

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094365.D
 Acq On : 11 Apr 2017 22:09
 Operator : SJ/MA
 Sample : I2622-07MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BAEMSD

Manual Integrations
 APPROVED

mohammad
 4/12/2017 5:11:59 PM

Quant Time: Apr 12 02:53:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	133673	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	266043	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	148582	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	276782	20.00	ng	0.00
75) Chrysene-d12	14.58	240	239583	20.00	ng	0.00
86) Perylene-d12	16.20	264	198982	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.39	112	950629	120.12	ng	0.00
7) Phenol-d6	5.49	99	1103687	112.73	ng	0.02
23) Nitrobenzene-d5	6.53	82	705358	151.31	ng	0.02
41) 2,4,6-Tribromophenol	10.48	330	153257	130.53	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1020361	104.74	ng	0.00
78) Terphenyl-d14	13.30	244	760356	71.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	116575	30.66	ng	96
3) Pyridine	2.70	79	228294	22.03	ng	99
4) n-Nitrosodimethylamine	2.63	42	147479	34.59	ng	90
6) Aniline	5.55	93	480246m	35.26	ng	
8) 2-Chlorophenol	5.62	128	350826	40.33	ng	97
9) Benzaldehyde	5.33	77	84141	12.73	ng	# 1
10) Phenol	5.52	94	2850017	255.80	ng	92
11) bis(2-Chloroethyl)ether	5.55	93	417675	47.97	ng	# 74
12) 1,3-Dichlorobenzene	5.77	146	380036	38.95	ng	97
13) 1,4-Dichlorobenzene	5.86	146	370554	37.49	ng	96
14) 1,2-Dichlorobenzene	6.03	146	346319	38.05	ng	98
15) Benzyl Alcohol	6.23	79	2807815	391.82	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	6.19	45	245976	18.33	ng	# 1
17) 2-Methylphenol	6.23	107	5771446	774.68	ng	96
20) 3+4-Methylphenols	6.40	107	8525095m	944.81	ng	
24) Nitrobenzene	6.55	77	303048	65.91	ng	93
27) 2,4-Dimethylphenol	7.08	122	8446875m	2235.78	ng	
28) bis(2-Chloroethoxy)methane	7.13	93	254471m	47.11	ng	
29) 2,4-Dichlorophenol	7.25	162	118805	33.63	ng	94
30) 1,2,4-Trichlorobenzene	7.31	180	233737	64.24	ng	98
31) Naphthalene	7.42	128	1691582	132.24	ng	99
32) Benzoic acid	7.26	122	9106544m	3620.88	ng	
33) 4-Chloroaniline	7.52	127	248747	47.98	ng	95
34) Hexachlorobutadiene	7.55	225	127606	68.39	ng	97
37) 2-Methylnaphthalene	8.26	142	2767494	324.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	205977	50.68	ng	# 97
40) Hexachlorocyclopentadiene	8.42	237	10943	5.75	ng	99
42) 2,4,6-Trichlorophenol	8.59	196	142871	49.68	ng	96
43) 2,4,5-Trichlorophenol	8.66	196	120977	38.88	ng	# 69
45) 1,1'-Biphenyl	8.80	154	696463	58.11	ng	98
46) 2-Chloronaphthalene	8.82	162	320873m	34.20	ng	
47) 2-Nitroaniline	8.96	65	154665	55.58	ng	# 70
48) Acenaphthylene	9.33	152	667249	42.80	ng	# 92
49) Dimethylphthalate	9.18	163	663550	62.83	ng	99

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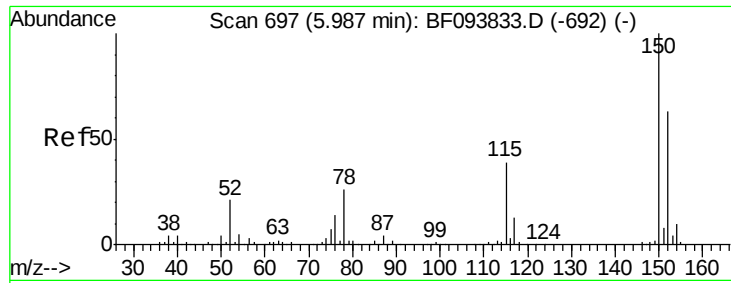
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	9.26	165	107767	44.51	nq	# 78
51) Acenaphthene	9.54	154	467209	51.35	nq	98
52) 3-Nitroaniline	9.45	138	75346	26.50	nq	# 96
53) 2,4-Dinitrophenol	9.61	184	8340	10.72	nq	# 71
54) Dibenzofuran	9.76	168	647155	52.26	nq	# 90
55) 4-Nitrophenol	9.73	139	159583	71.67	nq	# 50
56) 2,4-Dinitrotoluene	9.76	165	160975	52.93	nq	# 84
57) Fluorene	10.17	166	586562	57.11	nq	# 94
58) 2,3,4,6-Tetrachlorophenol	9.93	232	87478	40.97	nq	# 79
59) Diethylphthalate	10.05	149	482977	46.27	nq	98
60) 4-Chlorophenyl-phenylether	10.18	204	180486	41.25	nq	99
61) 4-Nitroaniline	10.20	138	129965	47.64	nq	89
62) Azobenzene	10.37	77	400982	40.61	nq	# 77
65) n-Nitrosodiphenylamine	10.33	169	829437	86.65	nq	# 84
66) 4-Bromophenyl-phenylether	10.77	248	116989	42.98	nq	92
67) Hexachlorobenzene	10.86	284	110721	40.18	nq	# 87
68) Atrazine	11.00	200	105559	36.82	nq	95
69) Pentachlorophenol	11.11	266	109921	64.09	nq	99
70) Phenanthrene	11.35	178	1092576	70.96	nq	98
71) Anthracene	11.42	178	758793	47.86	nq	97
72) Carbazole	11.62	167	624418	38.41	nq	99
73) Di-n-butylphthalate	12.06	149	664987	39.33	nq	100
74) Fluoranthene	12.82	202	710081	45.04	nq	99
77) Pyrene	13.09	202	693505	39.89	nq	99
79) Butylbenzylphthalate	13.91	149	299913	40.48	nq	# 79
80) Benzo(a)anthracene	14.57	228	583905	41.79	nq	99
81) 3,3'-Dichlorobenzidine	14.55	252	44493	8.91	nq	100
82) Chrysene	14.62	228	515607	39.77	nq	98
83) Bis(2-ethylhexyl)phthalate	14.64	149	429128	42.46	nq	# 95
84) Di-n-octyl phthalate	15.37	149	739080	43.77	nq	99
85) Indeno(1,2,3-cd)pyrene	17.52	276	446127	39.73	nq	98
87) Benzo(b)fluoranthene	15.80	252	503794	41.31	nq	98
88) Benzo(k)fluoranthene	15.83	252	470065	39.39	nq	96
89) Benzo(a)pyrene	16.14	252	456044	40.60	nq	99
90) Dibenzo(a,h)anthracene	17.54	278	369841	38.88	nq	97
91) Benzo(a,h,i)perylene	17.91	276	364409	38.01	nq	97

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



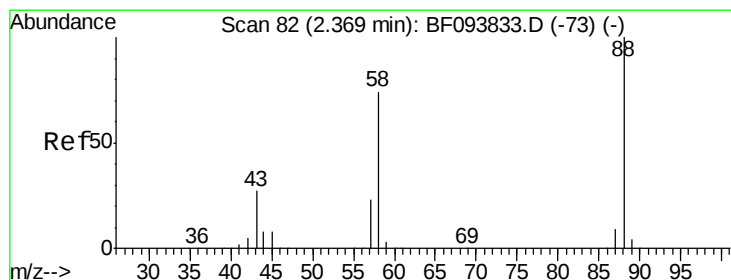
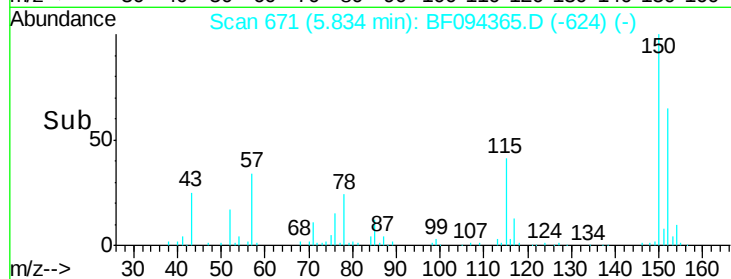
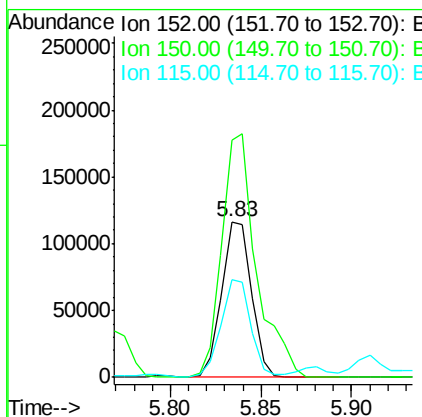
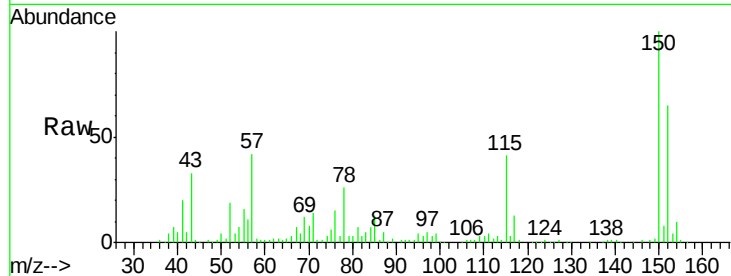
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.2	189.2
115	63.0	52.2	78.2

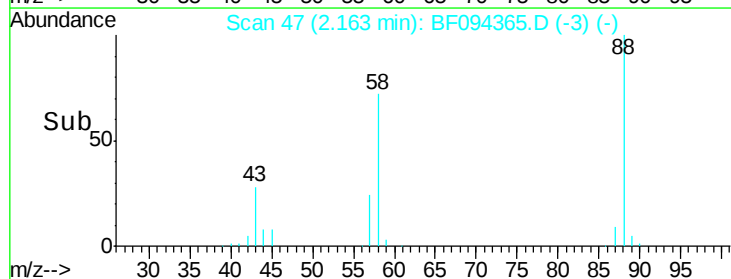
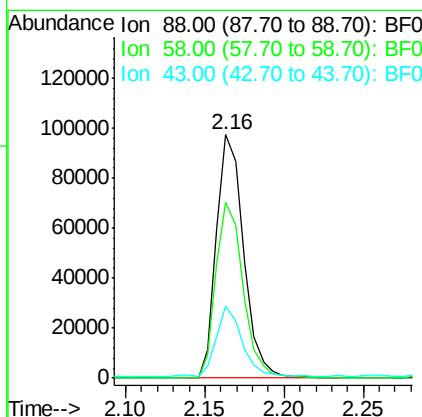
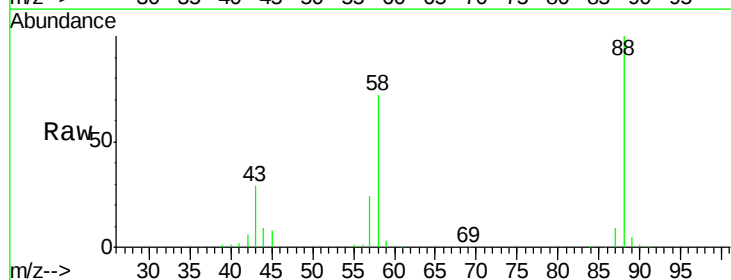
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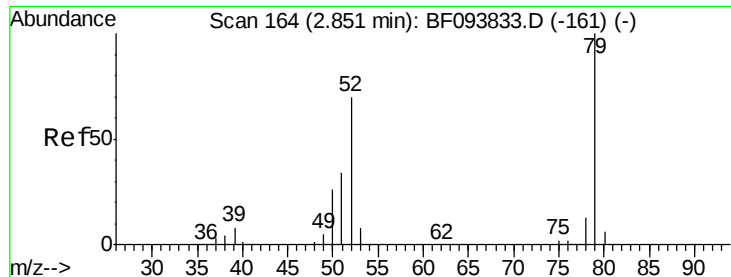
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#2
 1,4-Dioxane
 Concen: 30.66 ng
 RT: 2.16 min Scan# 47
 Delta R.T. -0.04 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	61.4	92.0
43	28.1	23.4	35.0





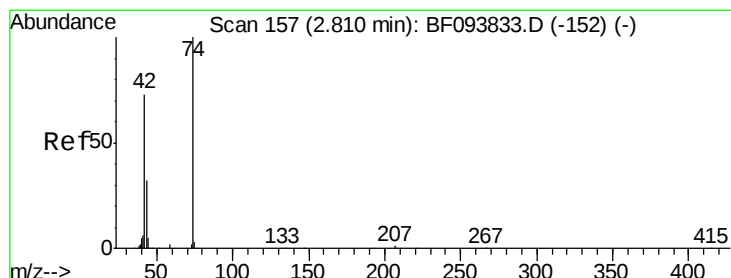
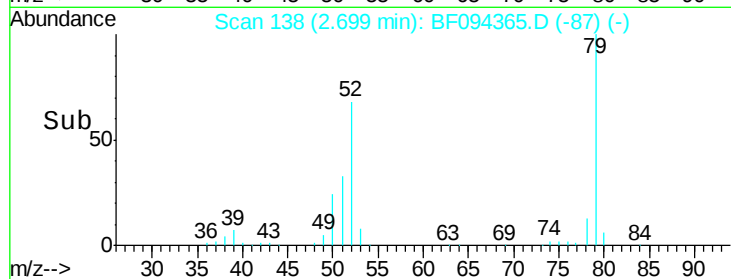
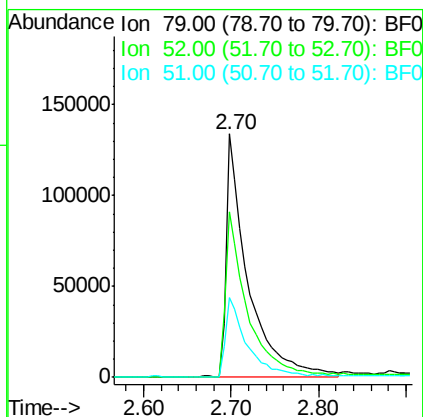
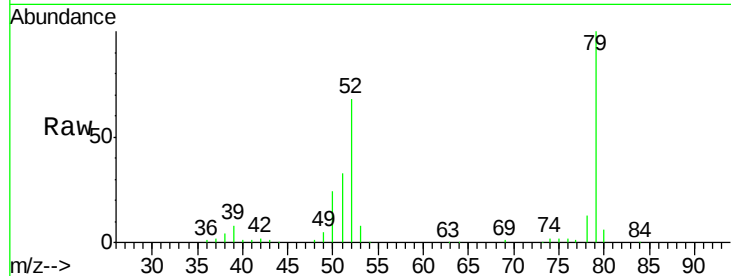
#3
 Pvridine
 Concen: 22.03 ng
 RT: 2.70 min Scan# 138
 Delta R.T. -0.00 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.9	54.8	82.2
51	32.5	27.0	40.4

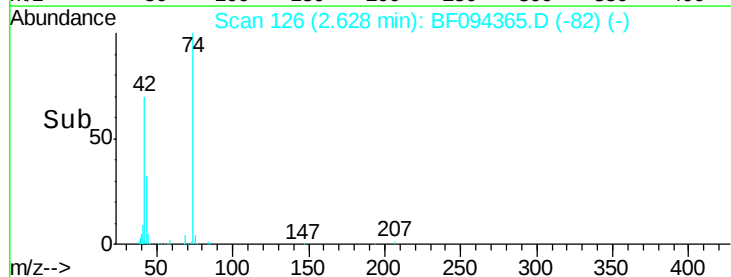
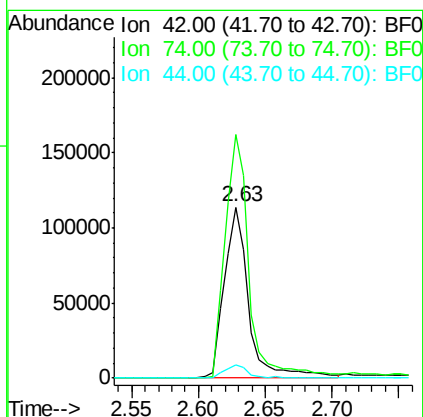
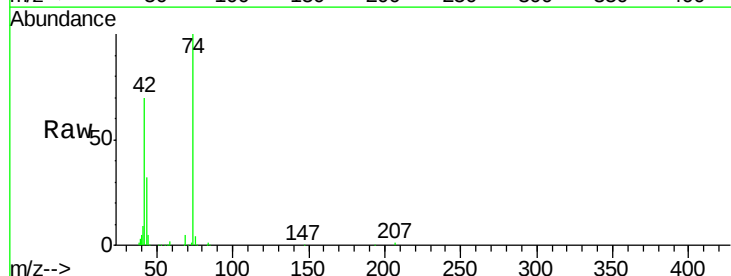
Manual Integrations
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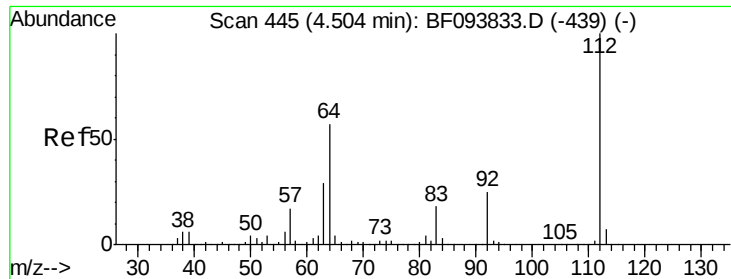
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#4
 n-Nitrosodimethylamine
 Concen: 34.59 ng
 RT: 2.63 min Scan# 126
 Delta R.T. -0.04 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.4	103.9	155.9
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 120.12 ng

RT: 4.39 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

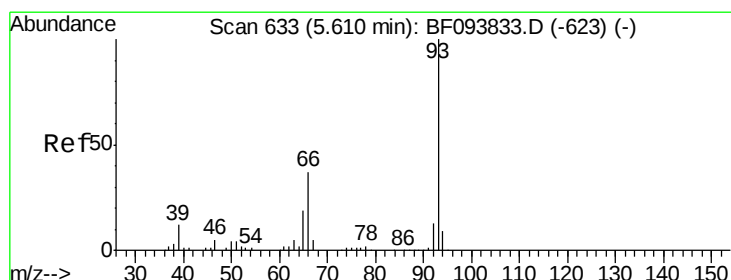
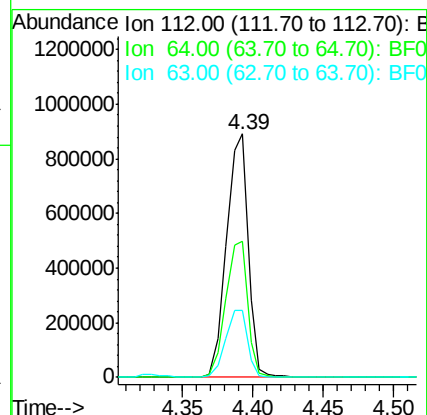
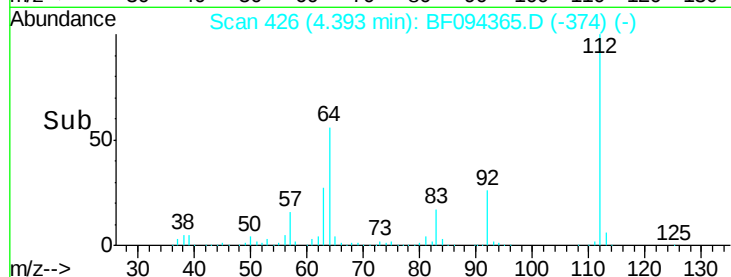
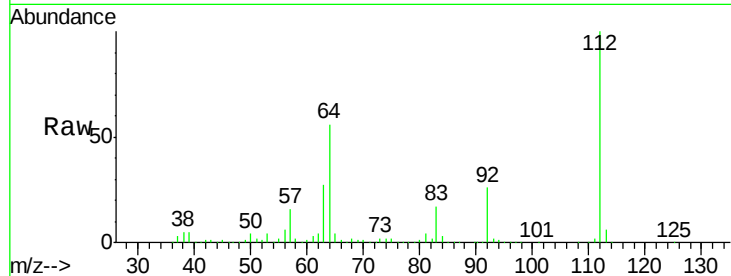
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		950629		
64	55.7	46.0	69.0		
63	27.3	23.4	35.0		

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#6

Aniline

Concen: 35.26 ng m

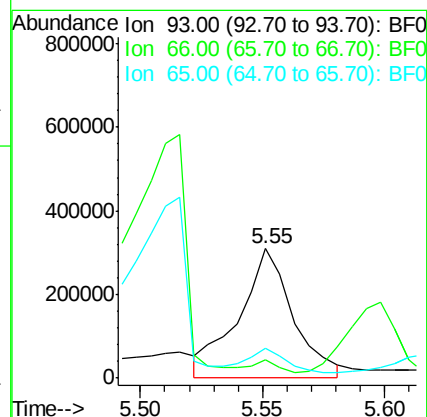
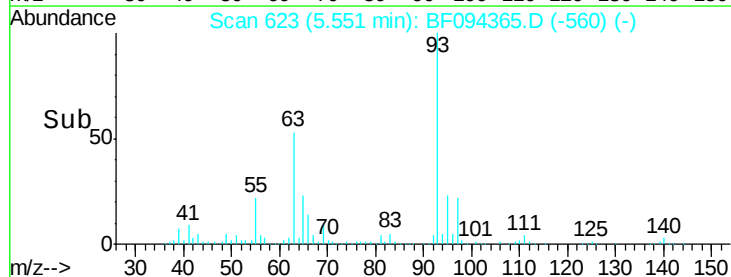
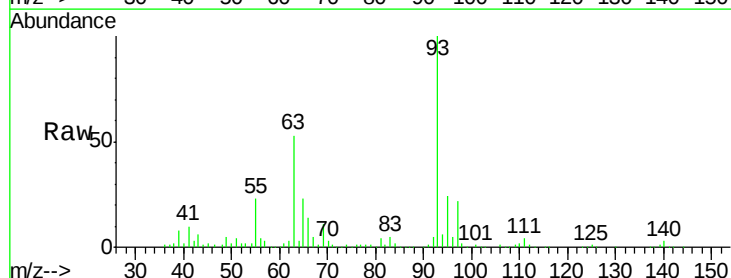
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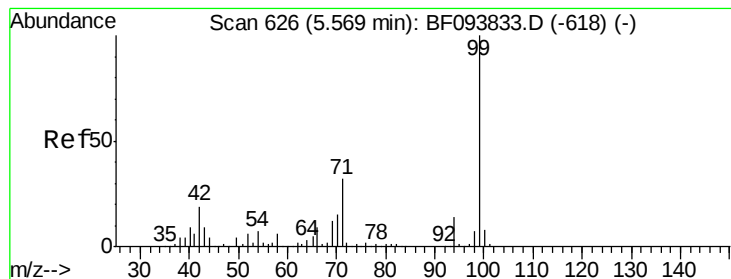
Delta R.T. 0.07 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		480246		
66	14.3	32.9	49.3#		
65	23.2	16.0	24.0		





#7

Phenol-d6

Concen: 112.73 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.02 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

ClientSampleId :

E2-AA8-BAEMSD

Tot Ion: 99 Resp: 1103687

Ion Ratio Lower Upper

99 100

42 18.8 13.5 20.3

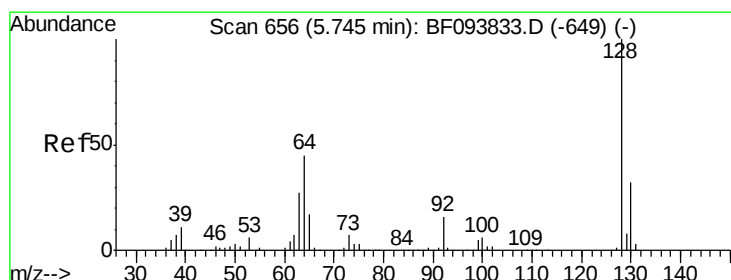
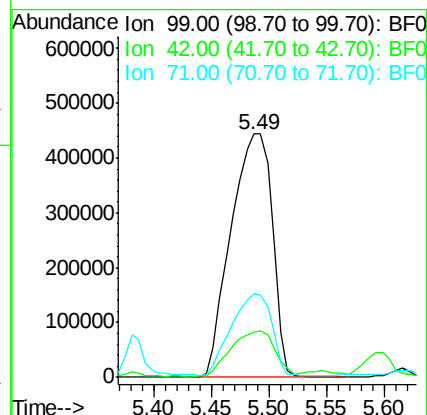
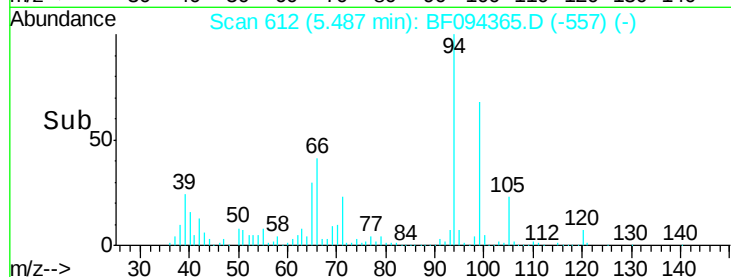
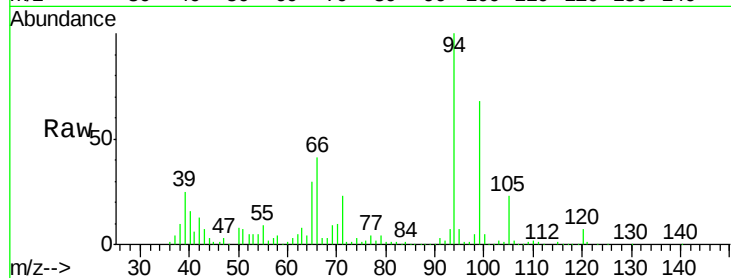
71 34.2 24.5 36.7

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#8

2-Chlorophenol

Concen: 40.33 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

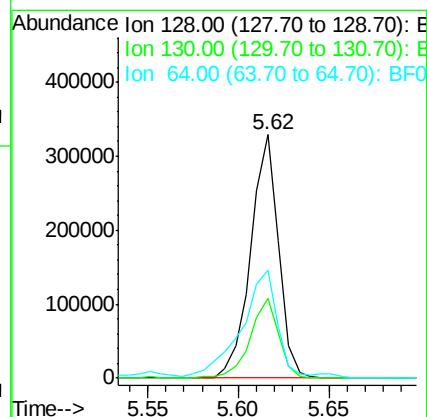
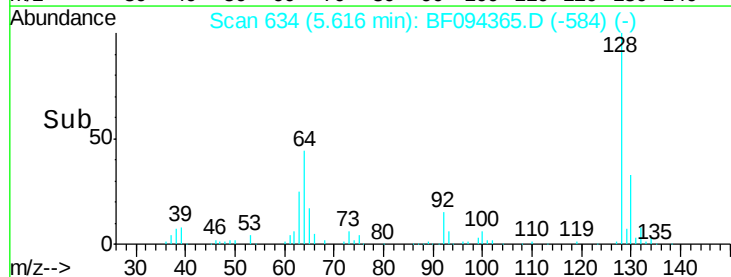
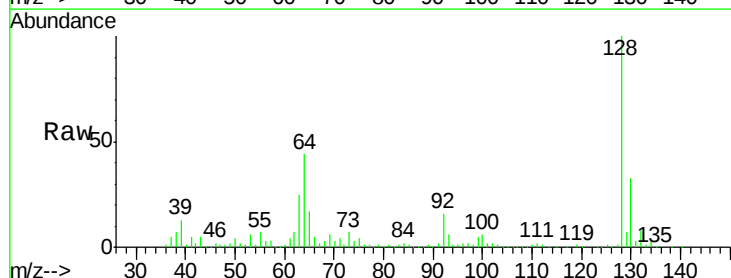
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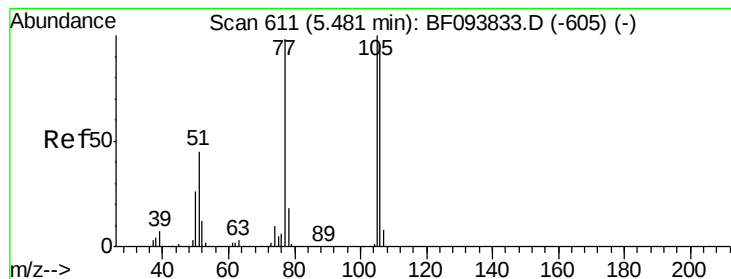
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 44.4 28.4 68.4





#9

Benzaldehyde

Concen: 12.73 ng

RT: 5.33 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

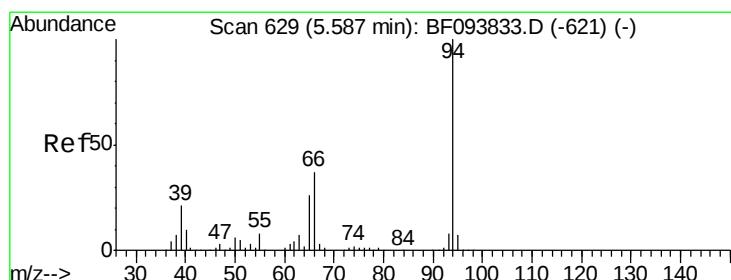
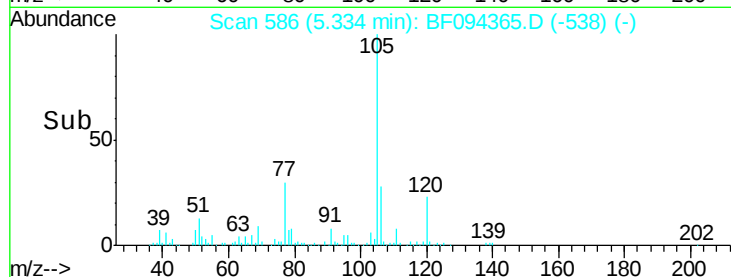
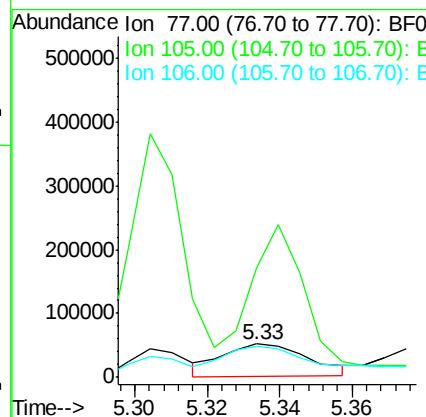
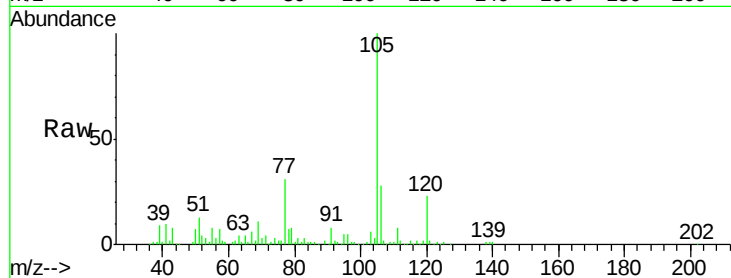
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	327.3	83.8	123.8	
106	91.7	79.1	119.1	

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#10

Phenol

Concen: 255.80 ng

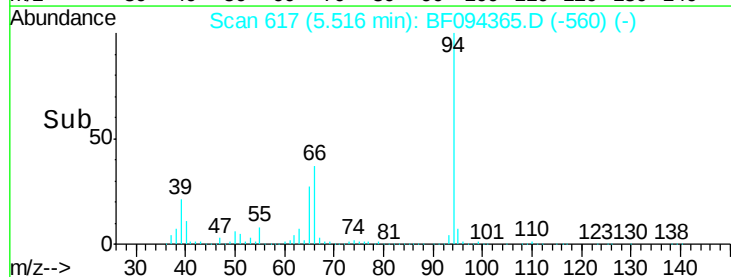
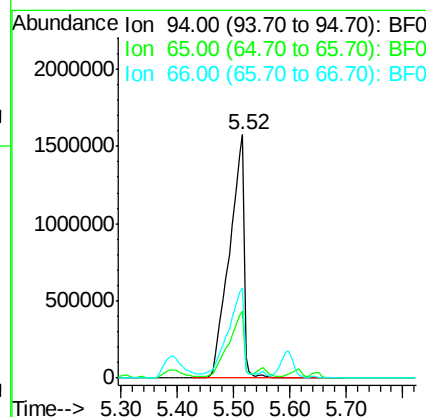
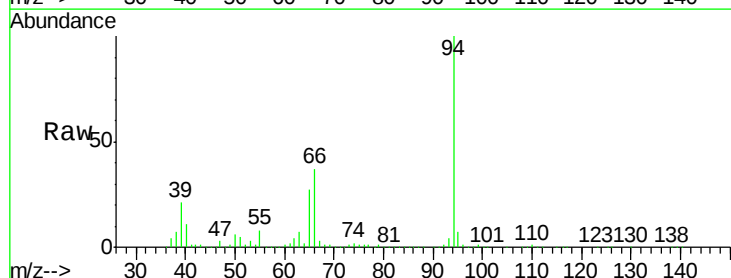
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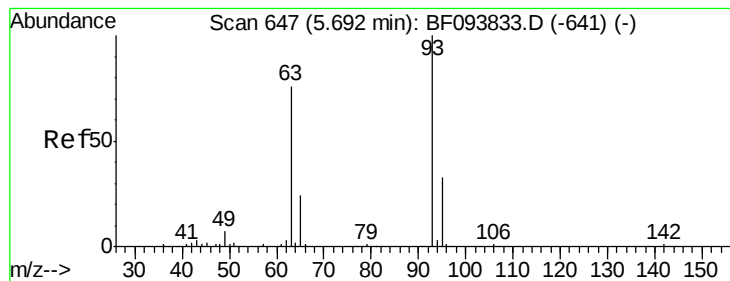
Delta R.T. 0.04 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	27.5	9.9	49.9	
66	36.9	23.1	63.1	





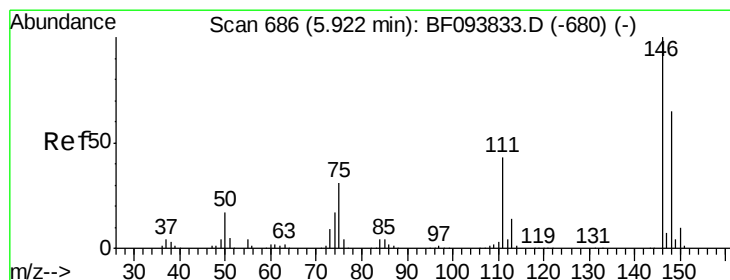
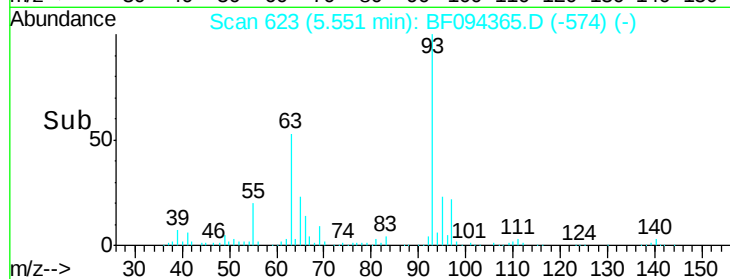
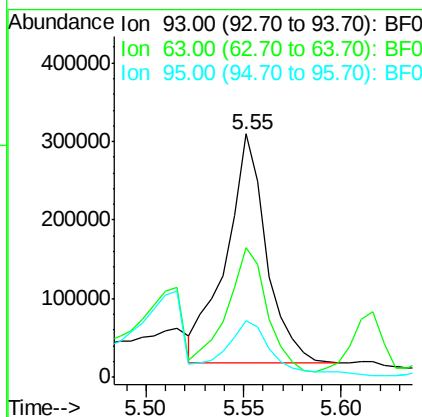
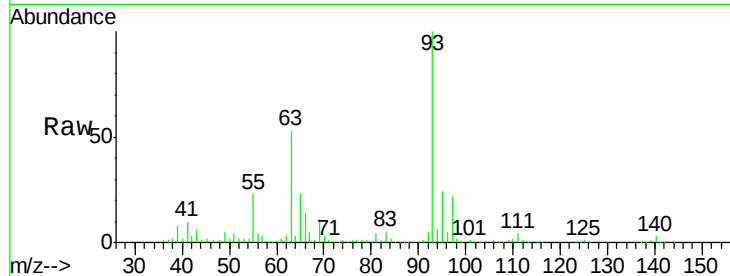
#11
bis(2-Chloroethyl)ether
Concen: 47.97 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	53.1	59.2	99.2#
95	23.6	12.8	52.8

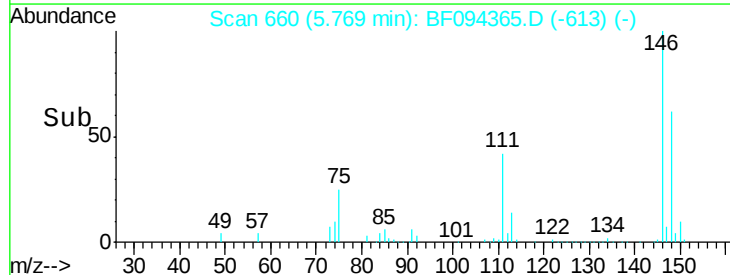
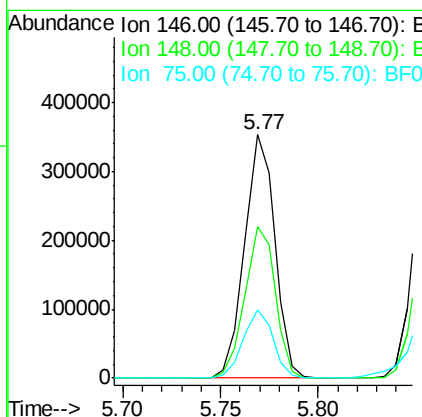
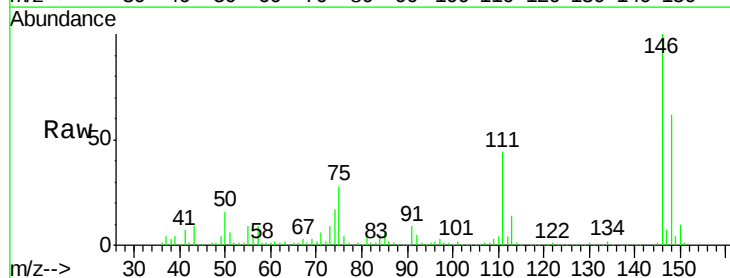
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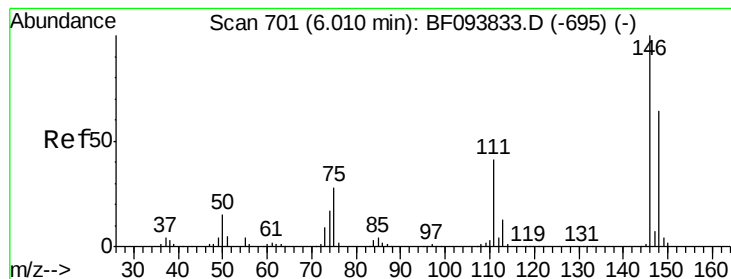
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.95 ng
RT: 5.77 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.8	77.6
75	28.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.49 ng

RT: 5.86 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

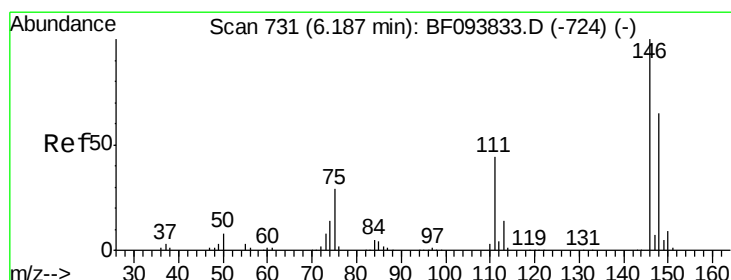
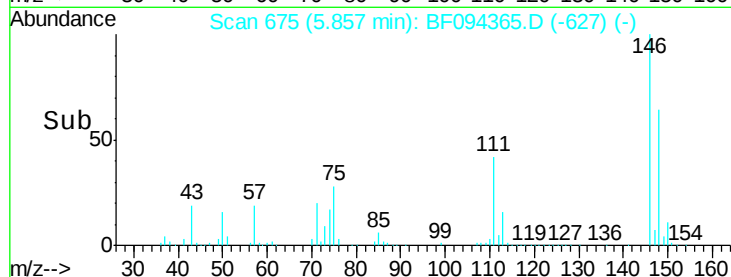
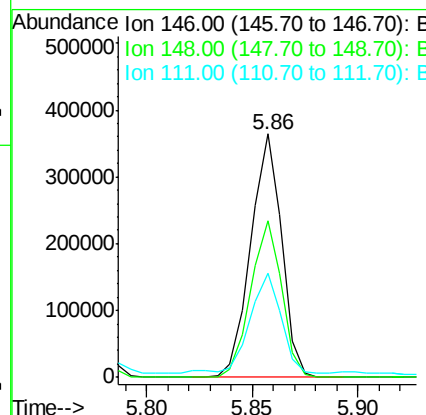
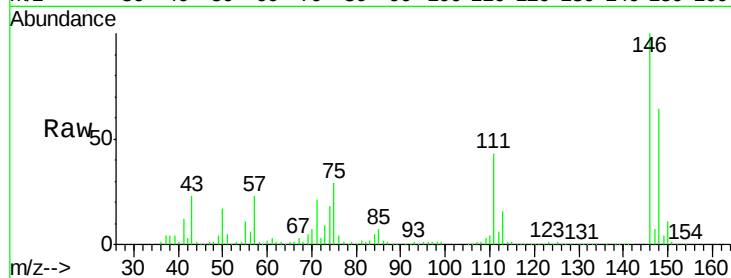
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion:	146	Resp:	370554
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.2
111	42.8	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 38.05 ng

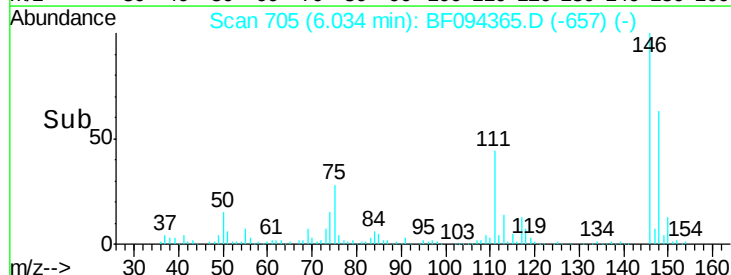
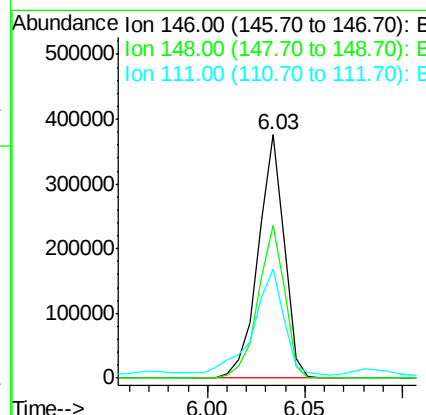
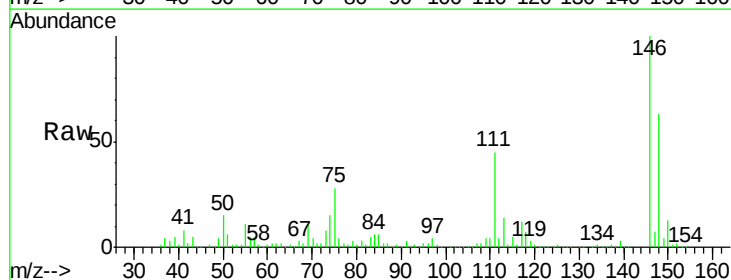
RT: 6.03 min Scan# 705

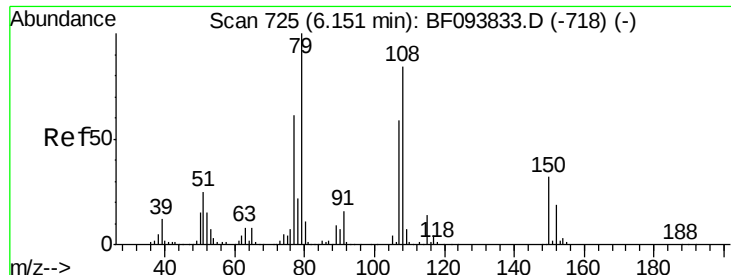
Delta R.T. -0.02 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion:	146	Resp:	346319
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.4	75.6
111	44.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 391.82 ng

RT: 6.23 min Scan# 739

Delta R.T. 0.21 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

ClientSampleId :

E2-AA8-BAEMSD

Tot Ion: 79 Resp: 2807815

Ion Ratio Lower Upper

79 100

108 235.3 63.4 95.0#

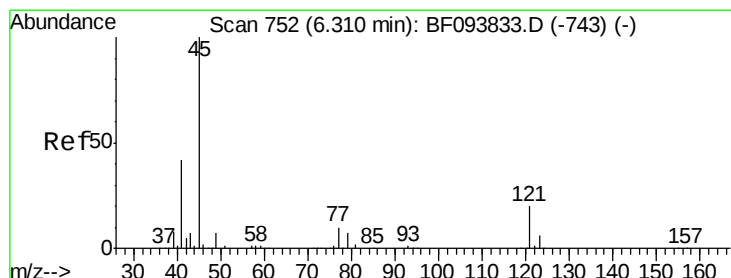
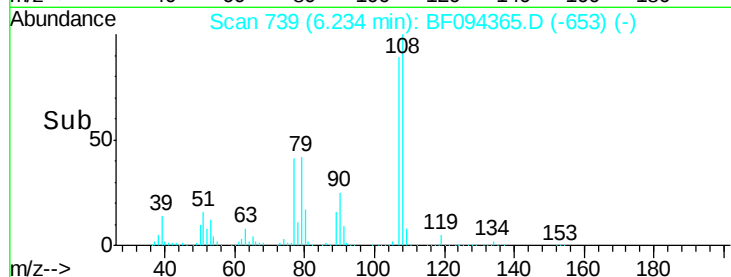
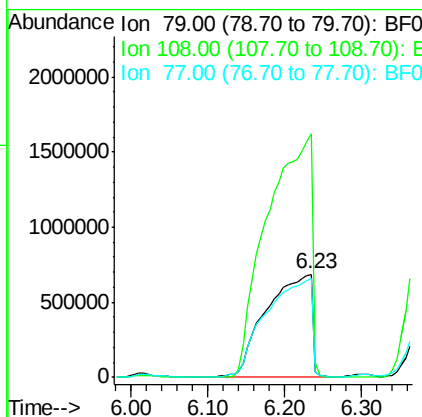
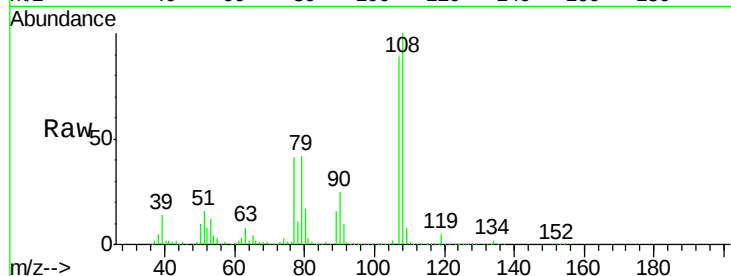
77 96.1 49.2 73.8#

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#16

2,2'-oxybis(1-chloropropane)

Concen: 18.33 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

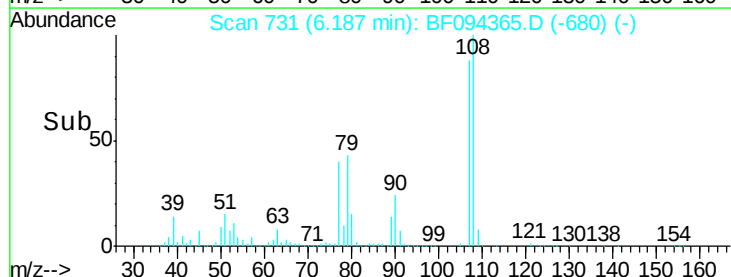
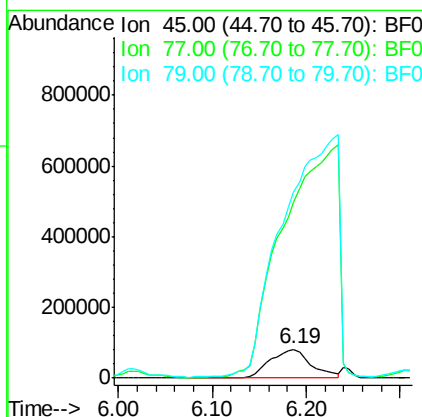
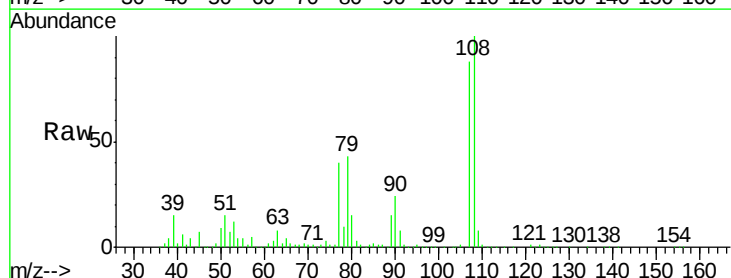
Tgt Ion: 45 Resp: 245976

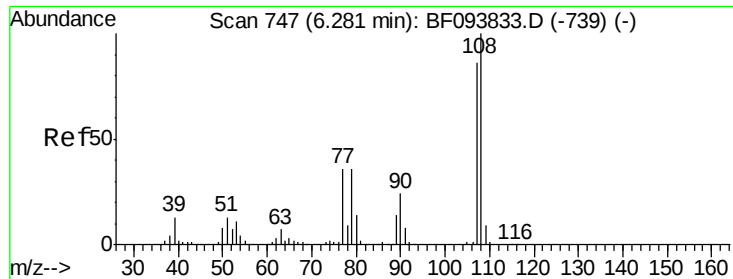
Ion Ratio Lower Upper

45 100

77 607.5 0.0 33.2#

79 643.7 0.0 30.0#





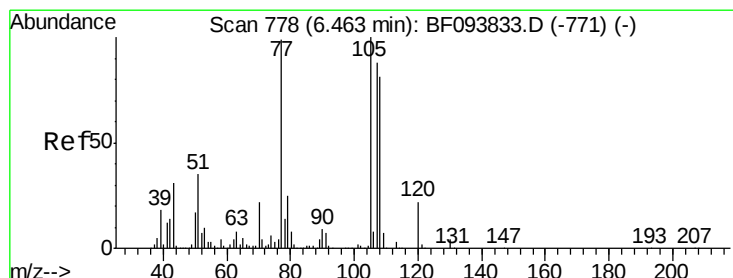
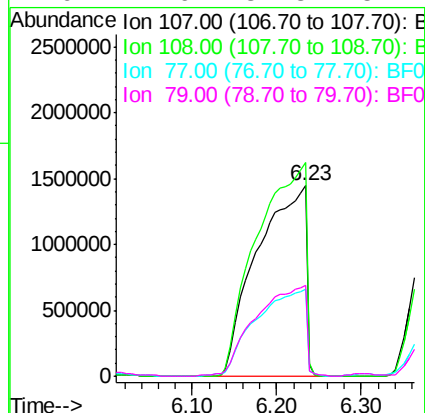
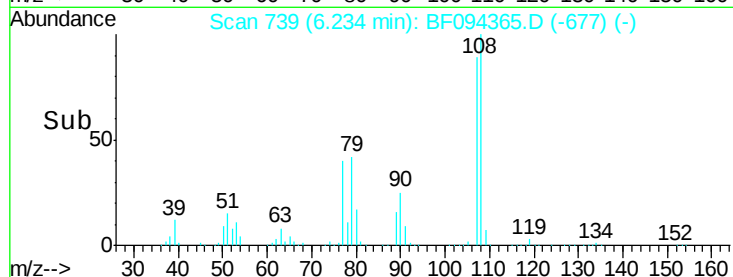
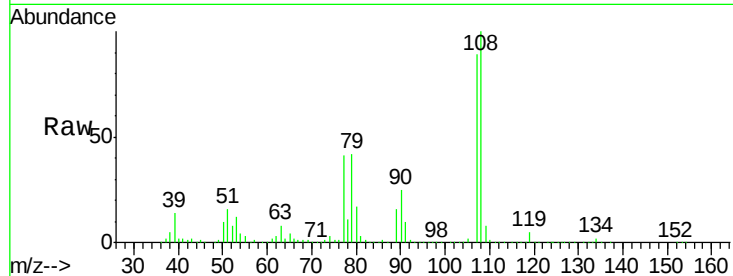
#17
2-Methylphenol
Concen: 774.68 ng
RT: 6.23 min Scan# 739
Delta R.T. 0.06 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	93.4	140.0
77	45.8	35.8	53.6
79	47.6	34.8	52.2

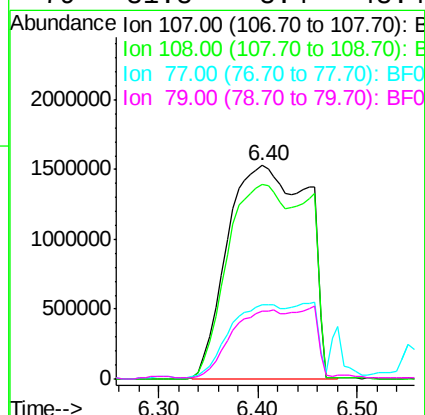
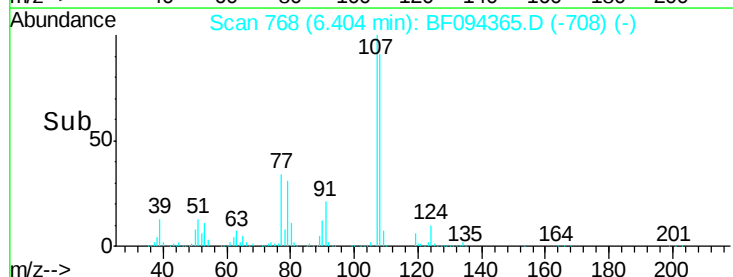
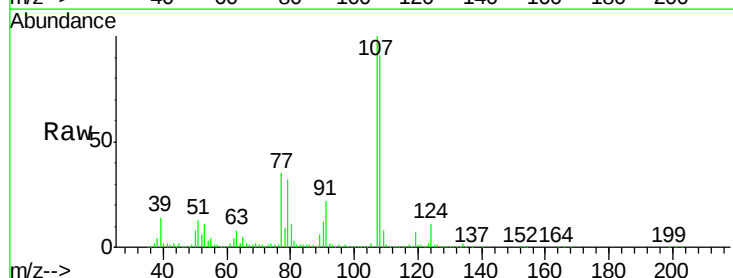
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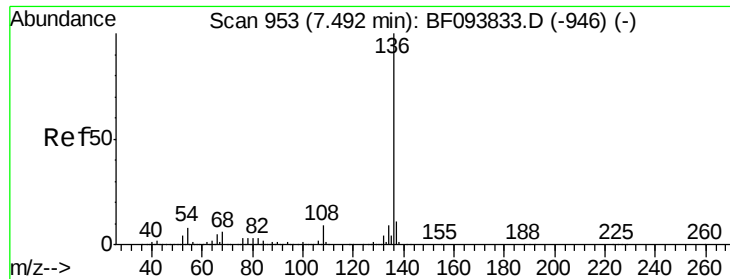
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#20
3+4-Methylphenols
Concen: 944.81 ng m
RT: 6.40 min Scan# 768
Delta R.T. 0.05 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.0	111.0
77	34.5	90.5	130.5#
79	31.8	8.4	48.4





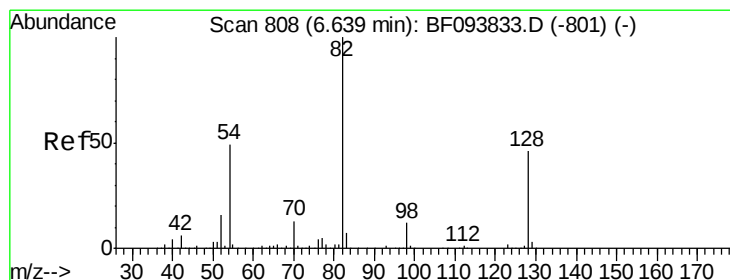
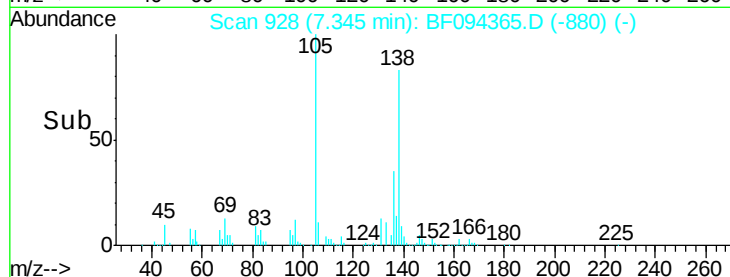
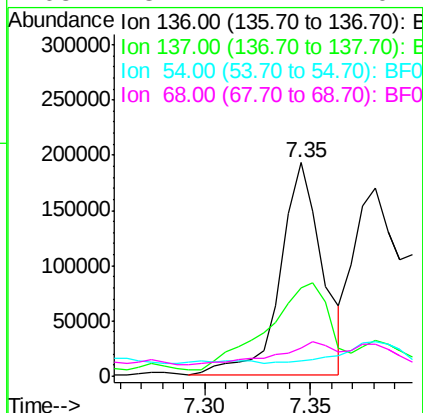
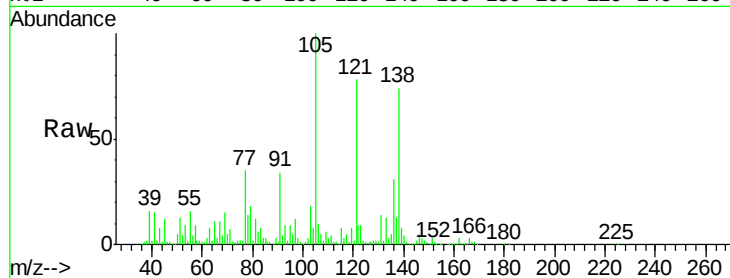
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	41.1	8.5	12.7#	
54	7.4	4.9	7.3#	
68	13.4	4.1	6.1#	

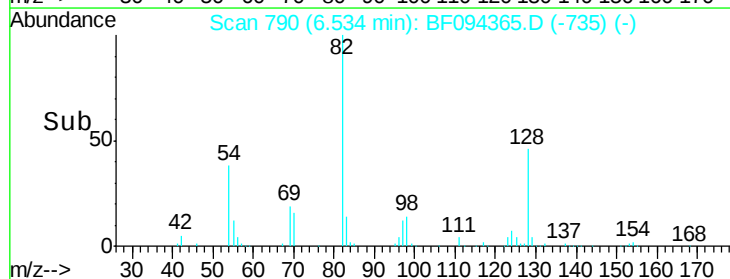
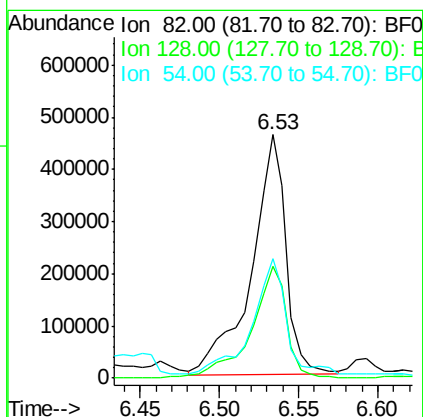
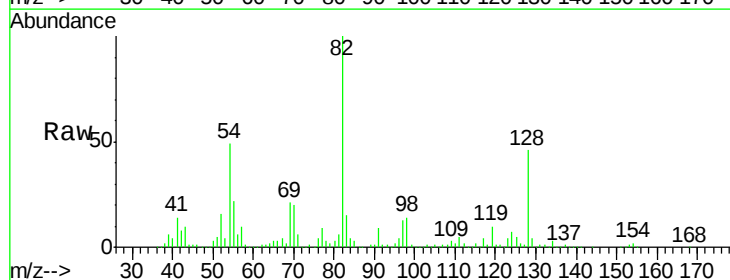
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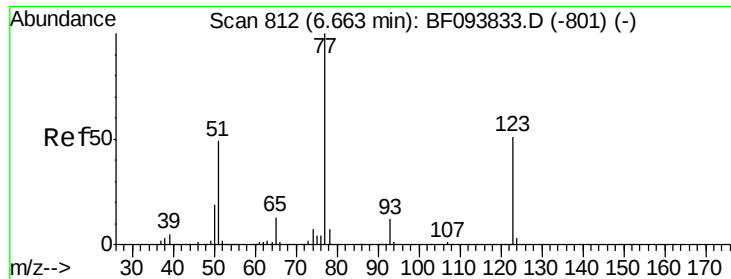
mohammad
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#23
Nitrobenzene-d5
Concen: 151.31 ng
RT: 6.53 min Scan# 790
Delta R.T. 0.02 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	34.0	51.0	
54	49.0	42.2	63.2	





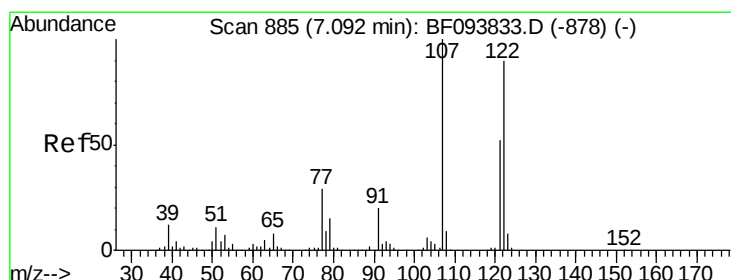
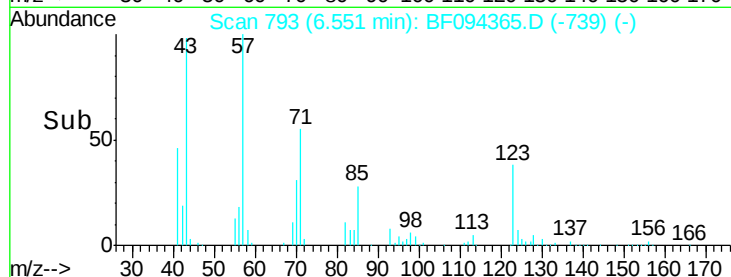
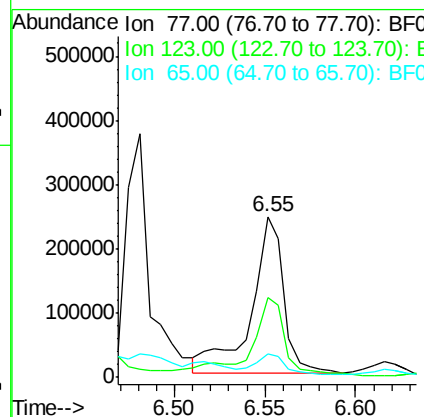
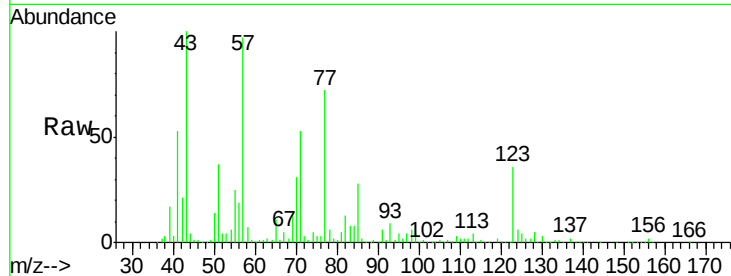
#24
Nitrobenzene
Concen: 65.91 ng
RT: 6.55 min Scan# 793
Delta R.T. 0.02 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	50.0	35.8	53.8
65	14.8	10.6	15.8

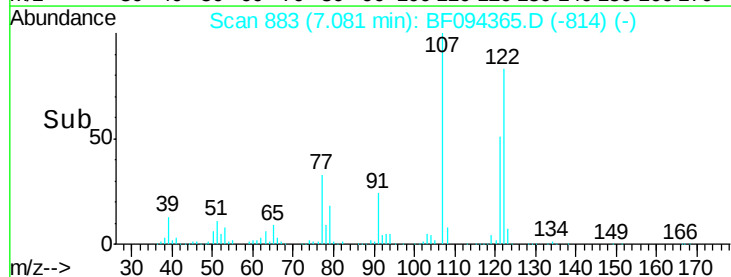
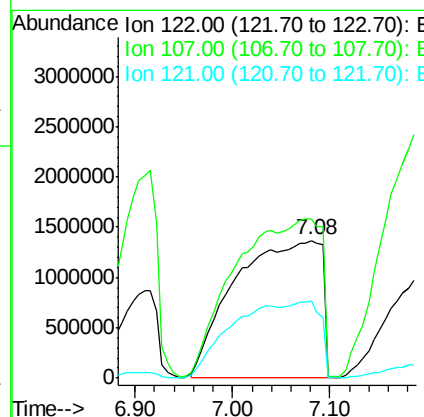
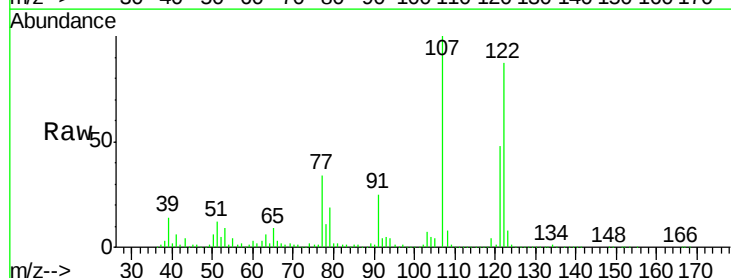
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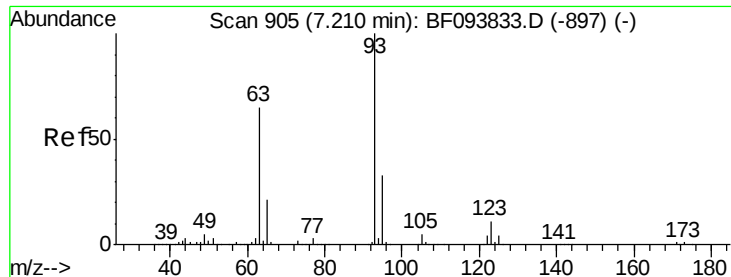
mohammad
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#27
2,4-Dimethylphenol
Concen: 2235.78 ng m
RT: 7.08 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.6	89.2	133.8
121	55.6	45.2	67.8





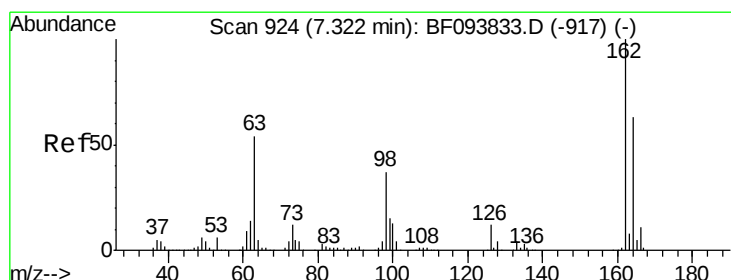
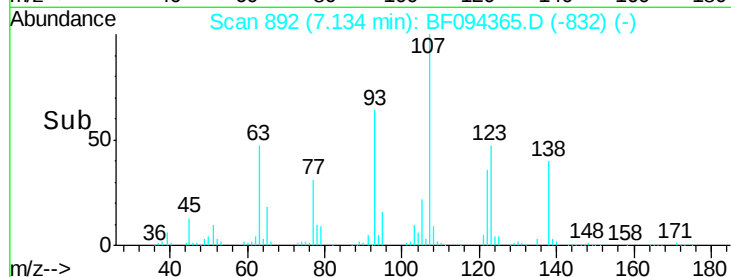
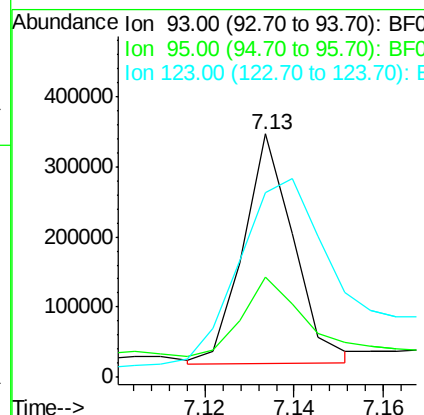
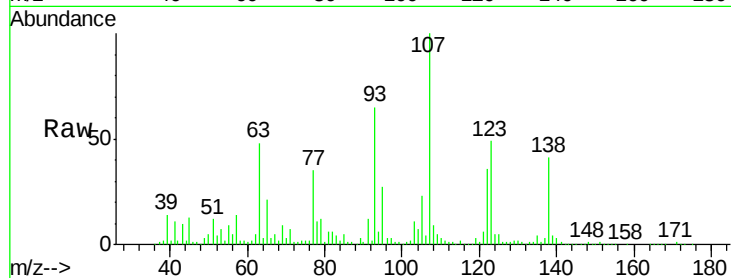
#28
bis(2-Chloroethoxy)methane
Concen: 47.11 ng/ml
RT: 7.13 min Scan# 892
Delta R.T. 0.05 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BASEMSD

Tot Ion	Ratio	Lower	Upper
93	100		
95	41.4	26.5	39.7#
123	75.6	9.0	13.4#

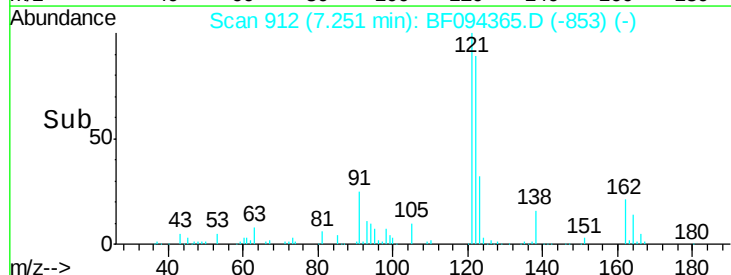
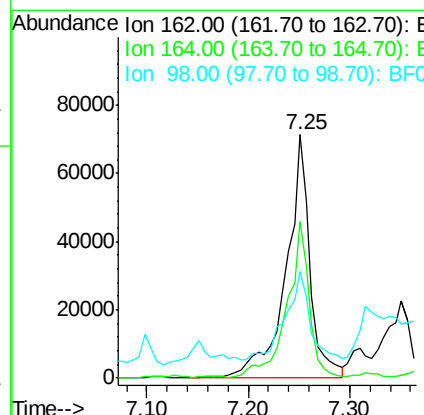
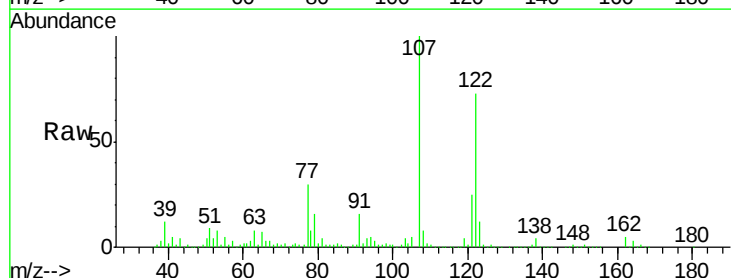
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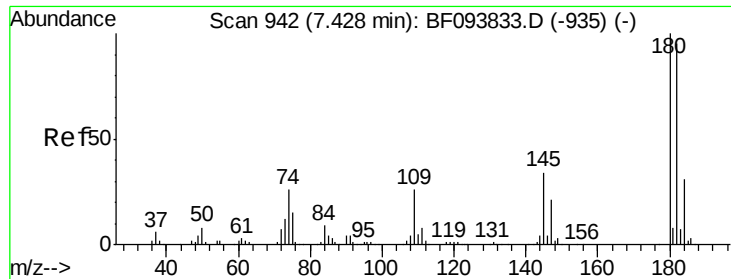
mohammad
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#29
2,4-Dichlorophenol
Concen: 33.63 ng/ml
RT: 7.25 min Scan# 912
Delta R.T. 0.05 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	44.0	14.8	54.8





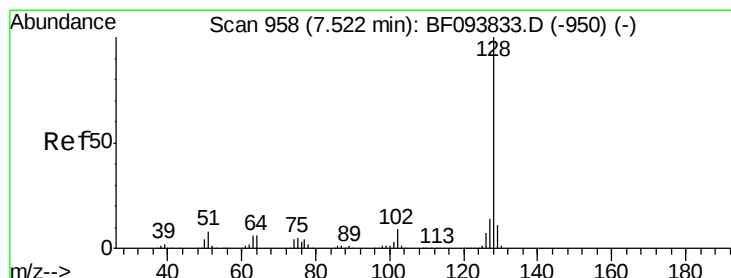
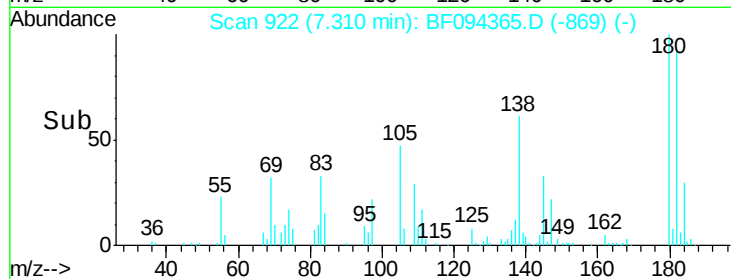
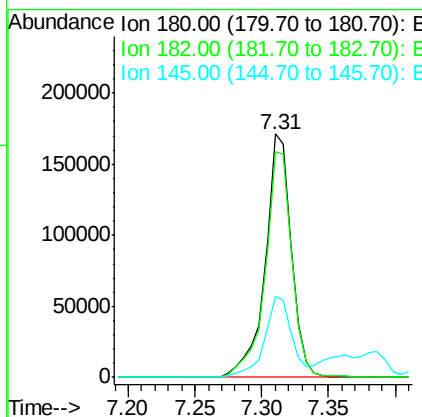
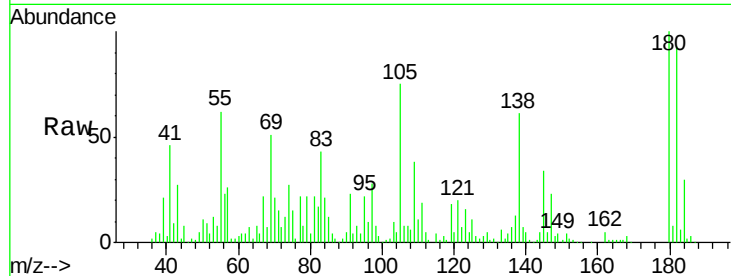
#30
1,2,4-Trichlorobenzene
Concen: 64.24 ng
RT: 7.31 min Scan# 922
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BASEMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.6
145	33.6	25.3	37.9

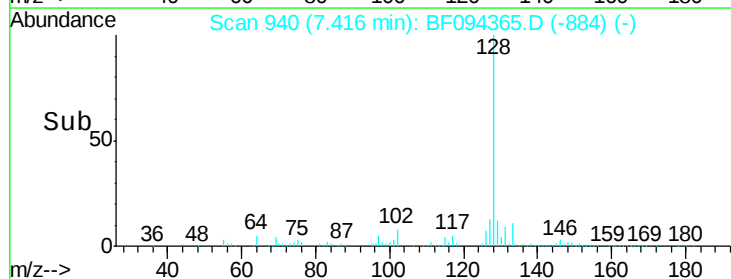
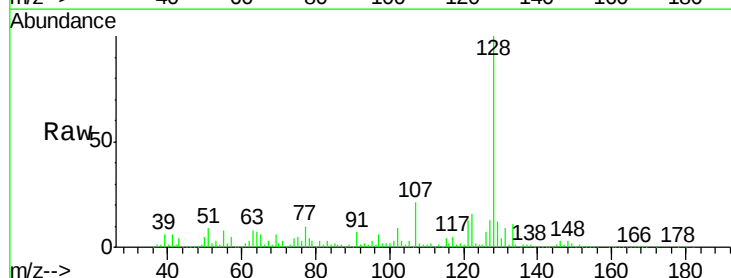
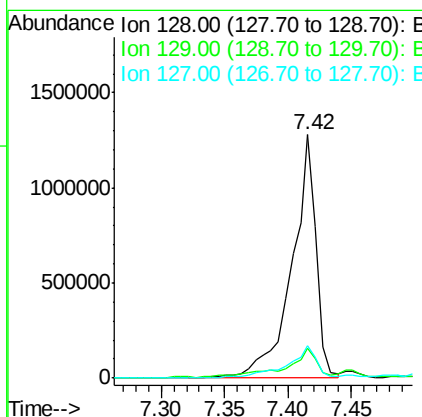
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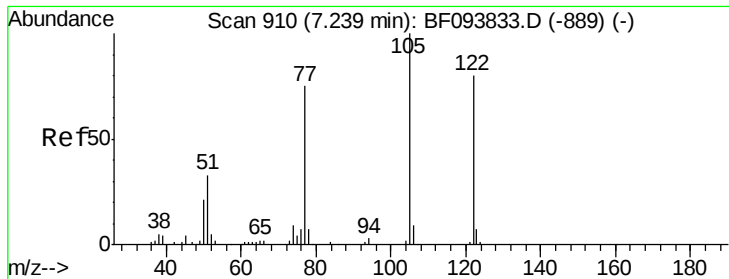
mohammad
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#31
Naphthalene
Concen: 132.24 ng
RT: 7.42 min Scan# 940
Delta R.T. 0.03 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	13.5	10.8	16.2





#32

Benzoic acid

Concen: 3620.88 ng/mL

RT: 7.26 min Scan# 914

Delta R.T. 0.12 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

ClientSampleId :

E2-AA8-BAEMSD

Tot Ion:122 Resp: 9106544

Ion Ratio Lower Upper

122 100

105 5.3 103.3 143.3#

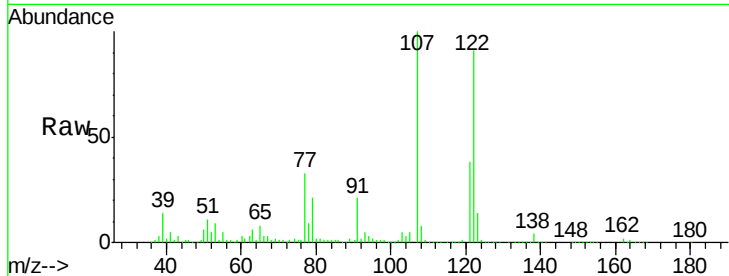
77 36.3 73.7 113.7#

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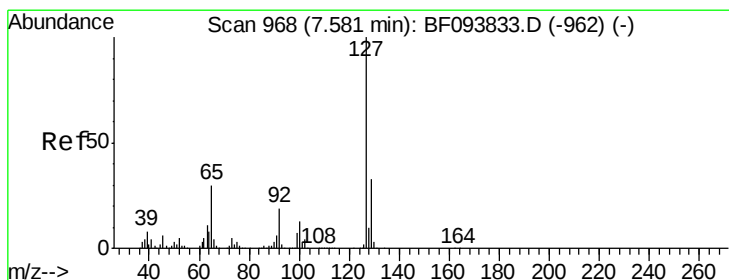
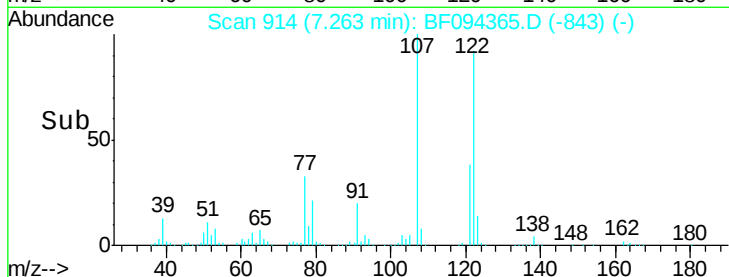
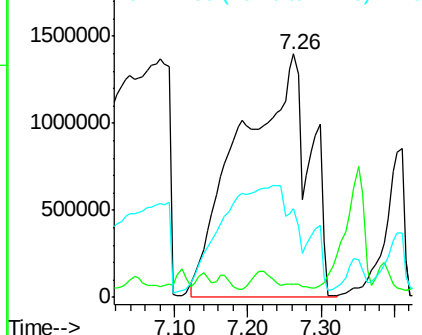
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 47.98 ng/mL

RT: 7.52 min Scan# 957

Delta R.T. 0.06 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion:127 Resp: 248747

Ion Ratio Lower Upper

127 100

129 33.4 26.2 39.2

65 29.9 27.8 41.8

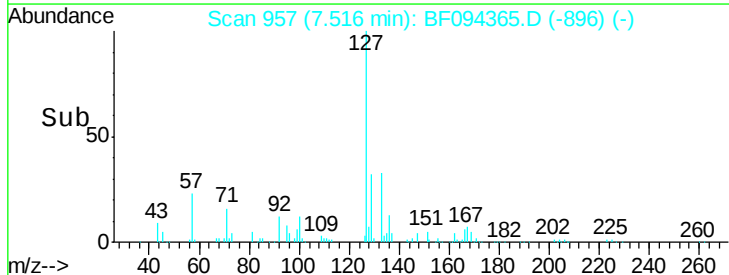
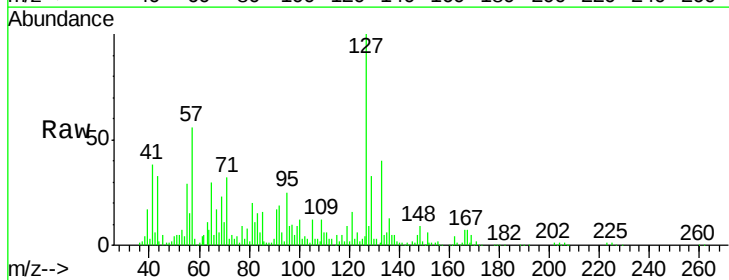
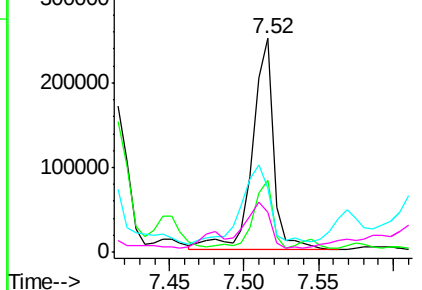
92 18.6 16.8 25.2

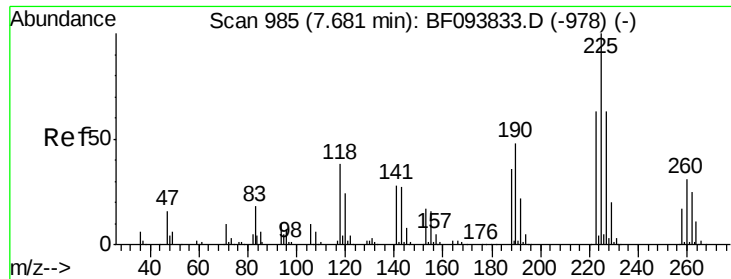
Abundance Ion 127.00 (126.70 to 127.70): E

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





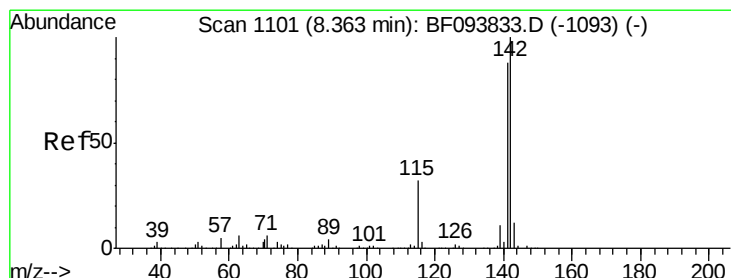
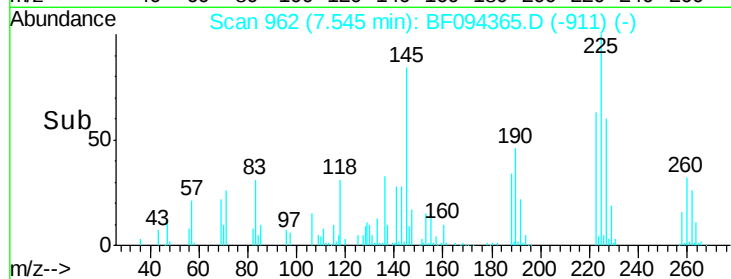
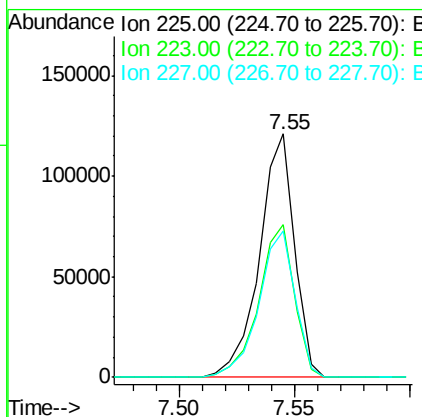
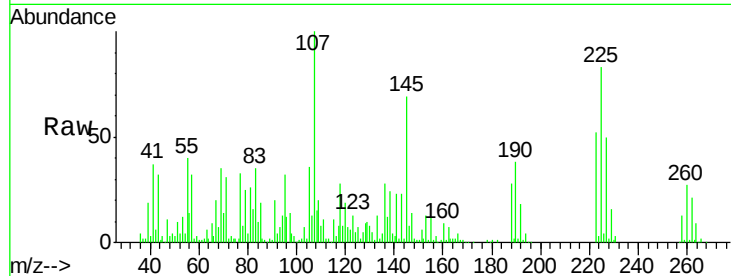
#34
Hexachlorobutadiene
Concen: 68.39 ng
RT: 7.55 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.8	73.2
227	60.2	51.1	76.7

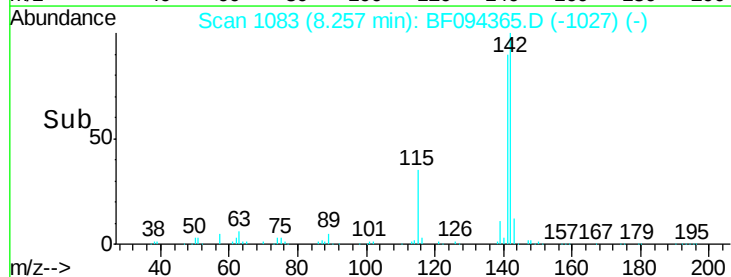
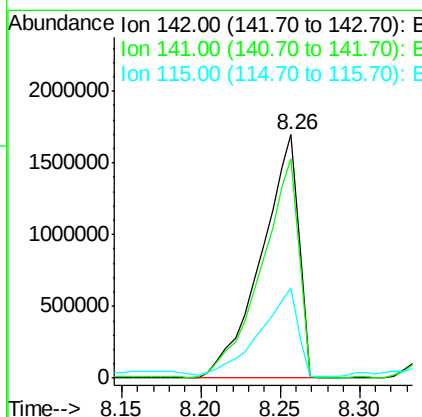
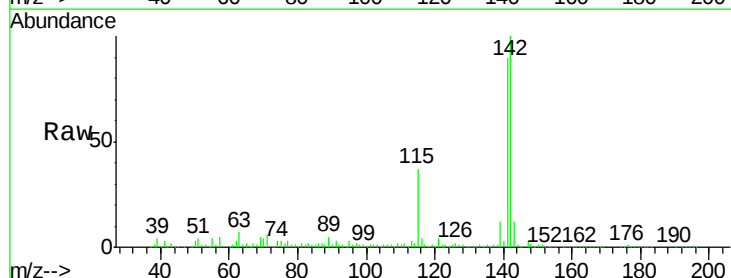
Manual Integrations
APPROVED

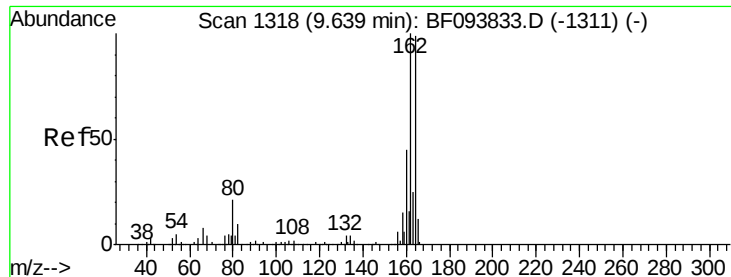
mohammad
4/12/2017 5:11:59 PM



#37
2-Methylnaphthalene
Concen: 324.54 ng
RT: 8.26 min Scan# 1083
Delta R.T. 0.03 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	36.8	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

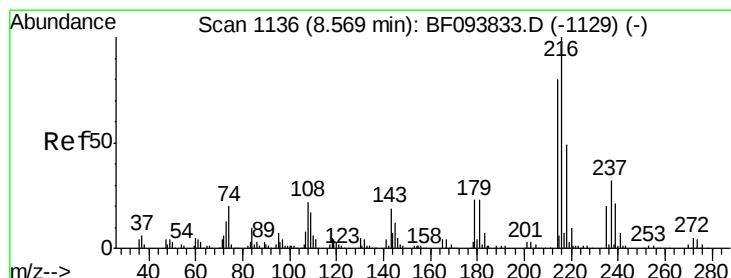
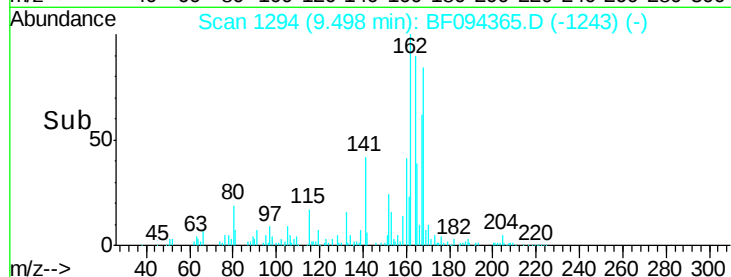
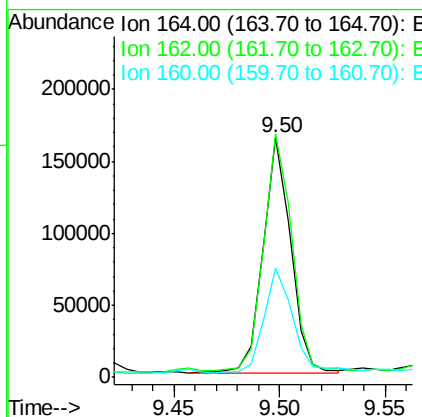
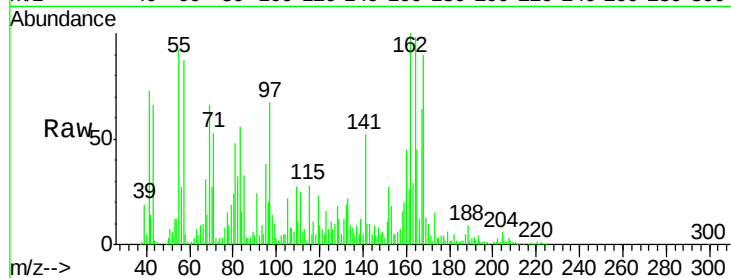
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion:	164	Resp:	148582
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.6	123.8
160	45.3	36.2	54.2

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.68 ng

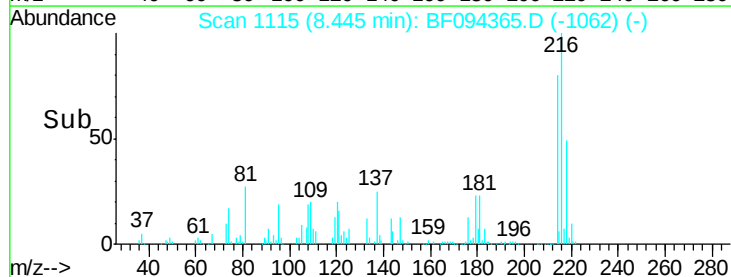
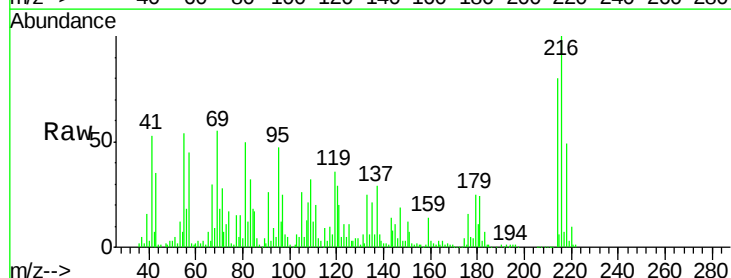
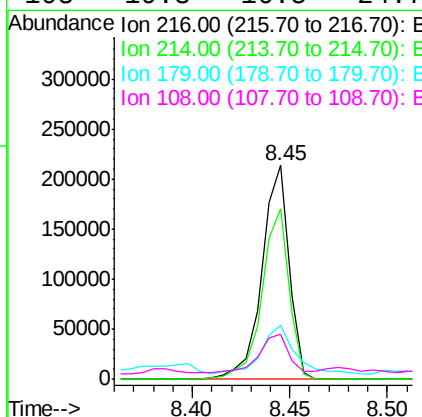
RT: 8.45 min Scan# 1115

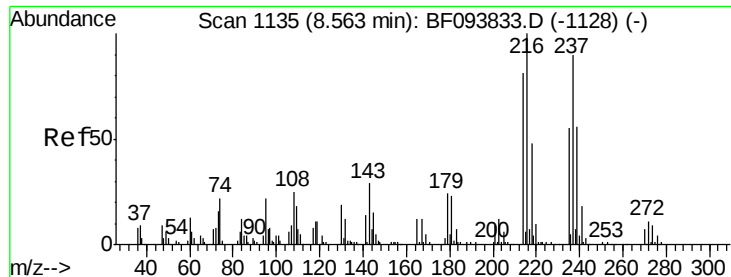
Delta R.T. 0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion:	216	Resp:	205977
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.4	95.2
179	28.4	17.9	26.9#
108	19.3	16.5	24.7





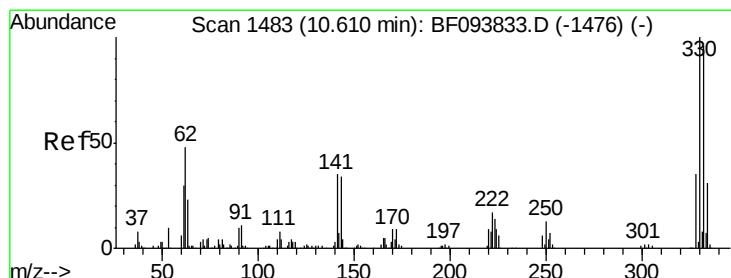
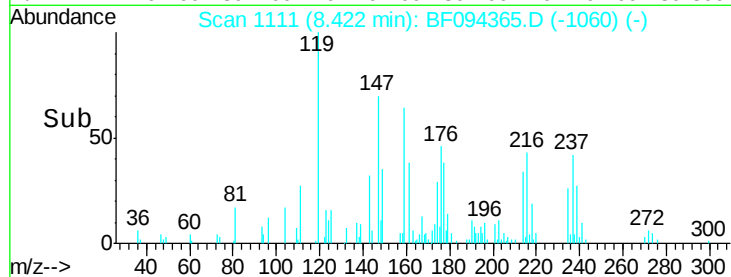
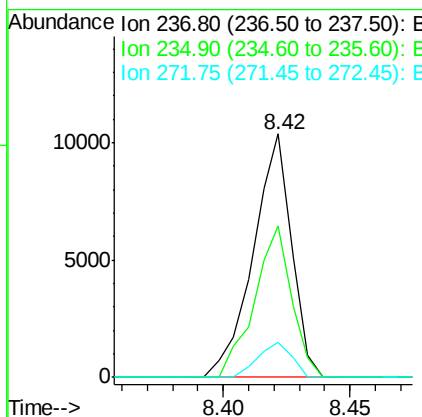
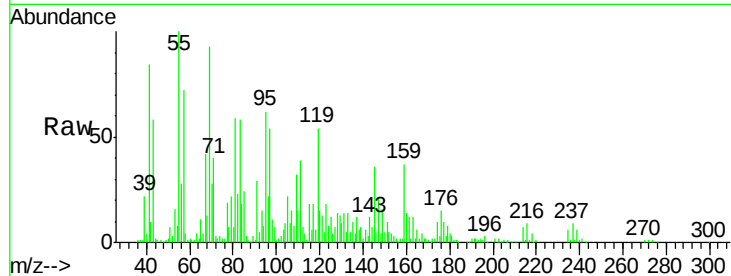
#40
Hexachlorocyclopentadiene
Concen: 5.75 ng
RT: 8.42 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion:	237	Resp:	10943
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.6	82.6
272	14.2	0.0	31.9

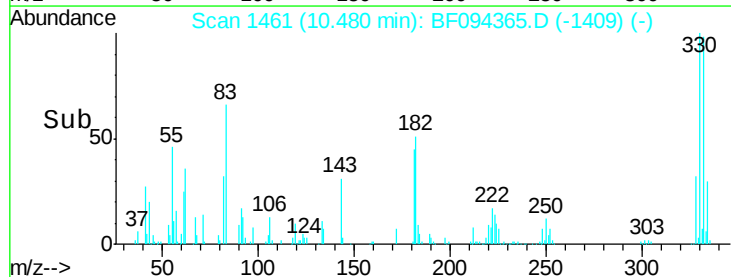
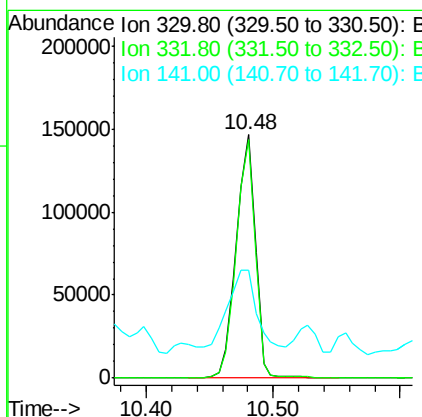
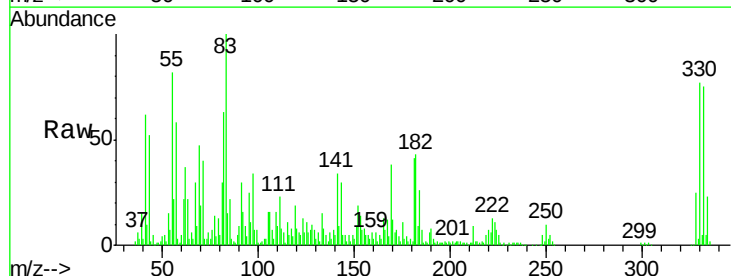
Manual Integrations
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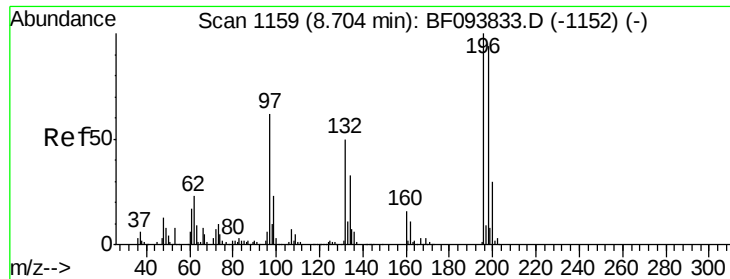
mohammad
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#41
2,4,6-Tribromophenol
Concen: 130.53 ng
RT: 10.48 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion:	330	Resp:	153257
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.6	115.0
141	45.0	31.4	47.2





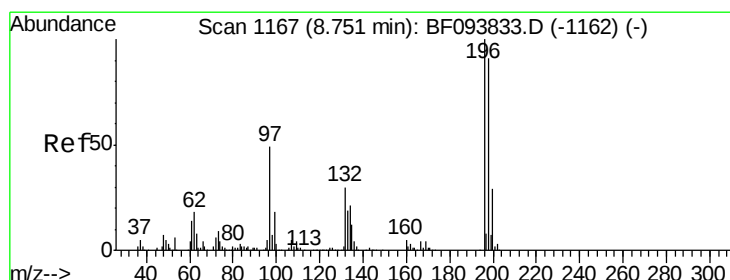
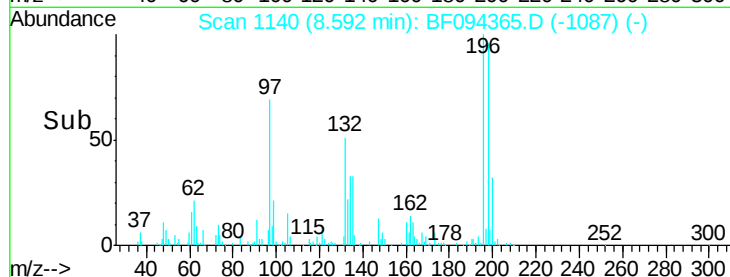
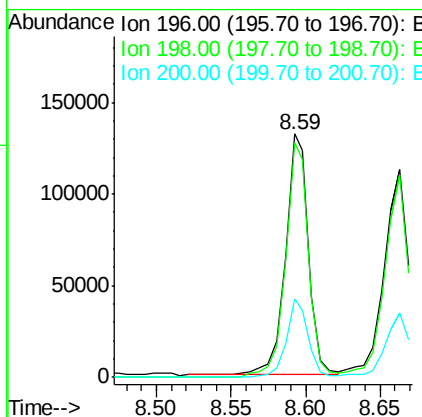
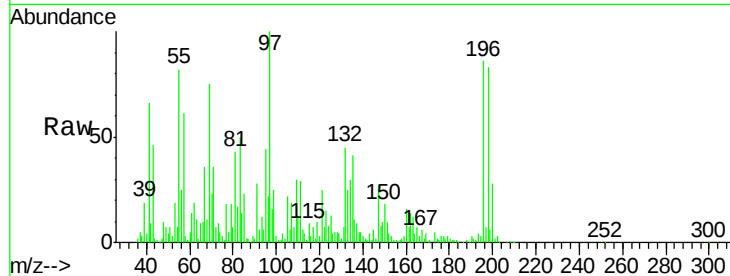
#42
 2,4,6-Trichlorophenol
 Concen: 49.68 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142871		
198	96.2	74.2	111.4	
200	32.1	24.0	36.0	

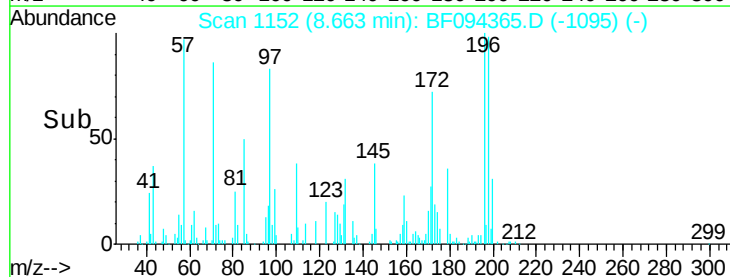
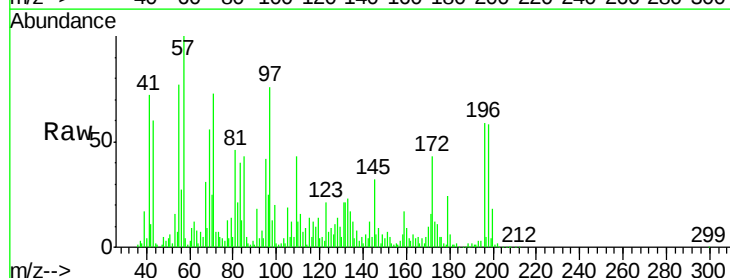
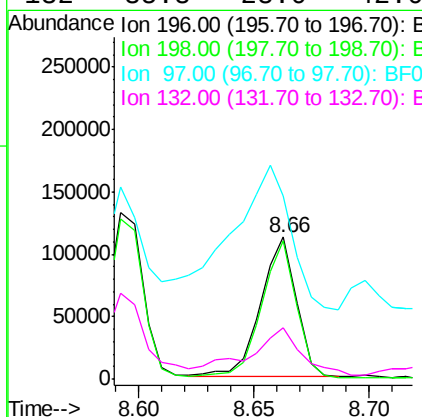
Manual Integrations
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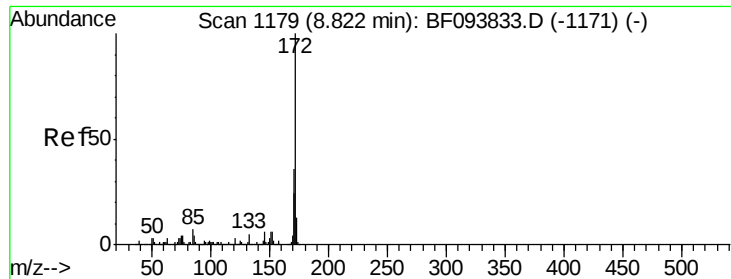
mohammad
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#43
 2,4,5-Trichlorophenol
 Concen: 38.88 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. 0.04 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120977		
198	97.5	75.7	113.5	
97	129.2	47.7	71.5#	
132	35.8	28.0	42.0	





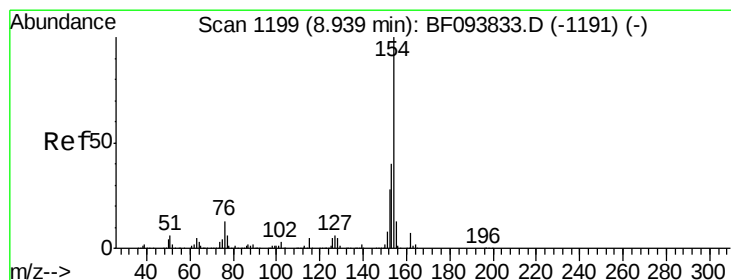
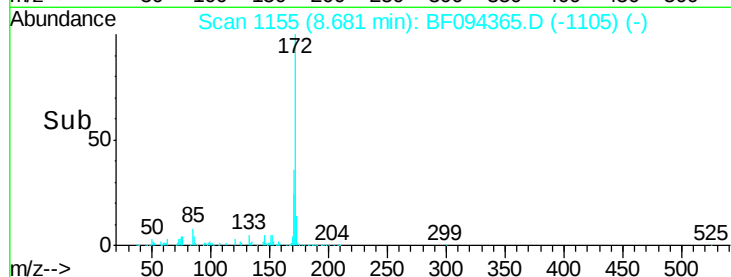
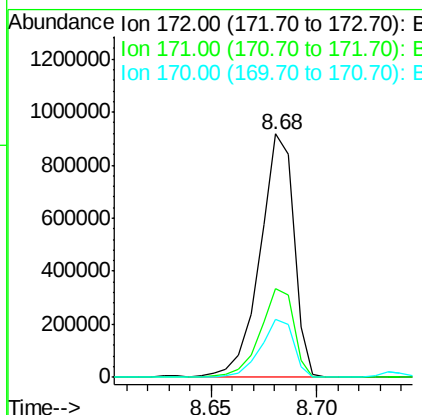
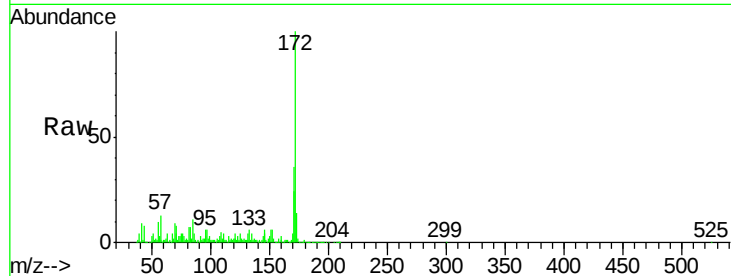
#44
2-Fluorobiphenyl
Concen: 104.74 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	19.8	29.8

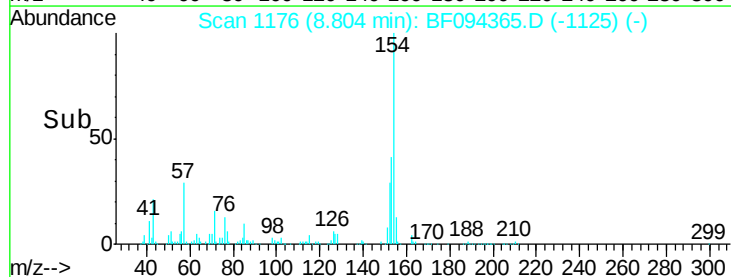
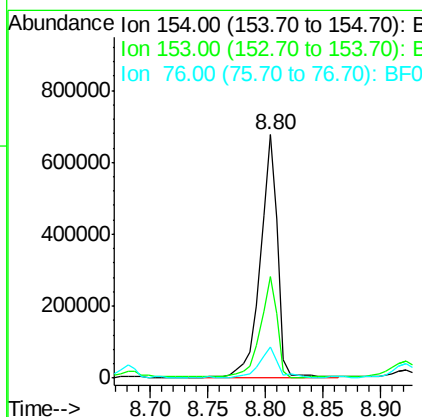
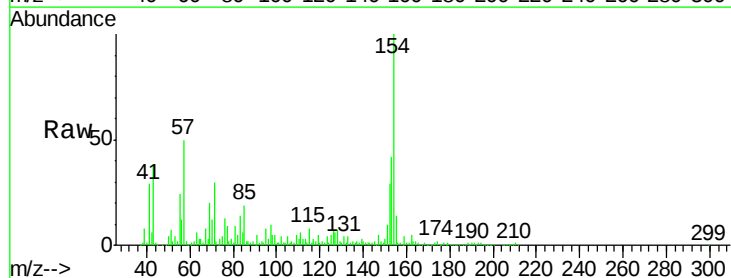
Manual Integrations
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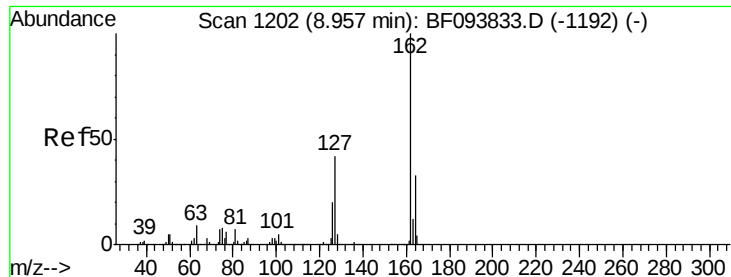
mohammad
4/12/2017 5:11:59 PM



#45
1,1'-Biphenyl
Concen: 58.11 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.2	61.2
76	12.9	0.0	29.9





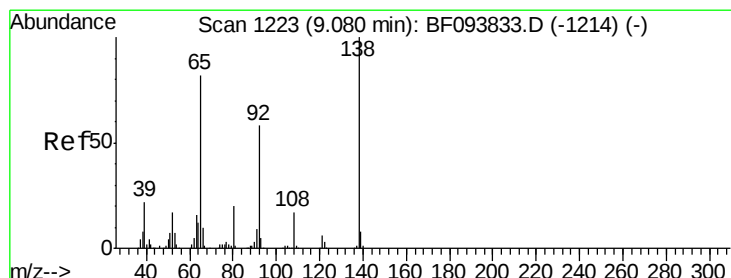
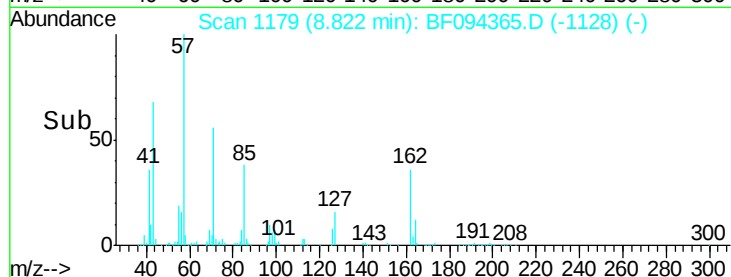
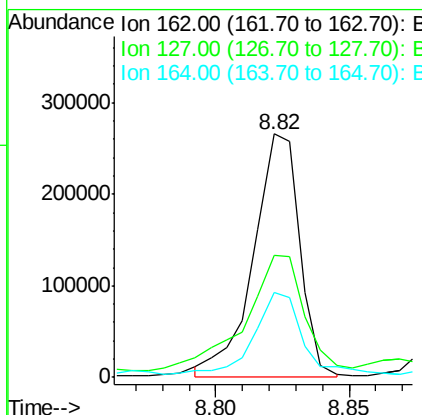
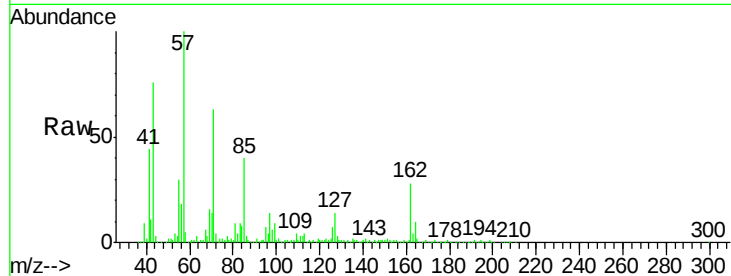
#46
2-Chloronaphthalene
Concen: 34.20 ng/mL
RT: 8.82 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	50.0	28.3	42.5#
164	34.6	27.0	40.4

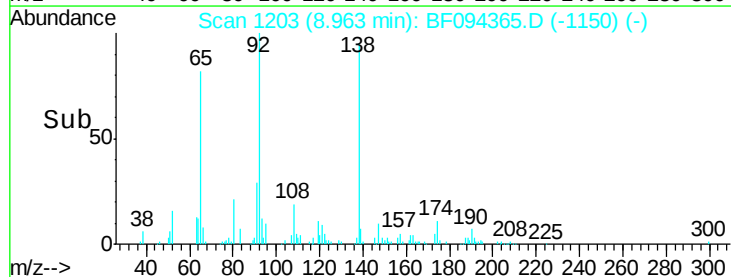
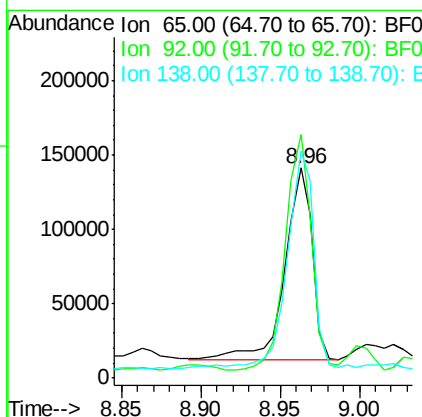
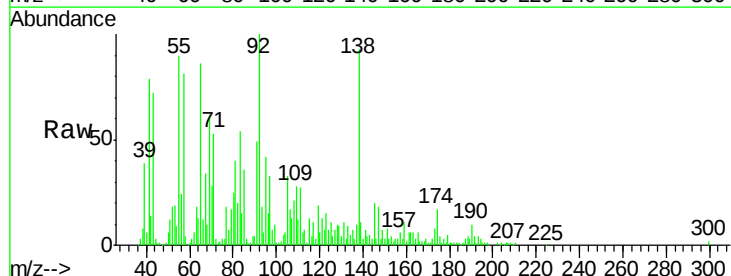
Manual Integrations
APPROVED

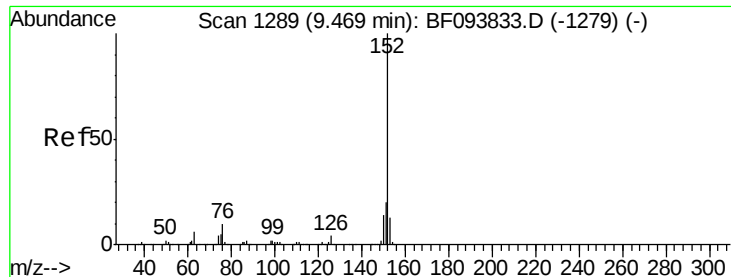
mohammad
4/12/2017 5:11:59 PM



#47
2-Nitroaniline
Concen: 55.58 ng
RT: 8.96 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	116.1	53.9	80.9#
138	108.0	78.8	118.2





#48

Acenaphthylene

Concen: 42.80 ng

RT: 9.33 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

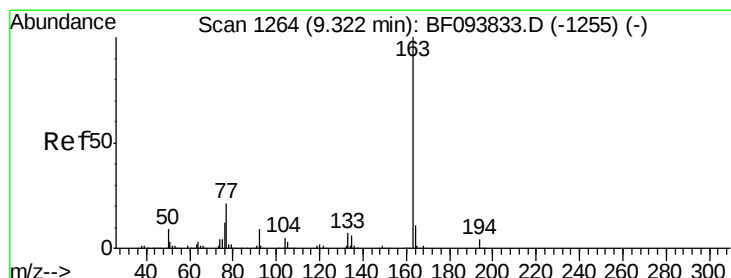
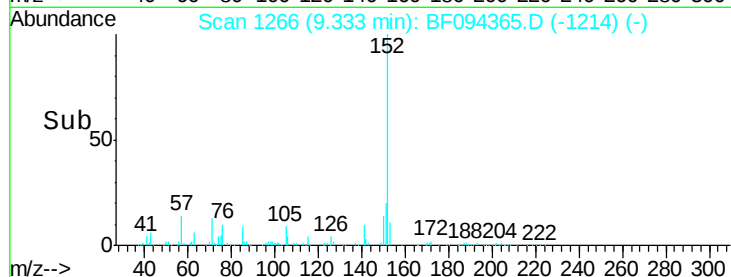
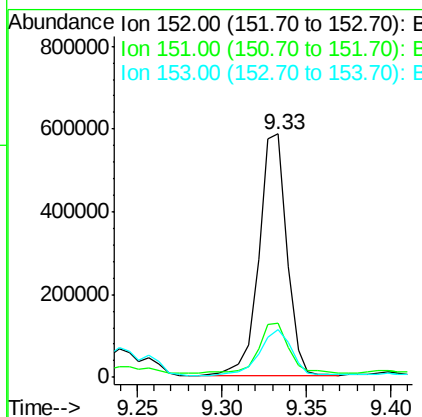
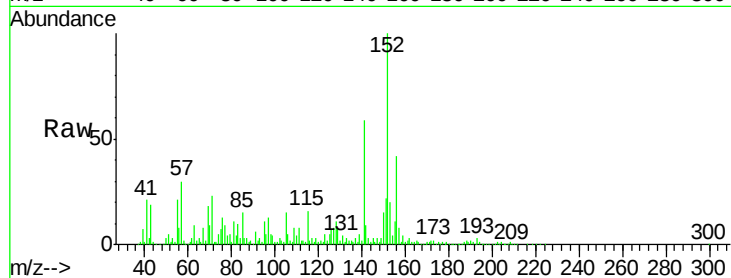
ClientSampleId :

E2-AA8-BASEMSD

Tot Ion:	152	Resp:	667249
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.8	25.2
153	19.6	10.8	16.2#

Manual Integrations
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#49

Dimethylphthalate

Concen: 62.83 ng

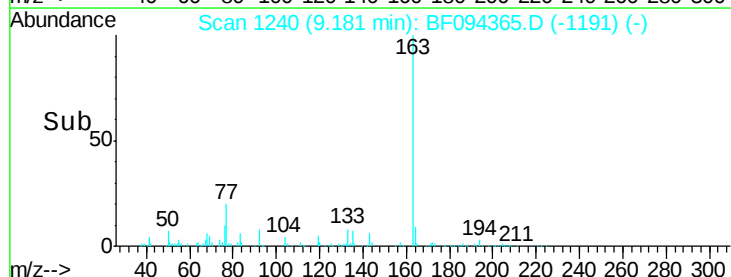
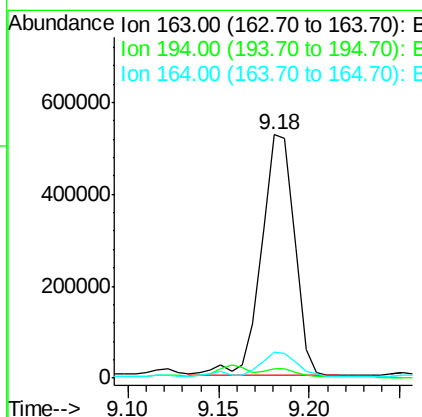
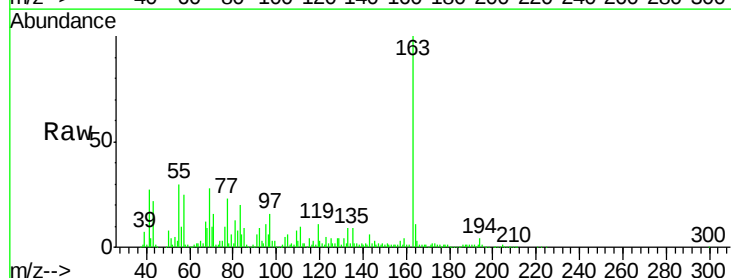
RT: 9.18 min Scan# 1240

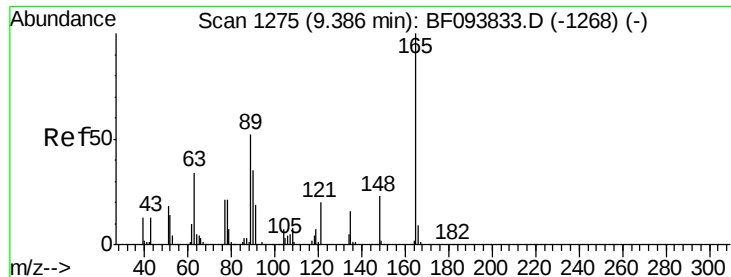
Delta R.T. -0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion:	163	Resp:	663550
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.6	4.0
164	10.9	8.4	12.6





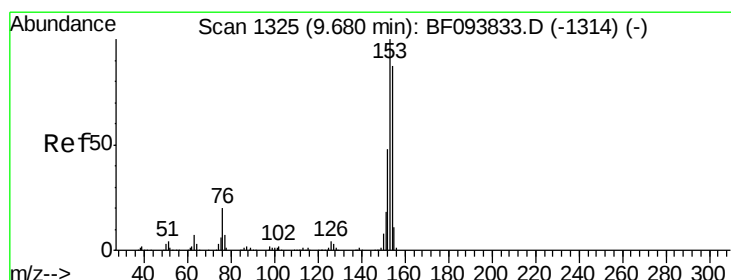
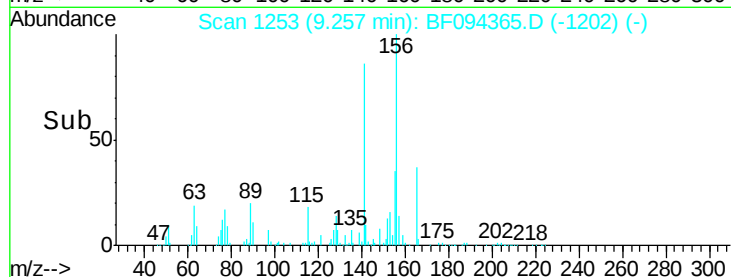
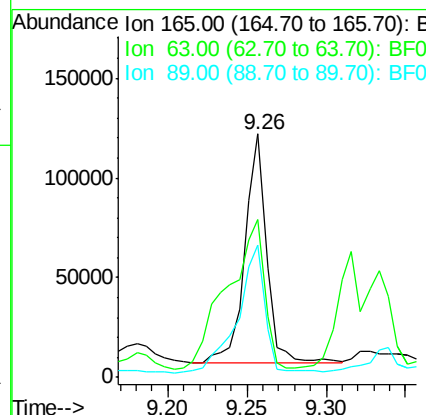
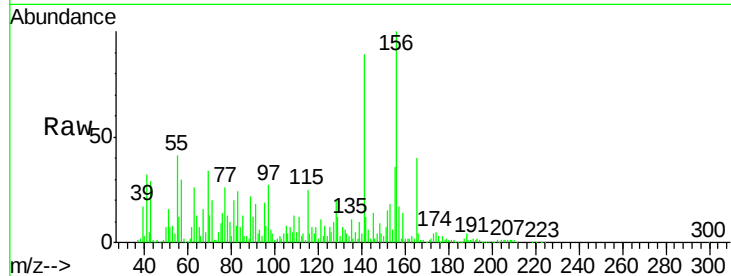
#50
 2,6-Dinitrotoluene
 Concen: 44.51 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	107767		
63	64.6	34.3	51.5#	
89	54.2	37.1	55.7	

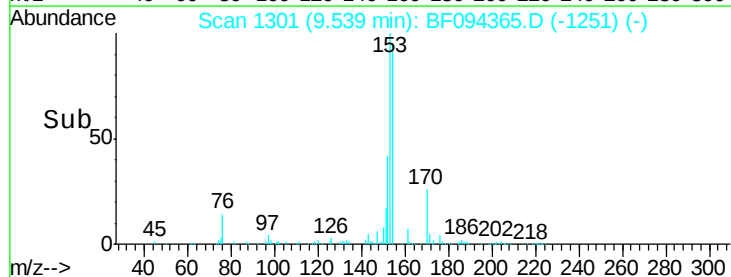
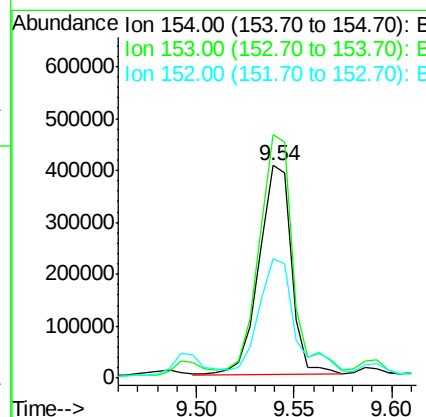
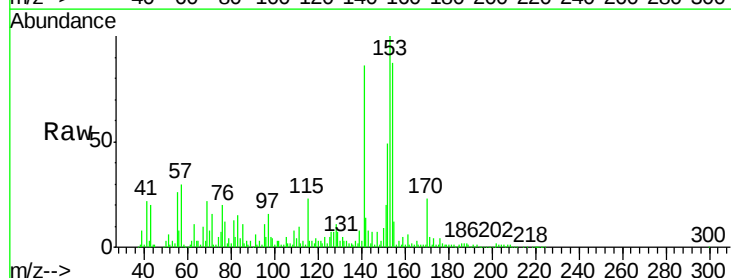
Manual Integrations
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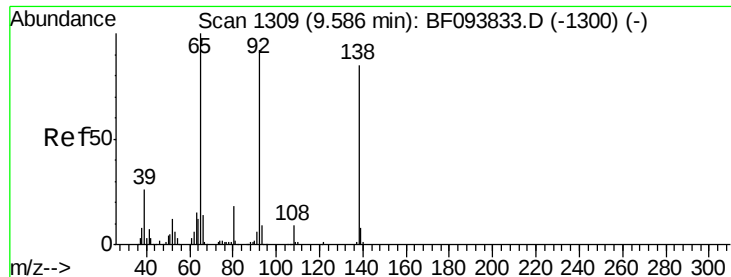
mohammad
 4/12/2017 5:11:59 PM



#51
 Acenaphthene
 Concen: 51.35 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	467209		
153	114.4	90.5	135.7	
152	56.1	43.6	65.4	





#52

3-Nitroaniline

Concen: 26.50 ng

RT: 9.45 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

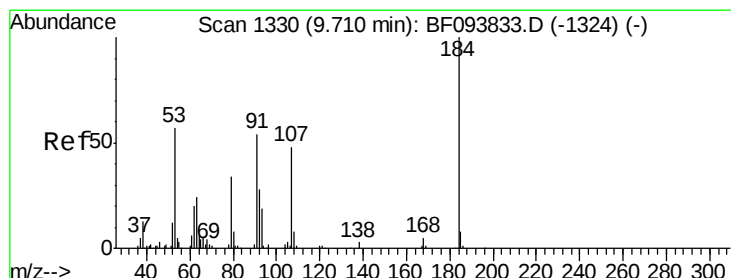
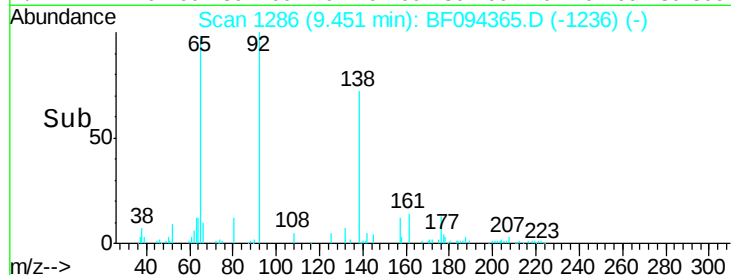
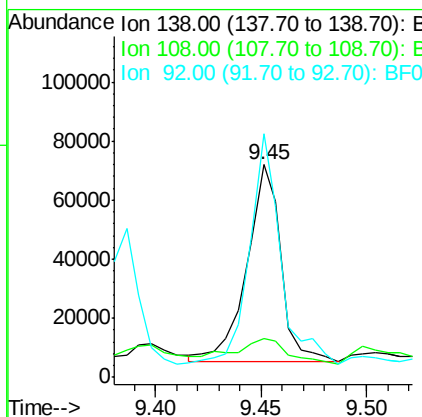
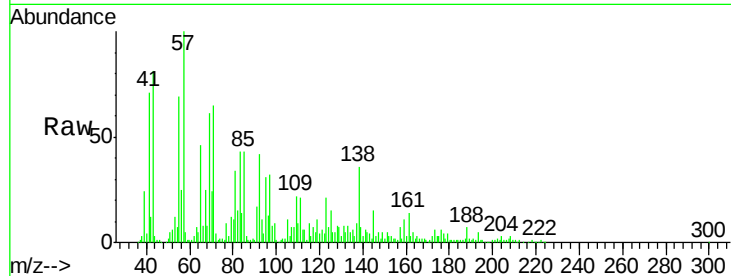
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	18.1	9.1	13.7#
92	114.5	93.8	140.6

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#53

2,4-Dinitrophenol

Concen: 10.72 ng

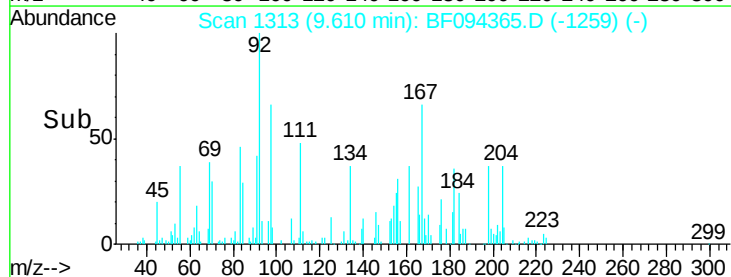
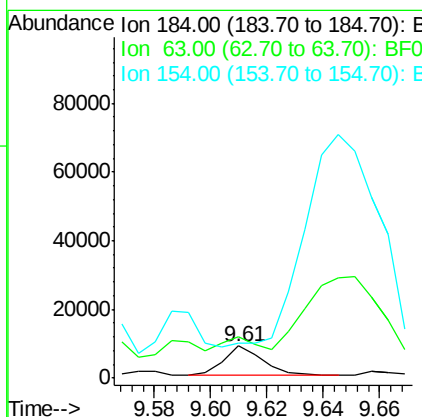
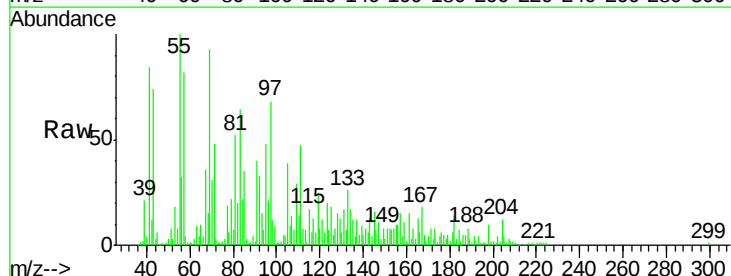
RT: 9.61 min Scan# 1313

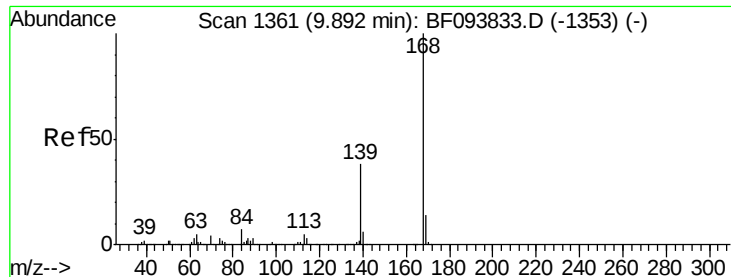
Delta R.T. 0.02 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	126.9	62.7	94.1#
154	109.9	81.1	121.7





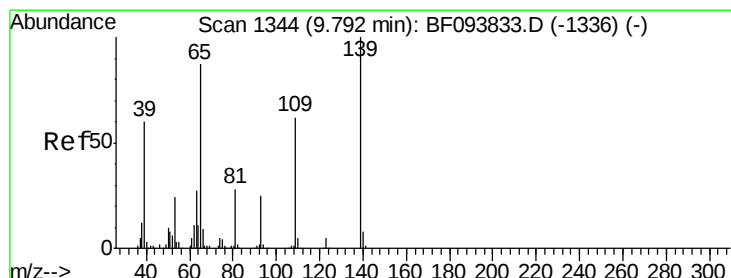
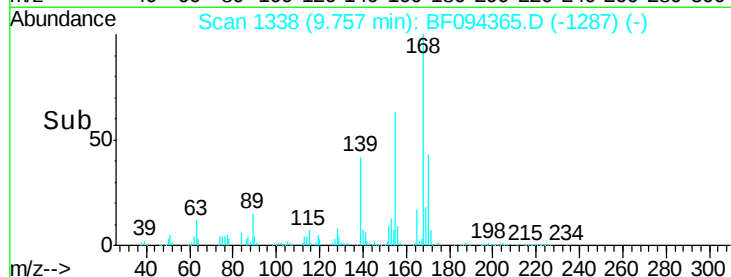
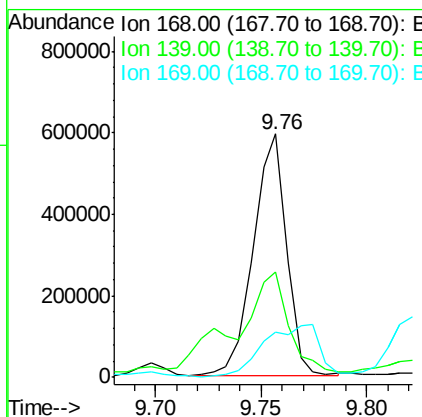
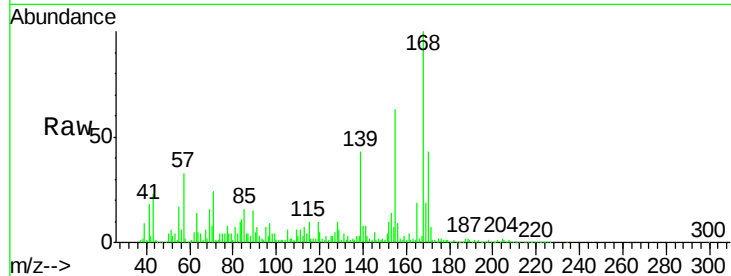
#54
Dibenzofuran
Concen: 52.26 ng
RT: 9.76 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	30.6	45.8
169	18.8	10.8	16.2

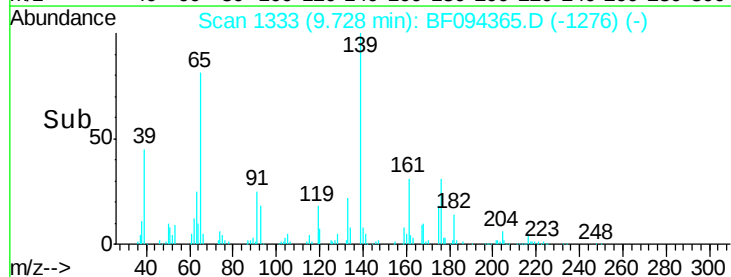
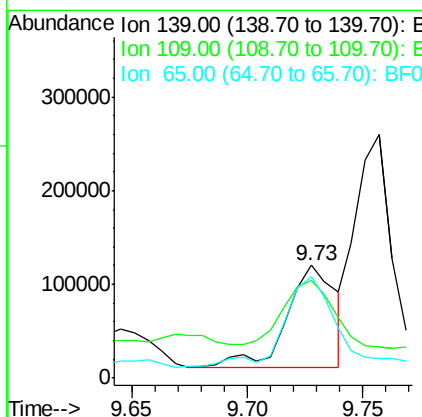
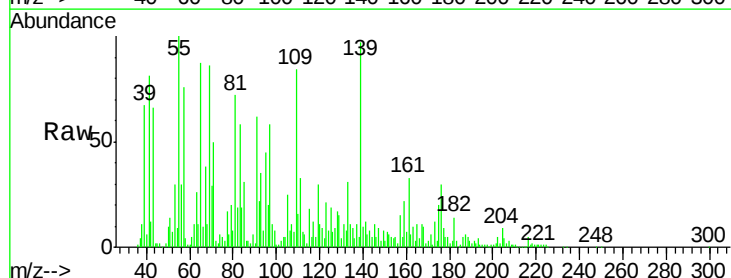
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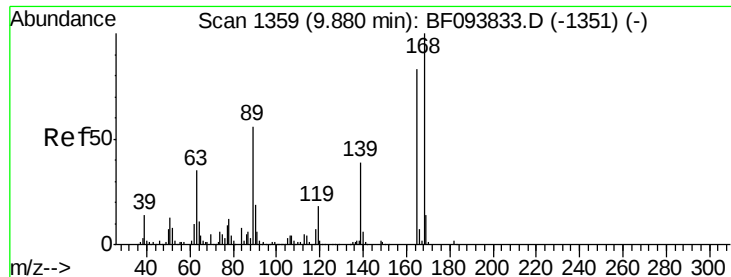
mohammad
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#55
4-Nitrophenol
Concen: 71.67 ng
RT: 9.73 min Scan# 1333
Delta R.T. 0.04 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.5	34.1	74.1
65	89.8	31.4	71.4





#56

2,4-Dinitrotoluene

Concen: 52.93 ng

RT: 9.76 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

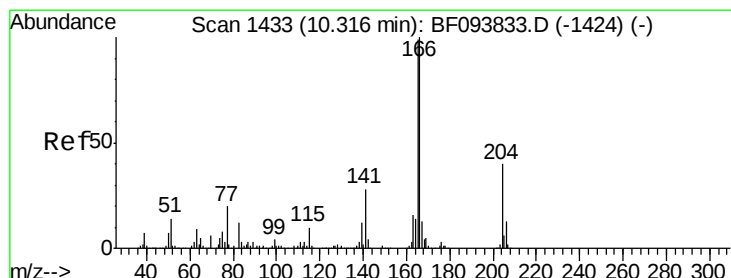
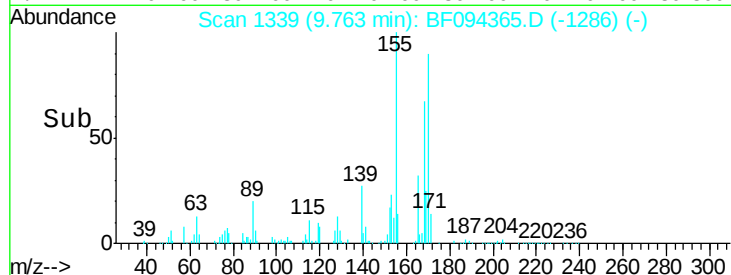
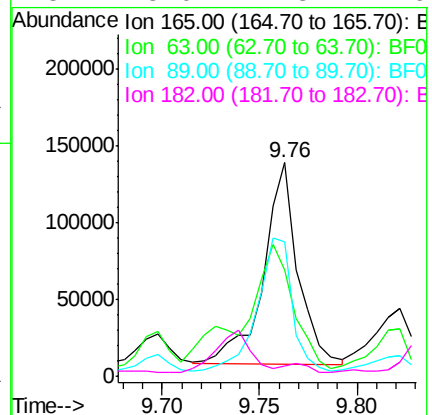
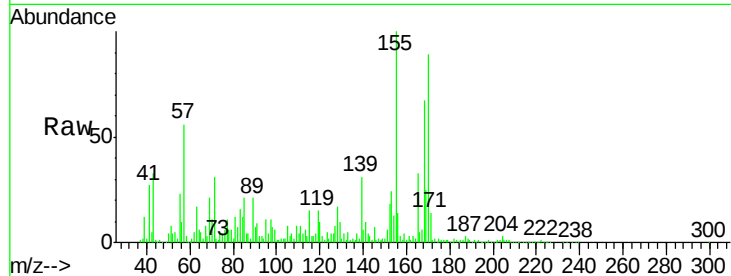
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	160975		
63	49.8	25.4	38.0#	
89	62.9	46.4	69.6	
182	5.0	1.8	2.6#	

Manual Integrations
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#57

Fluorene

Concen: 57.11 ng

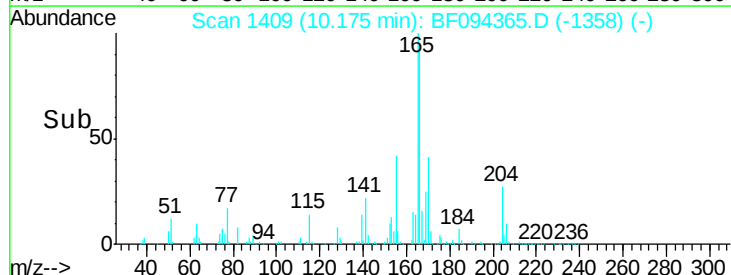
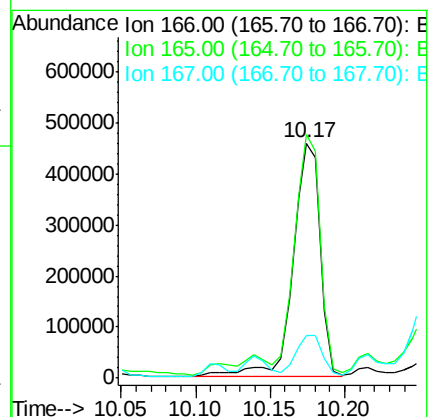
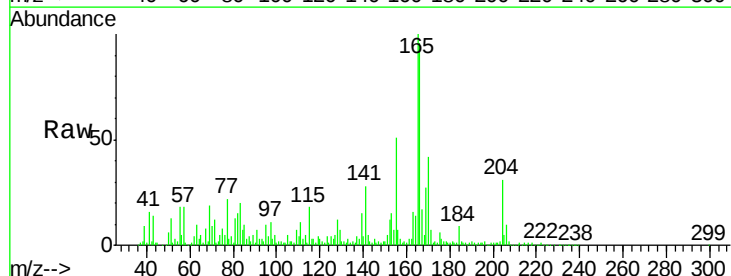
RT: 10.17 min Scan# 1409

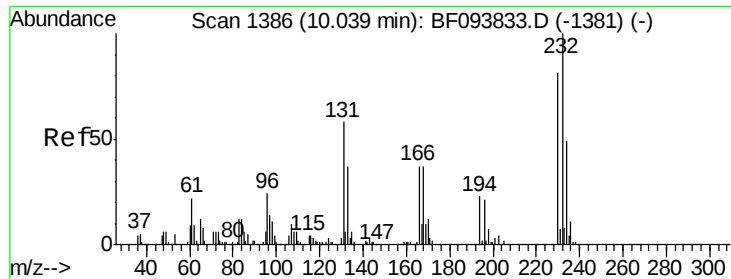
Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	586562		
165	103.7	78.8	118.2	
167	17.9	10.6	16.0#	





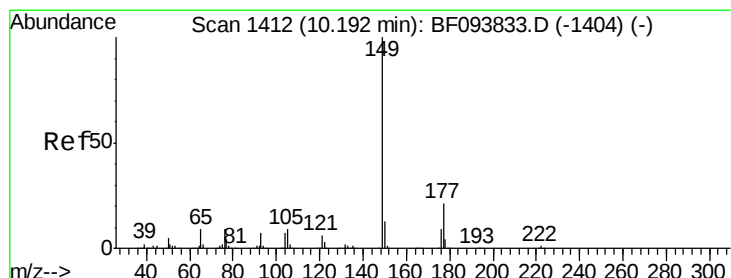
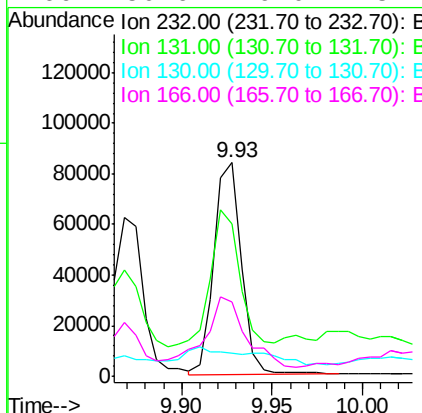
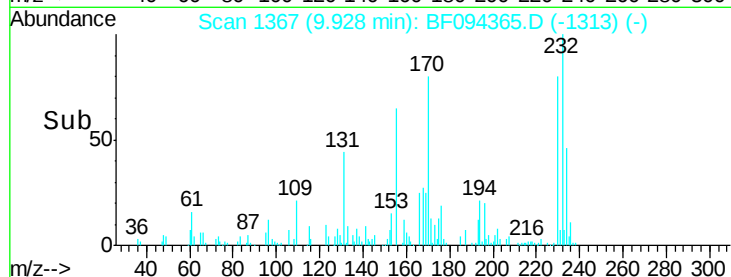
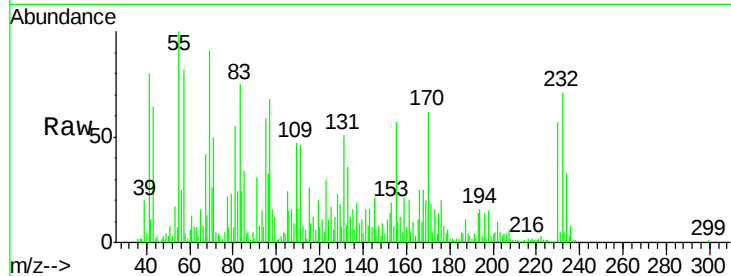
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.97 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. 0.02 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BAEMSD

Tot Ion:	232	Resp:	87478
Ion Ratio	Lower	Upper	
232	100		
131	69.7	44.8	67.2#
130	9.1	2.3	3.5#
166	50.6	29.0	43.4#

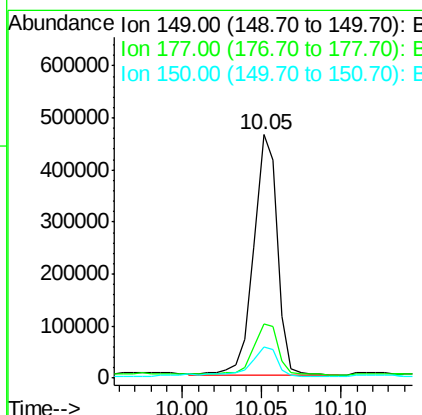
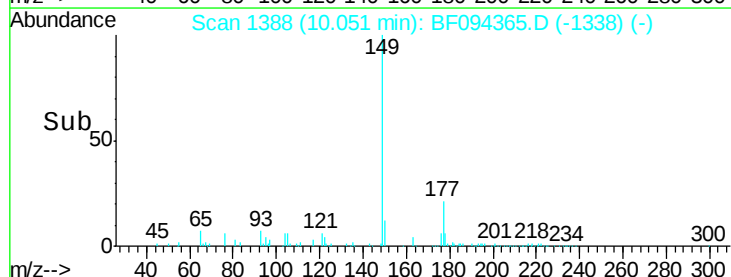
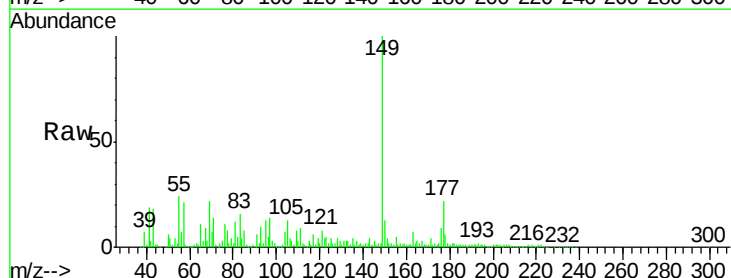
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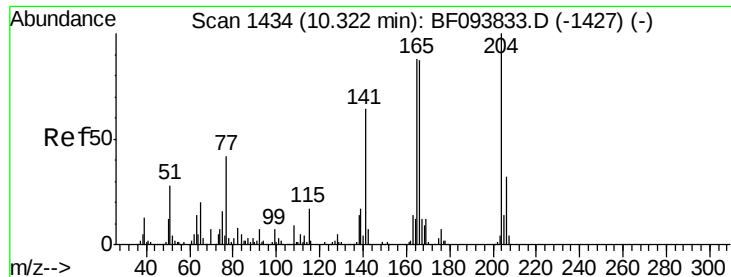
mohammad
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#59
 Diethylphthalate
 Concen: 46.27 ng
 RT: 10.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Tgt Ion:	149	Resp:	482977
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.7	25.1
150	12.8	10.2	15.2





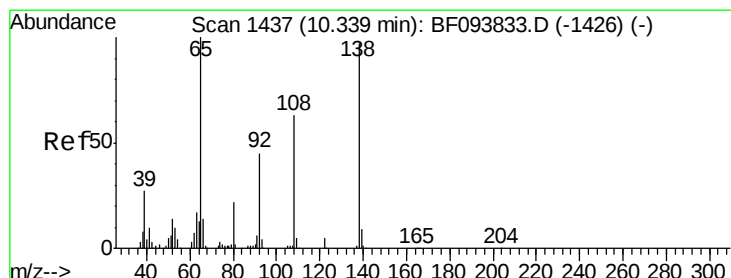
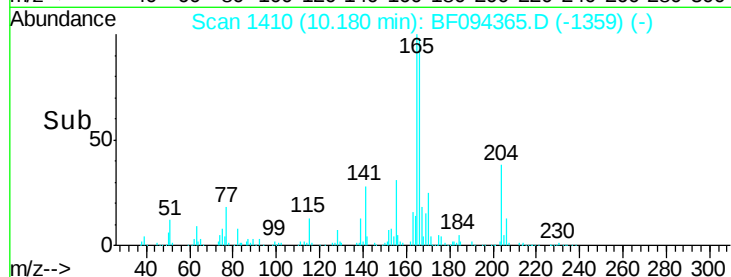
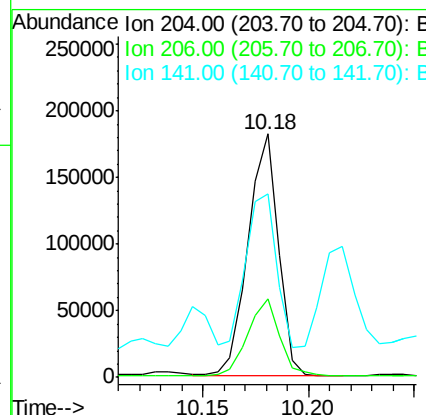
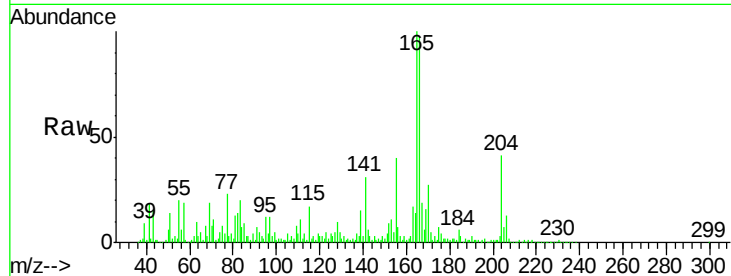
#60
4-Chlorophenyl-phenylether
Concen: 41.25 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	75.2	60.8	91.2

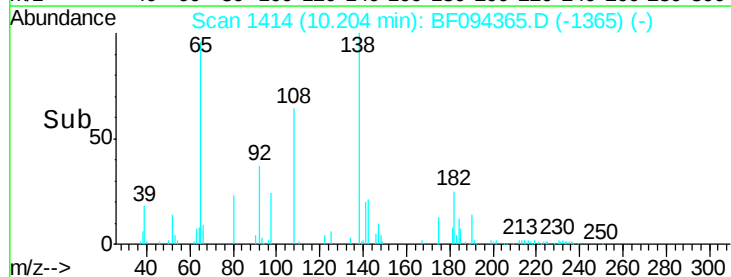
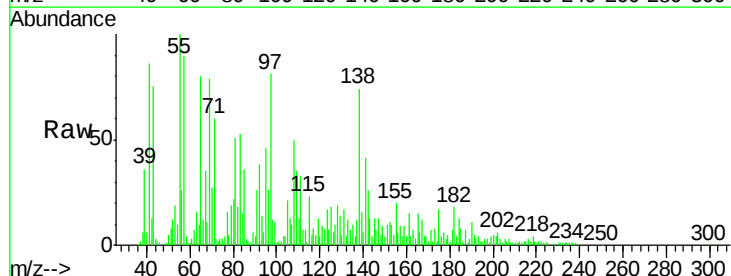
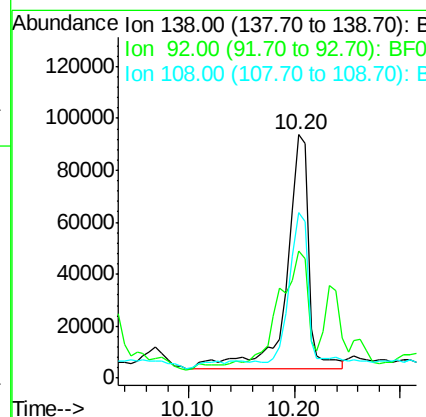
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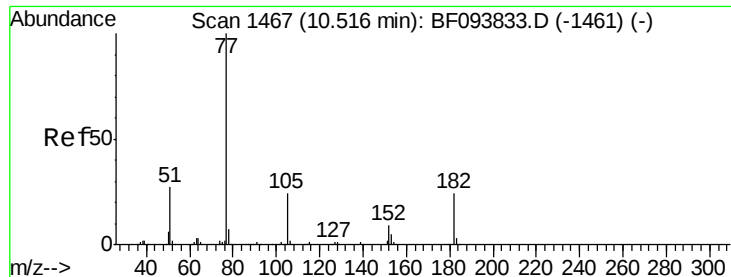
mohammad
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#61
4-Nitroaniline
Concen: 47.64 ng
RT: 10.20 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	21.8	61.8
108	67.9	42.3	82.3





#62

Azobenzene

Concen: 40.61 ng

RT: 10.37 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

ClientSampleId :

E2-AA8-BAEMSD

Tot Ion: 77 Resp: 400982

Ion Ratio Lower Upper

77 100

182 51.7 0.1 40.1#

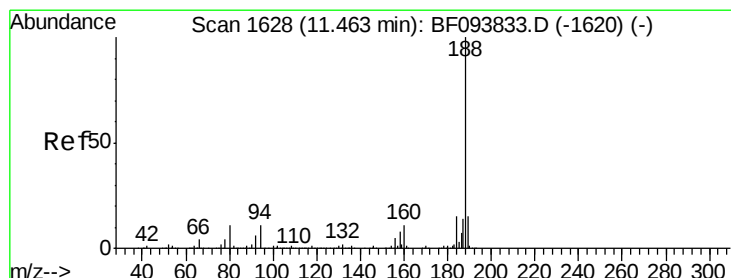
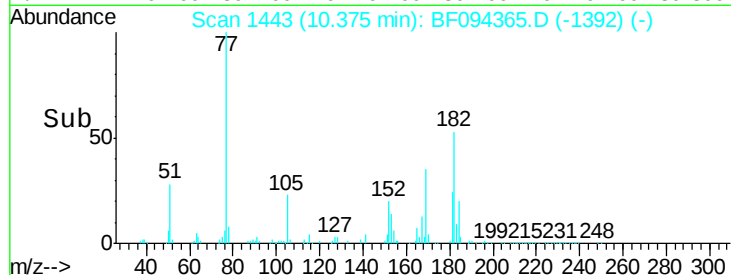
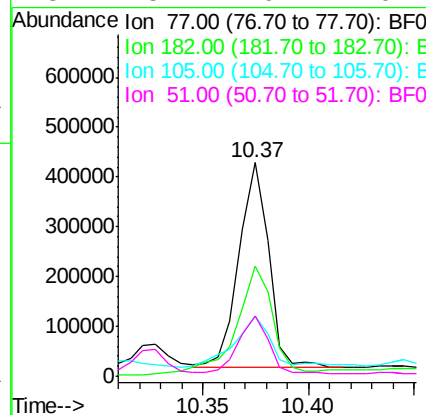
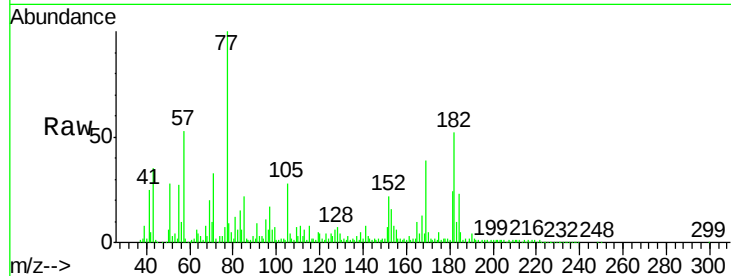
105 28.0 3.6 43.6

51 28.2 9.4 49.4

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

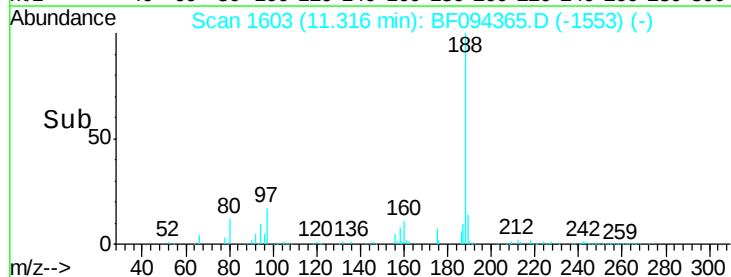
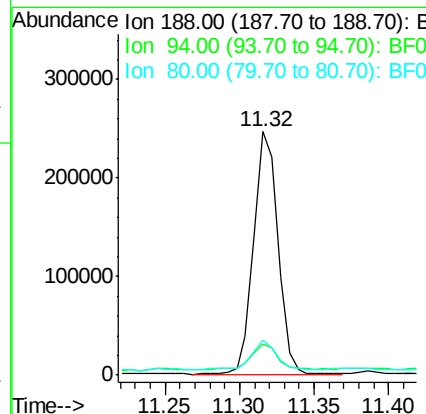
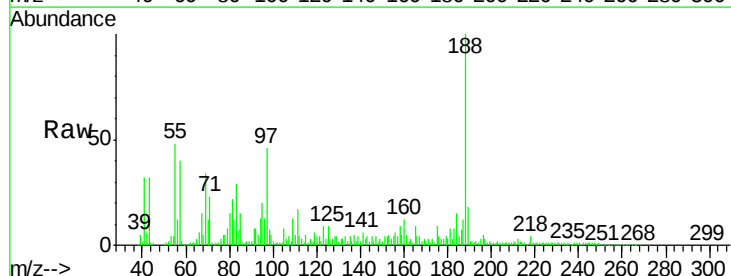
Tgt Ion: 188 Resp: 276782

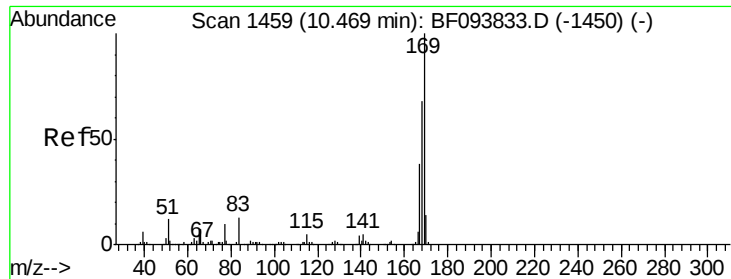
Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

80 14.6 10.2 15.2





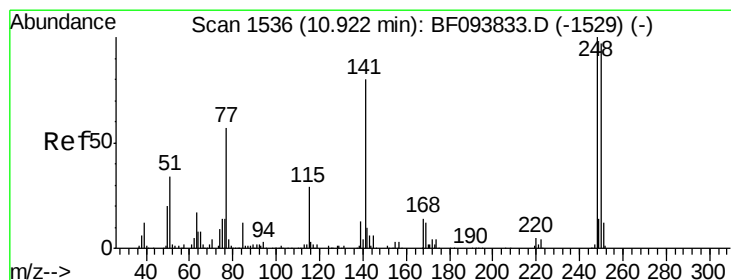
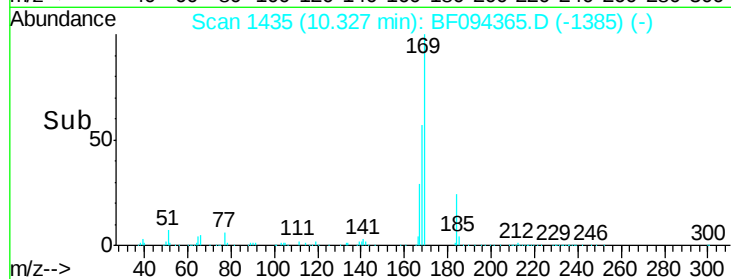
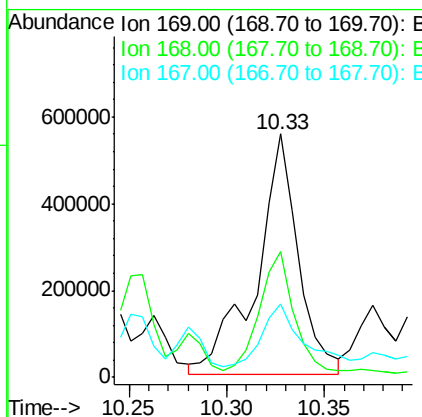
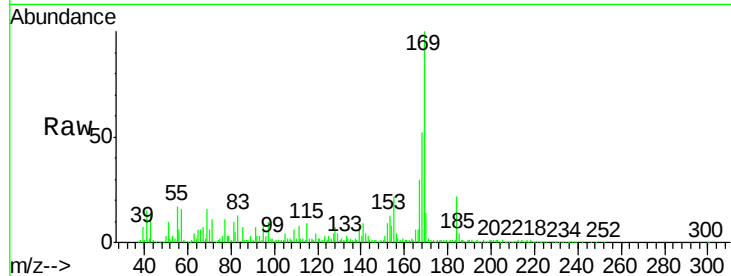
#65
n-Nitrosodiphenylamine
Concen: 86.65 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	829437		
168	51.9	53.2	79.8#	
167	29.9	29.5	44.3	

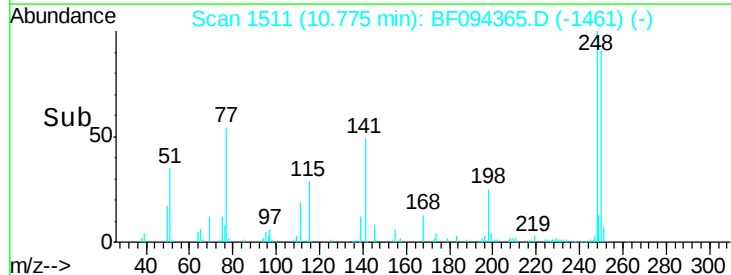
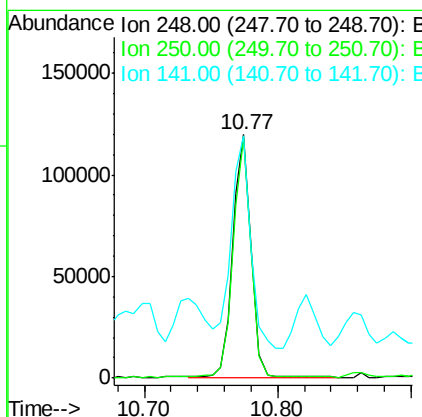
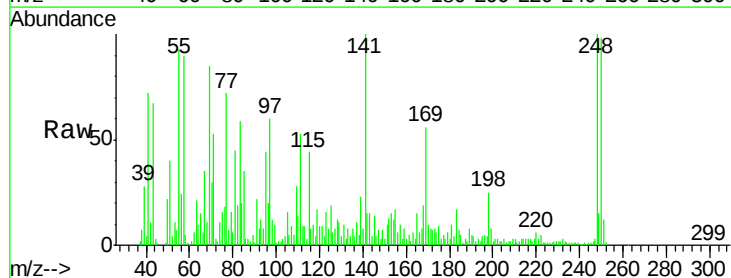
Manual Integrations
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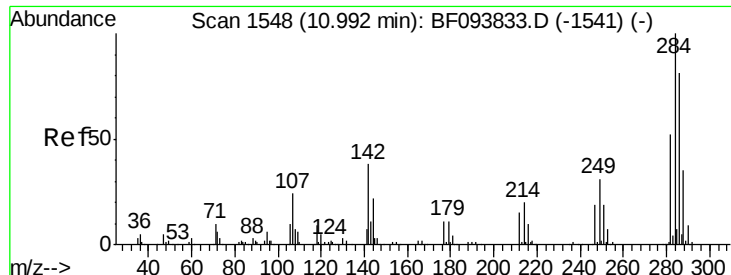
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 42.98 ng
RT: 10.77 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	116989		
250	98.3	76.8	115.2	
141	99.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 40.18 ng

RT: 10.86 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

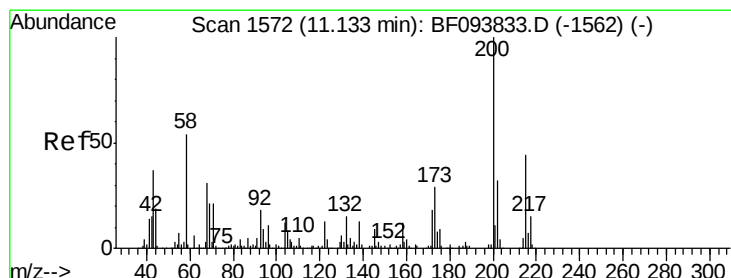
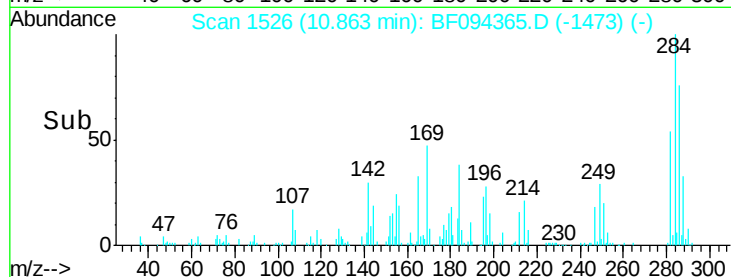
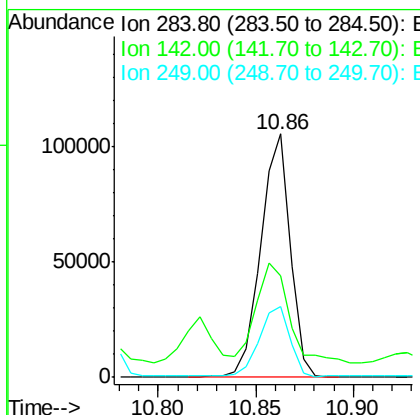
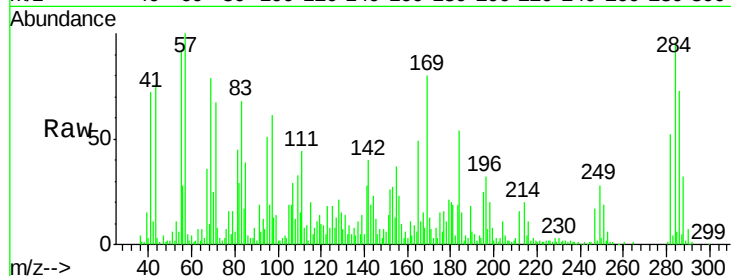
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion:	284	Resp:	110721
Ion Ratio	Lower	Upper	
284	100		
142	41.8	22.8	34.2#
249	29.2	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 36.82 ng

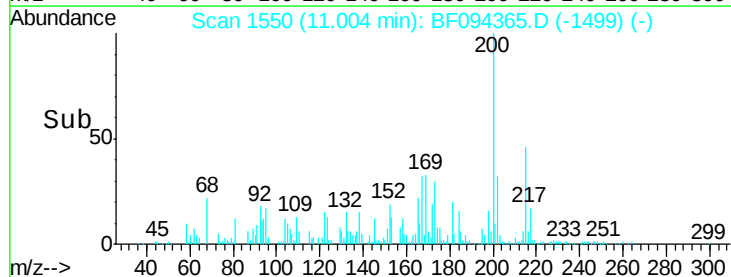
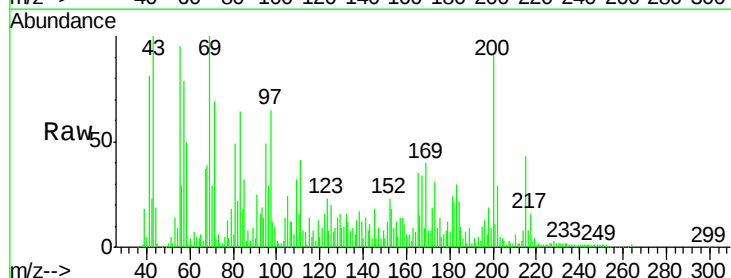
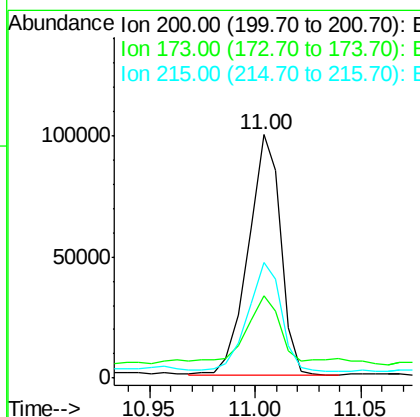
RT: 11.00 min Scan# 1550

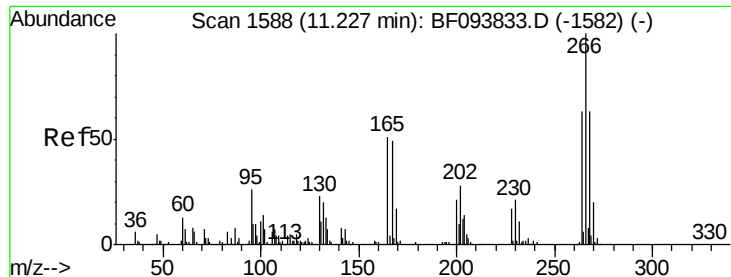
Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion:	200	Resp:	105559
Ion Ratio	Lower	Upper	
200	100		
173	33.8	6.3	46.3
215	47.3	27.2	67.2





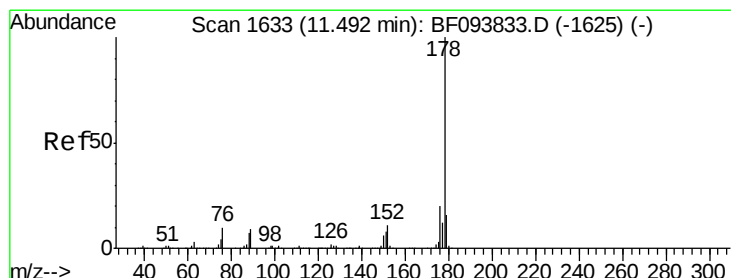
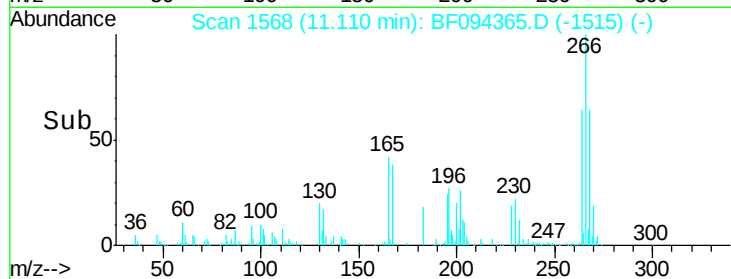
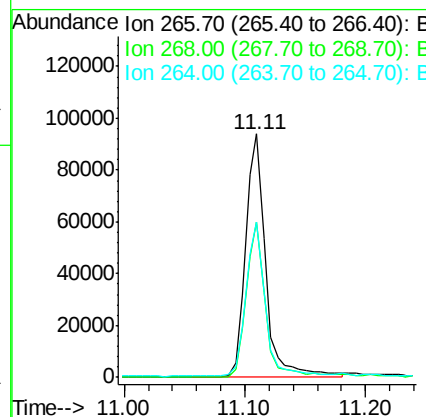
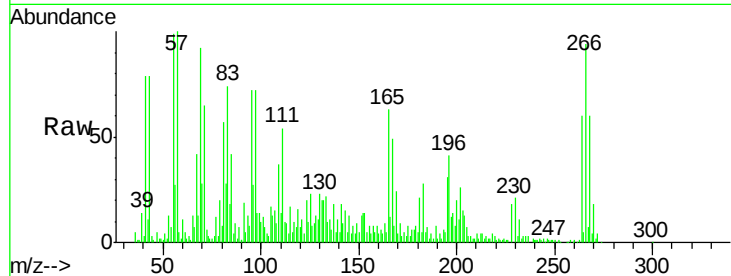
#69
 Pentachlorophenol
 Concen: 64.09 ng
 RT: 11.11 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.6	51.7	77.5

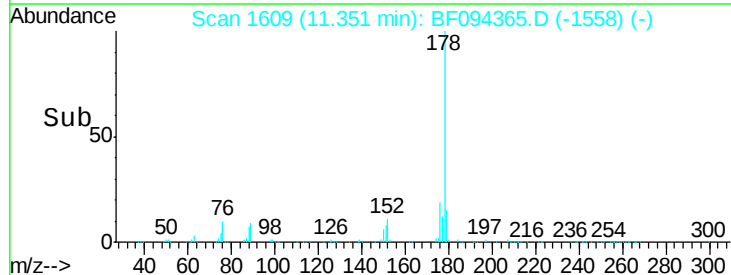
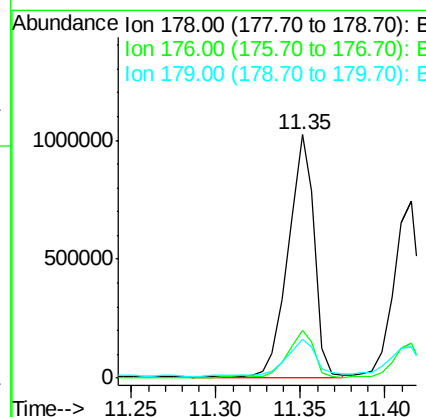
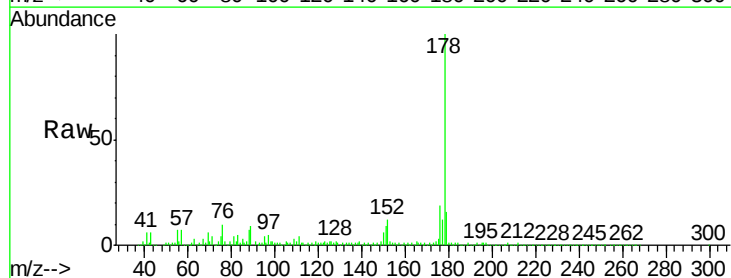
Manual Integrations
 APPROVED

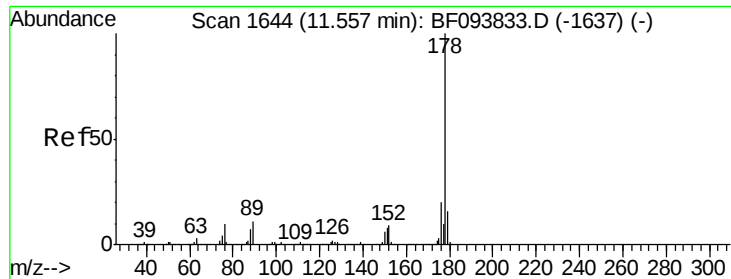
mohammad
 4/12/2017 5:11:59 PM



#70
 Phenanthrene
 Concen: 70.96 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	16.2	12.6	19.0





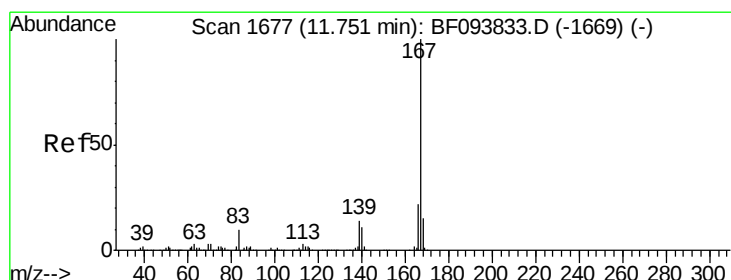
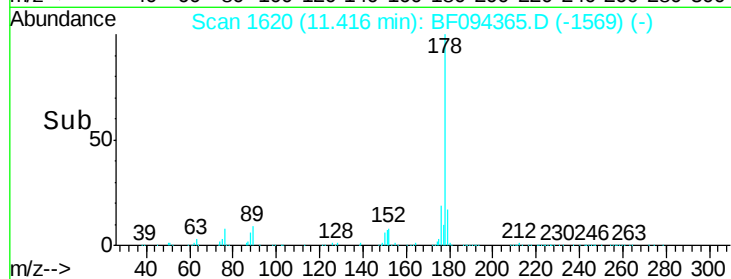
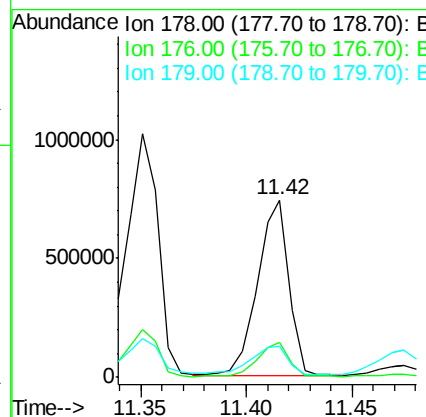
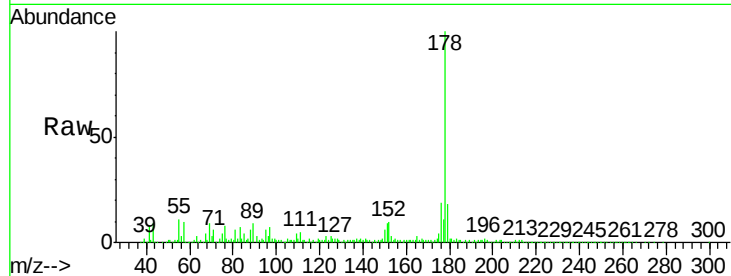
#71
 Anthracene
 Concen: 47.86 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA8-BAEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		758793		
176	19.4	15.8		23.8	
179	17.9	12.7		19.1	

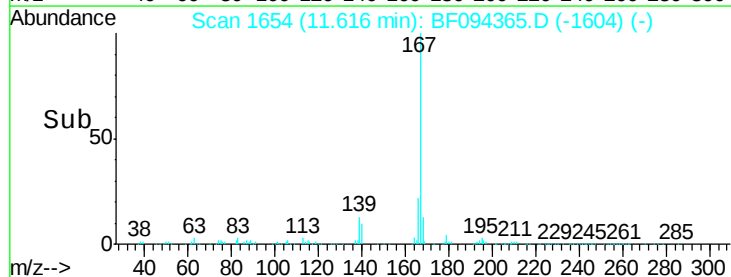
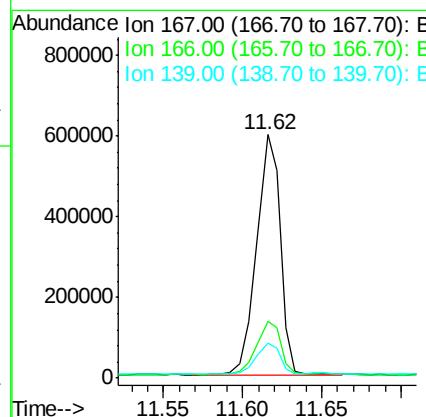
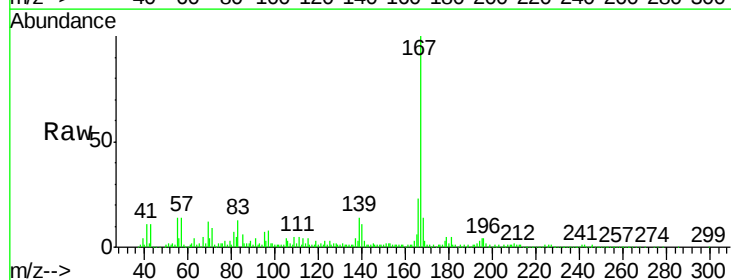
Manual Integrations
 APPROVED

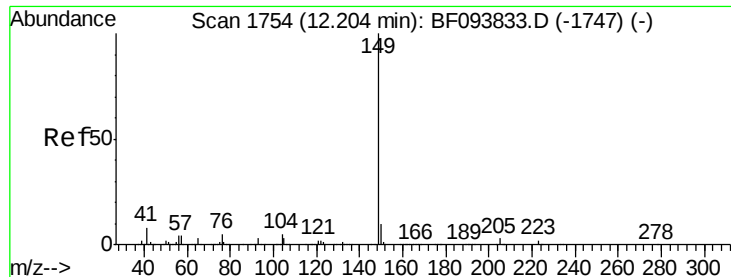
mohammad
 4/12/2017 5:11:59 PM



#72
 Carbazole
 Concen: 38.41 ng
 RT: 11.62 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF094365.D
 Acq: 11 Apr 2017 22:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		624418		
166	23.4	18.1		27.1	
139	14.4	11.7		17.5	





#73

Di-n-butylphthalate

Concen: 39.33 ng

RT: 12.06 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

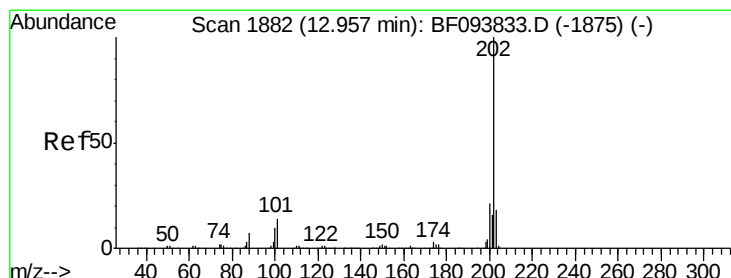
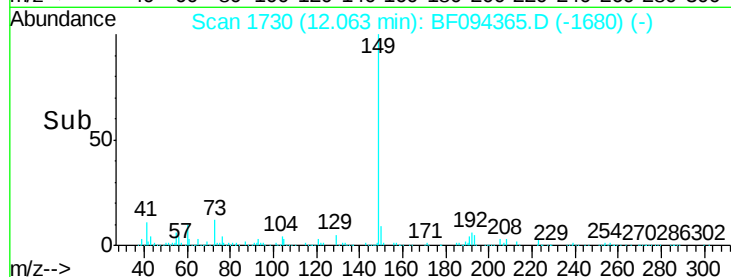
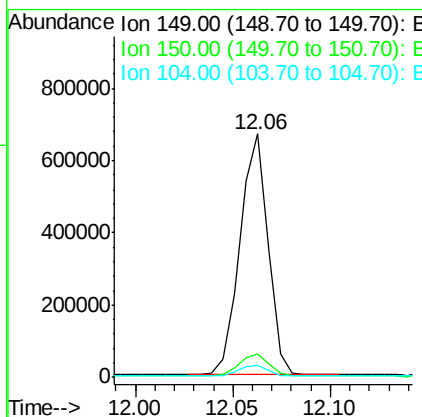
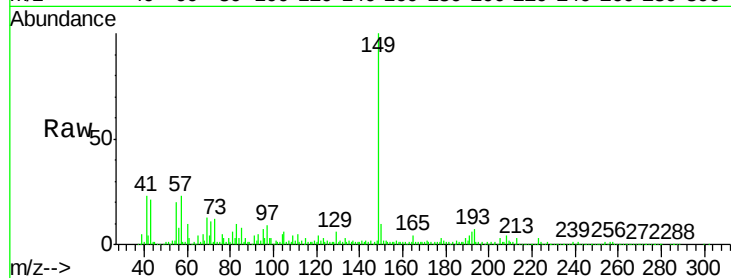
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion:	149	Resp:	664987
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.7	11.5
104	4.8	4.0	6.0

Manual Integrations
APPROVED

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#74

Fluoranthene

Concen: 45.04 ng

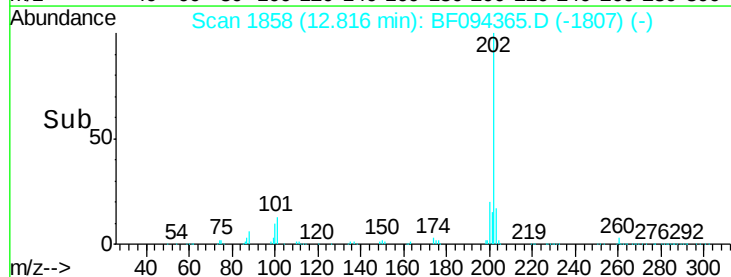
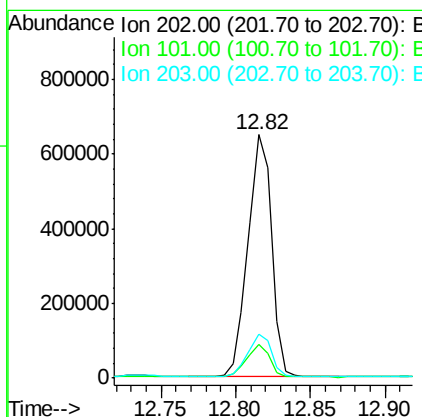
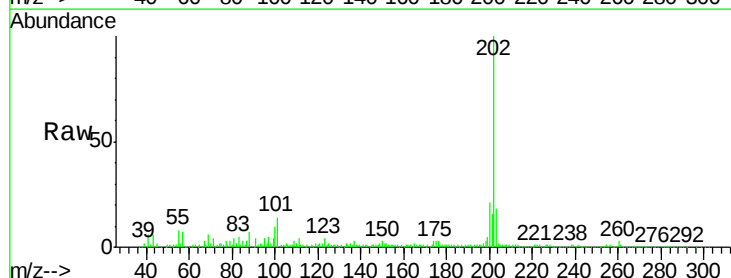
RT: 12.82 min Scan# 1858

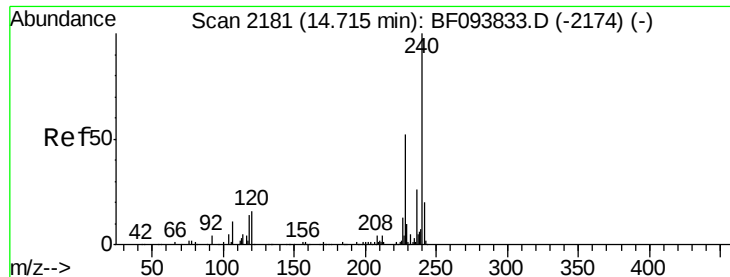
Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion:	202	Resp:	710081
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.2
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.58 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

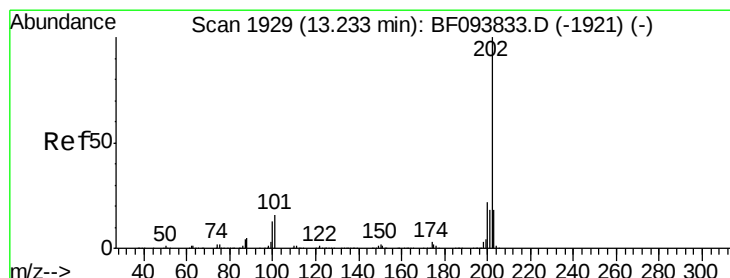
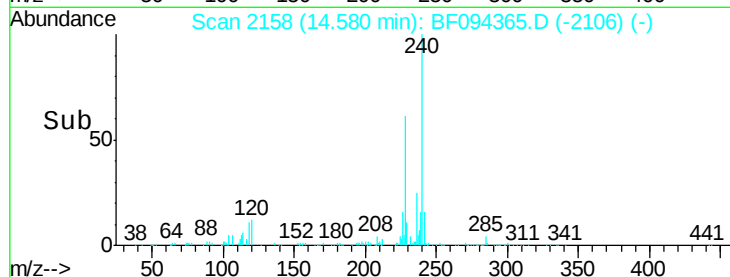
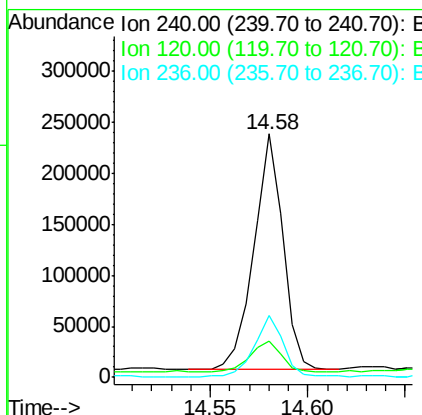
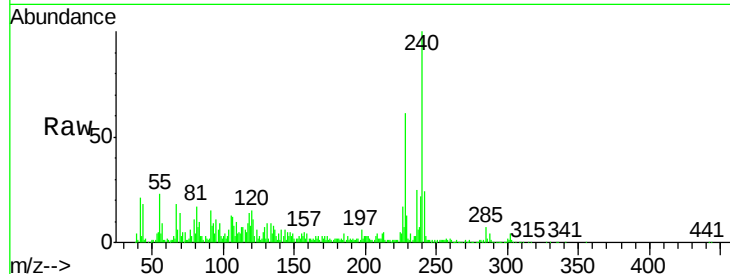
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion:	240	Resp:	239583
Ion Ratio	Lower	Upper	
240	100		
120	14.9	5.8	8.8#
236	25.4	20.5	30.7

Manual Integrations
APPROVED

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#77

Pyrene

Concen: 39.89 ng

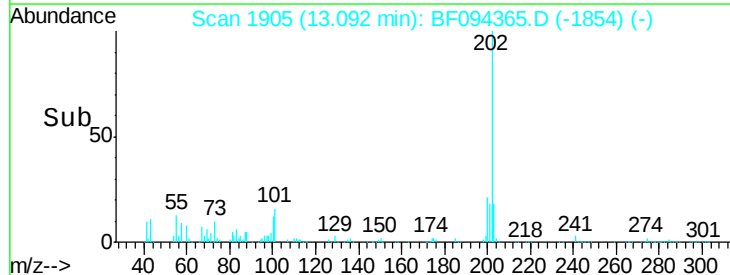
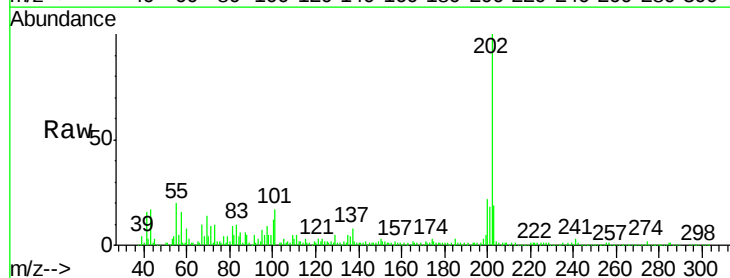
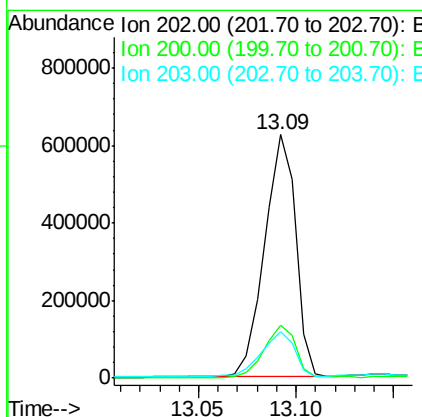
RT: 13.09 min Scan# 1905

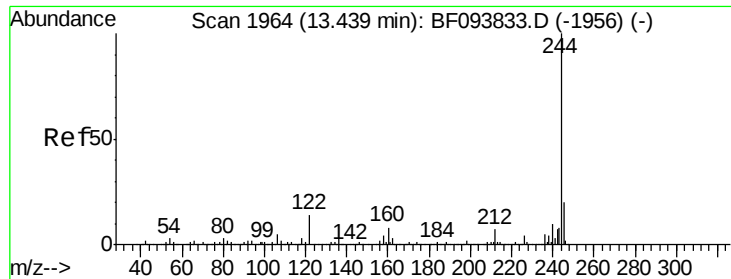
Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Tgt Ion:	202	Resp:	693505
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	18.9	14.4	21.6





#78

Terphenyl-d14

Concen: 71.14 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

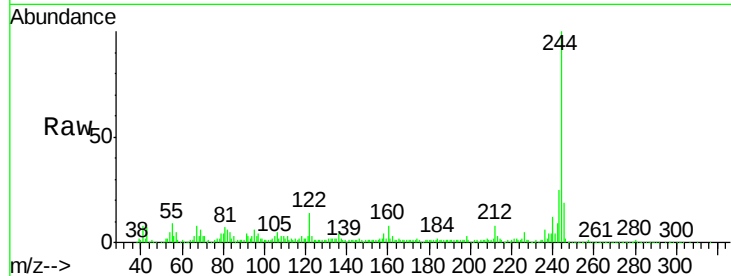
ClientSampleId :

E2-AA8-BASEMSD

Tot Ion:	244	Resp:	760356
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	13.9	10.3	15.5

Manual Integrations
APPROVED

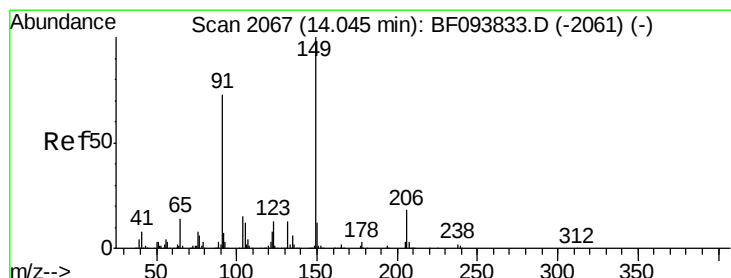
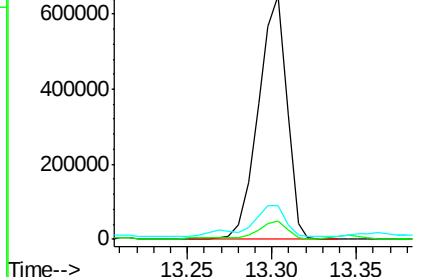
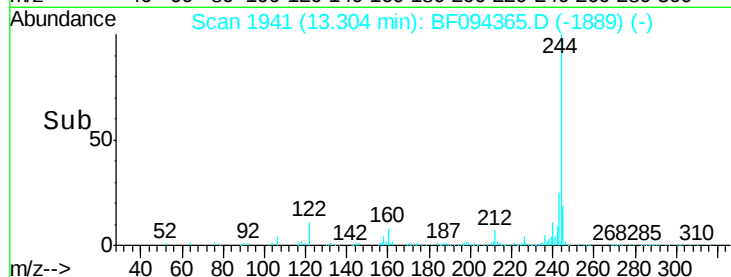
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 40.48 ng

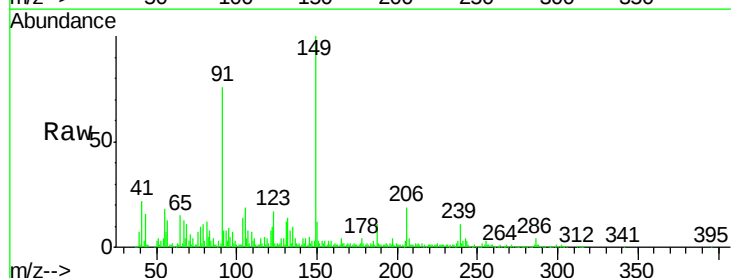
RT: 13.91 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

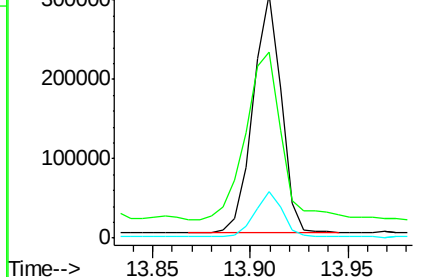
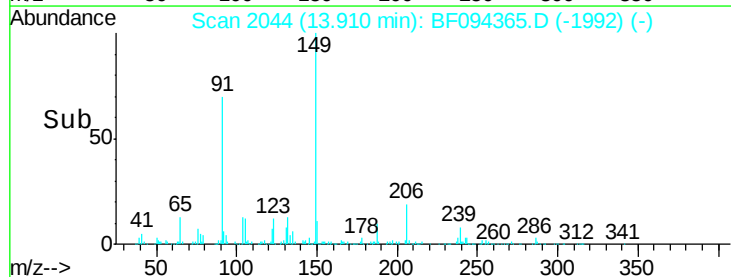
Tgt Ion:	149	Resp:	299913
Ion Ratio	Lower	Upper	
149	100		
91	76.3	45.0	67.4#
206	19.0	17.0	25.6

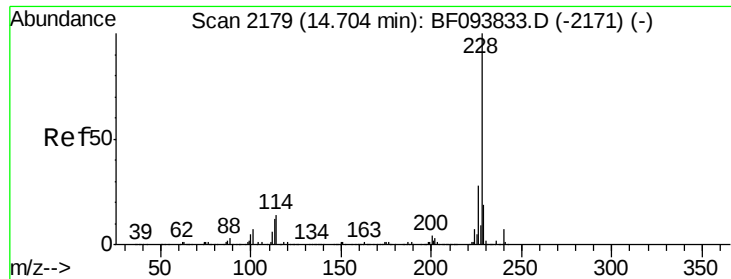


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





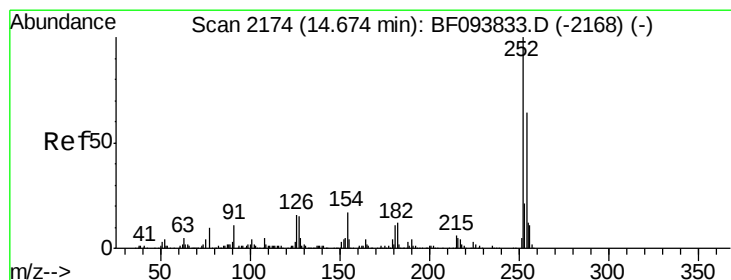
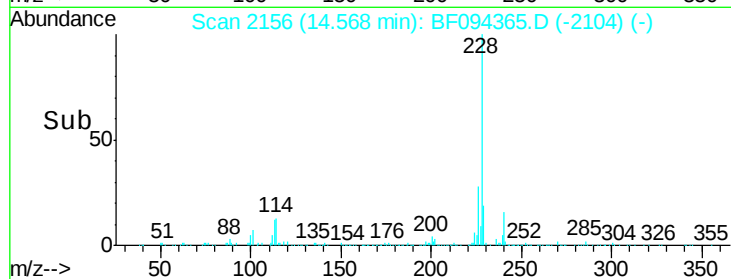
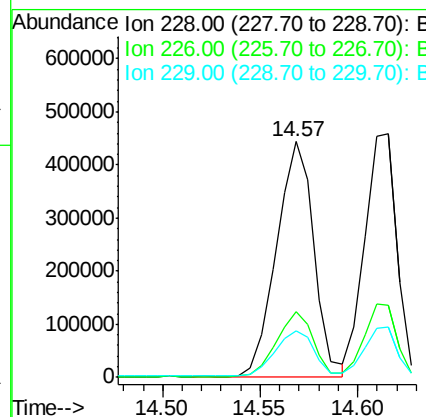
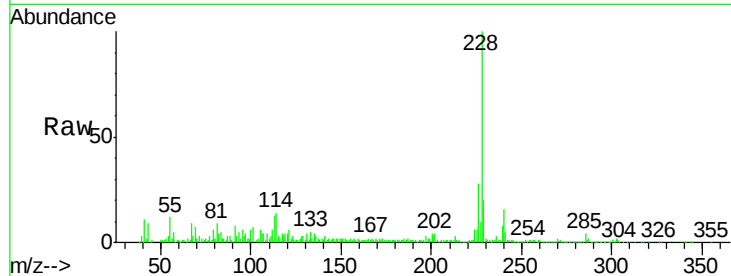
#80
Benzo(a)anthracene
Concen: 41.79 ng
RT: 14.57 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	16.3	24.5

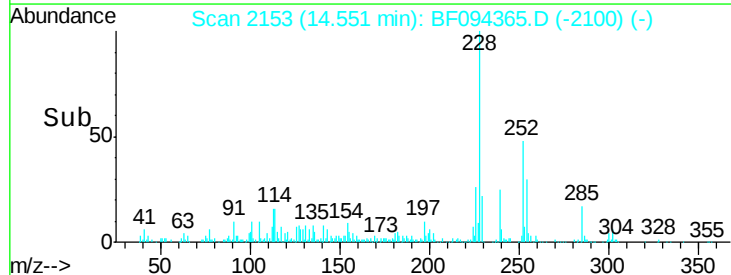
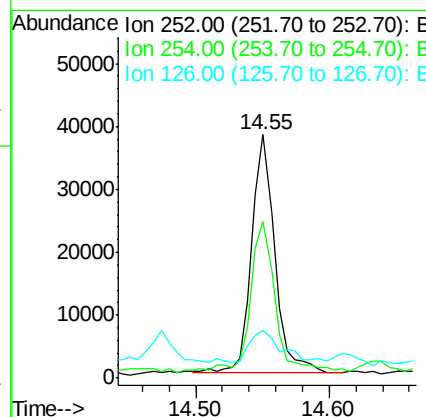
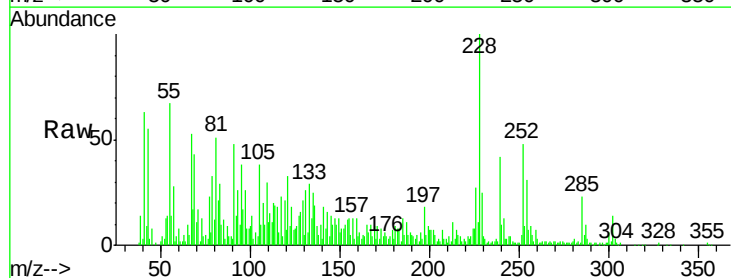
Manual Integrations
APPROVED

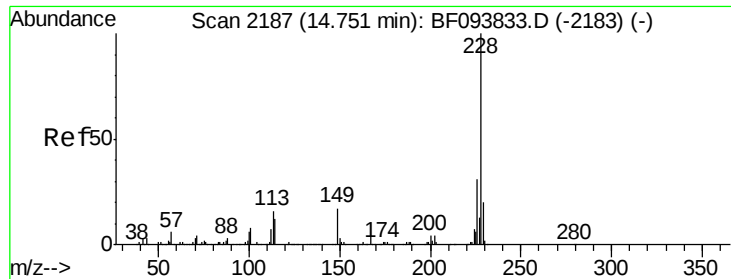
mohammad
4/12/2017 5:11:59 PM



#81
3,3'-Dichlorobenzidine
Concen: 8.91 ng
RT: 14.55 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	19.6	15.8	23.8





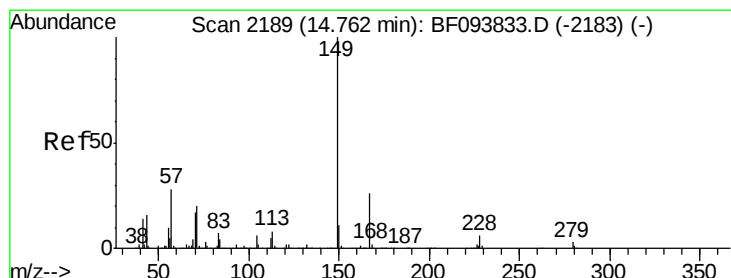
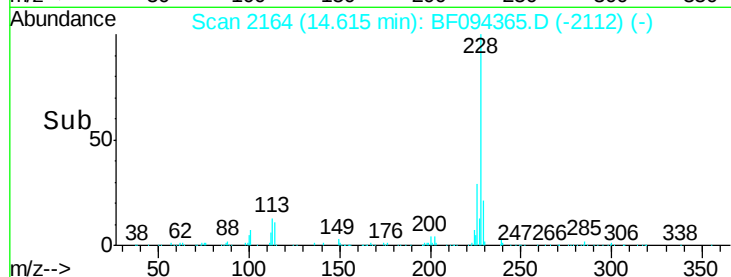
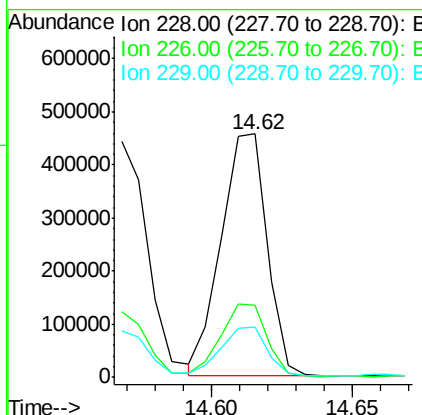
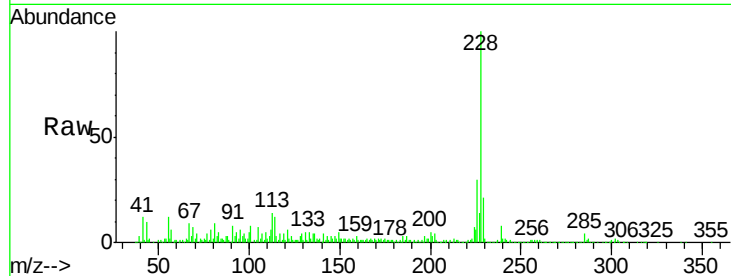
#82
Chrysene
Concen: 39.77 ng
RT: 14.62 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.9	15.8	23.6

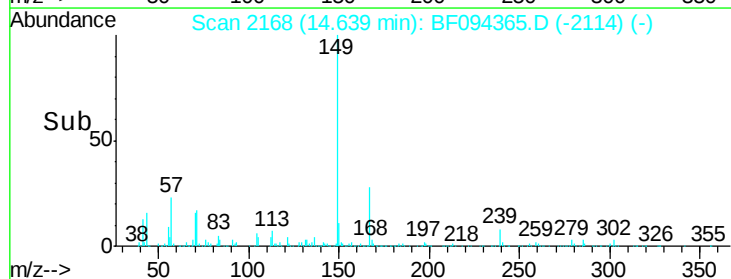
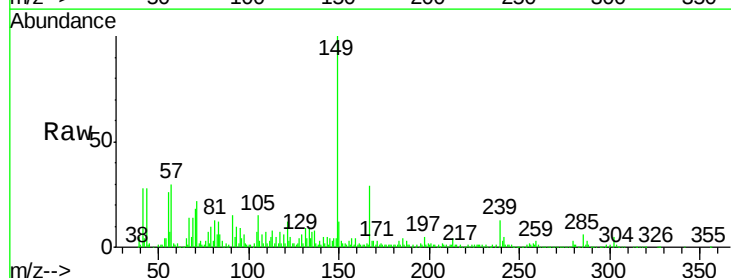
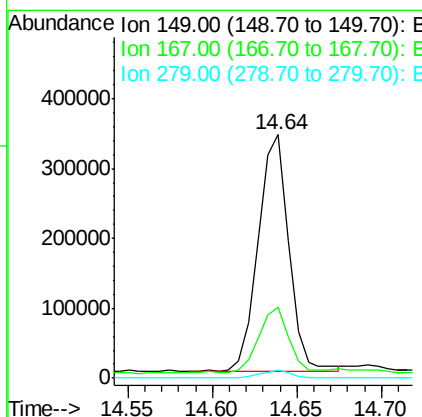
Manual Integrations
APPROVED

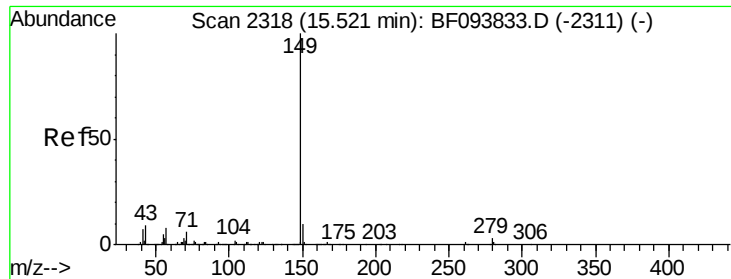
mohammad
4/12/2017 5:11:59 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 42.46 ng
RT: 14.64 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.0	31.4
279	3.3	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 43.77 ng

RT: 15.37 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

Instrument :

BNA_F

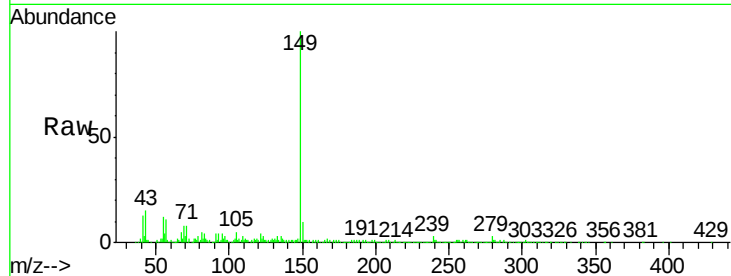
ClientSampleId :

E2-AA8-BAEMSD

Tot Ion:	149	Resp:	739080
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.3	8.5	12.7

Manual Integrations
APPROVED

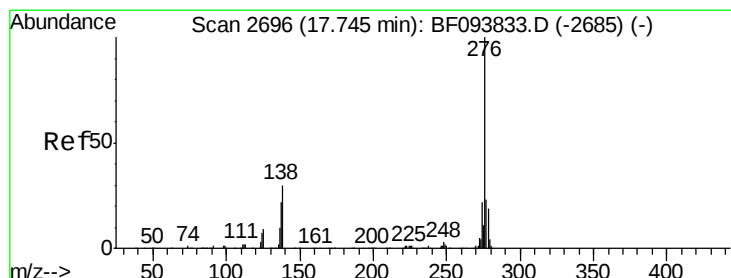
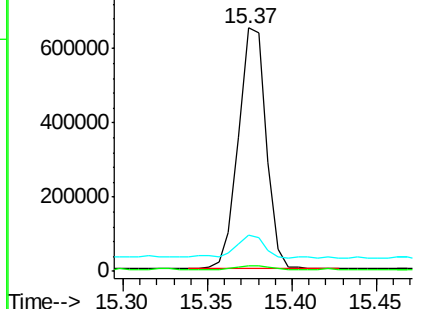
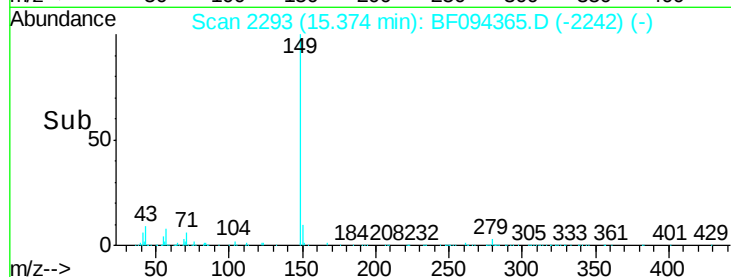
mohammad
4/12/2017 5:11:59 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.73 ng

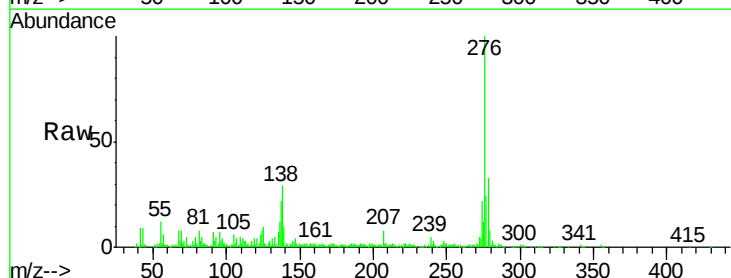
RT: 17.52 min Scan# 2658

Delta R.T. -0.00 min

Lab File: BF094365.D

Acq: 11 Apr 2017 22:09

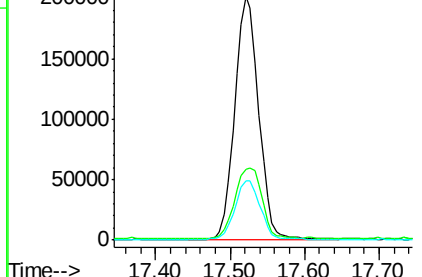
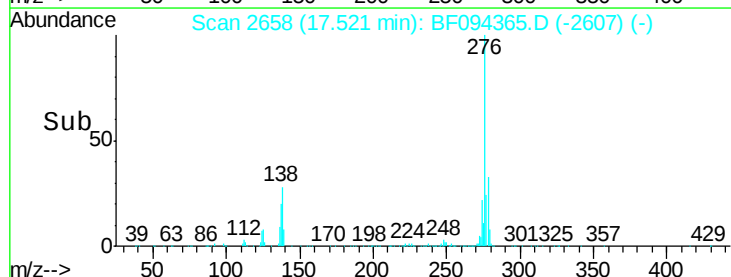
Tgt Ion:	276	Resp:	446127
Ion Ratio	Lower	Upper	
276	100		
138	32.7	27.8	41.6
277	25.7	20.2	30.4

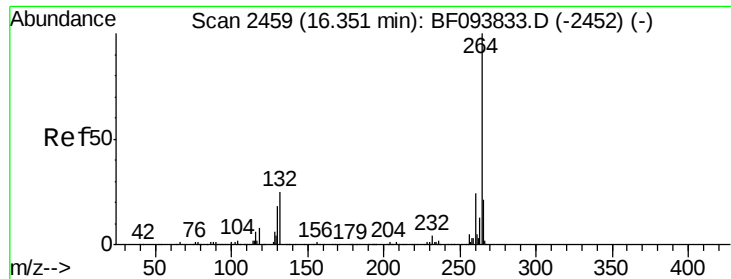


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





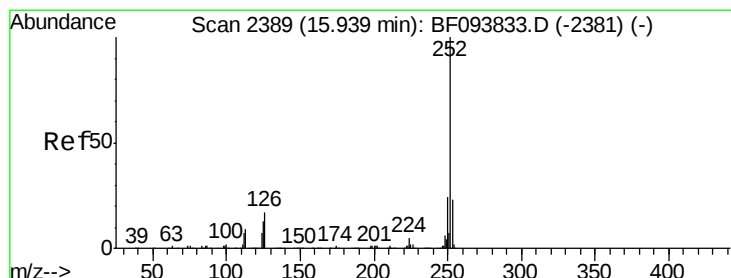
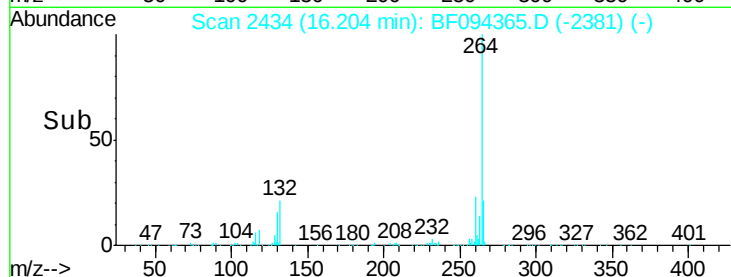
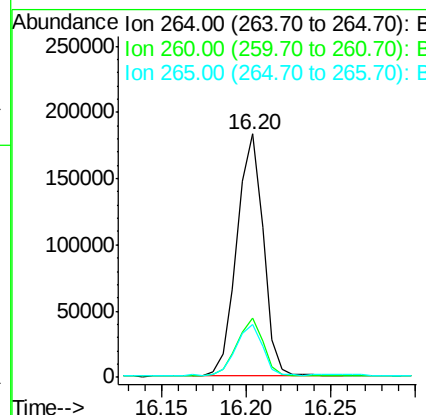
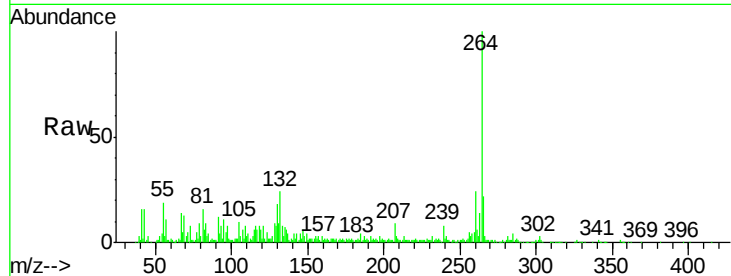
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BASEMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	17.2	25.8

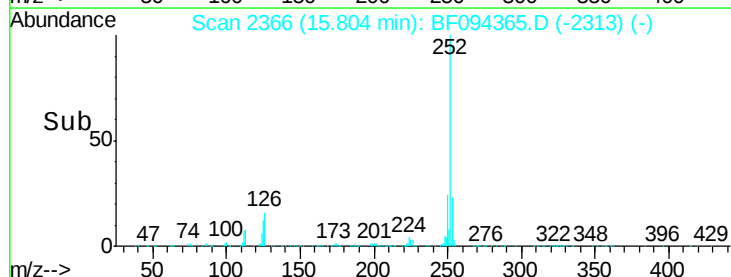
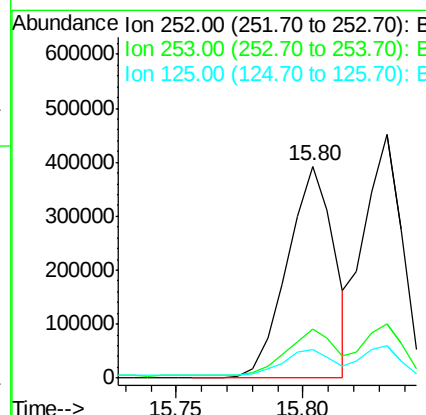
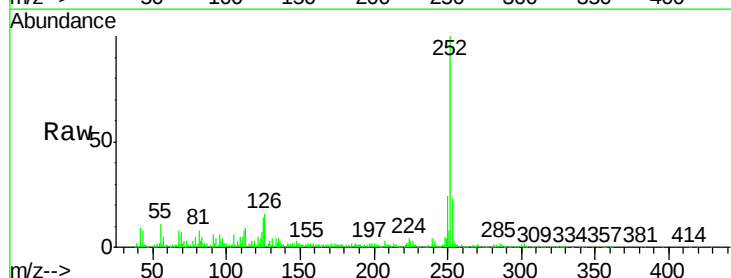
Manual Integrations
APPROVED

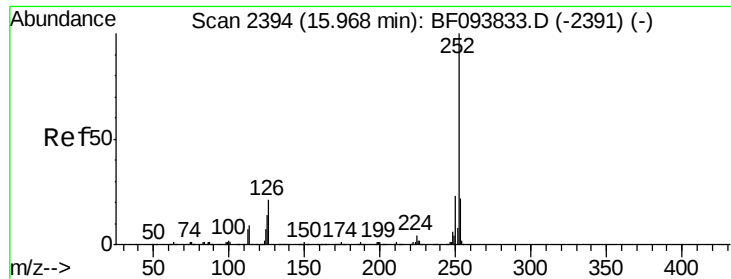
mohammad
4/12/2017 5:11:59 PM



#87
Benzo(b)fluoranthene
Concen: 41.31 ng
RT: 15.80 min Scan# 2366
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	13.5	9.8	14.8





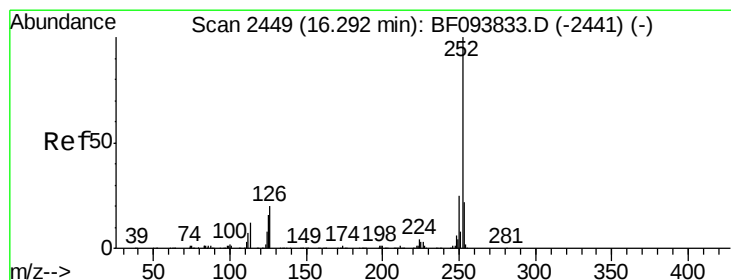
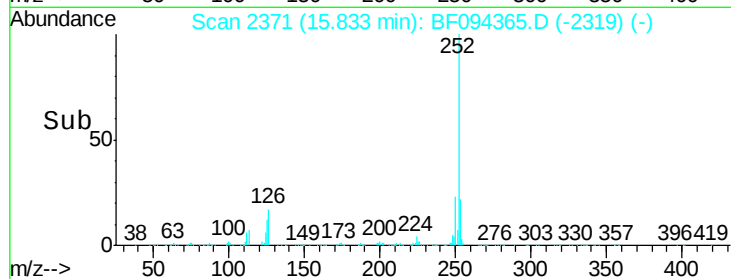
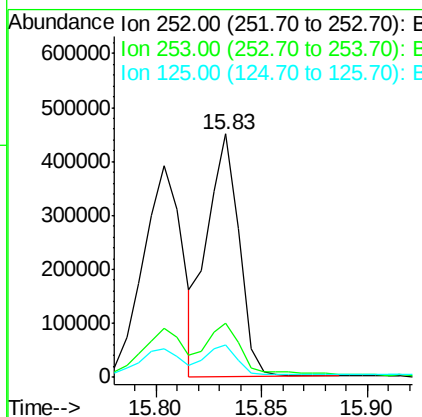
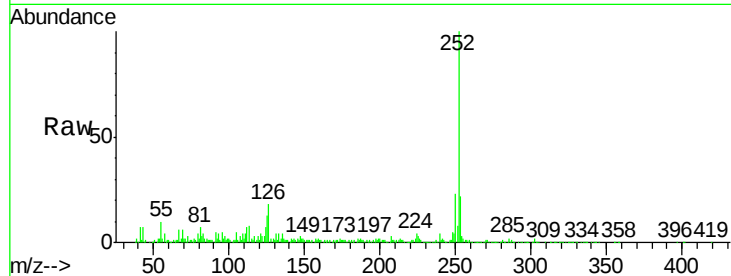
#88
Benzo(k)fluoranthene
Concen: 39.39 ng
RT: 15.83 min Scan# 2371
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BAEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.3	13.1	19.7

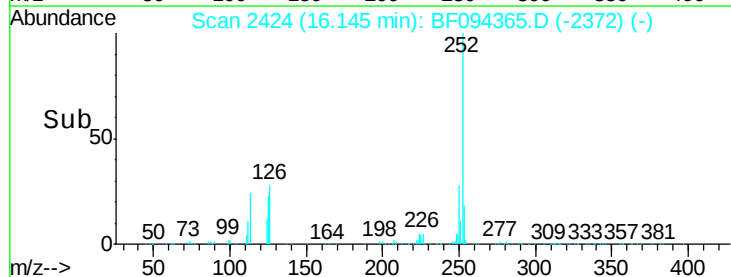
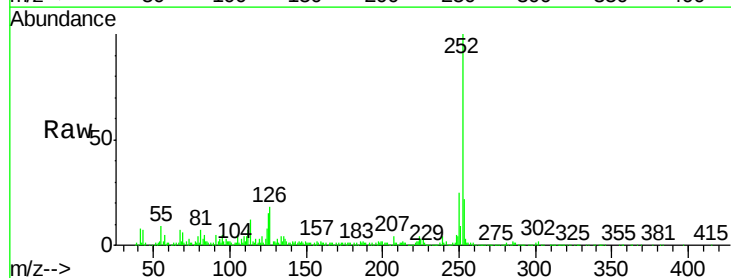
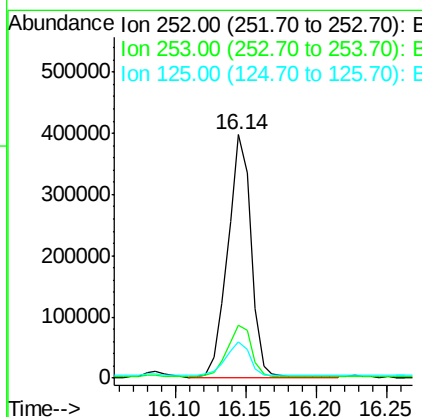
Manual Integrations
APPROVED

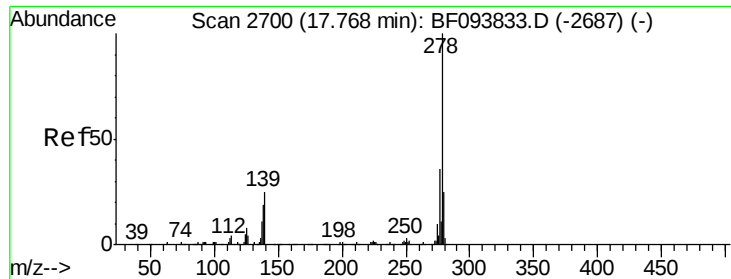
mohammad
4/12/2017 5:11:59 PM



#89
Benzo(a)pyrene
Concen: 40.60 ng
RT: 16.14 min Scan# 2424
Delta R.T. 0.01 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

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





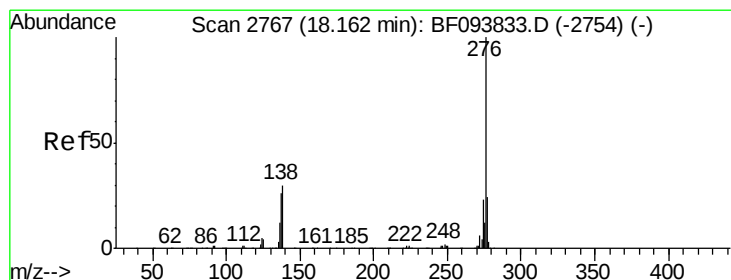
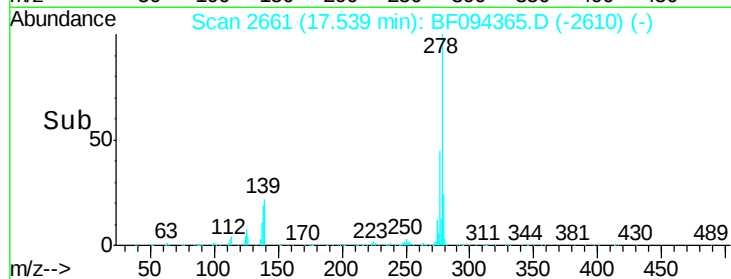
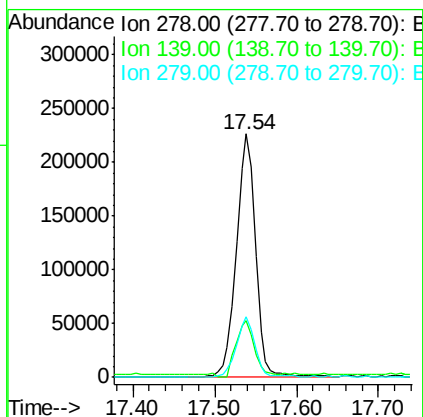
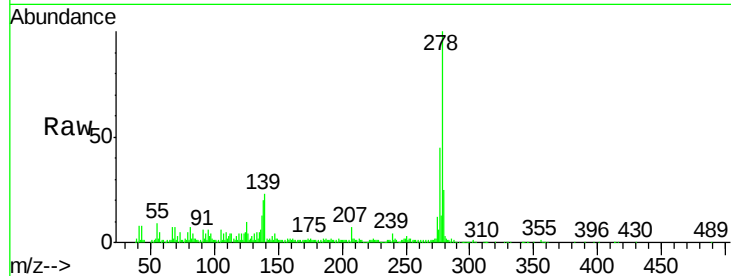
#90
Dibenzo(a,h)anthracene
Concen: 38.88 ng
RT: 17.54 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Instrument :
BNA_F
ClientSampleId :
E2-AA8-BASEMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	24.7	19.3	28.9

Manual Integrations
APPROVED

mohammad
4/12/2017 5:11:59 PM



#91
Benzo(g,h,i)perylene
Concen: 38.01 ng
RT: 17.91 min Scan# 2724
Delta R.T. -0.00 min
Lab File: BF094365.D
Acq: 11 Apr 2017 22:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	29.5	25.4	38.0

