

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094446.D
 Acq On : 17 Apr 2017 13:39
 Operator : SJ/MA
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 4/18/2017 3:07:48 PM

Quant Time: Apr 17 14:43:41 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 13:38:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	148740	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	589566	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	267509	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	468922	20.00	ng	0.00
75) Chrysene-d12	14.47	240	377967	20.00	ng	0.00
86) Perylene-d12	16.09	264	322763	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	1015825	115.35	ng	0.00
7) Phenol-d6	5.40	99	1189208	109.16	ng	0.00
23) Nitrobenzene-d5	6.42	82	1134196	109.79	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	242272	114.61	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1952555	111.33	ng	0.00
78) Terphenyl-d14	13.20	244	1593124	94.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	306418	72.43	ng	96
3) Pyridine	2.59	79	705382	61.17	ng	99
4) n-Nitrosodimethylamine	2.56	42	287155	60.52	ng	88
6) Aniline	5.39	93	794285	52.41	ng	# 87
8) 2-Chlorophenol	5.53	128	582361	60.16	ng	100
9) Benzaldehyde	5.26	77	454306	61.76	ng	97
10) Phenol	5.41	94	736861	59.44	ng	97
11) bis(2-Chloroethyl)ether	5.48	93	551599	56.93	ng	98
12) 1,3-Dichlorobenzene	5.70	146	652510	60.10	ng	99
13) 1,4-Dichlorobenzene	5.79	146	649470	59.06	ng	98
14) 1,2-Dichlorobenzene	5.96	146	574799	56.76	ng	95
15) Benzyl Alcohol	5.95	79	435273	54.59	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	701918	47.02	ng	# 37
17) 2-Methylphenol	6.09	107	462169	55.75	ng	# 91
18) Hexachloroethane	6.35	117	229523	59.38	ng	88
19) n-Nitroso-di-n-propylamine	6.26	70	404686	57.80	ng	97
20) 3+4-Methylphenols	6.27	107	625110	62.26	ng	# 63
22) Acetophenone	6.25	105	843355	64.18	ng	# 86
24) Nitrobenzene	6.45	77	590580	57.96	ng	94
25) Isophorone	6.73	82	1061722	58.49	ng	95
26) 2-Nitrophenol	6.82	139	330332	67.98	ng	97
27) 2,4-Dimethylphenol	6.90	122	515582	61.58	ng	97
28) bis(2-Chloroethoxy)methane	6.99	93	675138	56.40	ng	99
29) 2,4-Dichlorophenol	7.12	162	478167	61.08	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	489082	60.66	ng	98
31) Naphthalene	7.29	128	1611779	56.86	ng	99
32) Benzoic acid	7.10	122	303466	54.45	ng	94
33) 4-Chloroaniline	7.37	127	685262	59.64	ng	# 94
34) Hexachlorobutadiene	7.45	225	242992	58.77	ng	99
35) Caprolactam	7.84	113	157448m	63.07	ng	
36) 4-Chloro-3-methylphenol	8.00	107	505928	61.85	ng	89
37) 2-Methylnaphthalene	8.13	142	1106016	58.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	429548	58.70	ng	100
40) Hexachlorocyclopentadiene	8.33	237	201233	58.76	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	316624	61.15	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	319423	57.02	nq	95
45) 1,1'-Biphenyl	8.71	154	1199785	55.60	nq	97
46) 2-Chloronaphthalene	8.73	162	966109	57.20	nq	# 93
47) 2-Nitroaniline	8.86	65	298871	59.65	nq	# 84
48) Acenaphthylene	9.23	152	1498322	53.38	nq	99
49) Dimethylphthalate	9.11	163	1152323	60.60	nq	98
50) 2,6-Dinitrotoluene	9.17	165	265246	60.85	nq	# 87
51) Acenaphthene	9.45	154	904656	55.23	nq	99
52) 3-Nitroaniline	9.37	138	304354	59.46	nq	91
53) 2,4-Dinitrophenol	9.50	184	142112	68.41	nq	# 73
54) Dibenzofuran	9.66	168	1286208	57.68	nq	98
55) 4-Nitrophenol	9.63	139	230556	57.52	nq	# 73
56) 2,4-Dinitrotoluene	9.67	165	316593	57.82	nq	95
57) Fluorene	10.08	166	979071	52.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	233693	60.79	nq	98
59) Diethylphthalate	9.97	149	1076627	57.28	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	417571	53.01	nq	94
61) 4-Nitroaniline	10.13	138	313784	63.88	nq	97
62) Azobenzene	10.28	77	1055116	59.35	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	190832	66.45	nq	# 64
65) n-Nitrosodiphenylamine	10.24	169	923845	56.97	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	268916	58.31	nq	96
67) Hexachlorobenzene	10.76	284	270073	57.85	nq	# 89
68) Atrazine	10.92	200	281808	58.02	nq	96
69) Pentachlorophenol	11.00	266	122918	42.30	nq	99
70) Phenanthrene	11.26	178	1458087	55.90	nq	99
71) Anthracene	11.32	178	1521679	56.66	nq	99
72) Carbazole	11.53	167	1428834	51.88	nq	98
73) Di-n-butylphthalate	11.97	149	1617574	56.48	nq	99
74) Fluoranthene	12.72	202	1522326	56.99	nq	99
76) Benzidine	12.89	184	914298	61.12	nq	98
77) Pyrene	12.99	202	1556560	56.75	nq	99
79) Butylbenzylphthalate	13.81	149	709672	60.72	nq	# 87
80) Benzo(a)anthracene	14.46	228	1283783	58.25	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	442781	56.20	nq	# 95
82) Chrysene	14.51	228	1150159	56.23	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	930770	58.37	nq	# 100
84) Di-n-octyl phthalate	15.28	149	1567065	58.83	nq	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	1043282	58.90	nq	100
87) Benzo(b)fluoranthene	15.69	252	1124409	56.83	nq	98
88) Benzo(k)fluoranthene	15.73	252	1081225m	55.86	nq	
89) Benzo(a)pyrene	16.04	252	1045120	57.36	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	854734	55.40	nq	99
91) Benzo(g,h,i)perylene	17.74	276	874044	56.21	nq	98

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

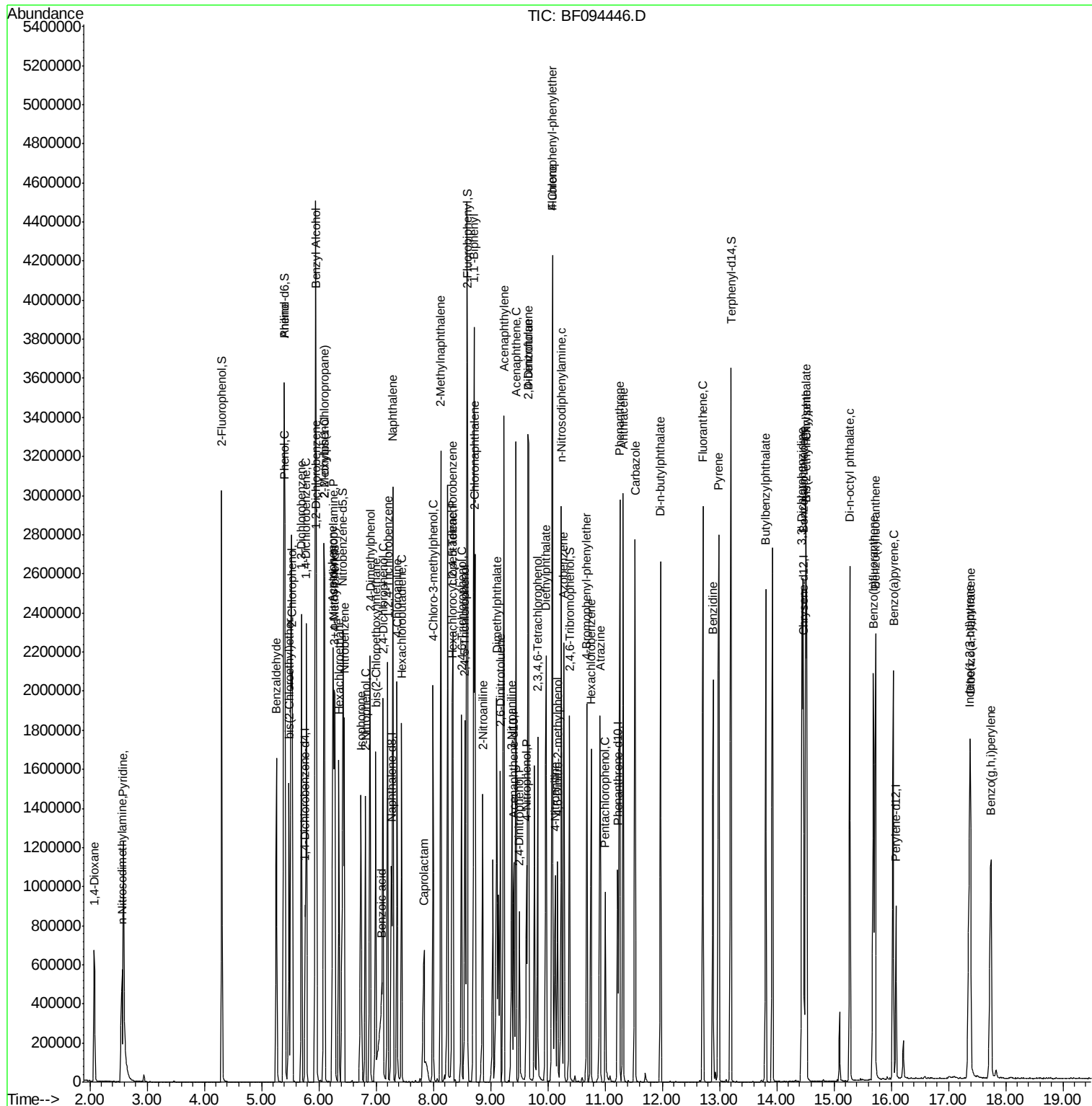
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
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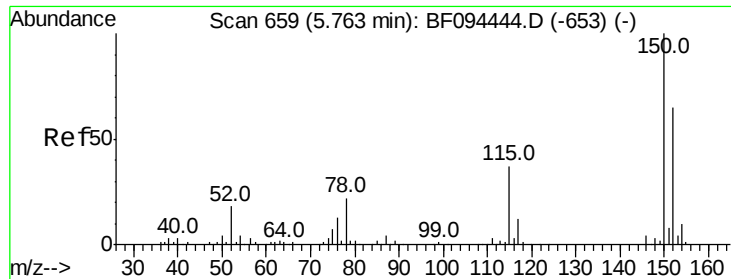
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#1

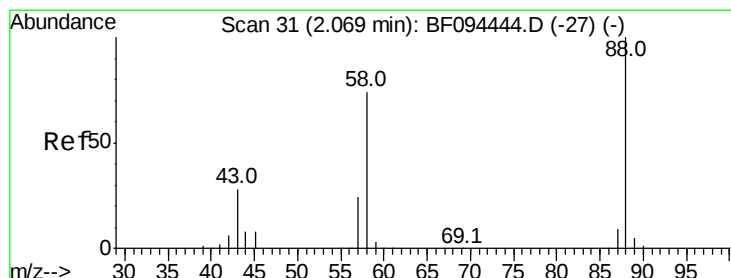
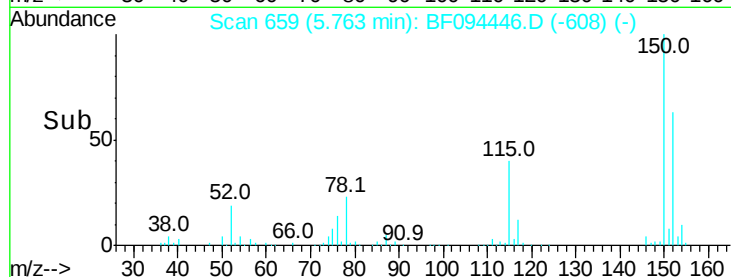
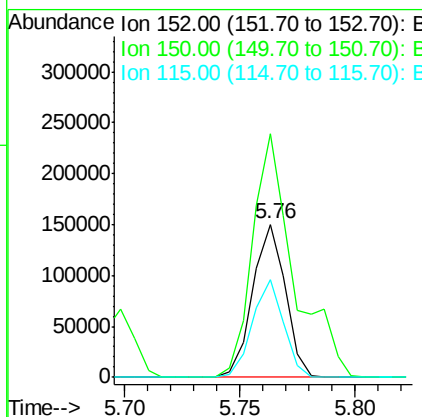
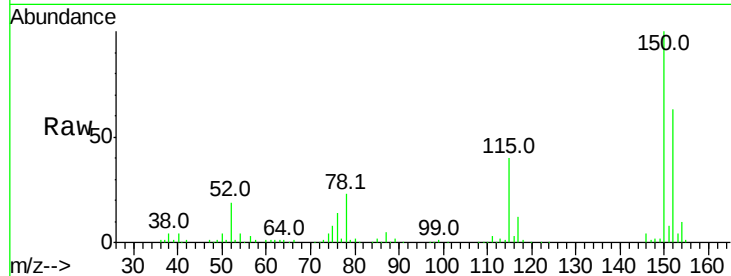
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	63.8	52.2	78.2

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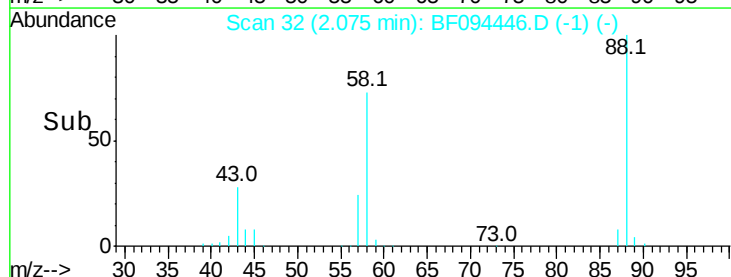
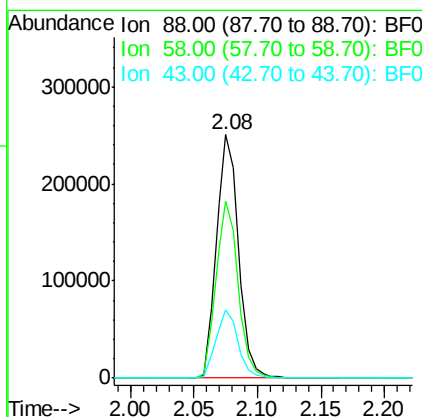
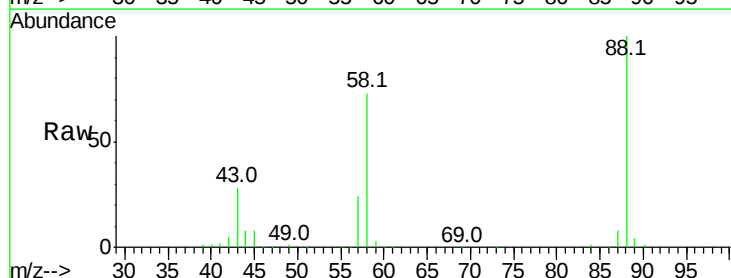
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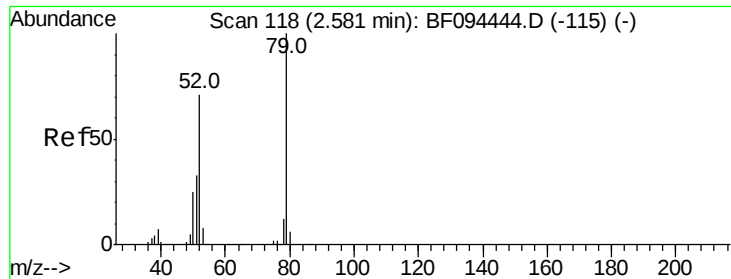


#2

1,4-Dioxane
Concen: 72.43 ng
RT: 2.08 min Scan# 32
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	61.4	92.0
43	28.0	23.4	35.0





#3

Pvridine

Concen: 61.17 ng

RT: 2.59 min Scan# 119

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

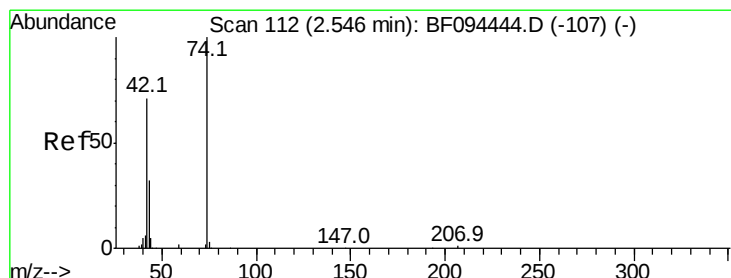
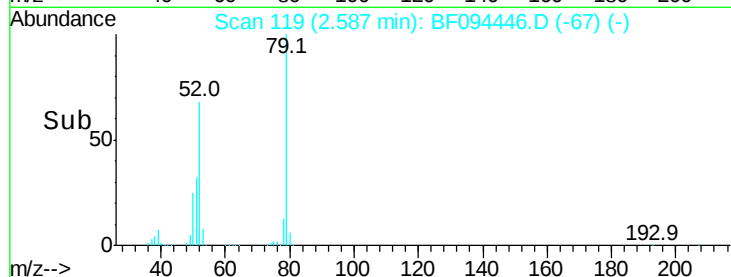
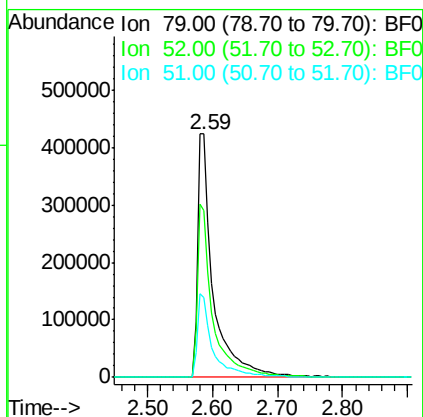
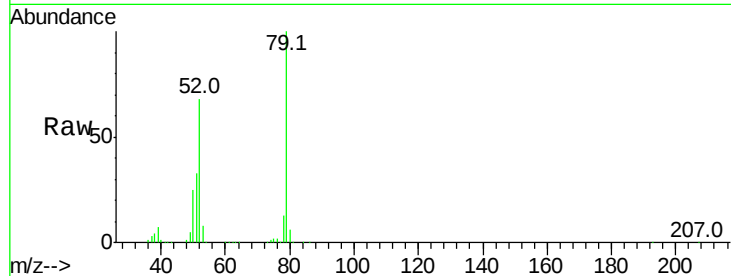
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	54.8	82.2
51	32.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 60.52 ng

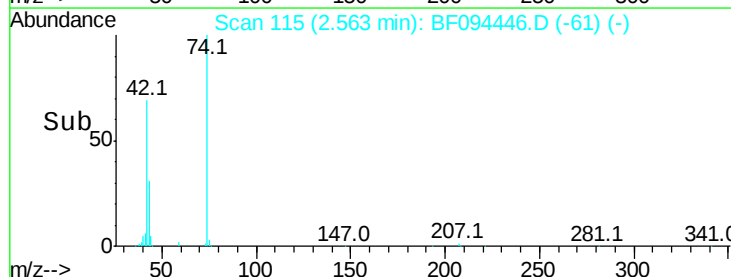
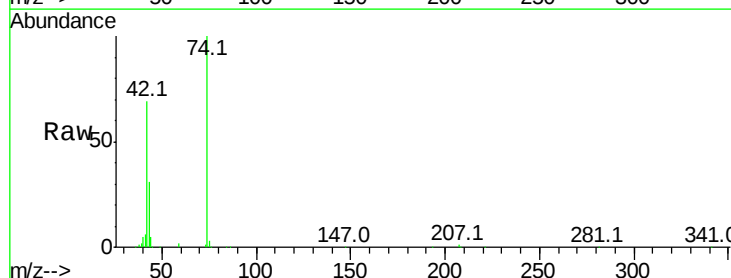
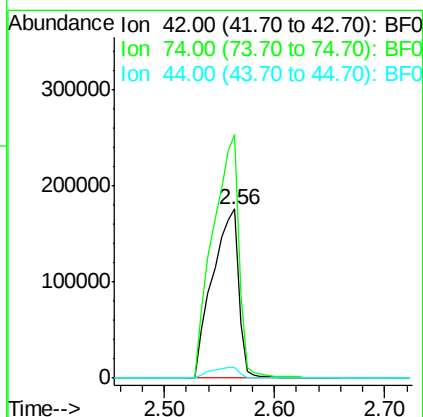
RT: 2.56 min Scan# 115

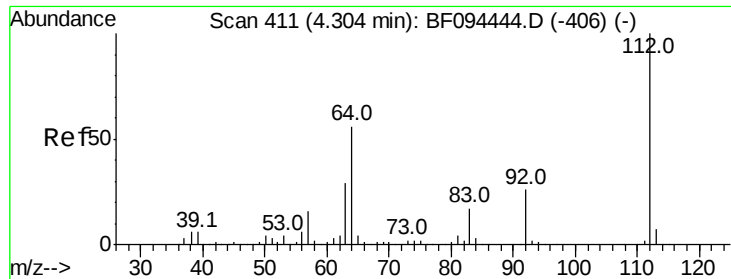
Delta R.T. 0.02 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.1	103.9	155.9
44	6.6	5.7	8.5





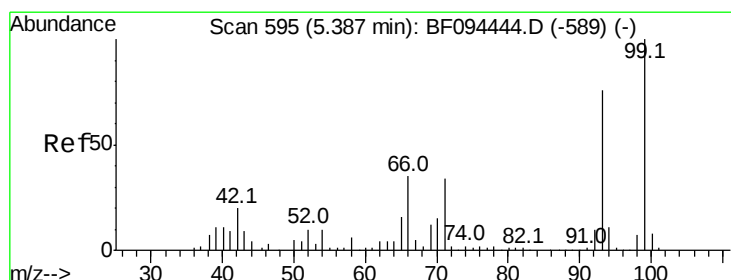
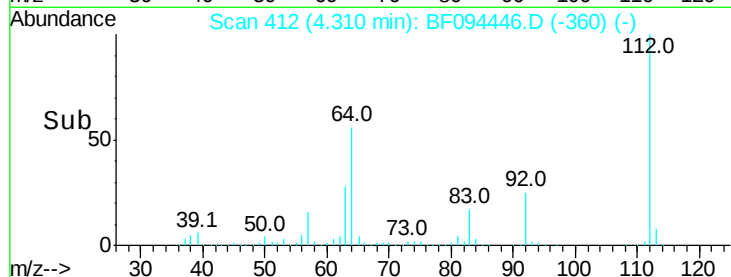
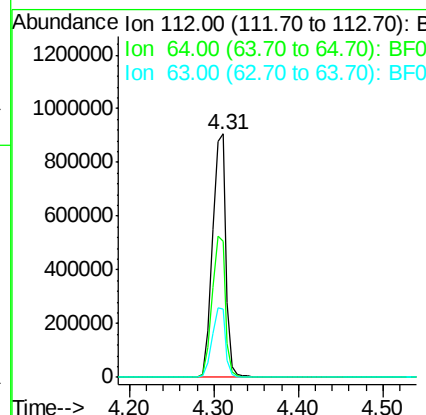
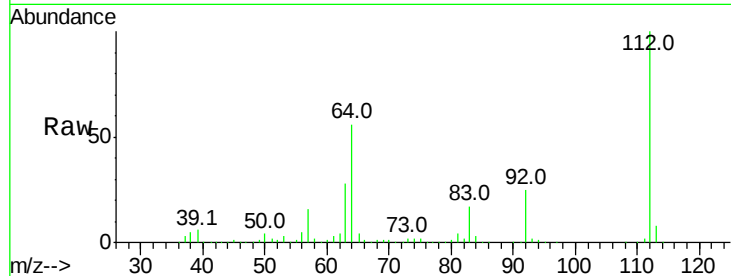
#5
 2-Fluorophenol
 Concen: 115.35 ng
 RT: 4.31 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.0	69.0
63	28.1	23.4	35.0

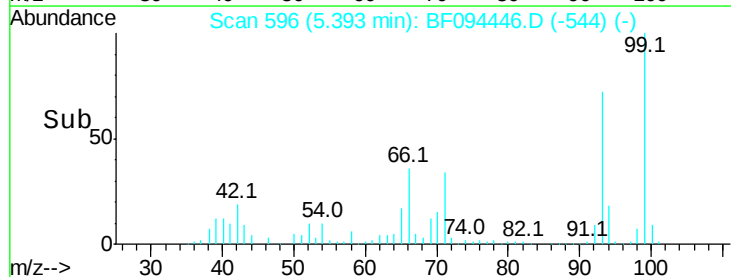
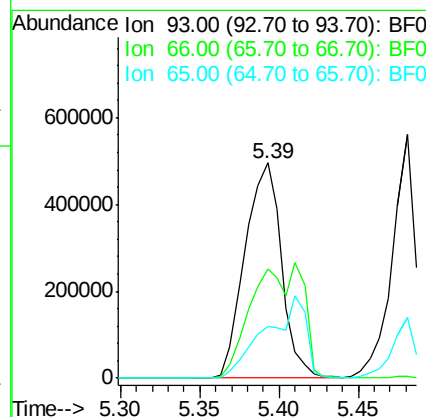
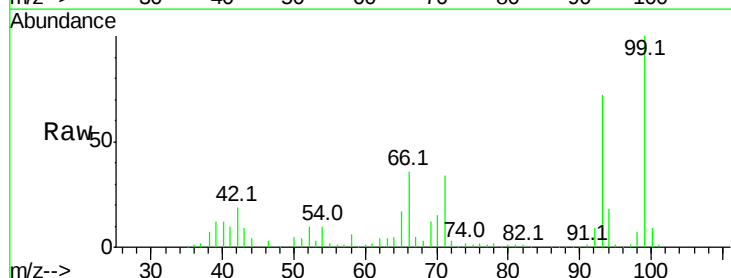
Manual Integrations
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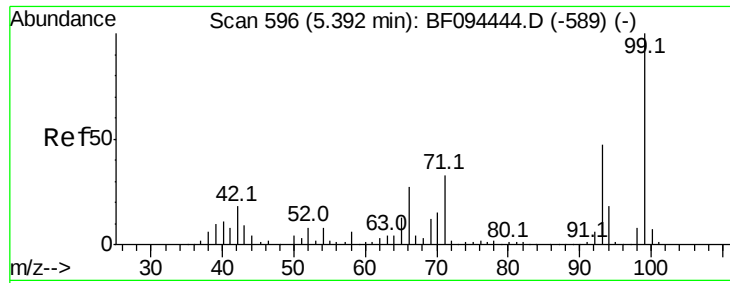
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#6
 Aniline
 Concen: 52.41 ng
 RT: 5.39 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	50.5	32.9	49.3#
65	24.0	16.0	24.0





#7

Phenol-d6

Concen: 109.16 ng

RT: 5.40 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 1189208

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

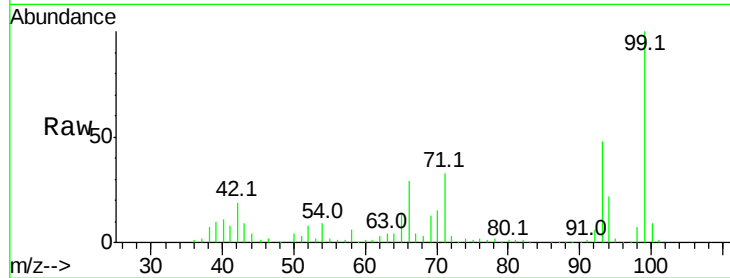
71 33.2 24.5 36.7

Manual Integrations

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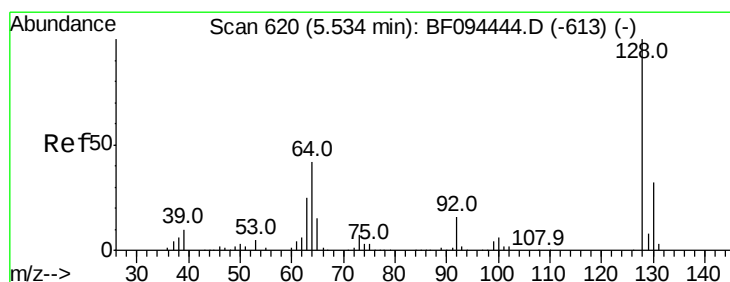
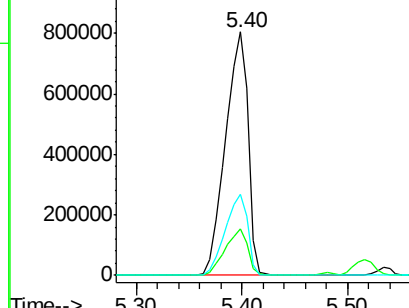
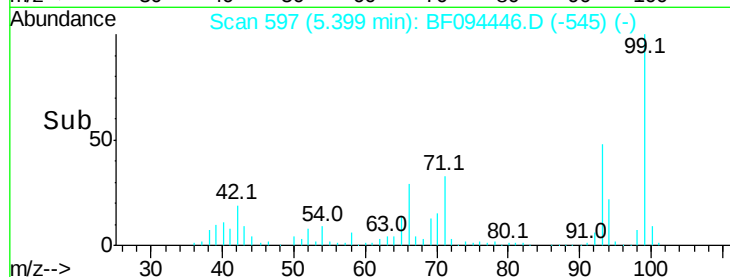
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 60.16 ng

RT: 5.53 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

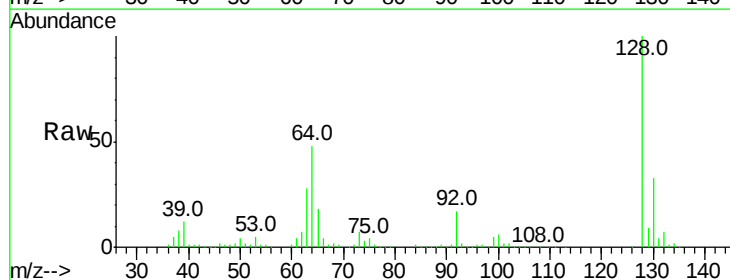
Tgt Ion:128 Resp: 582361

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

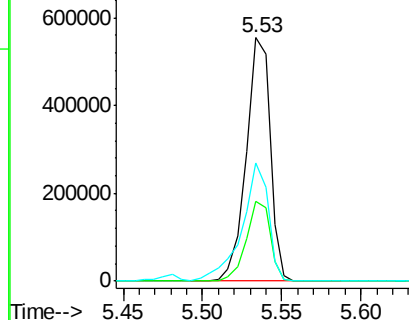
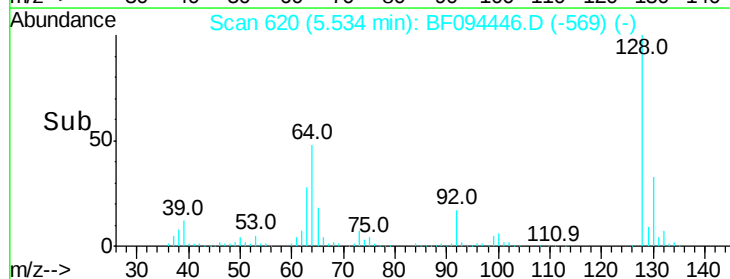
64 48.4 28.4 68.4

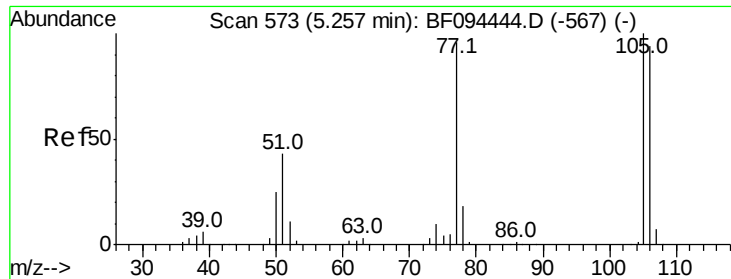


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 61.76 ng

RT: 5.26 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

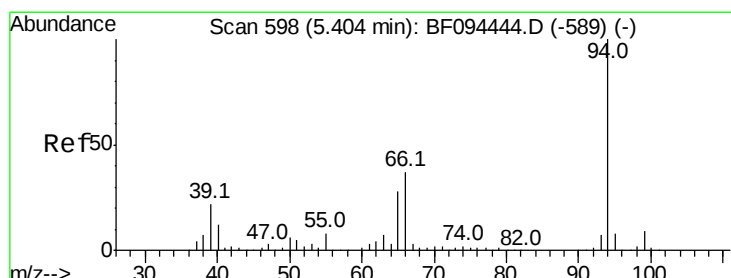
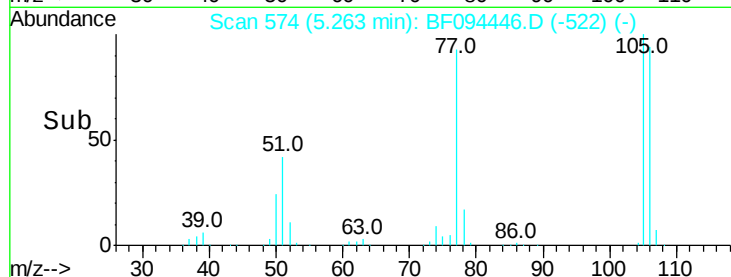
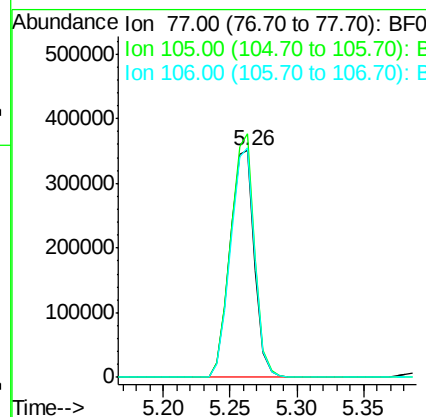
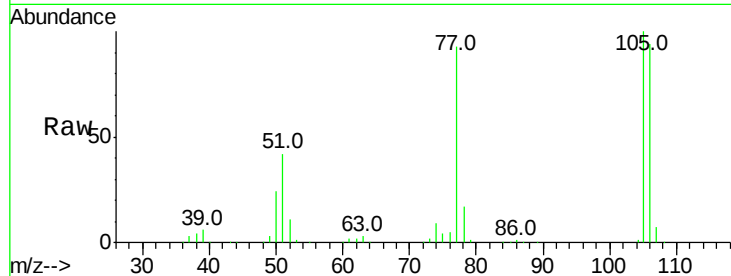
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.3	83.8	123.8
106	101.0	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 59.44 ng

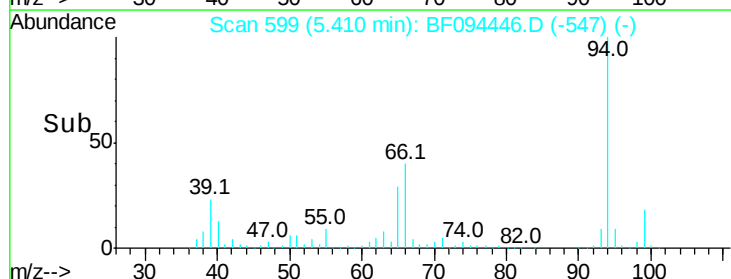
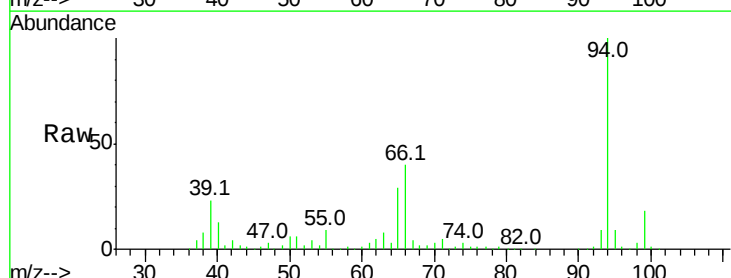
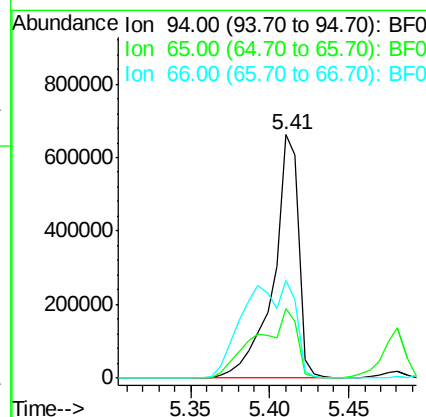
RT: 5.41 min Scan# 599

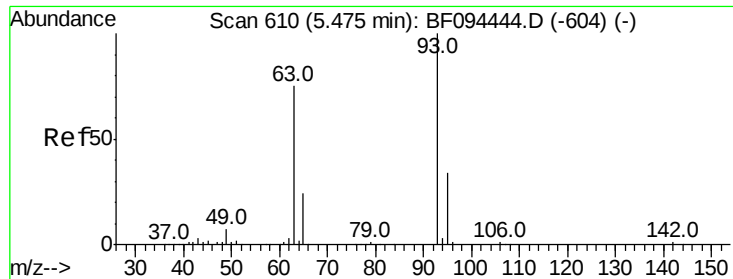
Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.9	49.9
66	40.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 56.93 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

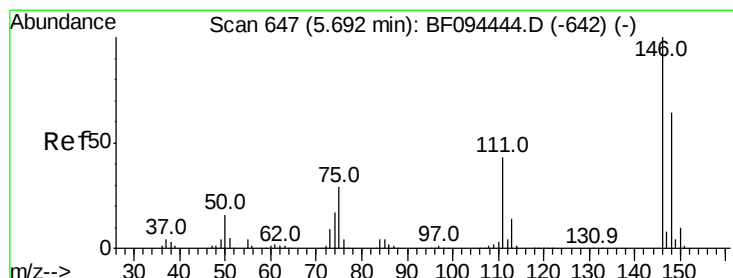
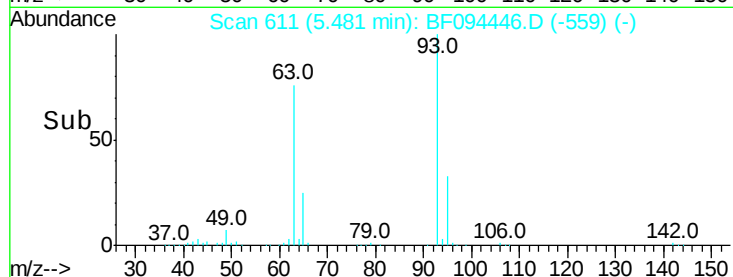
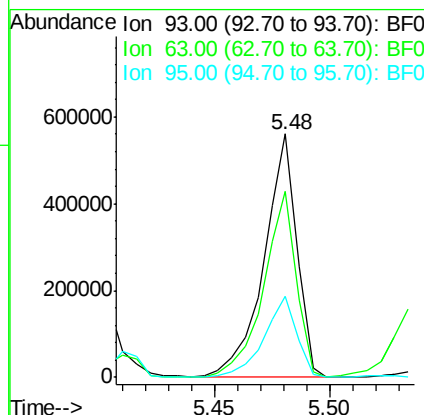
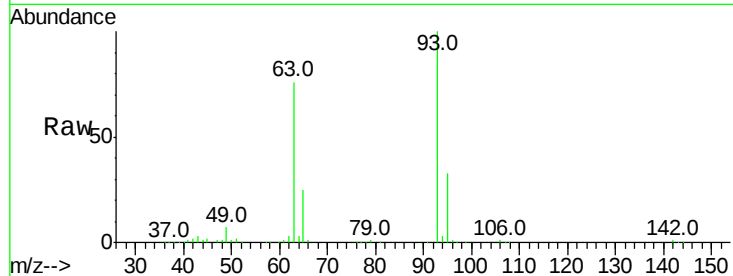
ClientSampleId :

SSTDIC060

Tot Ion:	93	Resp:	551599
Ion Ratio	Lower	Upper	
93	100		
63	76.4	59.2	99.2
95	33.2	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 60.10 ng

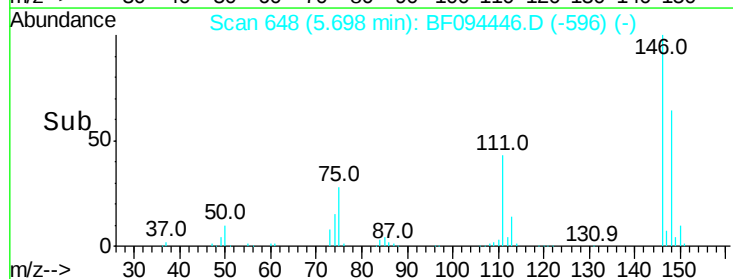
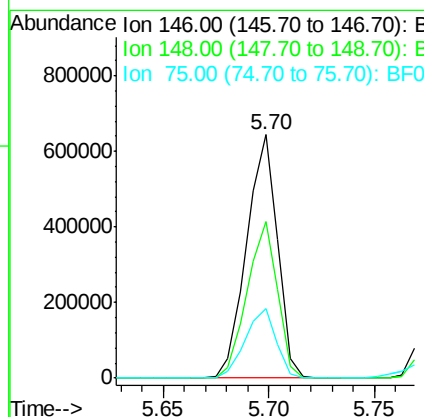
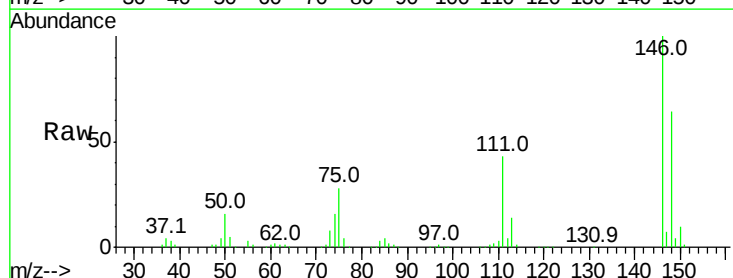
RT: 5.70 min Scan# 648

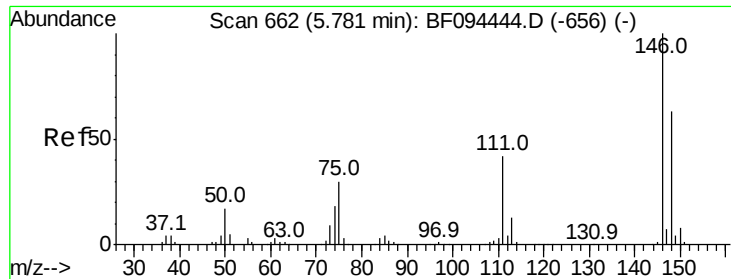
Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Tgt Ion:	146	Resp:	652510
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.6
75	28.4	23.1	34.7





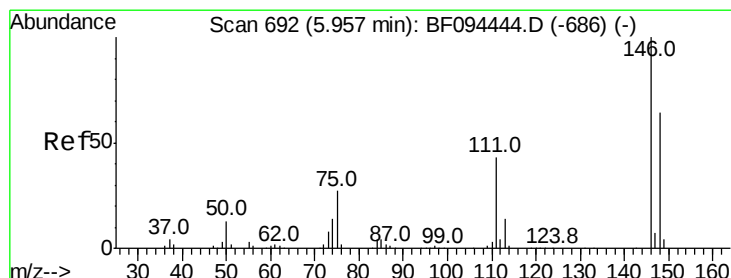
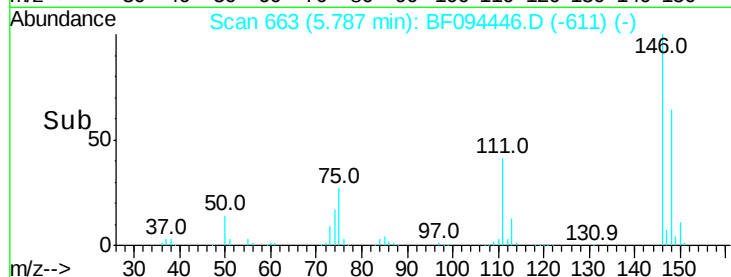
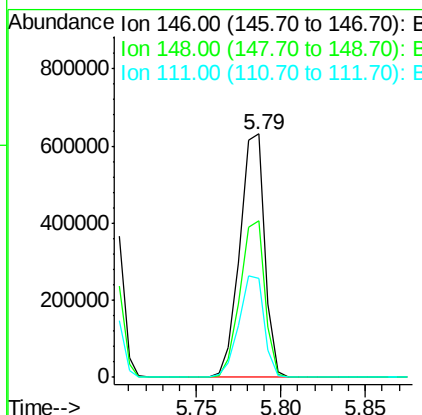
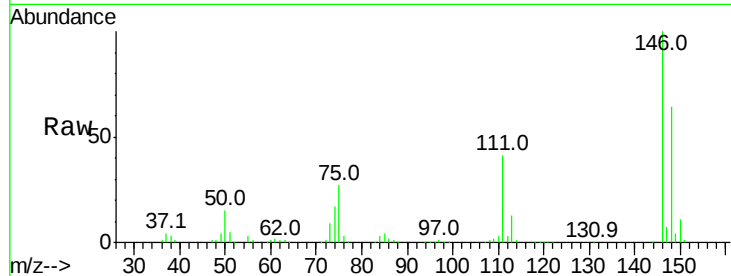
#13
 1,4-Dichlorobenzene
 Concen: 59.06 ng
 RT: 5.79 min Scan# 663
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	40.7	30.3	45.5

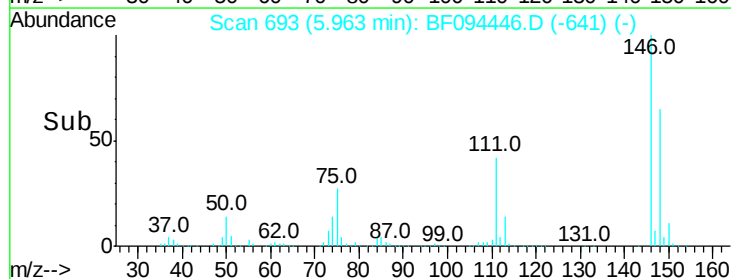
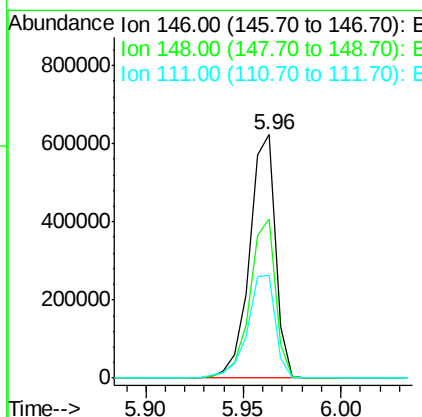
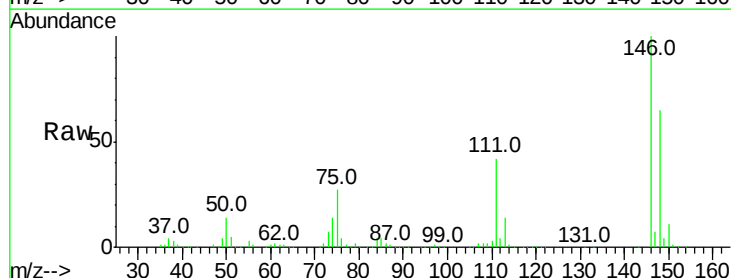
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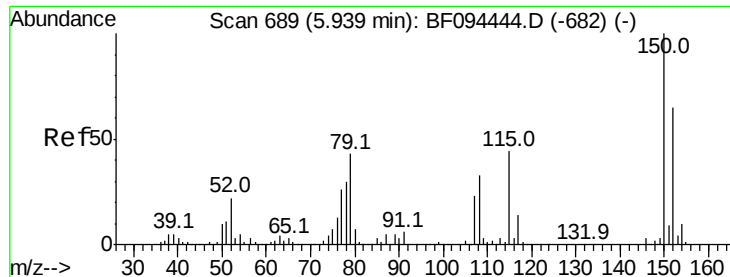
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 56.76 ng
 RT: 5.96 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	42.0	38.2	57.4





#15

Benzyl Alcohol

Concen: 54.59 ng

RT: 5.95 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

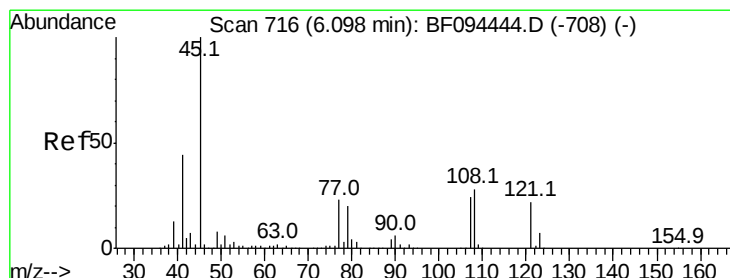
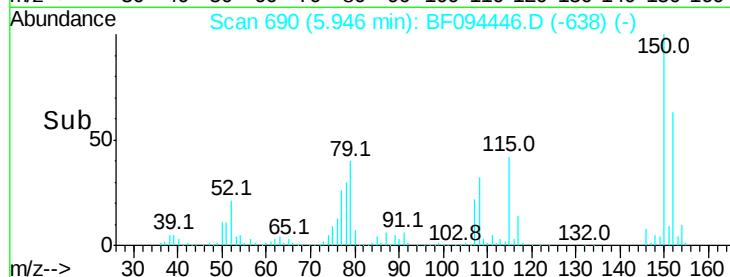
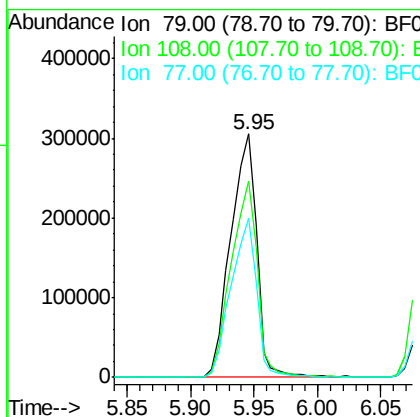
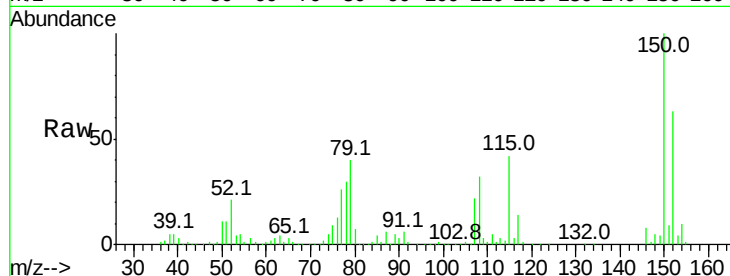
ClientSampleId :

SSTDIC060

Tot Ion:	79	Resp:	435273
Ion Ratio	Lower	Upper	
79	100		
108	80.6	63.4	95.0
77	65.5	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.02 ng

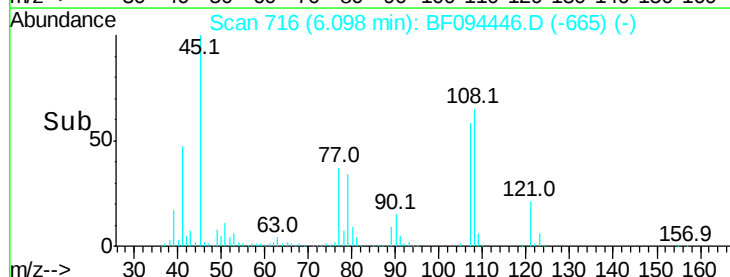
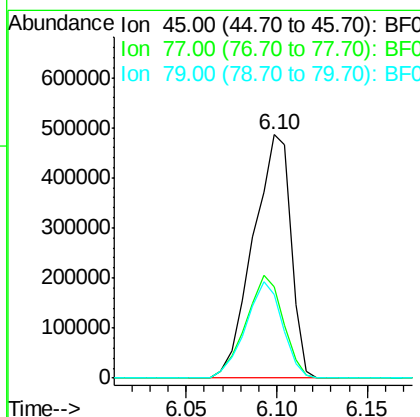
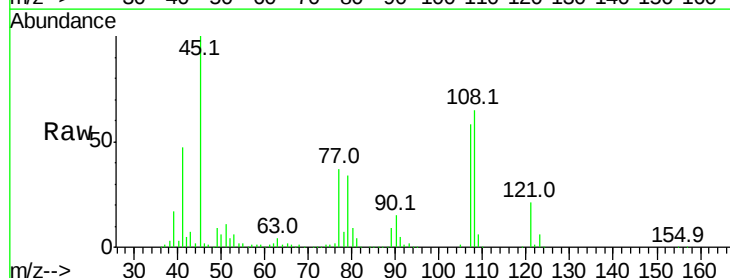
RT: 6.10 min Scan# 716

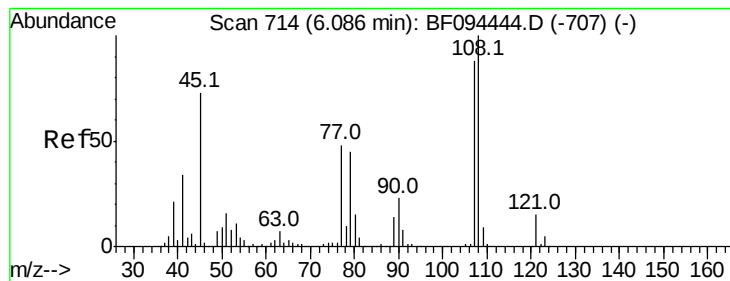
Delta R.T. 0.00 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Tgt Ion:	45	Resp:	701918
Ion Ratio	Lower	Upper	
45	100		
77	37.4	0.0	33.2#
79	34.3	0.0	30.0#





#17

2-Methylphenol

Concen: 55.75 ng

RT: 6.09 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:107 Resp: 462169
Ion Ratio Lower Upper

107 100

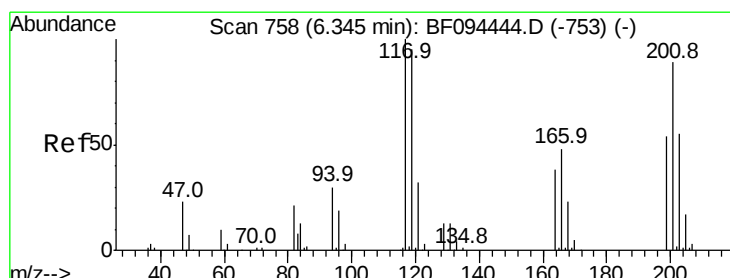
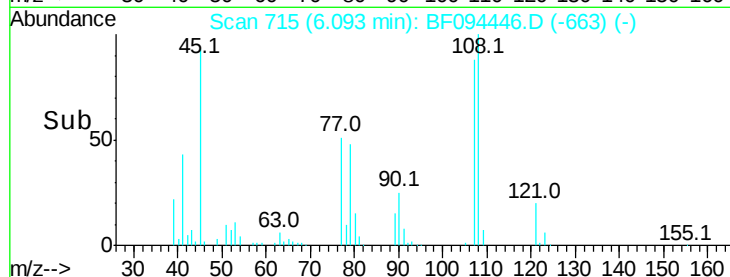
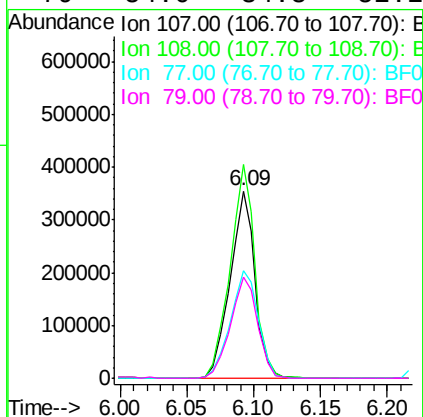
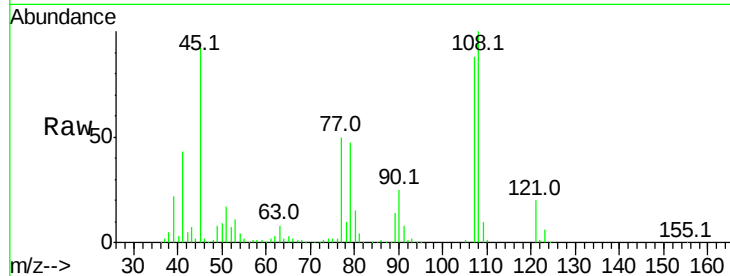
108 114.1 93.4 140.0

77 57.6 35.8 53.6#

79 54.0 34.8 52.2#

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#18

Hexachloroethane

Concen: 59.38 ng

RT: 6.35 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF094446.D

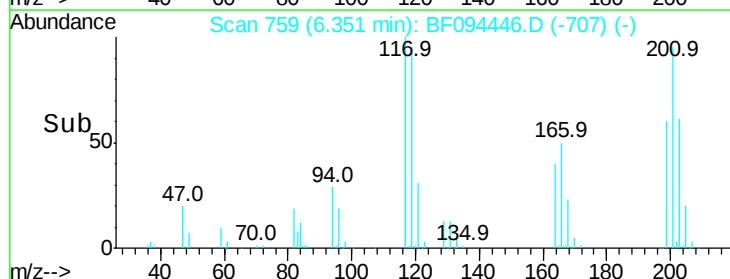
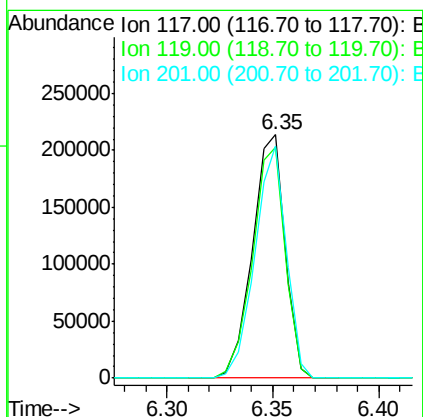
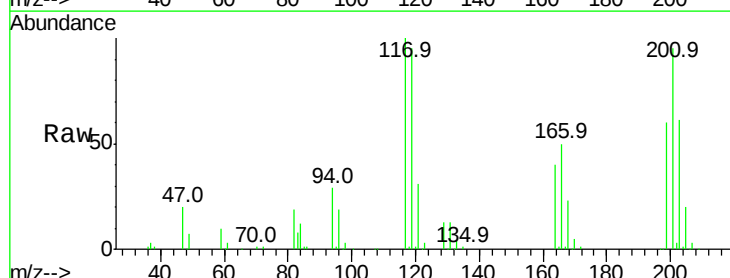
Acq: 17 Apr 2017 13:39

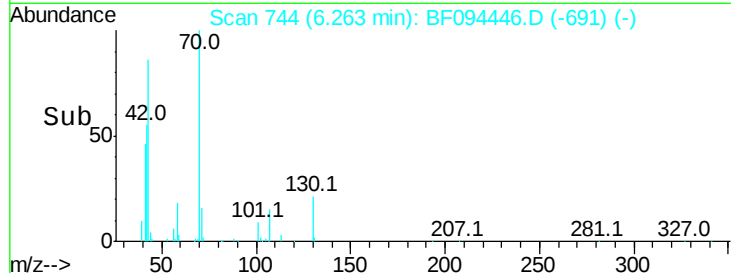
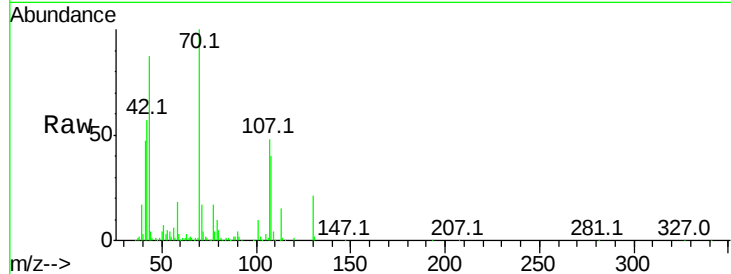
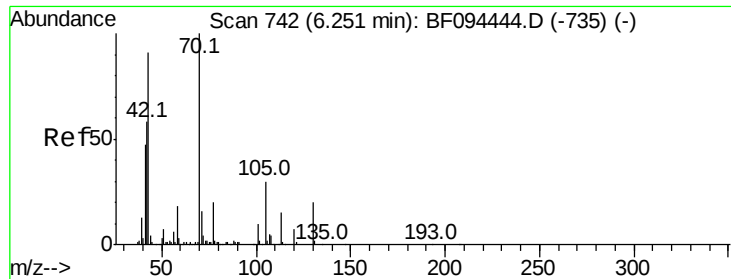
Tgt Ion:117 Resp: 229523
Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.0

201 95.3 94.6 141.8





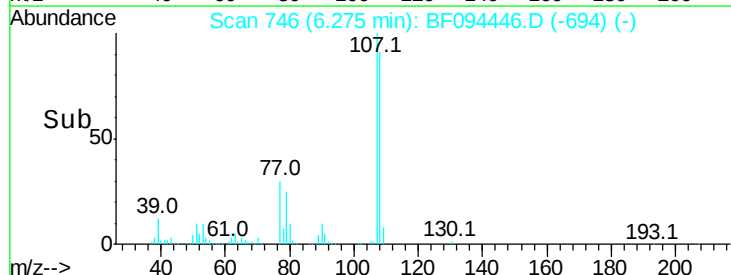
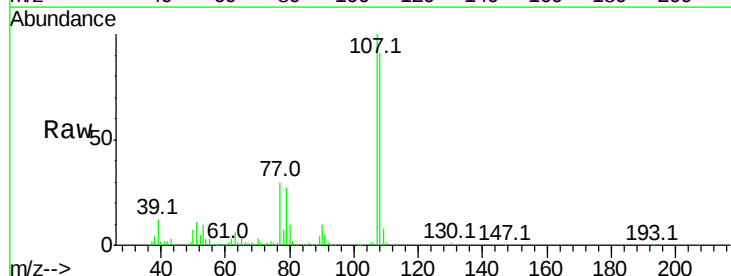
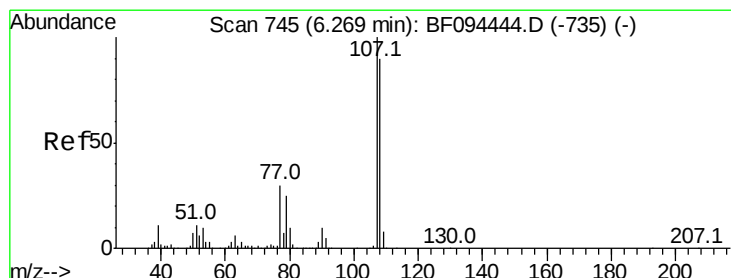
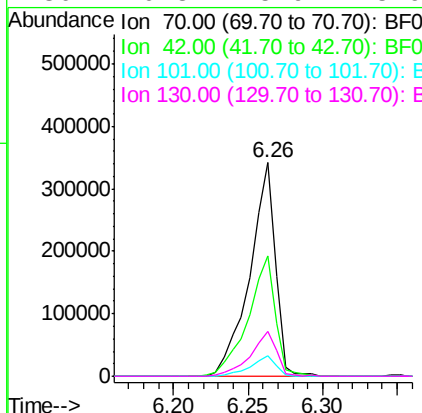
#19
n-Nitroso-di-n-propylamine
Concen: 57.80 ng
RT: 6.26 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.2	70.8
101	9.5	7.2	10.8
130	20.8	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

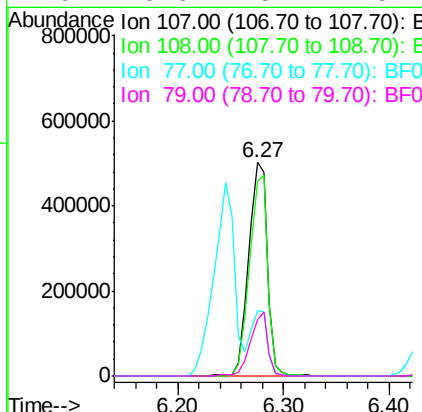
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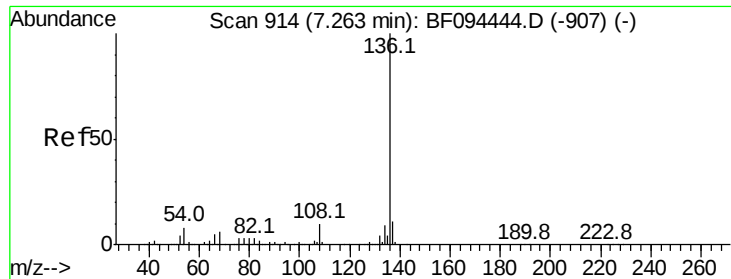
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#20
3+4-Methylphenols
Concen: 62.26 ng
RT: 6.27 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.0	111.0
77	30.3	90.5	130.5#
79	26.6	8.4	48.4





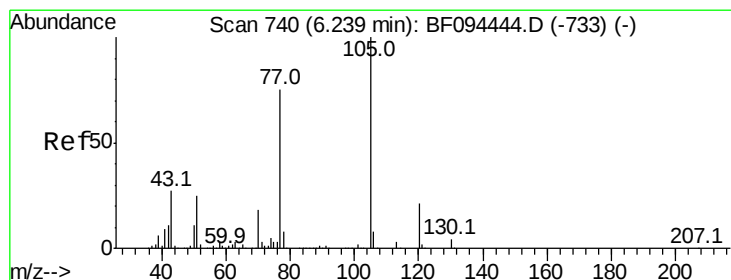
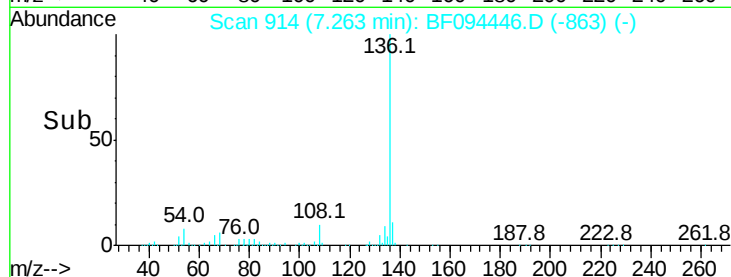
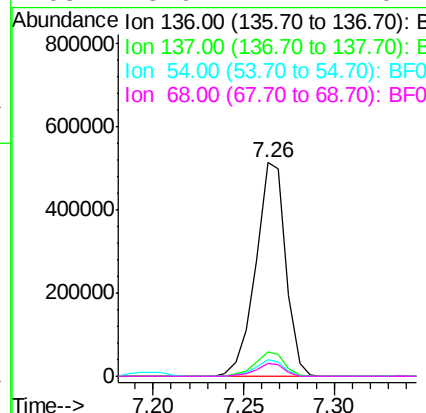
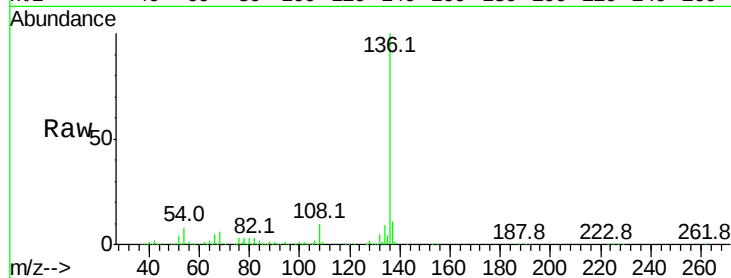
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.5	12.7	
54	7.8	4.9	7.3#	
68	5.9	4.1	6.1	

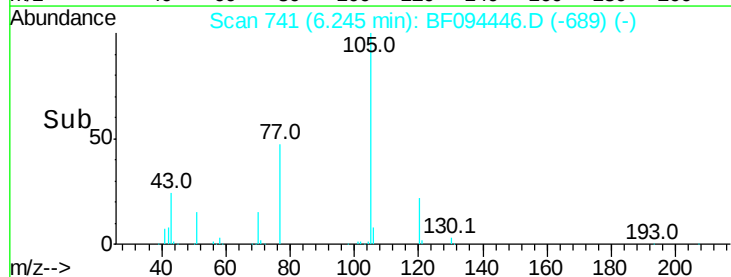
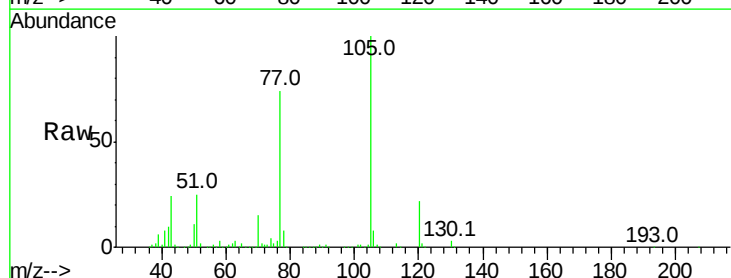
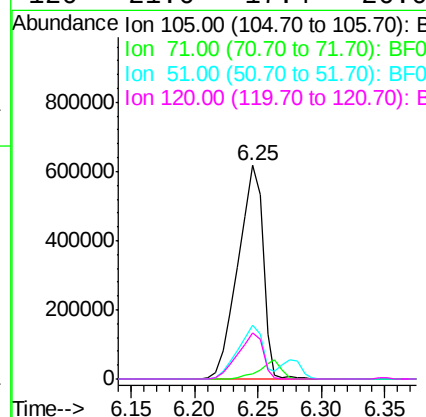
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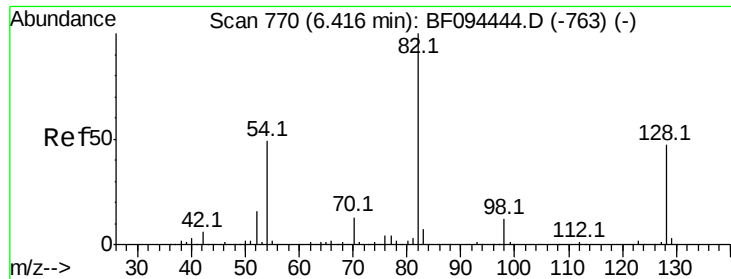
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#22
Acetophenone
Concen: 64.18 ng
RT: 6.25 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.4	2.8	4.2#	
51	25.1	30.7	46.1#	
120	21.6	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 109.79 ng

RT: 6.42 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1134196

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

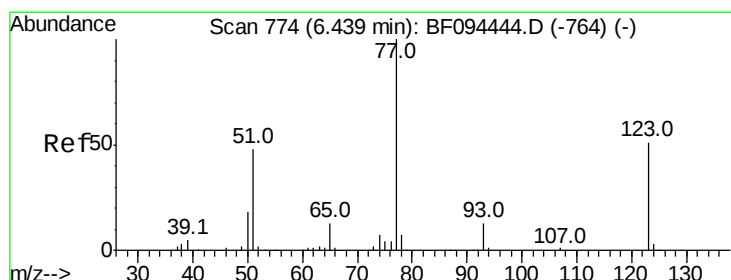
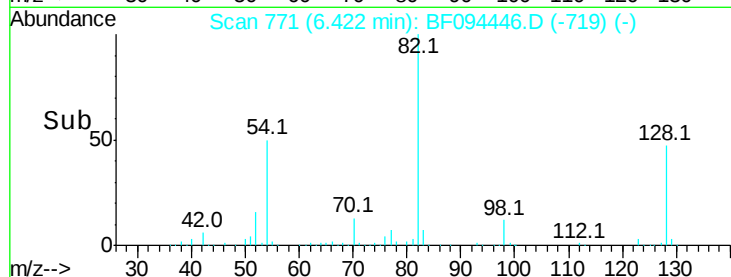
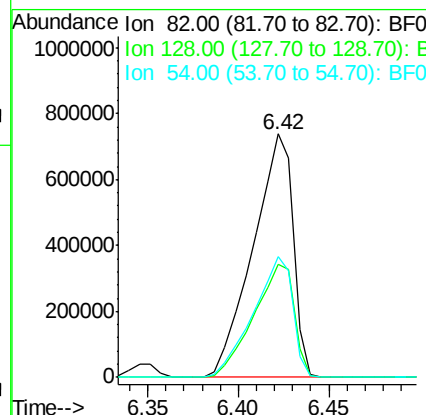
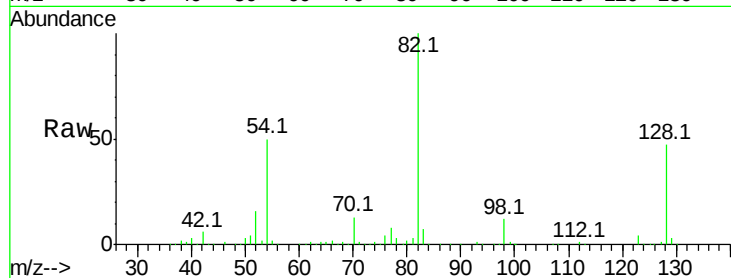
54 49.6 42.2 63.2

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#24

Nitrobenzene

Concen: 57.96 ng

RT: 6.45 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

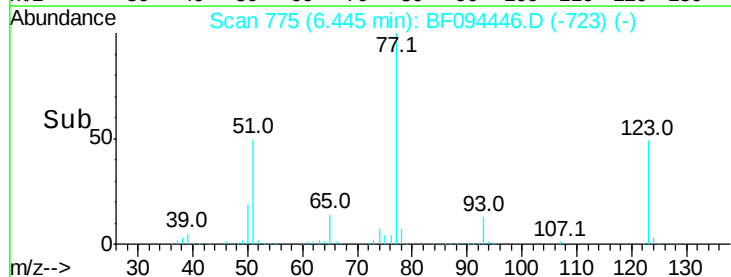
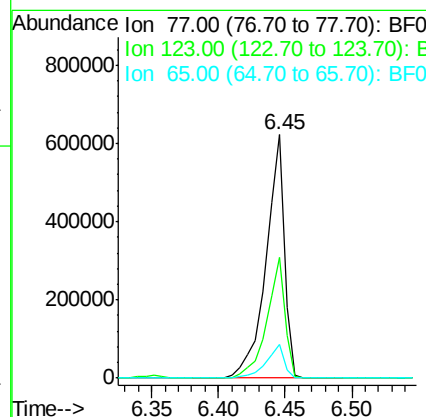
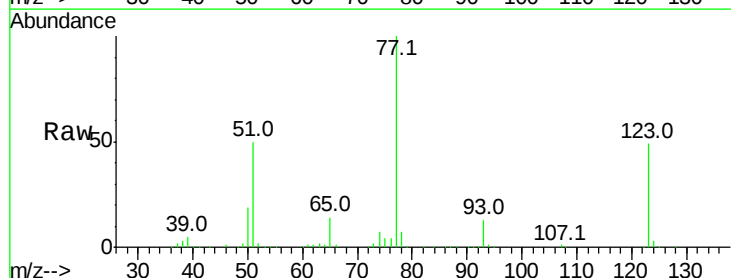
Tgt Ion: 77 Resp: 590580

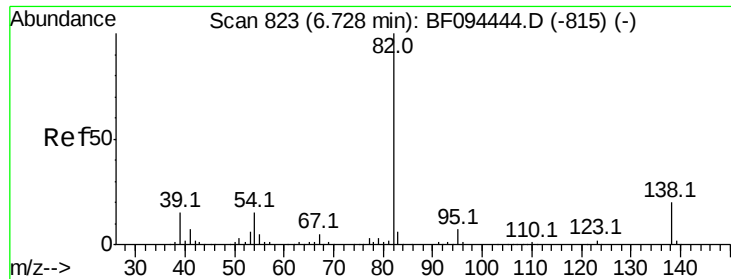
Ion Ratio Lower Upper

77 100

123 49.4 35.8 53.8

65 13.7 10.6 15.8





#25

Isophorone

Concen: 58.49 ng

RT: 6.73 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1061722

Ion Ratio Lower Upper

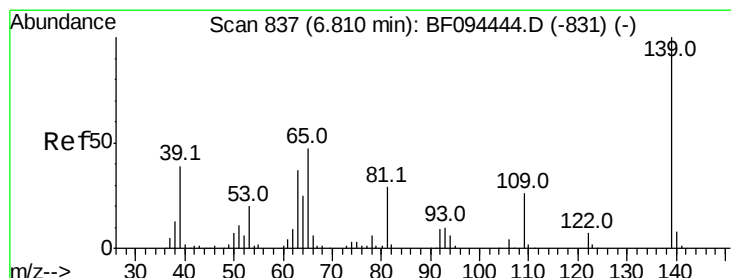
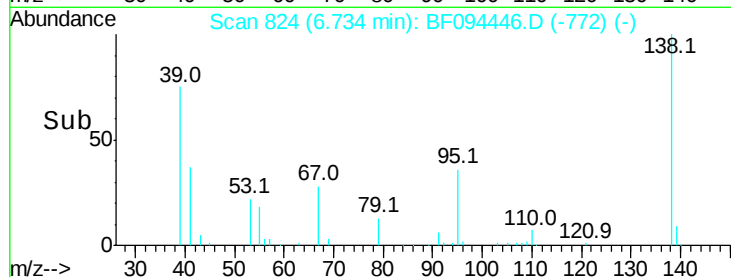
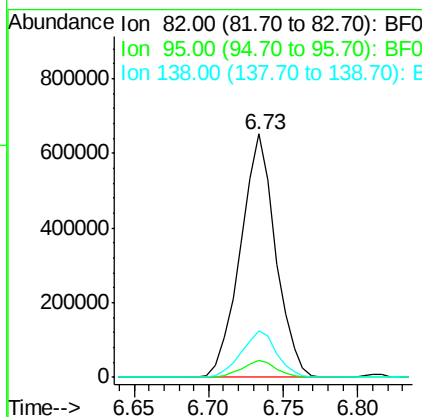
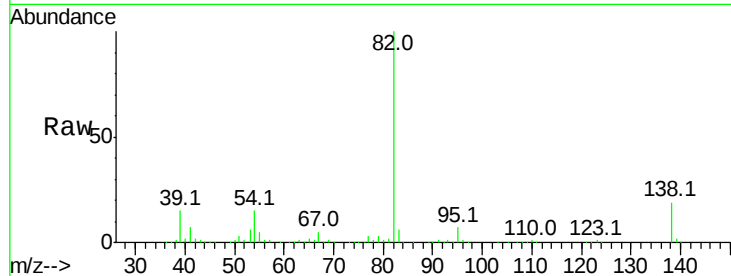
82 100

95 6.8 5.3 7.9

138 19.2 13.1 19.7

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#26

2-Nitrophenol

Concen: 67.98 ng

RT: 6.82 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

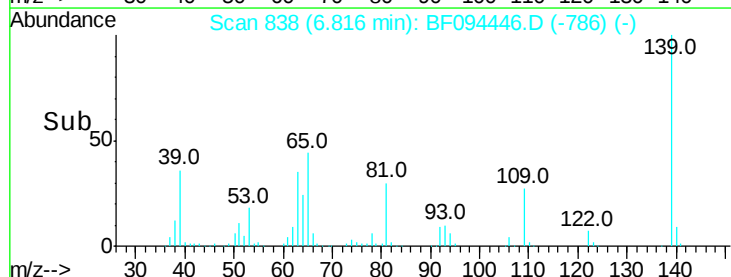
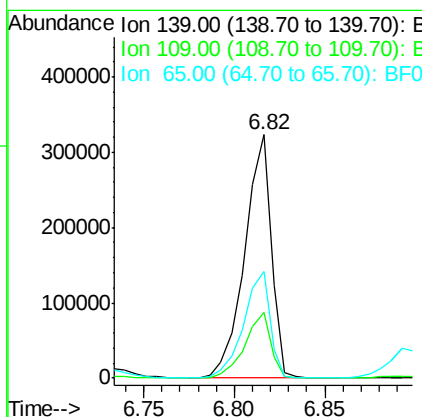
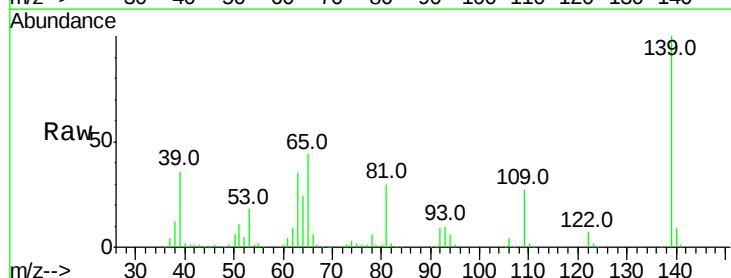
Tgt Ion: 139 Resp: 330332

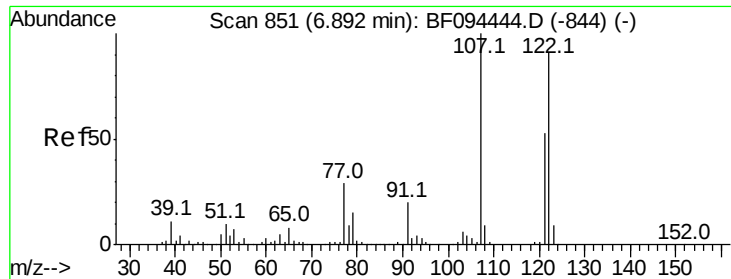
Ion Ratio Lower Upper

139 100

109 26.9 21.0 31.6

65 43.7 33.0 49.6





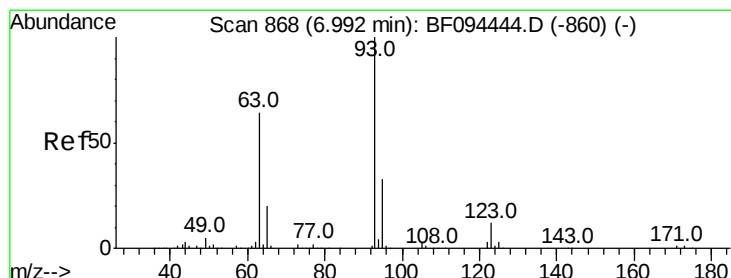
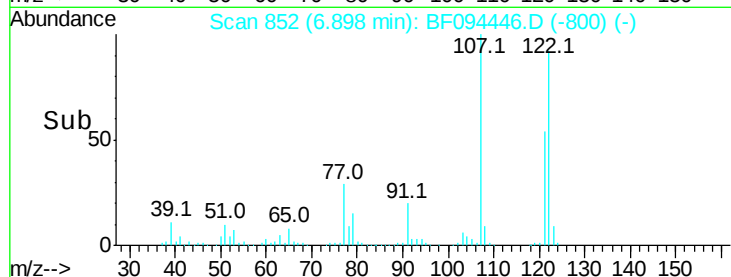
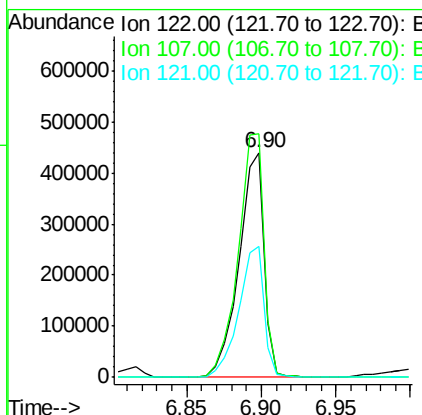
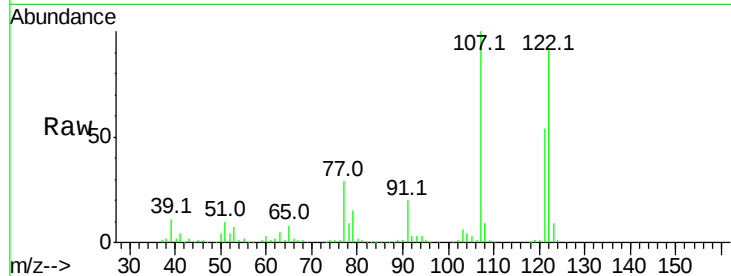
#27
2,4-Dimethylphenol
Concen: 61.58 ng
RT: 6.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	108.4	89.2	133.8	
121	58.2	45.2	67.8	

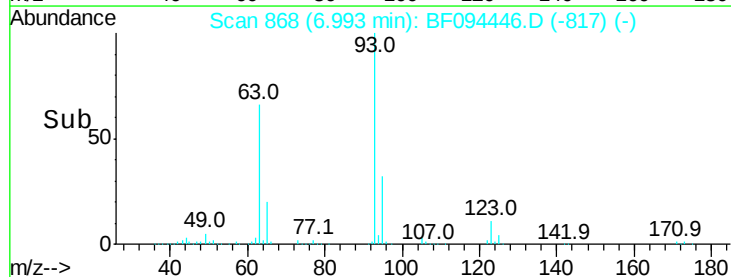
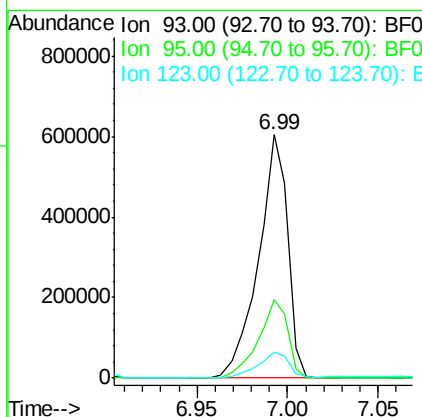
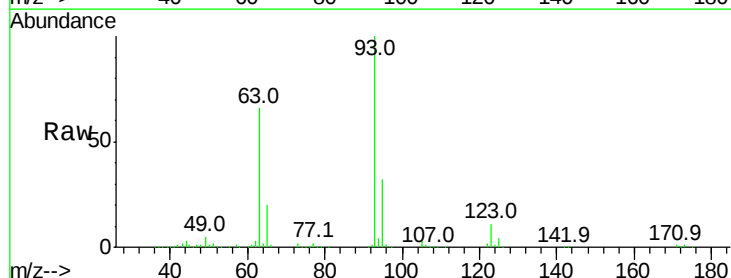
Manual Integrations
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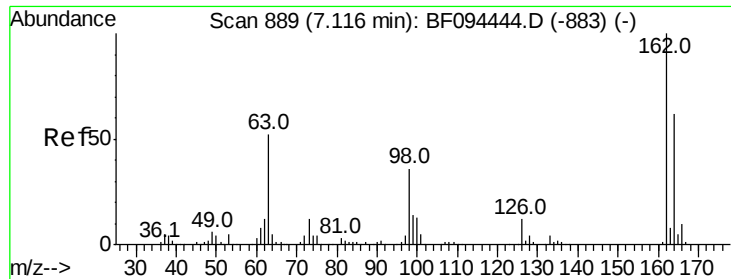
mohammad
4/18/2017 3:07:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 56.40 ng
RT: 6.99 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.4	26.5	39.7	
123	10.9	9.0	13.4	





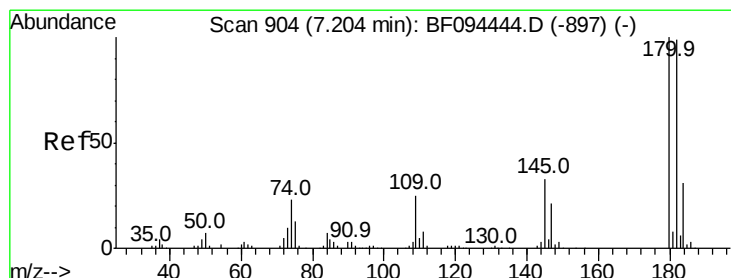
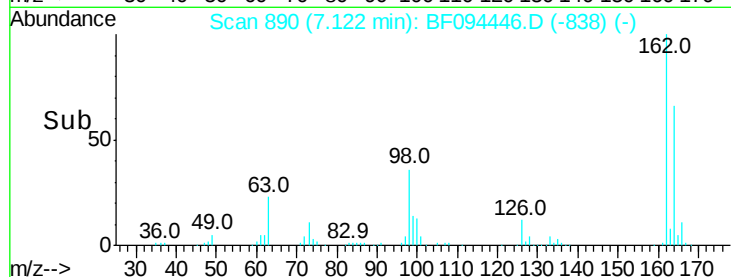
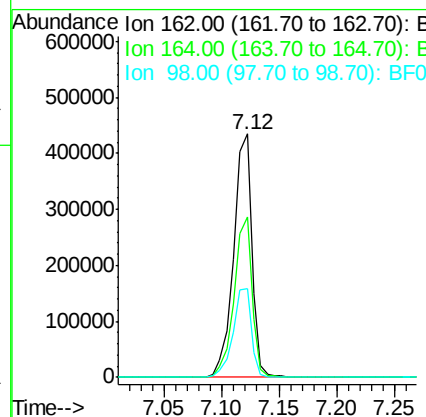
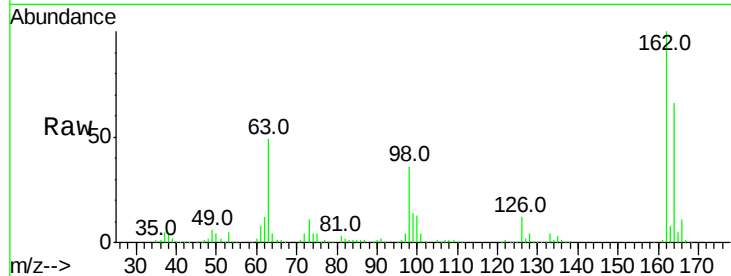
#29
 2,4-Dichlorophenol
 Concen: 61.08 ng
 RT: 7.12 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	478167		
164	66.1	44.6	84.6	
98	36.5	14.8	54.8	

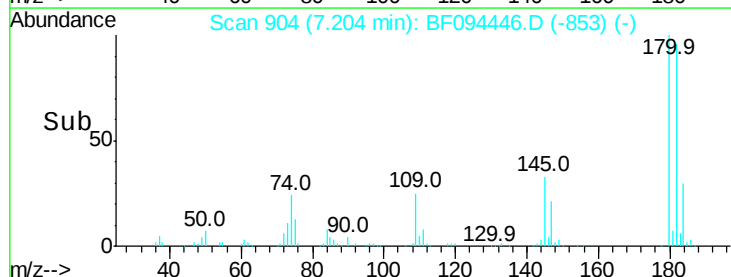
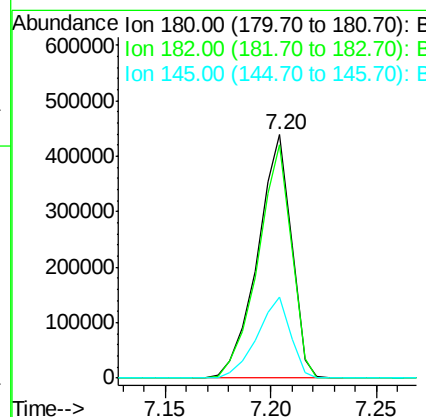
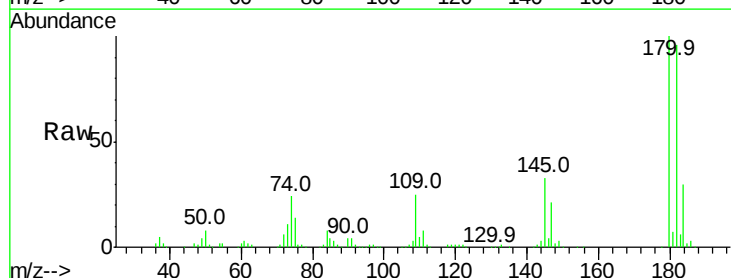
Manual Integrations
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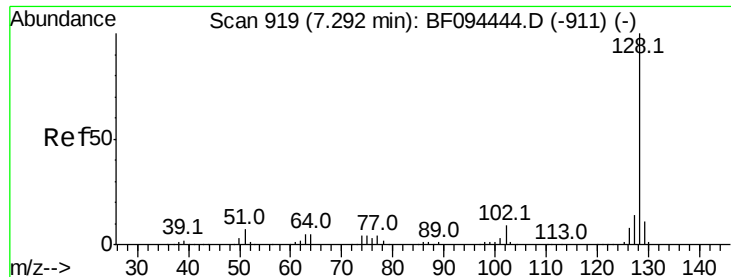
mohammad
 4/18/2017 3:07:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 60.66 ng
 RT: 7.20 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	489082		
182	96.0	75.8	113.6	
145	33.4	25.3	37.9	





#31

Naphthalene

Concen: 56.86 ng

RT: 7.29 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 1611779

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

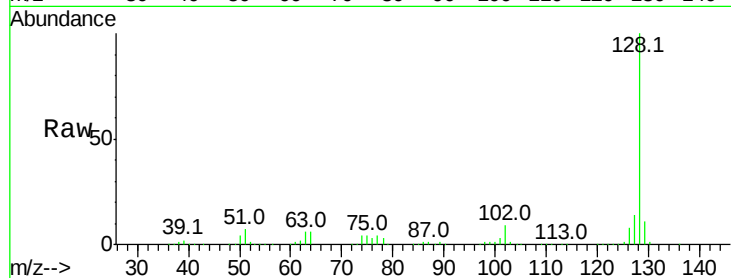
127 13.8 10.8 16.2

Manual Integrations

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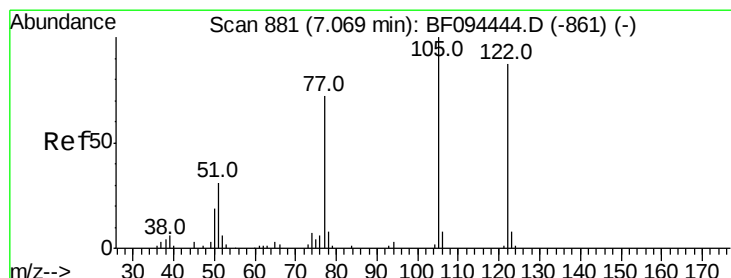
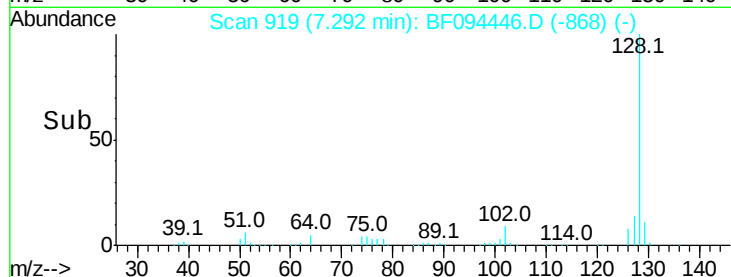
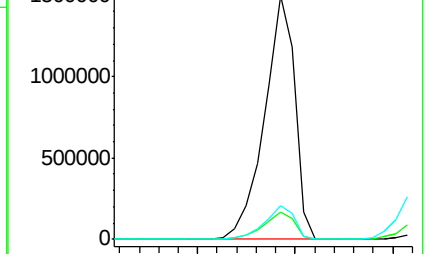
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.45 ng

RT: 7.10 min Scan# 886

Delta R.T. 0.03 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

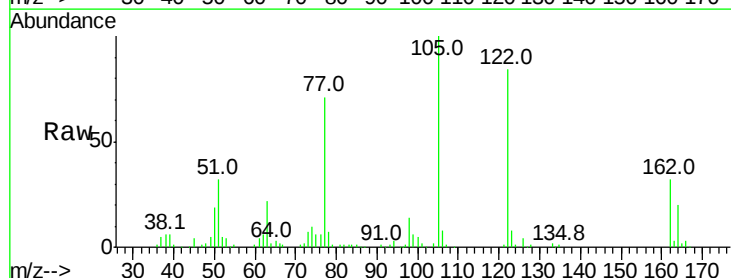
Tgt Ion:122 Resp: 303466

Ion Ratio Lower Upper

122 100

105 119.4 103.3 143.3

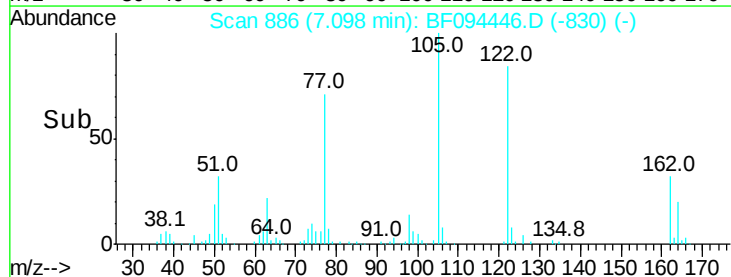
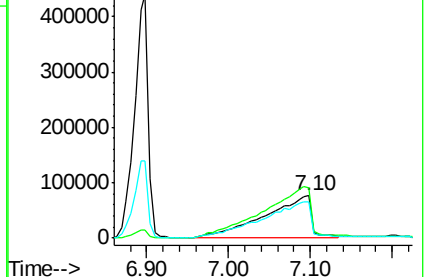
77 85.4 73.7 113.7

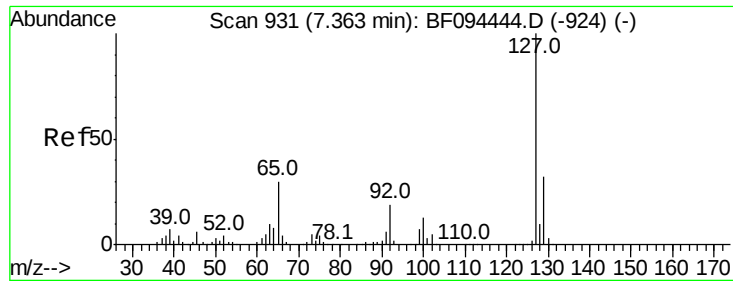


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





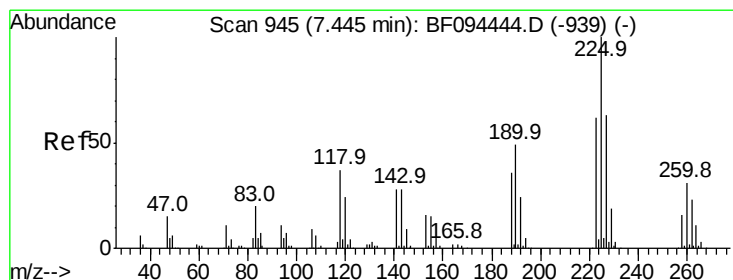
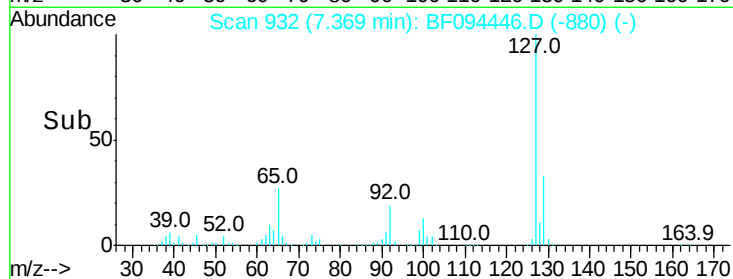
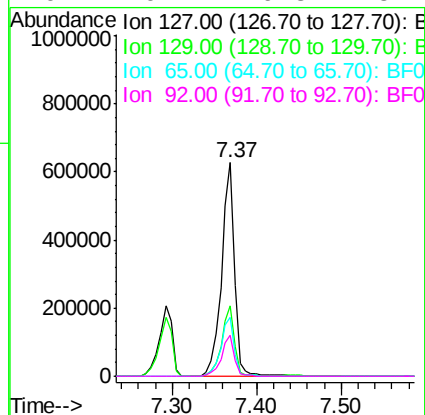
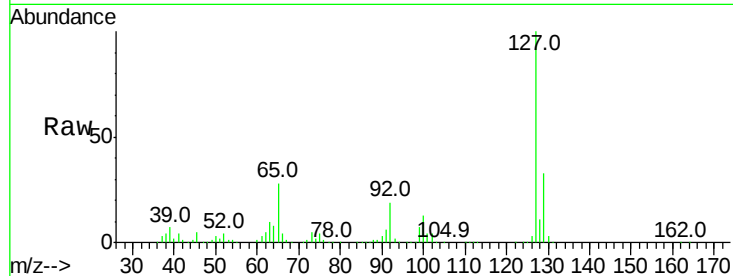
#33
4-Chloroaniline
Concen: 59.64 ng
RT: 7.37 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.2	39.2	
65	27.6	27.8	41.8	
92	19.2	16.8	25.2	

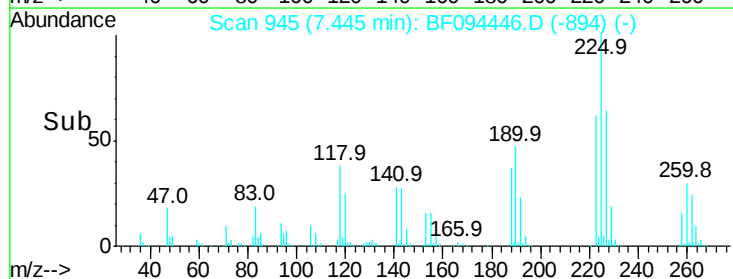
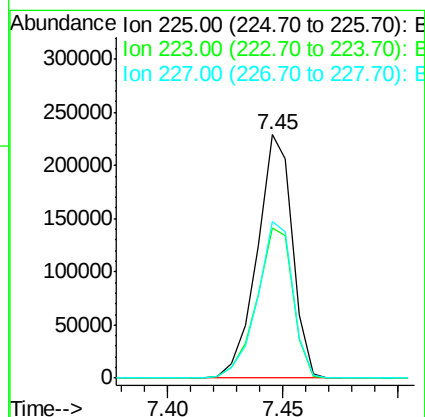
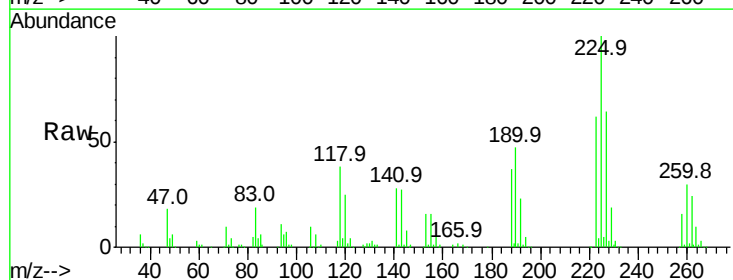
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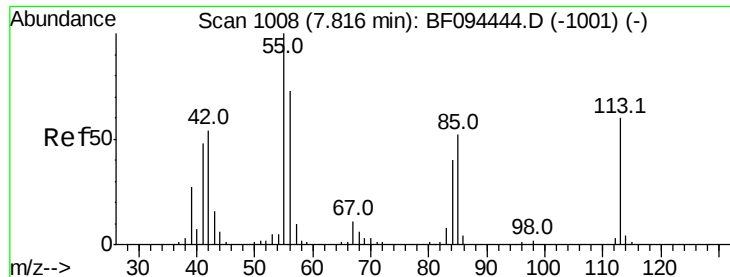
mohammad
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#34
Hexachlorobutadiene
Concen: 58.77 ng
RT: 7.45 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	48.8	73.2	
227	64.5	51.1	76.7	





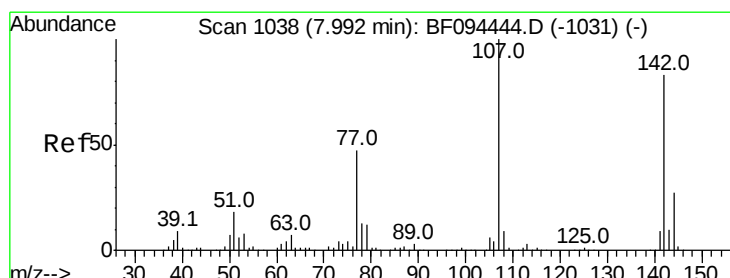
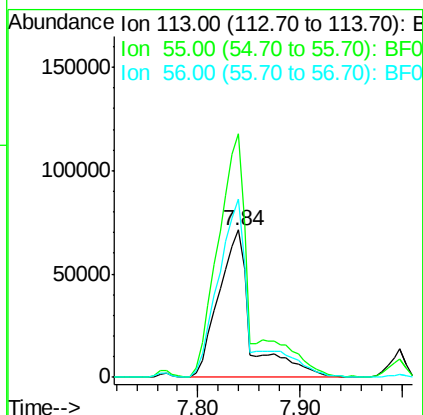
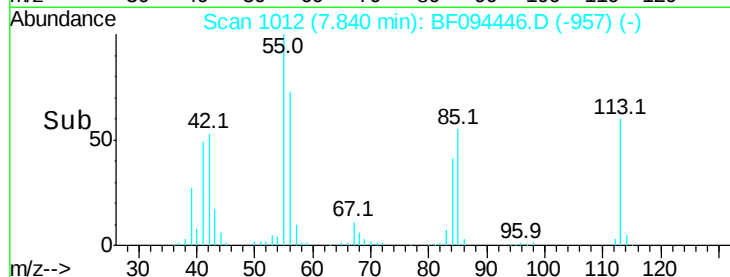
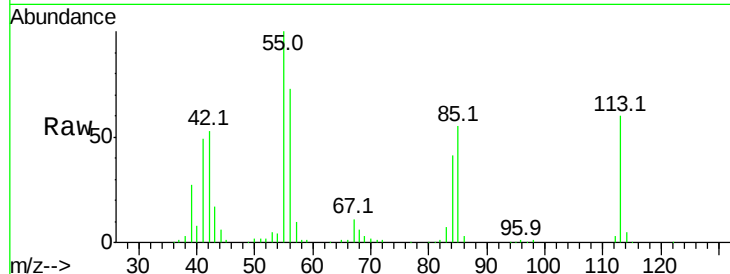
#35
 Caprolactam
 Concen: 63.07 ng/ml
 RT: 7.84 min Scan# 1012
 Delta R.T. 0.02 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		157448		
55	165.5	150.2	190.2		
56	121.0	107.8	147.8		

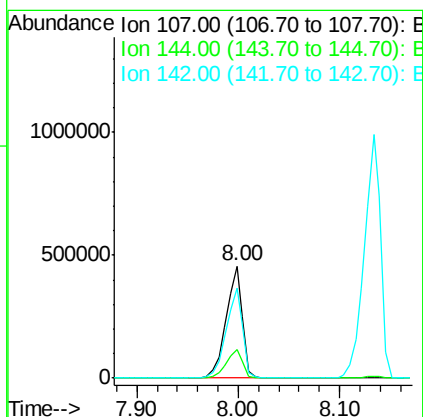
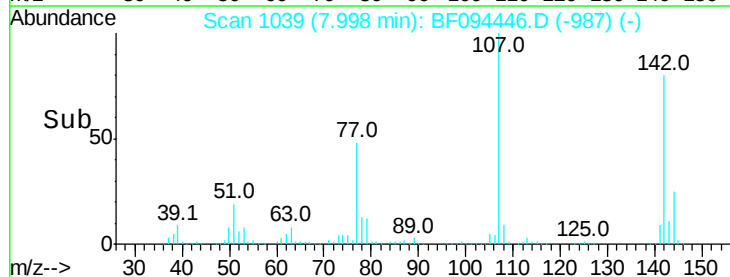
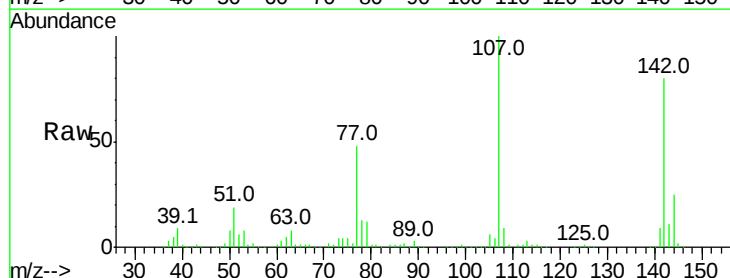
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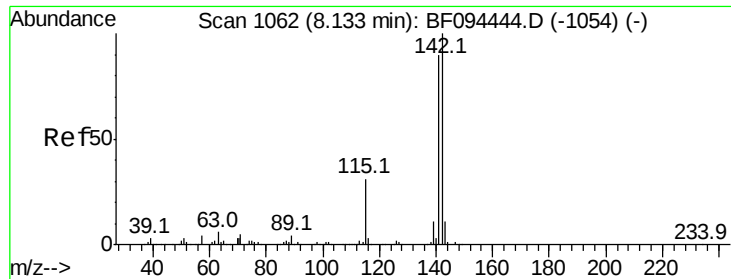
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 61.85 ng/ml
 RT: 8.00 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		505928		
144	25.3	24.2	36.4		
142	80.3	73.4	110.0		





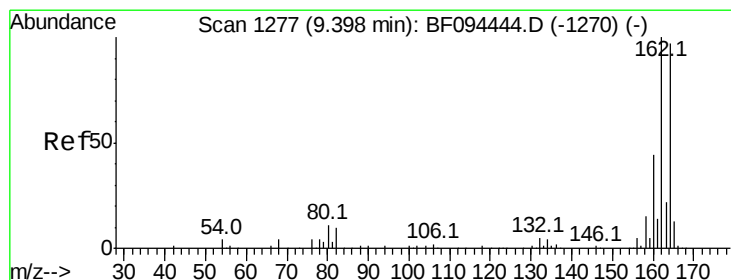
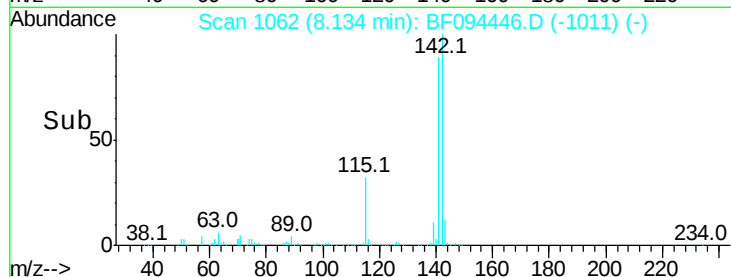
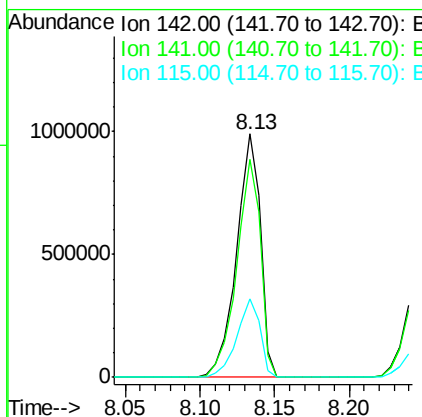
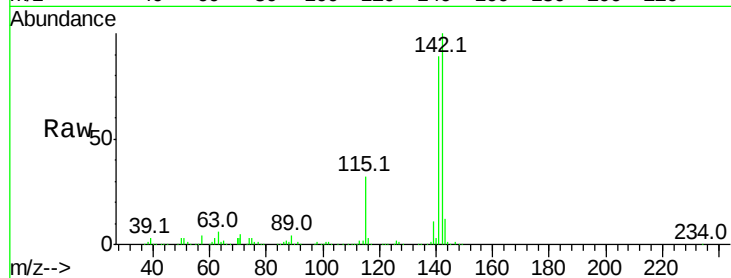
#37
 2-Methylnaphthalene
 Concen: 58.53 ng
 RT: 8.13 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.2	27.1	40.7

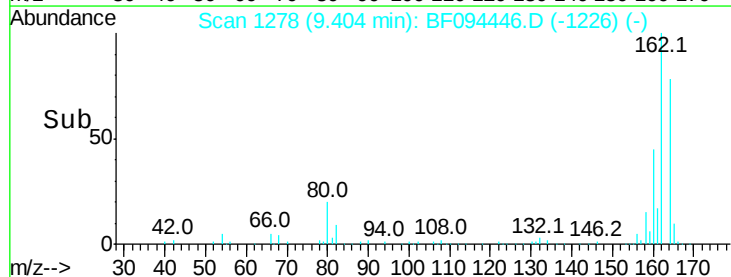
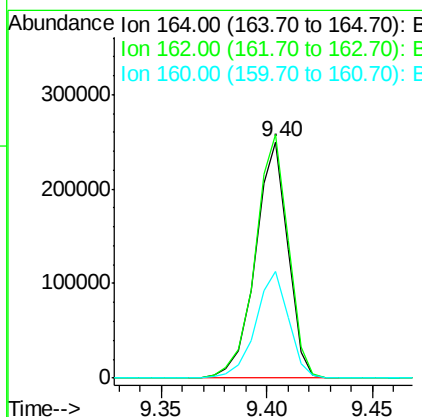
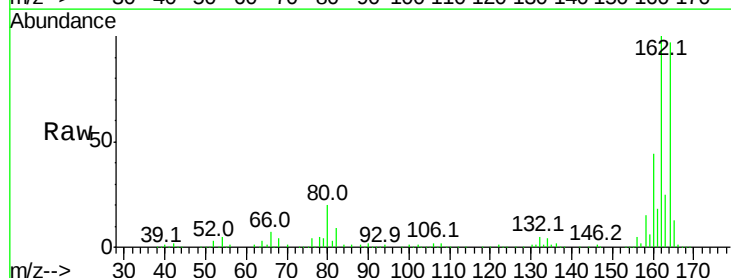
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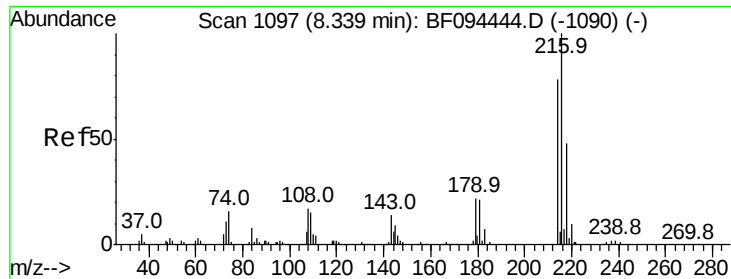
mohammad
 4/18/2017 3:07:48 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.3	36.2	54.2





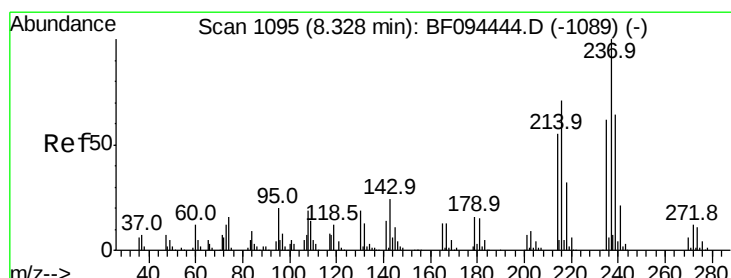
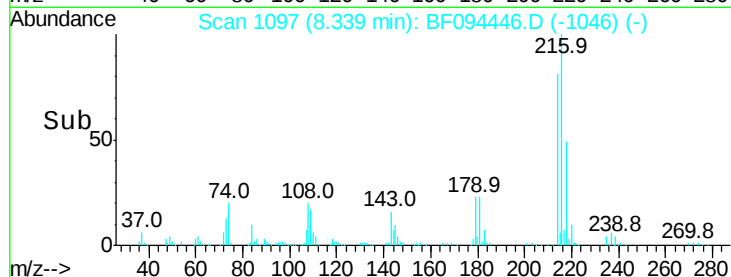
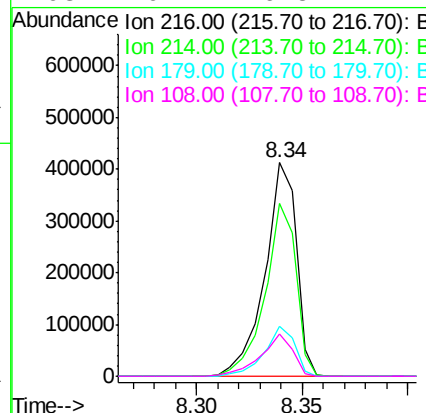
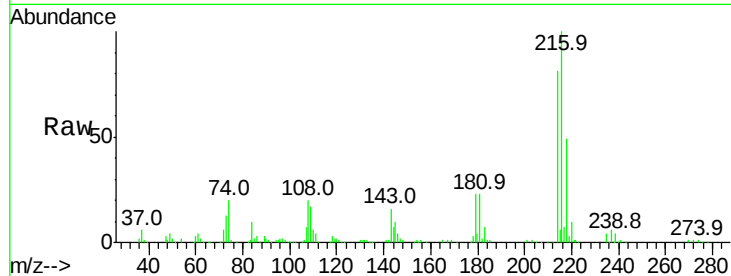
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.70 ng
 RT: 8.34 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
216	100	429548		
214	79.1	63.4	95.2	
179	22.6	17.9	26.9	
108	20.2	16.5	24.7	

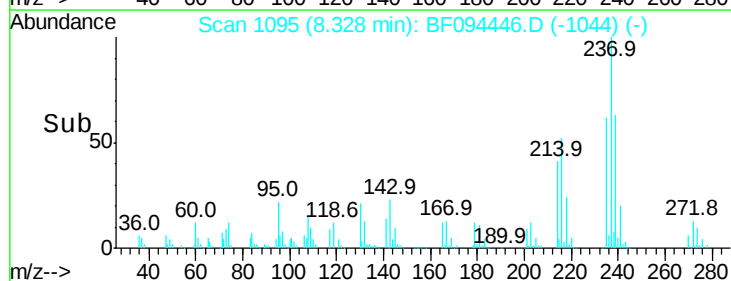
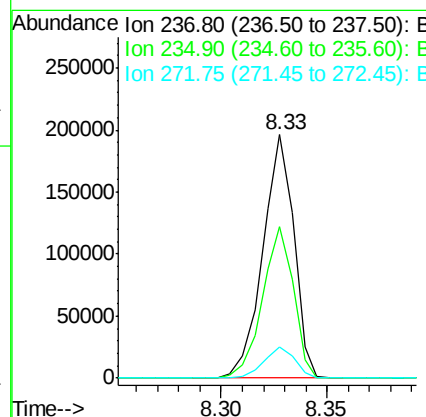
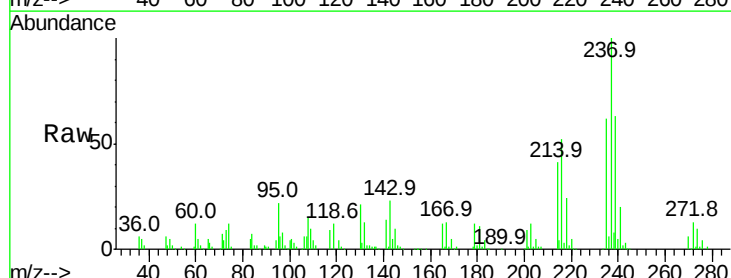
Manual Integrations
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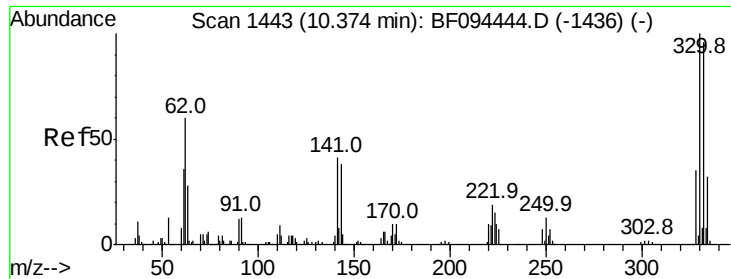
mohammad
 4/18/2017 3:07:48 PM



#40
 Hexachlorocyclopentadiene
 Concen: 58.76 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	201233		
235	62.2	42.6	82.6	
272	12.8	0.0	31.9	





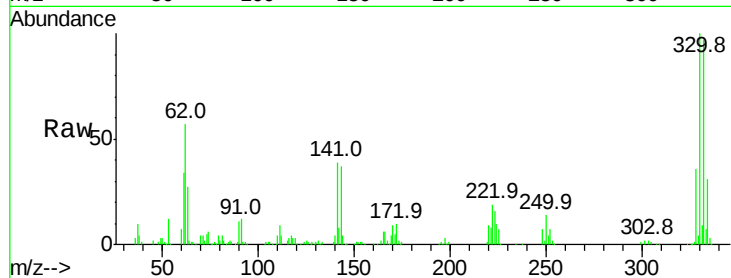
#41
 2,4,6-Tribromophenol
 Concen: 114.61 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

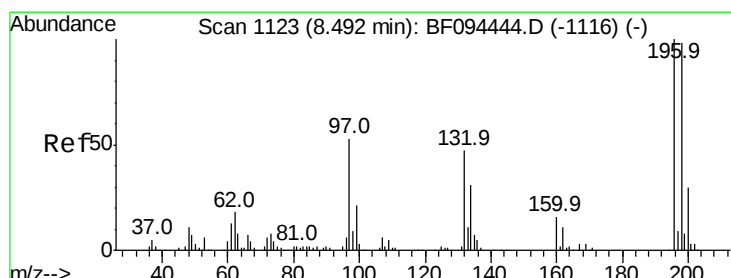
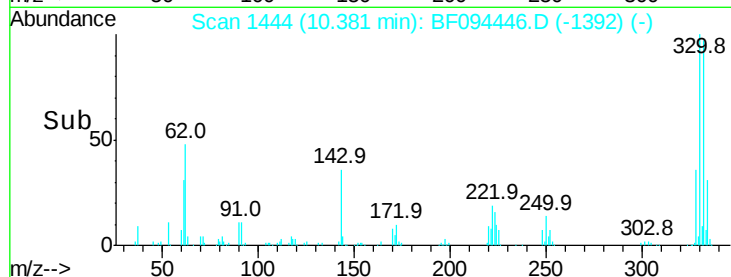
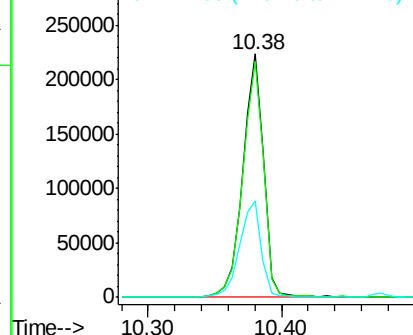
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	41.7	31.4	47.2

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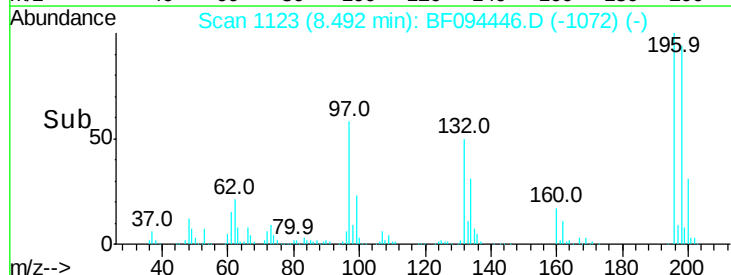
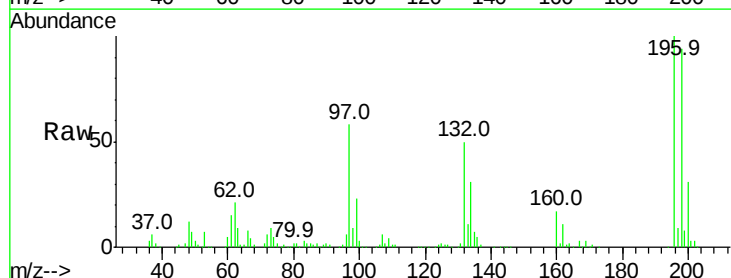
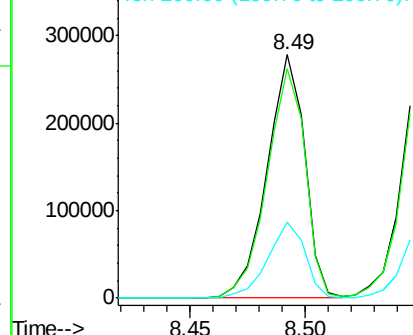
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

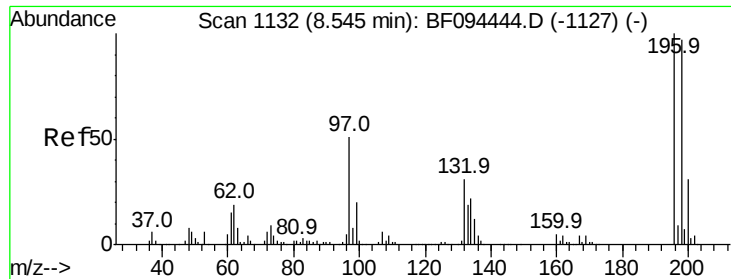


#42
 2,4,6-Trichlorophenol
 Concen: 61.15 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.2	111.4
200	31.2	24.0	36.0

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





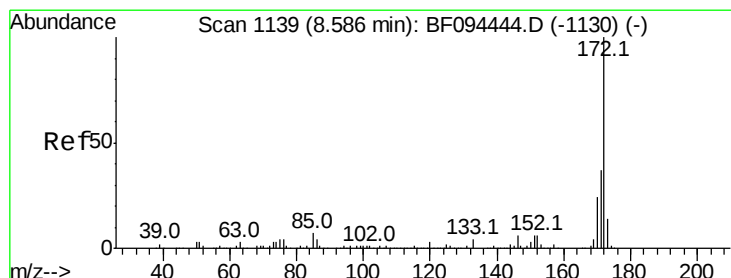
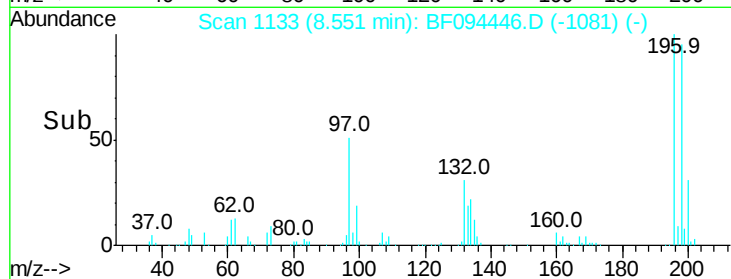
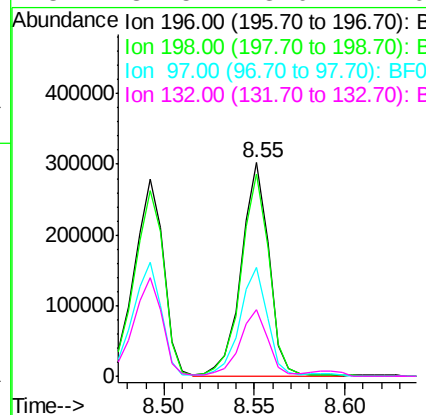
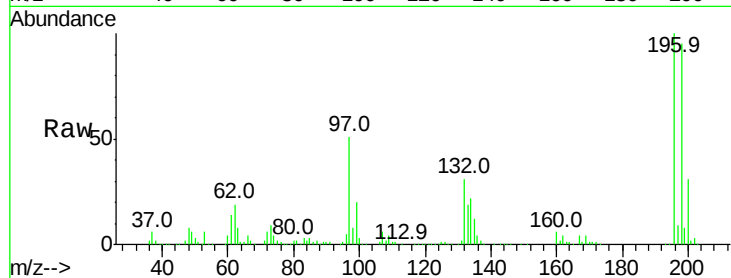
#43
 2,4,5-Trichlorophenol
 Concen: 57.02 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	196	Resp:	319423
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.7	113.5
97	50.9	47.7	71.5
132	31.5	28.0	42.0

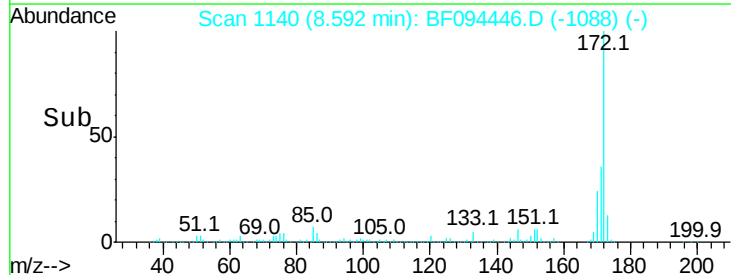
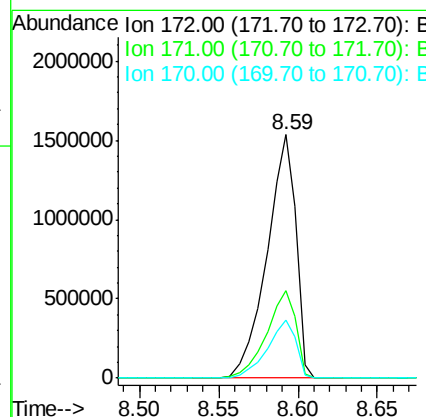
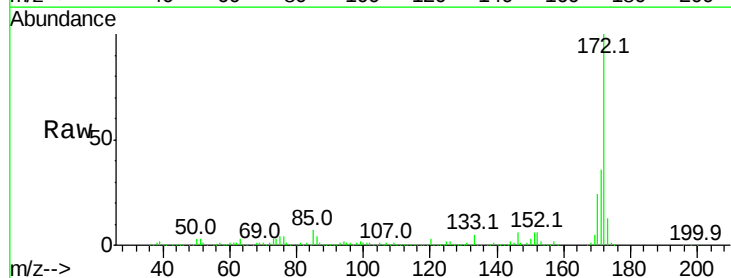
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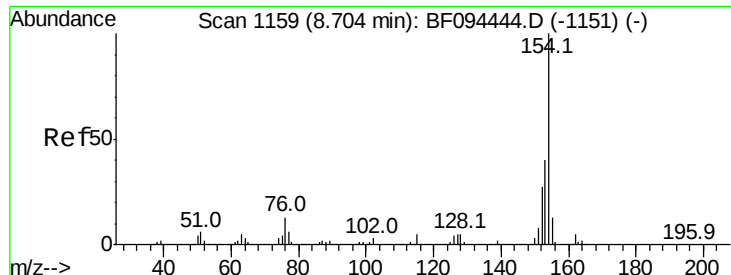
mohammad
 4/18/2017 3:07:48 PM



#44
 2-Fluorobiphenyl
 Concen: 111.33 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion:	172	Resp:	1952555
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8





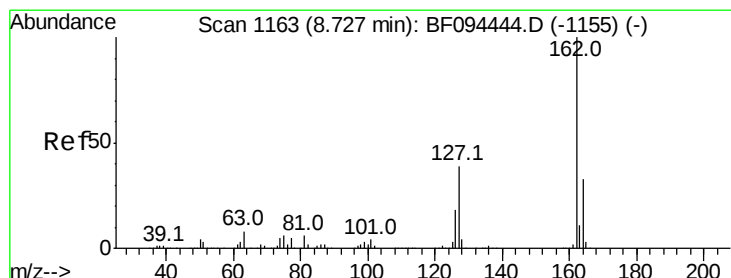
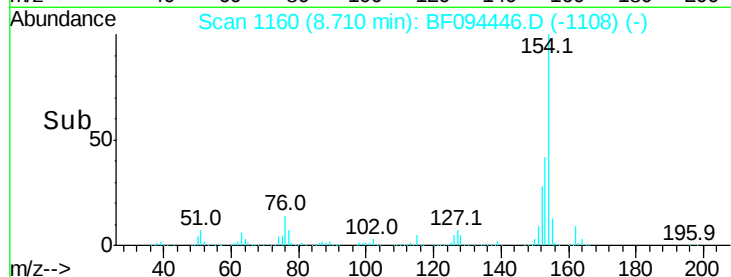
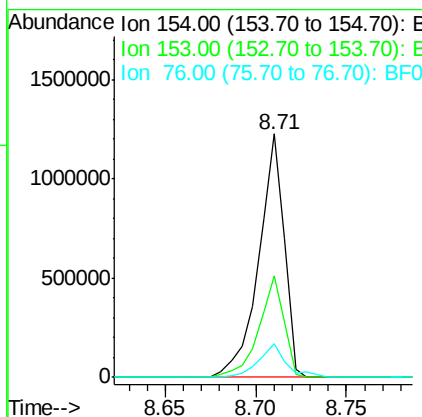
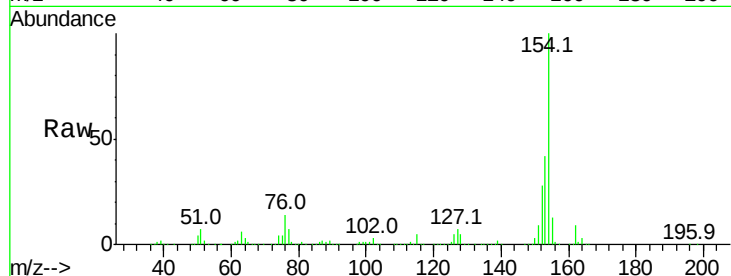
#45
 1,1'-Biphenyl
 Concen: 55.60 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	13.7	0.0	29.9

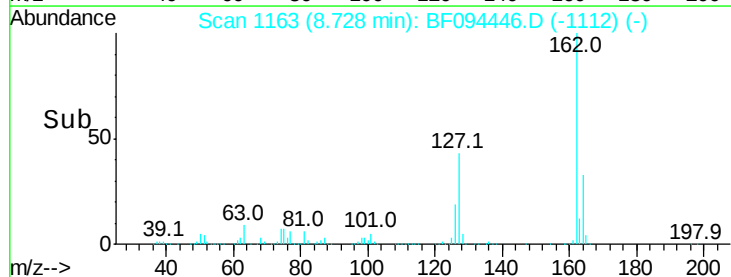
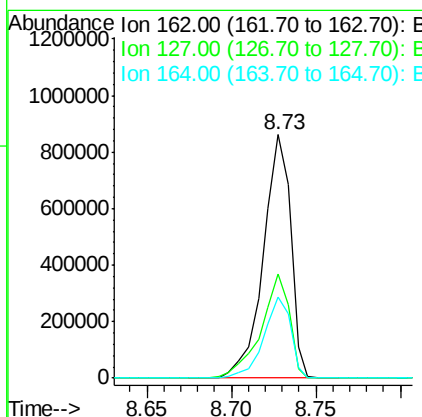
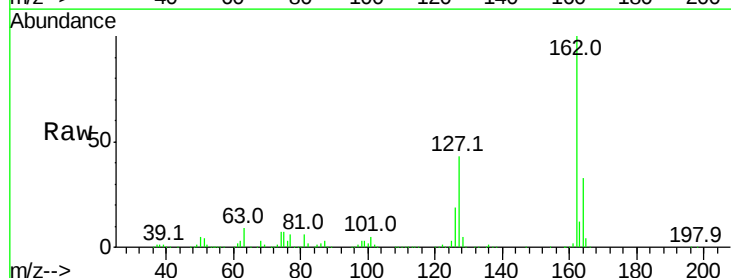
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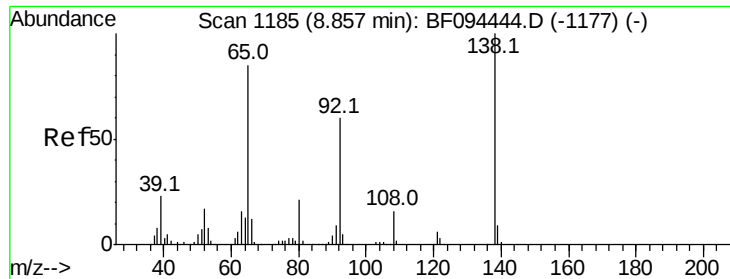
mohammad
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#46
 2-Chloronaphthalene
 Concen: 57.20 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	28.3	42.5#
164	33.3	27.0	40.4





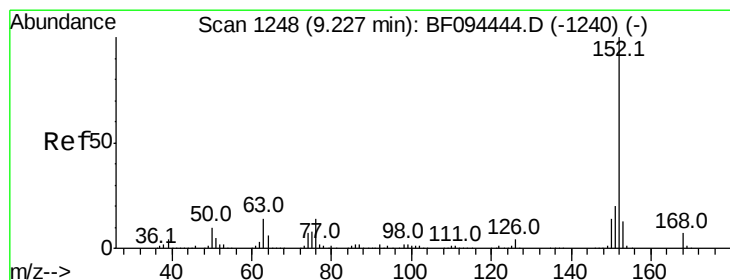
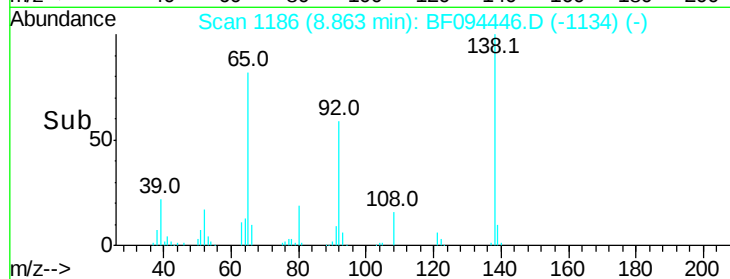
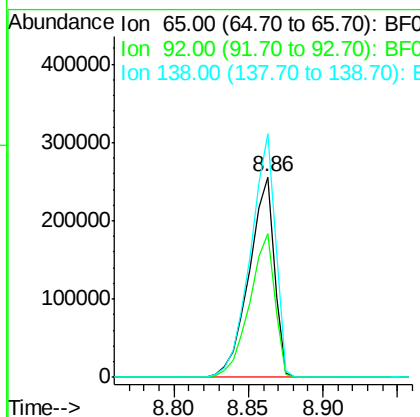
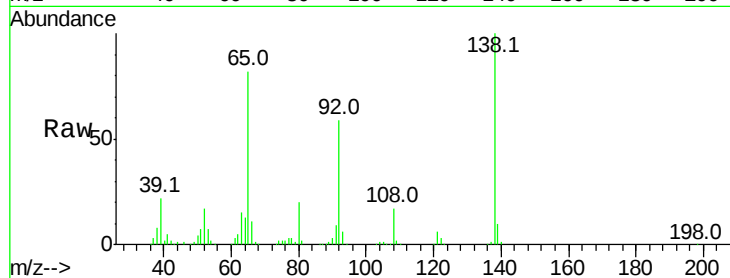
#47
2-Nitroaniline
Concen: 59.65 ng
RT: 8.86 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.9	80.9
138	121.3	78.8	118.2

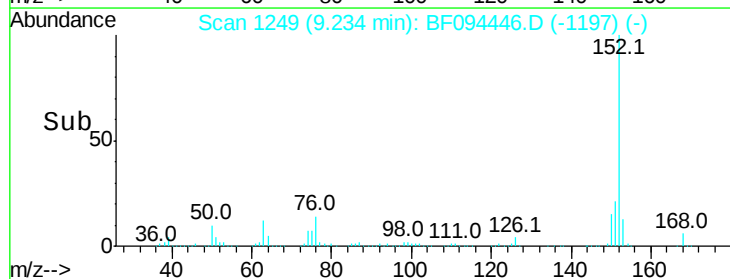
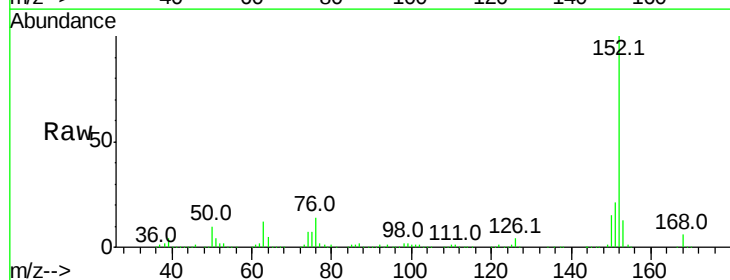
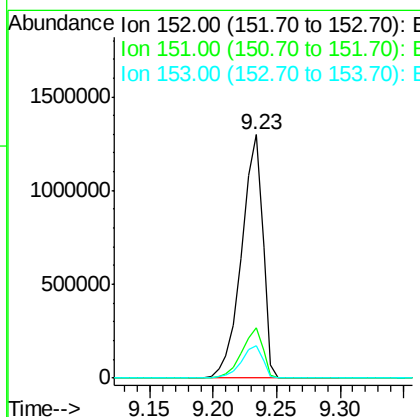
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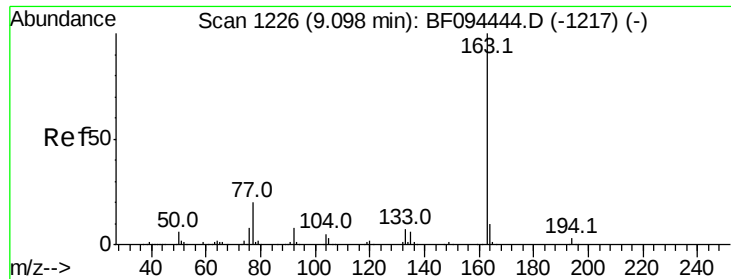
mohammad
4/18/2017 3:07:48 PM



#48
Acenaphthylene
Concen: 53.38 ng
RT: 9.23 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.3	10.8	16.2





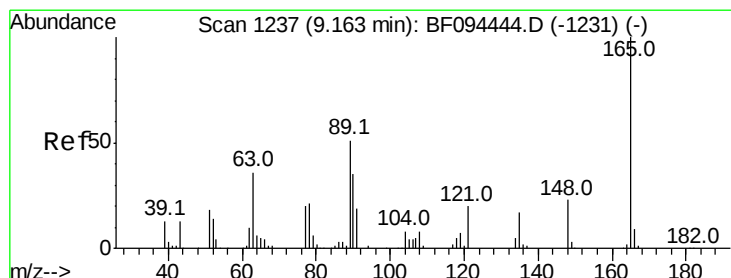
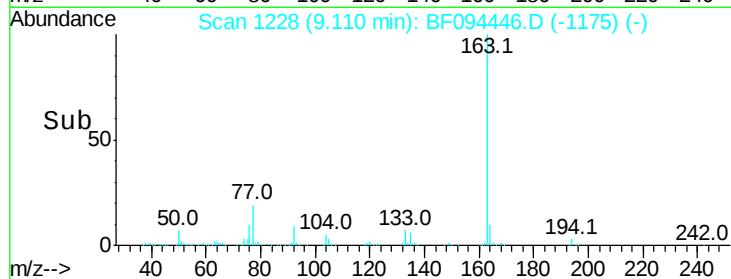
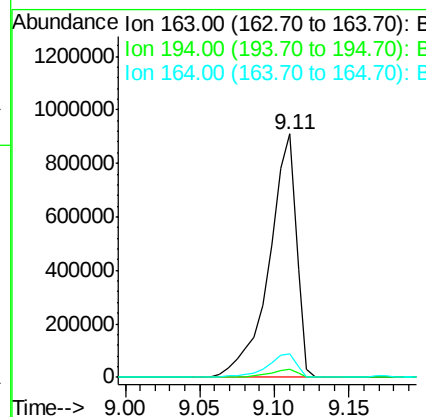
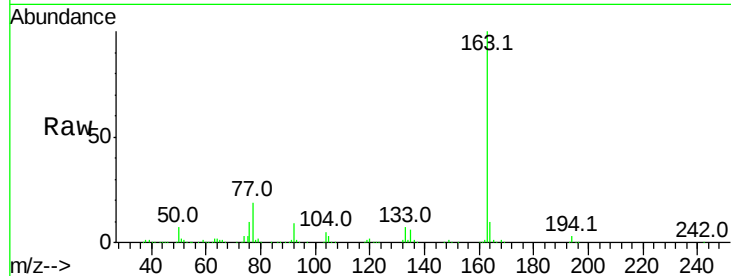
#49
Dimethylphthalate
Concen: 60.60 ng
RT: 9.11 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.4	12.6

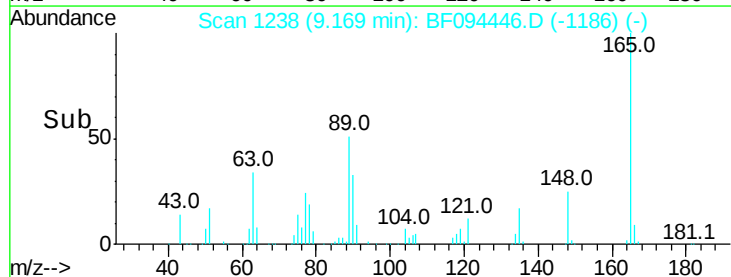
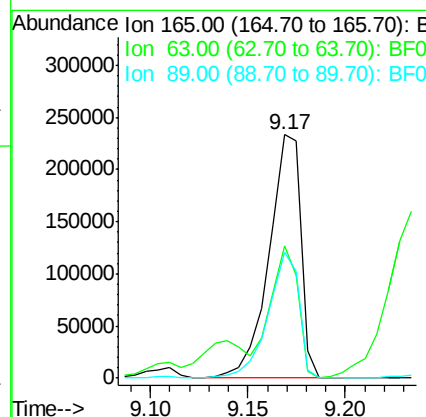
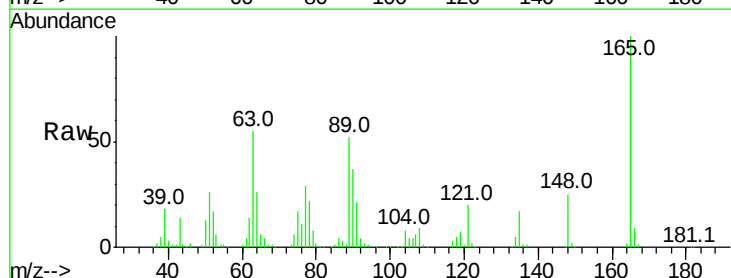
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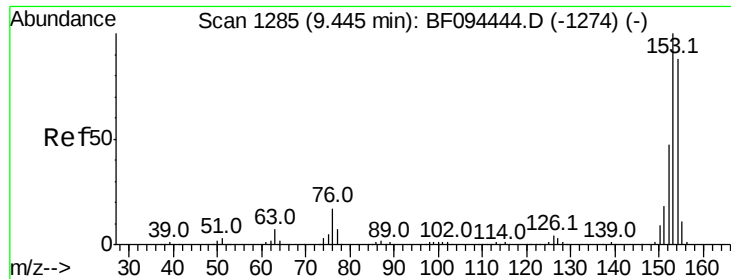
mohammad
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#50
2,6-Dinitrotoluene
Concen: 60.85 ng
RT: 9.17 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.6	34.3	51.5#
89	51.7	37.1	55.7





#51

Acenaphthene

Concen: 55.23 ng

RT: 9.45 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

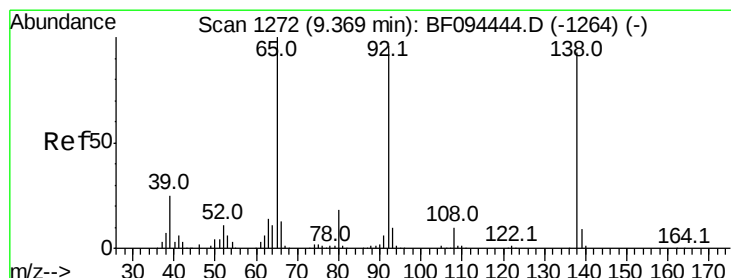
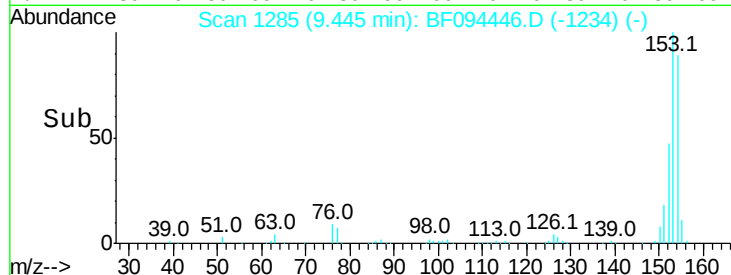
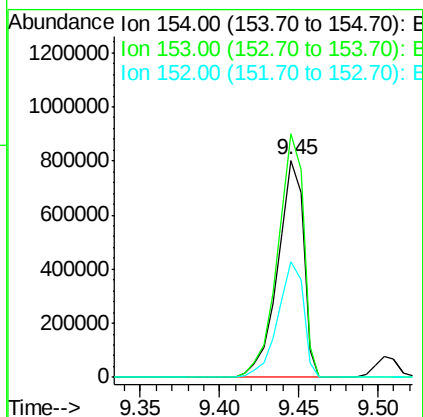
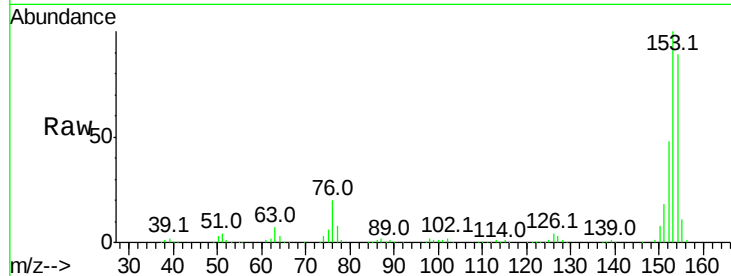
ClientSampleId :

SSTDIC060

Tot Ion:	154	Resp:	904656
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.5	135.7
152	53.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 59.46 ng

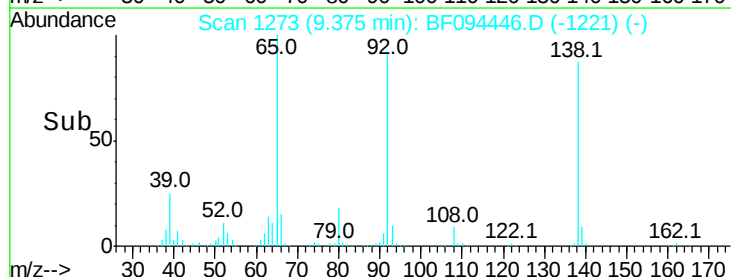
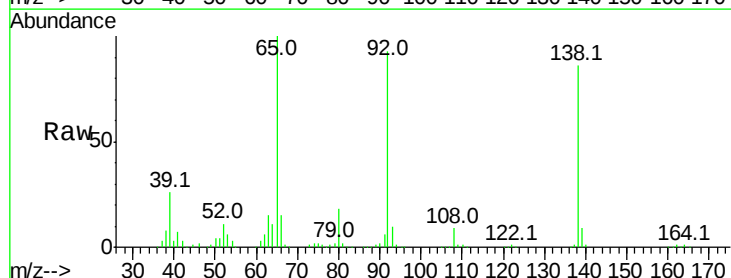
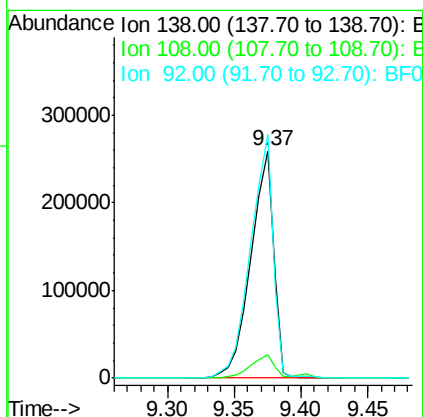
RT: 9.37 min Scan# 1273

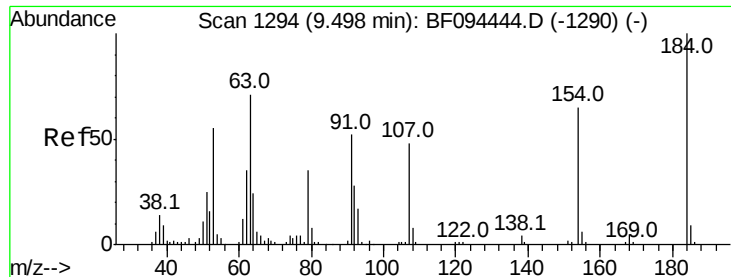
Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Tgt Ion:	138	Resp:	304354
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	107.1	93.8	140.6





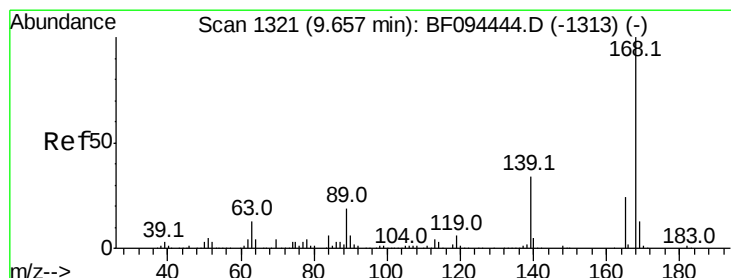
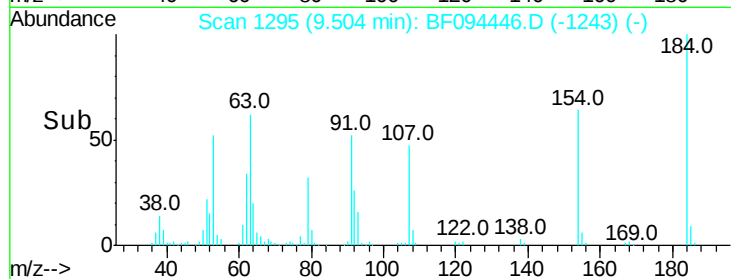
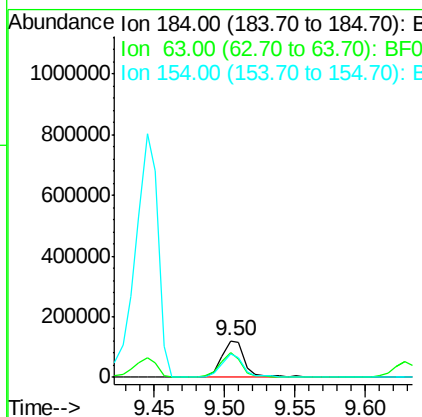
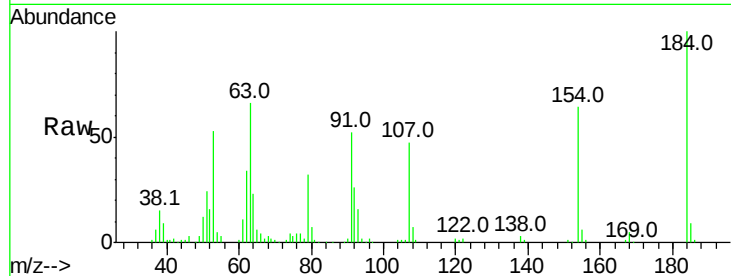
#53
 2,4-Dinitrophenol
 Concen: 68.41 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100	142112		
63	66.4	62.7	94.1	
154	64.2	81.1	121.7	

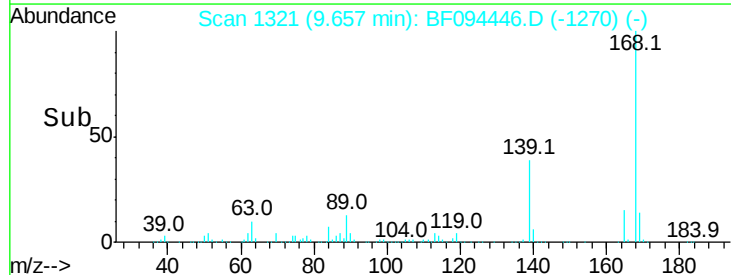
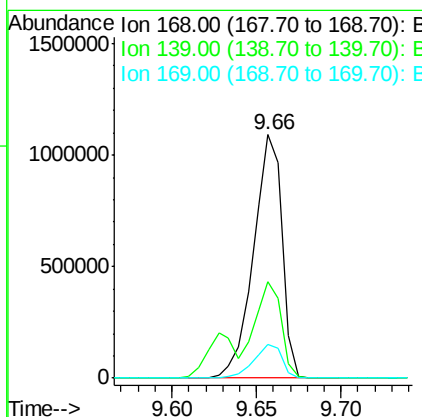
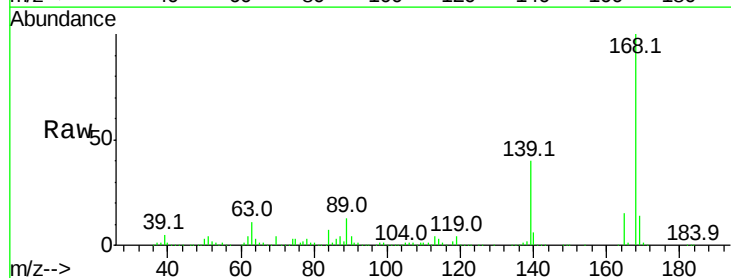
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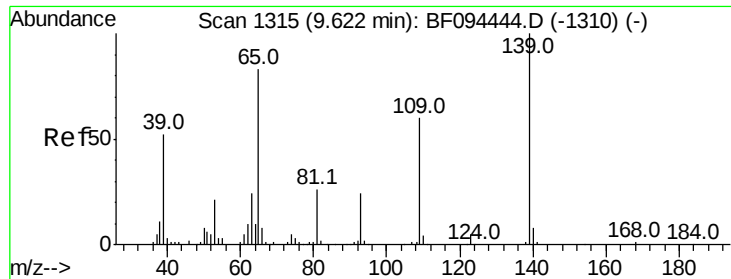
mohammad
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#54
 Dibenzofuran
 Concen: 57.68 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1286208		
139	39.6	30.6	45.8	
169	14.1	10.8	16.2	





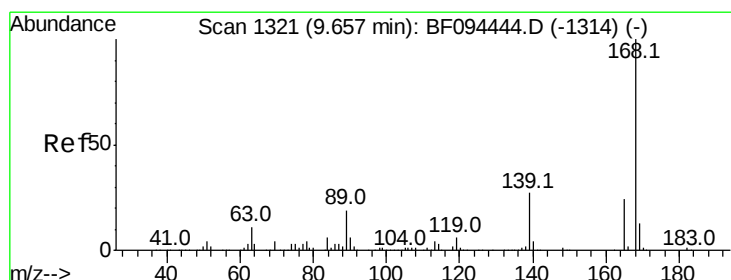
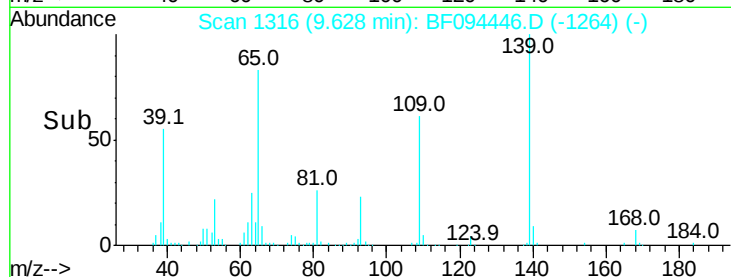
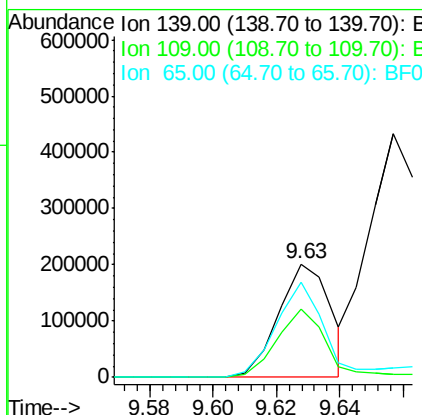
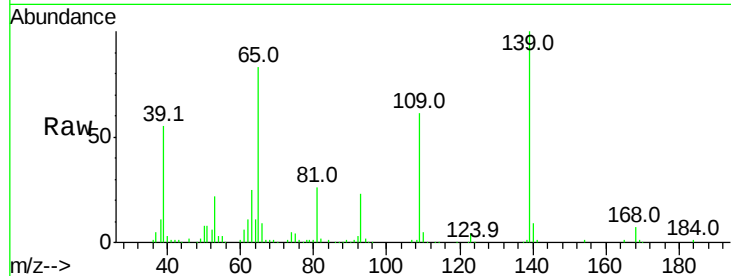
#55
4-Nitrophenol
Concen: 57.52 ng
RT: 9.63 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.5	34.1	74.1	
65	83.4	31.4	71.4	

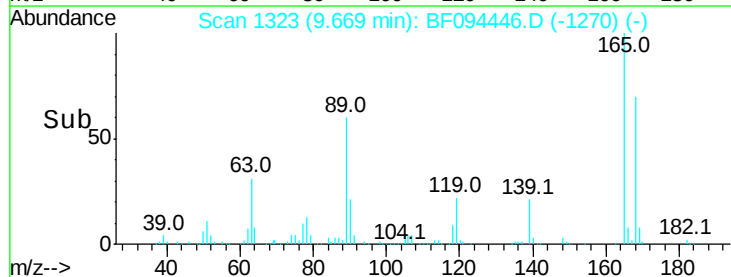
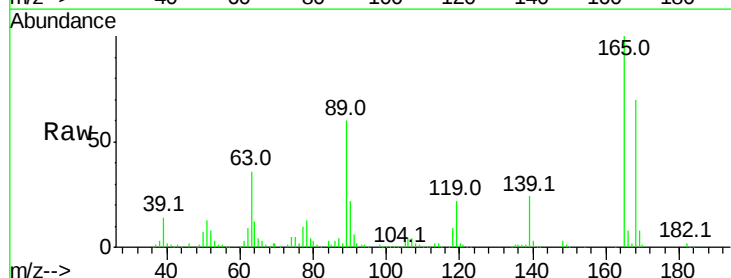
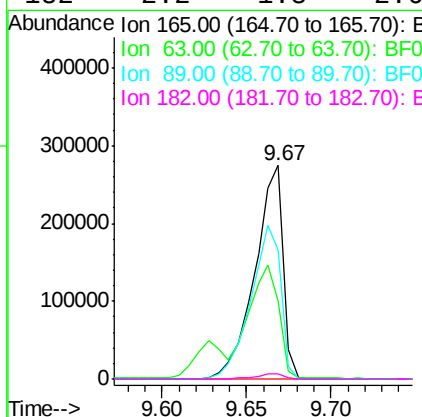
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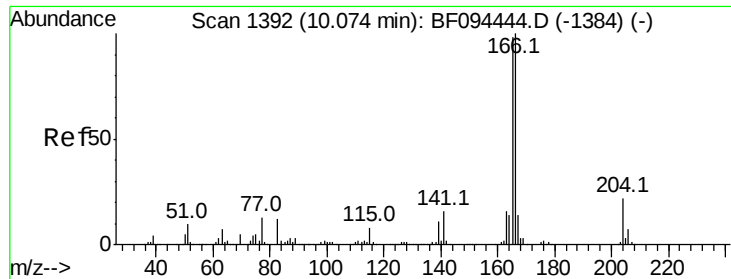
mohammad
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#56
2,4-Dinitrotoluene
Concen: 57.82 ng
RT: 9.67 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.3	25.4	38.0	
89	60.4	46.4	69.6	
182	2.2	1.8	2.6	





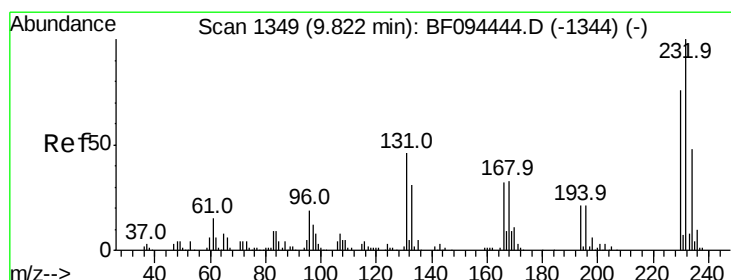
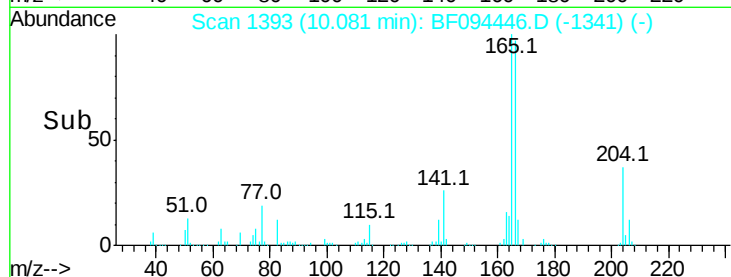
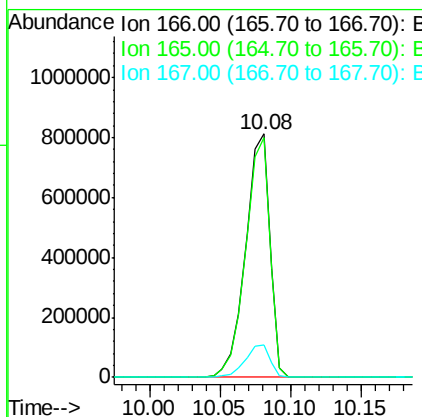
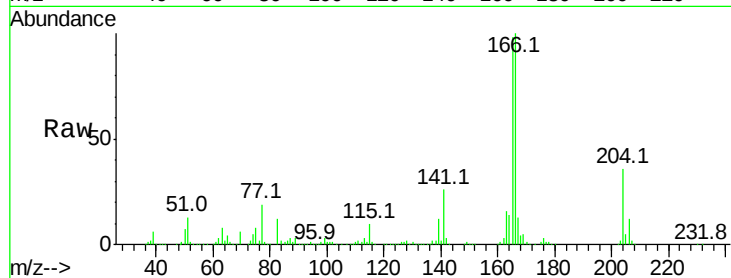
#57
Fluorene
 Concen: 52.95 ng
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
166	100	979071		
165	98.5		78.8	118.2
167	13.4		10.6	16.0

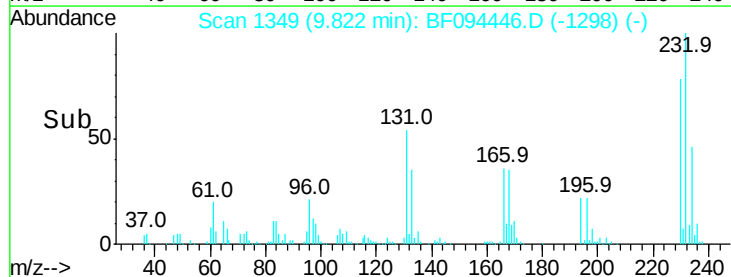
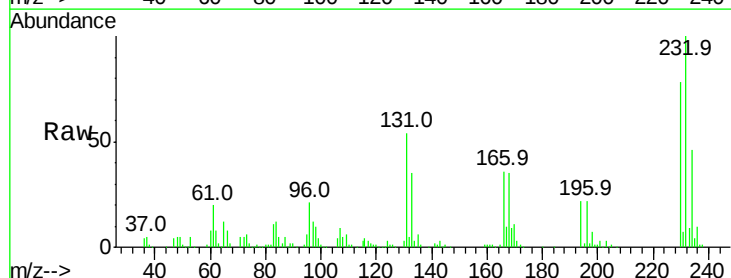
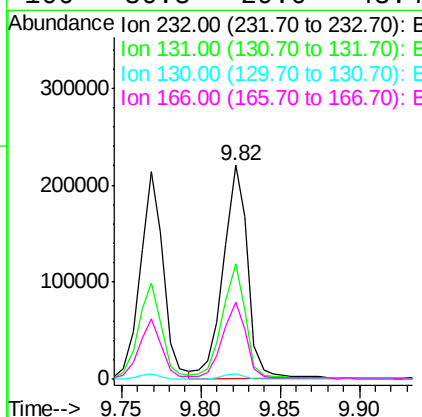
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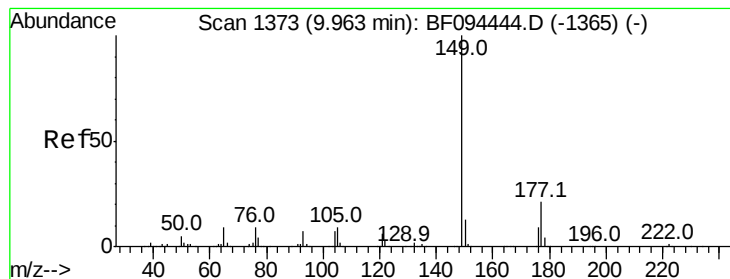
mohammad
 4/18/2017 3:07:48 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 60.79 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	233693		
131	53.4		44.8	67.2
130	2.5		2.3	3.5
166	36.8		29.0	43.4





#59

Diethylphthalate

Concen: 57.28 ng

RT: 9.97 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1076627

Ion Ratio Lower Upper

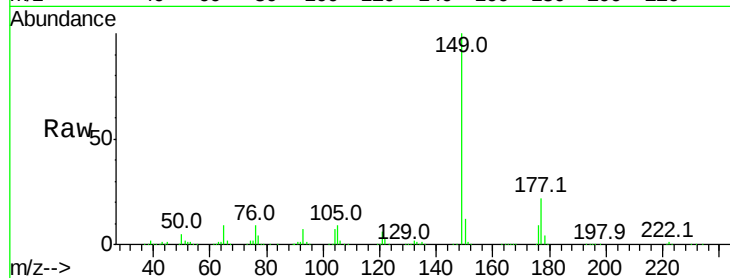
149 100

177 21.5 16.7 25.1

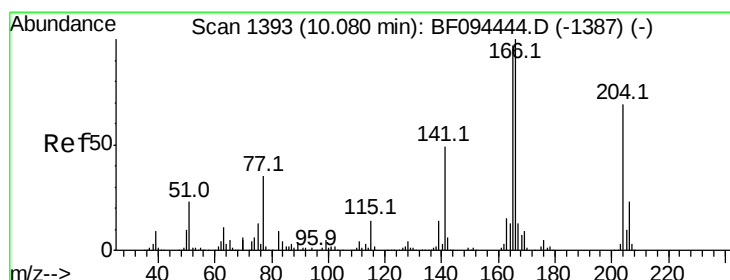
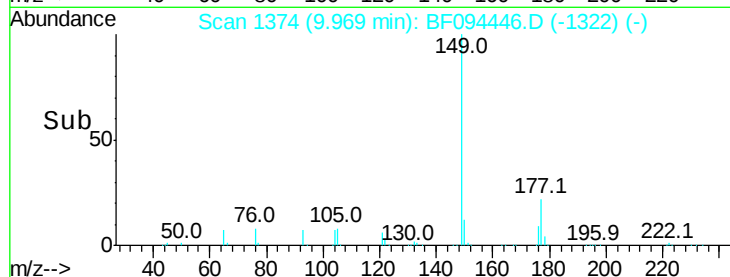
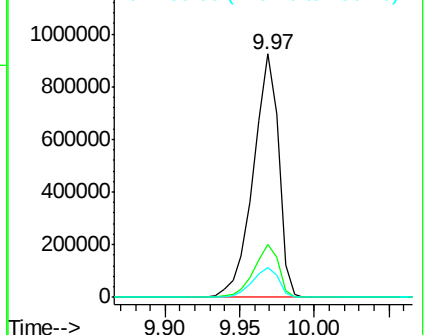
150 12.4 10.2 15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.01 ng

RT: 10.09 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

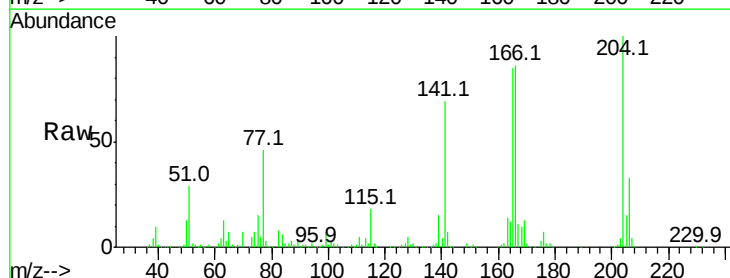
Tgt Ion:204 Resp: 417571

Ion Ratio Lower Upper

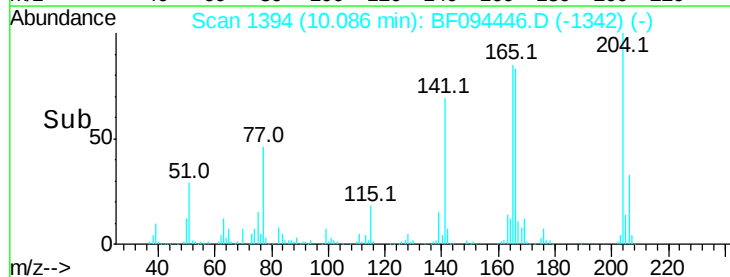
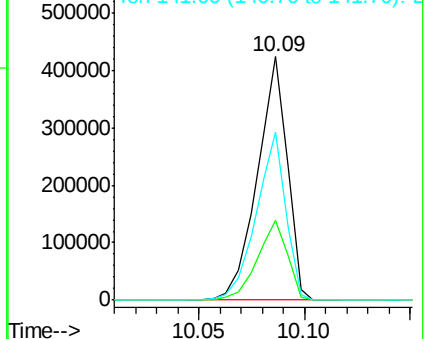
204 100

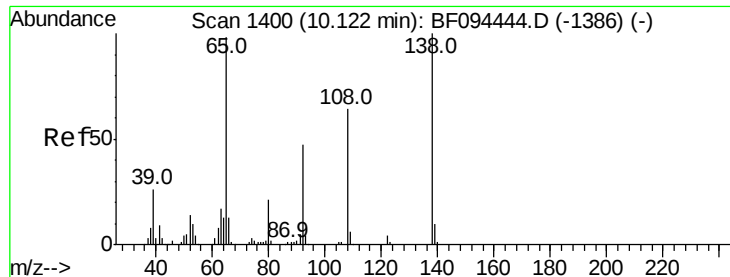
206 32.6 26.2 39.2

141 69.0 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 63.88 ng

RT: 10.13 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:138 Resp: 313784

Ion Ratio Lower Upper

138 100

92 47.0 21.8 61.8

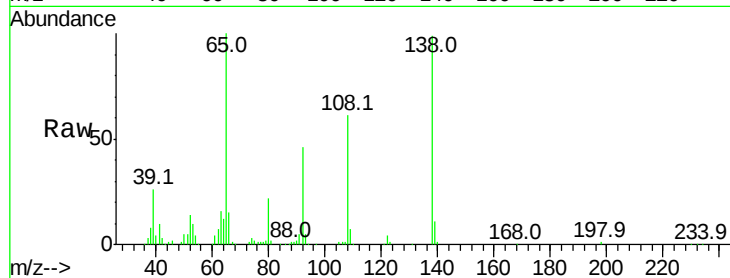
108 62.2 42.3 82.3

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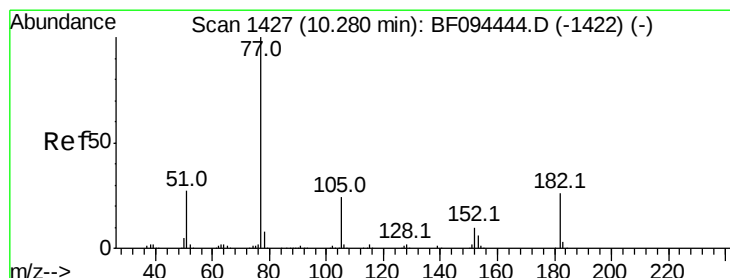
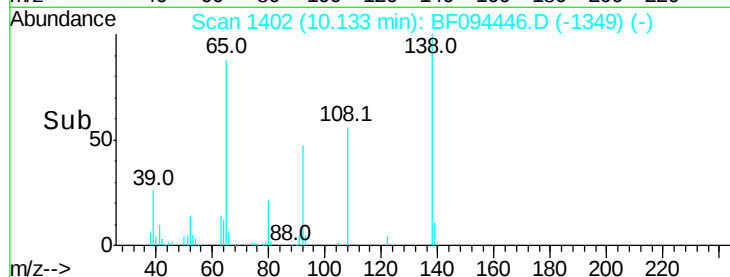
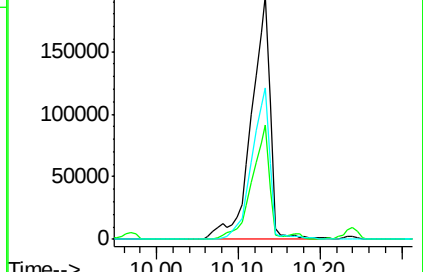
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 59.35 ng

RT: 10.28 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Tgt Ion: 77 Resp: 1055116

Ion Ratio Lower Upper

77 100

182 23.0 0.1 40.1

105 23.4 3.6 43.6

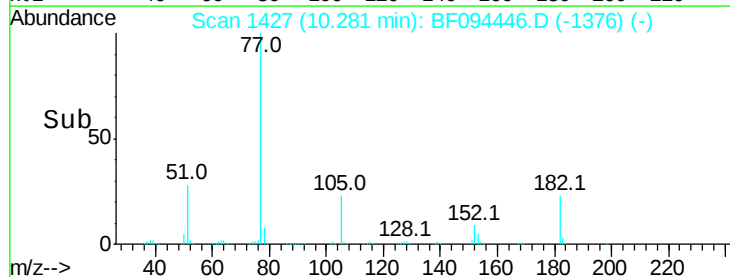
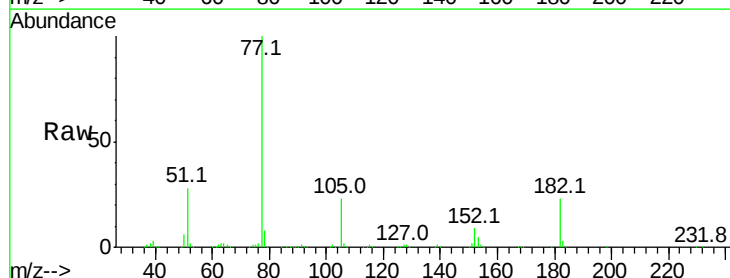
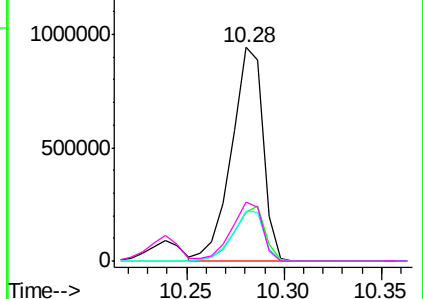
51 27.7 9.4 49.4

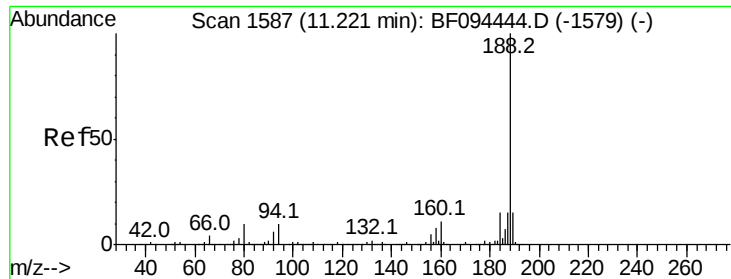
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





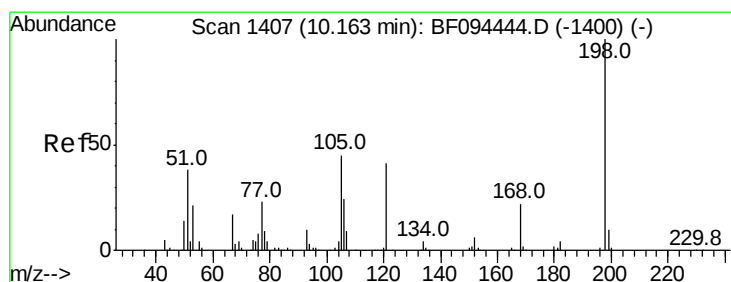
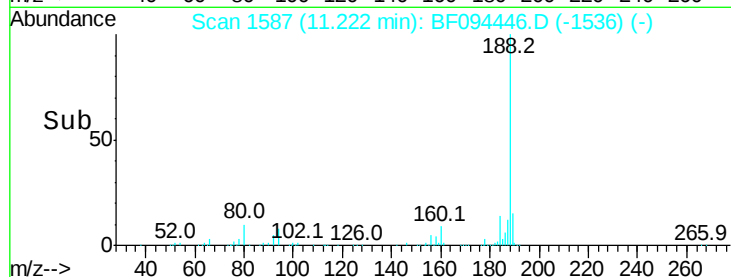
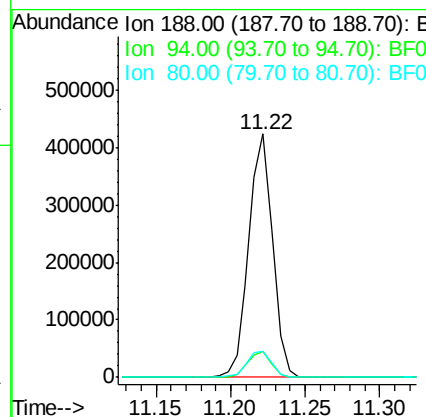
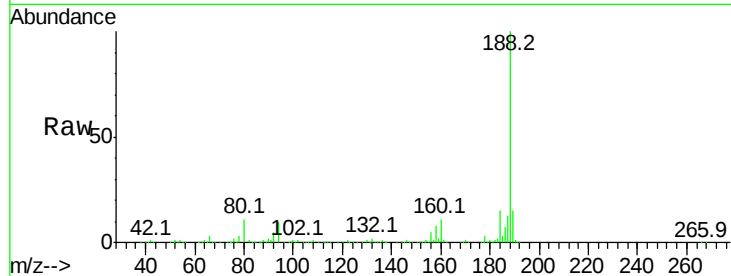
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100	468922		
94	10.5		9.4	14.2
80	10.6		10.2	15.2

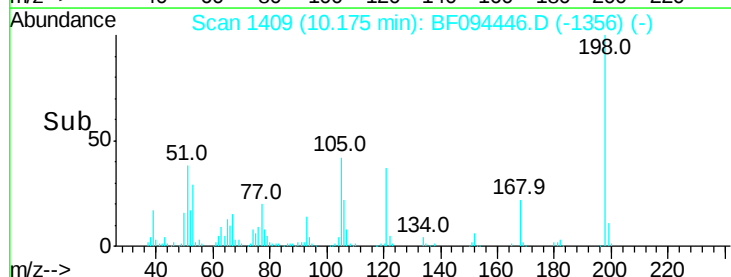
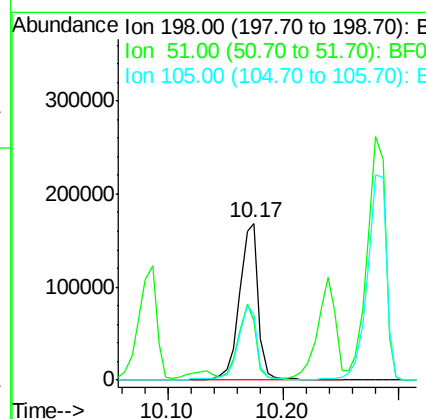
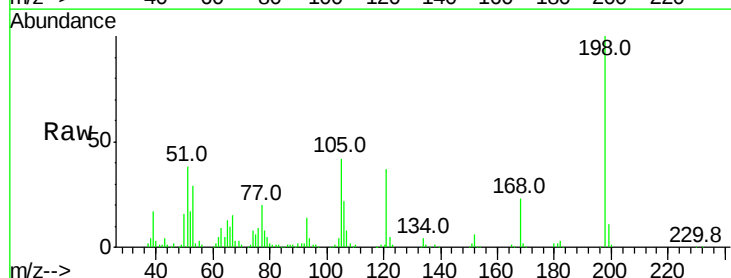
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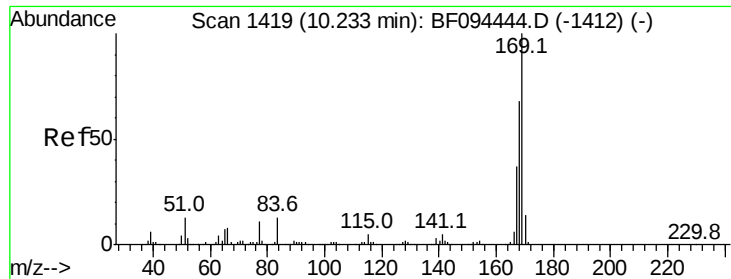
mohammad
4/18/2017 3:07:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 66.45 ng
RT: 10.17 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	190832		
51	37.9		53.2	93.2#
105	41.8		45.8	85.8#





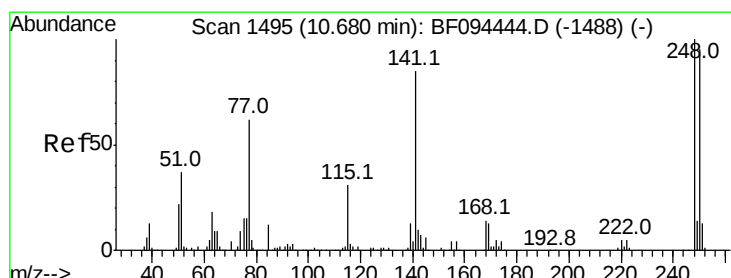
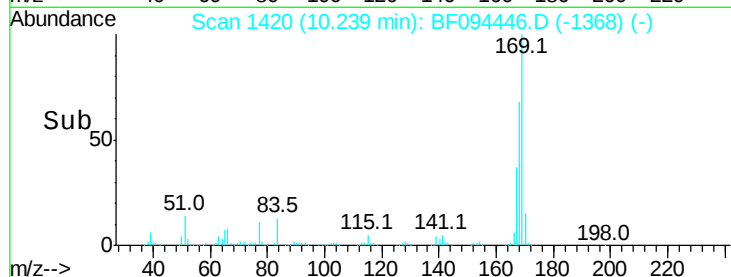
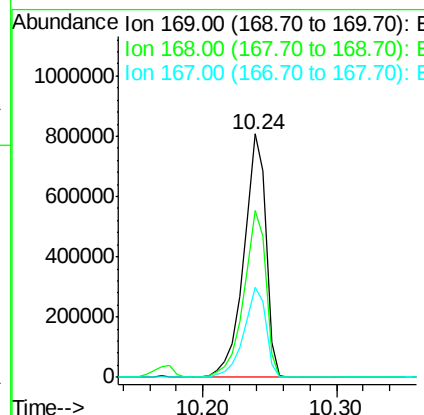
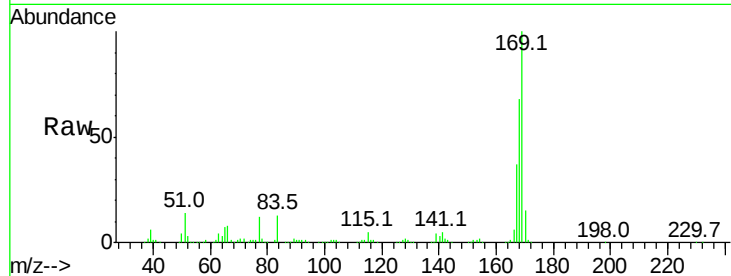
#65
n-Nitrosodiphenylamine
Concen: 56.97 ng
RT: 10.24 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
169	100	923845		
168	68.3	53.2	79.8	
167	37.0	29.5	44.3	

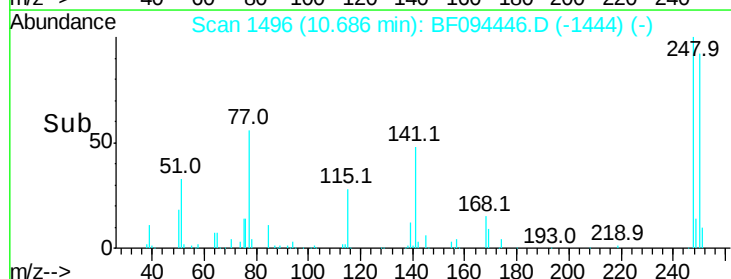
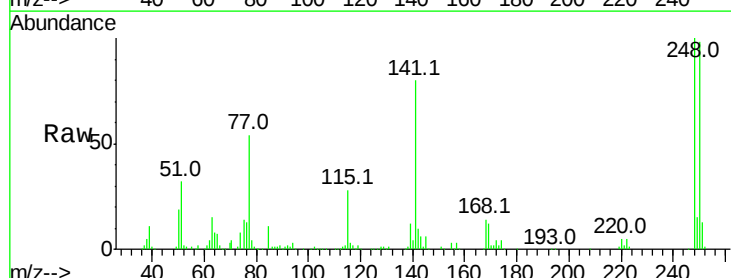
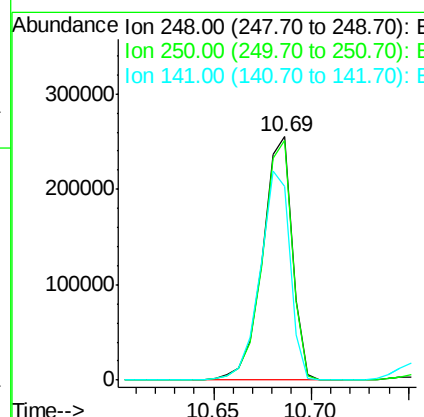
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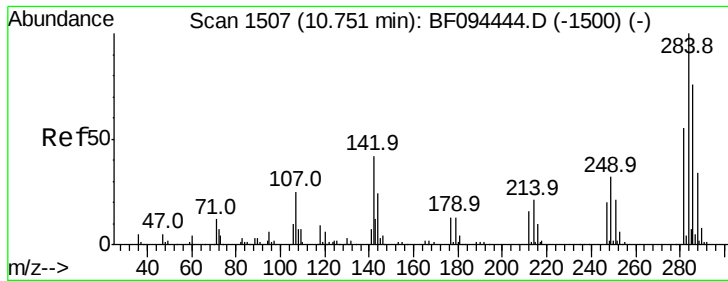
mohammad
4/18/2017 3:07:48 PM



#66
4-Bromophenyl-phenylether
Concen: 58.31 ng
RT: 10.69 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	268916		
250	98.2	76.8	115.2	
141	79.8	68.6	103.0	





#67

Hexachlorobenzene

Concen: 57.85 ng

RT: 10.76 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:284 Resp: 270073

Ion Ratio Lower Upper

284 100

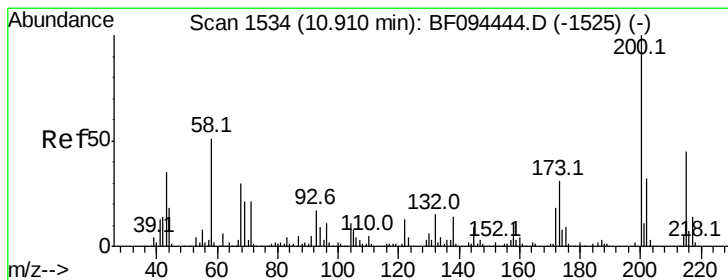
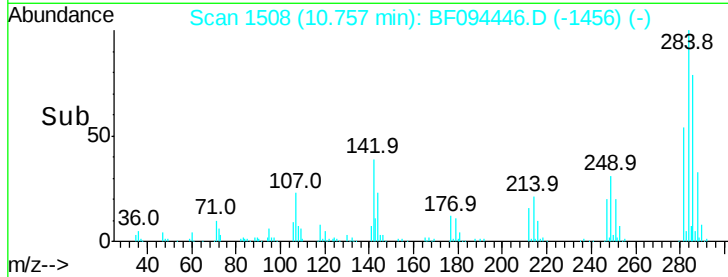
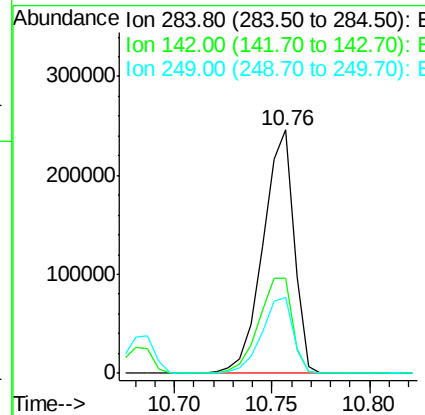
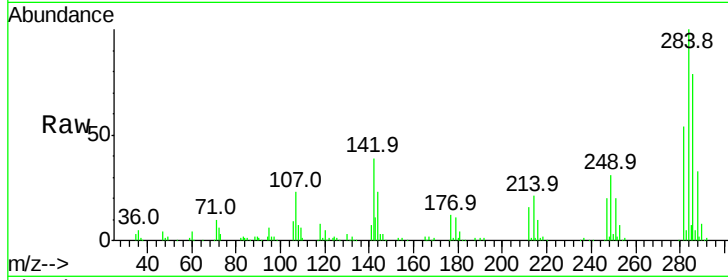
142 38.9 22.8 34.2#

249 31.3 24.0 36.0

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#68

Atrazine

Concen: 58.02 ng

RT: 10.92 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

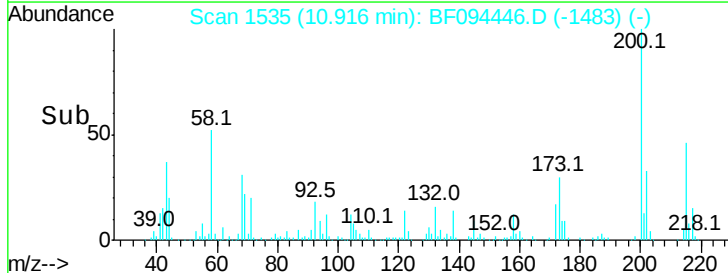
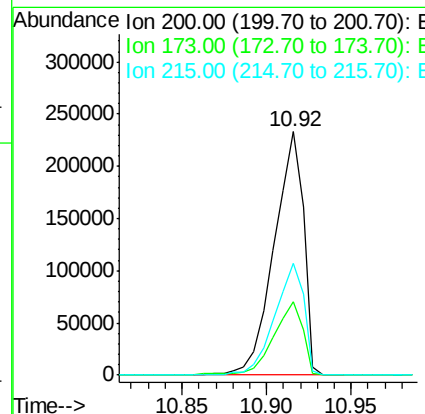
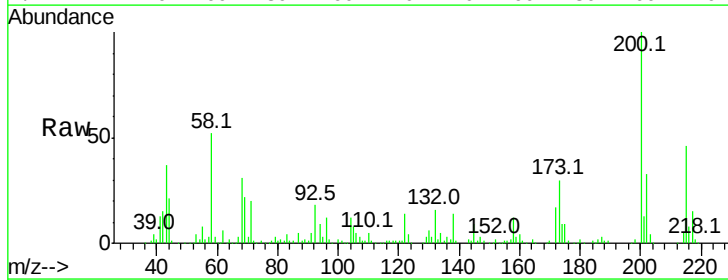
Tgt Ion:200 Resp: 281808

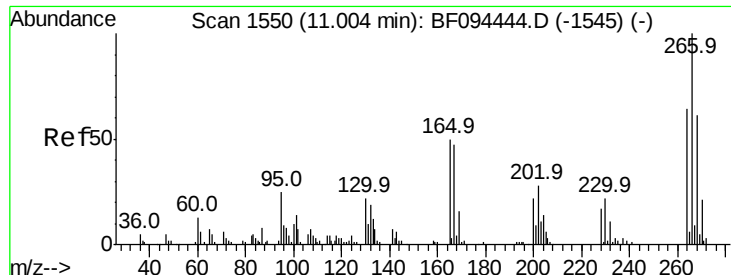
Ion Ratio Lower Upper

200 100

173 30.0 6.3 46.3

215 45.7 27.2 67.2





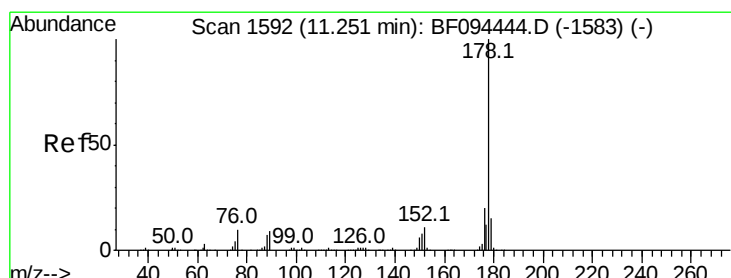
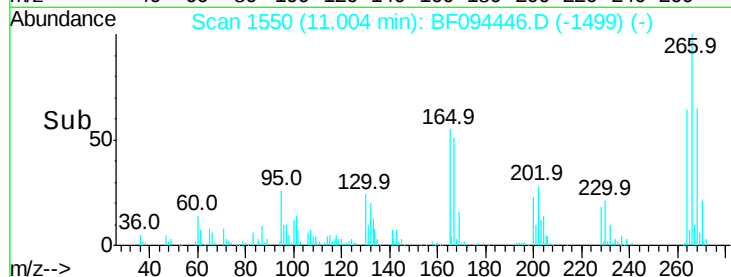
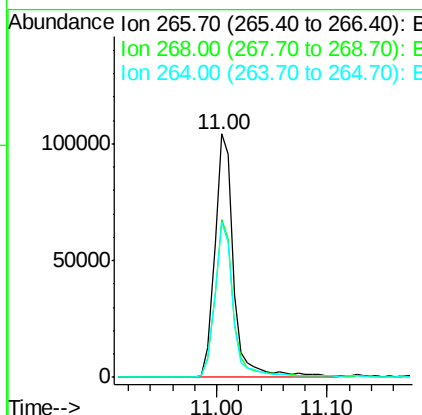
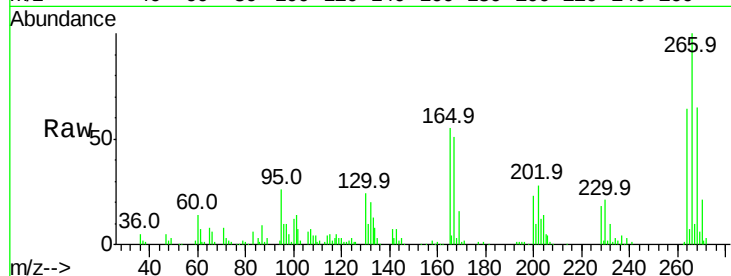
#69
 Pentachlorophenol
 Concen: 42.30 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
266	100	122918		
268	64.9	51.1	76.7	
264	63.6	51.7	77.5	

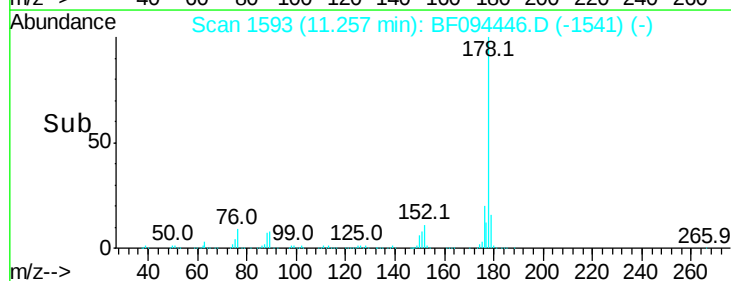
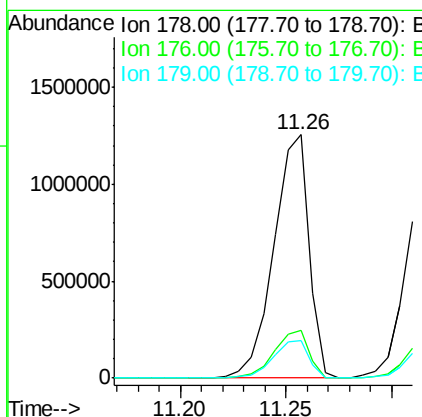
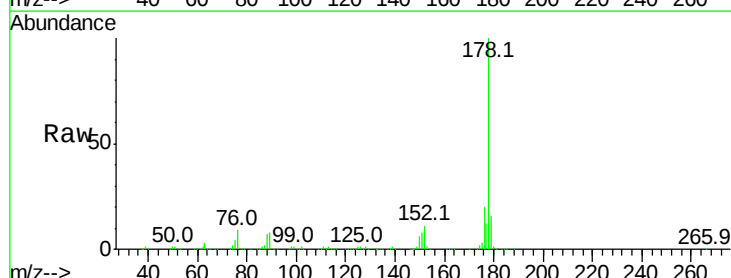
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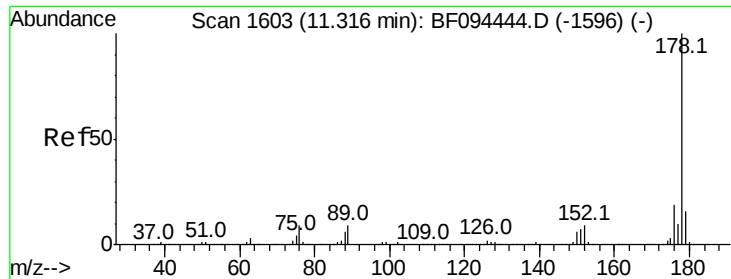
mohammad
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#70
 Phenanthrene
 Concen: 55.90 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1458087		
176	19.8	16.2	24.4	
179	15.7	12.6	19.0	





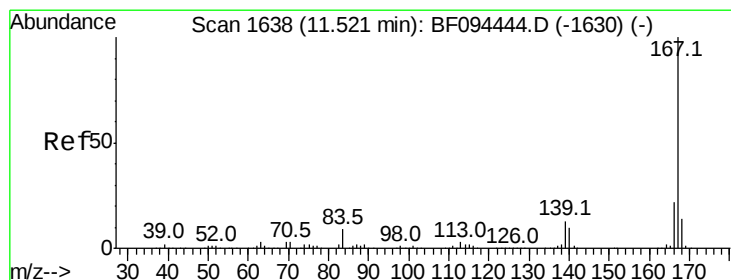
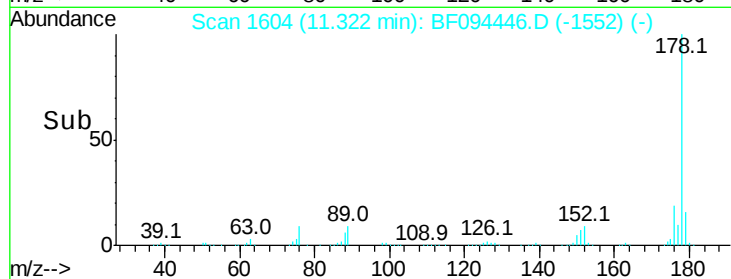
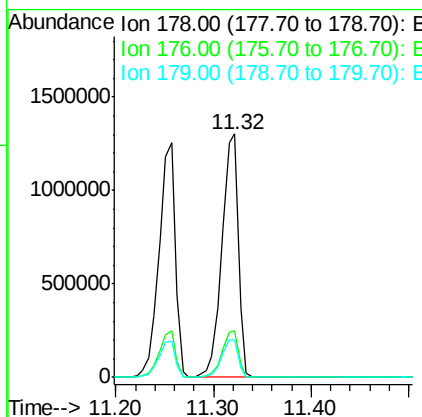
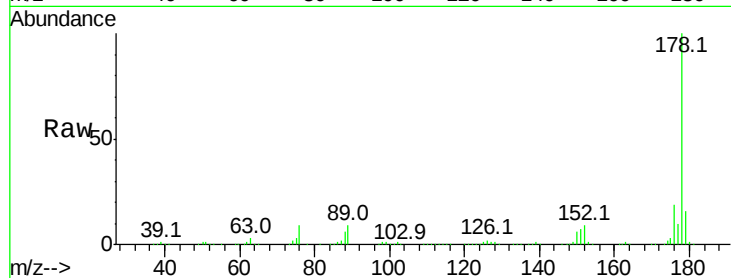
#71
 Anthracene
 Concen: 56.66 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 1521679
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1

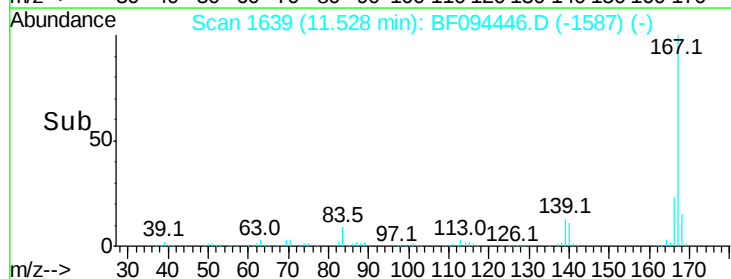
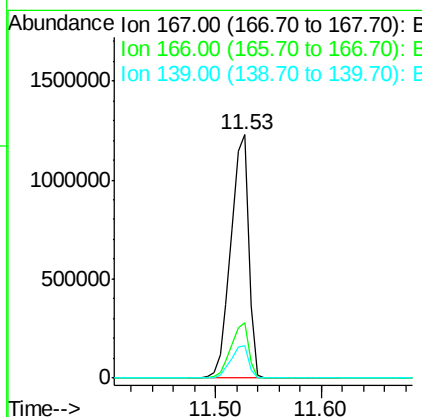
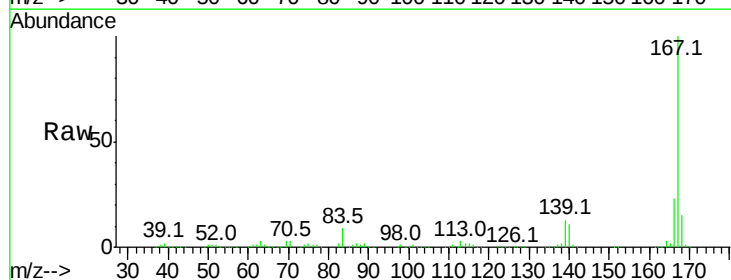
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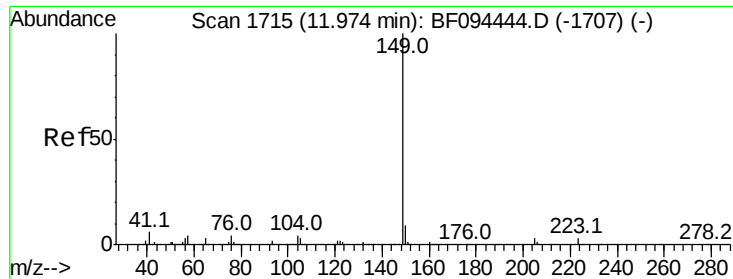
mohammad
 4/18/2017 3:07:48 PM



#72
 Carbazole
 Concen: 51.88 ng
 RT: 11.53 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion:167 Resp: 1428834
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 56.48 ng

RT: 11.97 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1617574

Ion Ratio Lower Upper

149 100

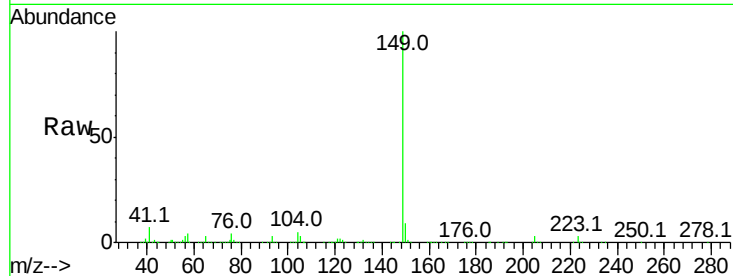
150 9.3 7.7 11.5

104 4.5 4.0 6.0

Manual Integrations
APPROVED

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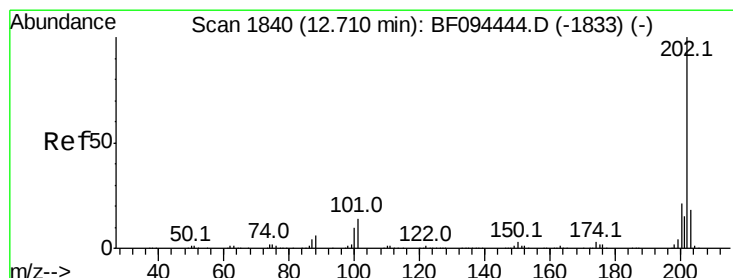
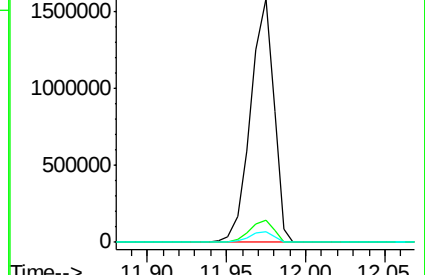
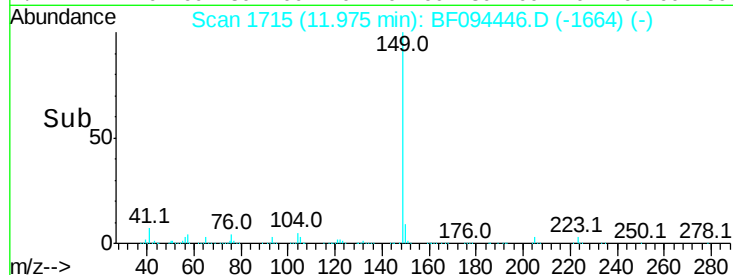
4/18/2017 3:07:48 PM



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: 56.99 ng

RT: 12.72 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

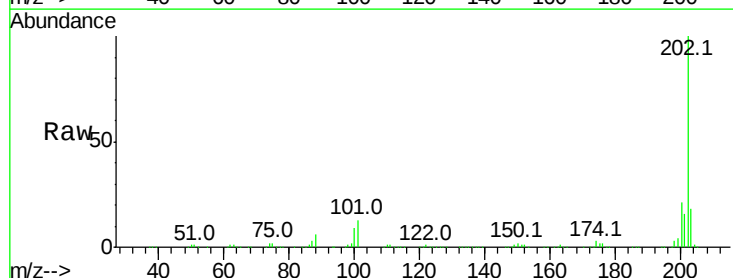
Tgt Ion:202 Resp: 1522326

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

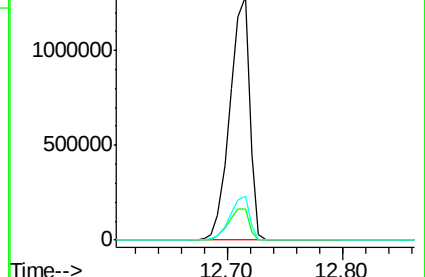
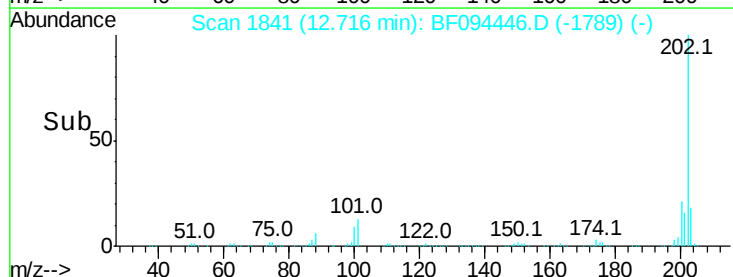
203 17.8 0.0 38.1

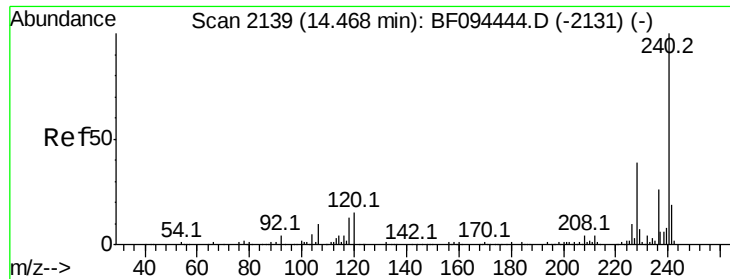


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





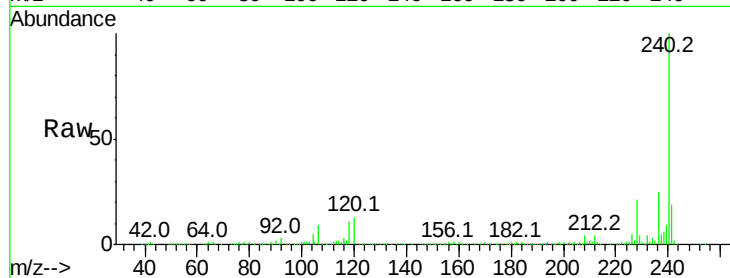
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2140
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC060

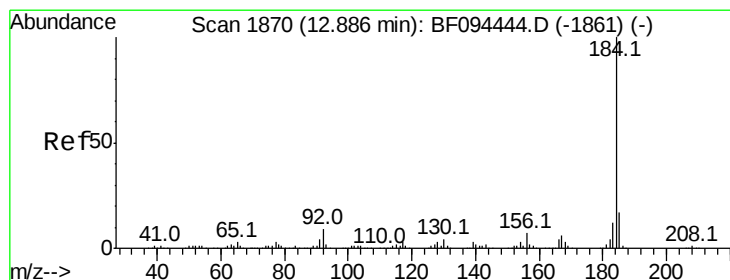
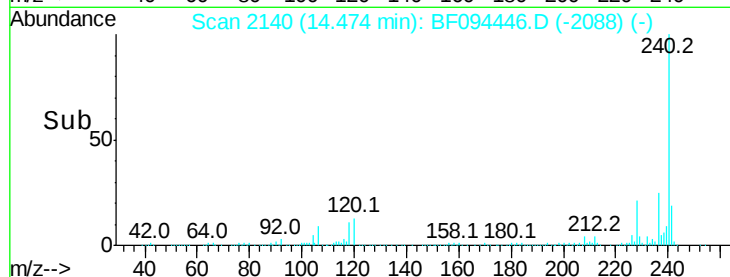
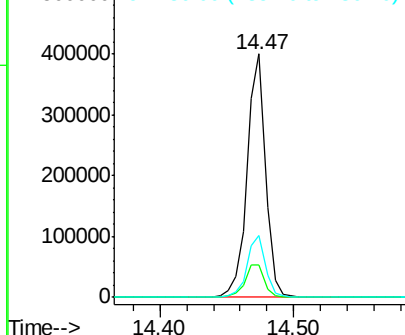
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.4	20.5	30.7

Manual Integrations
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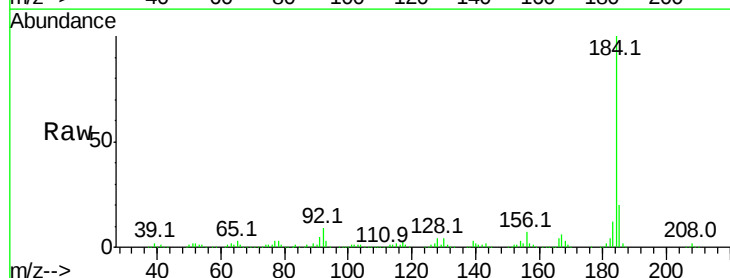


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

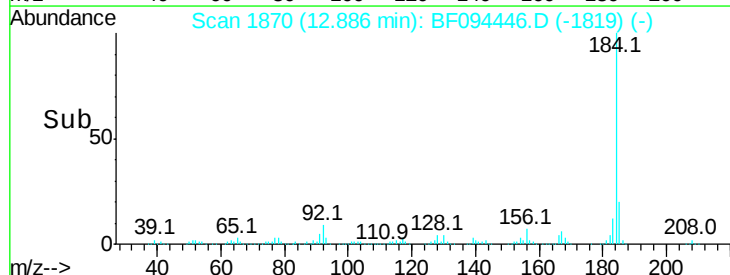
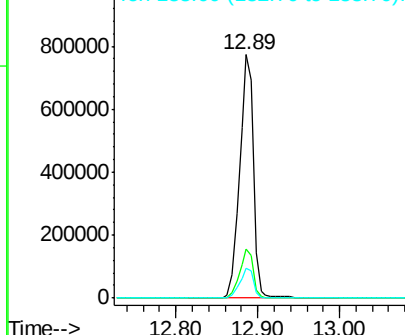


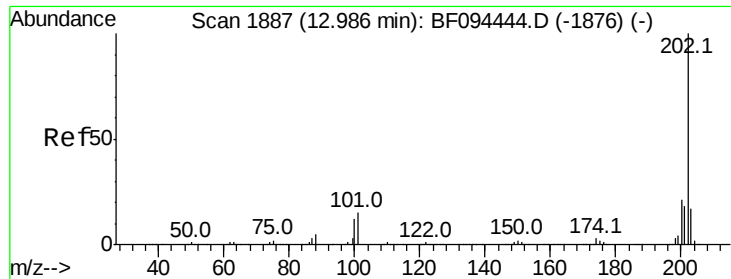
#76
 Benzidine
 Concen: 61.12 ng
 RT: 12.89 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	20.3	15.5	23.3
183	12.5	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 56.75 ng

RT: 12.99 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:202 Resp: 1556560

Ion Ratio Lower Upper

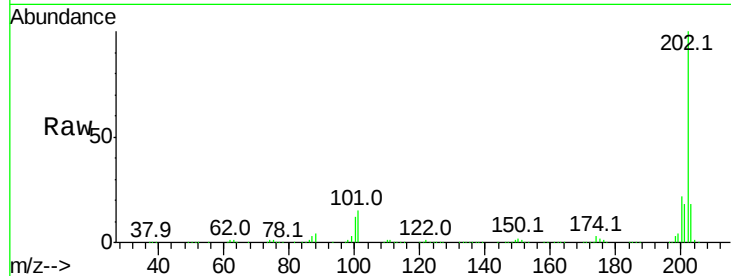
202 100

200 21.6 17.6 26.4

203 17.6 14.4 21.6

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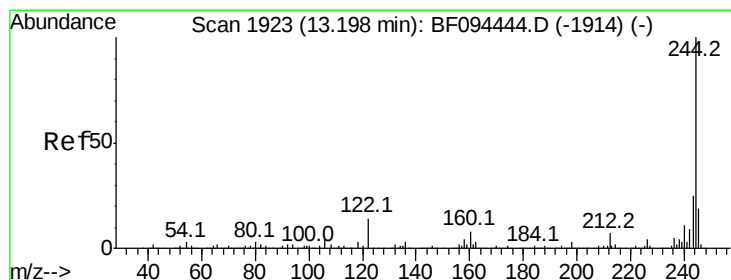
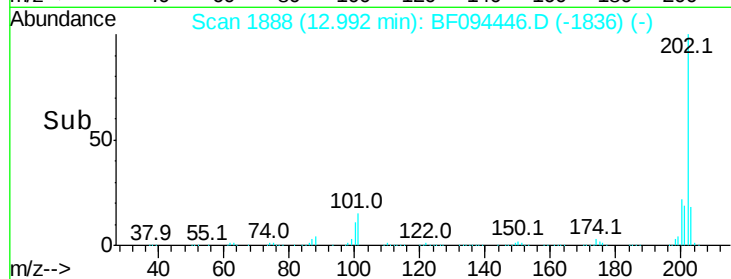
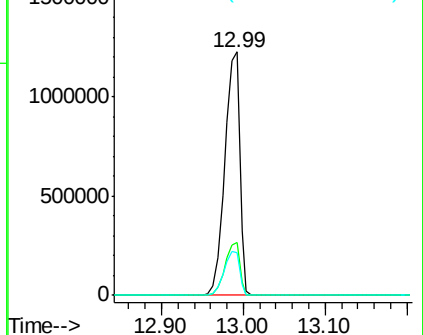
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.48 ng

RT: 13.20 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

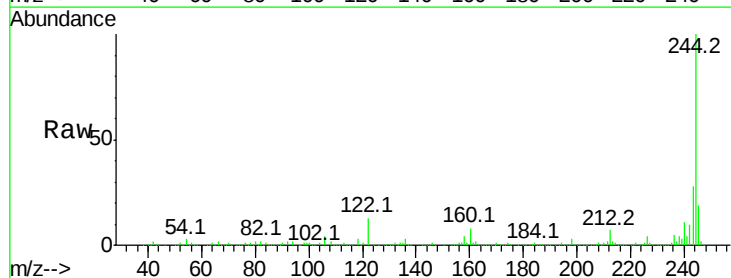
Tgt Ion:244 Resp: 1593124

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

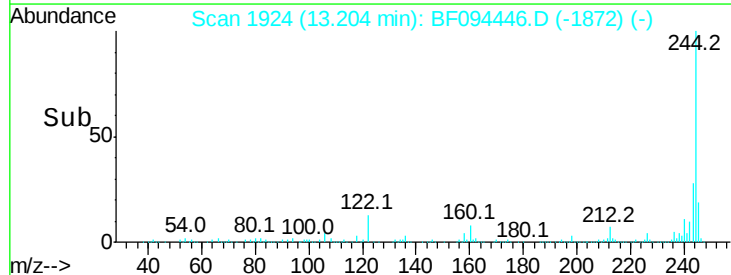
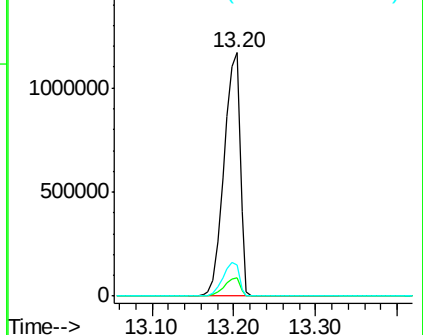
122 12.6 10.3 15.5

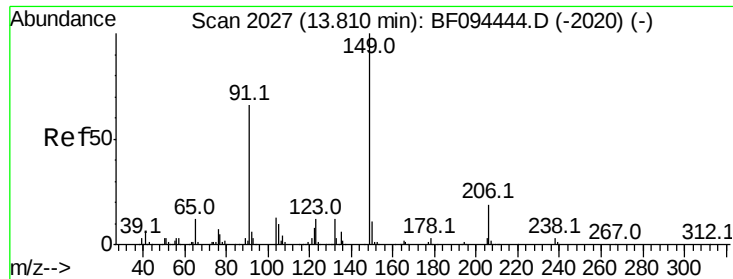


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





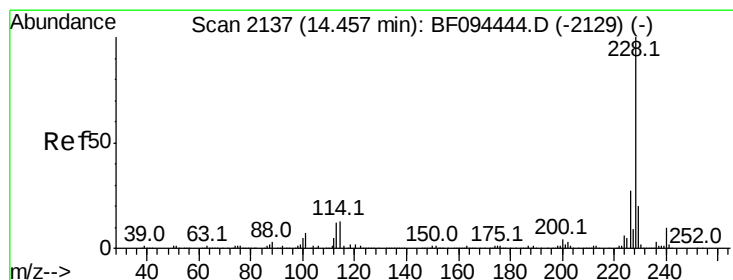
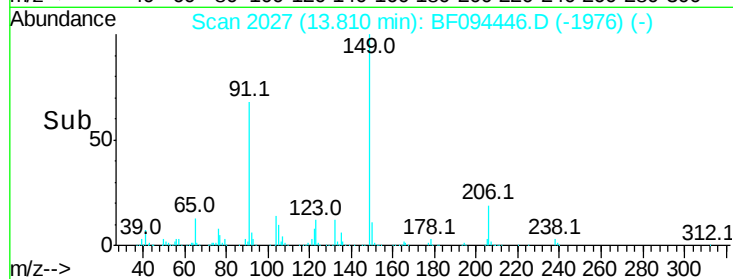
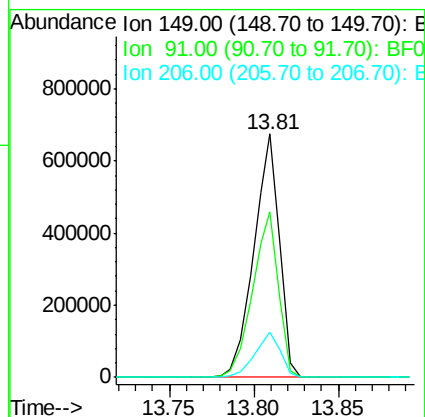
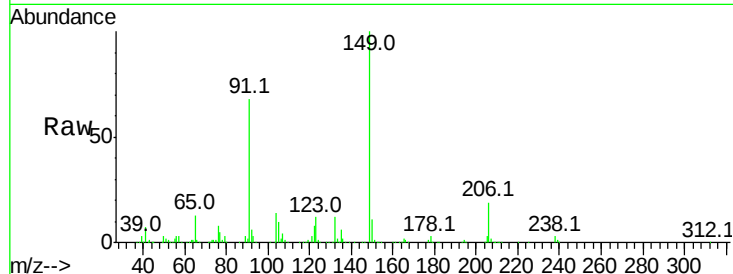
#79
Butylbenzylphthalate
Concen: 60.72 ng
RT: 13.81 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	45.0	67.4#
206	18.8	17.0	25.6

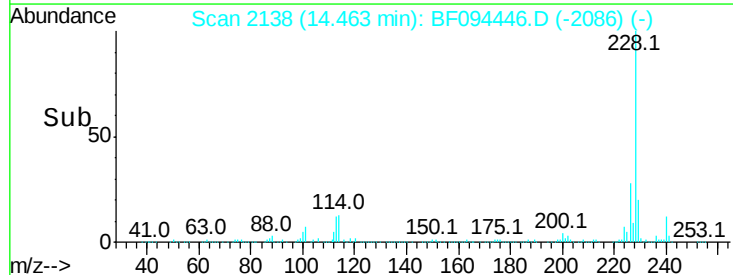
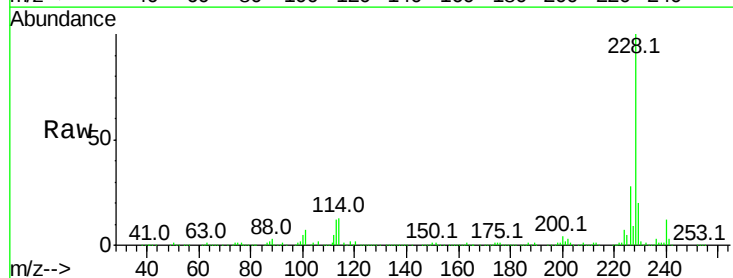
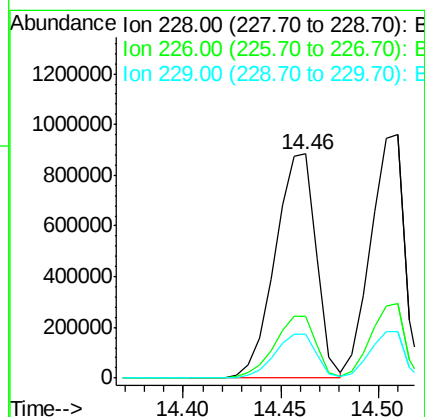
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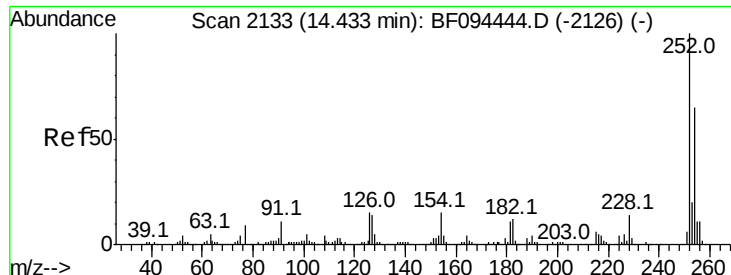
mohammad
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#80
Benzo(a)anthracene
Concen: 58.25 ng
RT: 14.46 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.7	16.3	24.5





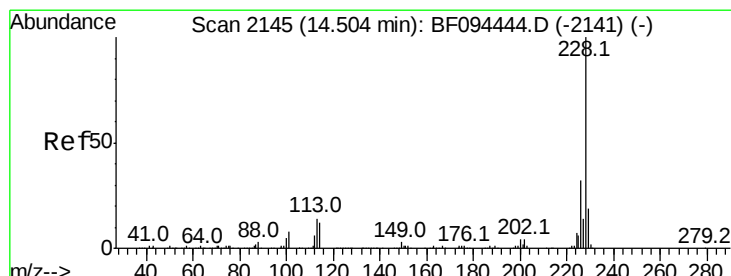
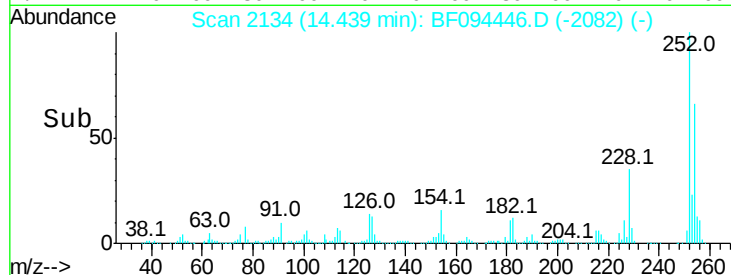
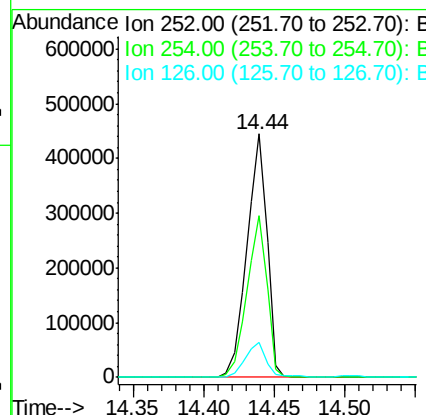
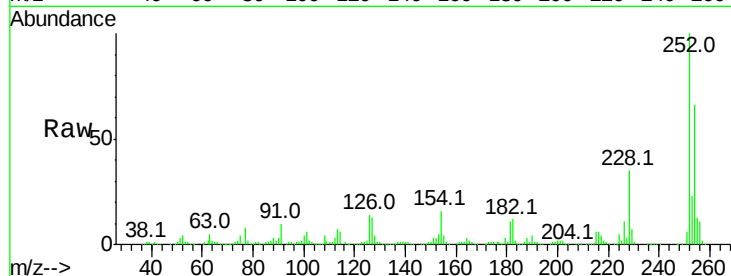
#81
 3,3'-Dichlorobenzidine
 Concen: 56.20 ng
 RT: 14.44 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
252	100	442781		
254	66.2	51.5	77.3	
126	14.3	15.8	23.8	

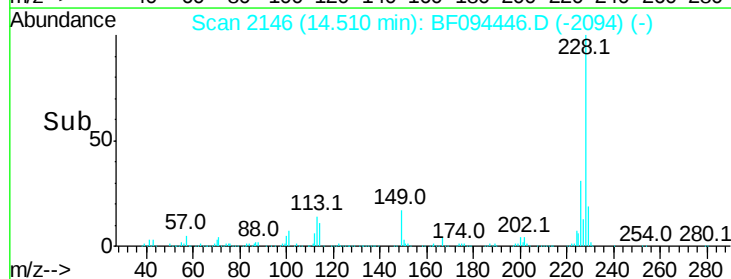
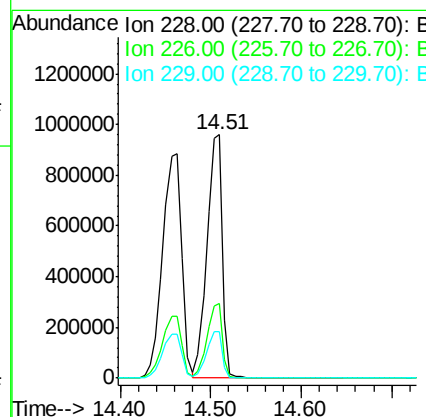
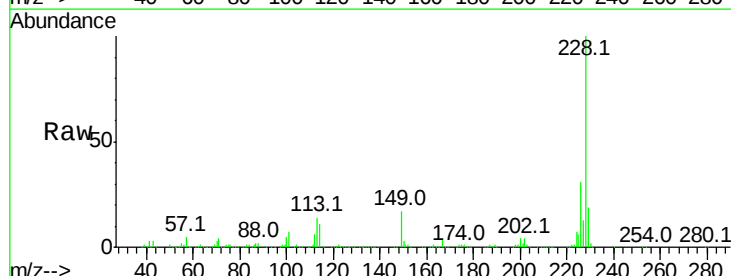
Manual Integrations
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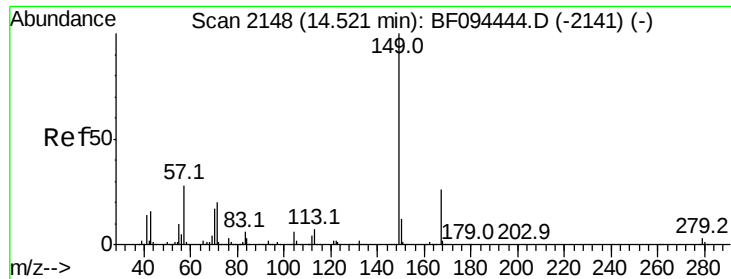
mohammad
 4/18/2017 3:07:48 PM



#82
 Chrysene
 Concen: 56.23 ng
 RT: 14.51 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1150159		
226	30.8	24.9	37.3	
229	18.9	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.37 ng

RT: 14.52 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tot Ion:149 Resp: 930770

Ion Ratio Lower Upper

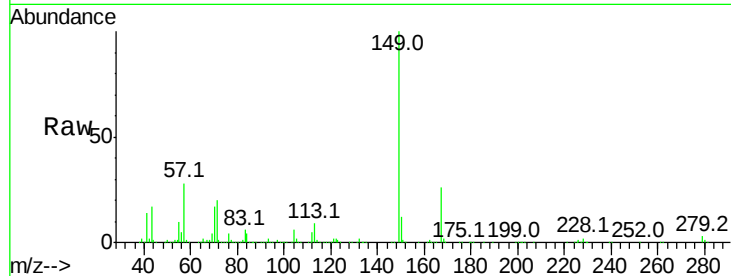
149 100

167 26.2 21.0 31.4

279 2.9 1.9 2.9#

Manual Integrations
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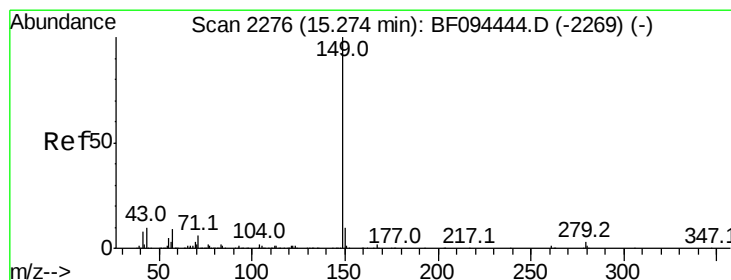
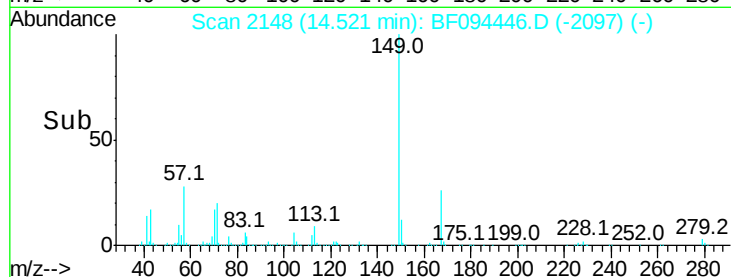
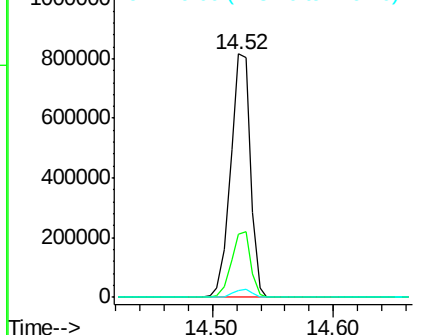
mohammad
4/18/2017 3:07:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.83 ng

RT: 15.28 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

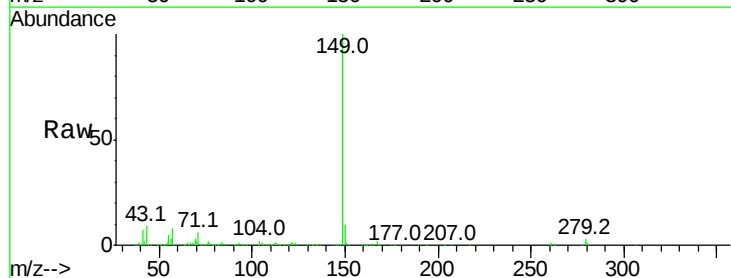
Tgt Ion:149 Resp: 1567065

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

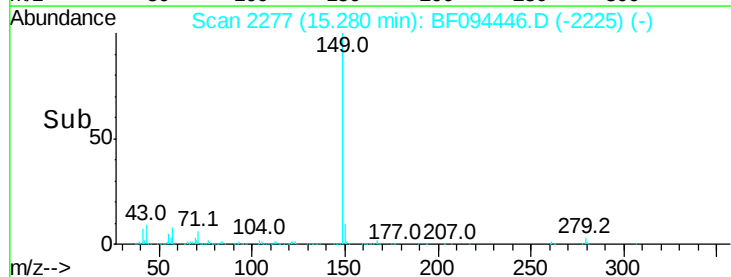
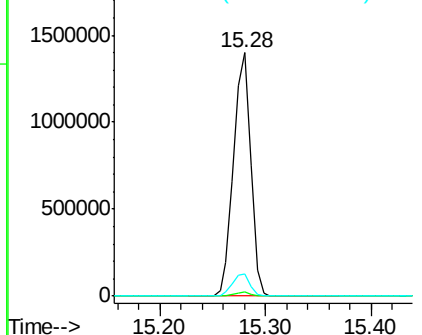
43 9.6 8.5 12.7

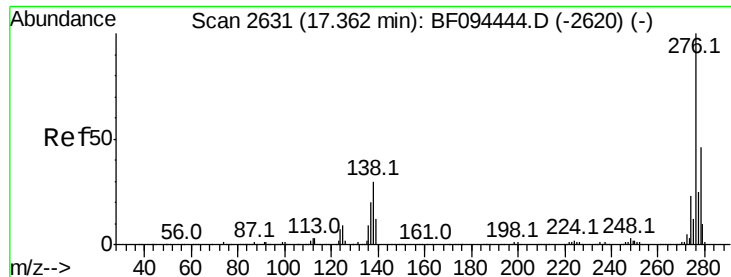


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





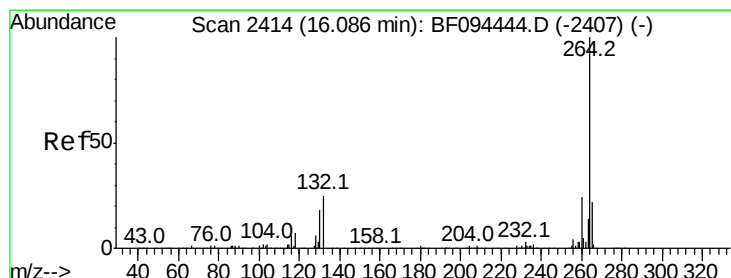
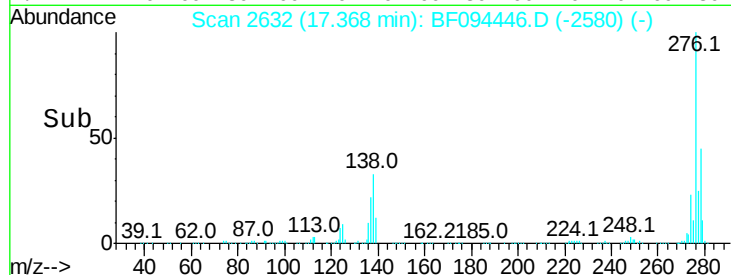
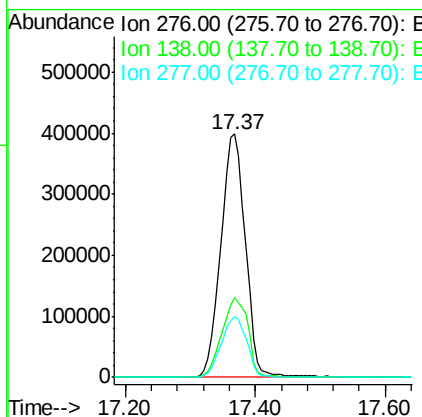
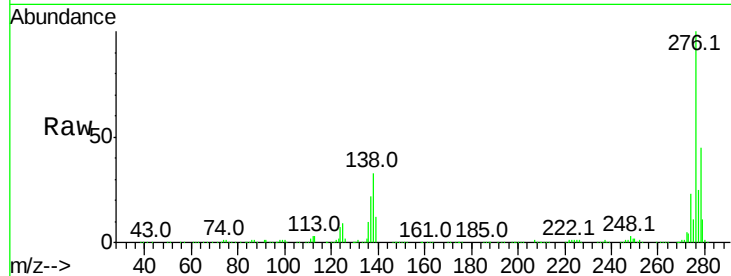
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.90 ng
 RT: 17.37 min Scan# 2632
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion:276 Resp: 1043282
 Ion Ratio Lower Upper
 276 100
 138 34.6 27.8 41.6
 277 25.8 20.2 30.4

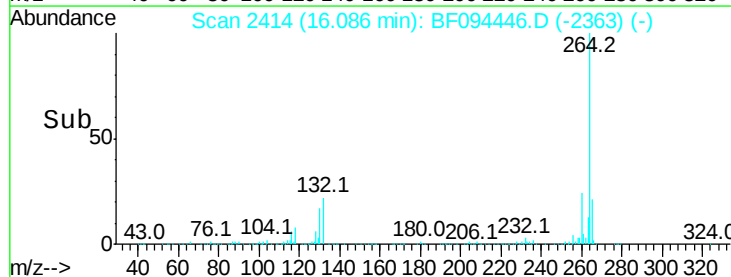
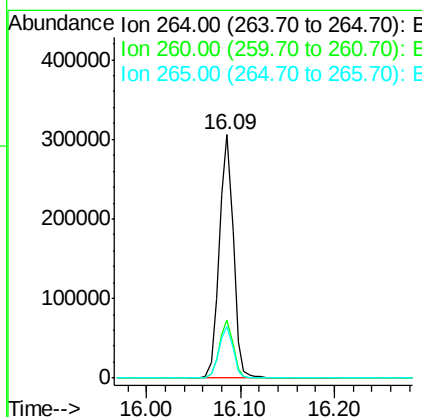
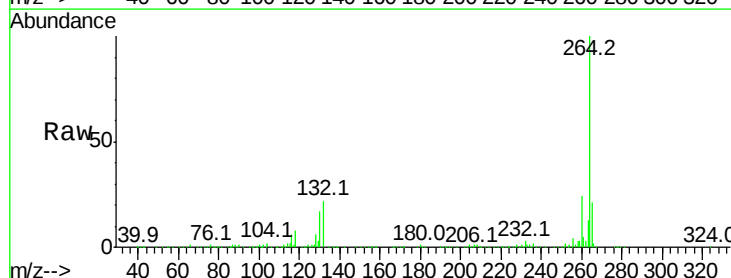
Manual Integrations
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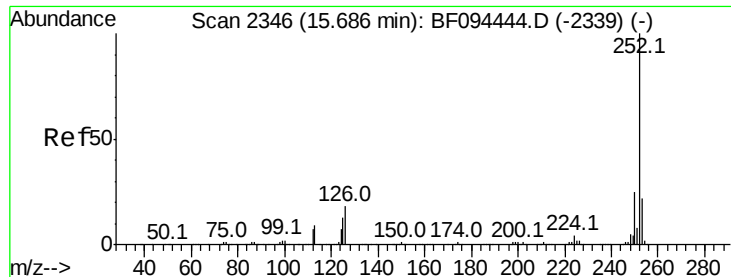
mohammad
 4/18/2017 3:07:48 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Tgt Ion:264 Resp: 322763
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 56.83 ng

RT: 15.69 min Scan# 2347

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:252 Resp: 1124409

Ion Ratio Lower Upper

252 100

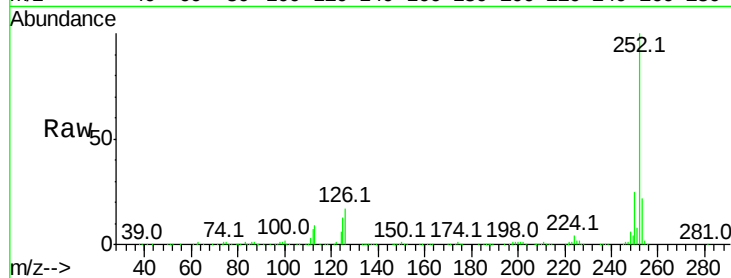
253 22.0 18.1 27.1

125 13.2 9.8 14.8

Manual Integrations
APPROVED

mohammad

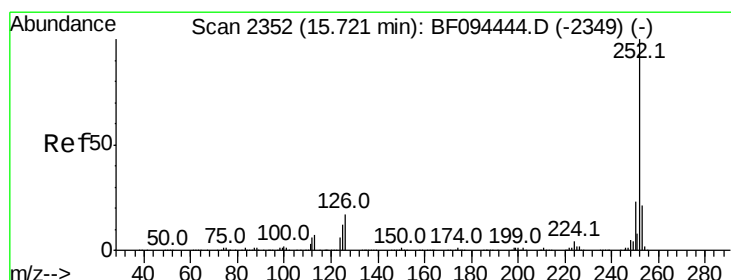
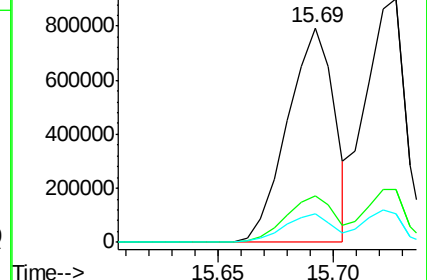
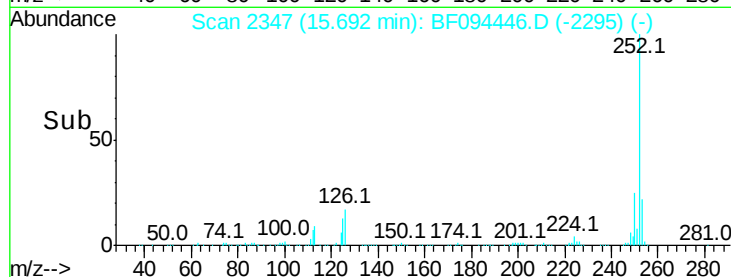
4/18/2017 3:07:48 PM



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: 55.86 ng m

RT: 15.73 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BF094446.D

Acq: 17 Apr 2017 13:39

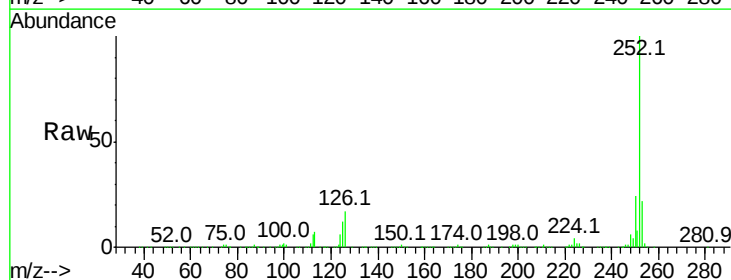
Tgt Ion:252 Resp: 1081225

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

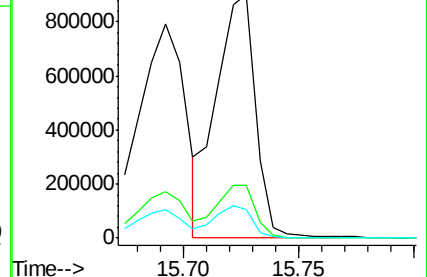
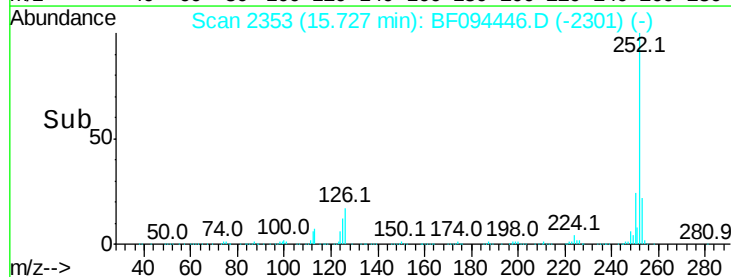
125 12.0 13.1 19.7#

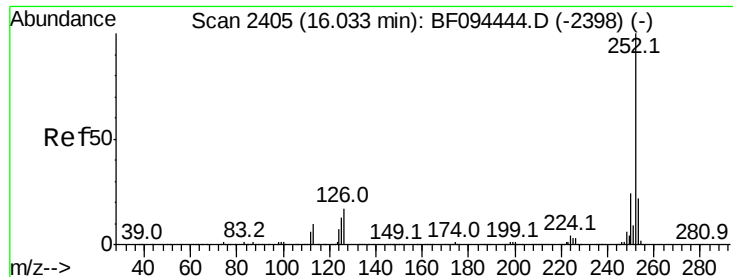


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





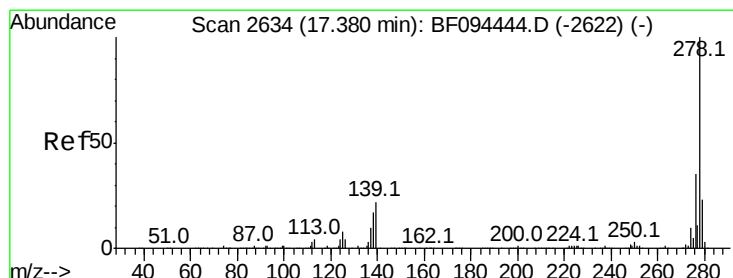
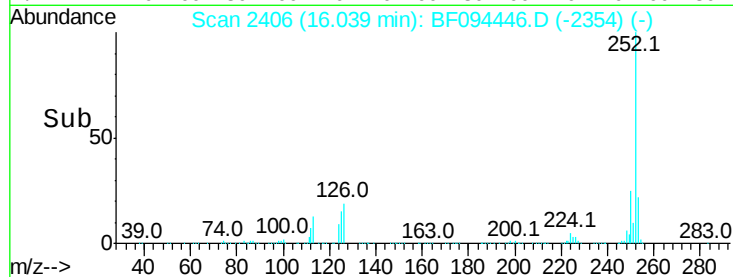
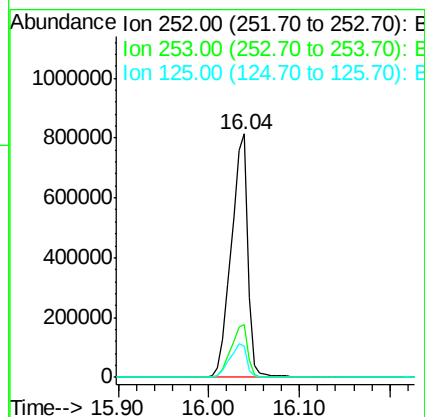
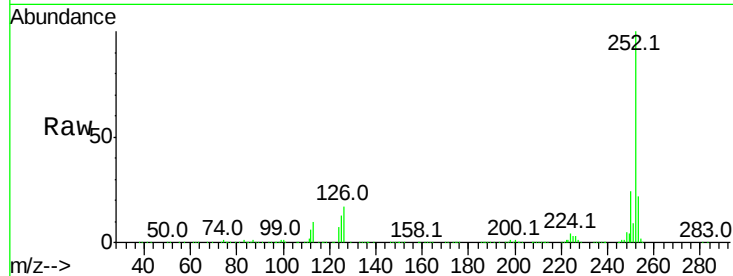
#89
Benzo(a)pyrene
Concen: 57.36 ng
RT: 16.04 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.8	11.0	16.4

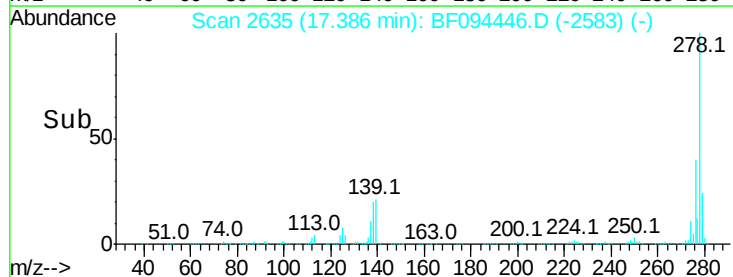
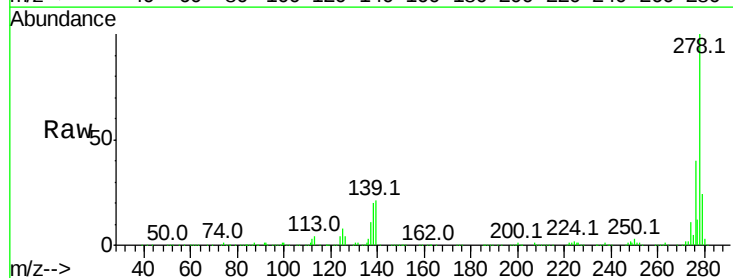
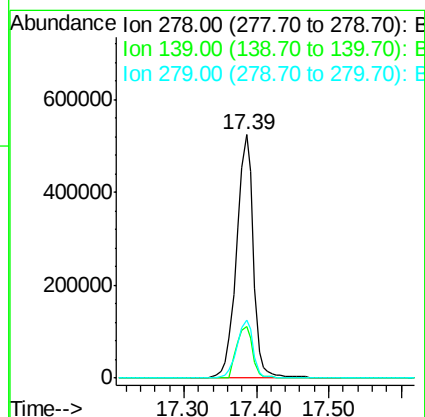
Manual Integrations
APPROVED

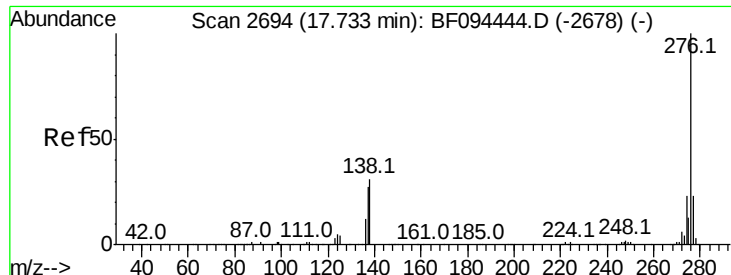
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 55.40 ng
RT: 17.39 min Scan# 2635
Delta R.T. 0.01 min
Lab File: BF094446.D
Acq: 17 Apr 2017 13:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	23.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 56.21 ng
 RT: 17.74 min Scan# 2696
 Delta R.T. 0.01 min
 Lab File: BF094446.D
 Acq: 17 Apr 2017 13:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	276	Resp:	874044
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	30.2	25.4	38.0

Manual Integrations
 APPROVED

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