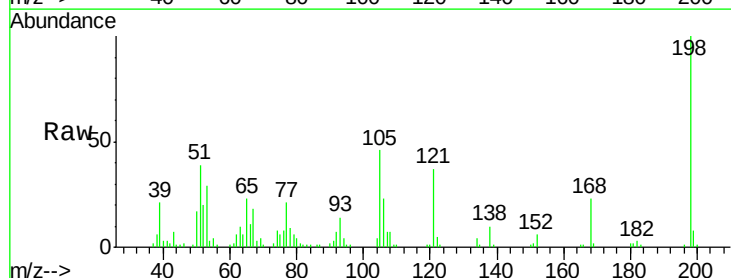
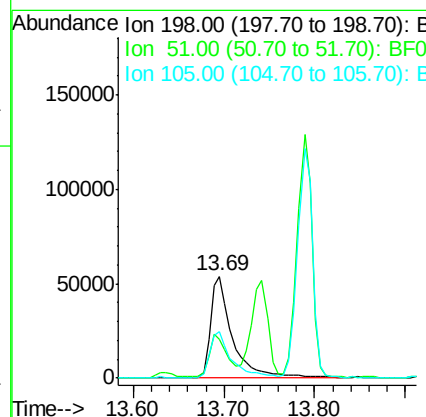
Manual Integrations
APPROVED

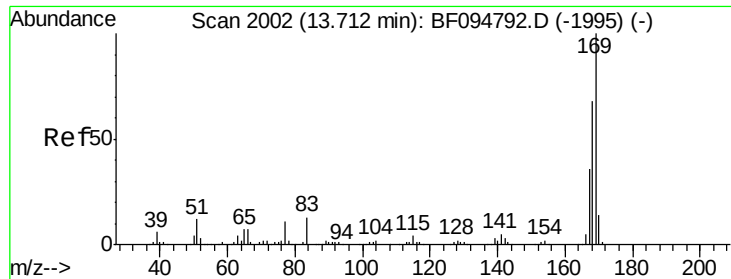
mohammad
5/22/2017 1:29:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.48 ng
RT: 13.69 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91204		
51	38.6		53.2	93.2#
105	45.8		45.8	85.8





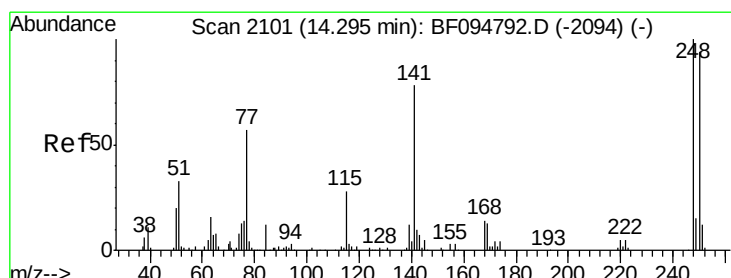
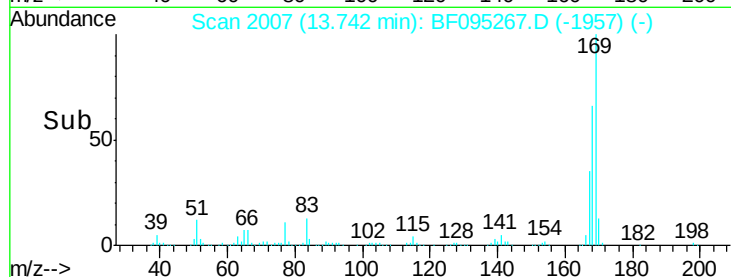
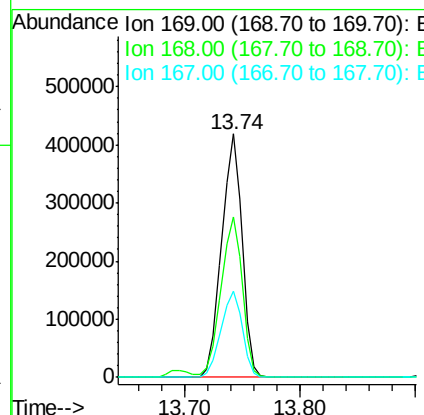
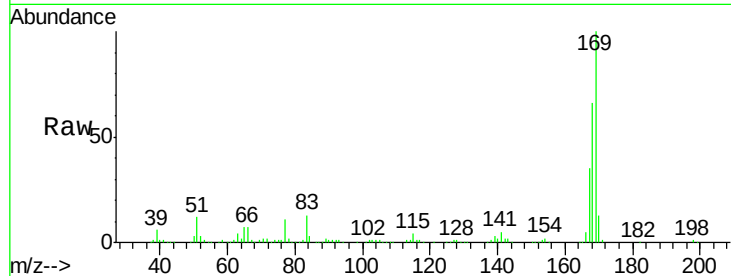
#65
 n-Nitrosodiphenylamine
 Concen: 49.85 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	518443		
168	66.1	53.2	79.8	
167	35.2	29.5	44.3	

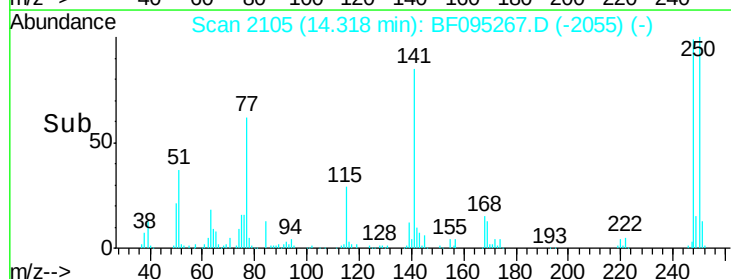
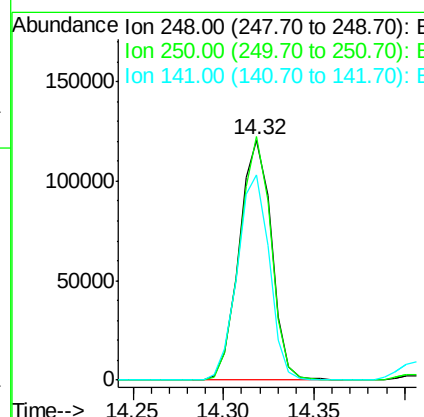
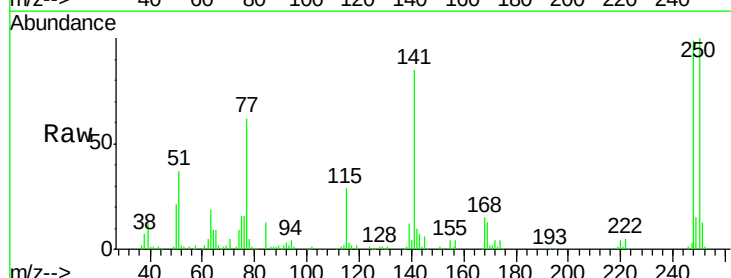
Manual Integrations
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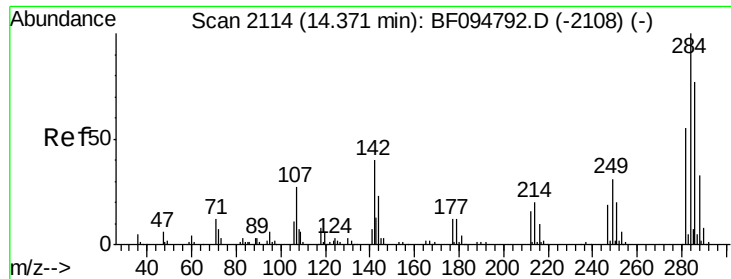
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 49.24 ng
 RT: 14.32 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	149066		
250	101.4	76.8	115.2	
141	85.7	68.6	103.0	





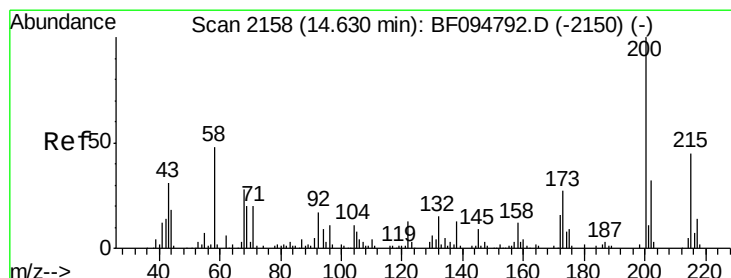
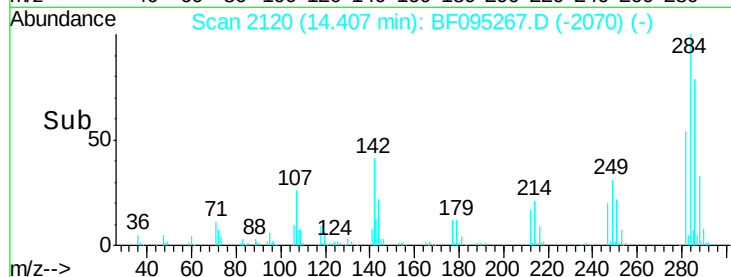
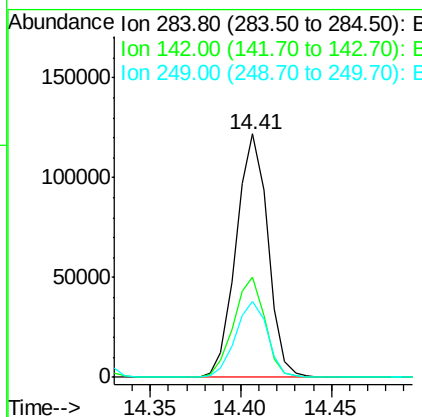
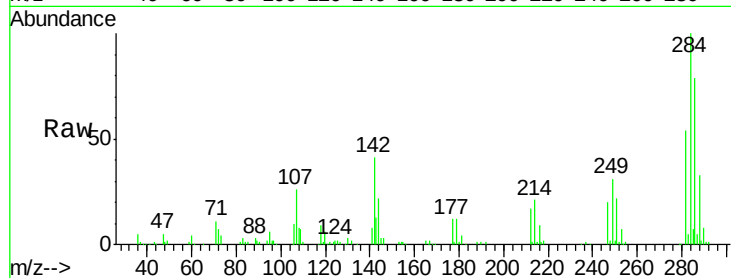
#67
Hexachlorobenzene
Concen: 47.73 ng
RT: 14.41 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	41.2	22.8	34.2
249	31.2	24.0	36.0

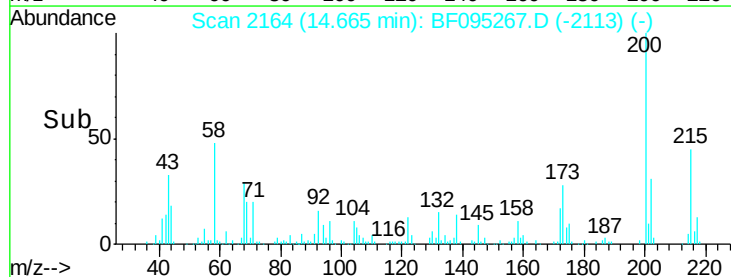
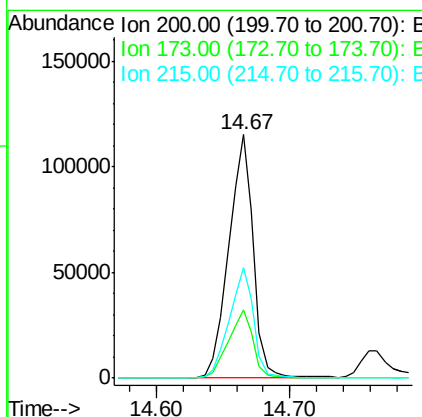
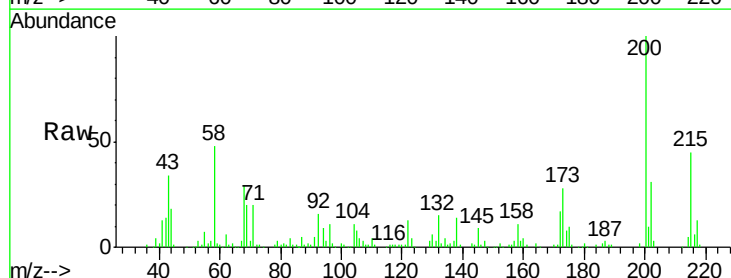
Manual Integrations
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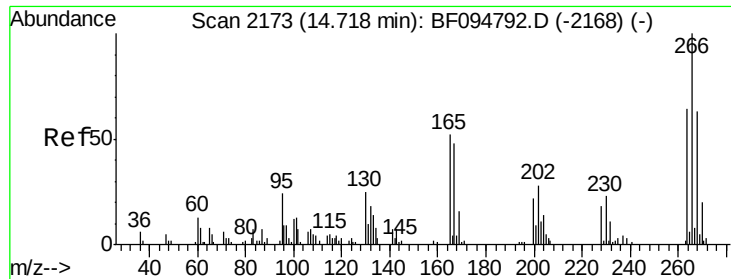
mohammad
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#68
Atrazine
Concen: 50.58 ng
RT: 14.67 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	6.3	46.3
215	45.3	27.2	67.2





#69

Pentachlorophenol

Concen: 82.56 ng

RT: 14.77 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

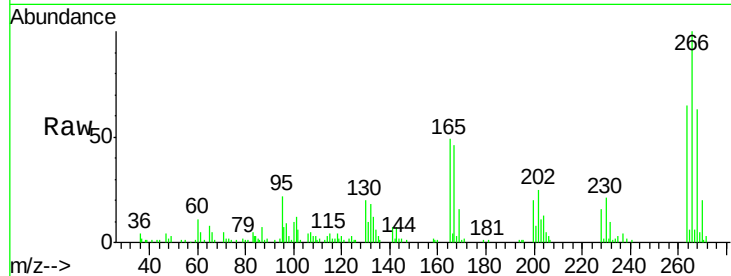
ClientSampleId :

PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	116090		
268	62.7	51.1	76.7	
264	65.0	51.7	77.5	

Manual Integrations
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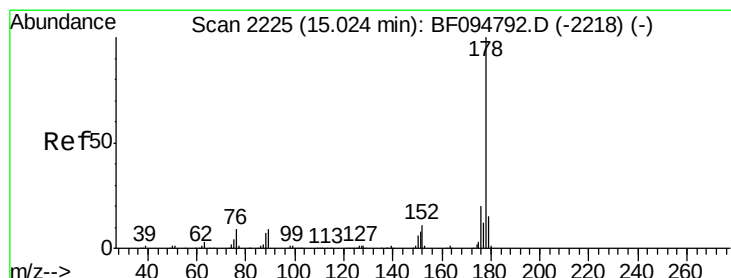
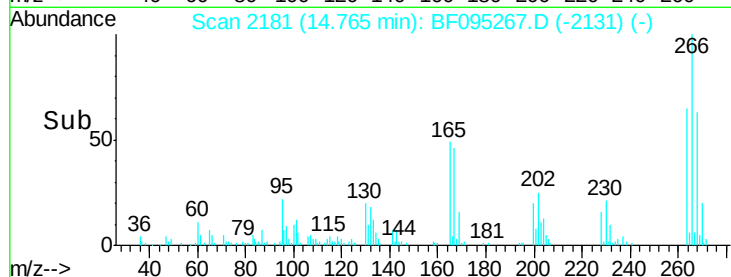
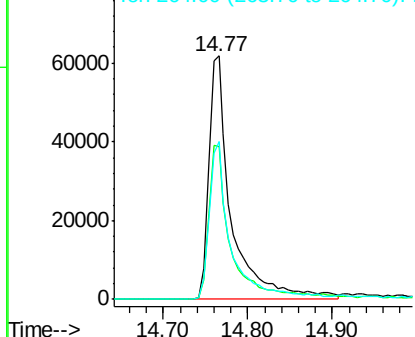


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 49.18 ng

RT: 15.06 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

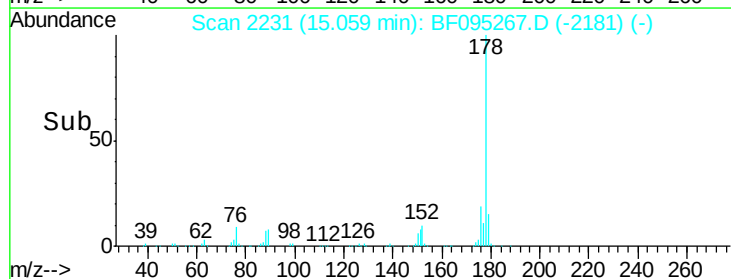
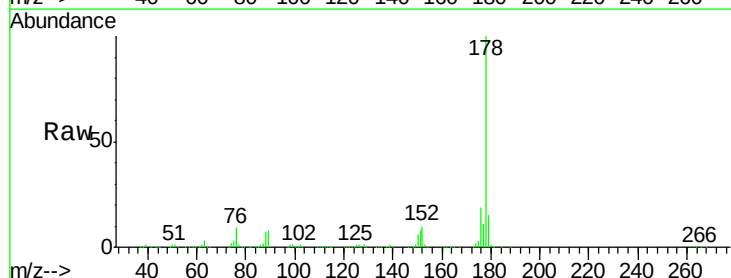
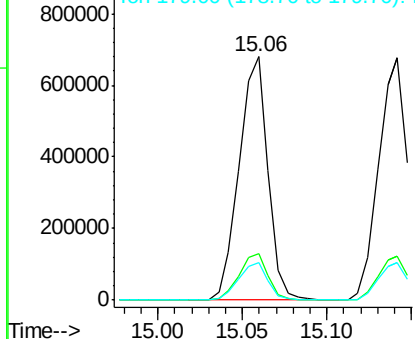
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	809676		
176	19.2	16.2	24.4	
179	15.2	12.6	19.0	

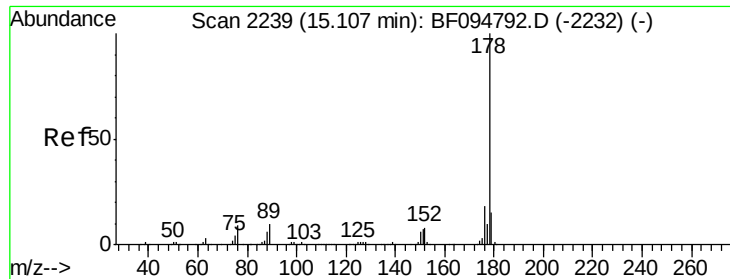
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





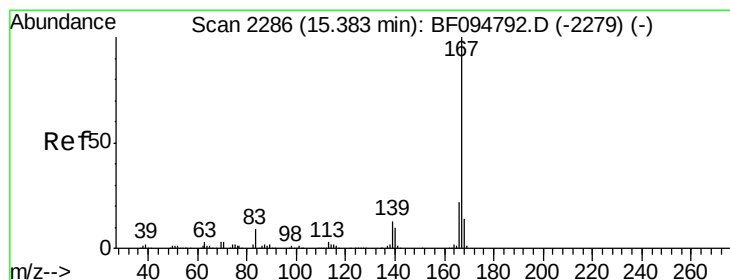
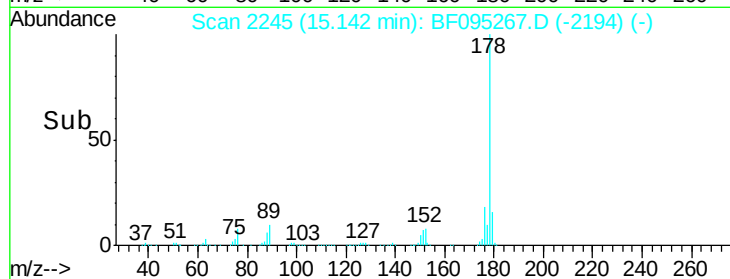
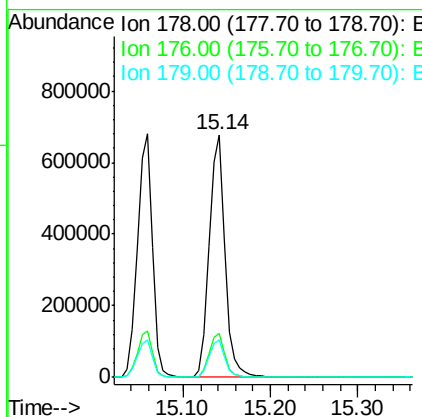
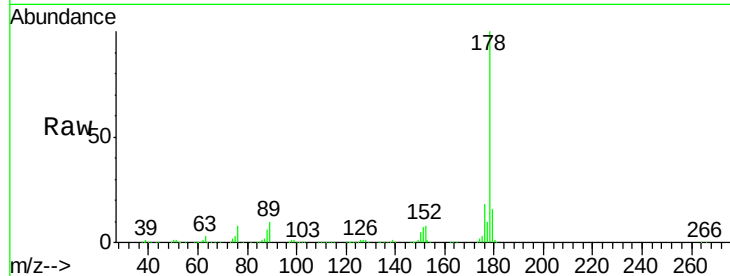
#71
 Anthracene
 Concen: 50.54 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	849981		
176	18.2	15.8	23.8	
179	15.7	12.7	19.1	

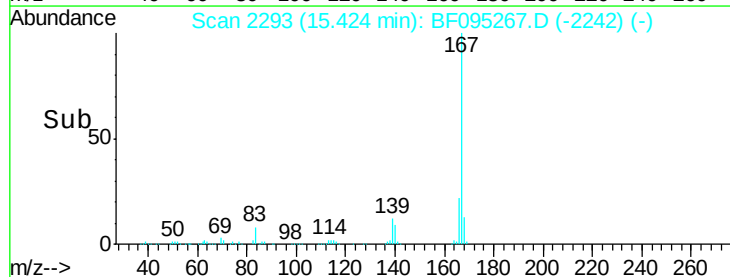
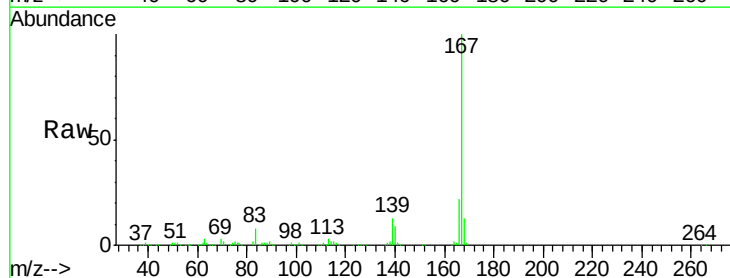
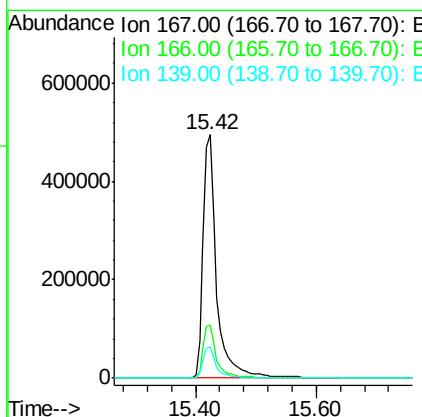
Manual Integrations
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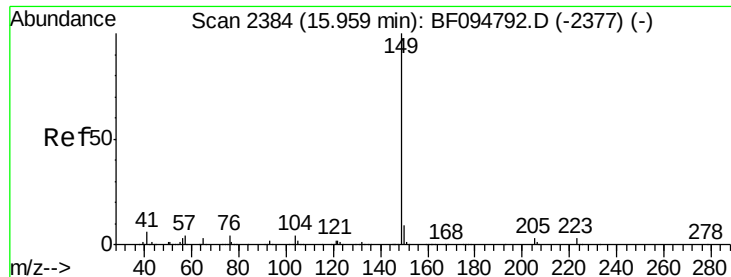
mohammad
 5/22/2017 1:29:43 PM



#72
 Carbazole
 Concen: 50.76 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	776706		
166	21.8	18.1	27.1	
139	12.6	11.7	17.5	





#73

Di-n-butylphthalate

Concen: 46.39 ng

RT: 15.98 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

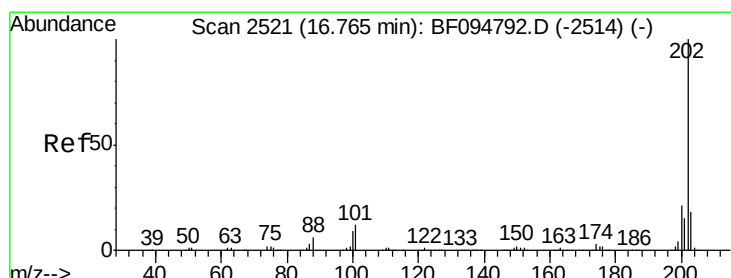
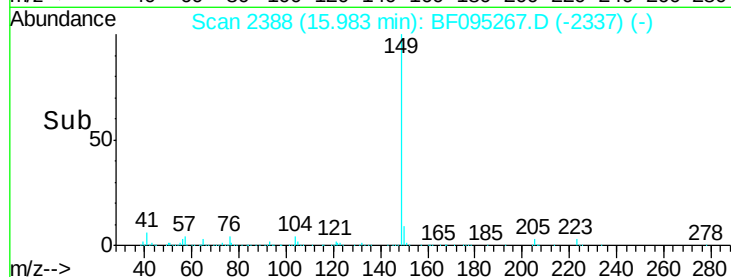
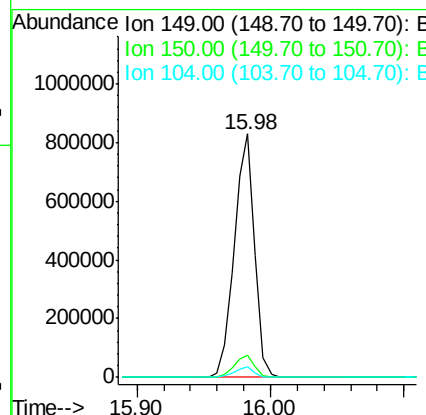
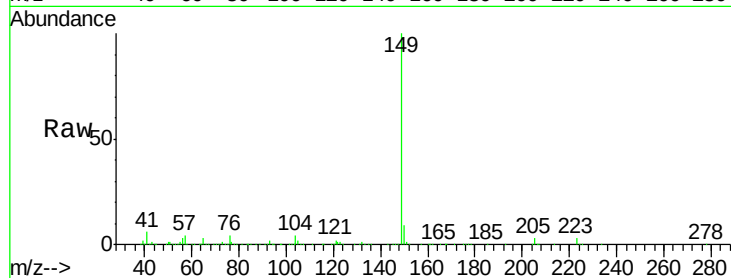
ClientSampleId :

PB99069BS

Tgt Ion:	149	Resp:	885118
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 50.26 ng

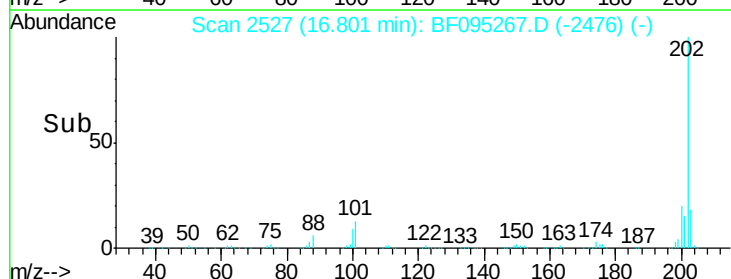
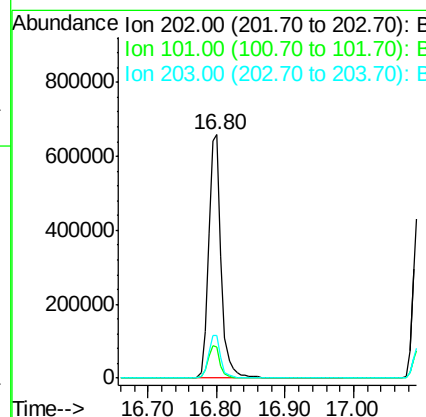
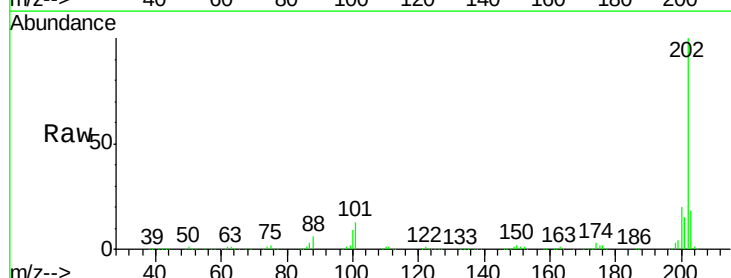
RT: 16.80 min Scan# 2527

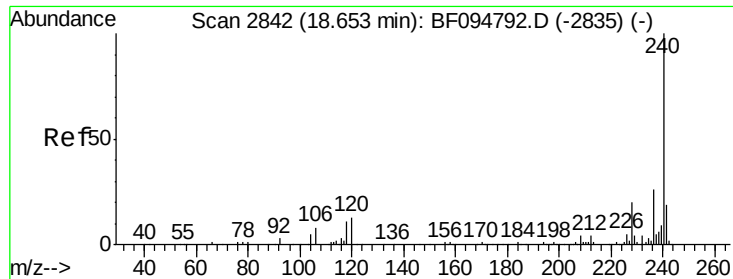
Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion:	202	Resp:	848823
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	33.2
203	17.6	0.0	38.1





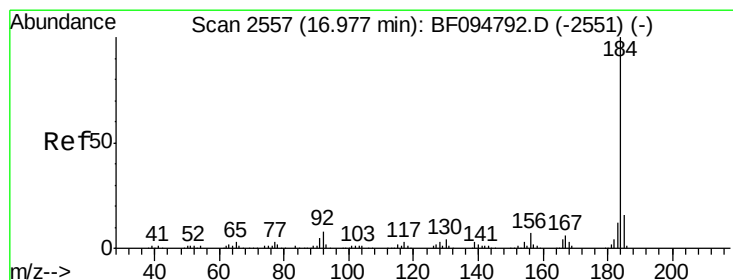
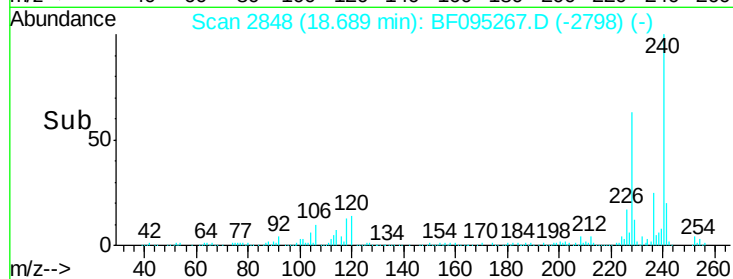
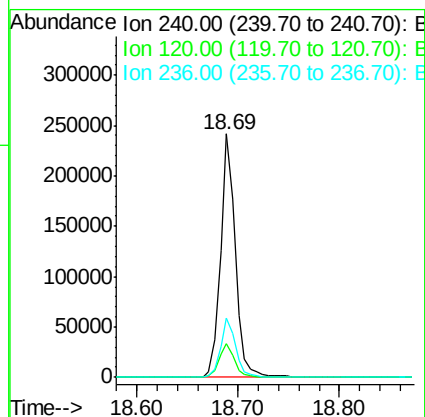
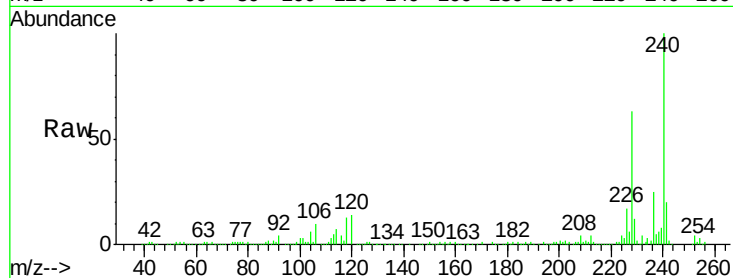
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	24.6	20.5	30.7

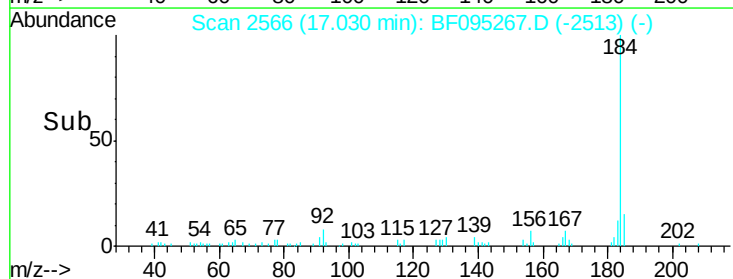
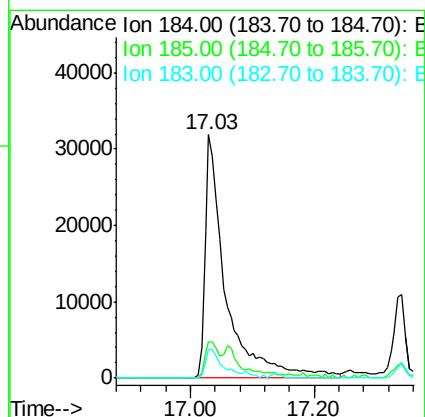
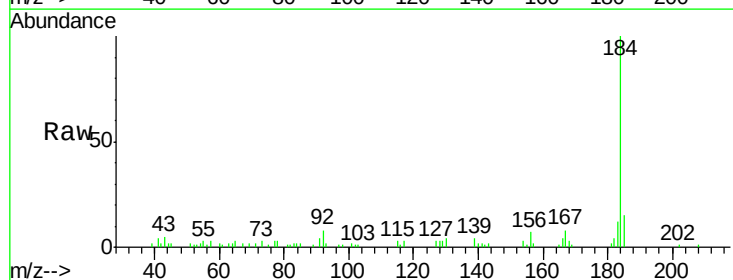
Manual Integrations
 APPROVED

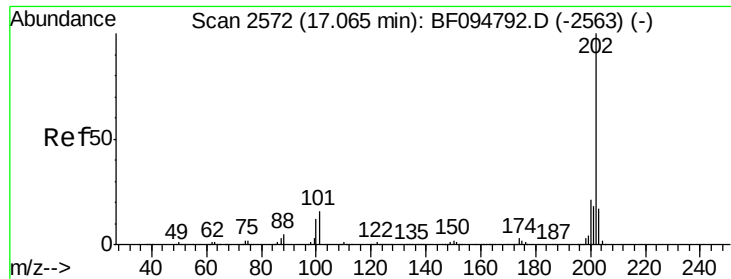
mohammad
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#76
 Benzidine
 Concen: 16.30 ng
 RT: 17.03 min Scan# 2566
 Delta R.T. 0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	15.5	23.3#
183	11.6	9.8	14.6





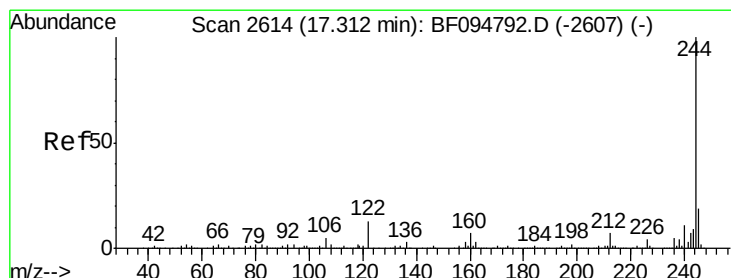
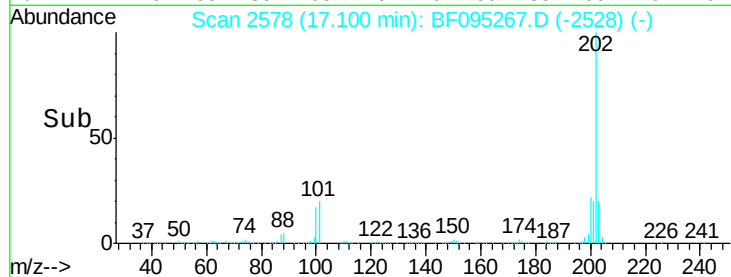
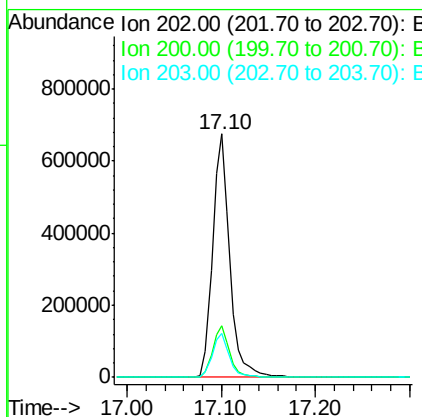
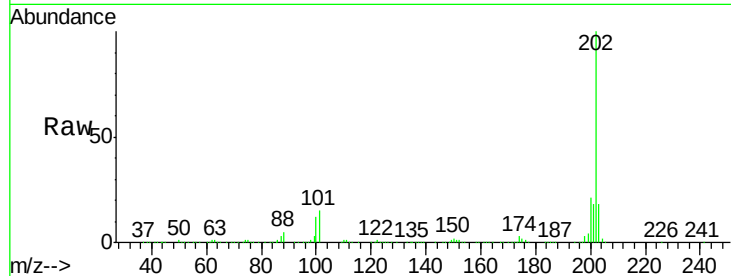
#77
 Pyrene
 Concen: 47.19 ng
 RT: 17.10 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	867335		
200	21.3		17.6	26.4
203	18.3		14.4	21.6

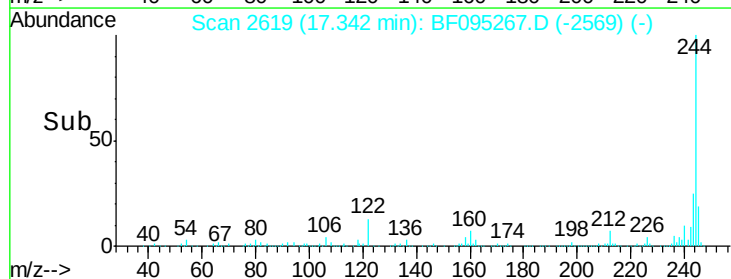
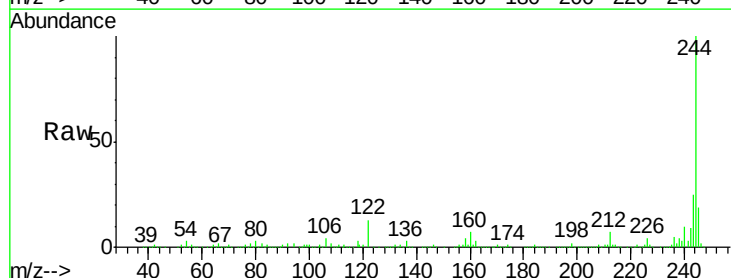
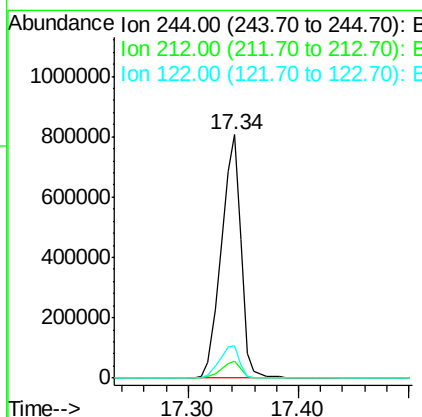
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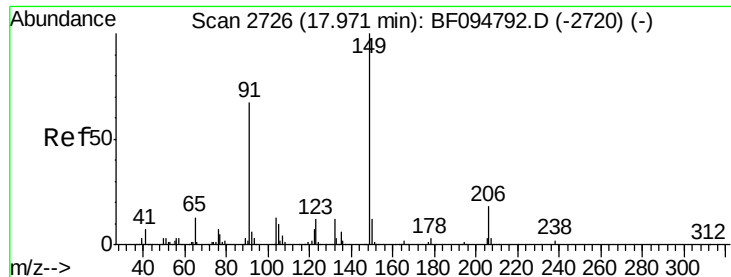
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#78
 Terphenyl-d14
 Concen: 89.55 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	999128		
212	6.9		6.0	9.0
122	13.4		10.3	15.5





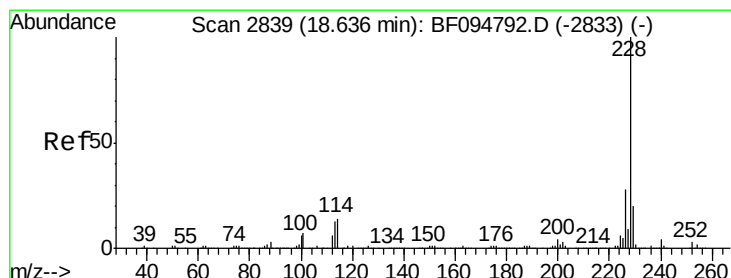
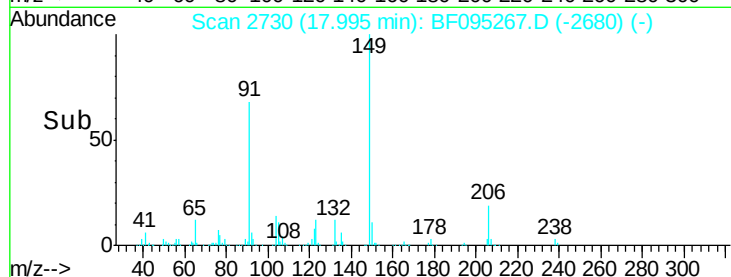
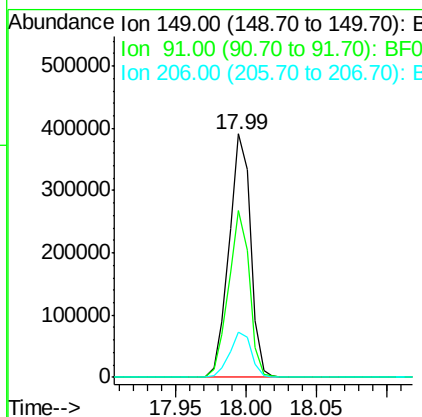
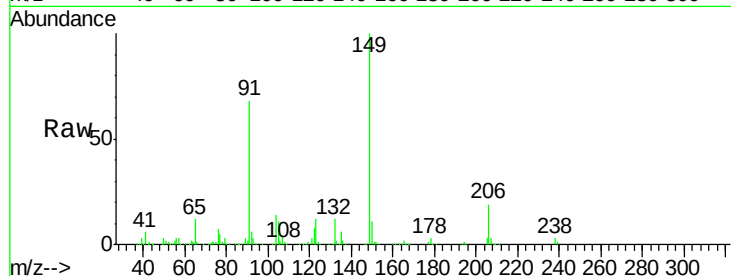
#79
Butylbenzylphthalate
Concen: 48.66 ng
RT: 17.99 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampled :
PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	415991		
91	68.3	45.0	67.4#	
206	18.8	17.0	25.6	

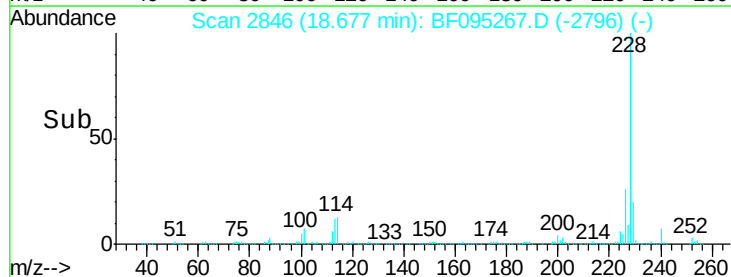
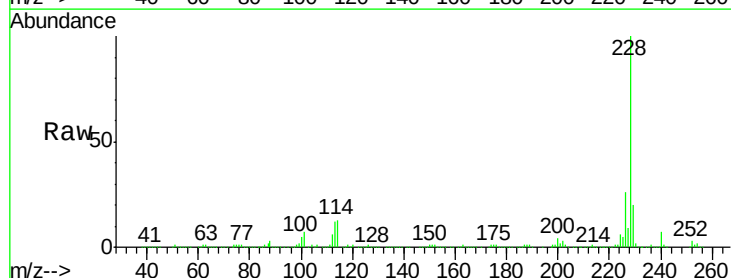
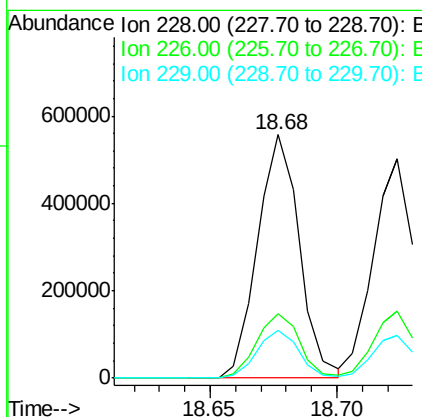
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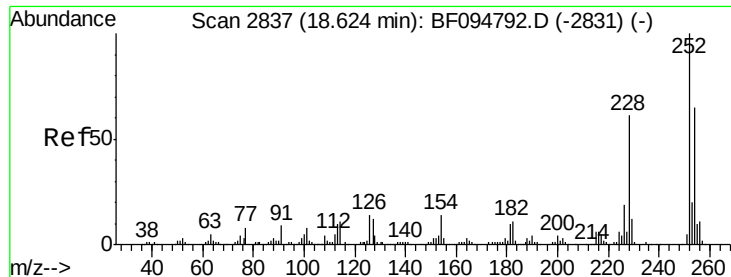
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#80
Benzo(a)anthracene
Concen: 44.92 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	642359		
226	26.4	22.6	33.8	
229	19.8	16.3	24.5	





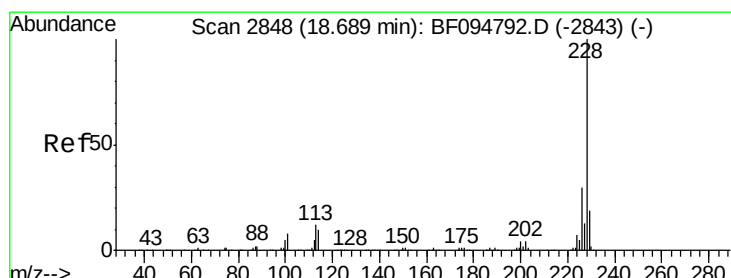
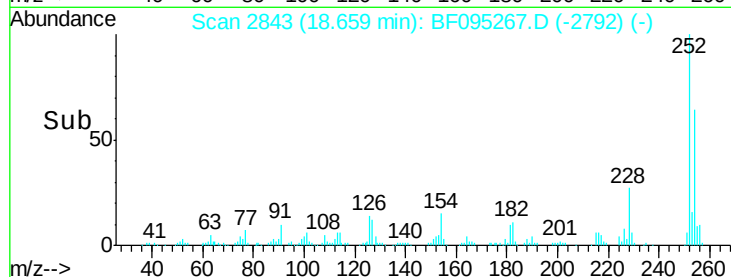
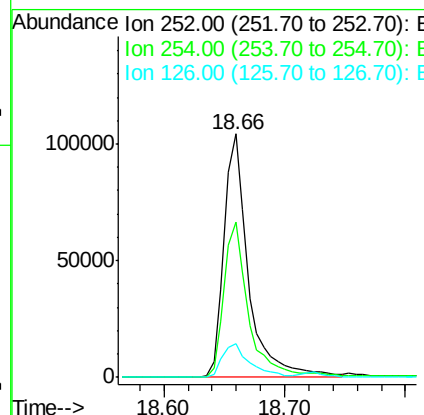
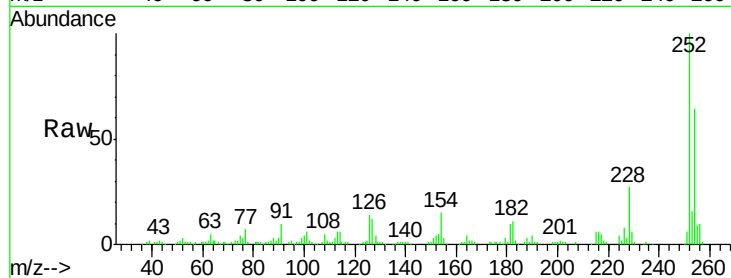
#81
 3,3'-Dichlorobenzidine
 Concen: 29.69 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	51.5	77.3
126	14.0	15.8	23.8

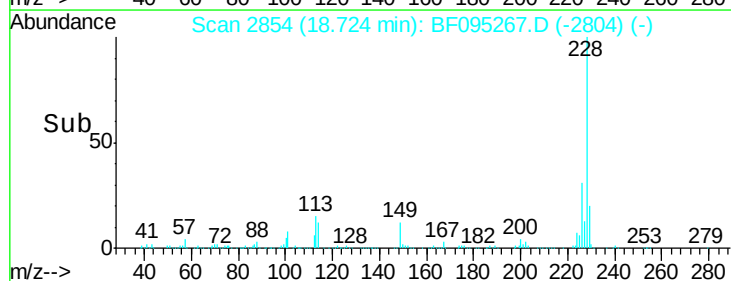
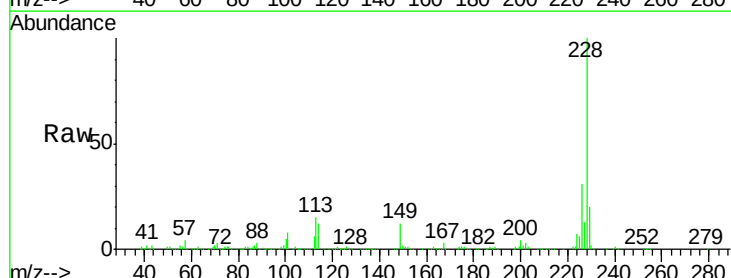
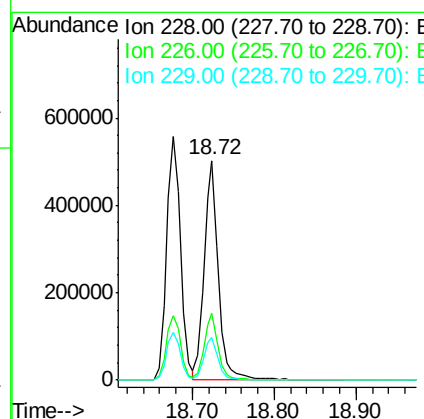
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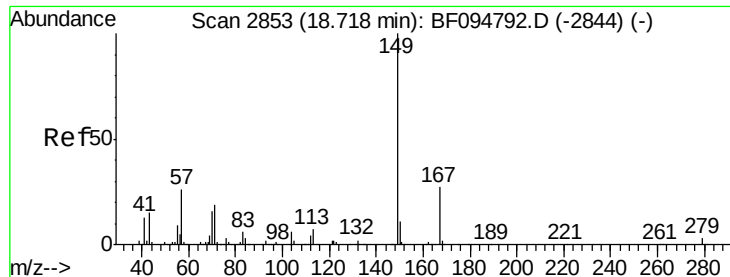
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#82
 Chrysene
 Concen: 43.87 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.9	37.3
229	19.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.63 ng

RT: 18.74 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

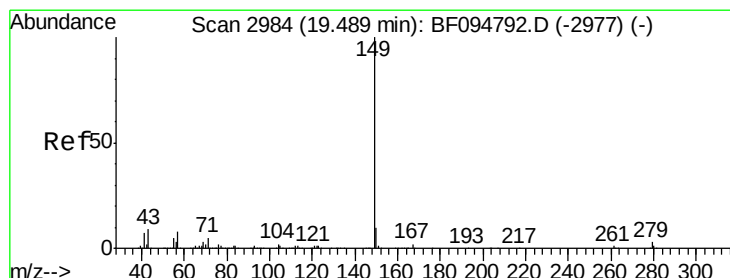
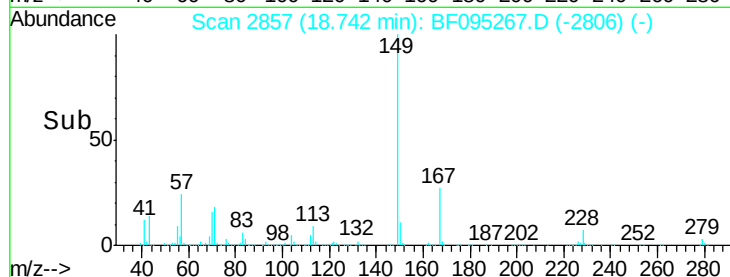
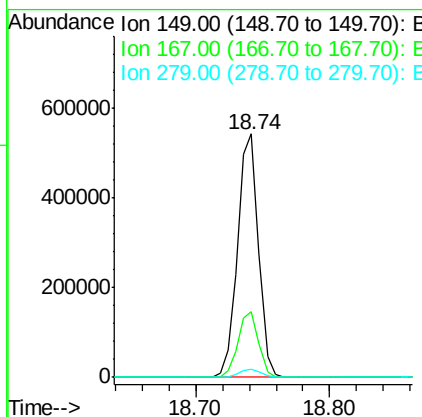
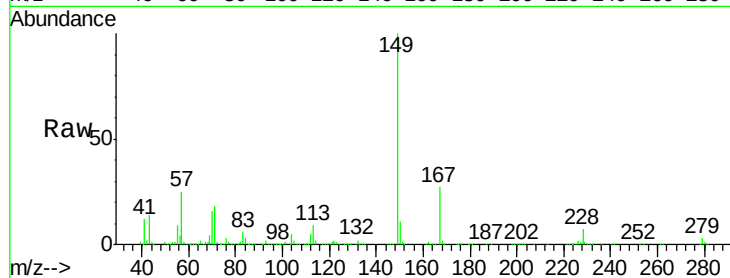
ClientSampleId :

PB99069BS

Tgt Ion:	149	Resp:	592319
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.0	31.4
279	3.4	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 46.25 ng

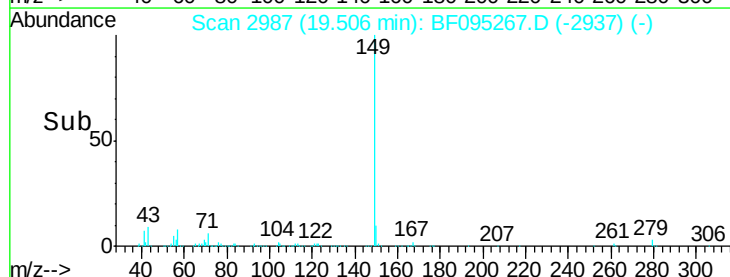
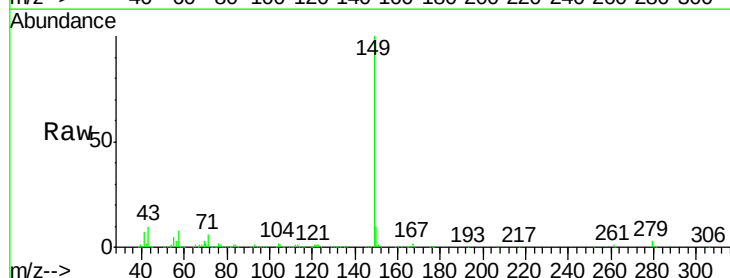
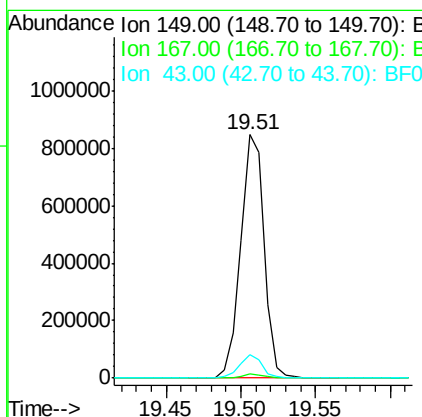
RT: 19.51 min Scan# 2987

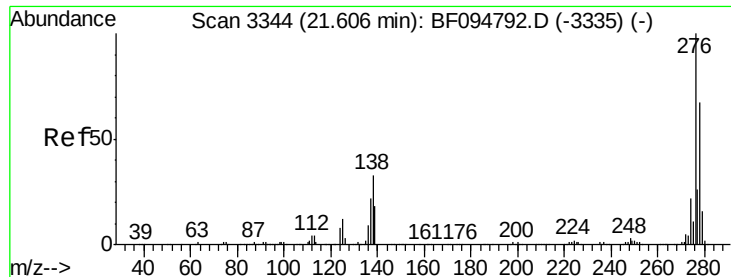
Delta R.T. -0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion:	149	Resp:	923452
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.9	8.5	12.7





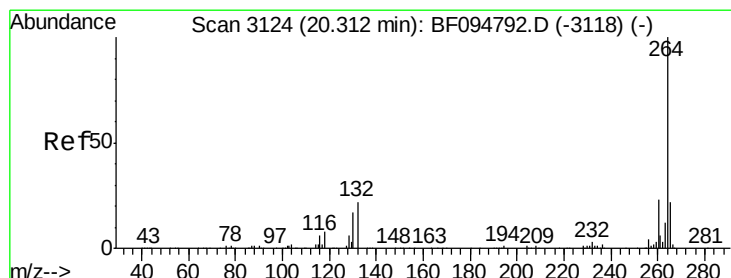
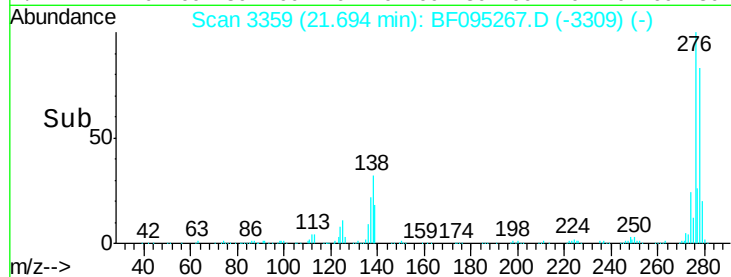
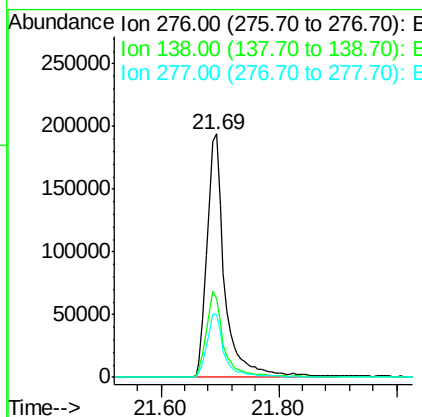
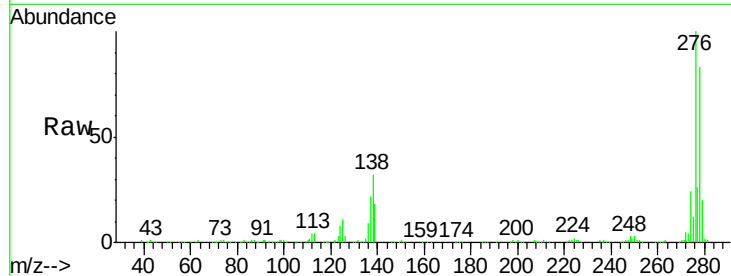
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.50 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampled :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	409896		
138	34.2	27.8	41.6	
277	25.4	20.2	30.4	

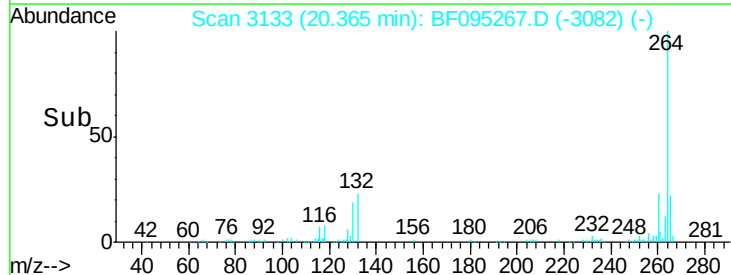
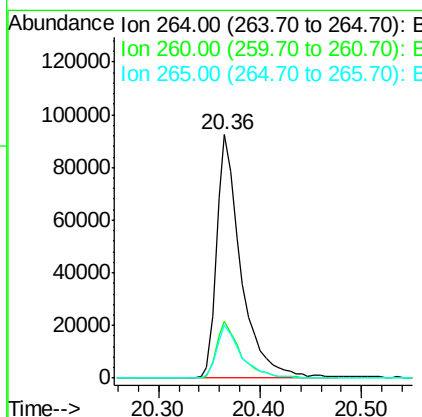
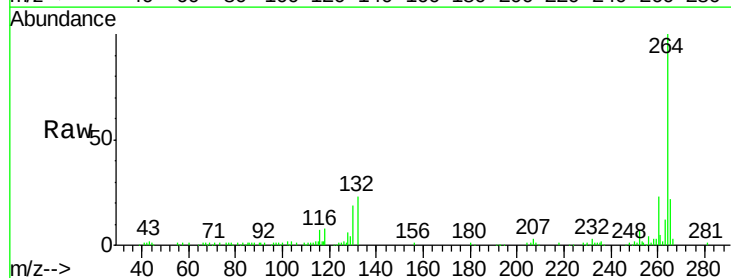
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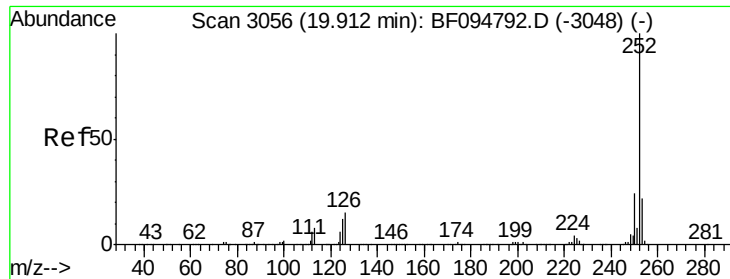
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	154018		
260	23.3	19.5	29.3	
265	21.8	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 46.73 ng

RT: 19.95 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095267.D

Acq: 19 May 2017 17:21

Instrument :

BNA_F

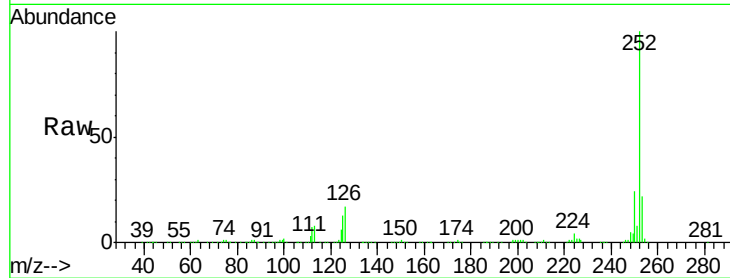
ClientSampled :

PB99069BS

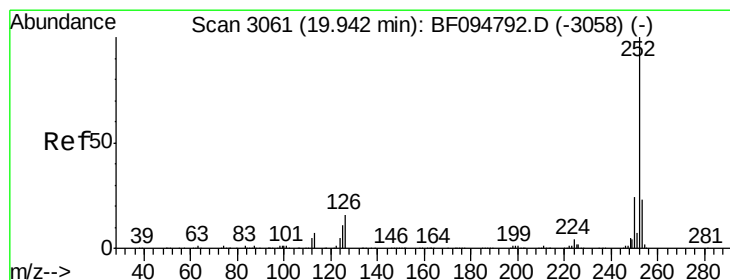
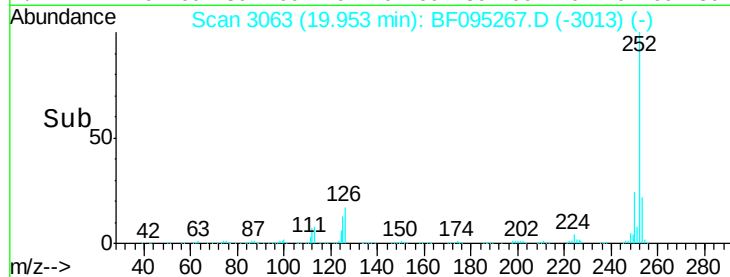
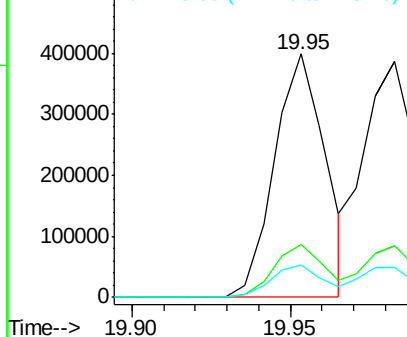
Tgt Ion:	252	Resp:	444726
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	13.2	9.8	14.8

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



#88

Benzo(k)fluoranthene

Concen: 56.30 ng m

RT: 19.98 min Scan# 3068

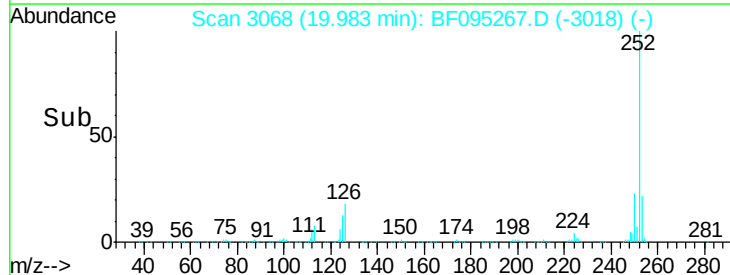
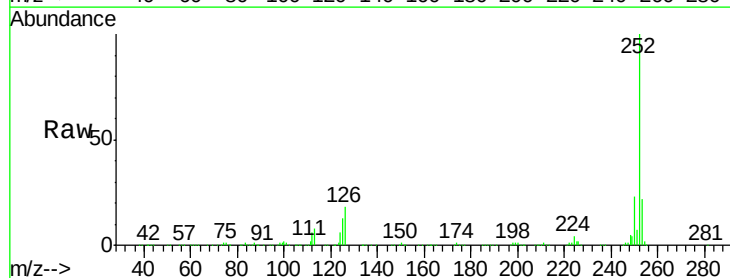
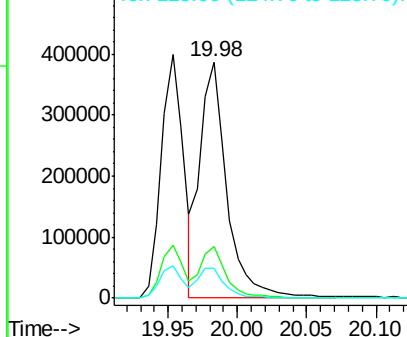
Delta R.T. -0.01 min

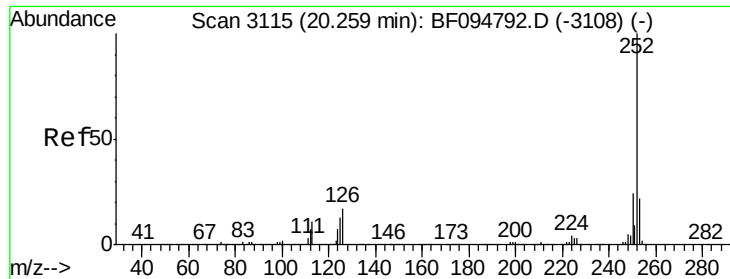
Lab File: BF095267.D

Acq: 19 May 2017 17:21

Tgt Ion:	252	Resp:	516811
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	12.6	13.1	19.7#

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





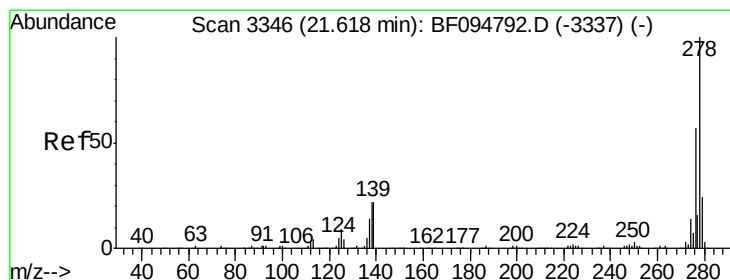
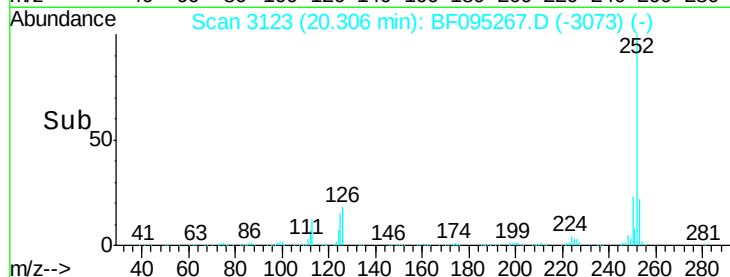
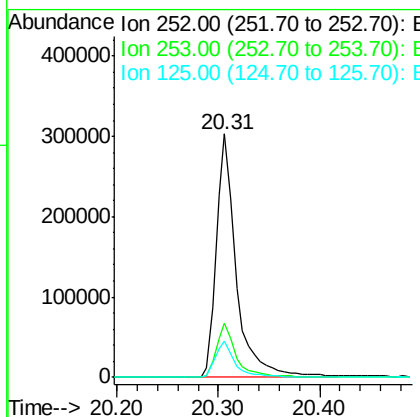
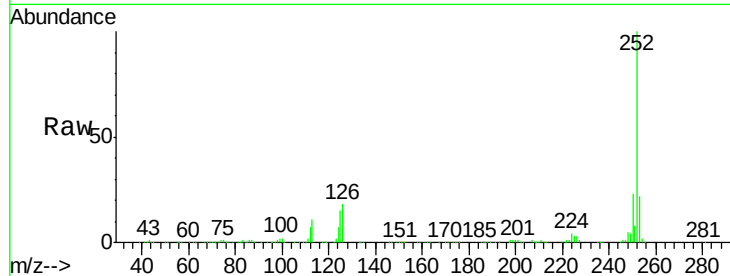
#89
Benzo(a)pyrene
Concen: 46.84 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Instrument :
BNA_F
ClientSampleId :
PB99069BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.8	11.0	16.4

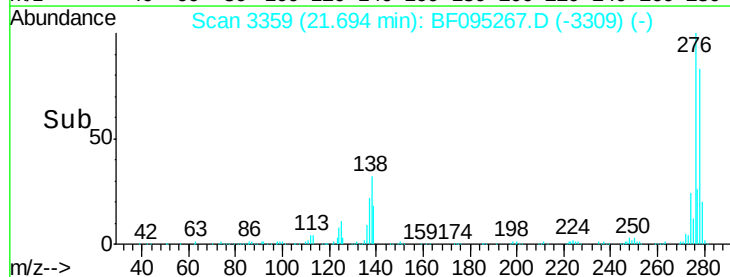
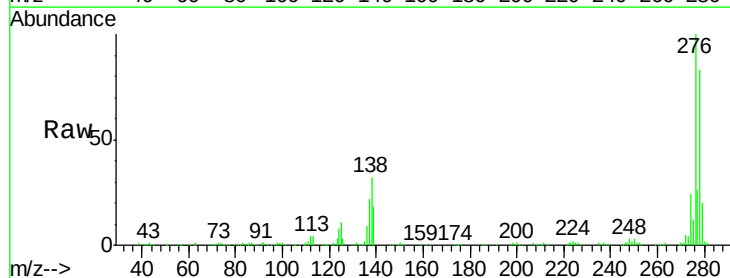
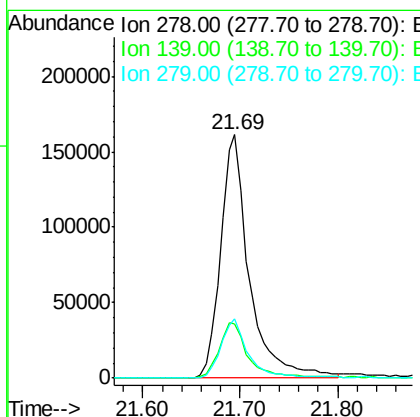
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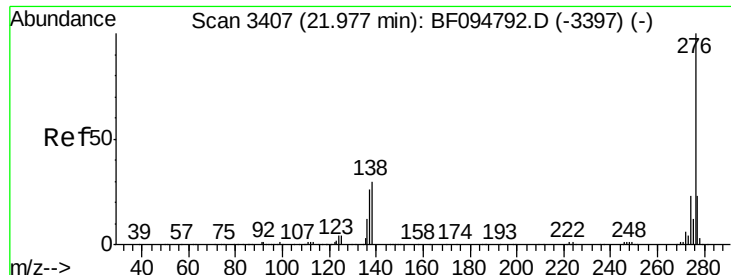
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#90
Dibenzo(a,h)anthracene
Concen: 45.21 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095267.D
Acq: 19 May 2017 17:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	24.4	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 48.13 ng
 RT: 22.08 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BF095267.D
 Acq: 19 May 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99069BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	342527		
277	23.2	18.6	28.0	
138	28.6	25.4	38.0	

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