

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095392.D
 Acq On : 24 May 2017 16:51
 Operator : SJ/MA
 Sample : I3281-08MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Manual Integrations
 APPROVED

mohammad
 5/25/2017 6:00:03 PM

Quant Time: May 25 16:05:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	90922	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	401860	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	180000	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	306168	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	180589	20.00	ng	-0.02
86) Perylene-d12	20.35	264	172921	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	628305	115.21	ng	-0.01
7) Phenol-d6	7.30	99	744008	113.70	ng	-0.02
23) Nitrobenzene-d5	8.65	82	398758	62.57	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	141063	95.69	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	795212	63.59	ng	-0.02
78) Terphenyl-d14	17.32	244	534091	65.14	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	71221	26.63	ng	# 94
3) Pyridine	2.97	79	152362	24.58	ng	91
4) n-Nitrosodimethylamine	2.89	42	62238	24.09	ng	81
6) Aniline	7.27	93	236786	28.66	ng	92
8) 2-Chlorophenol	7.44	128	222151	35.79	ng	97
9) Benzaldehyde	7.10	77	64742	16.20	ng	97
10) Phenol	7.32	94	283393	41.10	ng	90
11) bis(2-Chloroethyl)ether	7.39	93	195006	34.26	ng	95
12) 1,3-Dichlorobenzene	7.65	146	224379	31.87	ng	98
13) 1,4-Dichlorobenzene	7.78	146	220814	30.92	ng	98
14) 1,2-Dichlorobenzene	8.01	146	208992	31.36	ng	96
15) Benzyl Alcohol	8.04	79	166790	39.63	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	252222	31.31	ng	96
17) 2-Methylphenol	8.25	107	167229	32.92	ng	98
18) Hexachloroethane	8.52	117	75094	31.04	ng	88
19) n-Nitroso-di-n-propylamine	8.45	70	148269	33.50	ng	95
20) 3+4-Methylphenols	8.52	107	216420	31.35	ng	# 57
22) Acetophenone	8.43	105	286681	29.73	ng	# 83
24) Nitrobenzene	8.68	77	208421	31.20	ng	91
25) Isophorone	9.08	82	376235	33.06	ng	96
26) 2-Nitrophenol	9.20	139	118250	32.81	ng	98
27) 2,4-Dimethylphenol	9.33	122	169894	29.15	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	230207	29.24	ng	99
29) 2,4-Dichlorophenol	9.63	162	176735	32.12	ng	97
30) 1,2,4-Trichlorobenzene	9.70	180	183113	31.06	ng	100
31) Naphthalene	9.80	128	643917	31.88	ng	99
32) Benzoic acid	9.70	122	5698	6.41	ng	# 49
33) 4-Chloroaniline	9.97	127	74803	9.94	ng	93
34) Hexachlorobutadiene	10.01	225	79373	25.52	ng	99
35) Caprolactam	10.57	113	51993m	31.47	ng	
36) 4-Chloro-3-methylphenol	10.81	107	172223	29.27	ng	87
37) 2-Methylnaphthalene	10.92	142	420060	31.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	164825	29.78	ng	99
40) Hexachlorocyclopentadiene	11.18	237	51933	26.68	ng	98

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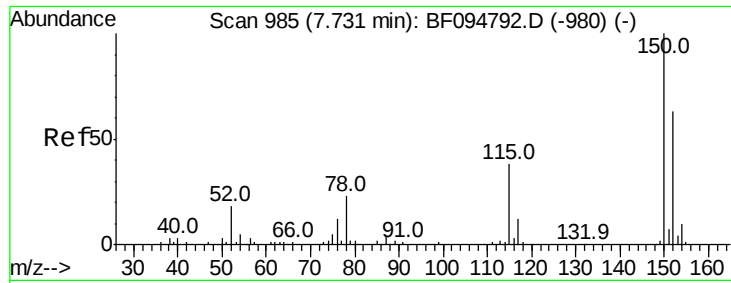
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	116891	31.63	nq	96
43) 2,4,5-Trichlorophenol	11.54	196	107538	27.07	nq	96
45) 1,1'-Biphenyl	11.69	154	450819	29.75	nq	98
46) 2-Chloronaphthalene	11.71	162	367905	30.07	nq	95
47) 2-Nitroaniline	11.94	65	101016	30.16	nq	# 83
48) Acenaphthylene	12.37	152	589381	30.75	nq	98
49) Dimethylphthalate	12.24	163	547568	37.06	nq	99
50) 2,6-Dinitrotoluene	12.34	165	90277	29.95	nq	# 90
51) Acenaphthene	12.65	154	363477	31.75	nq	98
52) 3-Nitroaniline	12.62	138	71799	22.19	nq	88
53) 2,4-Dinitrophenol	12.87	184	23903	19.52	nq	# 83
54) Dibenzofuran	12.94	168	560308	35.37	nq	97
55) 4-Nitrophenol	13.04	139	82623	42.51	nq	# 75
56) 2,4-Dinitrotoluene	13.02	165	130371	33.65	nq	94
57) Fluorene	13.49	166	431871	31.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	83809	33.52	nq	# 91
59) Diethylphthalate	13.38	149	425082	30.01	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	178302	29.45	nq	92
61) 4-Nitroaniline	13.62	138	78915	26.57	nq	93
62) Azobenzene	13.77	77	385853	33.90	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	41260	20.10	nq	# 75
65) n-Nitrosodiphenylamine	13.72	169	354116	31.87	nq	98
66) 4-Bromophenyl-phenylether	14.30	248	99177	30.66	nq	97
67) Hexachlorobenzene	14.39	284	99011	29.87	nq	# 90
68) Atrazine	14.64	200	109279	34.83	nq	97
69) Pentachlorophenol	14.75	266	57372	41.34	nq	98
70) Phenanthrene	15.04	178	750847	42.68	nq	98
71) Anthracene	15.12	178	617141	34.34	nq	99
72) Carbazole	15.41	167	529068	32.36	nq	97
73) Di-n-butylphthalate	15.97	149	653387	32.05	nq	98
74) Fluoranthene	16.78	202	708817	39.28	nq	98
76) Benzidine	17.02	184	63949	17.88	nq	97
77) Pyrene	17.09	202	680917	50.42	nq	98
79) Butylbenzylphthalate	17.98	149	233033	37.09	nq	93
80) Benzo(a)anthracene	18.67	228	383844	36.52	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	72934	20.09	nq	# 94
82) Chrysene	18.71	228	352066	34.64	nq	97
83) Bis(2-ethylhexyl)phthalate	18.72	149	299427	33.45	nq	# 99
84) Di-n-octyl phthalate	19.49	149	439204	29.93	nq	95
85) Indeno(1,2,3-cd)pyrene	21.68	276	384344	46.57	nq	99
87) Benzo(b)fluoranthene	19.94	252	352580	33.00	nq	98
88) Benzo(k)fluoranthene	19.97	252	314416	30.51	nq	96
89) Benzo(a)pyrene	20.29	252	324539	32.92	nq	99
90) Dibenzo(a,h)anthracene	21.68	278	308292	37.86	nq	95
91) Benzo(g,h,i)perylene	22.06	276	334736	41.89	nq	98

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



#1

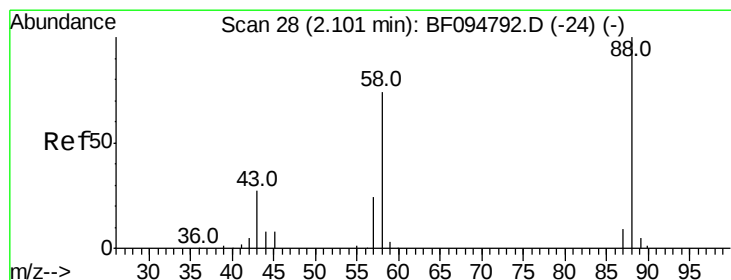
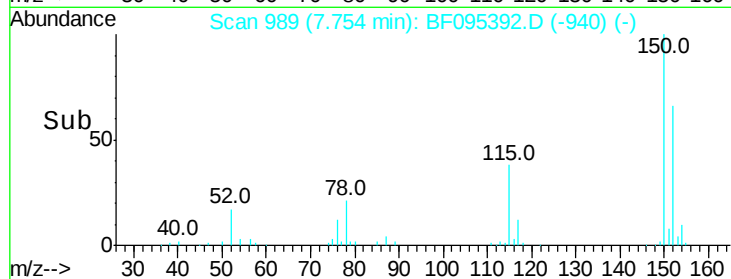
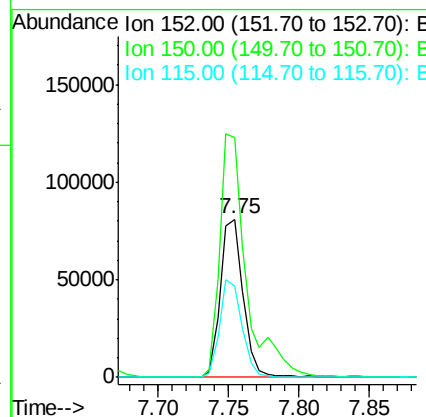
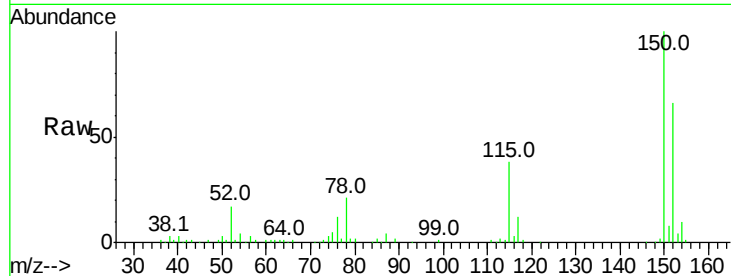
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	58.1	52.2	78.2

Manual Integrations
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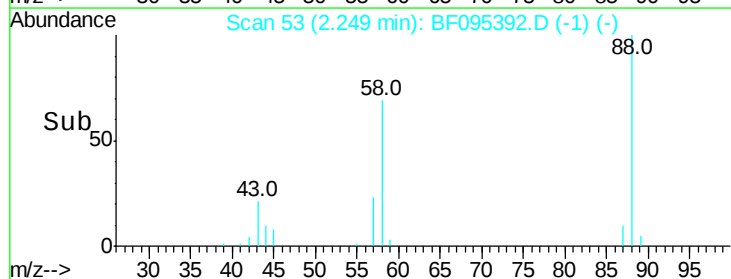
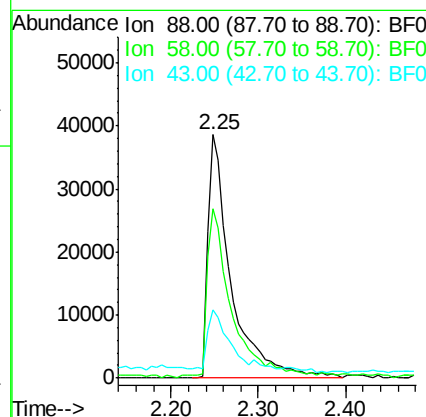
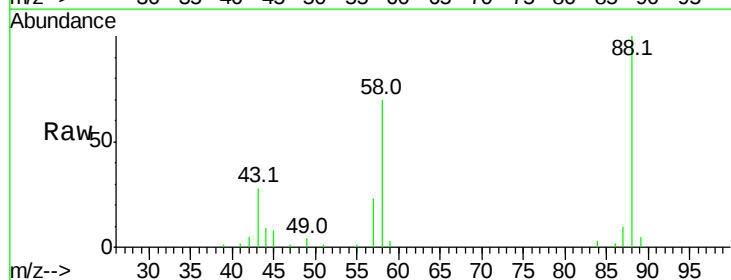
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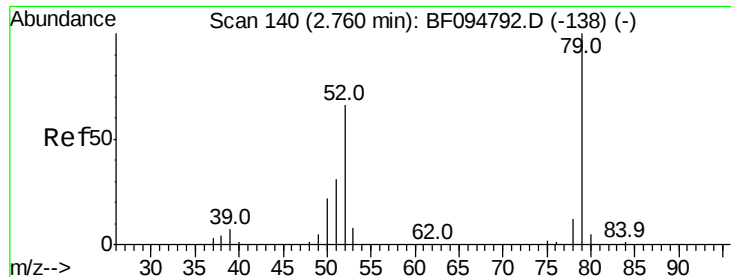


#2

1,4-Dioxane
Concen: 26.63 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	61.4	92.0
43	22.4	23.4	35.0





#3

Pvridine

Concen: 24.58 ng

RT: 2.97 min Scan# 176

Delta R.T. 0.05 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

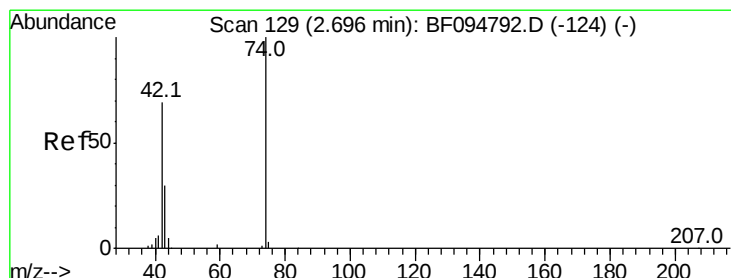
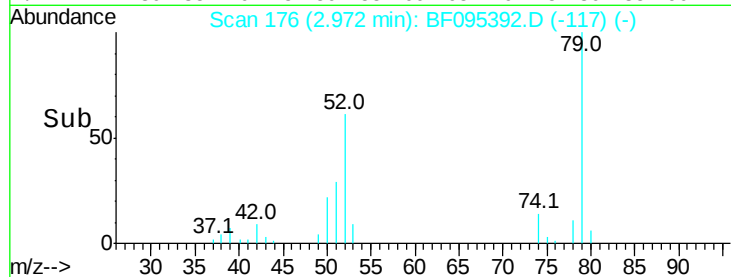
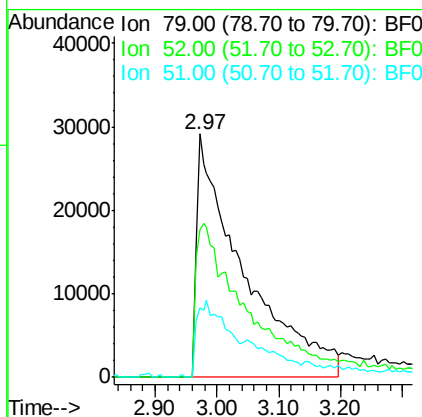
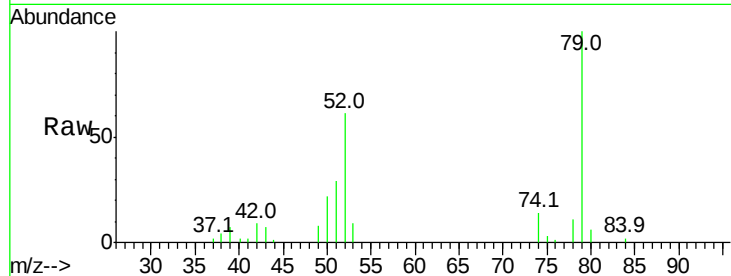
ClientSampleId :

R1-TP-3-D34MSD

Tot Ion:	79	Resp:	152362
Ion	Ratio	Lower	Upper
79	100		
52	60.8	54.8	82.2
51	28.7	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 24.09 ng

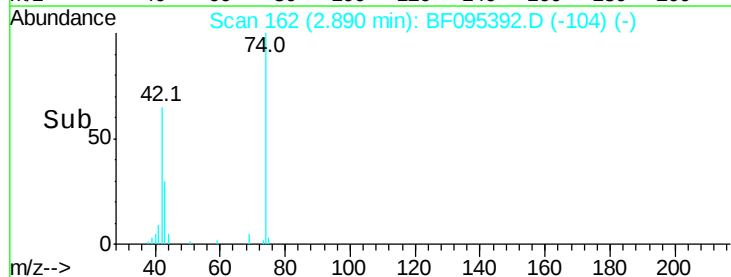
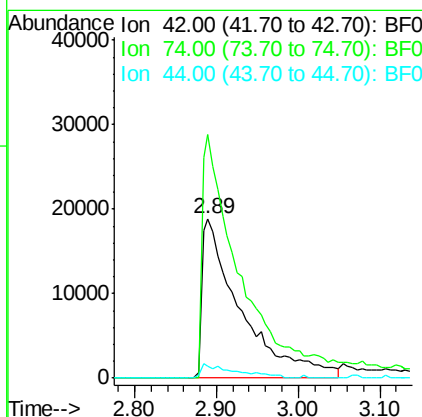
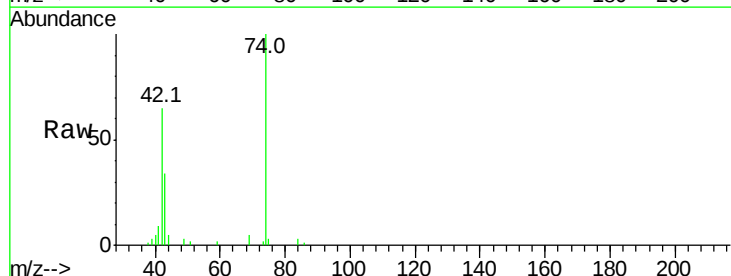
RT: 2.89 min Scan# 162

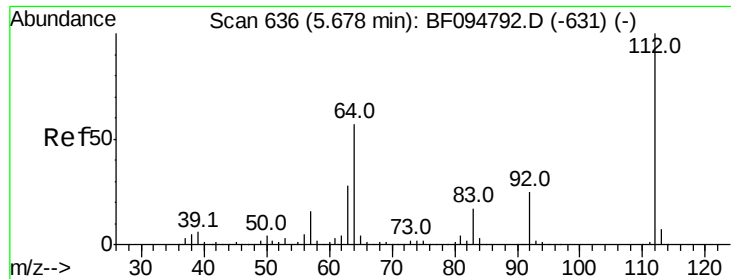
Delta R.T. 0.04 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion:	42	Resp:	62238
Ion	Ratio	Lower	Upper
42	100		
74	152.8	103.9	155.9
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 115.21 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

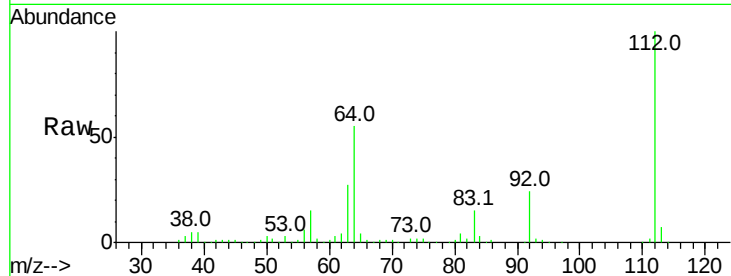
ClientSampleId :

R1-TP-3-D34MSD

Tot Ion:	112	Resp:	628305
Ion Ratio	Lower	Upper	
112	100		
64	54.9	46.0	69.0
63	26.6	23.4	35.0

Manual Integrations
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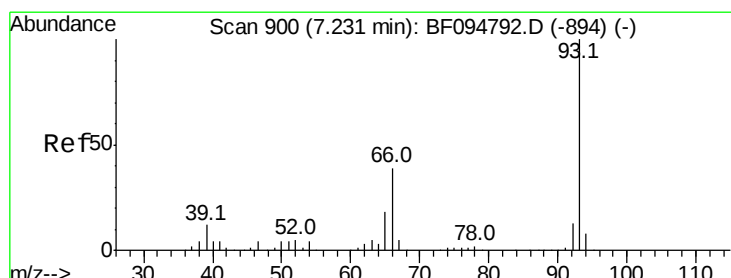
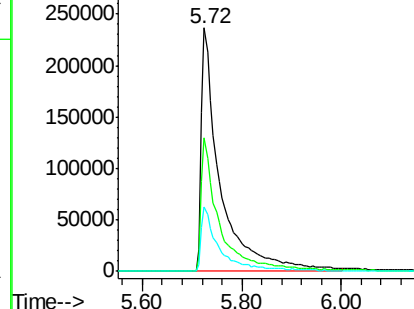
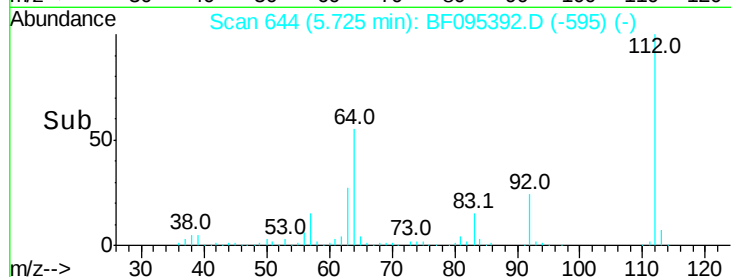
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.66 ng

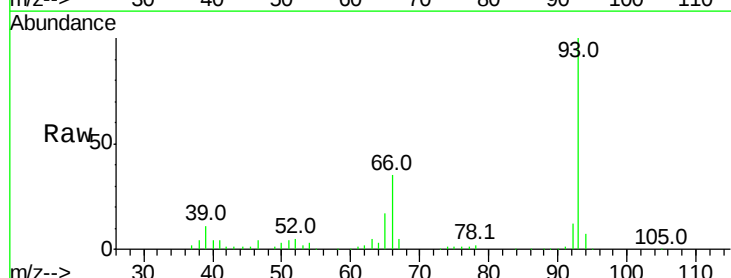
RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

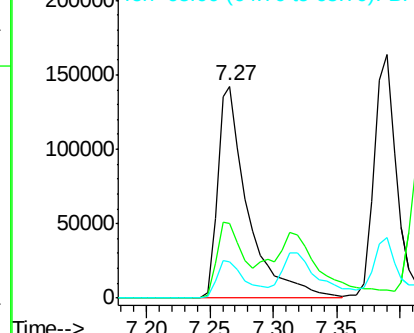
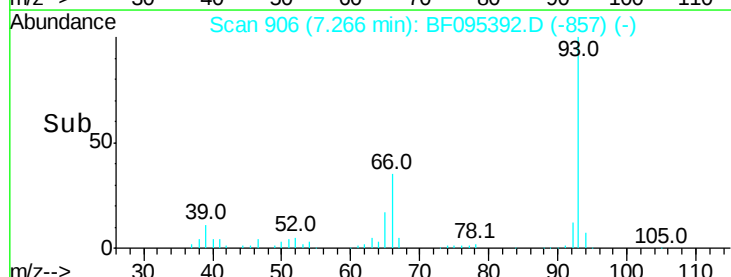
Tgt Ion:	93	Resp:	236786
Ion Ratio	Lower	Upper	
93	100		
66	35.1	32.9	49.3
65	17.3	16.0	24.0

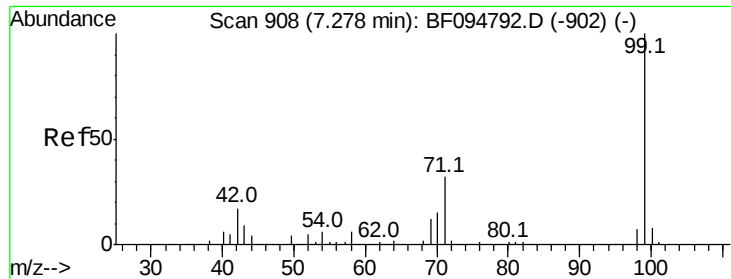


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.70 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

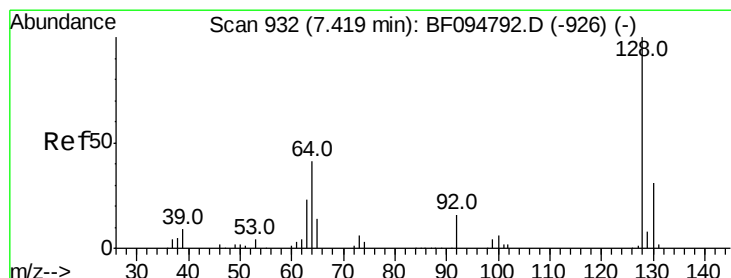
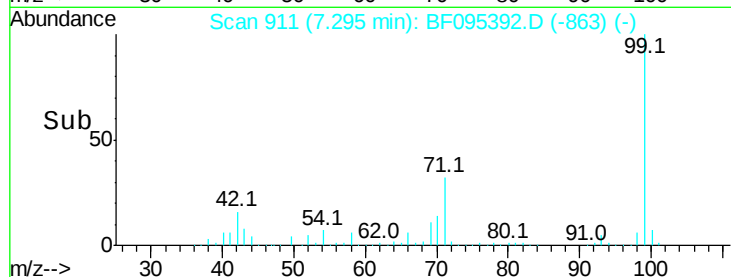
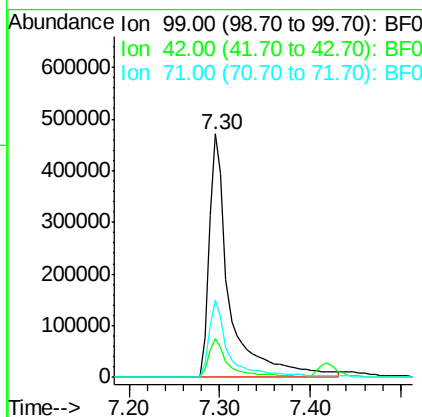
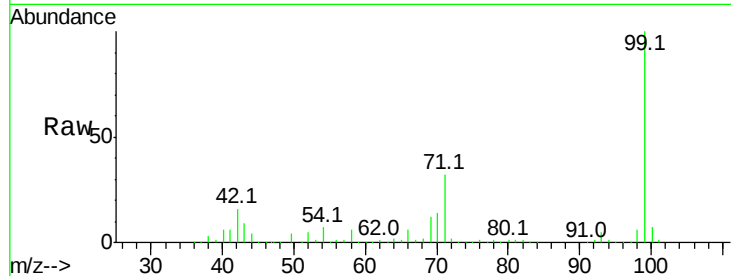
ClientSampleId :

R1-TP-3-D34MSD

Tot Ion	99	Resp	744008
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	32.0	24.5	36.7

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#8

2-Chlorophenol

Concen: 35.79 ng

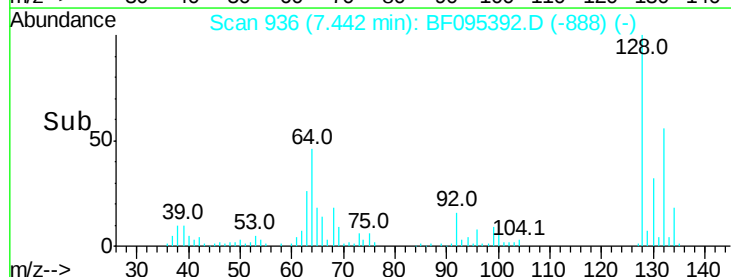
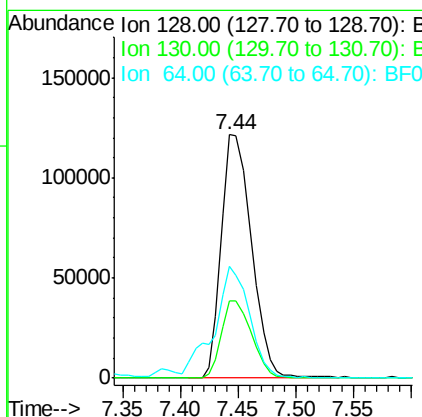
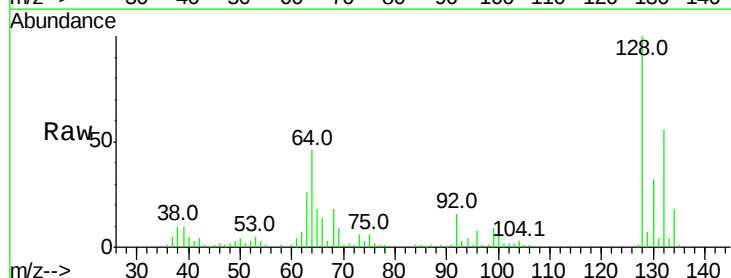
RT: 7.44 min Scan# 936

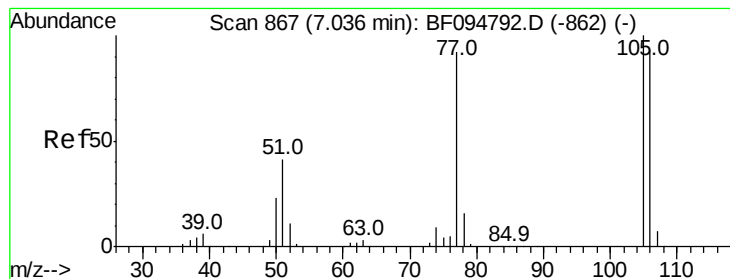
Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion	128	Resp	222151
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	45.7	28.4	68.4





#9

Benzaldehyde

Concen: 16.20 ng

RT: 7.10 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampled :

R1-TP-3-D34MSD

Tot Ion: 77 Resp: 64742

Ion Ratio Lower Upper

77 100

105 106.0 83.8 123.8

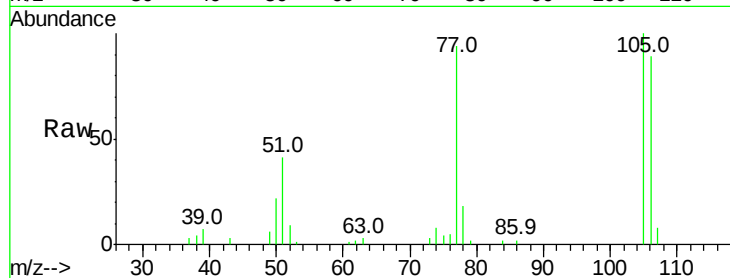
106 94.5 79.1 119.1

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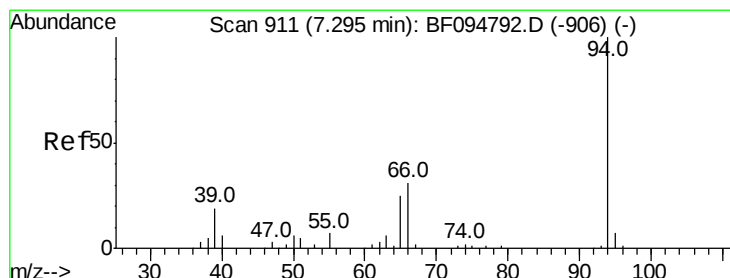
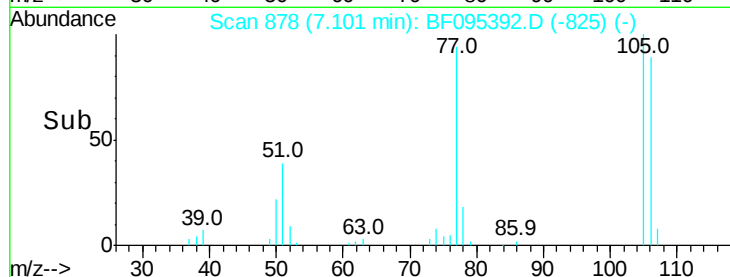
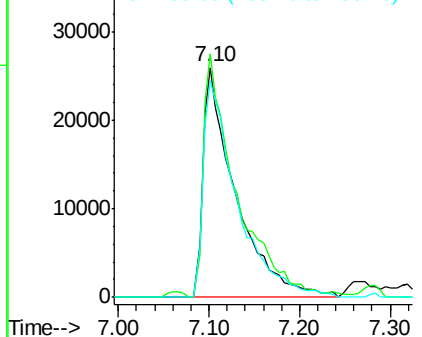
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.10 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

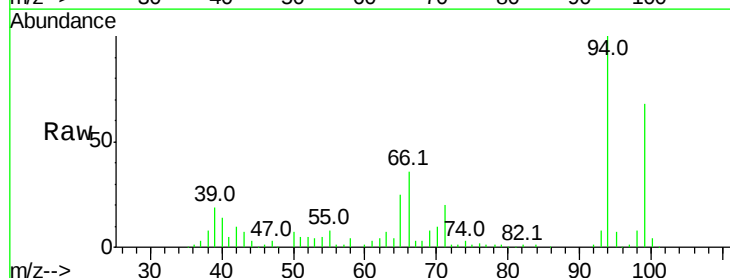
Tgt Ion: 94 Resp: 283393

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

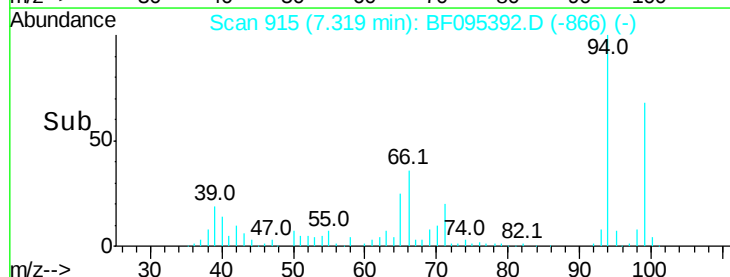
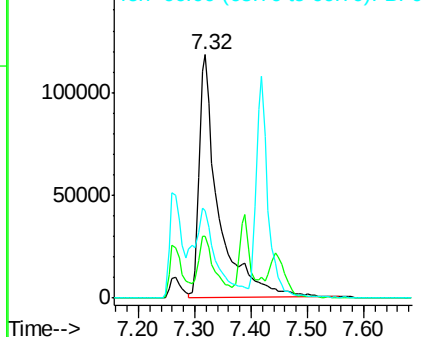
66 36.1 23.1 63.1

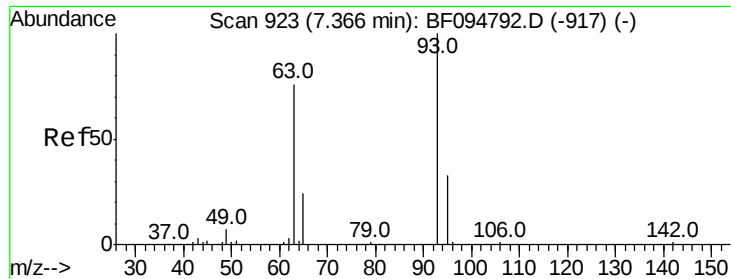


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





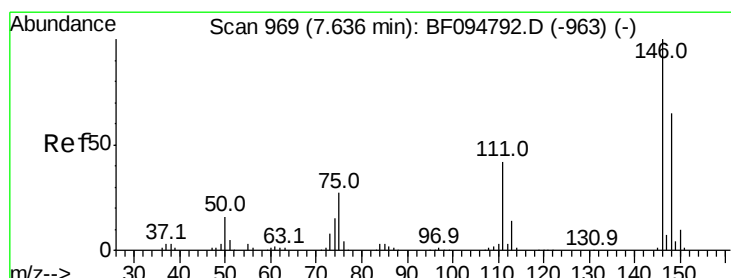
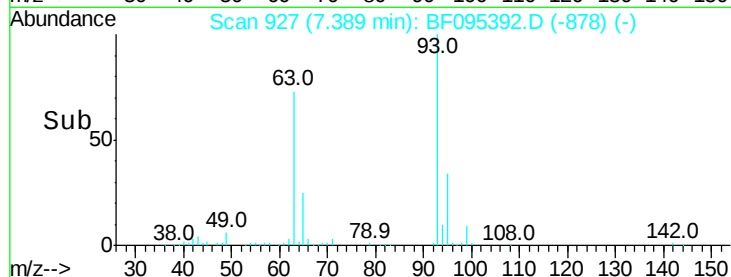
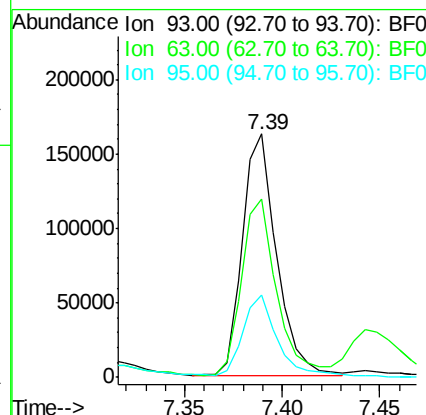
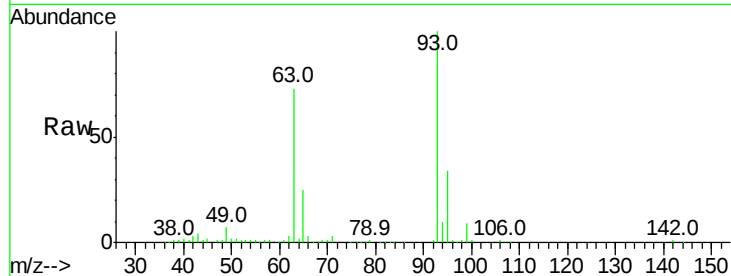
#11
bis(2-Chloroethyl)ether
Concen: 34.26 ng
RT: 7.39 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.4	59.2	99.2	
95	33.6	12.8	52.8	

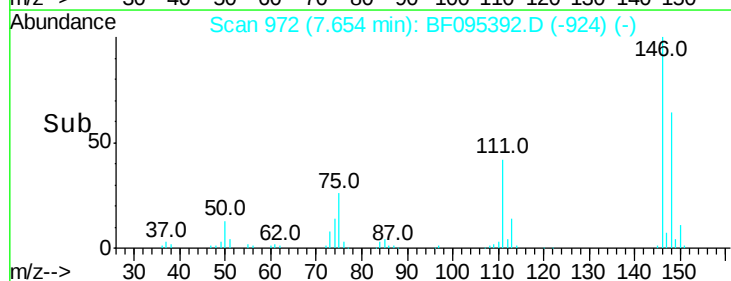
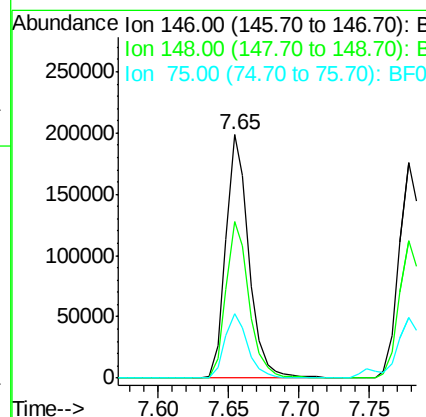
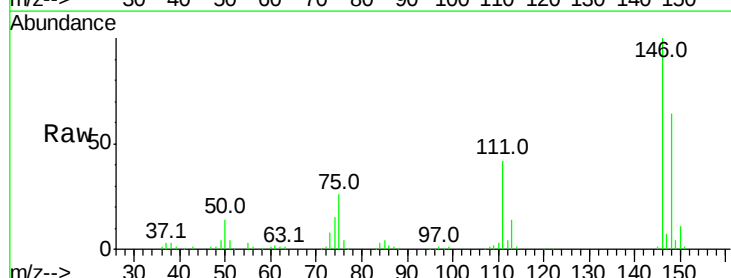
Manual Integrations
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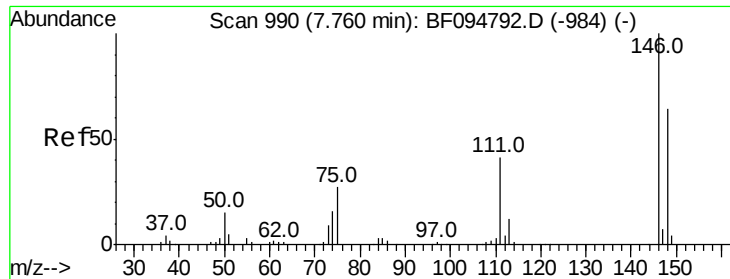
mohammad
5/25/2017 6:00:03 PM



#12
1,3-Dichlorobenzene
Concen: 31.87 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.1	51.8	77.6	
75	26.3	23.1	34.7	





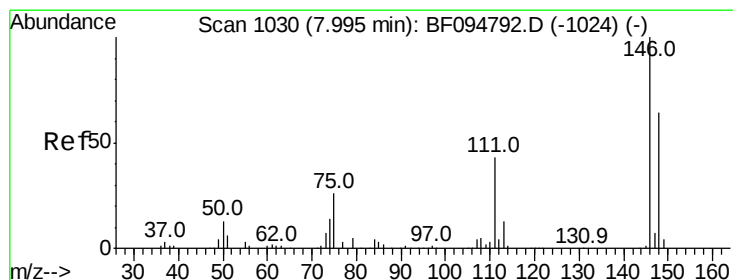
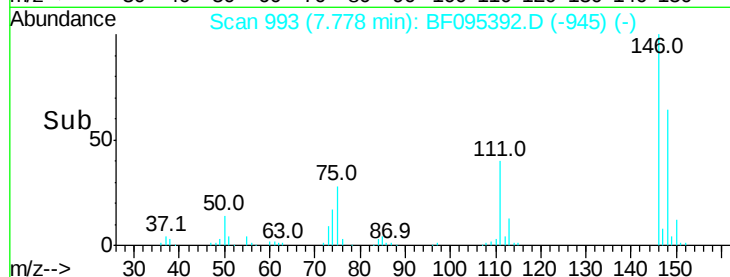
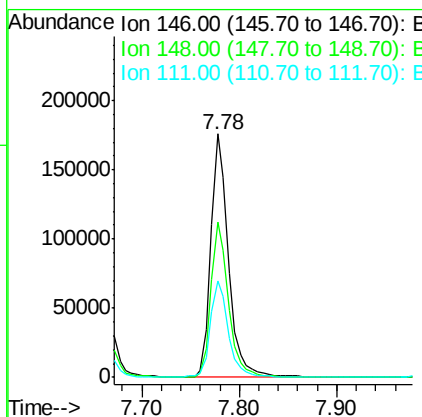
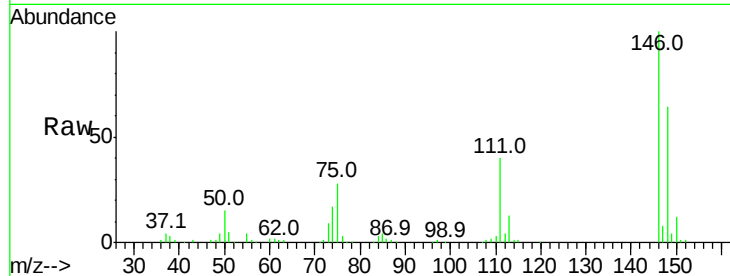
#13
 1,4-Dichlorobenzene
 Concen: 30.92 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	39.8	30.3	45.5

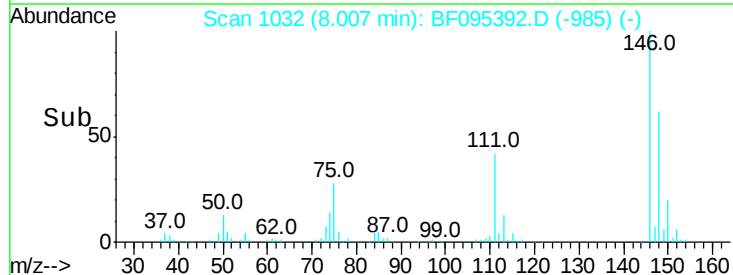
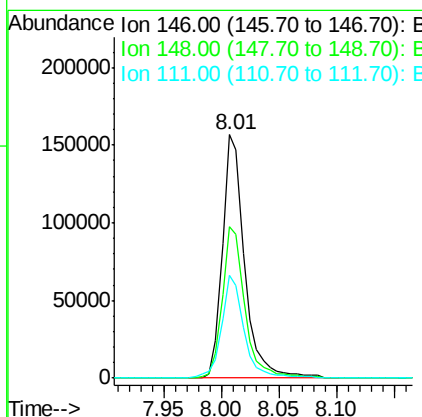
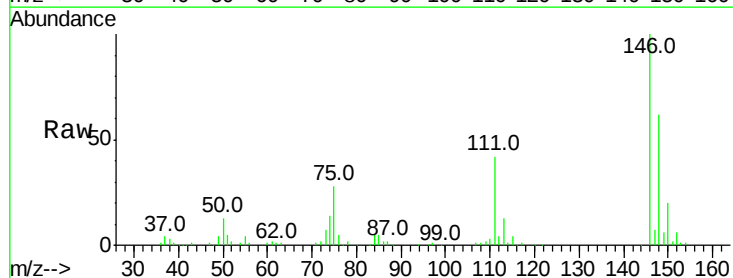
Manual Integrations
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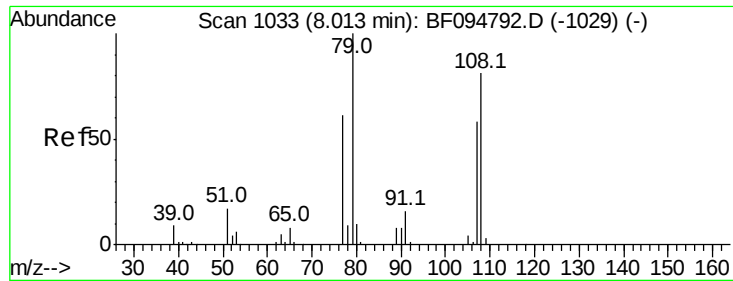
mohammad
 5/25/2017 6:00:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.36 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.4	75.6
111	42.1	38.2	57.4





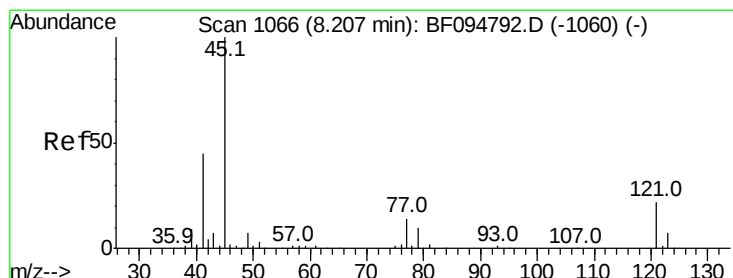
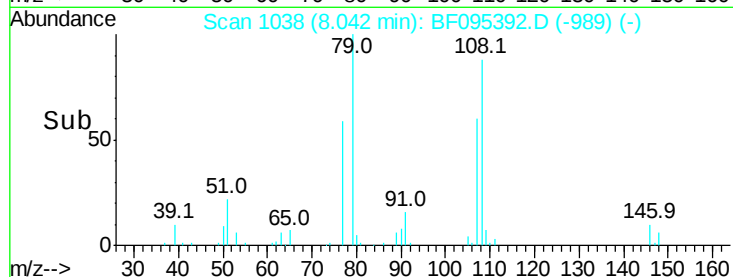
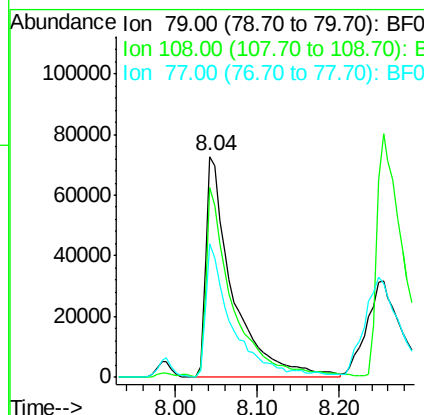
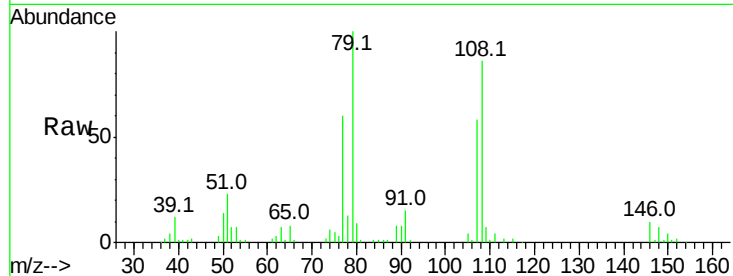
#15
Benzyl Alcohol
Concen: 39.63 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.8	63.4	95.0
77	60.4	49.2	73.8

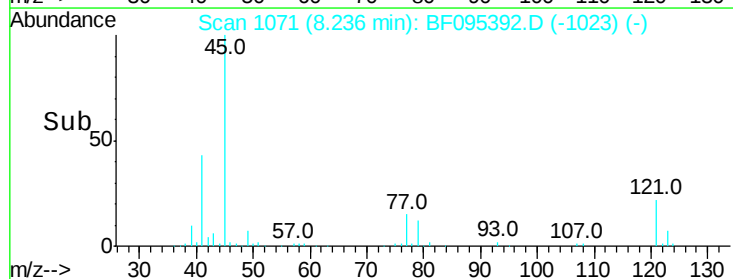
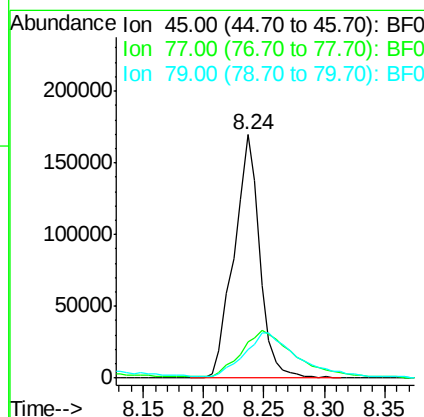
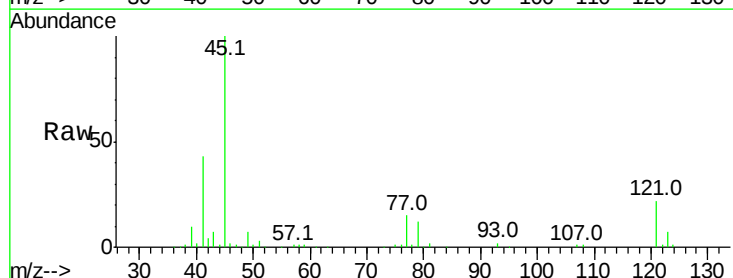
Manual Integrations
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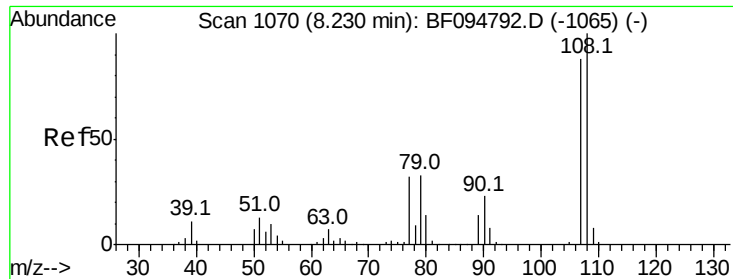
mohammad
5/25/2017 6:00:03 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.31 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	33.2
79	11.7	0.0	30.0





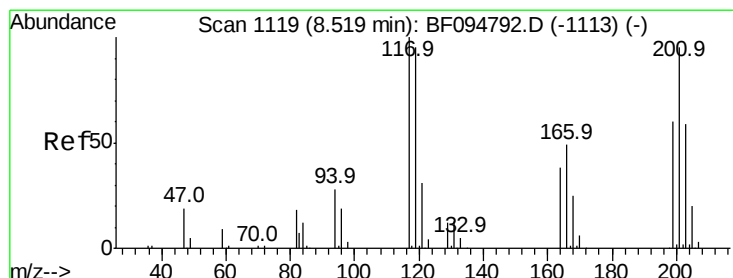
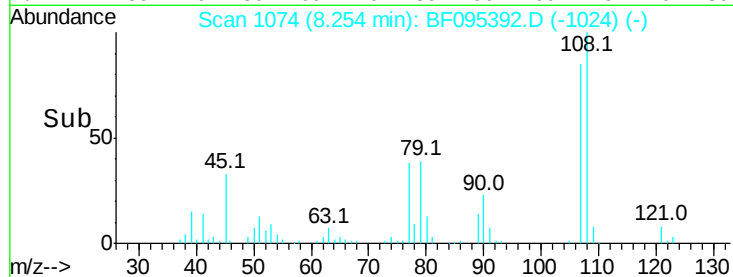
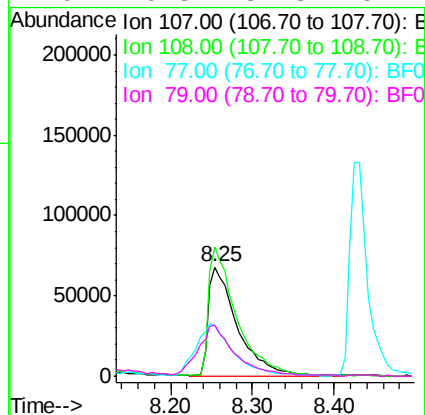
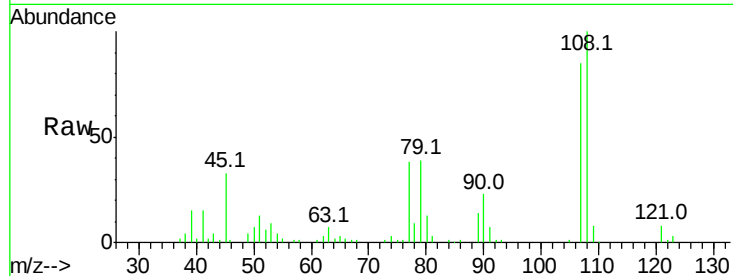
#17
2-Methylphenol
Concen: 32.92 ng
RT: 8.25 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	167229		
108	108	117.7	93.4	140.0	
77	77	45.1	35.8	53.6	
79	79	46.3	34.8	52.2	

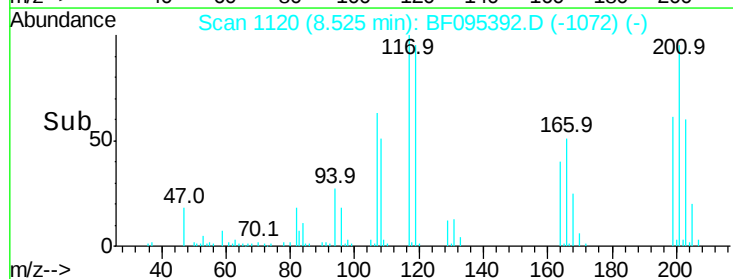
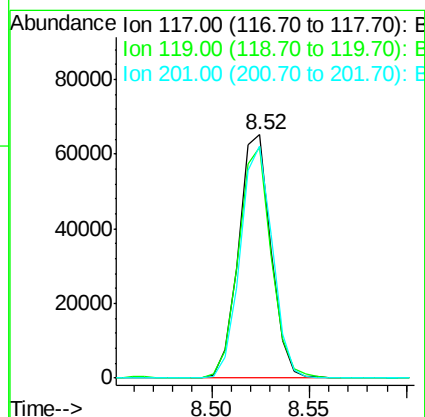
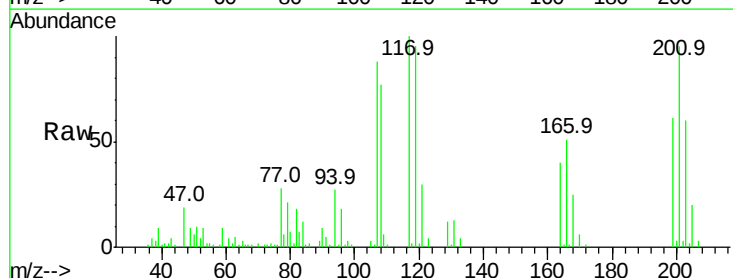
Manual Integrations
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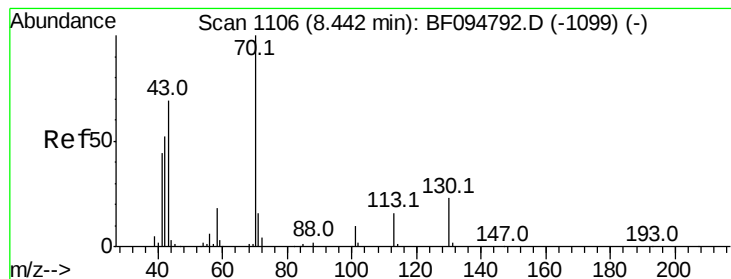
mohammad
5/25/2017 6:00:03 PM



#18
Hexachloroethane
Concen: 31.04 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	75094		
119	119	94.8	77.4	116.0	
201	201	95.1	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 33.50 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

R1-TP-3-D34MSD

Tot Ion: 70 Resp: 148269

Ion Ratio Lower Upper

70 100

42 54.5 47.2 70.8

101 9.6 7.2 10.8

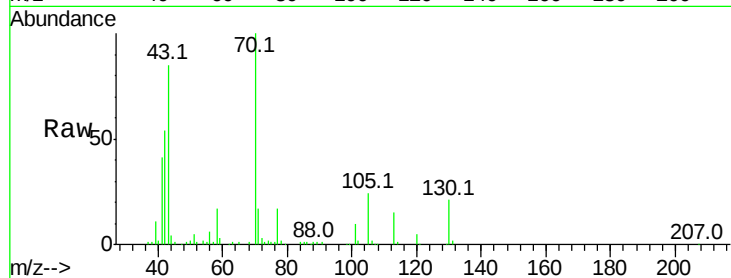
130 20.7 15.9 23.9

Manual Integrations

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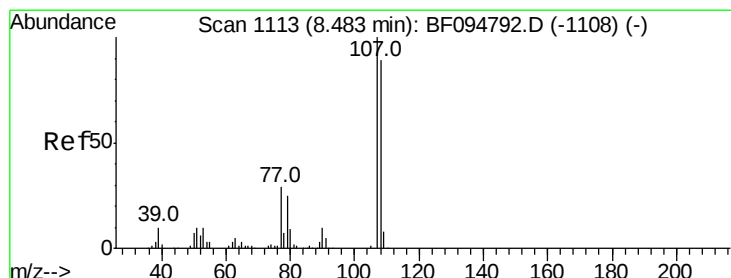
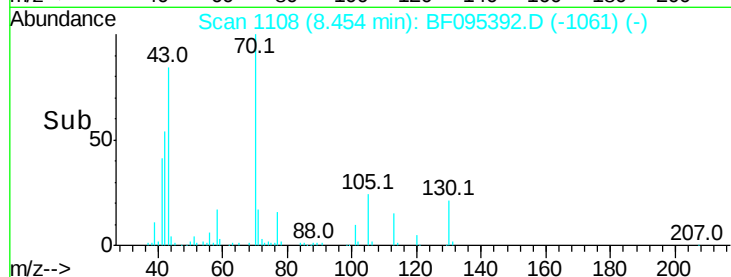
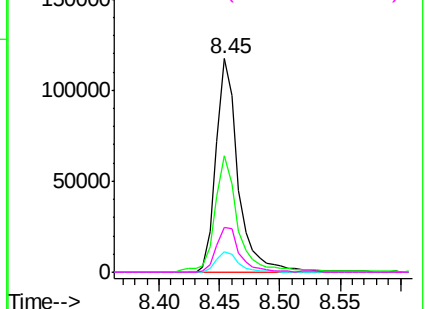


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 31.35 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion:107 Resp: 216420

Ion Ratio Lower Upper

107 100

108 81.5 71.0 111.0

77 29.1 90.5 130.5#

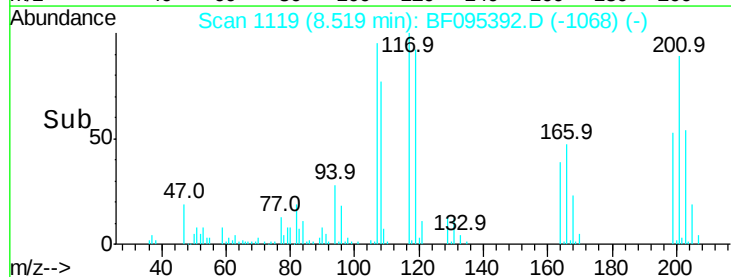
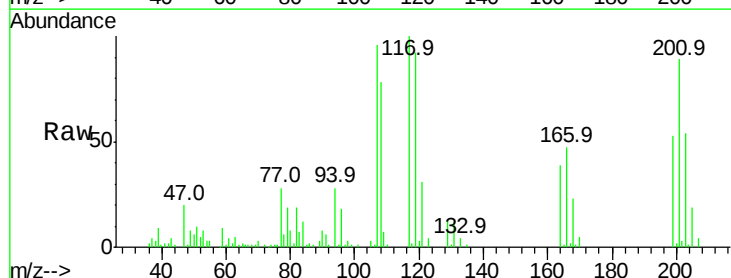
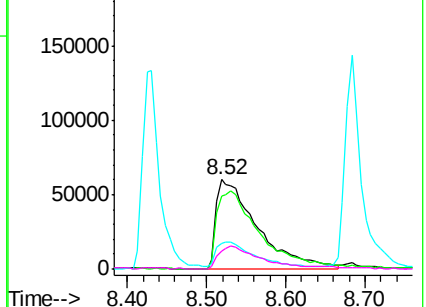
79 20.1 8.4 48.4

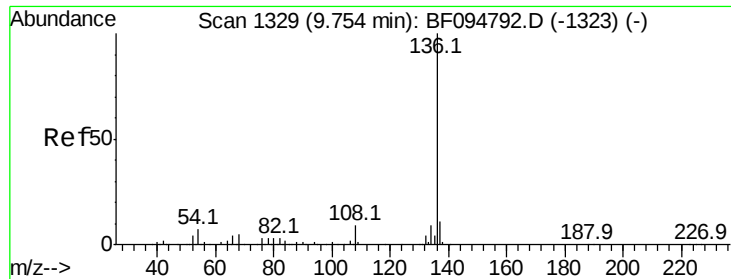
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





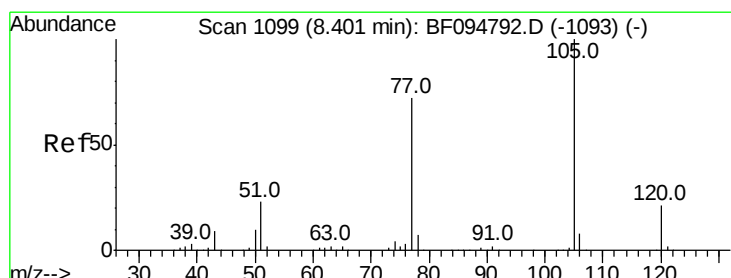
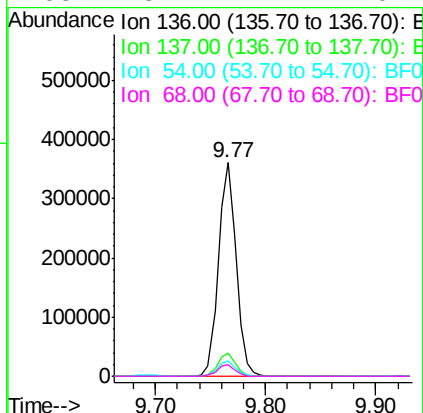
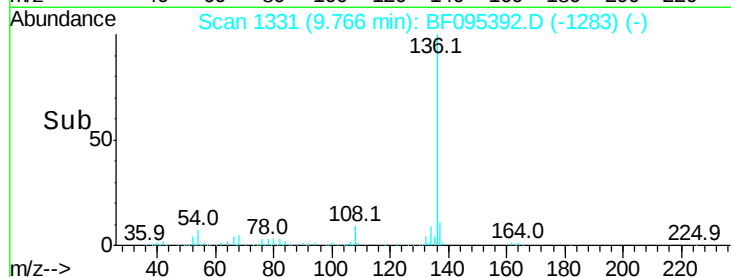
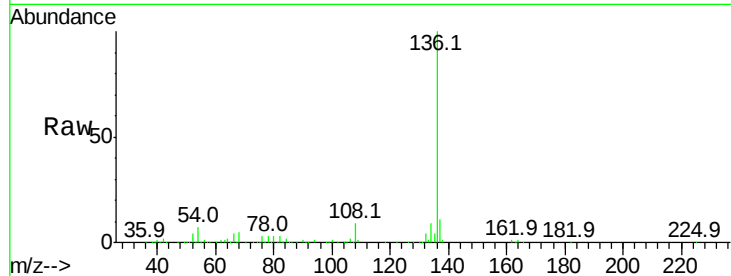
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	401860		
137	10.8		8.5	12.7
54	6.9		4.9	7.3
68	5.2		4.1	6.1

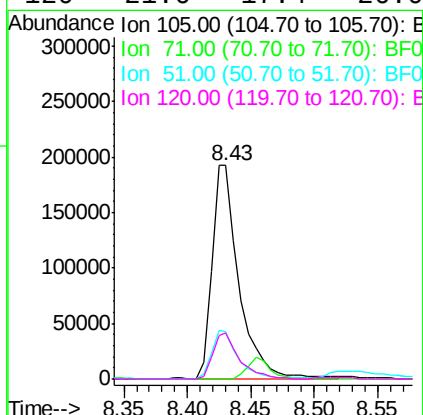
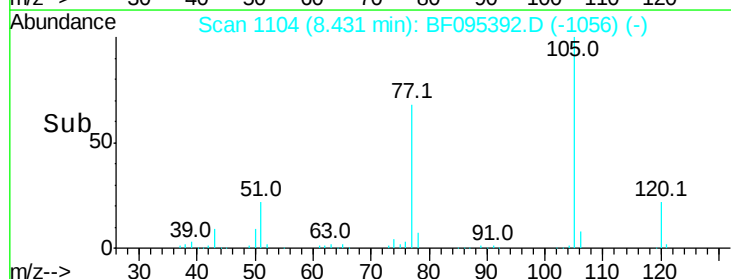
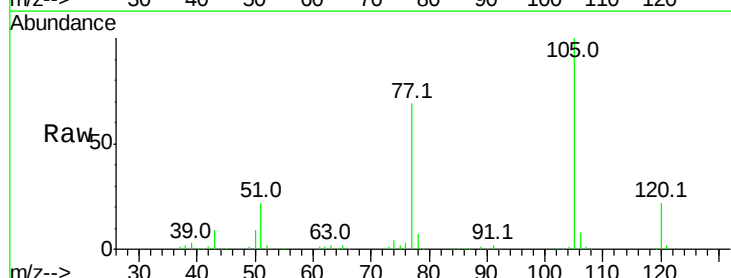
Manual Integrations
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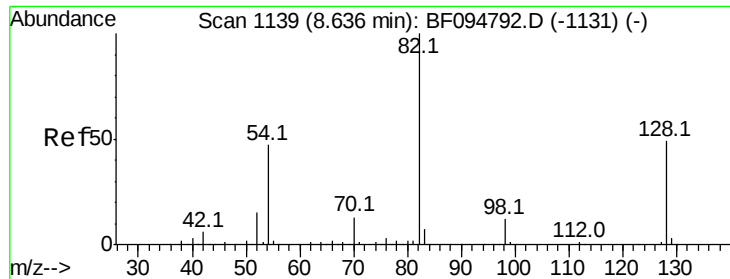
mohammad
5/25/2017 6:00:03 PM



#22
Acetophenone
Concen: 29.73 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	286681		
71	0.0		2.8	4.2#
51	22.1		30.7	46.1#
120	21.6		17.4	26.0





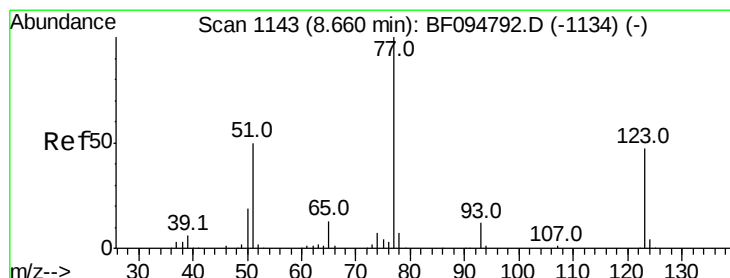
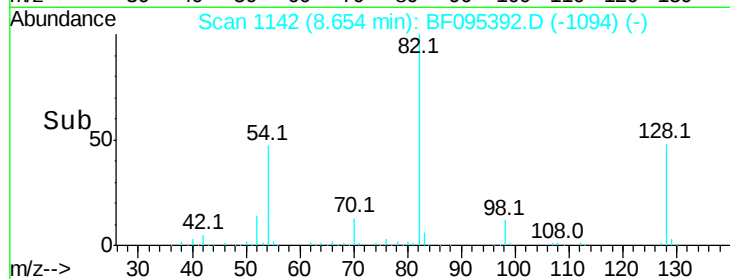
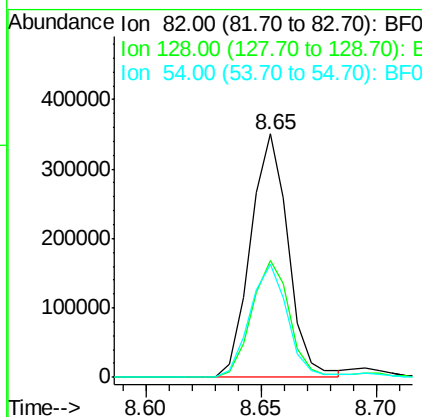
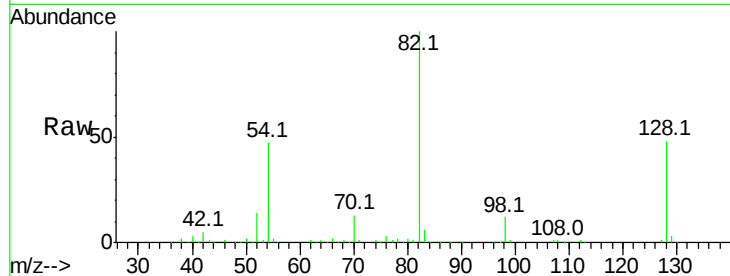
#23
 Nitrobenzene-d5
 Concen: 62.57 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	82	Resp	398758
Ion Ratio	100	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	46.6	42.2	63.2

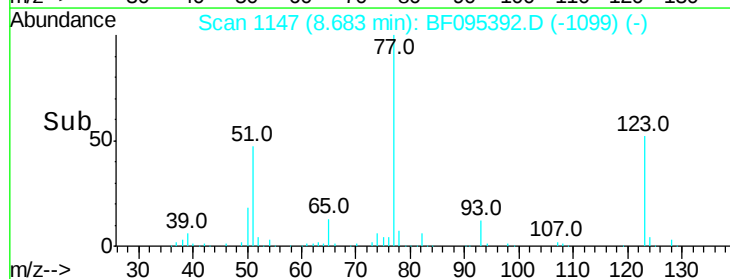
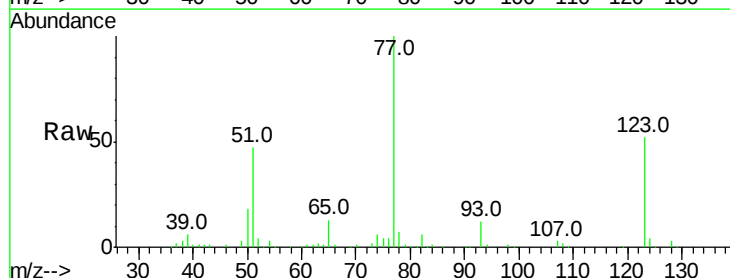
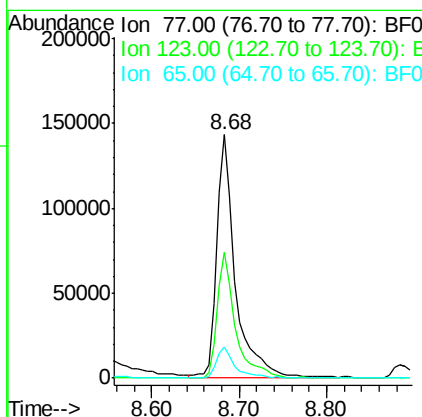
Manual Integrations
 APPROVED

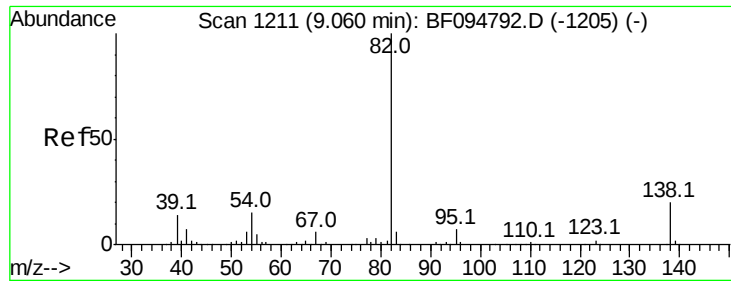
mohammad
 5/25/2017 6:00:03 PM



#24
 Nitrobenzene
 Concen: 31.20 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	77	Resp	208421
Ion Ratio	100	Lower	Upper
77	100		
123	51.7	35.8	53.8
65	12.6	10.6	15.8





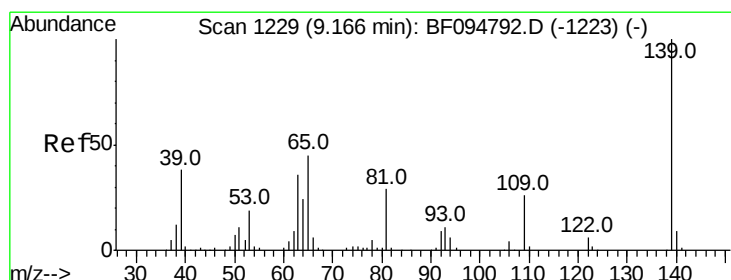
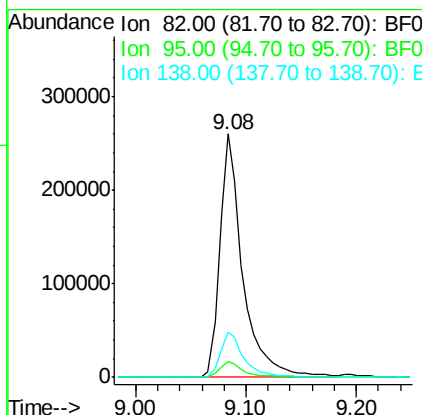
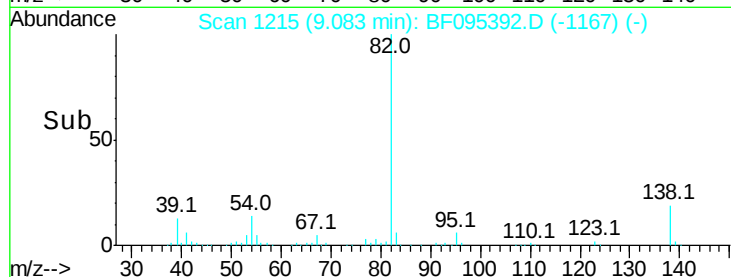
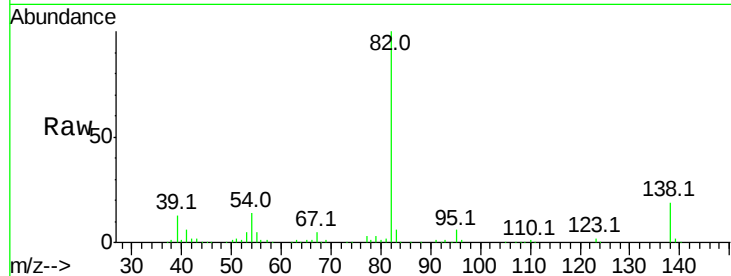
#25
Isophorone
Concen: 33.06 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	376235		
95	6.3		5.3	7.9
138	18.8		13.1	19.7

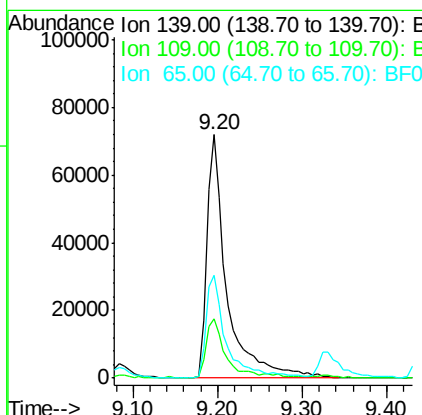
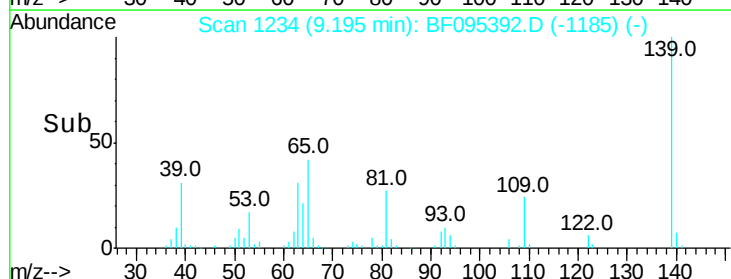
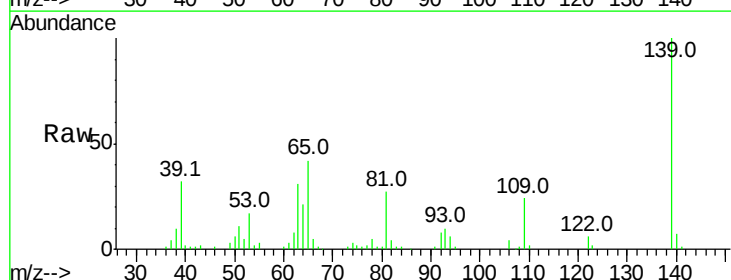
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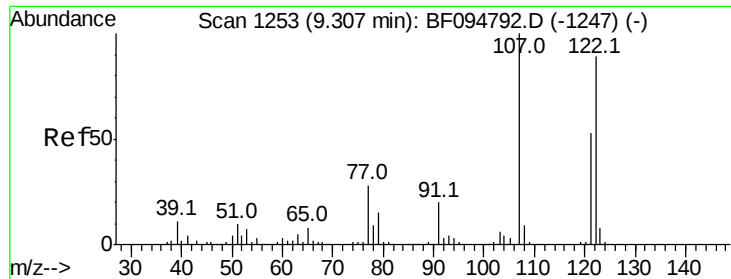
mohammad
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#26
2-Nitrophenol
Concen: 32.81 ng
RT: 9.20 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	118250		
109	24.4		21.0	31.6
65	42.3		33.0	49.6





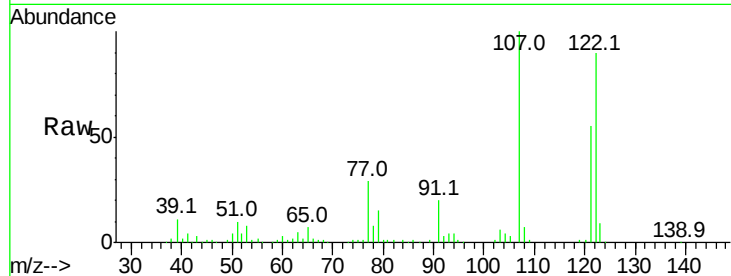
#27
 2,4-Dimethylphenol
 Concen: 29.15 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

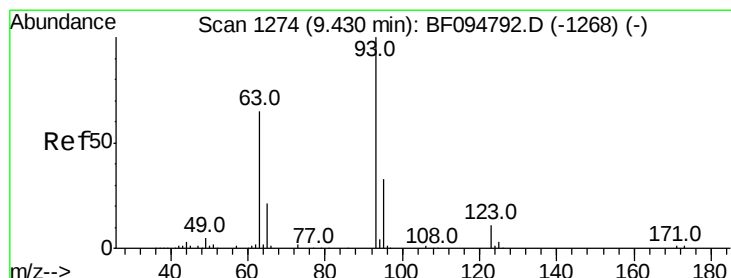
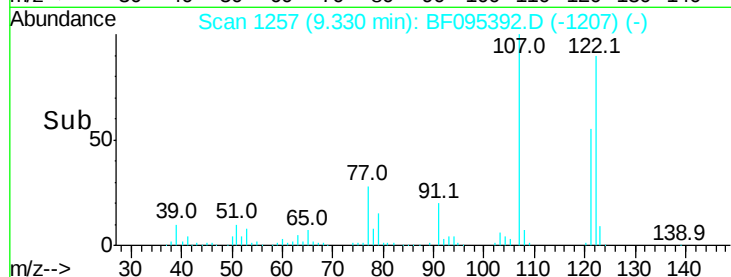
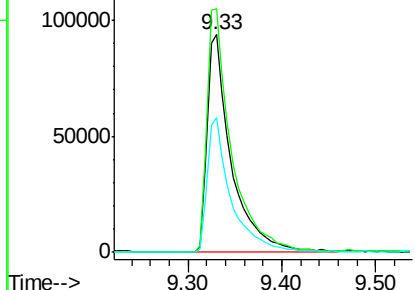
Tot Ion	Ratio	Resp	Lower	Upper
122	100	169894		
107	111.7	89.2	133.8	
121	61.7	45.2	67.8	

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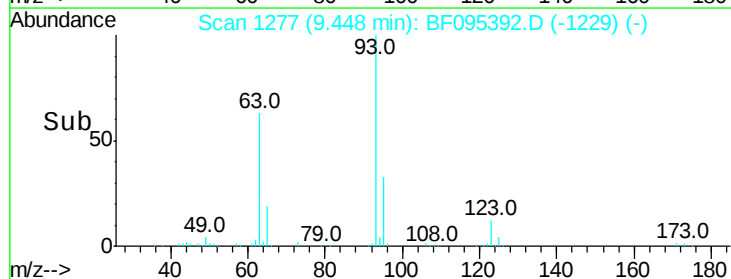
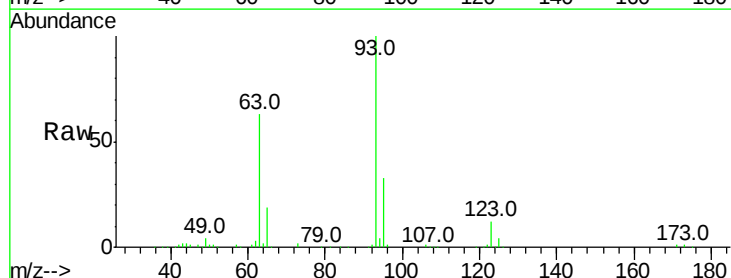
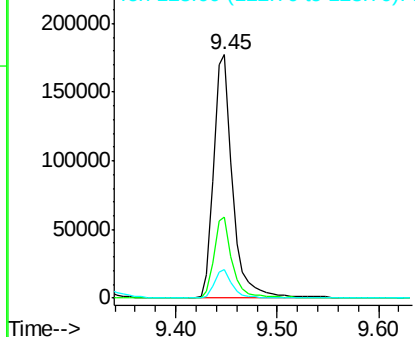
Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

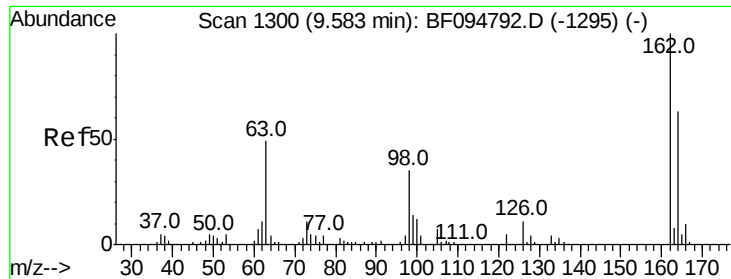


#28
 bis(2-Chloroethoxy)methane
 Concen: 29.24 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	230207		
95	33.4	26.5	39.7	
123	11.7	9.0	13.4	

Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





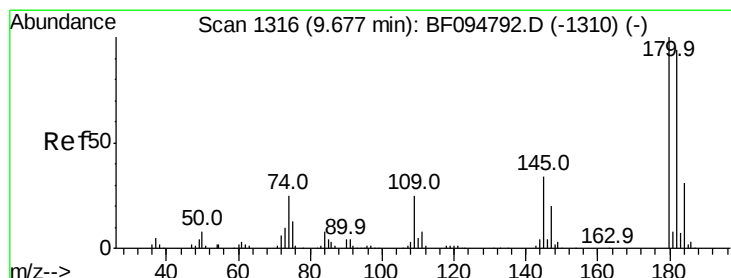
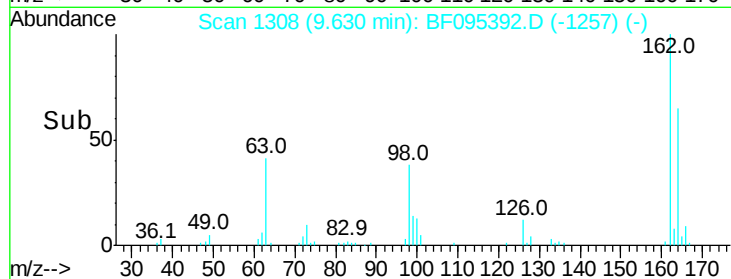
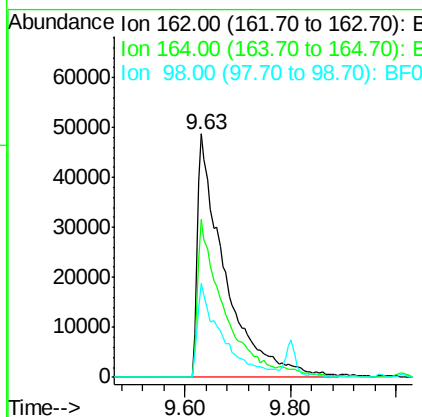
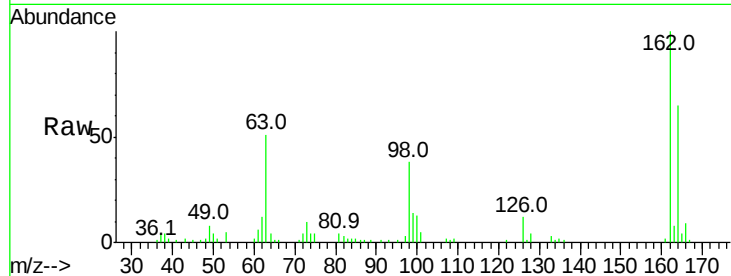
#29
 2,4-Dichlorophenol
 Concen: 32.12 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	44.6	84.6
98	38.4	14.8	54.8

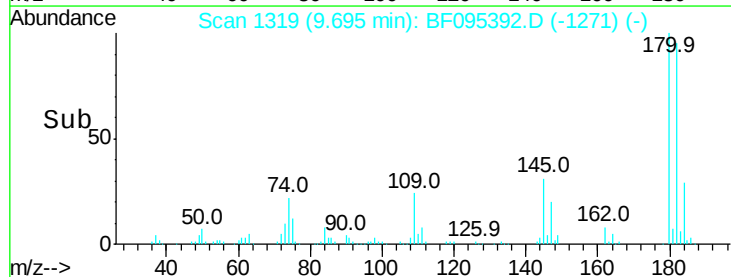
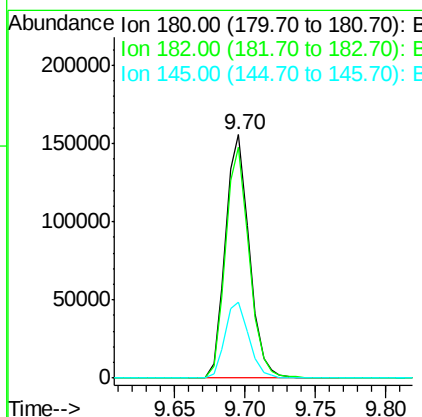
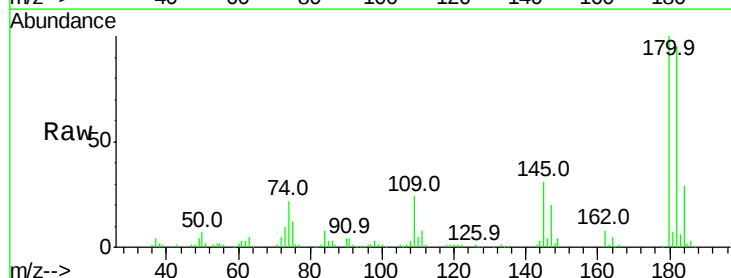
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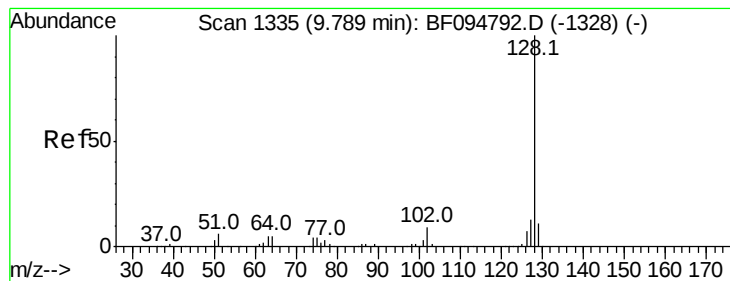
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.06 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	75.8	113.6
145	31.2	25.3	37.9





#31

Naphthalene

Concen: 31.88 ng

RT: 9.80 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

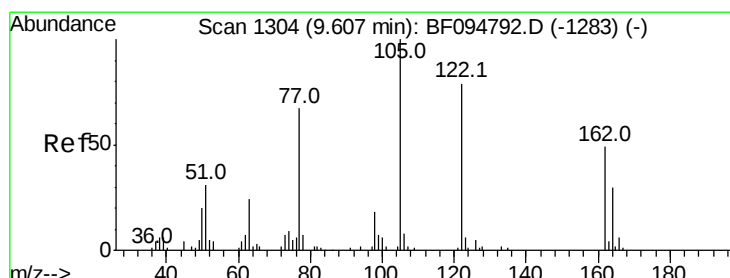
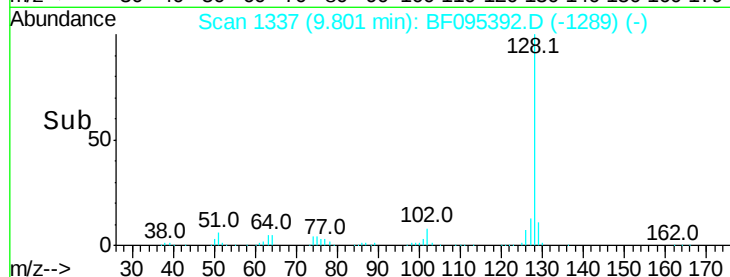
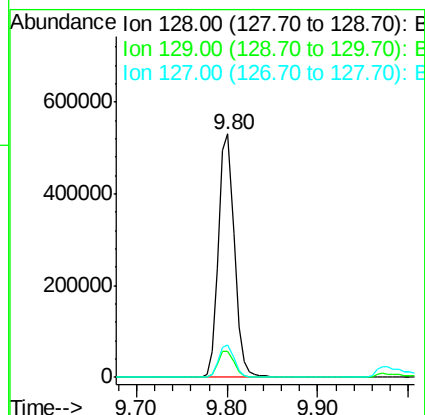
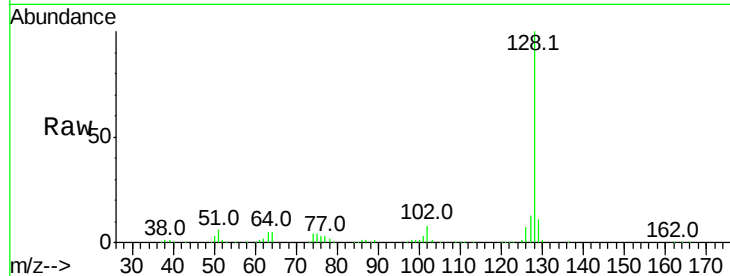
ClientSampleId :

R1-TP-3-D34MSD

Tot Ion:128	Resp:	643917
Ion Ratio	Lower	Upper
128	100	
129	10.9	9.0 13.6
127	13.4	10.8 16.2

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#32

Benzoic acid

Concen: 6.41 ng

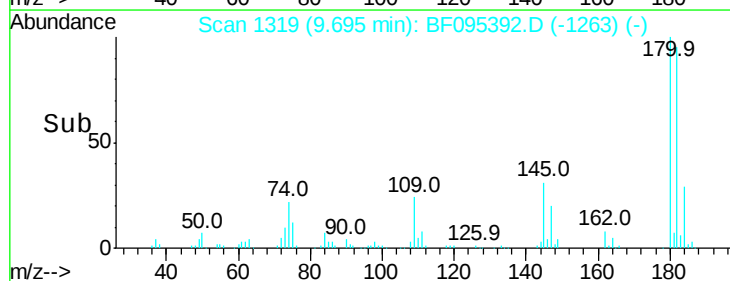
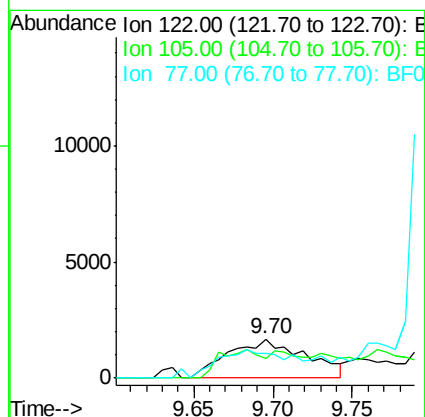
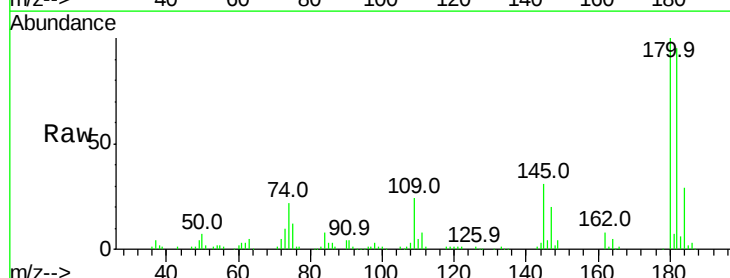
RT: 9.70 min Scan# 1319

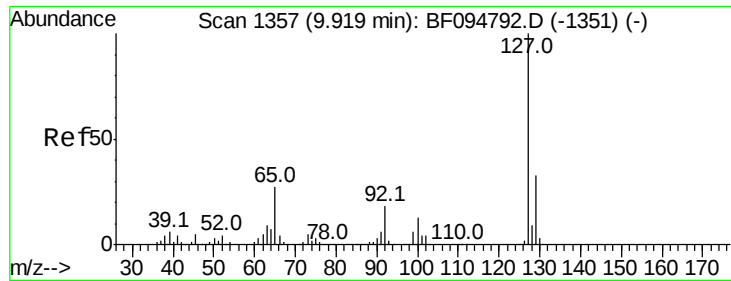
Delta R.T. 0.03 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion:122	Resp:	5698
Ion Ratio	Lower	Upper
122	100	
105	48.3	103.3 143.3#
77	64.2	73.7 113.7#





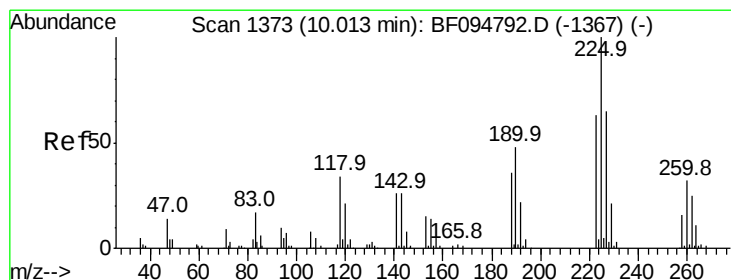
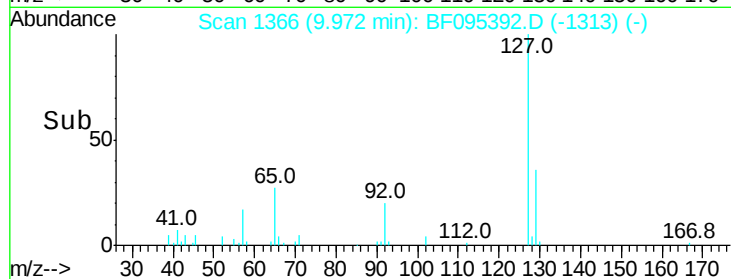
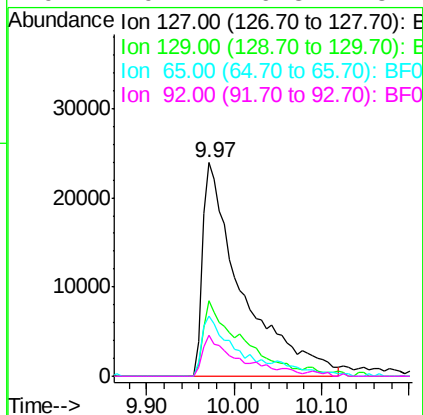
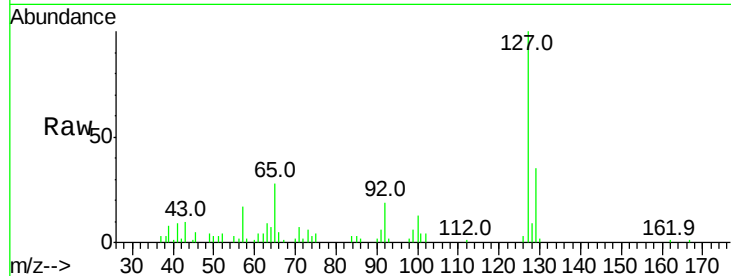
#33
4-Chloroaniline
Concen: 9.94 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion:	127	Resp:	74803
Ion Ratio	Lower	Upper	
127	100		
129	35.1	26.2	39.2
65	27.9	27.8	41.8
92	19.4	16.8	25.2

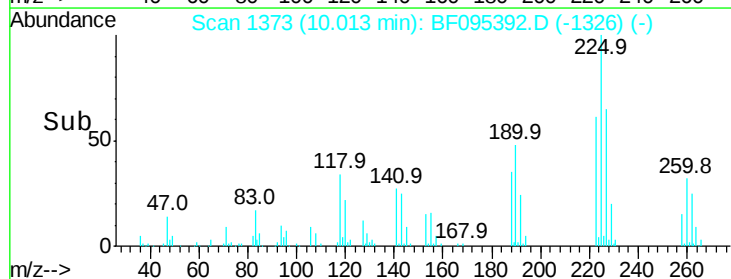
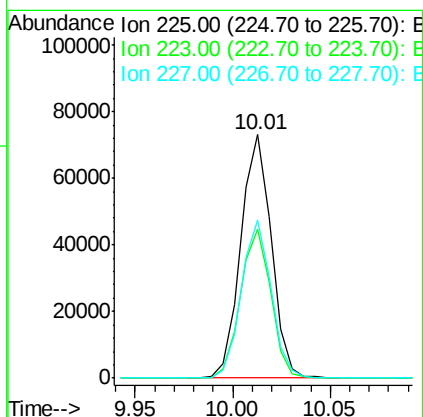
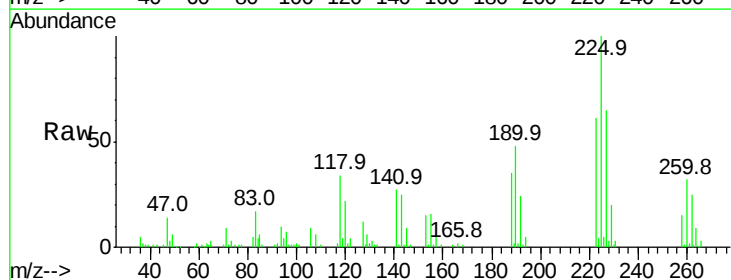
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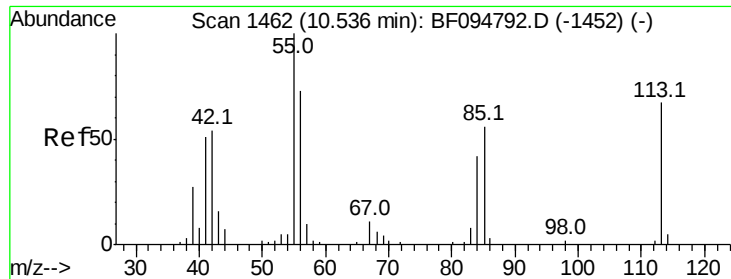
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#34
Hexachlorobutadiene
Concen: 25.52 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion:	225	Resp:	79373
Ion Ratio	Lower	Upper	
225	100		
223	61.1	48.8	73.2
227	65.1	51.1	76.7





#35

Caprolactam

Concen: 31.47 ng/mL

RT: 10.57 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampled :

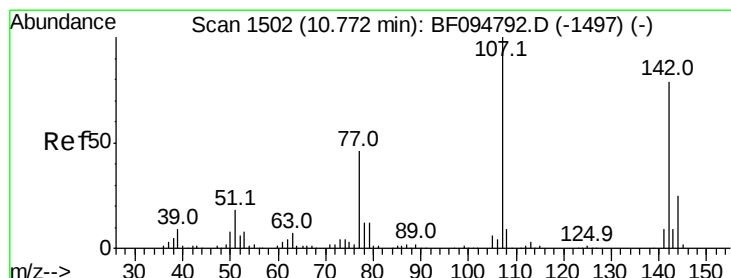
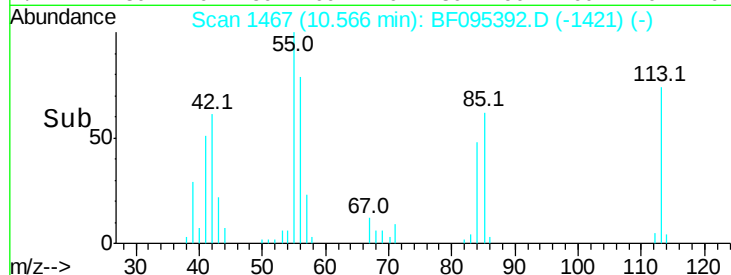
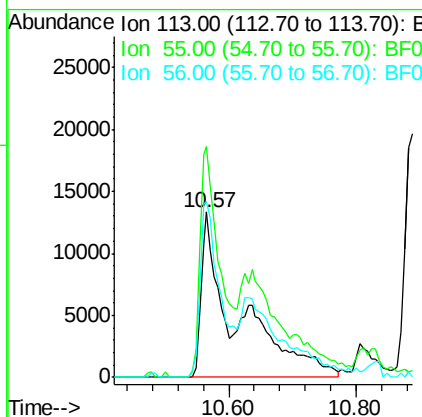
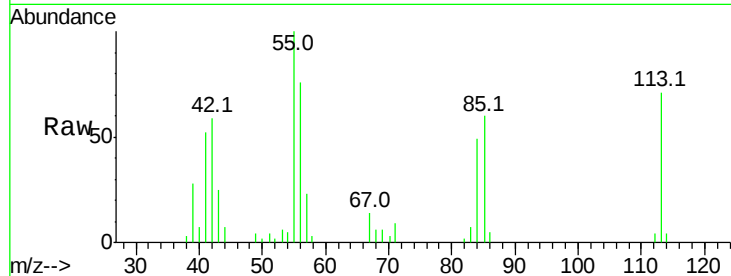
R1-TP-3-D34MSD

Tot Ion:113 Resp: 51993

Ion	Ratio	Lower	Upper
113	100		
55	140.2	150.2	190.2#
56	106.9	107.8	147.8#

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#36

4-Chloro-3-methylphenol

Concen: 29.27 ng/mL

RT: 10.81 min Scan# 1508

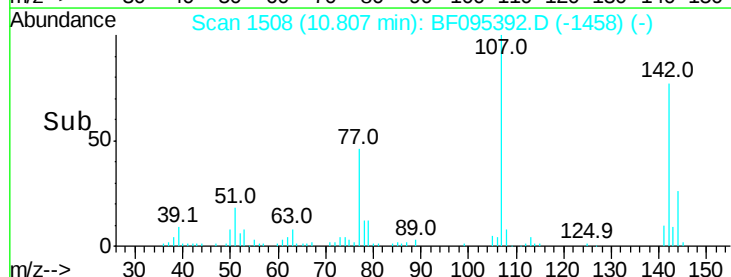
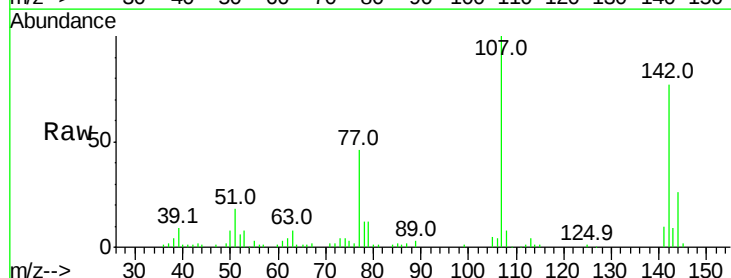
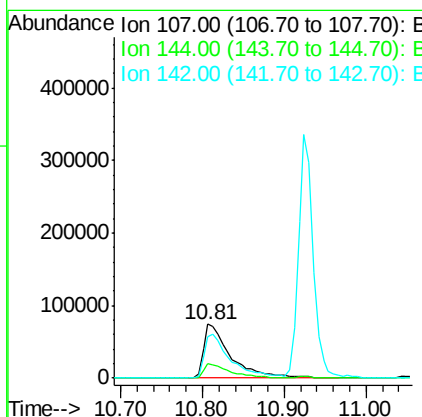
Delta R.T. -0.01 min

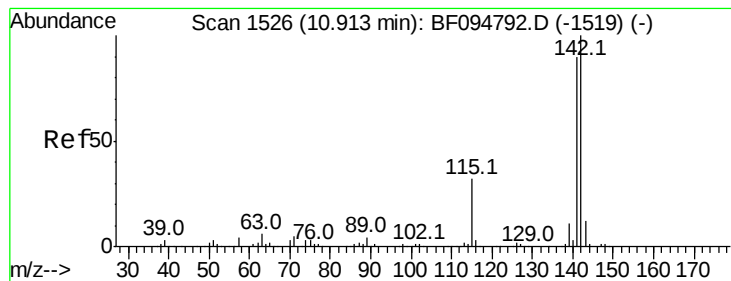
Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion:107 Resp: 172223

Ion	Ratio	Lower	Upper
107	100		
144	26.3	24.2	36.4
142	77.4	73.4	110.0





#37

2-Methylnaphthalene

Concen: 31.69 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

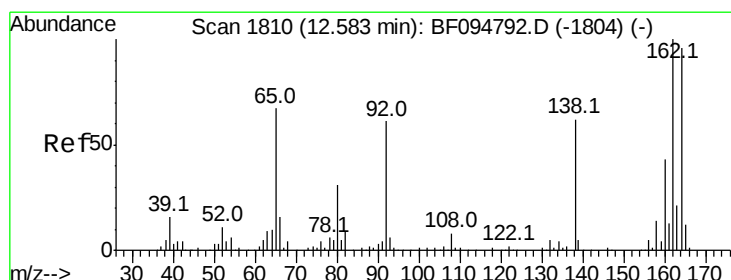
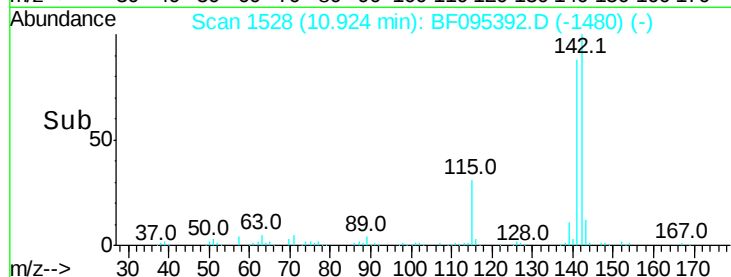
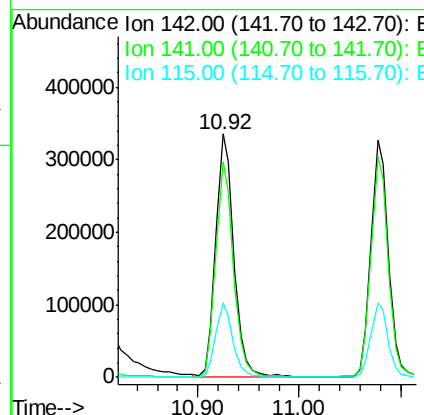
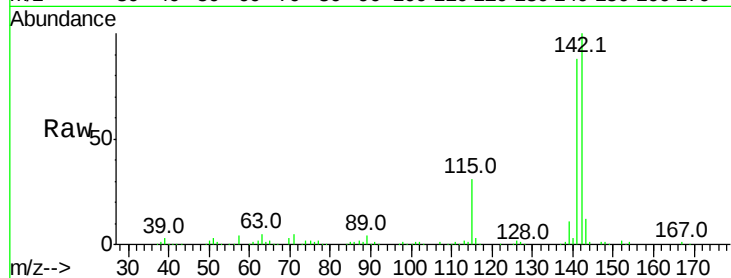
ClientSampleId :

R1-TP-3-D34MSD

Tot Ion:	142	Resp:	420060
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.3	106.9
115	30.6	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

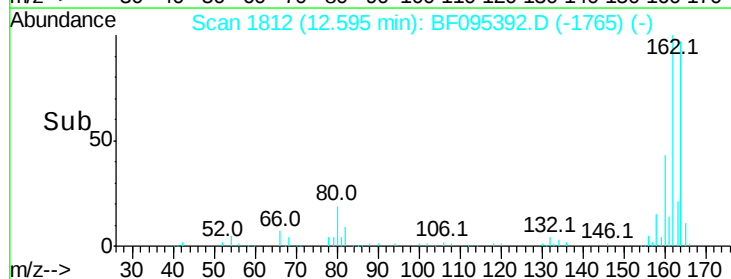
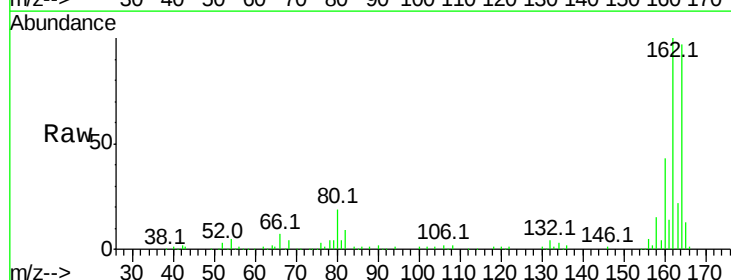
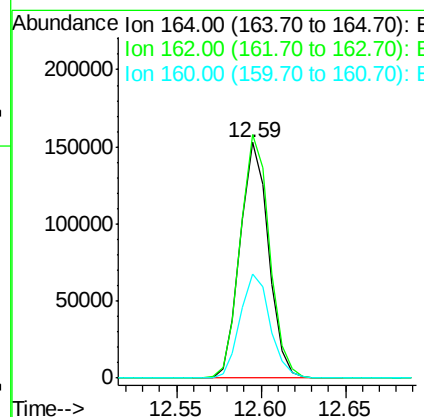
RT: 12.59 min Scan# 1812

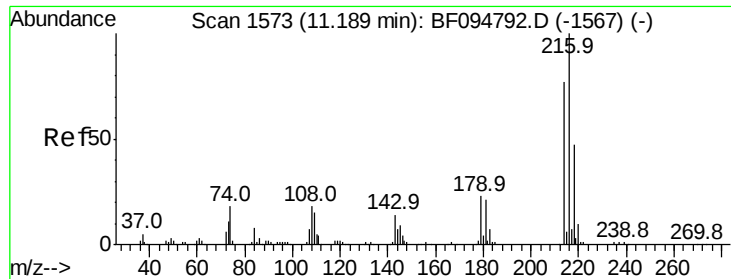
Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion:	164	Resp:	180000
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.6	123.8
160	44.2	36.2	54.2





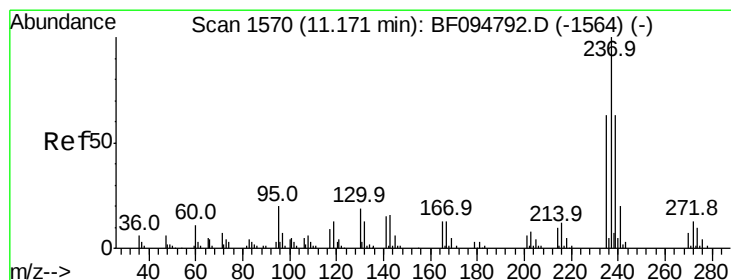
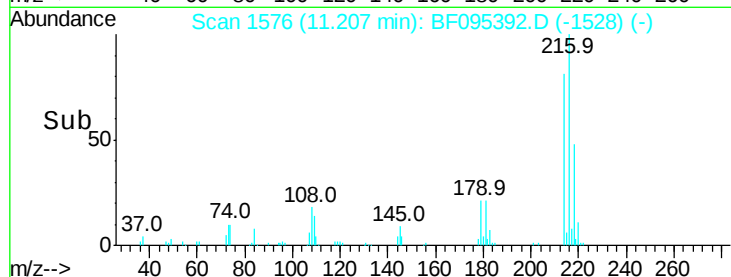
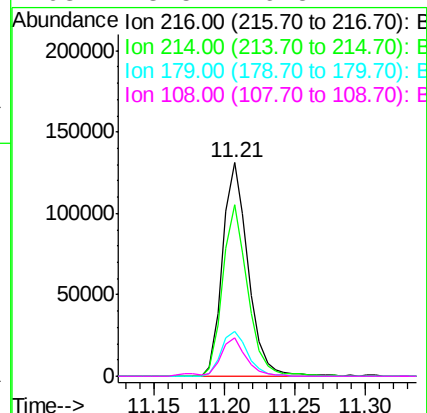
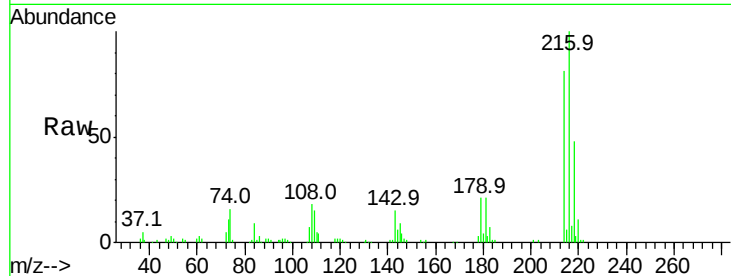
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.78 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	164825		
214	78.8	63.4	95.2	
179	21.8	17.9	26.9	
108	18.5	16.5	24.7	

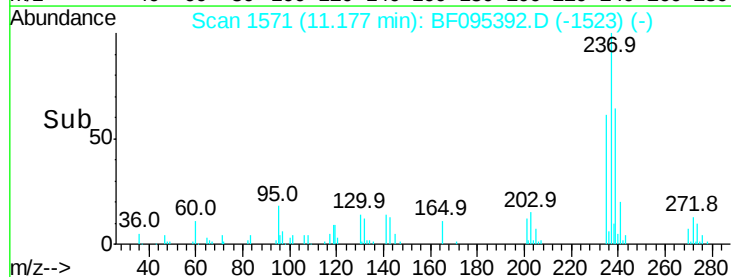
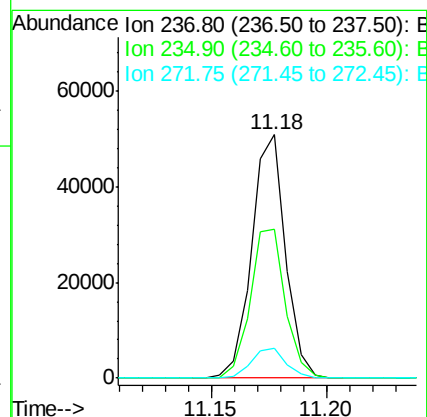
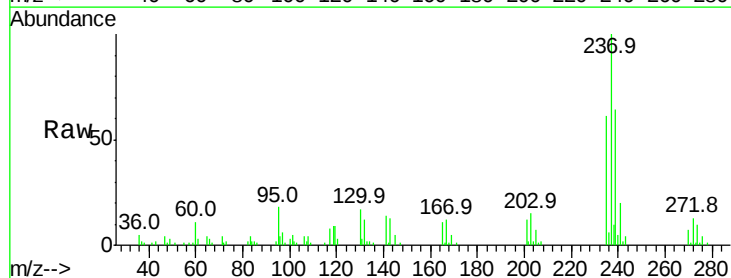
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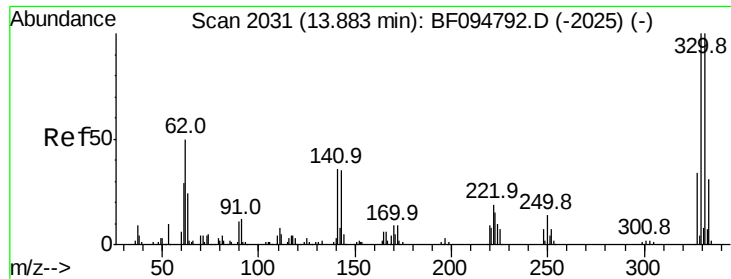
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#40
 Hexachlorocyclopentadiene
 Concen: 26.68 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	51933		
235	61.1	42.6	82.6	
272	12.5	0.0	31.9	





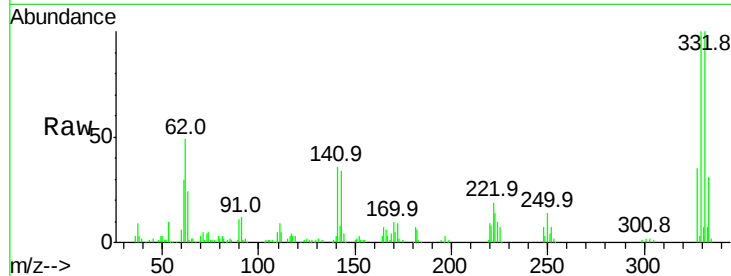
#41
 2,4,6-Tribromophenol
 Concen: 95.69 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

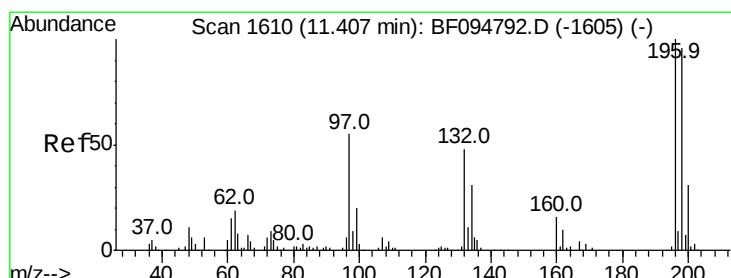
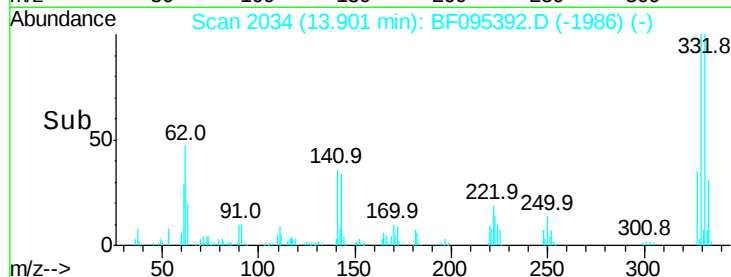
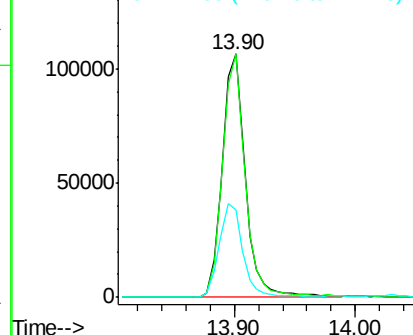
Tot Ion	Ratio	Resp	Lower	Upper
330	100	141063		
332	97.3	76.6	115.0	
141	39.6	31.4	47.2	

Manual Integrations
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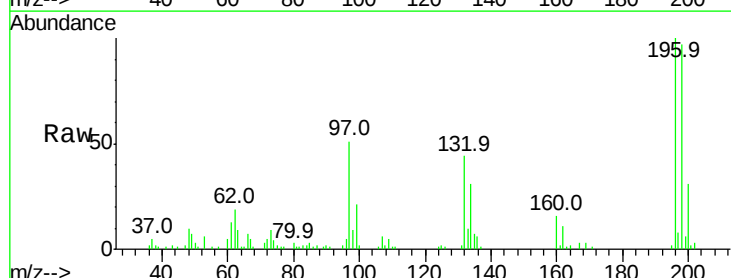


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

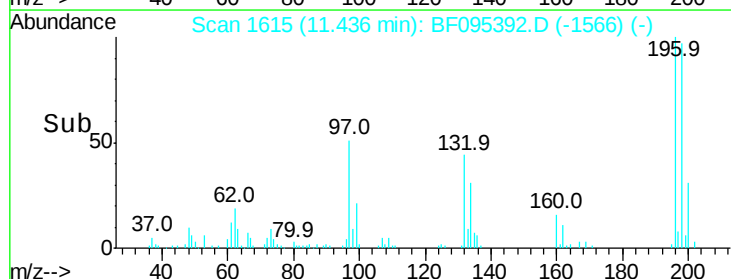
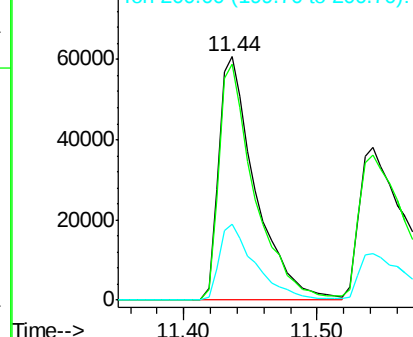


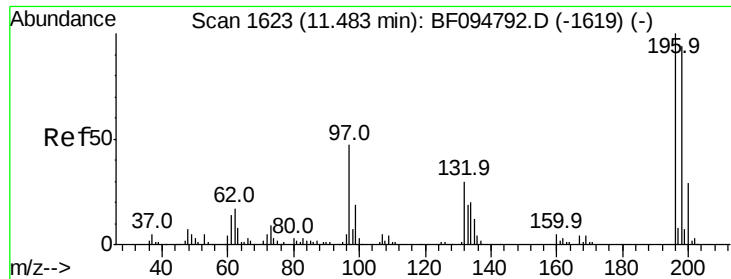
#42
 2,4,6-Trichlorophenol
 Concen: 31.63 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116891		
198	96.9	74.2	111.4	
200	31.2	24.0	36.0	



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





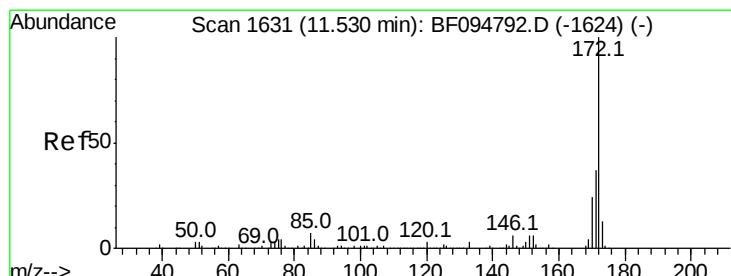
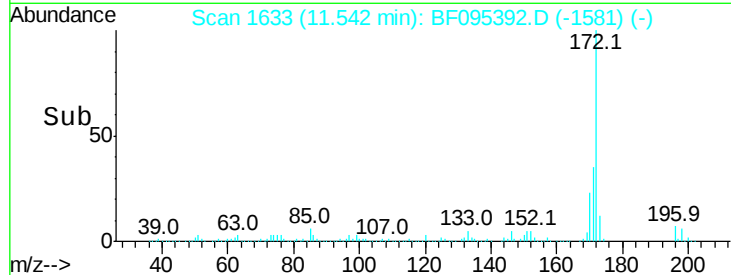
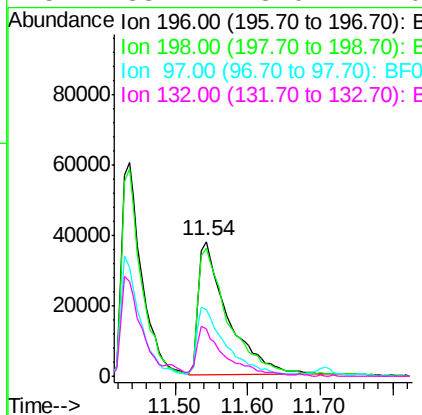
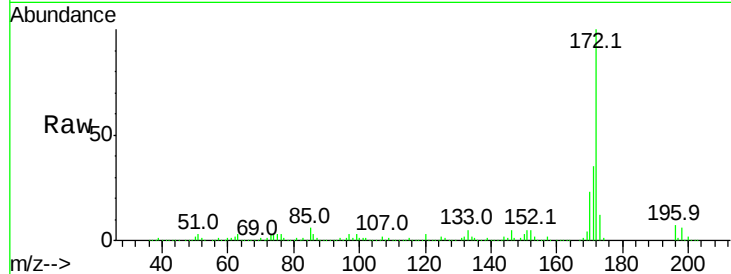
#43
 2,4,5-Trichlorophenol
 Concen: 27.07 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107538		
198	94.9	75.7	113.5	
97	49.8	47.7	71.5	
132	35.2	28.0	42.0	

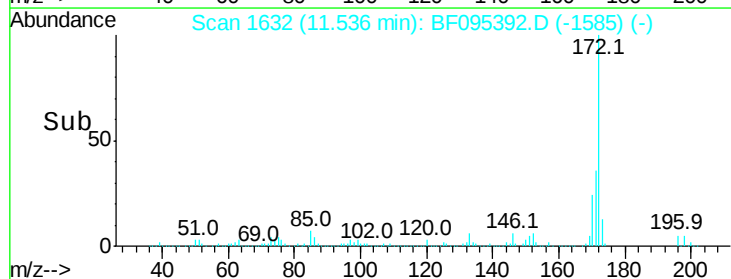
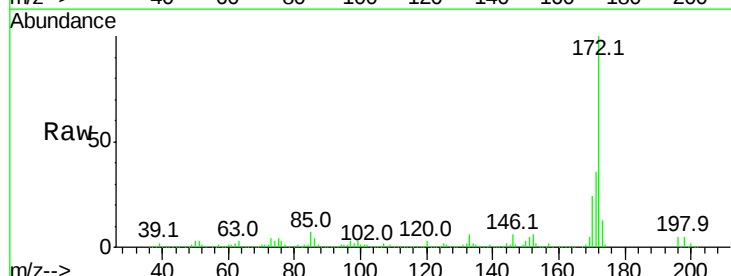
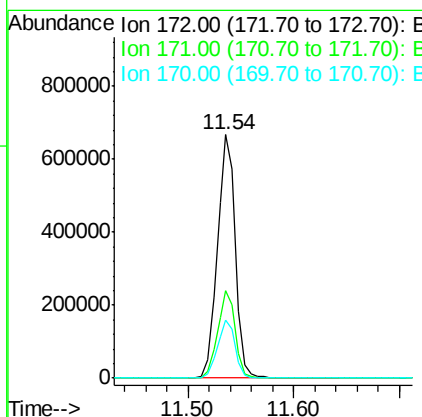
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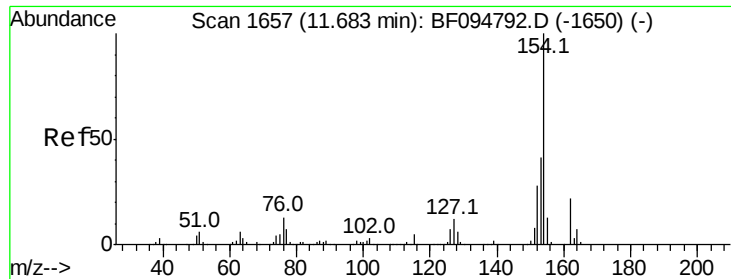
mohammad
 5/25/2017 6:00:03 PM



#44
 2-Fluorobiphenyl
 Concen: 63.59 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	795212		
171	36.0	29.6	44.4	
170	23.6	19.8	29.8	





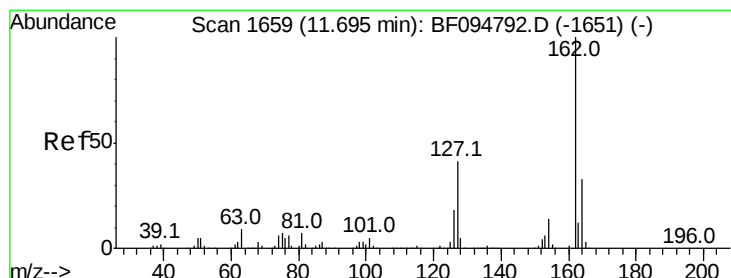
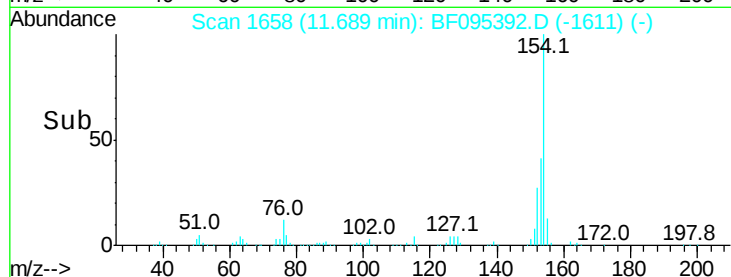
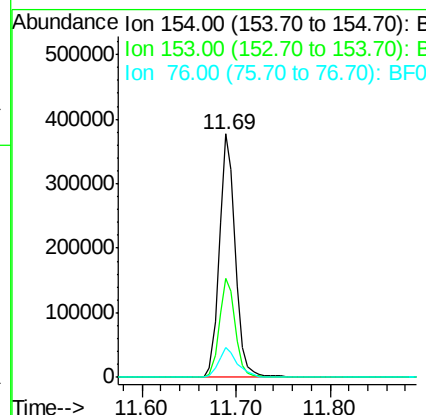
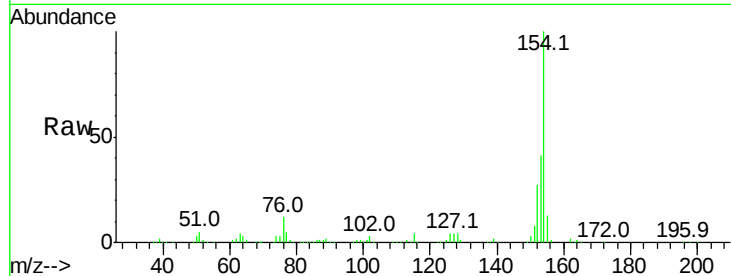
#45
 1,1'-Biphenyl
 Concen: 29.75 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.1	0.0	29.9

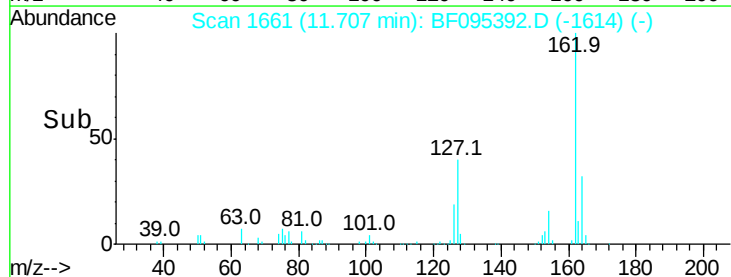
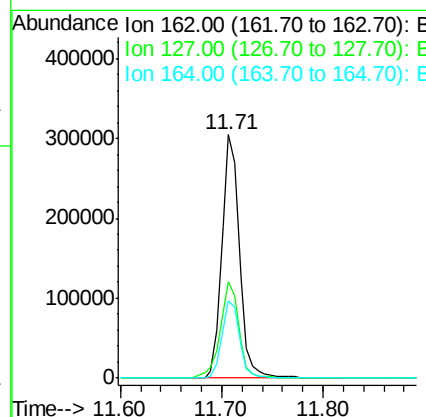
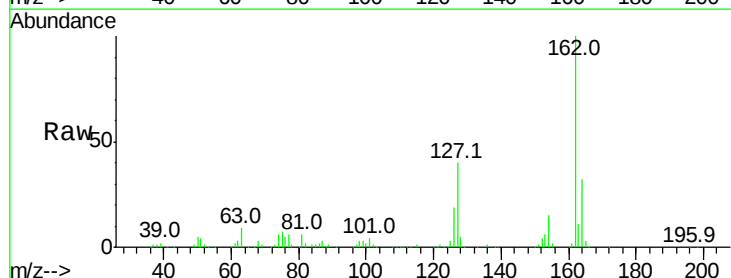
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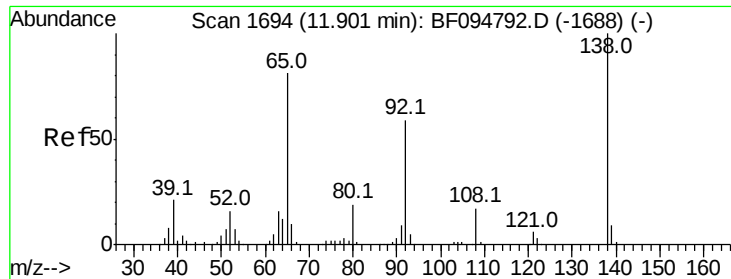
mohammad
 5/25/2017 6:00:03 PM



#46
 2-Chloronaphthalene
 Concen: 30.07 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	28.3	42.5
164	31.9	27.0	40.4





#47

2-Nitroaniline

Concen: 30.16 ng

RT: 11.94 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

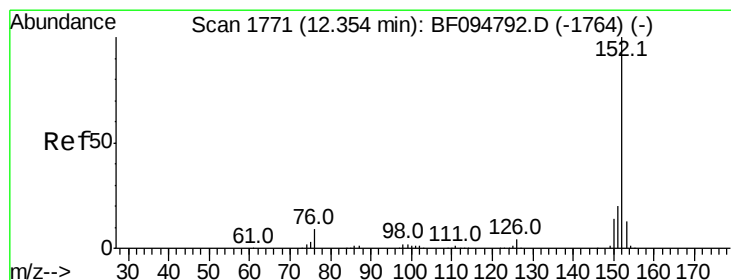
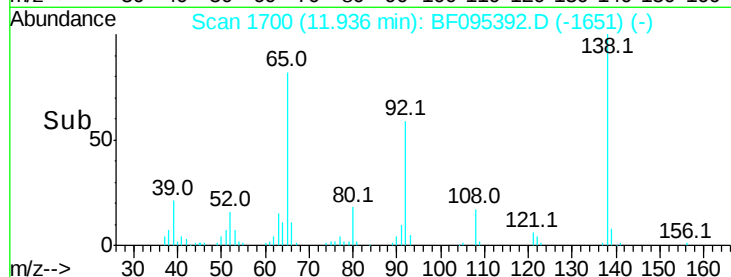
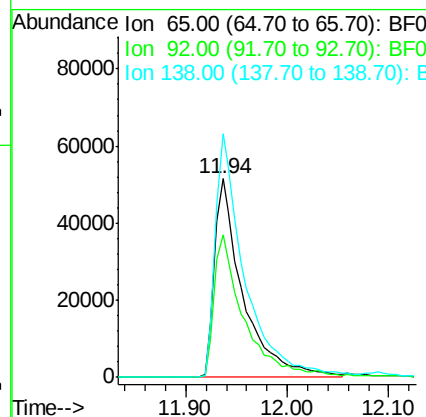
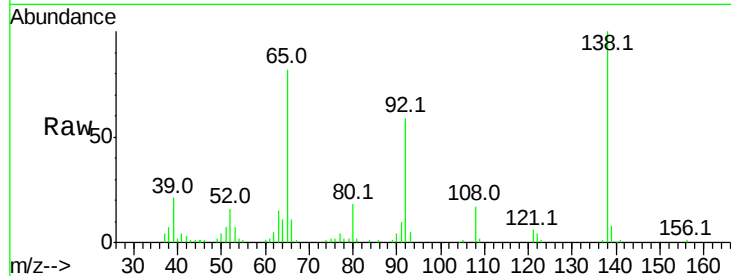
ClientSampleId :

R1-TP-3-D34MSD

Tot Ion:	65	Resp:	101016
Ion Ratio	Lower	Upper	
65	100		
92	72.1	53.9	80.9
138	122.7	78.8	118.2

Manual Integrations
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#48

Acenaphthylene

Concen: 30.75 ng

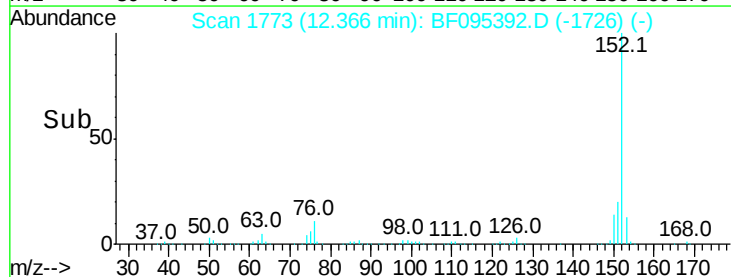
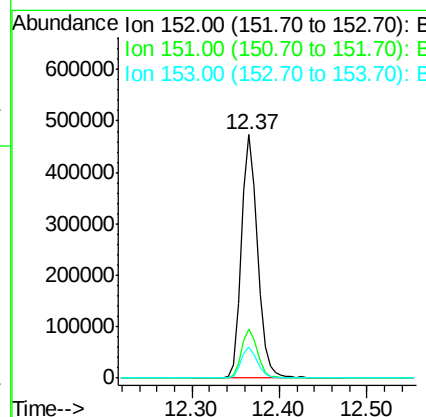
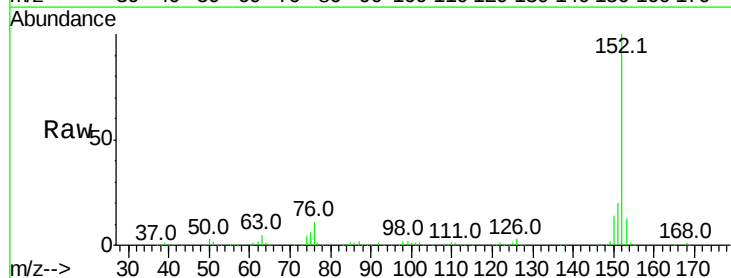
RT: 12.37 min Scan# 1773

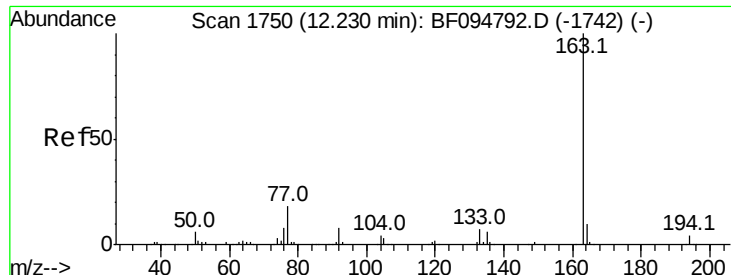
Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion:	152	Resp:	589381
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.8	25.2
153	13.0	10.8	16.2





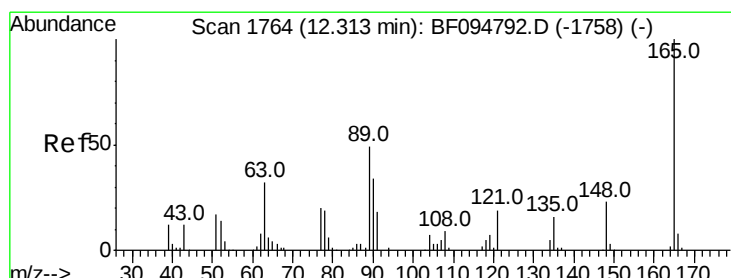
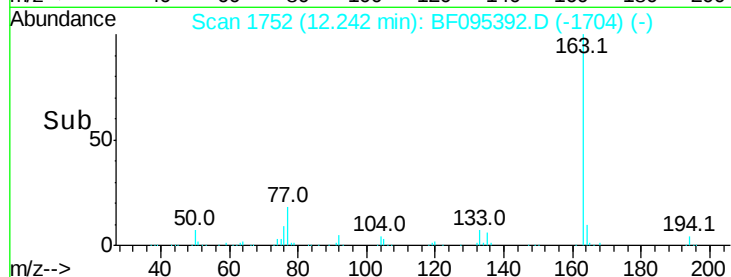
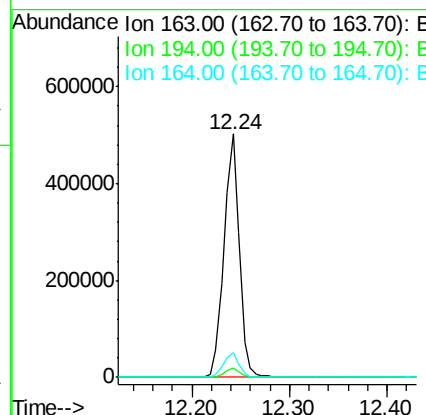
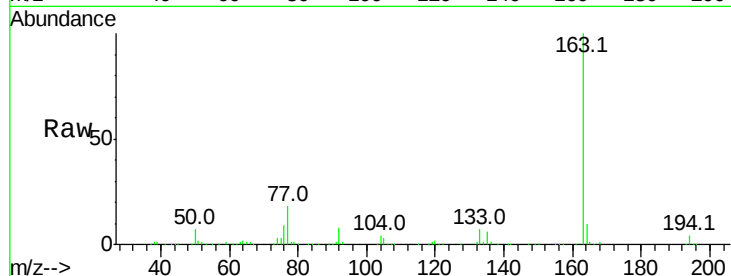
#49
Dimethylphthalate
Concen: 37.06 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.6	4.0	
164	9.9	8.4	12.6	

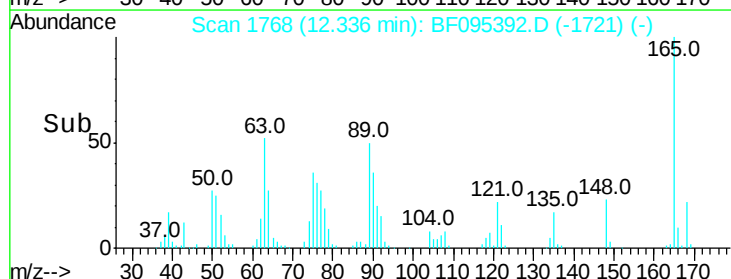
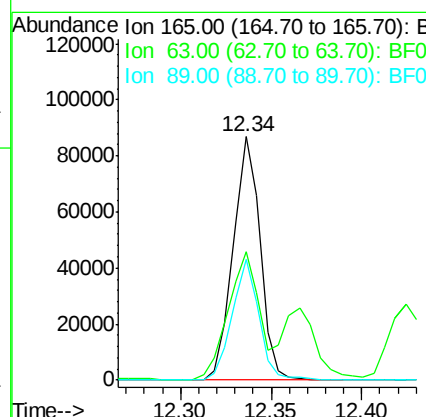
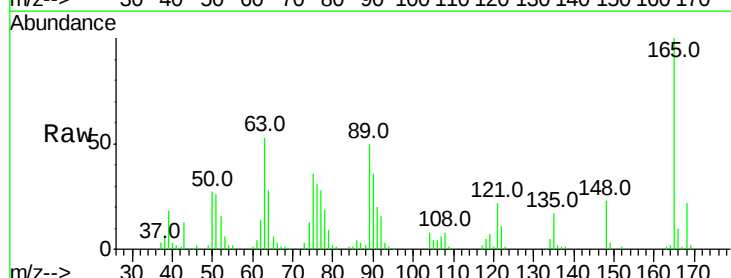
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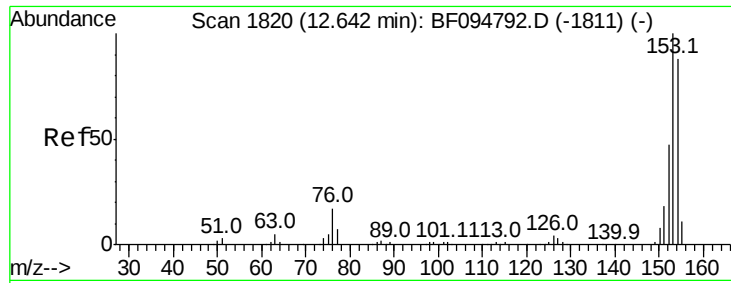
mohammad
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#50
2,6-Dinitrotoluene
Concen: 29.95 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.8	34.3	51.5#	
89	49.5	37.1	55.7	





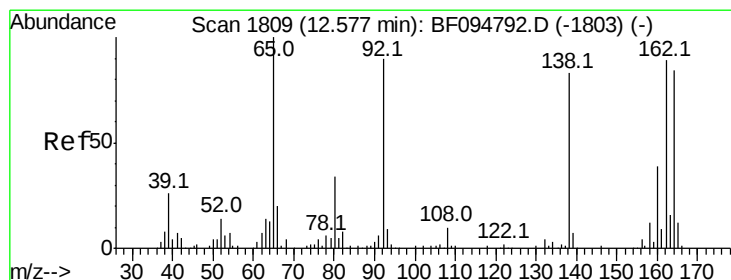
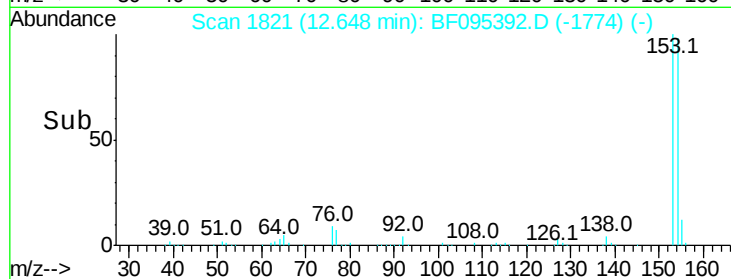
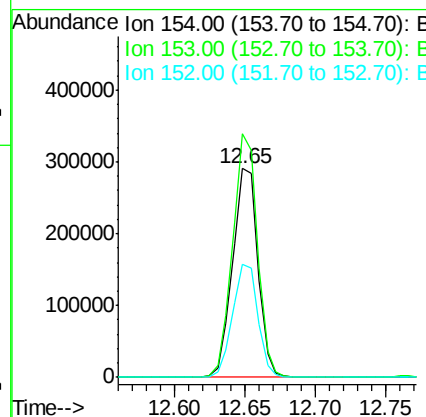
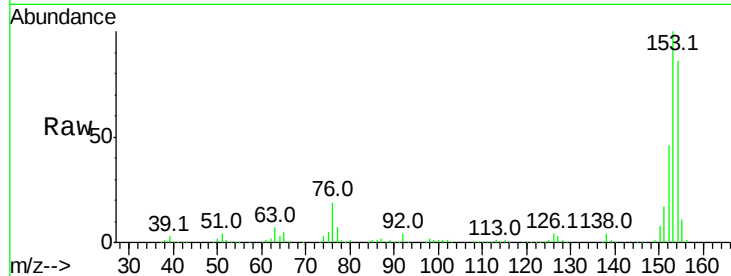
#51
Acenaphthene
Concen: 31.75 ng
RT: 12.65 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.5	90.5	135.7
152	53.9	43.6	65.4

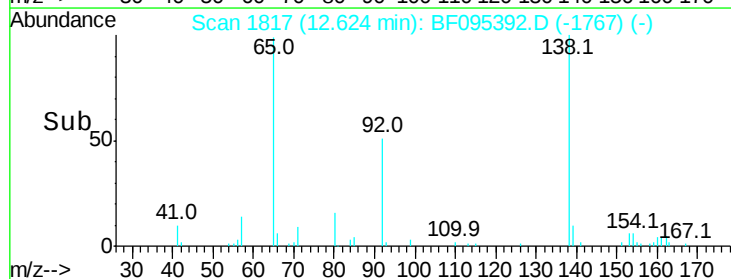
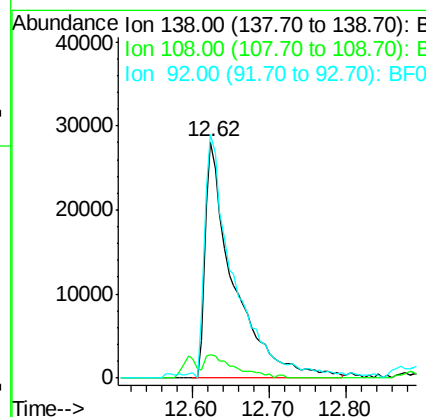
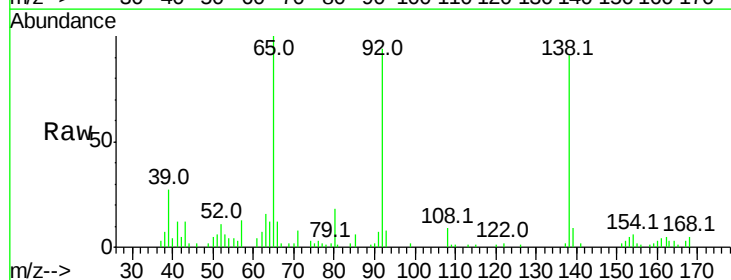
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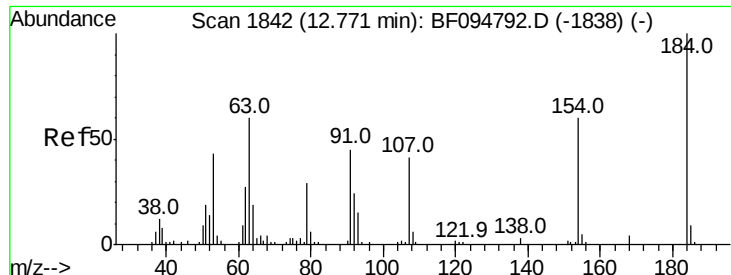
mohammad
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#52
3-Nitroaniline
Concen: 22.19 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	103.1	93.8	140.6





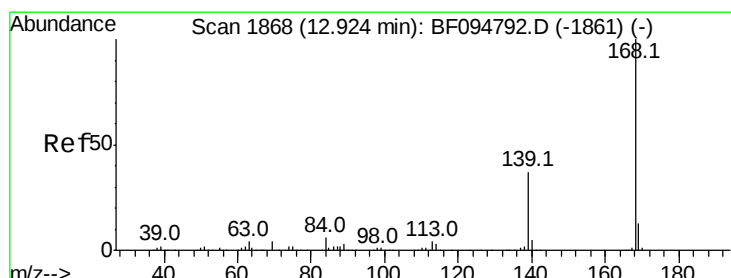
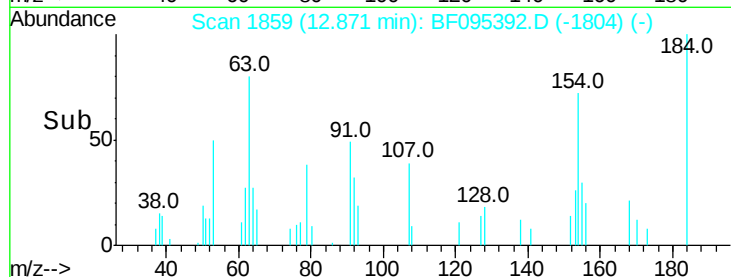
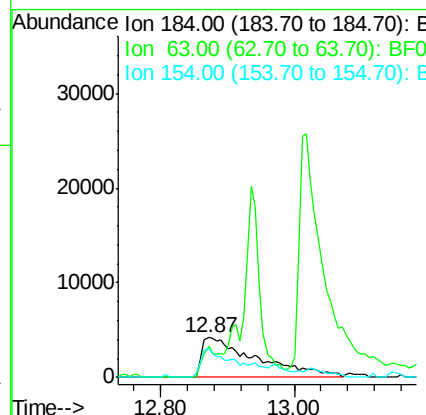
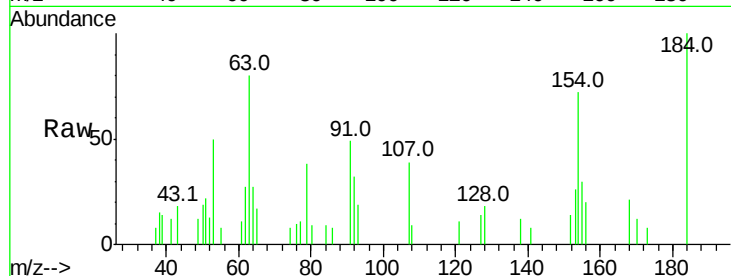
#53
 2,4-Dinitrophenol
 Concen: 19.52 ng
 RT: 12.87 min Scan# 1859
 Delta R.T. 0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.7	62.7	94.1
154	71.5	81.1	121.7#

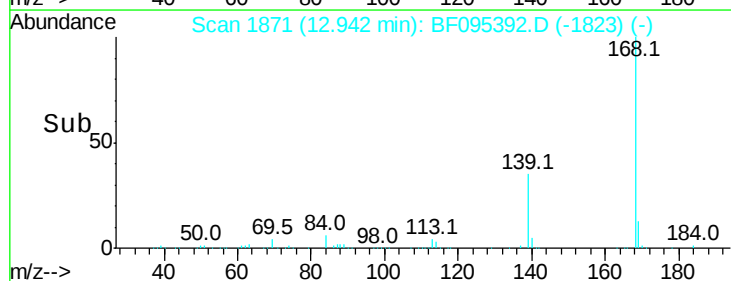
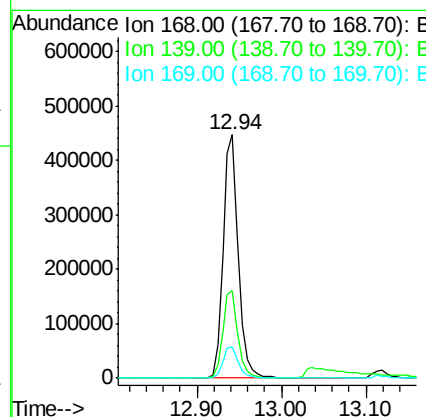
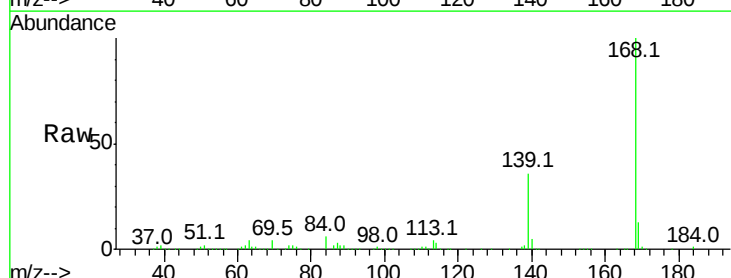
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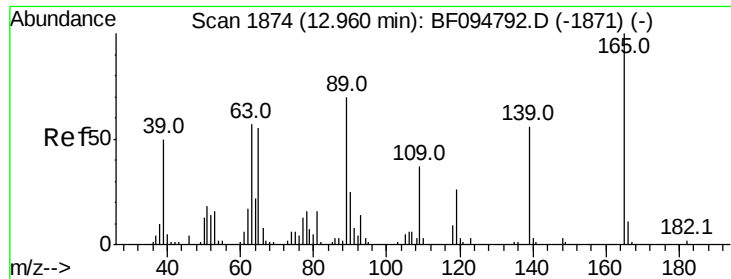
mohammad
 5/25/2017 6:00:03 PM



#54
 Dibenzofuran
 Concen: 35.37 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.6	45.8
169	13.0	10.8	16.2





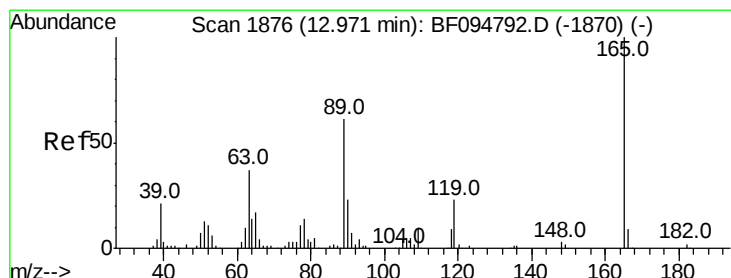
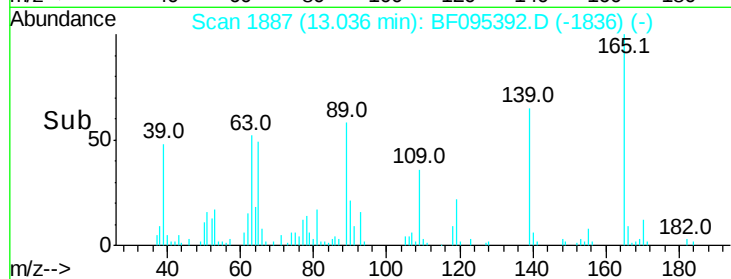
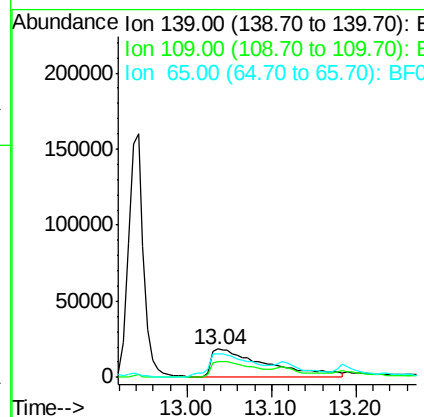
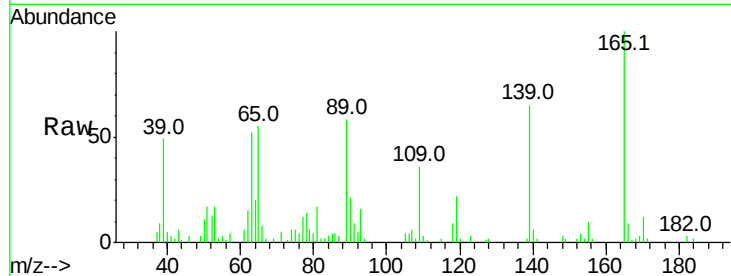
#55
4-Nitrophenol
Concen: 42.51 ng
RT: 13.04 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.4	34.1	74.1	
65	84.4	31.4	71.4	

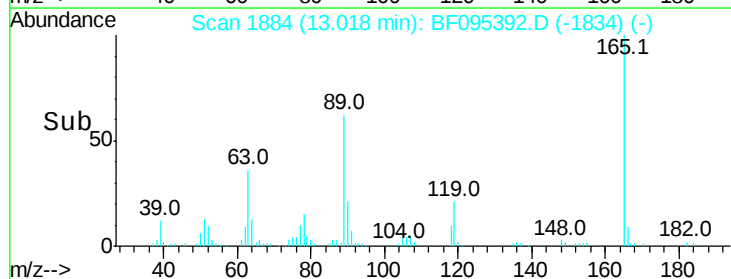
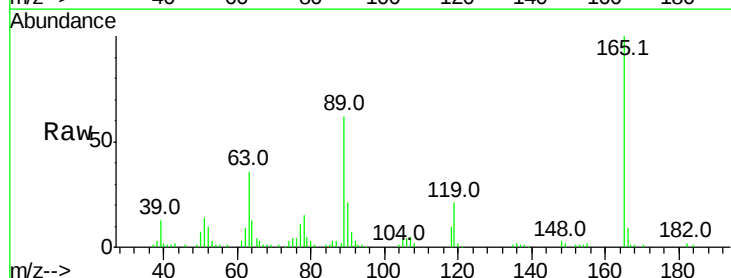
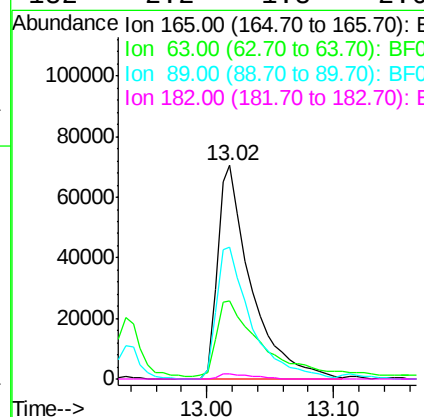
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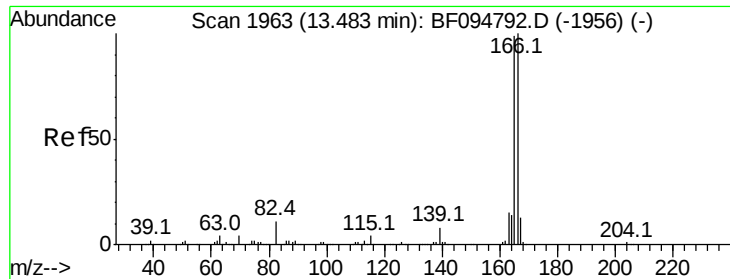
mohammad
5/25/2017 6:00:03 PM



#56
2,4-Dinitrotoluene
Concen: 33.65 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.5	25.4	38.0	
89	61.8	46.4	69.6	
182	2.2	1.8	2.6	





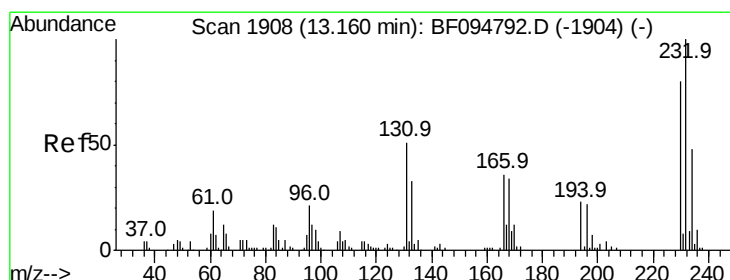
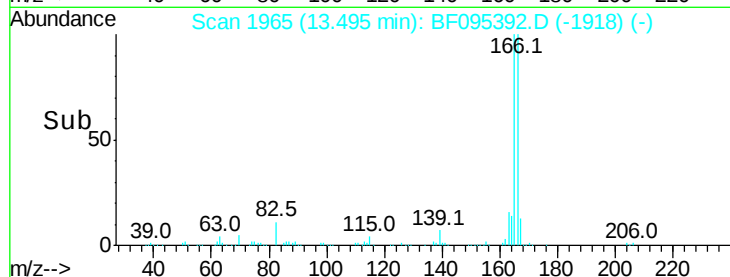
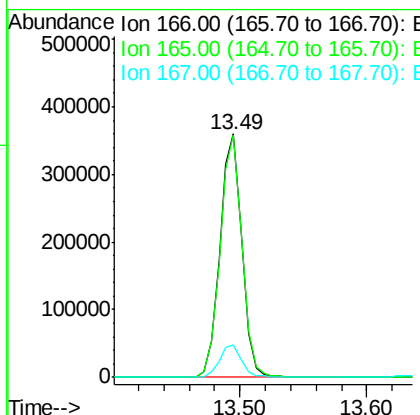
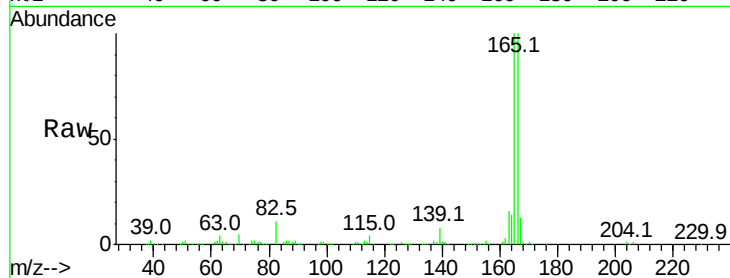
#57
Fluorene
 Concen: 31.35 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.8	118.2
167	13.3	10.6	16.0

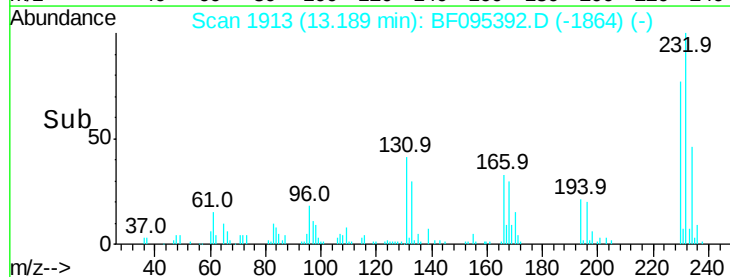
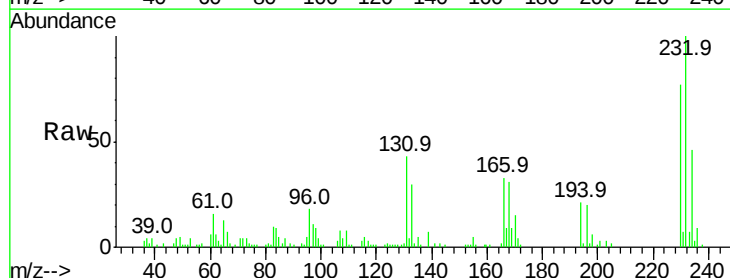
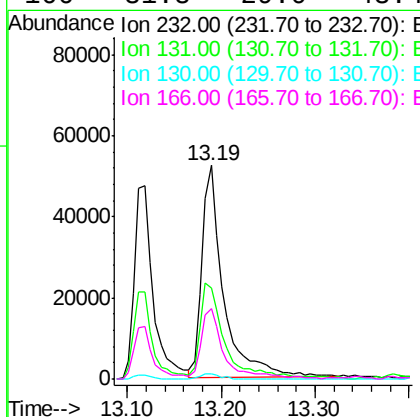
Manual Integrations
 APPROVED

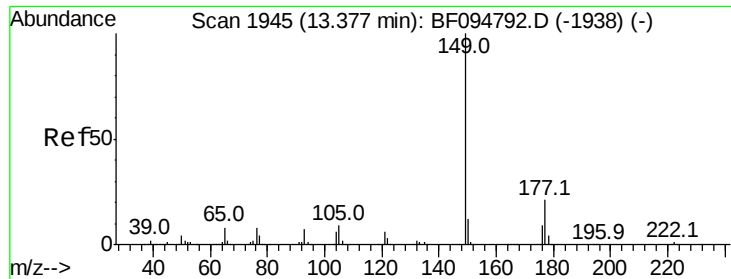
mohammad
 5/25/2017 6:00:03 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.52 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.4	44.8	67.2
130	2.2	2.3	3.5#
166	31.8	29.0	43.4





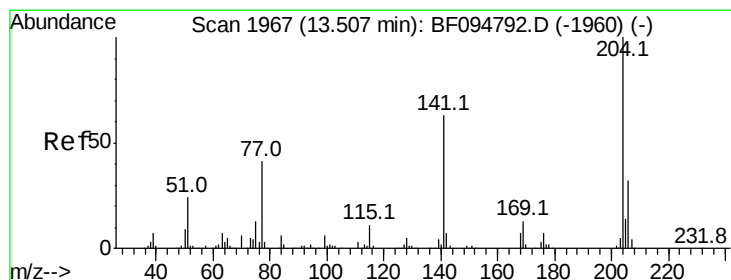
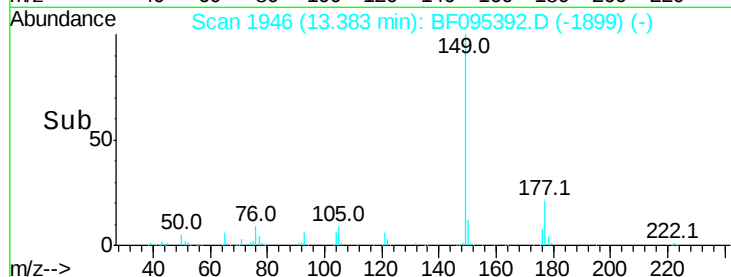
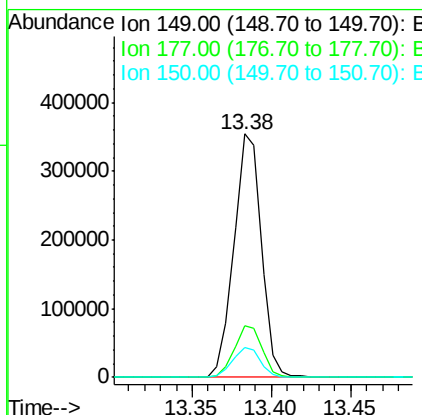
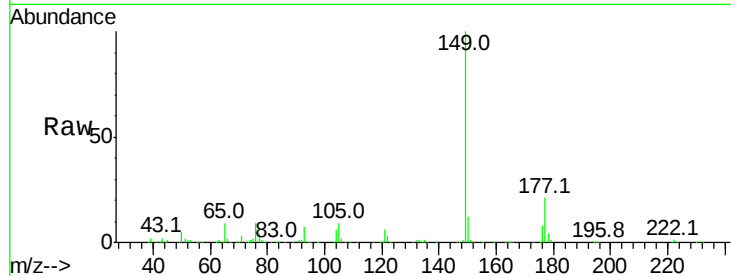
#59
Diethylphthalate
Concen: 30.01 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	425082		
177	21.1	16.7	25.1	
150	12.4	10.2	15.2	

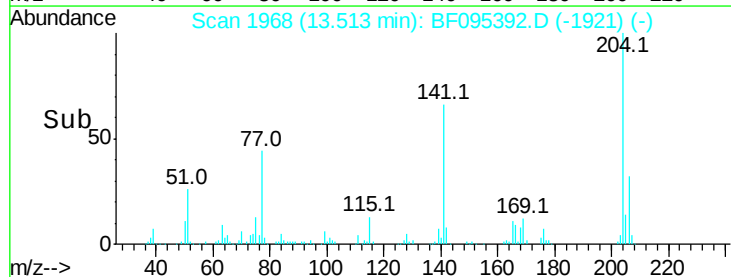
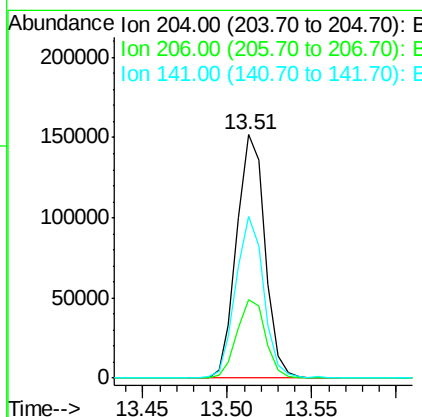
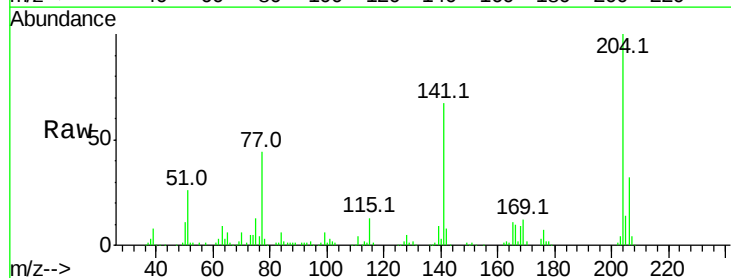
Manual Integrations
APPROVED

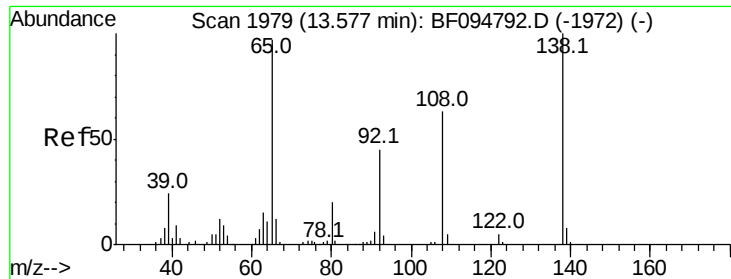
mohammad
5/25/2017 6:00:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 29.45 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	178302		
206	32.1	26.2	39.2	
141	66.6	60.8	91.2	





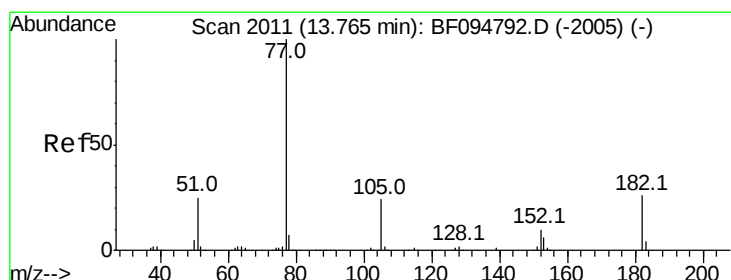
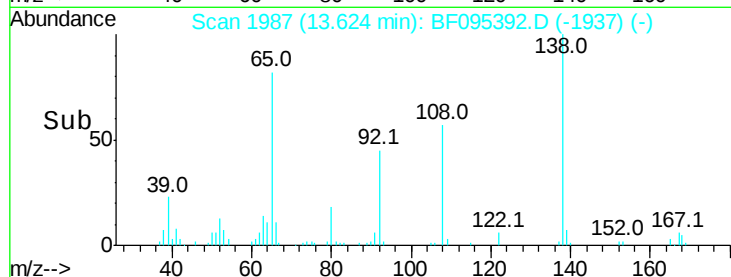
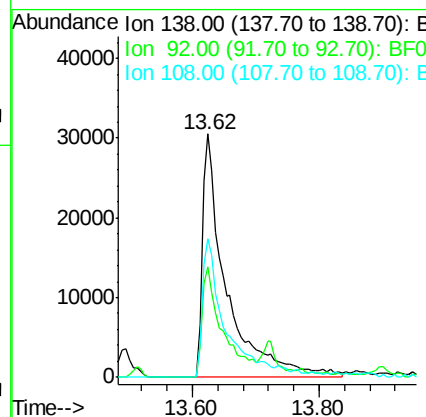
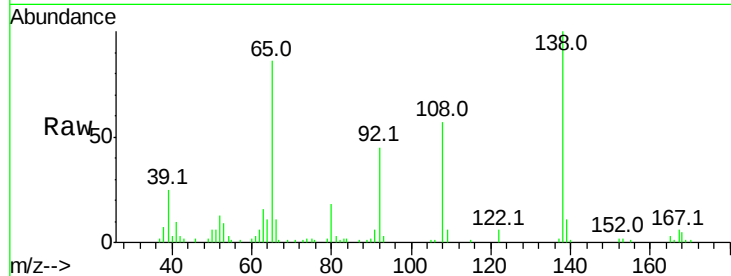
#61
4-Nitroaniline
Concen: 26.57 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.3	21.8	61.8
108	56.8	42.3	82.3

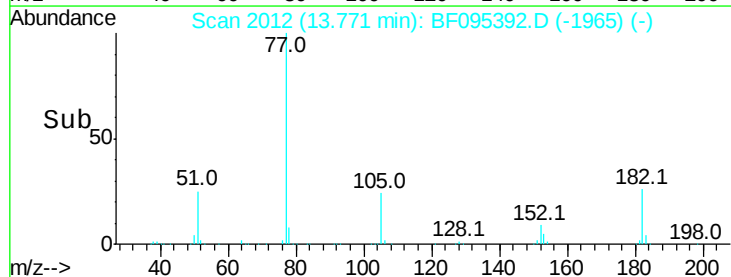
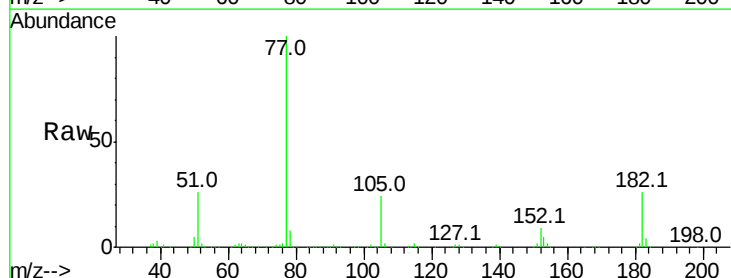
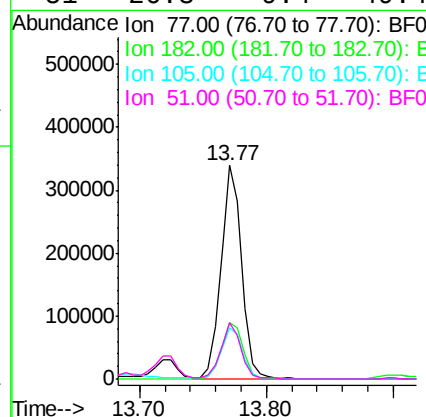
Manual Integrations
APPROVED

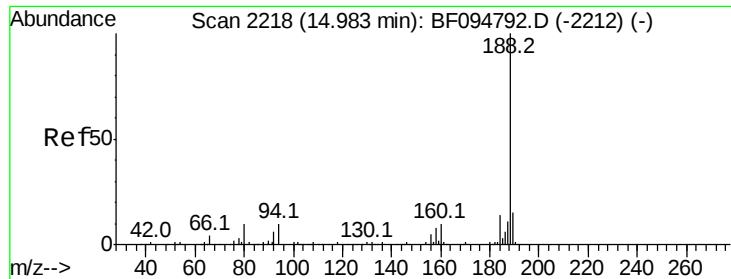
mohammad
5/25/2017 6:00:03 PM



#62
Azobenzene
Concen: 33.90 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	0.1	40.1
105	24.1	3.6	43.6
51	26.3	9.4	49.4





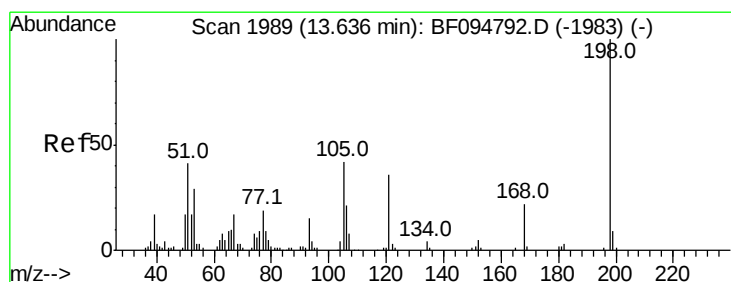
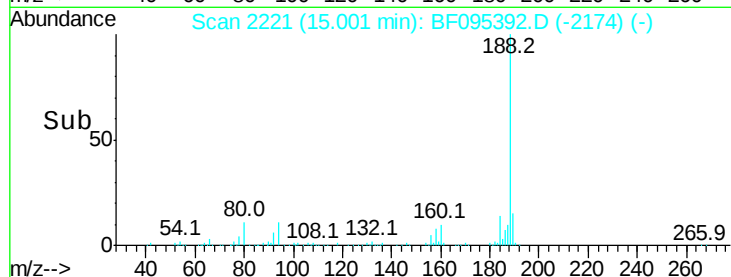
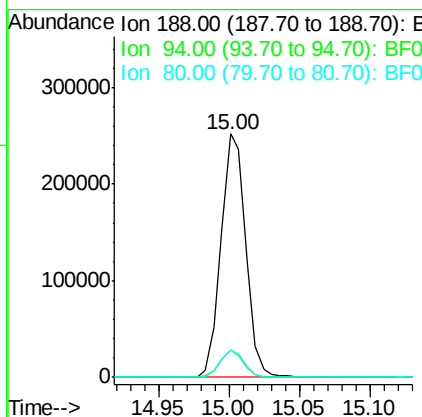
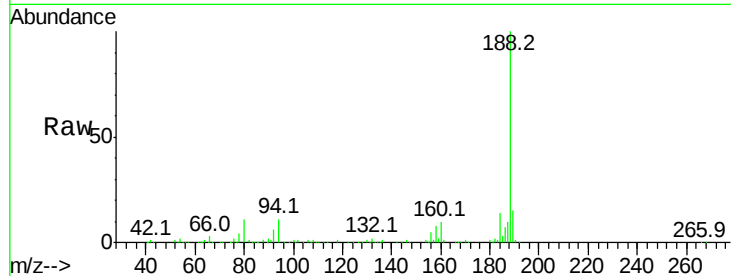
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	306168		
94	11.1		9.4	14.2
80	11.3		10.2	15.2

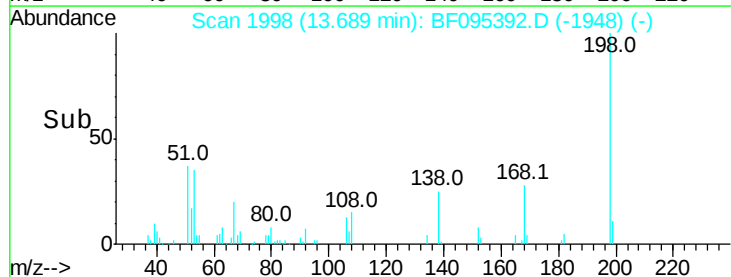
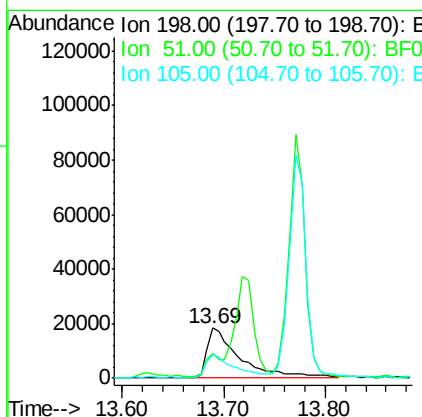
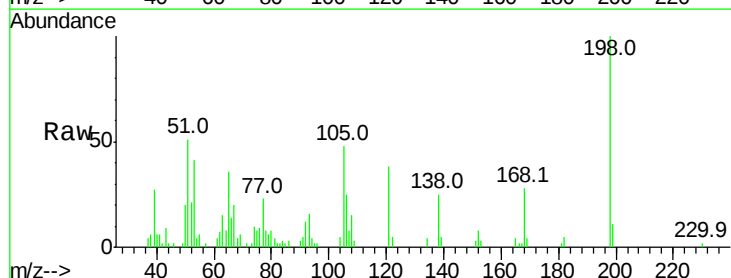
Manual Integrations
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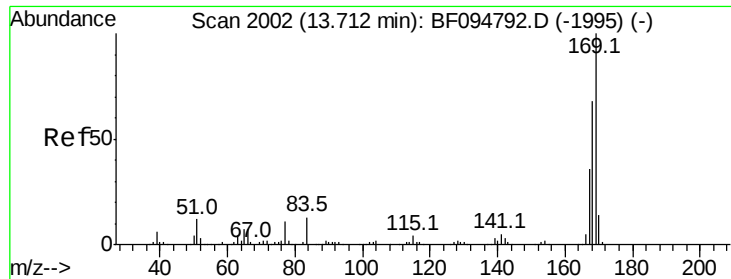
mohammad
5/25/2017 6:00:03 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.10 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	41260		
51	50.9		53.2	93.2#
105	47.9		45.8	85.8





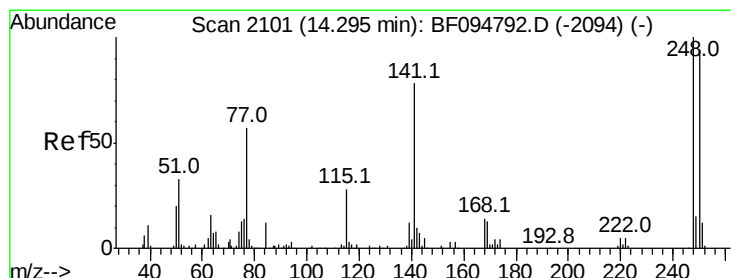
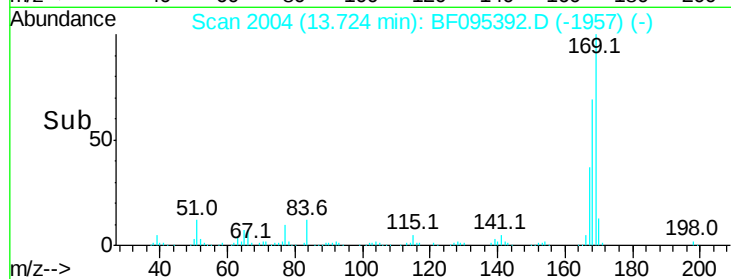
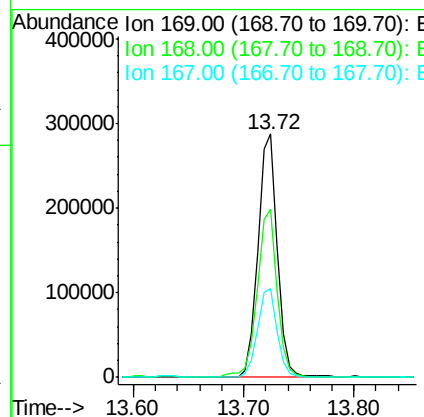
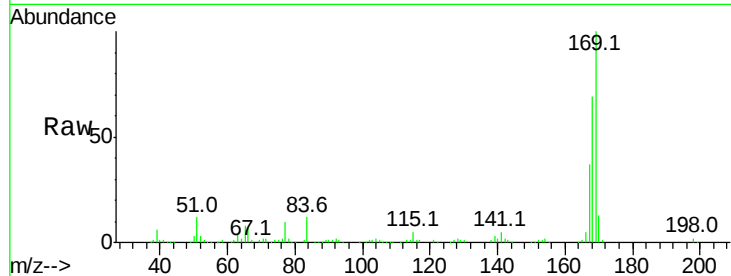
#65
n-Nitrosodiphenylamine
Concen: 31.87 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	354116		
168	69.2		53.2	79.8
167	36.7		29.5	44.3

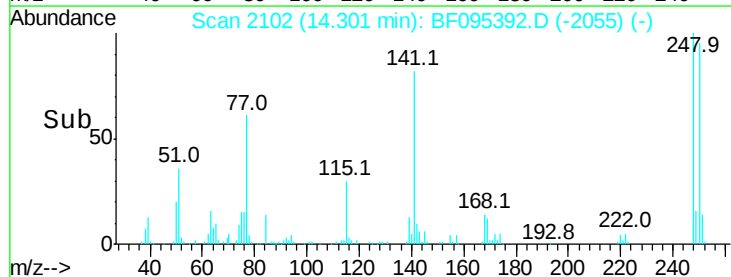
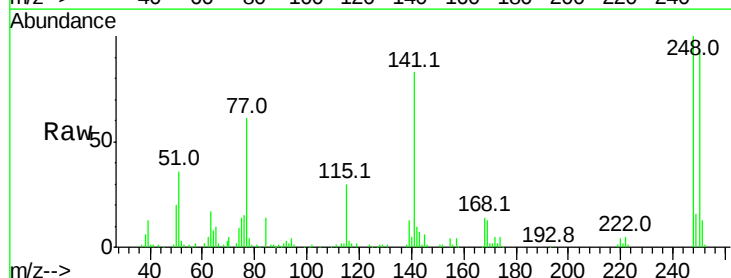
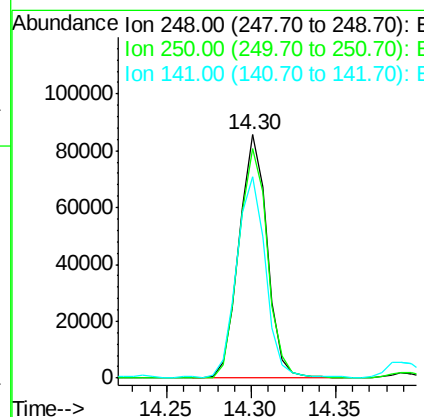
Manual Integrations
APPROVED

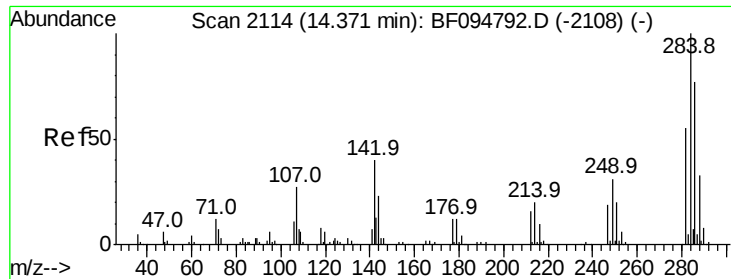
mohammad
5/25/2017 6:00:03 PM



#66
4-Bromophenyl-phenylether
Concen: 30.66 ng
RT: 14.30 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	99177		
250	94.2		76.8	115.2
141	82.5		68.6	103.0





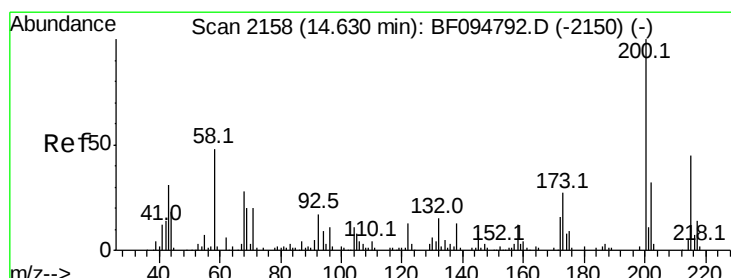
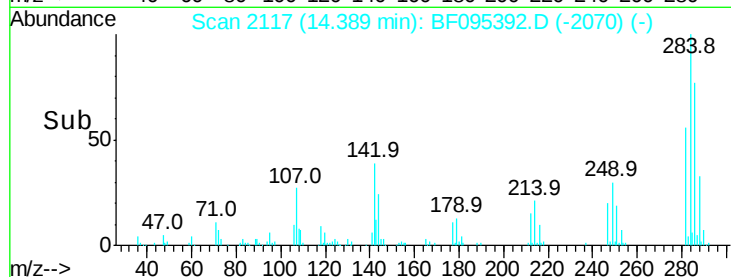
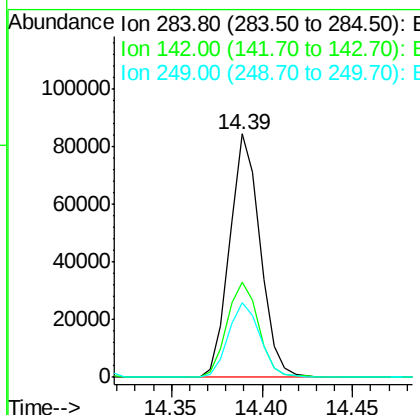
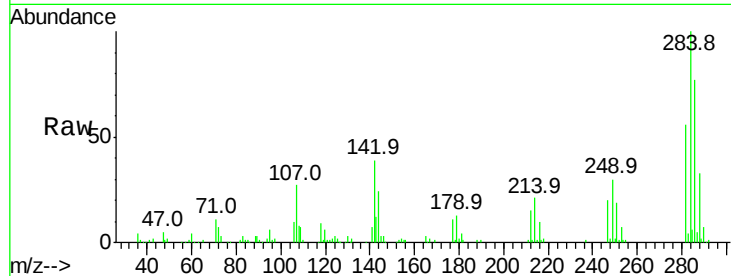
#67
Hexachlorobenzene
Concen: 29.87 ng
RT: 14.39 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	99011		
142	38.8	22.8	34.2	#
249	30.5	24.0	36.0	

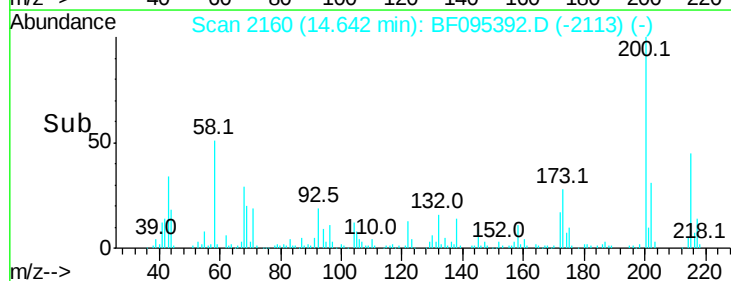
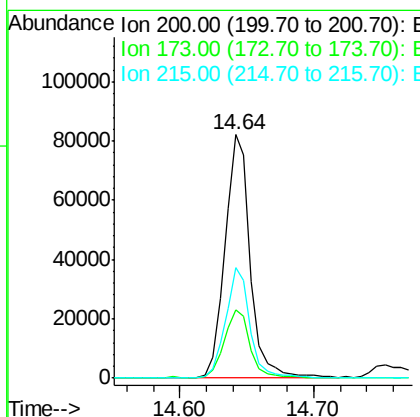
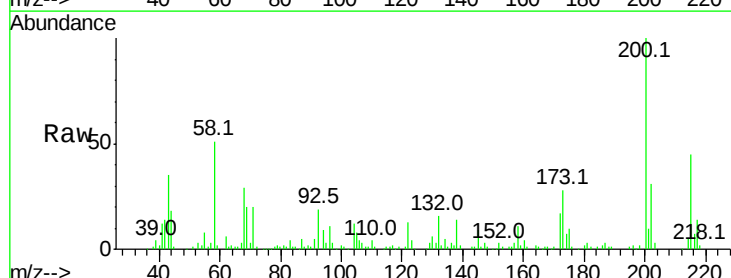
Manual Integrations
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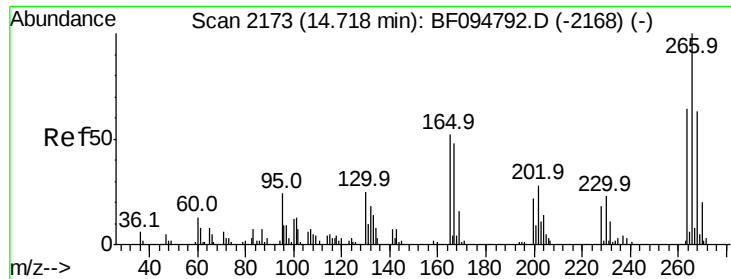
mohammad
5/25/2017 6:00:03 PM



#68
Atrazine
Concen: 34.83 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	109279		
173	28.2	6.3	46.3	
215	45.3	27.2	67.2	





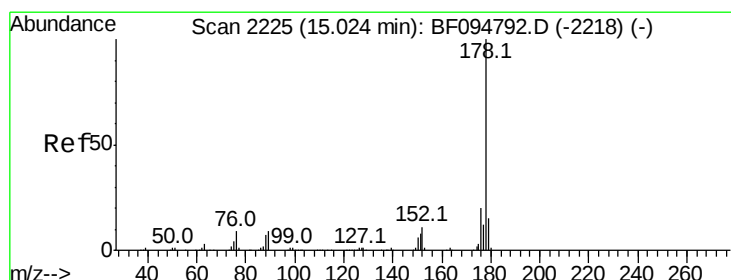
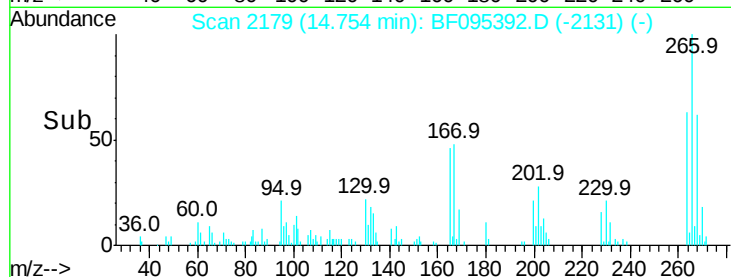
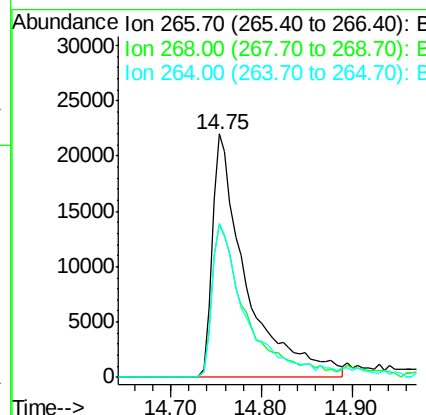
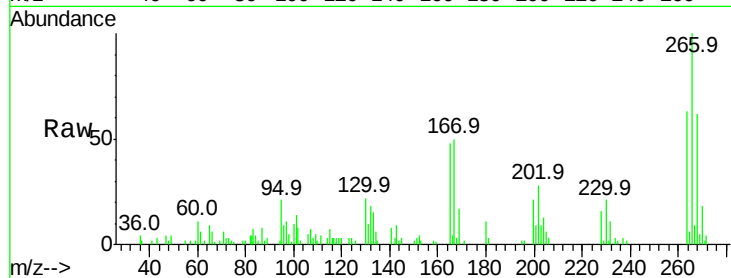
#69
 Pentachlorophenol
 Concen: 41.34 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	63.1	51.7	77.5

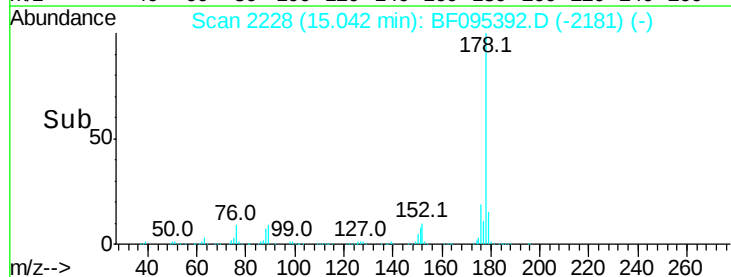
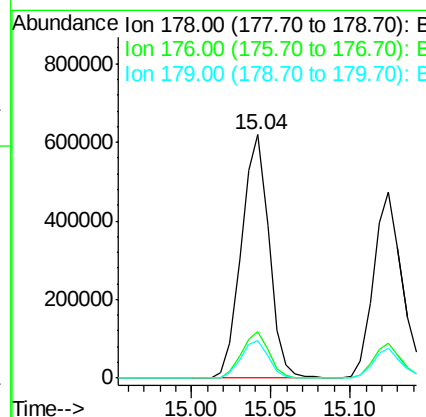
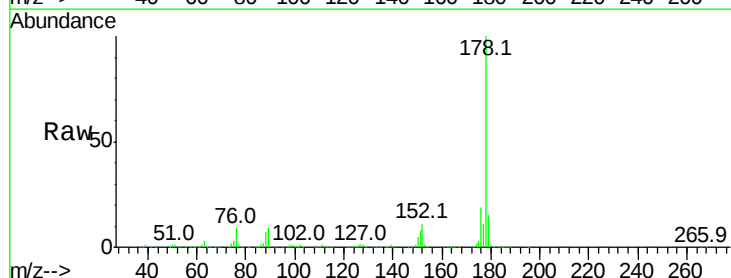
Manual Integrations
 APPROVED

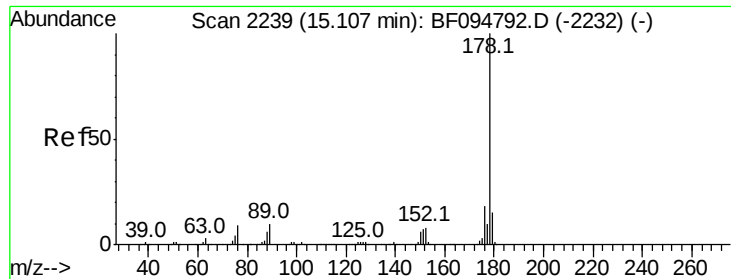
mohammad
 5/25/2017 6:00:03 PM



#70
 Phenanthrene
 Concen: 42.68 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

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





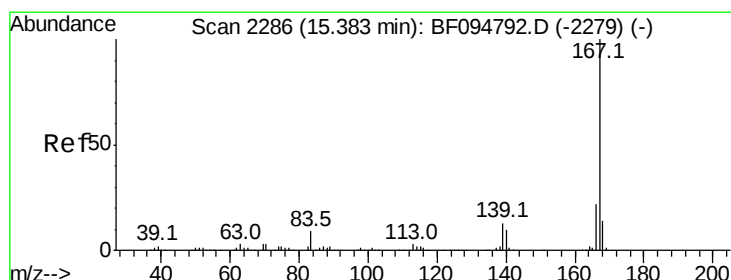
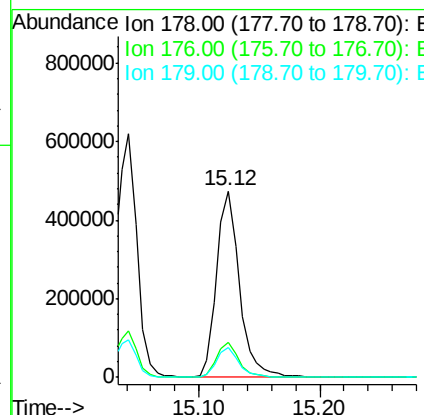
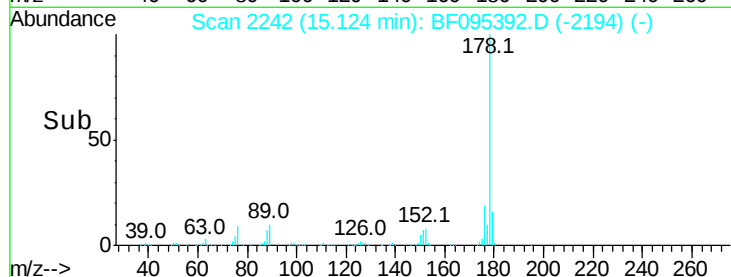
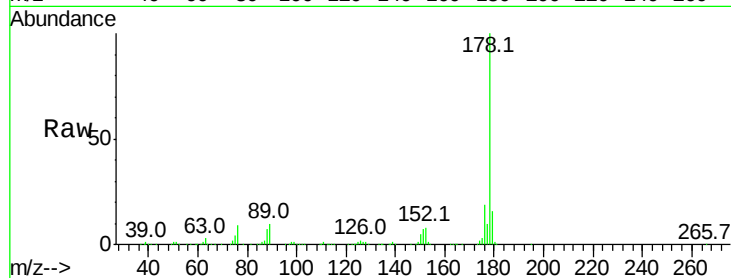
#71
 Anthracene
 Concen: 34.34 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.9	12.7	19.1

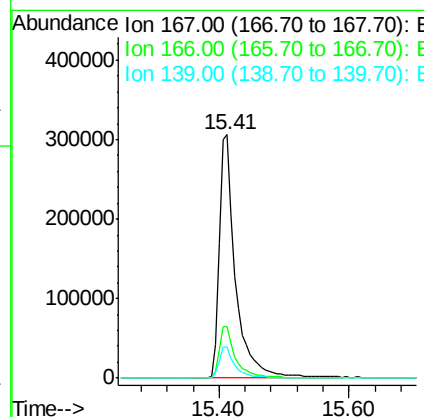
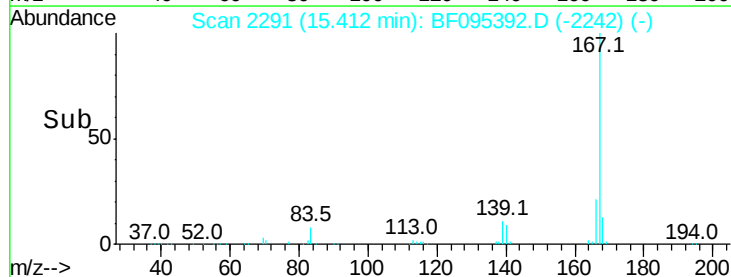
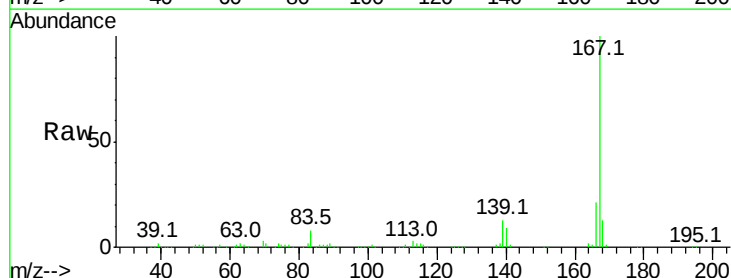
Manual Integrations
 APPROVED

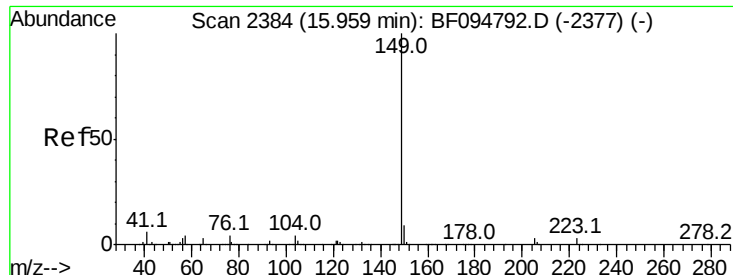
mohammad
 5/25/2017 6:00:03 PM



#72
 Carbazole
 Concen: 32.36 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	12.7	11.7	17.5





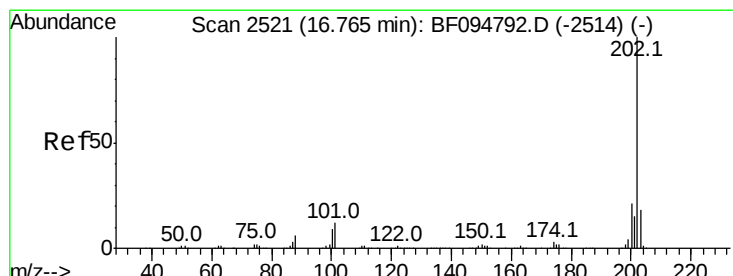
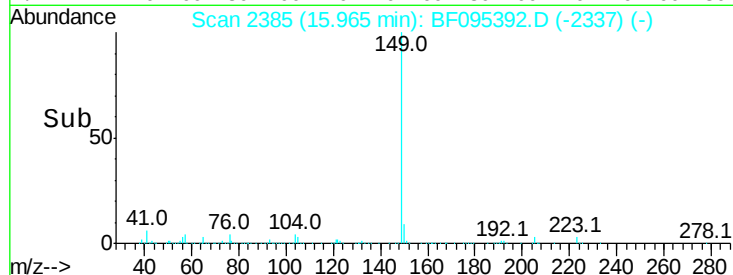
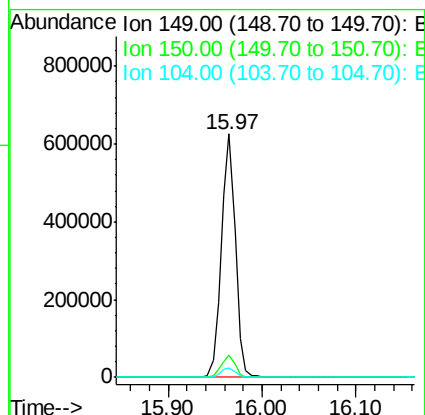
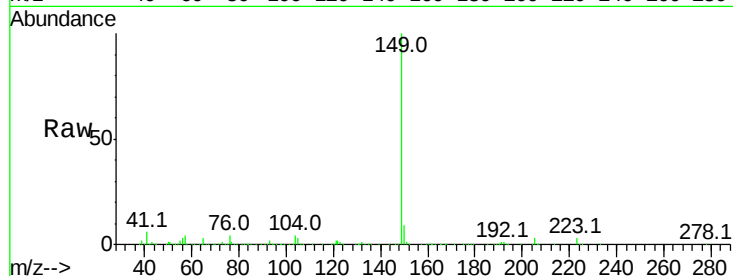
#73
Di-n-butylphthalate
Concen: 32.05 ng
RT: 15.97 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.7	11.5	
104	4.1	4.0	6.0	

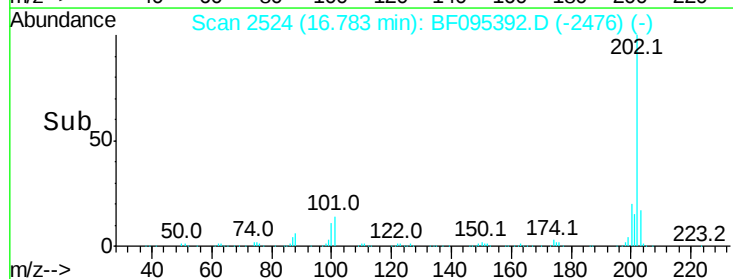
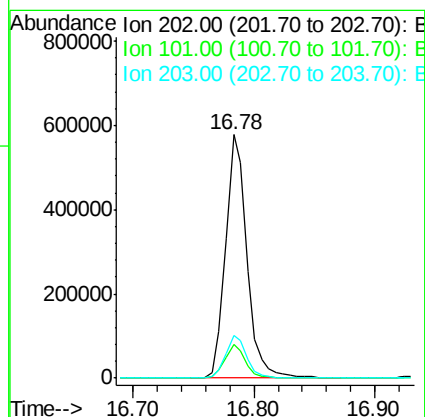
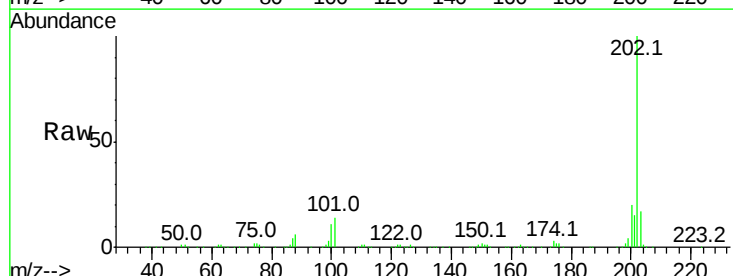
Manual Integrations
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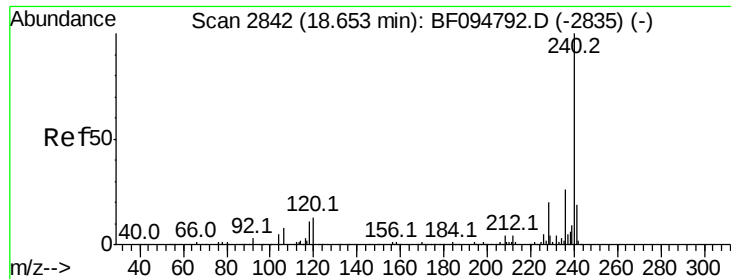
mohammad
5/25/2017 6:00:03 PM



#74
Fluoranthene
Concen: 39.28 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.9	0.0	33.2	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

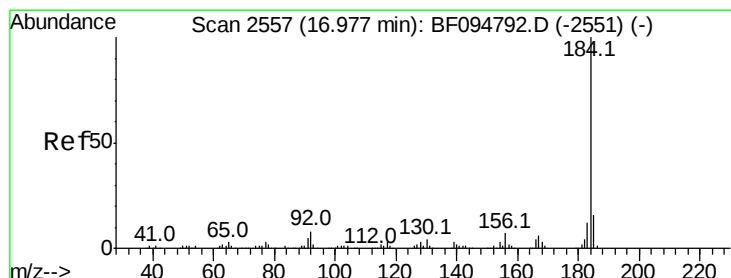
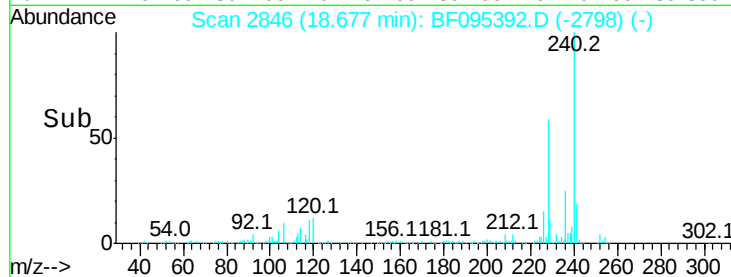
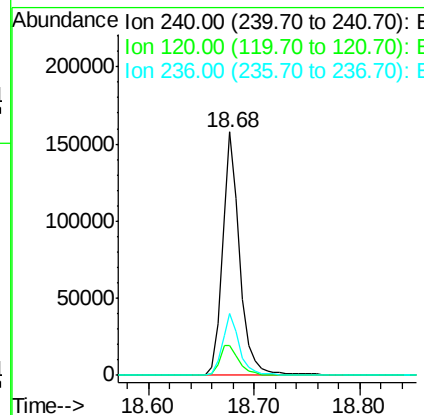
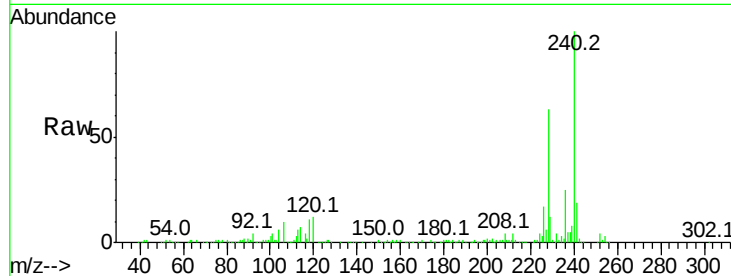
ClientSampleId :

R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	25.2	20.5	30.7

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#76

Benzidine

Concen: 17.88 ng

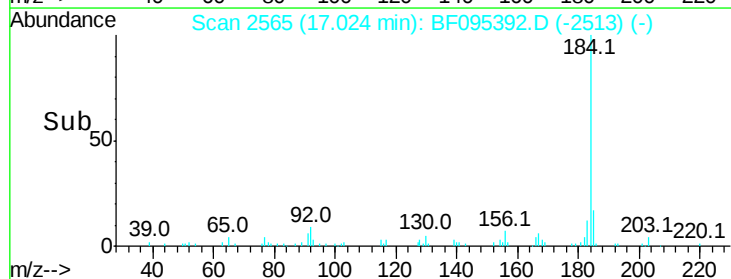
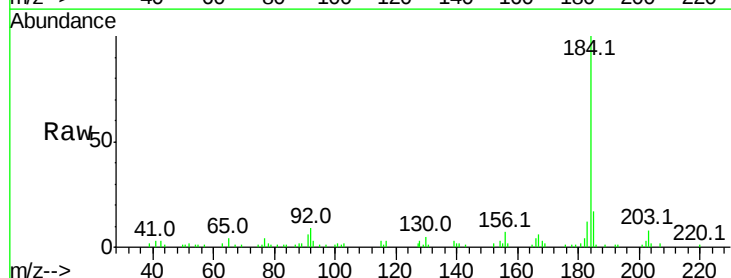
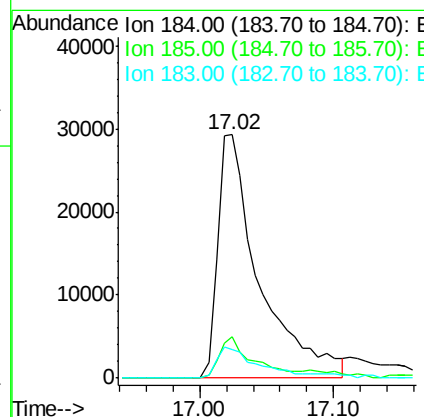
RT: 17.02 min Scan# 2565

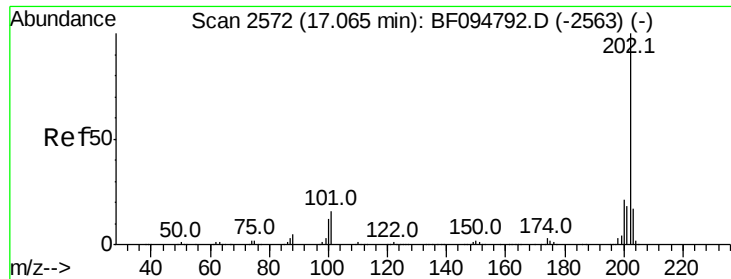
Delta R.T. 0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.1	15.5	23.3
183	11.8	9.8	14.6





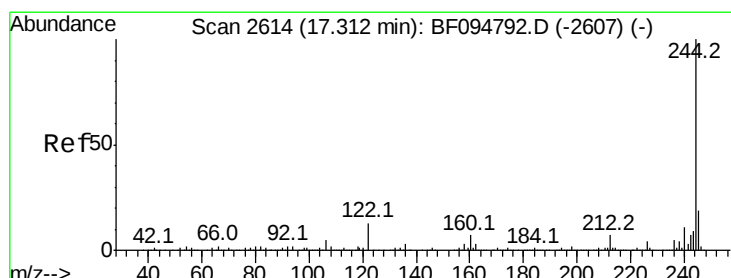
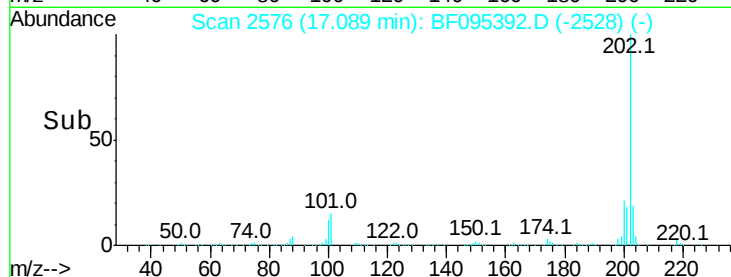
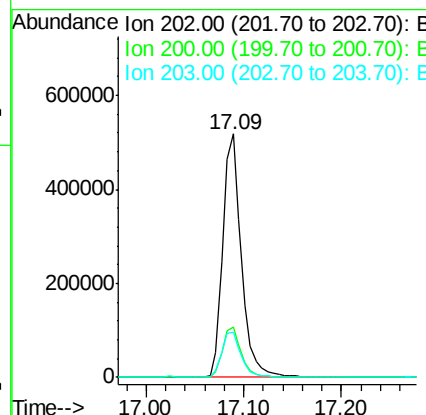
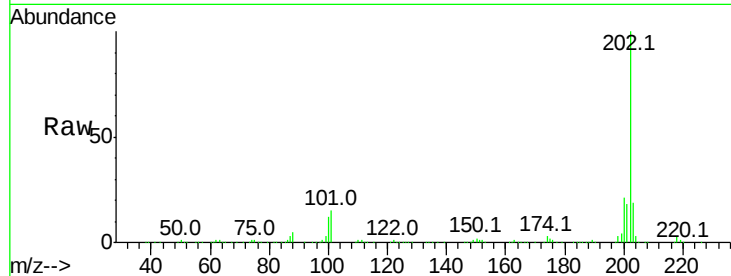
#77
Pvrene
Concen: 50.42 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	680917		
200	20.6		17.6	26.4
203	18.7		14.4	21.6

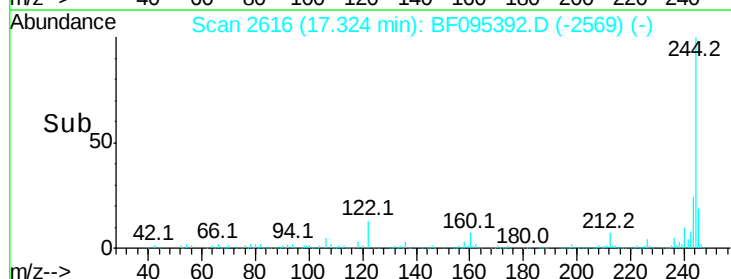
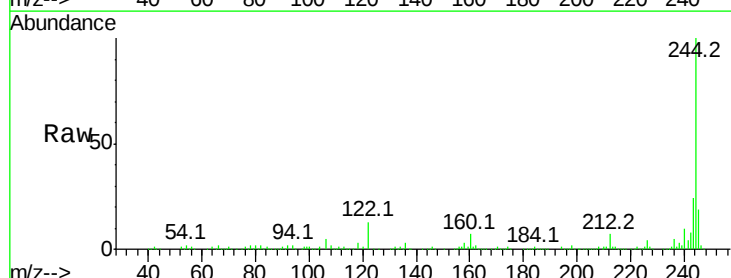
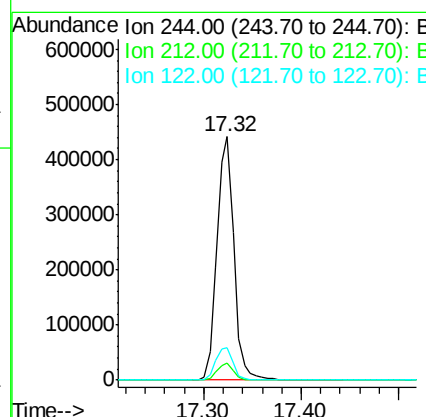
Manual Integrations
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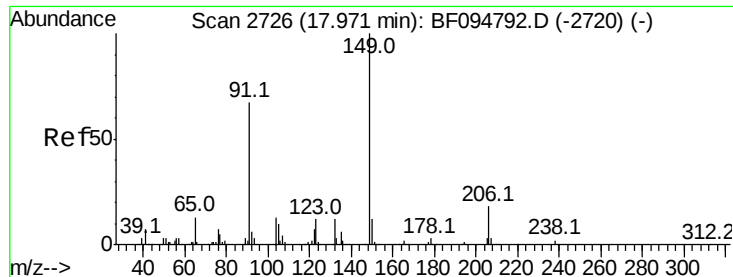
mohammad
5/25/2017 6:00:03 PM



#78
Terphenyl-d14
Concen: 65.14 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	534091		
212	7.1		6.0	9.0
122	13.3		10.3	15.5





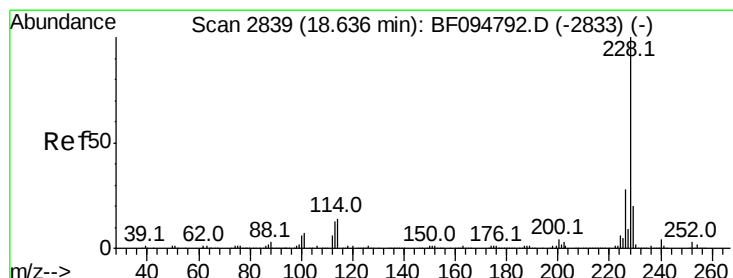
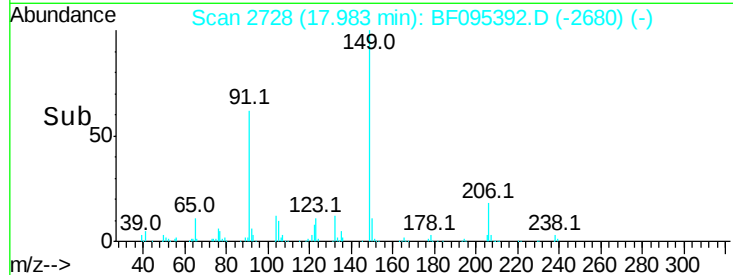
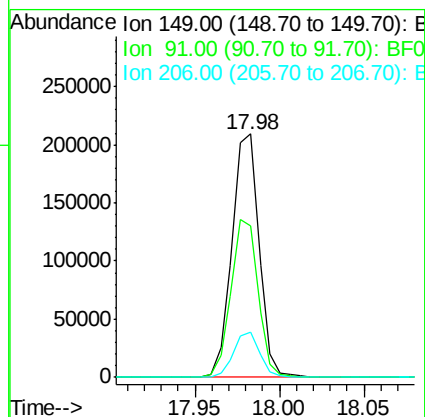
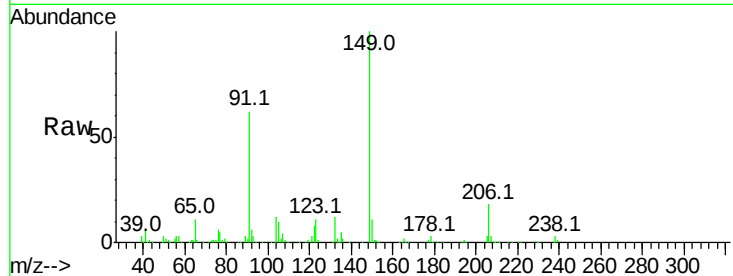
#79
Butylbenzylphthalate
Concen: 37.09 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	233033		
91	62.0	45.0	67.4	
206	18.4	17.0	25.6	

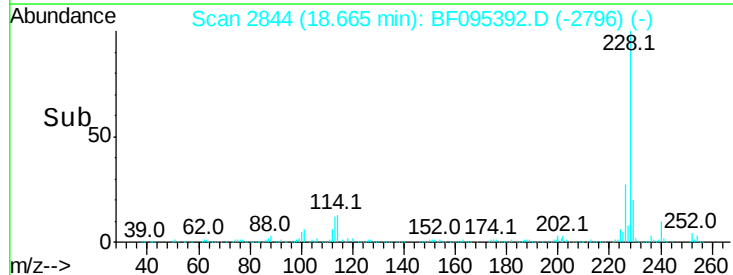
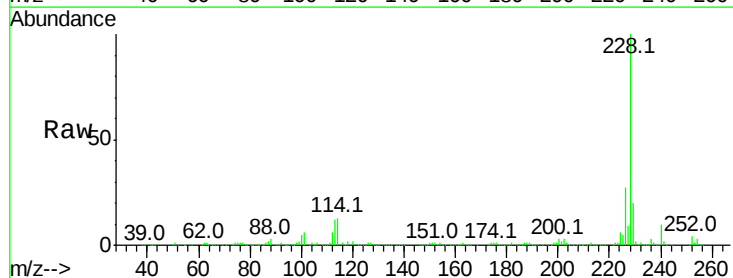
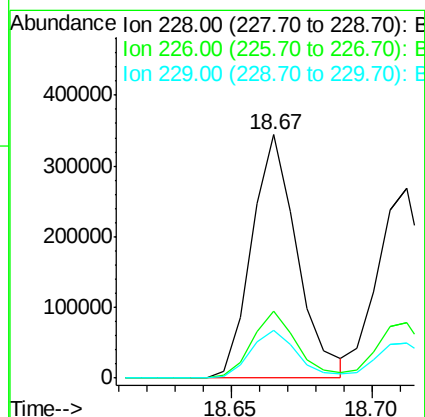
Manual Integrations
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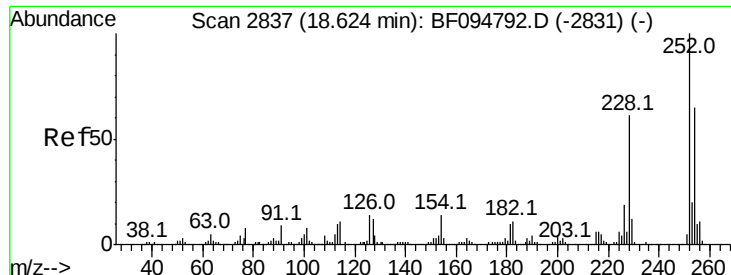
mohammad
5/25/2017 6:00:03 PM



#80
Benzo(a)anthracene
Concen: 36.52 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	383844		
226	27.5	22.6	33.8	
229	19.7	16.3	24.5	





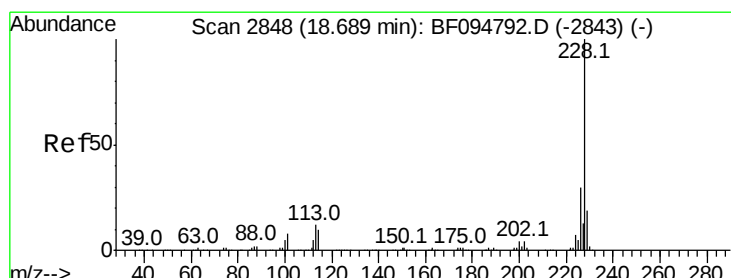
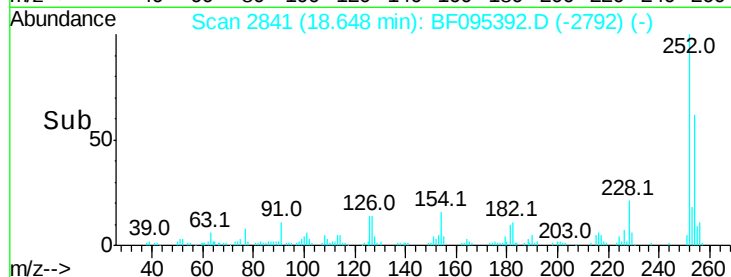
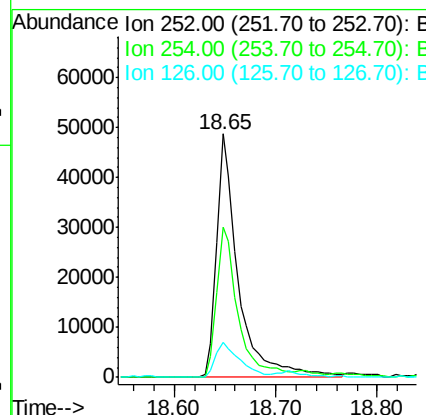
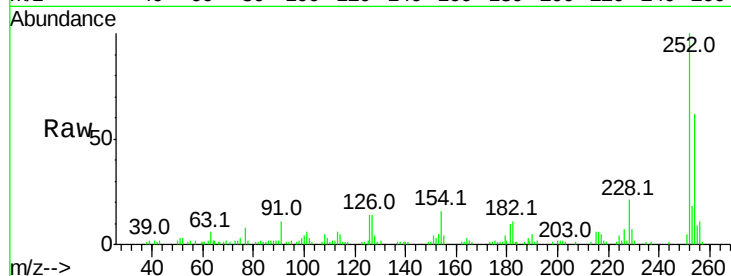
#81
 3,3'-Dichlorobenzidine
 Concen: 20.09 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.5	77.3
126	14.3	15.8	23.8

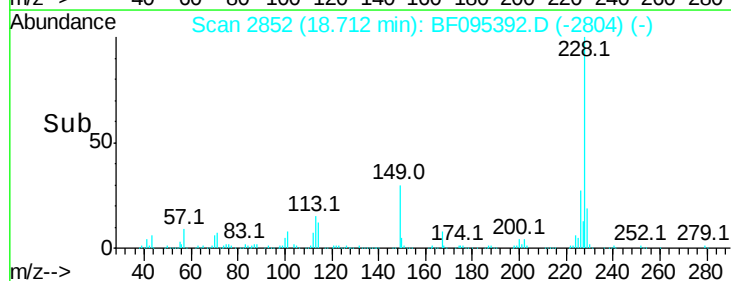
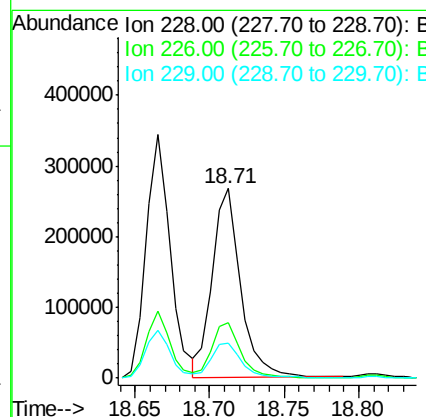
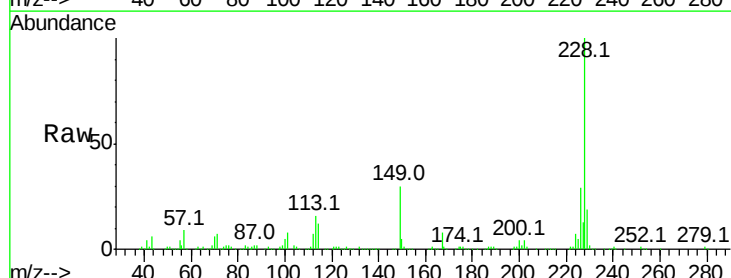
Manual Integrations
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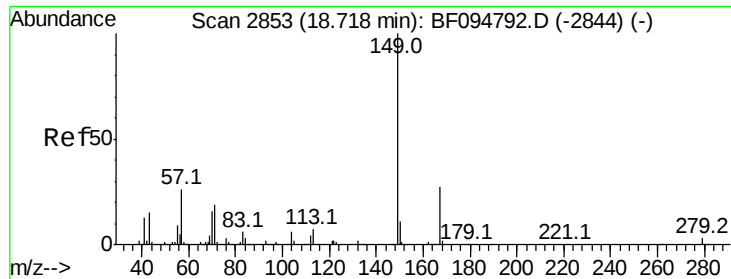
mohammad
 5/25/2017 6:00:03 PM



#82
 Chrysene
 Concen: 34.64 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	18.8	15.8	23.6





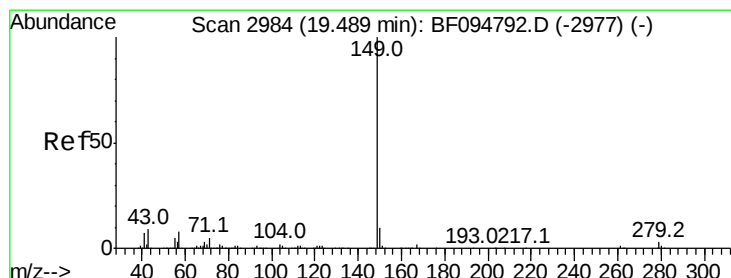
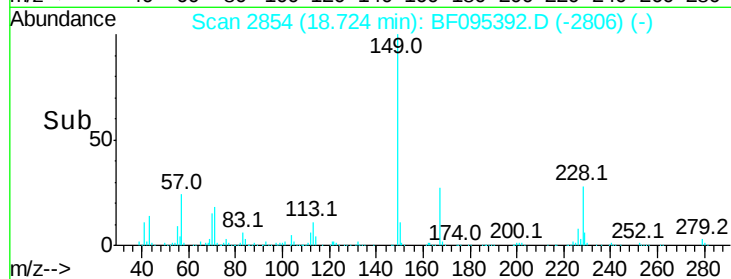
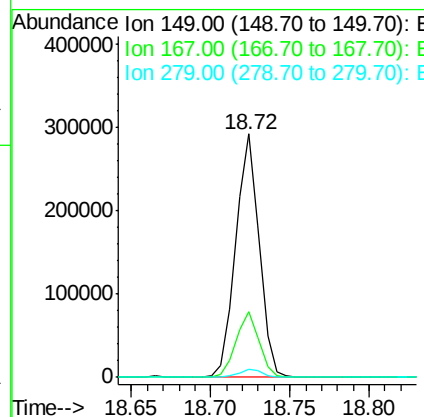
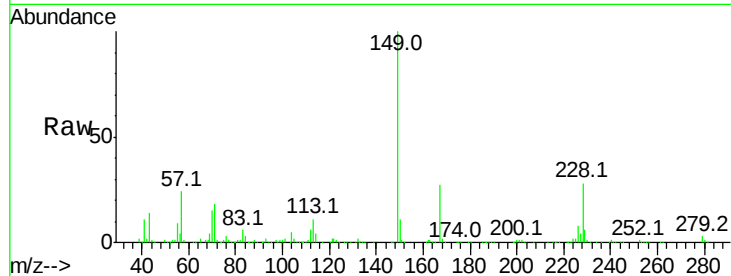
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.45 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.3	1.9	2.9

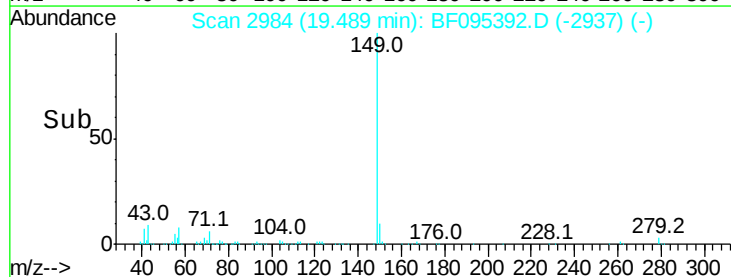
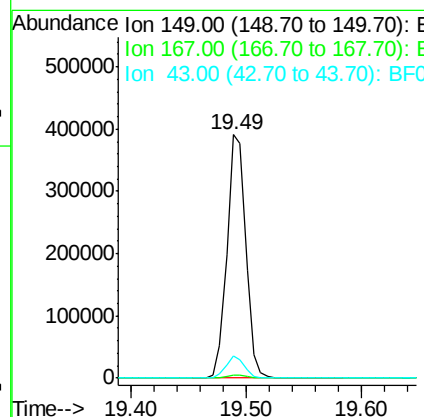
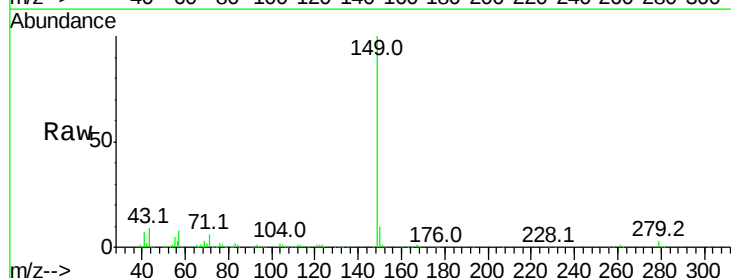
Manual Integrations
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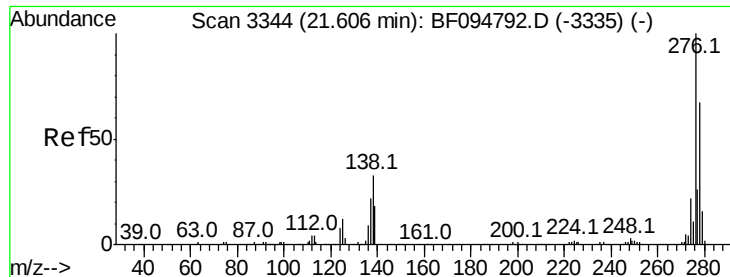
mohammad
 5/25/2017 6:00:03 PM



#84
 Di-n-octyl phthalate
 Concen: 29.93 ng
 RT: 19.49 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	8.5	12.7





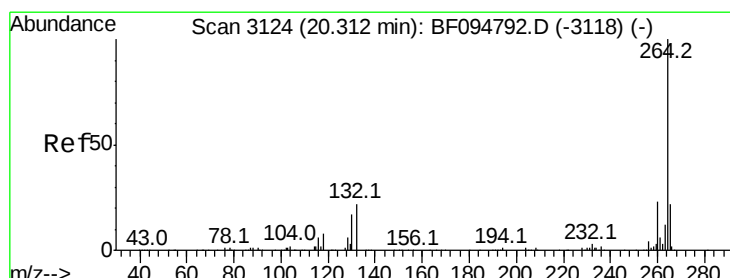
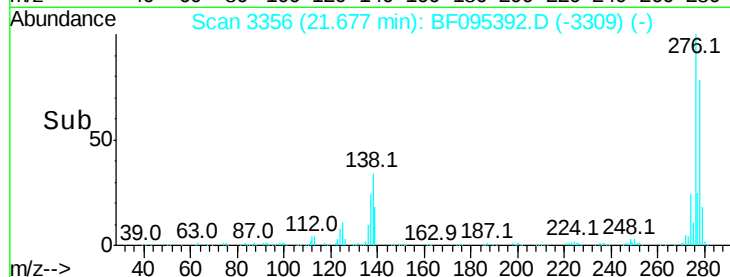
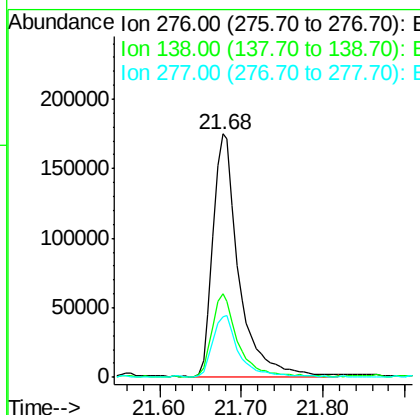
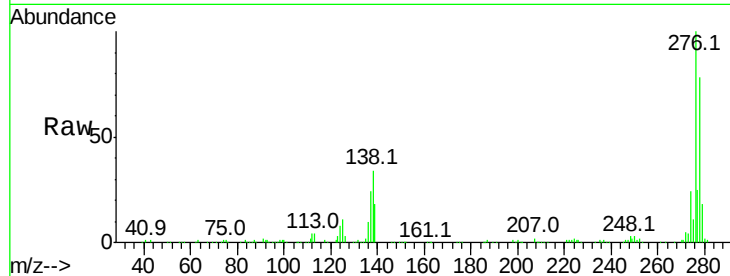
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.57 ng
 RT: 21.68 min Scan# 3356
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	25.4	20.2	30.4

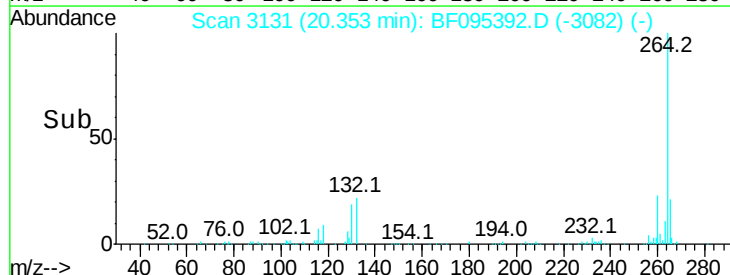
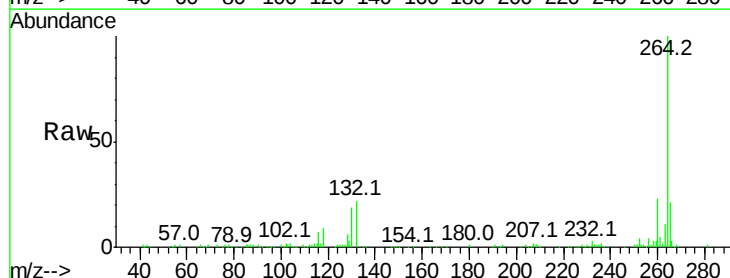
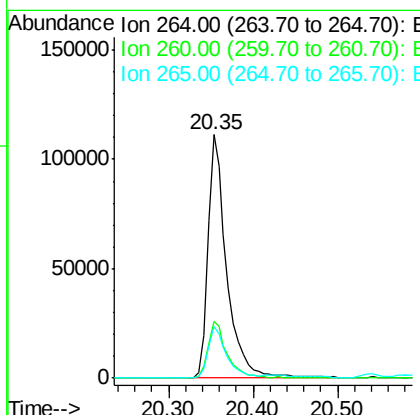
Manual Integrations
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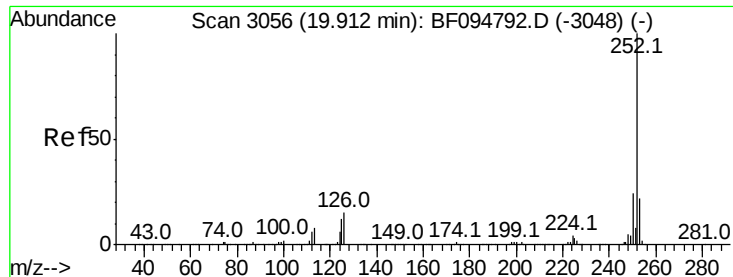
mohammad
 5/25/2017 6:00:03 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.2	17.2	25.8





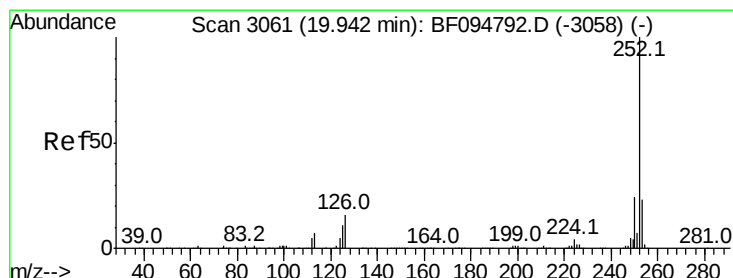
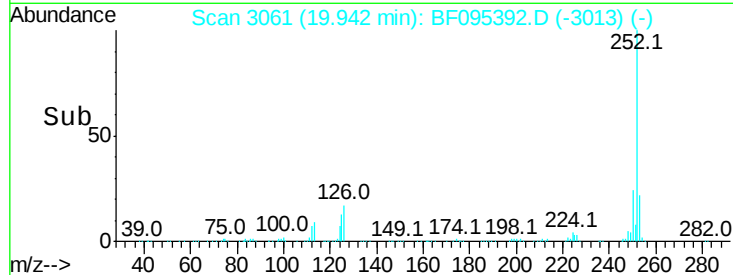
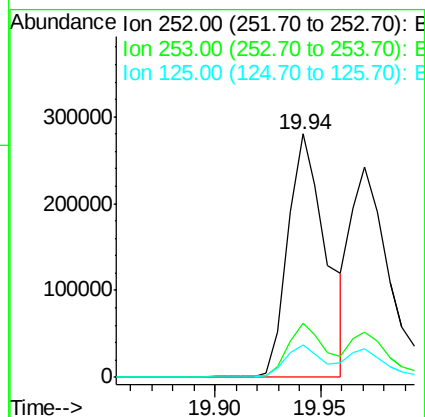
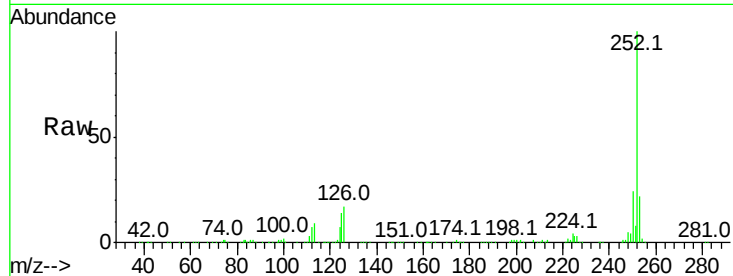
#87
Benzo(b)fluoranthene
Concen: 33.00 ng
RT: 19.94 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	352580		
253	22.1	18.1	27.1	
125	13.5	9.8	14.8	

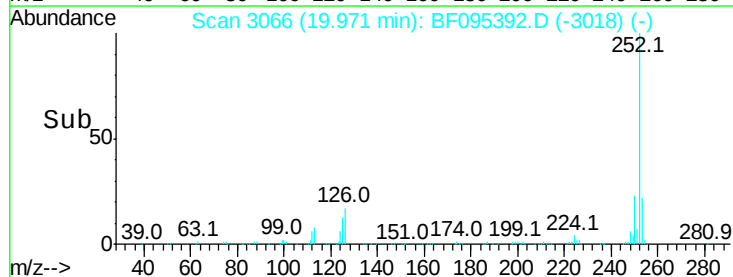
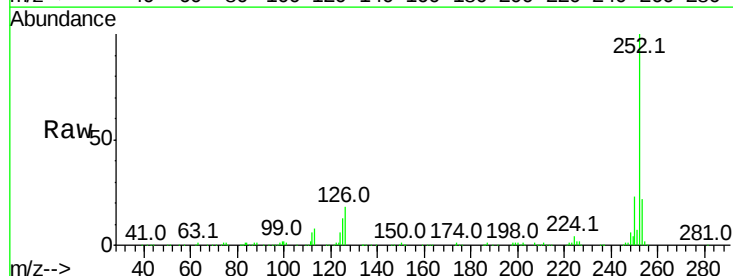
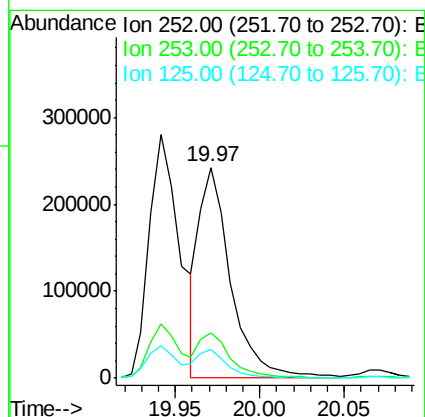
Manual Integrations
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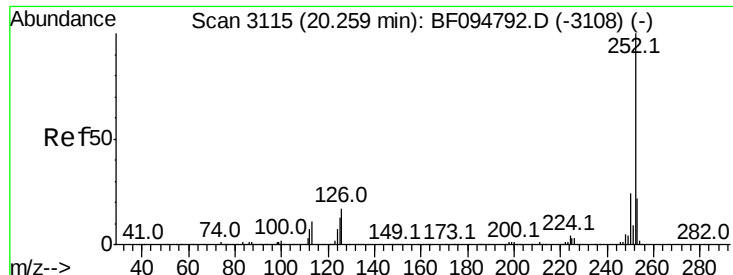
mohammad
5/25/2017 6:00:03 PM



#88
Benzo(k)fluoranthene
Concen: 30.51 ng
RT: 19.97 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	314416		
253	21.8	18.4	27.6	
125	13.5	13.1	19.7	





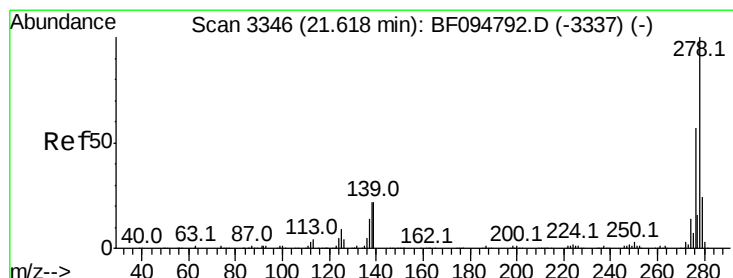
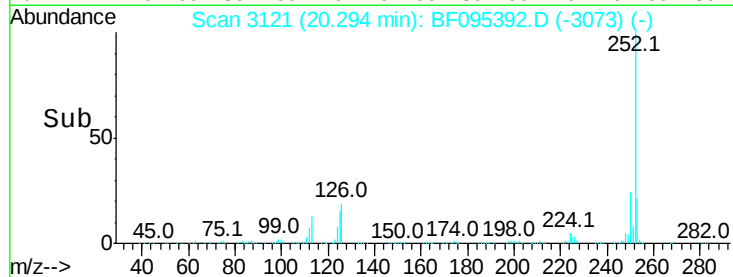
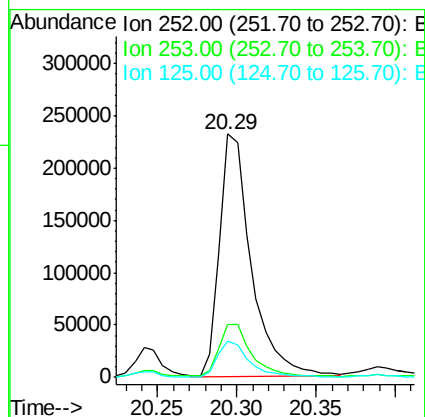
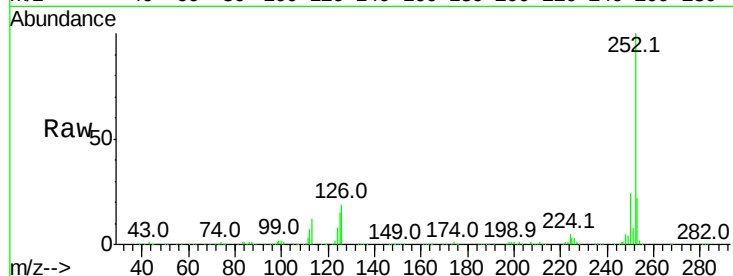
#89
Benzo(a)pyrene
Concen: 32.92 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.7	17.5	26.3	
125	15.0	11.0	16.4	

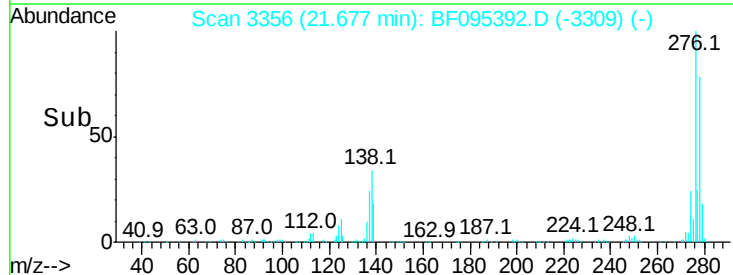
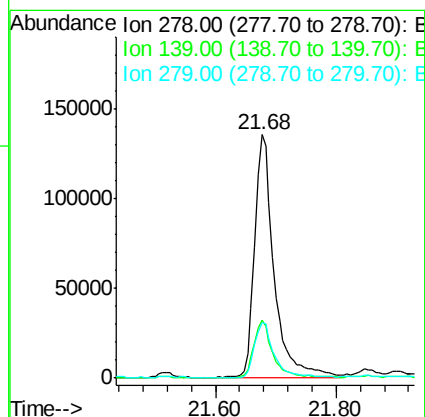
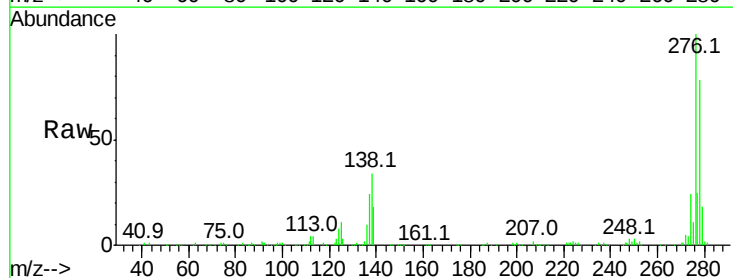
Manual Integrations
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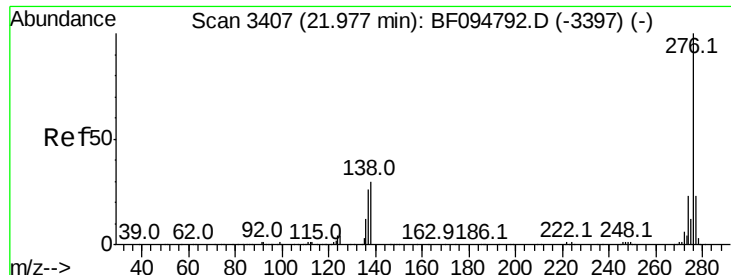
mohammad
5/25/2017 6:00:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.86 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	23.8	16.6	24.8	
279	22.6	19.3	28.9	





#91
 Benzo(a,h,i)perylene
 Concen: 41.89 ng
 RT: 22.06 min Scan# 3422
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-3-D34MSD

Tot Ion:	276	Resp:	334736
Ion Ratio		Lower	Upper
276	100		
277	22.9	18.6	28.0
138	30.0	25.4	38.0

Manual Integrations
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mohammad
 5/25/2017 6:00:03 PM

