

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094482.D
 Acq On : 18 Apr 2017 13:03
 Operator : SJ/MA
 Sample : PB98269BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Manual Integrations
 APPROVED

mohammad
 4/19/2017 1:27:34 PM

Quant Time: Apr 19 06:53:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	123619	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	493502	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	229247	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	456504	20.00	ng	0.00
75) Chrysene-d12	14.47	240	356661	20.00	ng	0.00
86) Perylene-d12	16.09	264	273969	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	943637	126.64	ng	0.03
7) Phenol-d6	5.41	99	1076526	122.55	ng	0.02
23) Nitrobenzene-d5	6.42	82	684175	85.61	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	265703	148.18	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1251866	80.35	ng	0.00
78) Terphenyl-d14	13.20	244	1318718	98.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	119053	27.47	ng	95
3) Pyridine	2.66	79	320297	33.82	ng	97
4) n-Nitrosodimethylamine	2.60	42	156382	39.91	ng	88
6) Aniline	5.41	93	390406	33.44	ng	# 87
8) 2-Chlorophenol	5.55	128	348860	41.15	ng	96
9) Benzaldehyde	5.27	77	58313	8.73	ng	98
10) Phenol	5.42	94	422149	39.12	ng	91
11) bis(2-Chloroethyl)ether	5.49	93	315295	40.00	ng	97
12) 1,3-Dichlorobenzene	5.71	146	365395	38.90	ng	98
13) 1,4-Dichlorobenzene	5.80	146	369702	39.12	ng	97
14) 1,2-Dichlorobenzene	5.97	146	343683	39.48	ng	95
15) Benzyl Alcohol	5.95	79	265742	40.78	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	420437	40.68	ng	76
17) 2-Methylphenol	6.10	107	275411	41.24	ng	# 92
18) Hexachloroethane	6.35	117	127486	39.35	ng	# 84
19) n-Nitroso-di-n-propylamine	6.27	70	239506	41.15	ng	95
20) 3+4-Methylphenols	6.28	107	383006	42.21	ng	# 61
22) Acetophenone	6.25	105	490385	40.87	ng	# 84
24) Nitrobenzene	6.45	77	346800	41.21	ng	94
25) Isophorone	6.74	82	617164	41.66	ng	95
26) 2-Nitrophenol	6.82	139	193607	42.82	ng	96
27) 2,4-Dimethylphenol	6.90	122	309777	42.18	ng	99
28) bis(2-Chloroethoxy)methane	7.00	93	400035	41.74	ng	99
29) 2,4-Dichlorophenol	7.12	162	293944	43.02	ng	99
30) 1,2,4-Trichlorobenzene	7.21	180	286289	40.53	ng	99
31) Naphthalene	7.30	128	960900	40.50	ng	100
32) Benzoic acid	7.05	122	80632m	20.76	ng	
33) 4-Chloroaniline	7.37	127	196802	19.94	ng	94
34) Hexachlorobutadiene	7.45	225	146375	41.56	ng	99
35) Caprolactam	7.84	113	100012m	46.59	ng	
36) 4-Chloro-3-methylphenol	8.00	107	303129	42.33	ng	89
37) 2-Methylnaphthalene	8.14	142	682549	42.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258456	39.59	ng	99
40) Hexachlorocyclopentadiene	8.33	237	256106	96.98	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	191775	41.83	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	207656	44.11	nq #	92
45) 1,1'-Biphenyl	8.71	154	715822	38.22	nq	98
46) 2-Chloronaphthalene	8.73	162	607709	40.80	nq	97
47) 2-Nitroaniline	8.86	65	187496	43.76	nq	90
48) Acenaphthylene	9.23	152	953966	41.09	nq	99
49) Dimethylphthalate	9.11	163	757702	44.35	nq	100
50) 2,6-Dinitrotoluene	9.17	165	171616	44.75	nq	99
51) Acenaphthene	9.44	154	578659	41.61	nq	99
52) 3-Nitroaniline	9.37	138	124024	27.95	nq	91
53) 2,4-Dinitrophenol	9.51	184	105654	52.88	nq #	70
54) Dibenzofuran	9.66	168	859140	42.51	nq	99
55) 4-Nitrophenol	9.64	139	335498	107.04	nq #	72
56) 2,4-Dinitrotoluene	9.67	165	225039	47.83	nq #	83
57) Fluorene	10.08	166	709507	45.08	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	159068	47.14	nq	97
59) Diethylphthalate	9.97	149	782144	48.52	nq	98
60) 4-Chlorophenyl-phenylether	10.09	204	306580	46.81	nq	88
61) 4-Nitroaniline	10.13	138	198667	44.05	nq	96
62) Azobenzene	10.28	77	740631	47.32	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	103866	34.73	nq #	63
65) n-Nitrosodiphenylamine	10.24	169	667280	42.03	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	192265	42.42	nq	99
67) Hexachlorobenzene	10.75	284	193429	42.34	nq #	86
68) Atrazine	10.92	200	206547	43.49	nq	96
69) Pentachlorophenol	11.01	266	170996	94.27	nq	98
70) Phenanthrene	11.25	178	1082717	42.12	nq	99
71) Anthracene	11.32	178	1123123	42.24	nq	99
72) Carbazole	11.52	167	1069172	42.84	nq	99
73) Di-n-butylphthalate	11.98	149	1291664	47.00	nq	99
74) Fluoranthene	12.71	202	1158586	43.49	nq	99
76) Benzidine	12.89	184	447565	30.99	nq #	93
77) Pyrene	12.99	202	1171564	47.02	nq	99
79) Butylbenzylphthalate	13.81	149	548660	50.24	nq	89
80) Benzo(a)anthracene	14.46	228	912876	44.04	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	184464	25.14	nq #	97
82) Chrysene	14.51	228	828916	43.75	nq	100
83) Bis(2-ethylhexyl)phthalate	14.53	149	743568	50.71	nq #	100
84) Di-n-octyl phthalate	15.28	149	1107251	45.02	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	789922	43.82	nq	99
87) Benzo(b)fluoranthene	15.69	252	736011	43.92	nq	100
88) Benzo(k)fluoranthene	15.72	252	682738	43.05	nq	95
89) Benzo(a)pyrene	16.04	252	679448	43.58	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	656630	50.72	nq	98
91) Benzo(g,h,i)perylene	17.75	276	678667	51.49	nq	99

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

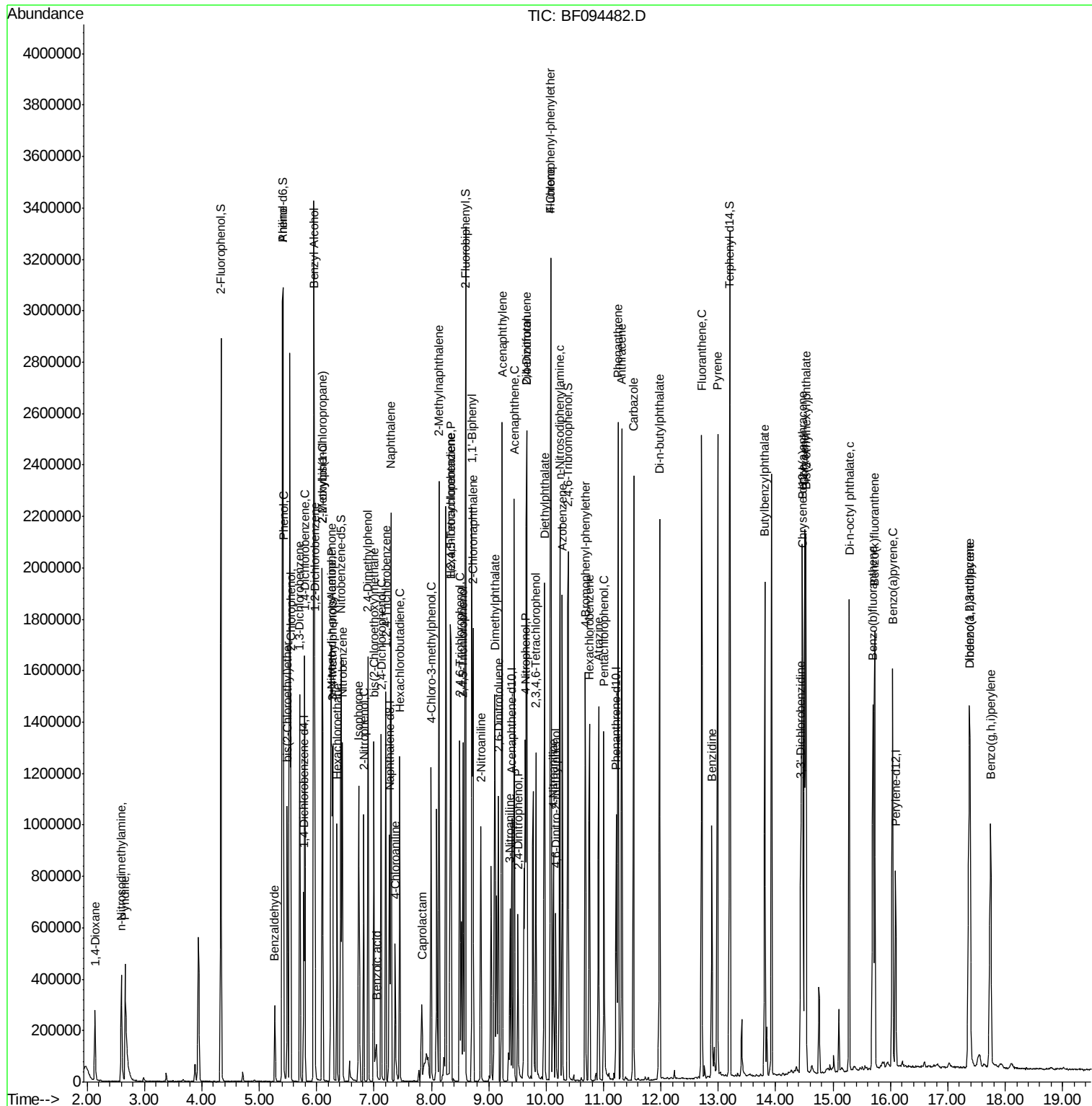
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Operator  : SJ/MA  
Sample    : PB98269BS  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
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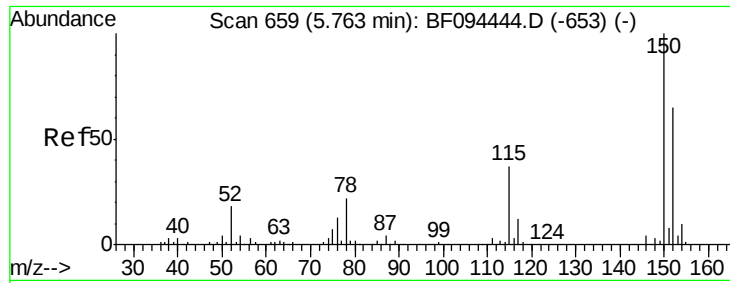
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.78 min Scan# 653

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

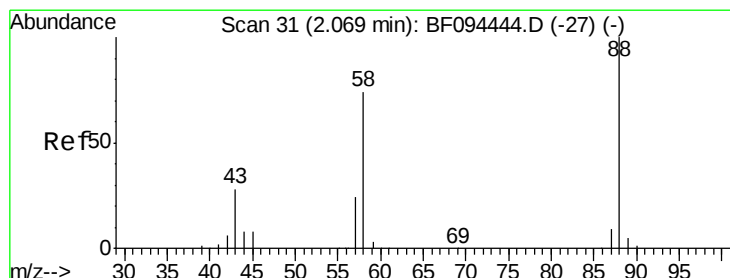
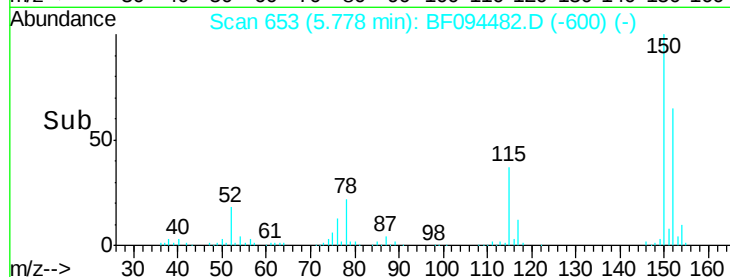
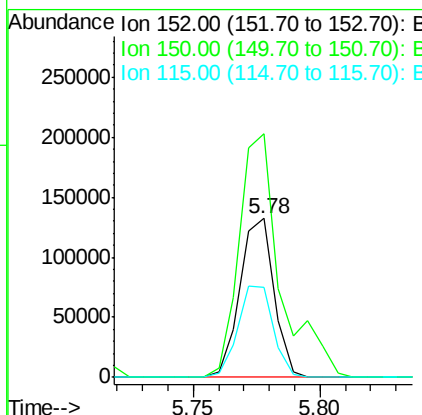
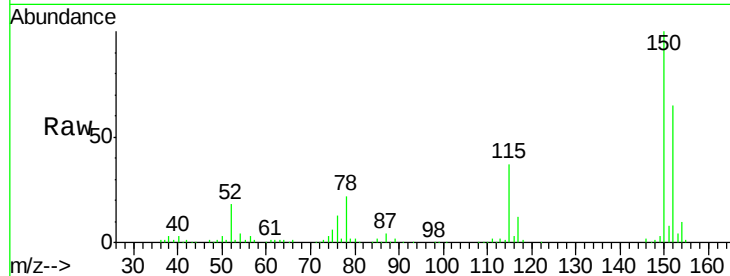
ClientSampleId :

PB98269BS

Tot Ion:	152	Resp:	123619
Ion Ratio	Lower	Upper	
152	100		
150	153.5	126.2	189.2
115	56.4	52.2	78.2

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#2

1,4-Dioxane

Concen: 27.47 ng

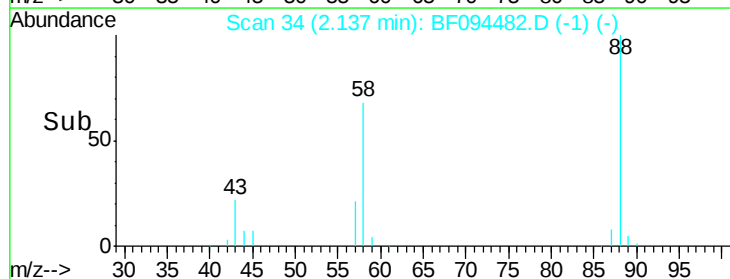
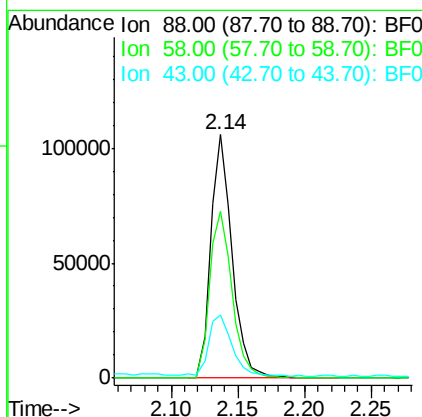
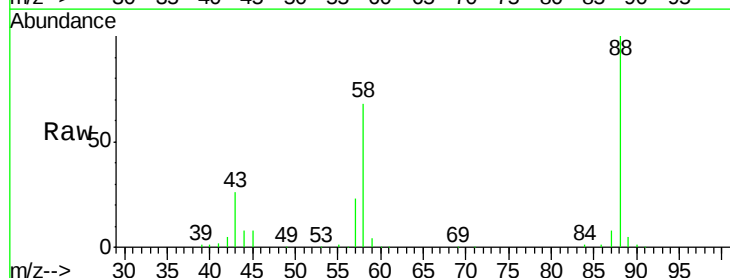
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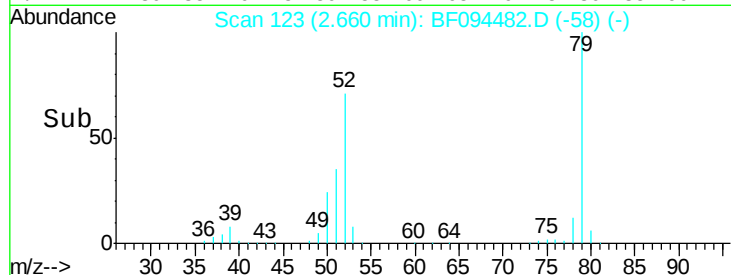
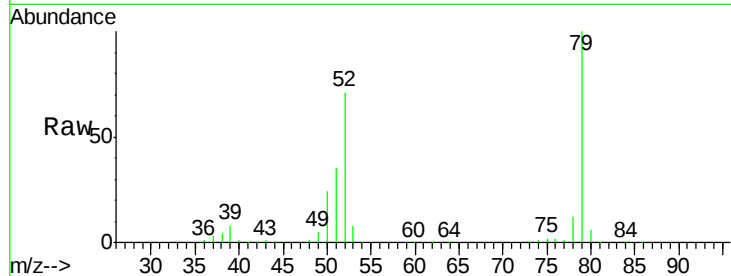
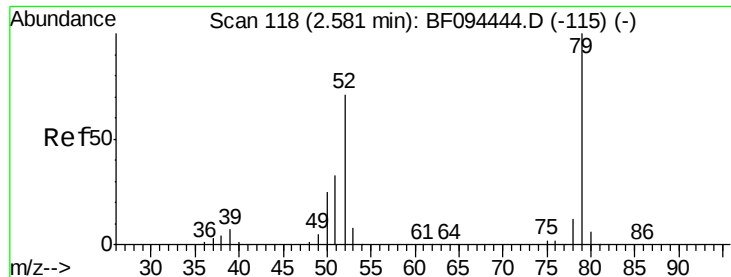
Delta R.T. 0.07 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion:	88	Resp:	119053
Ion Ratio	Lower	Upper	
88	100		
58	71.9	61.4	92.0
43	28.0	23.4	35.0





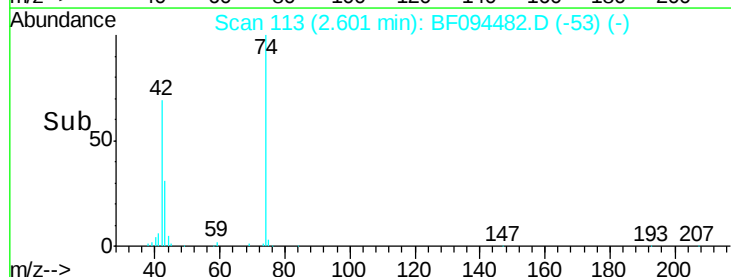
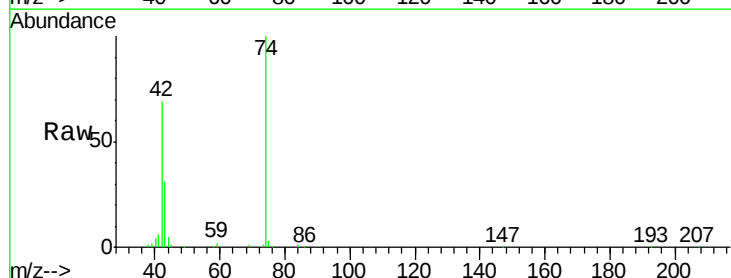
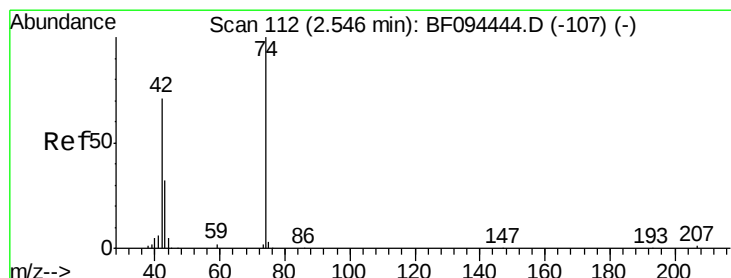
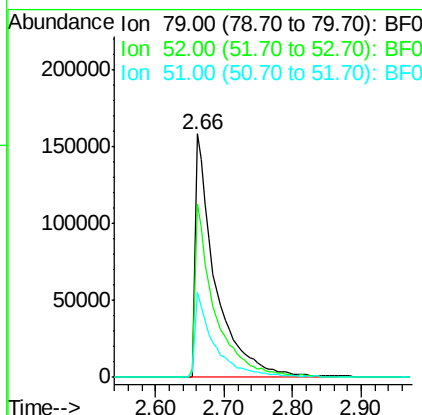
#3
 Pvridine
 Concen: 33.82 ng
 RT: 2.66 min Scan# 123
 Delta R.T. 0.08 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.1	54.8	82.2
51	34.7	27.0	40.4

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 PB98269BS

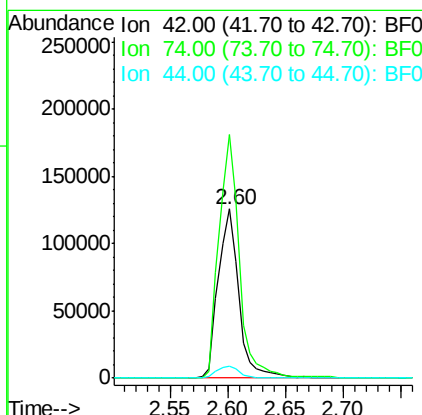
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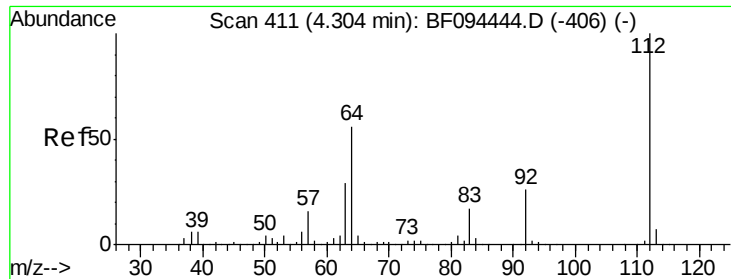
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#4
 n-Nitrosodimethylamine
 Concen: 39.91 ng
 RT: 2.60 min Scan# 113
 Delta R.T. 0.06 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.1	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 126.64 ng

RT: 4.34 min Scan# 408

Delta R.T. 0.03 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

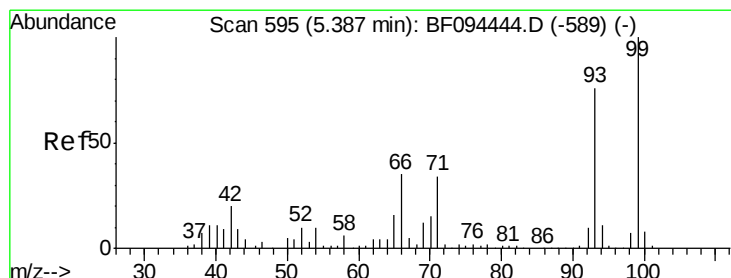
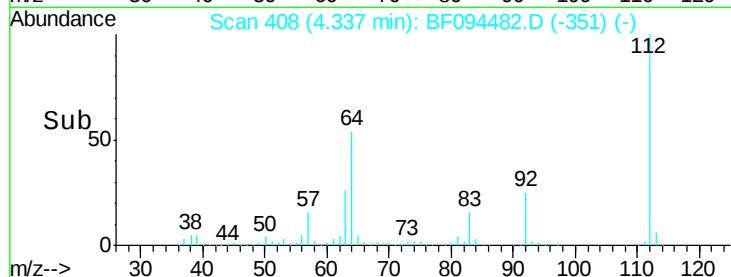
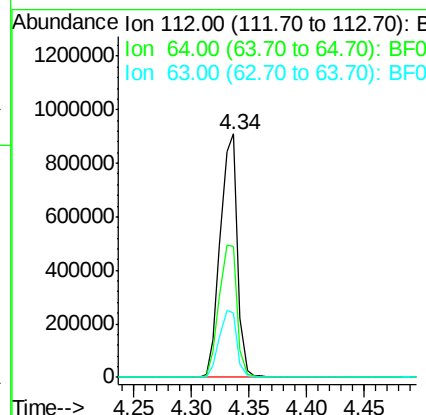
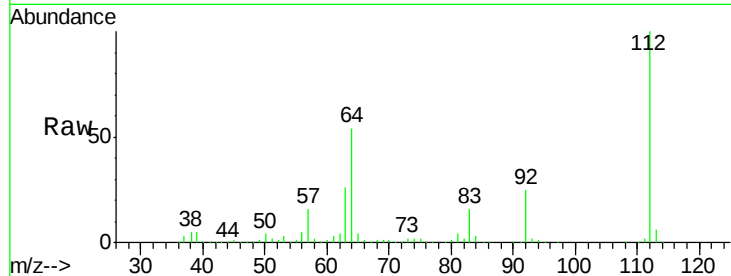
ClientSampleId :

PB98269BS

Tot Ion:	112	Resp:	943637
Ion Ratio	Lower	Upper	
112	100		
64	53.9	46.0	69.0
63	26.3	23.4	35.0

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#6

Aniline

Concen: 33.44 ng

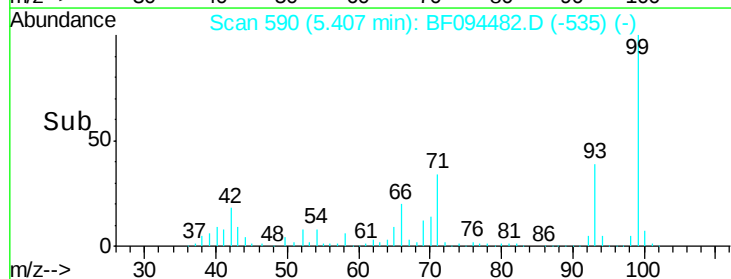
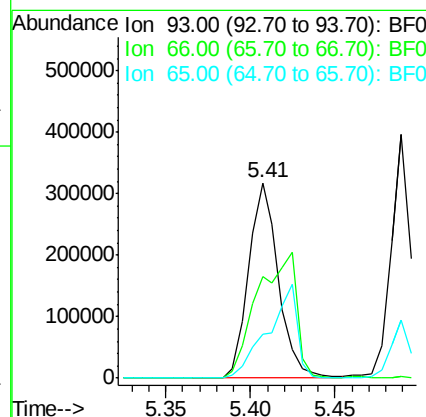
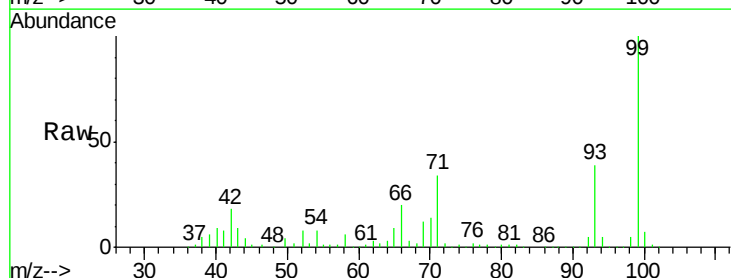
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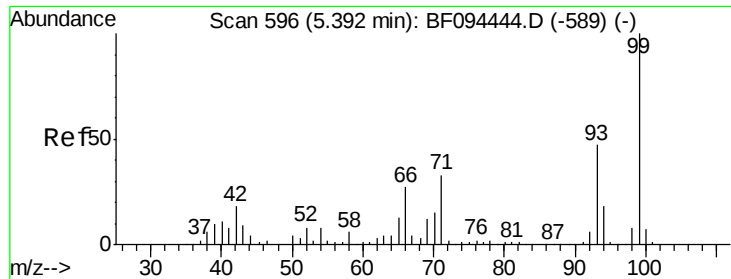
Delta R.T. 0.02 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion:	93	Resp:	390406
Ion Ratio	Lower	Upper	
93	100		
66	51.7	32.9	49.3#
65	22.3	16.0	24.0





#7

Phenol-d6

Concen: 122.55 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

PB98269BS

Tot Ion: 99 Resp: 1076526

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

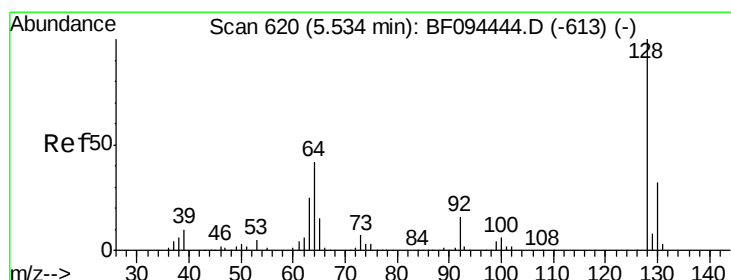
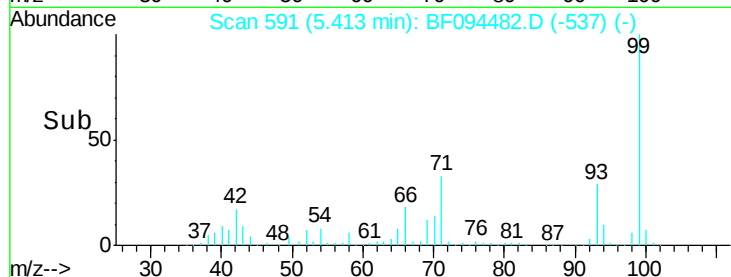
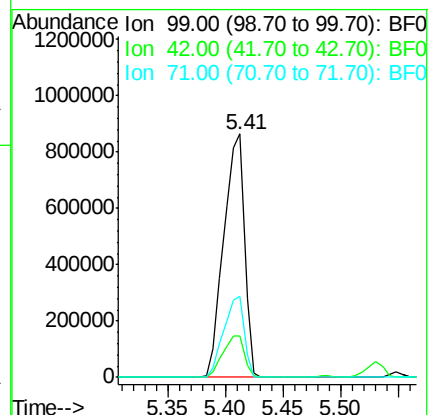
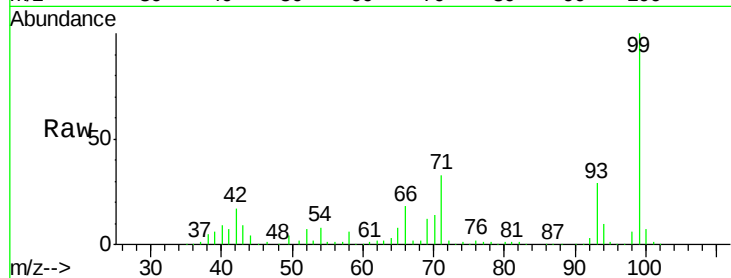
71 33.3 24.5 36.7

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#8

2-Chlorophenol

Concen: 41.15 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

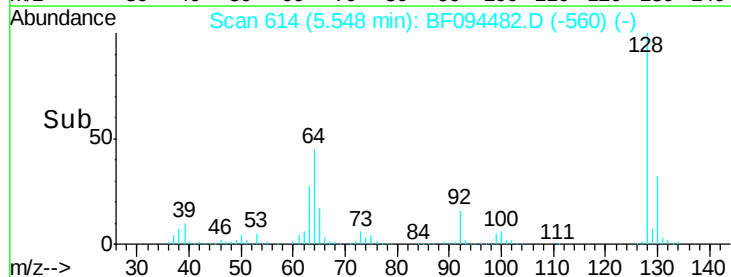
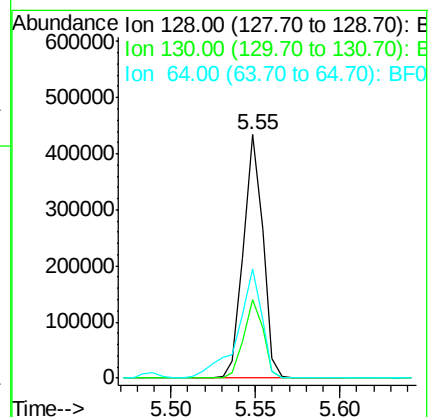
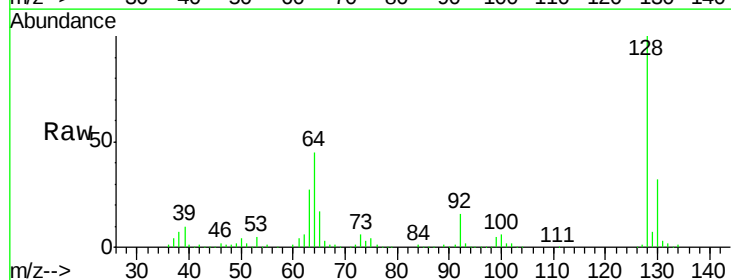
Tgt Ion: 128 Resp: 348860

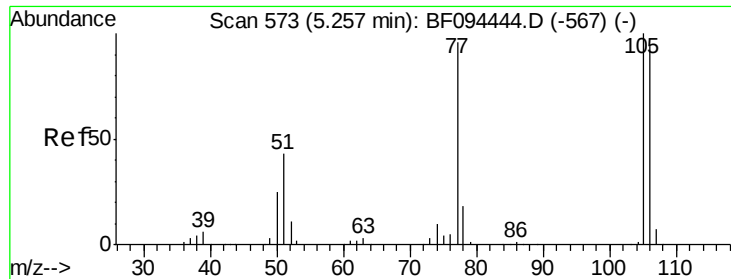
Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 44.9 28.4 68.4





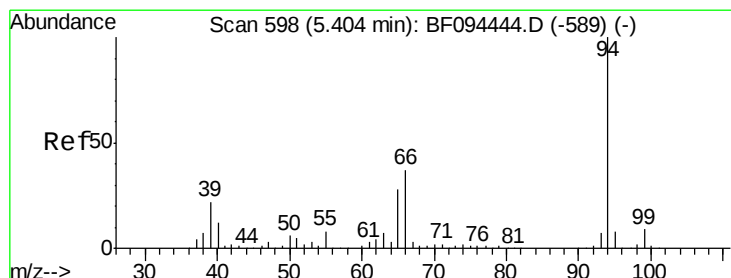
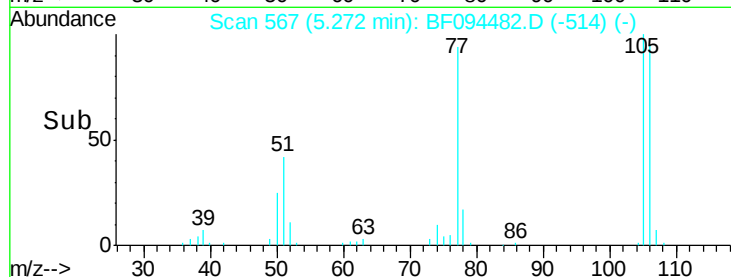
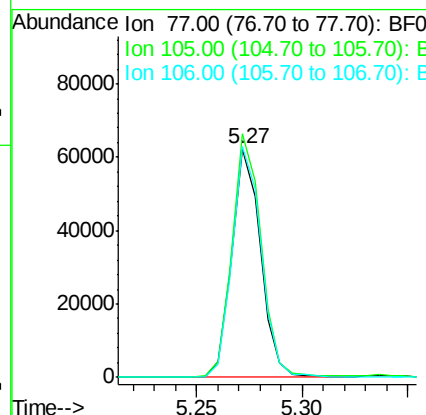
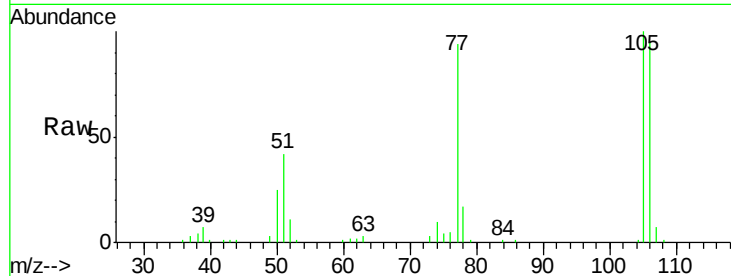
#9
Benzaldehyde
Concen: 8.73 ng
RT: 5.27 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	106.4	83.8	123.8
106	100.9	79.1	119.1

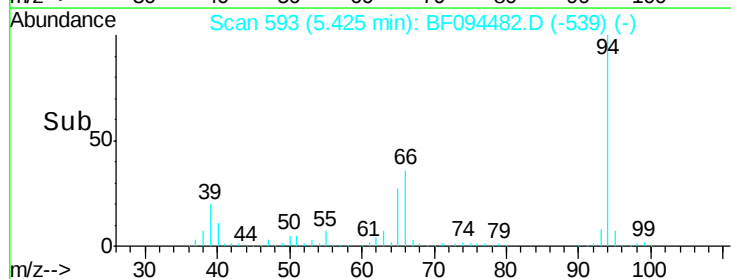
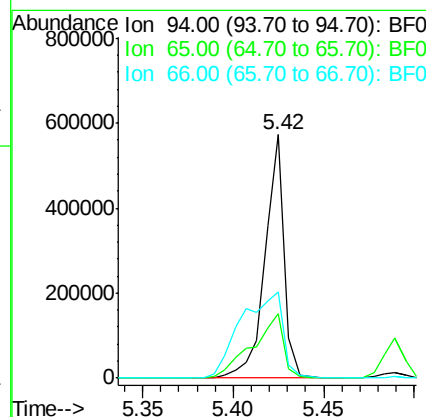
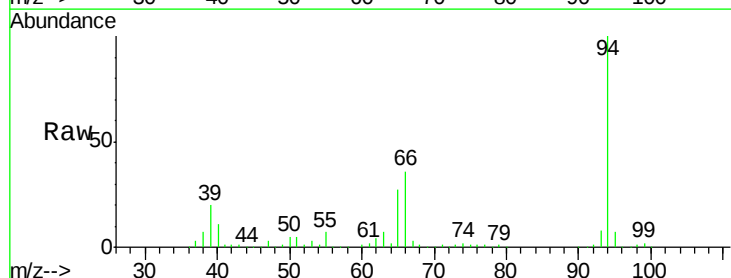
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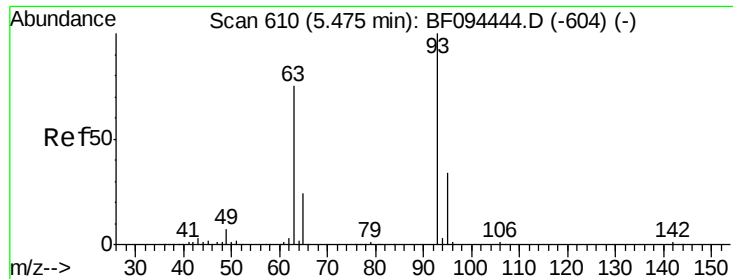
mohammad
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#10
Phenol
Concen: 39.12 ng
RT: 5.42 min Scan# 593
Delta R.T. 0.02 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	35.6	23.1	63.1





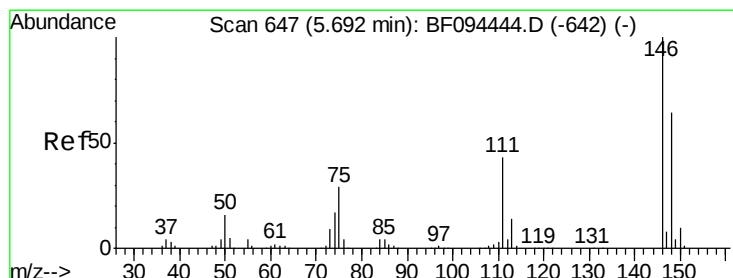
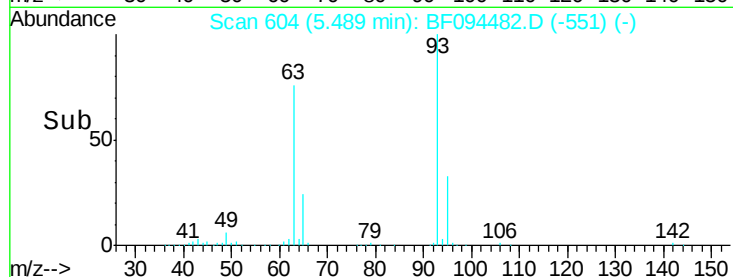
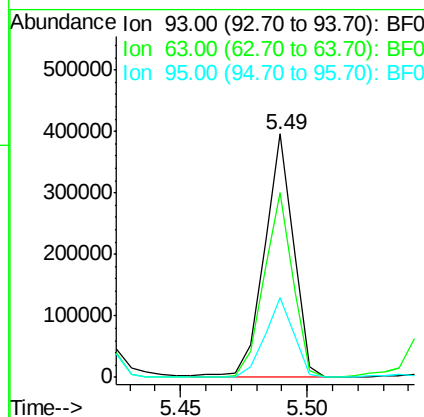
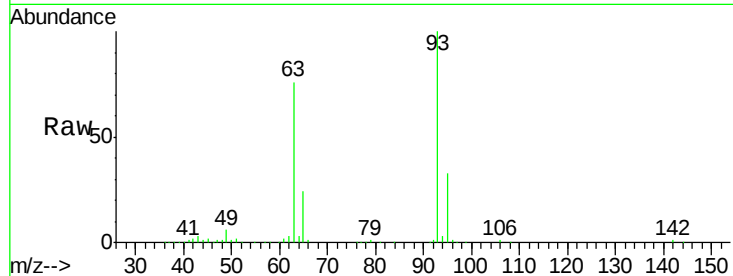
#11
bis(2-Chloroethyl)ether
Concen: 40.00 ng
RT: 5.49 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion:	93	Resp:	315295
Ion Ratio	Lower	Upper	
93	100		
63	76.0	59.2	99.2
95	32.5	12.8	52.8

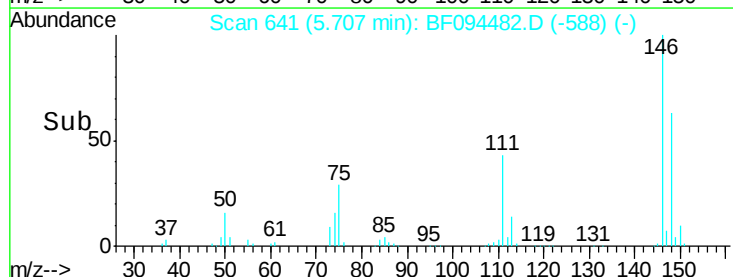
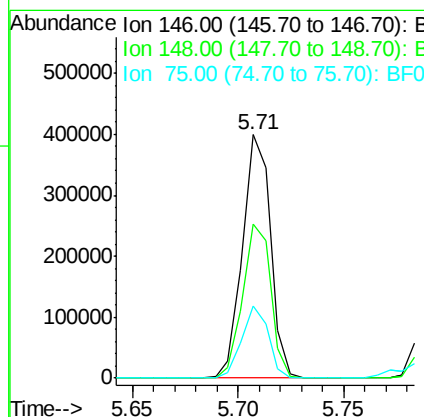
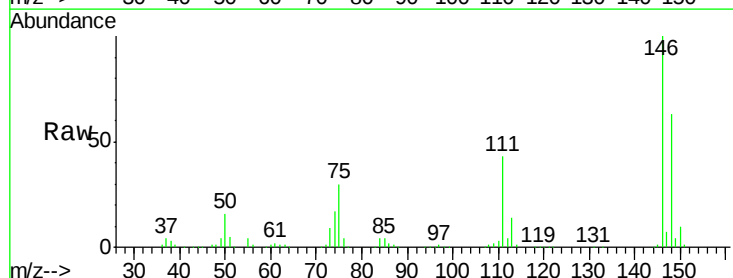
Manual Integrations
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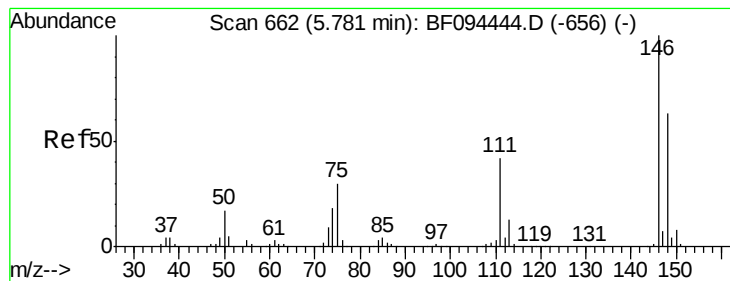
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.90 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:	146	Resp:	365395
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.6
75	29.7	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.12 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

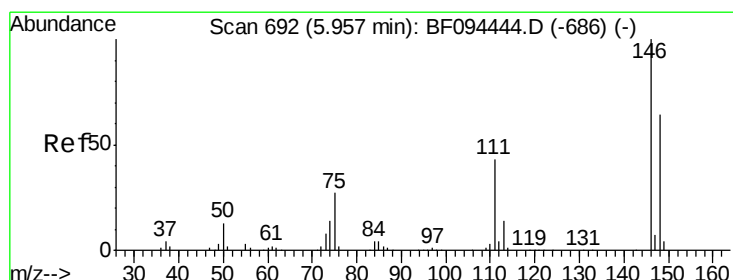
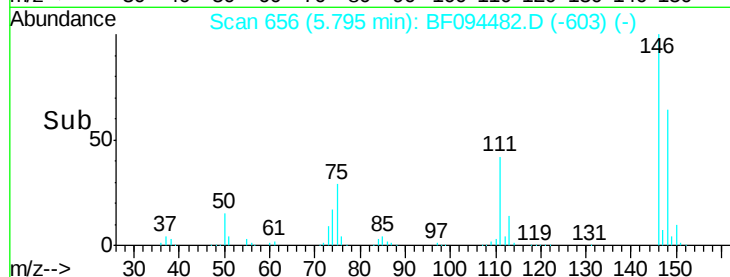
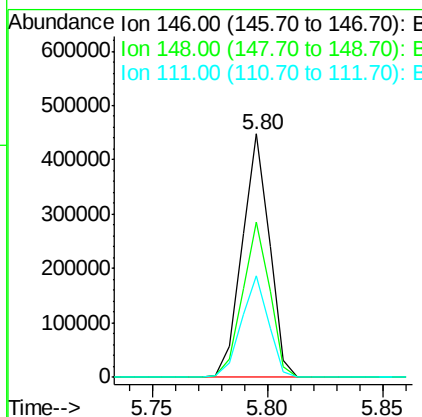
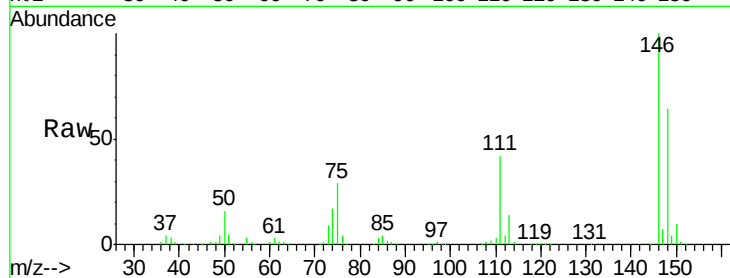
ClientSampleId :

PB98269BS

Tot Ion:	146	Resp:	369702
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	41.5	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 39.48 ng

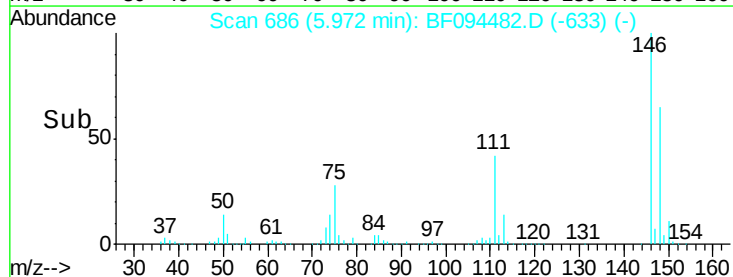
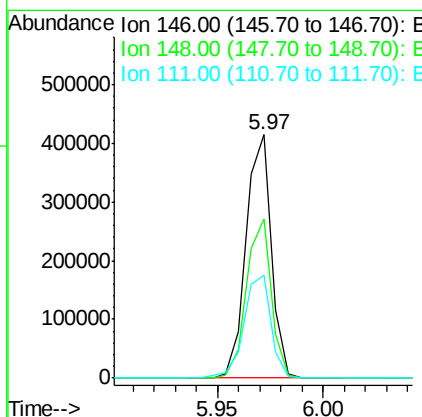
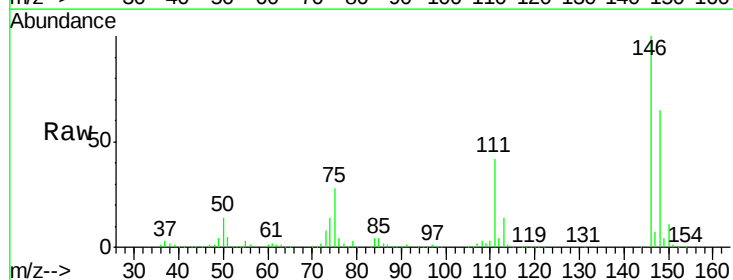
RT: 5.97 min Scan# 686

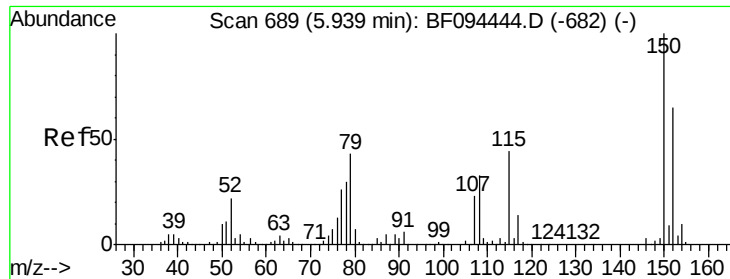
Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion:	146	Resp:	343683
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.4	75.6
111	42.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.78 ng

RT: 5.95 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

PB98269BS

Tot Ion: 79 Resp: 265742

Ion Ratio Lower Upper

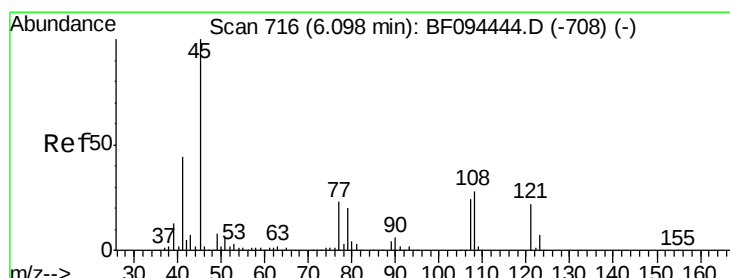
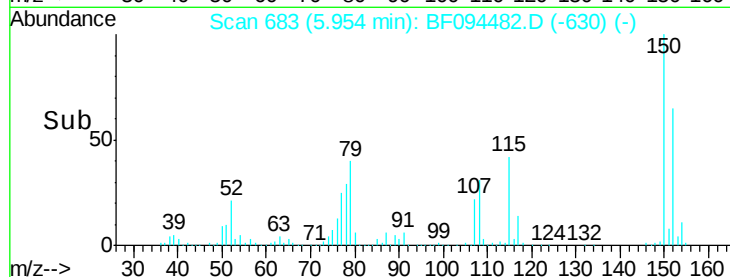
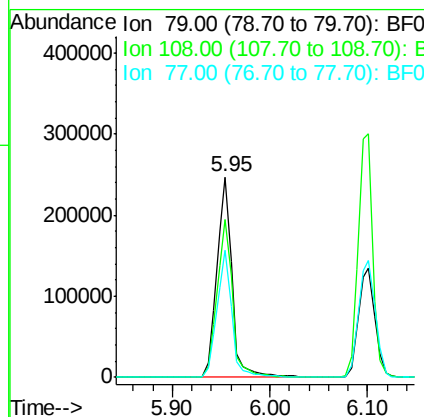
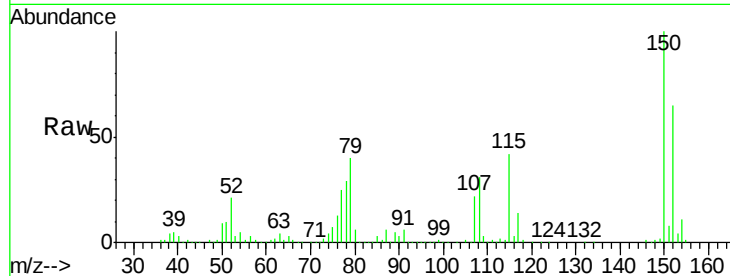
79 100

108 78.8 63.4 95.0

77 63.7 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.68 ng

RT: 6.11 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

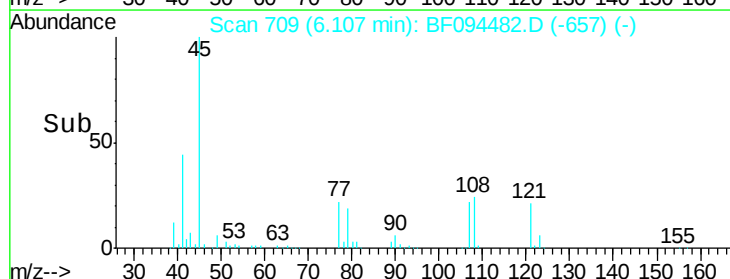
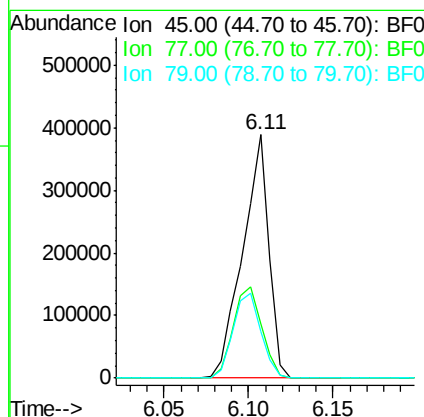
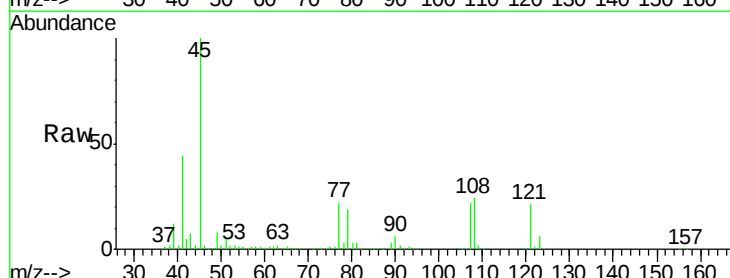
Tgt Ion: 45 Resp: 420437

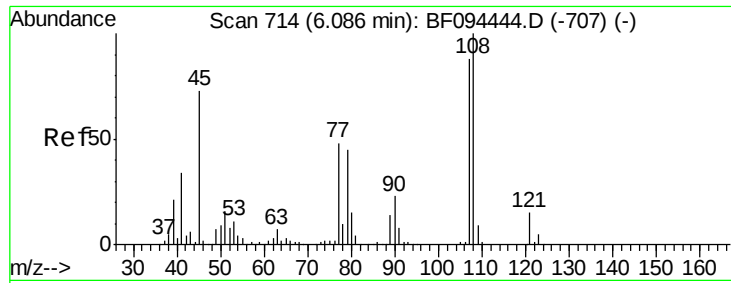
Ion Ratio Lower Upper

45 100

77 22.4 0.0 33.2

79 19.3 0.0 30.0





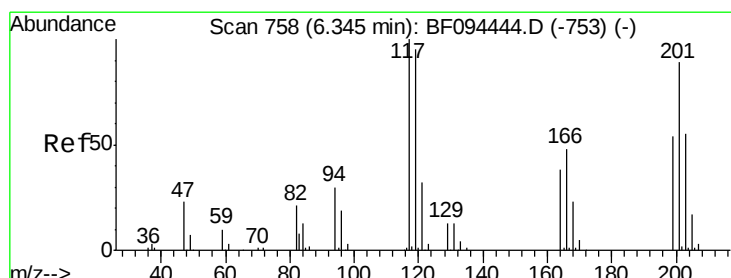
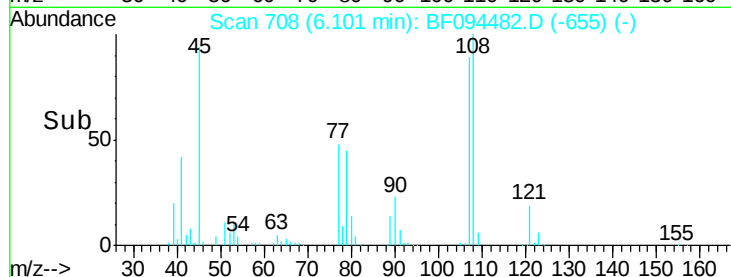
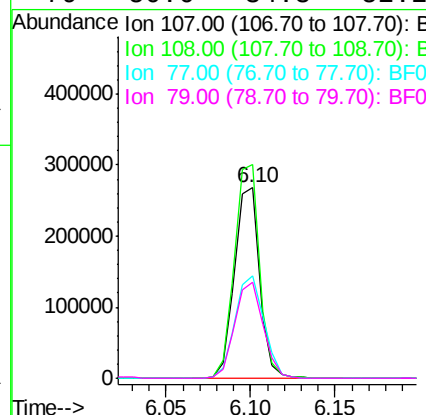
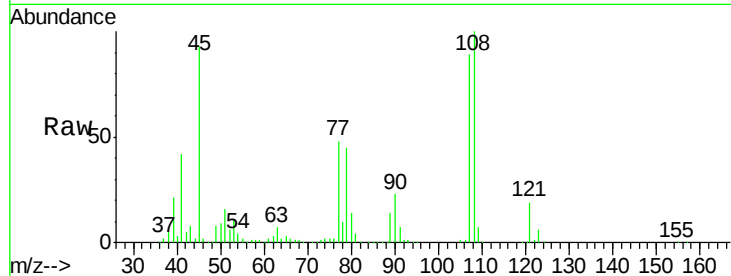
#17
2-Methylphenol
Concen: 41.24 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	275411		
108	112.2	93.4	140.0	
77	54.1	35.8	53.6	
79	50.6	34.8	52.2	

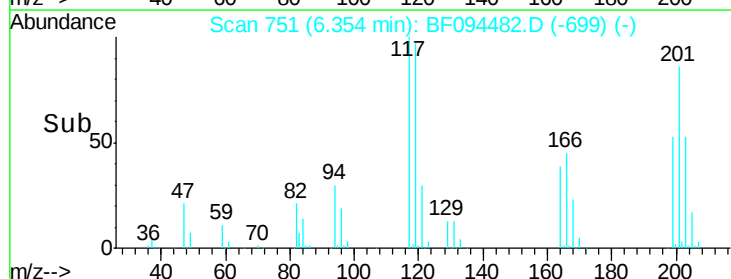
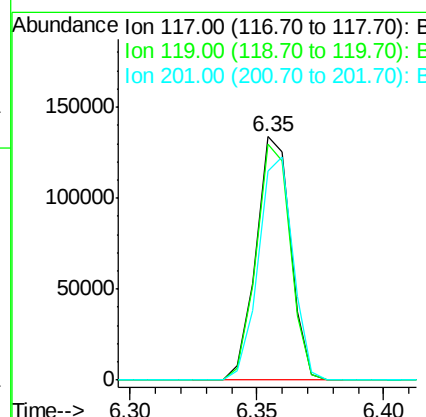
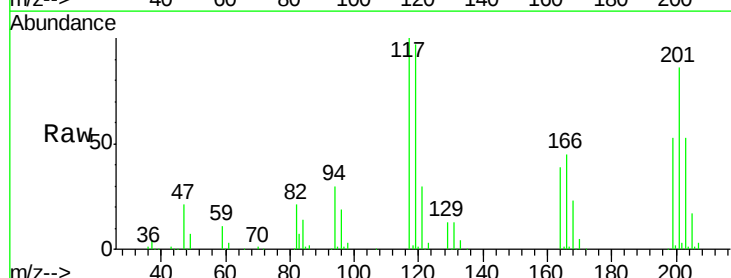
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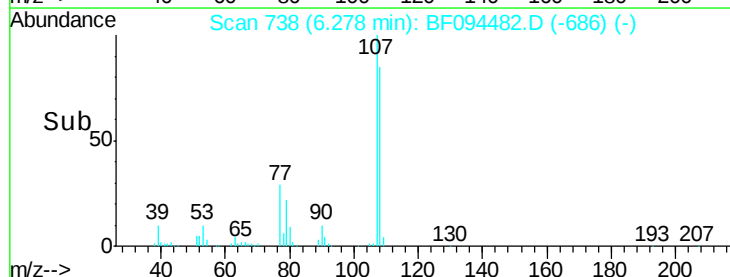
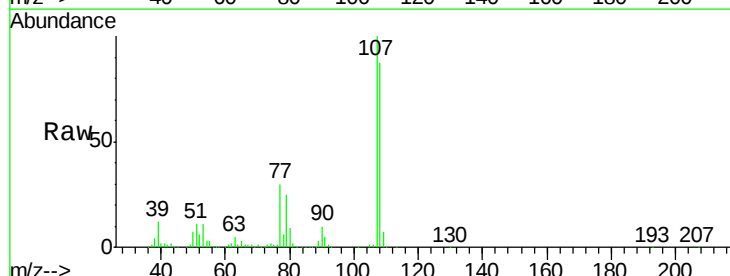
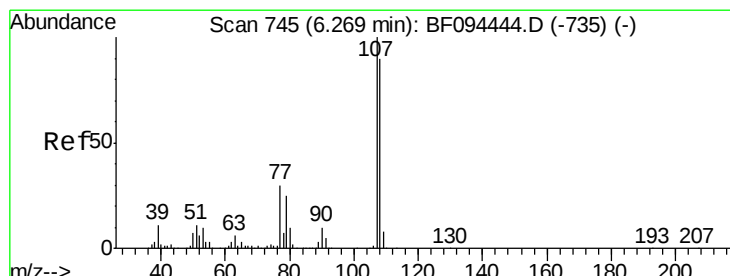
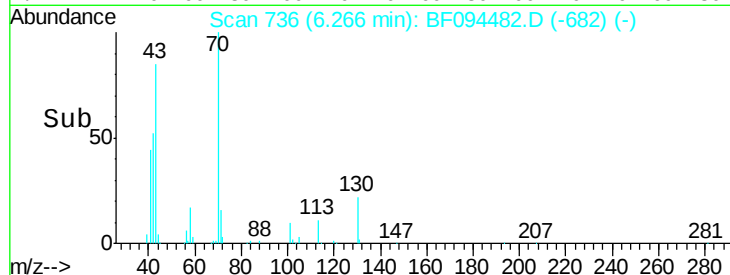
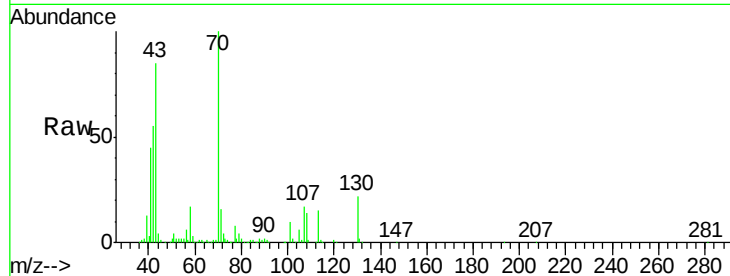
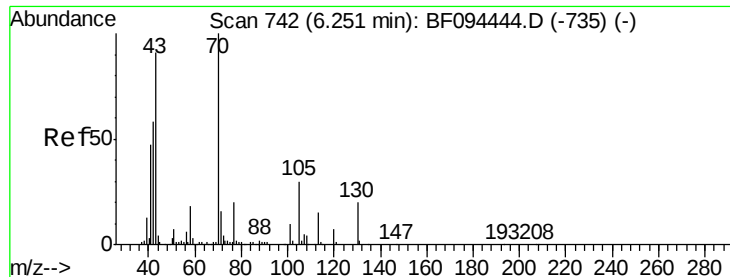
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#18
Hexachloroethane
Concen: 39.35 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	127486		
119	97.1	77.4	116.0	
201	85.7	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 41.15 ng

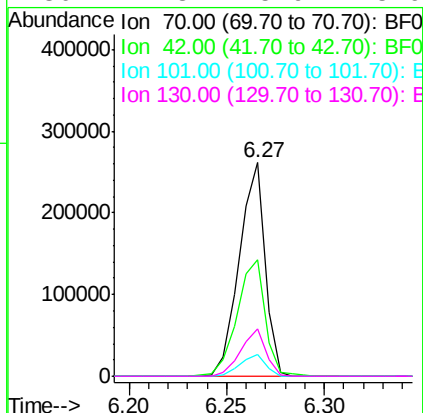
RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		239506		
42	54.5	47.2	70.8		
101	10.1	7.2	10.8		
130	22.3	15.9	23.9		



Instrument :

BNA_F

ClientSampleId :

PB98269BS

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#20

3+4-Methylphenols

Concen: 42.21 ng

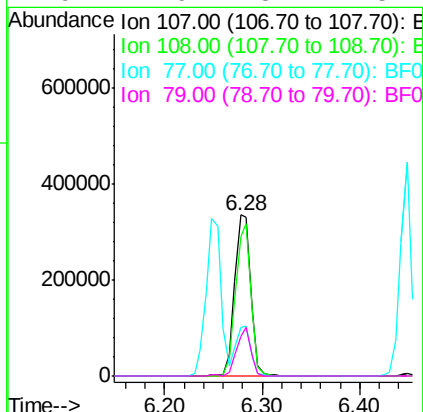
RT: 6.28 min Scan# 738

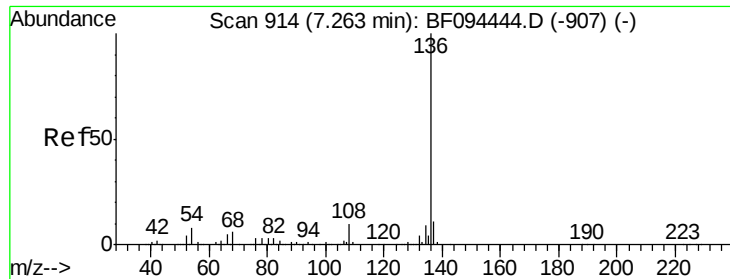
Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		383006		
108	86.7	71.0	111.0		
77	30.2	90.5	130.5#		
79	24.9	8.4	48.4		





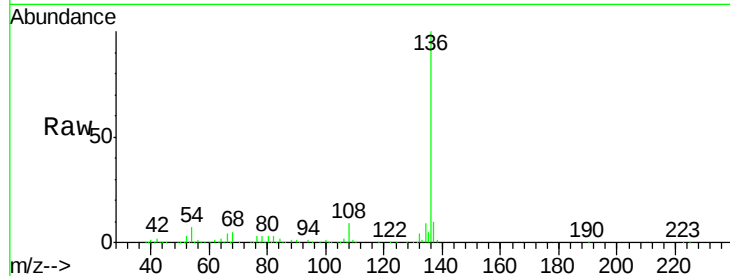
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

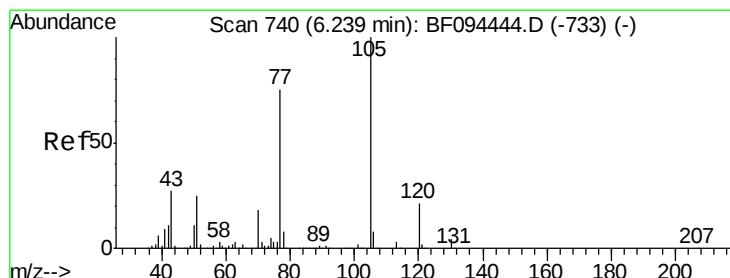
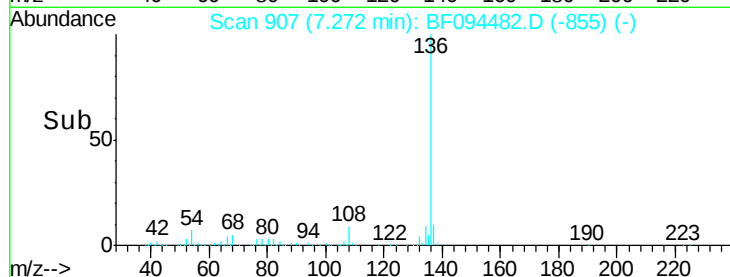
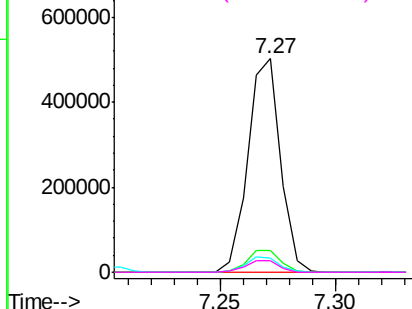
Tot Ion	Ratio	Resp	Lower	Upper
136	100	493502		
137	10.3		8.5	12.7
54	6.5		4.9	7.3
68	5.1		4.1	6.1

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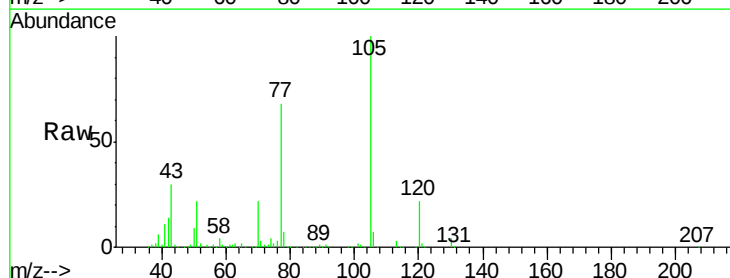


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

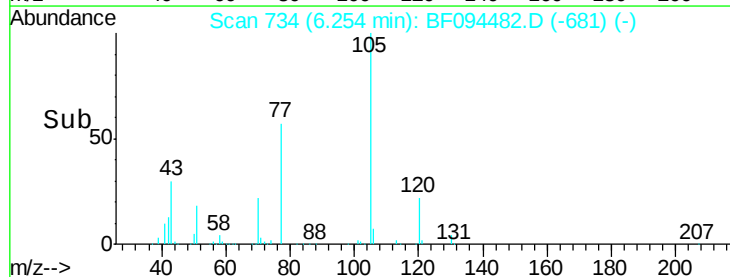
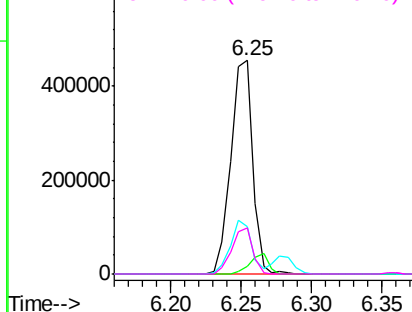


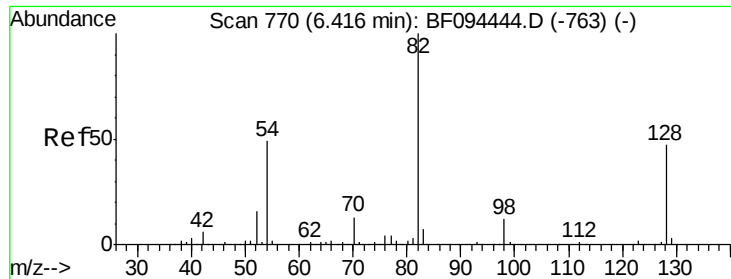
#22
Acetophenone
Concen: 40.87 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	490385		
71	3.4		2.8	4.2
51	22.4		30.7	46.1#
120	21.5		17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





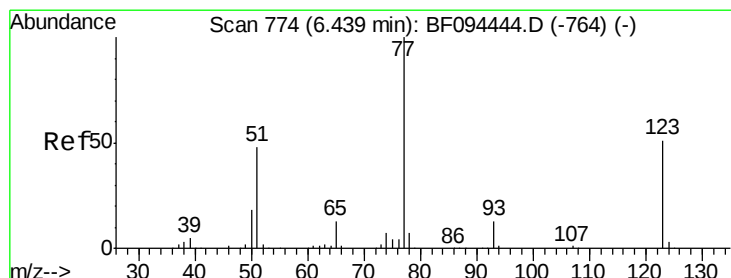
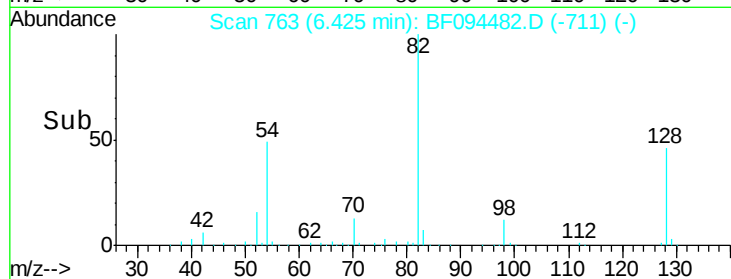
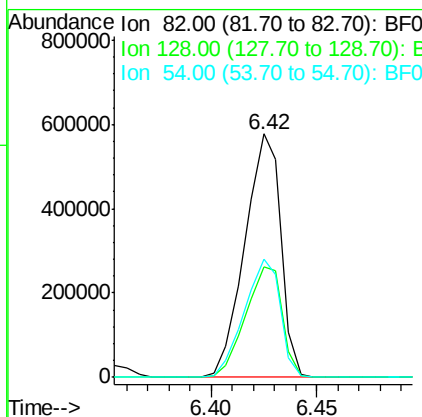
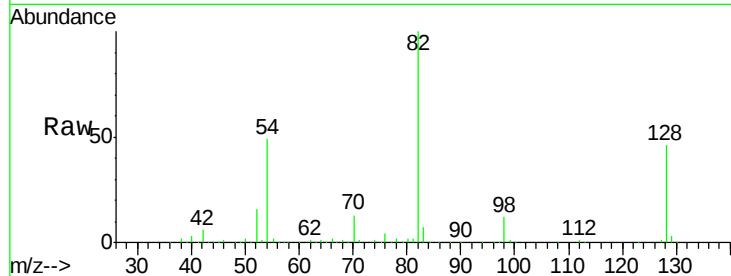
#23
 Nitrobenzene-d5
 Concen: 85.61 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	684175		
128	45.6		34.0	51.0
54	48.7		42.2	63.2

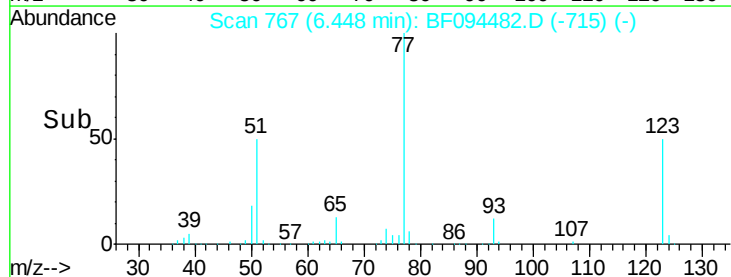
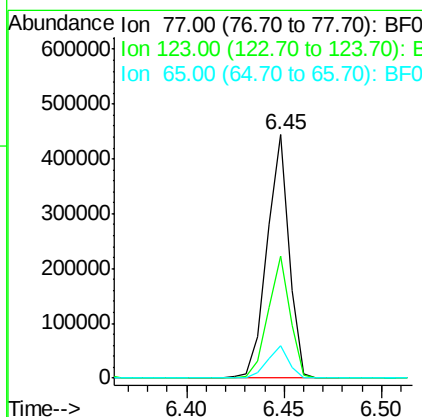
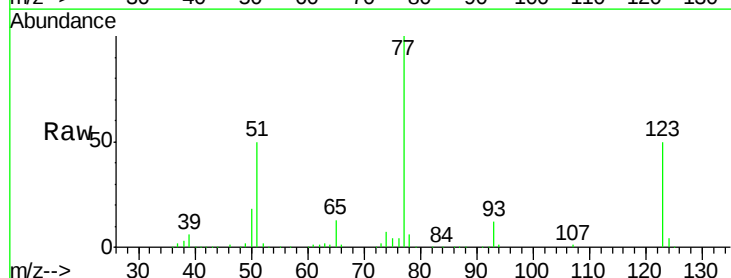
Manual Integrations
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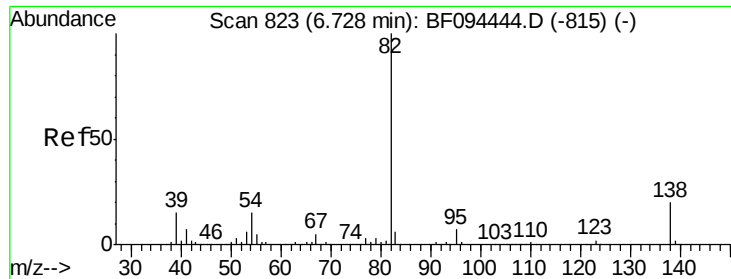
mohammad
 4/19/2017 1:27:34 PM



#24
 Nitrobenzene
 Concen: 41.21 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	346800		
123	49.9		35.8	53.8
65	13.2		10.6	15.8





#25

Isophorone

Concen: 41.66 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

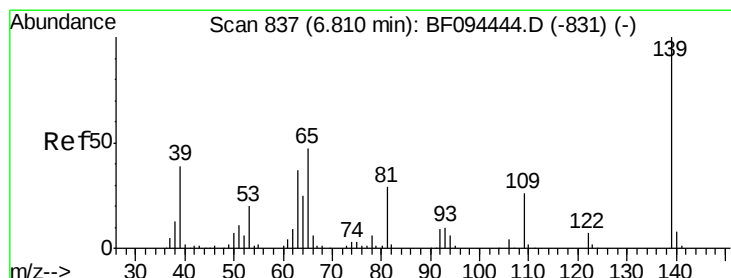
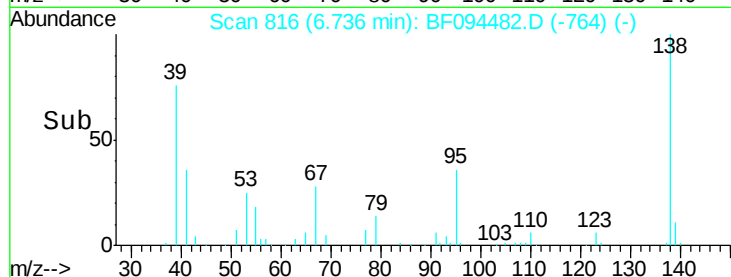
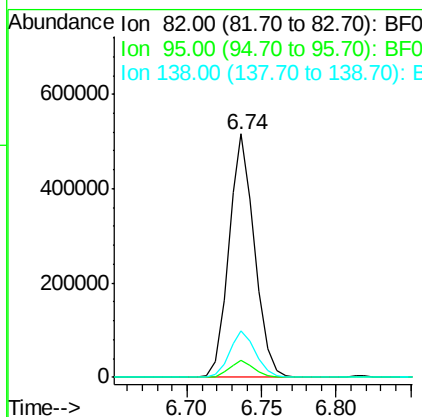
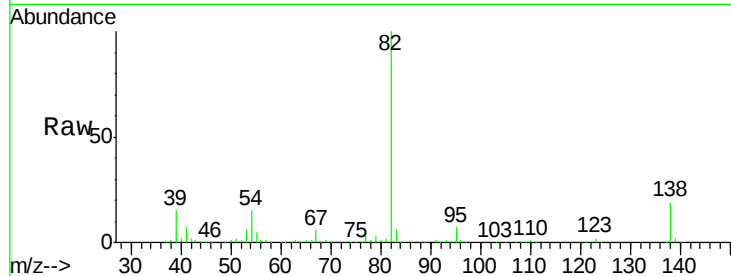
ClientSampleId :

PB98269BS

Tot Ion:	82	Resp:	617164
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.82 ng

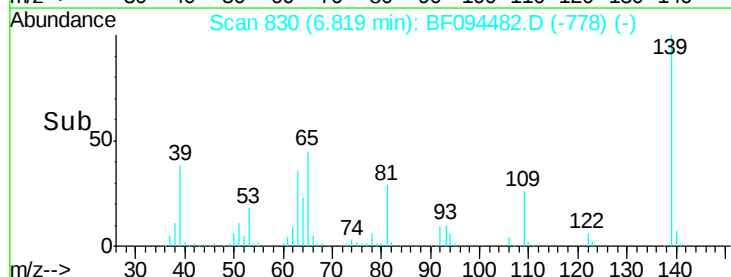
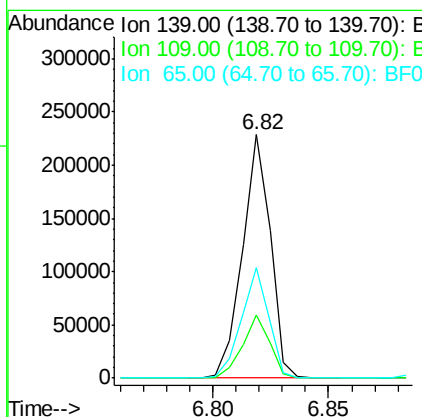
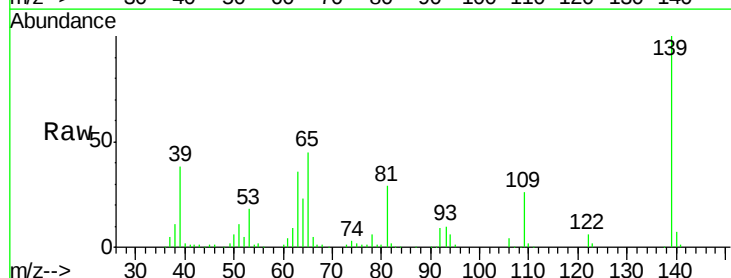
RT: 6.82 min Scan# 830

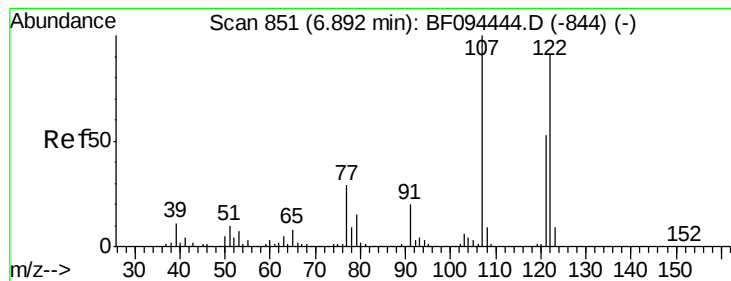
Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion:	139	Resp:	193607
Ion Ratio		Lower	Upper
139	100		
109	26.0	21.0	31.6
65	45.3	33.0	49.6





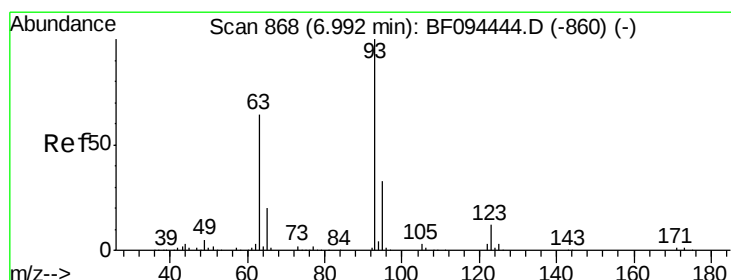
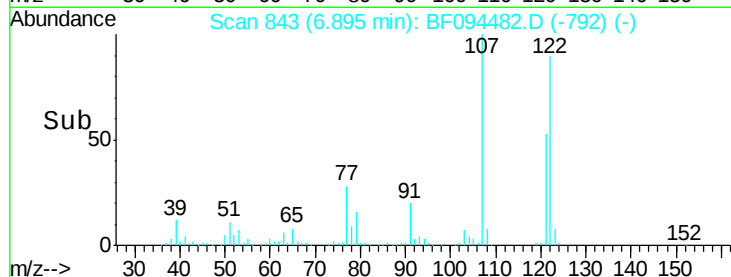
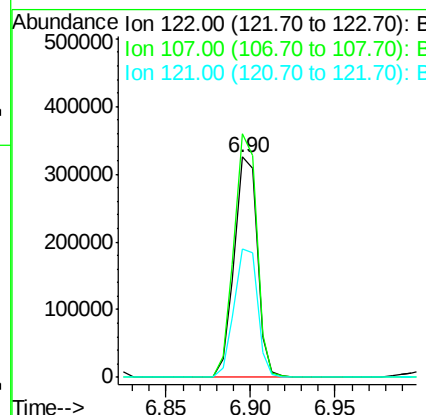
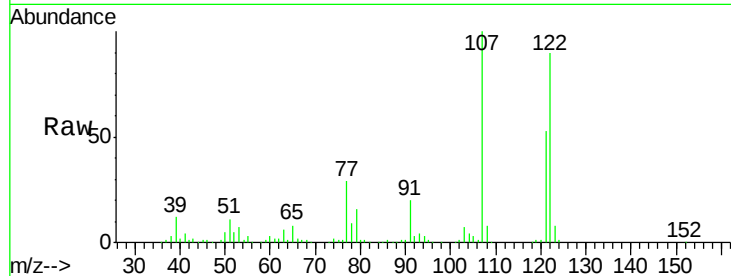
#27
2,4-Dimethylphenol
Concen: 42.18 ng
RT: 6.90 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.2	133.8
121	58.6	45.2	67.8

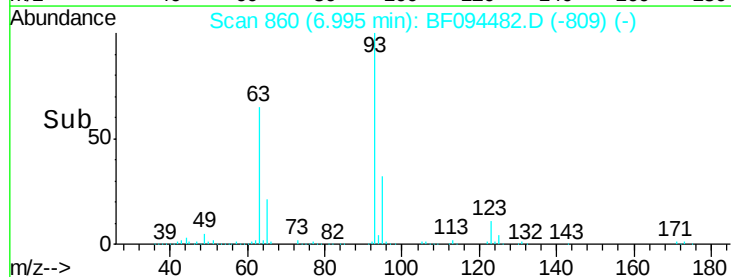
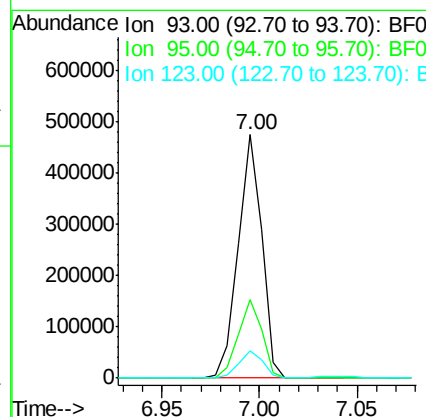
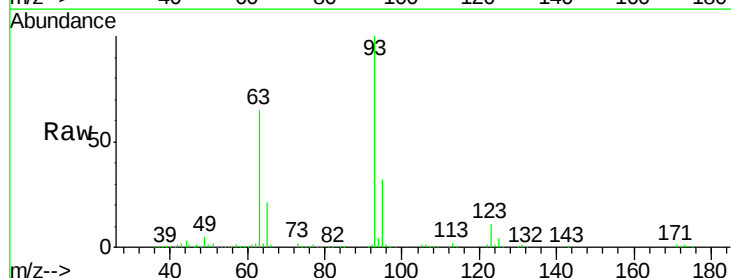
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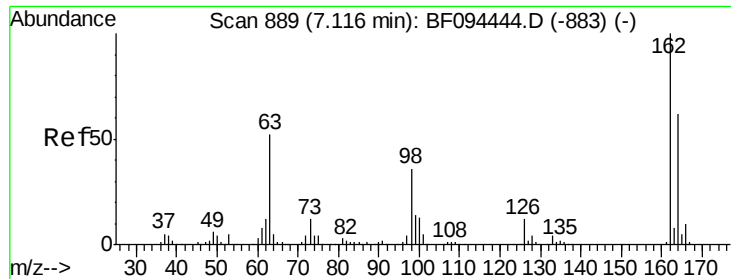
mohammad
4/19/2017 1:27:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.74 ng
RT: 7.00 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.3	9.0	13.4





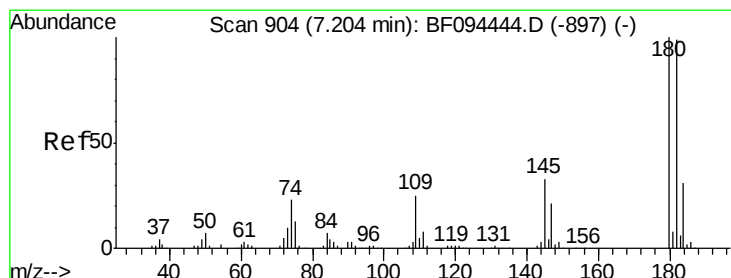
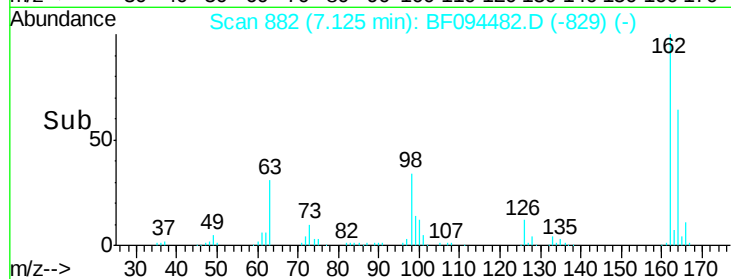
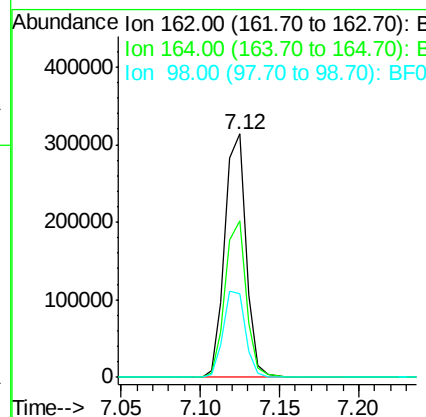
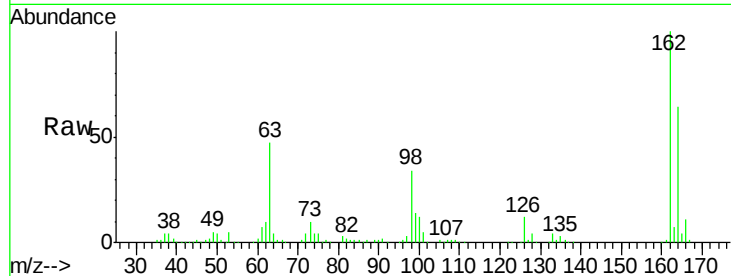
#29
 2,4-Dichlorophenol
 Concen: 43.02 ng
 RT: 7.12 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		293944		
164	64.2	44.6	84.6		
98	34.5	14.8	54.8		

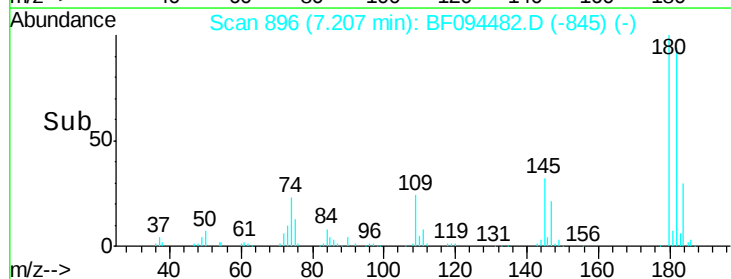
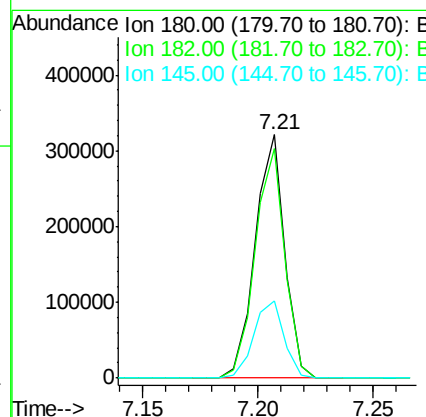
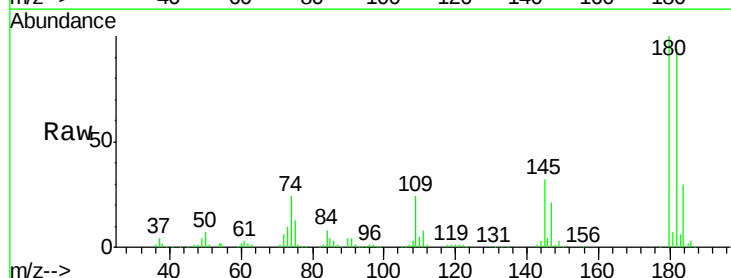
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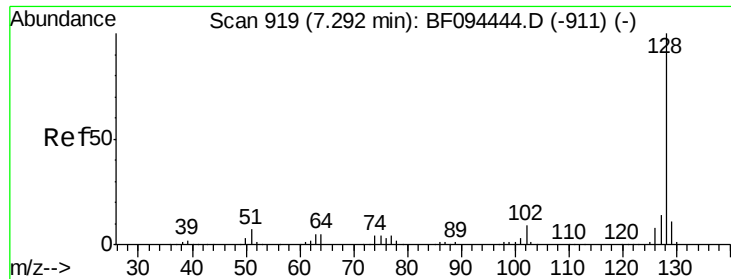
mohammad
 4/19/2017 1:27:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.53 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		286289		
182	94.1	75.8	113.6		
145	31.7	25.3	37.9		





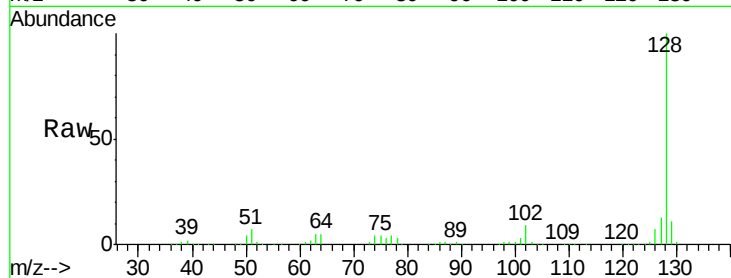
#31
Naphthalene
Concen: 40.50 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

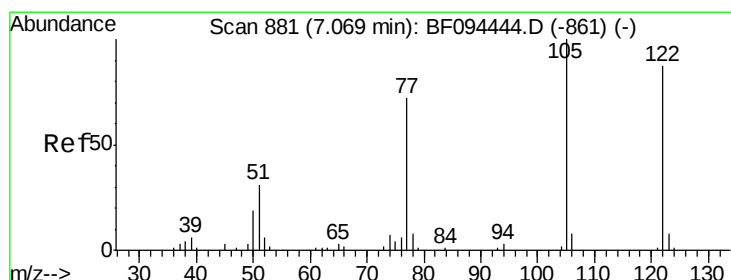
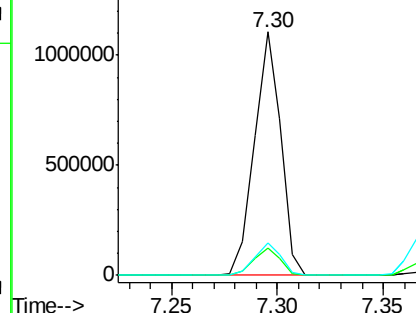
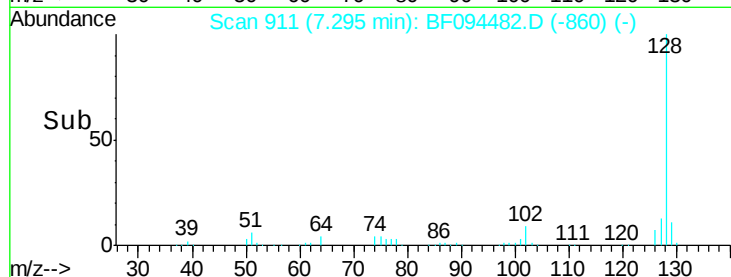
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.0	13.6	
127	13.3	10.8	16.2	

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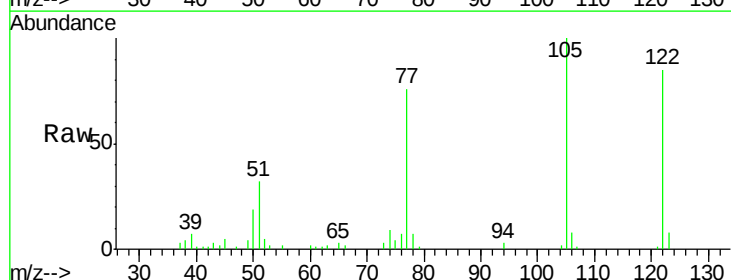


Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

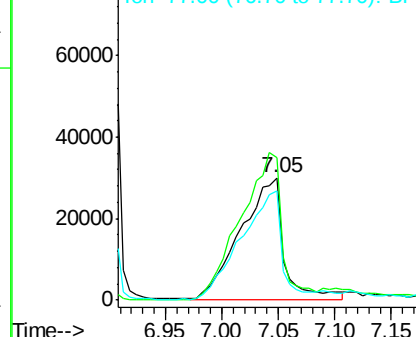
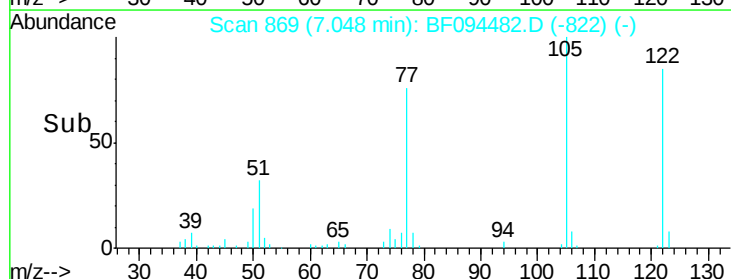


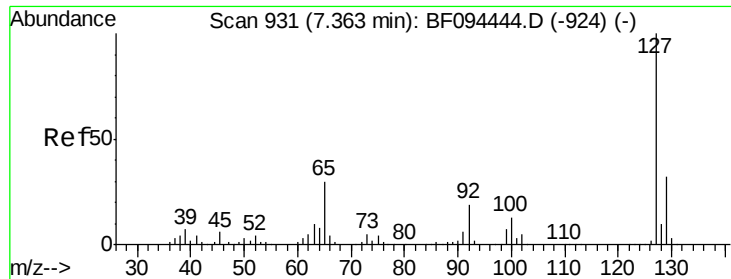
#32
Benzoic acid
Concen: 20.76 ng m
RT: 7.05 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	117.0	103.3	143.3	
77	89.0	73.7	113.7	



Abundance Ion 122.00 (121.70 to 122.70): E
80000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





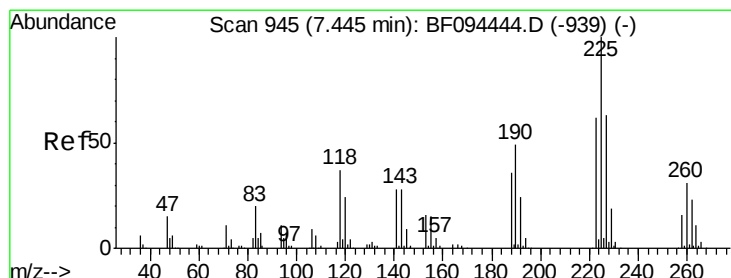
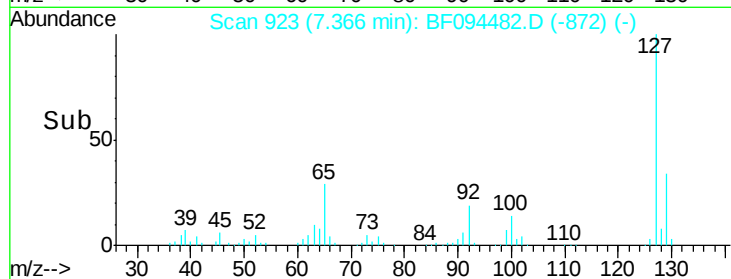
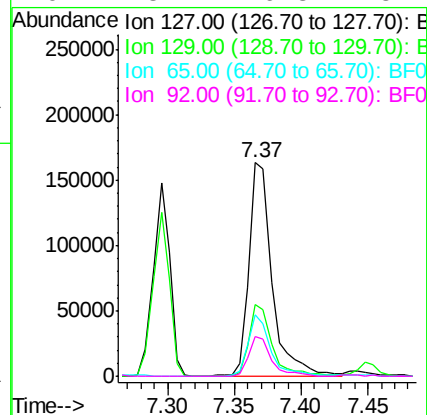
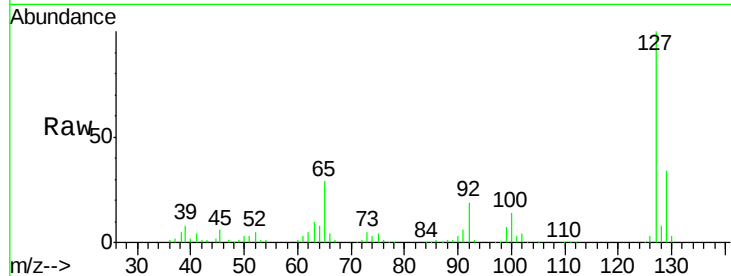
#33
4-Chloroaniline
Concen: 19.94 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.2	39.2		
65	28.6	27.8	41.8		
92	18.7	16.8	25.2		

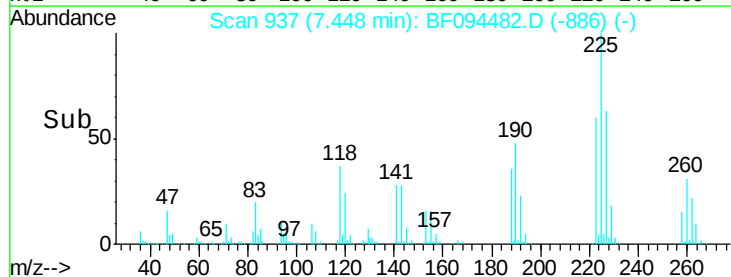
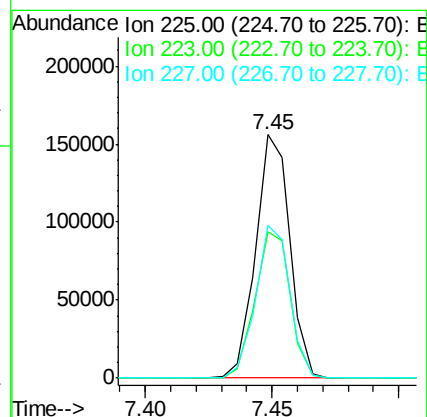
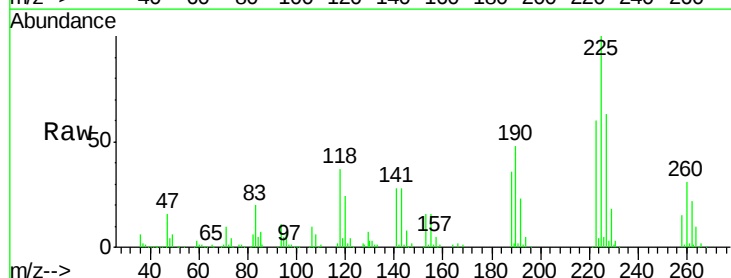
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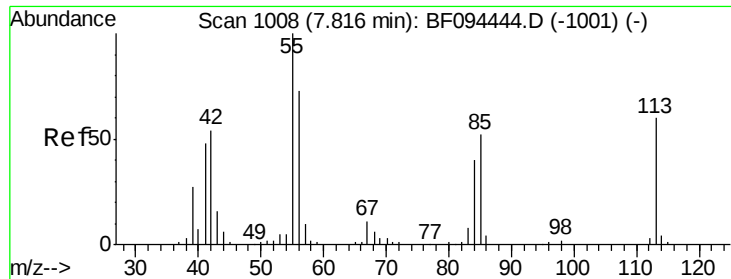
mohammad
4/19/2017 1:27:34 PM



#34
Hexachlorobutadiene
Concen: 41.56 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.0	48.8	73.2		
227	62.9	51.1	76.7		





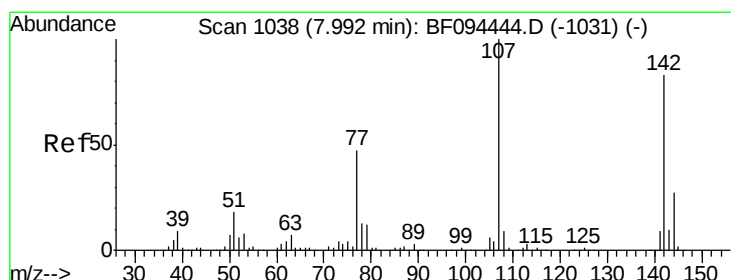
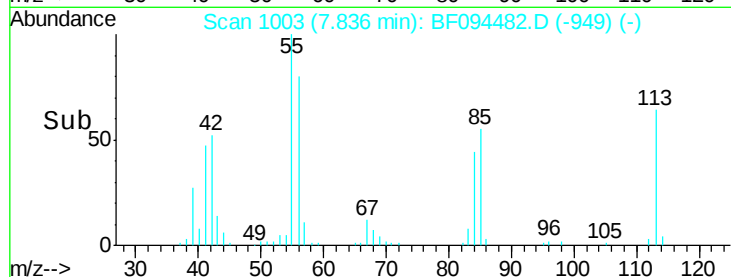
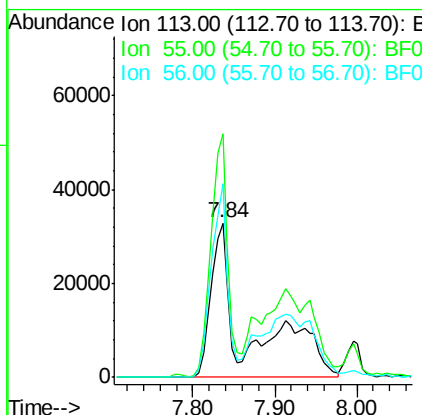
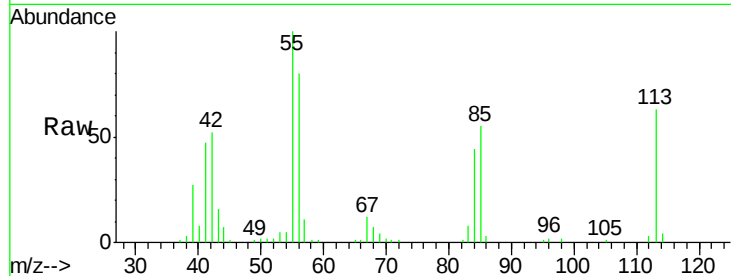
#35
 Caprolactam
 Concen: 46.59 ng/ml
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.02 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		100012		
55	157.8	150.2	190.2		
56	125.9	107.8	147.8		

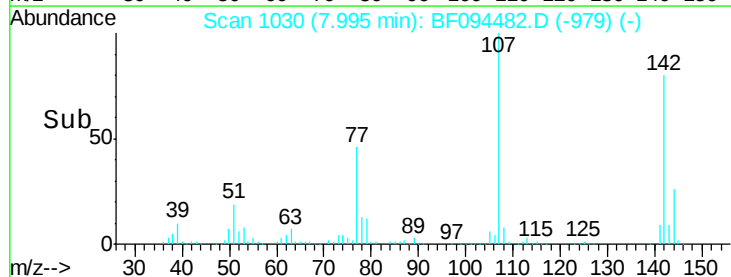
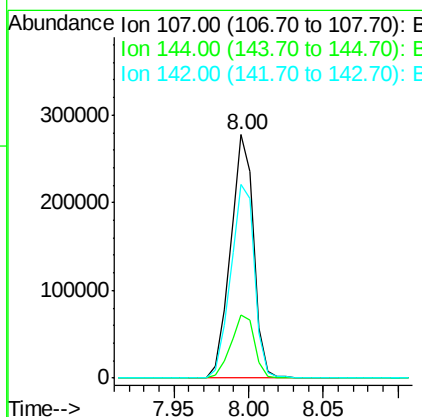
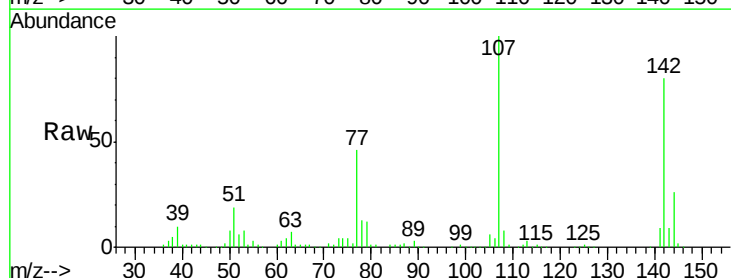
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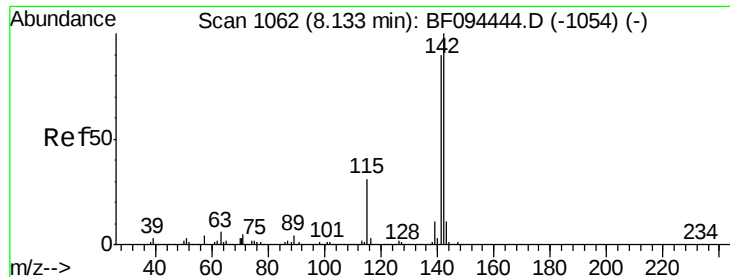
mohammad
 4/19/2017 1:27:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.33 ng/ml
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		303129		
144	26.1	24.2	36.4		
142	79.7	73.4	110.0		





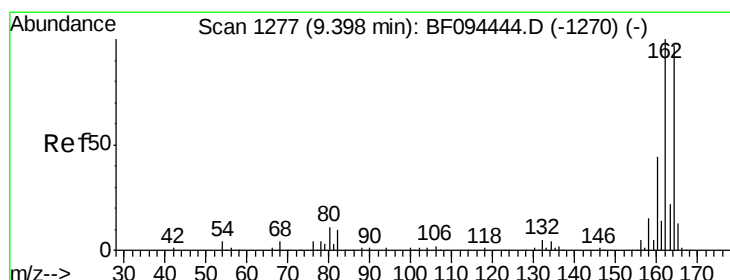
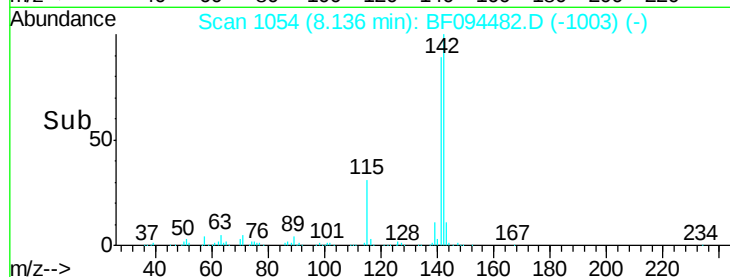
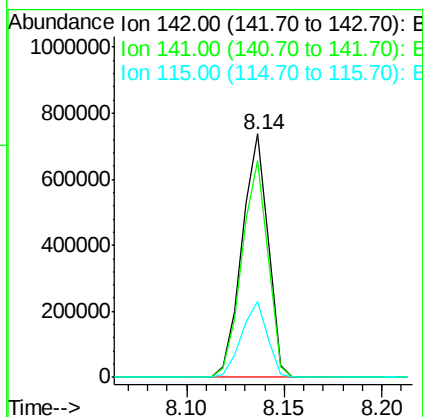
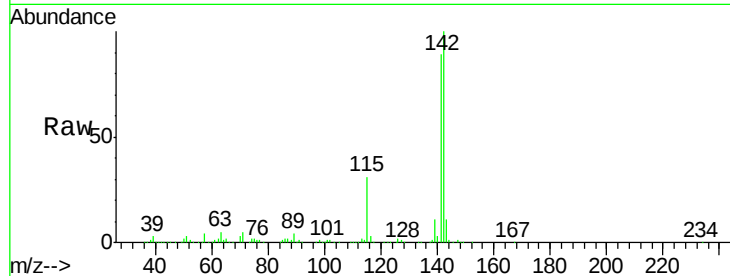
#37
 2-Methylnaphthalene
 Concen: 42.05 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	31.4	27.1	40.7

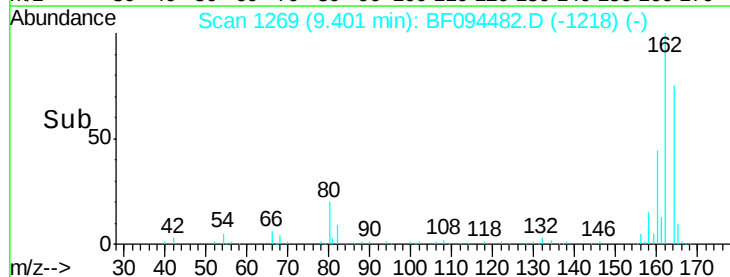
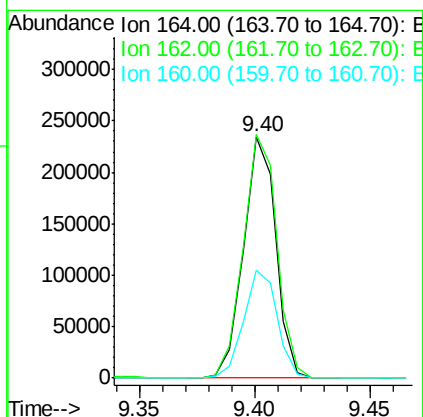
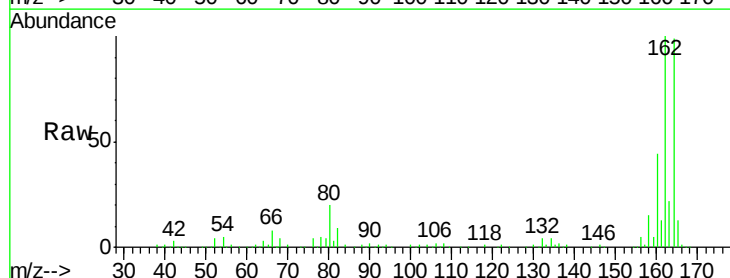
Manual Integrations
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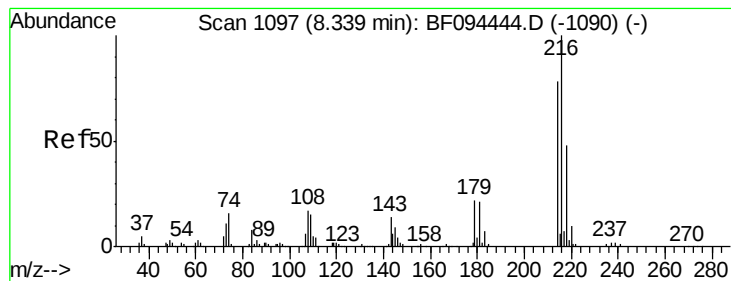
mohammad
 4/19/2017 1:27:34 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	44.8	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.59 ng

RT: 8.34 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

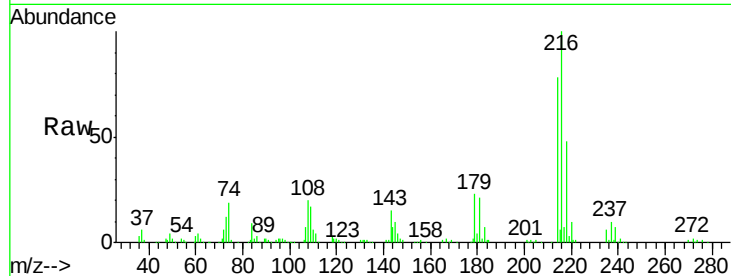
ClientSampleId :

PB98269BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		258456		
214	78.2		63.4	95.2	
179	22.2		17.9	26.9	
108	22.0		16.5	24.7	

Manual Integrations
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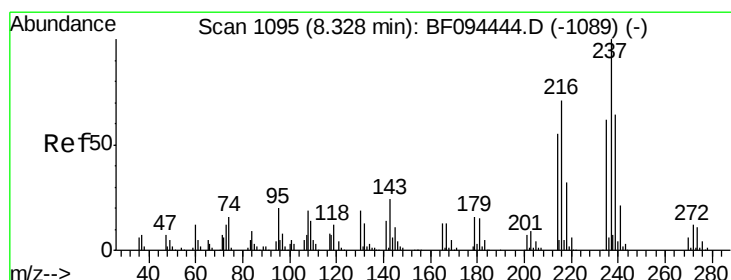
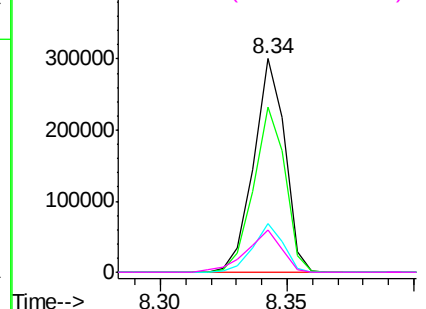
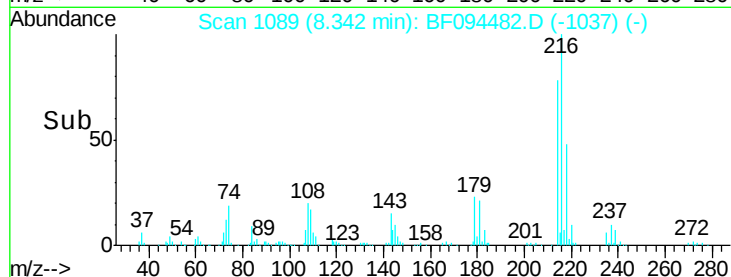


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 96.98 ng

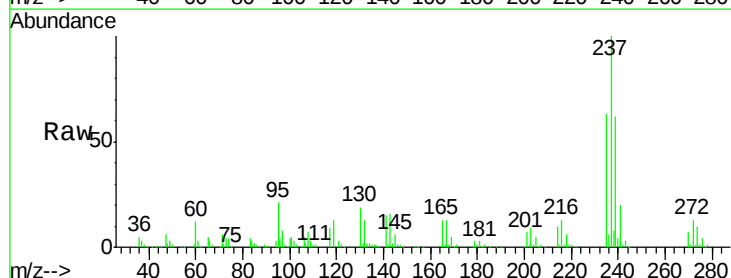
RT: 8.33 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

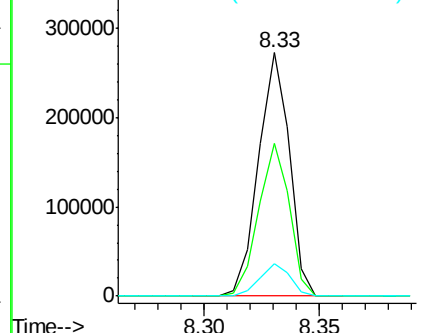
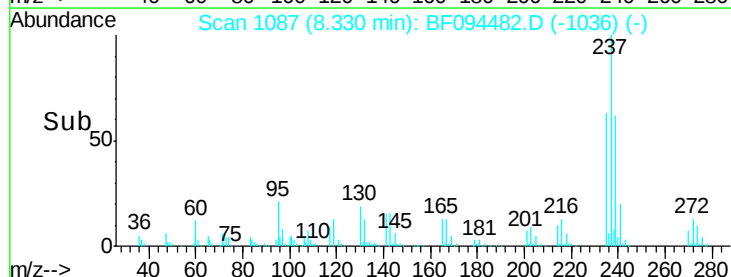
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		256106		
235	62.9		42.6	82.6	
272	13.1		0.0	31.9	

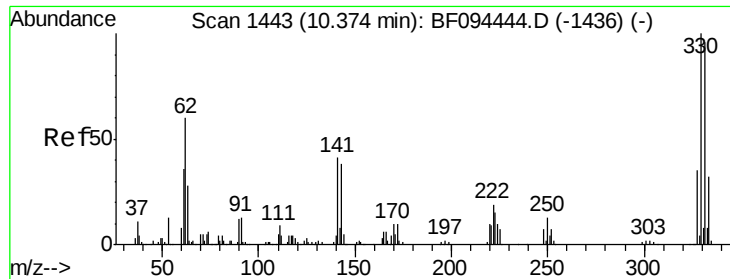


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





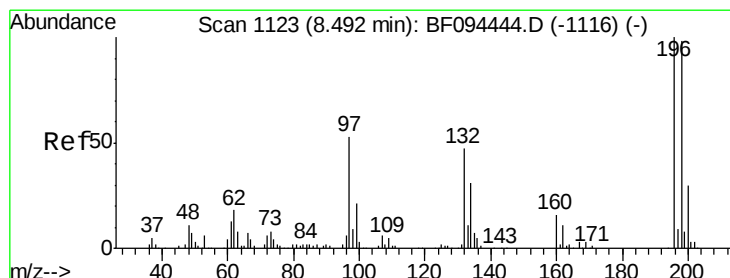
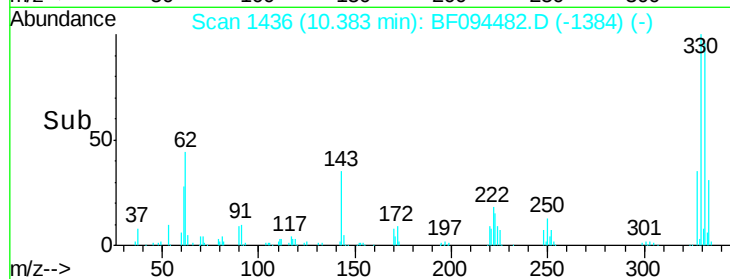
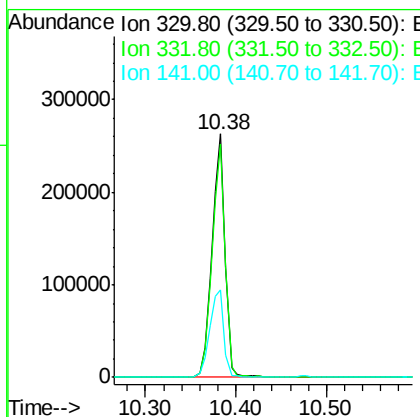
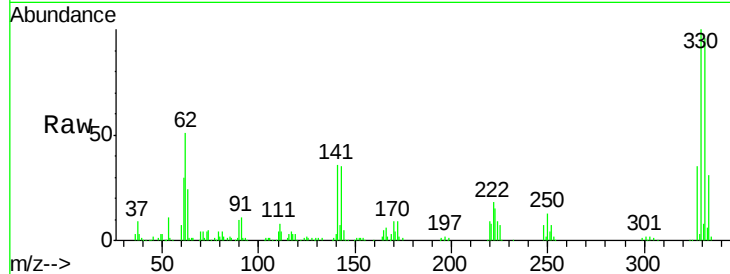
#41
 2,4,6-Tribromophenol
 Concen: 148.18 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	265703		
332	96.4		76.6	115.0
141	39.1		31.4	47.2

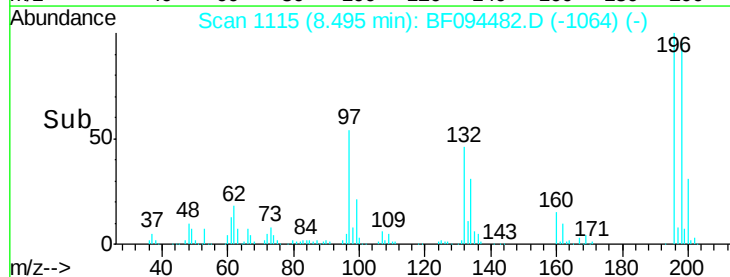
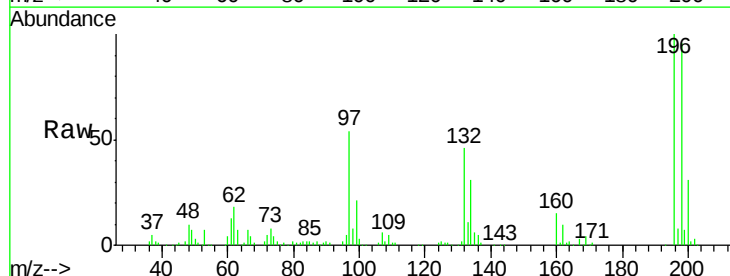
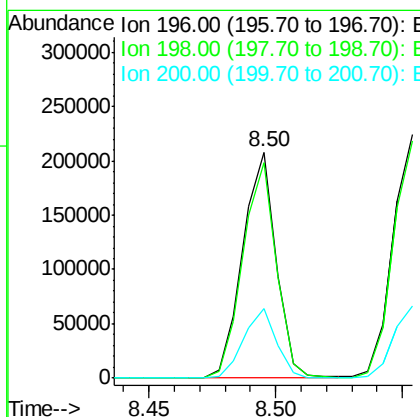
Manual Integrations
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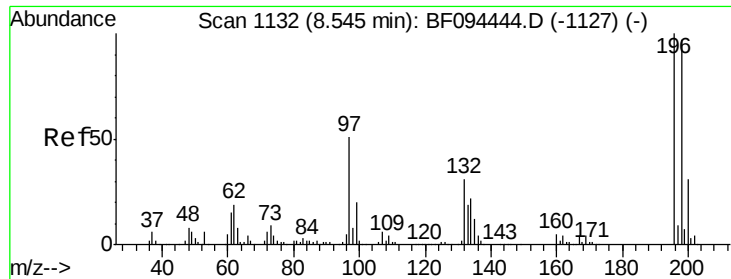
mohammad
 4/19/2017 1:27:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.83 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191775		
198	95.6		74.2	111.4
200	30.8		24.0	36.0





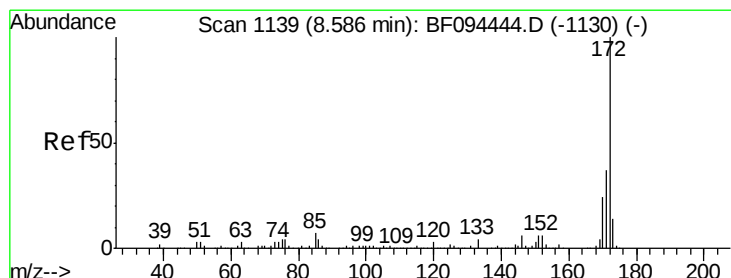
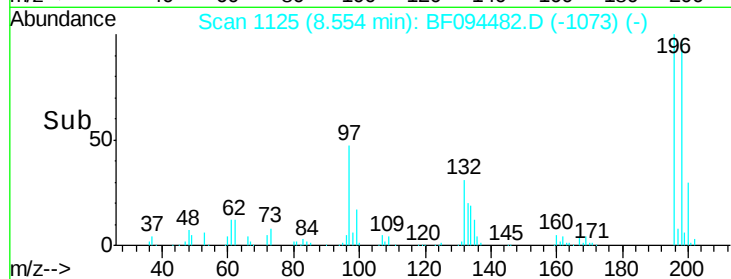
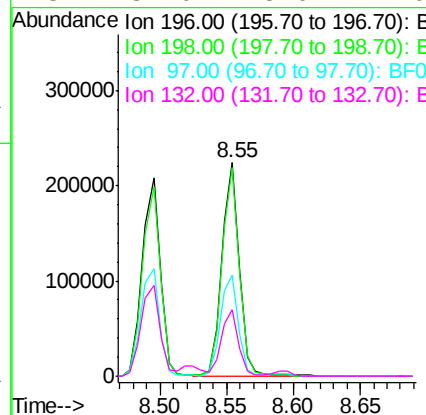
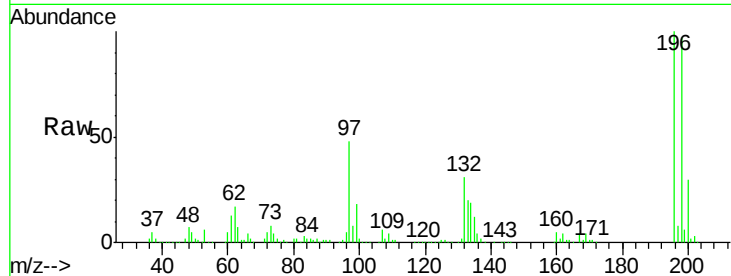
#43
 2,4,5-Trichlorophenol
 Concen: 44.11 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207656		
198	97.5	75.7	113.5	
97	47.5	47.7	71.5	
132	31.0	28.0	42.0	

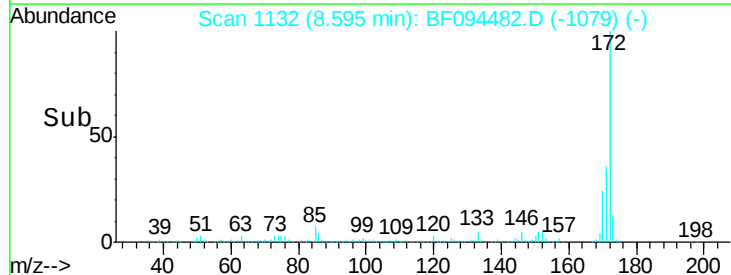
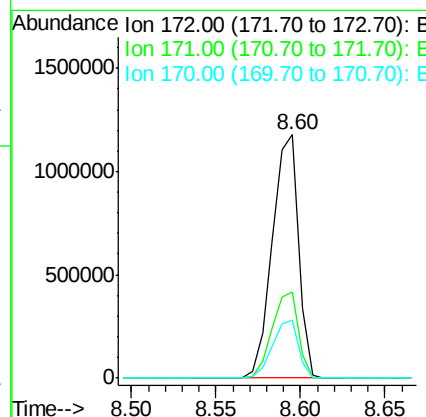
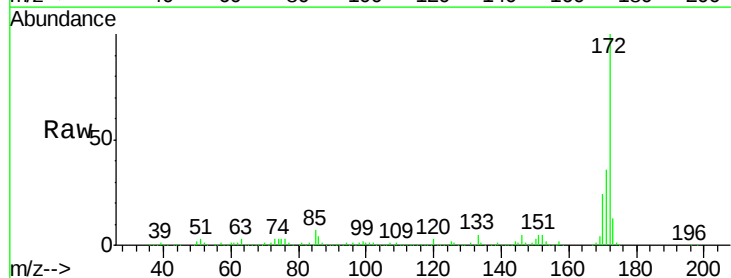
Manual Integrations
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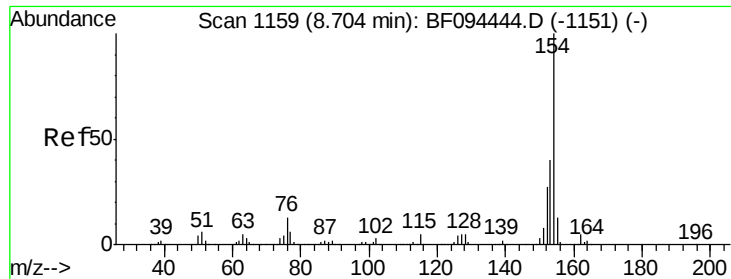
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 80.35 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1251866		
171	35.7	29.6	44.4	
170	23.7	19.8	29.8	





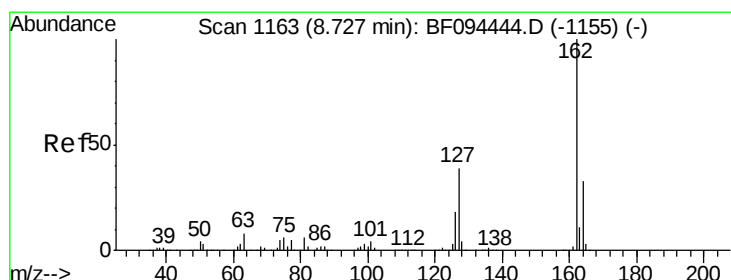
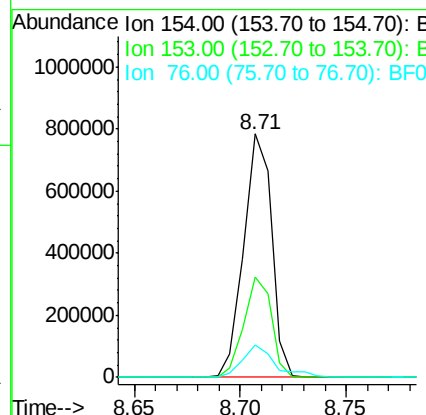
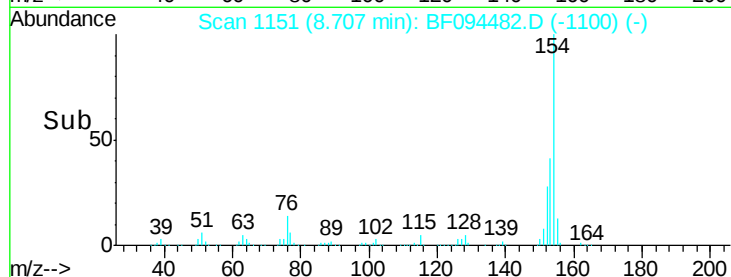
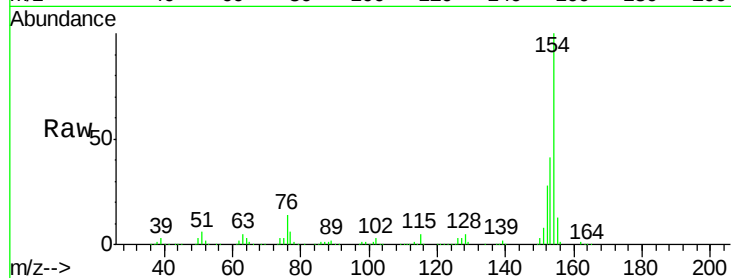
#45
 1,1'-Biphenyl
 Concen: 38.22 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	41.1	21.2	61.2		
76	13.6	0.0	29.9		

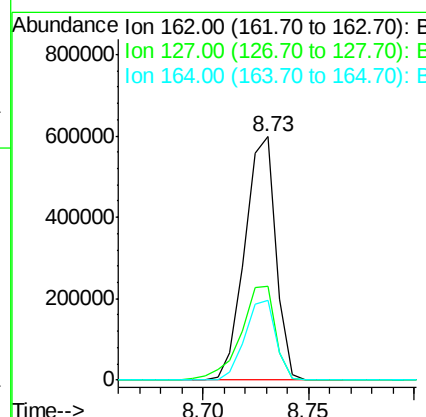
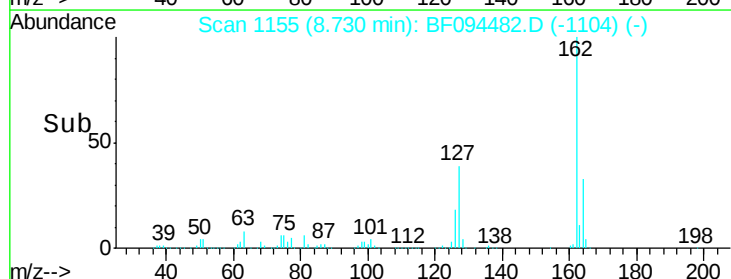
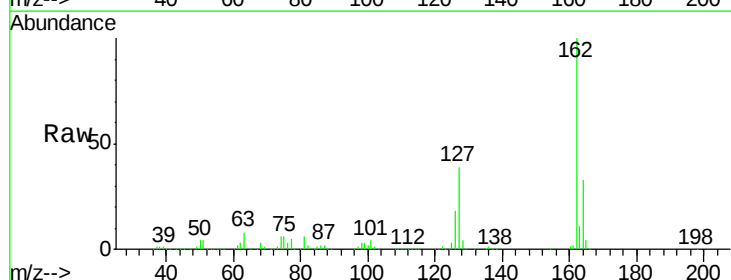
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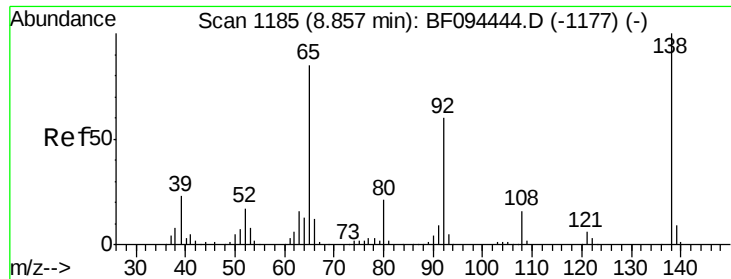
mohammad
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#46
 2-Chloronaphthalene
 Concen: 40.80 ng
 RT: 8.73 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	38.5	28.3	42.5		
164	32.9	27.0	40.4		





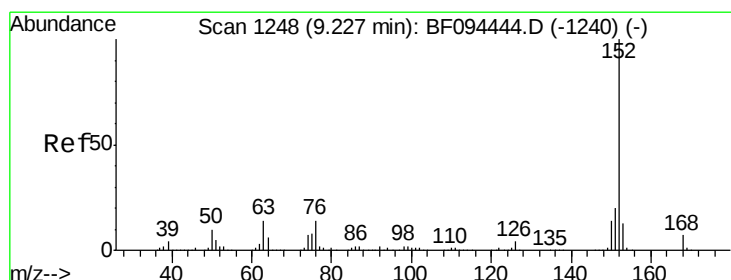
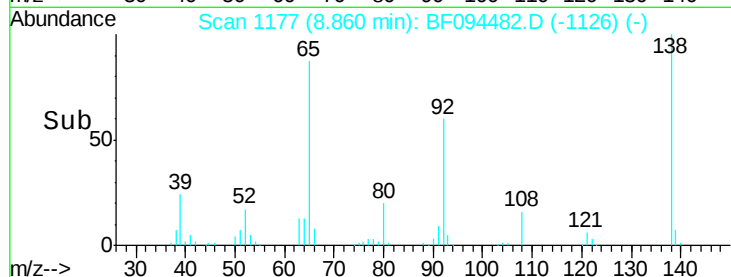
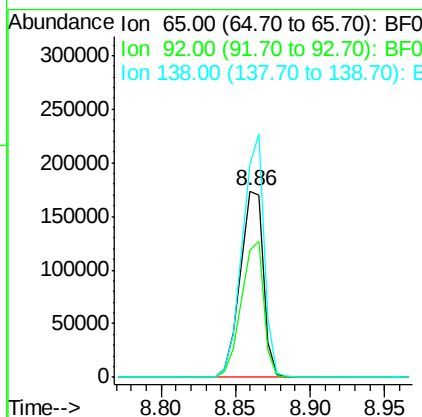
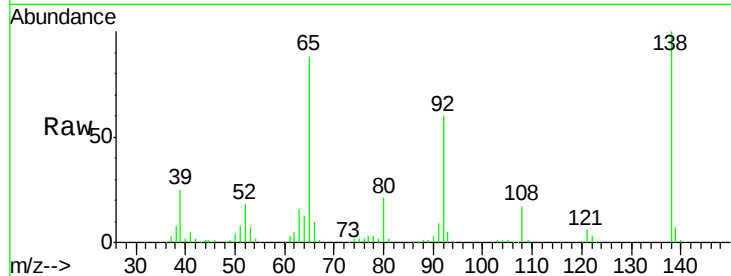
#47
2-Nitroaniline
Concen: 43.76 ng
RT: 8.86 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.9	80.9
138	114.2	78.8	118.2

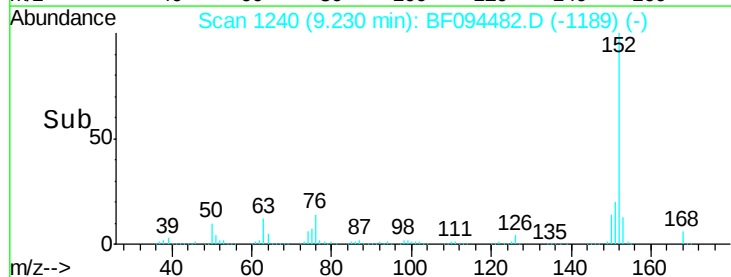
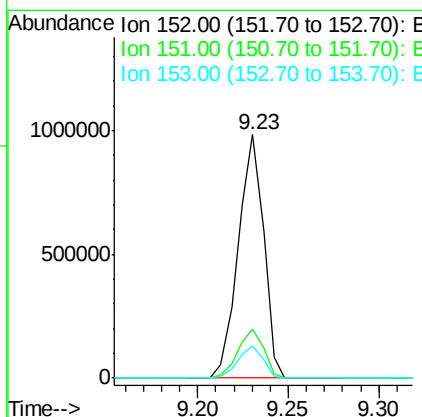
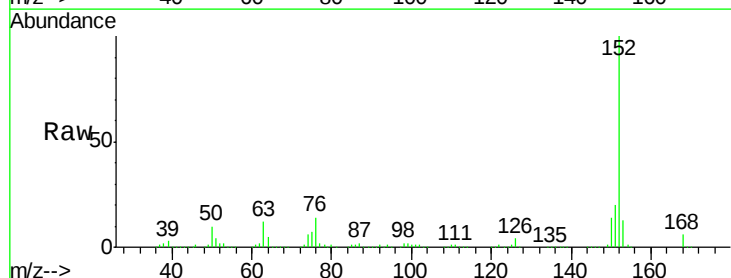
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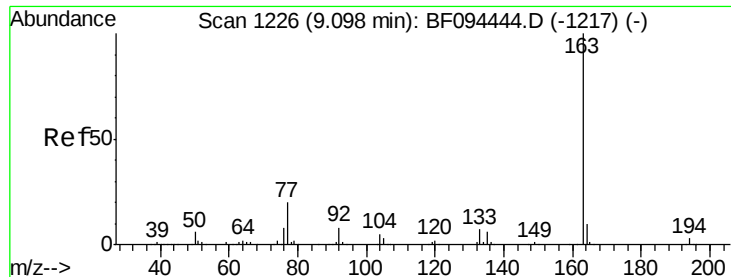
mohammad
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#48
Acenaphthylene
Concen: 41.09 ng
RT: 9.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.2	10.8	16.2





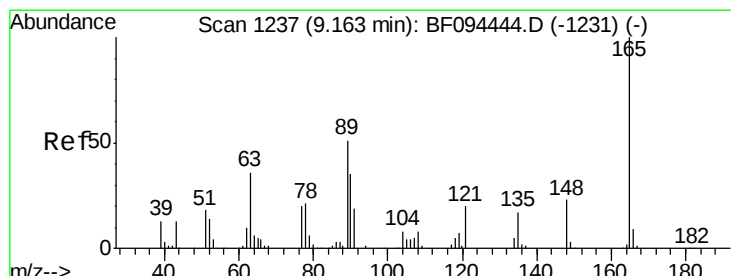
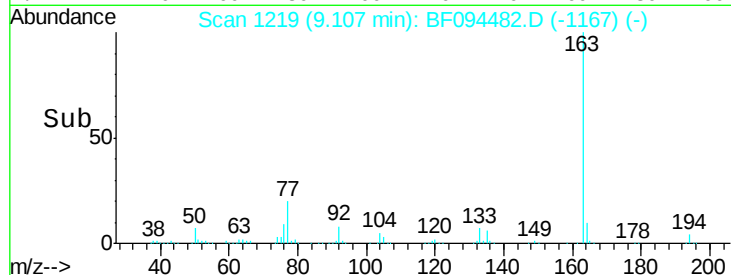
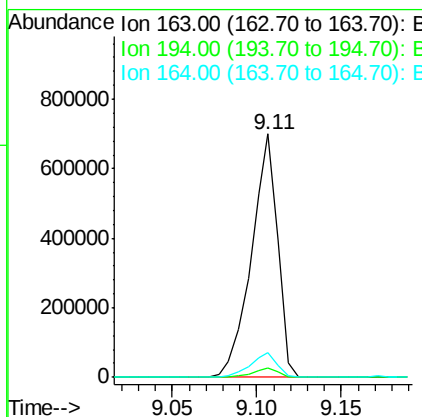
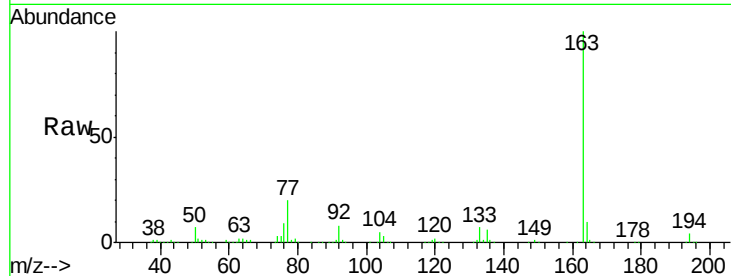
#49
Dimethylphthalate
Concen: 44.35 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion:	163	Resp:	757702
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.6	4.0
164	10.4	8.4	12.6

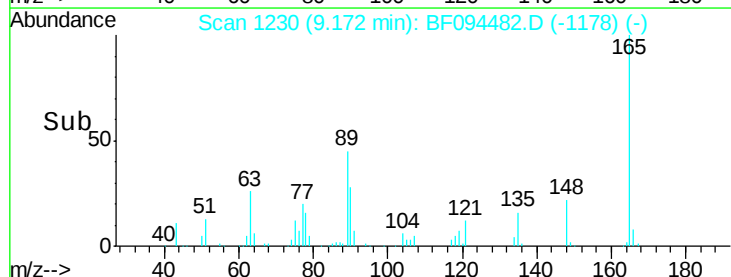
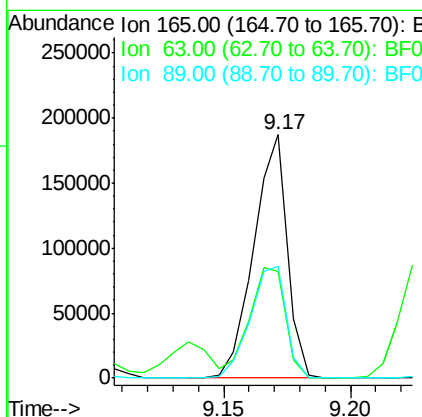
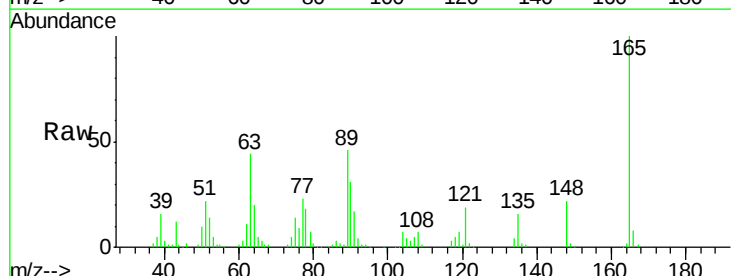
Manual Integrations
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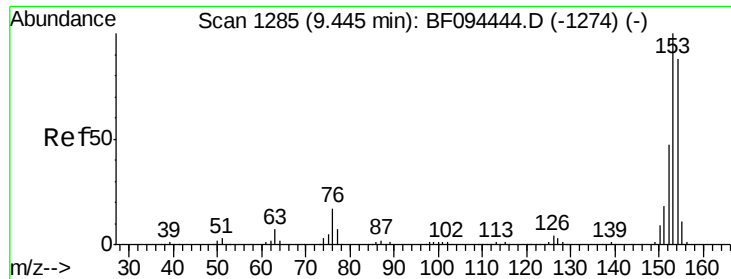
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.75 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion:	165	Resp:	171616
Ion Ratio	Lower	Upper	
165	100		
63	44.0	34.3	51.5
89	45.7	37.1	55.7





#51

Acenaphthene

Concen: 41.61 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

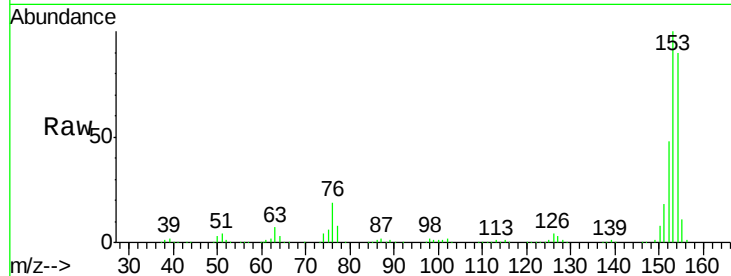
ClientSampleId :

PB98269BS

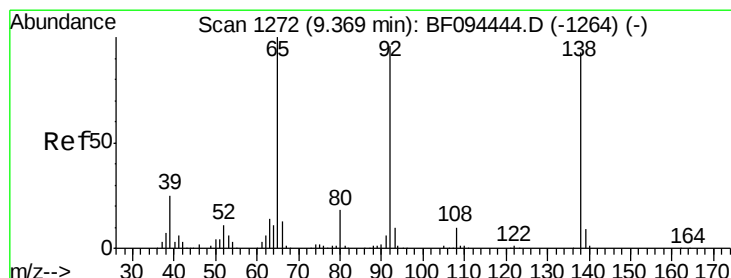
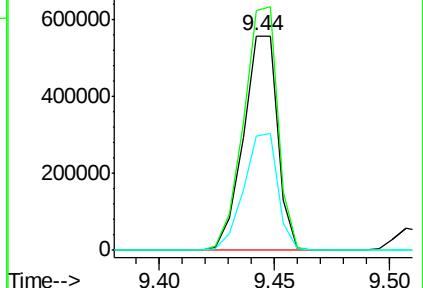
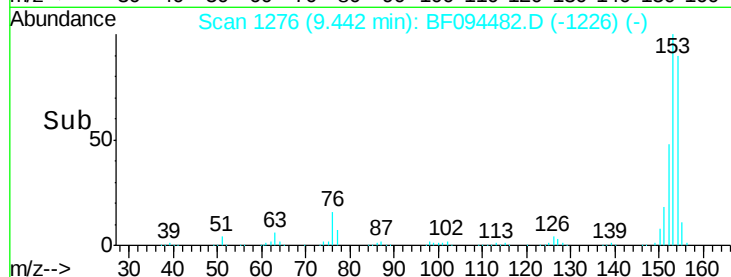
Tot Ion:	154	Resp:	578659
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.5	135.7
152	53.5	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.95 ng

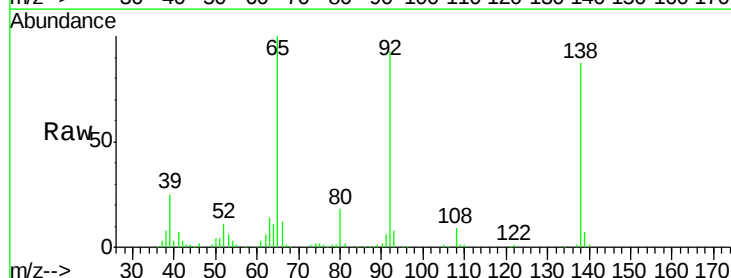
RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

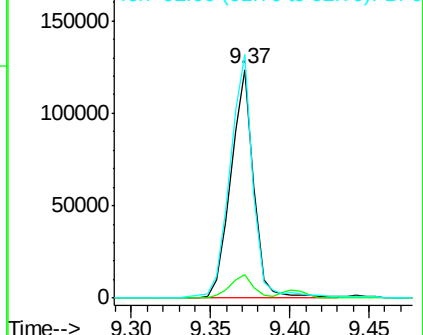
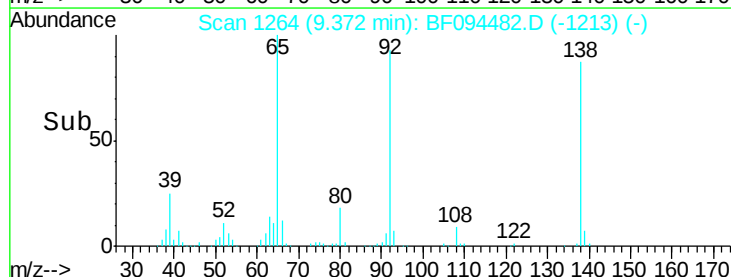
Lab File: BF094482.D

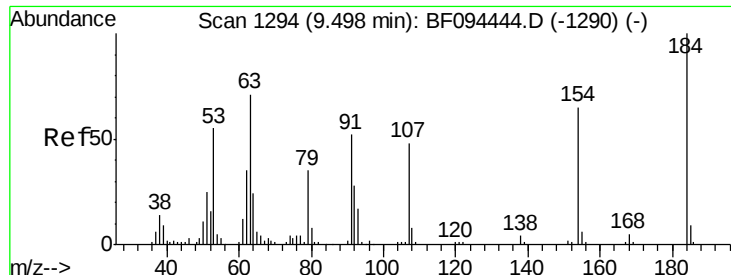
Acq: 18 Apr 2017 13:03

Tgt Ion:	138	Resp:	124024
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	106.4	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





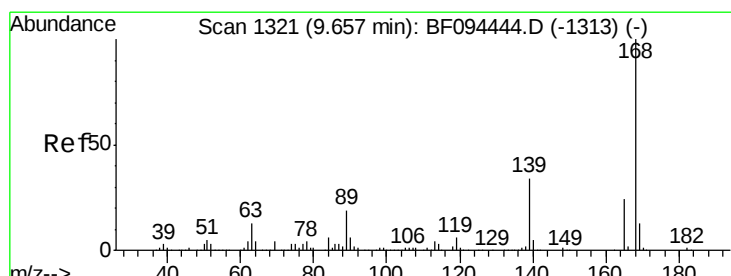
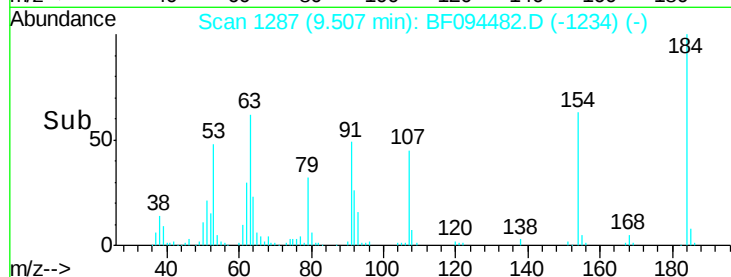
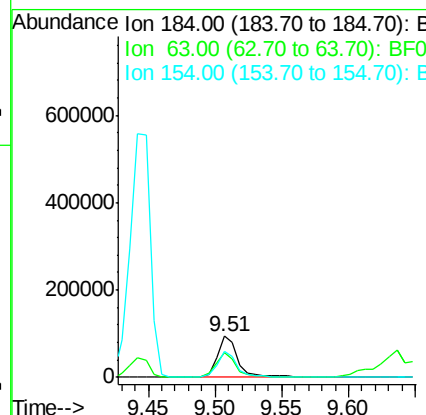
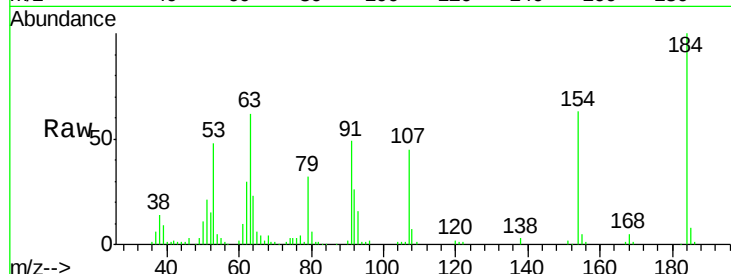
#53
 2,4-Dinitrophenol
 Concen: 52.88 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.5	62.7	94.1#	
154	62.8	81.1	121.7#	

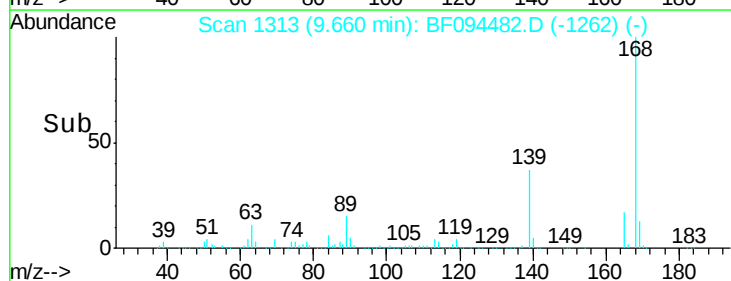
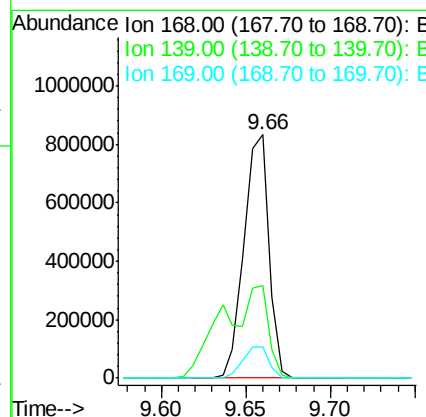
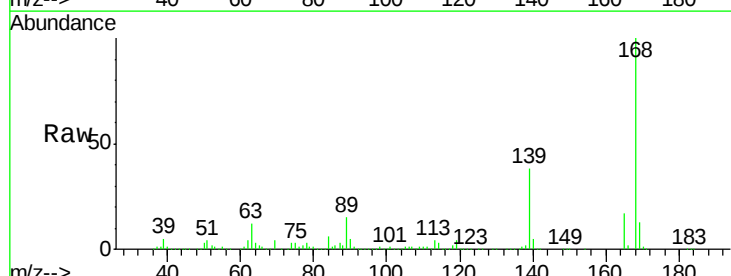
Manual Integrations
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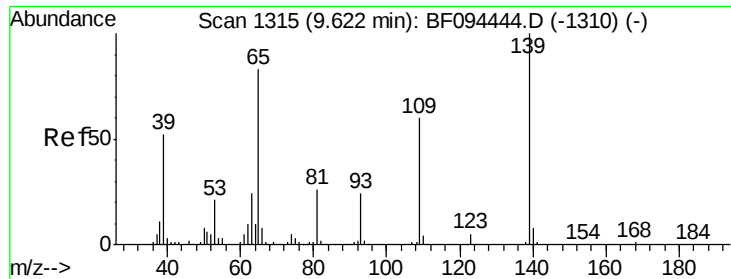
mohammad
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#54
 Dibenzofuran
 Concen: 42.51 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.8	30.6	45.8	
169	12.9	10.8	16.2	





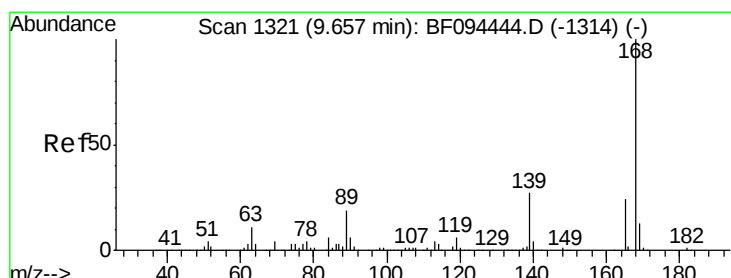
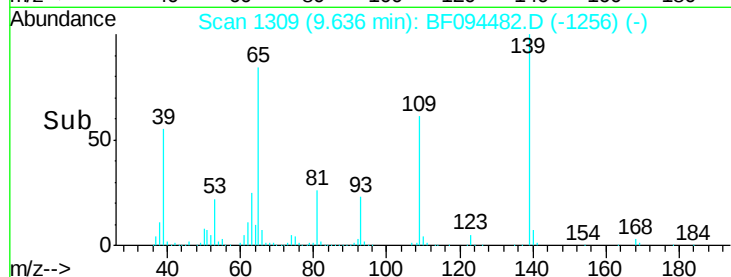
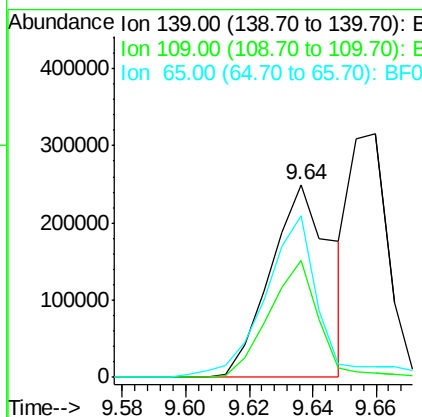
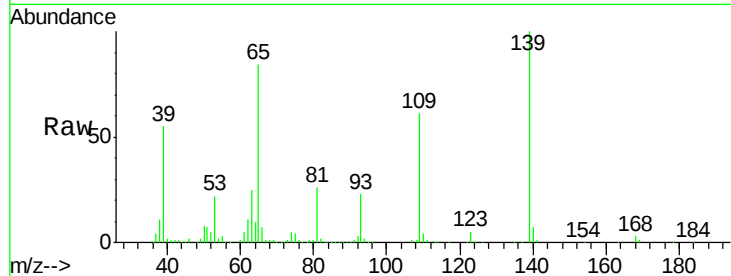
#55
4-Nitrophenol
Concen: 107.04 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.8	34.1	74.1	
65	84.0	31.4	71.4	

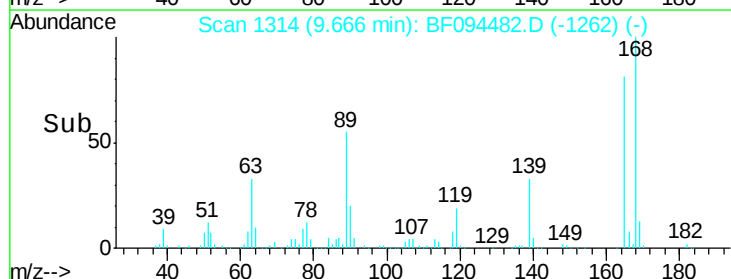
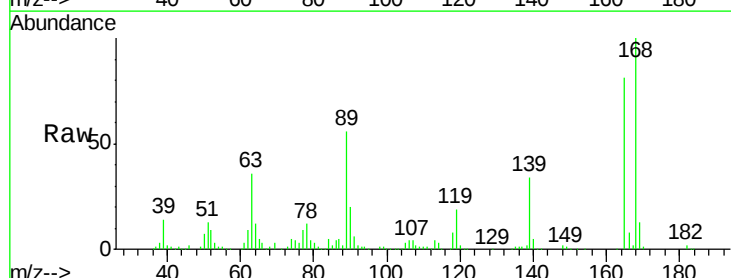
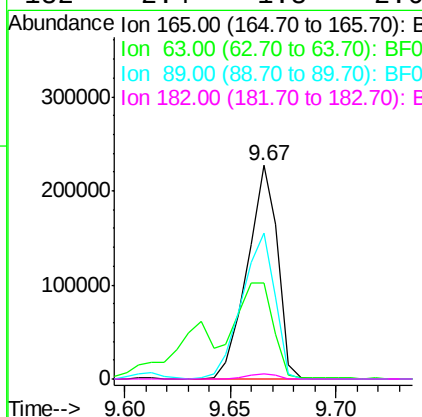
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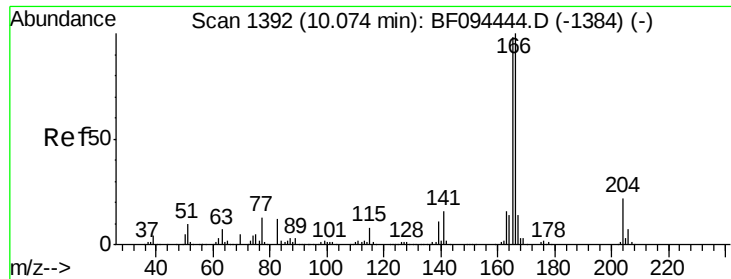
mohammad
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#56
2,4-Dinitrotoluene
Concen: 47.83 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.8	25.4	38.0	
89	68.4	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 45.08 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

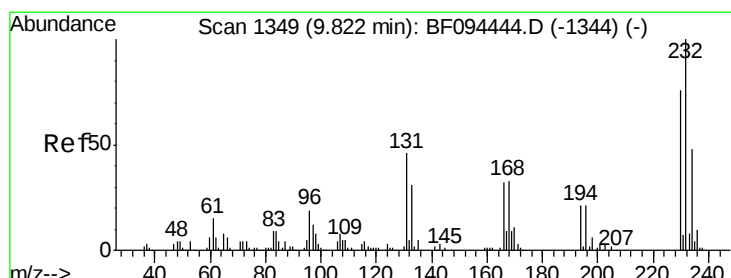
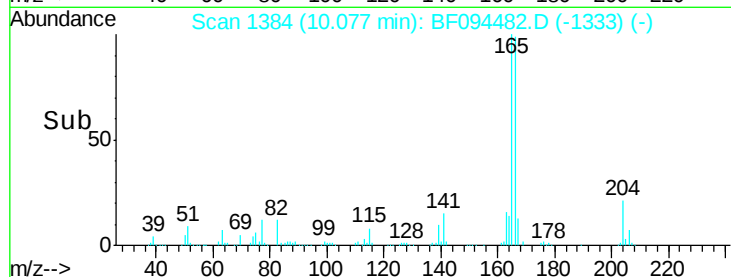
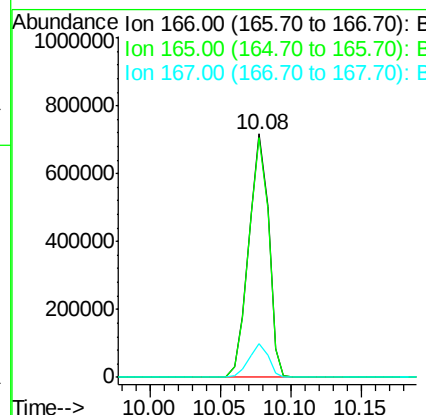
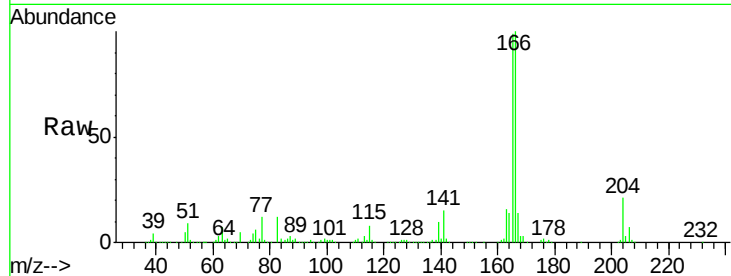
ClientSampleId :

PB98269BS

Tot Ion:	166	Resp:	709507
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.8	118.2
167	13.7	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.14 ng

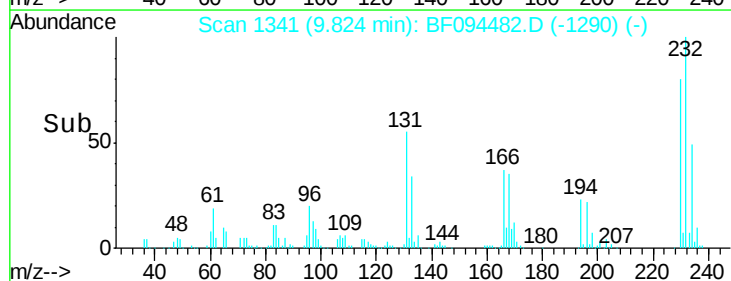
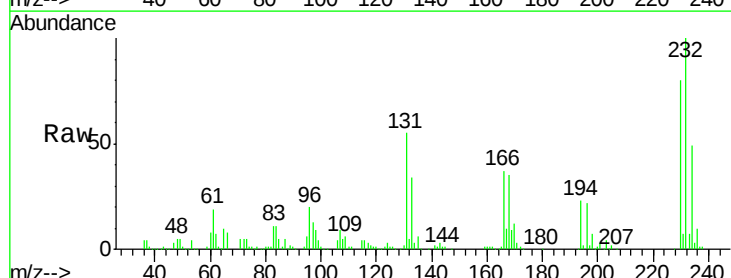
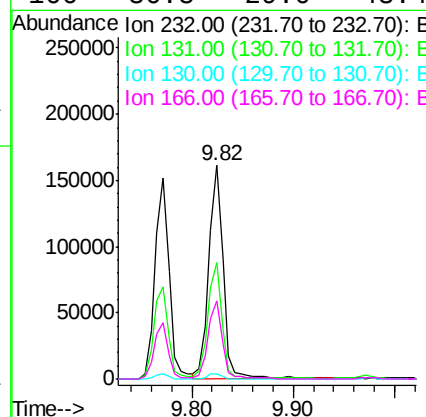
RT: 9.82 min Scan# 1341

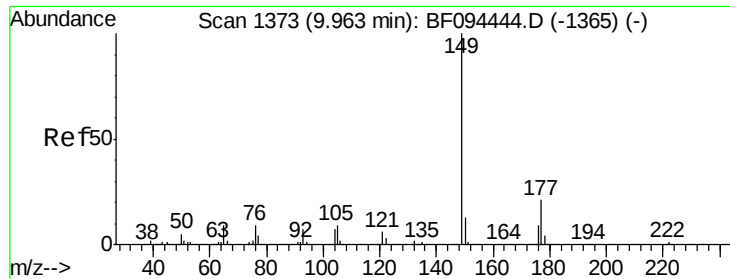
Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion:	232	Resp:	159068
Ion Ratio	Lower	Upper	
232	100		
131	53.4	44.8	67.2
130	2.6	2.3	3.5
166	36.8	29.0	43.4





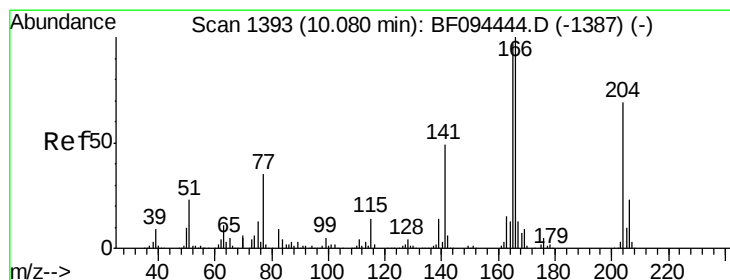
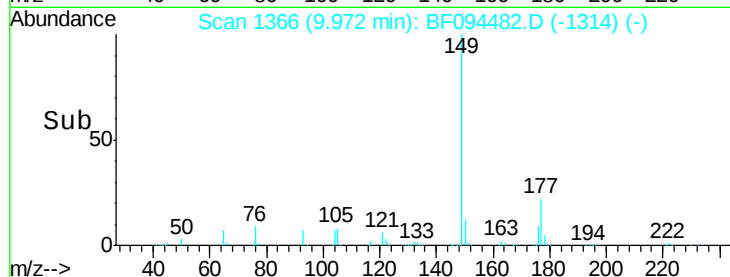
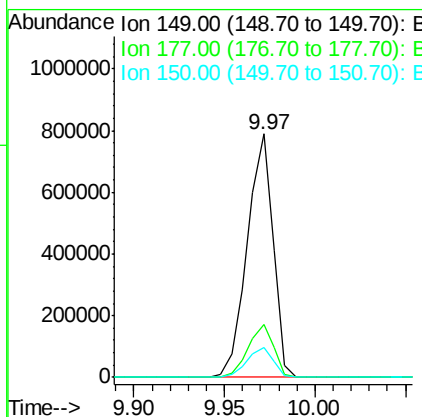
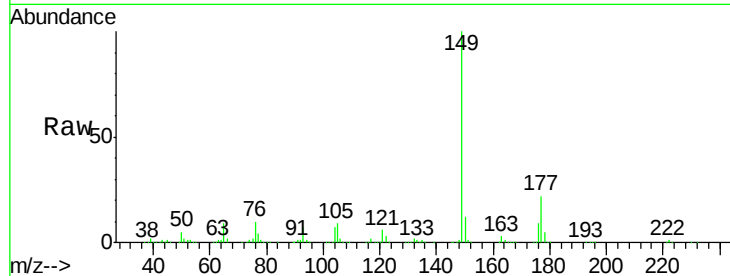
#59
Diethylphthalate
Concen: 48.52 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampled :
PB98269BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.3	10.2	15.2

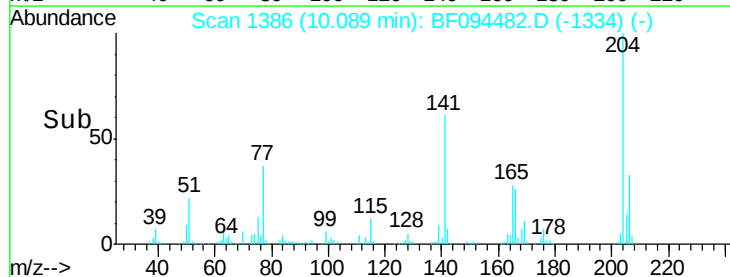
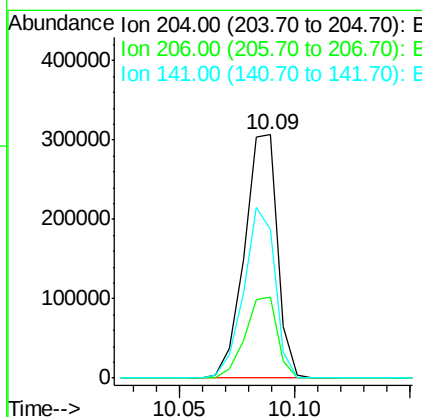
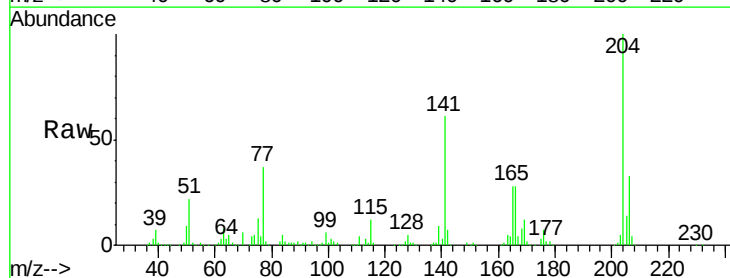
Manual Integrations
APPROVED

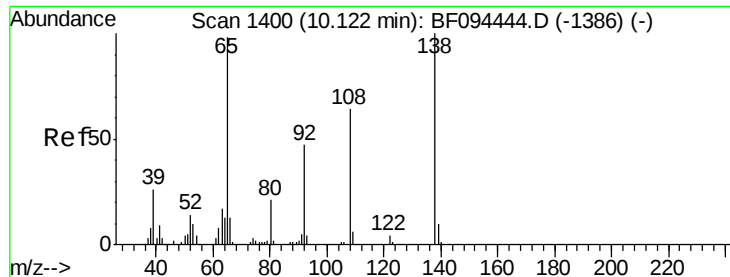
mohammad
4/19/2017 1:27:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.81 ng
RT: 10.09 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	61.1	60.8	91.2





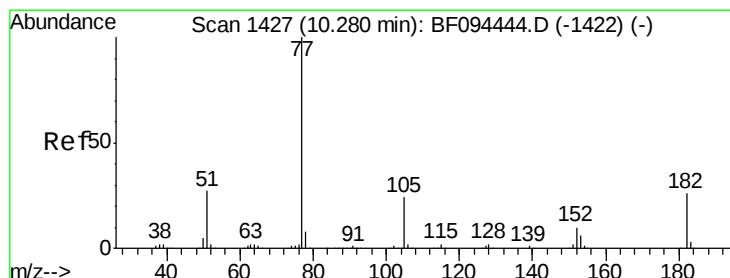
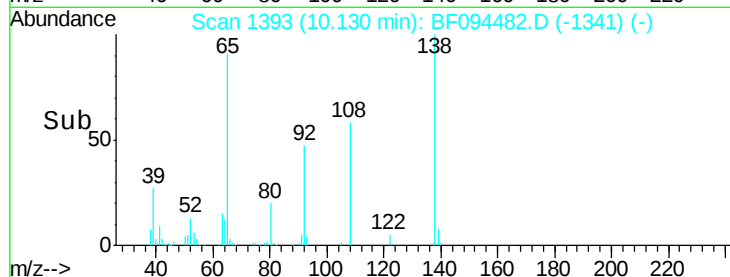
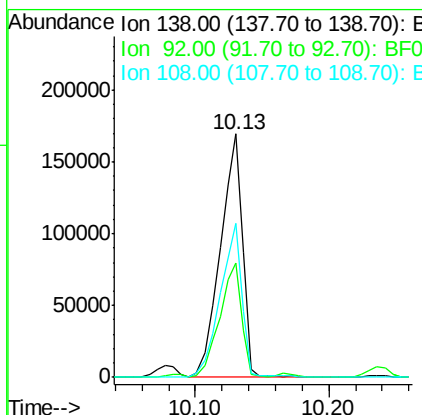
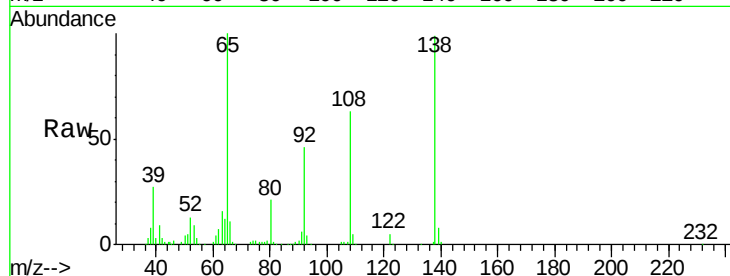
#61
4-Nitroaniline
Concen: 44.05 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	198667		
92	46.8	21.8	61.8	
108	63.4	42.3	82.3	

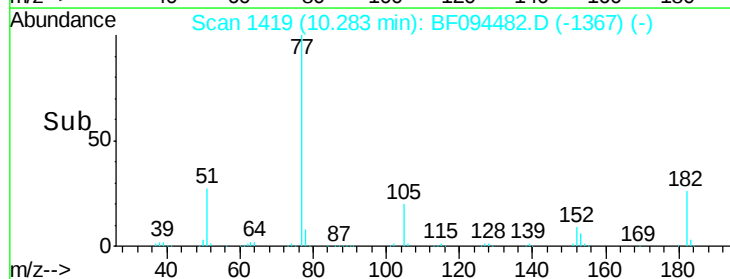
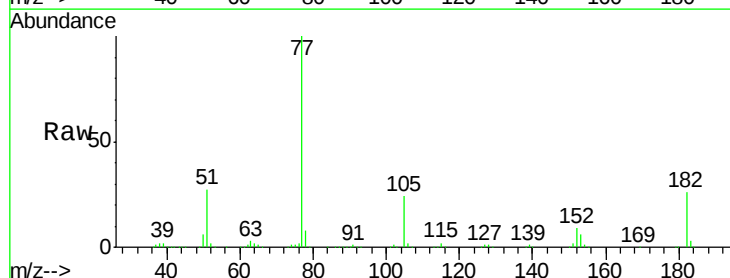
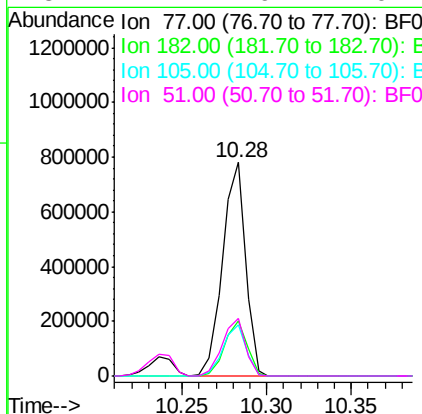
Manual Integrations
APPROVED

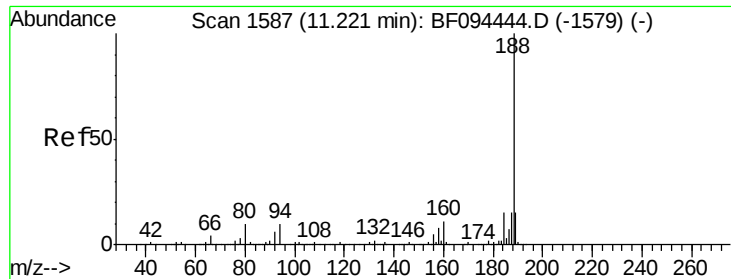
mohammad
4/19/2017 1:27:34 PM



#62
Azobenzene
Concen: 47.32 ng
RT: 10.28 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	740631		
182	25.8	0.1	40.1	
105	24.0	3.6	43.6	
51	27.1	9.4	49.4	





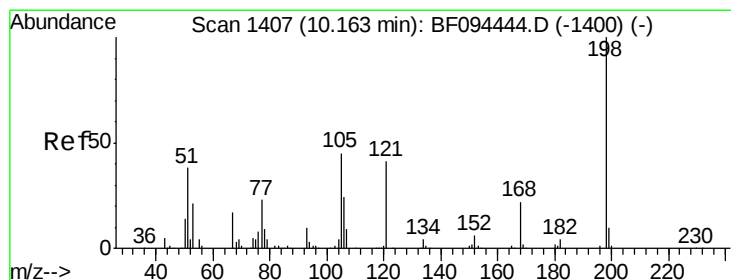
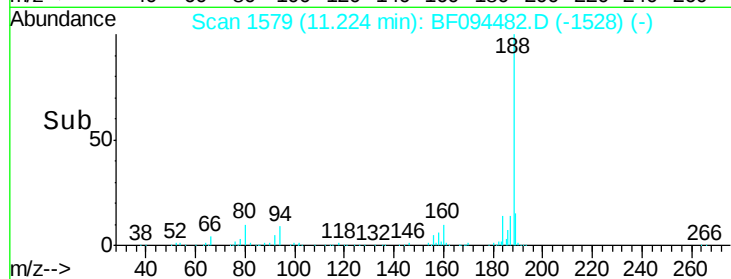
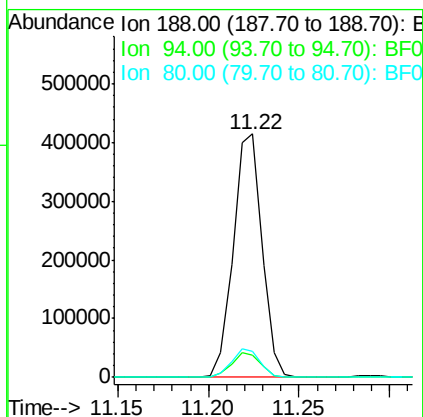
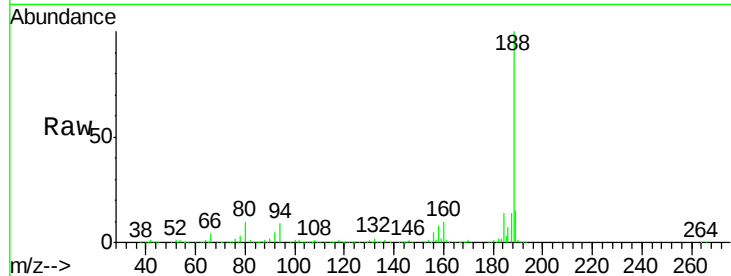
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	456504		
94	9.3		9.4	14.2#
80	10.5		10.2	15.2

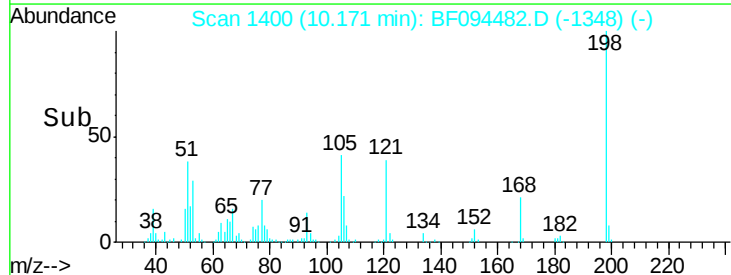
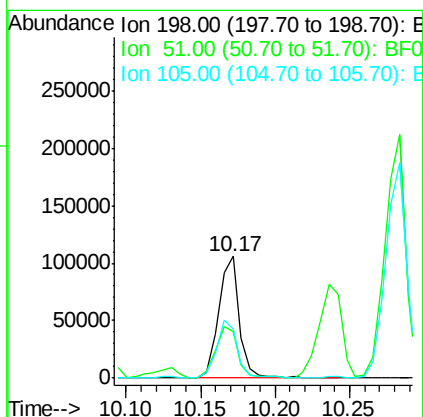
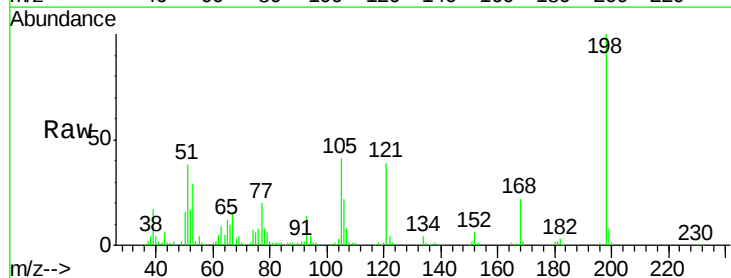
Manual Integrations
APPROVED

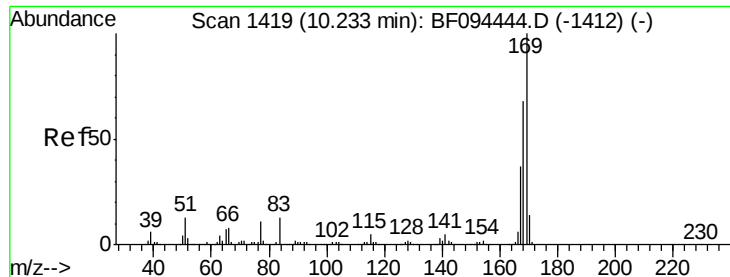
mohammad
4/19/2017 1:27:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.73 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	103866		
51	38.3		53.2	93.2#
105	40.6		45.8	85.8#





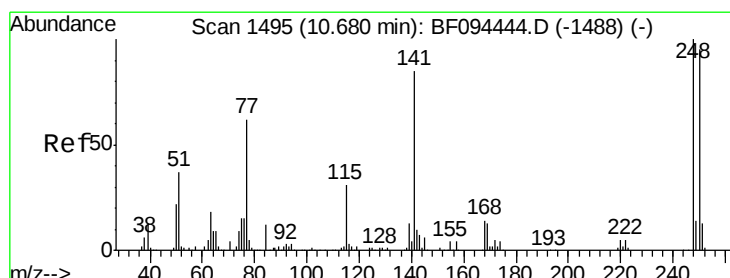
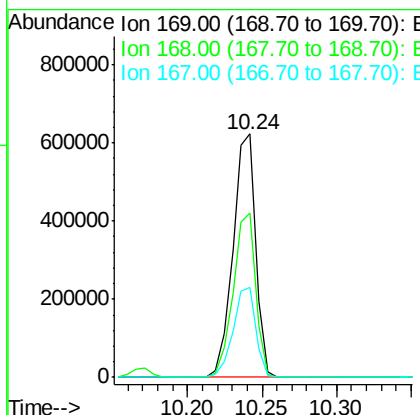
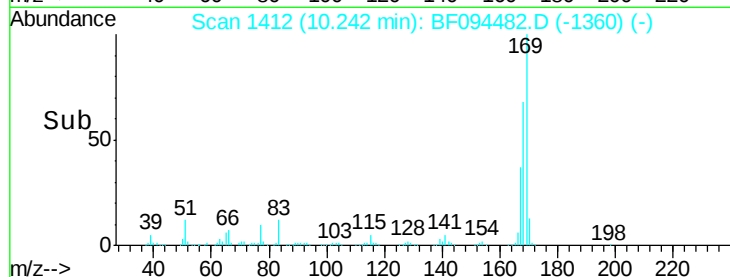
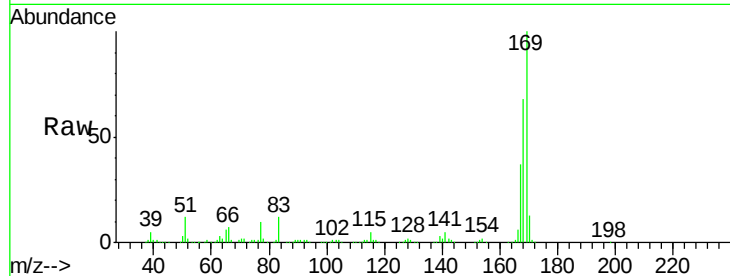
#65
n-Nitrosodiphenylamine
Concen: 42.03 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	667280		
168	67.6	53.2	79.8	
167	37.1	29.5	44.3	

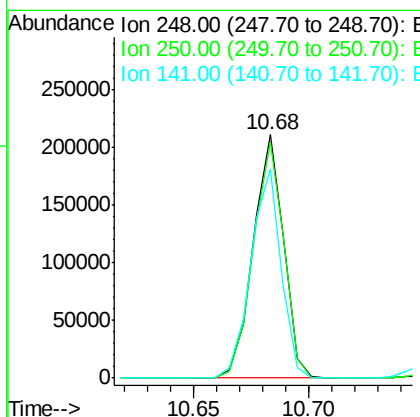
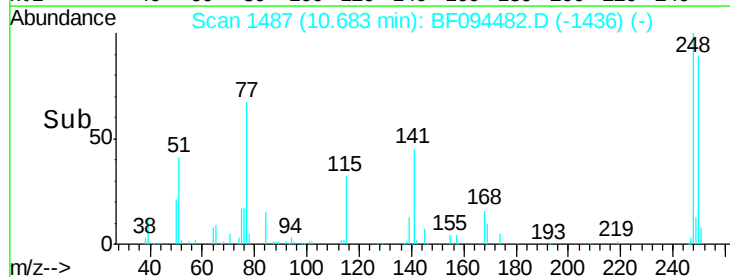
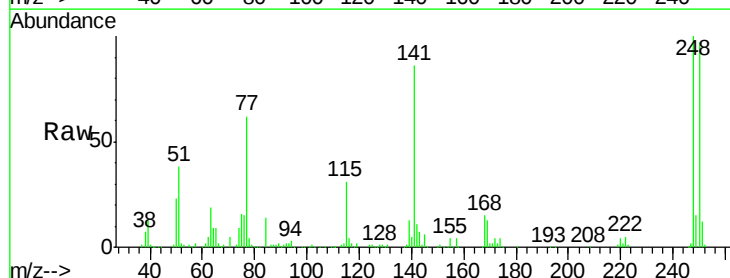
Manual Integrations
APPROVED

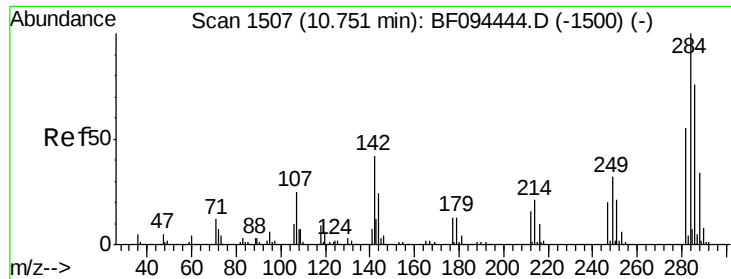
mohammad
4/19/2017 1:27:34 PM



#66
4-Bromophenyl-phenylether
Concen: 42.42 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	192265		
250	97.0	76.8	115.2	
141	86.0	68.6	103.0	





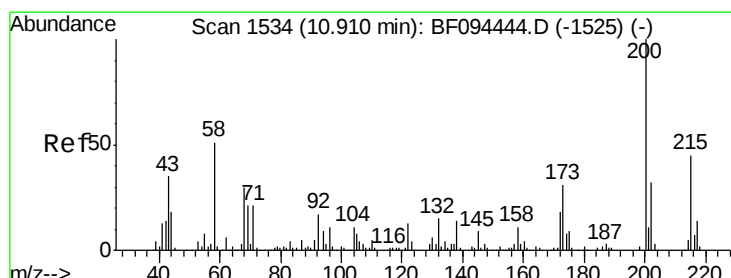
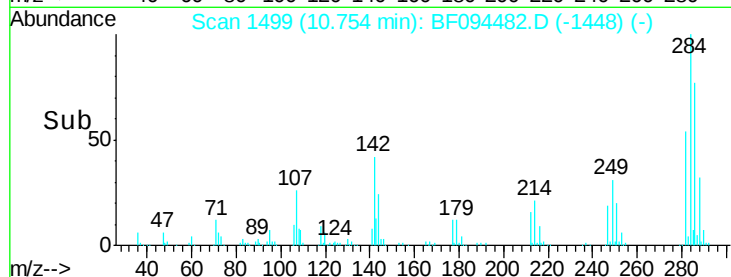
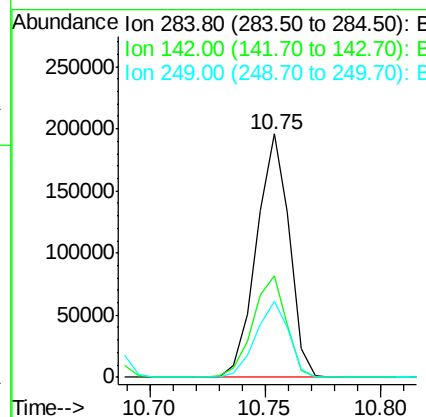
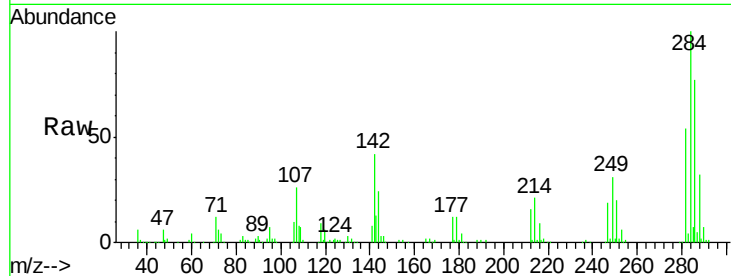
#67
Hexachlorobenzene
Concen: 42.34 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampled :
PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	193429		
142	41.8	22.8	34.2	#
249	31.4	24.0	36.0	

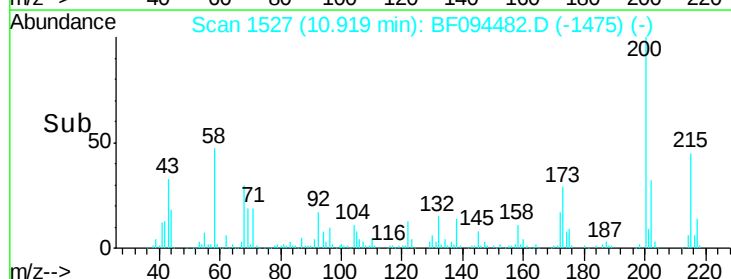
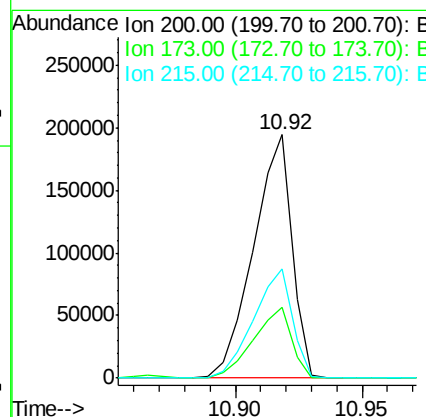
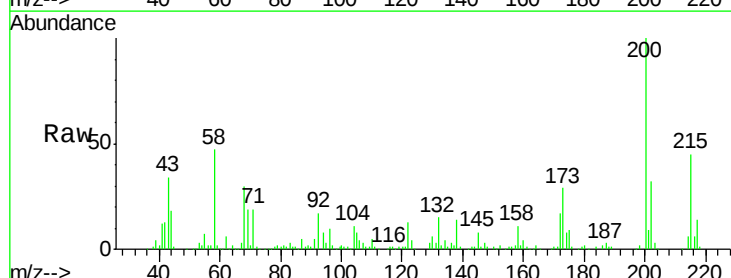
Manual Integrations
APPROVED

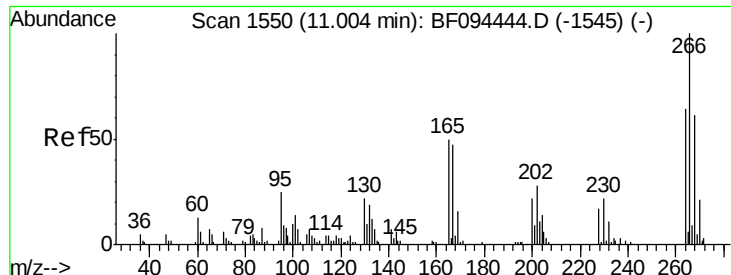
mohammad
4/19/2017 1:27:34 PM



#68
Atrazine
Concen: 43.49 ng
RT: 10.92 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	206547		
173	29.0	6.3	46.3	
215	45.0	27.2	67.2	





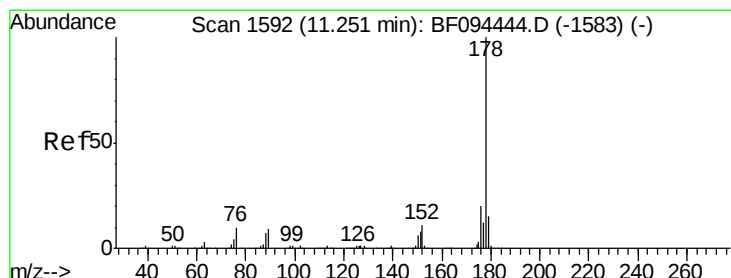
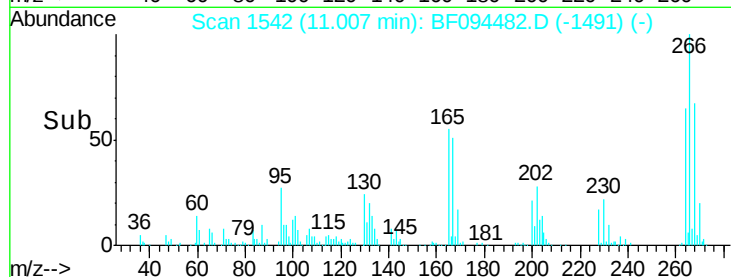
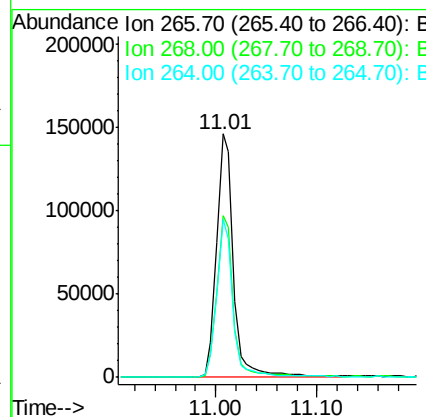
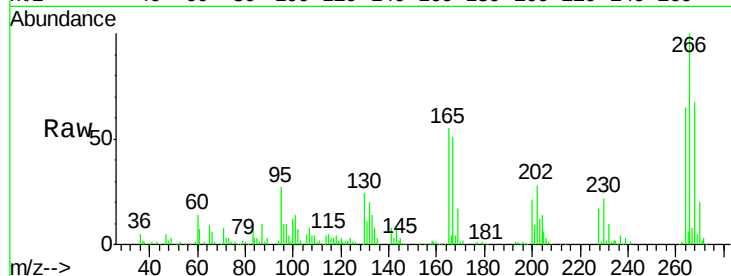
#69
 Pentachlorophenol
 Concen: 94.27 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	65.0	51.7	77.5

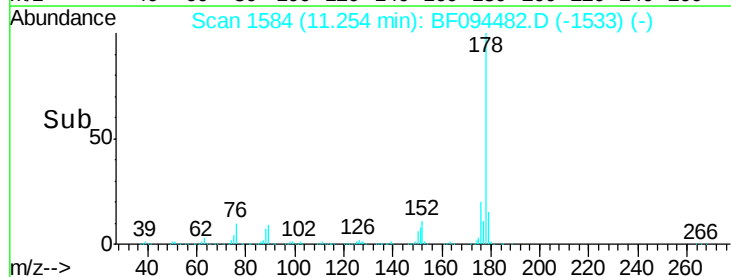
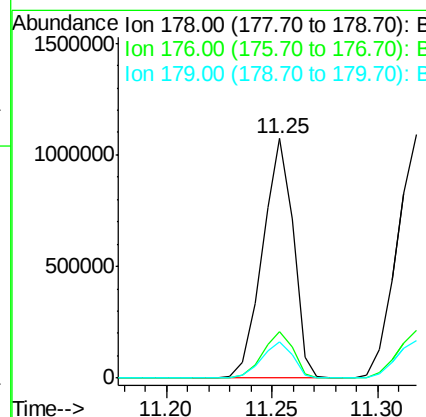
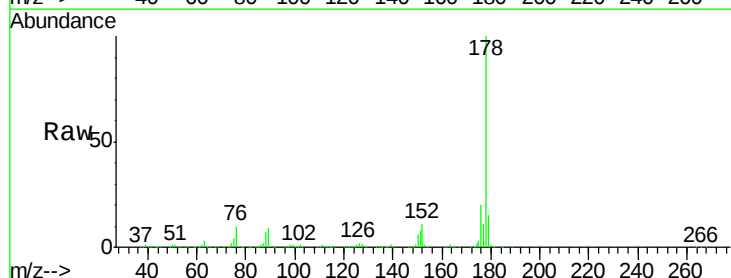
Manual Integrations
 APPROVED

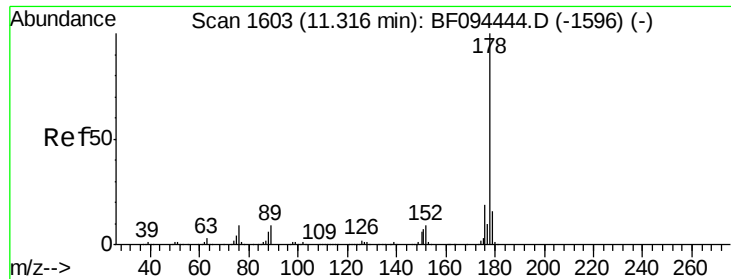
mohammad
 4/19/2017 1:27:34 PM



#70
 Phenanthrene
 Concen: 42.12 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	12.6	19.0





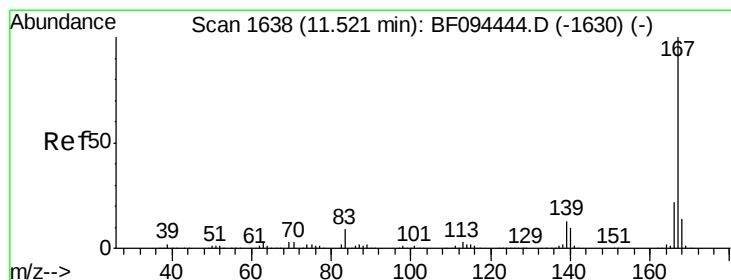
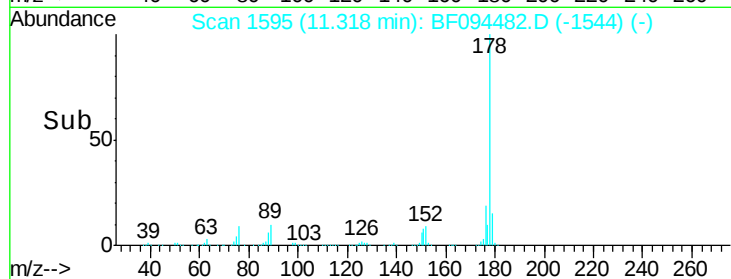
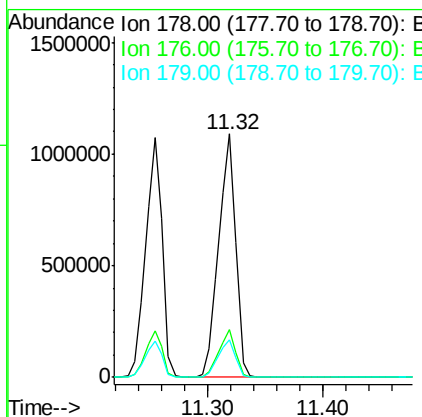
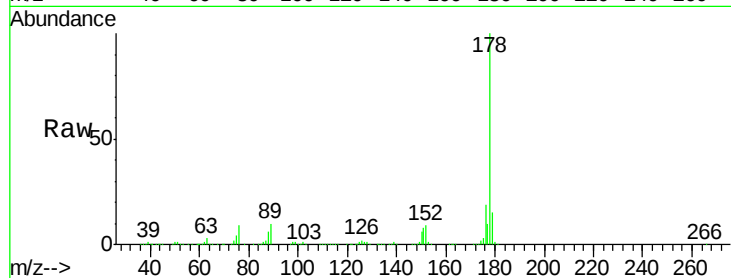
#71
 Anthracene
 Concen: 42.24 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.7	19.1

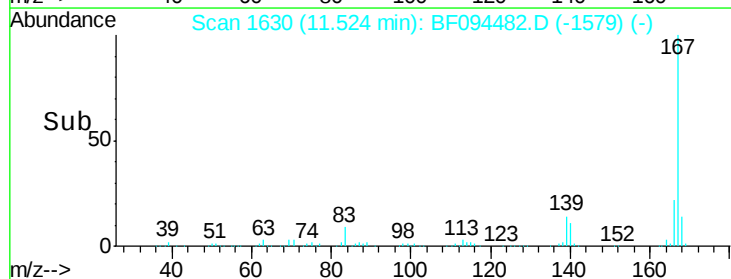
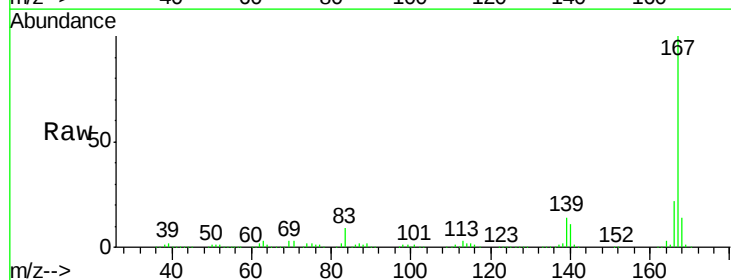
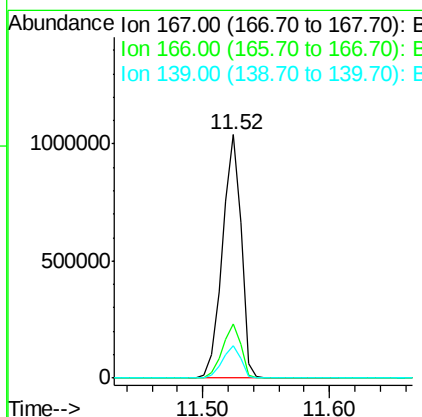
Manual Integrations
 APPROVED

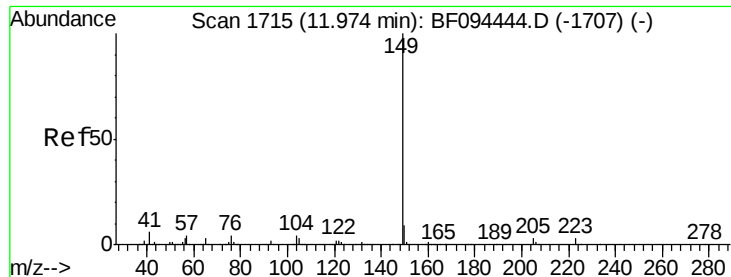
mohammad
 4/19/2017 1:27:34 PM



#72
 Carbazole
 Concen: 42.84 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 47.00 ng

RT: 11.98 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

PB98269BS

Tot Ion:149 Resp: 1291664

Ion Ratio Lower Upper

149 100

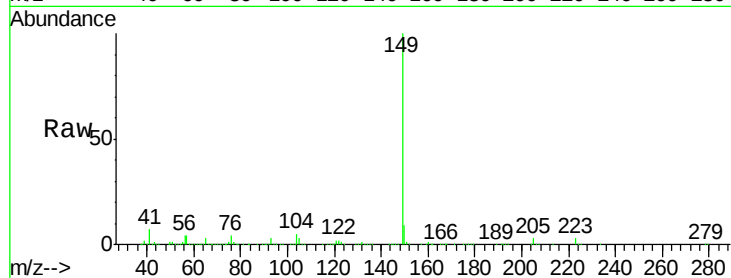
150 9.2 7.7 11.5

104 4.6 4.0 6.0

Manual Integrations
APPROVED

mohammad

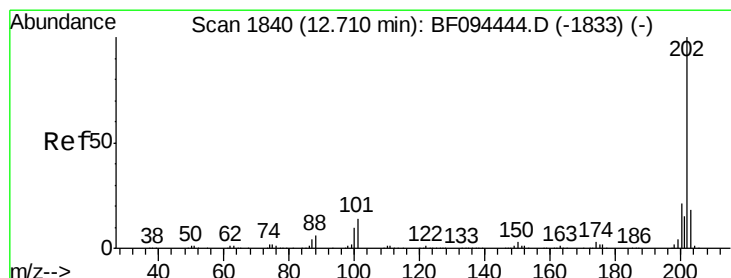
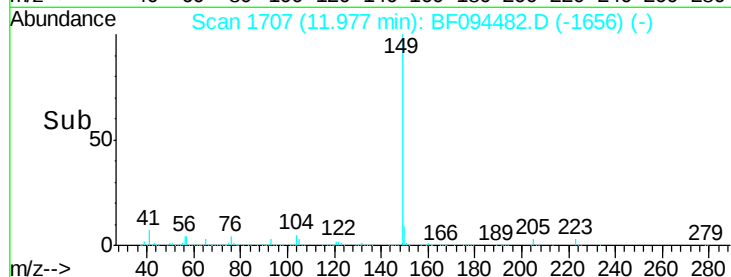
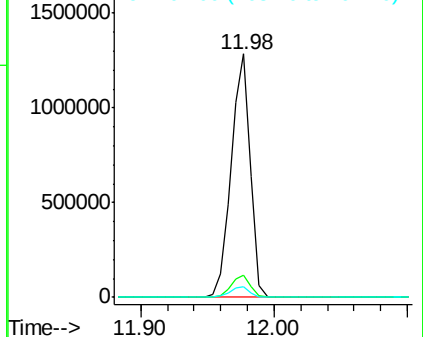
4/19/2017 1:27:34 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.49 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

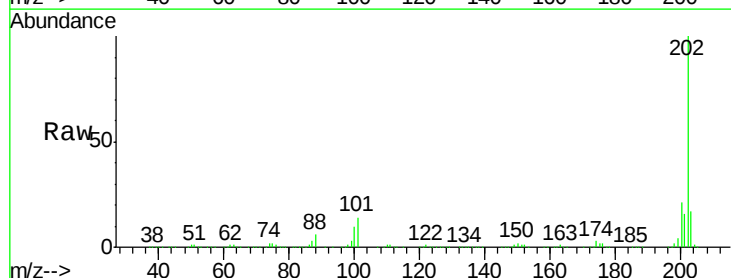
Tgt Ion:202 Resp: 1158586

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

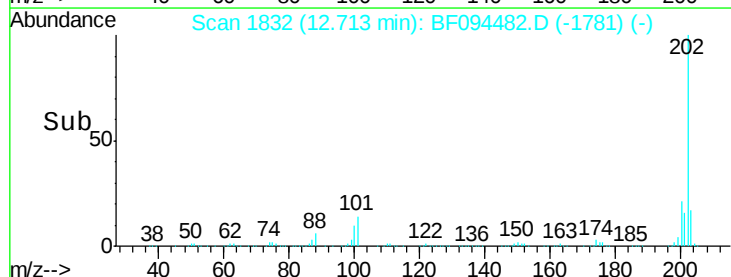
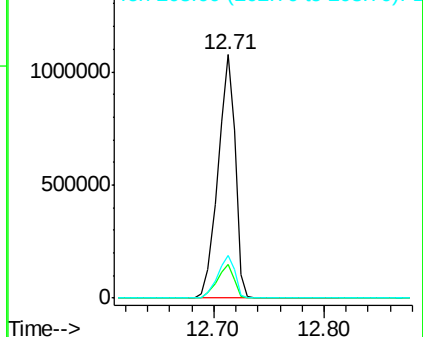
203 17.5 0.0 38.1

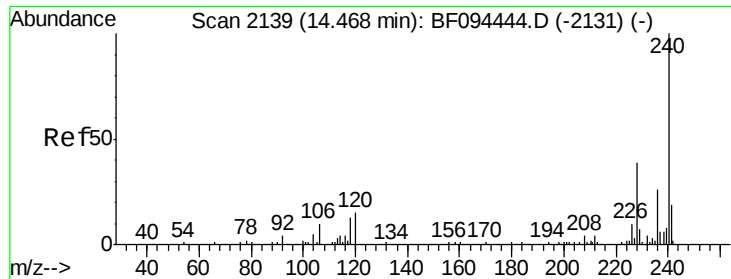


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





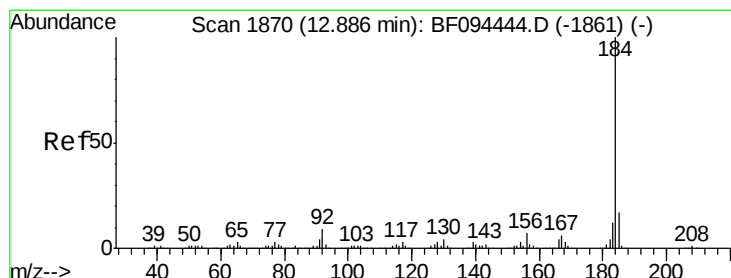
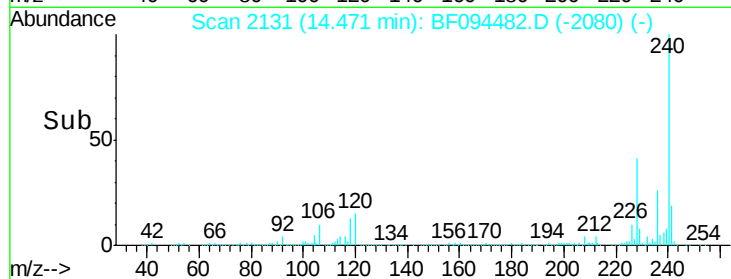
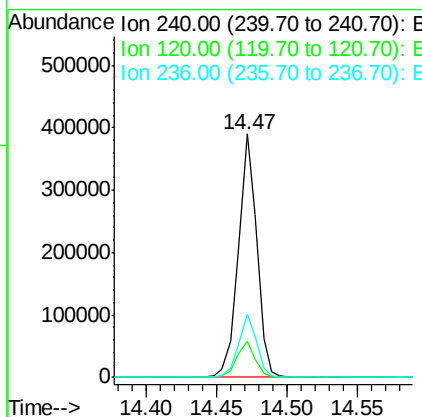
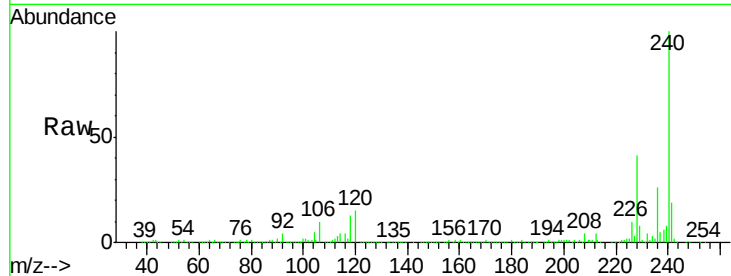
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.8	20.5	30.7

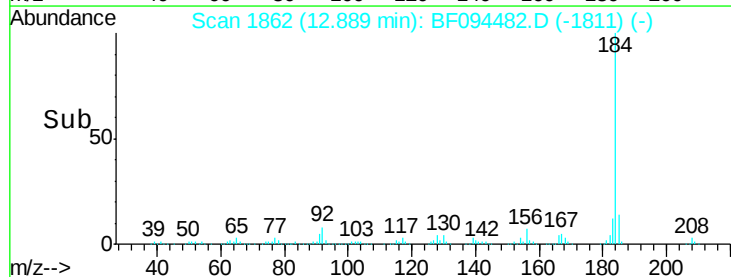
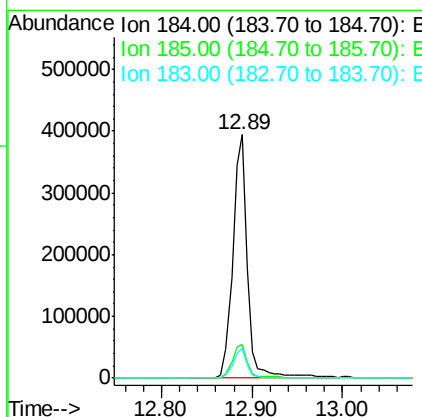
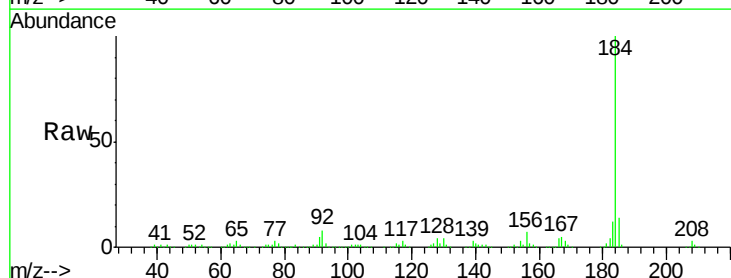
Manual Integrations
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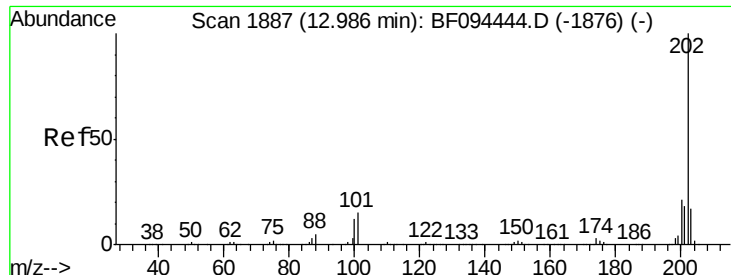
mohammad
4/19/2017 1:27:34 PM



#76
Benzidine
Concen: 30.99 ng
RT: 12.89 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	12.3	9.8	14.6





#77

Pvrene

Concen: 47.02 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

ClientSampleId :

PB98269BS

Tot Ion:202 Resp: 1171564

Ion Ratio Lower Upper

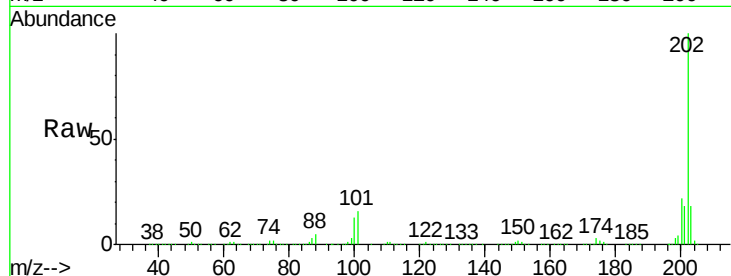
202 100

200 21.7 17.6 26.4

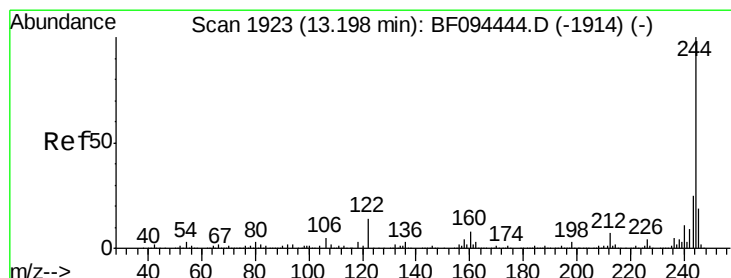
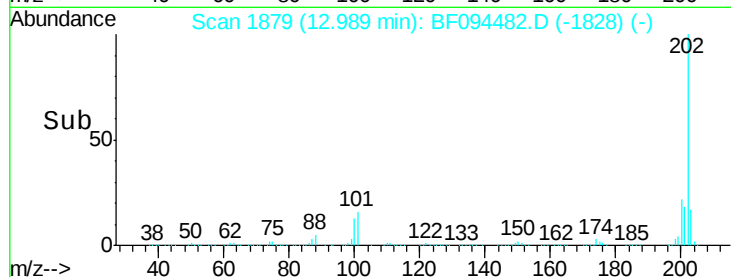
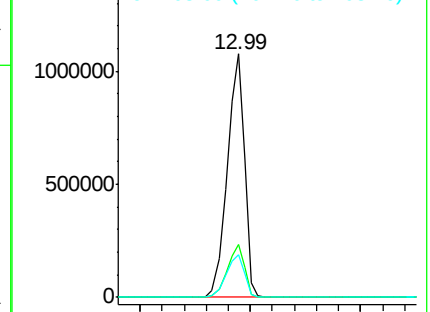
203 17.5 14.4 21.6

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



#78

Terphenyl-d14

Concen: 98.83 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

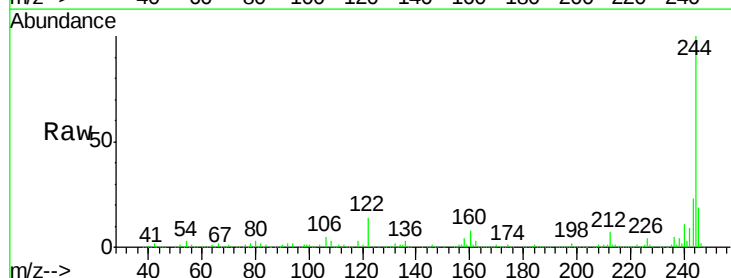
Tgt Ion:244 Resp: 1318718

Ion Ratio Lower Upper

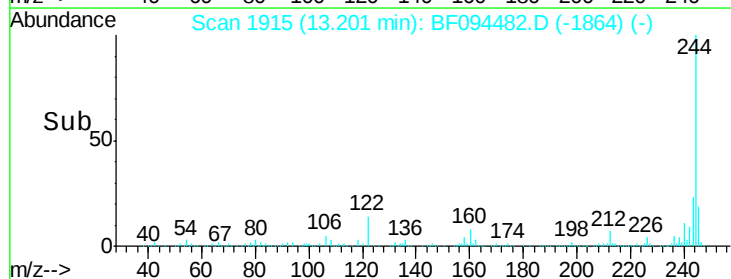
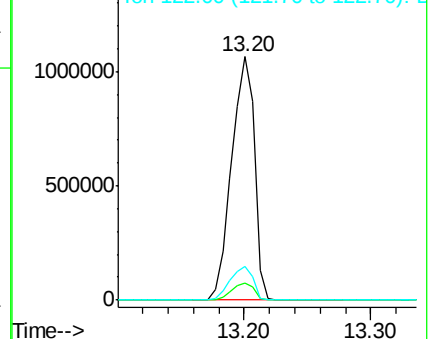
244 100

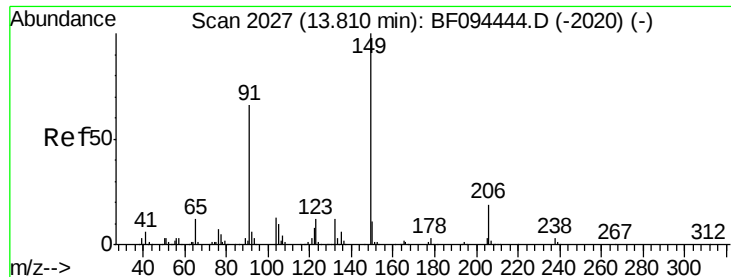
212 7.2 6.0 9.0

122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





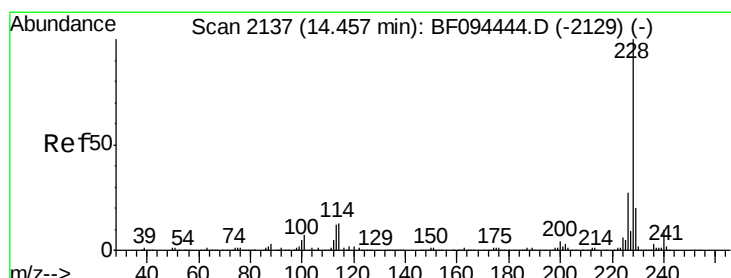
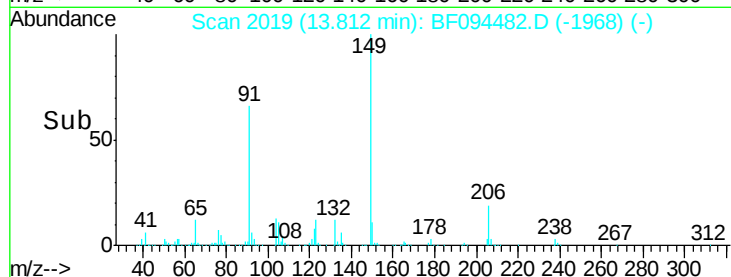
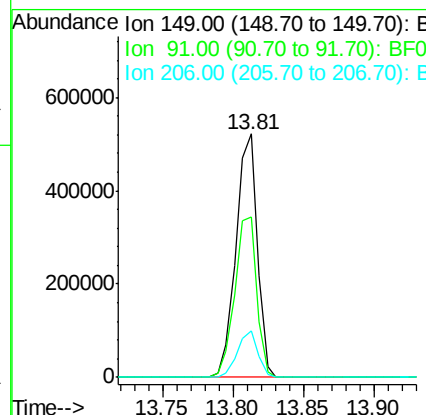
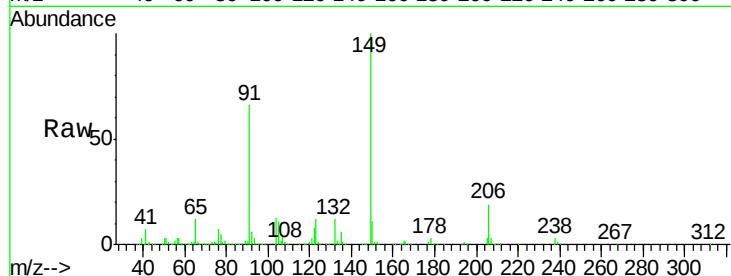
#79
Butylbenzylphthalate
Concen: 50.24 ng
RT: 13.81 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	548660		
91	65.9	45.0	67.4	
206	19.0	17.0	25.6	

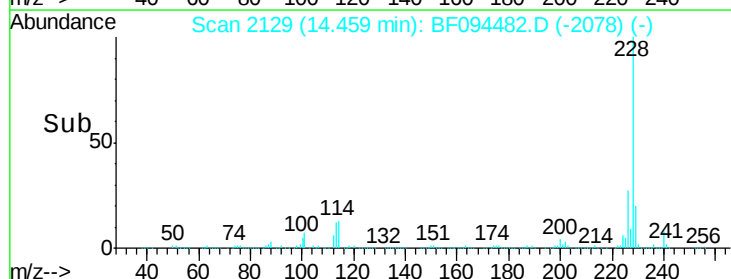
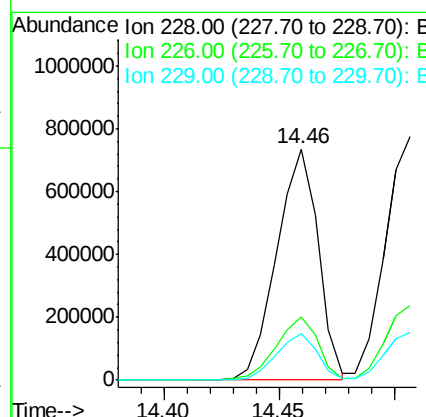
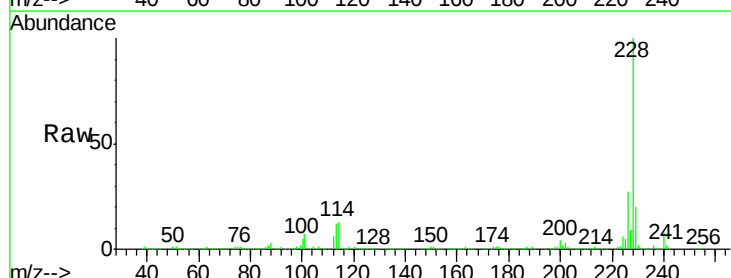
Manual Integrations
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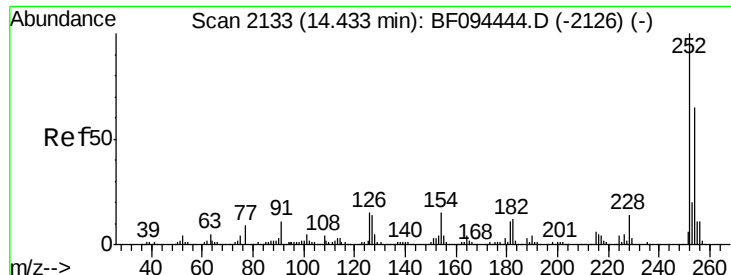
mohammad
4/19/2017 1:27:34 PM



#80
Benzo(a)anthracene
Concen: 44.04 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	912876		
226	27.1	22.6	33.8	
229	19.9	16.3	24.5	





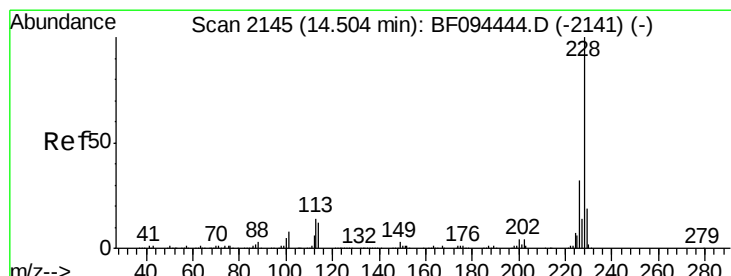
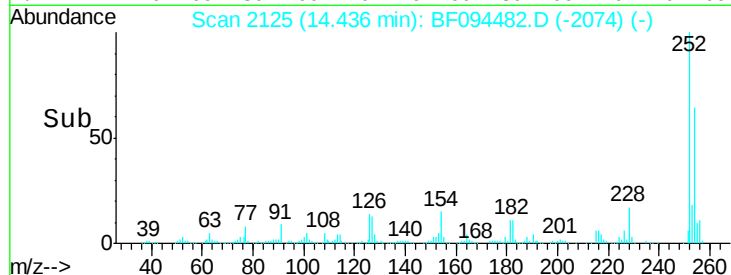
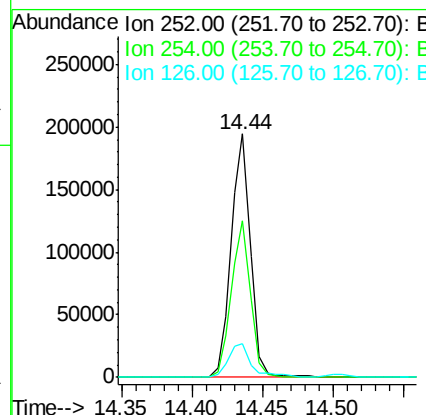
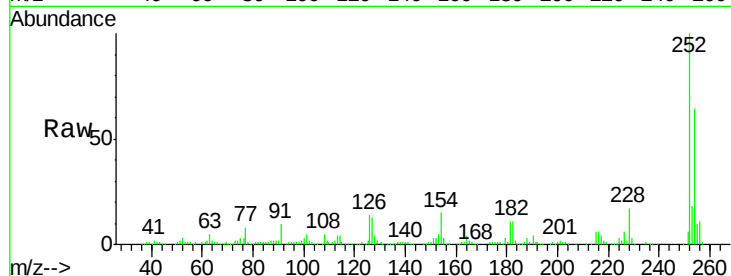
#81
 3,3'-Dichlorobenzidine
 Concen: 25.14 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	184464		
254	64.4	51.5	77.3	
126	13.6	15.8	23.8	

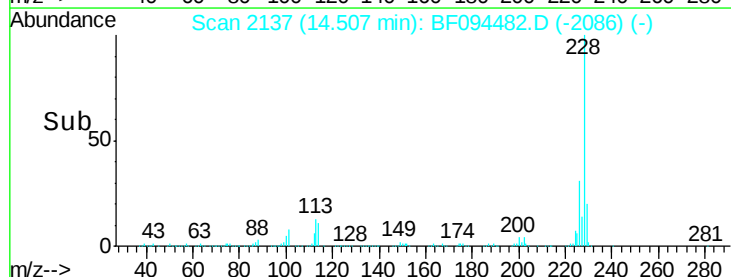
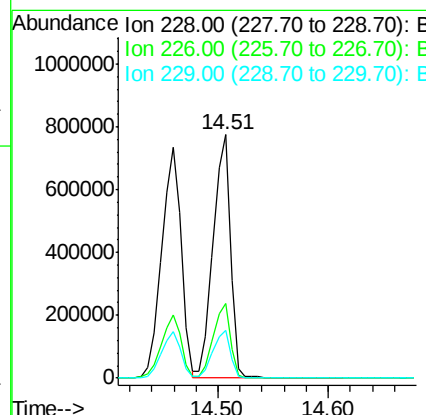
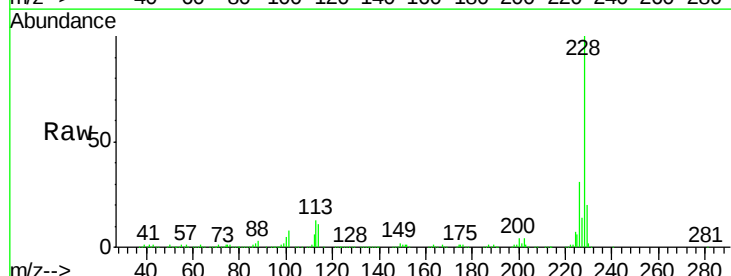
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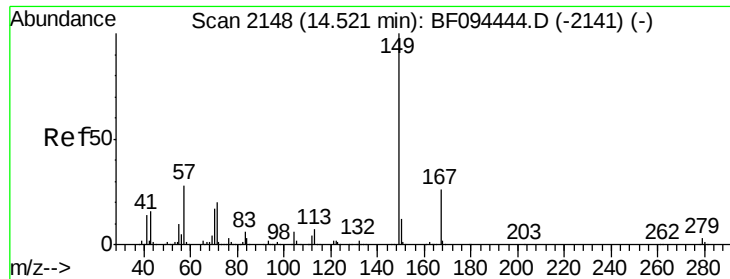
mohammad
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#82
 Chrysene
 Concen: 43.75 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	828916		
226	30.8	24.9	37.3	
229	19.6	15.8	23.6	





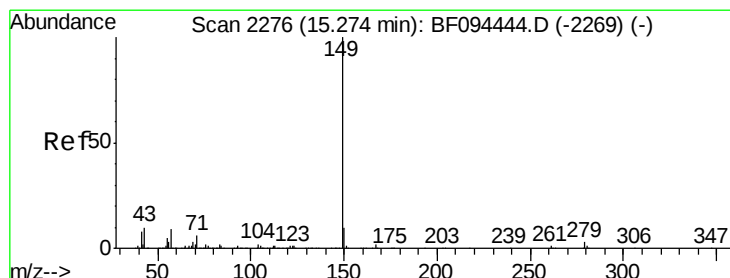
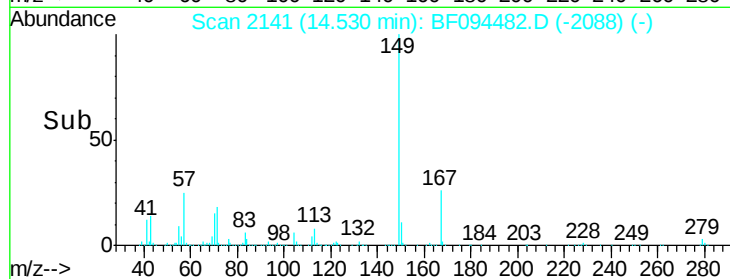
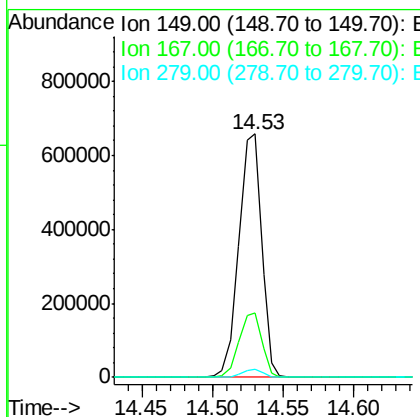
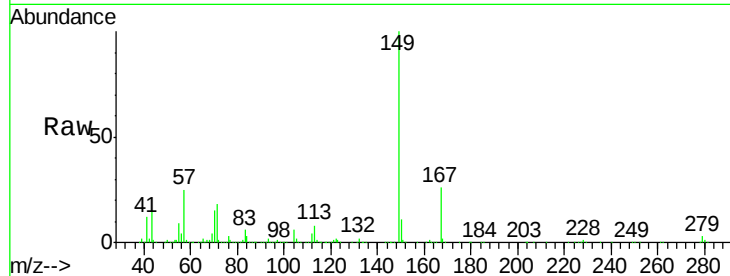
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.71 ng
 RT: 14.53 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	743568		
167	26.3	21.0	31.4	
279	3.4	1.9	2.9	

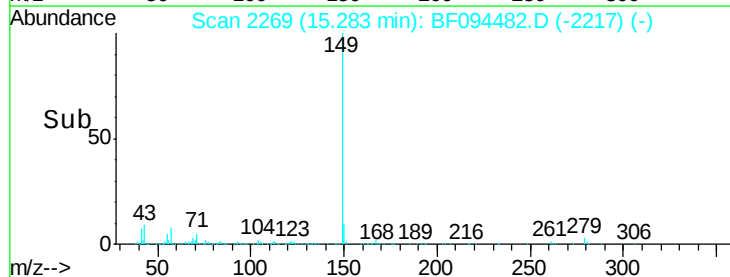
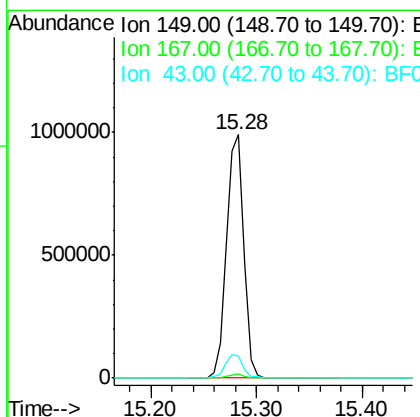
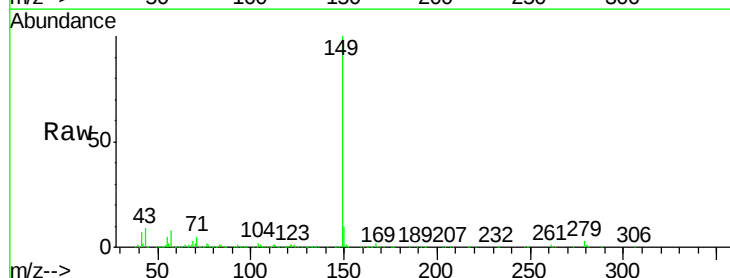
Manual Integrations
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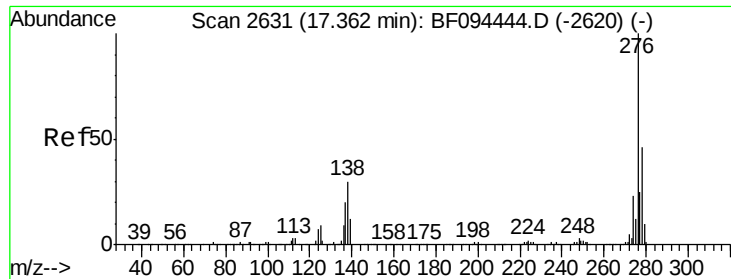
mohammad
 4/19/2017 1:27:34 PM



#84
 Di-n-octyl phthalate
 Concen: 45.02 ng
 RT: 15.28 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1107251		
167	1.6	1.2	1.8	
43	9.5	8.5	12.7	





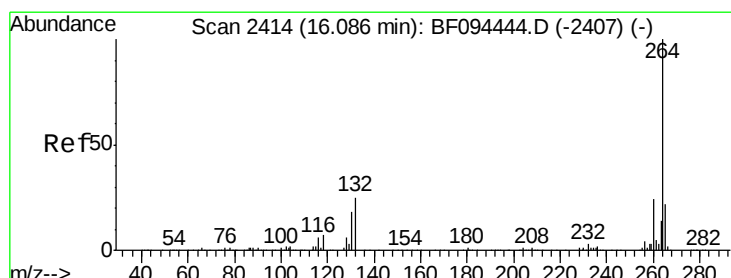
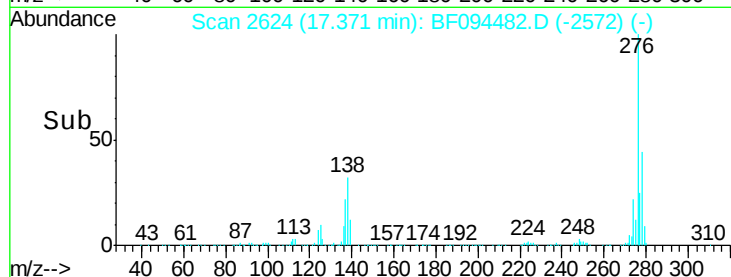
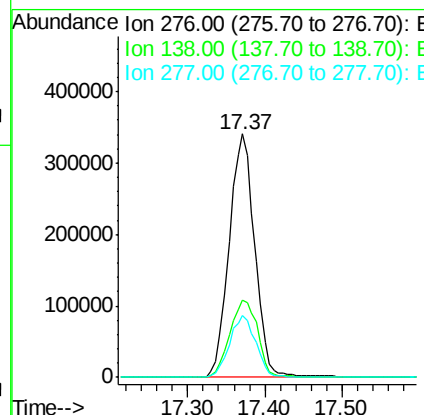
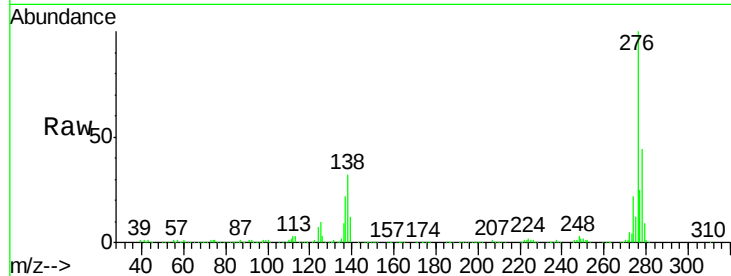
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.82 ng
 RT: 17.37 min Scan# 2624
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion:	276	Resp:	789922
Ion Ratio	Lower	Upper	
276	100		
138	35.0	27.8	41.6
277	26.1	20.2	30.4

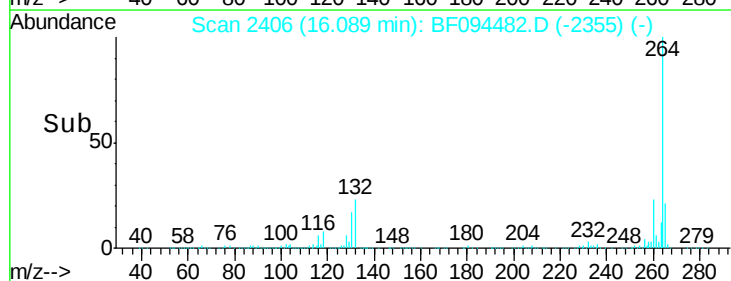
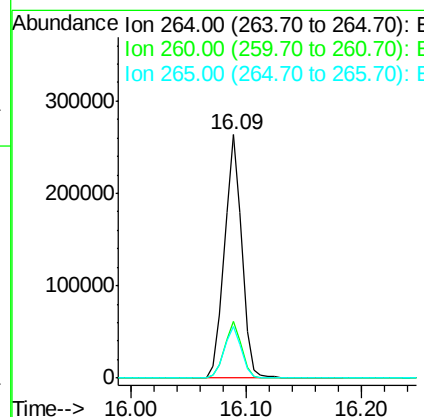
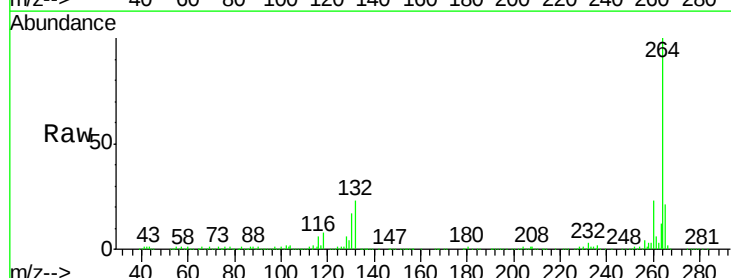
Manual Integrations
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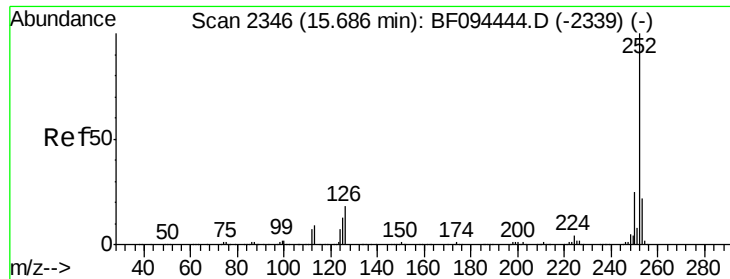
mohammad
 4/19/2017 1:27:34 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Tgt Ion:	264	Resp:	273969
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.92 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Instrument :

BNA_F

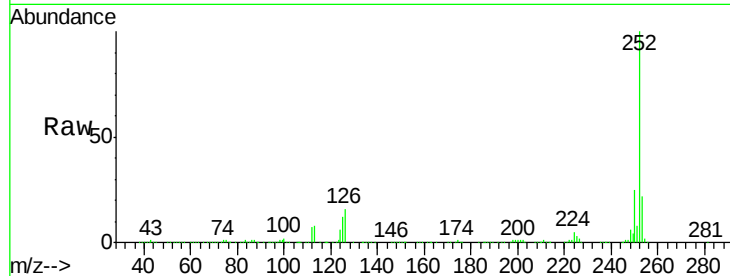
ClientSampleId :

PB98269BS

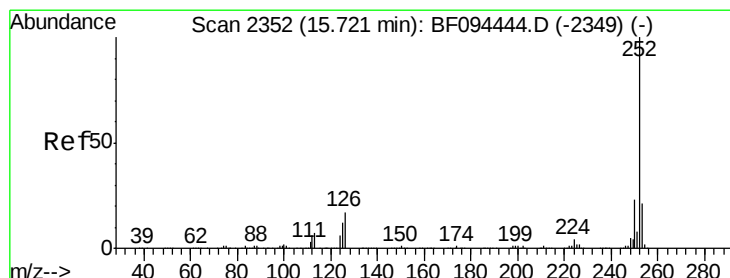
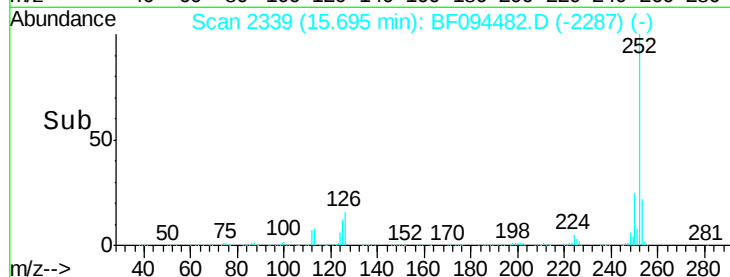
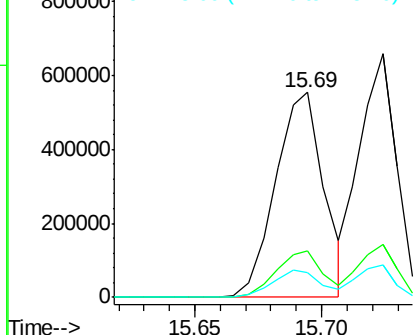
Tot Ion:	252	Resp:	736011
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	12.4	9.8	14.8

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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: 43.05 ng

RT: 15.72 min Scan# 2344

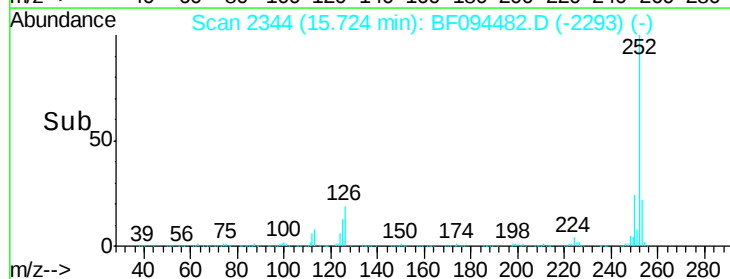
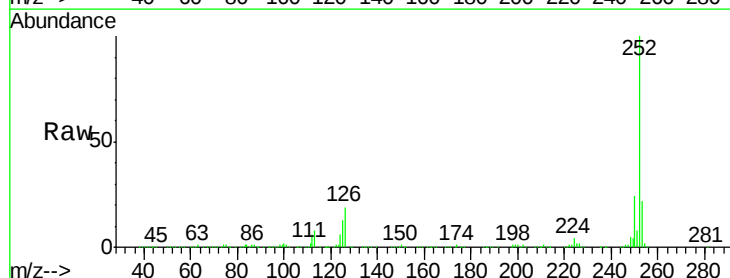
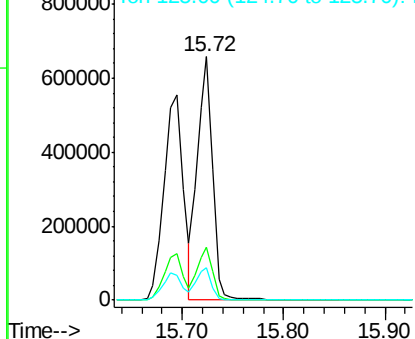
Delta R.T. 0.00 min

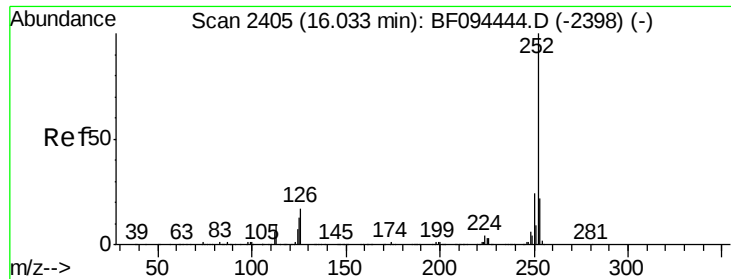
Lab File: BF094482.D

Acq: 18 Apr 2017 13:03

Tgt Ion:	252	Resp:	682738
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	13.2	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





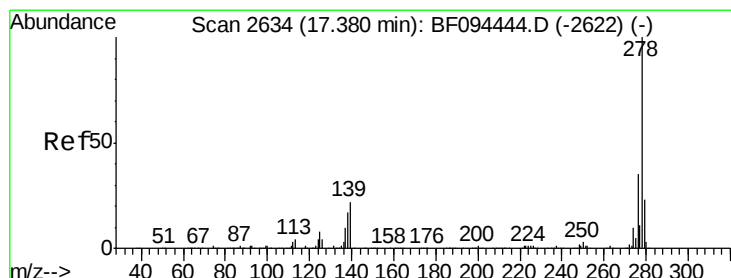
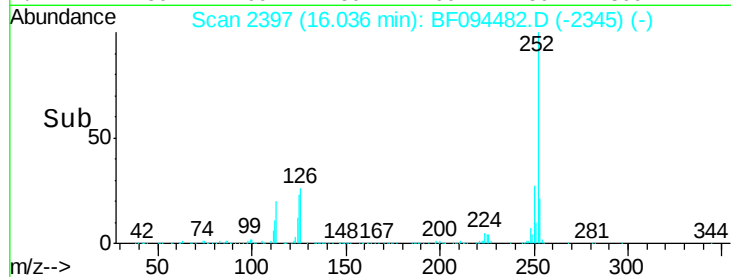
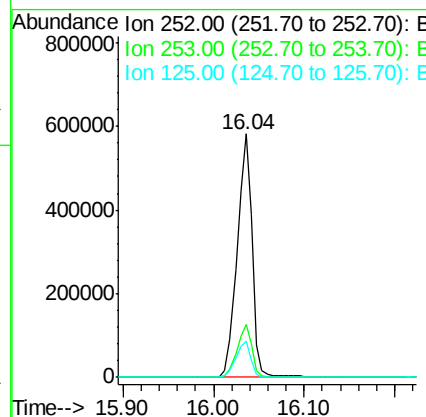
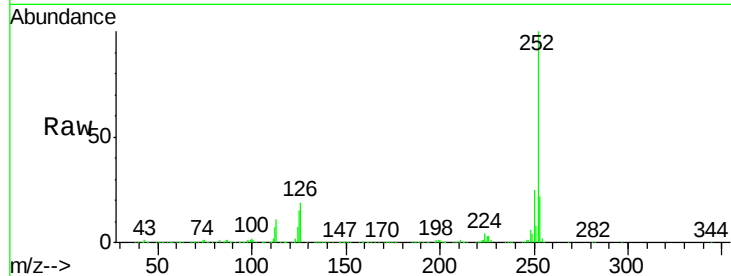
#89
Benzo(a)pyrene
Concen: 43.58 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Instrument :
BNA_F
ClientSampleId :
PB98269BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	14.7	11.0	16.4

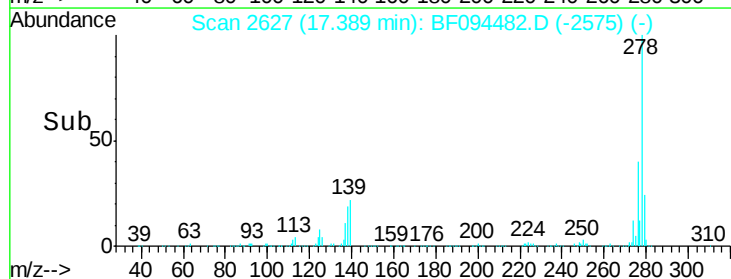
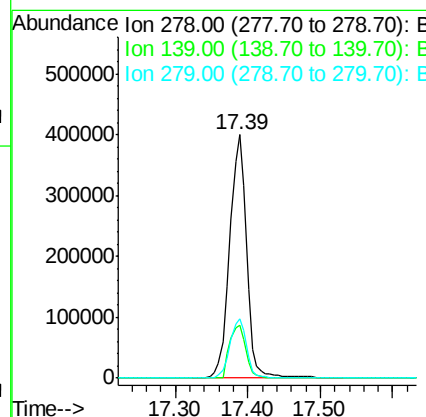
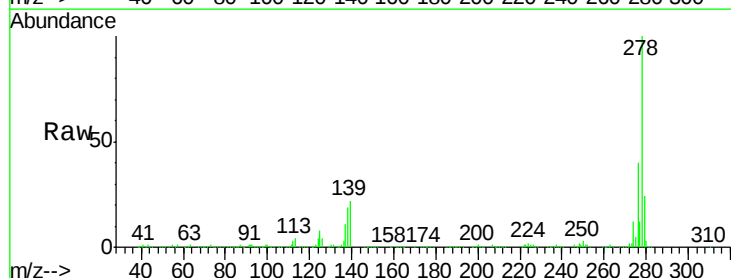
Manual Integrations
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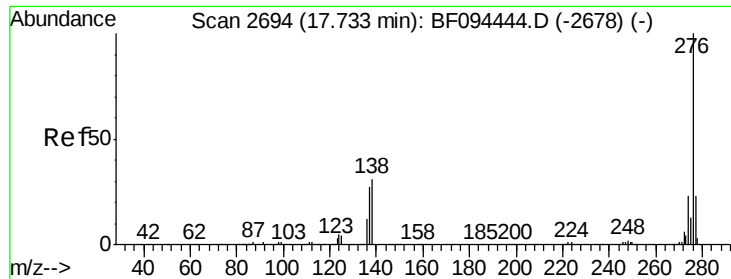
mohammad
4/19/2017 1:27:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.72 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.01 min
Lab File: BF094482.D
Acq: 18 Apr 2017 13:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	24.4	19.3	28.9





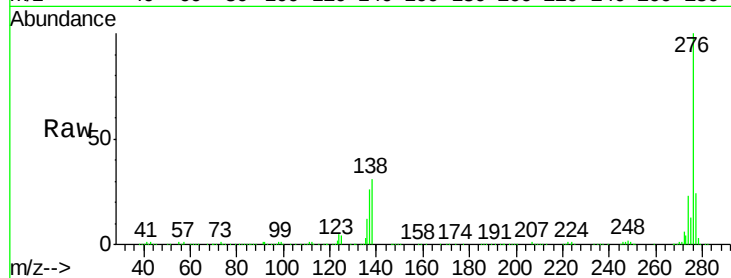
#91
 Benzo(a,h,i)perylene
 Concen: 51.49 ng
 RT: 17.75 min Scan# 2688
 Delta R.T. 0.01 min
 Lab File: BF094482.D
 Acq: 18 Apr 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 PB98269BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	30.9	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 4/19/2017 1:27:34 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

