

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094218.D
 Acq On : 6 Apr 2017 10:20
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:30 PM

Quant Time: Apr 06 13:24:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	187007	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	760162	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	335716	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	593991	20.00	ng	0.00
75) Chrysene-d12	14.57	240	477823	20.00	ng	0.00
86) Perylene-d12	16.19	264	414594	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.39	112	884694	79.90	ng	0.00
7) Phenol-d6	5.46	99	1087452	79.39	ng	0.00
23) Nitrobenzene-d5	6.51	82	1082445	81.26	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	228880	86.28	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	1814225	82.43	ng	0.00
78) Terphenyl-d14	13.30	244	1694408	79.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	213193	40.08	ng	97
3) Pyridine	2.70	79	580992	40.08	ng	98
4) n-Nitrosodimethylamine	2.67	42	235072	39.41	ng	89
6) Aniline	5.48	93	710519	37.29	ng	# 43
8) 2-Chlorophenol	5.62	128	500201	41.10	ng	94
9) Benzaldehyde	5.35	77	332103	35.91	ng	99
10) Phenol	5.48	94	610266	39.15	ng	# 73
11) bis(2-Chloroethyl)ether	5.56	93	491956	40.39	ng	98
12) 1,3-Dichlorobenzene	5.79	146	557956	40.87	ng	99
13) 1,4-Dichlorobenzene	5.87	146	568567	41.12	ng	97
14) 1,2-Dichlorobenzene	6.05	146	525607	41.28	ng	97
15) Benzyl Alcohol	6.03	79	388269	38.73	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.19	45	702740	37.44	ng	97
17) 2-Methylphenol	6.17	107	417033	40.01	ng	97
18) Hexachloroethane	6.45	117	200750	41.31	ng	# 85
19) n-Nitroso-di-n-propylamine	6.35	70	344060	39.08	ng	98
20) 3+4-Methylphenols	6.35	107	530551	42.03	ng	# 62
22) Acetophenone	6.33	105	710154	41.92	ng	# 87
24) Nitrobenzene	6.53	77	526367	40.07	ng	91
25) Isophorone	6.82	82	932187	39.83	ng	96
26) 2-Nitrophenol	6.90	139	276879	44.20	ng	96
27) 2,4-Dimethylphenol	6.97	122	437350	40.51	ng	99
28) bis(2-Chloroethoxy)methane	7.08	93	603018	39.07	ng	99
29) 2,4-Dichlorophenol	7.20	162	412369	40.86	ng	99
30) 1,2,4-Trichlorobenzene	7.30	180	421111	40.51	ng	98
31) Naphthalene	7.39	128	1467910	40.16	ng	99
32) Benzoic acid	7.15	122	252409	35.12	ng	96
33) 4-Chloroaniline	7.46	127	598756	40.42	ng	# 94
34) Hexachlorobutadiene	7.55	225	216345	40.58	ng	99
35) Caprolactam	7.91	113	131226	40.77	ng	97
36) 4-Chloro-3-methylphenol	8.07	107	433848	41.14	ng	90
37) 2-Methylnaphthalene	8.23	142	968811	39.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	384507	41.87	ng	99
40) Hexachlorocyclopentadiene	8.42	237	168285	39.16	ng	99

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 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Manual Integrations
 APPROVED

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Quant Time: Apr 06 13:24:49 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	271641	41.81	nq	99
43) 2,4,5-Trichlorophenol	8.63	196	293088	41.69	nq	96
45) 1,1'-Biphenyl	8.80	154	1088343	40.19	nq	98
46) 2-Chloronaphthalene	8.82	162	861042	40.62	nq	94
47) 2-Nitroaniline	8.95	65	265403	42.21	nq	# 83
48) Acenaphthylene	9.33	152	1417722	40.24	nq	100
49) Dimethylphthalate	9.19	163	975722	40.89	nq	100
50) 2,6-Dinitrotoluene	9.26	165	231877	42.39	nq	# 89
51) Acenaphthene	9.55	154	817379	39.76	nq	100
52) 3-Nitroaniline	9.46	138	273653	42.60	nq	93
53) 2,4-Dinitrophenol	9.59	184	118647	42.83	nq	# 68
54) Dibenzofuran	9.76	168	1088051	38.88	nq	98
55) 4-Nitrophenol	9.69	139	198426	39.44	nq	# 70
56) 2,4-Dinitrotoluene	9.75	165	274773	39.98	nq	# 67
57) Fluorene	10.17	166	911173	39.27	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	198536	41.15	nq	98
59) Diethylphthalate	10.06	149	939359	39.83	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	382488	38.69	nq	93
61) 4-Nitroaniline	10.22	138	270895	43.95	nq	96
62) Azobenzene	10.37	77	872373	39.10	nq	97
64) 4,6-Dinitro-2-methylphenol	10.26	198	161038	44.27	nq	# 73
65) n-Nitrosodiphenylamine	10.33	169	822789	40.05	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	237619	40.67	nq	99
67) Hexachlorobenzene	10.85	284	239519	40.50	nq	# 86
68) Atrazine	11.00	200	251656	40.90	nq	96
69) Pentachlorophenol	11.10	266	135360	36.77	nq	98
70) Phenanthrene	11.35	178	1308303	39.59	nq	99
71) Anthracene	11.42	178	1355213	39.83	nq	99
72) Carbazole	11.62	167	1389015	39.82	nq	98
73) Di-n-butylphthalate	12.07	149	1450720	39.99	nq	99
74) Fluoranthene	12.82	202	1349553	39.89	nq	99
76) Benzidine	12.98	184	722383	38.20	nq	95
77) Pyrene	13.09	202	1388477	40.04	nq	100
79) Butylbenzylphthalate	13.90	149	619935	41.96	nq	# 83
80) Benzo(a)anthracene	14.56	228	1136390	40.78	nq	99
81) 3,3'-Dichlorobenzidine	14.54	252	425893	42.76	nq	# 95
82) Chrysene	14.61	228	1059063	40.96	nq	99
83) Bis(2-ethylhexyl)phthalate	14.62	149	838434	41.59	nq	# 100
84) Di-n-octyl phthalate	15.37	149	1428441	42.42	nq	98
85) Indeno(1,2,3-cd)pyrene	17.52	276	941951	42.06	nq	99
87) Benzo(b)fluoranthene	15.79	252	1080228	42.51	nq	98
88) Benzo(k)fluoranthene	15.83	252	934217m	37.57	nq	
89) Benzo(a)pyrene	16.14	252	947103	40.47	nq	98
90) Dibenzo(a,h)anthracene	17.54	278	792618	39.99	nq	97
91) Benzo(g,h,i)perylene	17.91	276	794051	39.76	nq	99

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

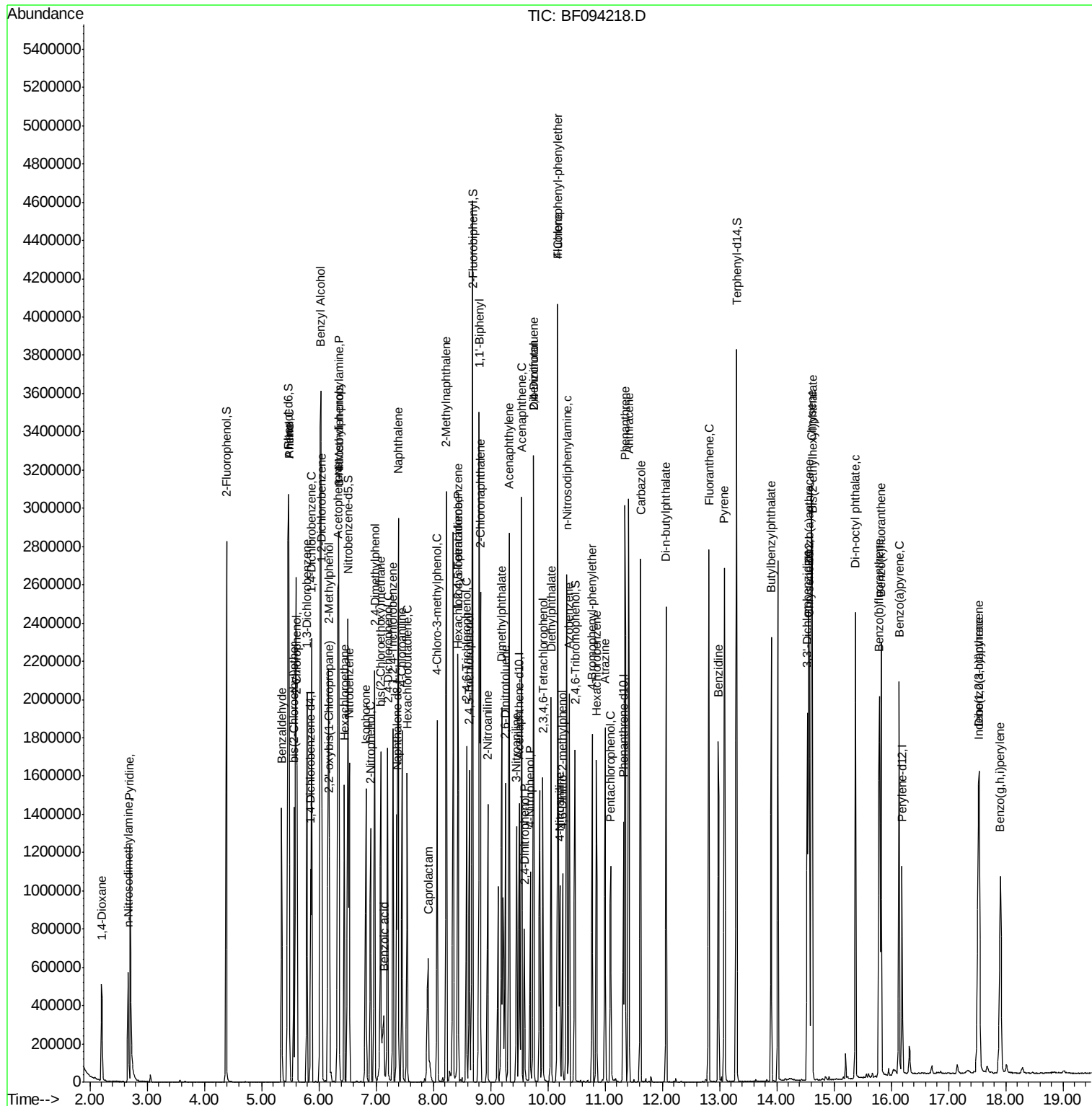
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\  
Data File : BF094218.D  
Acq On    : 6 Apr 2017 10:20  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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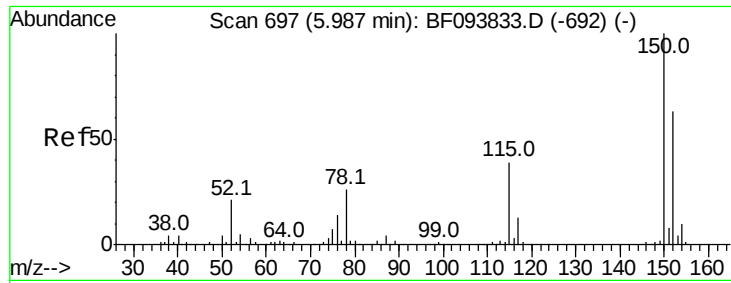
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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4/7/2017 5:20:30 PM

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#1

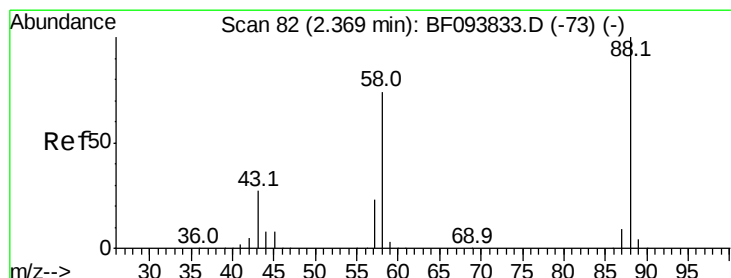
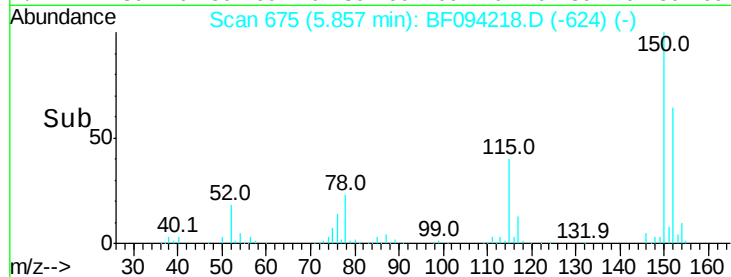
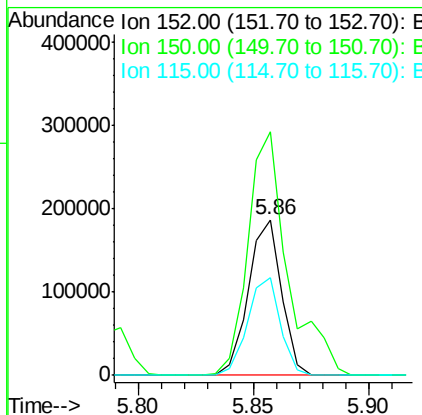
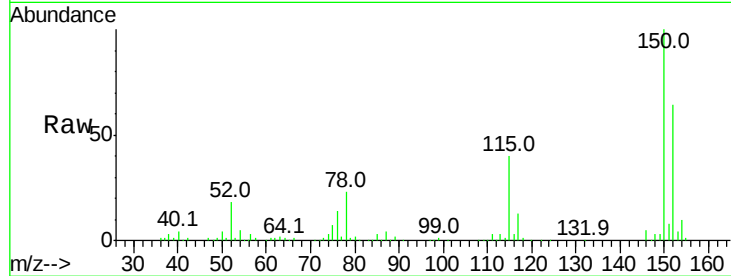
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	62.4	52.2	78.2

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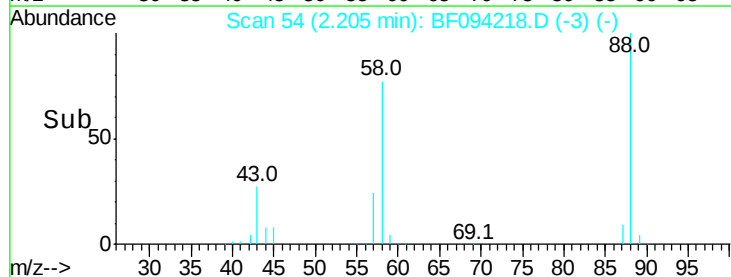
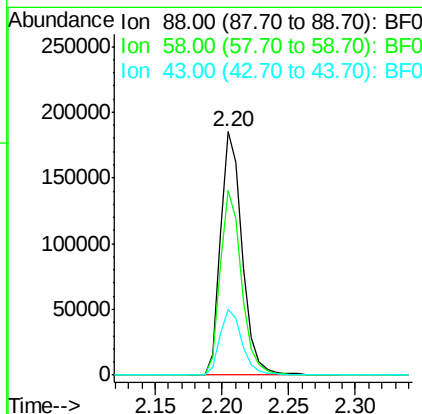
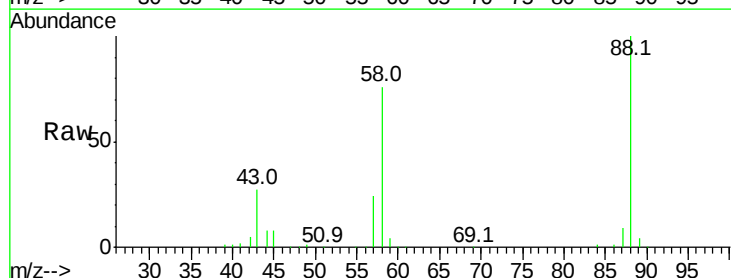
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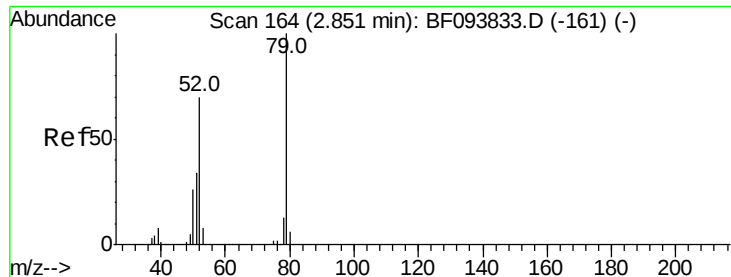


#2

1,4-Dioxane
Concen: 40.08 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	61.4	92.0
43	27.8	23.4	35.0





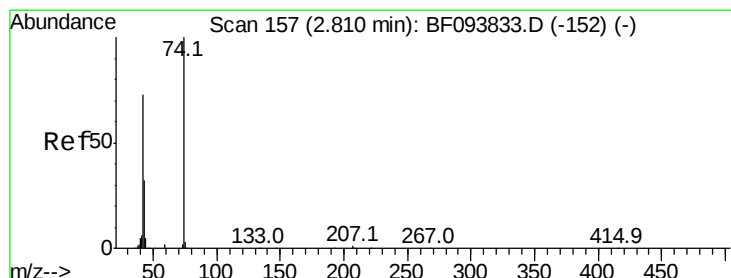
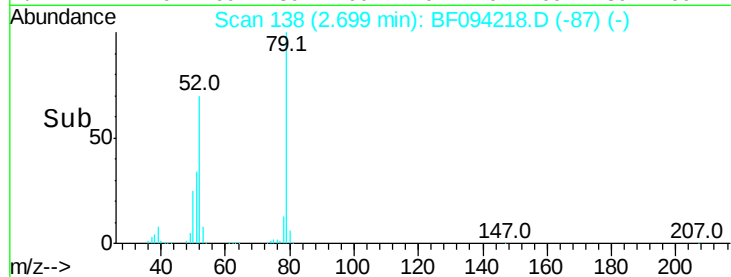
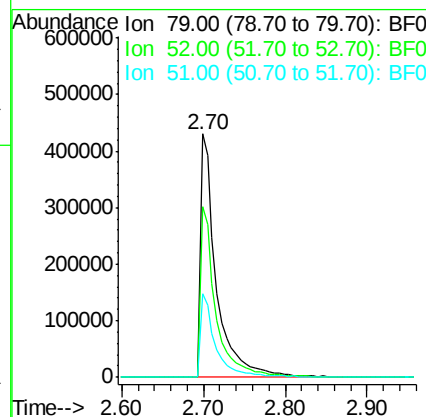
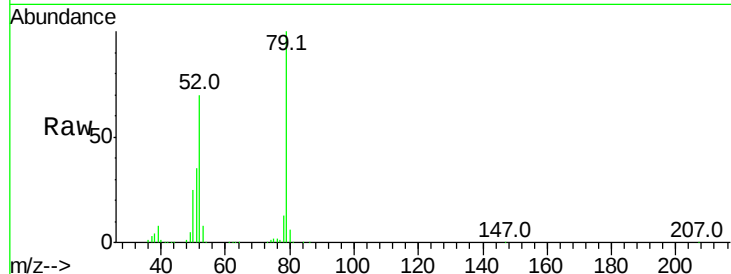
#3
Pvridine
Concen: 40.08 ng
RT: 2.70 min Scan# 138
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.3	54.8	82.2
51	34.6	27.0	40.4

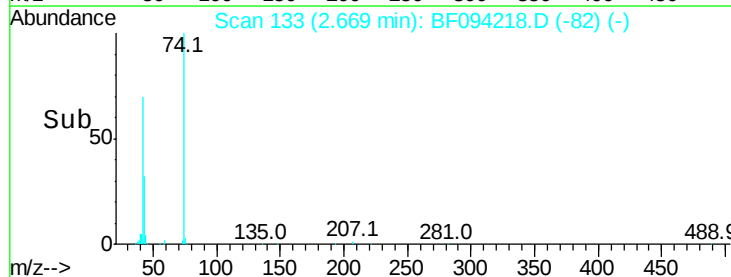
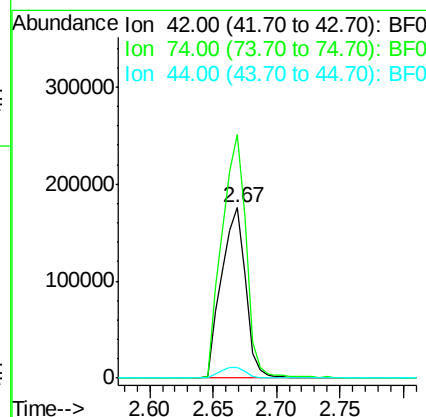
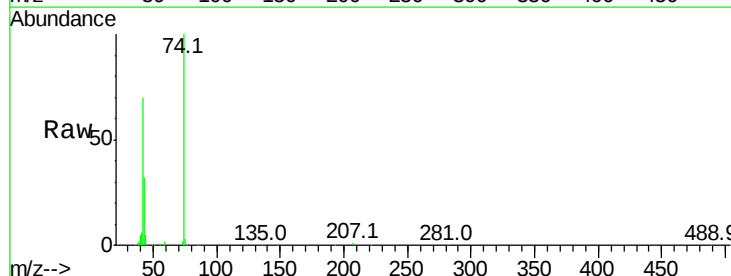
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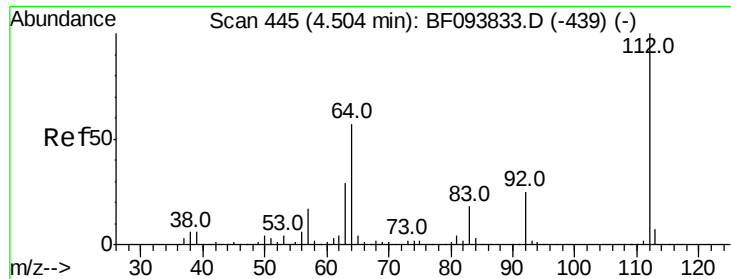
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#4
n-Nitrosodimethylamine
Concen: 39.41 ng
RT: 2.67 min Scan# 133
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.1	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 79.90 ng

RT: 4.39 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

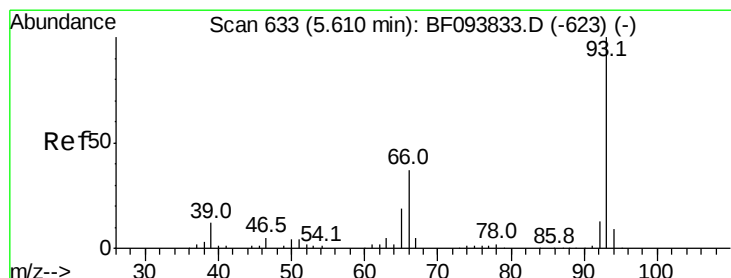
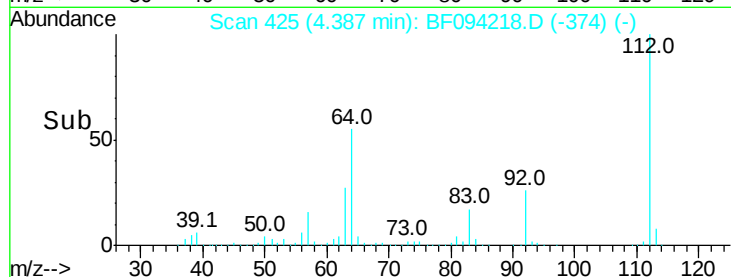
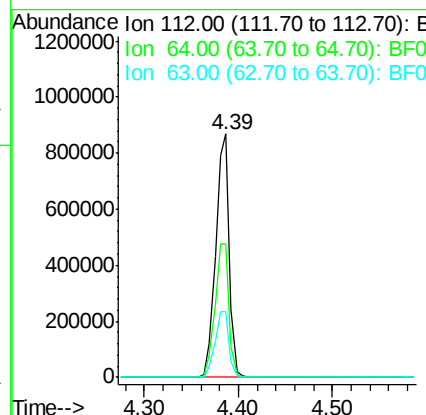
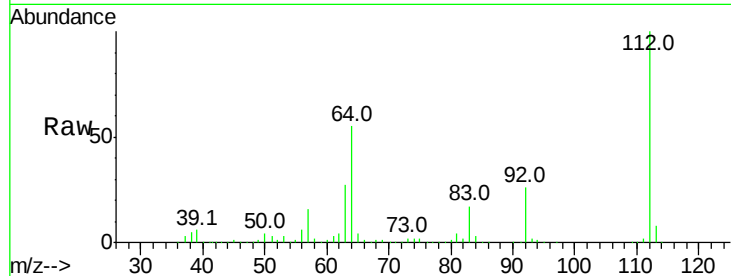
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	884694
Ion Ratio	Lower	Upper	
112	100		
64	54.8	46.0	69.0
63	27.1	23.4	35.0

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#6

Aniline

Concen: 37.29 ng

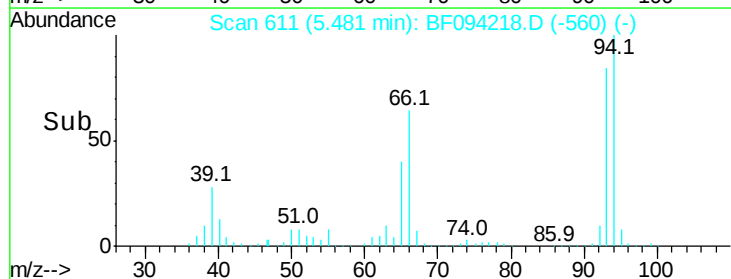
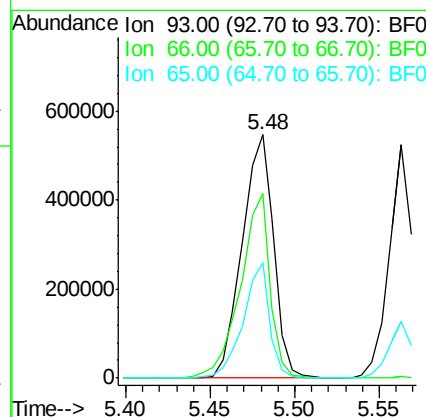
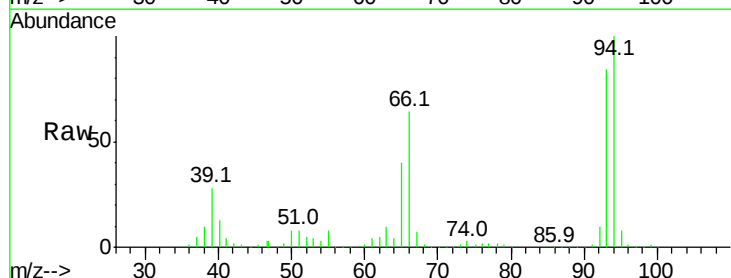
RT: 5.48 min Scan# 611

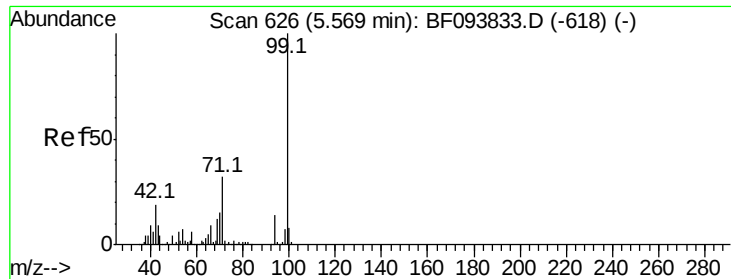
Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Tgt Ion:	93	Resp:	710519
Ion Ratio	Lower	Upper	
93	100		
66	75.8	32.9	49.3#
65	47.3	16.0	24.0#





#7

Phenol-d6

Concen: 79.39 ng

RT: 5.46 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1087452

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

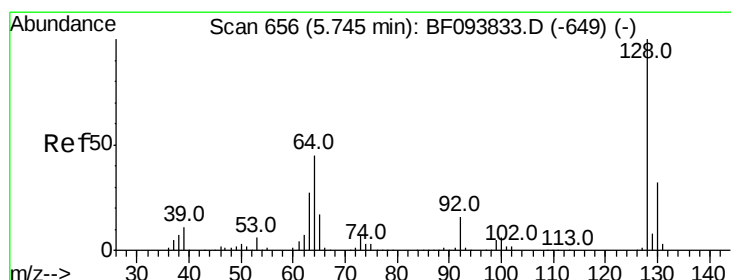
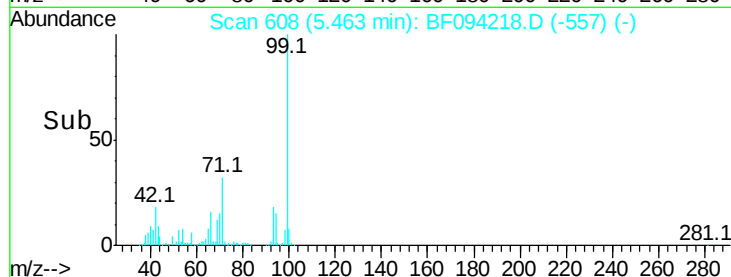
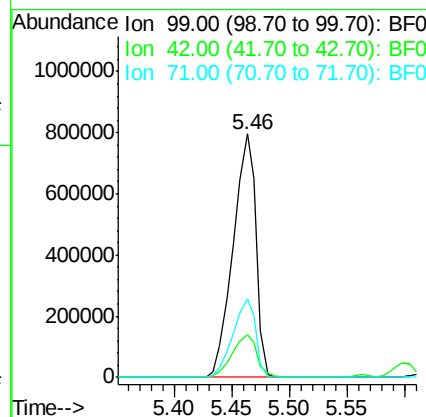
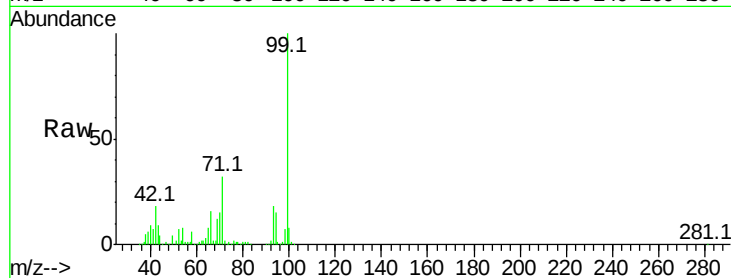
71 32.2 24.5 36.7

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#8

2-Chlorophenol

Concen: 41.10 ng

RT: 5.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

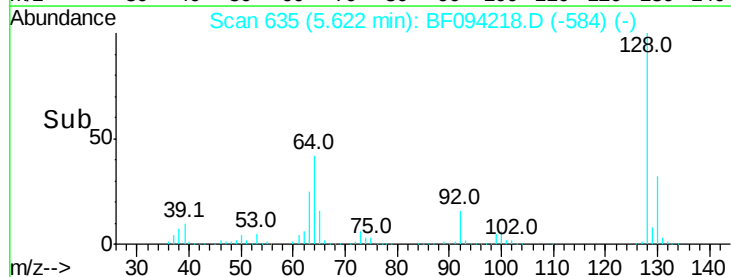
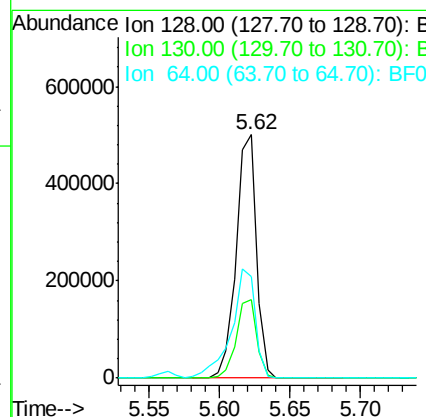
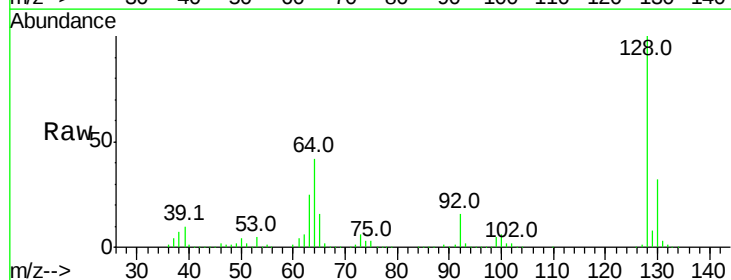
Tgt Ion: 128 Resp: 500201

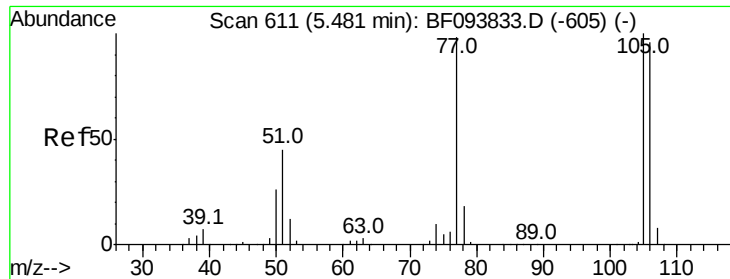
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 41.6 28.4 68.4





#9

Benzaldehyde

Concen: 35.91 ng

RT: 5.35 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

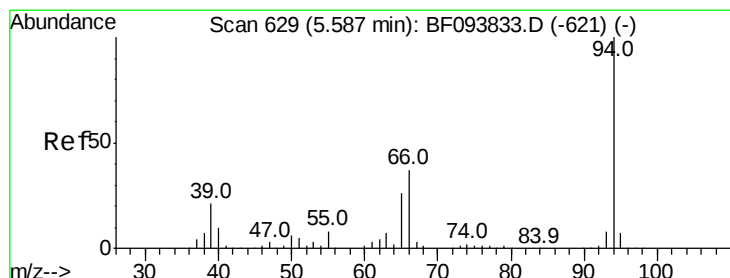
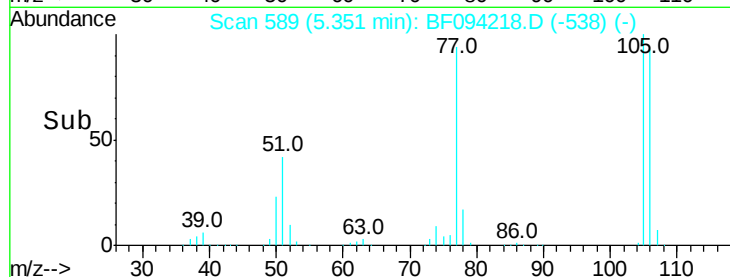
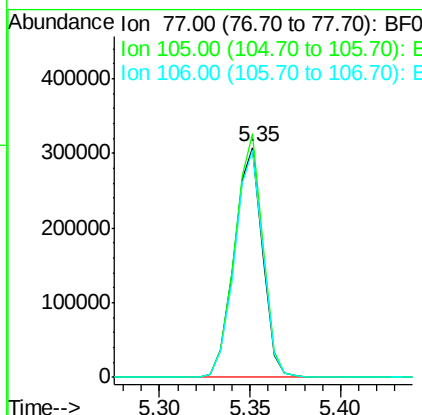
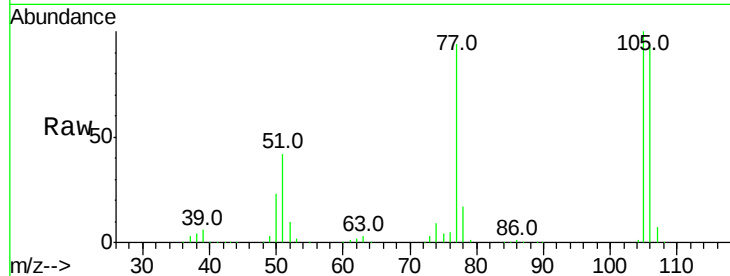
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.0	83.8	123.8
106	99.1	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 39.15 ng

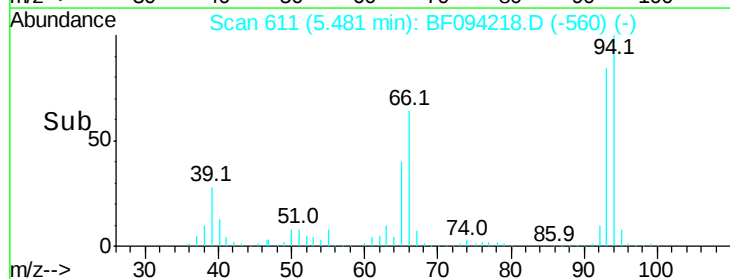
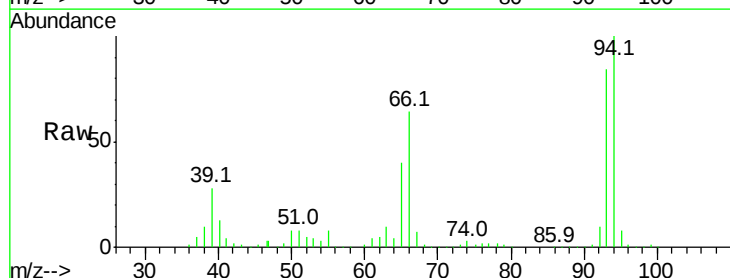
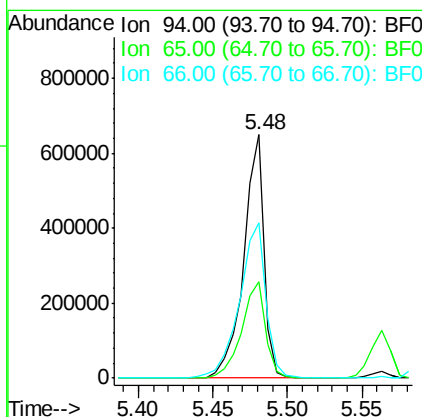
RT: 5.48 min Scan# 611

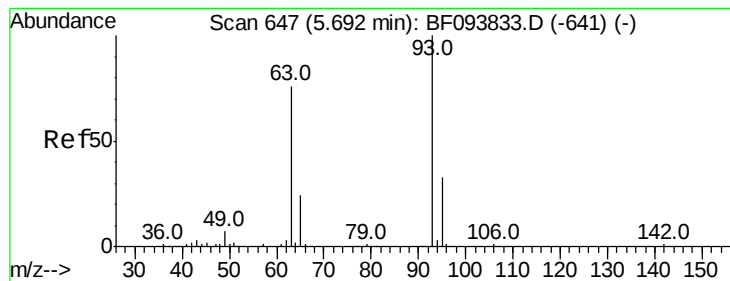
Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.8	9.9	49.9
66	63.9	23.1	63.1#





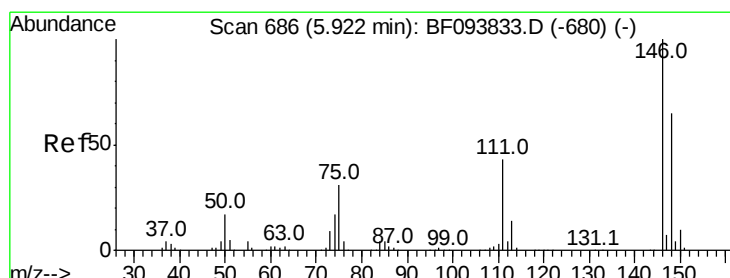
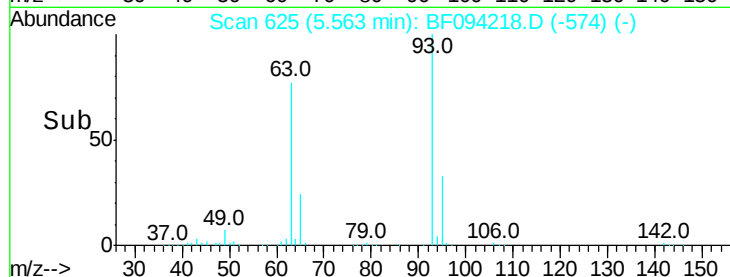
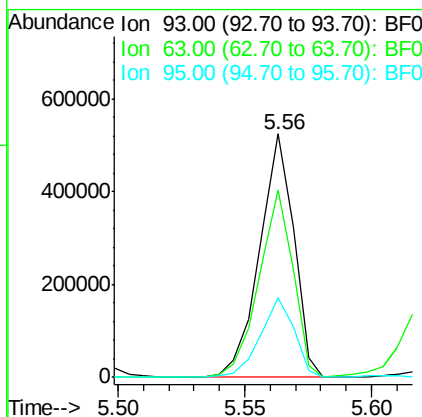
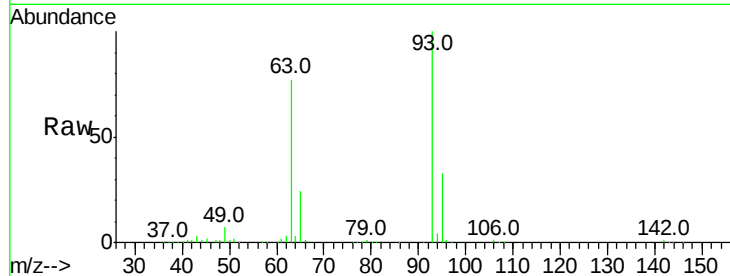
#11
bis(2-Chloroethyl)ether
Concen: 40.39 ng
RT: 5.56 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	491956		
63	76.8	59.2	99.2	
95	33.0	12.8	52.8	

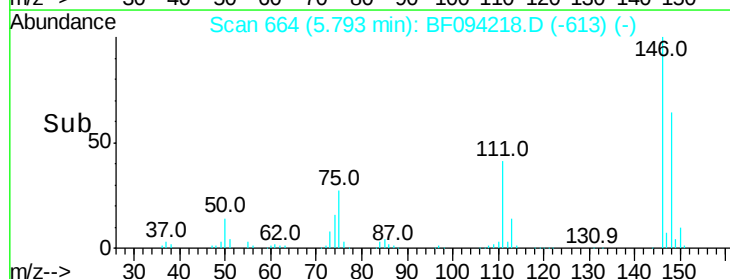
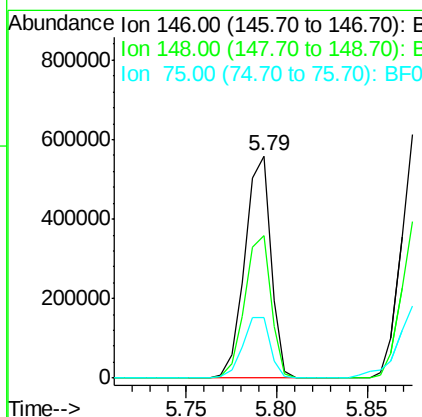
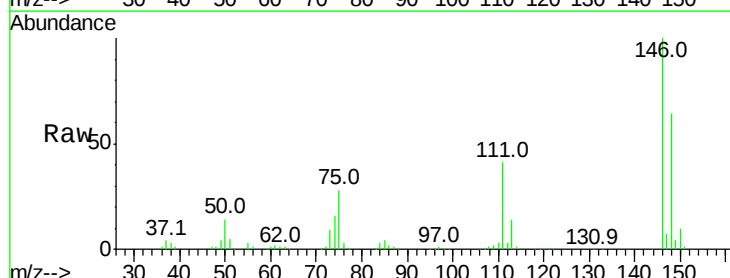
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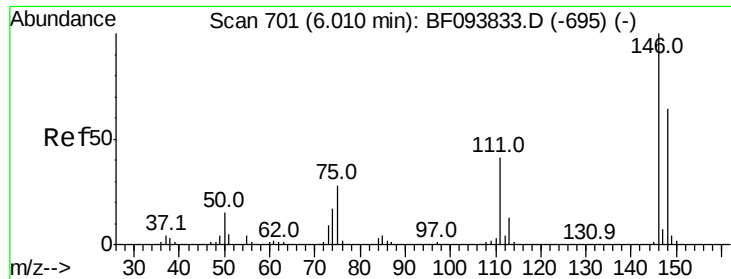
mohammad
4/7/2017 5:20:30 PM



#12
1,3-Dichlorobenzene
Concen: 40.87 ng
RT: 5.79 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	557956		
148	64.3	51.8	77.6	
75	27.5	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 41.12 ng

RT: 5.87 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

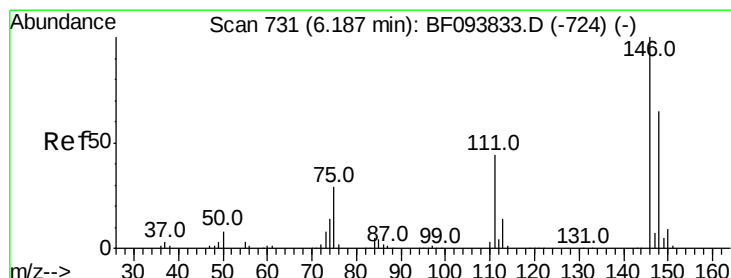
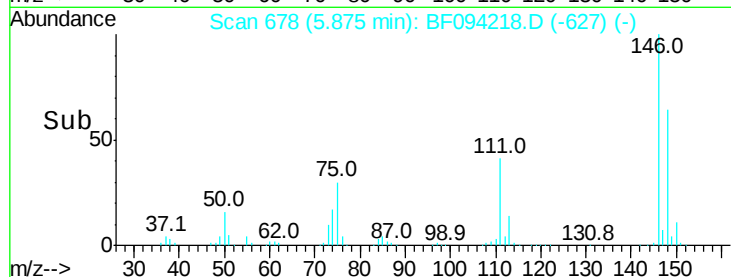
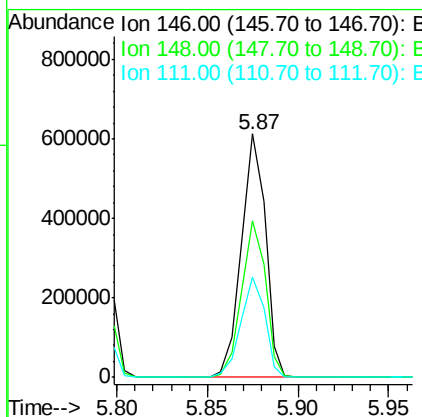
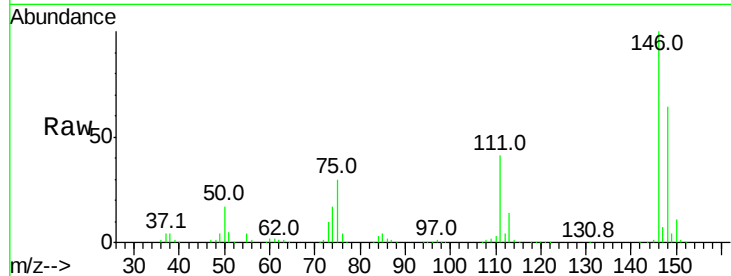
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	568567
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.2
111	41.1	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 41.28 ng

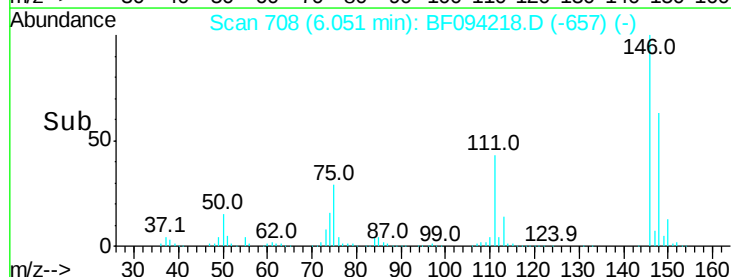
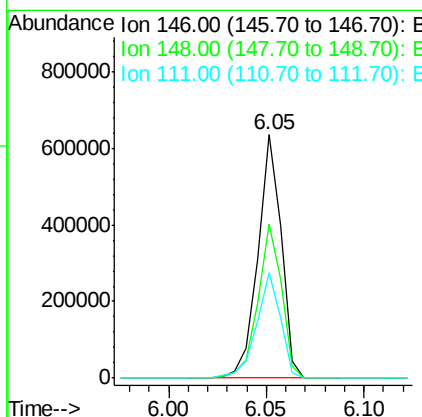
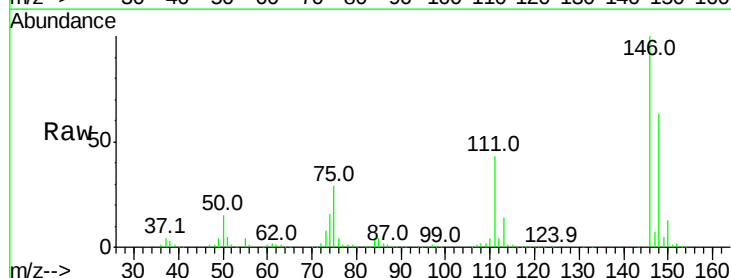
RT: 6.05 min Scan# 708

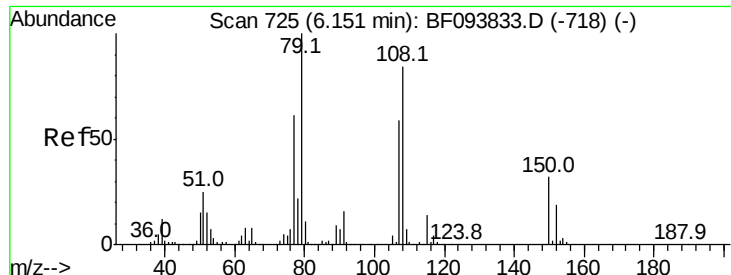
Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Tgt Ion:	146	Resp:	525607
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.4	75.6
111	43.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 38.73 ng

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 388269

Ion Ratio Lower Upper

79 100

108 83.4 63.4 95.0

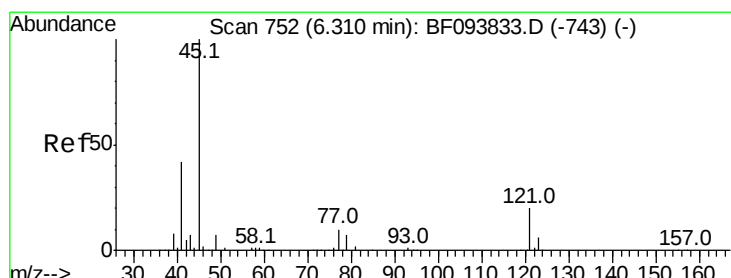
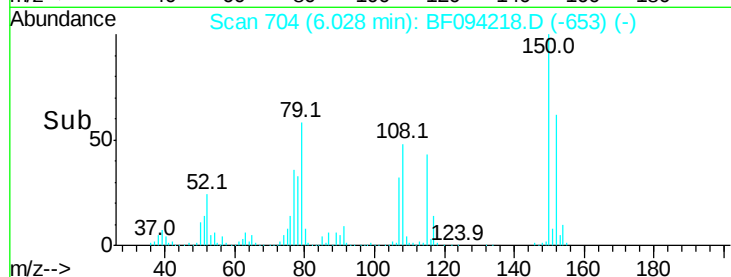
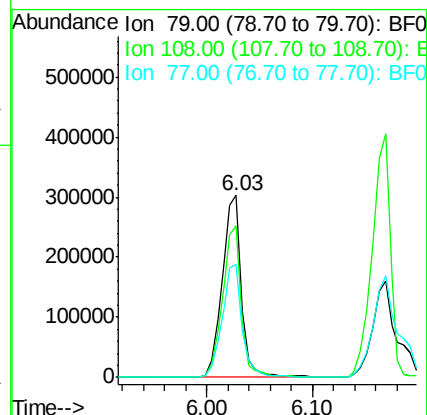
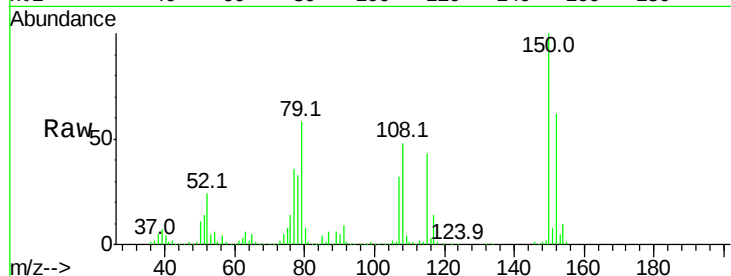
77 62.2 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.44 ng

RT: 6.19 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

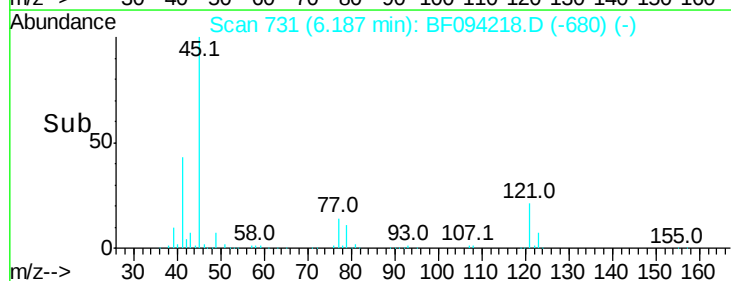
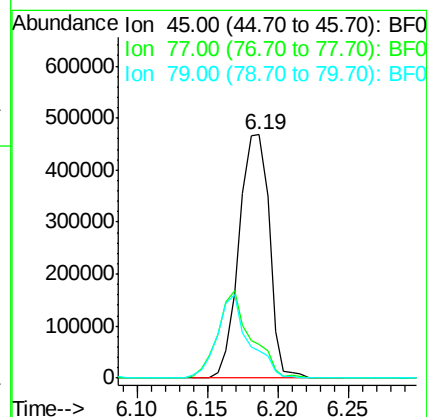
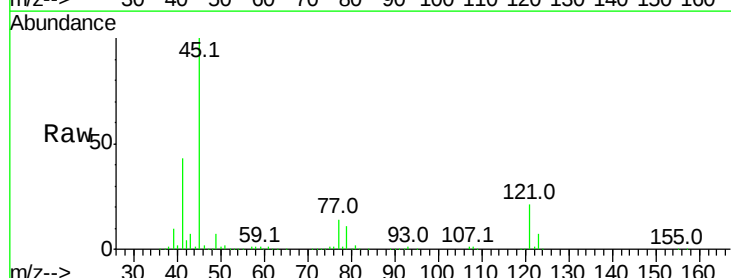
Tgt Ion: 45 Resp: 702740

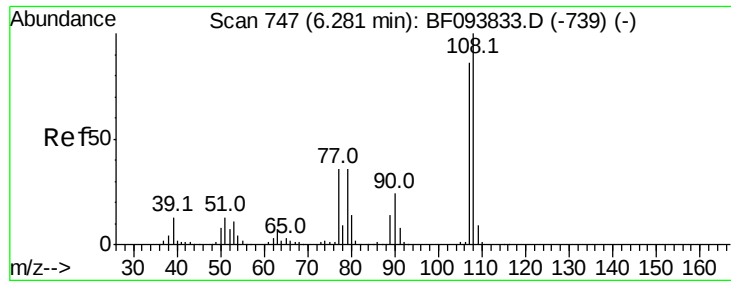
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

79 11.3 0.0 30.0





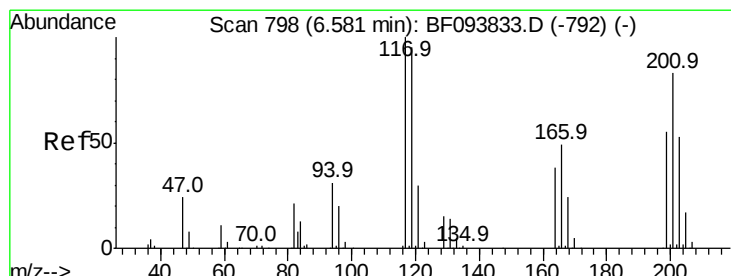
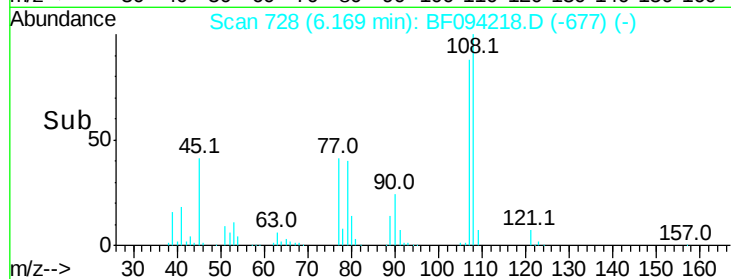
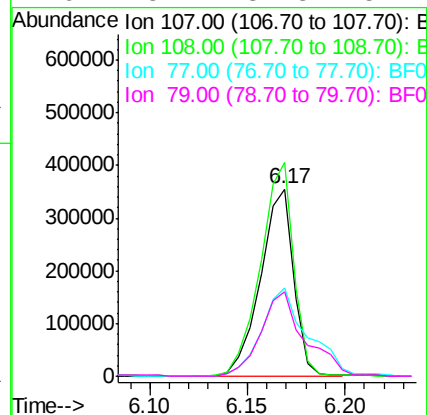
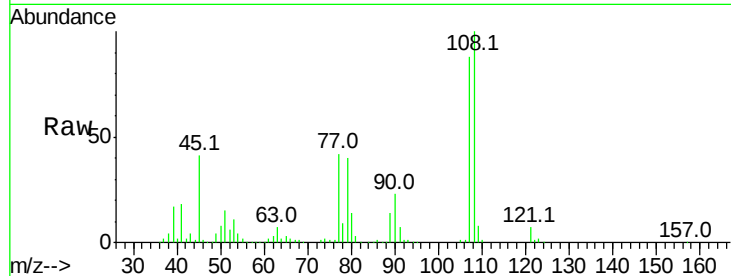
#17
2-Methylphenol
Concen: 40.01 ng
RT: 6.17 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.4	140.0
77	47.3	35.8	53.6
79	45.1	34.8	52.2

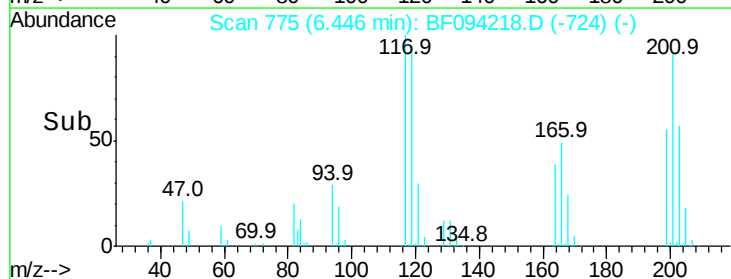
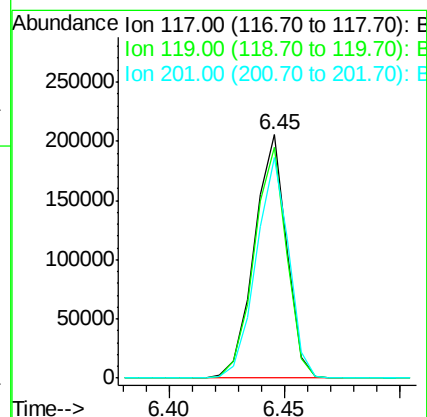
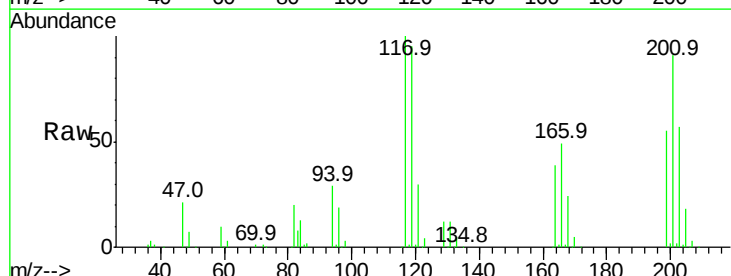
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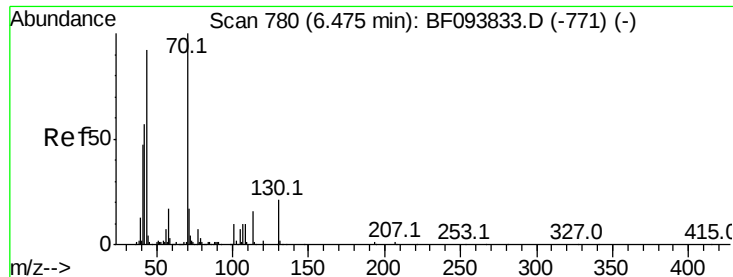
mohammad
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#18
Hexachloroethane
Concen: 41.31 ng
RT: 6.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	90.8	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.08 ng

RT: 6.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

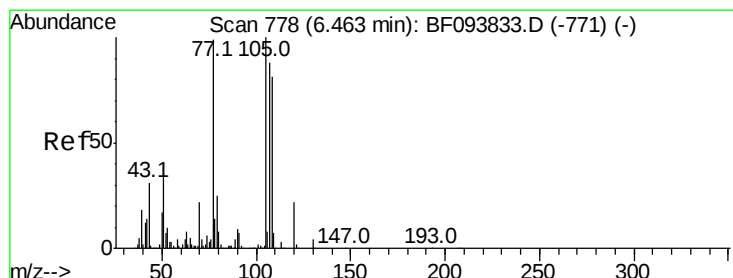
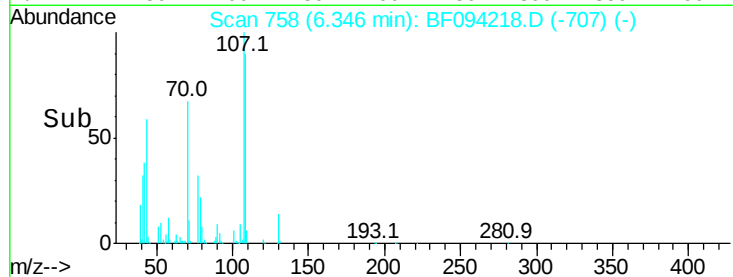
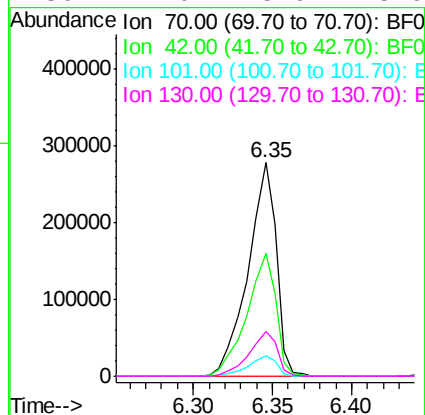
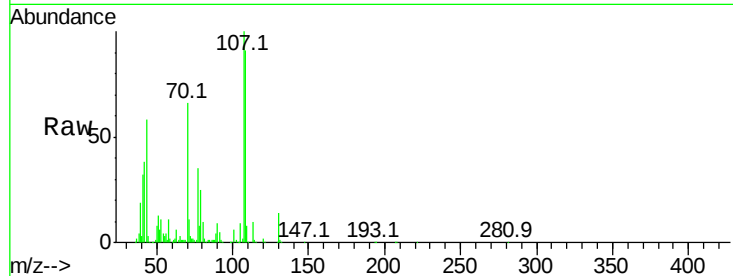
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	47.2	70.8	
101	9.4	7.2	10.8	
130	21.0	15.9	23.9	

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#20

3+4-Methylphenols

Concen: 42.03 ng

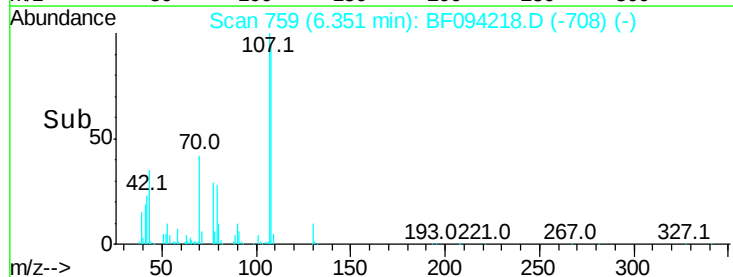
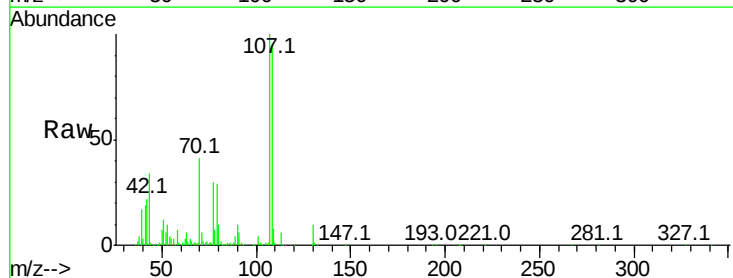
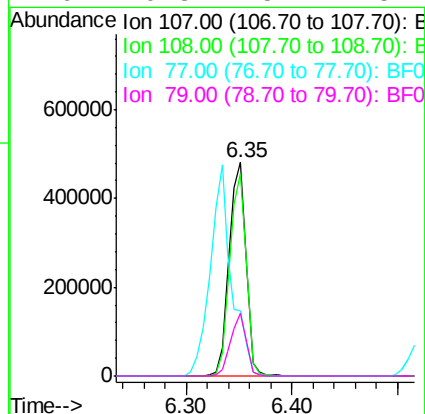
RT: 6.35 min Scan# 759

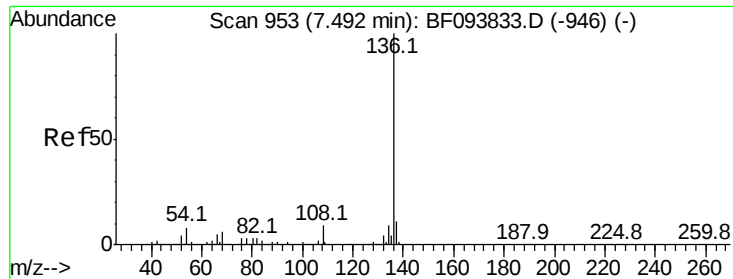
Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.7	71.0	111.0	
77	30.5	90.5	130.5#	
79	29.3	8.4	48.4	





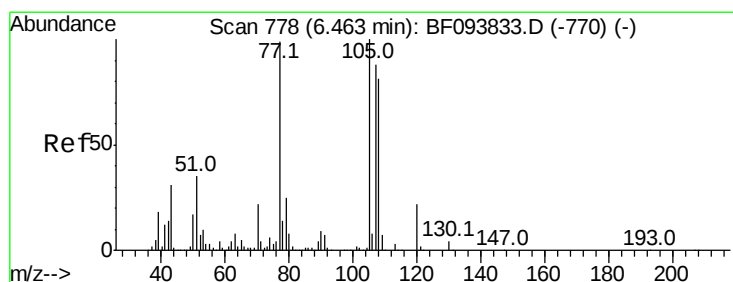
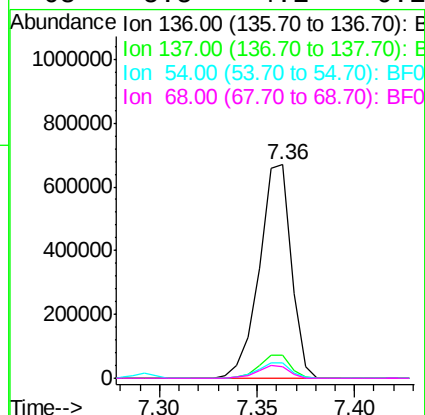
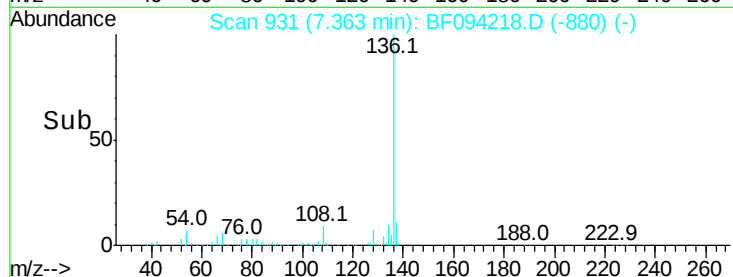
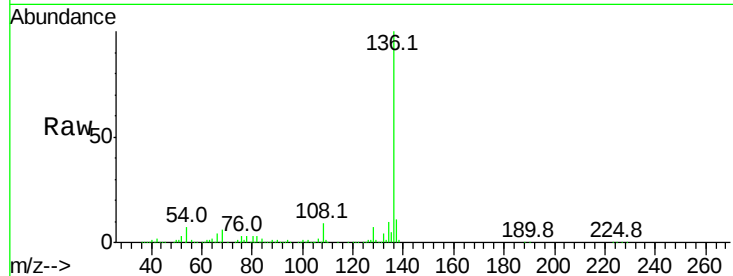
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	760162		
137	11.0		8.5	12.7
54	7.1		4.9	7.3
68	5.5		4.1	6.1

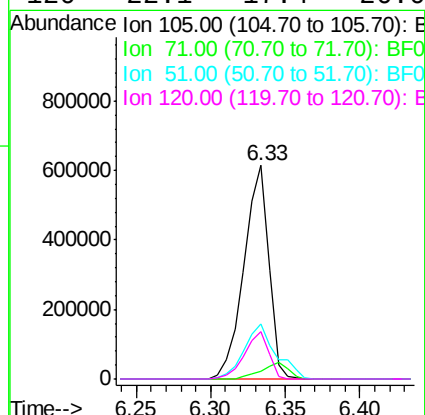
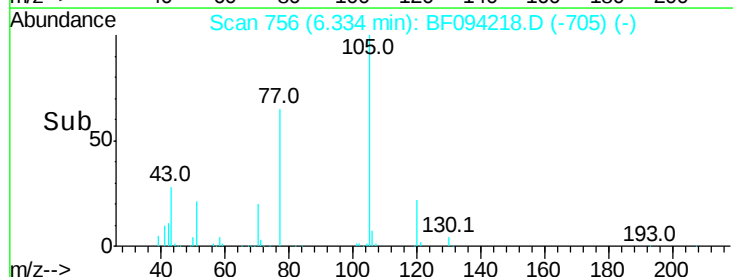
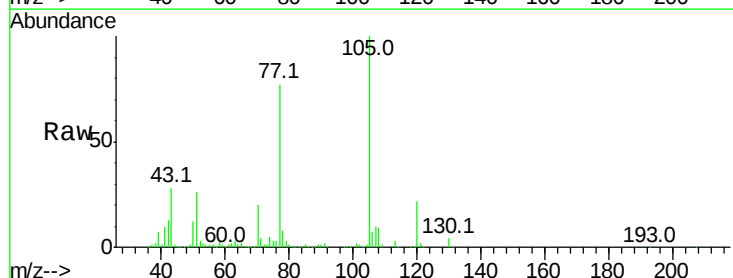
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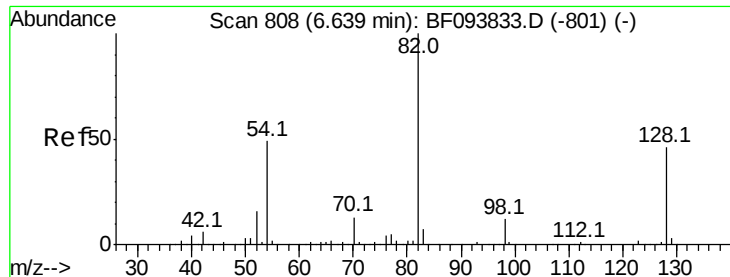
mohammad
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#22
Acetophenone
Concen: 41.92 ng
RT: 6.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	710154		
71	3.6		2.8	4.2
51	25.9		30.7	46.1#
120	22.1		17.4	26.0





#23

Nitrobenzene-d5

Concen: 81.26 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1082445

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

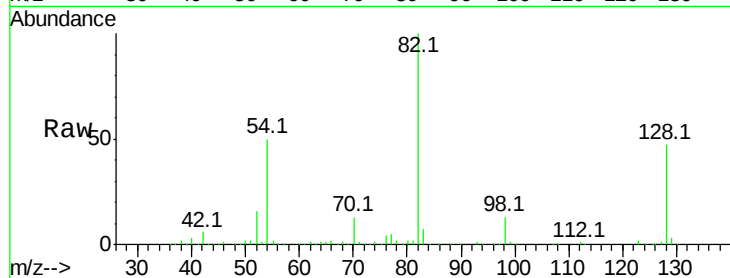
54 49.5 42.2 63.2

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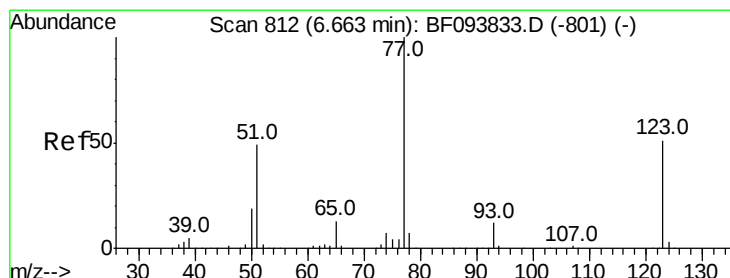
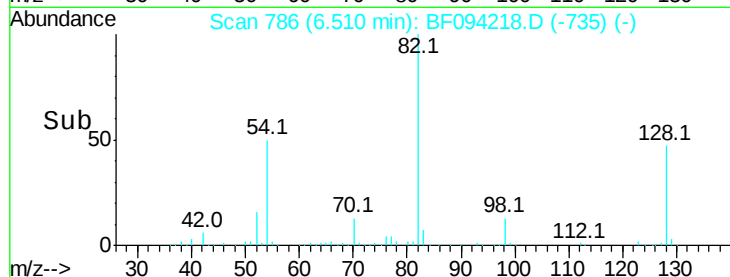
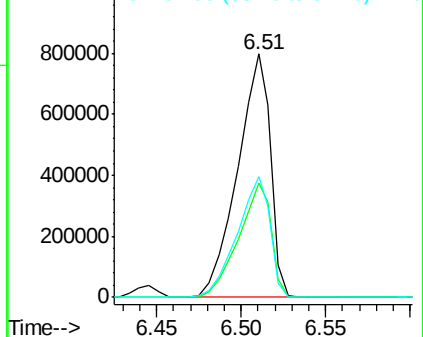
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.07 ng

RT: 6.53 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

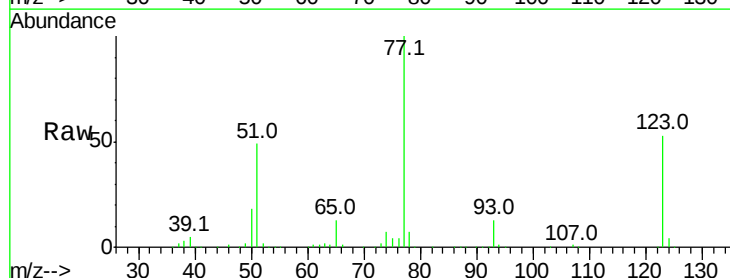
Tgt Ion: 77 Resp: 526367

Ion Ratio Lower Upper

77 100

123 52.6 35.8 53.8

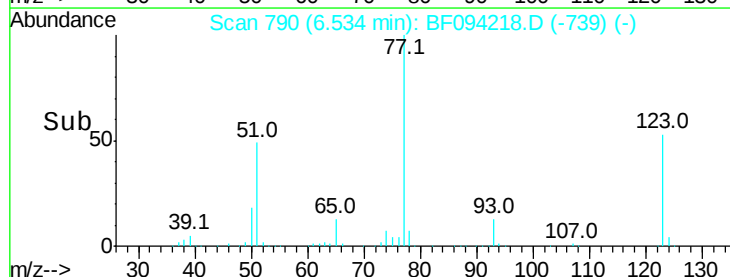
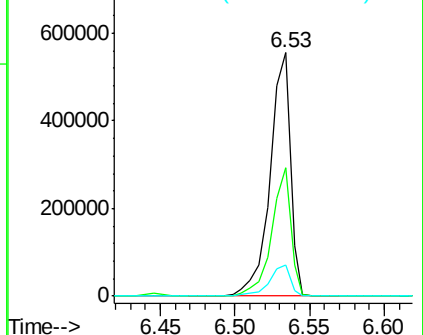
65 12.9 10.6 15.8

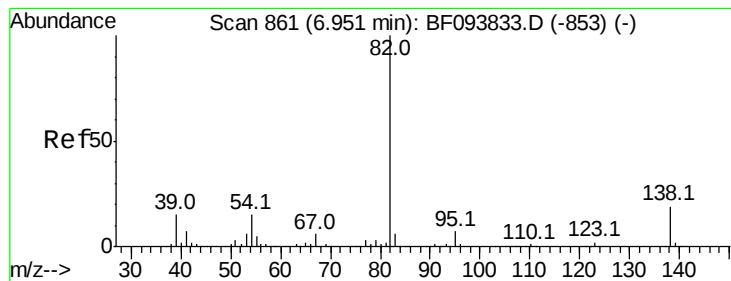


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.83 ng

RT: 6.82 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

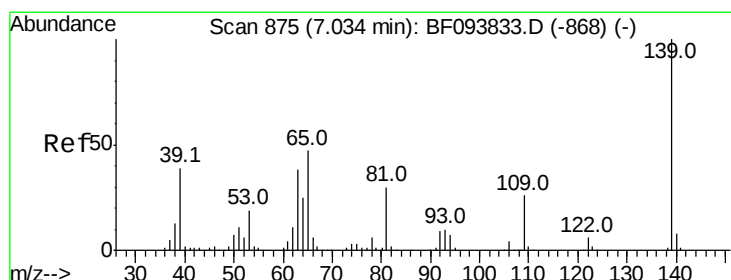
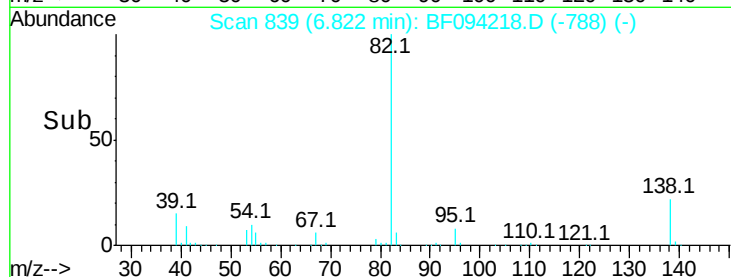
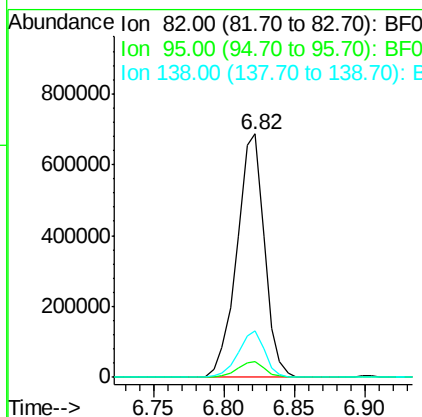
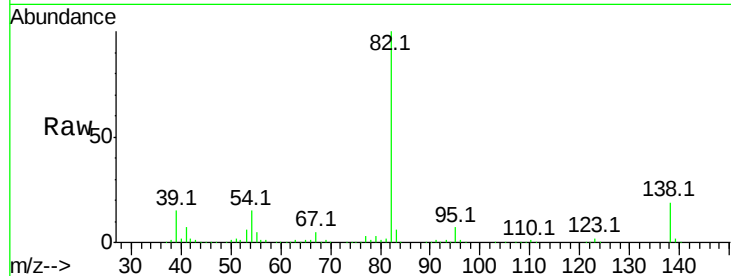
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	932187
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 44.20 ng

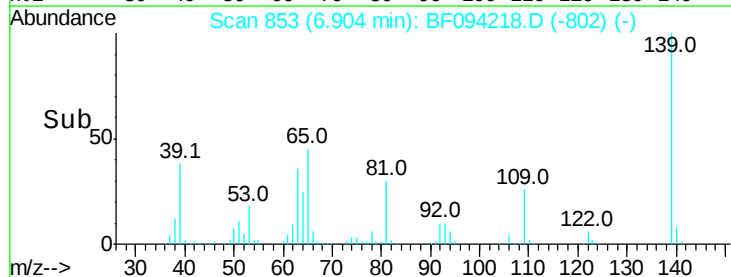
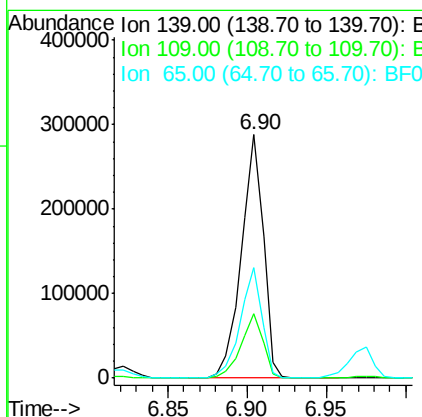
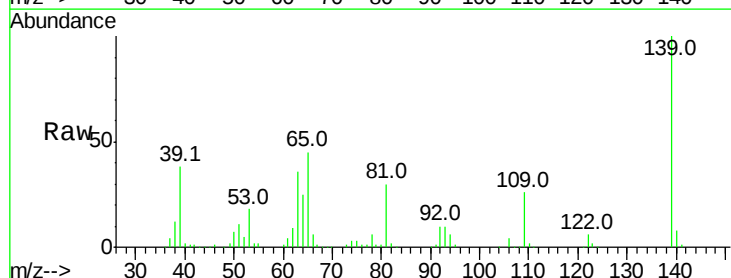
RT: 6.90 min Scan# 853

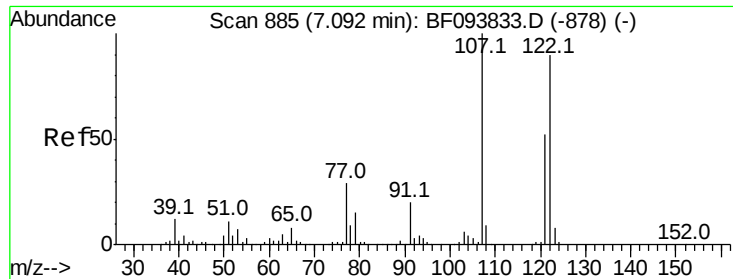
Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Tgt Ion:	139	Resp:	276879
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.0	31.6
65	45.2	33.0	49.6





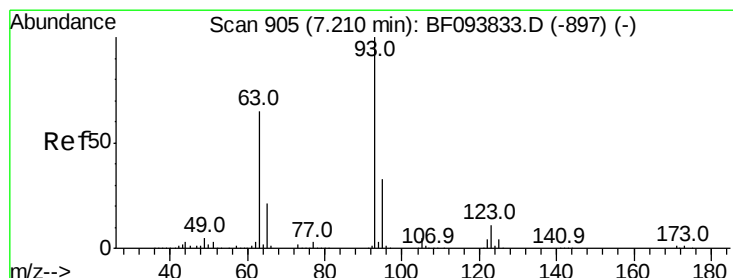
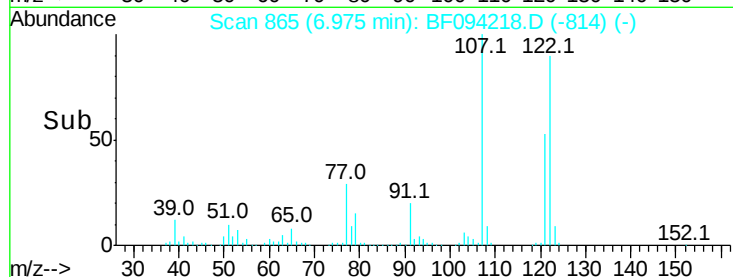
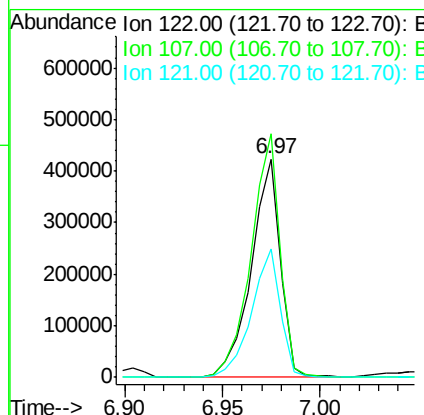
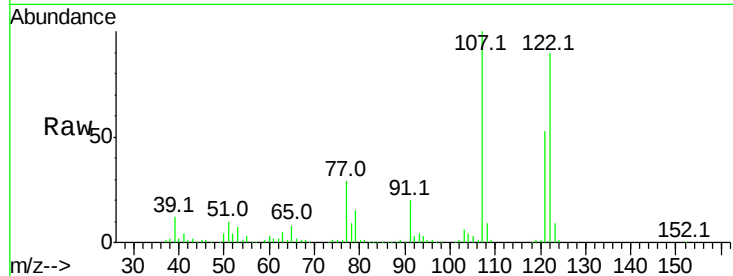
#27
2,4-Dimethylphenol
Concen: 40.51 ng
RT: 6.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.2	133.8
121	59.1	45.2	67.8

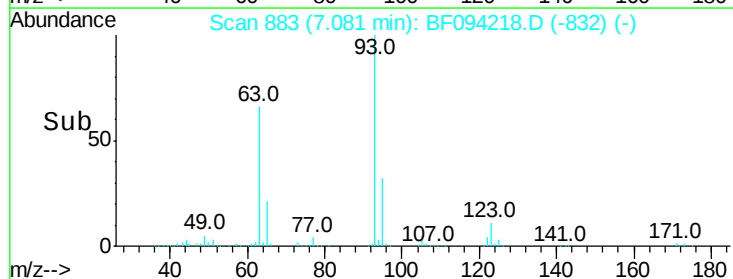
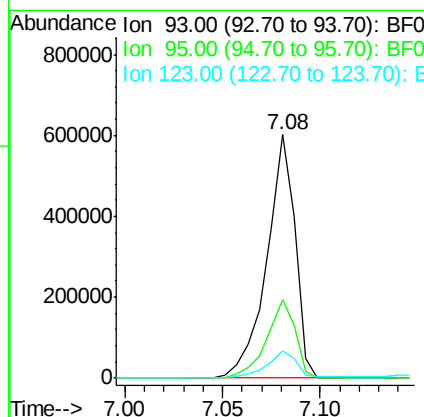
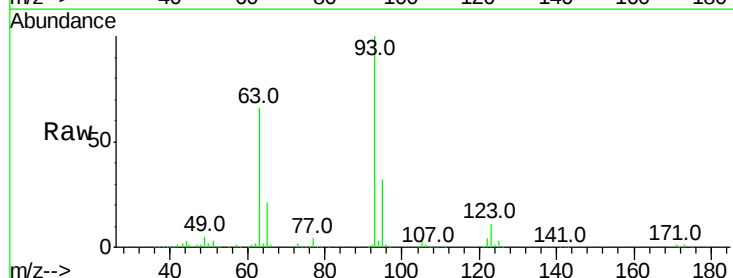
Manual Integrations
APPROVED

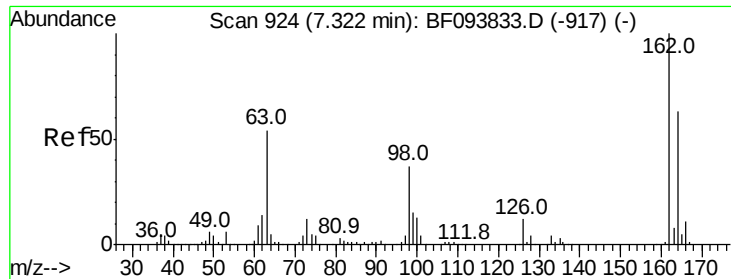
mohammad
4/7/2017 5:20:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.07 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.2	9.0	13.4





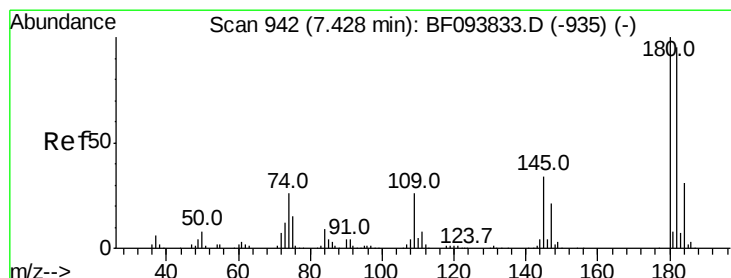
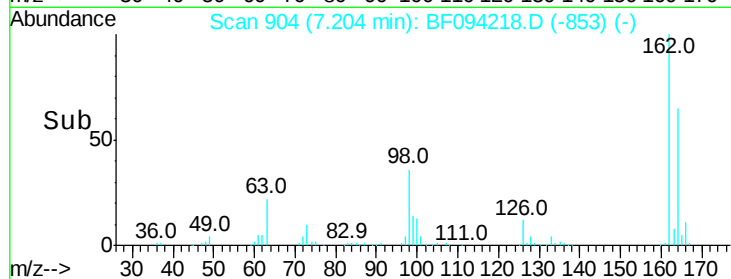
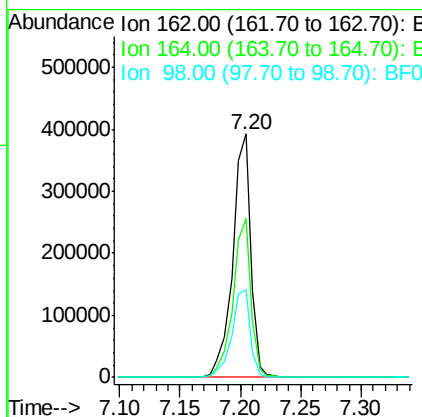
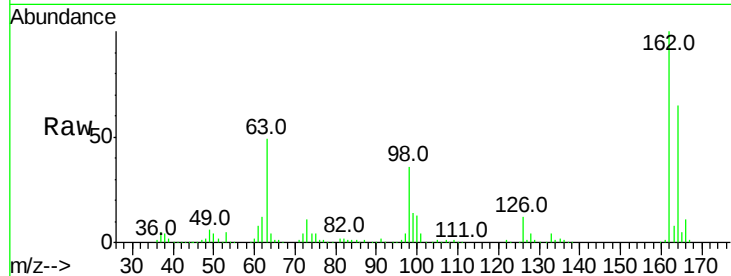
#29
 2,4-Dichlorophenol
 Concen: 40.86 ng
 RT: 7.20 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	412369		
164	65.4		44.6	84.6
98	35.8		14.8	54.8

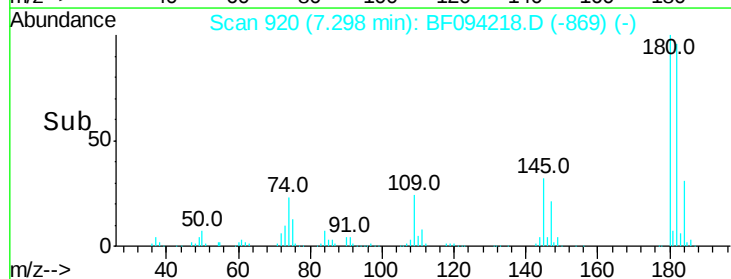
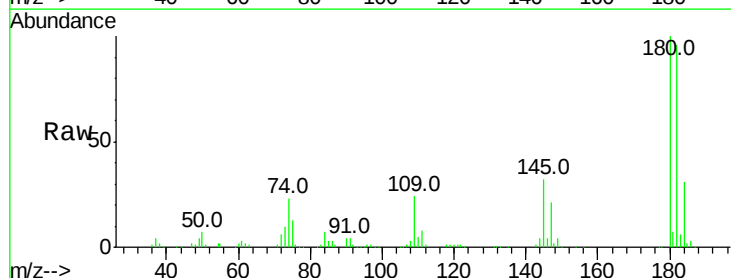
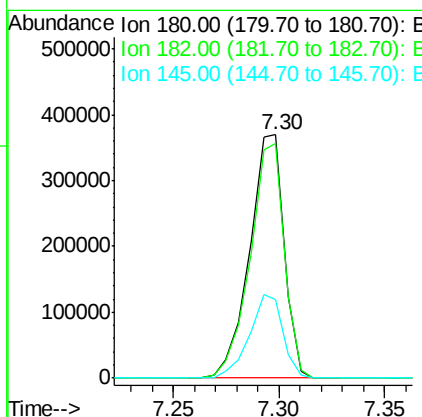
Manual Integrations
 APPROVED

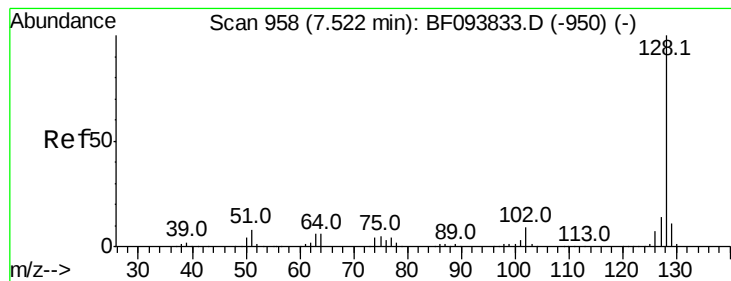
mohammad
 4/7/2017 5:20:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.51 ng
 RT: 7.30 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	421111		
182	96.3		75.8	113.6
145	32.3		25.3	37.9





#31

Naphthalene

Concen: 40.16 ng

RT: 7.39 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1467910

Ion Ratio Lower Upper

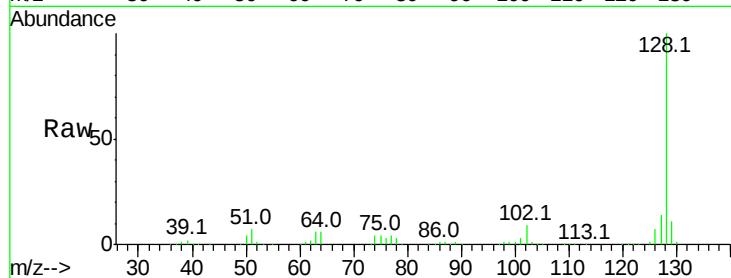
128 100

129 11.4 9.0 13.6

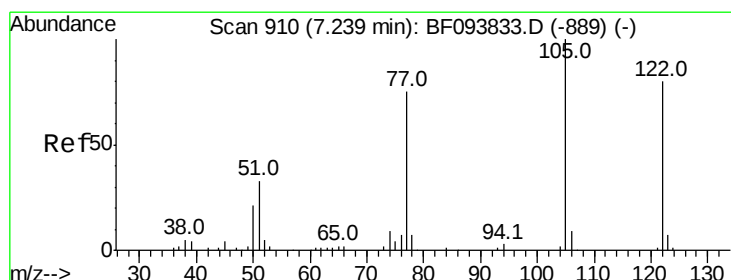
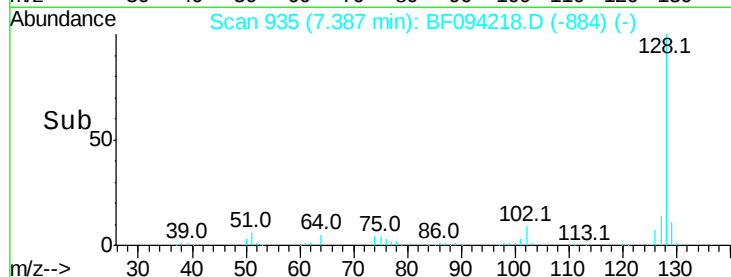
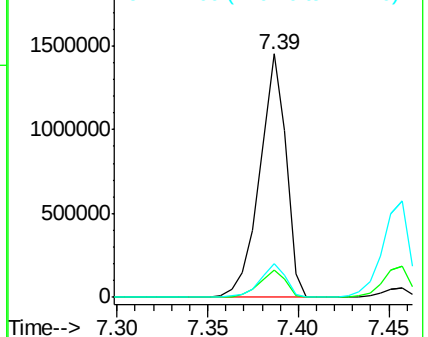
127 13.9 10.8 16.2

Manual Integrations
APPROVED

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4/7/2017 5:20:30 PM



Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.12 ng

RT: 7.15 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

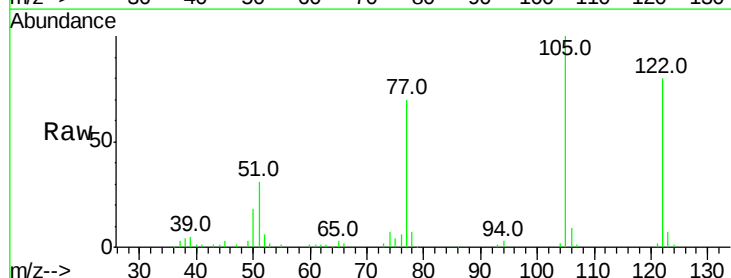
Tgt Ion:122 Resp: 252409

Ion Ratio Lower Upper

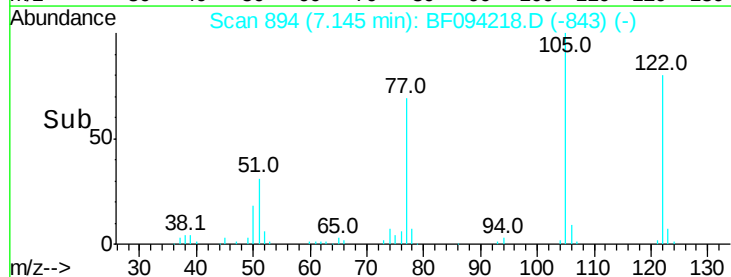
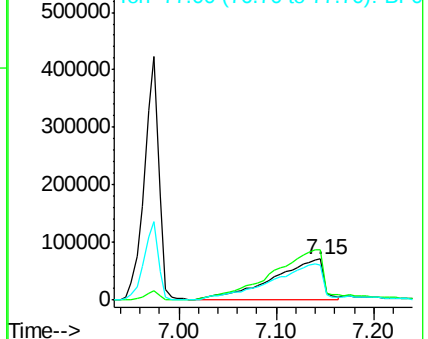
122 100

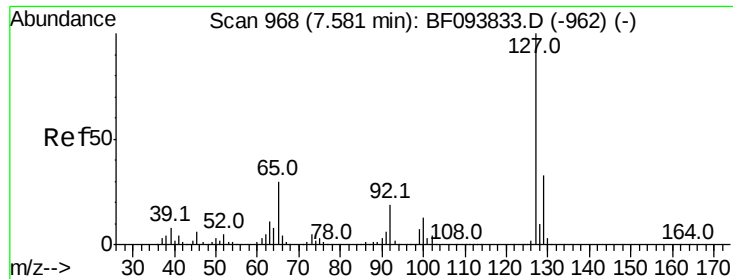
105 124.6 103.3 143.3

77 87.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
500000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





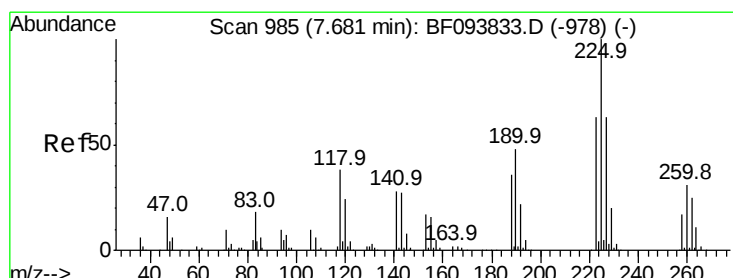
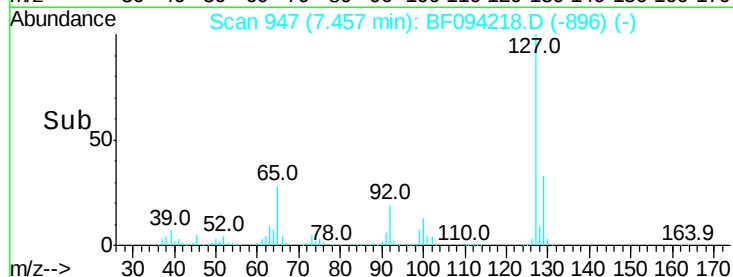
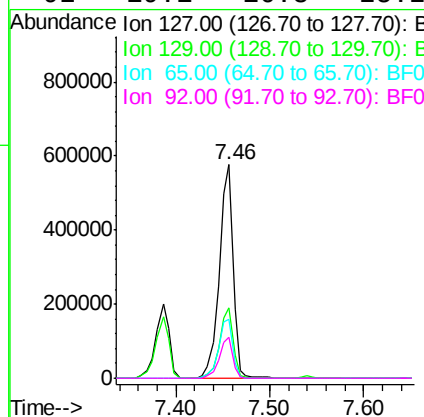
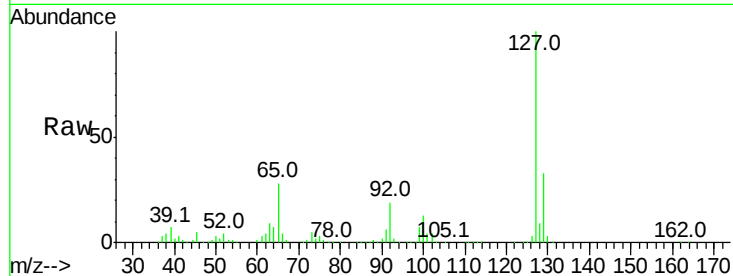
#33
4-Chloroaniline
Concen: 40.42 ng
RT: 7.46 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.2		
65	27.8	27.8	41.8		
92	19.1	16.8	25.2		

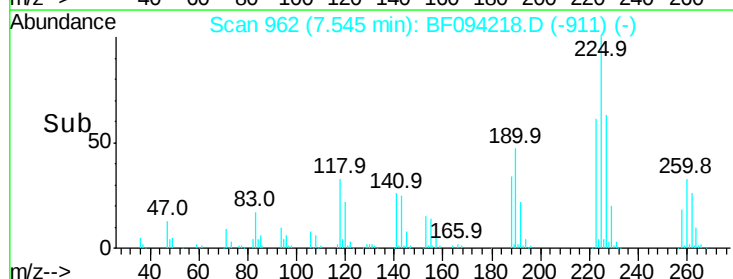
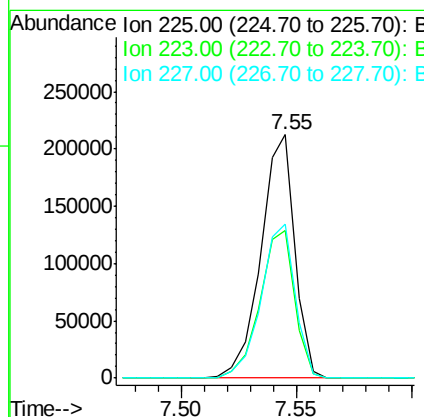
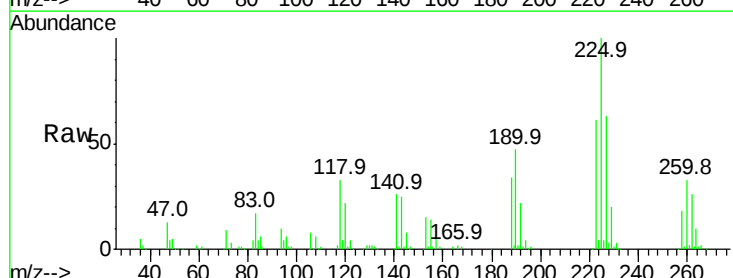
Manual Integrations
APPROVED

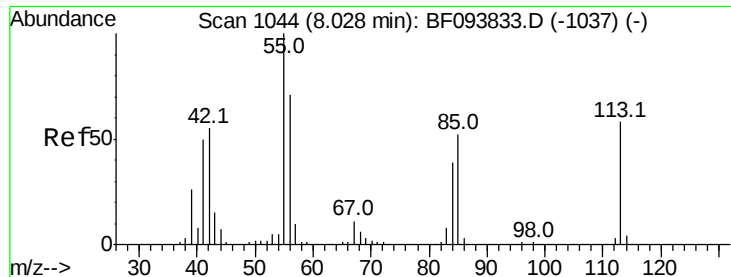
mohammad
4/7/2017 5:20:30 PM



#34
Hexachlorobutadiene
Concen: 40.58 ng
RT: 7.55 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	48.8	73.2		
227	63.0	51.1	76.7		





#35

Caprolactam

Concen: 40.77 ng

RT: 7.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

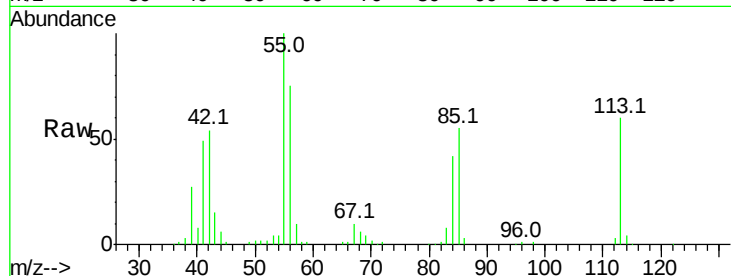
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.2	150.2	190.2
56	124.0	107.8	147.8

Manual Integrations
APPROVED

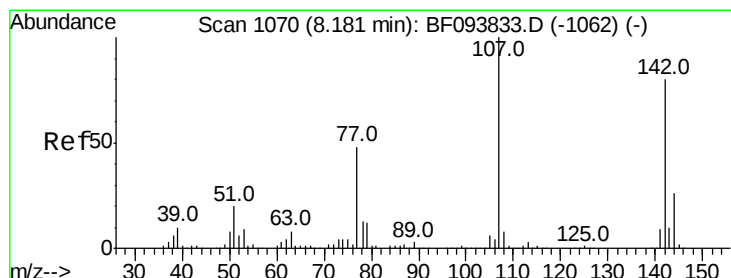
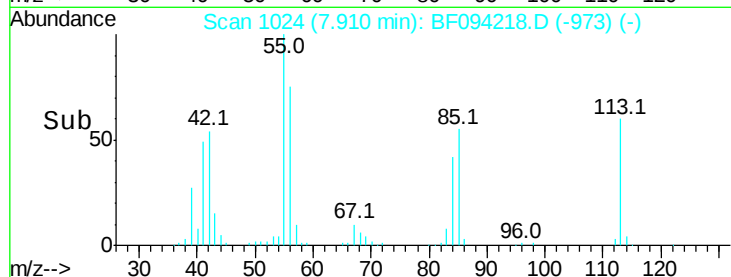
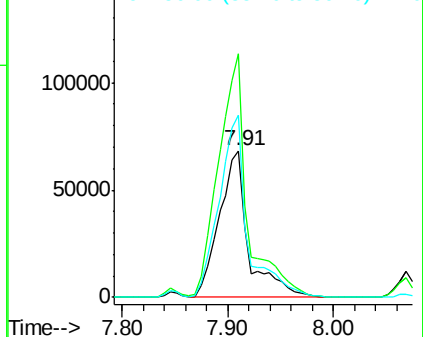
mohammad
4/7/2017 5:20:30 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.14 ng

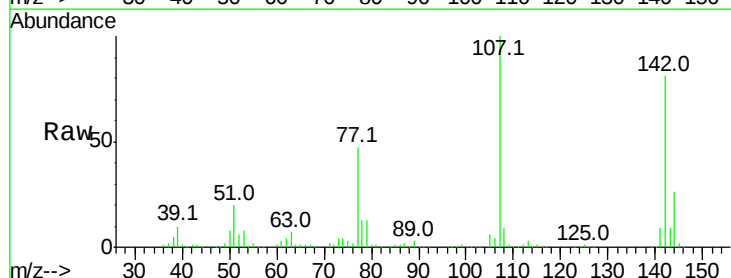
RT: 8.07 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

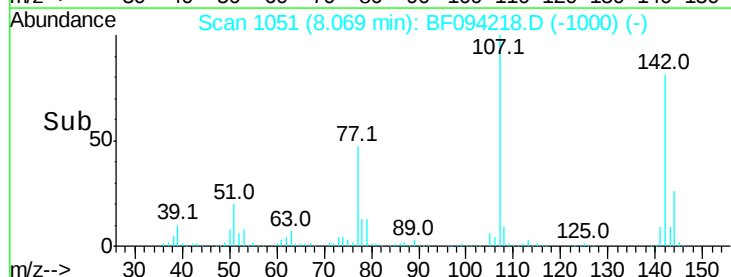
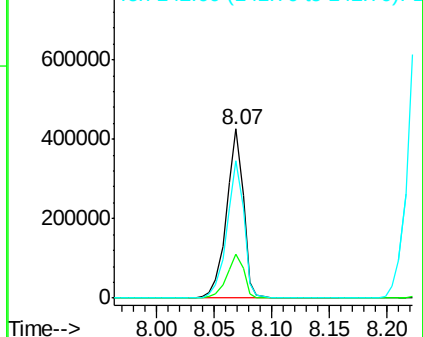
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	24.2	36.4
142	81.0	73.4	110.0

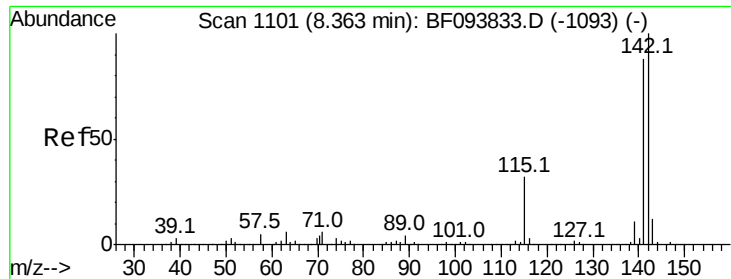


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





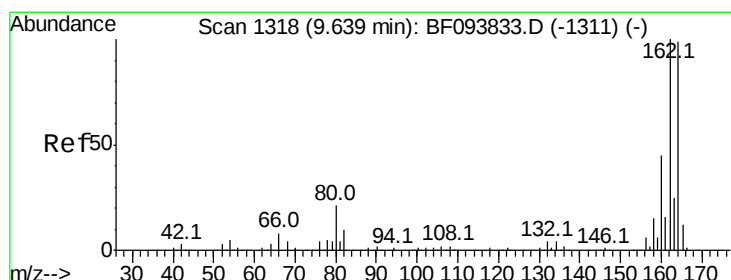
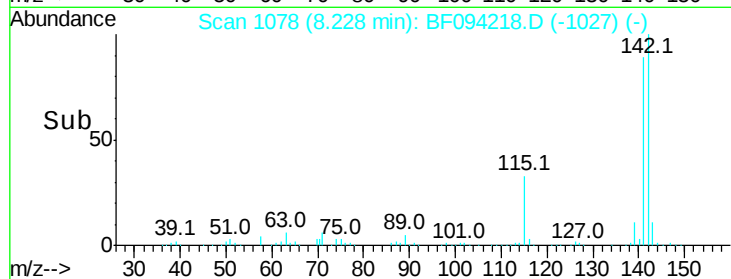
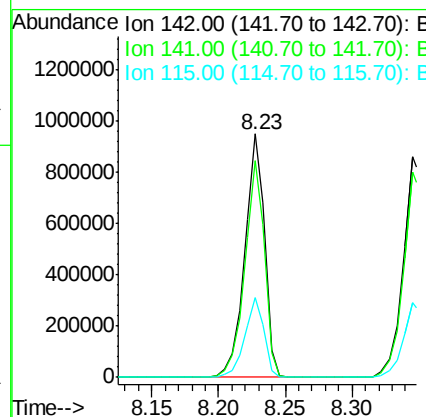
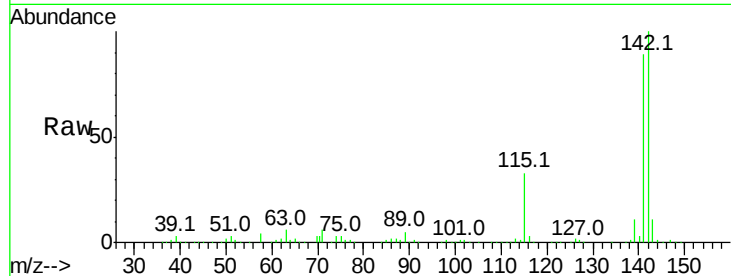
#37
 2-Methylnaphthalene
 Concen: 39.76 ng
 RT: 8.23 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	32.8	27.1	40.7

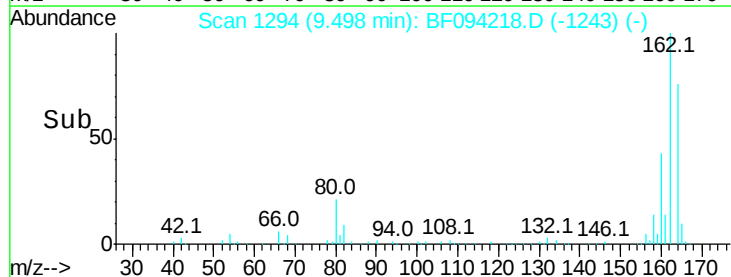
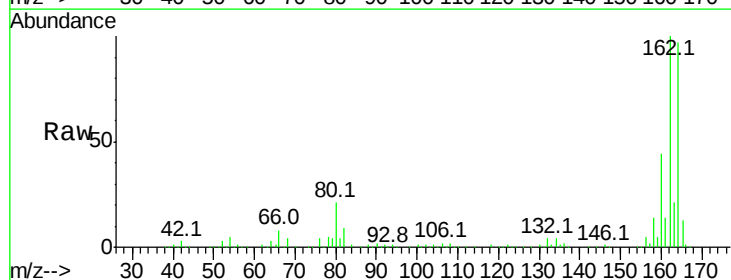
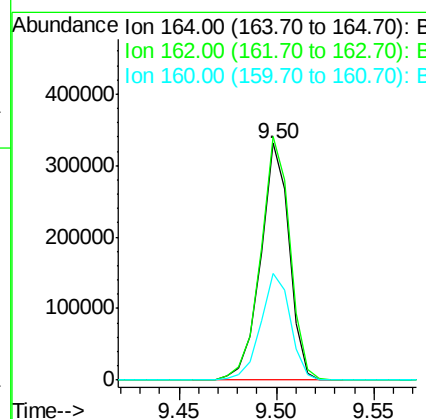
Manual Integrations
 APPROVED

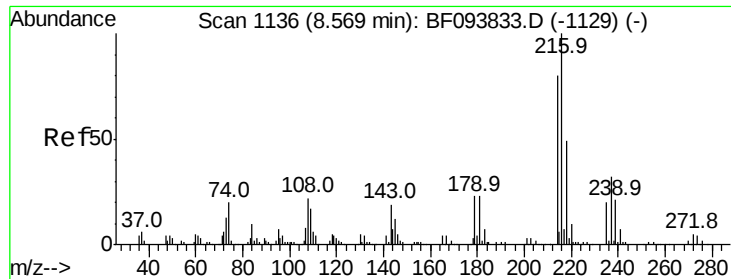
mohammad
 4/7/2017 5:20:30 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	44.7	36.2	54.2





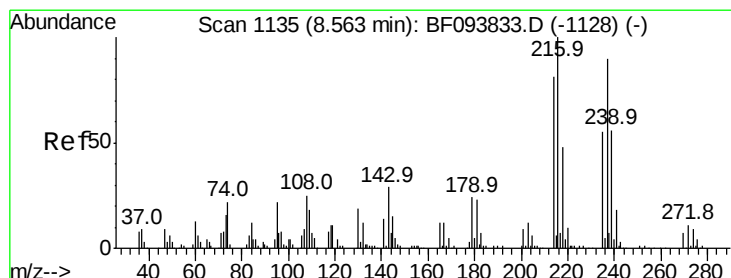
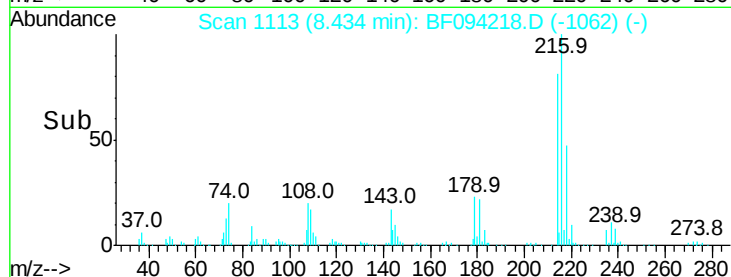
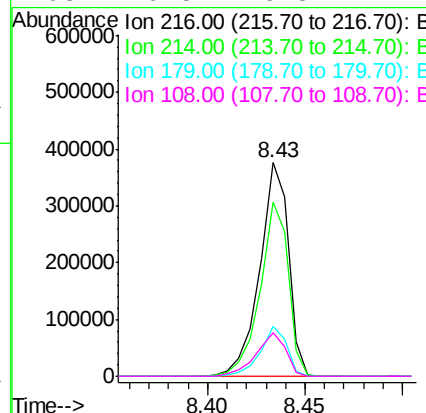
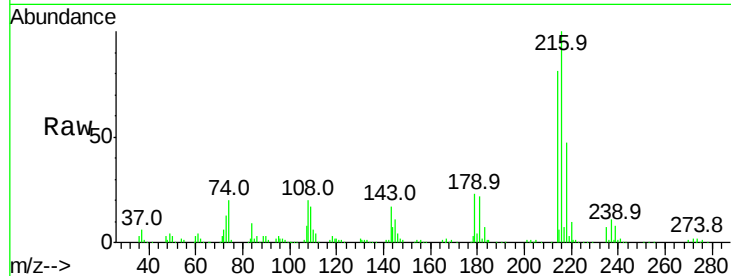
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.87 ng
 RT: 8.43 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	384507		
214	79.8	63.4	95.2	
179	22.0	17.9	26.9	
108	20.8	16.5	24.7	

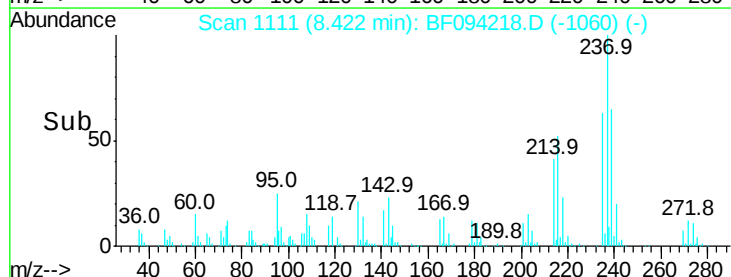
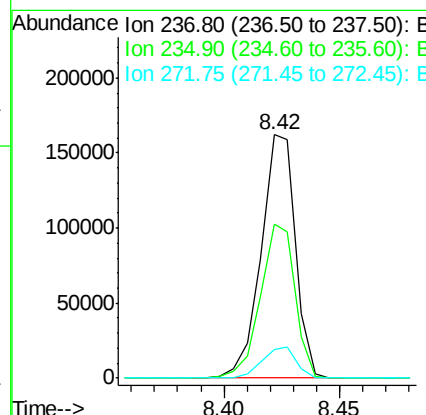
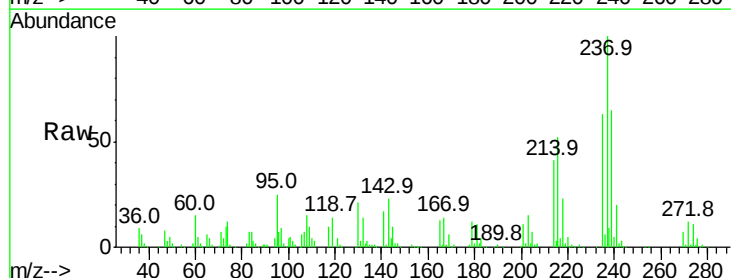
Manual Integrations
 APPROVED

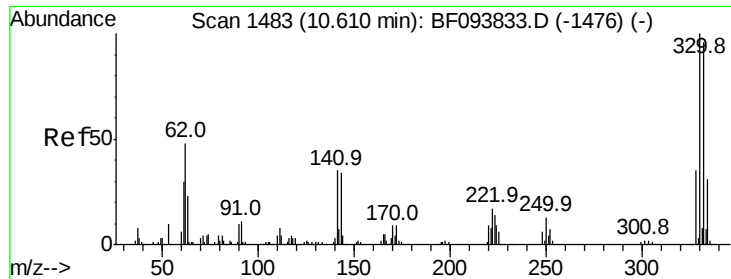
mohammad
 4/7/2017 5:20:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 39.16 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168285		
235	63.1	42.6	82.6	
272	11.7	0.0	31.9	





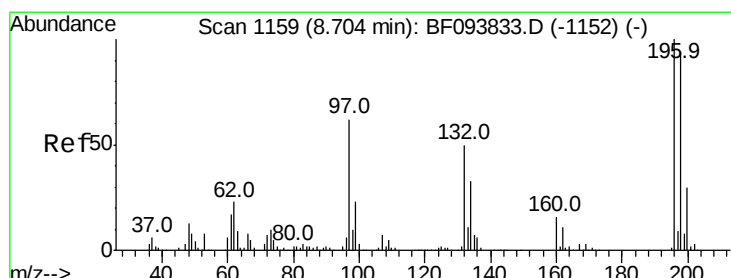
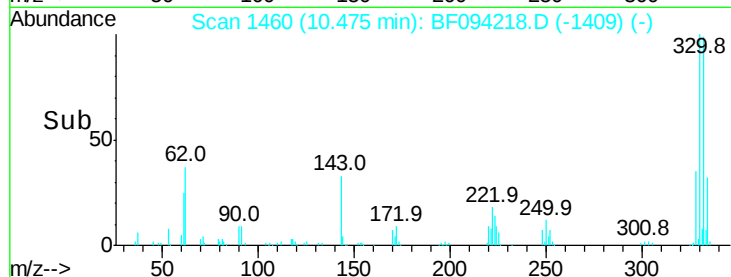
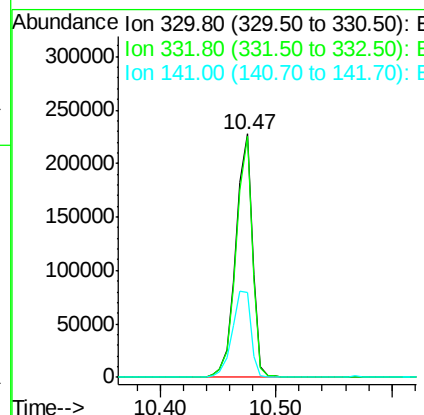
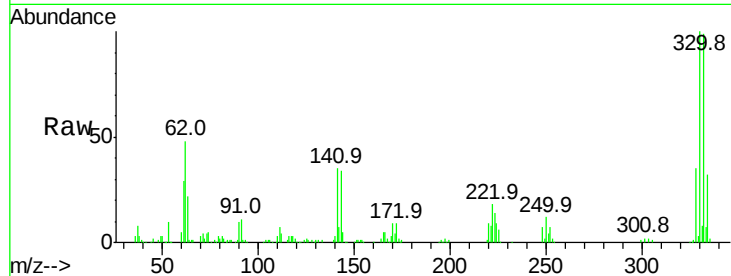
#41
 2,4,6-Tribromophenol
 Concen: 86.28 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	228880		
332	96.8	76.6	115.0	
141	39.6	31.4	47.2	

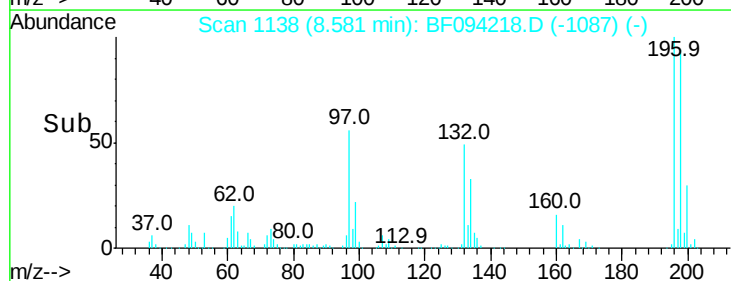
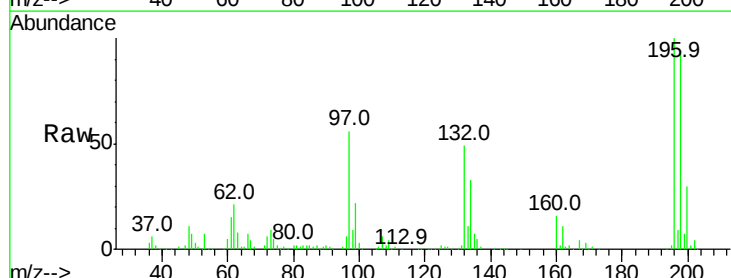
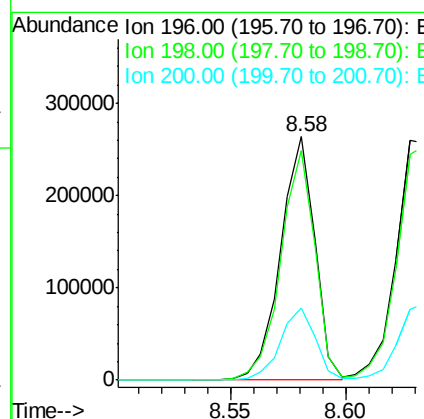
Manual Integrations
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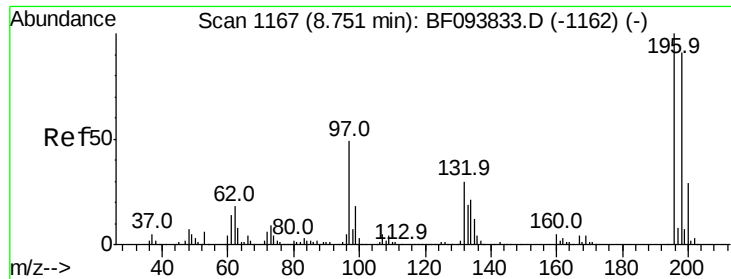
mohammad
 4/7/2017 5:20:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.81 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271641		
198	94.5	74.2	111.4	
200	29.9	24.0	36.0	





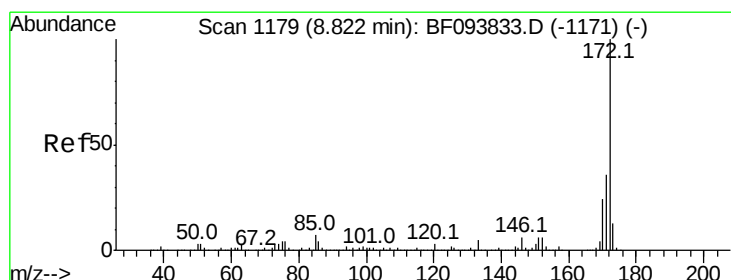
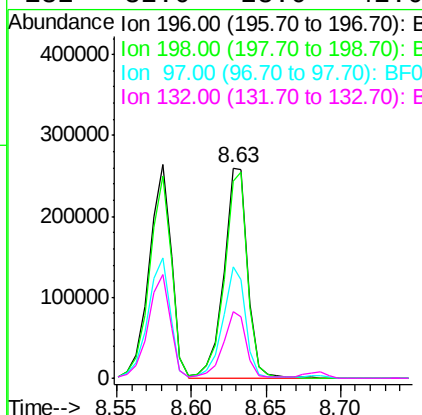
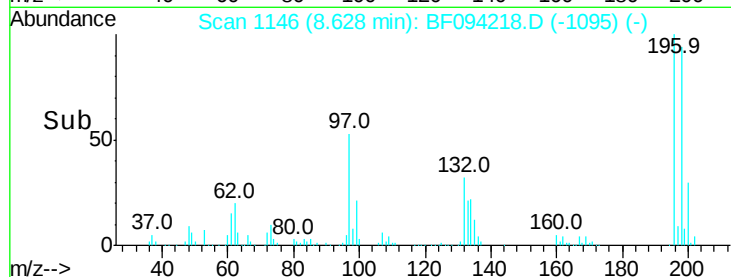
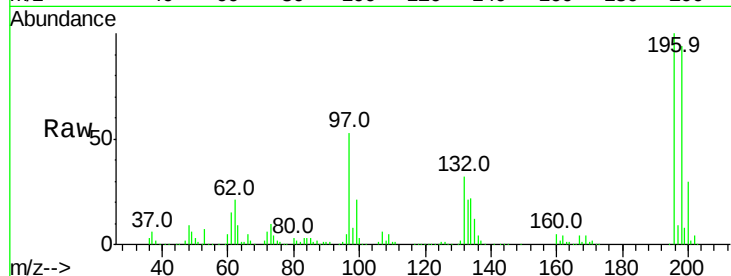
#43
 2,4,5-Trichlorophenol
 Concen: 41.69 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	293088
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
97	53.2	47.7	71.5
132	32.0	28.0	42.0

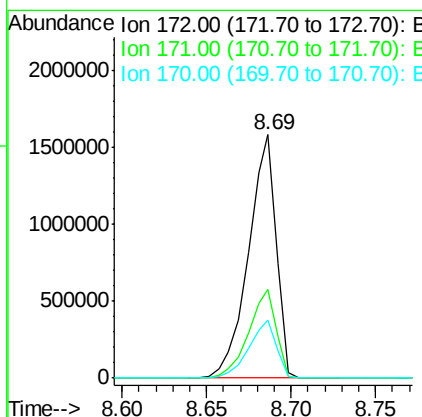
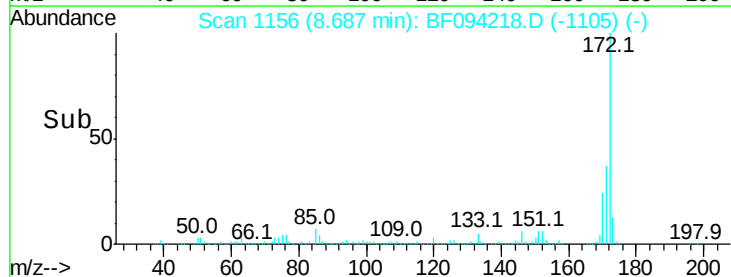
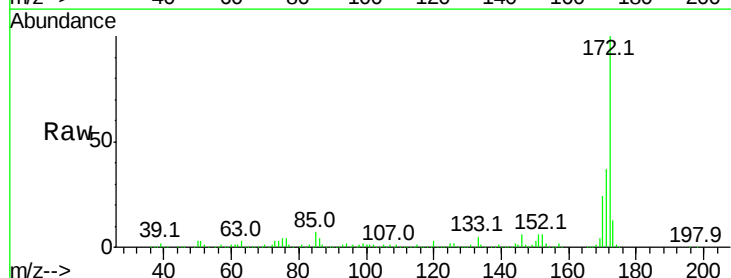
Manual Integrations
 APPROVED

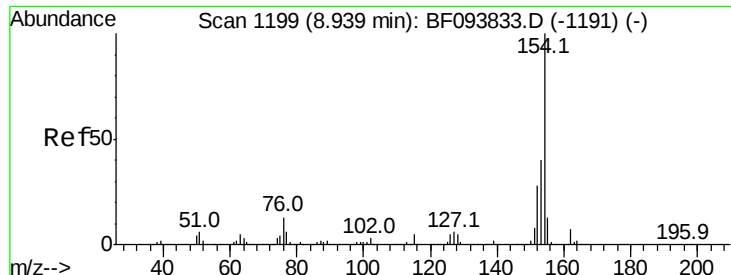
mohammad
 4/7/2017 5:20:30 PM



#44
 2-Fluorobiphenyl
 Concen: 82.43 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion:	172	Resp:	1814225
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	23.9	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.19 ng

RT: 8.80 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1088343

Ion Ratio Lower Upper

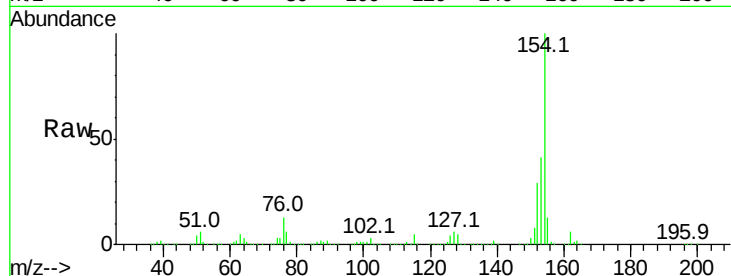
154 100

153 41.0 21.2 61.2

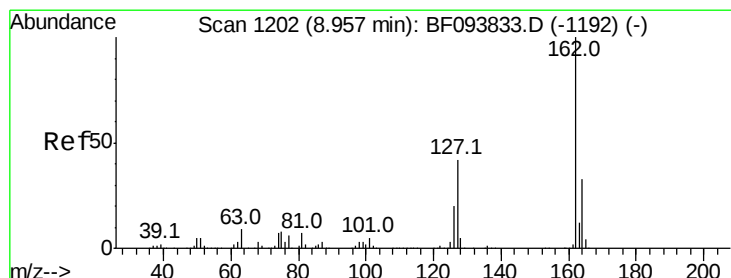
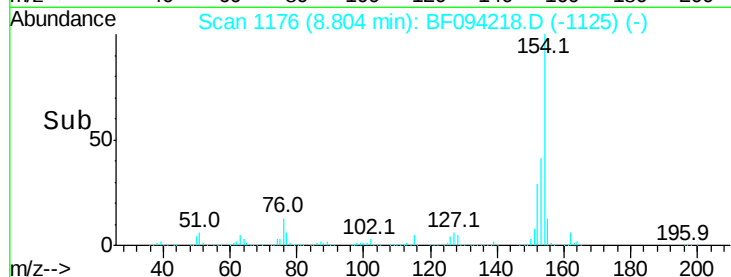
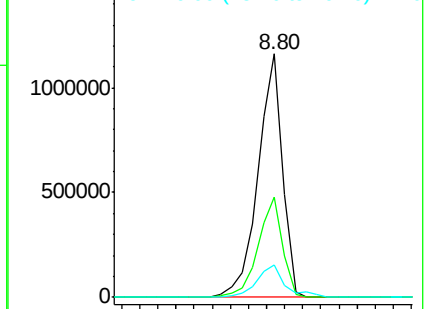
76 13.2 0.0 29.9

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



#46

2-Chloronaphthalene

Concen: 40.62 ng

RT: 8.82 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

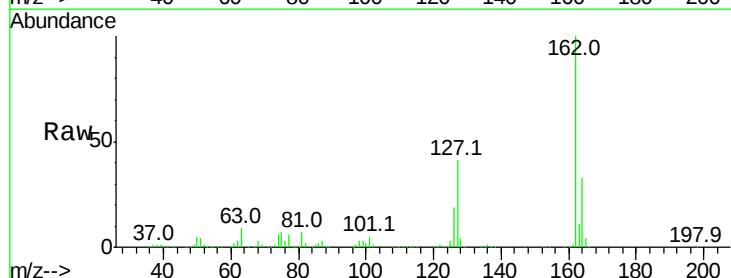
Tgt Ion:162 Resp: 861042

Ion Ratio Lower Upper

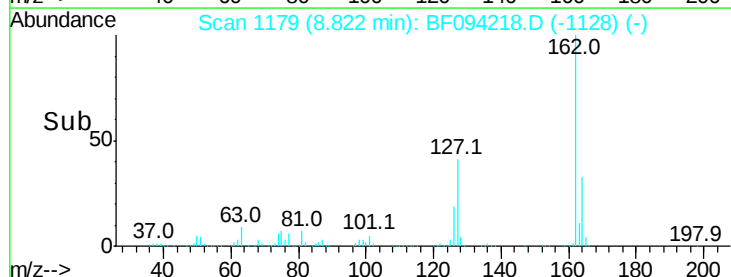
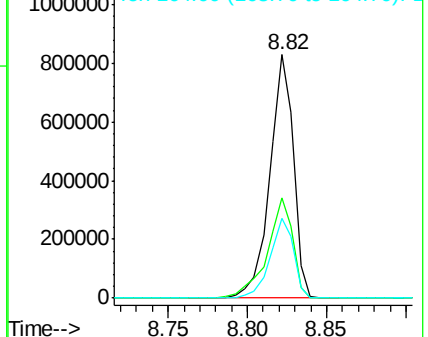
162 100

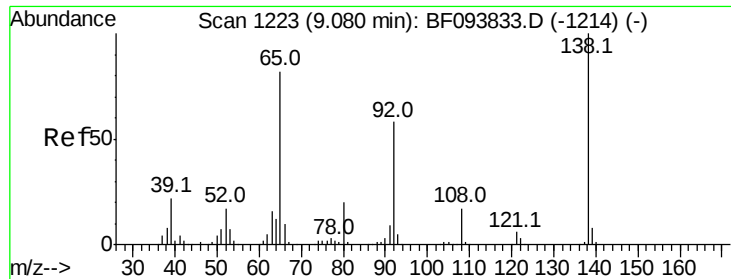
127 41.4 28.3 42.5

164 32.6 27.0 40.4



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





#47

2-Nitroaniline

Concen: 42.21 ng

RT: 8.95 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 265403

Ion Ratio Lower Upper

65 100

92 71.9 53.9 80.9

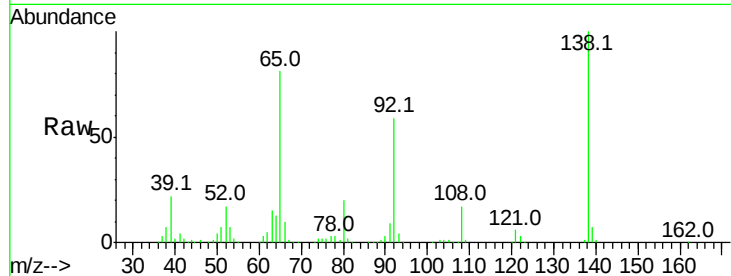
138 122.8 78.8 118.2#

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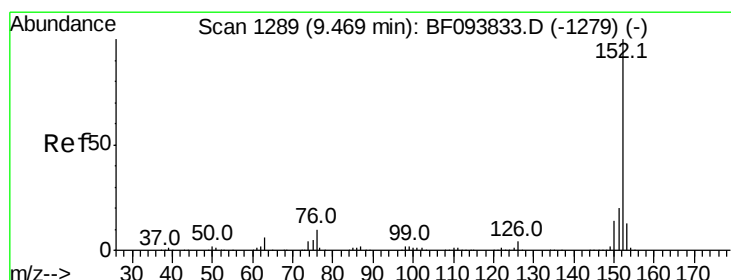
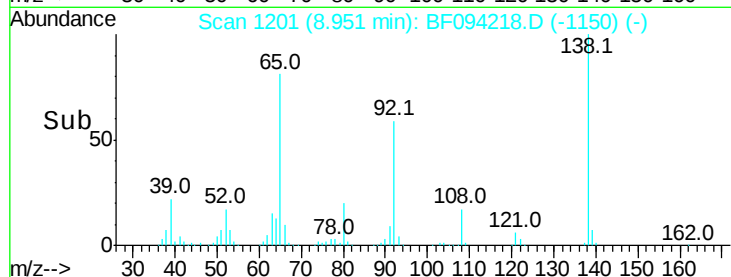
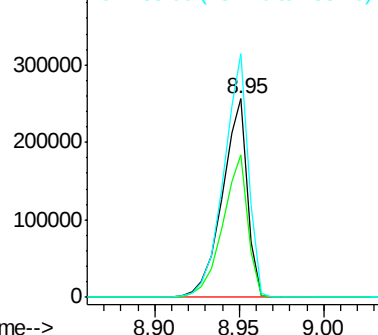
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.24 ng

RT: 9.33 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

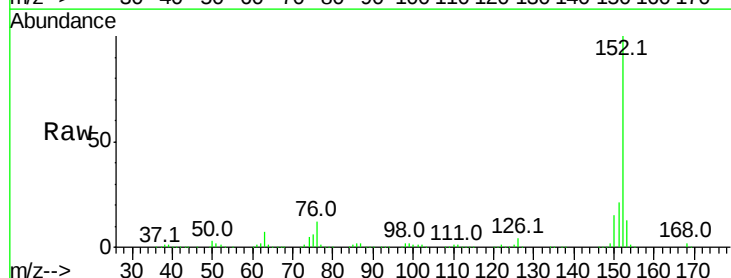
Tgt Ion:152 Resp: 1417722

Ion Ratio Lower Upper

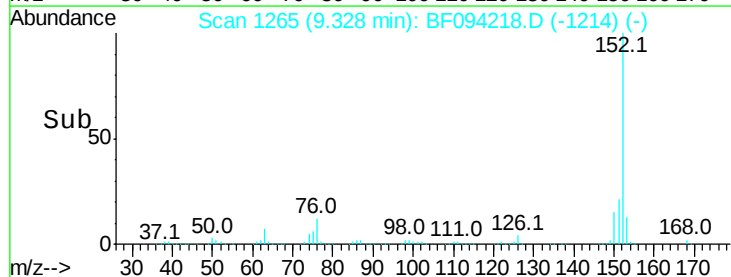
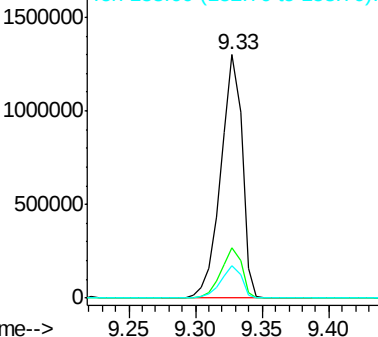
152 100

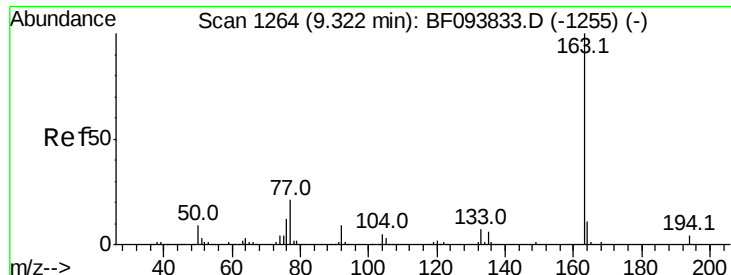
151 20.9 16.8 25.2

153 13.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





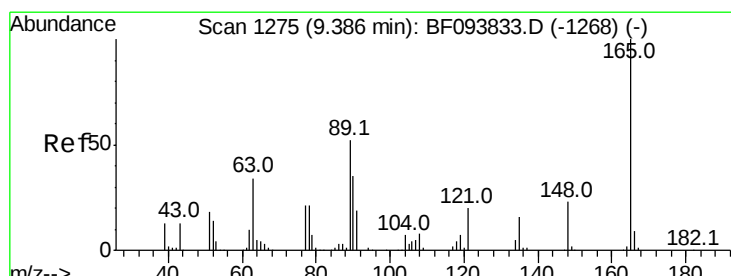
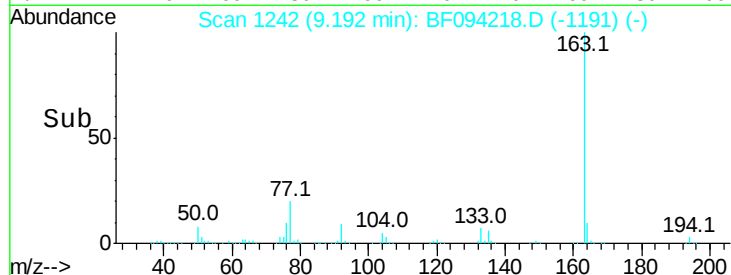
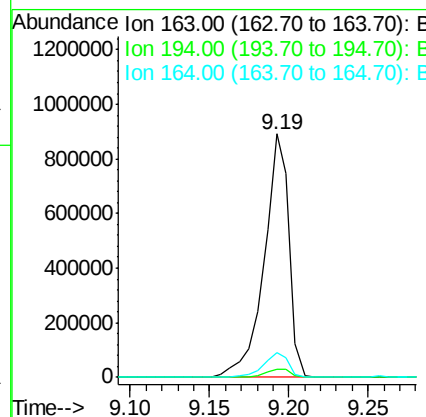
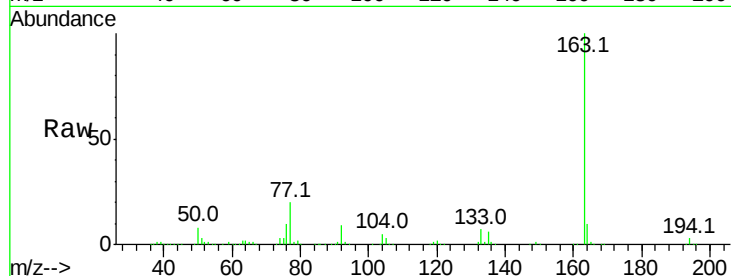
#49
Dimethylphthalate
Concen: 40.89 ng
RT: 9.19 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.4	8.4	12.6	

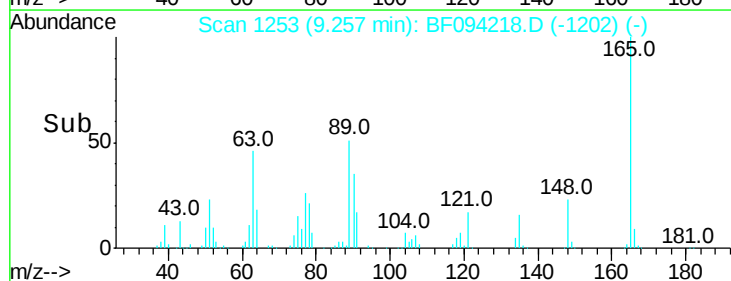
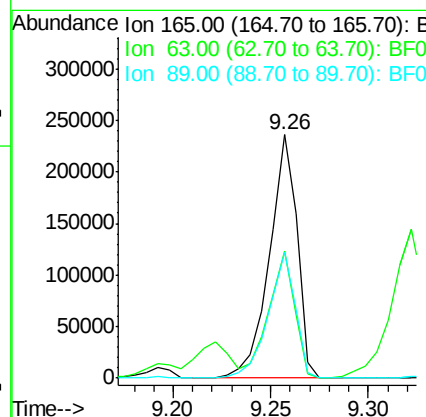
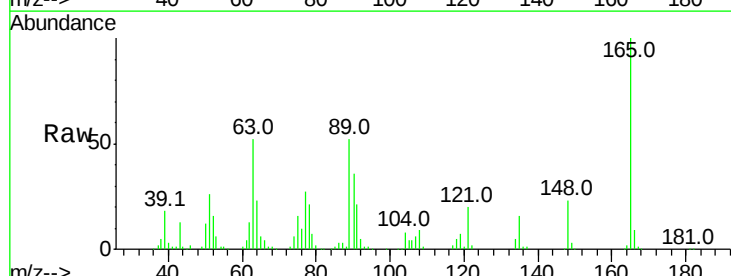
Manual Integrations
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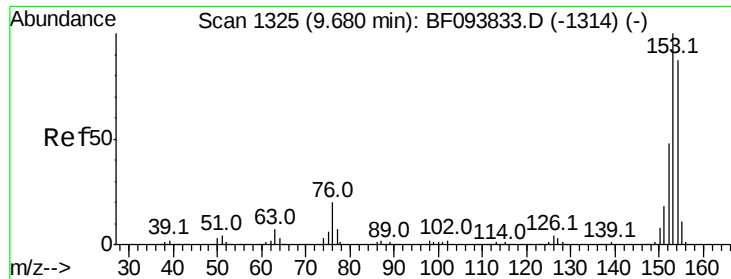
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.39 ng
RT: 9.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.3	34.3	51.5#	
89	51.8	37.1	55.7	





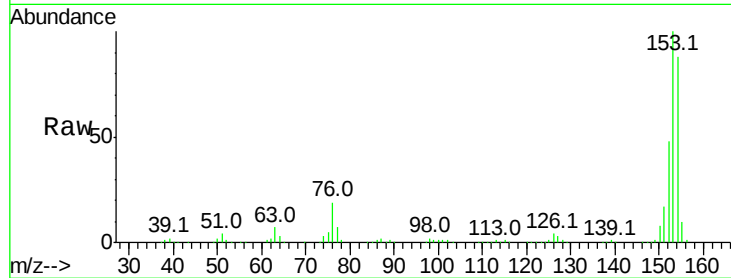
#51
Acenaphthene
Concen: 39.76 ng
RT: 9.55 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

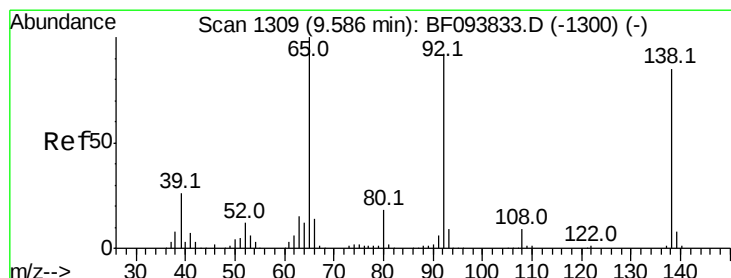
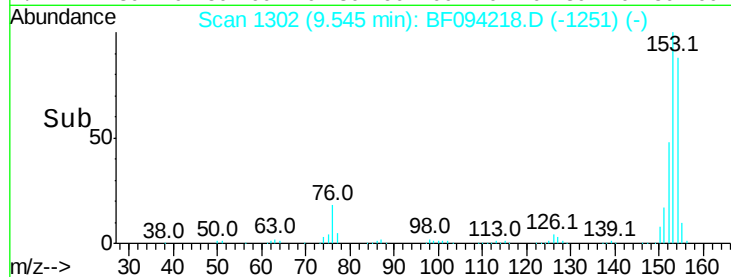
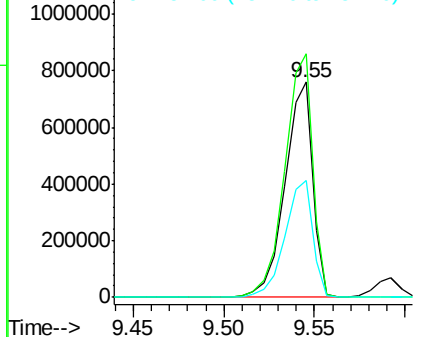
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	54.2	43.6	65.4

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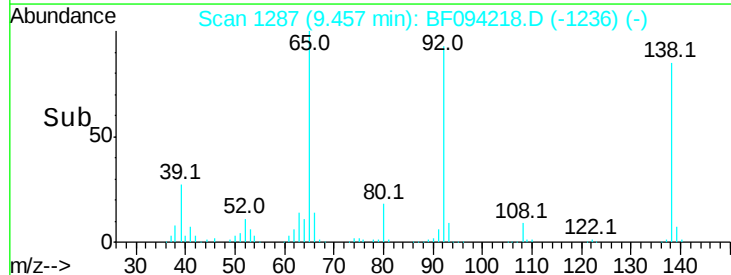
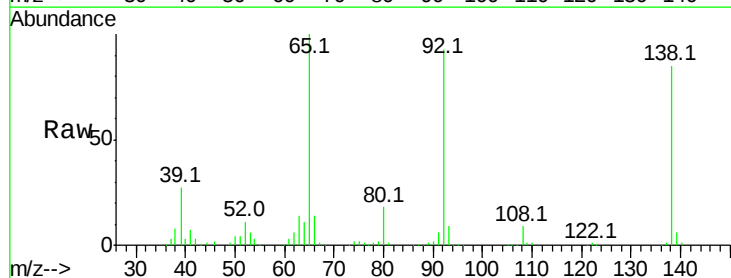
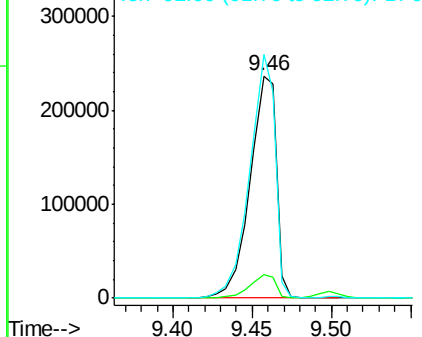
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

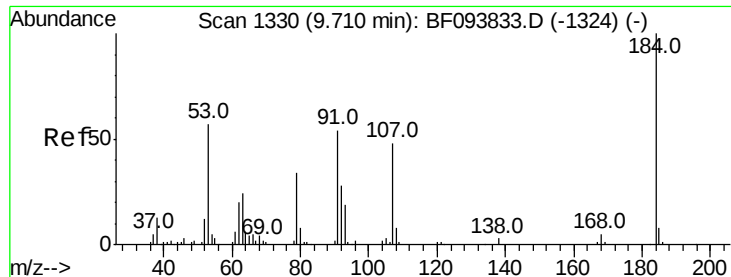


#52
3-Nitroaniline
Concen: 42.60 ng
RT: 9.46 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	109.6	93.8	140.6

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





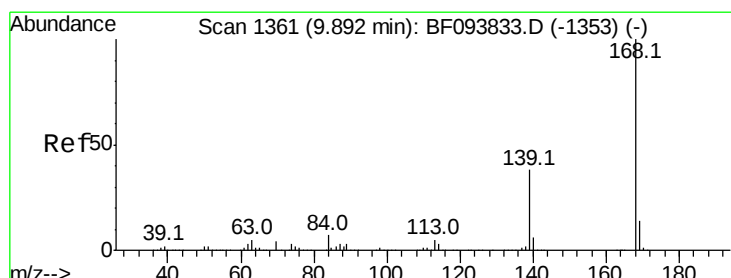
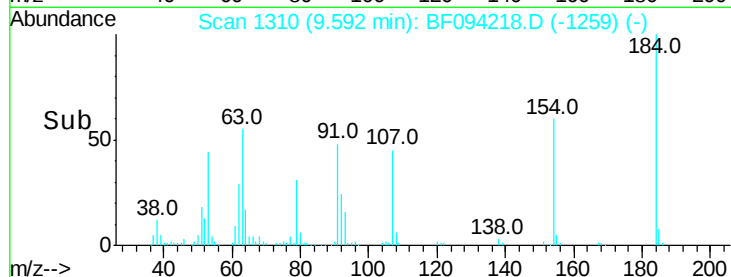
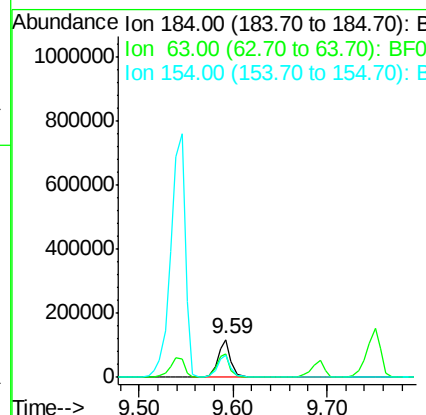
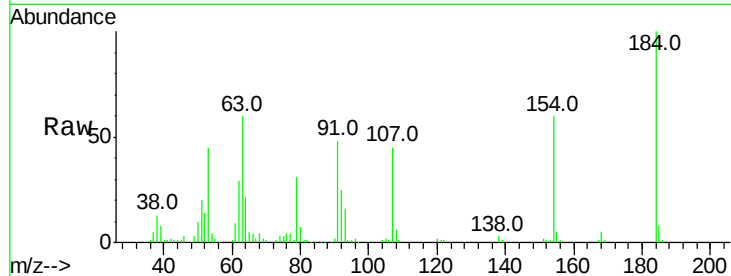
#53
 2,4-Dinitrophenol
 Concen: 42.83 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.4	62.7	94.1#
154	59.6	81.1	121.7#

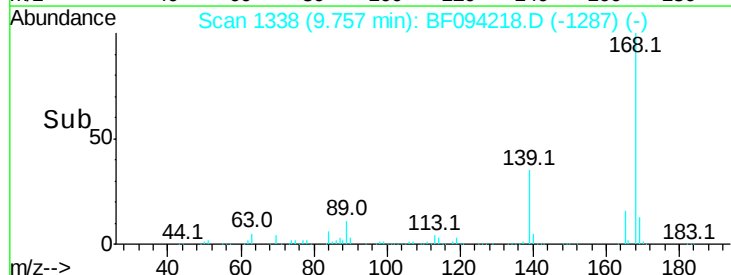
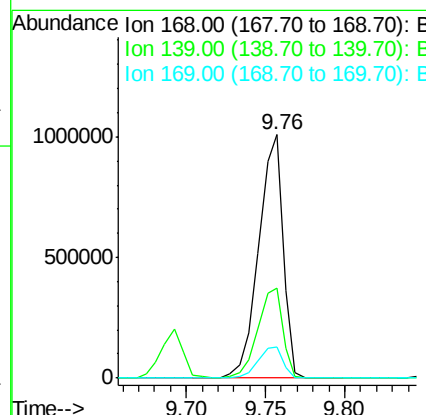
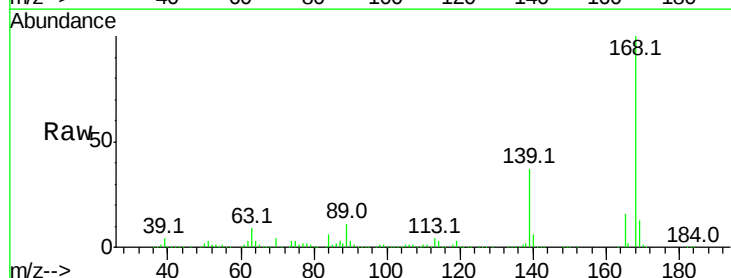
Manual Integrations
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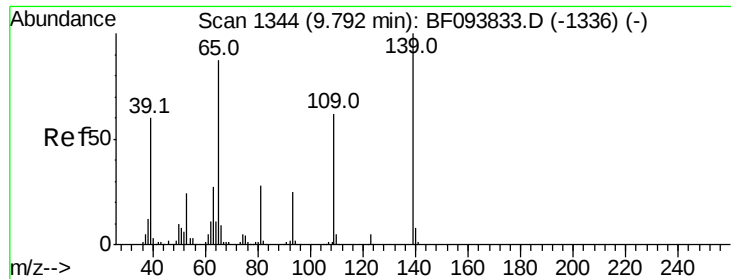
mohammad
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#54
 Dibenzofuran
 Concen: 38.88 ng
 RT: 9.76 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.6	45.8
169	12.7	10.8	16.2





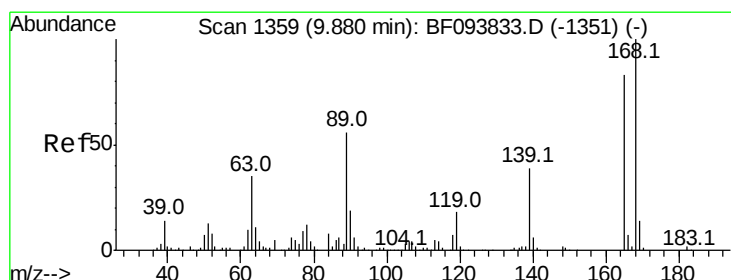
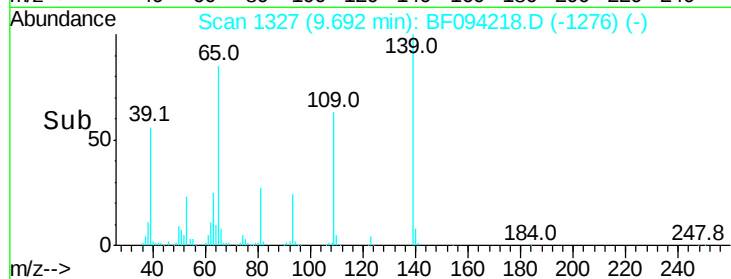
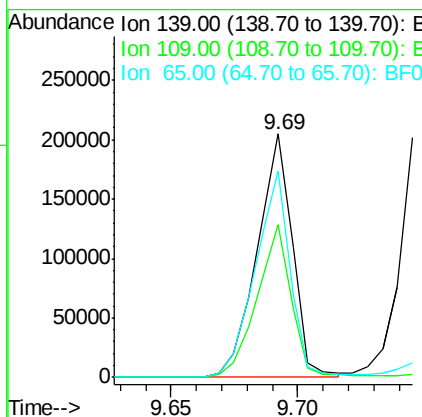
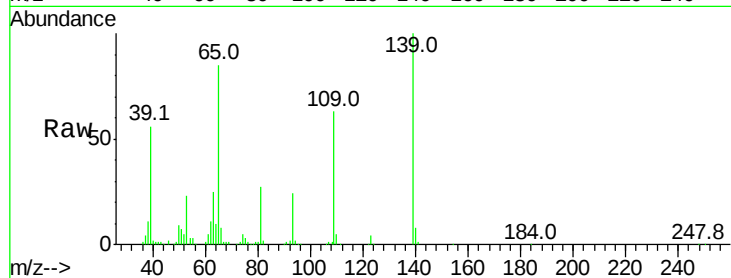
#55
4-Nitrophenol
Concen: 39.44 ng
RT: 9.69 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.6	34.1	74.1	
65	85.0	31.4	71.4	

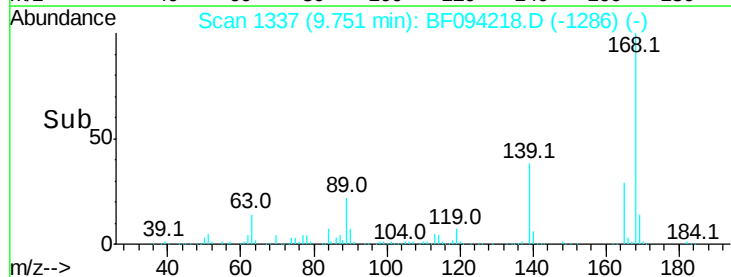
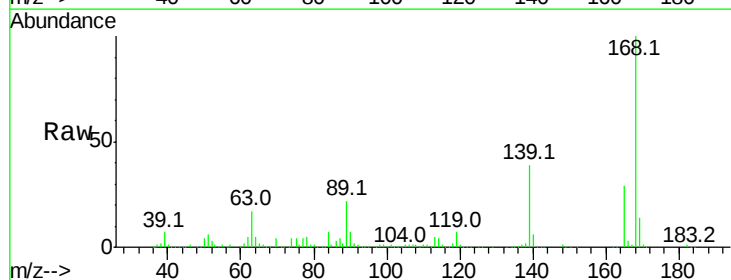
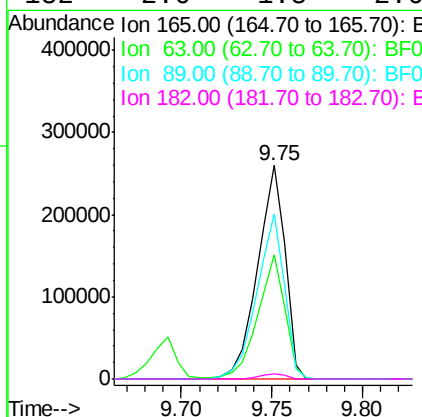
Manual Integrations
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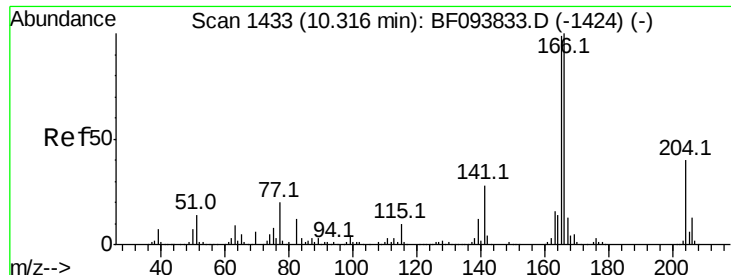
mohammad
4/7/2017 5:20:30 PM



#56
2,4-Dinitrotoluene
Concen: 39.98 ng
RT: 9.75 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.2	25.4	38.0	
89	77.2	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 39.27 ng

RT: 10.17 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:166 Resp: 911173

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

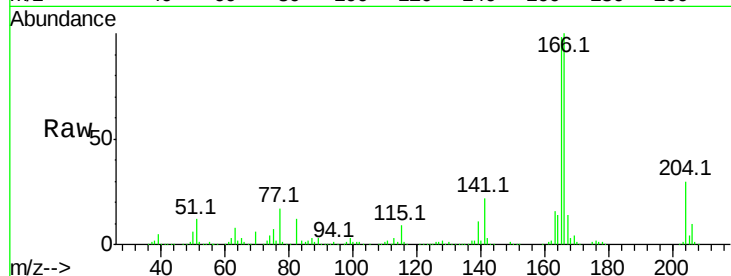
167 13.5 10.6 16.0

Manual Integrations

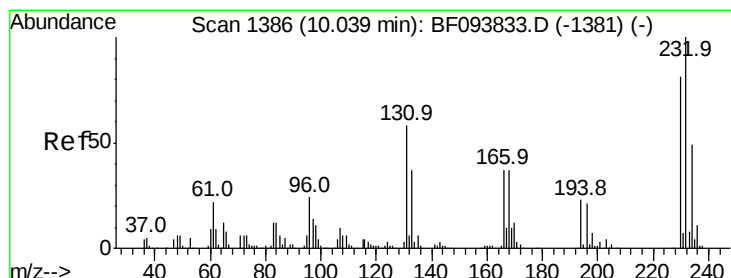
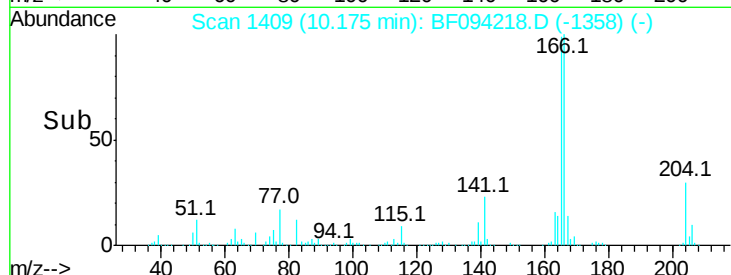
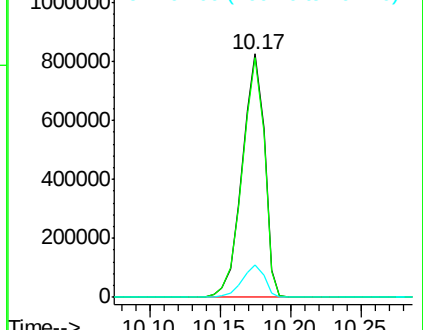
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.15 ng

RT: 9.91 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Tgt Ion:232 Resp: 198536

Ion Ratio Lower Upper

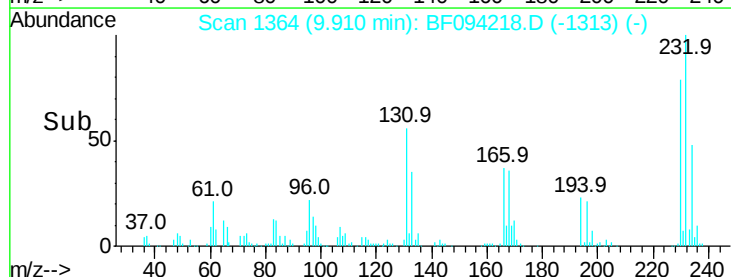
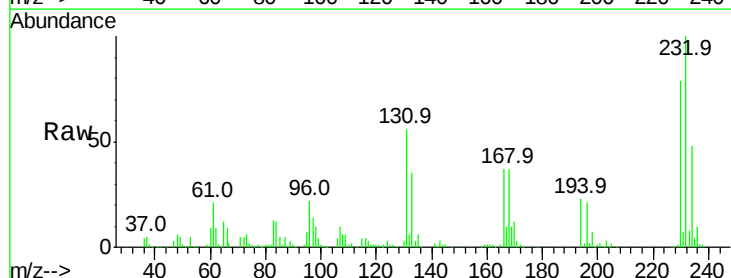
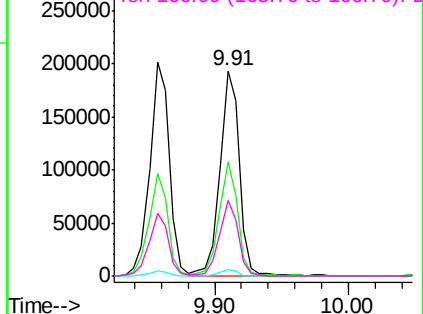
232 100

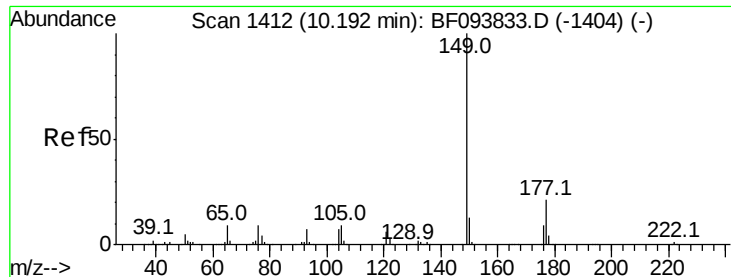
131 53.5 44.8 67.2

130 2.7 2.3 3.5

166 36.1 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





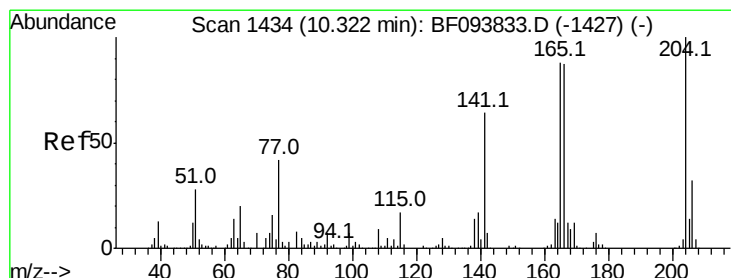
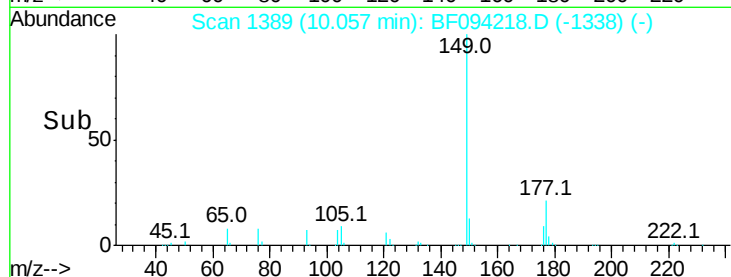
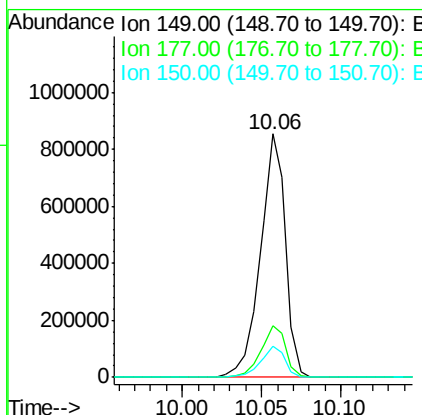
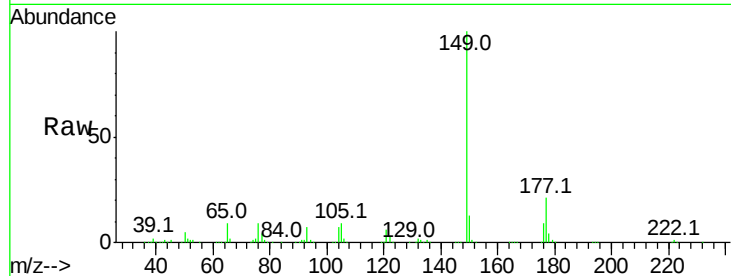
#59
Diethylphthalate
Concen: 39.83 ng
RT: 10.06 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.8	10.2	15.2

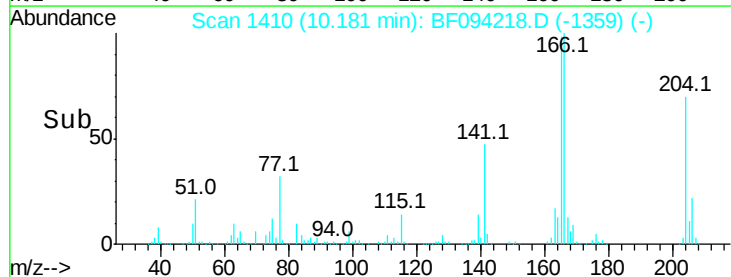
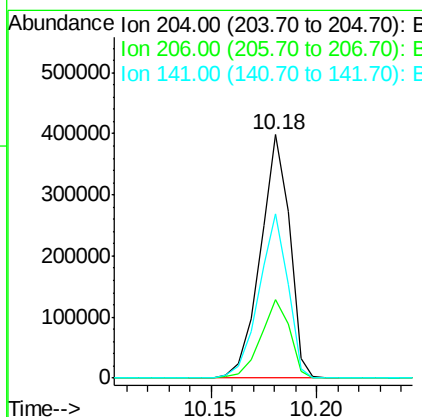
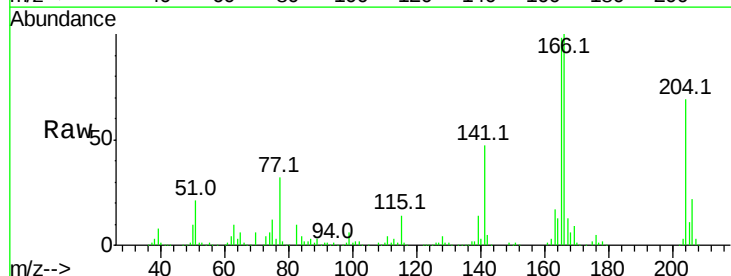
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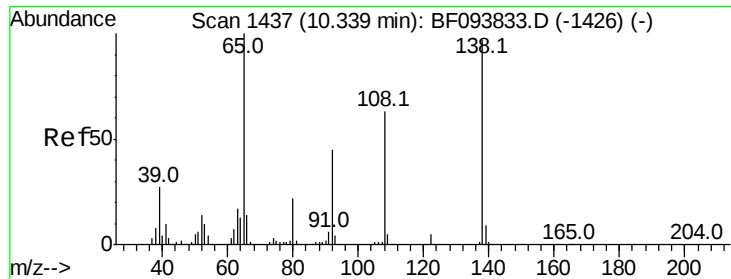
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.69 ng
RT: 10.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	67.3	60.8	91.2





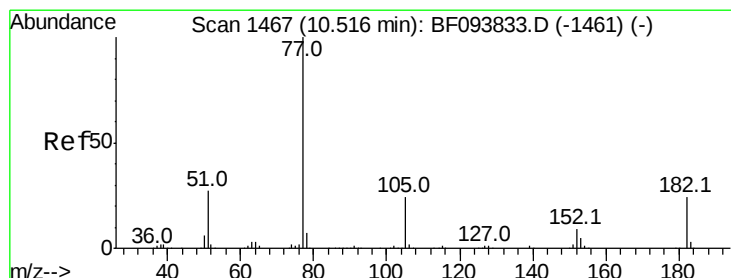
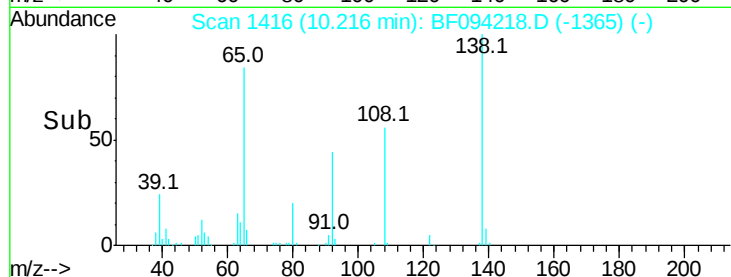
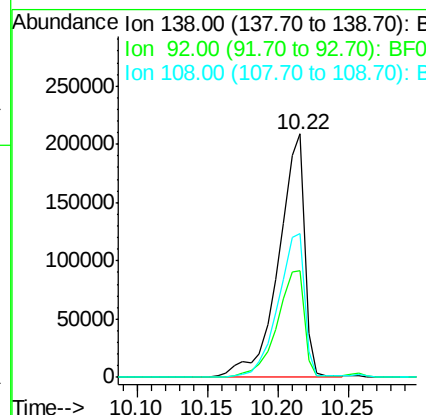
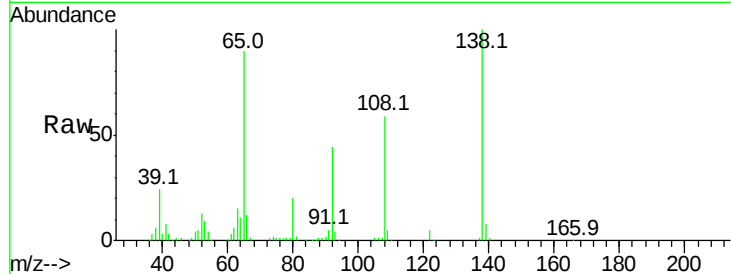
#61
4-Nitroaniline
Concen: 43.95 ng
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.7	21.8	61.8
108	59.2	42.3	82.3

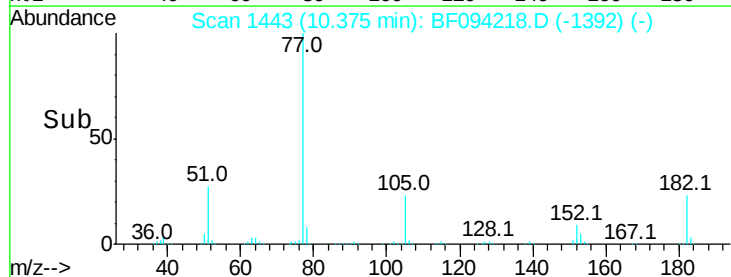
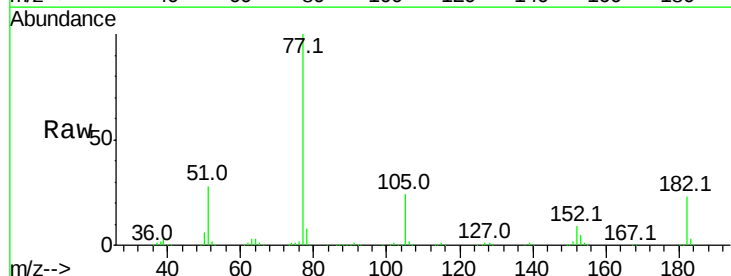
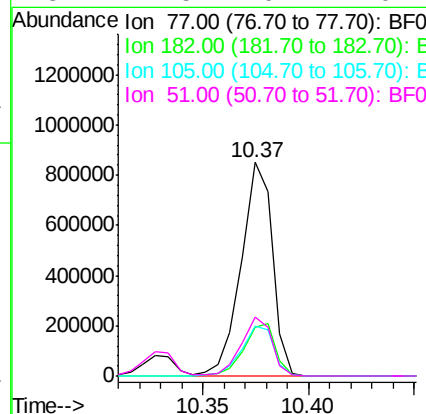
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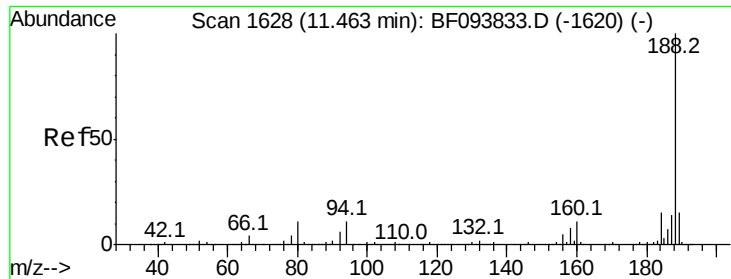
mohammad
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#62
Azobenzene
Concen: 39.10 ng
RT: 10.37 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	0.1	40.1
105	23.6	3.6	43.6
51	27.5	9.4	49.4





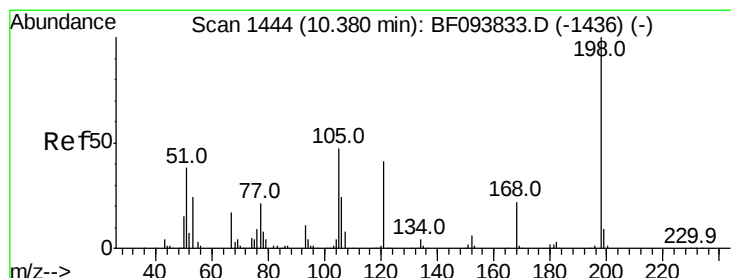
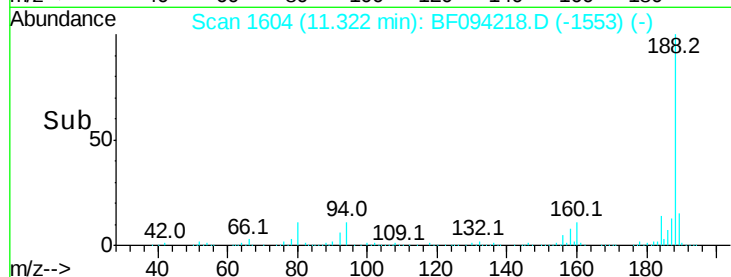
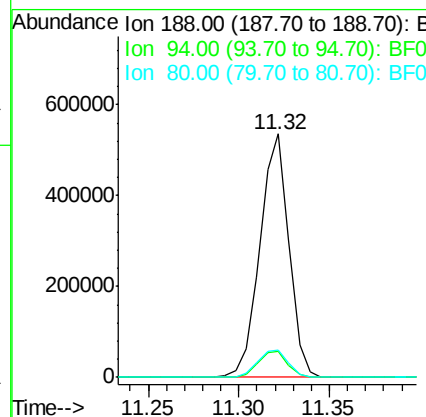
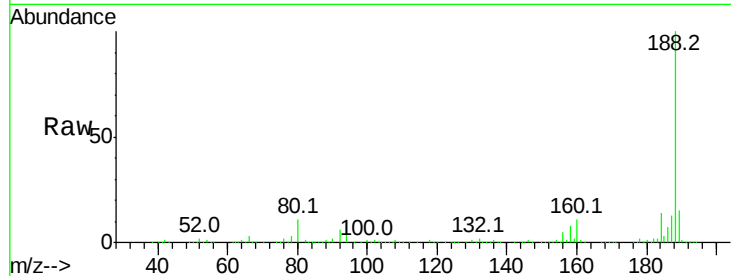
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	11.3	10.2	15.2	

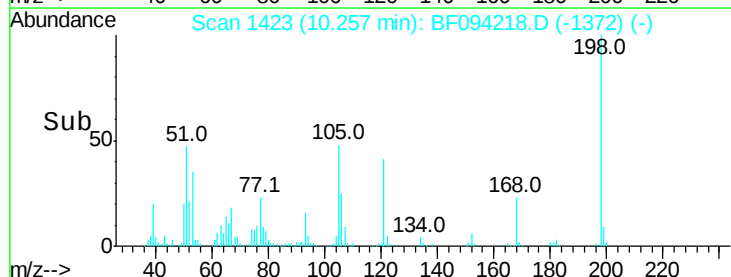
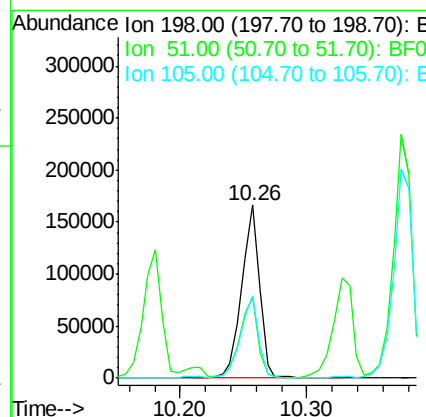
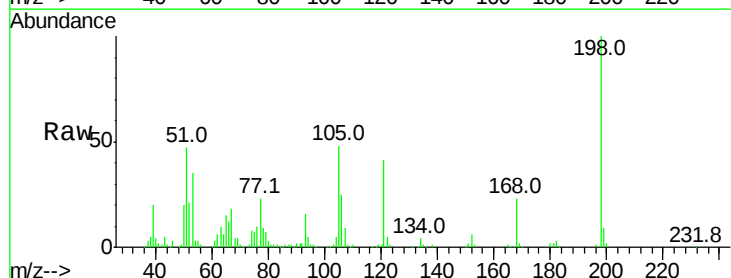
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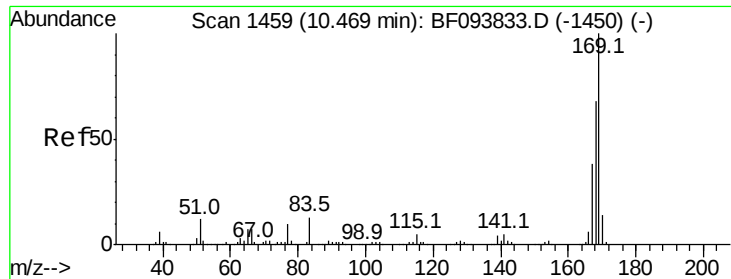
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.27 ng
RT: 10.26 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	46.8	53.2	93.2#	
105	47.7	45.8	85.8	





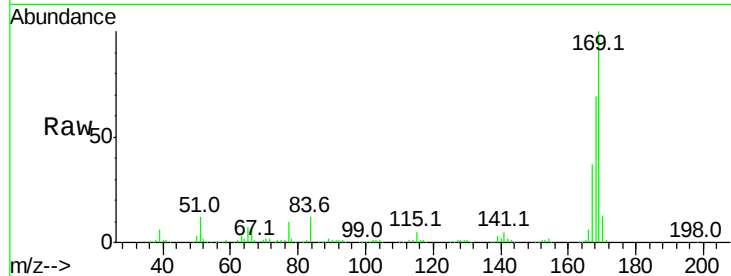
#65
 n-Nitrosodiphenylamine
 Concen: 40.05 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

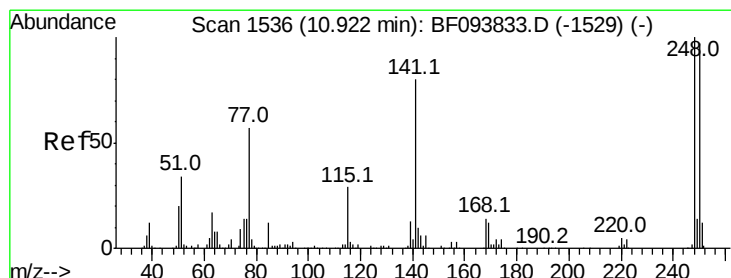
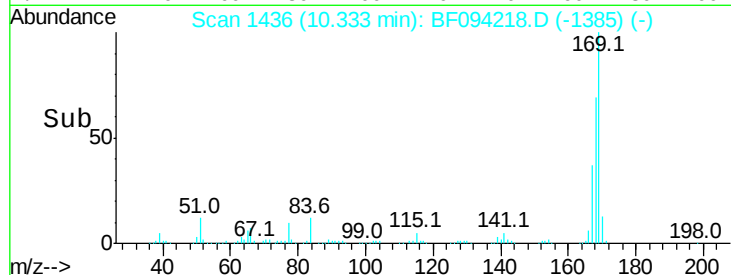
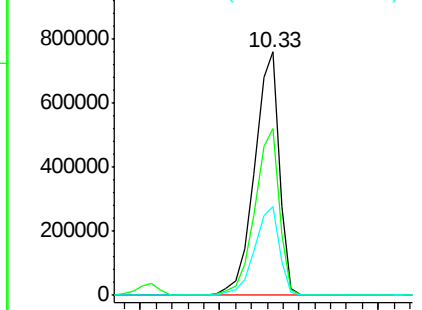
Tot Ion	Ratio	Resp	Lower	Upper
169	100	822789		
168	68.6	53.2	79.8	
167	36.7	29.5	44.3	

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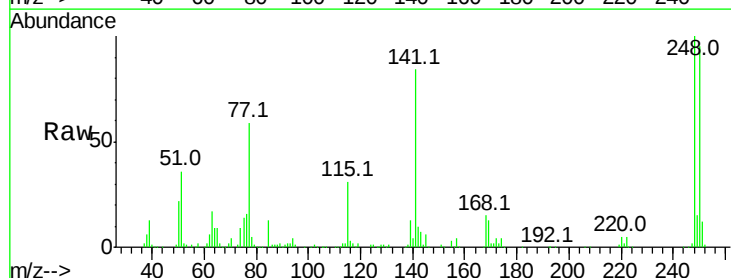


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

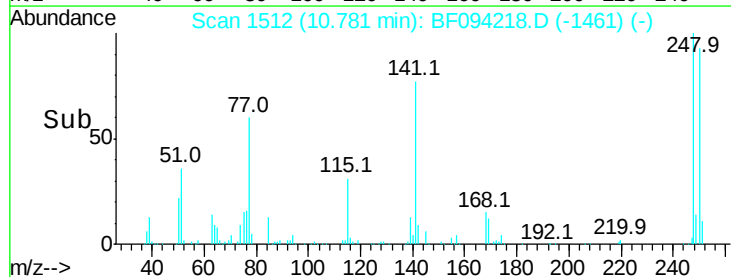
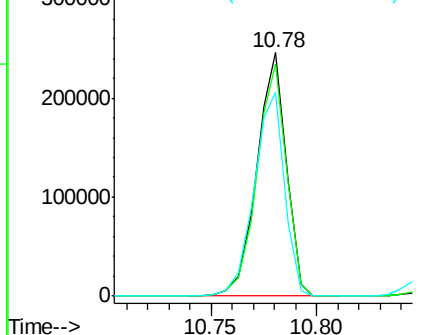


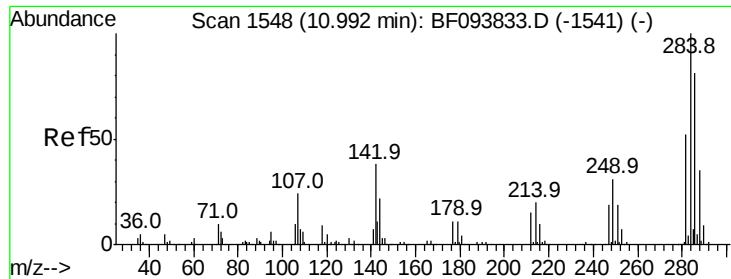
#66
 4-Bromophenyl-phenylether
 Concen: 40.67 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	237619		
250	95.3	76.8	115.2	
141	83.9	68.6	103.0	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.50 ng

RT: 10.85 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

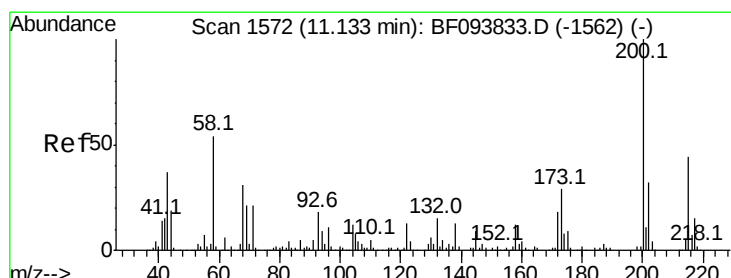
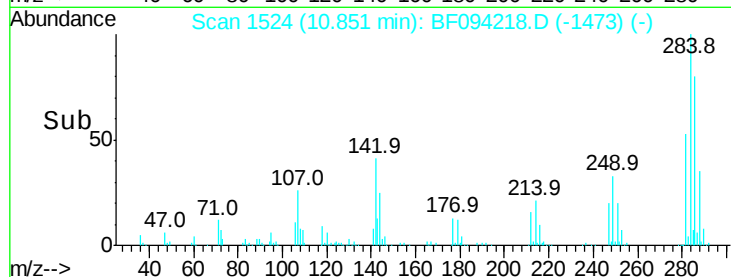
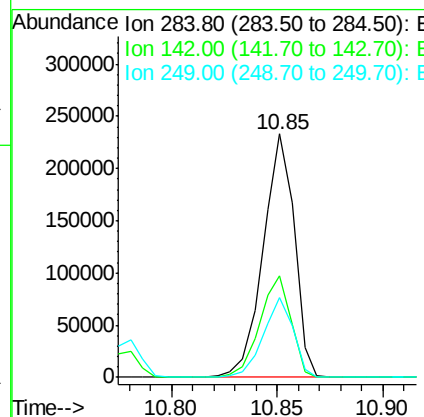
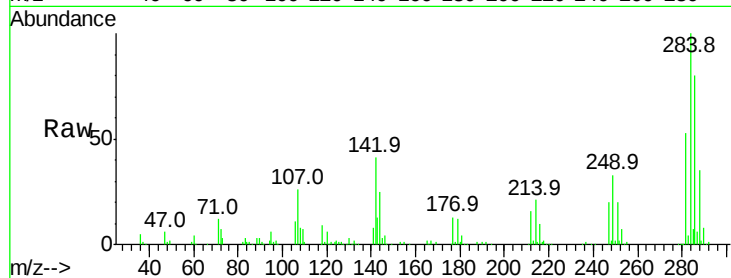
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	239519		
142	41.4	22.8	34.2#	
249	32.5	24.0	36.0	

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#68

Atrazine

Concen: 40.90 ng

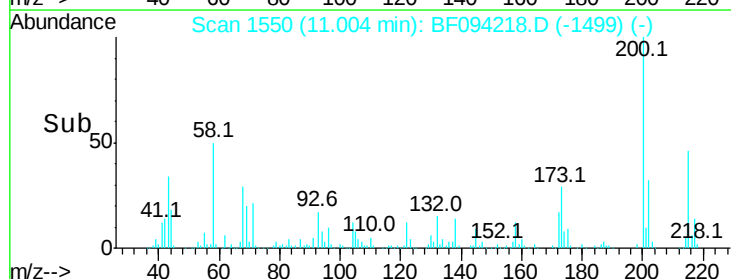
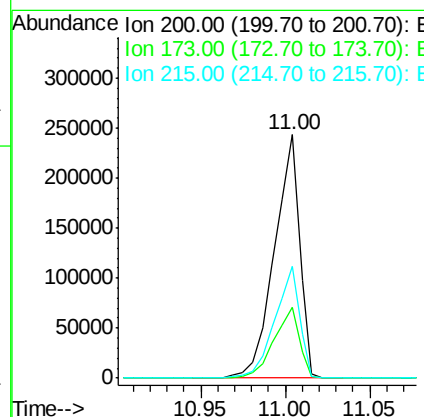
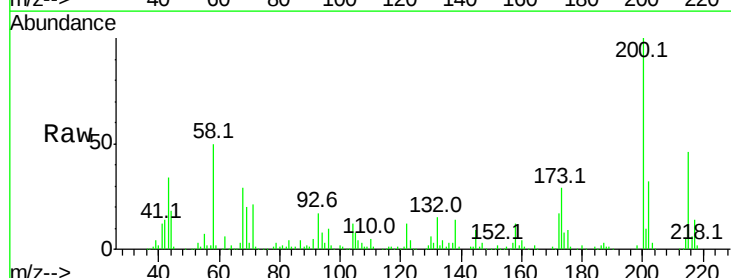
RT: 11.00 min Scan# 1550

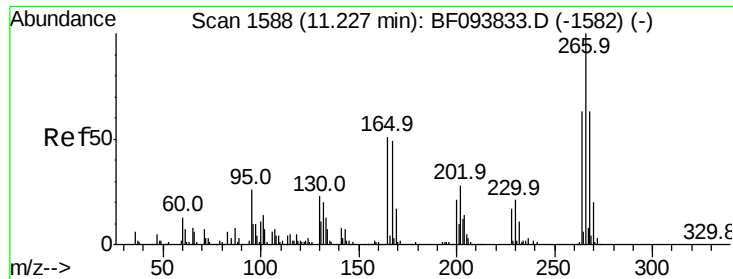
Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	251656		
173	29.2	6.3	46.3	
215	45.7	27.2	67.2	





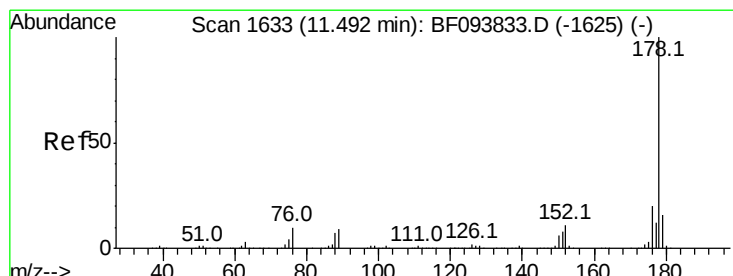
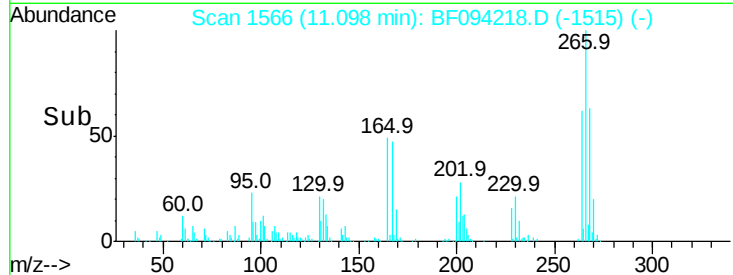
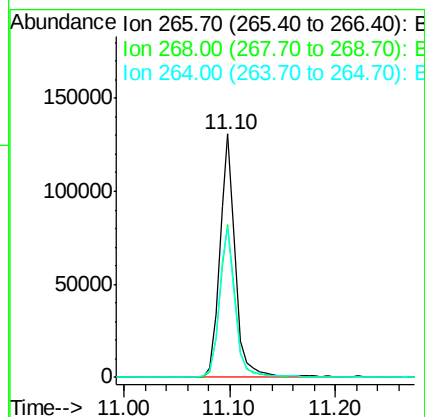
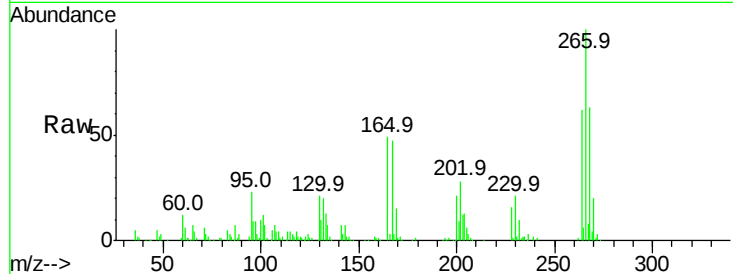
#69
 Pentachlorophenol
 Concen: 36.77 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	61.9	51.7	77.5

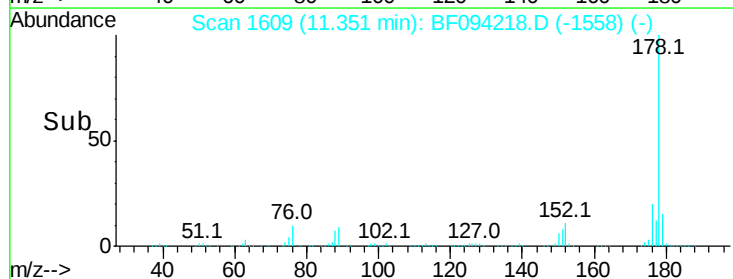
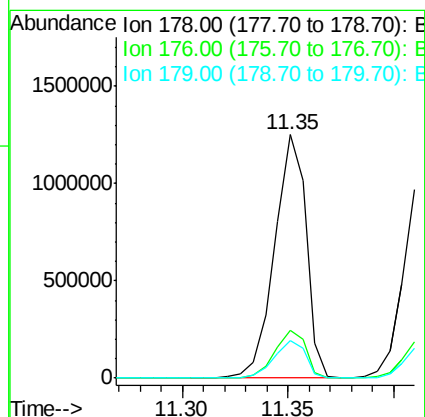
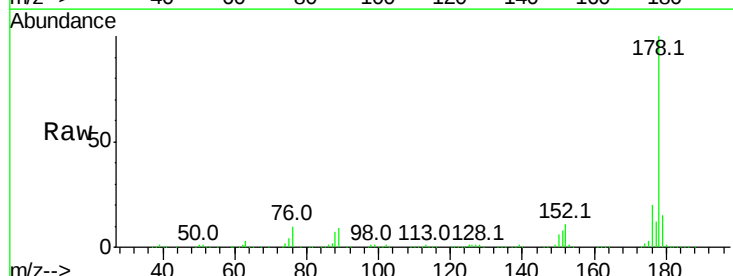
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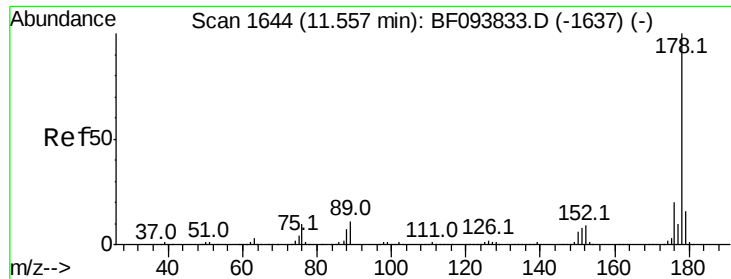
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#70
 Phenanthrene
 Concen: 39.59 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.2	12.6	19.0





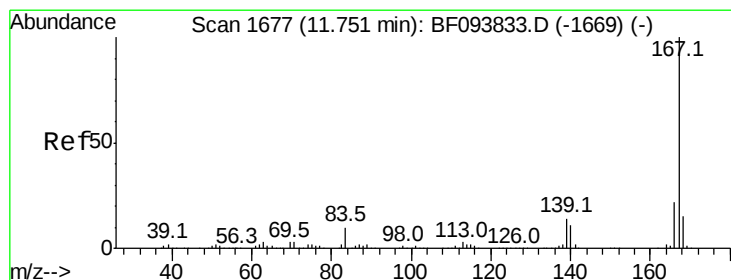
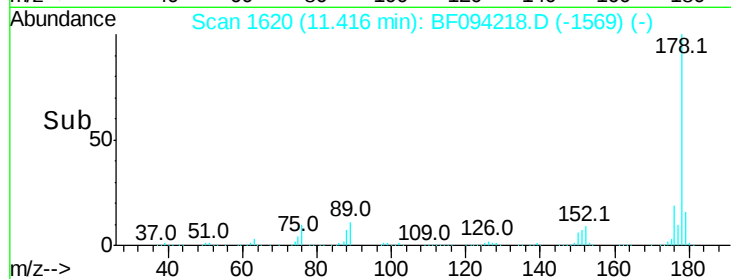
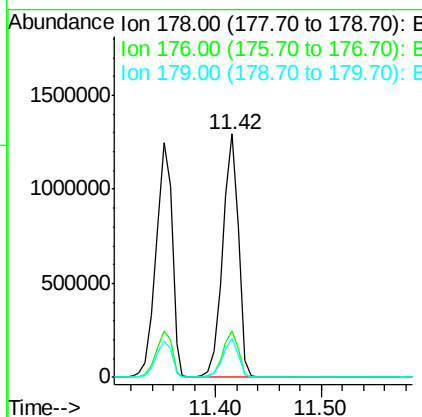
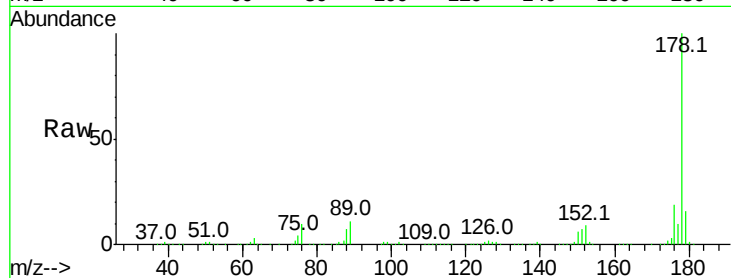
#71
 Anthracene
 Concen: 39.83 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1355213
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.8 12.7 19.1

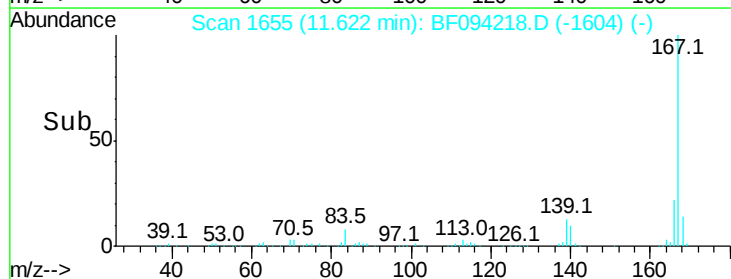
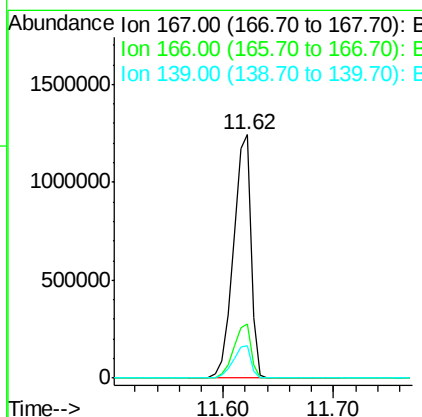
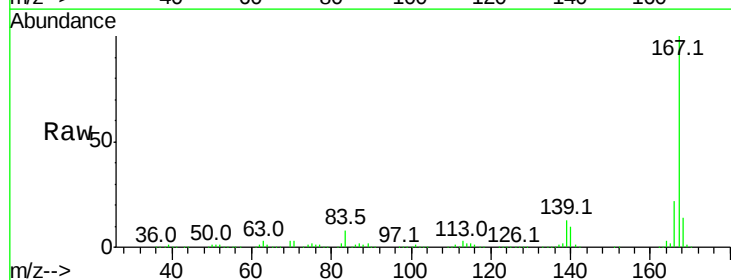
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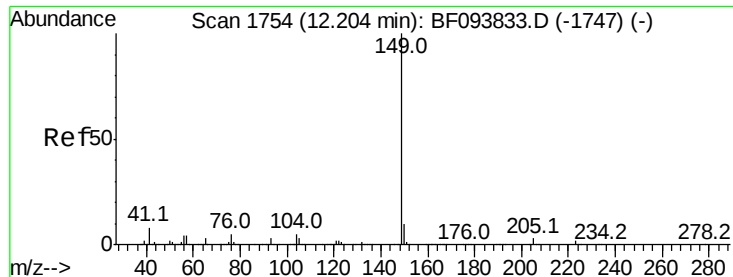
mohammad
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#72
 Carbazole
 Concen: 39.82 ng
 RT: 11.62 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion:167 Resp: 1389015
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.4 11.7 17.5





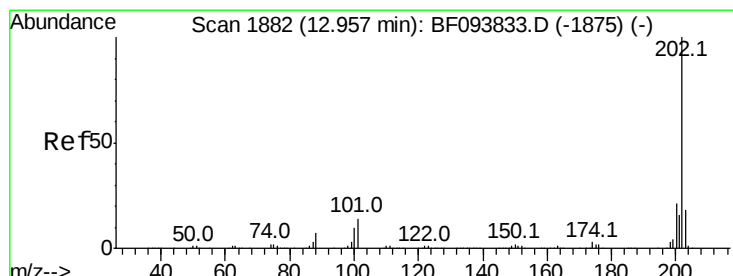
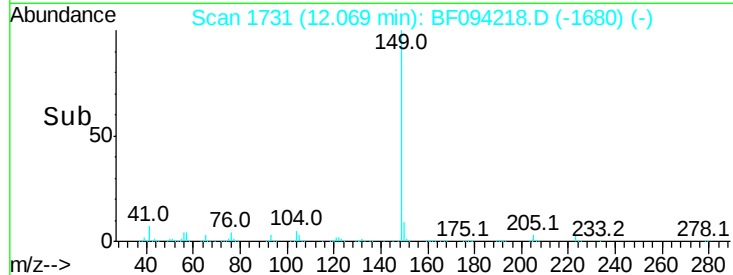
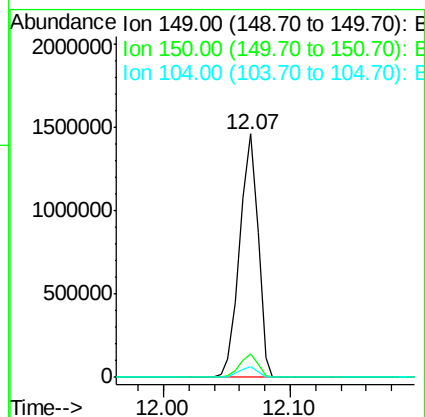
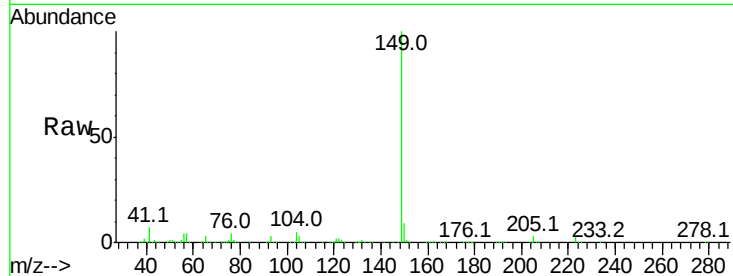
#73
Di-n-butylphthalate
Concen: 39.99 ng
RT: 12.07 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1450720
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.6 4.0 6.0

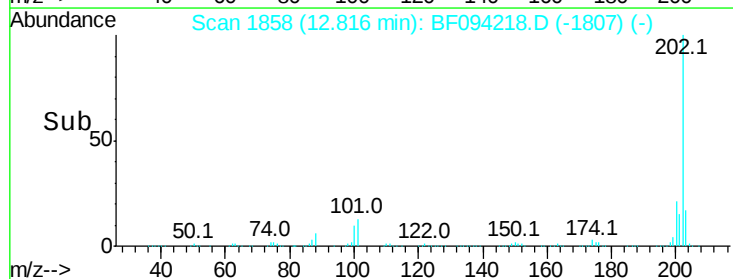
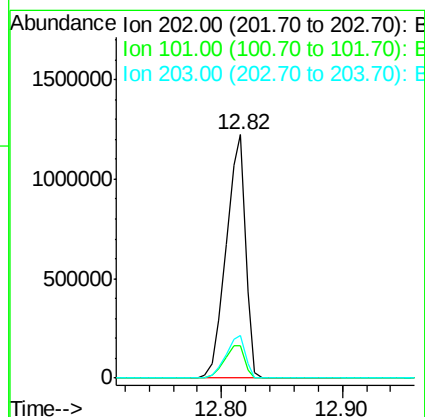
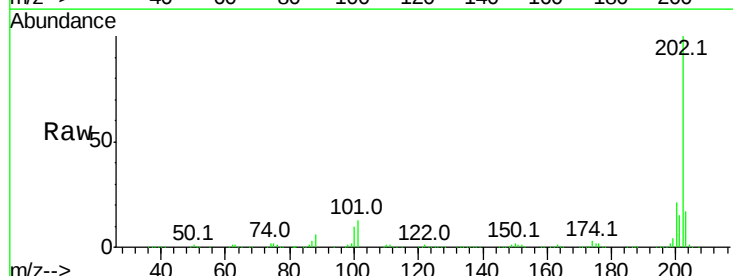
Manual Integrations
APPROVED

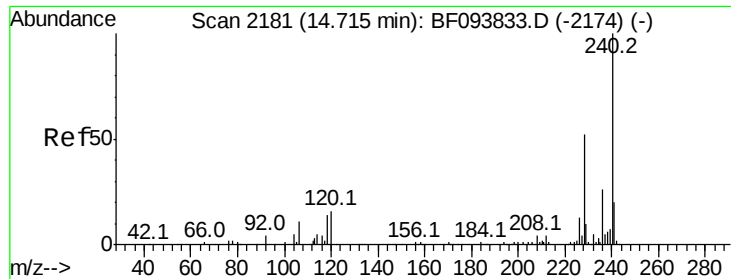
mohammad
4/7/2017 5:20:30 PM



#74
Fluoranthene
Concen: 39.89 ng
RT: 12.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion:202 Resp: 1349553
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 477823

Ion Ratio Lower Upper

240 100

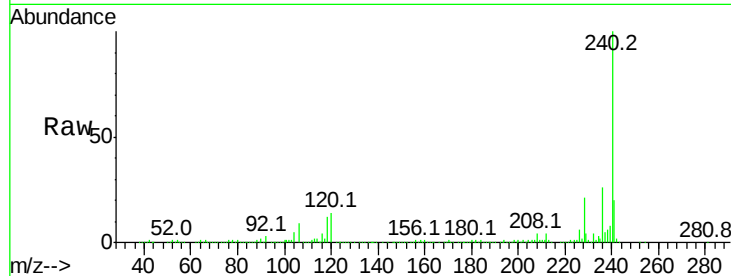
120 14.0 5.8 8.8#

236 25.5 20.5 30.7

Manual Integrations
APPROVED

mohammad

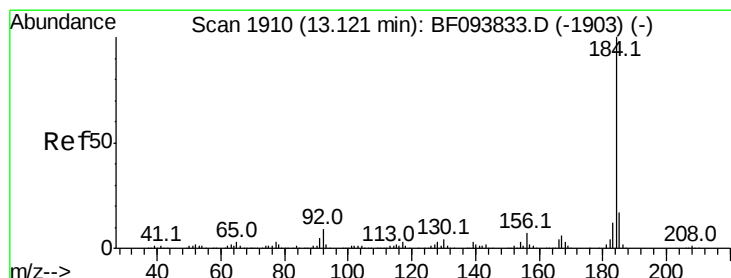
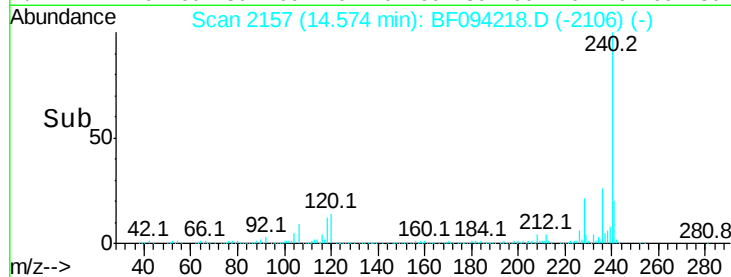
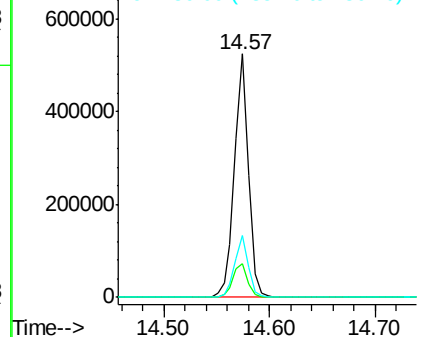
4/7/2017 5:20:30 PM



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: 38.20 ng

RT: 12.98 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

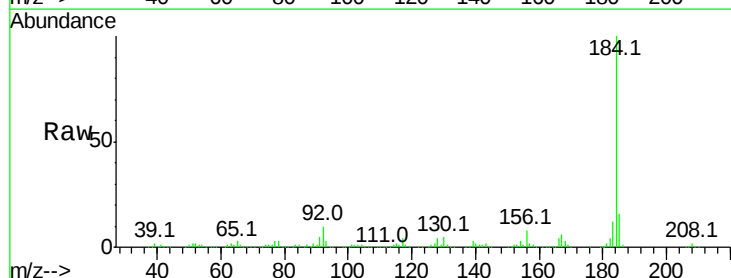
Tgt Ion:184 Resp: 722383

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

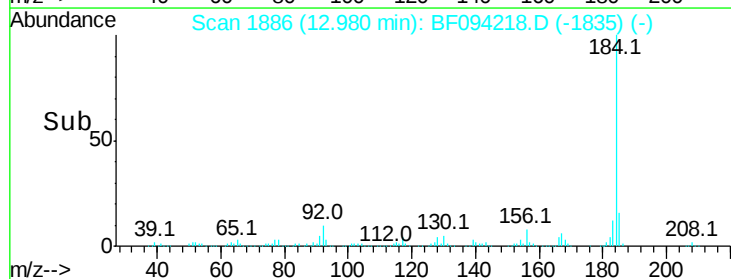
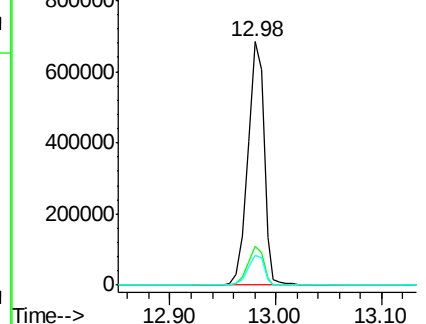
183 12.3 9.8 14.6

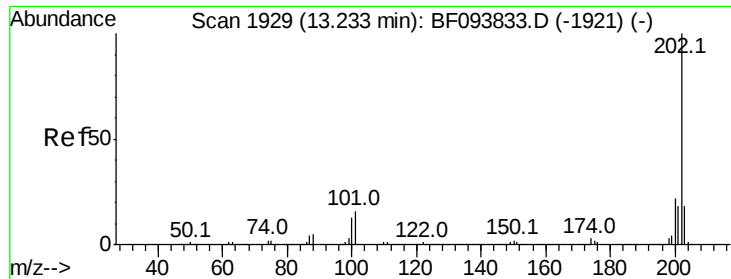


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





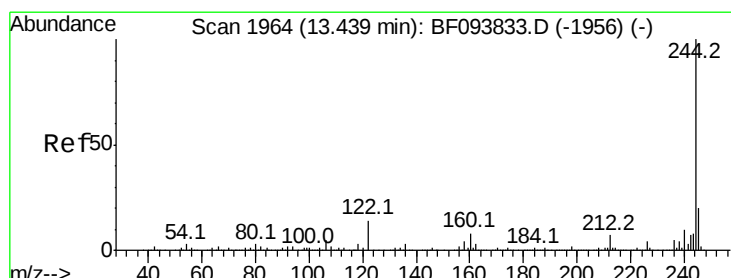
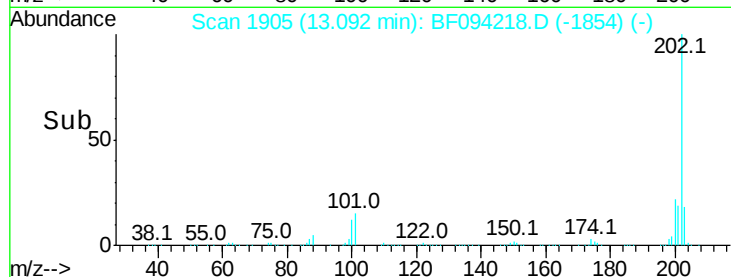
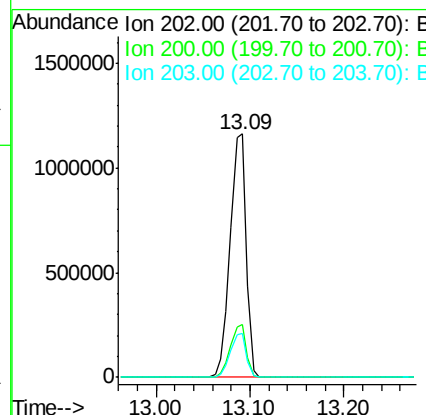
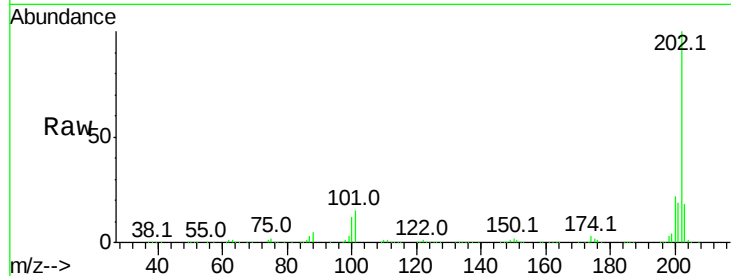
#77
Pvrene
Concen: 40.04 ng
RT: 13.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.9	14.4	21.6

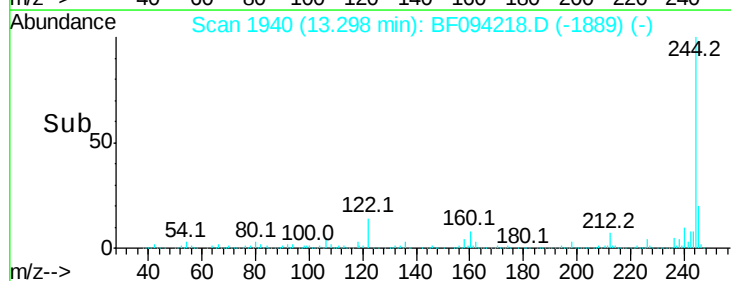
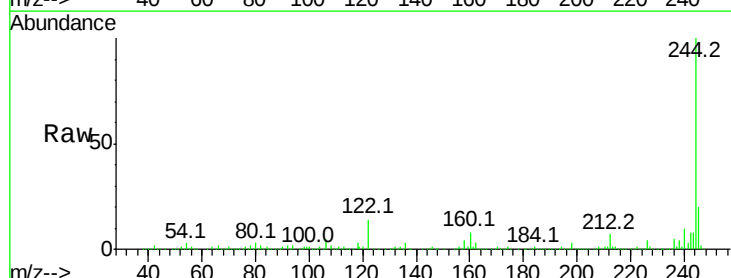
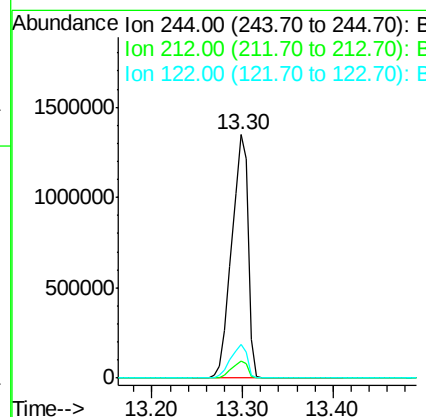
Manual Integrations
APPROVED

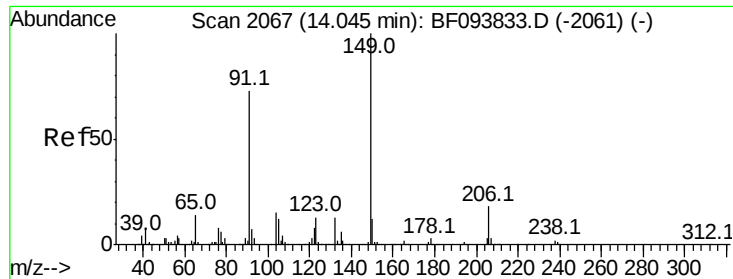
mohammad
4/7/2017 5:20:30 PM



#78
Terphenyl-d14
Concen: 79.49 ng
RT: 13.30 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.0	10.3	15.5





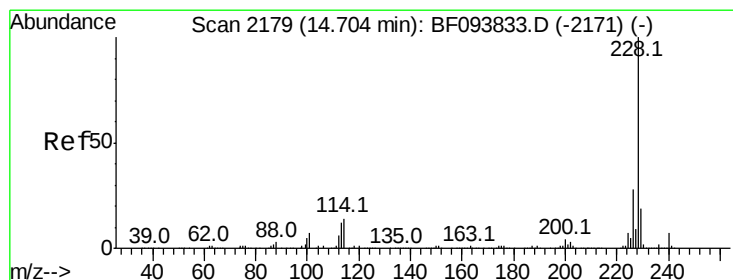
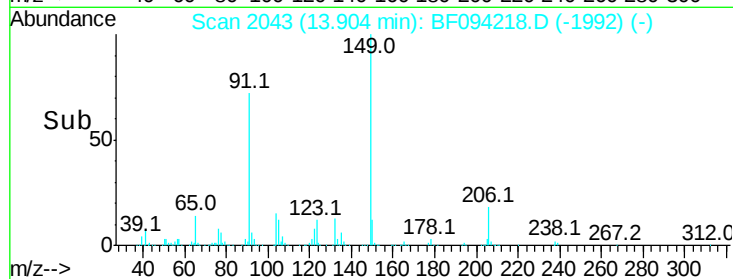
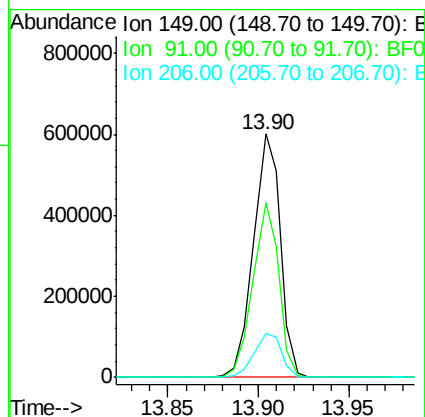
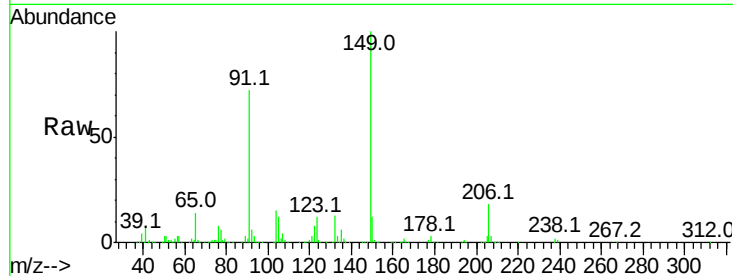
#79
Butylbenzylphthalate
Concen: 41.96 ng
RT: 13.90 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	45.0	67.4#
206	17.9	17.0	25.6

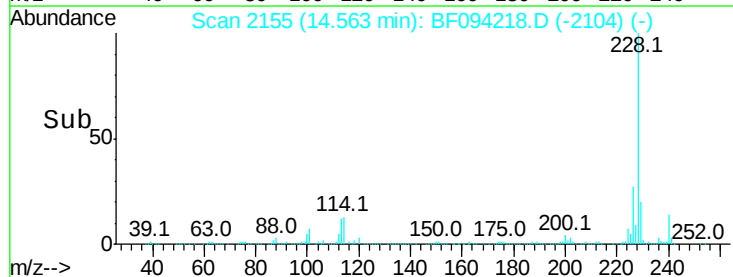
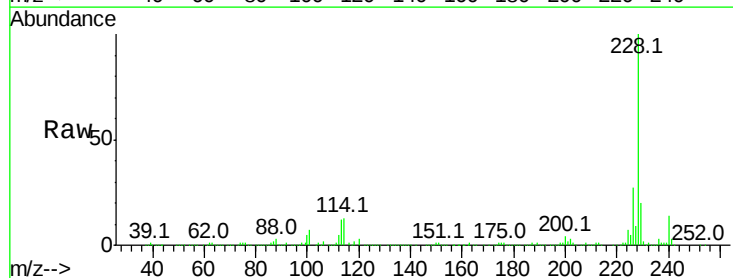
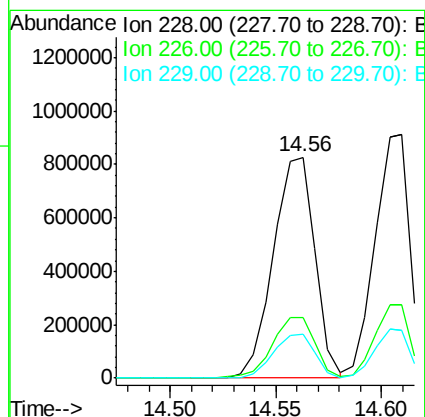
Manual Integrations
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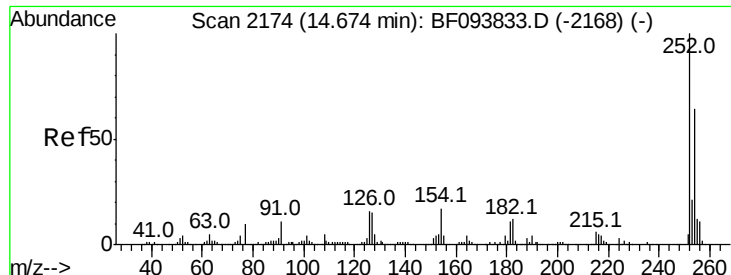
mohammad
4/7/2017 5:20:30 PM



#80
Benzo(a)anthracene
Concen: 40.78 ng
RT: 14.56 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	16.3	24.5





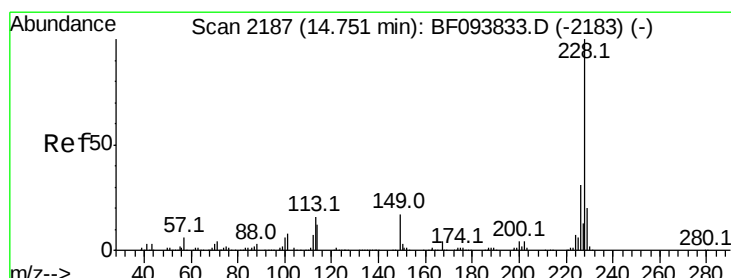
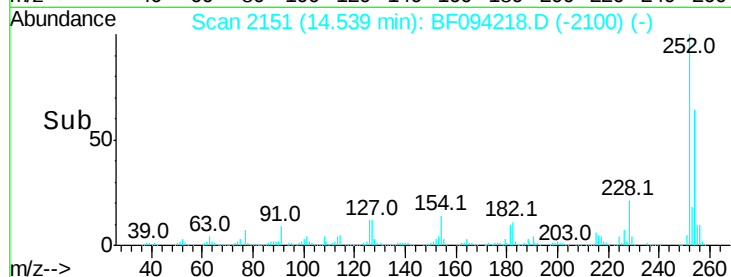
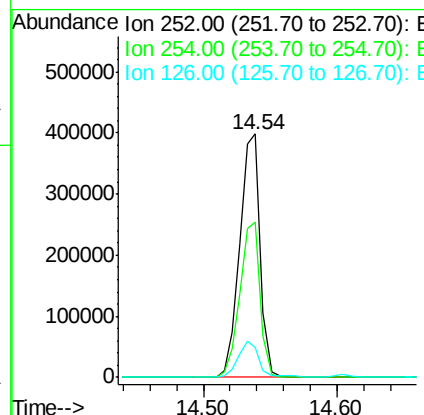
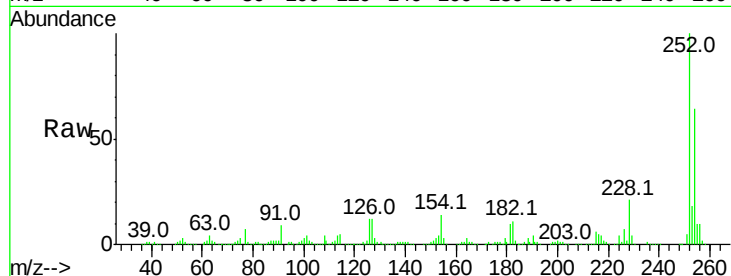
#81
 3,3'-Dichlorobenzidine
 Concen: 42.76 ng
 RT: 14.54 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	12.4	15.8	23.8

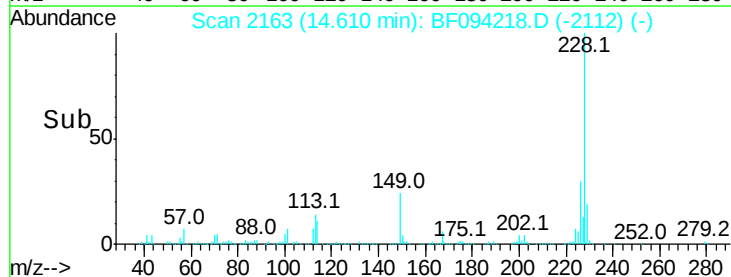
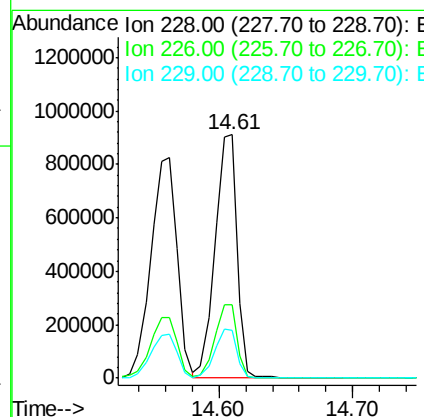
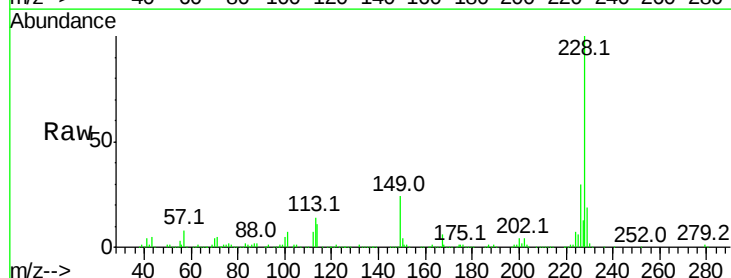
Manual Integrations
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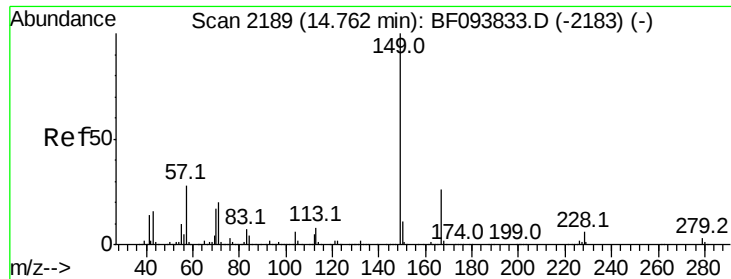
mohammad
 4/7/2017 5:20:30 PM



#82
 Chrysene
 Concen: 40.96 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.4	15.8	23.6





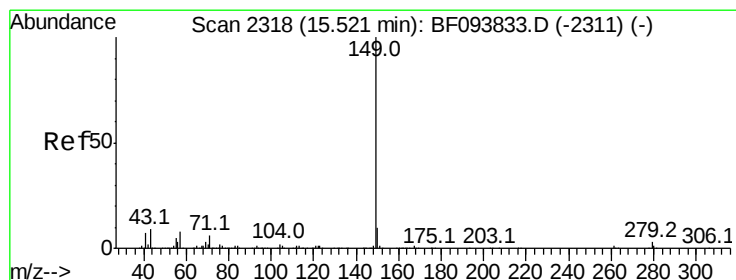
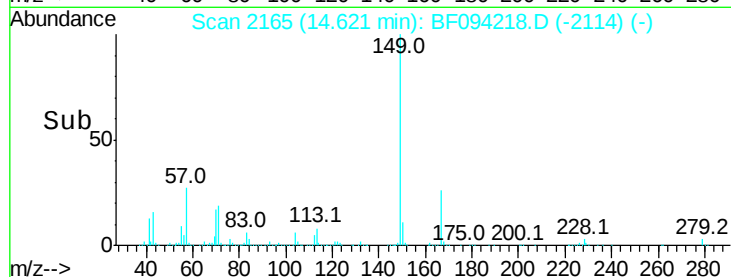
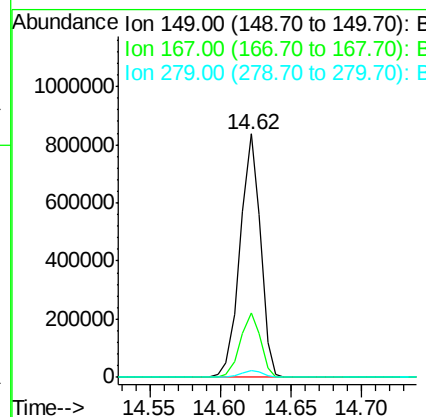
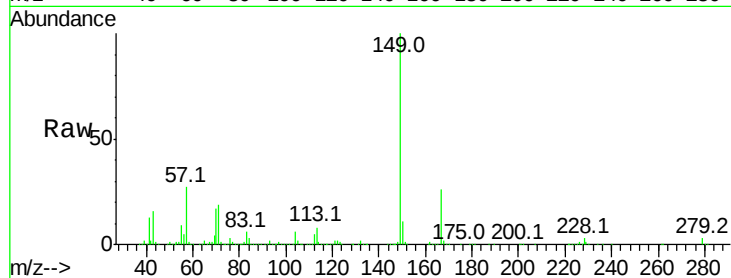
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.59 ng
 RT: 14.62 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.3	21.0	31.4	
279	3.0	1.9	2.9	

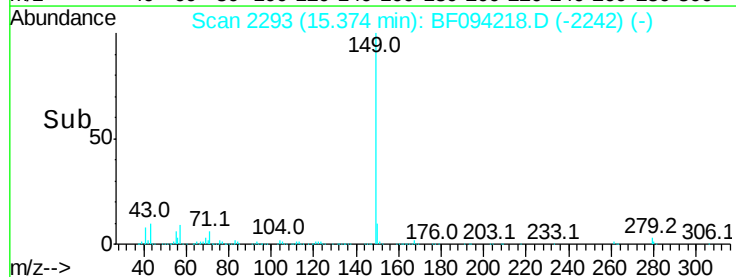
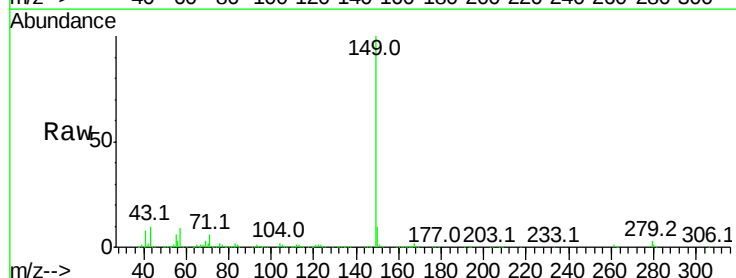
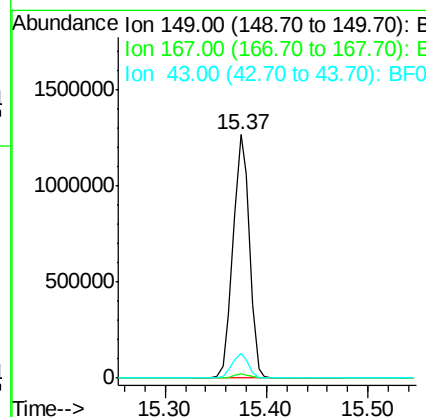
Manual Integrations
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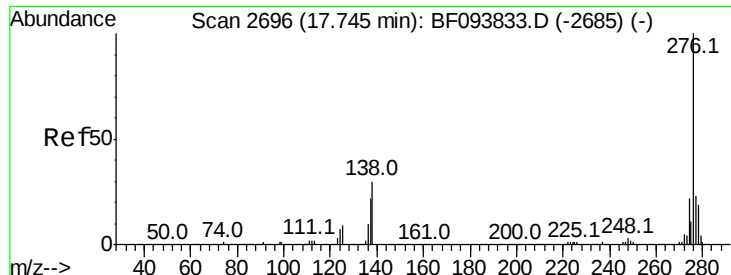
mohammad
 4/7/2017 5:20:30 PM



#84
 Di-n-octyl phthalate
 Concen: 42.42 ng
 RT: 15.37 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.9	8.5	12.7	





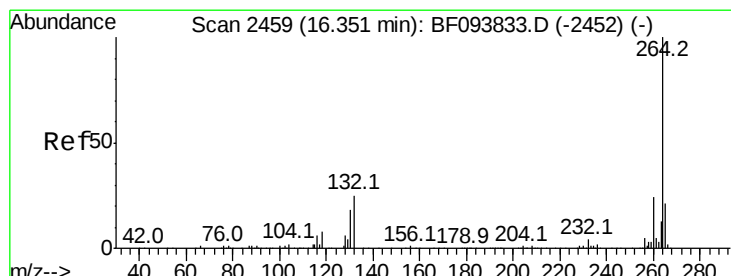
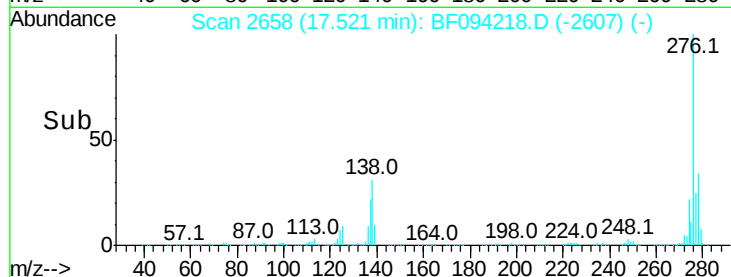
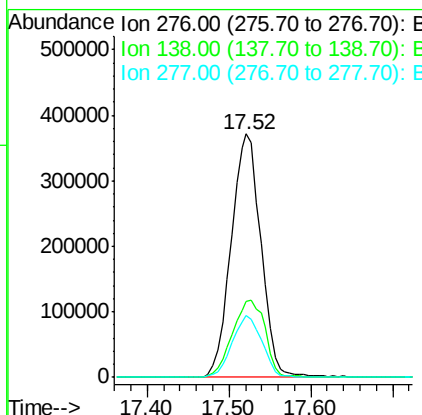
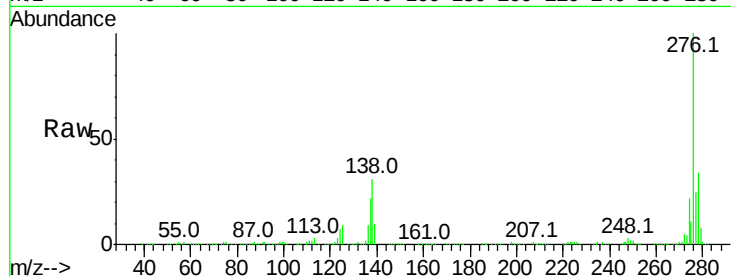
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.06 ng
 RT: 17.52 min Scan# 2658
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.6	20.2	30.4

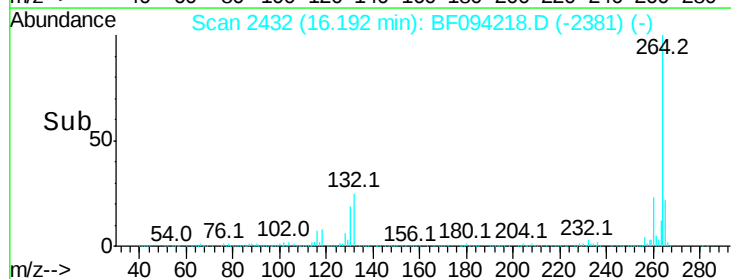
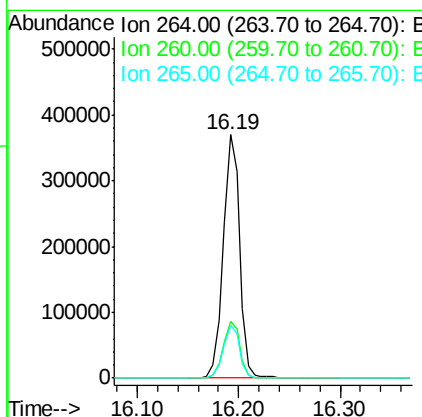
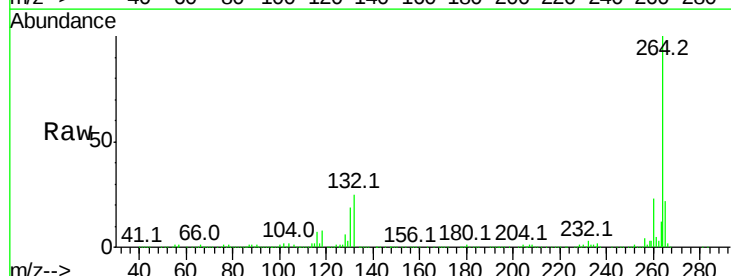
Manual Integrations
 APPROVED

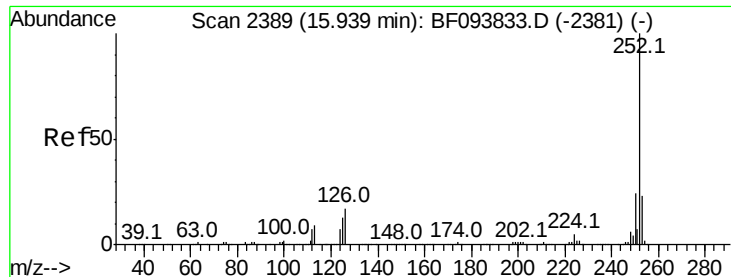
mohammad
 4/7/2017 5:20:30 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.51 ng

RT: 15.79 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1080228

Ion Ratio Lower Upper

252 100

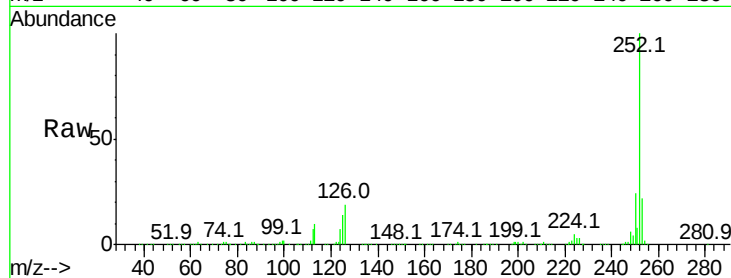
253 22.4 18.1 27.1

125 14.1 9.8 14.8

Manual Integrations
APPROVED

mohammad

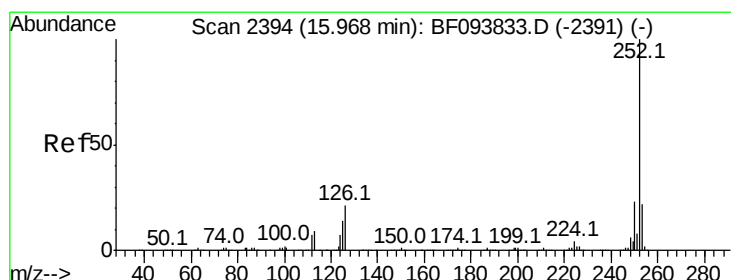
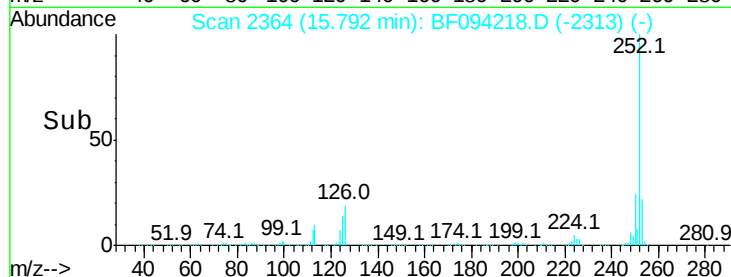
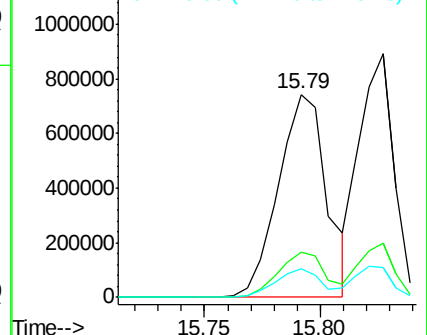
4/7/2017 5:20:30 PM



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: 37.57 ng m

RT: 15.83 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BF094218.D

Acq: 6 Apr 2017 10:20

Tgt Ion:252 Resp: 934217

Ion Ratio Lower Upper

252 100

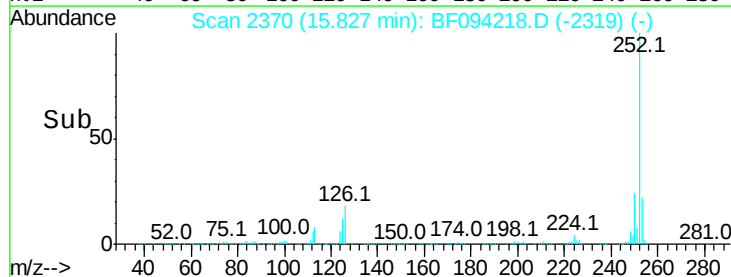
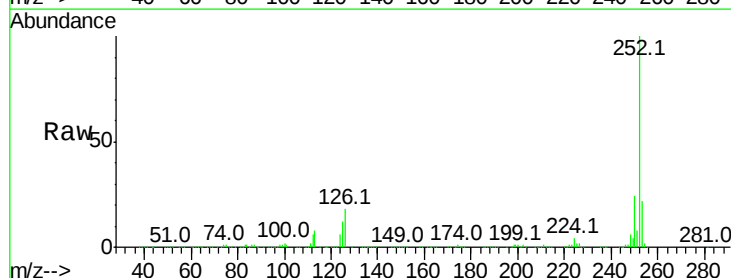
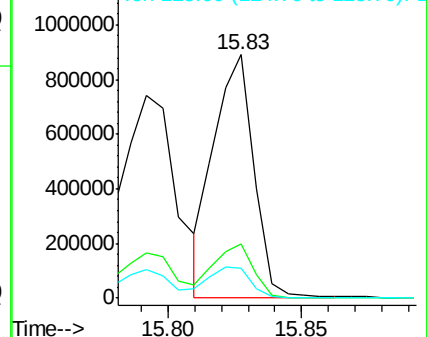
253 22.5 18.4 27.6

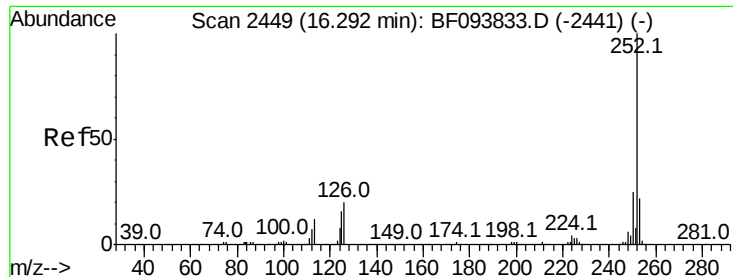
125 12.3 13.1 19.7#

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





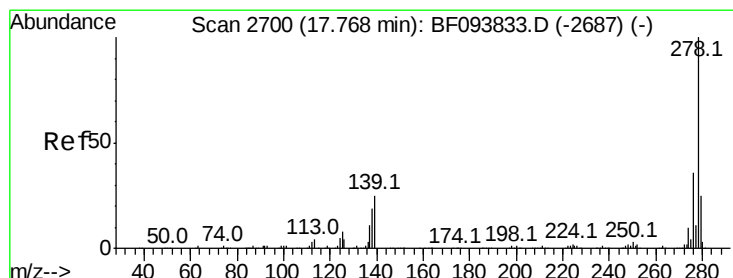
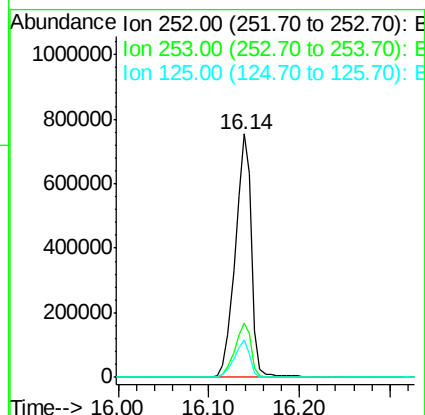
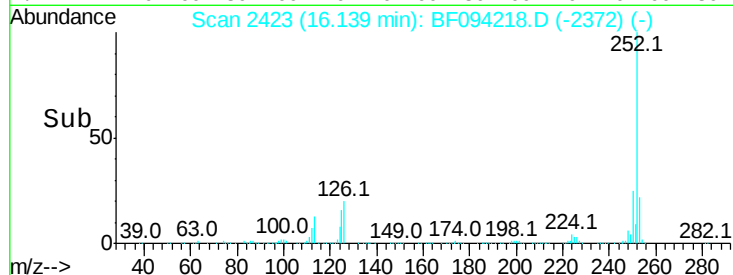
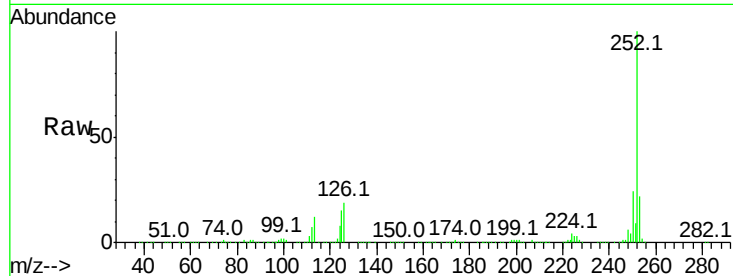
#89
Benzo(a)pyrene
Concen: 40.47 ng
RT: 16.14 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.4	11.0	16.4

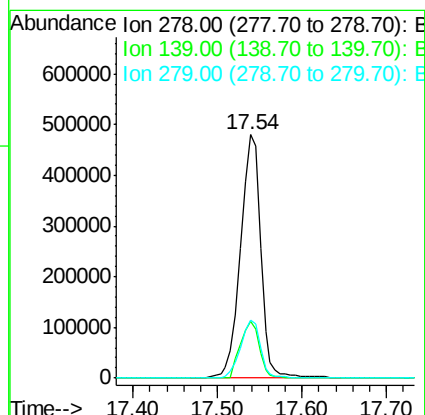
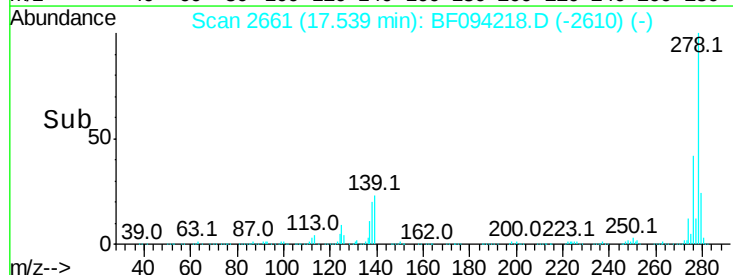
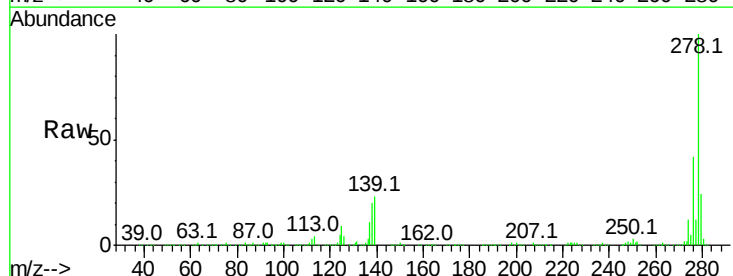
Manual Integrations
APPROVED

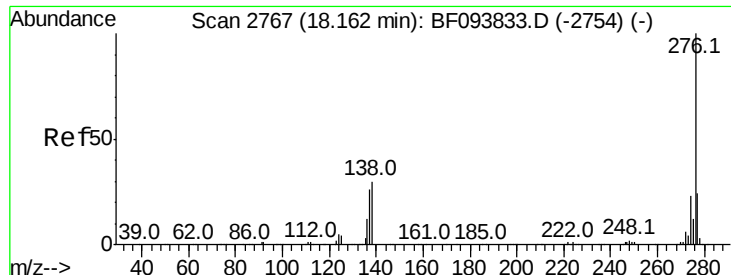
mohammad
4/7/2017 5:20:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.99 ng
RT: 17.54 min Scan# 2661
Delta R.T. 0.00 min
Lab File: BF094218.D
Acq: 6 Apr 2017 10:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.76 ng
 RT: 17.91 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BF094218.D
 Acq: 6 Apr 2017 10:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	32.4	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:30 PM

